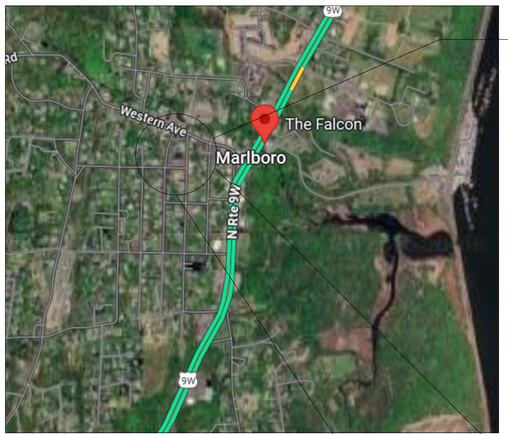
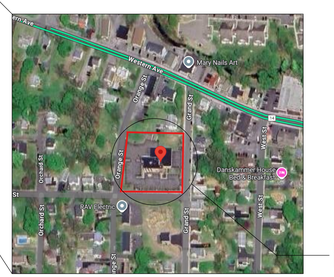
MARLBOROUGH FIRE DISTRICT

MARLBORO HOSE CO. NO. 1
14 GRAND STREET, MARLBORO, NY 12542
MARLBOROUGH FIRE STATION
ADDITIONS AND RENOVATION



SITE



PROJECT LOCATION

CONSTRUCTION DOCUMENTS

JUNE 15, 2026

wendel

Five Bugles Design™

+

MA Mitchell Associates Architects

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Wendel Project No. 653001

MARLBOROUGH FIRE DISTRICT

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MARLBORO, NY 12542

MARLBOROUGH FIRE STATION
ADDITIONS AND RENOVATION

CONSTRUCTION DOCUMENTS

wendel

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SRA ENGINEERS
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3 GARRETT PLACE
CARMEL, NY, 10512
T. 845-225-9690

DRAWING INDEX

SHEET NUMBER	SHEET NAME
GENERAL	
G000	COVERSHEET
G001	DRAWING INDEX
G100	CODE COMPLIANCE PLANS
CIVIL	
C100	EXISTING CONDITIONS AND REMOVALS PLAN
C101	LAYOUT PLAN
C102	GRADING AND UTILITIES PLAN
C103	ENLARGED GRADING PLAN
C104	PAVEMENT PLAN
C105	EROSION AND SEDIMENT CONTROL PLAN
C200	DETAILS
C201	DETAILS
C202	DETAILS
STRUCTURAL	
S100	PROJECT NOTES & ABBREVIATIONS
S101	FOUNDATION PLAN
S102	SECOND FLOOR AND LOW ROOF FRAMING PLAN
S103	HIGH ROOF FRAMING PLAN
S200	FOUNDATION SECTIONS SHT. 1
S201	FOUNDATION SECTIONS SHT. 2
S202	FOUNDATION SECTIONS SHT. 3
S210	FRAMING SECTIONS SHT. 1
S211	FRAMING SECTIONS SHT. 2
S212	FRAMING SECTIONS SHT. 3
S300	TYPICAL FOUNDATION DETAILS SHT. 1
S301	FOOTING SCHEDULE & PIER DETAILS SHT. 1
S302	PIER DETAILS SHT. 2 & MISC. DETAILS
S310	TYPICAL FRAMING DETAILS SHT. 1 & COLUMN SCHEDULE
S311	TYPICAL FRAMING DETAILS SHT. 2
S312	TYPICAL FRAMING DETAILS SHT. 3 & PLAN DETAILS
S400	BRACED FRAME ELEVATIONS AND DETAILS
S401	TRUSS FRAME ELEVATIONS AND DETAILS
ARCHITECTURE	
A001	TITLES & SYMBOLS
A002	TITLES & SYMBOLS
AD101	DEMOLITION FLOOR PLANS
AD102	DEMOLITION ROOF PLAN
AD103	DEMOLITION REFLECTED CEILING PLANS
A101	OVERALL PLAN - FIRST FLOOR AND APPARATUS BAY LEVEL
A102	OVERALL PLAN - SECOND FLOOR
A130	FFE PLANS - FIRST FLOOR AND APPARATUS BAY LEVEL
A131	FFE PLANS - SECOND FLOOR
A132	FFE SCHEDULE - APP BAY AND FIRST FLOOR
A133	FFE SCHEDULE- SECOND FLOOR
A150	ROOF PLAN
A201	ENLARGED PLANS - FIRST FLOOR AND APPARATUS BAY LEVEL
A202	ENLARGED PLANS - SECOND FLOOR
A203	ENLARGED FF&E PLANS
A204	ENLARGED FF&E PLANS
A250	PLAN DETAILS
A251	PLAN DETAILS
A301	EXTERIOR ELEVATIONS
A350	BUILDING SECTIONS
A351	BUILDING SECTIONS
A352	BUILDING SECTIONS
A400	EXTERIOR WALL TYPES
A401	WALL SECTIONS
A402	WALL SECTIONS
A403	WALL SECTIONS
A404	WALL SECTIONS
A405	WALL SECTIONS
A406	WALL SECTIONS
A450	EXTERIOR DETAILS
A451	EXTERIOR DETAILS
A452	EXTERIOR DETAILS
A453	EXTERIOR DETAILS
A454	EXTERIOR DETAILS
A455	EXTERIOR DETAILS
A480	ROOF DETAILS
A481	ROOF DETAILS
A501	VERTICAL CIRCULATION - PLAN AND SECTIONS
A502	ELEVATOR AND STAIR DETAILS
A601	INTERIOR ELEVATIONS
A602	INTERIOR ELEVATIONS
A603	INTERIOR ELEVATIONS
A604	INTERIOR ELEVATIONS
A605	INTERIOR ELEVATIONS
A701	REFLECTED CEILING PLAN - FIRST FLOOR & APPARATUS BAY LEVEL
A702	REFLECTED CEILING PLAN - SECOND FLOOR
A801	FFE DETAILS
A802	FFE DETAILS
A810	MILLWORK DETAILS
A811	MILLWORK DETAILS
A880	CEILING DETAILS
A901	DOOR SCHEDULE AND DETAILS
A902	WINDOW ELEVATIONS
A903	DOOR AND WINDOW DETAILS
A904	DOOR AND WINDOW DETAILS
A905	DOOR AND WINDOW DETAILS
A930	INTERIOR PARTITION TYPES AND DETAILS
A951	OVERALL FINISH PLAN - FIRST FLOOR AND APPARATUS BAY LEVEL
A952	OVERALL FINISH PLAN - SECOND FLOOR
A953	FINISH SPECIFICATIONS & ROOM FINISH SCHEDULE
MEP SITE	
MEP201	SITE PLAN
FIRE PROTECTION	
FP101	FIRST FLOOR AND APPARATUS BAY PLAN
FP102	SECOND FLOOR PLAN
FP601	DETAILS
FP602	DETAILS
FP603	DETAILS
FP701	EQUIPMENT SCHEDULES

DRAWING INDEX

SHEET NUMBER	SHEET NAME
PLUMBING	
PD101	DEMOLITION FLOOR PLANS
PD102	ROOF DEMOLITION PLAN
P101	FIRST FLOOR AND APPARATUS BAY PLAN
P102	SECOND FLOOR PLAN
P103	ROOF PLAN
P601	DETAILS
P602	DETAILS
P603	DETAILS
P604	DETAILS
P605	DETAILS
P606	DETAILS
P607	DETAILS
P701	EQUIPMENT SCHEDULES
P702	EQUIPMENT SCHEDULES
MECHANICAL	
MD101	DEMOLITION FLOOR PLANS
MD102	ROOF DEMOLITION PLAN
M101	FIRST FLOOR AND APPARATUS BAY PLAN
M102	SECOND FLOOR PLAN
M103	ROOF PLAN
M601	DETAILS
M602	DETAILS
M603	DETAILS
M604	DETAILS
M605	DETAILS
M606	DETAILS
M701	EQUIPMENT SCHEDULES
M702	EQUIPMENT SCHEDULES
M703	EQUIPMENT SCHEDULES
ELECTRICAL	
ED101	DEMOLITION FLOOR PLANS
ED102	ROOF DEMOLITION PLAN
E101	FIRST FLOOR AND APPARATUS BAY POWER PLAN
E102	SECOND FLOOR POWER PLAN
E103	ROOF PLAN
E301	FIRST FLOOR AND APPARATUS BAY LIGHTING PLAN
E302	SECOND FLOOR LIGHTING PLAN
E601	DETAILS
E602	DETAILS
E603	DETAILS
E604	DETAILS
E701	EQUIPMENT SCHEDULES
E702	EQUIPMENT SCHEDULES
FIRE ALARM	
FA101	FIRST FLOOR AND APPARATUS BAY PLAN
FA102	SECOND FLOOR PLAN
FA601	DETAILS

MARLBOROUGH FIRE DISTRICT

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MARLBOROUGH FIRE STATION ADDITIONS AND RENOVATION

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NO.	REVISIONS	DATE
0	ISSUED FOR BID	06/15/2026

DWG. TITLE

DRAWING INDEX

0 1" 2"

GENERIC SCALE BAR

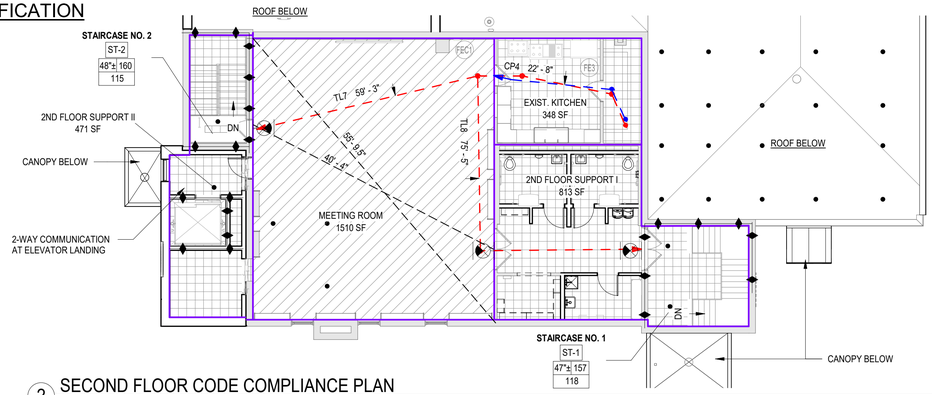
SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING. IF NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY

DATE 06/15/2026
SCALE
DWN. SSS CHK. NM
PROJ. No. 653001
DWG. No.

G001

OCCUPANCY CLASSIFICATION

- A-3
- B



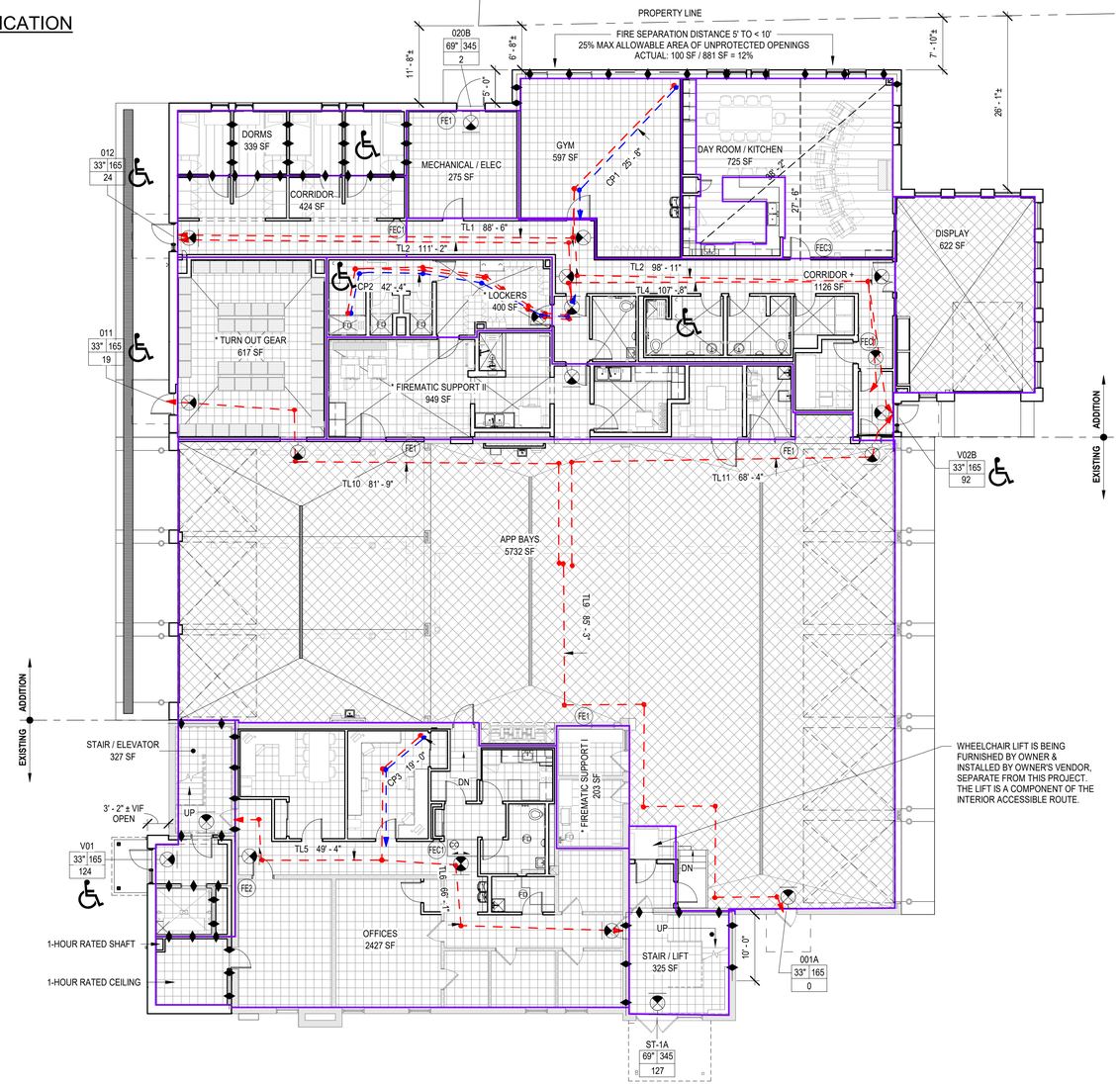
2 SECOND FLOOR CODE COMPLIANCE PLAN
SCALE: 3/32" = 1'-0"

N TRUE NORTH

PROPERTY LINE

OCCUPANCY CLASSIFICATION

- A-2
- B
- R-3
- S-2



1 FIRST FLOOR CODE COMPLIANCE PLAN
SCALE: 3/32" = 1'-0"

N TRUE NORTH

BUILDING CODE INFORMATION:

PROJECT LOCATION: MARLBOROUGH FIRE DISTRICT
14 GRAND STREET
MARLBORO, NY 12542

PROJECT SCOPE:
THE PROJECT INCLUDES ADDITIONS AND RENOVATIONS TO THE EXISTING MARLBORO FIRE STATION. THE EXISTING BUILDING WAS CONSTRUCTED IN 1976, AND INCLUDES AN APPARATUS BAY & SUPPORT SPACE, ADMINISTRATIVE OFFICES, MEETING ROOM, AND KITCHEN. THE RENOVATION SCOPE INCLUDES THE LIMITED RECONFIGURATION OF SPACE TO ACCOMMODATE ADDITIONAL OFFICES, CUSTODIAL ROOMS, AND ACCESSIBLE TOILET ROOMS. THE RENOVATION SCOPE ALSO INCLUDES THE INSTALLATION OF AN AUTOMATIC SPRINKLER SYSTEM THROUGHOUT, STRUCTURAL REINFORCING AT EXISTING ROOF TOP UNIT, INTERIOR FINISHES REPLACEMENT, AND THE INSTALLATION OF A PLATFORM LIFT TO PROVIDE AN ACCESSIBLE ROUTE BETWEEN THE EXISTING FIRST FLOOR AND THE APPARATUS BAY. THE SMALLER ADDITION, WEST OF THE EXISTING BUILDING, INCLUDES A PASSENGER ELEVATOR TO PROVIDE AN ACCESSIBLE ROUTE TO THE SECOND FLOOR MEETING ROOM. THE LARGER ADDITION, NORTH OF THE EXISTING BUILDING, INCLUDES THE EXPANSION OF THE APPARATUS BAY & ADDITIONAL SUPPORT SPACE, A FITNESS ROOM, DAY ROOM, ANTIQUE VEHICLE DISPLAY, TOILET/SHOWER ROOMS, AND BUNK ROOMS. THE PROJECT ALSO INCLUDES REPLACEMENT OF THE EMERGENCY GENERATOR, TRANSFORMER, & SWITCHGEAR, AND THE INSTALLATION OF AN ADDITIONAL WATER SERVICE LINE TO SUPPORT THE INCREASED WATER DEMAND FROM THE SPRINKLER SYSTEM AND ADDITION.

BUILDING AND FIRE CODES:
2025 BUILDING CODE OF NEW YORK STATE (2024 IBC AMENDED)
2025 EXISTING BUILDING CODE OF NEW YORK STATE (2024 IEBC AMENDED)
2025 FIRE CODE OF NEW YORK STATE (2024 IFC AMENDED)
2025 PLUMBING CODE OF NEW YORK STATE (2024 IPC AMENDED)
2025 MECHANICAL CODE OF NEW YORK STATE (2024 IMC AMENDED)
2025 NEW YORK STATE ENERGY STANDARD FOR SITES AND BUILDINGS EXCEPT LOW-RISE RESIDENTIAL BUILDINGS (2022 ASHRAE 90.1 AMENDED)
2023 NFPA 70 NATIONAL ELECTRICAL CODE
2017 ANSI A117.1 ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES

OCCUPANCY CLASSIFICATION: NON-SEPARATED MIXED USE
- A-2, ASSEMBLY
- A-3, ASSEMBLY (MOST RESTRICTIVE)
- B, BUSINESS
- S-2, STORAGE
- R-3, RESIDENTIAL

TYPE OF CONSTRUCTION: TYPE IIB (EXISTING AND ADDITIONS)

FULLY SPRINKLERED: YES

EXISTING BUILDING:
CONTINUATION OF EXISTING USE: YES
CHANGE OF USE: NO
CLASSIFICATION OF WORK: ALTERATION LEVEL 2

ADDITIONS:
TWO BUILDING ADDITIONS, COMPLYING WITH 2025 EBCNYS SECTION 606 ADDITIONS & CHAPTER 11 ADDITIONS, AND 2025 BCNYS.

BUILDING HEIGHT AND AREA:
ACTUAL BUILDING HEIGHT: ± 30' , 2 STORIES
ALLOWABLE BUILDING HEIGHT: 75', 3 STORIES

FRONTAGE INCREASE FACTOR=0.50

ACTUAL BUILDING AREA: 18,383 SF
ALLOWABLE BUILDING AREA PER STORY: 28,500 SF+ (9,500 SF*0.50)=33,250 SF
ALLOWABLE TOTAL BUILDING AREA: 66,500 SF

CODE MODIFICATIONS: N/A

MAXIMUM TRAVEL DISTANCE:
ASSEMBLY, RESIDENTIAL, STORAGE: 250'
BUSINESS: 300'

MAXIMUM COMMON PATH OF TRAVEL:
ASSEMBLY: 75'
BUSINESS: 100'
RESIDENTIAL: 125'
STORAGE: 100'

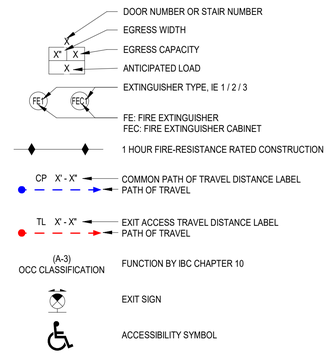
2022 ASHRAE 90.1, TABLE 5.5-6 BUILDING ENVELOPE REQUIREMENTS FOR CLIMATE ZONE 6 (A,B)

OPAQUE ELEMENTS	REQUIRED		PROVIDED	
	ASSEMBLY MAX U-FACTOR	INSULATION MIN R-VALUE	ASSEMBLY MAX U-FACTOR	INSULATION MIN R-VALUE
ROOFS				
-INSULATION ENTIRELY ABOVE DECK	U-0.032	R-30 CI	U-0.029	R-34 CI
WALLS, ABOVE GRADE				
-MASS	U-0.080	R-13.3 CI	U-0.044	R-18.5 CI
-STEEL-FRAMED	U-0.049	R-13 + R-12.5 CI	U-0.032	R-24 + R-18.5 CI
SLAB-ON-GRADE FLOORS				
-UNHEATED	F-0.510	R-20, FOR 24"	F-0.730	R-20, FOR 24"
OPAQUE DOORS				
-SWINGING (FRP DOORS)	U-0.370	-	U-0.23	-
-NONSWINGING (SECTIONAL DOORS)	U-0.310	-	U-0.19	-

FENESTRATION	REQUIRED			PROVIDED		
	ASSEMBLY MAX U	ASSEMBLY MAX SHGC	ASSEMBLY MIN VT/SHGC	ASSEMBLY MAX U	ASSEMBLY MAX SHGC	ASSEMBLY MIN VT/SHGC
VERTICAL FENESTRATION						
-FIXED (STOREFRONT)	0.34	0.38	1.10	0.33	0.32	1.81
-OPERABLE	0.42	0.34	1.10			
AWNING WINDOWS				0.31	0.19	2.26
CASEMENT WINDOWS				0.30	0.19	2.31
-ENTRANCE DOOR	0.63	0.34	1.10	0.52	0.18	1.55

NOTE: THIS PROJECT HAS BEEN DESIGNED TO COMPLY WITH 2025 NYS ASHRAE 90.1 FOR ENERGY CODE COMPLIANCE. A COMCHECK REPORT IS PROVIDED SEPARATELY FOR ENERGY CODE COMPLIANCE FOR THE ALTERATIONS TO THE EXISTING BUILDING. AN ENERGY COST BUDGET (ECB) COMPLIANCE REPORT IS ALSO PROVIDED SEPARATELY FOR ENERGY CODE COMPLIANCE FOR THE TWO BUILDING ADDITIONS. THE ECB PERFORMANCE PATH UTILIZED A COMPUTER SIMULATION TO COMPARE THE PROPOSED BUILDING DESIGN TO A BASELINE BUILDING DESIGN, DEFINED UNDER 2025 NYS ASHRAE 90.1.

CODE SYMBOLS



** SPACES THAT ARE CONSIDERED NON-SIMULTANEOUS OCCUPANCY FOR PLUMBING FIXTURE COUNTS.*

CODE OCCUPANCY SCHEDULE

Name	AREA	FUNCTION OF SPACE	OCCUPANT LOAD FACTOR	CALCULATED OCCUPANCY LOAD
EXIST. FIRST FLOOR				
ASSEMBLY, A-2				
DAY ROOM / KITCHEN	725 SF	ASSEMBLY WITHOUT FIXED SEATS - UNCONCENTRATED	15 SF	49
	725 SF			49
BUSINESS, B				
OFFICES	2427 SF	BUSINESS AREAS	150 SF	17
CORRIDOR +	1126 SF	BUSINESS AREAS	150 SF	8
* LOCKERS	400 SF	LOCKER ROOMS	50 SF	8
GYM	597 SF	EXERCISE ROOMS	50 SF	12
MECHANICAL / ELEC	275 SF	BUSINESS AREAS	150 SF	2
* FIREMATIC SUPPORT II	949 SF	BUSINESS AREAS	150 SF	7
STAIR / ELEVATOR	327 SF	BUSINESS AREAS	150 SF	3
STAIR / LIFT	325 SF	BUSINESS AREAS	150 SF	3
* TURN OUT GEAR	617 SF	LOCKER ROOMS	50 SF	13
CORRIDOR	424 SF	BUSINESS AREAS	150 SF	3
* FIREMATIC SUPPORT I	203 SF	BUSINESS AREAS	150 SF	2
	7669 SF			78
RESIDENTIAL, R-3				
DORMS	339 SF	DORMITORIES	50 SF	7
	339 SF			7
STORAGE, S-2 (LOW HAZARD STORAGE)				
APP BAYS	5732 SF	PARKING GARAGES	200 SF	29
DISPLAY	622 SF	PARKING GARAGES	200 SF	4
	6354 SF			33
EXIST. SECOND FLOOR				
ASSEMBLY, A-3				
MEETING ROOM	1510 SF	ASSEMBLY WITHOUT FIXED SEATS - CONCENTRATED	7 SF	216
	1510 SF			216
BUSINESS, B				
2ND FLOOR SUPPORT I	813 SF	BUSINESS AREAS	150 SF	6
2ND FLOOR SUPPORT II	471 SF	BUSINESS AREAS	150 SF	4
EXIST. KITCHEN	348 SF	BUSINESS AREAS	150 SF	3
	1632 SF			13
BUILDING TOTAL	18230 SF			396

PLUMBING FIXTURE COUNTS

**SEE CODE OCCUPANCY SCHEDULE ABOVE FOR SPACES THAT ARE CONSIDERED NON-SIMULTANEOUS OCCUPANCY FOR PLUMBING FIXTURE COUNTS.*

***IN EACH BATHROOM OR TOILET ROOM, URINALS SHALL NOT BE SUBSTITUTED FOR MORE THAN 67% OF THE REQUIRED WATER CLOSETS FOR MALES IN ASSEMBLY AND EDUCATIONAL OCCUPANCIES; 50% MAX FOR ALL OTHER OCCUPANCIES.*

OCCUPANT TOTALS	REQUIRED USE GROUP B FIRST 50	REQUIRED USE GROUP R	REQUIRED USE GROUP A	REQUIRED USE GROUP S	SUBTOTAL REQUIRED	TOTAL REQUIRED	PROVIDED IN GENDER NEUTRAL ROOM 1ST FLOOR		PROVIDED IN GENDER NEUTRAL ROOM 2ND FLOOR	
B= 61 S= 33 R= 7 A= 265	31M / 31F	4M / 4F	133M / 133F	17M / 17F						
WATER CLOSETS, FEMALE	1 PER 25 1.24	1 PER 10 0.35	1 PER 75 1.78	1 PER 100 0.17	3.54	4	3		1	
WATER CLOSETS, MALE	1 PER 25 1.24	1 PER 10 0.35	1 PER 75 1.78	1 PER 100 0.17	3.54	4	1	5	1	3
URINALS**							4		2	
LAVATORIES, FEMALE	1 PER 40 0.78	1 PER 10 0.35	1 PER 200 0.67	1 PER 100 0.17	1.97	2	2		1	
LAVATORIES, MALE	1 PER 40 0.78	1 PER 10 0.35	1 PER 200 0.67	1 PER 100 0.17	1.97	2	2		1	
SHOWER, FEMALE		0.44			0.44	1	1		0	
SHOWER, MALE		0.44			0.44	1	1		0	
DRINKING FOUNTAINS	1 PER 100 0.62	1 PER 100 0.08	1 PER 500 0.54	1 PER 1,000 0.04	1.28	2	3		2	
SERVICE SINKS	1	1	1	1	4	4	3		2	

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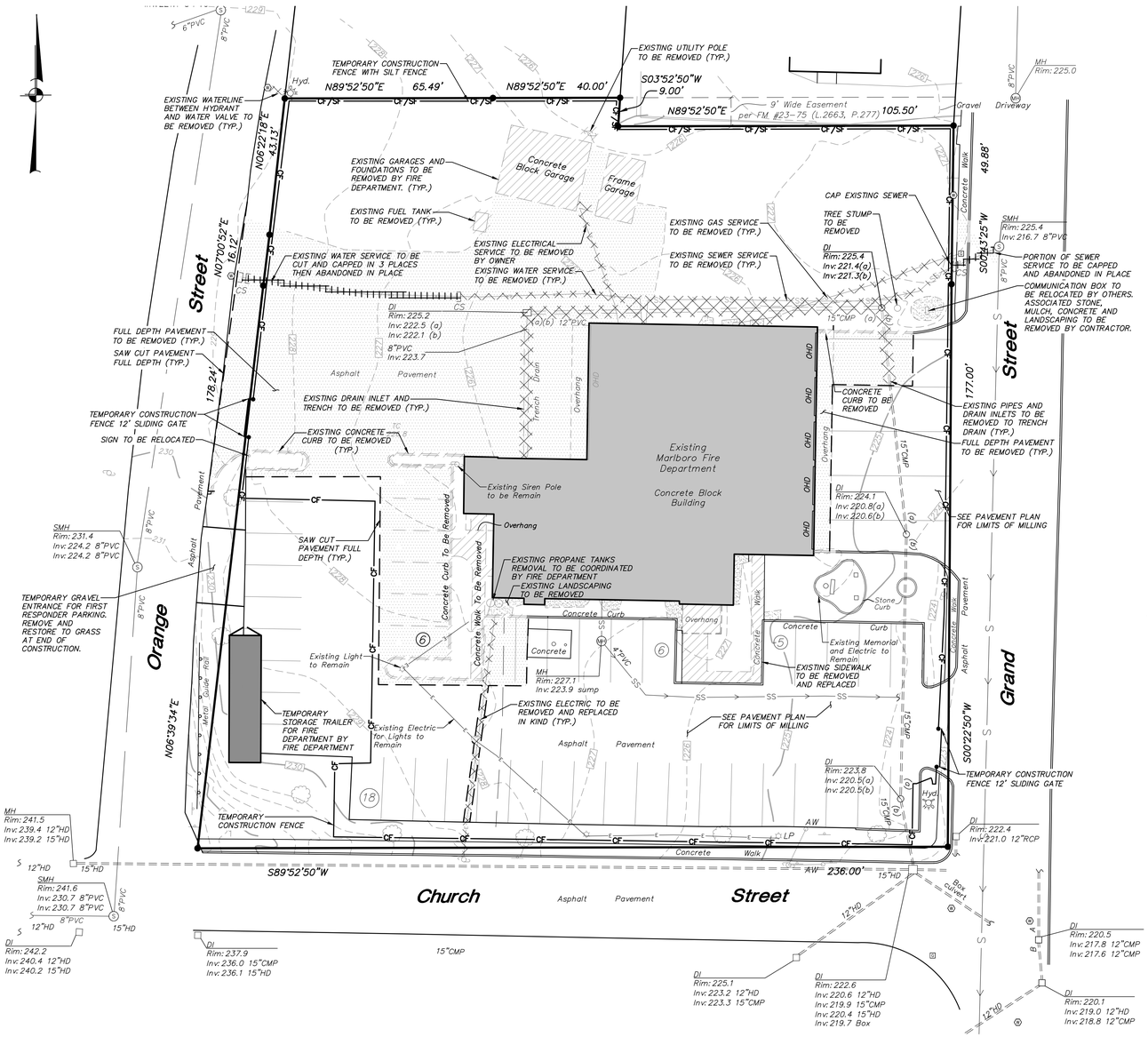
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DWG. TITLE

CODE COMPLIANCE PLANS

0 1" 2"
GENERIC SCALE BAR
SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING. IF NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY

DATE	06/15/2026
SCALE	As indicated
DWN.	SSS CHK. NM
PROJ. No.	653001
DWG. No.	**G100**



LEGEND

- EXISTING PROPERTY LINE
- EXISTING CONCRETE CURB
- EXISTING EDGE OF PAVEMENT
- EXISTING METAL GUILDRAIL
- EXISTING UTILITY POLE w/ guy & overhead wires
- EXISTING UTILITY PAD & RISERS
- TSB — EXISTING TRAFFIC SIGNAL BOX
- EXISTING SIGN
- EXISTING UNDERGROUND DRAINAGE PIPE
- SS — EXISTING UNDERGROUND SEWER SERVICE
- W — EXISTING UNDERGROUND WATER SERVICE
- G — EXISTING UNDERGROUND GAS SERVICE
- E — EXISTING UNDERGROUND ELECTRIC SERVICE
- CB — EXISTING CATCH BASIN
- MH — EXISTING MANHOLE (type unidentified)
- D — EXISTING DRAINAGE MANHOLE
- S — EXISTING SEWER MANHOLE
- EXISTING POST MOUNTED LIGHT
- EXISTING LIGHT POLE
- EXISTING HYDRANT
- EXISTING GAS VALVE
- W — EXISTING WATER VALVE
- CS — EXISTING CURB STOP
- 228 — EXISTING 5' CONTOUR
- EXISTING 1' CONTOUR
- EXISTING SPOT GRADE
- EXISTING DECIDUOUS TREE
- EXISTING SURFACE SITE FEATURE TO BE REMOVED
- EXISTING SUBSURFACE SITE FEATURE TO BE REMOVED
- EXISTING ASPHALT PAVEMENT TO BE REMOVED
- EXISTING SUBSURFACE SITE FEATURE TO BE ABANDONED
- CF — TEMPORARY CONSTRUCTION FENCE
- CF/SF — TEMPORARY CONSTRUCTION FENCE WITH SILT FENCE

REMOVAL NOTES

1. Prior to submitting the bid, the contractor shall visit the site and familiarize themselves with the site conditions and existing improvements to be removed.
2. The contractor shall provide all removals incidental and necessary to execute the work prescribed in the contract documents. All existing features specified to be removed shall be removed in their entirety unless otherwise authorized in writing by the owner or the project engineer.
3. These drawings are intended to show an overall Limit of Disturbance and general features to be removed. Not all features incidental to the general scope of the site work have been shown to be removed. The contractor shall be responsible for all removals within the limits of both above and below grade features, necessary for the construction of the site improvements shown hereon.
4. Refer to construction sequence for sequence of utility removal and replacement.
5. All underground utility piping (water, sewer, drainage conduits) noted to be abandoned in place shall be capped and abandoned in place. All abandoned pipes left in place shall be filled with controlled low strength material (CLSM) sealing both ends. Any exposed utility piping shall be cut and removed such that a minimum of 1' of soil cover is maintained on all pipes that are to be capped and abandoned in place.
6. All building materials shall be demolished and removed from the site.
7. Burying of any demolished building materials on site is prohibited. Building foundations may be crushed and abandoned, filled in and restored in accordance with the project specifications.
8. All septic tanks shall be located prior to the start of demolition. All septic tanks shall be pumped by a licensed septic effluent hauler and disposed of in accordance with all pertinent regulations. The tanks shall then be crushed and abandoned in place. Septic tanks also include grease traps, manholes, dosing tanks and chlorine contact tanks.
9. For any below grade slab or bottom of tank that is to be demolished and abandoned in place, the concrete shall be pulverized so that there are no pieces of concrete remaining that are larger than 3 ft by 3 ft.
10. Remove existing electrical wiring and conduit back to the source panel.
11. Refer to the Project Specifications for hazardous material disposal.

GENERAL NOTES

1. All boundary, topographic and existing site feature information shown hereon has been taken from Survey of Property Prepared for Marlboro Fire District by Insite Engineering, Surveying, & Landscape Architecture, P.C. last revised March 19, 2026.

CONSTRUCTION NOTES:

1. The contractor is advised that additional notes will be found on subsequent drawings and such notes, while pertaining to the specific drawings they are placed in, also supplement the construction notes listed hereon.
2. All work and materials shall be in accordance with these plans and project specifications.
3. The contractor shall notify the Engineer 72 hours prior to start of work.
4. The contractor shall have a representative onsite that is a NYSDEC Trained Contractor at all times site work is being performed under this contract. The contractor shall provide a contractor's certification as contained in the NYSDEC Construction Site Logbook to the project engineer upon start of construction.
5. The contractor shall coordinate the layout of the work with the owner, and the project engineer, and eliminate all conflicts including but not limited to utility location conflicts, prior to commencement of any proposed work.
6. The contractor shall coordinate their construction operations with the project engineer and any other contractors/subcontractors and construction activities occurring simultaneously on the property.
7. It shall be the contractor's/subcontractor's responsibility to provide sanitary facilities (i.e. porta-john (and other necessary temporary facilities) throughout the duration of construction.
8. The contractor shall be responsible for providing all power, water, and other resources necessary to complete the project work.
9. Minimum OSHA site standards must be maintained including personal protective equipment and vests. The contractor shall be responsible for guarding and protecting all open excavations in accordance with the latest edition and current OSHA requirements.
10. The contractor shall field verify all dimensions relative to the scope of work.
11. The contractor shall stake out the limits of clearing and it shall be reviewed with the project engineer prior to the start of clearing operations. Existing trees to remain outside the limits of clearing shall be protected per the detail.
12. It shall be the contractor's responsibility to identify and protect all underground utilities. The contractor shall contact Dig Safely New York at 811 or 1-800-962-7962 and any other required utility locators prior to the start of construction.
13. The exact location, size, and type of the existing utilities may differ from what is shown hereon. The contractor shall field verify the location, size and type of the existing utilities by performing a test pit ahead of construction as necessary to permit revisions to meet existing utilities or relocate proposed utilities as required. Horizontal location and elevation of the existing utility as determined by test pit shall be provided to the project engineer.
14. The contractor shall field verify the existing grades / utility locations prior to commencement of any work. Any discrepancy shall be reported to the project engineer when identified.
15. The contractor shall perform all work with care so that any materials which are to remain in place, or which are to remain on the property, shall not be damaged. The contractor will be held responsible for all damage caused to existing utilities / features / facilities / vegetation during execution of the work not proposed to be modified or removed by these plans. All damage to any existing utilities / features / facilities / vegetation not proposed to be modified by the contract shall be repaired or replaced by the contractor to the satisfaction of the owner at no additional cost.
16. Original condition shall mean the condition in which the feature was found (or better) at the start of construction.
17. The contractor shall be responsible for the implementation and maintenance of erosion and sediment controls (shown or not) as necessary to prevent erosion and migration of sediment outside of the contract limit line or into the stormwater collection system. Erosion and sediment controls may include but are not limited to silt fence, stabilized construction entrance, berms and inlet protection. All erosion and sediment controls shall be installed in accordance with the New York State Standards and Specifications for Erosion and Sediment Control. Additional erosion and sediment controls may be required during construction by the project engineer. All disturbed areas shall be stabilized in accordance with the Erosion & Sediment Control Notes and details.
18. Silt fence shall be installed parallel to the contours.
19. Contractor is responsible for protecting soil stockpiles, trenches, and building excavations against weather. No additional fee will be paid to the contractor for removal and replacement of suitable soils due to degradation from weather related events.
20. During execution of the work, the contractor shall be responsible for dewatering and control of surface water in accordance with the New York State Standards and Specifications for Erosion and Sediment Control. The New York State Standards and Specifications for Erosion and Sediment Control can be found at http://www.dec.ny.gov/chemical/29066.html.
21. All existing pavement shall be cleaned and swept prior to the completion of construction.
22. The contractor shall provide temporary construction fence for all work areas including the material storage/staging areas.
23. All personal vehicles, materials, and construction equipment must be kept within the construction staging area. Use of additional onsite storage areas must be pre-authorized by the owner of the property.
24. Trees shown on the plans for reference only. All trees and vegetation within the contract limit line shall be removed unless otherwise labeled to be protected and saved. Not all trees to be removed may be shown. Tree removal shall include stump removal.
25. Topsoil and subsoil shall be stripped, screened, and stockpiled in locations shown for future use. The contractor must keep enough topsoil onsite for final restoration. Four inches of screened topsoil shall be placed and raked to finish grade over all disturbed areas not covered by pavement, concrete and/or gravel surfaces, unless otherwise noted.
26. The contractor shall maintain existing grades unless otherwise noted.
27. Contractor shall be responsible for removal of all excess rock, topsoil, subsoil, and construction debris from the site.
28. There shall be no burying of construction and demolition (C&D) debris or stumps on site. All C&D debris and stumps must be removed by the contractor, and disposed of in accordance with all pertinent regulations.
29. All proposed concrete drainage structures shall be precast concrete and all structures, frames, and grates are to meet H-20 loading requirements.
30. Design Engineer to approve locations and elevations of all structures prior to placement.
31. Where side drain inlets are proposed the Contractor shall extend the upstream swale to the side inlet of the drainage structure.
32. Unless otherwise shown on the drawings the contractor shall match the material, thickness and quality of all existing pavements that are to be replaced.
33. Temporary asphalt wedges shall be placed in all areas open to vehicular access. The wedges shall be installed between any sudden abrupt grade changes in excess of 1" as a result of construction. All temporary wedges shall be removed prior to placement of asphalt course.
34. The contractor will be responsible for the implementation of all maintenance and protection of traffic (MP&T) measures if necessary. MP&T shall include but not be limited to placement of traffic cones and warning signs around work zone. Safe and adequate pedestrian vehicular traffic flow shall be maintained at all times to the existing buildings, while the work is in progress. The contractor shall submit for approval of the Architect, a construction sequence schedule and plan for pedestrian and vehicular traffic flow.

INSITE NYS CERTIFICATE OF AUTHORIZATION NUMBER: 0021263
LICENSED PROFESSIONAL REGISTRATION EXPIRATION: 6-30-2028
ALTERATION OF THIS DOCUMENT IS A VIOLATION OF SECTION 7209 OF ARTICLE 145 OF THE EDUCATION LAW, UNLESS UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER.

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MARLBOROUGH FIRE DISTRICT

MARLBORO HOSE CO. NO. 1
14 GRAND STREET,
MARLBORO, NY 12542

MARLBOROUGH FIRE STATION ADDITIONS AND RENOVATION

CONSTRUCTION DOCUMENTS

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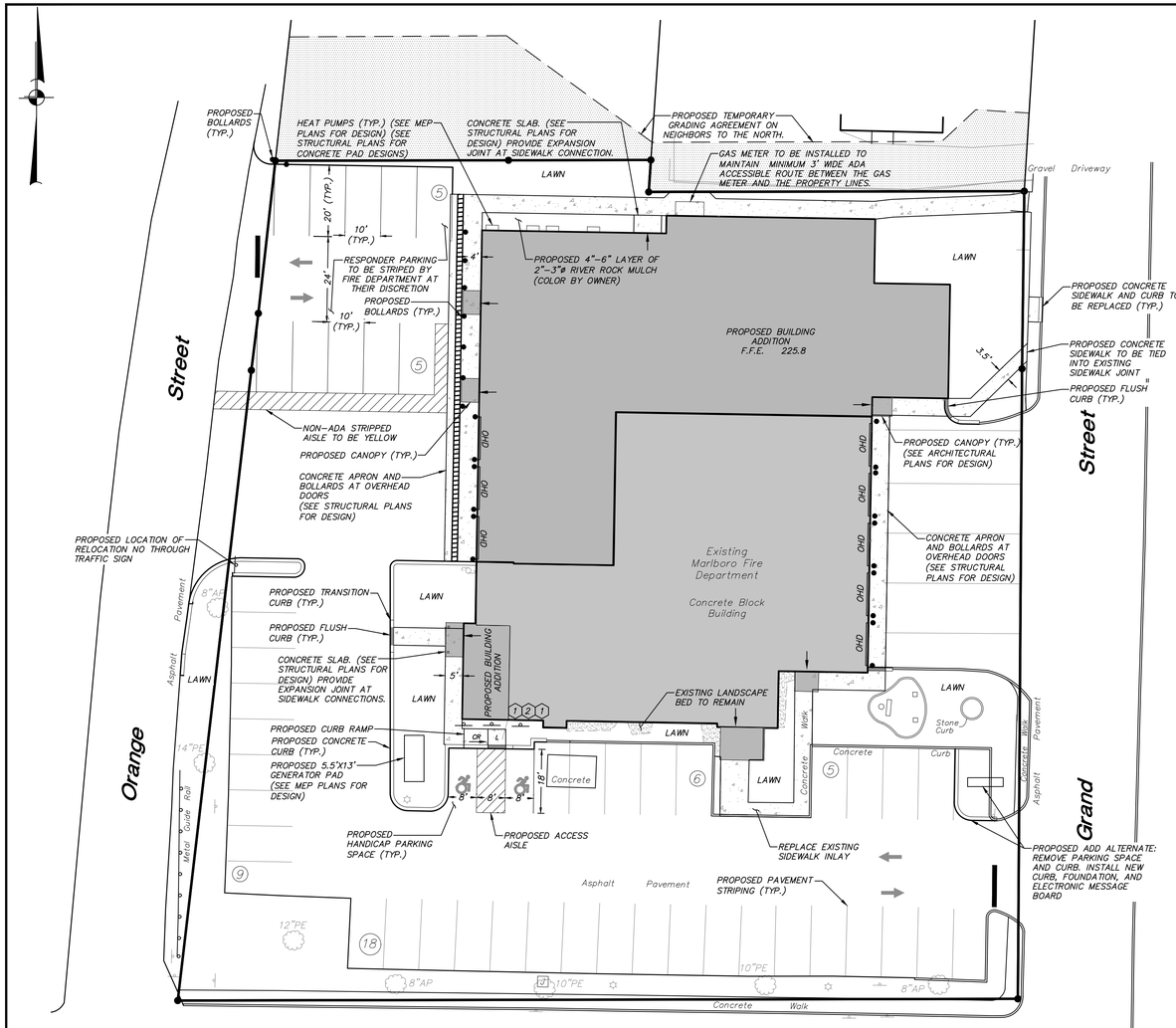
NO.	REVISIONS	DATE
2	ISSUED FOR BID	06/10/2026

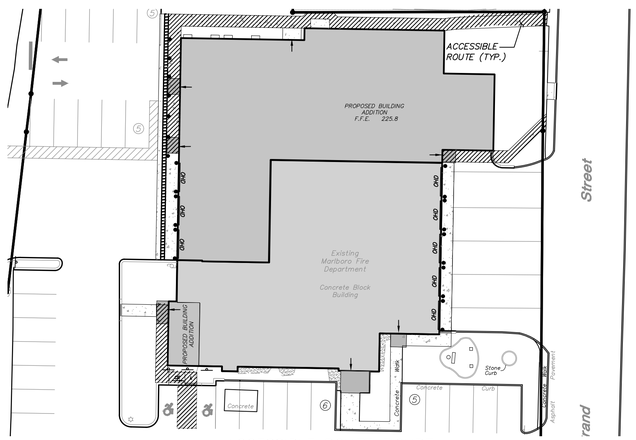
DWG. TITLE

EXISTING CONDITIONS AND REMOVALS PLAN

0 1" 2"
GENERIC SCALE BAR
SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING. IF NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY

DATE	02-03-2026
SCALE	1" = 20'
DWN.	H.M.F. CHK. E.M.S.
PROJ. No.	25214.100
DWG. No.	C100





ACCESSIBLE ROUTE FIGURE

SCALE: 1" = 30'

ACCESSIBLE ROUTE MUST MEET GENERAL NOTES FOR ACCESSIBLE ROUTES AND DESIGN ELEMENT TOLERANCE TABLE ON DRAWING C101

LEGEND

- EXISTING PROPERTY LINE
- EXISTING CONCRETE CURB
- EXISTING SIGN
- EXISTING DECIDUOUS TREE
- PROPOSED # OF STALLS TO BE STRIPED
- PROPOSED CONCRETE CURB
- PROPOSED EDGE OF SIDEWALK
- PROPOSED PAINTED STOPBAR
- PROPOSED PAINTED DIRECTIONAL ARROW
- PROPOSED PAINTED HANDICAP PARKING SYMBOL
- PROPOSED ADA COMPLIANT CURB RAMP (see detail and Accessible Routes Notes)
- PROPOSED SIDEWALK LANDING
- PROPOSED STRIPED ISLAND
- PROPOSED RECYCLE / TRASH CONTAINER / REFUSE ENCLOSURE
- PROPOSED SINGLE POLE SIGN
- PROPOSED BOLLARD
- PROPOSED DOOR LOCATION
- PROPOSED OVERHEAD DOOR LOCATION

GENERAL SITE SEEDING NOTES:

1. All proposed seeded areas to receive 4" min. depth of topsoil. Soil amendments and fertilizer application rates shall be determined based on specific testing of topsoil material.
2. Upon final grading and placement of topsoil and any required soil amendments, areas to receive permanent vegetation cover in combination with suitable mulch as follows:
   - select seed mixture per drawings and seeding notes.
   - fertilizer applied at the manufacturer's recommended rate using Lesco 10-0-18 (no phosphorous) fertilizer or equivalent.
   - mulch: salt hay or small grain straw applied at a rate of 90 lbs./1000 s.f. or 2 tons/acre, to be applied and anchored according to New York State Standards and Specifications for Erosion and Sediment Control, August 2005.
   - if the season prevents the establishment of a permanent vegetation cover, the disturbed areas will be mulched with straw or equivalent.
3. The seed mixes as specified on these drawings are as follows:
   A. Seed Mix for lawn areas and mow strip along roads at a rate of 100 lbs. per acre:

Kentucky Bluegrass	20%
Creeping Red Fescue	40%
Perennial Ryegrass	20%
Annual Ryegrass	20%

GENERAL PLANTING NOTES:

1. All proposed planting beds to receive a 12" min. depth of topsoil. Soil amendments and fertilizer application rates shall be determined based on specific testing of topsoil material.
2. Any new soils added will be amended as required by results of soil testing and placed using a method that will not cause compaction.
3. No fertilizer shall be added in stormwater basin plantings. Nutrient requirements to be met by incorporation of acceptable organic matter.
4. All plant material to be nursery grown.
5. Plants shall conform with ANSI Z60.1 American Standard for Nursery Stock in all ways including dimensions.
6. Plant material shall be taken from healthy nursery stock.
7. All plants shall be grown under climate conditions similar to those in the locality of the project.
8. Plants shall be planted in all locations designed on the plan or as staked in the field by the Landscape Architect.
9. The location and layout of landscape plants shown on the site plan shall take precedence in any discrepancies between the quantities of plants shown on the plans and the quantity of plants in the Plant List.
10. Provide a 3" layer of shredded pine bark mulch (or as specified) over entire watering saucer at all tree pits or over entire planting bed. Do not place mulch within 3" of tree or shrub trunks.
11. All landscape plantings shall be maintained in a healthy condition at all times. Any dead or diseased plants shall immediately be replaced "in kind" by the contractor (during warranty period) or project owner.
12. All disturbed areas not finished with other surfaces shall be planted as lawn.

SIGN DATA TABLE

LOCATION NO.	TEXT	M.U.T.C.D. NUMBER	SIZE OF SIGN (s.f.)	DESCRIPTION
1	RESERVED PARKING VAN ACCESS	NY R7-8*	12" x 18"	Green on White Blue Symbol
		R7-8P	12" x 6"	Green on White
2	NO PARKING ANY TIME	R7-1	12" x 18"	Red on White

* NOTE: New NYS Handicap symbol recognized only by NYS

DESIGN ELEMENT TOLERANCES

ELEMENT	DESIGN AND FIELD LAYOUT LIMIT	LIMIT FOR WORK ACCEPTANCE
SIDEWALK/RAMP CROSS SLOPE – SEE NOTES 11, 13, & 16	1.5% MAX. *	2.0% MAX.
SIDEWALK GRADE (RUNNING SLOPE) – SEE NOTES 10 & 13	4.5% MAX.	5.0% MAX.
CURB RAMP GRADE (RUNNING SLOPE) – SEE NOTE 13	7.5% MAX.	8.3% MAX.
BLENDED TRANSITION GRADE (RUNNING SLOPE) – SEE NOTE 7	4.5% MAX.	5.0% MAX.
ACCESSIBLE PARKING SPACES & ACCESS AISLES (SURFACE SLOPES – ALL DIRECTIONS) – SEE NOTE 12	1.5% MAX. *	2.0% MAX.
RAMPS (RUNNING SLOPE) – SEE NOTE 16	7.5% MAX.	8.3% MAX.

* While providing positive drainage.

GENERAL NOTES FOR ACCESSIBLE ROUTES:

1. Accessible routes to and within a site shall be provided from accessible building entrances to accessible pedestrian walkways, accessible facilities, accessible site elements and spaces, accessible parking spaces, access aisles, passenger loading zones, and to the public way, including public transportation stops, public streets and sidewalks.
2. These sheets are in accordance with the Americans with Disabilities Act (ADA) and the NYS Building Code for Site Accessibility.
3. Dimensions shown in the details as minimums and maximums are the limits for design and field layout. Facilities shall not be constructed with values outside the limits for work acceptance. See table "Design Element Tolerances" on this sheet.
4. To check field layout and to verify work acceptance, all slopes and grades will be measured with a 4' long digital level using at least two readings. Where the readings vary, the measurements will be averaged. Grade (running slope) will be measured along the centerline and offset 1' to 1'-6" from the centerline. Cross slopes will be measured perpendicular to centerline at 5' to 10' intervals.
5. Grade (running slopes) are measured in the direction of pedestrian travel. Cross slopes are measured perpendicular to the direction of pedestrian travel.
6. Joints between sidewalks, curbs, turning spaces and roadways shall be flush and free from abrupt vertical changes greater than 1/4". Vertical surface discontinuities between 1/4" and 1/2" shall be beveled with a slope not steeper than 1V:2H. The bevel shall be applied across the entire joint.
7. Sidewalks are connected to roadways by either blended transitions or curb ramps. Blended transitions are connections between the sidewalk level and the roadway level that have a maximum grade (running slope) of 5.0% and transitions greater than 5.0% are considered curb ramps.
8. Curb ramps and blended transitions may require the installation of detectable warnings. See additional "Detectable Warning" notes on this sheet, and sidewalk and curb ramp details included in the site plan set.
9. Vertical alignment shall be generally planar. Grade breaks within the pedestrian access route shall be perpendicular to the direction of travel and shall not be rounded.
10. Sidewalk grade (running slope) shall not exceed 4.5% for design and layout, except when matching into existing sidewalk or when the highway grade is steeper. When adjacent road grade is greater than 5.0%, the sidewalk grade shall not exceed the adjacent road grade.
11. The cross slope of pedestrian access routes shall be 1.5% maximum for design and layout, and 2.0% maximum for work acceptance. The following exceptions are allowed:
    a. Where pedestrian street crossings are provided at intersections without yield or stop control, or where there is any traffic signal without a flashing red, the cross slope of a pedestrian access route contained within a street crossing shall be 4.5% maximum for design and layout, and 5.0% maximum for work acceptance.
    b. Where midblock pedestrian street crossings are provided, the cross slope of a pedestrian access route contained within a midblock street crossing shall be permitted to equal the street or highway grade.
12. Marked Accessible Parking Spaces and Access Aisles:
    a. Dimensions – accessible parking spaces shall be at least 8' wide and shall have an adjacent access aisle 8' wide measured perpendicular to the stall stripe to accommodate vans with lifts.
    b. Common access aisles for 90° parking – two accessible parking spaces may share a common access aisle. For acute angled parking, such as 60° parking, or where one way driveway aisles would prevent vans with passenger side lifts from backing into accessible spaces, an accessible access aisle must be provided for each accessible parking space, width of access aisles and parking spaces are measured perpendicular to the striping.
    c. Signing – each accessible parking space shall be marked by permanently installed signs which display the International Symbol of Access. Each access aisle shall be marked by permanently installed signs indicating that stopping is not permitted in the aisle. Signs shall not block the accessible clear width of adjacent walkways. Signs located where they may be hit by vehicles being parked shall be installed in a post base. The bottoms of the signs located on posts installed in paved areas shall be 7' minimum above the walkway surface. The bottoms of signs located in unpaved area shall be 7' minimum above the pavement surface.
    d. Surface slopes – slopes of accessible parking spaces, access aisles, and adjoining walkways shall be 1.5% maximum in any direction for design and layout, and 2.0% maximum for work acceptance, while providing positive drainage.
    e. Overhead clearance – vehicle access routes to and from accessible parking spaces, including in garages and open parking structures, shall have a minimum vertical clearance of 8'-2".
    f. Pavement marking colors – required accessible parking space and access aisle striping and other optional pavement markings, such as the International Symbol of Access, shall be painted white or blue.
    g. A smooth, flush transition must be provided between all pedestrian walkways, accessible parking spaces and aisles.
    h. Where a change in direction is required to access a curb ramp from an access aisle, a turning space 4'-0" x 4'-0" minimum shall be provided at the base or the top of curb ramp, as applicable. The cross slope of turning spaces shall not exceed 1.5% in any direction for design and layout, and 2.0% for work acceptance, while providing positive drainage.
13. Sidewalk Curb Ramps:
    a. Walking surfaces of sidewalk curb ramps shall be stable, firm and slip resistant.
    b. The minimum width of a curb ramp shall be 4'-0". Refer to site plans and sidewalk curb ramp details for curb ramp widths.
    c. The grade (running slope) of a curb ramp shall be a minimum of 5.0%. The grade for design and layout shall be 7.5% maximum, and 8.3% maximum for ADA accessibility and work acceptance.
    d. The cross slope of the curb ramp shall be as flat as possible and still provide positive drainage. The cross slope of a curb ramp shall not exceed 1.5% for design and layout, and 2.0% maximum for work acceptance.
    e. Where provided, side flares for curb ramps where a pedestrian circulation path crosses the curb ramp shall be 9.5% maximum for design and layout, and 10.0% maximum for work acceptance. The slope of flared sides is measured parallel to the curb line.
    f. Curb ramps at marked crosswalks shall be wholly contained within the markings, excluding any flared sides.
    g. Where a change in direction is required to utilize a curb ramp, a turning space shall be provided at the base or the top of curb ramp as applicable. Turning spaces shall be permitted to overlap clear spaces.
    h. Where there are no vertical constraints at the back of sidewalk, (e.g., vertical curb, buildings, fences) the turning space dimensions shall be 4'-0" x 4'-0" minimum. Where the turning space is constrained at the back of sidewalk, the turning space shall be 4'-0" x 5'-0" minimum. The 5'-0 dimension shall be provided perpendicular to the constraint.
    i. Turning spaces shall not be designed with cross slope greater than 1.5% in any direction for design and layout, while providing positive drainage. The maximum cross slope for work acceptance is 2.0%
    j. Beyond the bottom grade break, a clear space of 4'-0" x 4'-0" minimum shall be provided within the width of the pedestrian crosswalk, and outside the parallel vehicle travel lane. The clear space may overlap turning spaces, detectable warning surfaces, and drop curb.
14. Detectable Warning:
    a. Detectable warning surfaces shall be provided at curb ramps and blended transitions at pedestrian street crossings.
    b. Detectable warning surfaces shall be provided where the pedestrian access route crosses driveways with signal, yield or stop control. Detectable warning surfaces shall not be provided at crossings of uncontrolled driveway aprons.
    c. Some detectable warning products require a concrete border for proper installation. If required, the border shall not exceed 2". Where the back of curb edge is tooled to provide a radius, the border dimension shall be measured from the inside edge of the curb radius.
    d. The details provided are not drawn to scale. The quantity of domes depicted on the detectable warning unit is for illustration only. The size of the detectable warning field shall be 2'-0" minimum in the direction of travel and shall extend the full width of the curb ramp or flush surface, excluding any flared sides. The width of the detectable warning field includes a concrete border, if provided.
    e. On slopes of 5.0% or greater, the rows of domes shall be aligned to be perpendicular or radial to the lower grade break on the ramp run. Where domes are arrayed radially, they may differ in dome diameter and center-to-center spacing within the ranges specified on sheet 2 of the New York State Department of Transportation (NYSDOT) Standard Sheets 608-01. On slopes less than 5.0%, dome orientation is less critical and may differ from perpendicular or radial alignment to the grade break.
    f. The detectable warning field shall be the color specified in the contract documents. Detectable warning surfaces shall contrast visually with adjacent gutter, street, highway, or pedestrian access route surface, either light-on-dark or dark-on-light.
    g. Refer to sidewalk curb ramp details for additional information.
15. Walkways Along an Accessible Route:
    a. Walking surfaces shall be stable, firm and slip resistant.
    b. Vertical changes in level along walking surface shall not exceed 1/4". Changes in level greater than 1/4" in height and not more than 1/2" shall be beveled with a slope not steeper than 1V:2H.
    c. The running slope of the walking surfaces shall not be steeper than 4.5%.
    d. The cross slope of a walking surface shall not be steeper than 1.5%.
    e. The clear width of an accessible route shall be 3'-0" minimum.
    f. An accessible route with a clear width less than 5'-0" shall provide passing spaces at intervals of 200' maximum. Passing spaces shall be 5'-0" minimum by 5'-0" minimum.
16. Ramps along an accessible route:
    a. Ramp runs shall have a running slope greater than 5.0%
    b. Ramp runs shall have a running slope of 7.5% maximum for design and layout, and 8.3% maximum for work acceptance.
    c. The cross slope of ramp runs shall not exceed 1.5% for design and layout, and 2.0% maximum for work acceptance.
    d. Walking surfaces of ramp runs and associated landings shall be stable, firm and slip resistant.
    e. Handrails shall be provided on both sides of ramps.
    f. The clear width of a ramp run shall be 3'-0" minimum or as shown. Handrails and handrail supports provided on the ramp run shall not project into the required clear width of the ramp run or associated landing.
    g. The rise for any ramp run shall be 30 inches maximum. The length of any ramp run shall be 30 feet maximum unless approved by the project engineer.
    h. Ramps shall have landings at the bottom and top of each ramp run. Landings shall have a slope not to exceed 1.5% for design and layout, and 2.0% maximum for work acceptance, while providing positive drainage. Landings shall have a clear length and width of 5'-0" minimum.
    i. Adjacent finished grades along sides of ramp and landings shall not have a vertical drop-off greater than 1/2" within 10" of the edge of the concrete. If the adjacent finished grades do not meet this criterion, a 4" minimum high curb shall be provided (see plan for location).
    j. If drop-off to adjacent grade is 2'-6" or greater, "guards" will need to be provided to meet the requirements as specified in the NYS Building Code latest edition.
    k. Refer to concrete handicap ramp detail for additional information.
17. For access to and within refuse enclosures, refer to the Refuse Enclosure Detail.

INSITE NYS CERTIFICATE OF AUTHORIZATION NUMBER: 0021263

LICENSED PROFESSIONAL REGISTRATION EXPIRATION: 6-30-2028

ALTERATION OF THIS DOCUMENT IS A VIOLATION OF SECTION 7209 OF ARTICLE 145 OF THE EDUCATION LAW, UNLESS UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER.

MARLBOROUGH FIRE DISTRICT

MARLBORO HOSE CO. NO. 1
14 GRAND STREET,
MARLBORO, NY 12542

MARLBOROUGH FIRE STATION ADDITIONS AND RENOVATION

CONSTRUCTION DOCUMENTS

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Wendel WD Architecture, Engineering, Surveying and Landscape Architecture, P.C.

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NO.	REVISIONS	DATE
0	ISSUED FOR BID	06/15/2026

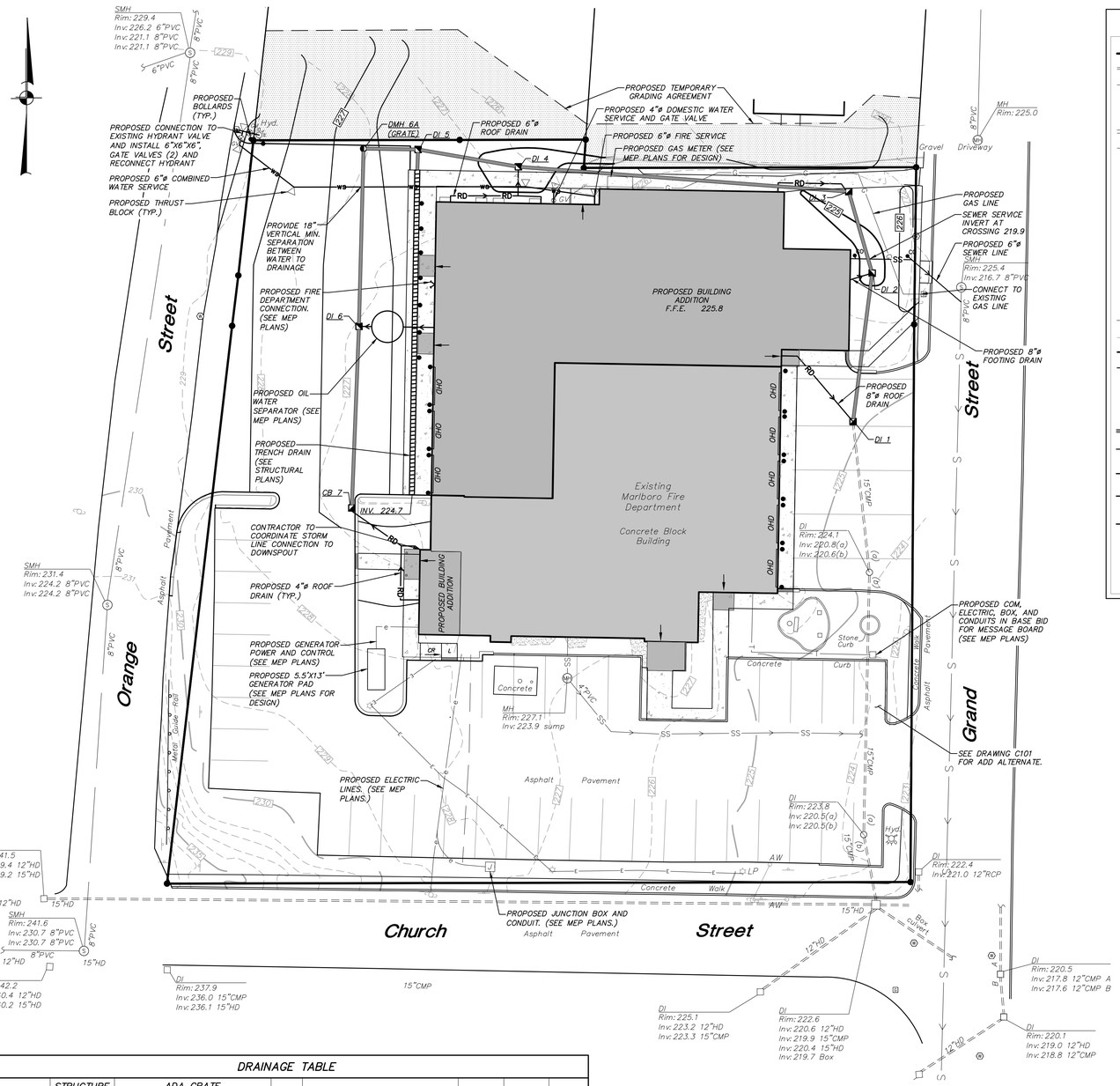
DWG. TITLE

LAYOUT PLAN

GENERIC SCALE BAR
0 1" 2"
SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING. IF NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY

DATE	02-03-2026
SCALE	1" = 20'
DWN.	H.M.F. CHK. E.M.S.
PROJ. No.	25214.100
DWG. No.	C101

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LEGEND

- EXISTING PROPERTY LINE
- EXISTING CONCRETE CURB
- EXISTING UTILITY POLE w/ guy & overhead wires
- EXISTING UTILITY PAD & RISERS
- TSB — EXISTING TRAFFIC SIGNAL BOX
- EXISTING UNDERGROUND DRAINAGE PIPE
- SS — EXISTING UNDERGROUND SEWER SERVICE
- CB — EXISTING CATCH BASIN
- MH — EXISTING MANHOLE (type unidentified)
- D — EXISTING DRAINAGE MANHOLE
- S — EXISTING SEWER MANHOLE
- EXISTING POST MOUNTED LIGHT
- EXISTING LIGHT POLE
- EXISTING HYDRANT
- EXISTING GAS VALVE
- EXISTING WATER VALVE
- CS — EXISTING CURB STOP
- 228 — EXISTING 5' CONTOUR
- EXISTING 1' CONTOUR
- 225 — PROPOSED 5' CONTOUR
- PROPOSED 1' CONTOUR
- PROPOSED DRAINAGE MANHOLE
- PROPOSED CATCH BASIN / DRAIN INLET
- GV — PROPOSED WATER GATE VALVE
- PROPOSED 15"ø HDPE (unless otherwise noted)
- SS — PROPOSED 6"ø PVC SDR 35 SEWER SERVICE LINE AT 2.0% MIN. SLOPE
- WS — PROPOSED 6"ø PVC DR-14 COMBINED DOMESTIC AND FIRE WATER SERVICE LINE
- RD — PROPOSED 4"ø PVC SDR 35 ROOF DRAIN AT 1.0% MIN. SLOPE (unless otherwise noted) (Painted to match building when above ground)
- FD — PROPOSED FOOTING DRAIN (see structural drawings for size)
- PTD — PITCH TO DRAIN
- CO — PROPOSED CLEAN OUT
- PROPOSED THRUST BLOCK

DRAINAGE TABLE

STRUCTURE	STRUCTURE SIZE	ADA GRATE REQUIRED	RIM	INVERT ELEVATION	PIPE	LENGTH	SLOPE
CB 7	30" X 48"	NO	226.5	INV. OUT = 223.20 TO DI 6	15" HDPE	58 L.F.	0.5%
DI 1	30" X 48"	NO	225.2	INV. IN = 221.10 FROM DI 2	15" HDPE	48 L.F.	0.6%
DI 2	24" X 24"	NO	224.6	INV. IN = 221.40 FROM DI 3 INV. OUT = 221.40 TO DI 1	15" HDPE 15" HDPE	27 L.F. 48 L.F.	0.7% 0.6%
DI 3	24" X 24"	NO	225.3	INV. IN = 221.60 FROM DI 4 INV. OUT = 221.60 TO DI 2	15" HDPE 15" HDPE	105 L.F. 27 L.F.	0.6% 0.7%
DI 4	30" X 48"	NO	224.6	INV. IN = 222.20 FROM DI 5 INV. OUT = 222.20 TO DI 3	15" HDPE 15" HDPE	32 L.F. 105 L.F.	0.6% 0.6%
DI 5	24" X 24"	NO	225.1	INV. IN = 222.40 FROM DMH 6A INV. IN = 222.40 FROM TD 5A INV. OUT = 222.40 TO DI 4	15" HDPE 15" HDPE 15" HDPE	17 L.F. 7 L.F. 32 L.F.	1.2% 4.6% 0.6%
DI 6	30" X 48"	NO	226.4	INV. IN = 222.90 FROM CB 7 INV. OUT = 222.90 TO DMH 6A	15" HDPE 15" HDPE	58 L.F. 56 L.F.	0.5% 0.5%
DMH 6A	48" ø	CONCENTRIC CYLINDRICAL STRUCTURE	228.1	INV. IN = 222.60 FROM DI 6 INV. OUT = 222.60 TO DI 5	15" HDPE 15" HDPE	56 L.F. 17 L.F.	0.5% 1.2%
TD 5A	–	NO	225.0	INV. OUT = 222.70 TO DI 5	15" HDPE	7 L.F.	4.6%

NOTES:
1. CONTRACTOR TO COMPLETE TEST PIT FOR EXISTING PIPE CONNECTION AT DI 1 AND PROVIDE PIPE TYPE AND INVERT ELEVATION TO ENGINEER PRIOR TO SUBMITTALS FOR PRECAST CONCRETE.

INSITE NYS CERTIFICATE OF AUTHORIZATION NUMBER: 0021263

LICENSED PROFESSIONAL REGISTRATION EXPIRATION: 6-30-2028

ALTERATION OF THIS DOCUMENT IS A VIOLATION OF SECTION 7209 OF ARTICLE 145 OF THE EDUCATION LAW, UNLESS UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER.

PVC PIPE WATER TESTING PROCEDURES

TESTS ON PRESSURE PIPING FOR TRANSPORT OF WATER

A. *Hydrostatic Pressure Test*
Hydrostatic testing shall be performed in accordance with the revision of AWWA C605, Section 7.3, "Hydrostatic Testing".

1. *Test pressure shall be as scheduled or, where no pressure is scheduled, shall be 150% of the maximum working pressure or 150 psi, whichever is higher.*
2. *Test pressure shall be held on the piping for a period of at least 2 hours, unless a longer period is requested by the Engineer.*
3. *The test medium shall be water.*

B. *Hydrostatic Leakage Test*

1. *The leakage test shall be conducted concurrently with the pressure test.*
2. *The rate of leakage shall be determined at 15–minute intervals by means of volumetric measurement of the makeup water added to maintain the test pressure. The test shall proceed until the rate of leakage has stabilized or is decreasing below an allowable value, for three consecutive 15–minute intervals. After this, the test pressure shall be maintained for at least another 15 minutes.*
   a. *At the completion of the test, the pressure shall be released at the furthermost point from the point of application.*
3. *All exposed piping shall be examined during the test and all leaks, defective material or joints shall be repaired or replaced before repeating the tests.*
4. *The allowable leakage will be determined by the following formula.*

$$Q = \frac{LD\sqrt{P}}{148{,}000}$$

Where:
Q = quantity of makeup water, in gallons per hour
L = length of pipe tested, in feet
D = nominal diameter of the pipe, in inches
P = average test pressure during the hydrostatic test, in pounds per square inch (gauge)

5. *Regardless of the above allowables, any visible leaks shall be permanently stopped.*
6. *The test medium shall be water.*

C. *Disinfection*
Prior to placing the water main into service, the new pipe shall be cleaned and disinfected in accordance with the latest revision of AWWA C651, Section 4.4.3, "The Continuous Feed Method". The "Tablet Method" will not be accepted.

1. *All work under this section shall be performed in the presence of the Design Engineer, and a representative of the public health authority having jurisdiction, as required.*
2. *Chlorination shall be scheduled such that sampling and flushing will be performed during normal daylight working hours. The contractor shall provide acceptable backflow prevention on all supply water to prevent any potential backflow contamination or cross connection.*
3. *Chlorination shall be by the use of a solution of water and liquid chlorine, calcium hypochlorite or sodium hypochlorite and the solution shall be contained in the pipe or structure as specified.*
4. *Prior to chlorination, all dirt and foreign matter shall be removed by a thorough cleaning and flushing of the pipeline or structure.*
5. *The chlorine solution shall be introduced to pipelines through corporation stops placed in the horizontal axis of the pipe, to structures by means of tubing extending directly into the structure, or other approved methods.*
6. *The application of the chlorine solution shall be by means of a controlled solution feed device. The rate of chlorine solution flow shall be in such proportion to the rate of water entering the pipe or structure that the resulting free chlorine residual shall be between 25 and 50 parts per million (PPM) or milligrams per liter (mg/l).*
7. *The chlorine treated water shall be retained in the pipe or structure at least 24 hours, unless otherwise directed. During the retention period, all valves and hydrants within the treated sections shall be operated.*
8. *The chlorine residual shall be not less than 10 PPM (or mg/l) at any point in the pipe or structure at the end of the 24–hour retention period.*
9. *When making repairs to, or when specified, structures and portions of pipelines shall be chlorinated by a concentrated chlorine solution containing not less than 200 PPM (mg/l) of free chlorine. The solution shall be applied with a brush or sprayed on the entire inner surface of the empty pipes or structures. The structures disinfected shall remain in contact with the strong chlorine solution for at least 30 minutes.*
10. *After the required retention of chlorinated water in the pipe or structures, they shall be thoroughly flushed until the replacement water shall, upon test, both chemically and bacteriological, be proven equal to water quality served by the public from the existing water supply system.*
11. *The disposal of chlorinated water from any pipe or structure shall be such that it will not cause damage to any vegetation, fish, or animal life.*
12. *The Contractor shall make all arrangements for the testing of water quality by an approved independent laboratory. Two acceptable bacteriological test, taken at least 24 hours apart, shall be collected from the new water main. At least 1 set of samples must be collected from every 1,000 LF of the new water main, plus one set from the end of the line and at least one set from each branch. The results for all tests shall be forwarded to the Design Engineer and the public health authority having jurisdiction.*
13. *All water quality requirements shall be fulfilled prior to the passage of any water through the new system to a public supply or the use of the new system.*

PVC PIPE WATER LINE NOTES:

1. *All water lines shall be PVC Class 200 DR 14 pipe with factory installed push–on gaskets. All pipe shall be in conformance with the latest edition AWWA C900.*
2. *All water line fittings shall be Class 350 ductile iron mechanical joints in accordance with the latest edition of AWWA/ANSI Standards C111/A21.11. "GRIP RING" restrained joint connections shall be provided at every fitting (as manufactured by ROMAC Industries, Inc. or approved equal).*
3. *Thrust blocks shall be installed at all changes in horizontal or vertical alignment.*
4. *All water lines and appurtenances shall be installed in accordance with the latest edition of AWWA C605.*
5. *Gate valves shall be "Mueller" or approved equal, iron body, non–rising stem conventional packing, resilient seated, mechanical joint with restrained joint gaskets, pressure class 350, opening shall be left (CCW) and operation shall be by 2" square wrench nut.*
6. *All water lines and appurtenances (including water service lines up to the curb stop) shall be pressure tested and leakage tested to the satisfaction of the Design Engineer. This shall be done in accordance with the latest edition of AWWA Standard C605.*
7. *All water lines and appurtenances shall be flushed, disinfected, and tested to the satisfaction of the Design Engineer, and the Putnam County Department of Health. This shall be done in accordance with the latest edition of AWWA Standard C651, section 4.4.3, the "Continuous Feed Method". The "tablet method" will not be allowed.*
8. *Water lines shall be laid at least 10 feet horizontally from any existing or proposed sanitary or storm sewer main. The distance shall be measured edge to edge. In cases where it is not practical to maintain a 10 foot separation, the Design Engineer may allow deviation with prior approval on a case–by–case basis, if supported by data from the Design Engineer prior to the installation of the water lines. The horizontal separation shall also apply to service connections.*
9. *Water lines crossing sanitary or storm sewer mains shall be laid to provide a minimum vertical distance of 18 inches between the outside of the water main and the outside of the sewer. This shall be the case where the water line is either above or below the sewer. The crossing shall be arranged so that the sewer joints will be equidistant and as far as possible from the water line joints. Where a water line crosses under a sewer, adequate structural support shall be provided for the sewer to maintain line and grade. In cases where it is not practical to maintain the 18 inch vertical separation, the Design Engineer may allow deviation with prior approval on a case–by–case basis, if supported by data from the Design Engineer prior to the installation of the water lines. The vertical separation also applies to water service connections.*
9. *The Design Engineer, and Town's Authorized Representative shall be notified forty eight (48) hours before construction is started.*
10. *The water lines shall not be placed into service until a certificate of construction compliance has been submitted to and accepted by the Putnam County Department of Health.*
11. *The Design Engineer must be notified forty eight (48) hours prior to pressure testing the water main improvements.*
12. *The contractor shall notify the Design Engineer every day that water line construction shall occur.*

MARLBORO FIRE DISTRICT

MARLBORO HOSE CO. NO. 1
14 GRAND STREET,
MARLBORO, NY 12542

MARLBOROUGH FIRE STATION ADDITIONS AND RENOVATION

CONSTRUCTION DOCUMENTS

wendel
Centerpointe Corporate Park
375 Essjay Road, Suite 200
Williamsville, NY 14221
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Wendel WD Architecture, Engineering, Surveying and Landscape Architecture, P.C.

PREPARED BY:
INSITE ENGINEERING, SURVEYING & LANDSCAPE ARCHITECTURE, P.C.
3 Garrett Place • Carmel, New York 10512
Phone (845) 225–9690 • Fax (845) 225–9717
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NO.	REVISIONS	DATE
0	ISSUED FOR BID	06/15/2026

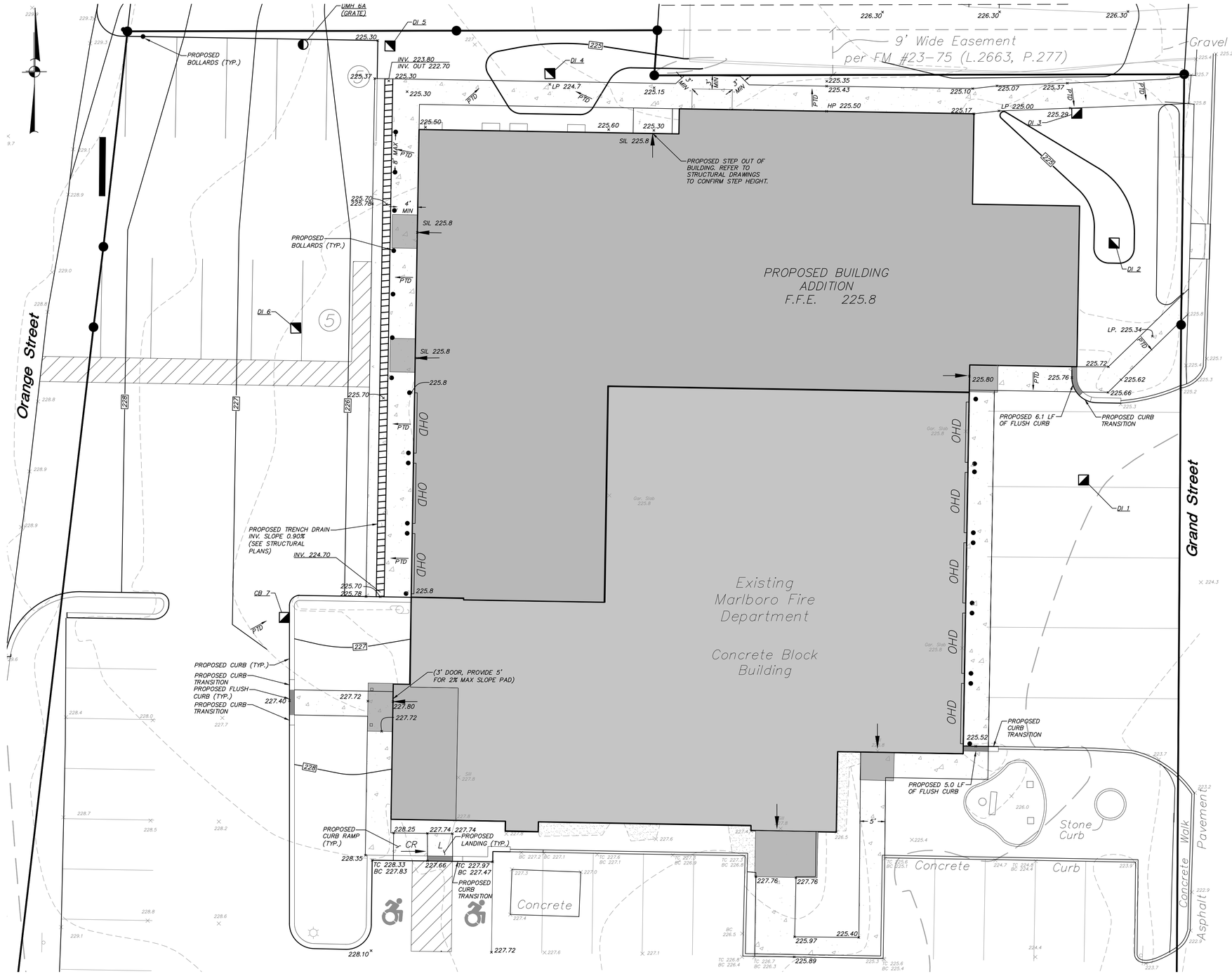
DWG. TITLE

GRADING, AND UTILITIES PLAN

0 1" 2"
GENERIC SCALE BAR
SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING. IF NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY

DATE	02-03-2026
SCALE	1" = 20'
DWN.	H.M.F. CHK. E.M.S.
PROJ. No.	25214.100
DWG. No.	C102

Z:\C\25214100 Wendel-Mirtha\Architect Associates\Marlboro Fire Station, Town of Marlborough\03 SP-2.dwg, 6/12/2026 10:26:20 AM, HFarnetti, 1:1



LEGEND

- EXISTING PROPERTY LINE
- EXISTING CONCRETE CURB
- EXISTING UNDERGROUND DRAINAGE PIPE
- CB — EXISTING CATCH BASIN
- MH — EXISTING MANHOLE (type unidentified)
- D — EXISTING DRAINAGE MANHOLE
- 228 — EXISTING 5' CONTOUR
- EXISTING 1' CONTOUR
- 223.5 × — EXISTING SPOT GRADE
- 225 — PROPOSED 10' CONTOUR
- PROPOSED 2' CONTOUR
- 223.5 223.5 — PROPOSED SPOT ELEVATION
- TC 223.5 / BC 223.0 — PROPOSED TOP OF CURB & BOTTOM OF CURB ELEVATIONS
- PTD — PROPOSED PITCH TO DRAIN

MARLBOROUGH FIRE DISTRICT

MARLBORO HOSE CO. NO. 1
14 GRAND STREET,
MARLBORO, NY 12542

MARLBOROUGH FIRE STATION ADDITIONS AND RENOVATION

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NO.	REVISIONS	DATE
4	ISSUED FOR BID	06/15/2026

DWG. TITLE

ENLARGED GRADING PLAN

GENERIC SCALE BAR
0 1" 2"
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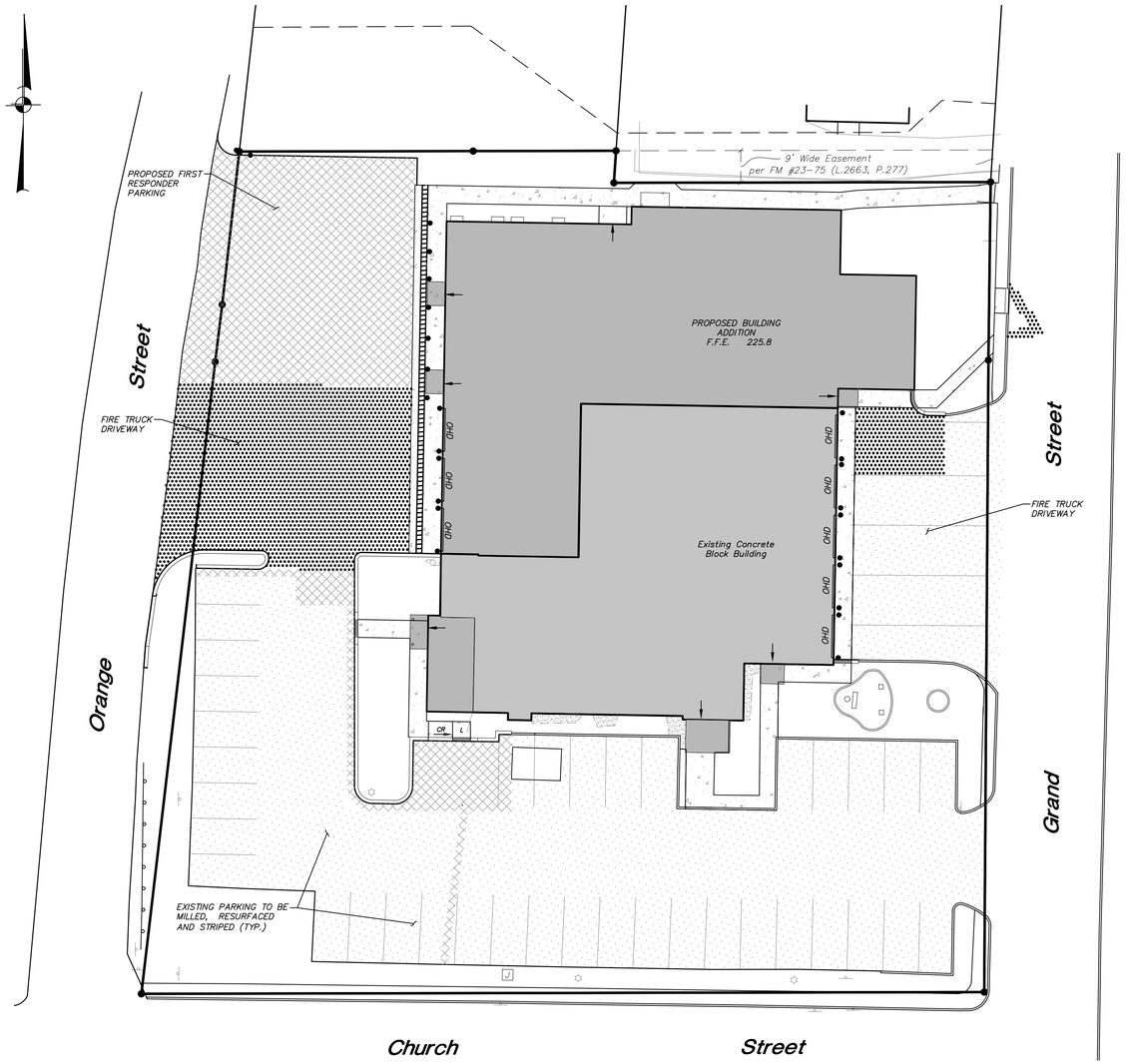
DATE	05-13-26
SCALE	1" = 10'
DWN.	H.M.F. CHK. E.M.S.
PROJ. No.	25214.100
DWG. No.	C103

INSITE NYS CERTIFICATE OF AUTHORIZATION NUMBER: 0021263

LICENSED PROFESSIONAL REGISTRATION EXPIRATION: 6-30-2028

ALTERATION OF THIS DOCUMENT IS A VIOLATION OF SECTION 7209 OF ARTICLE 145 OF THE EDUCATION LAW, UNLESS UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER.

Z:\C\25214000 Wendel-Mitchell Associates, Marlboro Fire Station, Town of Marlborough\04 SP-3.dwg 6/12/2026 11:27:12 AM, HFerrucchi, 1:1



LEGEND

- EXISTING PROPERTY LINE
- EXISTING CONCRETE CURB
- EXISTING EDGE OF PAVEMENT
- PROPOSED CONCRETE CURB
- PROPOSED EDGE OF SIDEWALK
- PROPOSED FULL DEPTH HEAVY DUTY PAVEMENT
- PROPOSED FULL DEPTH PARKING PAVEMENT
- PROPOSED 2" MILL AND 2" TOP COURSE OVERLAY

PAVING NOTES:

1. Contractor responsible for notifying engineer if truing and leveling course is necessary to meet design grades and if so shall be included in price. No extra payment will be made for truing and leveling course.
2. Contractor responsible for protecting pavement to be resurfaced during construction. No extra payment will be made for pavement damaged by construction.
3. Paving surfaces shall be prepared through cleaning and application of tack coat per specifications prior to paving.

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NO.	REVISIONS	DATE
0	ISSUED FOR BID	06/15/2026

DWG. TITLE

PAVEMENT PLAN

0 1" 2"
GENERIC SCALE BAR
SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING. IF NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY.

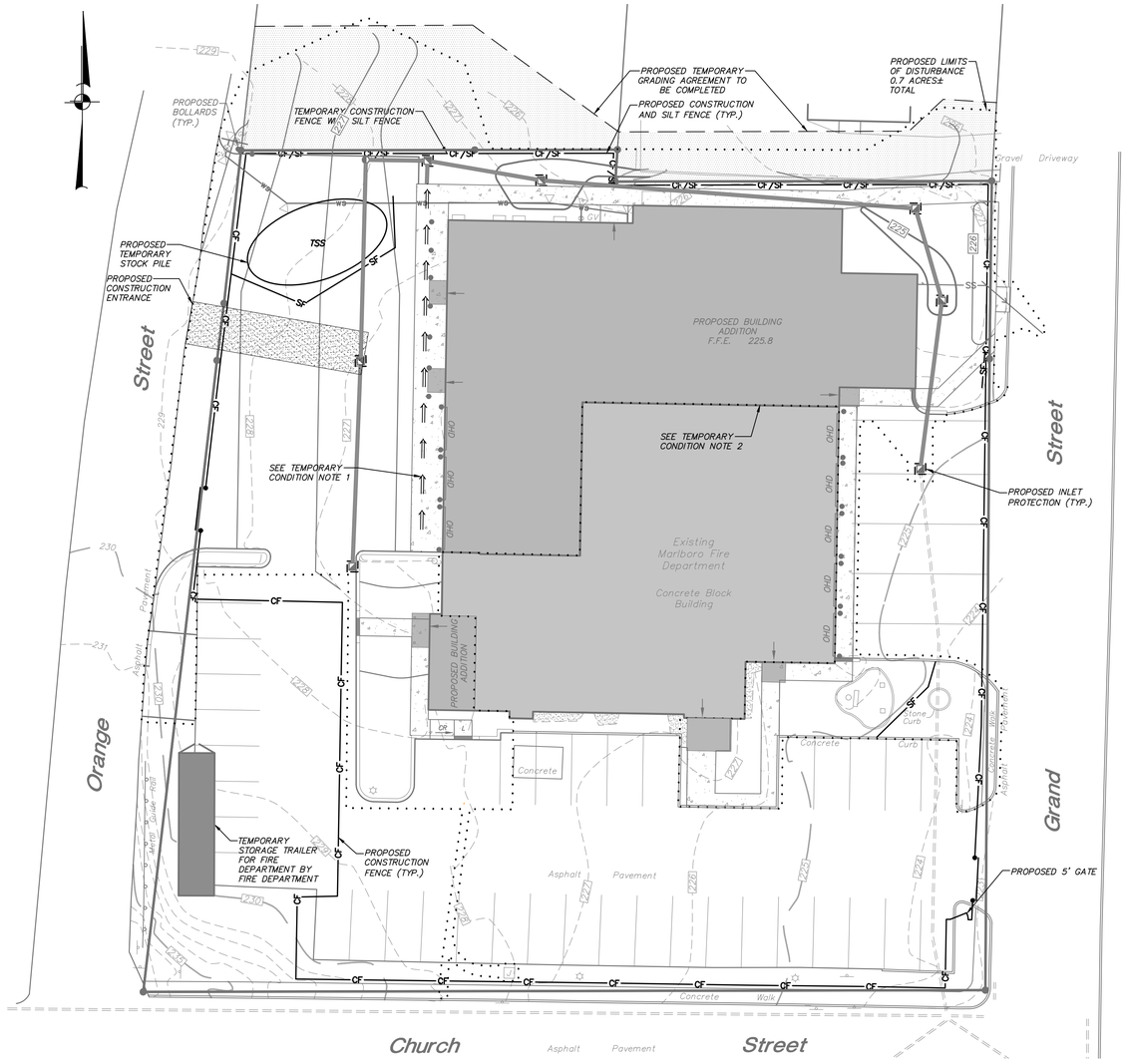
DATE	02-03-2026
SCALE	1" = 20'
DWN.	H.M.F. CHK. E.M.S.
PROJ. No.	25214.100
DWG. No.	C104

INSITE NYS CERTIFICATE OF AUTHORIZATION NUMBER: 0021263

LICENSED PROFESSIONAL REGISTRATION EXPIRATION: 6-30-2028

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Z:\[C]25214\100 Wendel-Mitchell Associates, Marlboro Fire Station, Town of Marlborough\05 SP-A.dwg, 6/12/2026 11:28:05 AM, HFarnworth, 1:1



LEGEND

- EXISTING PROPERTY LINE
- EXISTING CONCRETE CURB
- EXISTING UNDERGROUND DRAINAGE PIPE
- EXISTING CATCH BASIN
- EXISTING MANHOLE (type unidentified)
- EXISTING DRAINAGE MANHOLE
- EXISTING 5' CONTOUR
- EXISTING 1' CONTOUR
- PROPOSED 10' CONTOUR
- PROPOSED 2' CONTOUR
- PROPOSED 15" HDPE (unless otherwise noted)
- PROPOSED SEWER SERVICE LINE 6" PVC SDR 35
- PROPOSED DOMESTIC WATER SERVICE LINE 6" PVC DR-14 COMBINED
- PROPOSED TEMPORARY SWALE
- PITCH TO DRAIN
- PROPOSED SILT FENCE
- TEMPORARY CONSTRUCTION FENCE
- TEMPORARY CONSTRUCTION FENCE WITH SILT FENCE
- PROPOSED LIMITS OF DISTURBANCE
- PROPOSED TEMPORARY SOIL STOCKPILE
- PROPOSED STABILIZED CONSTRUCTION ENTRANCE
- PROPOSED DRAINAGE STRUCTURE W/ INLET PROTECTION

TEMPORARY CONDITION NOTES:

1. Contractor responsible for providing temporary measures to control stormwater runoff to maintain dry excavation as required by contract specifications.
2. Contractor responsible for providing temporary measures to control roof drain discharge from existing roof drain in order to maintain dry excavation as required by contract specifications.

MARLBOROUGH FIRE DISTRICT

MARLBORO HOSE CO. NO. 1
14 GRAND STREET,
MARLBORO, NY 12542

MARLBOROUGH FIRE STATION ADDITIONS AND RENOVATION

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DWG. TITLE

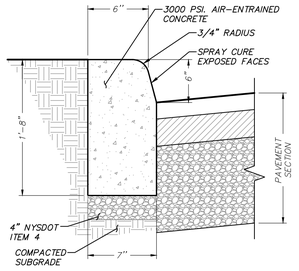
EROSION AND SEDIMENT CONTROL PLAN

GENERIC SCALE BAR
0 1" 2"
SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING. IF NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY

DATE	05-04-2026
SCALE	1" = 20'
DWN.	H.M.F. CHK. E.M.S.
PROJ. No.	25214.100
DWG. No.	C105

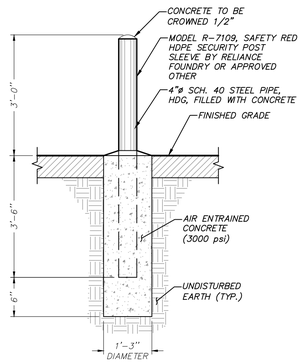
INSITE NYS CERTIFICATE OF AUTHORIZATION NUMBER: 0021263
LICENSED PROFESSIONAL REGISTRATION EXPIRATION: 6-30-2028
ALTERATION OF THIS DOCUMENT IS A VIOLATION OF SECTION 7209 OF ARTICLE 145 OF THE EDUCATION LAW, UNLESS UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER.

Z:\C\25214100 Wendel-Mitchell Associates, Marlboro Fire Station, Town of Marlborough\06 SP-S.dwg, 6/12/2026 11:35:14 AM, HP-Fenwick, 1:1



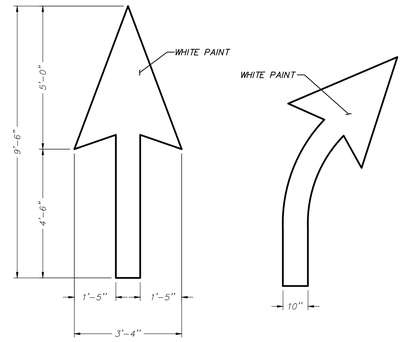
NOTE:
Isolation joints 1/2" wide shall be installed in the curb 20'-0" apart and shall be filled with cellular compression materials recessed 1/4" in from front face and top of curb.

CONCRETE CURB DETAIL
(N.T.S.)



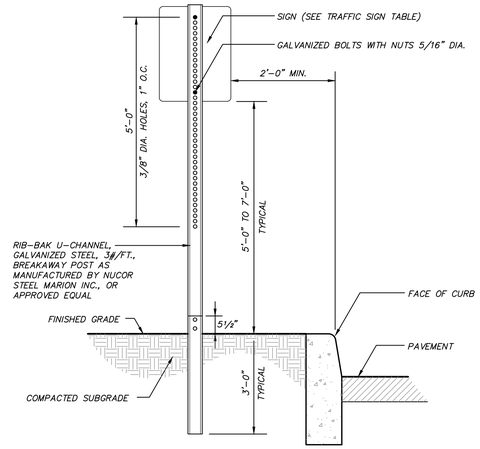
NOTES:
1. When bollards are to be used for protection of combustible objects, posts shall be offset a minimum of three (3) feet from the object being protected.
2. Bollards (when more than one is required) shall be spaced not more than four (4) feet on center when protecting combustible objects.

STEEL BOLLARD DETAIL
(N.T.S.)



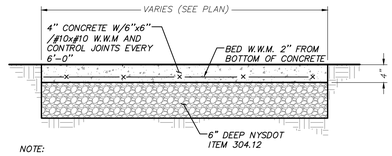
NOTE:
Installation to conform with current NYSDOT standards and specifications.

DIRECTIONAL ARROWS DETAIL
(N.T.S.)



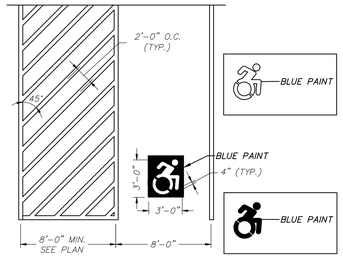
NOTE: FOR HANDICAP PARKING SIGNAGE, SIGNS SHALL BE INSTALLED AT A CLEAR HEIGHT OF BETWEEN 5'-0" AND 7'-0" ABOVE GRADE OF PARKING SPACE AND SUCH THAT SIGNS SHALL NOT BE OBSCURED BY A VEHICLE PARKED IN THE SPACE.

TRAFFIC SIGN DETAIL
(N.T.S.)



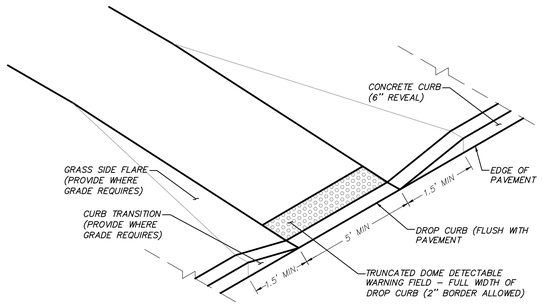
NOTE:
Refer to ADA accessible route notes for cross slope and running slope requirements. All sidewalks shall conform to the accessible route notes (or ADA guidelines) unless specifically designed otherwise in these drawings.

CONCRETE SIDEWALK DETAIL
(N.T.S.)

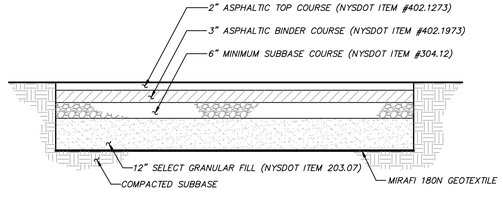


NOTE:
1. All handicap striping shall be 4" wide blue paint.
2. Non-handicap parking stripping shall be 4" wide white paint.
3. Non-handicap stripped parking aisle shall be 4" wide yellow paint.

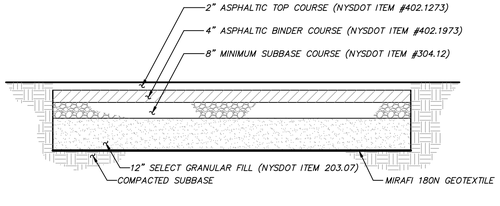
PAINTED NYS ACCESSIBLE PARKING DETAIL
(N.T.S.)



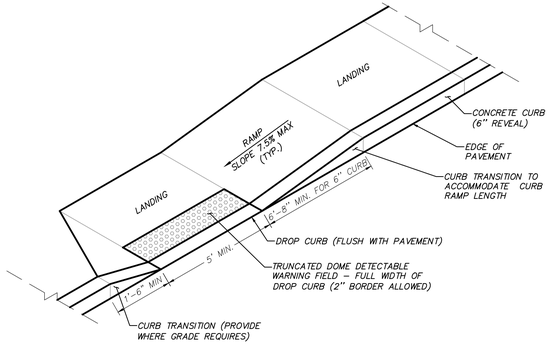
FLUSH CURB DETAIL
(N.T.S.)



PARKING LOT ASPHALT PAVEMENT DETAIL
(N.T.S.)



HEAVY DUTY ASPHALT PAVEMENT DETAIL
(N.T.S.)



NOTE:
See ADA accessible route notes for construction tolerance requirements.

SIDEWALK CURB RAMP
(N.T.S.)

INSITE NYS CERTIFICATE OF AUTHORIZATION NUMBER: 0021263

LICENSED PROFESSIONAL REGISTRATION EXPIRATION: 6-30-2028

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Z:\C\25214100 Wendel-Mitchell Associates, Marlboro Fire Station, Town of Marlborough\07 D-1 dwg, 6/11/2026 4:59:23 PM, HFarchuets, 1:1

MARLBOROUGH FIRE DISTRICT

MARLBORO HOSE CO. NO. 1
14 GRAND STREET,
MARLBORO, NY 12542

MARLBOROUGH FIRE STATION ADDITIONS AND RENOVATION

CONSTRUCTION DOCUMENTS

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375 Essjay Road, Suite 200
Williamsville, NY 14221
www.wendelcompanies.com
p:716.688.0766 f:716.625.6825
Wendel WD Architecture, Engineering, Surveying and Landscape Architecture, P.C.

PREPARED BY:

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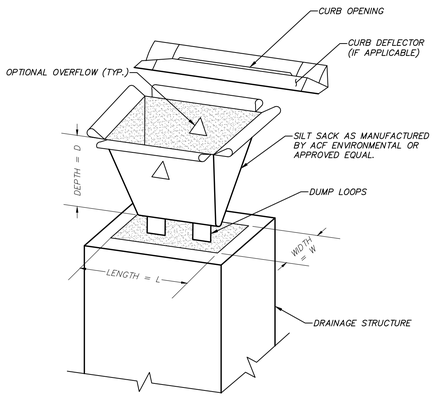
NO.	REVISIONS	DATE
2	ISSUED FOR BID	06/15/2026

DWG. TITLE

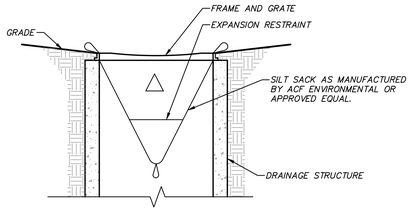
DETAILS

GENERIC SCALE BAR
0 1" 2"
SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING. IF NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY

DATE	02-03-2026
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DWN.	H.M.F. CHK. E.M.S.
PROJ. No.	25214.100
DWG. No.	C200



EXPLODED ISOMETRIC



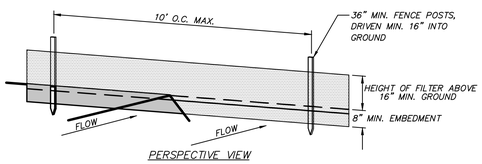
ELEVATION

NOTE:
FABRIC FOR INSERT SHALL MEET THE FOLLOWING:

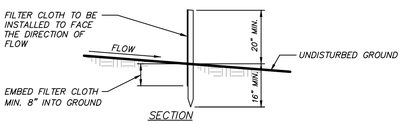
FABRIC PROPERTIES	MINIMUM ACCEPTABLE VALUE	TEST METHOD
Grab Tensile Strength (lbs)	110	ASTM D 4632
Mullen Burst Strength (PSI)	300	ASTM D 3786
Puncture Strength (lbs)	60	ASTM D 4833
Minimum Trapezoidal Tear Strength (lbs)	50	ASTM D 4533
Flow Through Rate (gal/min/sf)	25	ASTM D 4491
Equivalent Opening Size	40–80	US Std Sieve ASTM D 4751

MANUFACTURED INSERT INLET PROTECTION DETAIL

(N.T.S.)



PERSPECTIVE VIEW



SECTION

CONSTRUCTION NOTES FOR FABRICATED SILT FENCE

1. FILTER CLOTH TO BE FASTENED SECURELY TO POSTS AT TOP AND MID SECTION.
2. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED.
3. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

POSTS: STEEL EITHER T OR U TYPE OR 2" HARDWOOD

FILTER CLOTH: FILTER X, MIRAFI 100X, STABILINKA T140N, OR APPROVED EQUAL

PREFABRICATED UNIT: GEOFAB, ENVIROFENCE, OR APPROVED EQUAL

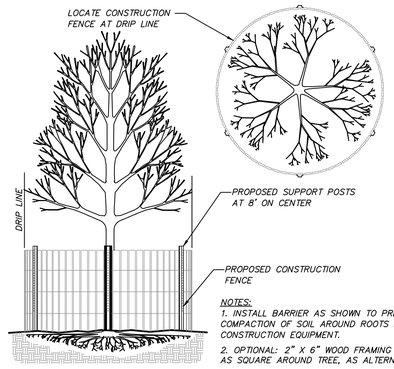
SILT FENCE DETAIL

(N.T.S.)

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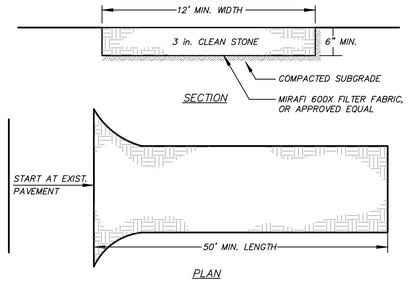


NOTES:
1. INSTALL BARRIER AS SHOWN TO PREVENT COMPACTION OF SOIL AROUND ROOTS BY CONSTRUCTION EQUIPMENT.
2. OPTIONAL: 2" X 6" WOOD FRAMING BUILT AS SQUARE AROUND TREE, AS ALTERNATIVE.

NOTES:
1. Trees to be preserved in proximity to disturbance areas shall be marked in the field by the Landscape Architect prior to start of construction.
2. Install tree protection measures prior to start of site clearing & construction.
3. No construction equipment shall be parked and no earth or construction materials shall be stockpiled or stored under the canopy of trees to be preserved.
4. During tree removal operations associated with construction, do not damage adjacent trees to remain. Lower limbs and tree trunks, do not drop them.
5. Carefully tie back any tree branches that conflict with construction equipment.
6. Where trenching for utilities is required within a root zone, tunneling under and around roots shall be by hand digging. If roots 3" or larger are encountered immediately adjacent to the location of new construction and relocation is not practical, the roots shall be hand pruned under the supervision of a Certified Arborist or Landscape Architect to 6" back from the new construction limit. All exposed roots to receive appropriate treatment prior to backfilling.
7. If tree protection fencing to protect the root zone is not possible, six to eight inches of wood chip mulch and 3/4 inch plywood shall be placed over the entire affected root zone area to prevent soil compaction.
8. Any tree damaged during construction activities must be immediately repaired by a qualified arborist at no additional cost to the owner.

TREE PROTECTION DETAIL

(N.T.S.)

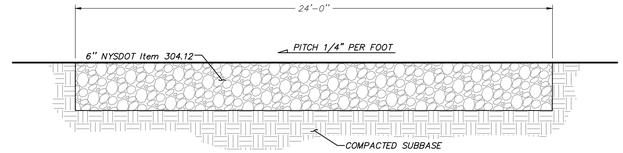


INSTALLATION NOTES

1. STONE SIZE – USE 3" STONE
2. LENGTH – AS REQUIRED, BUT NOT LESS THAN 50 FEET (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLY.)
3. THICKNESS – NOT LESS THAN SIX (6) INCHES.
4. WIDTH – 12 FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCUR.
5. FILTER CLOTH – WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE. FILTER CLOTH WILL NOT BE REQUIRED ON A SINGLE FAMILY RESIDENCE LOT.
6. SURFACE WATER – ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
7. MAINTENANCE – THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT OF WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHT OF WAY MUST BE REMOVED IMMEDIATELY.
8. WASHING – WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHT OF WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

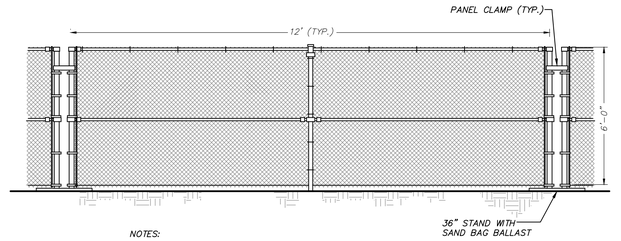
STABILIZED CONSTRUCTION ENTRANCE DETAIL

(N.T.S.)



TEMPORARY GRAVEL ACCESS DRIVE DETAIL

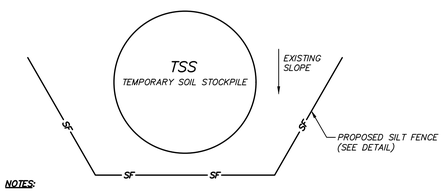
(N.T.S.)



NOTES:
1. Contractor shall before, excavation begins, install an enclosure fence with lockable entrance gates. Install in a manner that will prevent people, dogs, and other animals from easily entering the site, except by the entrance gates.
2. Provide open-mesh, 6-foot high chainlink fencing with stands.
3. Provide min. 2 vehicle access gates and 1 man gate. Each gate is to have a chain and padlock.
4. Remove fence upon completion of all exterior activities or sooner if directed by Architect.

TEMPORARY FREESTANDING CHAIN LINK FENCE DETAIL

(N.T.S.)



NOTES:
1. AREA CHOSEN FOR STOCKPILE LOCATION SHALL BE DRY AND STABLE.
2. MAXIMUM SLOPE OF STOCKPILE SHALL BE 2:1.
3. UPON COMPLETION OF SOIL STOCKPILING, EACH PILE SHALL BE IMMEDIATELY SEEDED WITH K31 PERENNIAL TALL FESCUE.
4. ALL STOCKPILES SHALL BE PROTECTED WITH SILT FENCING INSTALLED ON THE DOWNGRADIENT SIDE.

TEMPORARY SOIL STOCKPILE DETAIL

(N.T.S.)

MARLBOROUGH FIRE DISTRICT

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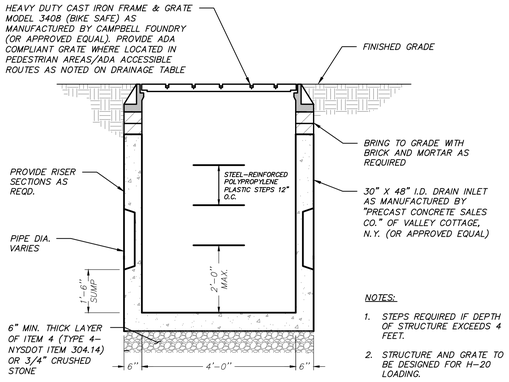
DWG. TITLE

DETAILS

GENERIC SCALE BAR
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DATE	02-03-2026
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DWN.	H.M.F. CHK. E.M.S.
PROJ. No.	25214.100
DWG. No.	C201

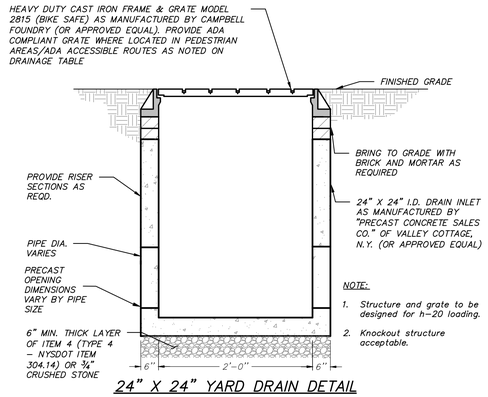
Z:\C\25214000 Wendel-Mitchell Associates, Marlboro Fire Station, Town of Marlborough\07 D-Dwg, 6\10\2026 4:58:47 PM, HFarnuchi, 1:1



NOTES:

1. STEPS REQUIRED IF DEPTH OF STRUCTURE EXCEEDS 4 FEET.
2. STRUCTURE AND GRATE TO BE DESIGNED FOR H-20 LOADING.

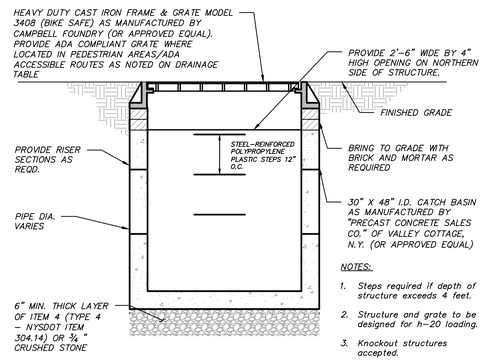
30" X 48" DRAIN INLET DETAIL
(N.T.S.)



NOTE:

1. Structure and grate to be designed for h-20 loading.
2. Knockout structure acceptable.

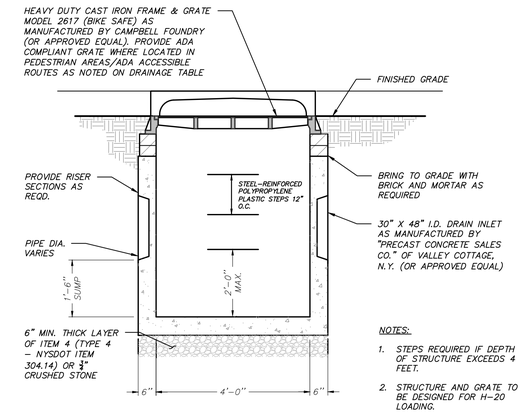
24" X 24" YARD DRAIN DETAIL
(N.T.S.)



NOTES:

1. Steps required if depth of structure exceeds 4 feet.
2. Structure and grate to be designed for h-20 loading.
3. Knockout structures accepted.

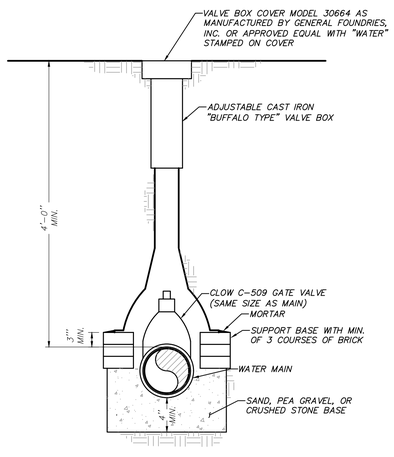
30" X 48" SIDE DRAIN INLET DETAIL
(N.T.S.)



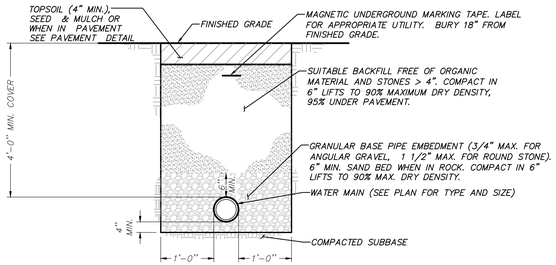
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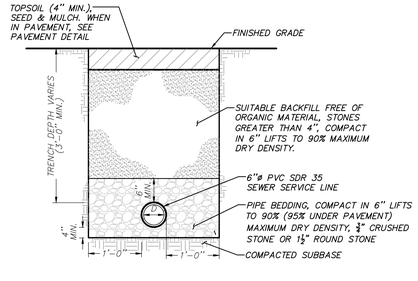
30" X 48" CATCH BASIN DETAIL
(N.T.S.)



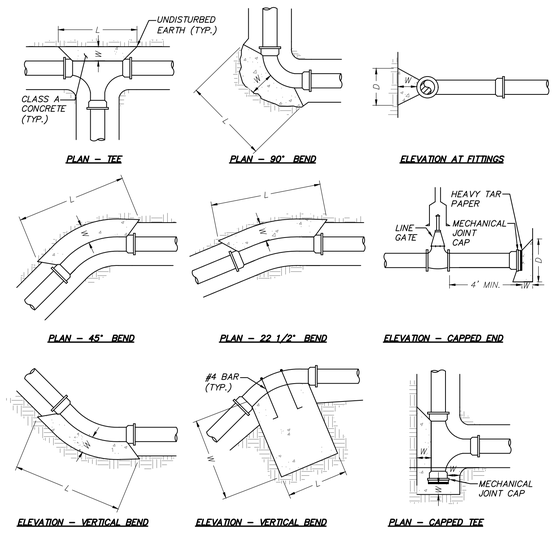
WATER MAIN GATE VALVE DETAIL
(N.T.S.)



WATER LINE TRENCH DETAIL
(N.T.S.)

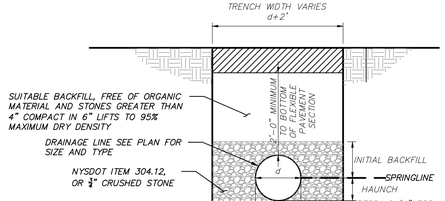


SEWER SERVICE LINE TRENCH DETAIL
(N.T.S.)

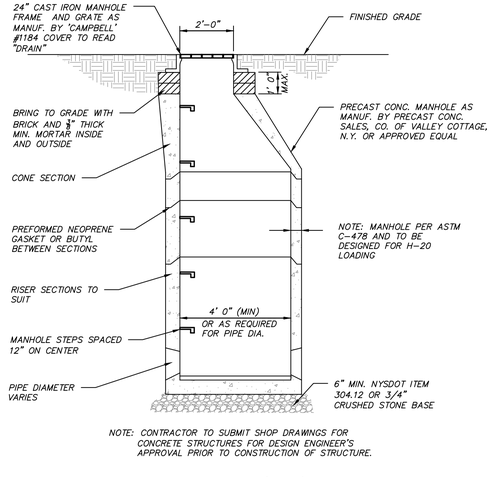


THRUST BLOCK SCHEDULE										
PIPE SIZE	CAP/TEE		22 1/2°		45°		90°		W
	L	D	L	D	L	D	L	D	
4"	2'	1.5'	2'	1.5'	2'	1.5'	2'	1.5'	1.5'
6"	2'	1.5'	2'	1.5'	2'	1.5'	2'	1.5'	1.5'

THRUST BLOCK DETAILS
(N.T.S.)



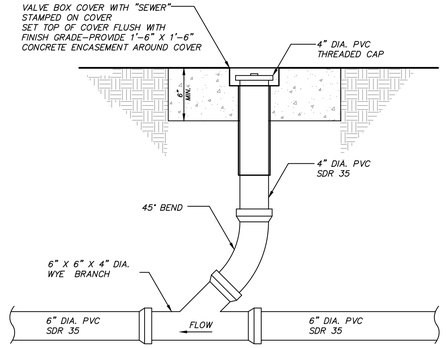
DRAINAGE LINE TRENCH DETAIL
(N.T.S.)



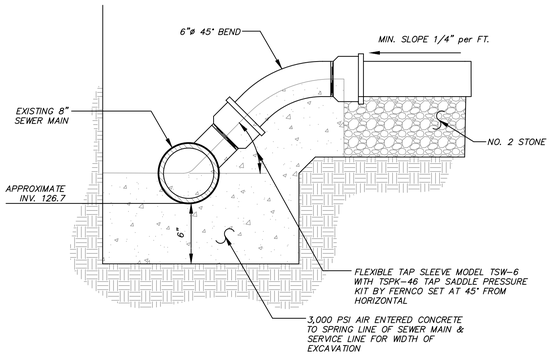
NOTE: CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR CONCRETE STRUCTURES FOR DESIGN ENGINEER'S APPROVAL PRIOR TO CONSTRUCTION OF STRUCTURE.

DRAINAGE MANHOLE (DMH) DETAIL
(N.T.S.)

1. All sewer services shown on these plans shall be polyvinyl chloride (PVC) SDR 35 with factory installed push on gaskets.
2. Sanitary Sewers shall be laid at least 10 feet horizontally from any existing or proposed water main. The distance shall be measured edge to edge. In cases where it is not practical to maintain a 10 foot horizontal separation, the Design Engineer and the Town of Carmel may allow deviation with prior approval on a case-by-case basis, if supported by data from the Design Engineer prior to sewer line installation. The horizontal separation also applies to service connections.
3. Sewers crossing water mains shall be laid to provide a minimum vertical separation of 18 inches between the outside of the sewer main and the water main. The crossing shall be arranged so that the sewer joints will be equidistant and as far as possible from the water main joints. Where a water main crosses under a sewer, adequate structural support shall be provided for the sewer to maintain line and grade. In cases where it is not practical to maintain a 18" vertical separation, the Design Engineer and the Town of Marlboro may allow deviation with prior approval on a case-by-case basis, if supported by data from the Design Engineer prior to the sewer line installation. The vertical separation also applies to service connections.



SEWER LINE CLEANOUT DETAIL
(N.T.S.)



SEWER SERVICE CONNECTION DETAIL
(N.T.S.)

INSITE NYS CERTIFICATE OF AUTHORIZATION NUMBER: 0021263
LICENSED PROFESSIONAL REGISTRATION EXPIRATION: 6-30-2028
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MARLBORO HOSE 38 CO. NO. 1 — EST. 1897 — 125 YEARS — 2022 — NY

MARLBOROUGH FIRE DISTRICT

MARLBORO HOSE CO. NO. 1
14 GRAND STREET,
MARLBORO, NY 12542

MARLBOROUGH FIRE STATION ADDITIONS AND RENOVATION

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DWG. TITLE

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PROJ. No.	25214.100
DWG. No.	**C202**

Z:\(C)\25214100 Wendel-Aktchell Associates, Marlboro Fire Station, Town of Marlborough\107 D-L.dwg, 6/10/2026 4:40:13 PM, HFarchuleta, 1:1

GENERAL NOTES

1. DIMENSIONS AND ELEVATIONS OF THE EXISTING CONSTRUCTION SHOWN ON THE STRUCTURAL DRAWINGS ARE BASED ON VARIOUS ORIGINAL DESIGN AND CONSTRUCTION DOCUMENTS PROVIDED BY THE OWNER AND LIMITED FIELD OBSERVATIONS AND MEASUREMENTS. THE CONTRACTOR SHALL FIELD VERIFY ALL INFORMATION PERTAINING TO EXISTING CONDITIONS BY ACTUAL MEASUREMENTS AND OBSERVATIONS AT THE PROJECT SITE. ALL DISCREPANCIES BETWEEN ACTUAL CONDITIONS AND THOSE SHOWN ON THE CONTRACT DOCUMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER FOR EVALUATION BEFORE THE EFFECTED CONSTRUCTION IS PUT IN PLACE.

2. DIMENSIONS AND ELEVATIONS OF COMPLETED CONSTRUCTION (SUCH AS FOUNDATION LOCATIONS, ROUGH OPENINGS, ETC.) SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO INSTALLING SUBSEQUENT STAGES OF CONSTRUCTION. ALL DISCREPANCIES BETWEEN ACTUAL CONDITIONS AND THOSE SHOWN ON THE CONTRACT DOCUMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER FOR EVALUATION BEFORE THE EFFECTED CONSTRUCTION IS PUT IN PLACE.

3. ALL STRUCTURAL WORK SHALL BE COORDINATED WITH THE ARCHITECTURAL AND MECHANICAL DRAWINGS.

DESIGN LOADS

1. ALL LOADS PER BUILDING CODE of NEW YORK STATE 2025 EDITION AS PUBLISHED BY THE NEW YORK STATE DEPARTMENT OF STATE.

2. DESIGN LOADS:

ADDITION ROOF:
- SNOW - Risk Category IV
  - 85 psf Ground Snow
  - 67 psf Flat Roof Snow Load (Pf) (LRFD)
  - Ce = 1.0
  - Ct = 1.12
  - Cs = 1.0
  - Drift snow loads indicated on framing plans (LRFD)
- DEAD - 30 psf Total, includes 10 psf reserved for future photovoltaic system
- LIVE - 20 psf
- EQUIP. LOADS AS APPLICABLE

EXISTING ROOF:
- SNOW - Risk Category IV
  - 85 psf Ground Snow
  - 67 psf Flat Roof Snow Load (Pf) (LRFD)
  - Ce = 1.0
  - Ct = 1.12
  - Cs = 1.0
- DEAD - 18 psf Total
- LIVE - 20 psf
- EQUIP. LOADS AS APPLICABLE

FIRST FLOOR:
- LIVE -100 psf (NON-APPARATUS BAY)
- H20 TRUCK LOAD (APPARATUS BAY)

ABOVE GRADE FLOORS:
- LIVE LOAD - 100 psf
- TOTAL DEAD LOADS - 55 psf

3. LATERAL LOADS:

SEISMIC:
- Risk Category IV, Ie = 1.5
- Seismic Design Category C
- Ss = 0.22 , S1 = 0.048
- Sds = 0.17 , Sd1 = 0.068
- Site Class D
- Seismic - Force Resisting System:
- Ordinary Reinforced Masonry Shear Walls and Steel Not Specifically Detailed R=3.0
- Design Base Shear (V) = 50.0 kips
- Equivalent Lateral Force Procedure

WIND:
- Risk Category IV
- Basic Wind Speed, V = 125 mph (3 -sec. gust)
- Vasd = 97 mph
- Wind Exposure B
- Internal Pressure Coefficient - ± 0.18
- Directional Procedure

EARTHWORK NOTES

1. REFER TO THE FOLLOWING SPECIFICATION SECTIONS FOR MATERIALS AND METHODS OF CONSTRUCTION:

   SECTION 320000 - EARTHWORK FOR STRUCTURES
   SECTION 334600 - SUBDRAINAGE

2. FOUNDATIONS HAVE BEEN DESIGNED BASED ON AN ALLOWABLE SOIL BEARING PRESSURE OF 4000 PSF AS RECOMMENDED IN THE GEOTECHNICAL INVESTIGATION PREPARED BY TECTONIC ENGINEERING DATED SEPTEMBER 17, 2025.

3. PRIOR TO FOUNDATION CONSTRUCTION THE SITE SHALL BE PREPARED IN ACCORDANCE WITH THE RECOMMENDATIONS IN THE GEOTECHNICAL INVESTIGATION REFERENCED IN THE NOTE ABOVE.

CONCRETE AND MASONRY

1. REFER TO THE FOLLOWING SPECIFICATION SECTIONS FOR MATERIALS AND METHODS OF CONSTRUCTION:

   SECTION 031000 - CONC. FORMING AND ACCESSORIES
   SECTION 032000 - CONCRETE REINFORCING
   SECTION 033000 - CAST-IN-PLACE CONCRETE
   SECTION 042000 - UNIT MASONRY

2. CONCRETE COMPRESSIVE STRENGTH (F'C) AT 28 DAYS SHALL BE AS FOLLOWS:

   FOUNDATION WALLS AND FOOTINGS - 4000 PSI
   EXTERIOR SLABS, WALKS - 4500 PSI
   INTERIOR SLAB ON GRADE - 4000 PSI
   SUSPENDED SLAB CONCRETE - 4000 PSI

3. LAP LENGTHS FOR CONCRETE REINFORCEMENT SHALL BE BASED ON THE FOLLOWING TABLE:

SIZE	F'C = 3 KSI	F'C = 4 KSI
#3	17"	15"
#4	22"	19"
#5	28"	24"
#6	33"	29"
#7	48"	42"
#8	55"	48"
#9	62"	54"
#10	69"	60"
#11	76"	66"

   LAP LENGTHS ABOVE SHALL BE INCREASED IF ANY OF THE FOLLOWING CONDITIONS APPLY:

   "TOP BARS" - INCREASE LENGTHS BY 30%
   LIGHTWEIGHT CONCRETE - INCREASE LENGTHS BY 33%
   EPOXY COATING - INCREASE LENGTHS BY 50%

4. CONTRACTOR SHALL COORDINATE THE LOCATION OF WALL PENETRATIONS WITH THE ARCHITECTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS.

5. PROVIDE (3) #6 X 6' LONG ADDITIONAL BARS AT THE TOP AND BOTTOM OF WALL FOOTINGS AT ALL LOCATIONS WHERE THE FOOTING CROSSES OVER PLUMBING OR SEWER LINES. CENTER REINFORCING OVER PIPES.

6. MASONRY WALL DOWELS ARE REQUIRED FOR ALL VERTICALLY REINFORCED MASONRY WALLS. THE CONCRETE STEEL REINFORCEMENT SUPPLIER SHALL PREPARE A DIMENSIONED SHOP DRAWING SHOWING THE LOCATION OF THESE DOWELS. THE DOWEL LOCATIONS SHALL BE COORDINATED WITH THE MASONRY CONTRACTOR FOR BLOCK COURSE LAYOUT, ETC.

7. RIGID INSULATION SHOWN ON THE DRAWINGS IS DIAGRAMMATIC ONLY.SEE THE ARCHITECTURAL DRAWINGS FOR SPECIFIC INSULATION REQUIREMENTS.

8. COORDINATE THE LOCATION OF ALL DOOR OPENINGS WITH THE ARCHITECTURAL DRAWINGS.

STEEL FRAMING NOTES

1. REFER TO THE FOLLOWING SPECIFICATION SECTIONS FOR MATERIALS AND METHODS OF CONSTRUCTION:

   SECTION 051200 - STRUCTURAL STEEL
   SECTION 052100 - STEEL JOIST FRAMING
   SECTION 053100 - STEEL DECK

2. CONNECTIONS SHALL BE DESIGNED FOR REACTIONS INDICATED ON THE DRAWINGS. "15K" INDICATES THE BEAM REACTION IN KIPS. BEAM CONNECTIONS SHALL BE DESIGNED FOR THE INDICATED LOAD. ALL LOADS ARE FOR ALLOWABLE STRESS DESIGN. IF REACTIONS ARE NOT INDICATED A MINIMUM OF (2) 3/4" DIAM. HIGH STRENGTH BOLTS OR WELD SUFFICIENT TO DEVELOP 15 KIPS SHALL BE PROVIDED PER CONNECTION. ALL SHEAR PLATE AND ANGLE CONNECTIONS SHALL BE AT LEAST ONE-HALF THE DEPTH OF THE BEAM.

3. ROOF DECK SHALL BE 1.5B, 20 GA. GALVANIZED STEEL DECK AS MANUFACTURED BY VULCRAFT OR EQUIV. ROOF DECK SHALL BE FASTENED TO STRUCTURAL STEEL WITH 5/8" DIAM. PUDDLE WELDS OR APPROPRIATELY SIZED POWDER ACTUATED FASTENERS. FASTENER PATTERN SHALL BE 36/4/ (3) #10 TEK SCREW FASTENER PER SPAN. DECK SHALL BE WELDED TO ALL PERIMETER STEEL WITH 5/8" DIAM. PUDDLE WELDS AT A MAXIMUM SPACING OF 6" C-C.

4. FLOOR DECKS SHALL BE 1.5VL, 20GA. COMPOSITE FLOOR GALVANIZED STEEL DECK AS MANUFACTURED BY VULCRAFT OR EQUIV. FLOOR DECK SHALL BE FASTENED TO STRUCTURAL STEEL WITH 5/8" DIAM. PUDDLE WELDS OR APPROPRIATE SIZED POWDER ACTUATED FASTENERS. FASTENER PATTERN SHALL BE 36/4 W (1) #10 TEK SCREW SIDELAP FASTENER PER SPAN. DECK SHALL BE WELDED TO ALL PERIMETER SUPPORT STEEL WITH 5/8" DIAM. PUDDLE WELDS AT A MAX. SPACING OF 12" C-C. CONCRETE FOR FLOOR DECKS SHALL HAVE A COMPRESSIVE STRENGTH OF 4000 PSI @ 28 DAYS. FLOOR SHALL BE REINFORCED WITH 6X6, W2.1X2.1 WWF. ALL FLOOR DECK MUST BE MINIMUM TWO SPAN CONTINUOUS OVER SUPPORT BEAMS.

5. FLOOR DECKS HAVE BEEN DESIGNED FOR CONSTRUCTION LIVE LOADS PER THE STEEL DECK INSTITUTE DESIGN MANUAL, PUBLICATION NO. 30, AS PUBLISHED BY THE STEEL DECK INSTITUTE. THESE LOADS INCLUDE THE NET WEIGHT OF WET CONCRETE PLUS A 20 PSF UNIFORM LIVE LOAD OR A 150 POUND CONCENTRATED LIVE LOAD ON A ONE FOOT SECTION OF DECK. IT IS THE CONTRACTOR'S RESPONSIBILITY TO STAY WITHIN THESE LOAD LIMITS DURING THE CONSTRUCTION PROCESS. IF ADDITIONAL LOAD CAPACITY IS REQUIRED DURING CONSTRUCTION, THE CONTRACTOR SHALL RETAIN AN ENGINEER LICENSED TO PRACTICE IN THE STATE OF NEW YORK TO DEVELOP SHORING PLANS OR OTHER METHODS OF SAFELY PERFORMING HIS WORK ON THE DECK. THE CONTRACTOR SHALL PAY PARTICULAR ATTENTION TO THE WEIGHT OF MEN, POWER SCREEDS, AND FINISHING EQUIPMENT DURING THE CONCRETE PLACEMENT INSTALLATION.

6. AT CONCRETE FLOOR SLABS STEEL STRUCTURE WILL DEFLECT UNDER THE WEIGHT OF WET CONCRETE. CONTRACTOR SHALL ACCOUNT FOR ADDITIONAL CONCRETE IN PREPARING HIS QUOTATION. CONTRACTOR SHALL PLACE A VARYING THICKNESS SLAB AS REQUIRED TO MAINTAIN THE FINISHED FLOOR ELEVATION INDICATED. DO NOT USE THE EXTERIOR BEAMS OR OTHER SPANDREL BEAMS AS A SCREED, SINCE THESE BEAMS WILL DEFECT UNDER THE WEIGHT OF THE WEIGHT OF THE WET CONCRETE.

7. CONTRACTOR SHALL COORDINATE AND LOCATE ALL ROOF AND FLOOR OPENINGS WITH THE MECHANICAL AND ARCHITECTURAL DRAWINGS. REINFORCE ALL OPENINGS GREATER THAN 12" X 12" PER THE TYP. OPENING FRAMING DETAILS ON DRAWING S312.

8. ROOF STEEL SHALL SLOPE UNIFORMLY BETWEEN CONTROL ELEVATIONS SHOWN ON THE PLANS.

9. SEE ARCHITECTURAL DRAWINGS FOR LOCATION OF MASONRY OPENINGS NOT DIMENSIONED. PROVIDE STEEL LINTELS PER LINTEL SCHEDULE, DWG. S311.

10. ALL STEEL BRIDGING TO BE INSTALLED IN EQUALLY SPACED ROWS. SIZE OF BRIDGING SHALL BE IN ACCORDANCE WITH THE STEEL JOIST INSTITUTE SPECIFICATION, LATEST EDITION.

11. ALL STEEL JOISTS WITH IMPOSED CONCENTRATED VERTICAL LOADS SHALL BE REINFORCED PER THE TYPICAL JOIST REINFORCEMENT DETAIL ON DRAWING S310.

12. SPLICE ALL PERIMETER ANGLES PER THE TYPICAL PERIMETER ANGLE SPLICE DETAIL ON DRAWING S310.

13. JOIST MANUFACTURER TO PROVIDE WIND UPLIFT BRIDGING FOR THE LOADS SPECIFIED ON THE DRAWINGS IN ACCORDANCE WITH THE STEEL JOISTS INSTITUTE SPECIFICATIONS, LATEST EDITION.

GRATING

1. NON-VEHICLE OUTDOOR TRENCH GRATING SHALL BE 1 1/4" THICK WELDED STEEL GRATING WITH 1 1/4" X 3/16" THICK BEARING BARS AT 11/16" C-C AND CROSS BARS AT 4" C-C. PROVIDED BANDED EDGES AT ALL SIDES OF SAME BAR SIZE AS MAIN BEARING BARS. GRATING SHALL BE HOT DIP GALVANIZED IN ACCORDANCE WITH ASTM A123. SECURE GRATING TO STRUCTURAL EMBEDDED STEEL ANGLE WITH MANUFACTURER'S STANDARD STAINLESS STEEL CLIPS. PROVIDE NOT LESS THAN FOUR (4) CLIPS PER PANEL.

COLD FORMED METAL FRAMING

1. REFER TO THE FOLLOWING SPECIFICATION SECTIONS FOR MATERIALS AND METHODS OF CONSTRUCTION:

   SECTION 054000 - COLD-FORMED METAL FRAMING

2. PRIOR TO THE COMMENCEMENT OF FRAMING WORK, THE GENERAL CONTRACTOR SHALL SCHEDULE A PRE-CONSTRUCTION MEETING WITH THE ENGINEER. FRAMING SUB-CONTRACTOR'S SUPERVISOR AND THE GENERAL CONTRACTOR'S ON-SITE SUPERVISOR. THE DRAWINGS SHALL BE REVIEWED SO THAT THE FRAMING CONTRACTOR UNDERSTANDS THE FRAMING REQUIREMENTS; INCLUDING THE INSTALLATION OF SLIP CLIPS, METAL CLIPS, BRACING, AND SPECIAL CONNECTIONS FOR THE PROJECT. THE INSTALLATION OF THE INCORRECT STUD SIZE AND GAGE THICKNESS WILL REQUIRE THE REMOVAL AND RE-INSTALLATION OF THOSE COMPONENTS, UNLESS THE SUBSTITUTED COMPONENT IS OF GREATER STRUCTURAL CAPACITY.

3. COLD FORMED METAL JOISTS AND STUDS SHALL BE FABRICATED FROM STRUCTURAL QUALITY SHEET STEEL WITH A MINIMUM YIELD STRENGTH OF 50 KSI FOR 16 GA. (54 MIL) AND HEAVIER UNITS, AND A MINIMUM YIELD STRENGTH OF 33 KSI FOR 18 GA. (43 MIL) AND LIGHTER UNITS. ALL SHEET STEEL SHALL CONFORM TO ASTM A446. ALL STEEL SHALL BE GALVANIZED IN ACCORDANCE WITH ASTM A525 FOR A MINIMUM G60 COATING.

4. WHERE GALVANIZED SURFACES ARE DAMAGED REPAIR IN ACCORDANCE WITH ASTM A780.

5. INSTALL ALL STUDS AND JOISTS LEVEL, STRAIGHT, AND PLUMB, COMPLETE WITH BRACING AND REINFORCING AS INDICATED ON THE DRAWINGS. PROVIDE NOT LESS THAN 1.5" OF END BEARING. STUDS SHALL BE CUT SQUARE TO BEAR EVENLY ON TRACK SURFACE. THE MAXIMUM GAP FROM THE BOTTOM OF THE STUD TO THE TOP OF THE TRACK SHALL BE 1/8". UNLESS NOTED OTHERWISE, EACH STUD FLANGE SHALL BE SECURED TO BOTH BOTTOM AND TOP SUPPORTING TRACK WITH ONE NO. 10 OR NO. 12 SCREW.

6. WELDING SHALL BE PERFORMED IN ACCORDANCE WITH AWS D1.1 - "STRUCTURAL WELDING CODE - STEEL" AND AWS D1.3 - "STRUCTURAL WELDING CODE -SHEET STEEL". SPECIAL PRECAUTIONS SHALL BE TAKEN TO USE PROPER WELDING ELECTRODES AND WELD MACHINE AMPERAGE SETTINGS TO PROVIDE SOUND WELDS. ALL WELDS SHALL BE CLEANED OF SLAG AND TOUCH-UP PAINTED WITH "Z.R.C." COLD GALVANIZING PAINT OR EQUIVALENT PRODUCT.

7. MANUFACTURER'S STANDARD PUNCH OUTS ARE PERMITTED FOR ALL WALL STUDS. THE EDGE OF THE FIRST AND LAST PUNCH OUT SHALL BE A MINIMUM OF 10 INCHES FROM THE END OF THE STUD. PUNCH OUTS CLOSER THAN 10" SHALL BE REINFORCED WITH A WEB STIFFENER OF THE SAME SIZE STUD SECURED WITH (3) #10 TEK SCREWS AT THE TOP AND BOTTOM OF THE STIFFENER. AT THE TOP OF STUDS USING A DEFLECTION CLIP, THE DISTANCE FROM THE TOP PUNCH OUT OPENING TO THE BOTTOM OF THE DEFLECTION CLIP SHALL BE 3 INCHES MINIMUM. REINFORCING THE STUD PUNCH OUT AT THESE LOCATIONS IS NOT PERMITTED.

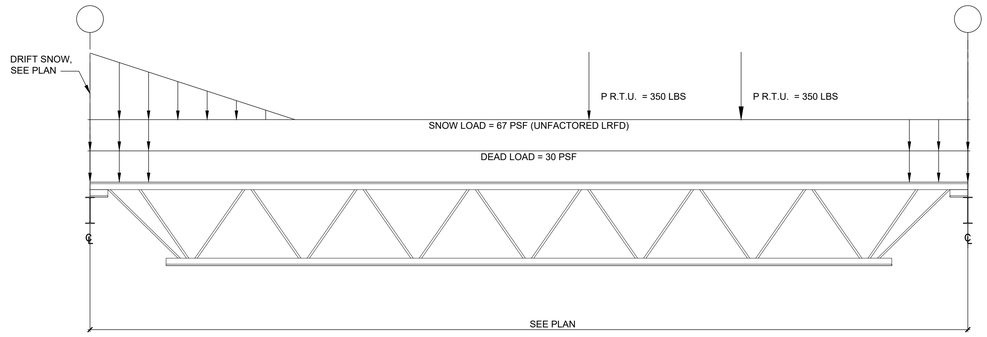
8. ALL SCREW FASTENERS SHALL CONFORM TO ASTM C1513, SELF DRILLING, SELF TAPPING STEEL DRILL SCREWS. SCREWS SHALL BE ZINC PLATED, CONFORMING TO ASTM F1941, WITH A MINIMUM ZINC THICKNESS OF 5 MICRONS. LOW PROFILE HEADS SHALL BE USED UNDER SHEATHING. MANUFACTURER'S STANDARD HEADS SHALL BE USED ELSEWHERE.

9. WOOD TO METAL SCREWS AS INDICATED ON THE DRAWINGS SHALL BE "TRI-ACQ" TREATED #12-24 "BLAZER" SELF-DRILLING SCREWS, BY TRIANGLE FASTENER CORP. OR EQUIVALENT.

10. COLD FORMED METAL FRAMING CONNECTION HARDWARE SPECIFIED IS MANUFACTURED BY THE STEEL NETWORK, INC. SUBSTITUTED PRODUCTS MUST HAVE A CONNECTION CAPACITY AT LEAST EQUAL TO THE HARDWARE SPECIFIED.

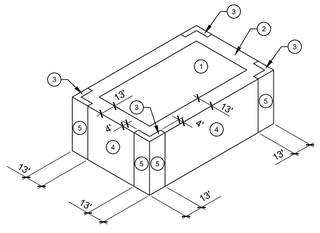
11. MINIMUM SPACING BETWEEN SCREWS SHALL BE 1". MINIMUM EDGE DISTANCE BETWEEN CONNECTED PART AND SCREW SHALL BE 3/4".

12. POWDER ACTUATED FASTENERS FOR THE ATTACHMENT OF COLD FORMED FRAMING COMPONENTS TO OTHER STRUCTURAL MATERIALS SHALL BE HILTI X-U, UNIVERSAL KNURLED SHANK FASTENER, 0.157" DIAMETER, UNLESS NOTED OTHERWISE ON THE DRAWINGS. ANY SUBSTITUTED PRODUCTS SHALL EQUAL OR EXCEED THE CONNECTION CAPACITIES LISTED IN THE HILTI DIRECT FASTENING TECHNICAL GUIDE. FASTENERS INTO STRUCTURAL STEEL SHALL COMPLETELY PENETRATE THE STRUCTURAL STEEL SHAPE. IF THE STEEL SHAPE EXCEEDS 0.50" IN THICKNESS THE FASTENER MUST PENETRATE THE STEEL A MINIMUM OF 0.50". FASTENERS INTO CONCRETE SHALL BE EMBEDDED 1.25 INCHES MINIMUM. FASTENERS INTO CONCRETE MASONRY SHALL BE EMBEDDED 1".

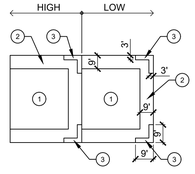


22K SP LOADING DIAGRAM
N.T.S. - WEB MEMBERS DIAGRAMMATIC ONLY

Component and Cladding Wind Pressures ASCE 30.3 Part 1 Method V=125 mph Exp. B				
	Zone	Effective Area (SQ.FT.)	Pos. Pressure (PSF)	Negative Pressure (PSF)
Walls	4	10	27.3	-29.6
	4	20	26.1	-28.4
	4	50	23.8	-27.3
	4	100	22.7	-26.1
	5	10	27.3	-36.5
	5	20	26.1	-34.2
	5	50	23.8	-30.7
	5	100	22.7	-28.4
Roof	1	10	11.1	-43.5
	1	20	9.9	-41.2
	1	50	8.8	-36.5
	1	100	8.8	-34.2
	2	10	11.1	-57.3
	2	20	9.9	-53.9
	2	50	8.8	-49.2
	2	100	8.8	-45.8
	3	10	11.1	-78.1
	3	20	9.9	-71.2
	3	50	8.8	-62.0
	3	100	8.8	-53.9



WIND LOAD DIAGRAM
N.T.S.



AT STEP IN ROOF
N.T.S.

ABBREVIATIONS

A.B.	ANCHOR BOLT	LLBB	LONG LEGS BACK TO BACK
ADD'L.	ADDITIONAL	LLV	LONG LEG VERTICAL
A.F.F.	ABOVE FINISHED FLOOR	LVL	LAMINATED VENEER LUMBER
ARCH.	ARCHITECTURAL	M.O.	MASONRY OPENING
BM.	BEAM	MAX.	MAXIMUM
B/STL.	BOTTOM OF STEEL	MECH.	MECHANICAL
BOT. or BOTT.	BOTTOM	MEP	MECH./ELEC./PLUMBING
C.F.	COLD FORMED	MEZZ.	MEZZANINE
C.J.	CONTROL JOINT	mil.	1/1000 INCH
C-C.	CENTER TO CENTER	MIN.	MINIMUM
CL.	CLEAR	N.S.	NEAR SIDE
C.M.U.	CONCRETE MASONRY UNIT	O.F.	OUTSIDE FACE
COL.	COLUMN	OPNG.	OPENING
CONC.	CONCRETE	P.A.F.	POWDER ACTUATED FASTENER
CONN.	CONNECTION	P.E.M.B.	PRE-ENGINEERED METAL BUILDING
CONT.	CONTINUOUS	P.E.N.	PLYWOOD EDGE NAILING
COORD.	COORDINATE	P.J.F.	PRE-FORMED JOINT FILLER
D. or DP.	DEEP or DEPTH	P.W.	PLYWOOD
DEG.	DEGREES	PL.	PLATE
DET.	DETAIL	PPT	PRESSURE PRESERVATIVE TREATED
DIA.	DIAMETER	QTY.	QUANTITY
d.o.	DITTO	R.O.	ROUGH OPENING
DWG.	DRAWING	RD	ROOF DRAIN
E.W.	EACH WAY	REF.	REFERENCE or REFER
EA.	EACH	REINF.	REINFORCEMENT
E.C.	EPOXY COATED	REQ'D.	REQUIRED
EL.	ELEVATION	S.C.	SLIP CRITICAL
ELEC.	ELECTRICAL	S.S.	STAINLESS STEEL
EMBED.	EMBEDMENT	S.I.F.	STEP IN FOOTING
EQ. or EQUIV.	EQUIVALENT	S.O.G.	SLAB ON GRADE
EQ. SP.	EQUAL SPACING	S.P.F.	SPRUCE PINE FIR
EQUIP.	EQUIPMENT	SOUTH. PINE	SOUTHERN PINE
EX. or EXIST.	EXISTING	SCJ	SAW CUT CONTROL JOINT
EXP. BOLT	EXPANSION BOLT	SCH.	SCHEDULE
EXP. JT.	EXPANSION JOINT	SECT.	SECTION
F.N.	PLYWOOD FIELD NAIL	SHT.	SHEET
F.S.	FAR SIDE	SLBB	SHORT LEGS BACK TO BACK
FDN.	FOUNDATION	SLV	SHORT LEG VERTICAL
FIN.	FINISH	SPEC.	SPECIFICATIONS
FLG.	FLANGE	SQ.	SQUARE
FLR.	FLOOR	STD.	STANDARD
FTG.	FOOTING	STIFF.	STIFFENER
FT	FOOT or FEET	STL.	STEEL
ga.	GAUGE	STRUCT.	STRUCTURAL
GALV.	GALVANIZED	T & B	TOP AND BOTTOM
GR.	GRADE	T & G	TONGUE AND GROOVE
GTG.	GRATING	T/FTG.	TOP OF FOOTING
G.W.B.	GYPSUM WALL BOARD	T/WALL	TOP OF WALL
H.	HIGH	T/STL.	TOP OF STEEL
H.S.	HIGH STRENGTH	THK.	THICK or THICKNESS
H.D.G.	HOT DIP GALVANIZED	TS	TUBE STEEL
HGR.	HANGER	TYP.	TYPICAL
HORIZ.	HORIZONTAL	U.N.O.	UNLESS NOTED OTHERWISE
HSS	HOLLOW STRUCTURAL STEEL	U.S.	UNDERSIDE
HT.	HEIGHT	VERT.	VERTICAL
I.F.	INSIDE FACE	V.I.F.	VERIFY IN FIELD
IN.	INCH or INCHES	WD.	WIDE or WIDTH
INFO.	INFORMATION	WF	WIDE FLANGE
INV.	INVERT	WT.	WEIGHT
L.W.	LIGHTWEIGHT	WCJ	WALL CONTROL JOINT
LG.	LONG or LENGTH	W.W.F.	WELDED WIRE FABRIC

MARLBORO FIRE DEPARTMENT

MARLBORO HOSE CO. NO. 1
14 GRAND STREET,
MARLBORO, NY 12542

MARLBOROUGH FIRE STATION ADDITIONS AND RENOVATION

CONSTRUCTION DOCUMENTS

wendel

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p:716.688.0766 tf:877.293.6335

Wendel WD Architecture, Engineering, Surveying and Landscape Architecture, P.C

SRA ENGINEERS

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NO.	REVISIONS	DATE
0	ISSUED FOR BID	06/15/2026

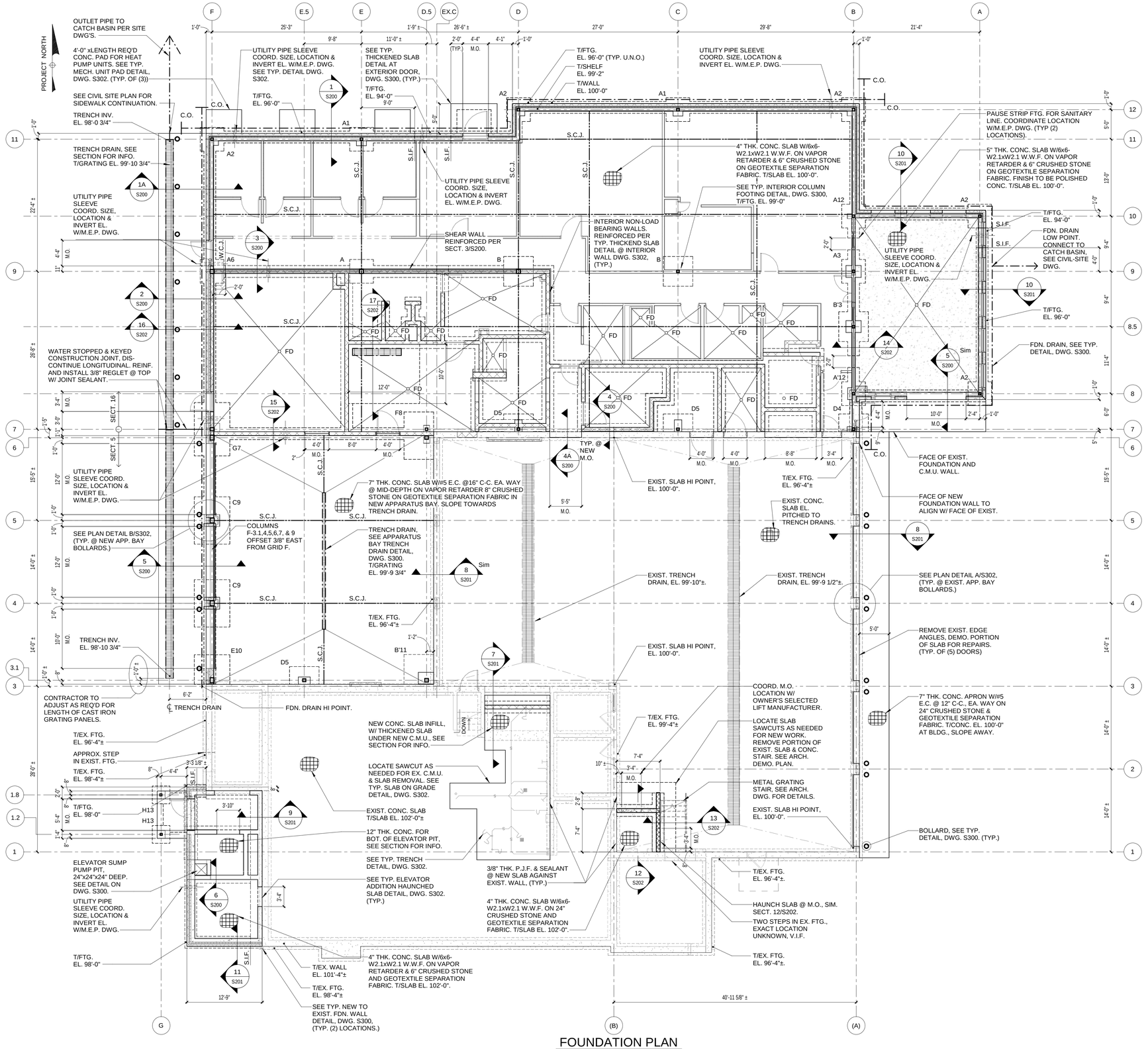
DWG. TITLE

PROJECT NOTES & ABBREVIATIONS

0 1" 2"
GENERIC SCALE BAR
SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING. IF NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY

DATE	06/15/2026
SCALE	AS NOTED
DWN.	JAG CHK. SMR
PROJ. No.	SRA# 25-608
DWG. No.	

S100



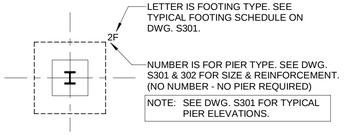
FOUNDATION PLAN

1/8" = 1'-0"

- REF. EL. 100'-0" = T/EX. APPARATUS BAY SLAB HIGH PT. = SITE EL. 225.8'
- SEE DWG. S100 FOR NOTES & ABBREVIATIONS

LEGEND

WCJ	•	INDICATES WALL CONTROL JOINT, SEE TYPICAL DETAIL ON DWG. S300.
S.I.F.	•	INDICATES STEP IN FOOTING, SEE TYPICAL DETAIL ON DWG. S300.
SCJ	•	INDICATES SLAB CONTROL JOINT, SEE TYPICAL DETAIL ON DWG. S300.
C.O.	•	FOUNDATION DRAIN CLEAN OUT, SEE TYP. DETAIL ON DWG. S300.
FD	•	INDICATES FLOOR DRAIN, SLOPE SURROUNDING SLAB TO DRAIN, COORD. SLOPE W/ ARCH. DWG.
	•	NON-LOAD BEARING C.M.U. WALL ON THICKENED SLAB. SEE TYP. THICKENED SLAB @ INTERIOR WALL DETAIL DWG. S302.



TYPICAL FOUNDATION DESIGNATION

N.T.S.

MARLBORO FIRE DEPARTMENT

MARLBORO HOSE CO. NO. 1
14 GRAND STREET,
MARLBORO, NY 12542

MARLBOROUGH FIRE STATION ADDITIONS AND RENOVATION

CONSTRUCTION DOCUMENTS

wendel
Centerpointe Corporate Park
375 Essjay Road, Suite 200
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SRA ENGINEERS
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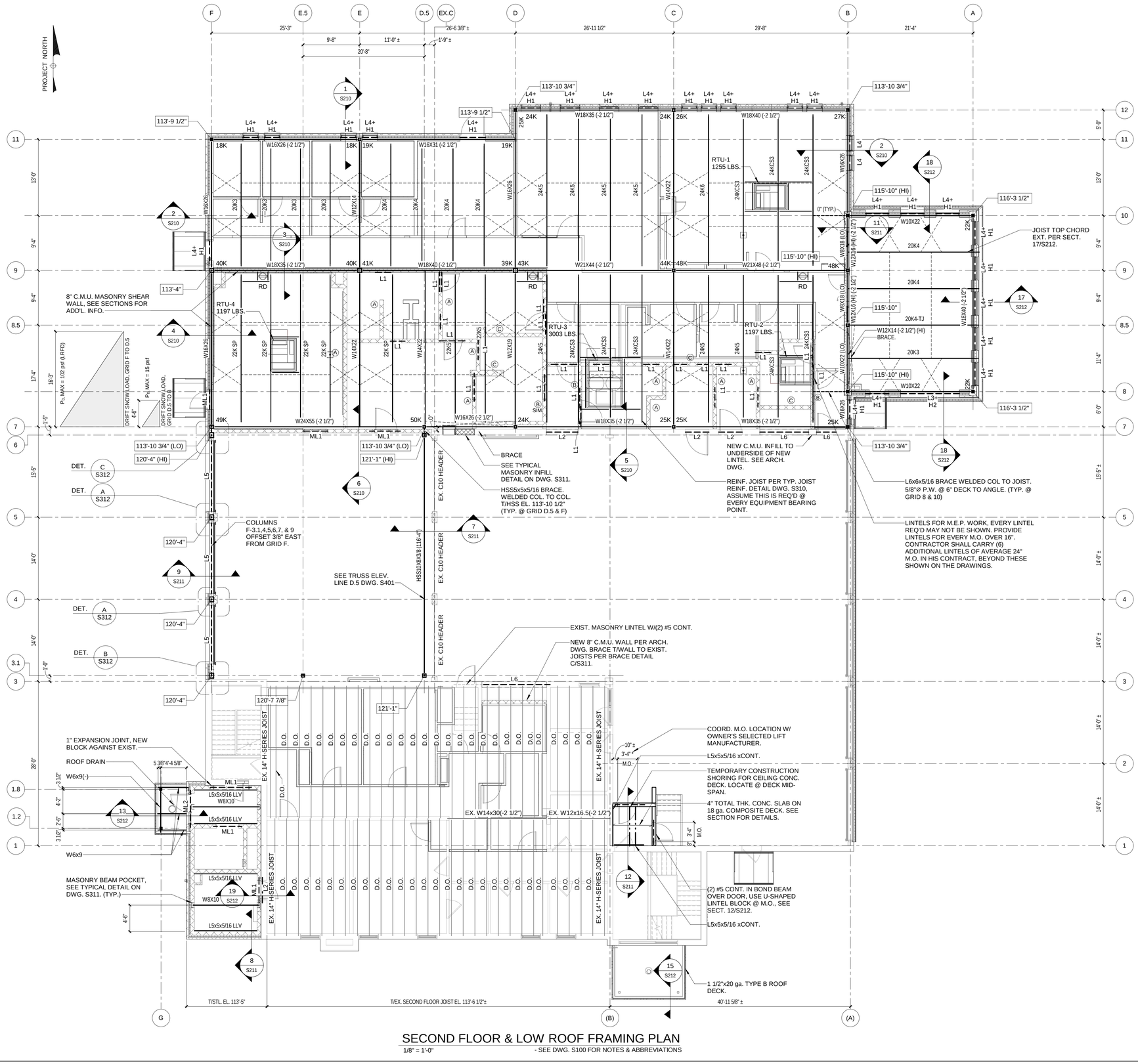
NO.	REVISIONS	DATE
0	ISSUED FOR BID	06/15/2026

DWG. TITLE

FOUNDATION PLAN

GENERIC SCALE BAR
SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING. IF NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY

DATE	06/15/26
SCALE	As indicated
DWN.	JVL
CHK.	SMR
PROJ. No.	653001
DWG. No.	**S101**



SECOND FLOOR & LOW ROOF FRAMING PLAN

1/8" = 1'-0" - SEE DWG. S100 FOR NOTES & ABBREVIATIONS

LEGEND

	INDICATES BRACED FRAME, SEE ELEVATIONS ON DWG. S400.
L1	INDICATES STEEL LINTEL, SEE TYPICAL LINTEL DETAIL & SCHEDULE ON DWG. S311.
H1	INDICATES COLD FORMED HEADER, SEE TYPICAL EXTERIOR STUD WALL & HEADER DETAIL ON DWG. S312.
(-2 1/2")	INDICATES DEVIATION FROM NOTED T/STEEL ELEVATION.
28k	LRFD - FACTORED BEAM REACTION IN KIPS, IF GREATER THAN 15 KIPS.
W14x22	INDICATES STEEL BEAM.
18KCS3-TJ	INDICATES TIE JOIST, SEE TYPICAL DETAIL ON DWG. S310.
	INDICATES HORIZONTAL WELDED JOIST BRIDGING TO BE INSTALLED IN EQUAL SPACES. (TYP. U.N.O.)
	INDICATES DIAGONAL WELDED OR BOLTED JOIST BRIDGING TO BE INSTALLED IN EQUAL SPACES. (TYP. U.N.O.)
RD	INDICATES ANGLE FRAME AT ROOF DRAIN, SEE TYPICAL ROOF OPENING FRAME DETAIL ON DWG. S312, COORD. SIZE & LOCATION W/MEP DWG.
RTU-1K ERV-1K EF-1K	INDICATES ROOF TOP UNIT. PROVIDE SUPPORT FRAME AROUND PERIMETER OF UNIT PER THE TYPICAL ROOF OPENING FRAME DETAIL ON DWG. S312. COORD. SIZE & LOC. W/MEP DWG.
MC	INDICATES MOMENT CONNECTION, SEE TYPICAL MOMENT CONNECTION DETAIL ON DWG. S310.
ML1	INDICATES MASONRY LINTEL, SEE TYPICAL MASONRY LINTEL DETAIL ON DWG. S311.
A	REFERS TO BRACING REQ'D @ TOP OF NON-LOAD BEARING WALL. SEE TYP. NON-LOAD BEARING INT. C.M.U. WALL SUPPORT DETAILS DWG. S311. DESIGNATION REFERS TO TOTAL LENGTH OF WALL INDICATED.

NOTE: MEP DUCTWORK LINTELS SHOWN IN NON-BEARING C.M.U. CONFIRM W/ MEP DWG. FOR DUCT SIZE & LOCATIONS. PROVIDE LINTEL PER THE TYPICAL LINTEL DETAIL & SCHEDULE ON DWG. S311.

NOTE: SPACE BEAMS & JOISTS EQUALLY BETWEEN COLUMN LINES UNLESS NOTED OTHERWISE.

NOTE: T/STEEL EL. IS DEFINED AS UNDERSIDE OF METAL FLOOR OR ROOF DECK. THIS MAY BE THE TOP OF A STEEL JOIST OR WIDE FLANGE BEAM SECTION.

NOTE: JOIST MANUFACTURER TO PROVIDE UPLIFT BRIDGING AS REQUIRED FOR C&C WIND LOADS PROVIDED ON DWG. S100.

MARLBORO FIRE DEPARTMENT

MARLBORO HOSE CO. NO. 1
14 GRAND STREET,
MARLBORO, NY 12542

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CONSTRUCTION DOCUMENTS

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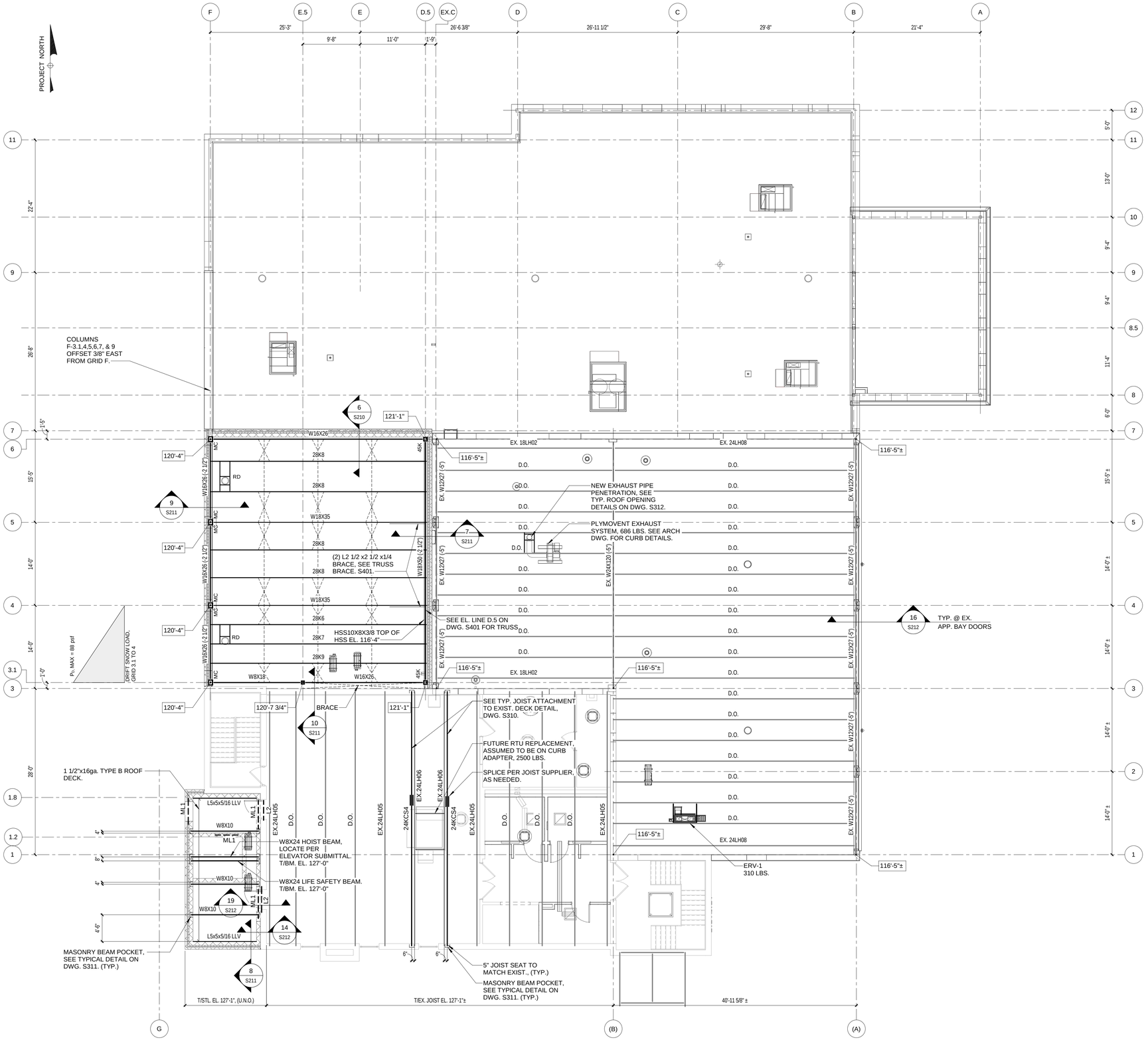
NO.	REVISIONS	DATE
0	ISSUED FOR BID	06/15/2026

DWG. TITLE

SECOND FLOOR & LOW ROOF FRAMING PLAN

0 1" 2"
GENERIC SCALE BAR
SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING. IF NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY.

DATE	06/15/26
SCALE	As indicated
DWN.	JVL CHK. SMR
PROJ. No.	653001
DWG. No.	**S102**



HIGH ROOF FRAMING PLAN

1/8" = 1'-0" - SEE DWG. S100 FOR NOTES & ABBREVIATIONS

LEGEND

	INDICATES BRACED FRAME, SEE ELEVATIONS ON DWG. S400.
L1	INDICATES STEEL LINTEL, SEE TYPICAL LINTEL DETAIL & SCHEDULE ON DWG. S311.
H1	INDICATES COLD FORMED HEADER, SEE TYPICAL EXTERIOR STUD WALL & HEADER DETAIL ON DWG. S312.
(-2 1/2")	INDICATES DEVIATION FROM NOTED T/STEEL ELEVATION.
28k	LRFD - FACTORED BEAM REACTION IN KIPS, IF GREATER THAN 15 KIPS.
W14x22	INDICATES STEEL BEAM.
18KCS3-TJ	INDICATES TIE JOIST, SEE TYPICAL DETAIL ON DWG. S310.
	INDICATES HORIZONTAL WELDED JOIST BRIDGING TO BE INSTALLED IN EQUAL SPACES. (TYP. U.N.O.)
	INDICATES DIAGONAL WELDED OR BOLTED JOIST BRIDGING TO BE INSTALLED IN EQUAL SPACES. (TYP. U.N.O.)
RD	INDICATES ANGLE FRAME AT ROOF DRAIN, SEE TYPICAL ROOF OPENING FRAME DETAIL ON DWG. S312, COORD. SIZE & LOCATION W/MEP DWG.
RTU-1K ERV-1K EF-1K	INDICATES ROOF TOP UNIT. PROVIDE SUPPORT FRAME AROUND PERIMETER OF UNIT PER THE TYPICAL ROOF OPENING FRAME DETAIL ON DWG. S312. COORD. SIZE & LOC. W/MEP DWG.
MC	INDICATES MOMENT CONNECTION, SEE TYPICAL MOMENT CONNECTION DETAIL ON DWG. S310.
ML1	INDICATES MASONRY LINTEL, SEE TYPICAL MASONRY LINTEL DETAIL ON DWG. S311.
A	REFERS TO BRACING REQ'D @ TOP OF NON-LOAD BEARING WALL. SEE TYP. NON-LOAD BEARING INT. C.M.U. WALL SUPPORT DETAILS DWG. S311. DESIGNATION REFERS TO TOTAL LENGTH OF WALL INDICATED.

NOTE: MEP DUCTWORK LINTELS SHOWN IN NON-BEARING C.M.U. CONFIRM W/ MEP DWG. FOR DUCT SIZE & LOCATIONS. PROVIDE LINTEL PER THE TYPICAL LINTEL DETAIL & SCHEDULE ON DWG. S311.

NOTE: SPACE BEAMS & JOISTS EQUALLY BETWEEN COLUMN LINES UNLESS NOTED OTHERWISE.

NOTE: T/STEEL EL. IS DEFINED AS UNDERSIDE OF METAL FLOOR OR ROOF DECK. THIS MAY BE THE TOP OF A STEEL JOIST OR WIDE FLANGE BEAM SECTION.

NOTE: JOIST MANUFACTURER TO PROVIDE UPLIFT BRIDGING AS REQUIRED FOR C&C WIND LOADS PROVIDED ON DWG. S100.

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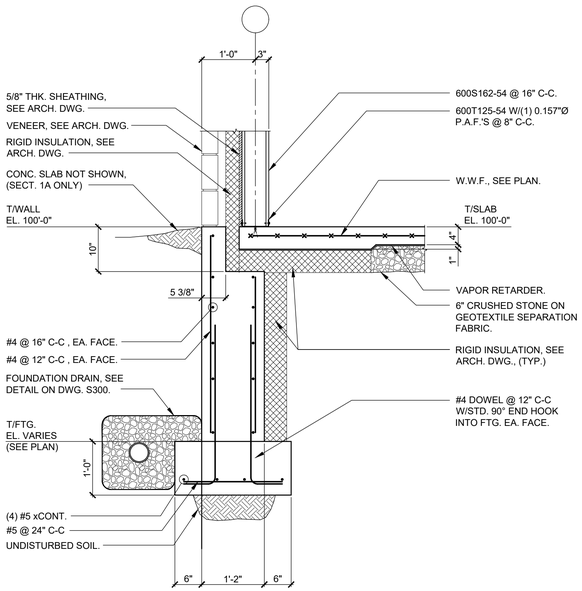
NO.	REVISIONS	DATE
0	ISSUED FOR BID	06/15/2026

DWG. TITLE

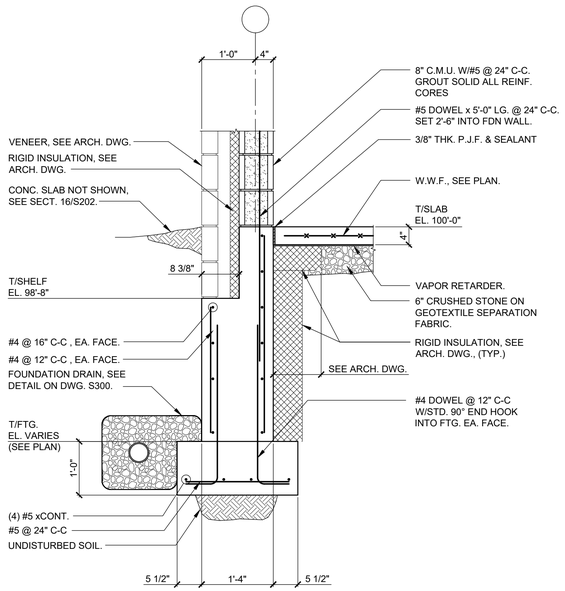
HIGH ROOF FRAMING PLAN

0 1" 2"
GENERIC SCALE BAR
SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING. IF NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY

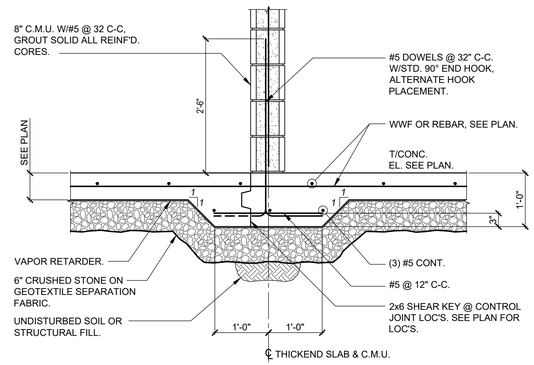
DATE	06/15/26
SCALE	As indicated
DWN.	JVL
CHK.	SMR
PROJ. No.	653001
DWG. No.	**S103**



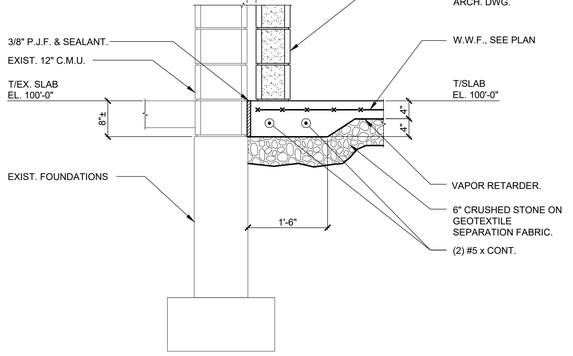
SECTION 1 / 1A
3/4"=1'-0" S200 S200



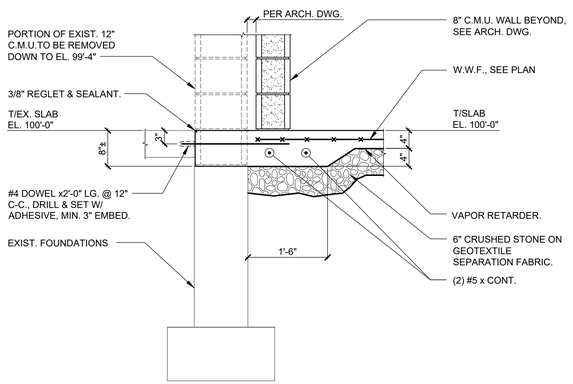
SECTION 2
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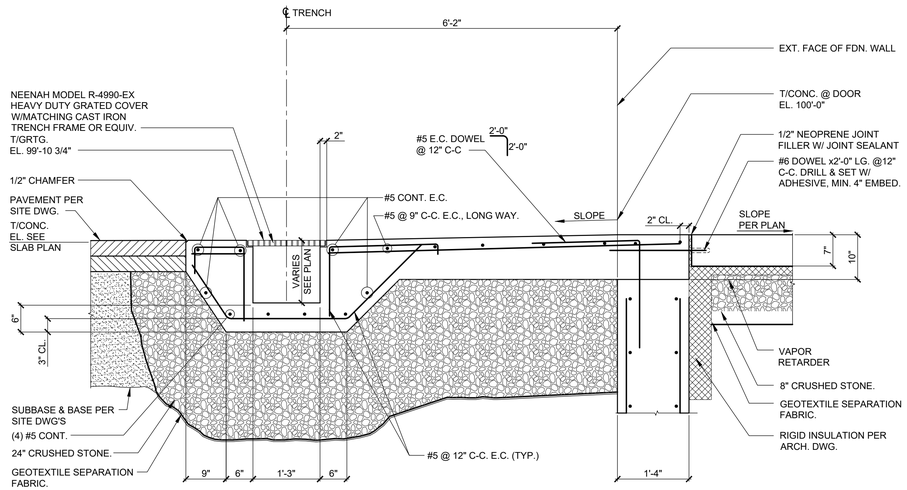
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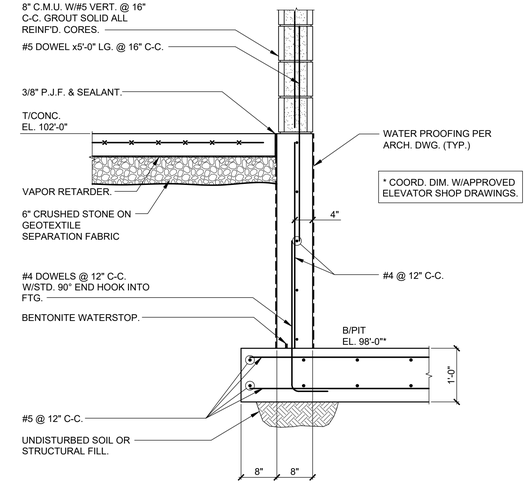
SECTION 4
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SECTION 4A
3/4"=1'-0" S200



SECTION 5
3/4"=1'-0" S200



SECTION 6
3/4"=1'-0" S200

MARLBORO FIRE DEPARTMENT

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14 GRAND STREET,
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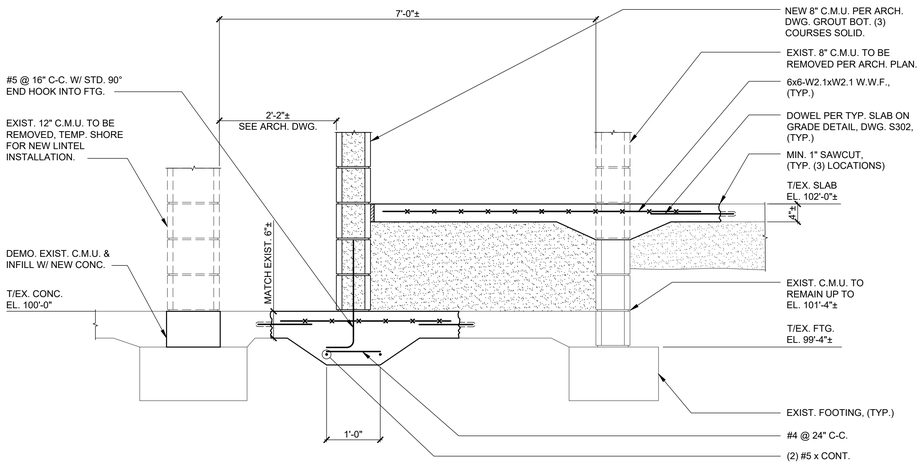
DWG. TITLE

FOUNDATION SECTIONS SHEET 1

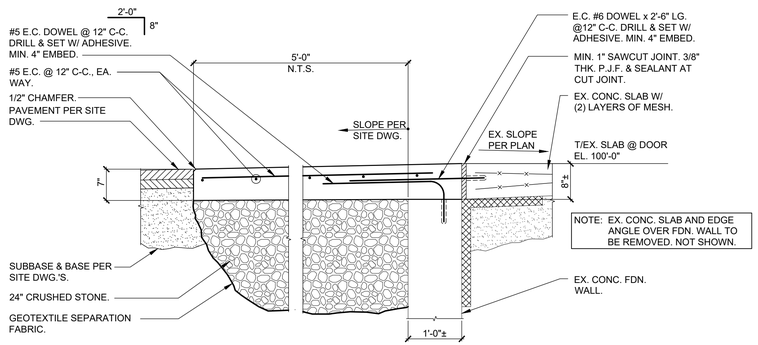
0 1" 2"
GENERIC SCALE BAR
SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING. IF NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY

DATE	06/23/2026
SCALE	AS NOTED
DWN.	JAG CHK. SMR
PROJ. No.	SRA# 25-608
DWG. No.	

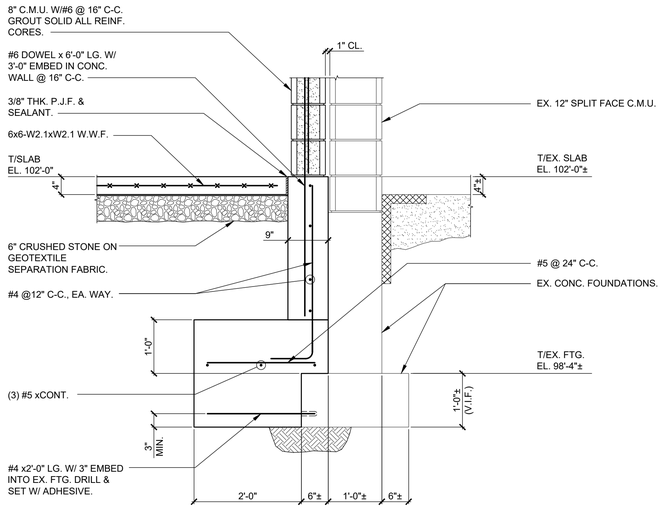
S200



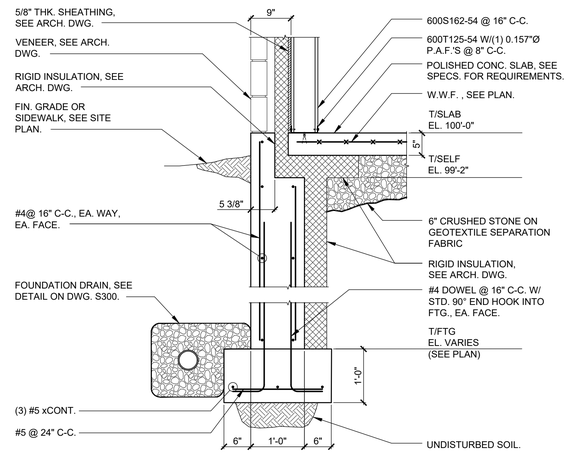
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3/4"=1'-0" S201



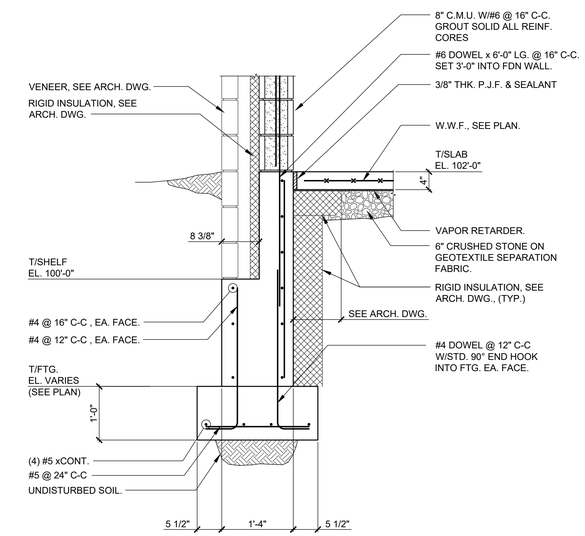
SECTION 8
3/4"=1'-0" S201



SECTION 9
3/4"=1'-0" S201



SECTION 10
3/4"=1'-0" S201



SECTION 11
3/4"=1'-0" S201

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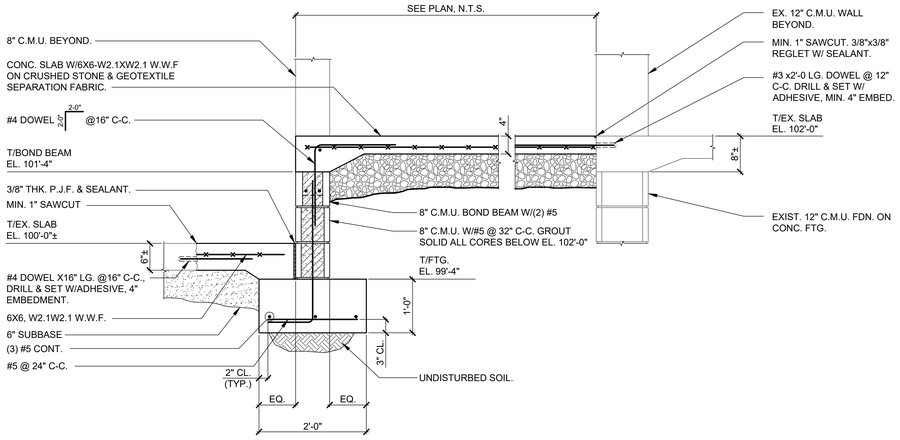
DWG. TITLE

FOUNDATION SECTIONS SHEET 2

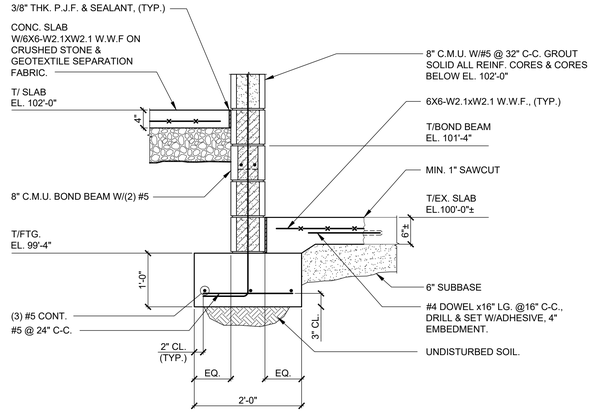
0 1" 2"
GENERIC SCALE BAR
SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING. IF NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY

DATE 08/28/2026
SCALE AS NOTED
DWN. JAG CHK. SMR
PROJ. No. SRA# 25-608
DWG. No.

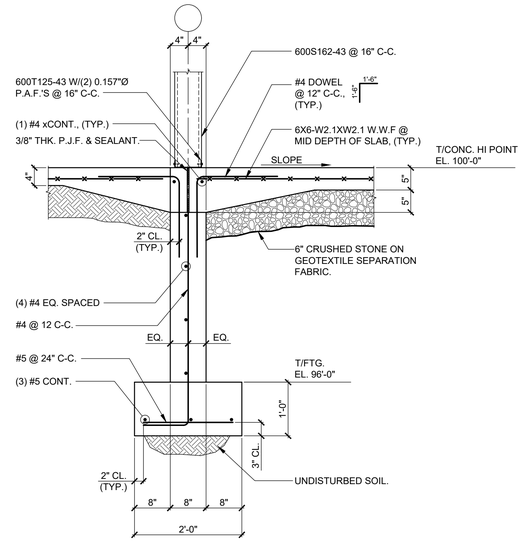
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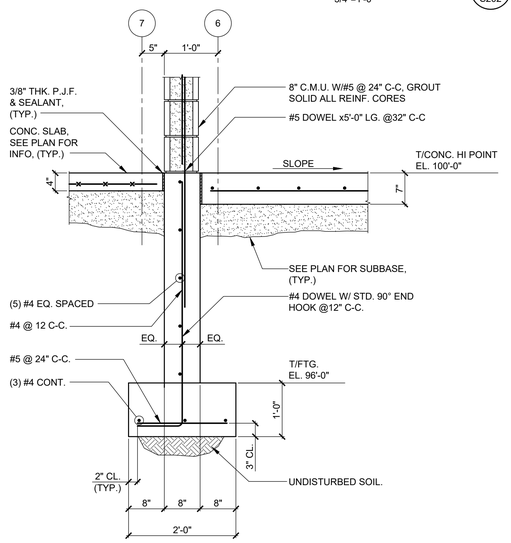
SECTION 12 S202
3/4"=1'-0"



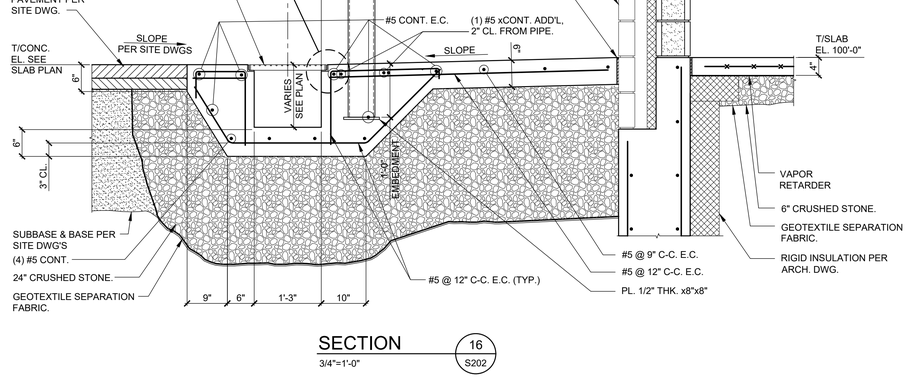
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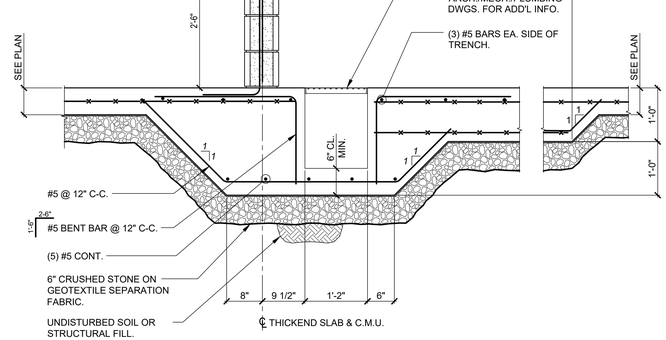
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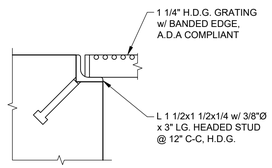
SECTION 15 S202
3/4"=1'-0"



SECTION 16 S202
3/4"=1'-0"



SECTION 17 S202
3/4"=1'-0"



DETAIL A S202
3"=1'-0"

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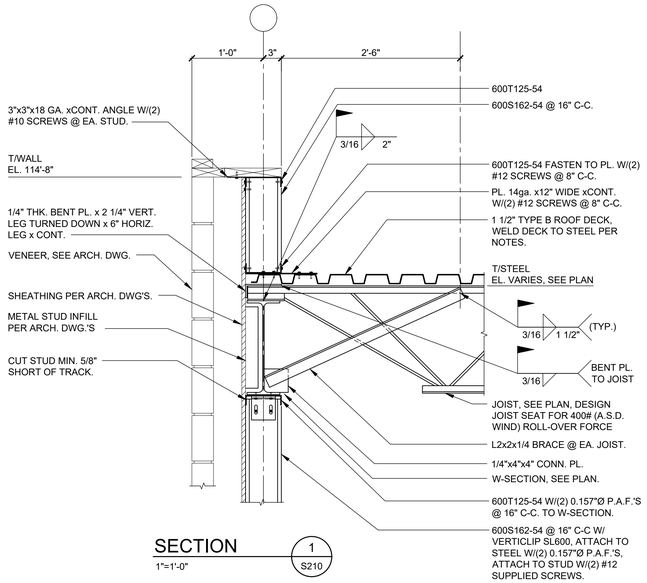
NO.	REVISIONS	DATE
0	ISSUED FOR BID	06/15/2026

DWG. TITLE

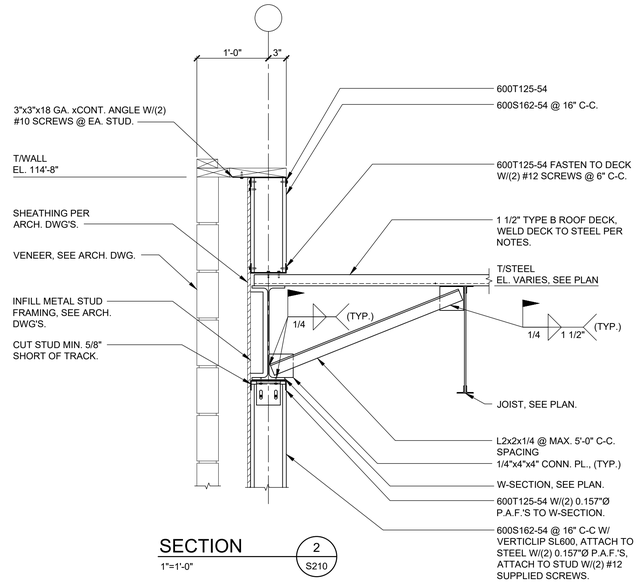
FOUNDATION SECTIONS SHEET 3

0 1" 2"
GENERIC SCALE BAR
SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING. IF NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY

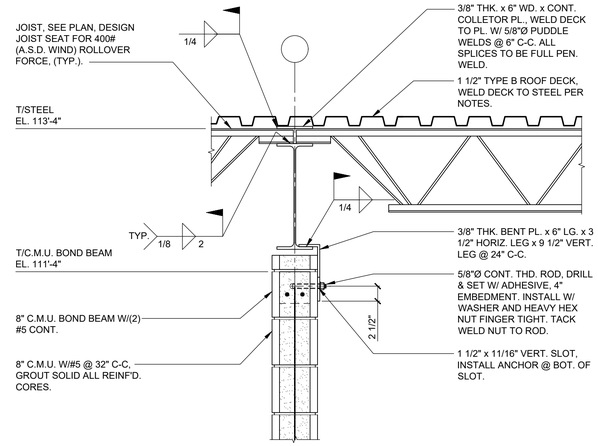
DATE	06/25/2026
SCALE	AS NOTED
DWN.	JAG CHK. SMR
PROJ. No.	SRA# 25-608
DWG. No.	S202



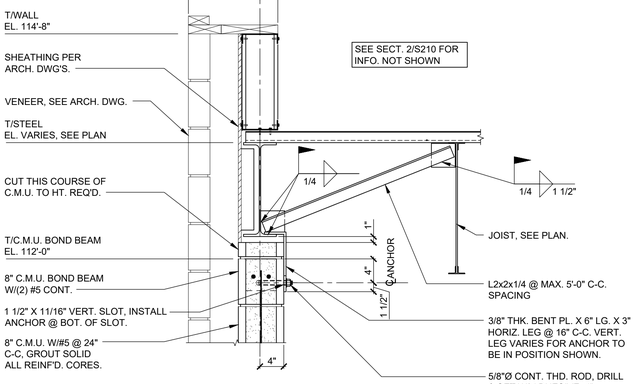
SECTION 1 / S210
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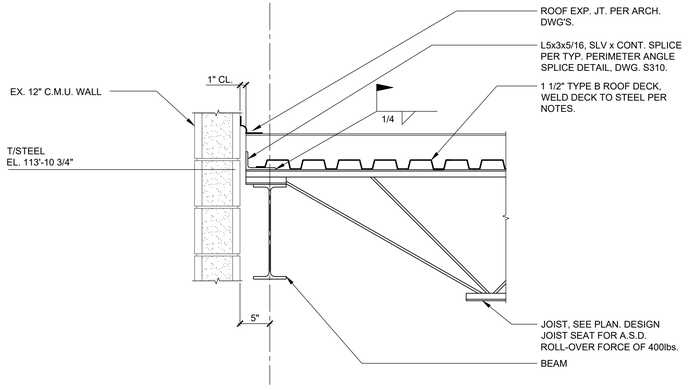
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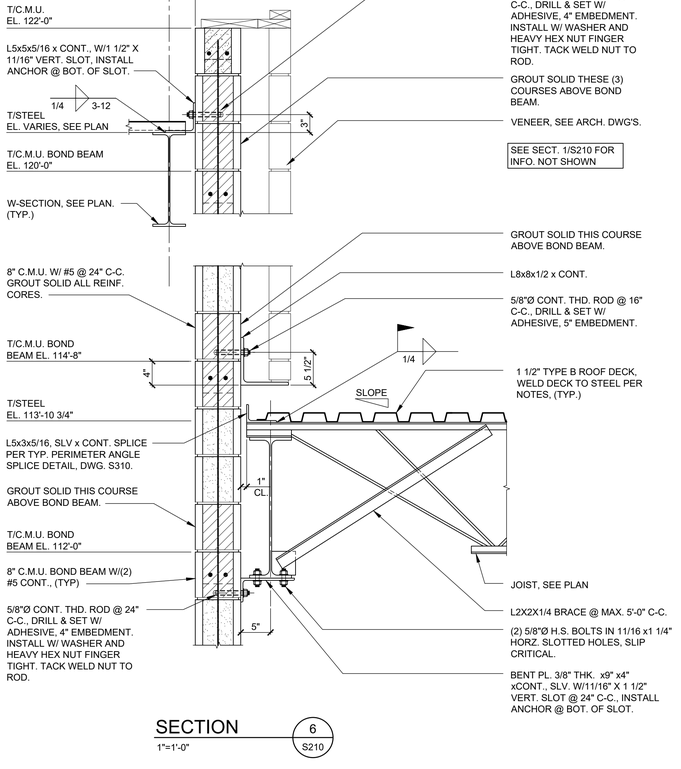
SECTION 3 / S210
1"=1'-0"



SECTION 4 / S210
1"=1'-0"



SECTION 5 / S210
1"=1'-0"



SECTION 6 / S210
1"=1'-0"

MARLBORO FIRE DEPARTMENT

MARLBORO HOSE CO. NO. 1
14 GRAND STREET,
MARLBORO, NY 12542

MARLBOROUGH FIRE STATION ADDITIONS AND RENOVATION

CONSTRUCTION DOCUMENTS

wendel
Centerpointe Corporate Park
375 Essjay Road, Suite 200
Williamsville, NY 14221
www.wendelcompanies.com
p:716.688.0766 tf:877.293.6335
Wendel WD Architecture, Engineering, Surveying and Landscape Architecture, P.C

SRA ENGINEERS
Evergreen Professional Park
453 Dixon Road, Suite 7, Bldg. 3
Queensbury, New York 12804
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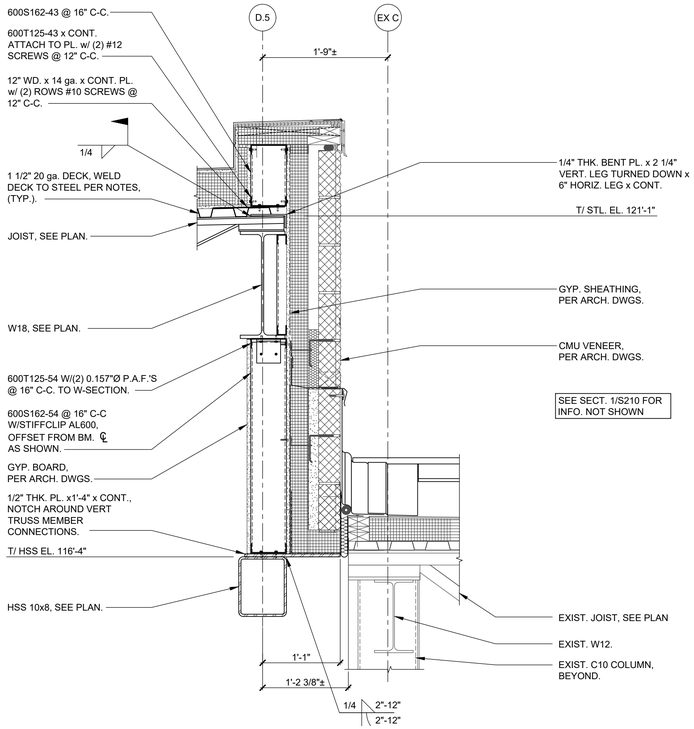
NO.	REVISIONS	DATE
0	ISSUED FOR BID	06/15/2026

DWG. TITLE

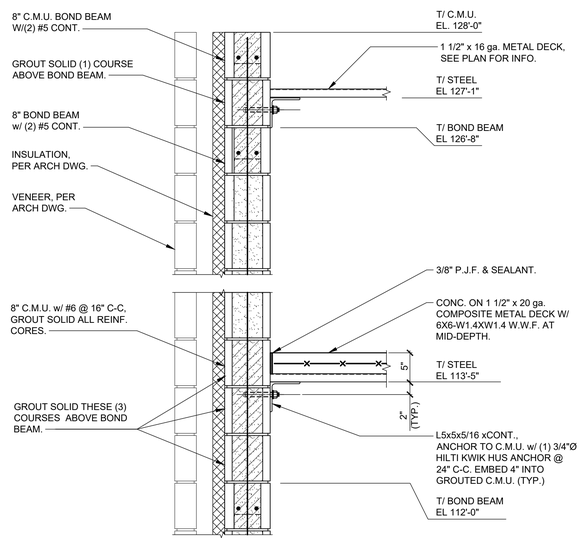
FRAMING SECTIONS SHEET 1

GENERIC SCALE BAR
SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING. IF NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY

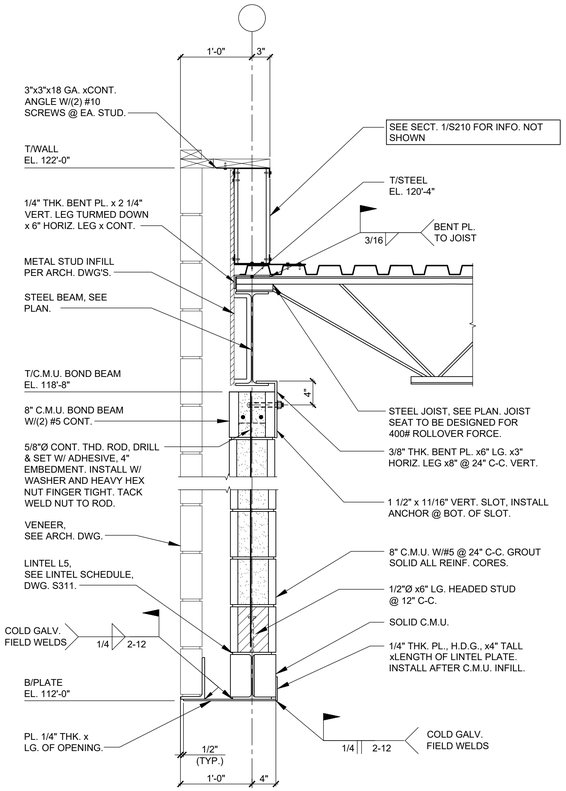
DATE	08/25/2026
SCALE	AS NOTED
DWN.	JAG CHK. SMR
PROJ. No.	SRA# 25-608
DWG. No.	S210



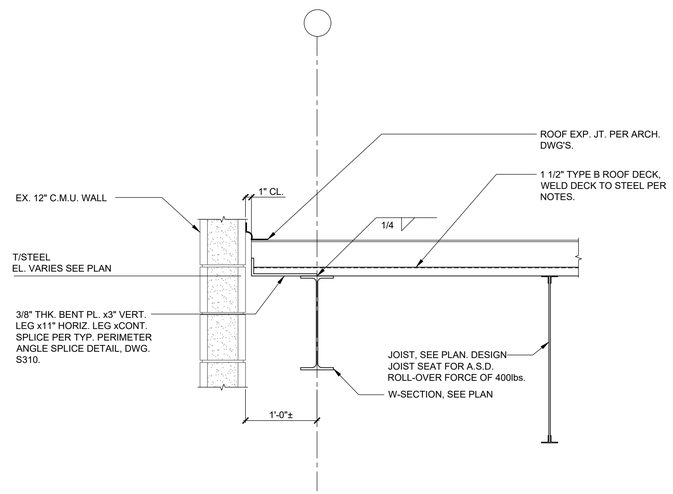
SECTION 7
1"=1'-0" S211



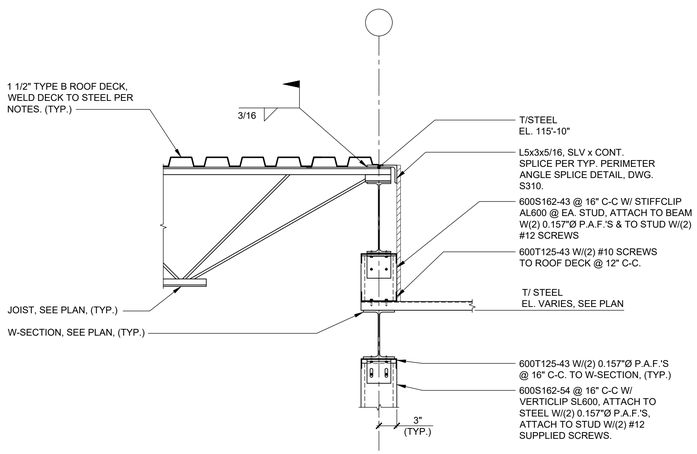
SECTION 8
1"=1'-0" S211



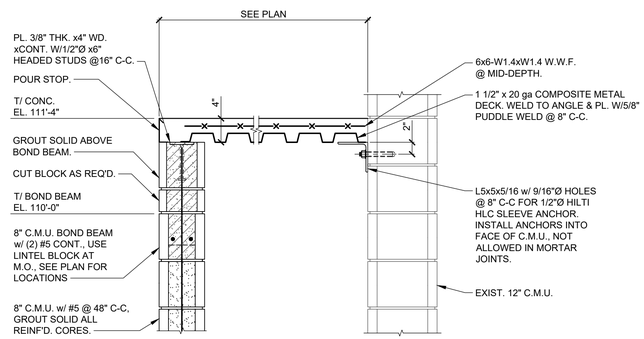
SECTION 9
1"=1'-0" S211



SECTION 10
1"=1'-0" S211



SECTION 11
1"=1'-0" S211



SECTION 12
1"=1'-0" S211

MARLBORO FIRE DEPARTMENT
MARLBORO HOSE CO. NO. 1
14 GRAND STREET,
MARLBORO, NY 12542

MARLBOROUGH FIRE STATION ADDITIONS AND RENOVATION

CONSTRUCTION DOCUMENTS

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NO.	REVISIONS	DATE
0	ISSUED FOR BID	06/15/2026

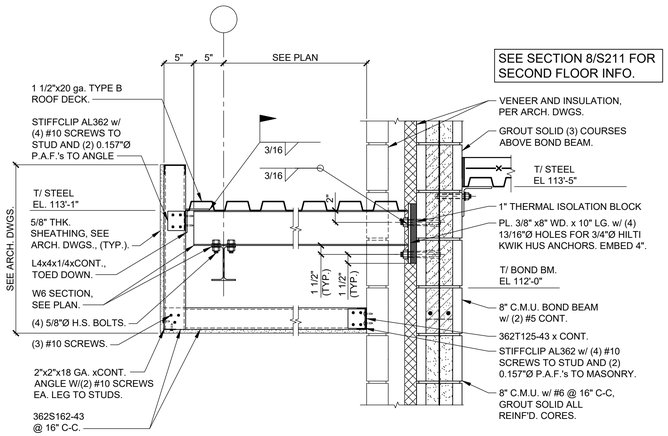
DWG. TITLE

FRAMING SECTIONS SHEET 2

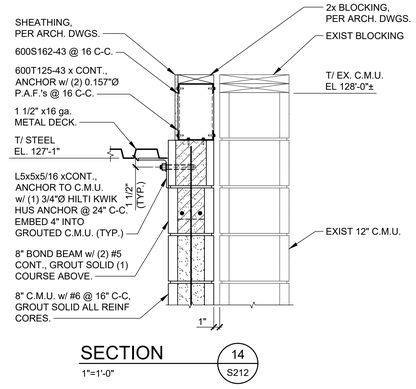
0 1" 2"
GENERIC SCALE BAR
SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING. IF NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY

DATE	08/28/2026
SCALE	AS NOTED
DWN.	JAG CHK. SMR
PROJ. No.	SRA# 25-608
DWG. No.	

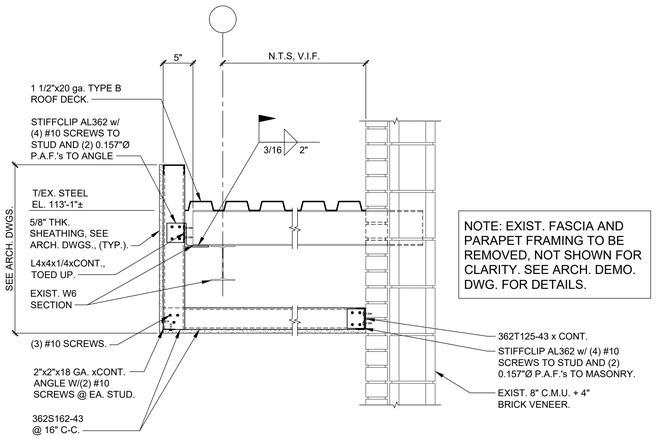
S211



SECTION 13
1"=1'-0" S212



SECTION 14
1"=1'-0" S212



SECTION 15
1"=1'-0" S212

SEE ARCH. DWGS. FOR INFO. NOT SHOWN

SECTION 16
1"=1'-0" S212

SECTION 17
1"=1'-0" S212

SECTION 18
1"=1'-0" S212

SECTION 19
1"=1'-0" S212

MARLBORO FIRE DEPARTMENT
MARLBORO HOSE CO. NO. 1
14 GRAND STREET,
MARLBORO, NY 12542

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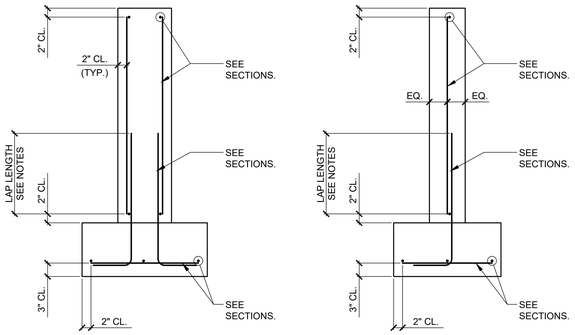
NO.	REVISIONS	DATE
0	ISSUED FOR BID	06/15/2026

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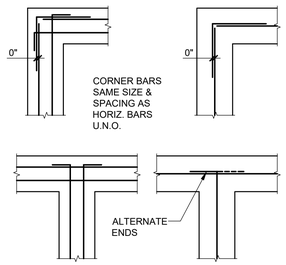
FRAMING SECTIONS SHEET 3

0 1" 2"
GENERIC SCALE BAR
SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING. IF NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY

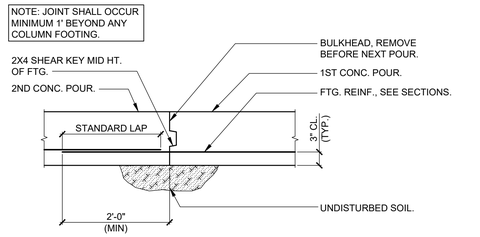
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SCALE	AS NOTED
DWN.	JAG CHK. SMR
PROJ. No.	SRA# 25-608
DWG. No.	S212



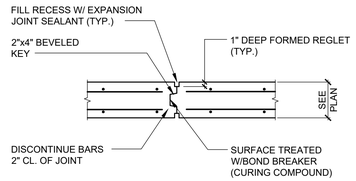
TYPICAL FOUNDATION WALL REBAR PLACEMENT DETAIL
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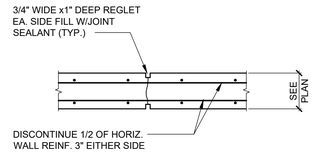
TYPICAL CORNER REINF. DETAILS
N.T.S.



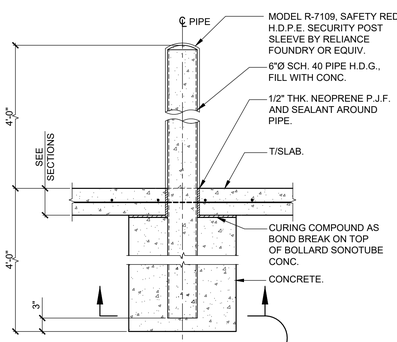
TYPICAL WALL FOOTING CONSTUCTION JOINT DETAIL
N.T.S.



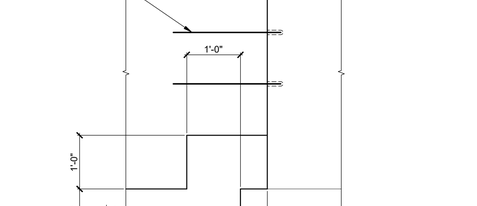
TYPICAL WALL CONSTRUCTION JOINT
N.T.S.



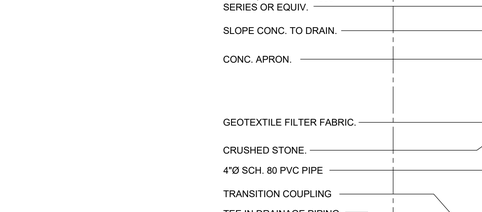
TYPICAL WALL CONTROL JOINT
N.T.S.



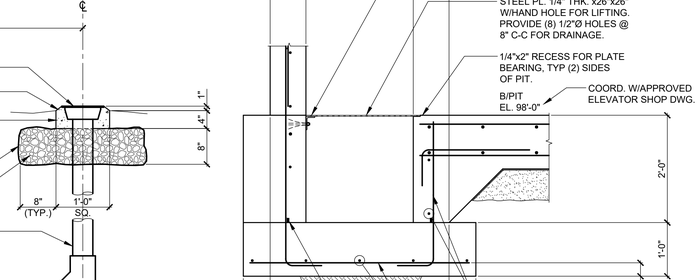
TYPICAL SLAB ON GRADE ISOLATION JOINT
N.T.S.



TYPICAL SLAB CONTROL JOINT DETAIL
N.T.S.



TYPICAL SLAB CONSTRUCTION JOINT DETAIL
N.T.S.

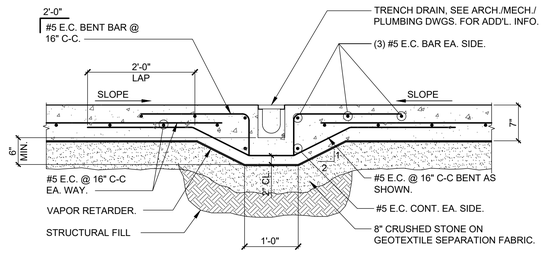


TYPICAL THICKENED SLAB DETAIL AT EXTERIOR DOOR
3/4"=1'-0"

TYPICAL STEPPED FOOTING DETAIL
N.T.S.

TYPICAL FOUNDATION DRAIN DETAIL
3/4"=1'-0"

TYPICAL APPARATUS BAY SLAB CONTROL JOINT DETAIL
N.T.S.



APPARATUS BAY TRENCH DRAIN DETAIL
N.T.S.

TYPICAL BOLLARD DETAIL
N.T.S.

TYPICAL NEW TO EXISTING FOUNDATION WALL CONNECTION DETAIL
3/4"=1'-0"

TYPICAL DRAINAGE PIPING CLEAN-OUT DETAIL
N.T.S.

TYPICAL ELEVATOR SUMP PIT DETAIL
3/4"=1'-0"

MARLBORO FIRE DEPARTMENT
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0	ISSUED FOR BID	06/15/2026

DWG. TITLE

TYPICAL FOUNDATION DETAILS SHEET 1

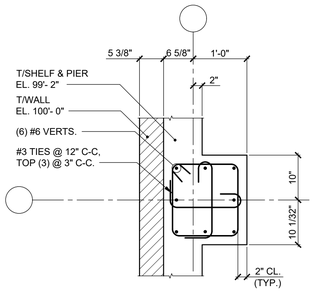
GENERIC SCALE BAR
0 1" 2"
SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING. IF NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY

DATE	08/25/2026
SCALE	AS NOTED
DWN.	JAG
CHK.	SMR
PROJ. No.	SRA# 25-608
DWG. No.	

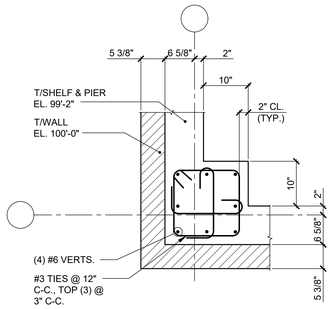
S300

FOOTING SCHEDULE

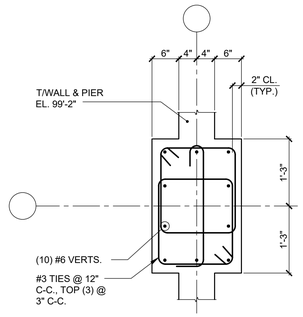
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	A	B	T	
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B, B'	5'-0"	5'-0"	1'-0"	(6) #5 EA. WAY BOTT. (5) #5 EA. WAY TOP @ B'
C	8'-0"	6'-0"	1'-6"	(5) #5 LG. DIR. TOP & BOTT. (7) #5 SHORT DIR. TOP & BOTT.
D	5'-0"	3'-0"	1'-0"	(3) #5 LG. DIR. TOP & BOTT. (6) #5 SHORT DIR. TOP & BOTT.
E	6'-0"	5'-0"	1'-6"	(6) #5 EA. WAY TOP & BOTT.
F	8'-0"	5-0"	1'-6"	(4) #5 EA. WAY BOTT. (9) #5 SHORT DIR. TOP & BOTT.
G	9'-0"	6-0"	1'-6"	(6) #5 LG. DIR. TOP & BOTT. (10) #5 SHORT DIR. TOP & BOTT.
H	3'-0"	3'-0"	1'-0"	(4) #5 EA. WAY BOTT.



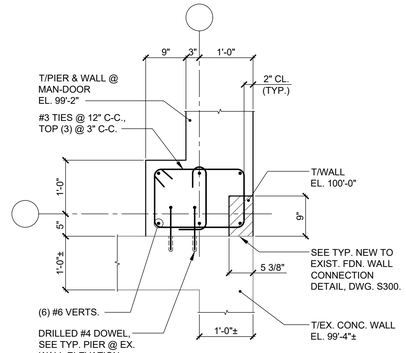
PIER TYPE 1
3/4"=1'-0"



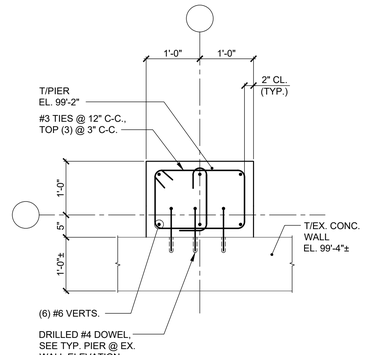
PIER TYPE 2
3/4"=1'-0"



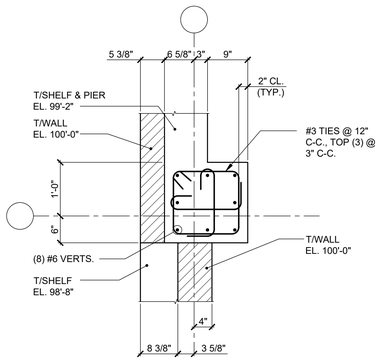
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3/4"=1'-0"



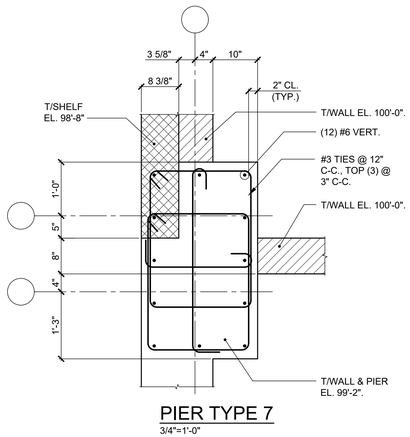
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3/4"=1'-0"



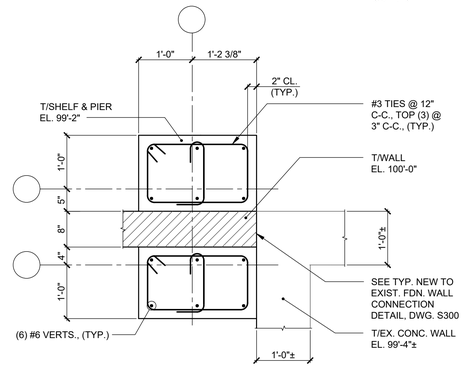
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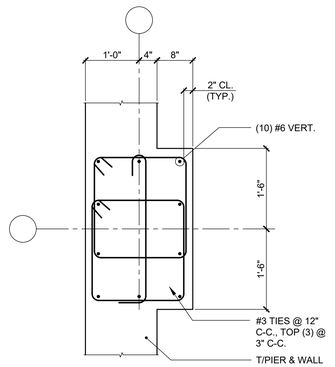
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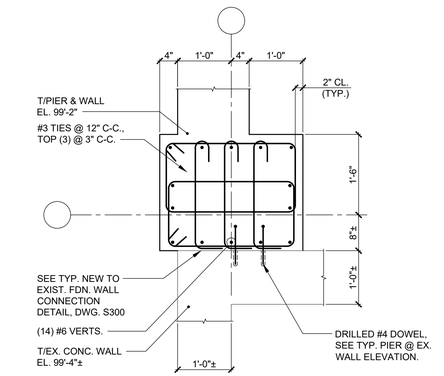
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3/4"=1'-0"



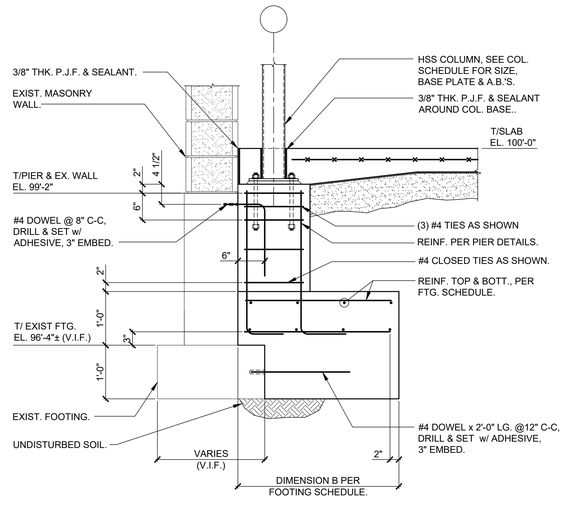
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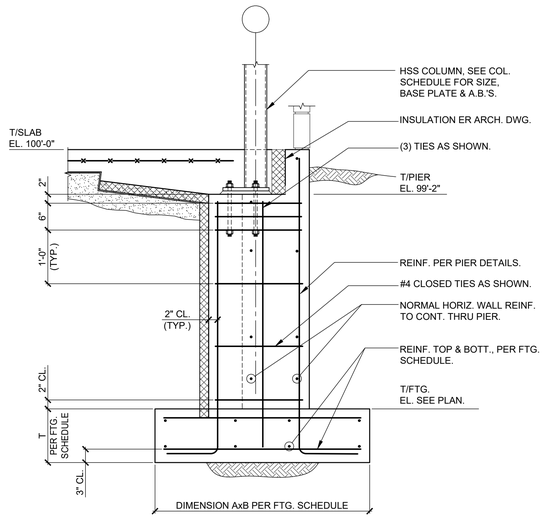
PIER TYPE 9
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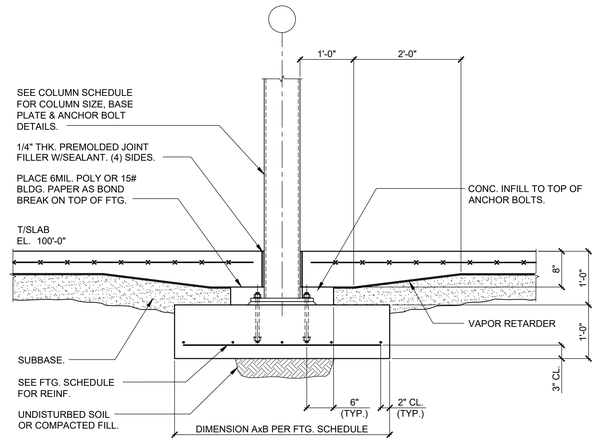
PIER TYPE 10
3/4"=1'-0"



TYPICAL PIER @ EXIST. WALL ELEVATION
3/4"=1'-0"



TYPICAL EXTERIOR PIER ELEVATION
3/4"=1'-0"



TYPICAL INTERIOR COLUMN FOUNDATION DETAIL
3/4"=1'-0"

MARLBORO FIRE DEPARTMENT

MARLBORO HOSE CO. NO. 1
14 GRAND STREET,
MARLBORO, NY 12542

MARLBOROUGH FIRE STATION
ADDITIONS AND RENOVATION

CONSTRUCTION DOCUMENTS

wendel

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Williamsville, NY 14221
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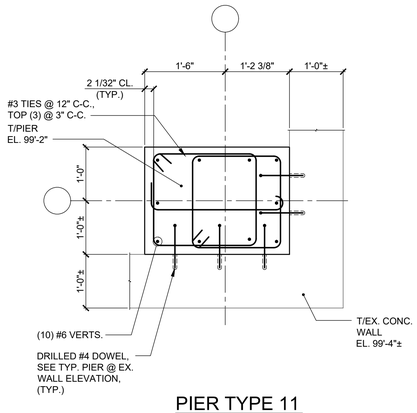
DWG. TITLE

FOOTING SCHEDULE & PIER DETAILS SHEET 1

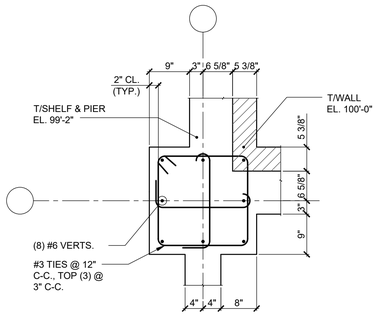
0 1" 2"
GENERIC SCALE BAR
SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING. IF NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY

DATE	08/25/2026
SCALE	AS NOTED
DWN.	JAG CHK. SMR
PROJ. No.	SRA# 25-608
DWG. No.	

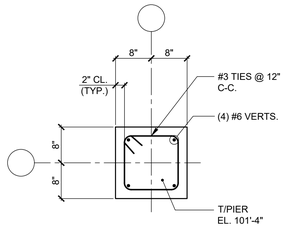
S301



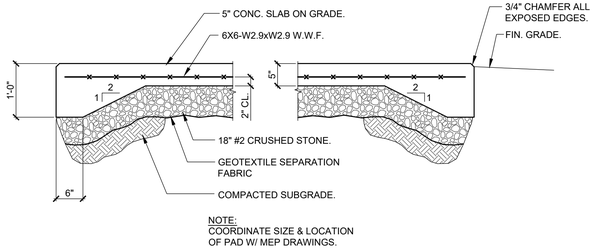
PIER TYPE 11
3/4"=1'-0"



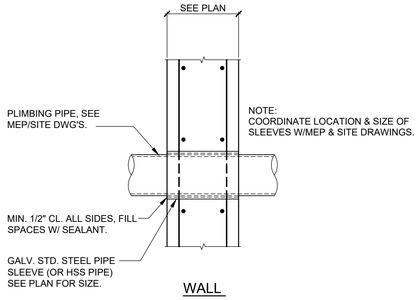
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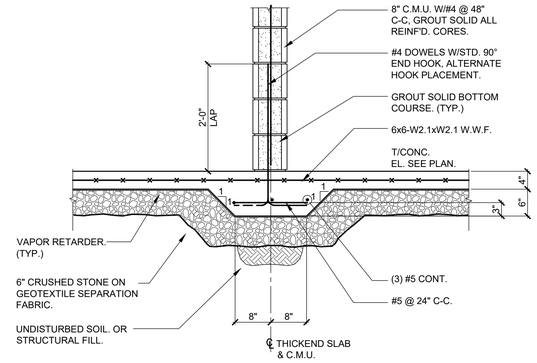
PIER TYPE 13
3/4"=1'-0"



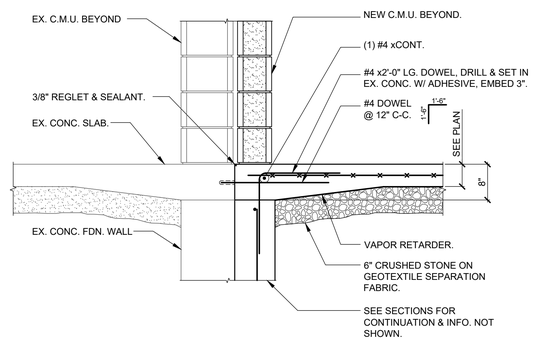
TYPICAL MECHANICAL UNIT PAD DETAIL
N.T.S.



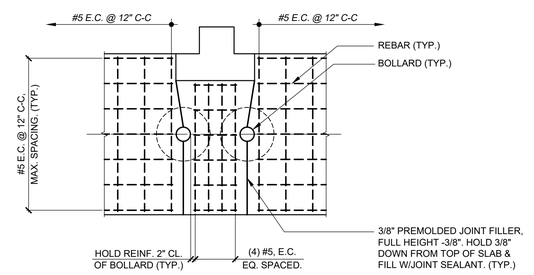
TYPICAL PIPE SLEEVE DETAIL
N.T.S.



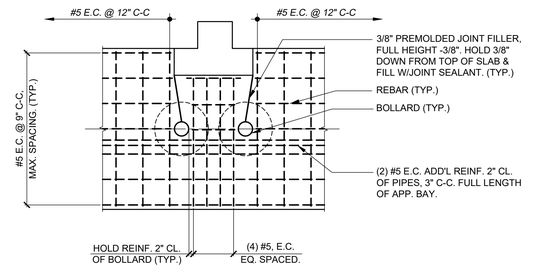
TYPICAL THICKENED SLAB AT INTERIOR WALL
3/4"=1'-0"



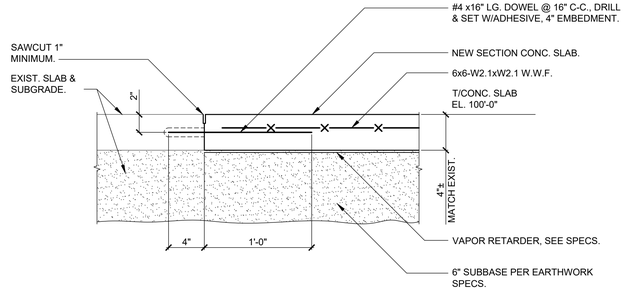
TYPICAL ELEVATOR ADDITION HAUNCHED SLAB
3/4"=1'-0"



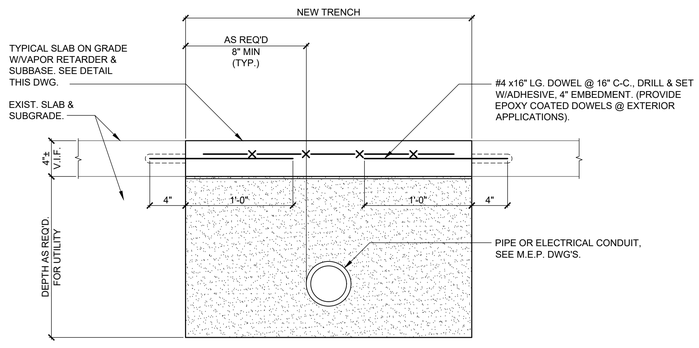
PLAN DETAIL A
3/8"=1'-0"



PLAN DETAIL B
3/8"=1'-0"



TYPICAL SLAB ON GRADE DETAIL
1 1/2"=1'-0"



TYPICAL TRENCH DETAIL
1 1/2"=1'-0"

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DWG. TITLE

PIER DETAILS SHEET 2 & MISC. DETAILS

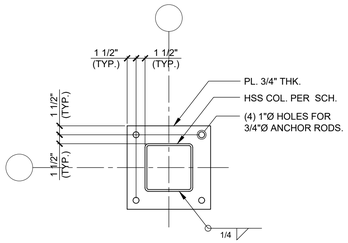
0 1" 2"
GENERIC SCALE BAR
SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING. IF NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY

DATE	06/25/2026
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DWN.	JAG CHK. SMR
PROJ. No.	SRA# 25-608
DWG. No.	S302

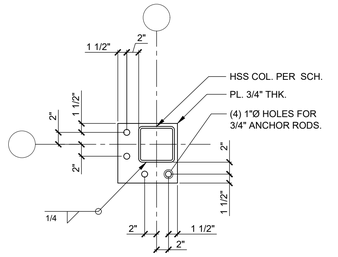
COLUMN SCHEDULE

COLUMN MARK	A - 8 A - 10	B - 7 ***F - 7 B - 12 ***F - 9 D - 12 F - 11	B - 8 B - 8.5 B - 10	B - 9 C - 12 E - 11	C - 7 D - 7 D.5 - 7	C - 9 D - 9 E - 9	***F - 3.1 ***F - 6	D.5 - 3.1	D.5 - 6	E.5 - 3.1	***F - 4 ***F - 5	G - 1.2 G - 1.8
*T/STEEL EL.	116" - 3 1/2"	VARIES, SEE PLAN	115' - 10"	VARIES, SEE PLAN	113' - 10 3/4"	113' - 4"	120' - 4"	121' - 1"	121' - 1"	120' - 7 3/4"	120' - 4"	113' - 1"
	HSS5X5X5/16	HSS5X5X5/16, F-7 = HSS8X6X5/16, & F-9 = HSS8X6X5/16 **F-7; WEST, NORTH, SOUTH **F-9; WEST, SOUTH, EAST	HSS5X5X3/8	HSS5X5X5/16	HSS5X5X5/16	HSS5X5X5/16	HSS10X8X5/16, H.D.G. ***F-3.1; WEST, NORTH **F-6; WEST, NORTH, SOUTH	HSS7X7X5/16, H.D.G.	HSS7X7X5/16, H.D.G.	HSS6X6X3/8	HSS10X8X3/8, H.D.G. **F-4 & F-5 ; ALL (4) SIDES	HSS4X4X5/16, H.D.G.
B/BASE PL. EL.	99'-3"	99'-3"	99'-3"	99'-3"	99'-3"	99'-1"	99'-3"	99'-3"	99'-3"	99'-3"	99'-3"	101-5"
CAP PLATE	CLOSURE PLATE 1/4" THK.	CLOSURE PLATE 1/4" THK.	CLOSURE PLATE 1/4" THK.	CLOSURE PLATE 1/4" THK.	CLOSURE PLATE 1/4" THK.	CLOSURE PLATE 1/4" THK.	MC	CLOSURE PLATE 1/4" THK.	CLOSURE PLATE 1/4" THK.	CLOSURE PLATE 1/4" THK.	MC	A
BASE PLATE	B	B	A C1 @ B-8.5	A	D D1 @ D-7	A	E @ F-3.1 C @ F-6	C1	D	D	C	A
ANCHOR BOLTS	(4) 3/4"Ø	(4) 3/4"Ø	3/4"Ø (4) 1"Ø @ B-8.5	(4) 3/4"Ø	(4) 3/4"Ø	(4) 3/4"Ø	(4) 1"Ø	(4) 1"Ø	(4) 3/4"Ø	(4) 3/4"Ø	(4) 1"Ø	(4) 3/4"Ø

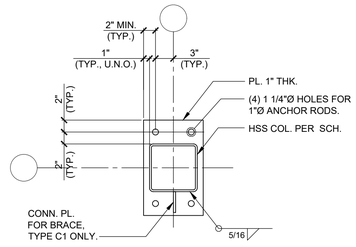
*T/STEEL ELEVATION SHOWN. FABRICATOR TO DETERMINE ACTUAL T/COL. EL.
** INSTALL H&B 359 WELD-ON-TIE TO COL. FACE LISTED.
*** COLUMNS F-3.1, -4, -5, -6, -7, & -9 TO BE OFFSET 3/8" EAST OF GRID F



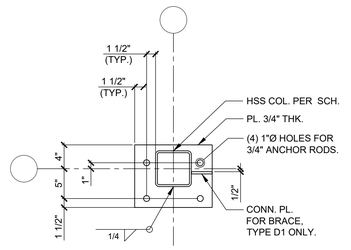
BASE PLATE TYPE A
1"=1'-0"



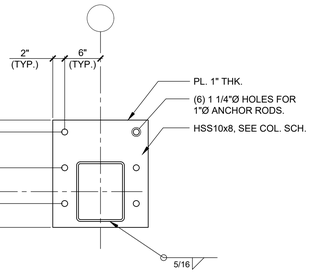
BASE PLATE TYPE B
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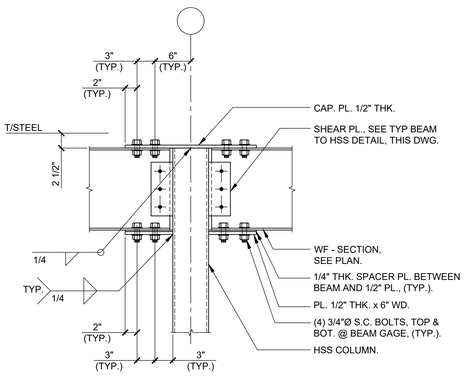
BASE PLATE TYPE C, C1
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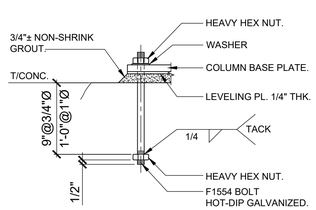
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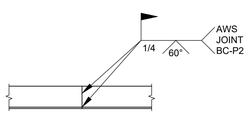
BASE PLATE TYPE E
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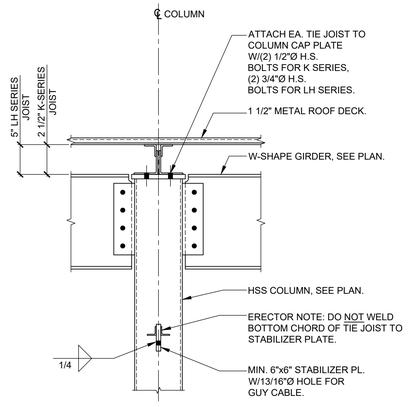
MOMENT CONNECTION DETAIL - MC
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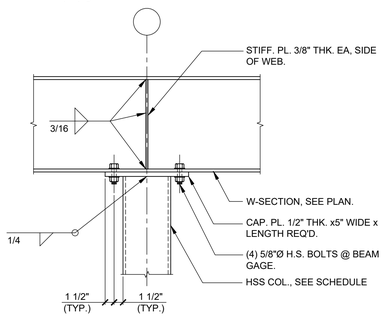
TYPICAL ANCHOR BOLT DETAIL
N.T.S.



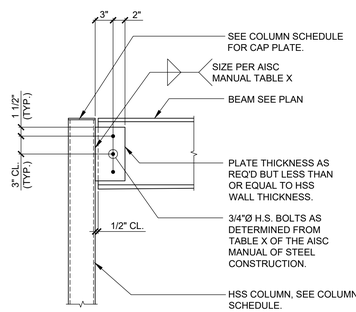
PERIMETER ANGLE SPLICE DETAIL
N.T.S.



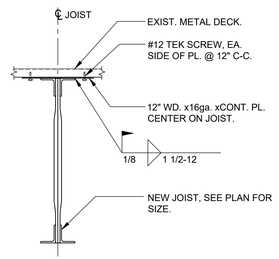
TYPICAL TIE JOIST TO COLUMN DETAIL
N.T.S.



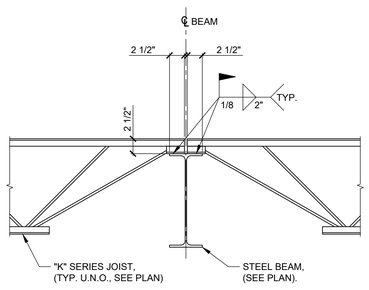
CAP PLATE TYPE A
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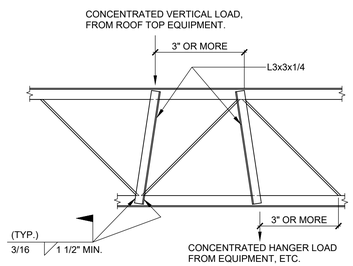
TYPICAL BEAM TO HSS COLUMN DETAIL
N.T.S.



TYPICAL NEW JOIST ATTACHMENT TO EXISTING DECK DETAIL
N.T.S.



TYPICAL JOIST TO BEAM CONNECTION DETAIL
N.T.S.



TYPICAL JOIST REINFORCEMENT DETAIL
N.T.S.

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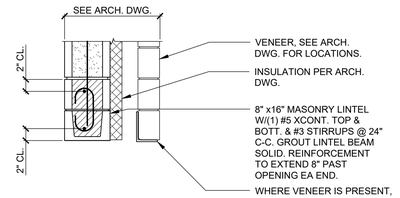
DWG. TITLE

TYPICAL FRAMING DETAILS SHEET 1 & COLUMN SCHEDULE

0 1" 2"
GENERIC SCALE BAR
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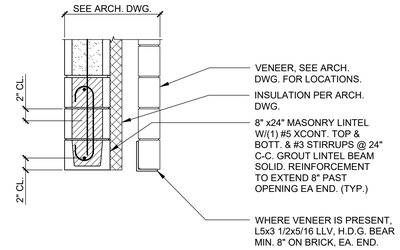
S310



TYP. MASONRY LINTEL DETAIL - ML1

1"=1'-0"

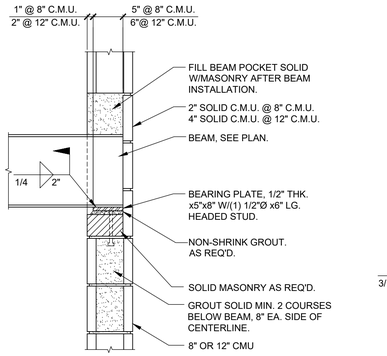
- MASONRY COURSE DIRECTLY ABOVE OPENING TO BE U-SHAPED LINTEL BLOCK. BOND BEAM BLOCK NOT PERMITTED.



TYP. MASONRY LINTEL DETAIL - ML2

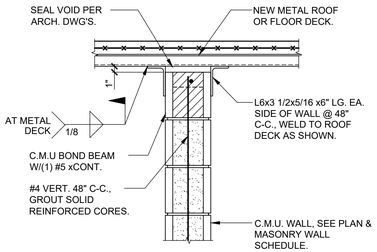
1"=1'-0"

- MASONRY COURSE DIRECTLY ABOVE OPENING TO BE U-SHAPED LINTEL BLOCK. BOND BEAM BLOCK NOT PERMITTED.



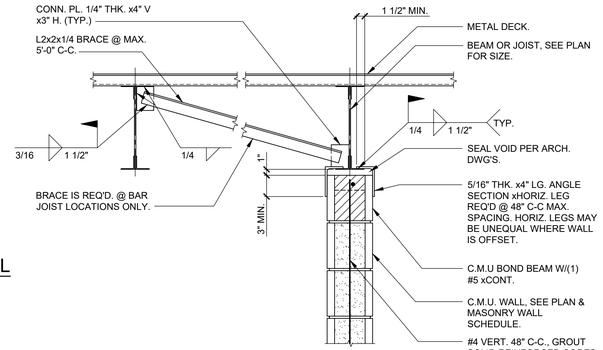
TYPICAL MASONRY BEAM POCKET DETAIL

1"=1'-0"



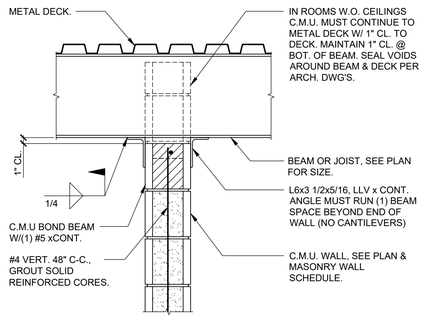
DETAIL A - TYPICAL NON-LOAD BEARING INTERIOR C.M.U. WALL SUPPORT DETAIL

1"=1'-0"



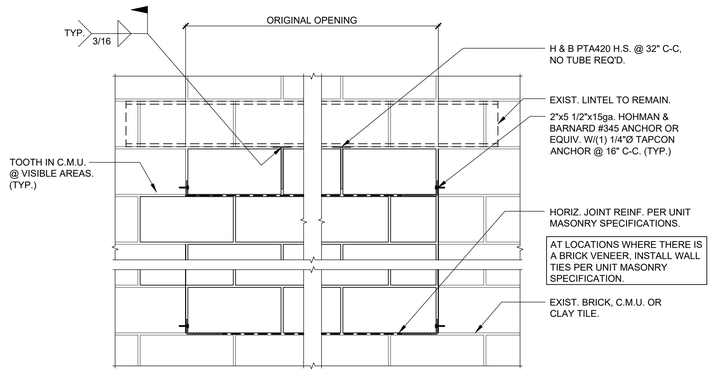
DETAIL B - TYPICAL NON-LOAD BEARING INTERIOR C.M.U. WALL SUPPORT DETAIL

1"=1'-0"



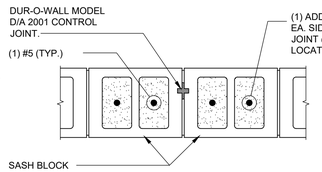
DETAIL C - TYPICAL NON-LOAD BEARING INTERIOR C.M.U. WALL SUPPORT DETAIL

1"=1'-0"



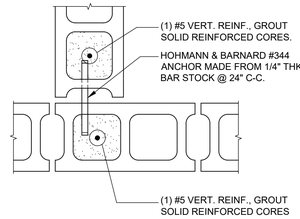
TYPICAL MASONRY INFILL DETAIL

1"=1'-0" (SEE ARCH. DWG'S FOR LOCATIONS REQ'D)



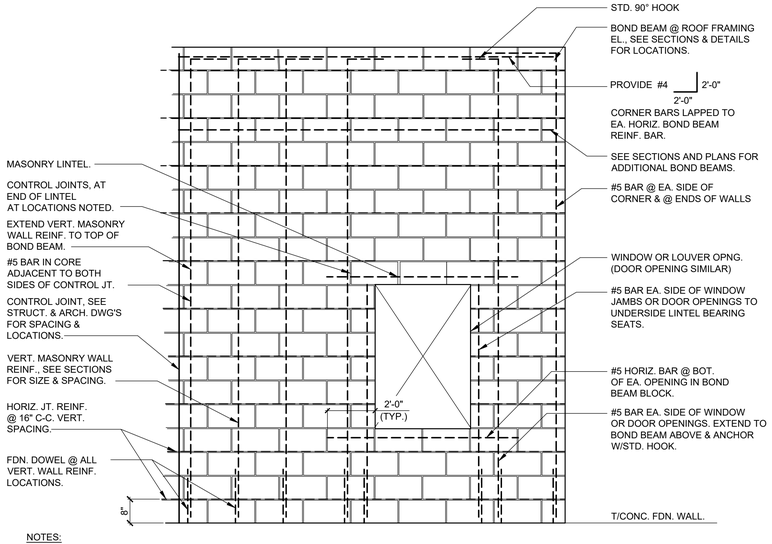
TYPICAL C.M.U. CONTROL JOINT

N.T.S.



TYPICAL C.M.U. INTERSECTING WALL DETAIL

N.T.S.

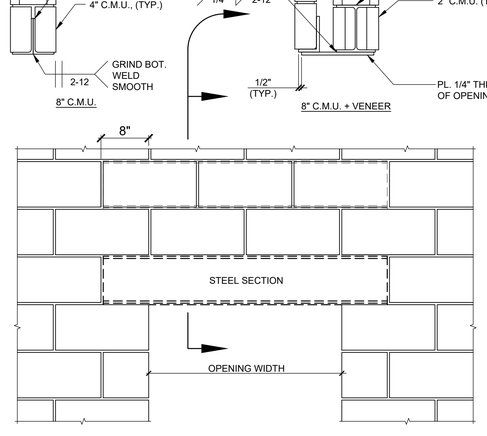


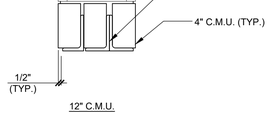
NOTES:

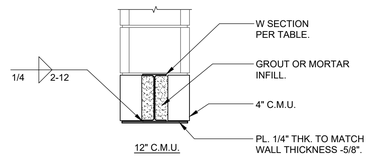
1. ALL REINFORCED CORES SHALL BE GROUTED SOLID. FILLING CORES WITH MASONRY MORTAR IS NOT AN ACCEPTABLE SUBSTITUTION.
2. SEE PLANS, SECTIONS & DETAILS FOR ADDITIONAL MASONRY WALL REINFORCING & FOR BOND BEAM LOCATIONS.
3. JOINT REINFORCEMENT SHALL BE A MINIMUM OF (2) W1.7 SIDE RODS W/W1.7 CROSS RODS @ A MAXIMUM SPACING OF 16" C-C. ALL JOINT REINFORCEMENT SHALL BE HOT-DIP GALVANIZED.
4. LAP ALL REINF. AS FOLLOWS: #4 BARS - 24"
   #5 BARS - 30"
   #6 BARS - 36"
   #8 BARS - 48"
5. SEE SECTIONS FOR NORMAL WALL VERTICAL REINFORCEMENT.
6. HORIZONTAL REINFORCEMENT TO BE PLACED IN SOLIDLY GROUTED BOND BEAMS. STANDARD BOND BEAM BLOCK, NOT LINTEL BLOCK SHALL BE USED AT THESE LOCATIONS EXCEPT AT DOOR OR WINDOW OPENINGS.
7. ALL VERTICAL REINFORCEMENT TO BE HELD IN POSITION WITH REBAR SPACERS.
8. REFER TO SPECIFICATIONS FOR MATERIALS & METHODS OF INSTALLATION.
9. MASONRY WALLS ARE NOT STABLE WITH RESPECT TO LATERAL LOADING UNTIL BRACED BY ROOF OR FLOOR FRAMING. CONTRACTOR SHALL PROVIDE TEMPORARY BRACING FOR ALL MASONRY WALLS AS REQUIRED TO RESIST WIND & OTHER LATERAL LOADS DURING CONSTRUCTION.
10. REBAR FABRICATOR SHALL PREPARE SHOP DRAWINGS SHOWING ELEVATIONS OF ALL REINFORCED MASONRY WALLS.

TYPICAL 8" C.M.U. WALL REINFORCING DETAIL

N.T.S.







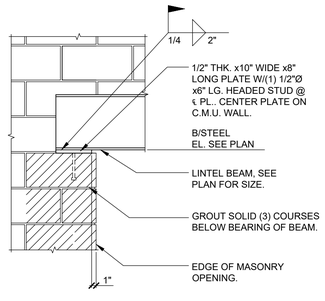
LINTEL SCHEDULE

OPNG. WIDTH	LINTEL	MASONRY	NOTES
L1	(2) L5x3 1/2x5/16 LLV	8" C.M.U.	
L2	(2) L5x3 1/2x5/16 LLBB + L6x4x5/16 LLV	EXISTING 12" C.M.U.	
L3	L6x3 1/2x5/16 LLV	4" VENEER	
L4	L3 1/2x3 1/2x5/16 LLV	4" VENEER	
L5	W8X15 + L8x4x1/2 LLV	8" C.M.U. + 4" VENEER	W8 TO CONNECT TO COLUMN. L8x4 TO BEAR ON VENEER
L6	W8X31 + PL.	EXISTING 12" C.M.U.	BEARING DETAIL A

1. SEE ARCHITECT DRAWINGS FOR OPENING SIZES & LOCATIONS.
2. ALL LINTELS SHALL BEAR A MINIMUM OF 8" ON C.M.U.. GROUT SOLID (3) CORES OF BLOCK BELOW EACH BEARING LINTEL.
3. ALL EXTERIOR LINTELS SHALL BE HOT DIP GALVANIZED PER ASTM A123.
4. PROVIDE LINTELS FOR MEP DUCT OPENINGS CORRESPONDING TO THE MASONRY WALL TYPE LISTED ABOVE, SEE NOTE DWG. S102, PROVIDE ADDITIONAL TYPE L1 LINTELS IN BASE BID.

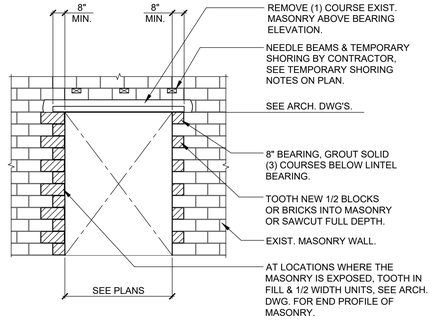
TYPICAL LINTEL DETAIL AND SCHEDULE

N.T.S.



LINTEL BEARING DETAIL A

N.T.S.



TYPICAL LINTEL DETAIL AT EXISTING BLDG.

N.T.S.

MARLBORO FIRE DEPARTMENT

MARLBORO HOSE CO. NO. 1
14 GRAND STREET,
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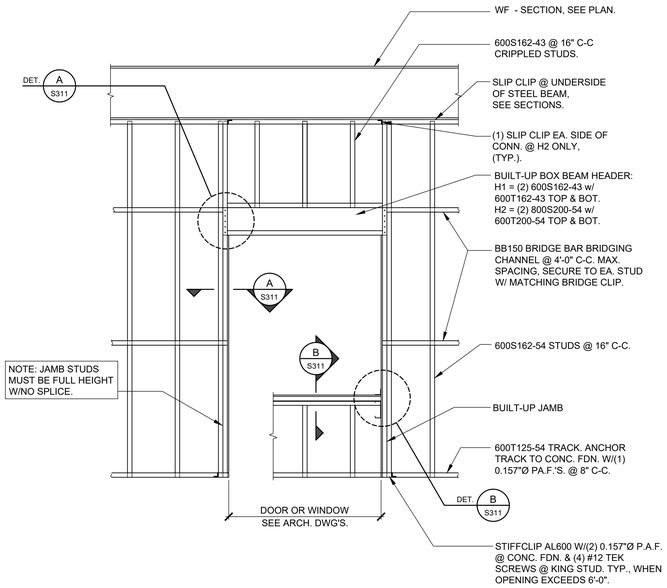
NO.	REVISIONS	DATE
0	ISSUED FOR BID	06/15/2026

DWG. TITLE

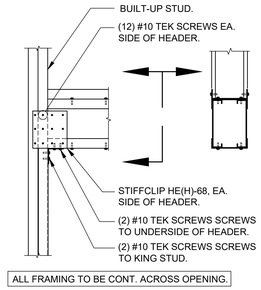
TYPICAL FRAMING DETAILS SHEET 2

0 1" 2"
GENERIC SCALE BAR
SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING. IF NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY

DATE	08/28/2026
SCALE	AS NOTED
DWN.	JAG CHK. SMR
PROJ. No.	SRA# 25-608
DWG. No.	**S311**

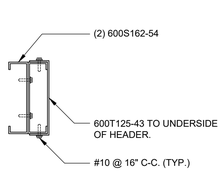


TYPICAL EXTERIOR METAL STUD WALL FRAMING DETAIL
N.T.S.

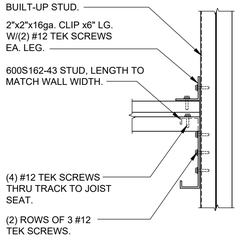


ALL FRAMING TO BE CONT. ACROSS OPENING.

DETAIL A
NTS S311

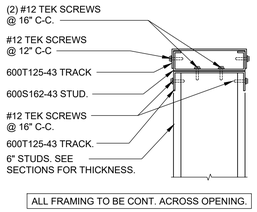


SECTION A
NTS S311



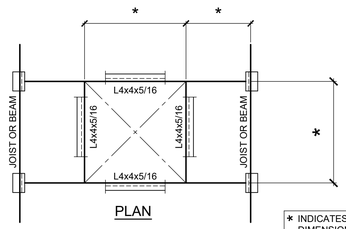
ALL FRAMING TO BE CONT. ACROSS OPENING.

DETAIL B
NTS S311



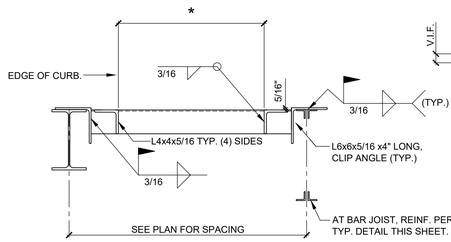
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SECTION B
NTS S311



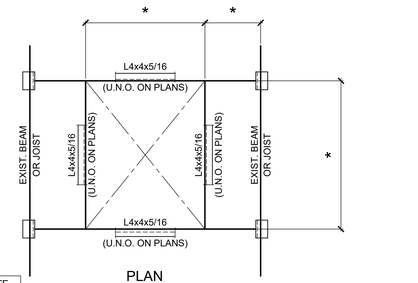
PLAN

* INDICATES TO COORDINATE DIMENSION WITH APPROVED MECHANICAL UNITS, DUCT OPENINGS & ROOF HATCHES.

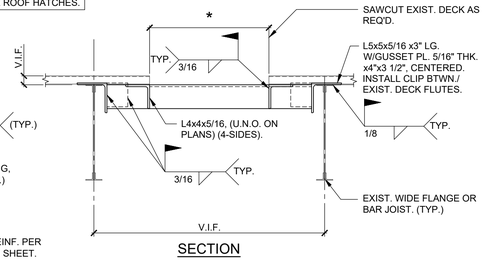


SECTION

TYPICAL ROOF OPENING FRAME DETAIL AT NEW ROOF
N.T.S.



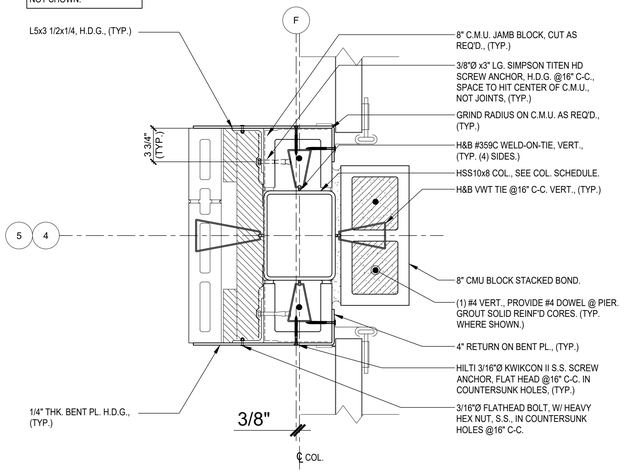
PLAN



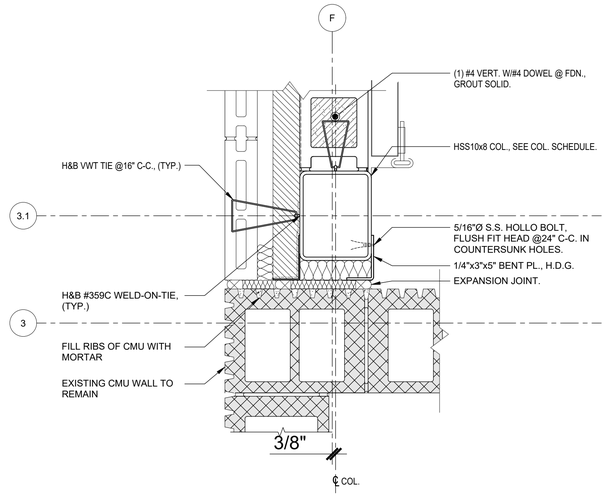
SECTION

TYPICAL ROOF OPENING FRAME DETAIL AT EXISTING ROOF
N.T.S.

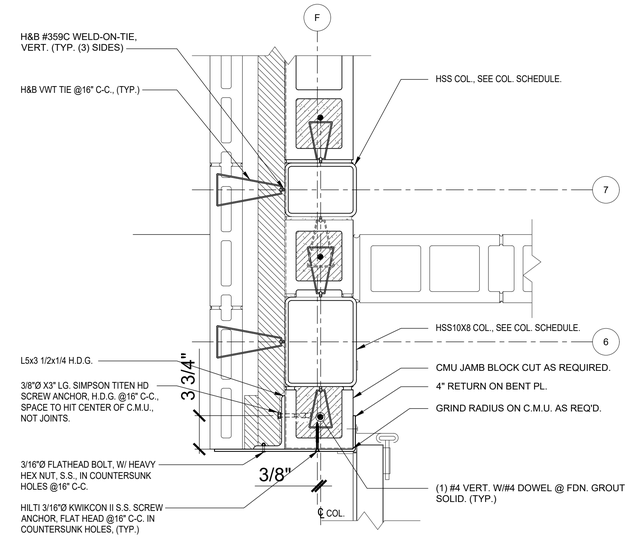
SEE ARCH. DWG. FOR INFO. NOT SHOWN.



DETAIL A
1 1/2" = 1'-0" S312



DETAIL B
1 1/2" = 1'-0" S312



DETAIL C
1 1/2" = 1'-0" S312

MARLBORO FIRE DEPARTMENT
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MARLBOROUGH FIRE STATION ADDITIONS AND RENOVATION

CONSTRUCTION DOCUMENTS

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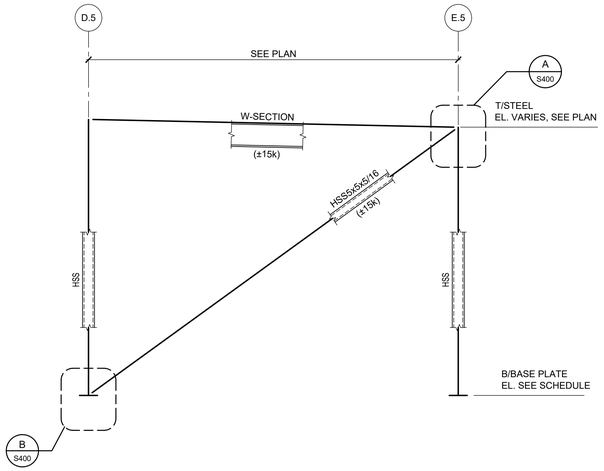
NO.	REVISIONS	DATE
0	ISSUED FOR BID	06/15/2026

DWG. TITLE

TYPICAL FRAMING DETAILS SHEET 3 & PLAN DETAILS

GENERIC SCALE BAR
0 1" 2"
SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING. IF NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY

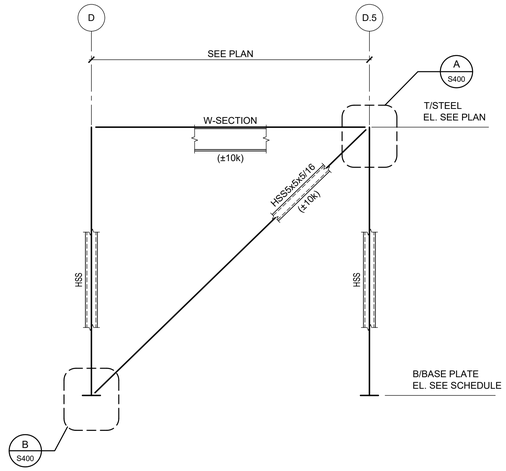
DATE	08/25/2026
SCALE	AS NOTED
DWN.	JAG CHK. SMR
PROJ. No.	SRA# 25-608
DWG. No.	S312



STEEL ELEVATION AT GRID LINE 3.1

1/4" = 1'-0"

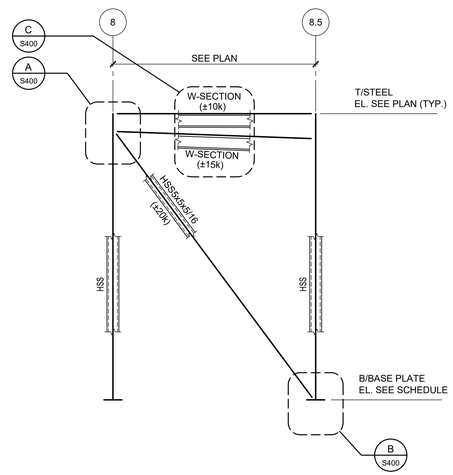
- (±10k) INDICATES MEMBER LRFD AXIAL FORCE.



STEEL ELEVATION AT GRID LINE 7

1/4" = 1'-0"

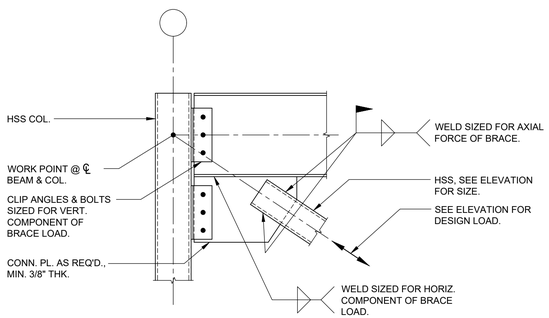
- (±10k) INDICATES MEMBER LRFD AXIAL FORCE.



STEEL ELEVATION AT GRID LINE B

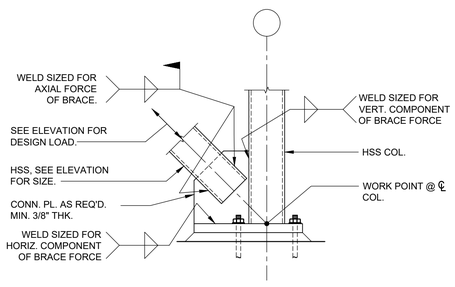
1/4" = 1'-0"

- (±10k) INDICATES MEMBER LRFD AXIAL FORCE.



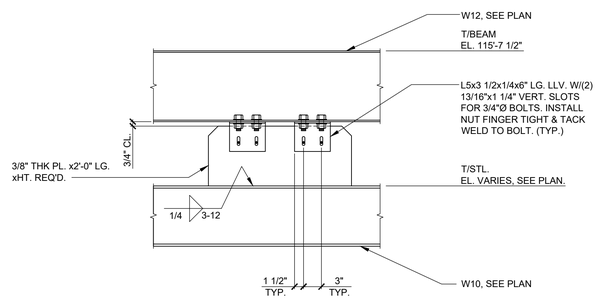
DETAIL A

1"=1'-0" — S400



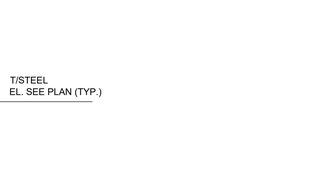
DETAIL B

1"=1'-0" — S400



DETAIL C

1"=1'-0" — S400



TYPICAL COLD-FORMED-STUD TO HSS DIAGONAL BRACE DETAIL

1" = 1'-0"

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DWG. TITLE

BRACED FRAME ELEVATIONS AND DETAILS

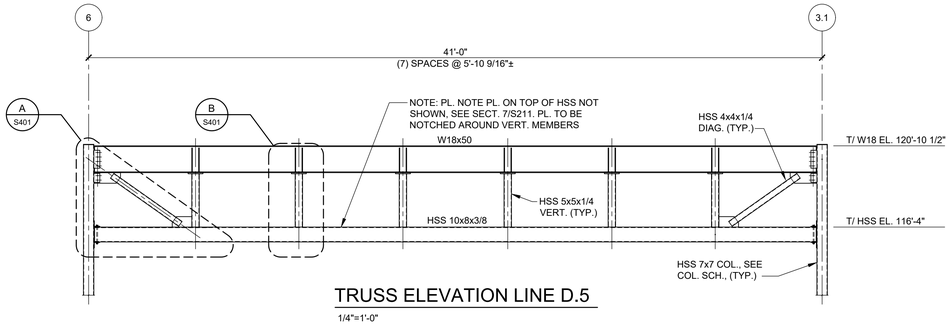
0 1" 2"

GENERIC SCALE BAR

SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING. IF NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY

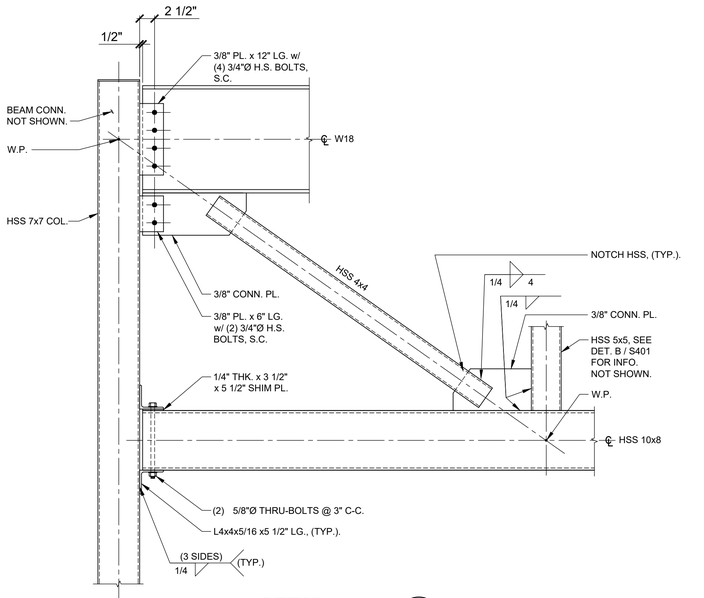
DATE	08/25/2026
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DWN.	JAG CHK. SMR
PROJ. No.	SRA# 25-608
DWG. No.	

S400



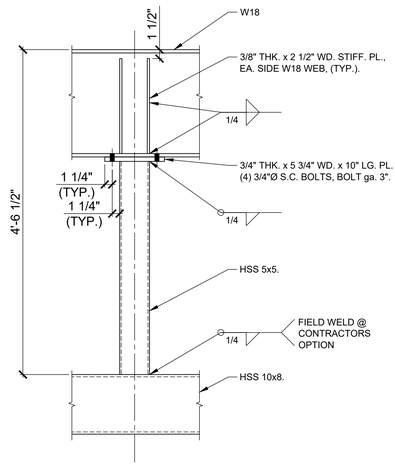
TRUSS ELEVATION LINE D.5

1/4"=1'-0"



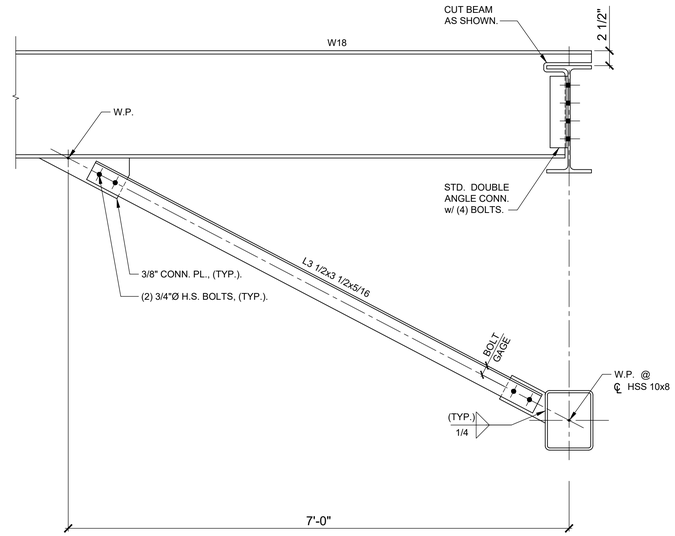
DETAIL A / S401

3/4"=1'-0"



DETAIL B / S401

3/4"=1'-0"



TRUSS BRACE DETAIL

1"=1'-0"

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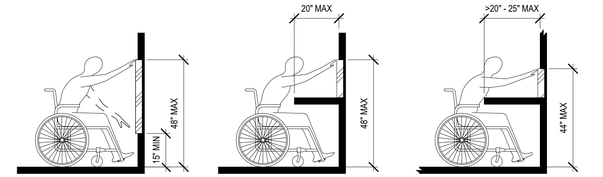
TRUSS FRAME ELEVATIONS AND DETAILS

0 1" 2"
GENERIC SCALE BAR
SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING. IF NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY

DATE	08/25/2026		
SCALE	AS NOTED		
DWN.	JAG	CHK.	SMR
PROJ. No.	SRA# 25-608		
DWG. No.			

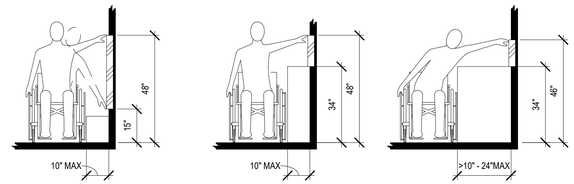
S401

ADA REACH RANGE FIGURES:



UNOBSTRUCTED FORWARD REACH

OBSTRUCTED HIGH FORWARD REACH



UNOBSTRUCTED SIDE REACH

OBSTRUCTED HIGH SIDE REACH

DRAWING SYMBOLS:

WALL SECTION REFERENCE

BUILDING SECTION REFERENCE

COLUMN CENTERLINE

EXISTING COLUMN CENTERLINE

CENTERLINE

BREAK LINE

ENLARGED DETAIL REFERENCE

1-HR FIRE RATING

2-HR FIRE RATING

3-HR FIRE RATING

1-HR FIRE/SMOKE RATING

CONSTRUCTION NOTE

DEMOLITION NOTE

REVISION TAG

SIGNAGE TAG (GRAPHIC TYPE / SIGN TYPE)

ROOM NAME AND NUMBER

VIEW TITLE - DETAIL NUMBER

BUILDING ELEVATION REFERENCE

INTERIOR ELEVATION REFERENCE

DOOR NUMBER

WINDOW / LOUVER NUMBER

MATCHLINE REFERENCE

NEW WALL

EXISTING WALL TO REMAIN

EXISTING WALL TO BE REMOVED

NEW DOOR OPENING

EXISTING DOOR OPENING TO REMAIN

EXISTING DOOR AND FRAME TO BE REMOVED

ELEVATION REFERENCE

WORKING POINT

ABBREVIATIONS

A/C	AIR CONDITION
ACP	ACCOUSTICAL CEILING PANEL
ACS DR	ACCESS DOOR
ACS PNL	ACCESS PANEL
ACT	ACCOUSTICAL CEILING TILE
ADA	AMERICANS WITH DISABILITIES ACT
ADJ	ADJACENT/ADJUSTABLE
AFF	ABOVE FINISHED FLOOR
AHU	AIR HANDING UNIT
ALT	ALTERNATE
ALUM	ALUMINUM
ANOD	ANODIZE
ANT	ANTENNA
AOR	AREA OF REFUGE
APPROX	APPROXIMATELY
ARCH	ARCHITECT
ASSY	ASSEMBLY
AV	AUDIO VISUAL
BD	BOARD
BLDG	BUILDING
BOT	BOTTOM
BRG	BEARING
BSMT	BASEMENT
BTWN	BETWEEN
BUR	BUILT UP ROOFING
BYND	BEYOND
C TO C	CENTER TO CENTER
CAB	CABINET
CB	CATCH BASIN
CDCT	CIRCULAR DUCT
CFMF	COLD-FORMED METAL FRAMING
CFS	COMPOSITE FRAMING SUPPORT
CG	CORNER GUARD
CGFSU	CERAMIC GLAZED STRUCTURAL FACING UNITS
CH	COAT HOOK
CH BD	CHALK BOARD
CJ	CONTROL JOINT
CL	CENTER LINE
CLG	CEILING
CLO	CLOSET
CLOS	CLOSURE
CLR	CLEAR
CLRM	CLASSROOM
CMU	CONCRETE MASONRY UNIT
CO	CLEANOUT
COL	COLUMN
CONC	CONCRETE
CONF	CONFERENCE
CONSTR	CONSTRUCTION
CONT	CONTINUE
CONTR	CONTRACTOR
COORD	COORDINATE
CORR	CORRIDOR
CPRS	COMPRESSIBLE
CPT	CARPET
CT	CERAMIC TILE
CTB	CERAMIC TILE BASE
CUST	CUSTODIAN
D	DEEP/DEPTH
DBL	DOUBLE
DEMO	DEMOLITION
DEPT	DEPARTMENT
DET	DETAIL
DF	DRINKING FOUNTAIN
DIA	DIAMETER
DIAG	DIAGONAL
DIM	DIMENSION
DN	DOWN
DPTN	DEMOUNTABLE PARTITION
DR	DOOR
DS	DOWNSPOUT
DWG	DRAWING
E	EAST
EA	EACH
EF	EACH FACE
EIFS	EXTERIOR INSULATION AND FINISH SYSTEM
EJ	EXPANSION JOINT
EL	ELEVATION
ELEC	ELECTRICAL
ELEV	ELEVATOR
ENCL	ENCLOSURE
EP	ELECTRICAL PANEL
EPDM	ETHYLENE PROPYLENE DIENE MONOMER
EQ	EQUAL
EQUIP	EQUIPMENT
ETC	ET CETERA
ETR	EXISTING TO REMAIN
EWC	ELECTRIC WATER COOLER
EXH FN	EXHAUST FAN
EXP	EXPANSION/EXPOSED
EXST	EXISTING
EXT	EXTERIOR
EXTRU	EXTRUSION
F/F	FACE TO FACE
FD	FLOOR DRAIN
FDTN	FOUNDATION
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER CABINET
FF	FINISHED FACE
FHC	FIRE HOSE CABINET
FIN	FINISH
FIN FLR	FINISHED FLOOR
FLASH	FLASHING
FLR	FLOOR
FOC	FACE OF CONCRETE
FOM	FACE OF MASONRY
FR	FRAME
FRG	FIBER REINFORCED GYPSUM
FRT	FIRE-RETARDANT TREATED
FSS	FOLDING SHOWER SEAT
FT	FEET/FOOT
FURG	FURRING
G	NATURAL GAS
GA	GAGE
GALV	GALVANIZED
GB	GRAB BAR
GC	GENERAL CONTRACTOR
GCMU	GROUND FACE CONCRETE MASONRY UNIT
GDR	GUARD RAIL
GFCI	GROUND FAULT CIRCUIT INERRUPTER
GL	GLASS
GLZ CMU	GLAZED CONCRETE MASONRY UNIT
GWB	GYPSUM WALLBOARD
GYP	GYPSUM
GYP BD	GYPSUM WALLBOARD
H	HIGH
HB	HOSE BIBB
HC	HANDICAP
HD	HAND DRYER
HDW	HARDWARE
HM	HOLLOW METAL
HORIZ	HORIZONTAL
HPC	HIGH PERFORMANCE COATING
HPT	HIGH POINT
HS	HOT STACK
HT	HEIGHT
HVAC	HEATING
HYD	HYDRANT
ID	INSIDE DIAMETER
IF	INSIDE FACE
INCL	INCLUDED
INSUL	INSULATION
INSUL PNL	INSULATED METAL PANEL
INT	INTERIOR
JAN	JANITOR
LAB	LABORATORY
LAM	LAMINATE
LAV	LAVATORY
LF	LINEAR FEET (FOOT)
LH	LEFT HAND
LHR	LEFT HAND REVERSE
LIN	LINEAR
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
LNDSCP	LANDSCAPE
LOC	LOCATION
LPT	LOW POINT
LVT	LUXURY VINYL TILE
MATL	MATERIAL
MAX	MAXIMUM
MECH	MECHANICAL
MEP	MECHANICAL
MEZZ	MEZZANINE
MFR	MANUFACTURER
MIN	MINIMUM
MIRR	MIRROR
MISC	MISCELLANEOUS
MO	MASONRY OPENING
MOD BIT	MODIFIED BITUMEN
MTD	MOUNTED
MTL	METAL
MTLP	METAL PARTITION
MWP	METAL WALL PANEL
N	NORTH
NA	NOT APPLICABLE
NIC	NOT IN CONTRACT
NO	NUMBER
NRC	NOISE REDUCTION COEFFICIENT
NTS	NOT TO SCALE
OC	ON CENTER
OD	OUTSIDE DIAMETER
OF/CI	OWNER FURNISHED/CONTRACTOR INSTALLED
OH	OVERHANG
OHD	OVERHEAD DOOR
OPH	OPPOSITE HAND
OPNG	OPENING
OPP	OPPOSITE
OS	OCCUPANCY SENSOR
P	PIPE
PCC	PRECAST CONCRETE
PEJ	PREMOLDED EXPANSION JOINT
PERF	PERFORATED
PL	PROPERTY LINE
PLAM	PLASTIC LAMINATE
PLBG	PLUMBING
PLYWD	PLYWOOD
PORC	PORCELAIN
PP	POWER POLE
PREF	PREFINISH
PREFAB	PREFABRICATE
PT	PAINT
PTD	PAPER TOWEL DISPENSER
PTE	EPOXY PAINT
PTN	PARTITION
PTR	PRESSURE TREATED
PVC	POLYVINYL CHLORIDE
QT	QUARRY TILE
QTY	QUANTITY
R	RADIUS/RISER/THERMAL RESISTANCE
RB	RUBBER BASE
RCP	REFLECTED CEILING PLAN
RD	ROOF DRAIN
RECPT	RECEPTACLE
REF	REFERENCE/REFRIGERATOR
REINF	REINFORCE
REQD	REQUIRED
RESIL	RESILIENT
RET	RETURN
RFG	ROOFING
RH	ROOF HATCH/RIGHT HAND
RHR	RIGHT HAND REVERSE
RL	ROOF LEADER
RM	ROOM
RO	ROUGH OPENING
RR	RAILROAD
RTU	ROOF TOP UNIT
RV	ROOF VENT
S	SOUTH
SA	SUPPLY AIR
SC	SOLID CORE
SCD	SEAT COVER DISPENSER
SCHED	SCHEDULE
SD	SOAP DISPENSER
SECT	SECTION
SF	SQUARE FOOT (FEET)
SHR	SHOWER
SHT	SHEET
SHTHG	SHEATHING
SHV	SHELVING
SIM	SIMILAR
SLNT	SEALANT
SND	SANITARY NAPKIN DISPENSER
SNDU	SANITARY NAPKIN DISPOSAL UNIT
SP	STAND PIPE
SP FIN	SPECIAL FINISH
SPEC	SPECIFICATION
SQ	SQUARE
SS	STORM SEWER
SSM	SOLID SURFACE MATERIAL
SST	STAINLESS STEEL
STC	SOUND TRANSMISSION CLASS
STD	STANDARD
STL	STEEL
STRUCT	STRUCTURAL
SUSP	SUSPEND
SV	SHEET VINYL/SMOKE VENT
SYMM	SYMMETRICAL
T	TREAD
T&B	TOP AND BOTTOM
T&G	TONGUE AND GROOVE
TB	TOWEL BAR
TD	TRENCH DRAIN/TOWEL DISPENSER
TDR	TOWEL DISPENSER/RECEPTACLE
TEL	TELEPHONE
TER	TERRAZZO
THK	THICKNESS
TK BD	TACK BOARD
TOC	TOP OF CURB/TOP OF CONCRETE
TOJ	TOP OF JOIST
TOP	TOP OF PARAPET
TOS	TOP OF STEEL
TOW	TOP OF WALL
TP	TOWEL PIN
TPH	TOILET PAPER HOLDER
TPO	THERMOPLASTIC POLYOLEFIN
TPTN	TOILET PARTITION
TRTD	TREATED
TV	TELEVISION
TYP	TYPICAL
UH	UNIT HEATER
UL	UNDERWRITERS LABORATORIES
UNFIN	UNFINISH
UNO	UNLESS NOTED OTHERWISE
UR	URINAL
UTIL	UTILITY
VAT	VINYL ASBESTOS TILE
VB	VINYL BASE
VCT	VINYL COMPOSITION TILE
VERT	VERTICAL
VEST	VESTIBULE
VIF	VERIFY IN FIELD
VP	VENT PIPE
VS	VACANCY SENSOR
VTR	VENT THROUGH ROOF
VWC	VINYL WALL COVERING
W	WEST/WIDE
W/	WITH
W/O	WITHOUT
WBL	WOOD BLOCKING
WC	WATER CLOSET
WD	WOOD
WH	WATER HEATER
WWR	WELDED WIRE REINFORCEMENT

MATERIALS LEGEND:

- FACE BRICK
- CONCRETE MASONRY UNIT
- FOAM PLASTIC BOARD INSULATION
- BLANKET INSULATION
- CONTINUOUS WOOD
- SHIM
- FINISHED WOOD
- GYPSUM BOARD / GROUT
- CONCRETE OR PRECAST CONCRETE
- ACOUSTICAL CEILING TILE OR PANEL
- MASONRY IN ELEVATION
- PLYWOOD
- GRAVEL
- FOAMED IN PLACE INSULATION
- STEEL
- EARTH
- SOLID SURFACE / CAST STONE
- STONE

GENERAL NOTES:

1. THE PROJECT SPECIFICATIONS ARE AN INTEGRAL PART OF THE CONTRACT DOCUMENTS AND WILL BE USED IN CONJUNCTION WITH THE ARCHITECTURAL DRAWINGS AND GENERAL NOTES. IN CASES, IF ANY, WHERE REQUIREMENTS INDICATED ON THE ARCHITECTURAL DRAWINGS DIFFER FROM THE SPECIFICATIONS, NOTIFY THE ARCHITECT.
2. UNLESS OTHERWISE NOTED, DETAILS, SECTIONS AND NOTES CONTAINED IN THE ARCHITECTURAL CONTRACT DOCUMENTS WILL BE CONSIDERED TYPICAL FOR ALL SIMILAR CONDITIONS EVEN IF NOT EXPLICITLY REFERENCED.
3. DEFICIENT WORK AND/OR WORK NOT IN CONFORMANCE WITH THE CONTRACT DOCUMENTS WILL BE REPAIRED AT THE CONTRACTOR'S EXPENSE. THE CONTRACTOR WILL REIMBURSE THE PARTIES REQUIRED FOR PERFORMING THE DESIGN SERVICES ARISING FROM DEFICIENT WORK, REVIEW OF MODIFICATIONS/CONTRACTOR SUBSTITUTION, OR EXPEDITING OF SUBMITTALS.
4. COST OF INVESTIGATION AND/OR REDESIGN INCURRED BY THE ARCHITECT DUE TO CONTRACTOR ERRORS WILL BE AT THE CONTRACTOR'S EXPENSE.
5. VERIFY IN THE FIELD (VIF) ALL EXISTING JOB CONDITIONS, REVIEW ALL CONTRACT DRAWINGS, AND VERIFY DIMENSIONS AND ELEVATIONS NOTED IN THE CONTRACT DOCUMENTS PRIOR TO THE START OF WORK.
6. USE ONLY DIMENSIONS INDICATED ON THE DRAWINGS. DO NOT SCALE THESE DRAWINGS OR USE DIMENSIONS OBTAINED FROM ELECTRONIC DRAWING OR MODEL FILES, IF PROVIDED.

MARLBOROUGH FIRE DISTRICT

MARLBORO HOSE CO. NO. 1
14 GRAND STREET,
MARLBORO, NY 12542

MARLBOROUGH FIRE STATION ADDITIONS AND RENOVATION

CONSTRUCTION DOCUMENTS

wendel

Centerpointe Corporate Park
375 Essjay Road, Suite 200
Williamsville, NY 14221
www.wendelcompanies.com
p:716.688.0766 tf:877.293.6335

Wendel WD Architecture, Engineering, Surveying and Landscape Architecture, P.C

NOTE:
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NO.	REVISIONS	DATE
0	ISSUED FOR BID	06/15/2026

DWG. TITLE

TITLES & SYMBOLS

0 1" 2"

GENERIC SCALE BAR

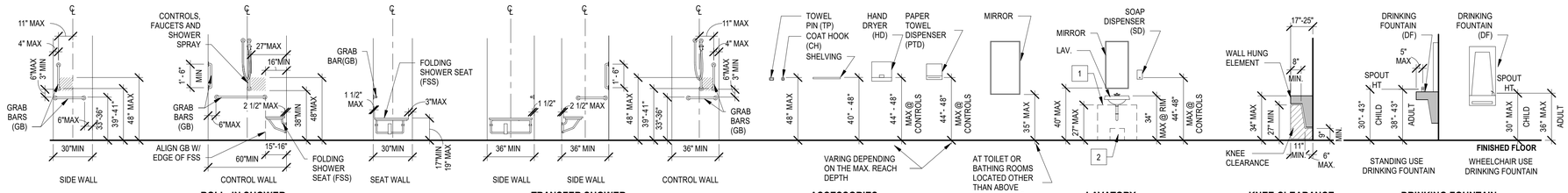
SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING. IF NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY.

DATE	06/15/2026
SCALE	As indicated
DWN.	SSS
CHK.	NM
PROJ. No.	653001
DWG. No.	

A001

TYP FIXTURE MOUNTING HEIGHTS:

STANDARDS PER 2017 ICC A117.1 - REVISE PER LOCAL STANDARDS.



GENERAL NOTES:

1. DIMENSIONS FROM THE FINISHED FLOOR SHALL BE TAKEN FROM THE LEADING EDGE/FACE SHOWN TO ACCOUNT FOR SLOPE IN FLOOR
2. WATER CLOSET HEIGHT IS TO BE MEASURED FROM TOP OF SEAT. SEATS SHALL NOT BE SPRUNG TO RETURN TO THE LIFTED POSITION

KEYNOTES:

1. 27"HX30"W MIN KNEE CLEARANCE AT FRONT EDGE
2. 9"HX11"D MIN KNEE CLEARANCE DEPTH, FRONT OF LAV TO TRAP (8"H WHEN 27"D MIN) THE DIP OF THE OVERFLOW SHALL NOT BE CONSIDERED
3. 24"HX30"W MIN KNEE CLEARANCE AT FRONT EDGE

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0	ISSUED FOR BID	06/15/2026

DWG. TITLE

TITLES & SYMBOLS

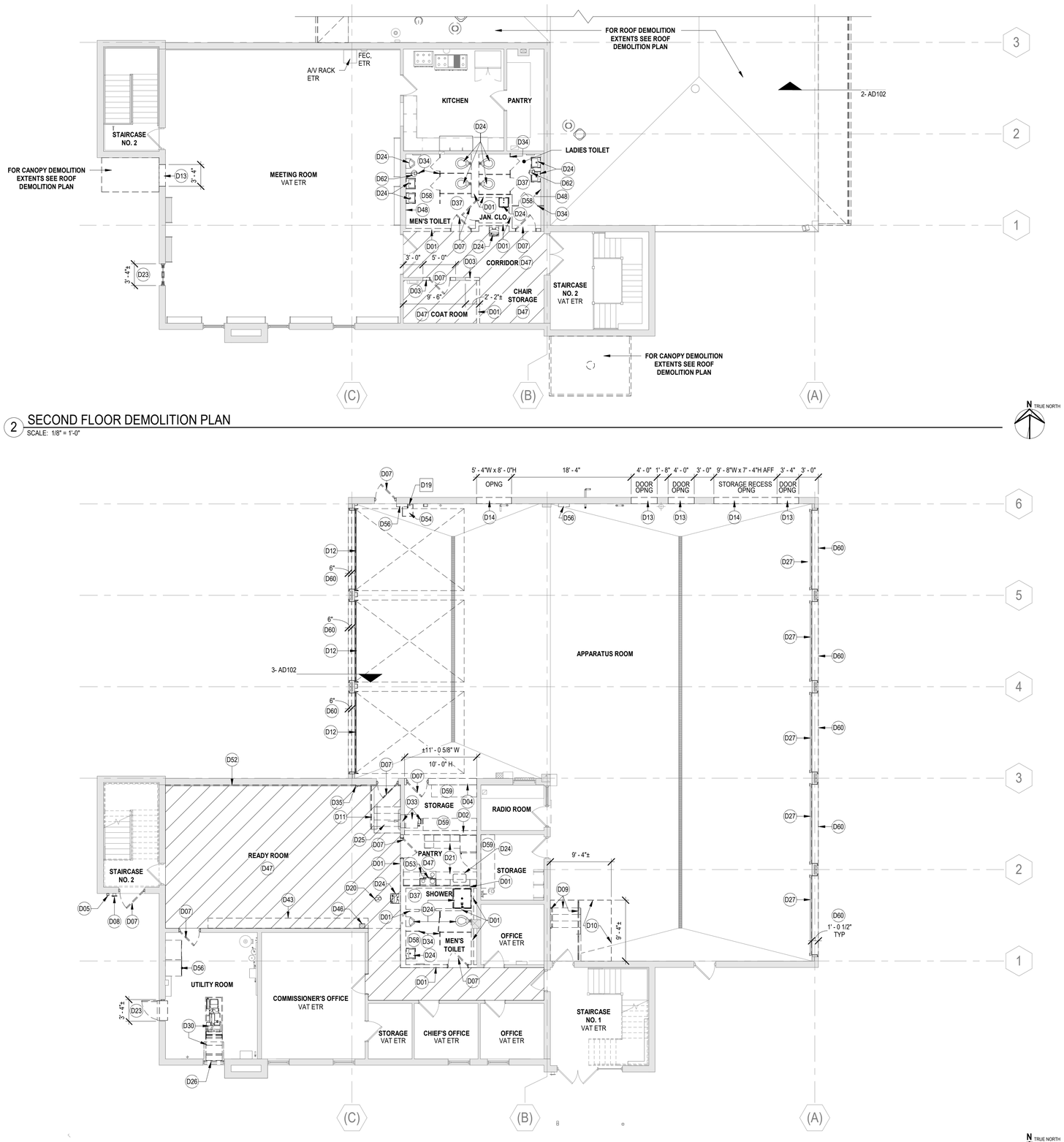
0 1" 2"

GENERIC SCALE BAR

SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING. IF NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY

DATE	06/15/2026
SCALE	1/4" = 1'-0"
DWN.	SSS
CHK.	NM
PROJ. No.	653001
DWG. No.	

A002



2 SECOND FLOOR DEMOLITION PLAN
SCALE: 1/8" = 1'-0"

1 FIRST FLOOR DEMOLITION PLAN
SCALE: 1/8" = 1'-0"

DEMOLITION KEYNOTES

D01	REMOVE EXISTING METAL STUD PARTITION IN ITS ENTIRETY
D02	REMOVE EXISTING CMU PARTITION IN ITS ENTIRETY
D03	REMOVE PORTION OF EXISTING METAL STUD PARTITION TO EXTENTS INDICATED
D04	REMOVE PORTION OF EXISTING CMU PARTITION TO EXTENTS INDICATED. PROVIDE LINTEL AS REQUIRED
D05	REMOVE EXISTING DOWNSPOUT IN ITS ENTIRETY AND FILL FASTENER HOLES WITH SEALANT.
D07	REMOVE EXISTING DOOR, DOOR FRAME AND DOOR HARDWARE IN THEIR ENTIRETY
D08	REMOVE AND REINSTALL EXISTING KNOX BOX. SEAL HOLES WITH SEALANT IN EXISTING WALL. SEE OVERALL PLANS FOR KNOX BOX REINSTALLATION LOCATION.
D09	REMOVE EXISTING CONCRETE STAIR AND LANDING TO FACE OF ADJACENT EXISTING WALLS. REMOVE EXISTING FOUNDATION WALL AND FOOTING BELOW STAIR AND LANDING TO ADJACENT WALLS. REMOVE GUARDRAIL AND HANDRAIL AND PATCH PENETRATIONS IN EXISTING WALLS.
D10	REMOVE PORTION OF EXISTNG APPARATUS BAY SLAB AS REQUIRED TO COMPLETE SCOPED WORK. COORDINATE EXACT EXTENT OF DEMOLITION WITH FLOOR PLANS AND STRUCTURAL DRAWINGS.
D11	REMOVE PORTION OF EXISTING FLOOR MOUNTED GUARDRAIL TO EXTENTS SHOWN. PATCH AND PREP FLOOR AND WALL AS REQUIRED. PATCH EXISTING GUARDRAIL POST AND PAINT GUARDRAIL TO MATCH EXISTING.
D12	REMOVE EXISTING OVERHEAD SECTIONAL DOOR, TRACK AND HARDWARE IN ITS ENTIRETY. COORDINATE EXTENT OF ELECTRICAL DEMOLITION WITH ELECTRICAL DRAWINGS.
D13	REMOVE PORTION OF EXISTING EXTERIOR CMU WALL AS REQUIRED FOR SCHEDULED DOOR AND DOOR FRAME INSTALLATION. PROVIDE LINTEL PER STRUCTURAL DRAWINGS. COORDINATE EXACT LOCATION WITH FLOOR PLANS. TOOTH-IN CMU AT JAMBS.
D14	REMOVE PORTION OF EXISTING EXTERIOR CMU WALL TO EXTENTS SHOWN AND COORDINATE EXACT LOCATION WITH FLOOR PLANS. PROVIDE LINTEL PER STRUCTURAL DRAWINGS. PATCH AND REPAIR JAMBS FOR A SMOOTH AND FLUSH FINISH. TOOTH-IN CMU AT JAMBS.
D19	REMOVE EXISTING PAPER TOWEL DISPENSER AND HAND SOAP DISPENSER AND TURN OVER TO OWNER.
D20	EXISTING FLOOR CLEANOUT TO BE REMOVED AND REPLACED, REFER TO PLUMBING DRAWINGS.
D21	REMOVE EXISTING CASEWORK AND ACCESSORIES IN THEIR ENTIRETY.
D22	REMOVE EXISTING SLAB-ON-GRADE AS INDICATED BY DIAGONAL HATCH TO ACCOMMODATE SANITARY PIPING INSTALLATION. CENTERLINE SHOWN DENOTES APPROXIMATE ROUTING OF SANITARY LINE. CONTRACTOR SHALL VERIFY AND COORDINATE FINAL TRENCHING LOCATION AND EXTENT WITH PLUMBING DRAWINGS AND PLUMBING CONTRACTOR PRIOR TO DEMOLITION. REFER TO PLUMBING AND STRUCTURAL DRAWINGS FOR ADDITIONAL REQUIREMENTS.
D23	WITHIN EXISTING MASONRY OPENING INDICATED, REMOVE EXISTING DOOR AND DOOR FRAME IN ITS ENTIRETY. REMOVE EXISTING LOUVER AND WINDOW ASSEMBLY ABOVE DOOR IN THEIR ENTIRETY, INCLUDNIG THE INFILL CMU BELOW WINDOW SILL AND ROOF EDGE BLOCKING AT TOP OF WINDOW. COORDINATE EXACT EXTENTS OF DEMOLITION WITH PLANS AND DETAILS.
D24	EXISTING PLUMBING FIXTURE AND ASSOCIATED PIPING TO BE REMOVED; REFER TO PLUMBING DRAWINGS.
D25	REMOVE EXISTING RUBBER STAIR TREAD AND RISER DOWN TO EXISTING CONCRETE.
D26	REMOVE EXISTING LOUVER WITHIN EXISTING WINDOW FRAME AND INFILL OPENING WITH 2" INSULATED METAL PANEL TO WORK WITH EXISTING FRAME.
D27	REMOVE EXISTING SECTIONAL DOOR AND SECTIONAL DOOR SPRINGS AS REQUIRED TO INSTALL FASCIA ASSEMBLY COMPONENETS, SEE DETAIL 3/A451.
D30	EXISTING GENERATOR AND ASSOCIATED DUCT WORK TO BE REMOVED, REFER TO ELECTRICAL DRAWINGS.
D33	EXISTING MECHNAICAL UNIT, ASSOCIATED DUCTWORK AND WALL DIFFUSER TO BE REMOVED, SEE MECHANICAL DRAWINGS.
D34	EXISTING TOILET PARTIONS AND HARDWARE TO BE REMOVED BY OWNER.
D35	EXISTING FIRE EXTINGUISHER AND FIRE EXTINGUISHER CABINET TO BE REMOVED BY OWNER. GC TO INFILL EXISTING MASONRY RECESS WITH CMU FLUSH WITH EXISTING SURFACE. REINSTALL FIRE EXTINGUISHER AND CABINET IN CORRIDOR 105, SEE FLOOR PLANS FOR EXACT REINSTALLATION LOCATION.
D37	EXISTING CERAMIC TILE FLOOR, CERAMIC TILE WALL BASE, ACCESSORIES, MORTAR AND MARBLE DOOR SADDLE IN THEIR ENTIRETY TO BE REMOVED BY OWNER. GC TO REMOVE ANY MISCELLANEOUS MATERIAL AS REQUIRED TO COMPLETE SCOPED WORK.
D43	EXISTING LATERAL FILES TO BE REMOVED BY OWNER.
D46	REMOVE AND REINSTALL EXISTING SCANNER AND WALL BRACKET. RELOCATE TO READY ROOM PER FF&E PLANS. COORDINATE ELECTRICAL CONNECTION REMOVAL WITH ELECTRICAL DRAWINGS.
D47	DIAGONAL HATCH INDICATES EXISTING VAT FLOORING IN ROOM TO BE REMOVED PRIOR TO BIDDING UNDER SEPARATE HAZARDOUS MATERIAL ABATEMENT CONTRACT. REMOVE ANY REMAINING WALL BASE.
D48	REMOVE EXISTING WALLPAPER FROM EXISTING WALL. PATCH AND PREPARE SURFACE TO RECEIVE FINISHES.
D52	EXISTING WOOD PANELING AND FURRING TO BE REMOVED TO EXISTING CMU WALL BY OWNER. GC TO REMOVE ANY MISCELLANEOUS MATERIAL AS REQUIRED TO COMPLETE SCOPED WORK.
D53	REMOVE AND REINSTALL EXISTING GAS RANGE AND EXISTING OVER THE RANGE MICROCRAVE. SEE FLOOR PLANS FOR REINSTALLATION LOCATION AND REFER TO MEP DRAWINGS.
D54	EXISTING UTILITY SINK WITH FAUCET TO BE REMOVED AND REINSTALLED. SEE FLOOR PLANS FOR REINSTALLATION LOCATION AND REFER TO PLUMBING DRAWINGS.
D56	EXISTING EQUIPMENT TO BE REMOVED, SEE MEP DRAWINGS.
D58	REMOVE ALL EXISTING TOILET ACCESSORIES IN ROOM.
D59	REMOVE EXISTING MISC. SHELVING / TABLE.
D60	PORTION OF EXISTING CONCRETE SLAB OVER EXISTING FOUNDATION WALL TO BE REMOVED AND REPLACED, SEE STRUCTURAL DRAWINGS AND SECTION DETAILS.
D62	EXISTING FLOOR DRAIN TO BE REMOVED. SEE PLUMBING DRAWINGS. INFILL FLOOR PENETRATION TO MATCH EXISTING CONSTRUCTION.

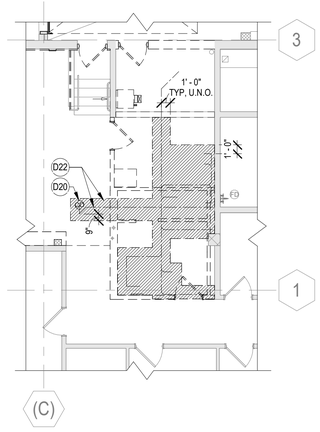
GENERAL DEMOLITION NOTES:

1. INFORMATION SHOWN IS NOT PURPORTED TO BE AN ACCURATE AND/OR DETAILED REPRESENTATION OF EXISTING CONDITIONS. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION. NOTIFY ARCHITECT OF DISCREPANCIES BETWEEN EXISTING CONDITIONS AND DRAWINGS BEFORE PROCEEDING WITH SELECTIVE DEMOLITION.
2. FIELD VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS BEFORE PROCEEDING WITH SELECTIVE DEMOLITION.
3. PROVIDE TEMPORARY FIRE PROTECTION FOR ANY DEMOLITION THAT COMPROMISES EXISTING FIRE RATED CONDITIONS.
4. IT IS NOT EXPECTED THAT HAZARDOUS MATERIALS WILL BE ENCOUNTERED IN THE WORK. IF SUSPECTED HAZARDOUS MATERIALS ARE ENCOUNTERED, DO NOT DISTURB. IMMEDIATELY NOTIFY ARCHITECT AND OWNER. REFER TO HAZARDOUS MATERIAL AWARENESS NOTE BELOW.
5. REPAIR ALL DAMAGE RESULTING FROM THE PROJECT AND LEAVE ALL AREAS CLEAN AND FREE OF DUST AND DEBRIS AT THE COMPLETION OF EACH WORK DAY.
6. THE EXISTING CONDITION OF ALL ITEMS NOTED OR SHOWN TO BE REMOVED AND/OR REUSED SHALL BE FIELD VERIFIED PRIOR TO SELECTIVE DEMOLITION. ANY EXISTING DAMAGE SHALL BE BROUGHT TO THE OWNER AND ARCHITECT'S ATTENTION AND NOTED PRIOR TO SELECTIVE DEMOLITION.
7. EXISTING MISCELLANEOUS ITEMS NOT SHOWN OR IDENTIFIED SUCH AS BUT NOT LIMITED TO CLOCKS, MARKER BOARD, SHELVING, BROOM HOLDERS, ETC SHALL BE REMOVED, STORED AND REINSTALLED AS REQUIRED TO ALLOW FOR PROPER AND COMPLETE INSTALLATION OF NEW WORK.
8. EXISTING MISCELLANEOUS ITEMS TO REMAIN WITHOUT REMOVAL ARE TO BE PROTECTED FOR ENTIRE LENGTH OF PROJECT. ANY DAMAGE CAUSED DURING CONSTRUCTION TO THE ITEMS WILL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO REPAIR OR REPLACE IN KIND AT THE GENERAL CONTRACTORS EXPENSE.

HAZARDOUS MATERIALS AWARENESS

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3 PARTIAL FIRST FLOOR SLAB DEMOLITION PLAN
SCALE: 1/8" = 1'-0"

MARLBOROUGH FIRE DISTRICT

MARLBORO HOSE CO. NO. 1
14 GRAND STREET,
MARLBORO, NY 12542

MARLBOROUGH FIRE STATION ADDITIONS AND RENOVATION

CONSTRUCTION DOCUMENTS

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375 Essjay Road, Suite 200
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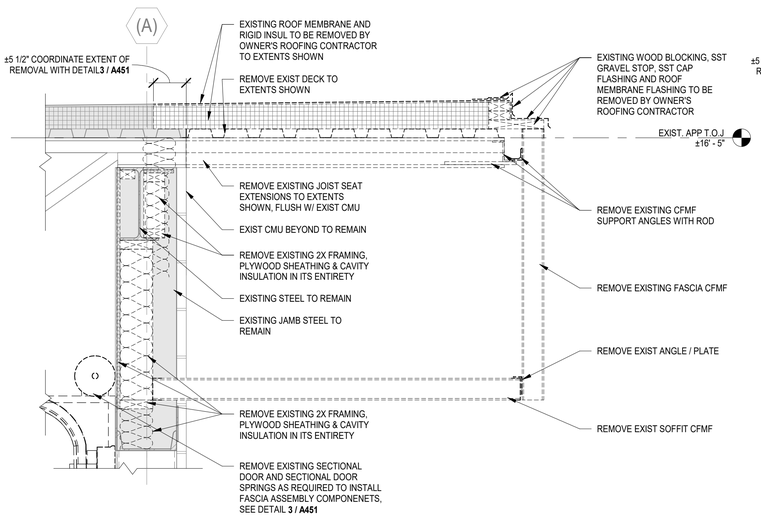
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DEMOLITION FLOOR PLANS

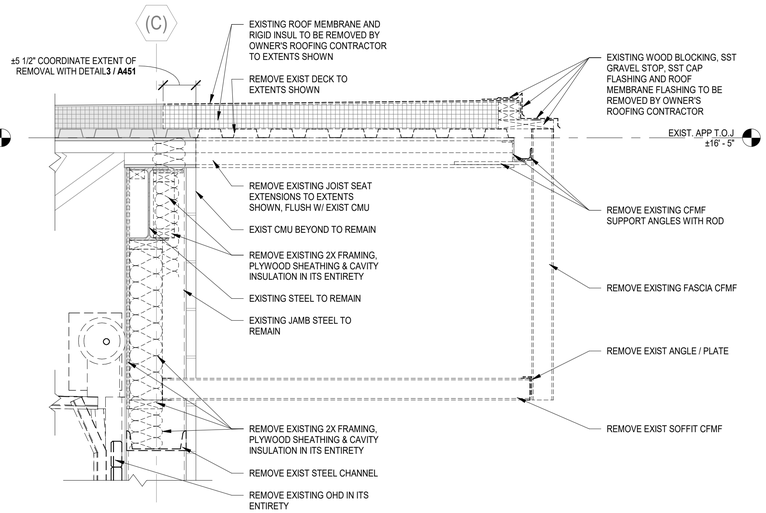
0 1" 2"
GENERIC SCALE BAR
SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING. IF NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY

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SCALE	As indicated
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PROJ. No.	653001
DWG. No.	

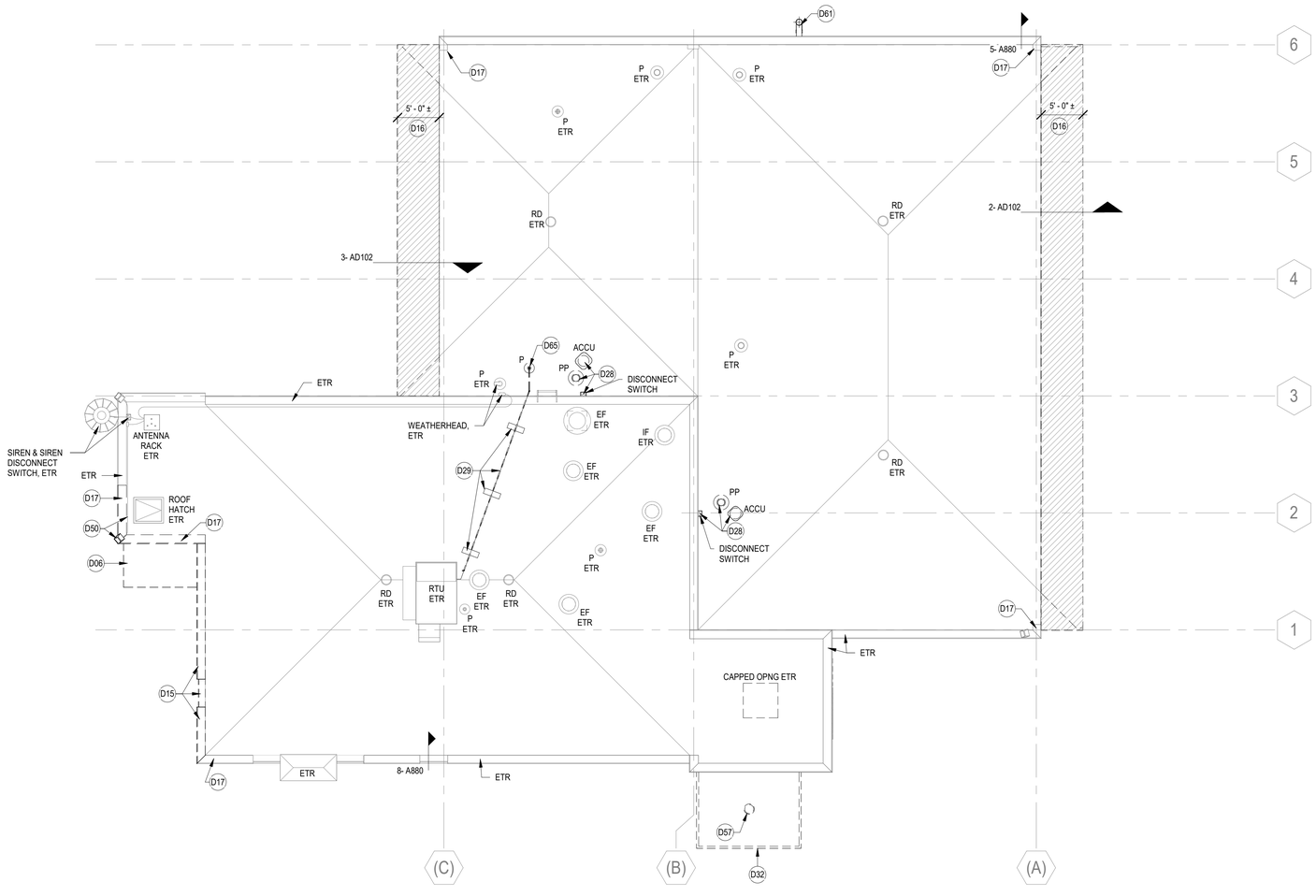
AD101



2 DEMOLITION DETAIL
SCALE: 1" = 1'-0"



3 DEMOLITION DETAIL
SCALE: 1" = 1'-0"



1 ROOF DEMOLITION PLAN
SCALE: 1/8" = 1'-0"

DEMOLITION KEYNOTES

D06	REMOVE EXISTING CANOPY IN ITS ENTIRETY AND CUT EXISTING STEEL FRAMING BACK TO FACE OF EXISTING EXTERIOR WALL. PATCH/SEAL ALL GAPS AND HOLES IN EXISTING WALLS.
D15	OWNER'S ROOFING CONTRACTOR TO REMOVE EXISTING METAL ROOF EDGE OR COPING DOWN TO WOOD BLOCKING. COORDINATE EXTENT OF BLOCKING REMOVAL WITH ROOF EDGE DETAILS.
D16	REMOVE SECTION OF EXISTING CANOPY TO EXTENTS SHOWN. DIAGONAL HATCH INDICATES APPROXIMATE AREA OF REMOVAL. COORDINATE EXTENT OF DEMOLITION WITH DEMOLITION DETAILS AND SECTION DETAILS AT EACH OVERHANG, DETAIL 3 & 4 ON A 451.
D17	OWNER'S ROOFING CONTRACTOR TO REMOVE EXISTING ROOF COPING AS REQUIRED TO TIE ADDITION ROOF SYSTEM OR ROOF EDGE CONDITION INTO EXISTING ROOF ASSEMBLY AND COPING.
D28	EXISTING CONDENSING UNIT AND ASSOCIATED PIPING AND DISCONNECT SWITCH TO BE REMOVED, SEE MECHANICAL AND ELECTRICAL DRAWINGS. REMOVE EXISTING WOOD CURBS AND PLASTIC PAD, INCLUDING ADJACENT PITCH POCKET. REPAIR METAL DECK PENETRATIONS.
D29	EXISTING GAS LINE TO BE REMOVED, REFER TO PLUMBING DRAWINGS. REMOVE EXISTING NON-PENETRATING PIPE SUPPORTS.
D32	REMOVE EXISTING CANOPY FASCIA AND SOFFIT STUD FRAMING, ANGLE BRACKETS AND REGLET FLASHING IN THEIR ENTIRETY. EXISTING STRUCTURE TO REMAIN. COORDINATE EXACT EXTENT OF DEMOLITION WITH CANOPY DETAILS ON SHEET A454.
D50	EXISTING PARAPET LIGHTING FIXTURES AND ASSOCIATED CONDUIT, JUNCTION BOXES, ETC TO BE TEMPORARILY REMOVED FOR ROOF REPLACEMENT, REFER TO ELECTRICAL DRAWINGS.
D57	REMOVE EXISTING ROOF DRAIN. EXISTING DOWNSPOUT TO REMAIN.
D61	PORTION OF EXISTING VEHICLE EXHAUST SYSTEM TO BE REMOVED BY OWNERS VENDOR, INCLUDING THE EXHAUST FAN AND MOTOR, SEE MEP DRAWINGS FOR ADDITIONAL INFORMATION.
D65	REMOVE EXISTING FLASHING AT PIPE PENETRATION AND REPAIR DECK PENETRATION.

ROOF SYMBOLS LEGEND:

- TAPERED INSULATION CIRCKET SLOPE DOWN IN DIRECTION INDICATED @ 1/2" PER FOOT.
- SLOPE DN 1/4" : 12" — TAPERED RIGID INSULATOIN; SLOPED DOWN IN DIRECTION AND SLOPE INIDCATED
- 1/4" : 12" MIN SLOPED STRUCTURE — STRUCTURAL SLOPED DECK; SLOPED DOWN IN DIRECTION INDICATED
- WALKWAY ROLLS
- HPT — HIGH POINT OF ROOF DECKING/INSULATION
- LPT — LOW POINT OF ROOF DECKING/INSULATION
- RD — ROOF DRAIN AND SUMP; REF. **9 / A480**
- ORD — COMBINATION ROOF DRAIN WITH OVERFLOW DRAIN AND SUMP; REF. **8 / A480**
- RD — ROOF DRAIN
- OFS — THRU WALL OVERFLOW SCUPPER, REF. DETAIL **11 / A480**
- P — PIPE PENETRATION, REF. MEP DRAWINGS & DETAIL **1 / A480**
- PP — PIPE PENETRATIONS W/ PITCH POCKET, REF. MEP DRAWINGS & DETAIL **10 / A480**
- ACCU — AIR CONDITIONING CONDENSING UNIT, REF. MEP DRAWINGS
- EF — EXHAUST FAN, REF. MEP DRAWINGS & DETAIL **4 / A480**
- IF — INTAKE FAN, REF. MEP DRAWINGS & DETAIL **4 / A480**
- RTU — ROOF TYPE UNIT, REF. MEP DRAWINGS & DETAIL **4 / A480**
- HP — HEAT PUMP, REF. MEP DRAWINGS
- ERV — ENERGY RECOVERY VENTILATOR, REF. MEP DRAWINGS & DETAIL **4 / A480**

GENERAL DEMOLITION NOTES:

1. INFORMATION SHOWN IS NOT PURPORTED TO BE AN ACCURATE AND/OR DETAILED REPRESENTATION OF EXISTING CONDITIONS. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION. NOTIFY ARCHITECT OF DISCREPANCIES BETWEEN EXISTING CONDITIONS AND DRAWINGS BEFORE PROCEEDING WITH SELECTIVE DEMOLITION.
2. FIELD VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS BEFORE PROCEEDING WITH SELECTIVE DEMOLITION.
3. PROVIDE TEMPORARY FIRE PROTECTION FOR ANY DEMOLITION THAT COMPROMISES EXISTING FIRE RATED CONDITIONS.
4. IT IS NOT EXPECTED THAT HAZARDOUS MATERIALS WILL BE ENCOUNTERED IN THE WORK. IF SUSPECTED HAZARDOUS MATERIALS ARE ENCOUNTERED, DO NOT DISTURB: IMMEDIATELY NOTIFY ARCHITECT AND OWNER. REFER TO HAZARDOUS MATERIAL AWARENESS NOTE BELOW.
5. REPAIR ALL DAMAGE RESULTING FROM THE PROJECT AND LEAVE ALL AREAS CLEAN AND FREE OF DUST AND DEBRIS AT THE COMPLETION OF EACH WORK DAY.
6. THE EXISTING CONDITION OF ALL ITEMS NOTED OR SHOWN TO BE REMOVED AND/OR REUSED SHALL BE FIELD VERIFIED PRIOR TO SELECTIVE DEMOLITION. ANY EXISTING DAMAGE SHALL BE BROUGHT TO THE OWNER AND ARCHITECT'S ATTENTION AND NOTED PRIOR TO SELECTIVE DEMOLITION.
7. EXISTING MISCELLANEOUS ITEMS NOT SHOWN OR IDENTIFIED SUCH AS BUT NOT LIMITED TO CLOCKS, MARKER BOARD, SHELVING, BROOM HOLDERS, ETC SHALL BE REMOVED, STORED AND REINSTALLED AS REQUIRED TO ALLOW FOR PROPER AND COMPLETE INSTALLATION OF NEW WORK.
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N TRUE NORTH

MARLBORO HOSE 38 CO. NO. 1 — EST 1897 — 125 YEARS — 2022 — NY

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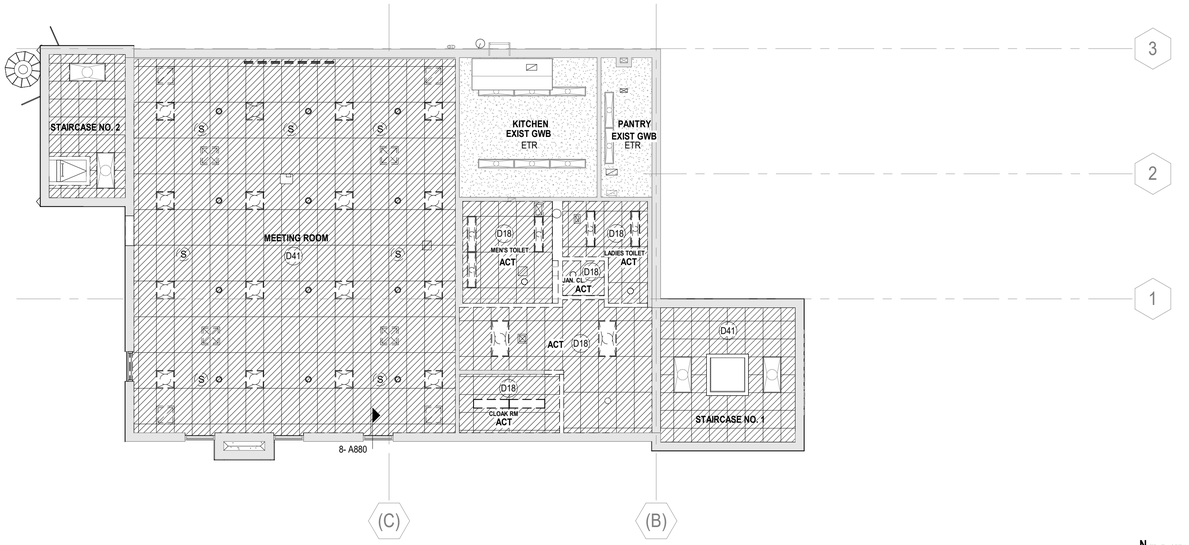
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DEMOLITION ROOF PLAN

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GENERIC SCALE BAR
SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING. IF NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY

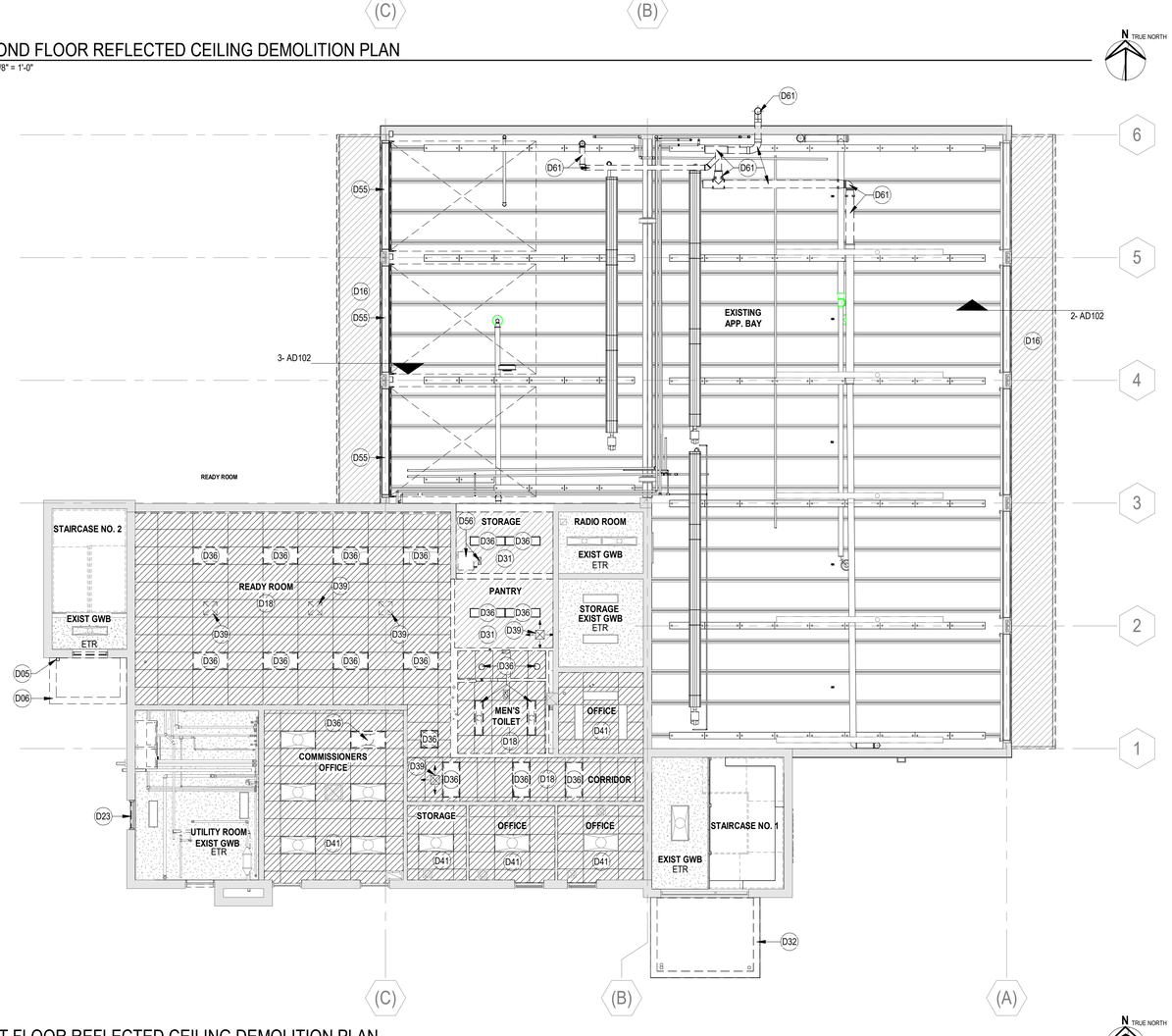
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SCALE	As indicated
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CHK.	NM
PROJ. No.	653001
DWG. No.	

AD102



2 SECOND FLOOR REFLECTED CEILING DEMOLITION PLAN

SCALE: 1/8" = 1'-0"



1 FIRST FLOOR REFLECTED CEILING DEMOLITION PLAN

SCALE: 1/8" = 1'-0"

N TRUE NORTH

DEMOLITION KEYNOTES

D05	REMOVE EXISTING DOWNSPOUT IN ITS ENTIRETY AND FILL FASTENER HOLES WITH SEALANT.
D06	REMOVE EXISTING CANOPY IN ITS ENTIRETY AND CUT EXISTING STEEL FRAMING BACK TO FACE OF EXISTING EXTERIOR WALL. PATCH/SEAL ALL GAPS AND HOLES IN EXISTING WALLS.
D16	REMOVE SECTION OF EXISTING CANOPY TO EXTENTS SHOWN. DIAGONAL HATCH INDICATES APPROXIMATE AREA OF REMOVAL. COORDINATE EXTENT OF DEMOLITION WITH DEMOLITION DETAILS AND SECTION DETAILS AT EACH OVERHANG, DETAIL 3 & 4 ON A 451.
D18	EXISTING SUSPENDED ACT CEILING, SUSPENSION SYSTEM AND ACCESSORIES IN THEIR ENTIRETY TO BE REMOVED BY OWNER. GC TO REMOVE ANY MISCELLANEOUS MATERIAL AS REQUIRED TO COMPLETE FIRE PROTECTION AND MECHANICAL WORK. EXISTING CEILING MOUNTED EQUIPMENT / FIXTURES TO BE REMOVED, SEE MEP DRAWINGS.
D23	WITHIN EXISTING MASONRY OPENING INDICATED, REMOVE EXISTING DOOR AND DOOR FRAME IN ITS ENTIRETY. REMOVE EXISTING LOUVER AND WINDOW ASSEMBLY ABOVE DOOR IN THEIR ENTIRETY, INCLUDING THE INFILL CMU BELOW WINDOW SILL AND ROOF EDGE BLOCKING AT TOP OF WINDOW. COORDINATE EXACT EXTENTS OF DEMOLITION WITH PLANS AND DETAILS.
D31	REMOVE EXISTING SUSPENDED GYP BD CEILING, SUSPENSION SYSTEM AND ACCESSORIES IN THEIR ENTIRETY.
D32	REMOVE EXISTING CANOPY FASCIA AND SOFFIT STUD FRAMING, ANGLE BRACKETS AND REGLET FLASHING IN THEIR ENTIRETY. EXISTING STRUCTURE TO REMAIN. COORDINATE EXACT EXTENT OF DEMOLITION WITH CANOPY DETAILS ON SHEET A454.
D36	EXISTING LIGHT FIXTURE TO BE REMOVED, REFER TO ELECTRICAL DRAWINGS.
D39	EXISTING DIFFUSER / RETURN GRILLE TO BE REMOVED, REFER TO MECH DWGS.
D41	EXISTING SUSPENDED ACT CEILING, SUSPENSION SYSTEM AND ACCESSORIES IN THEIR ENTIRETY TO BE REMOVED BY OWNER. GC TO REMOVE ANY MISCELLANEOUS MATERIAL AS REQUIRED TO COMPLETE MEP AND FIRE PROTECTION WORK. EXISTING CEILING MOUNTED EQUIPMENT / FIXTURES TO BE REMOVED AND REINSTALLED / REPLACED PER MEP DRAWINGS.
D55	REMOVE EXISTING C-SHAPED STEEL MEMBER,STEEL PLATES, WOOD FRAMING, PLYWOOD SHEATHING AND INSULATION AT HEAD OF OHD OPENING.
D56	EXISTING EQUIPMENT TO BE REMOVED, SEE MEP DRAWINGS.
D61	PORTION OF EXISTING VEHICLE EXHAUST SYSTEM TO BE REMOVED BY OWNERS VENDOR, INCLUDING THE EXHAUST FAN AND MOTOR, SEE MEP DRAWINGS FOR ADDITIONAL INFORMATION.

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RCP SYMBOLS LEGEND:

- EXIT SIGN
- SOFFIT OR CEILING HEIGHT (1'-0")
- ACT-1 — 2' x 2' ACOUSTIC CEILING TILE
- ACT-2 — 2' x 4' ACOUSTIC CEILING TILE
- GYPSUM BOARD CEILING, PAINTED
- 4SWC-1 — GYPSUM BOARD CEILING, PAINTED (1-HOUR RATED, 4" STUD SHAFTWALL CEILING ASSEMBLY)
- EXPD — EXPOSED DECK / STRUCTURE
- DEMOLISHED
- METAL SOFFIT PANEL
- SPEAKER
- SPRINKLER HEAD REF. FIRE PROTECTION DWGS
- OCCUPANCY SENSOR / VACANCY SENSOR
- HEAT DETECTOR
- CAN LIGHT FIXTURE, REF. ELECTRICAL DRAWINGS
- LIGHT FIXTURES, REF. ELECTRICAL DRAWINGS
- SUPPLY AND RETURN / TRANSFER, REF. MECHANICAL DRAWINGS
- HEAT PUMP (CEILING MOUNTED), REF. MECHANICAL DRAWINGS
- DEMOLISHED ACT CEILING
- HEATER (CEILING MOUNTED), REF. MECHANICAL DRAWINGS
- EXISTING

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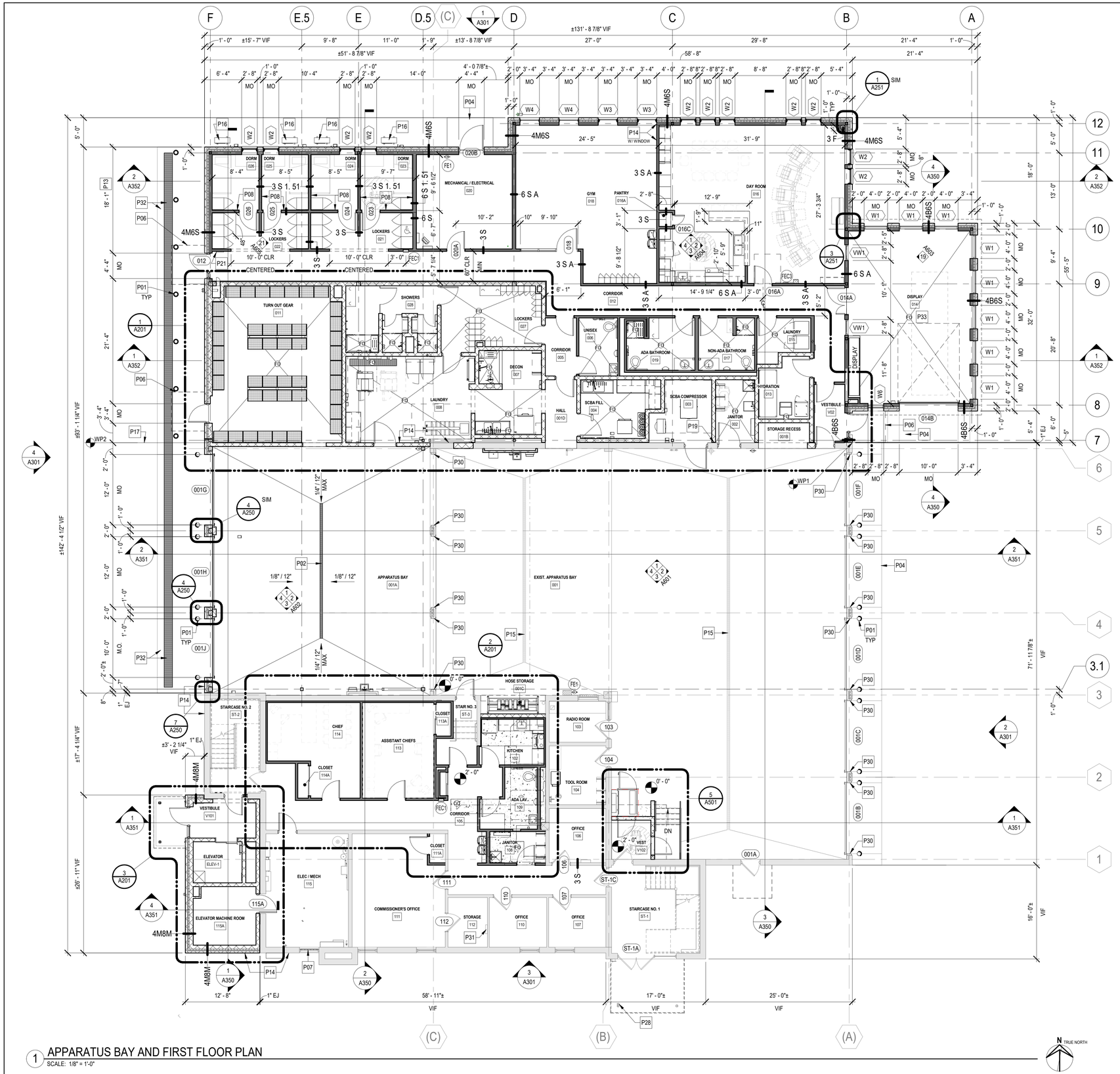
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DEMOLITION REFLECTED CEILING PLANS

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DWG. No.	

AD103



1 APPARATUS BAY AND FIRST FLOOR PLAN
SCALE: 1/8" = 1'-0"

GENERAL FLOOR PLAN NOTES:

1. NEW WORK SHALL ALIGN WITH AND MATCH EXISTING WORK EXCEPT WHERE OTHERWISE DIMENSIONED OR DETAILED.
2. PROVIDE ACCESS PANELS, MINIMUM 24" X 24", OR OF SIZES REQUIRED, WHERE PLUMBING AND HEATING VALVES, WATER SWITCHES, OXYGEN PRESSURE SWITCHES, VENTILATION SPLITTER DAMPERS, ETC ARE SHOWN ON PLUMBING, HEATING, AND VENTILATION DRAWINGS. SUCH ACCESS PANELS TO BE INSTALLED IN THE FOLLOWING:
   (A) STUD OR MASONRY PARTITIONS
   (B) SUSPENDED GYPSUM WALLBOARD CEILINGS
3. ALL WALL DIMENSIONS INDICATED ON FLOOR PLANS ARE TO FACE OF STUD FRAMING OR MASONRY UNLESS OTHERWISE NOTED.
4. WHERE A NEW DOOR, VIEW WINDOW OR OPENING IS CUT THROUGH AN EXISTING MASONRY WALL, PROVIDE A LOOSE LINTEL AS REQUIRED ON THE LOOSE LINTEL SCHEDULE INDICATED ON THE STRUCTURAL DRAWINGS OR SPECIFICATIONS.
5. IN ALL ROOMS BELOW AREAS WHICH RECEIVE UNDER FLOOR SERVICES, REMOVE A PORTION OF EXISTING CEILING BELOW AS REQUIRED. RESTORE OR REPLACE REMOVED CEILING AREAS TO MATCH EXISTING OR AS INDICATED ON ROOM FINISH SCHEDULE.
6. REFER TO ELECTRICAL AND MECHANICAL DRAWINGS FOR EXISTING AND NEW FIXTURES AND SERVICES REMOVED AND/OR INSTALLED. PATCH EXISTING FINISHES DISTURBED BY THIS WORK TO MATCH ADJACENT UNDISTURBED FINISHES, MATERIAL AND SUB FLOORING COMPLETELY.
7. WHERE A SUB FLOOR MATERIAL LIES BELOW A FINISHED FLOOR (SUCH AS CARPETING) AND THE ROOM FINISH SCHEDULE CALLS FOR A NEW FLOOR MATERIAL, REMOVE BOTH FINISHED FLOORING MATERIAL AND SUB FLOORING COMPLETELY.
8. PROVIDE ROLLER SHADE DEVICES AT ALL EXTERIOR WINDOWS AT ADMIN PORTION OF BUILDING. COORDINATE FINAL LOCATIONS WITH CLIENT.
9. PROVIDE BULLNOSE UNITS FOR EXPOSED OUTSIDE VERTICAL CMU CORNERS UNLESS OTHERWISE INDICATED.
10. OWNER TO PROVIDE (4) EXISTING CASEWORK UNITS FOR REINSTALLATION BY GC. GC TO COORDINATE INSTALLATION LOCATIONS WITH OWNER AND PROVIDE BLOCKING AS REQUIRED.

PLAN KEYNOTES

P01	PIPE BOLLARD, REFER TO STRUCTURAL DRAWINGS.
P02	TRENCH DRAIN, REFER TO STRUCTURAL AND PLUMBING DRAWINGS.
P04	CONCRETE APRON, REFER TO STRUCTURAL DRAWINGS.
P06	STANDING SEAM METAL ROOF AWNING ABOVE.
P07	AT REMOVED LOUVER INFILL OPENING WITHIN EXISTING WINDOW FRAME WITH 2" INSULATED METAL PANEL. GC TO COORDINATE WITH ARCHITECT EXACT PANEL SIZE AND THICKNESS, AS WELL AS THE REQUIRED MODIFICATIONS AND ADDITION OF FRAMING STOPS TO EXISTING OPENING FRAMING DURING CONSTRUCTION.
P08	SECOND LAYER OF GYPSUM BOARD PER PARTITION TYPE INSTALLED ON THIS SIDE OF THE ROOM.
P13	AT 18'-1" WALL LENGTH, PROVIDE REQUIRED ADJUSTMENT IN JOINT THICKNESS ALONG LENGTH OF WALL TO ACCOMMODATE 1" EXCESS.
P14	ALIGN
P15	EXISTING TRENCH DRAIN TO REMAIN.
P16	HEAT PUMP, SEE MECHANICAL DRAWINGS.
P17	FACE OF INTERIOR CMU WALL MAINTAINS ALIGNMENT WITH EXISTING EXTERIOR CMU WALL. FACE OF EXISTING EXTERIOR MASONRY WALL IS WORK POINT 2.
P19	1" PRE-COMPRESSED EJ MATERIAL.
P21	WALL MOUNTED HEATER, REFER TO MECHANICAL DRAWINGS.
P28	EXISTING DOWNSPOUT TO REMAIN, TIE INTO CANOPY ROOF DRAIN. SEE PLUMBING DRAWINGS.
P30	GRIND/PREP EXISTING STEEL JAMB & HEADER AND PROVIDE HPC, TYPICAL AT SECTIONAL DOOR / SECTIONAL DOOR OPENING.
P31	EXISTING VEHICLE EXHAUST SYSTEM PANEL TO REMAIN.
P32	CONCRETE APRON WITH TRENCH DRAIN, REFER TO STRUCTURAL DRAWINGS.
P33	SLOPE SLAB DOWN TO DRAIN 3/16" PER FOOT.

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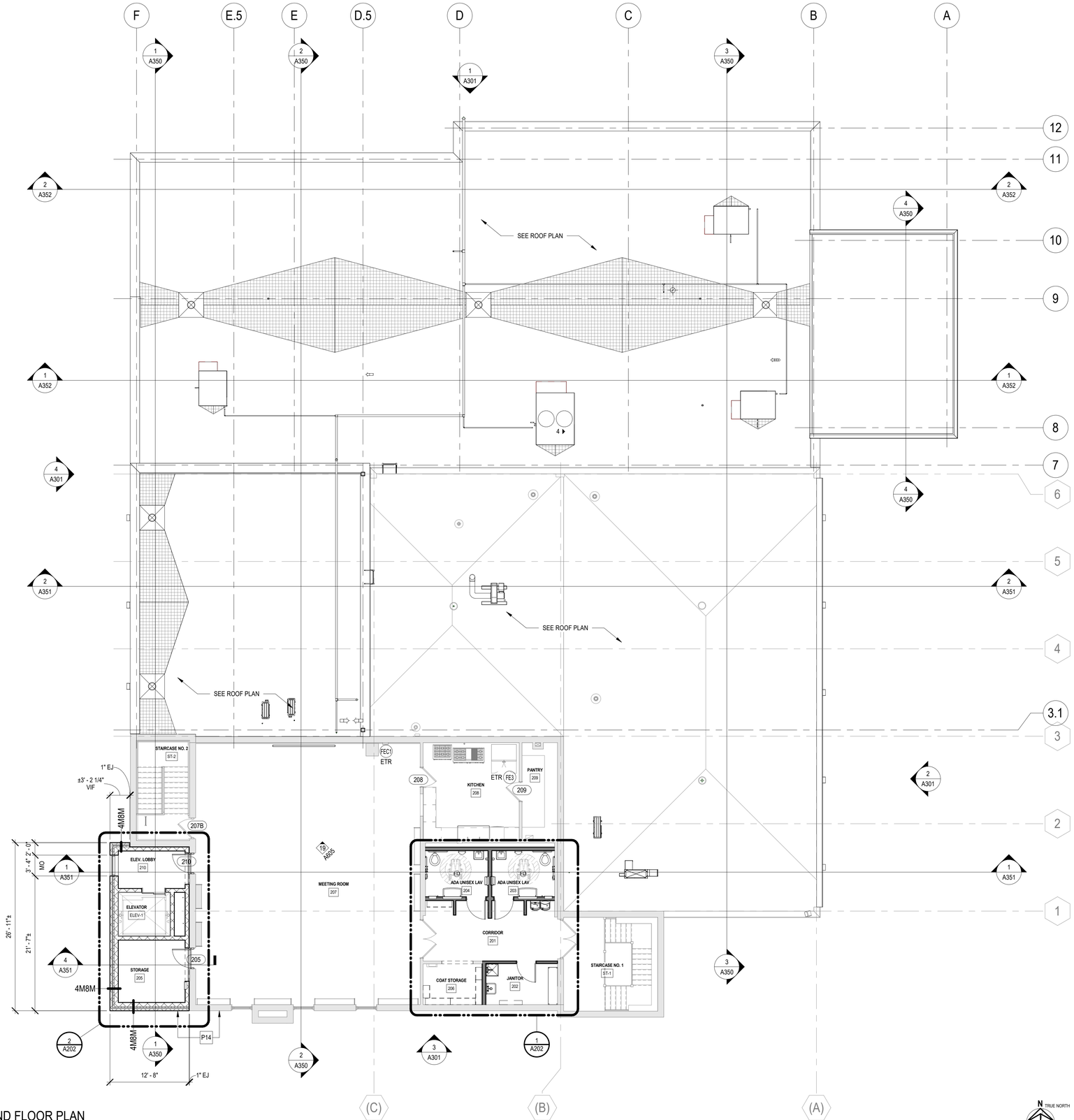
DWG. TITLE

OVERALL PLAN - FIRST FLOOR AND APPARATUS BAY LEVEL

GENERIC SCALE BAR
0 1" 2"
SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING. IF NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY

DATE	06/15/2026
SCALE	As indicated
DWN.	SSS CHK. NM
PROJ. No.	653001
DWG. No.	

A101



1 SECOND FLOOR PLAN
SCALE: 1/8" = 1'-0"

GENERAL FLOOR PLAN NOTES:

1. NEW WORK SHALL ALIGN WITH AND MATCH EXISTING WORK EXCEPT WHERE OTHERWISE DIMENSIONED OR DETAILED.
2. PROVIDE ACCESS PANELS, MINIMUM 24" X 24", OR OF SIZES REQUIRED, WHERE PLUMBING AND HEATING VALVES, WATER SWITCHES, OXYGEN PRESSURE SWITCHES, VENTILATION SPLITTER DAMPERS, ETC ARE SHOWN ON PLUMBING, HEATING, AND VENTILATION DRAWINGS. SUCH ACCESS PANELS TO BE INSTALLED IN THE FOLLOWING:
   (A) STUD OR MASONRY PARTITIONS
   (B) SUSPENDED GYPSUM WALLBOARD CEILINGS
3. ALL WALL DIMENSIONS INDICATED ON FLOOR PLANS ARE TO FACE OF STUD FRAMING OR MASONRY UNLESS OTHERWISE NOTED.
4. WHERE A NEW DOOR, VIEW WINDOW OR OPENING IS CUT THROUGH AN EXISTING MASONRY WALL, PROVIDE A LOOSE LINTEL AS REQUIRED ON THE LOOSE LINTEL SCHEDULE INDICATED ON THE STRUCTURAL DRAWINGS OR SPECIFICATIONS.
5. IN ALL ROOMS BELOW AREAS WHICH RECEIVE UNDER FLOOR SERVICES, REMOVE A PORTION OF EXISTING CEILING BELOW AS REQUIRED. RESTORE OR REPLACE REMOVED CEILING AREAS TO MATCH EXISTING OR AS INDICATED ON ROOM FINISH SCHEDULE.
6. REFER TO ELECTRICAL AND MECHANICAL DRAWINGS FOR EXISTING AND NEW FIXTURES AND SERVICES REMOVED AND/OR INSTALLED. PATCH EXISTING FINISHES DISTURBED BY THIS WORK TO MATCH ADJACENT UNDISTURBED FINISHES, MATERIAL AND SUB FLOORING COMPLETELY.
7. WHERE A SUB FLOOR MATERIAL LIES BELOW A FINISHED FLOOR (SUCH AS CARPETING) AND THE ROOM FINISH SCHEDULE CALLS FOR A NEW FLOOR MATERIAL, REMOVE BOTH FINISHED FLOORING MATERIAL AND SUB FLOORING COMPLETELY.
8. PROVIDE ROLLER SHADE DEVICES AT ALL EXTERIOR WINDOWS AT ADMIN PORTION OF BUILDING. COORDINATE FINAL LOCATIONS WITH CLIENT.
9. PROVIDE BULLNOSE UNITS FOR EXPOSED OUTSIDE VERTICAL CMU CORNERS UNLESS OTHERWISE INDICATED.
10. OWNER TO PROVIDE (4) EXISTING CASEWORK UNITS FOR REINSTALLATION BY GC. GC TO COORDINATE INSTALLATION LOCATIONS WITH OWNER AND PROVIDE BLOCKING AS REQUIRED.

PLAN KEYNOTES

P14	ALIGN

MARLBOROUGH FIRE DISTRICT

MARLBORO HOSE CO. NO. 1
14 GRAND STREET,
MARLBORO, NY 12542

MARLBOROUGH FIRE STATION ADDITIONS AND RENOVATION

CONSTRUCTION DOCUMENTS

wendel
Centerpointe Corporate Park
375 Essjay Road, Suite 200
Williamsville, NY 14221
www.wendelcompanies.com
p:716.688.0766 tf:877.293.6335
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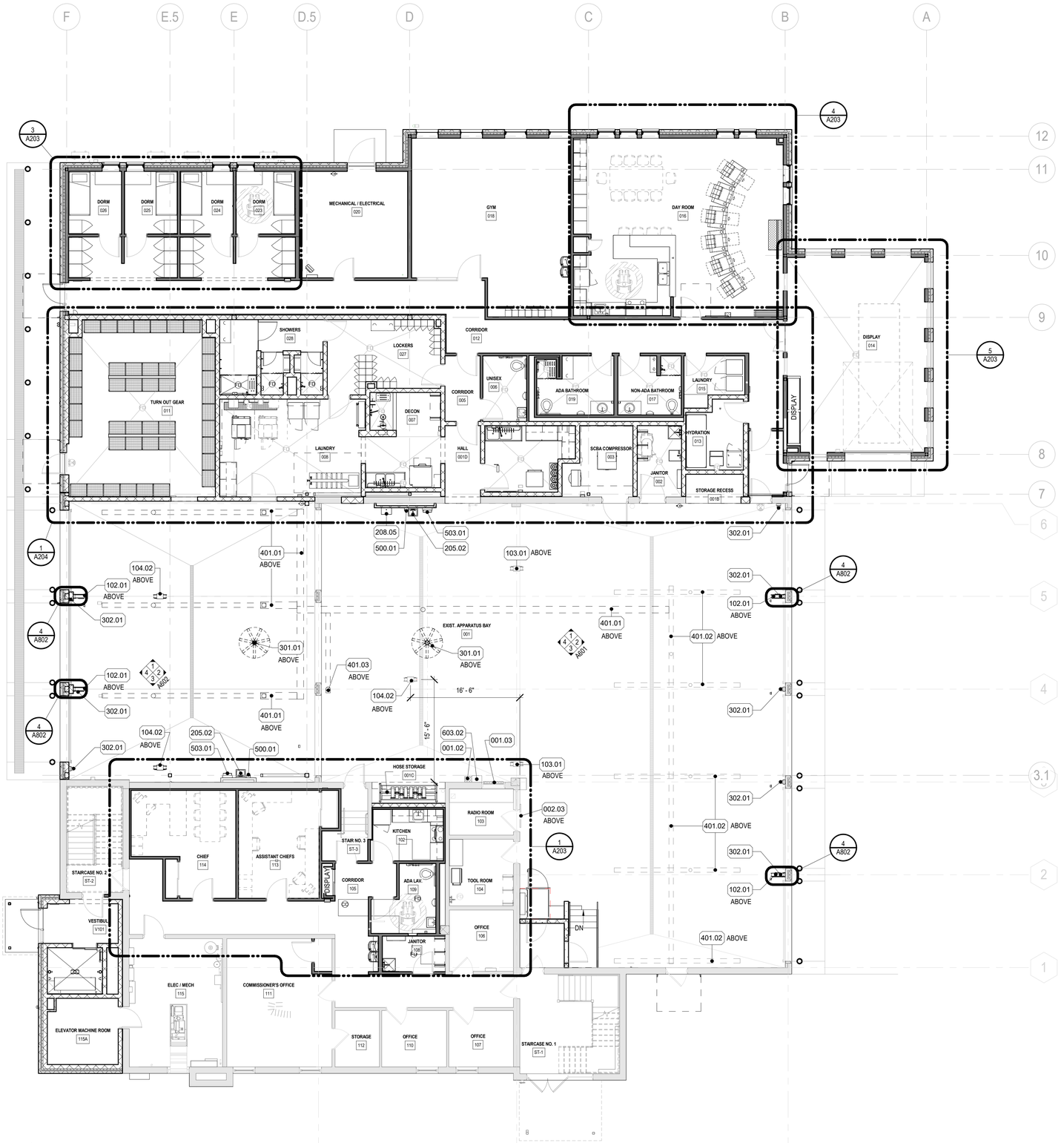
DWG. TITLE

OVERALL PLAN - SECOND FLOOR

GENERIC SCALE BAR
SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING. IF NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY

DATE	06/15/2026
SCALE	As indicated
DWN.	SSS
CHK.	NM
PROJ. No.	653001
DWG. No.	

A102



1 APPARATUS BAY AND FIRST FLOOR FIREMATIC PLAN
SCALE: 1/8" = 1'-0"

N TRUE NORTH

GENERAL FFE FLOOR PLAN NOTES:

1. REFER TO EQUIPMENT SCHEDULE FOR FURTHER INFORMATION.

EQUIPMENT- APP BAYS	
001.02	EXISTING BATTERY CHARGER TO REMAIN
001.03	EXISTING FLASHLIGHT CHARGING TO REMAIN
002.03	EXISTING MONITOR
102.01	WATER HOSE REEL - INCLUDE 70 FEET OF 3/4" HOSE W/ HOSE NOZZLE
103.01	EXISTING COMPRESSED AIR REEL
104.02	ELECTRIC REEL WITH KELLEMS STRAIN RELIEF PLUG ASSEMBY FROM HUBBELL
205.02	HAND WASH SINK
208.05	REFRIGERATED SURFACE MOUNTED BOTTLE FILLING STATION (FILTERED)
301.01	CEILING FAN (SEE ELEC. DWGS.)
302.01	RED LIGHT/GREEN LIGHT SAFTEY LIGHTS
401.01	NEW EXTENSION OF VEHICLE EXHAUST SYSTEM BY OWNERS VENDOR
401.02	EXISTING VEHICLE EXHAUST SYSTEM
401.03	RELOCATED FUME EXHAUST ARM AND DUCTWORK
500.01	SOAP DISPENSER
503.01	PAPERTOWEL / WASTE RECEPTOR
603.02	EXISTING SHELF

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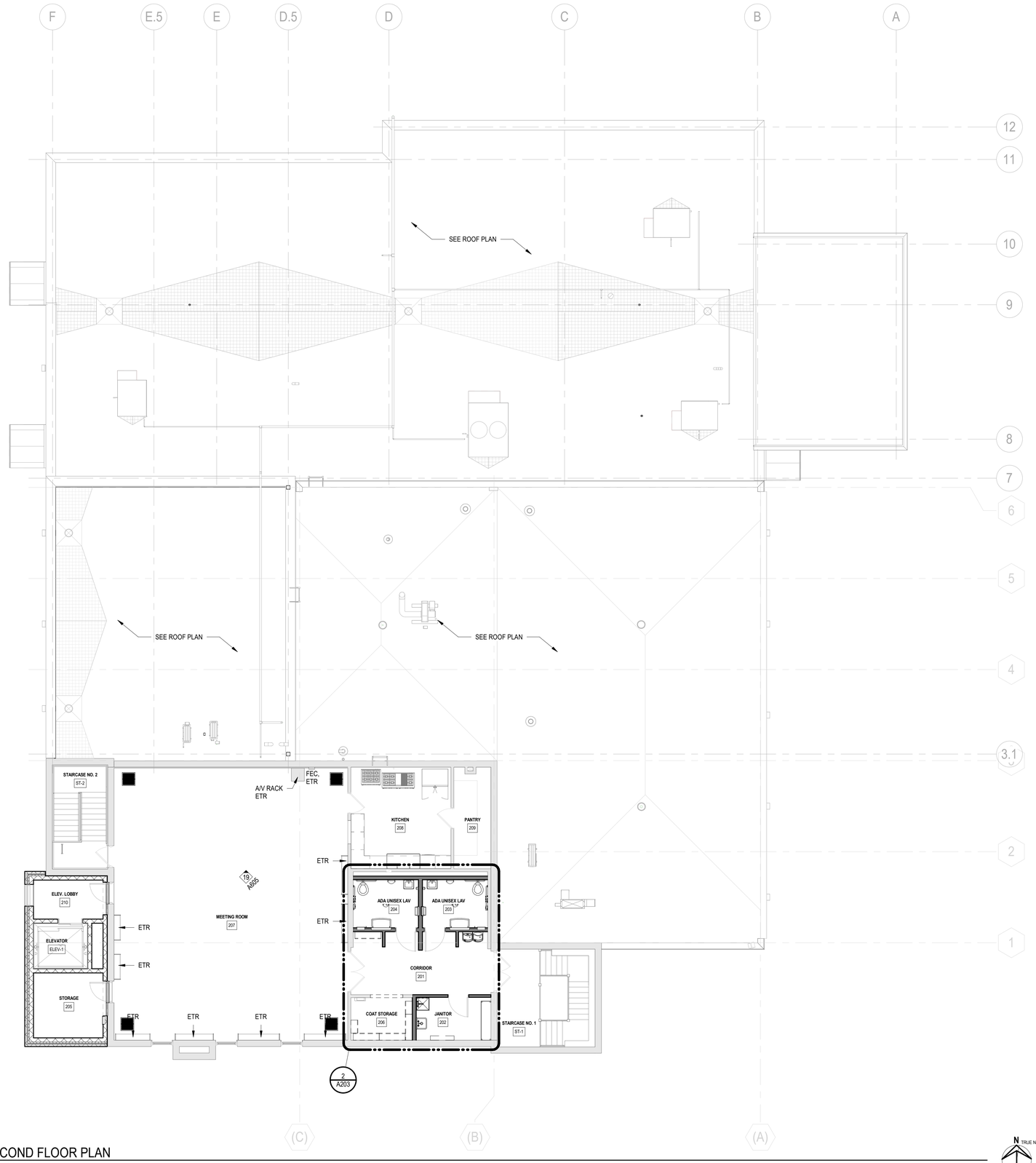
DWG. TITLE

FFE PLANS - FIRST FLOOR AND APPARATUS BAY LEVEL

0 1" 2"
GENERIC SCALE BAR
SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING. IF NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY

DATE	06/15/2026
SCALE	As indicated
DWN.	SSS
CHK.	NM
PROJ. No.	653001
DWG. No.	

A130



1 SECOND FLOOR PLAN
SCALE: 1/8" = 1'-0"

GENERAL FFE FLOOR PLAN NOTES:

1. REFER TO EQUIPMENT SCHEDULE FOR FURTHER INFORMATION.

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DWG. TITLE

FFE PLANS - SECOND FLOOR

0 1" 2"
GENERIC SCALE BAR
SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING. IF NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY

DATE 06/15/2026
SCALE As indicated
DWN. SSS CHK. NM
PROJ. No. 653001
DWG. No.

A131

EQUIPMENT SCHEDULE

MARK	DESCRIPTION	PROCUREMENT METHOD	MECH REQ'D	ELEC REQ'D	PLUMB REQ'D	MANUFACTURER	MODEL	NOTES
APP BAY LEVEL								
001								
EXIST. APPARATUS BAY								
001.02	EXISTING BATTERY CHARGER TO REMAIN	OF/OI		•		ETR	ETR	REMOVE FOR REINSTALLATION IN THE SAME LOCATION FOLLOWING OTHER WORK IN THIS AREA.
001.03	EXISTING FLASHLIGHT CHARGING TO REMAIN	OF/OI		•		ETR	ETR	REMOVE FOR REINSTALLATION IN THE SAME LOCATION FOLLOWING OTHER WORK IN THIS AREA.
002.03	EXISTING MONITOR	OF/OI		•		ETR	ETR	REMOVE FOR REINSTALLATION IN THE SAME LOCATION FOLLOWING OTHER WORK IN THIS AREA.
102.01	WATER HOSE REEL - INCLUDE 70 FEET OF 3/4" HOSE W/ HOSE NOZZLE	CF/CI			•	HANNAY / GILMOUR	#N818-25-26-10.5B-SR / #855032-1001	
103.01	EXISTING COMPRESSED AIR REEL	ETR			•	ETR	ETR	
104.02	ELECTRIC REEL WITH KELLEMS STRAIN RELIEF PLUG ASSEMBY FROM HUBBELL	CF/CI		•		COXREEL	PC13-5012-A	
205.02	HAND WASH SINK	CF/CI			•	ADVANCE TABCO	7-PS-68	K-59 4" O.C. SPLASH MOUNTED GOOSENECK FAUCET WITH WRIST HANDLES
208.05	REFRIGERATED SURFACE MOUNTED BOTTLE FILLING STATION (FILTERED)	CF/CI		•	•	ELKAY MANUFACTURER COMPANY	LZ8WSSSMC	SEE PLUMBING DRAWINGS
217.01	REINSTALL EXISTING LAUNDRY STYLE SINK W/ FACUET FROM APP BAY IN JANITOR ROOM 002.	CF/CI			•	EXISTING	EXISTING	
301.01	CEILING FAN (SEE ELEC. DWGS.)	CF/CI		•		ENVIROFAN	160C-7 BLK	SEE ELECTRICAL DRAWINGS AND COORDINATE WITH ALL TRADES AND CLEARANCES AT VEHICLES.
302.01	RED LIGHT/GREEN LIGHT SAFTEY LIGHTS	CF/CI		•		LIFTMASTER	RGL24LY RED-GREEN TRAFFIC LIGHT	EC TO PROVIDE EXPOSED CONDUIT WITH WIRING FOR UNITS TO BE HOUSED ON EXISTING WALLS
401.01	NEW EXTENSION OF VEHICLE EXHAUST SYSTEM BY OWNERS VENDOR	OF/OI	•	•		PLYMOVENT		TIED INTO EXISTING PLYMOVENT SYSTEM
401.02	EXISTING VEHICLE EXHAUST SYSTEM	EXIST	•	•		PLYMOVENT	EXISTING	TO BE MODIFIED BY OWNERS VENDOR
401.03	RELOCATED FUME EXHAUST ARM AND DUCTWORK	OF/OI	•	•		PLYMOVENT	EXISTING	TO BE RELOCATED AND MODIFIED BY OWNERS VENDOR
500.01	SOAP DISPENSER	CF/CI				GOJO	PRO TDX 2000 DISPENSING SYSTEM	
503.01	PAPERTOWEL / WASTE RECEPTOR	CF/CI				BOBRICK	B-3949	SURFACE MOUNTED
603.02	EXISTING SHELF	OF/CI				ETR	ETR	REMOVE & SALVAGE FOR REINSTALLATION IN THE SAME LOCATION FOLLOWING OTHER WORK IN THIS AREA.
001A								
APPARATUS BAY								
102.01	WATER HOSE REEL - INCLUDE 70 FEET OF 3/4" HOSE W/ HOSE NOZZLE	CF/CI			•	HANNAY / GILMOUR	#N818-25-26-10.5B-SR / #855032-1001	
104.02	ELECTRIC REEL WITH KELLEMS STRAIN RELIEF PLUG ASSEMBY FROM HUBBELL	CF/CI		•		COXREEL	PC13-5012-A	
205.02	HAND WASH SINK	CF/CI			•	ADVANCE TABCO	7-PS-68	K-59 4" O.C. SPLASH MOUNTED GOOSENECK FAUCET WITH WRIST HANDLES
301.01	CEILING FAN (SEE ELEC. DWGS.)	CF/CI		•		ENVIROFAN	160C-7 BLK	SEE ELECTRICAL DRAWINGS AND COORDINATE WITH ALL TRADES AND CLEARANCES AT VEHICLES.
302.01	RED LIGHT/GREEN LIGHT SAFTEY LIGHTS	CF/CI		•		LIFTMASTER	RGL24LY RED-GREEN TRAFFIC LIGHT	EC TO PROVIDE CONCEALED CONDUIT WITH WIRING FOR ALL LOCATIONS
401.01	NEW EXTENSION OF VEHICLE EXHAUST SYSTEM BY OWNERS VENDOR	OF/OI	•	•		PLYMOVENT		TIED INTO EXISTING PLYMOVENT SYSTEM
500.01	SOAP DISPENSER	CF/CI				GOJO	PRO TDX 2000 DISPENSING SYSTEM	
503.01	PAPERTOWEL / WASTE RECEPTOR	CF/CI				BOBRICK	B-3949	SURFACE MOUNTED
001C								
HOSE STORAGE								
110.01	MOBILE HOSE RACK, 3 TIERS, 104" (L) x 87" (H) x 34" (W)	OF/CI				READY RACK	HC-96-3T	
002								
JANITOR								
005.02	WALK-BEHIND FLOOR SCRUBBER	OF/OI				TENNANT	T300E	
204.01	24"x24" MOP BASIN WITH SERVICE FAUCET AND HOOK STAINLESS STEEL MOP HOLDER AND (2) WALL GUARDS	CF/CI			•	FIAT	TSB100 (MOP BASIN) + 830AA (FAUCET) + 889CC (MOP HANGER) + MSG2424 (WALL GUARDS)	
217.01	REINSTALL EXISTING LAUNDRY STYLE SINK W/ FACUET FROM APP BAY IN JANITOR ROOM 002.	CF/CI			•	EXISTING	EXISTING	
500.01	SOAP DISPENSER	CF/CI				GOJO	PRO TDX 2000 DISPENSING SYSTEM	
602.01	WALL MOUNTED SHELVING WITH STANDARDS AND BRACKETS	CF/CI				E-Z SHELVING SYSTEM		SEE INTERIOR ELEVATIONS. (3) STANDARDS - 3'-0" (L), (2) SHELVES - 4'-8" (L) x 1'-6" (D), (3) BRACKETS PER SHELF (TYP)
604.01	UTILITY SHELF W/4 HOOKS 3 HOLDERS (34" W)	CF/CI				BRADLEY	9933	SEE INTERIOR ELEVATIONS AND ENLARGED FLOOR PLANS.
003								
SCBA COMPRESSOR								
402.01	HIGH PRESSURE COMPRESSOR	OF/CI		•	•	REVOLVEAIR	RSC-050351-1	
403.01	EXISTING HOUSE AIR COMPRESSOR	OF/CI		•	•	QUINCY	QT5	EXISTING TO BE RELOCATED FROM TEMPORARY STATION
004								
SCBA FILL								
002.06	SST CABINETRY & COUNTER	CF/CI				MOTT MANUFACTURING		SEE INTERIOR ELEVATIONS
117.01	PANEL TO HOUSE SCBA PACKS (25 1/4"H x 72"W)	CF/CI				GEARGRID	WALL MOUNT STORAGE PANEL	SEE INTERIOR ELEVATIONS, VERTICAL INSTALLATION
124.01	BUILT IN SCBA BOTTLE STORAGE RACK FOR (18) AIR BOTTLES	CF/CI				-	-	SEE INTERIOR ELEVATIONS, ENLARGED FLOOR PLANS AND DETAILS.
125.02	SCBA CASCADE - 4 TANKS	OF/CI						
128.01	EXISTING SCBA FILL	OF/CI		•		REVOLVEAIR	MODEL 5016	EXISTING TO BE RELOCATED FROM TEMPORARY STATION B.O.
201.03	TWO BASIN SINK W/ DRAIN BOARD ON RIGHT SIDE (67"L x 28"D)	CF/CI			•	ADVANCE TABCO	94-22-40-18R	SEE PLUMBING DRAWINGS
203.01	T&S HEAVY DUTY PRE-RINSE FAUCET	CF/CI			•	ADVANCE TABCO	K-116	SEE PLUMBING DRAWINGS
500.01	SOAP DISPENSER	CF/CI				GOJO	PRO TDX 2000 DISPENSING SYSTEM	
504.01	SST BAR POT RACK (65" WIDE)	CF/CI				ADVANCE TABCO	SW1-60	
007								
DECON								
119.01	ANGLE BRACKETS	CF/CI				SUGATSUNE	XL-SA01-240/S	BOARDS NIC.
131.01	SCBA MASK, BOTTLE AND GLOVE SANITIZER	CF/CI		•	•	TAHOE	SOLO RESCUE	WATER SUPPLY 104 DEGREES MAX. 40A BREAKER REQ'D. DOSING PUMP MOUNTED ON UNIT
201.01	TWO BASIN SINK W/ DRAINBOARDS ON EACH SIDE (72"L x 28"D)	CF/CI			•	ADVANCE TABCO	94-2-36-18RL	SEE PLUMBING DRAWINGS
203.01	T&S HEAVY DUTY PRE-RINSE FAUCET	CF/CI			•	ADVANCE TABCO	K-116	SEE PLUMBING DRAWINGS
203.02	T&S HEAVY DUTY MIXING FAUCET WITH 72" FLEXIBLE STEEL HOSE AND HIGH FLOOW SPRAY VALVE	CF/CI			•	T&S BRASS AND BRONZE WORKS, INC.	PB-8WOSN00PZLUB	SEE PLUMBING DRAWINGS
207.02	EYE WASH & EMERGENCY SHOWER	CF/CI			•	GUARDIAN	G1891 (EYE WASH) + G1643 (SHOWER)	
500.01	SOAP DISPENSER	CF/CI				GOJO	PRO TDX 2000 DISPENSING SYSTEM	
504.01	SST BAR POT RACK (65" WIDE)	CF/CI				ADVANCE TABCO	SW1-60	
511.02	PHENOLIC FOLDING SEAT	CF/CI				BOBRICK	B-5193	
602.02	WALL MOUNTED SHELVING - 4 SHELVES (18"D x 4'-2"W) WITH (2) UPRIGHTS AT 6'-0"H	CF/CI				E-Z SHELVING SYSTEM		SEE INTERIOR ELEVATIONS
605.01	STAINLESS STEELSHELF (12"D x 24"L)	CF/CI				ADVANCE TABCO	WS-12-24-16	SEE INTERIOR ELEVATIONS
008								
LAUNDRY								
002.06	SST CABINETRY & COUNTER	CF/CI				MOTT MANUFACTURING		SEE ENLARGED PLANS AND INTERIOR ELEVATIONS
114.01	EXISTING 50LB EXTRACTOR	OF/CI		•	•	UNIMAC	ETR	EXISTING TO BE RELOCATED FROM TEMPORARY STATION B.O.
114.02	FUTURE 65LB EXTRACTOR, NIC	OF/OI		•	•	UNIMAC	AS SPECIFIED	ALL UTILITIES TO BE PRE-INSTALLED
114.03	EXISTING GEAR WASH SOAP SYSTEM	OF/CI		•		FIRE SOAPS	ETR	EXISTING TO BE RELOCATED FROM TEMPORARY STATION B.O.
114.04	FUTURE GEAR WASH SOAP SYSTEM	OF/OI		•		FIRE SOAPS	FIRE WASH SOLID TIMER & DISPENSER	
137.01	EXISTING TURNOUT GEAR DRYER	OF/CI		•		RAM AIR	TG-6H	EXISTING TO BE RELOCATED FROM TEMPORARY STATION B.O. ELECRICAL: 240V, 60 Hz, 1-PHASE, 30 AMP BREAKER. EC TO PROVIDE POWER AND A DISCONNECT
209.03	METAL DRYER VENT BOX (12 1/2"W x 21"H x 5 1/4"D)	CF/CI				DRYER BOX	MODEL DB-425	22 GUAGE ALUMINIZED STEEL. SEE ENLARGED PLANS, INTERIOR ELEVATIONS AND DETAIL 1/A802.
211.01	FRONT LOAD WASHER	CF/CI		•	•	MAYTAG	MHW6630HC	
211.02	FRONT LOAD DRYER	CF/CI	•	•		MAYTAG	MED6630HW	
216.01	VALVE BOX	CF/CI			•	GUY GREY	MVB16	
600.01	CUSTOM HEAVY DUTY GEAR DRYING RACK (4'-0")	CF/CI				-	CUSTOM BUILT	STEEL HANGING ROD W/PHENOLIC SHELF. SEE DETAILS
605.03	STAINLESS STEEL SHELF (12"D x 60"L)	CF/CI				ADVANCE TABCO	WS-12-60-16	
011								
TURN OUT GEAR								
002.01	EMERGENCY RESPONDER SYSTEM MONITOR	OF/CI		•		BY OWNER'S VENDOR	BY OWNER'S VENDOR	PROVIDE MOUNTING BRACKET, POWER AND DATA CONNECTIONS. DATA AND POWER CONNECTIONS TO BE LOCATED BEHIND MONITOR. SEE INTERIOR ELEVATIONS AND ELECTRICAL DRAWINGS.
112.02	30" X 24" WALL MOUNTED LOCKER	CF/CI		•		GEARGRID	STANDARD WALL MOUNT LOCKER	
112.07	30" W x 24" WALL MOUNTED LOCKER ATTACHED TO (113.02) GEAR LOCKER SUPPORT	CF/CI		•		GEARGRID	STANDARD WALL MOUNT LOCKER	LOCKER TO BE INSTALLED ON GEAR LOCKER SUPPORT (113.02).
113.02	GEAR LOCKER SUPPORT: BLACK	CF/CI				GEARGRID	TUBULAR FRAME WALL	
013								
HYDRATION								
054.01	REACH-IN SWING DOOR REFRIGERATOR	CF/CI		•		TRUE	T-23G-HC~FGD01	HYDROCARBON REFRIGERANT~FRAMED GLASS DOOR VERSION 01
210.02	EXISTING ICE MAKER	OF/CI		•	•	MANITOWOC	B 570	TO BE RELOCATED FROM EXISTING APP BAY
606.01	STORAGE RACK (96"X36"X72")	CF/CI				ULINE	H-4323	
015								
LAUNDRY								
211.01	FRONT LOAD WASHER	CF/CI		•	•	MAYTAG	MHW6630HC	
211.02	FRONT LOAD DRYER	CF/CI	•	•		MAYTAG	MED6630HW	

EQUIPMENT SCHEDULE

MARK	DESCRIPTION	PROCUREMENT METHOD	MECH REQ'D	ELEC REQ'D	PLUMB REQ'D	MANUFACTURER	MODEL	NOTES
016								
DAY ROOM								
001.04	EXISTING TV STAND	OF/CI				ETR	ETR	TO BE RELOCATED FROM EXISTING DAY ROOM
002.01	EMERGENCY RESPONDER SYSTEM MONITOR	OF/CI		•		BY OWNER'S VENDOR	BY OWNER'S VENDOR	PROVIDE MOUNTING BRACKET, POWER AND DATA CONNECTIONS. DATA AND POWER CONNECTIONS TO BE LOCATED BEHIND MONITOR. SEE INTERIOR ELEVATIONS AND ELECTRICAL DRAWINGS.
002.02	EXISTING TV MONITOR	OF/CI				ETR	ETR	TO BE RELOCATED FROM EXISTING DAY ROOM
003.01	RECLINER	OF/OI				DREAMSEAT	HT RECLINER	
015.01	36" GAS RANGE & GRIDDLE WITH OVEN.	CF/CI		•	•	MONOGRAM	ZGP364NDTSS	GAS CONNECTIONS BY PC; EXHAUST HOOD PER M DRAWINGS BY MC.
016.01	REFRIGERATOR	CF/CI		•	•	GE	GBE17HYR	
020.01	RANGE EXHUAST HOOD	CF/CI	•	•		DELNAR	D1036-D-IF	SEE MECHANICAL DRAWINGS
214.01	SINK: DOUBLE BASIN	CF/CI			•	TBD	TBD	
215.01	SINK	CF/CI			•	TBD	TBD	
301.01	EXISTING SCANNER WITH EXISTING WALL MOUNTED BRACKETS.	OF/CI		•				RELOCATED FROM EXISTING DAY ROOM. EC TO PROVIDE ELECTRICAL CONNECTIONS.
607.02	48" WALL MOUNTED COAT RACK	CF/CI				ULINE	H-2515	
016A								
PANTRY								
017								
NON-ADA BATHROOM								
206.02	RECESS-MOUNTED ADA COMPLIANT WALL SHOWER WITH RECESSED SOAP DISH	CF/CI			•	BRADLEY	HN200	SEE PLUMBING DRAWINGS, ENLARGED PLANS AND INTERIOR ELEVATIONS
508.02	PEDESTAL BENCH	CF/CI				ASI STORAGE SOLUTIONS		"CUSTOM" SIZE (3" THICK PHENOLIC COMPOSITE TEXTURE FINISH 30"L x 12"D) (2) SST PEDESTALS
018								
GYM								
208.01	BOTTLE FILLER / WATER COOLER	CF/CI		•	•	ELKAY	LZSTL8WSLK	SEE PLUMBING DRAWINGS
611.03	LOCKER (12"x12")	CF/CI				SUMMIT LOCKERS	4 TIER	7 LOCKERS
019								
ADA BATHROOM								
206.03	ADA COMPLIANT IN-WALL SHOWER WITH ADA GRAB BARS, ADA COMPLIANT SHOWER SEAT AND RECESSED SOAP DISH	CF/CI			•	BRADLEY	HN300	SEE PLUMBING DRAWINGS, ENLARGED PLANS AND INTERIOR ELEVATIONS
510.01	PHENOLIC PEDESTAL ADA BENCH WITHOUT BACK SUPPORT	CF/CI				SUMMIT LOCKERS	ADA BENCH TYPE 1	PHENOLIC 20"W x 42"L BENCH WITH (4) SST PEDESTALS
021								
LOCKERS								
611.02	PHENOLIC SINGLE TIER BUNK ROOM LOCKER WITH LOCKABLE CABINET (24"W x 24"D x 72"H)	CF/CI				SUMMIT LOCKER	PHENOLIC CUSTOM LOCKER	SEE PLANS AND INTERIOR ELEVATIONS
022								
LOCKERS								
611.02	PHENOLIC SINGLE TIER BUNK ROOM LOCKER WITH LOCKABLE CABINET (24"W x 24"D x 72"H)	CF/CI				SUMMIT LOCKER	PHENOLIC CUSTOM LOCKER	SEE PLANS AND INTERIOR ELEVATIONS
023								
DORM								
014.01	BED-BUNK	OF/OI				NORIX	PROTEGE SERIES - BUNKABLE BED	
018.01	PLACEHOLDER DESK	OF/OI				FURNITURE BY OWNER'S VENDOR	FURNITURE BY OWNER'S VENDOR	
611.02	PHENOLIC SINGLE TIER BUNK ROOM LOCKER WITH LOCKABLE CABINET (24"W x 24"D x 72"H)	CF/CI				SUMMIT LOCKER	PHENOLIC CUSTOM LOCKER	SEE PLANS AND INTERIOR ELEVATIONS
024								
DORM								
014.01	BED-BUNK	OF/OI				NORIX	PROTEGE SERIES - BUNKABLE BED	
018.01	PLACEHOLDER DESK	OF/OI				FURNITURE BY OWNER'S VENDOR	FURNITURE BY OWNER'S VENDOR	
611.02	PHENOLIC SINGLE TIER BUNK ROOM LOCKER WITH LOCKABLE CABINET (24"W x 24"D x 72"H)	CF/CI				SUMMIT LOCKER	PHENOLIC CUSTOM LOCKER	SEE PLANS AND INTERIOR ELEVATIONS
025								
DORM								
014.01	BED-BUNK	OF/OI				NORIX	PROTEGE SERIES - BUNKABLE BED	
018.01	PLACEHOLDER DESK	OF/OI				FURNITURE BY OWNER'S VENDOR	FURNITURE BY OWNER'S VENDOR	
611.02	PHENOLIC SINGLE TIER BUNK ROOM LOCKER WITH LOCKABLE CABINET (24"W x 24"D x 72"H)	CF/CI				SUMMIT LOCKER	PHENOLIC CUSTOM LOCKER	SEE PLANS AND INTERIOR ELEVATIONS
026								
DORM								
014.01	BED-BUNK	OF/OI				NORIX	PROTEGE SERIES - BUNKABLE BED	
018.01	PLACEHOLDER DESK	OF/OI				FURNITURE BY OWNER'S VENDOR	FURNITURE BY OWNER'S VENDOR	
611.02	PHENOLIC SINGLE TIER BUNK ROOM LOCKER WITH LOCKABLE CABINET (24"W x 24"D x 72"H)	CF/CI				SUMMIT LOCKER	PHENOLIC CUSTOM LOCKER	SEE PLANS AND INTERIOR ELEVATIONS
027								
LOCKERS								
510.01	PHENOLIC PEDESTAL ADA BENCH WITHOUT BACK SUPPORT	CF/CI				SUMMIT LOCKERS	ADA BENCH TYPE 1	PHENOLIC 20"W x 42"L BENCH WITH (4) SST PEDESTALS
611.03	PHENOLIC LOCKER (12"X12")	CF/CI				SUMMIT LOCKERS	2 TIER	SEE PLANS AND INTERIOR ELEVATIONS
028								
SHOWERS								
206.02	RECESS-MOUNTED ADA COMPLIANT WALL SHOWER WITH RECESSED SOAP DISH	CF/CI			•	BRADLEY	HN200	SEE PLUMBING DRAWINGS, ENLARGED PLANS AND INTERIOR ELEVATIONS
505.01	PHENOLIC PARTITION WITH DOOR	CF/CI				COLOMBIA PARTITIONS	FLOOR-MOUNTED, HEADRAIL-BRACED / FULL HIGH HINGE / SS BRACKETS	
509.03	WALL MOUNTED BENCH	CF/CI				COLOMBIA LOCKERS	CUSTOM: 12" X 32" W/ WALL BRACKETS	
510.01	PHENOLIC PEDESTAL ADA BENCH WITHOUT BACK SUPPORT	CF/CI				SUMMIT LOCKERS	ADA BENCH TYPE 1	PHENOLIC 20"W x 42"L BENCH WITH (4) SST PEDESTALS
104								
TOOL ROOM								
018.02	EXISTING WORK BENCH	OF/OI				ETR	ETR	TO BE RELOCATED FROM DEMOLISHED STORAGE ROOM
135.01	EXISTING TOOL BOX TO BE RELOCATED	OF/OI				ETR	ETR	EXISTING TO BE RELOCATED
203.03	EXISTING FAUCET	-			•	ETR	ETR	EXISTING TO REMAIN
602.04	EXISTING SHELVING UNIT	-				ETR	ETR	EXISTING TO REMAIN
EXIST. FIRST FLOOR								
102								
KITCHEN								
015.02	REINSTALL EXISTING GAS RANGE	CF/CI		•	•	EXISTING	EXISTING	
015.04	REINSTALL EXISTING OVER THE RANGE MICROWAVE			•		EXISTING	EXISTING	
016.01	REFRIGERATOR	CF/CI		•	•	GE	GBE17HYR	
215.01	SINK	CF/CI			•	TBD	TBD	
105								
CORRIDOR								
015.02	REINSTALL EXISTING GAS RANGE	CF/CI		•	•	EXISTING	EXISTING	
015.04	REINSTALL EXISTING OVER THE RANGE MICROWAVE			•		EXISTING	EXISTING	
208.01	BOTTLE FILLER / WATER COOLER	CF/CI		•	•	ELKAY	LZSTL8WSLK	SEE PLUMBING DRAWINGS
301.01	EXISTING SCANNER WITH EXISTING WALL MOUNTED BRACKETS.	OF/CI		•				RELOCATED FROM EXISTING DAY ROOM. EC TO PROVIDE ELECTRICAL CONNECTIONS.
108								
JANITOR								
204.01	24"x24" MOP BASIN WITH SERVICE FAUCET AND HOOK STAINLESS STEEL MOP HOLDER AND (2) WALL GUARDS	CF/CI			•	FIAT	TSB100 (MOP BASIN) + 830AA (FAUCET) + 889CC (MOP HANGER) + MSG2424 (WALL GUARDS)	
602.01	WALL MOUNTED SHELVING WITH STANDARDS AND BRACKETS	CF/CI				E-Z SHELVING SYSTEM		SEE INTERIOR ELEVATIONS. (3) STANDARDS - 3'-0" (L), (2) SHELVES - 4'-8" (L) x 1'-6" (D), (3) BRACKETS PER SHELF (TYP)
604.01	UTILITY SHELF W/4 HOOKS 3 HOLDERS (34" W)	CF/CI				BRADLEY	9933	SEE INTERIOR ELEVATIONS AND ENLARGED FLOOR PLANS.
113								
ASSISTANT CHIEFS								
013.01	2-DRAWER FILE CABINET	OF/OI				FURNITURE BY OWNERS VENDOR	FURNITURE BY OWNERS VENDOR	FURNITURE BY OWNER'S VENDOR
014.02	DESK	OF/OI				FURNITURE BY OWNERS VENDOR	FURNITURE BY OWNERS VENDOR	FURNITURE BY OWNER'S VENDOR
114								
CHIEF								
013.01	2-DRAWER FILE CABINET	OF/OI				FURNITURE BY OWNERS VENDOR	FURNITURE BY OWNERS VENDOR	FURNITURE BY OWNER'S VENDOR
019.01	DESK	OF/OI				FURNITURE BY OWNERS VENDOR	FURNITURE BY OWNERS VENDOR	FURNITURE BY OWNERS VENDOR

MARLBORO HOSE 38 CO. NO. 1 — EST. 1897 — 125 YEARS — 2022 — NY

MARLBOROUGH FIRE DISTRICT

MARLBORO HOSE CO. NO. 1
14 GRAND STREET,
MARLBORO, NY 12542

MARLBOROUGH FIRE STATION ADDITIONS AND RENOVATION

CONSTRUCTION DOCUMENTS

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DWG. TITLE

FFE SCHEDULE - APP BAY AND FIRST FLOOR

0 1" 2"
GENERIC SCALE BAR
SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING. IF NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY

DATE 06/15/2026
SCALE
DWN. SSS CHK. NM
PROJ. No. 653001
DWG. No.

A132

EQUIPMENT SCHEDULE

MARK	DESCRIPTION	PROCUREMENT METHOD	MECH REQ'D	ELEC REQ'D	PLUMB REQ'D	MANUFACTURER	MODEL	NOTES
EXIST. SECOND FLOOR								
201								
CORRIDOR								
208.01	BOTTLE FILLER / WATER COOLER	CF/CI		•	•	ELKAY	LZSTL8WSLK	SEE PLUMBING DRAWINGS
607.02	48" WALL MOUNTED COAT RACK	CF/CI				ULINE	H-2515	
202								
JANITOR								
204.01	24"x24" MOP BASIN WITH SERVICE FAUCET AND HOOK STAINLESS STEEL MOP HOLDER AND (2) WALL GUARDS	CF/CI			•	FIAT	TSB100 (MOP BASIN) + 830AA (FAUCET) + 889CC (MOP HANGER) + MSG2424 (WALL GUARDS)	
205.01	WALL HUNG SERVICE SINK	CF/CI			•	ELKAY	ESSB211BC	
604.02	UTILITY SHELF W/5 HOOKS 4 HOLDERS 44" W	CF/CI				BRADLEY	9934	SEE INTERIOR ELEVATIONS AND ENLARGED FLOOR PLANS.
606.02	FREE STANDING SHELVING	OF/CI				ULINE	H-5445	72"W x 18"D x 72"H
206								
COAT STORAGE								
607.01	24" WALL MOUNTED COAT RACK	CF/CI				ULINE	H-2515S	
607.02	48" WALL MOUNTED COAT RACK	CF/CI				ULINE	H-2515	
208								
KITCHEN								
002.04	BASE CABINETS	CF/CI						

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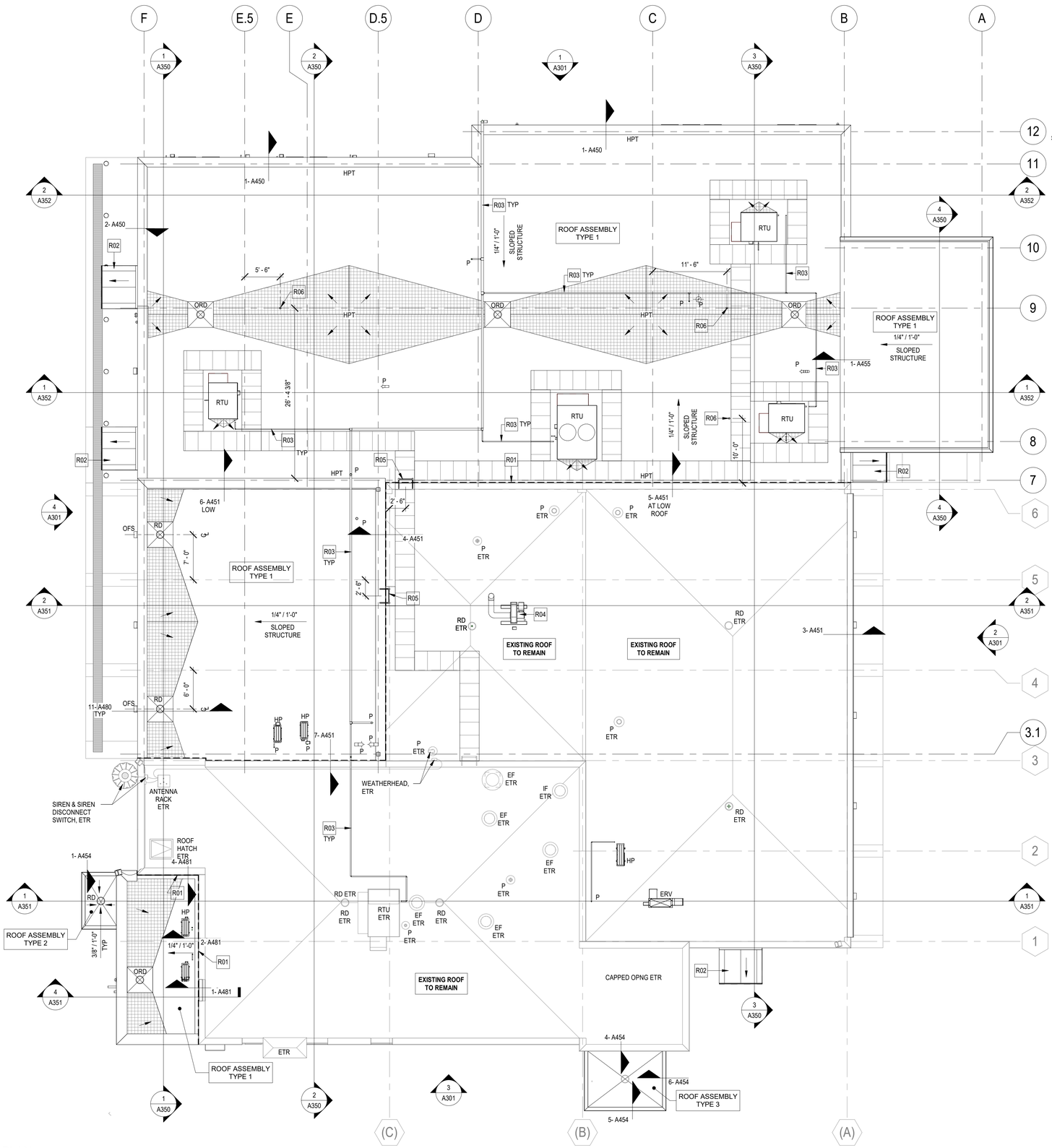
DWG. TITLE

FFE SCHEDULE- SECOND FLOOR

0 1" 2"
GENERIC SCALE BAR
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SCALE
DWN. SSS CHK. NM
PROJ. No. 653001
DWG. No.

A133



1 ROOF PLAN
SCALE: 1/8" = 1'-0"

ROOF SYMBOLS LEGEND:

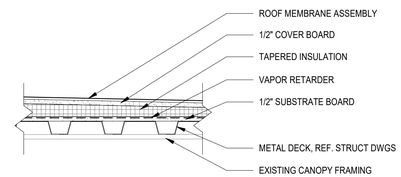
- TAPERED INSULATION CIRCKET SLOPE DOWN IN DIRECTION INDICATED @ 1/2" PER FOOT.
- SLOPE DN 1/4" : 12" — TAPERED RIGID INSULATOIN; SLOPED DOWN IN DIRECTION AND SLOPE INIDCATED
- 1/4" : 12" MIN SLOPED STRUCTURE — STRUCTURAL SLOPED DECK; SLOPED DOWN IN DIRECTION INDICATED
- WALKWAY ROLLS
- HPT — HIGH POINT OF ROOF DECKING/INSULATION
- LPT — LOW POINT OF ROOF DECKING/INSULATION
- RD — ROOF DRAIN AND SUMP; REF. **9 / A480**
- ORD — COMBINATION ROOF DRAIN WITH OVERFLOW DRAIN AND SUMP; REF. **8 / A480**
- RD — ROOF DRAIN
- OFS — THRU WALL OVERFLOW SCUPPER, REF. DETAIL **11 / A480**
- P — PIPE PENETRATION, REF. MEP DRAWINGS & DETAIL **1 / A480**
- PP — PIPE PENETRATIONS W/ PITCH POCKET, REF. MEP DRAWINGS & DETAIL **10 / A480**
- ACCU — AIR CONDITIONING CONDENSING UNIT, REF. MEP DRAWINGS
- EF — EXHAUST FAN, REF. MEP DRAWINGS & DETAIL **4 / A480**
- IF — INTAKE FAN, REF. MEP DRAWINGS & DETAIL **4 / A480**
- RTU — ROOF TYPE UNIT, REF. MEP DRAWINGS & DETAIL **4 / A480**
- HP — HEAT PUMP, REF. MEP DRAWINGS
- ERV — ENERGY RECOVERY VENTILATOR, REF. MEP DRAWINGS & DETAIL **4 / A480**

GENERAL ROOF NOTES:

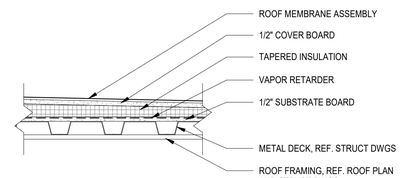
1. VERIFY ALL MECHANICAL, PLUMBING, ELECTRICAL AND OTHER ROOF PENETRATIONS, SIZES AND LOCATIONS WITH MECHANICAL, PLUMBING AND ELECTRICAL PLANS. COORDINATE AND FLASH ALL OPENINGS THROUGH ROOF SYSTEM.
2. PROVIDE POSITIVE DRAINAGE AT ALL ROOF PENETRATIONS AND CURBS.
3. MAINTAIN ROOF IN WEATHERTIGHT CONDITION DURING ENTIRE ROOF PREPARATION AND ROOF INSTALLATION PROCEDURES.
4. MAINTAIN ROOF DRAINS IN FUNCTIONING CONDITION TO ENSURE ROOF DRAINAGE AT THE END OF EACH WORK DAY. PREVENT DEBRIS FROM ENTERING OR BLOCKING ROOF DRAINS. IF ROOF DRAINS WILL BE TEMPORARILY BLOCKED OR UNSERVICEABLE DUE TO ROOF SYSTEM OPERATIONS, PROVIDE ALTERNATIVE DRAINAGE METHOD TO REMOVE WATER AND ELIMINATE PONDING.
5. CONTRACTOR PROHIBITED FROM OVERLOADING EXISTING ROOF STRUCTURE OR CREATE POINT LOADS FROM STORED MATERIALS ON THE ROOF.
6. CONTRACTOR SHALL AT ALL TIMES PROVIDE AND MAINTAIN A SAFE PATH OF TRAVEL AT GRADE LEVEL FOR THE EGRESS OF BUILDING OCCUPANTS.
7. REFER TO ARCHITECTURAL ROOF DETAILS ON SHEET ***AXXX*** ALONG WITH MEP PLANS FOR SIZES AND APPROXIMATE LOCATIONS.
8. REFER TO ROOF ASSEMBLY TYPES ON THIS SHEET.

ROOF PLAN KEYNOTES

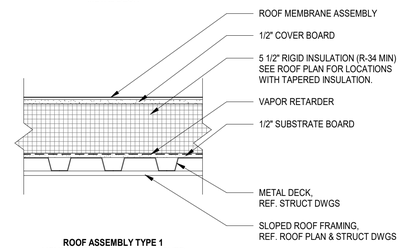
R01	1" ROOF EXPANSION JOINT
R02	STAINLESS STEEL AWNING, SEE SHEET A452.
R03	GAS PIPING WITH ROOF SUPPORTS, REFER TO MECHANICAL DRAWINGS.
R04	VEHICLE EXHAUST SYSTEM ROOF VENT FAN BY OWNERS VENDOR. DO NOT LOCATE FAN WITHIN 25'-0" OF FRESH AIR INTAKE OPENINGS. REF. MECHANICAL DRAWINGS AND DETAILS 1, 3 AND 5 ON A480
R05	PRE-FABRICATED ALUMINUM ROOF ACCESS LADDER WITH RAIL EXTENSIONS.
R06	FALL PROTECTION ROOF TIE-OFF, SEE DETAIL 3/A481 AND STRUCTURAL DRAWINGS.



ROOF ASSEMBLY TYPE 3
MEMBRANE ROOF ASSEMBLY OVER METAL DECK



ROOF ASSEMBLY TYPE 2
MEMBRANE ROOF ASSEMBLY OVER METAL DECK



ROOF ASSEMBLY TYPE 1
MEMBRANE ROOF ASSEMBLY OVER METAL DECK

2 ROOF ASSEMBLIES
SCALE: 1 1/2" = 1'-0"

TRUE NORTH

MARLBOROUGH FIRE DISTRICT

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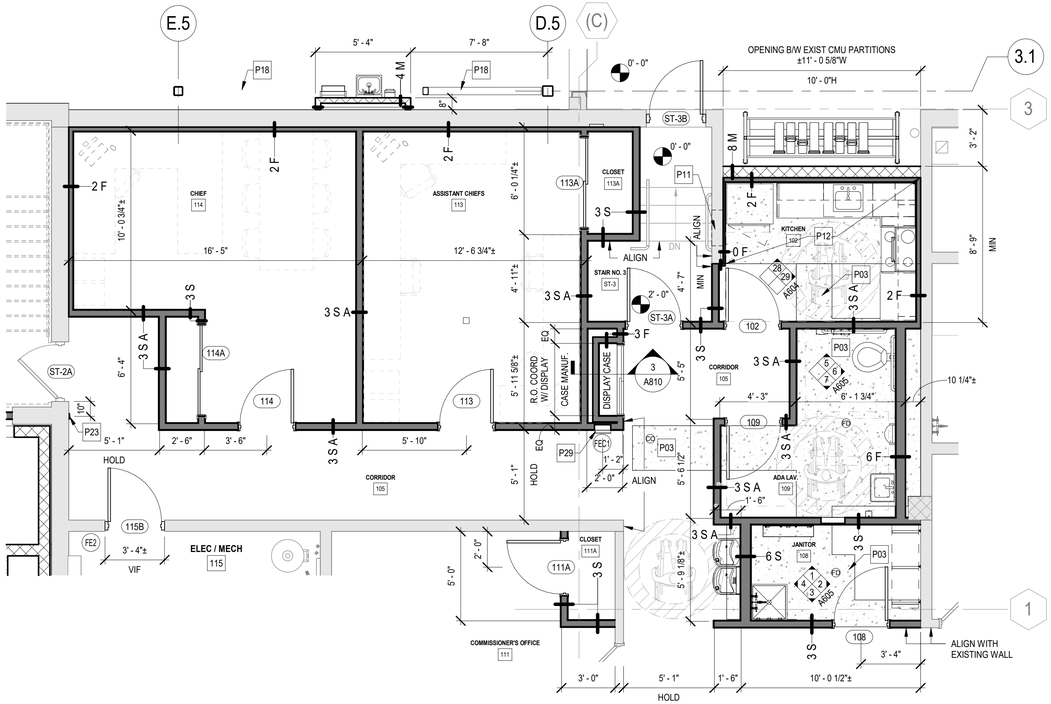
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DWG. TITLE

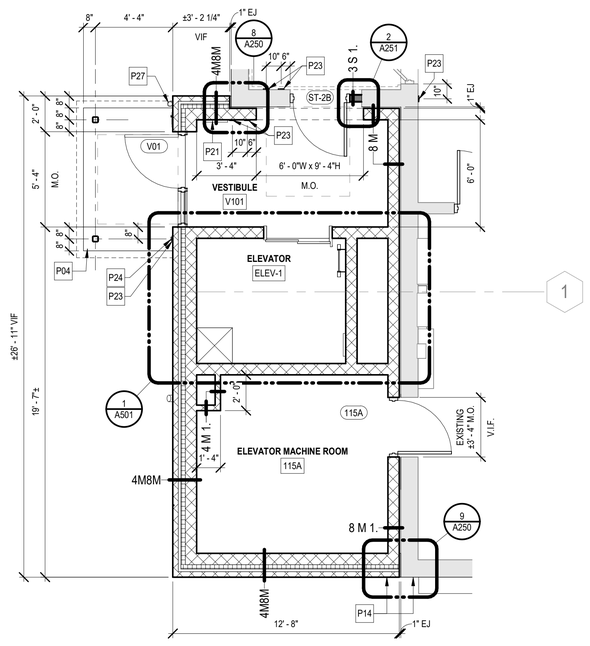
ROOF PLAN

GENERIC SCALE BAR
0 1" 2"
SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING. IF NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY

DATE	06/15/2026
SCALE	As indicated
DWN.	SSS CHK. NM
PROJ. No.	653001
DWG. No.	**A150**

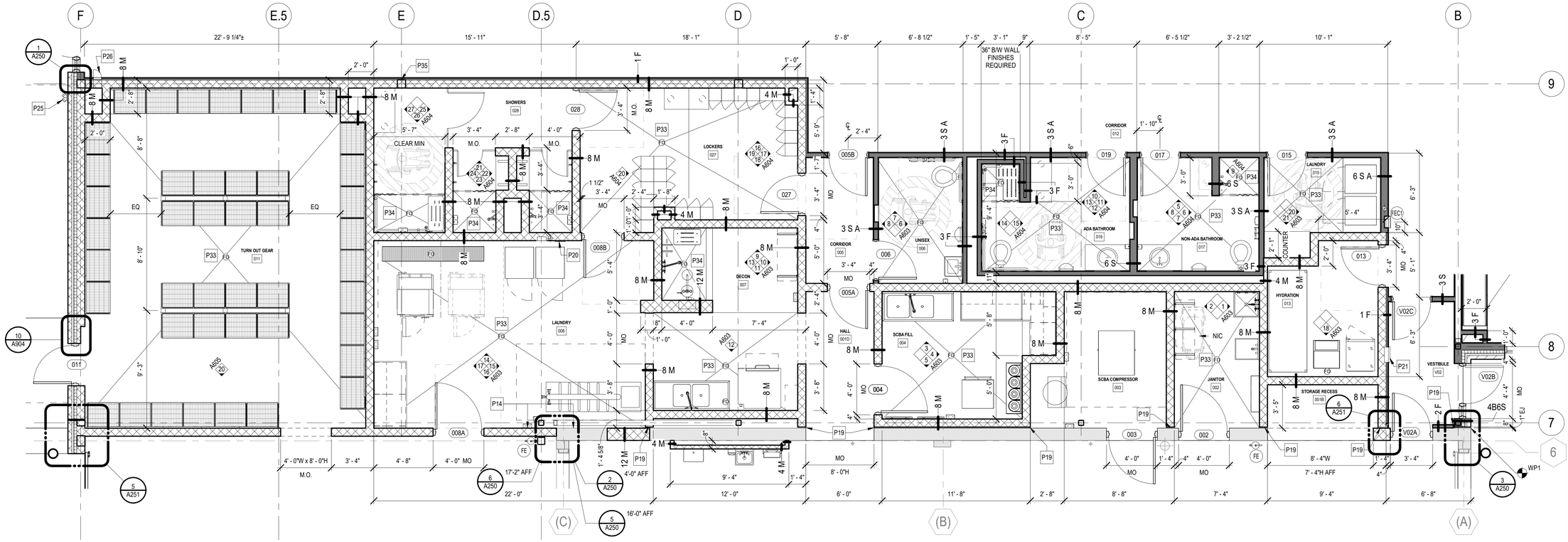


2 ENLARGED PLAN - FIRST FLOOR
SCALE: 1/4" = 1'-0"



3 ENLARGED PLAN
SCALE: 1/4" = 1'-0"

PLAN KEYNOTES	
P03	CONCRETE HATCH DENOTES TRENCHED CONCRETE INFILL EXTENTS, REFER TO PLUMBING AND STRUCTURAL DRAWINGS.
P04	CONCRETE APRON, REFER TO STRUCTURAL DRAWINGS.
P11	AT REMOVED WALL DIFFUSER TOOTH-IN AND INFILL EXISTING OPENING IN MASONRY WALL WITH 8" MASONRY MATCHING EXISTING WALL DEPTH, MATERIAL AND MASONRY PATTERN.
P12	SECTION OF RAISED CONCRETE FLOOR, REFER TO STRUCTURAL DRAWINGS.
P14	ALIGN
P18	CROSS-BRACING, SEE STRUCTURAL DRAWINGS.
P19	1" PRE-COMPRESSED EJ MATERIAL.
P20	REFER TO FFE PLANS FOR DRYER BOX LOCATION AND DETAILING.
P21	WALL MOUNTED HEATER, REFER TO MECHANICAL DRAWINGS.
P23	ADA DOOR ACTUATOR, SEE ELECTRICAL DRAWINGS.
P24	CARD READER, SEE ELECTRICAL DRAWINGS.
P25	FIRE DEPARTMENT CONNECTION, SEE FIRE PROTECTION DRAWINGS.
P26	8"W x 8"H ACCESS PANEL PAINTED TO MATCH WALL. COORDINATE MOUNTING HEIGHT WITH FIRE DEPARTMENT CONNECTION BALL DRIP VALVE LOCATION.
P27	DOWNSPOUT AND DOWNSPOUT BOOT, SEE DETAILS 3, 4 & 5 ON A453
P29	REINSTALL EXISTING FEC.
P33	SLOPE SLAB DOWN TO DRAIN 3/16" PER FOOT.
P34	SLOPE SHOWER SLAB DOWN TO DRAIN.
P35	PAINT COLUMN WITH HPC.



1 ENLARGED PLAN - APPARATUS BAY LEVEL
SCALE: 1/4" = 1'-0"

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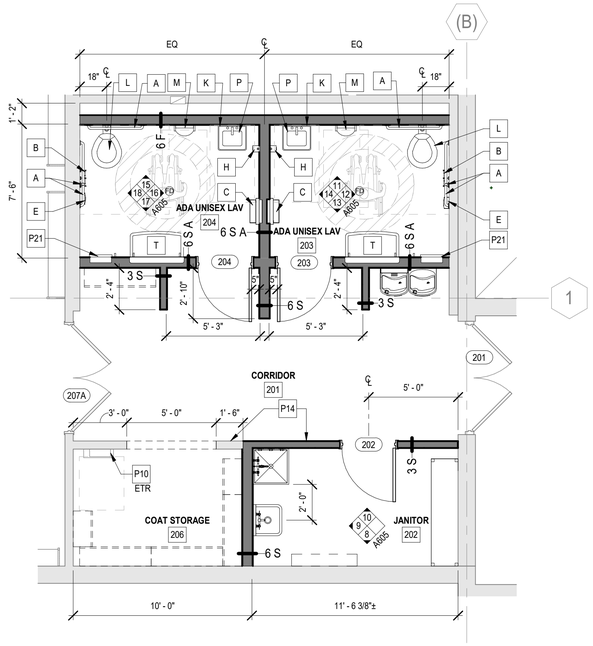
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DWG. TITLE

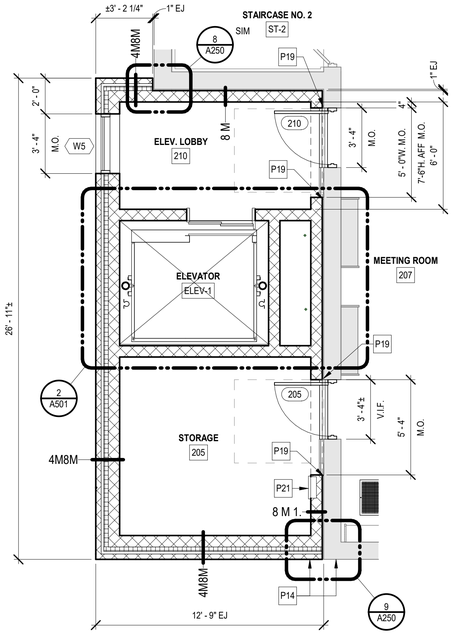
ENLARGED PLANS - FIRST FLOOR AND APPARATUS BAY LEVEL

0 1" 2"
GENERIC SCALE BAR
SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING. IF NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY

DATE	06/15/2026
SCALE	1/4" = 1'-0"
DWN.	SSS CHK. NM
PROJ. No.	653001
DWG. No.	A201



1 ENLARGED PLAN - SECOND FLOOR
SCALE: 1/4" = 1'-0"



2 ENLARGED PLAN
SCALE: 1/4" = 1'-0"

PLAN KEYNOTES

P10	ELECTRICAL PANEL, SEE ELECTRICAL DRAWINGS.
P14	ALIGN
P19	1" PRE-COMPRESSED EJ MATERIAL.
P21	WALL MOUNTED HEATER, REFER TO MECHANICAL DRAWINGS.

ACCESSORY KEYNOTES

A	GRAB BARS, RE: TYPICAL FIXTURE MOUNTING HEIGHTS
B	TOILET PAPER DISPENSER
C	TOWEL DISPENSER & WASTE DISPOSAL - SEMI RECESSED
E	SANITARY DISPOSAL - SURFACE MOUNTED
H	SOAP DISPENSER
K	24" x 36" MIRROR
L	WALL HUNG TOILET - SEE PLUMBING SCHEDULE
M	URINAL - SEE PLUMBING SCHEDULE
P	SINK - SEE PLUMBING SCHEDULE
T	RECESSED BABY CHANGING STATION WITH BAG HOOK

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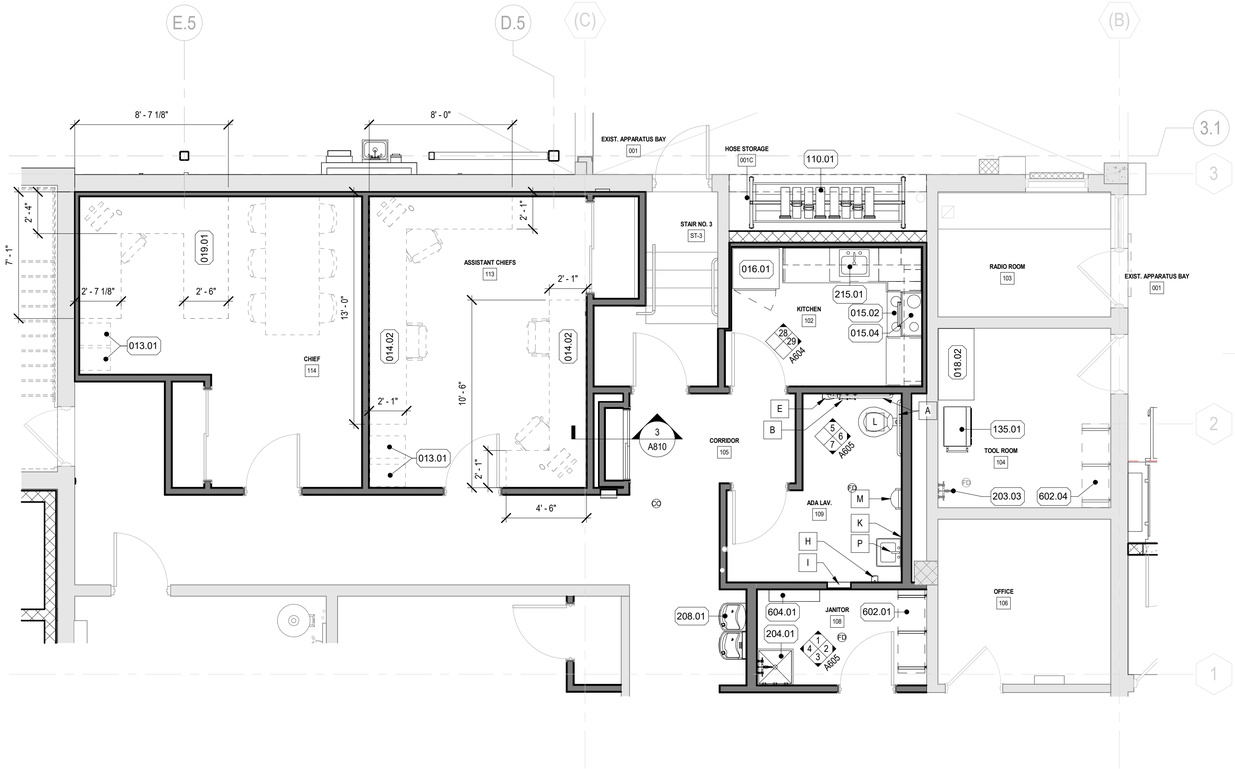
DWG. TITLE

ENLARGED PLANS - SECOND FLOOR

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IF NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY

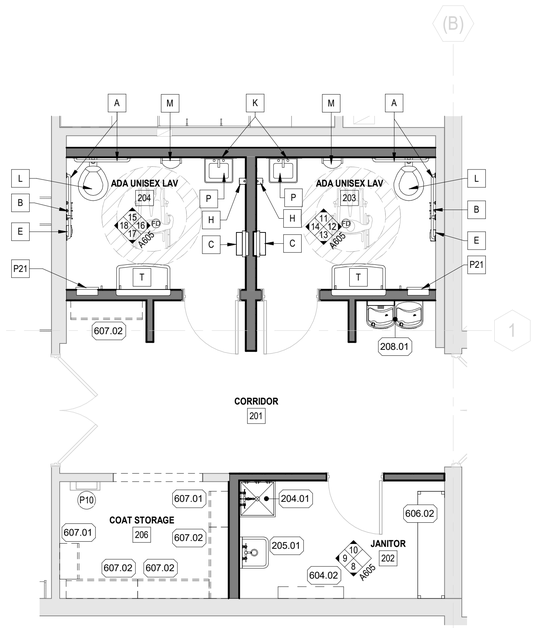
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PROJ. No.	653001
DWG. No.	

A202



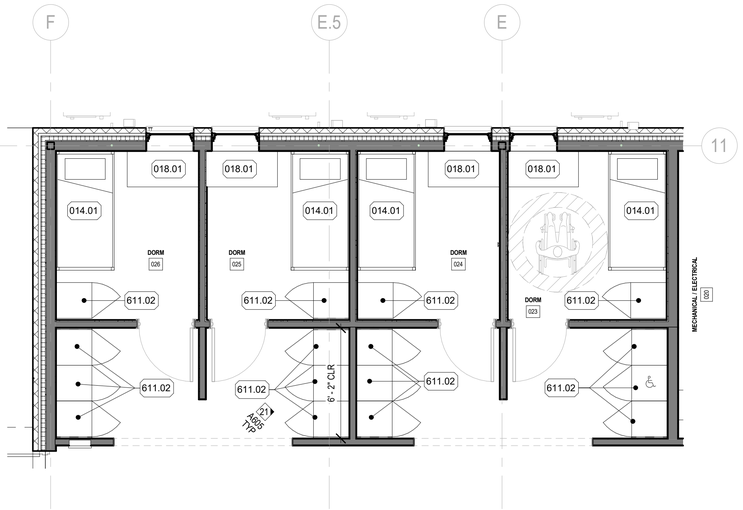
1 ENLARGED FFE PLAN - 102 KITCHEN, 104 TOOL RM, 108 JANITOR, 109 ADA LAV., 113 ASST CHIEFS, 114 CHIEFS

SCALE: 1/4" = 1'-0"



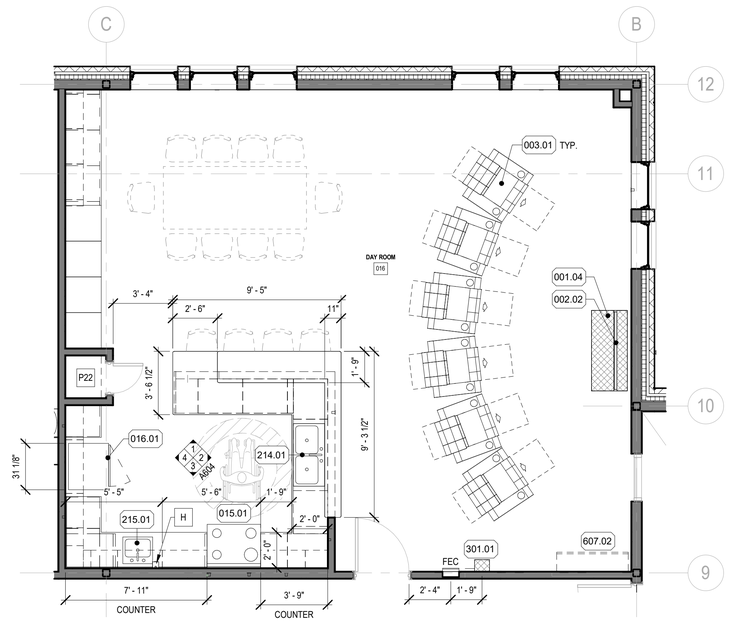
2 ENLARGED FFE PLAN - SECOND FLOOR

SCALE: 1/4" = 1'-0"



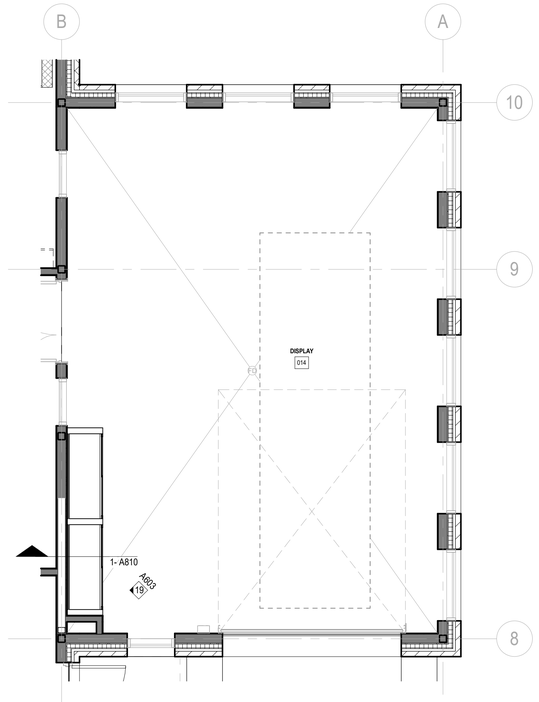
3 ENLARGED FFE PLAN - 023 DORM, 024 DORM, 025 DORM, 026 DORM

SCALE: 1/4" = 1'-0"



4 ENLARGED FFE PLAN - 016 DAY ROOM

SCALE: 1/4" = 1'-0"



5 ENLARGED FFE PLAN - 014 DISPLAY

SCALE: 1/4" = 1'-0"

EQUIPMENT

MARK	DESCRIPTION
001.04	EXISTING TV STAND
002.01	EMERGENCY RESPONDER SYSTEM MONITOR
002.02	EXISTING TV MONITOR
003.01	RECLINER
013.01	2-DRAWER FILE CABINET
014.01	BED-BUNK
014.02	DESK
015.01	36" GAS RANGE & GRIDDLE WITH OVEN.
015.02	REINSTALL EXISTING GAS RANGE
015.04	REINSTALL EXISTING OVER THE RANGE MICROWAVE
016.01	REFRIGERATOR
018.01	PLACEHOLDER DESK
018.02	EXISTING WORK BENCH
019.01	DESK
110.01	MOBILE HOSE RACK, 3 TIERS, 104" (L) x 87" (H) x 34" (W)
135.01	EXISTING TOOL BOX TO BE RELOCATED
203.03	EXISTING FAUCET
204.01	24"x24" MOP BASIN WITH SERVICE FAUCET AND HOOK STAINLESS STEEL MOP HOLDER AND (2) WALL GUARDS
205.01	WALL HUNG SERVICE SINK
208.01	BOTTLE FILLER / WATER COOLER
214.01	SINK: DOUBLE BASIN
215.01	SINK
301.01	EXISTING SCANNER WITH EXISTING WALL MOUNTED BRACKETS.
602.01	WALL MOUNTED SHELVING WITH STANDARDS AND BRACKETS
602.04	EXISTING SHELVING UNIT
604.01	UTILITY SHELF W/4 HOOKS 3 HOLDERS (34" W)
604.02	UTILITY SHELF W/5 HOOKS 4 HOLDERS 44" W
606.02	FREE STANDING SHELVING
607.01	24" WALL MOUNTED COAT RACK
607.02	48" WALL MOUNTED COAT RACK
611.02	PHENOLIC SINGLE TIER BUNK ROOM LOCKER WITH LOCKABLE CABINET (24"W x 24"D x 72"H)

ACCESSORY KEYNOTES

A	GRAB BARS, RE: TYPICAL FIXTURE MOUNTING HEIGHTS
B	TOILET PAPER DISPENSER
C	TOWEL DISPENSER & WASTE DISPOSAL - SEMI RECESSED
E	SANITARY DISPOSAL - SURFACE MOUNTED
H	SOAP DISPENSER
I	TOWEL DISPENSER & WASTE DISPOSAL - RECESSED
K	24" x 36" MIRROR
L	WALL HUNG TOILET - SEE PLUMBING SCHEDULE
M	URINAL - SEE PLUMBING SCHEDULE
P	SINK - SEE PLUMBING SCHEDULE
T	RECESSED BABY CHANGING STATION WITH BAG HOOK

PLAN KEYNOTES

P10	ELECTRICAL PANEL, SEE ELECTRICAL DRAWINGS.
P21	WALL MOUNTED HEATER, REFER TO MECHANICAL DRAWINGS.
P22	(4) 24" DEEP PLASTIC LAMINATE SHELFS MOUNTED 18" O.C. VERTICALLY.

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DWG. TITLE

ENLARGED FF&E PLANS

0 1" 2"

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SCALE	1/4" = 1'-0"
DWN.	SSS
CHK.	NM
PROJ. No.	653001
DWG. No.	A203

EQUIPMENT

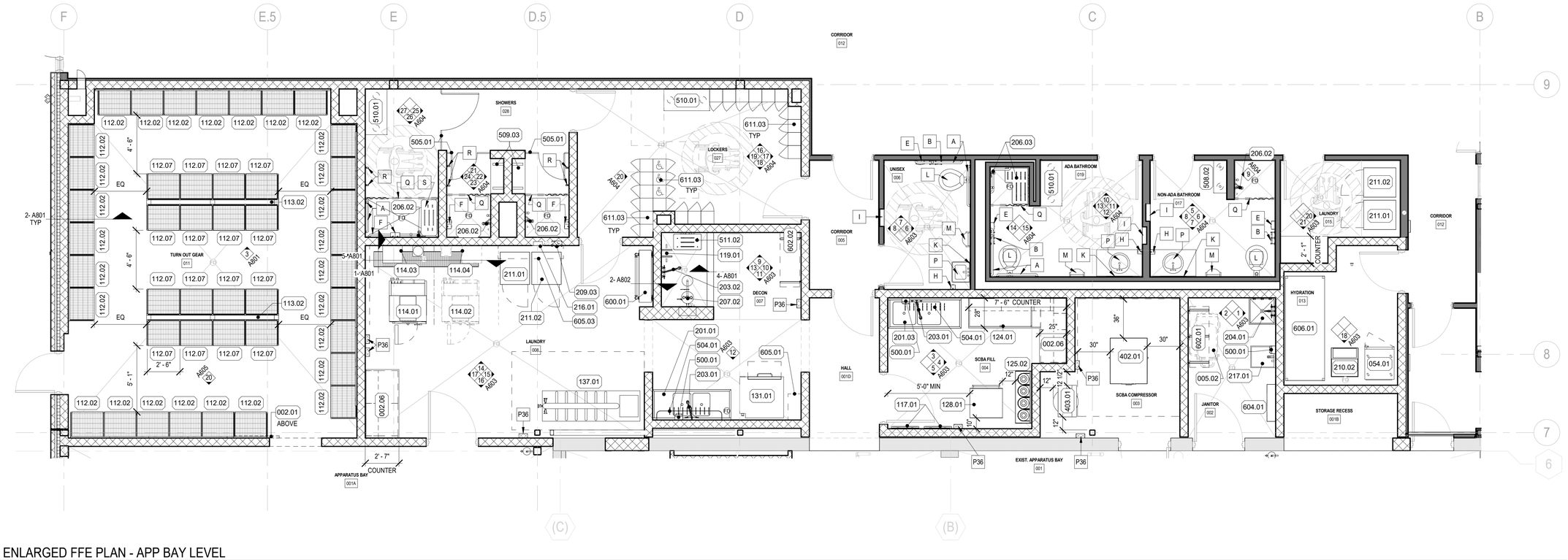
MARK	DESCRIPTION
002.01	EMERGENCY RESPONDER SYSTEM MONITOR
002.06	SST CABINETRY & COUNTER
005.02	WALK-BEHIND FLOOR SCRUBBER
054.01	REACH-IN SWING DOOR REFRIGERATOR
112.02	30" X 24" WALL MOUNTED LOCKER
112.07	30" W x 24" WALL MOUNTED LOCKER ATTACHED TO (113.02) GEAR LOCKER SUPPORT
113.02	GEAR LOCKER SUPPORT: BLACK
114.01	EXISTING 50LB EXTRACTOR
114.02	FUTURE 65LB EXTRACTOR, NIC
114.03	EXISTING GEAR WASH SOAP SYSTEM
114.04	FUTURE GEAR WASH SOAP SYSTEM
117.01	PANEL TO HOUSE SCBA PACKS (25 1/4"H x 72"W)
119.01	ANGLE BRACKETS
124.01	BUILT IN SCBA BOTTLE STORAGE RACK FOR (18) AIR BOTTLES
125.02	SCBA CASCADE - 4 TANKS
128.01	EXISTING SCBA FILL
131.01	SCBA MASK, BOTTLE AND GLOVE SANITIZER
137.01	EXISTING TURNOUT GEAR DRYER
201.01	TWO BASIN SINK W/ DRAINBOARDS ON EACH SIDE (72"L x 28"D)
201.03	TWO BASIN SINK W/ DRAIN BOARD ON RIGHT SIDE (67"L x 28"D)
203.01	T&S HEAVY DUTY PRE-RINSE FAUCET
203.02	T&S HEAVY DUTY MIXING FAUCET WITH 72" FLEXIBLE STEEL HOSE AND HIGH FLOOW SPRAY VALVE
204.01	24"x24" MOP BASIN WITH SERVICE FAUCET AND HOOK STAINLESS STEEL MOP HOLDER AND (2) WALL GUARDS
206.02	RECESS-MOUNTED ADA COMPLIANT WALL SHOWER WITH RECESSED SOAP DISH

EQUIPMENT

MARK	DESCRIPTION
206.03	ADA COMPLIANT IN-WALL SHOWER WITH ADA GRAB BARS, ADA COMPLIANT SHOWER SEAT AND RECESSED SOAP DISH
207.02	EYE WASH & EMERGENCY SHOWER
209.03	METAL DRYER VENT BOX (12 1/2"W x 21"H x 5 1/4"D)
210.02	EXISTING ICE MAKER
211.01	FRONT LOAD WASHER
211.02	FRONT LOAD DRYER
216.01	VALVE BOX
217.01	REINSTALL EXISTING LAUNDRY STYLE SINK W/ FACUET FROM APP BAY IN JANITOR ROOM 002.
402.01	HIGH PRESSURE COMPRESSOR
403.01	EXISTING HOUSE AIR COMPRESSOR
500.01	SOAP DISPENSER
504.01	SST BAR POT RACK (65" WIDE)
505.01	PHENOLIC PARTITION WITH DOOR
508.02	PEDESTAL BENCH
509.03	WALL MOUNTED BENCH
510.01	PHENOLIC PEDESTAL ADA BENCH WITHOUT BACK SUPPORT
511.02	PHENOLIC FOLDING SEAT
600.01	CUSTOM HEAVY DUTY GEAR DRYING RACK (4'-0")
602.01	WALL MOUNTED SHELVING WITH STANDARDS AND BRACKETS
602.02	WALL MOUNTED SHELVING - 4 SHELVES (18"D x 4'-2"W) WITH (2) UPRIGHTS AT 6'-0"H
604.01	UTILITY SHELF W/4 HOOKS 3 HOLDERS (34" W)
605.01	STAINLESS STEELSHELF (12"D x 24"L)
605.03	STAINLESS STEEL SHELF (12"D x 60"L)
606.01	STORAGE RACK (96"X36"X72")
611.03	PHENOLIC LOCKER (12"X12")

ACCESSORY KEYNOTES

A	GRAB BARS, RE: TYPICAL FIXTURE MOUNTING HEIGHTS
B	TOILET PAPER DISPENSER
E	SANITARY DISPOSAL - SURFACE MOUNTED
F	SHAMPOO & BODY WASH COMBO DISPENSER
H	SOAP DISPENSER
I	TOWEL DISPENSER & WASTE DISPOSAL - RECESSED
K	24" x 36" MIRROR
L	WALL HUNG TOILET - SEE PLUMBING SCHEDULE
M	URINAL - SEE PLUMBING SCHEDULE
P	SINK - SEE PLUMBING SCHEDULE
Q	SHOWER CURTAIN WITH ROD AND HOOKS
R	ROBE/TOWEL HOOKS
S	FOLDING SHOWER SEAT MOUNTED PER ADA REQUIREMENTS



1 ENLARGED FFE PLAN - APP BAY LEVEL

SCALE: 1/4" = 1'-0"

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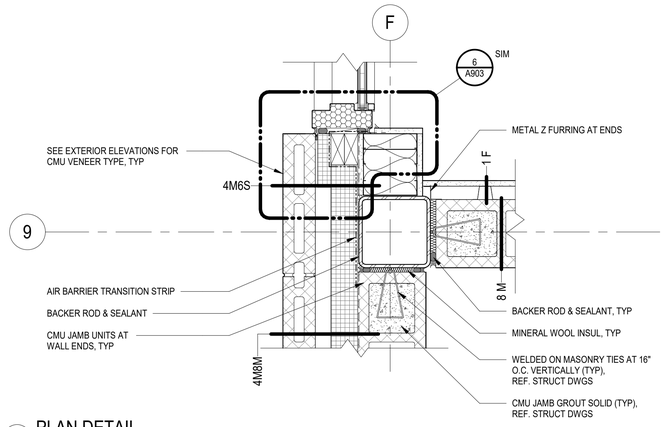
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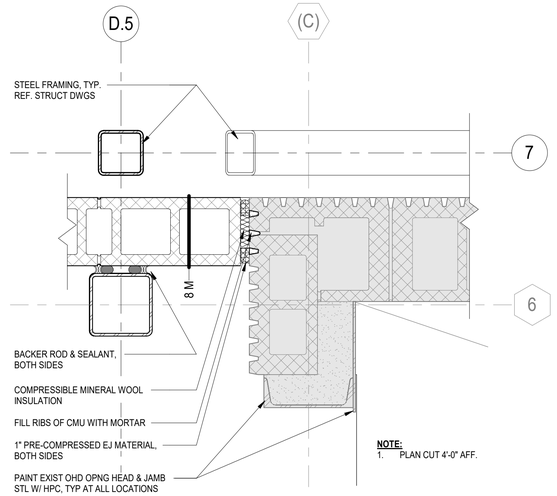
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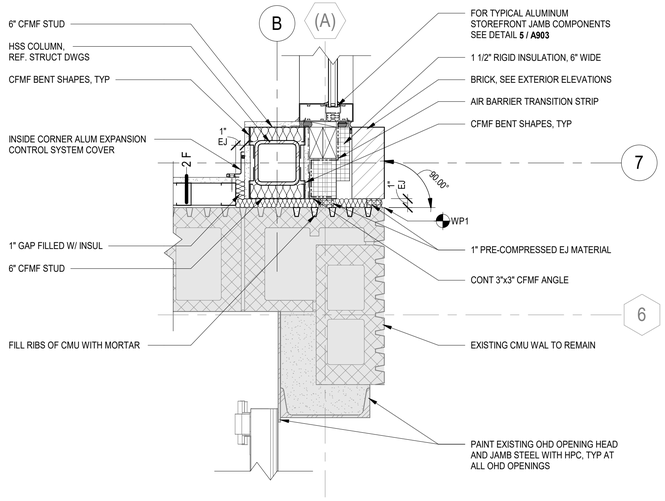
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CHK.	NM
PROJ. No.	653001
DWG. No.	A204



1 PLAN DETAIL
SCALE: 1 1/2" = 1'-0"



2 PLAN DETAIL
SCALE: 1 1/2" = 1'-0"



3 PLAN DETAIL
SCALE: 1 1/2" = 1'-0"

4 PLAN DETAIL
SCALE: 1 1/2" = 1'-0"

5 PLAN DETAIL
SCALE: 1 1/2" = 1'-0"

6 PLAN DETAIL
SCALE: 1 1/2" = 1'-0"

7 PLAN DETAIL
SCALE: 1 1/2" = 1'-0"

8 PLAN DETAIL
SCALE: 1 1/2" = 1'-0"

9 PLAN DETAIL
SCALE: 1 1/2" = 1'-0"

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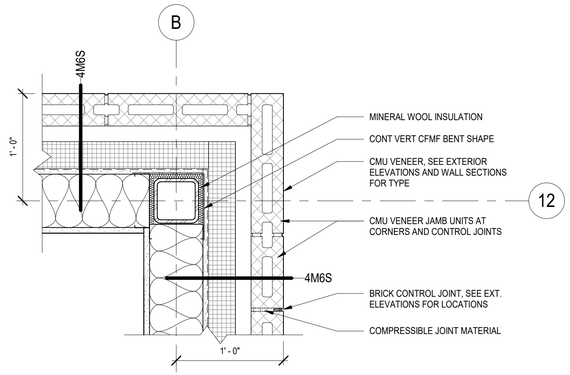
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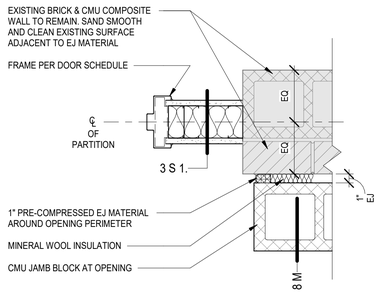
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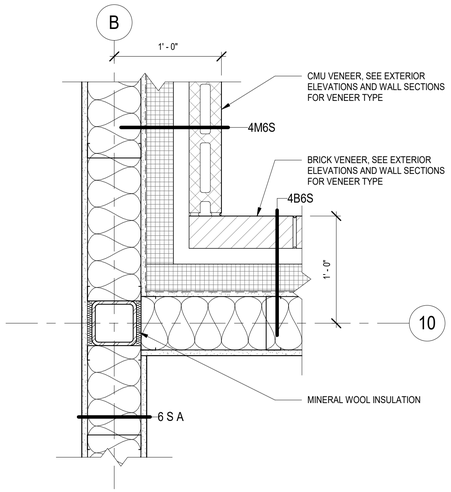
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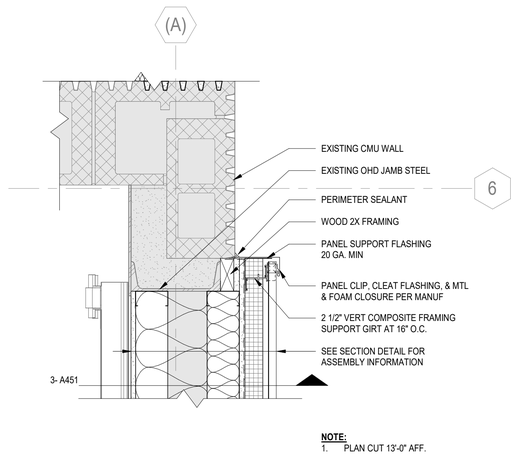
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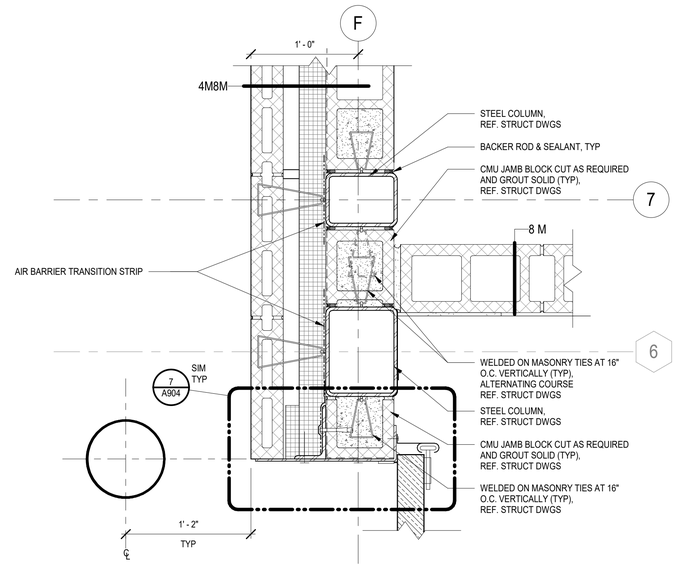


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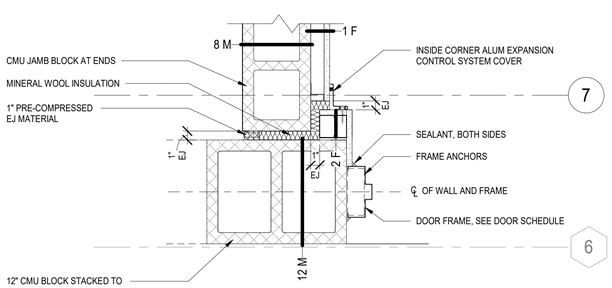


NOTE:
1. PLAN CUT 13'-0" AFF.

4 PLAN DETAIL
SCALE: 1 1/2" = 1'-0"



5 PLAN DETAIL
SCALE: 1 1/2" = 1'-0"



6 PLAN DETAIL
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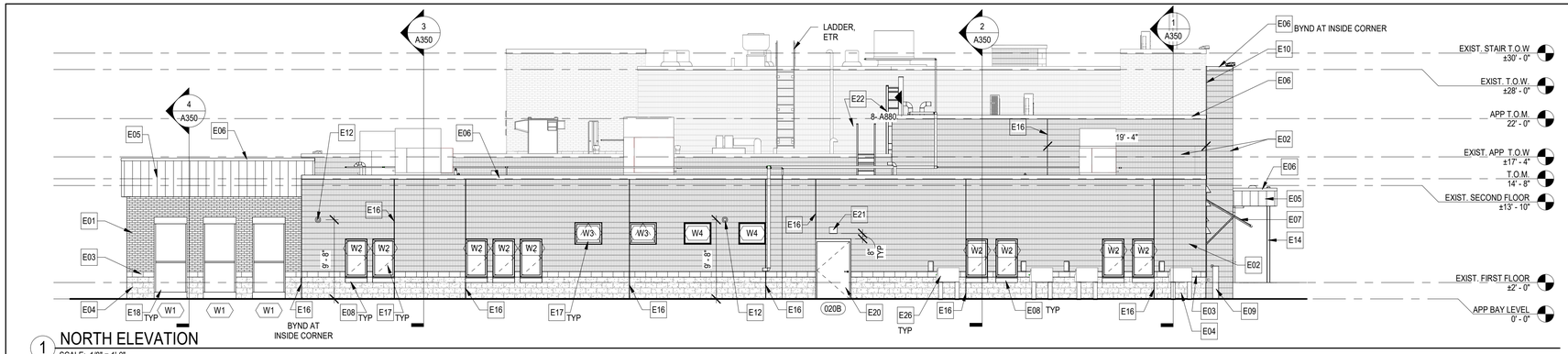
DWG. TITLE

PLAN DETAILS

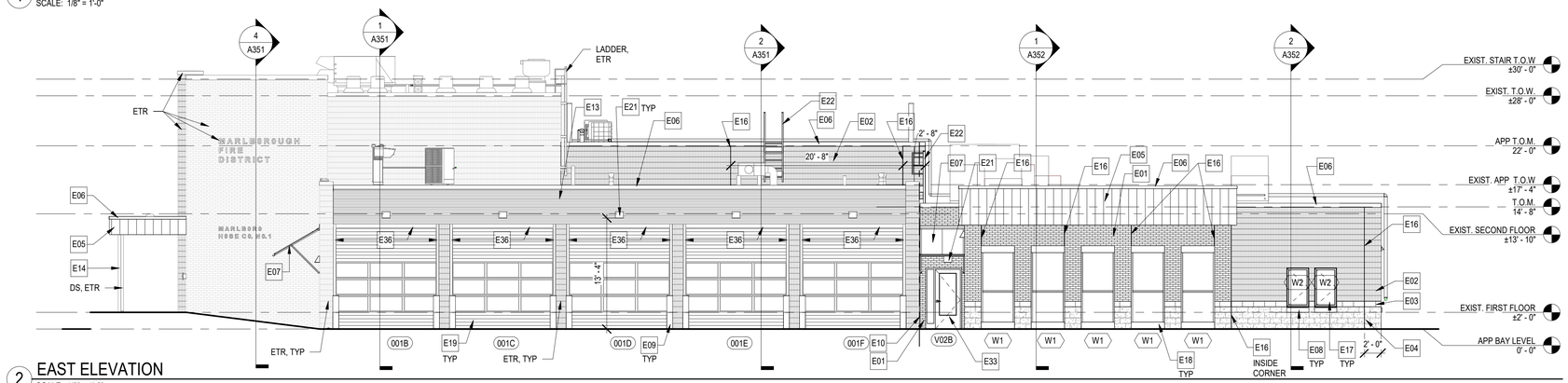
0 1" 2"
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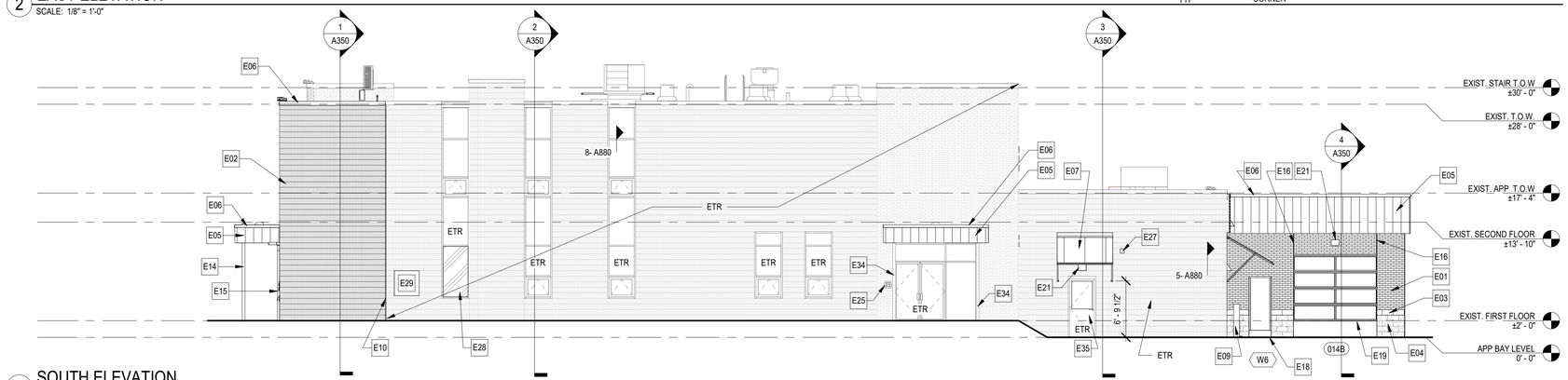
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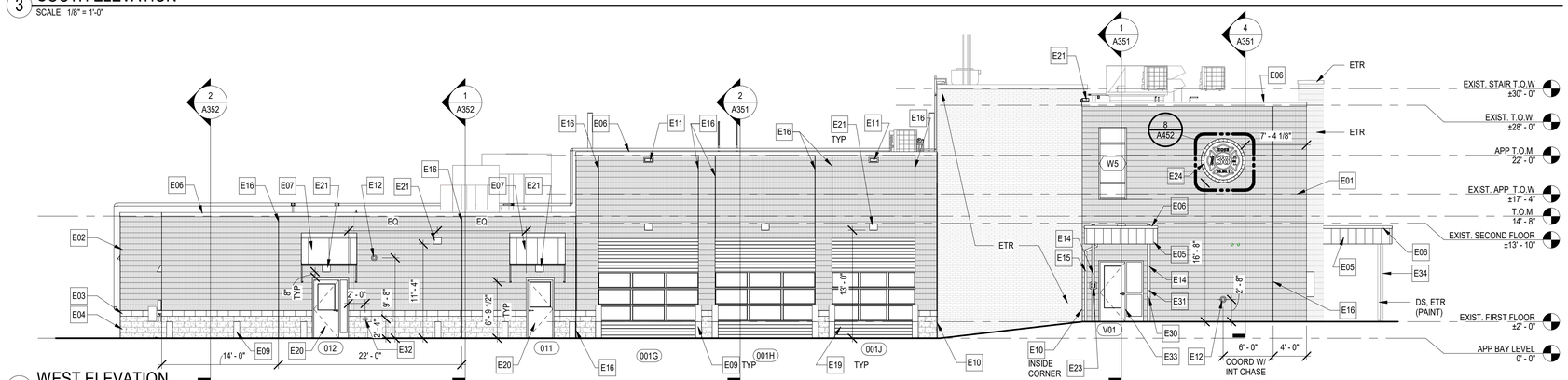
1 NORTH ELEVATION
SCALE: 1/8" = 1'-0"



2 EAST ELEVATION
SCALE: 1/8" = 1'-0"



3 SOUTH ELEVATION
SCALE: 1/8" = 1'-0"



4 WEST ELEVATION
SCALE: 1/8" = 1'-0"

GENERAL ELEVATION NOTES:

1. ALL EXISTING MASONRY EXPANSION / CONTROL JOINTS TO BE REPLACED.
2. EXISTING CMU TO BE CLEANED

EXTERIOR ELEVATION KEYNOTES

E01	MODULAR BRICK VENEER
E02	SCORED SPLIT-FACE CMU VENEER
E03	GROUND FACE CMU VENEER WATERTABLE
E04	SPLIT-FACE CMU VENEER
E05	VERTICAL METAL WALL PANEL (TYPE 1)
E06	PRE-FINISHED METAL ROOF EDGE
E07	STANDING SEAM METAL ROOF AWNING
E08	CAST STONE WINDOW SILL
E09	PIPE BOLLARD, REFER TO STRUCTURAL DRAWINGS
E10	PRE-COMPRESSED EXPANSION JOINT MATERIAL
E11	PRE-FINISHED THRU WALL OVERFLOW SCUPPER
E12	PRE-FINISHED OVERFLOW OUTLET NOZZLE, REF. PLUMBING DRAWINGS.
E13	HORIZONTAL METAL WALL PANEL (TYPE 2)
E14	STEEL COLUMN PAINT WITH HPC
E15	PRE-FINISHED METAL DOWNSPOUT TO STORM SEWER
E16	CONTROL JOINT
E17	WOOD WINDOW UNIT, METAL-CLAD
E18	ALUMINUM STOREFRONT SYSTEM
E19	STEEL SECTIONAL OVERHEAD DOOR
E20	FRP DOOR AND FRAME, SEE DOOR SCHEDULE.
E21	LIGHT FIXTURE, REFER TO ELECTRICAL DRAWINGS
E22	PRE-FABRICATED LOW PARAPET ROOF ACCESS LADDER WITH RAIL EXTENSIONS
E23	REINSTALLL EXISTING KNOX BOX
E24	DECORATIVE STONE MEDALLION
E25	EXISTING KNOX BOX TO REMAIN
E26	HEAT PUMP AND DISCONNECT SWITCH, SEE MECHANICAL DRAWINGS.
E27	COVER PLATE, SEE ELECTRICAL DRAWINGS.
E28	2" INSULATED METAL PANEL INSTALLED WITHIN EXISTING WINDOW FRAME.
E29	ELECTRICAL PANEL, SEE ELECTRICAL DRAWINGS.
E30	ADA DOOR ACTUATOR, SEE ELECTRICAL DRAWINGS.
E31	CARD READER, SEE ELECTRICAL DRAWINGS.
E32	FIRE DEPARTMENT CONNNECTION, SEE FIRE PROTECTION DRAWINGS.
E33	ALUMINUM STOREFRONT ENTRANCE SYSTEM, SEE DOOR SCHEDULE.
E34	PAINT EXISTING STEEL COLUMN WITH HPC
E35	PAINT EXISTING DOOR AND FRAME
E36	PAINT EXISTING JAMB AND HEAD STEEL WITH HPC, TYPICAL.

MARLBOROUGH FIRE DISTRICT

MARLBORO HOSE CO. NO. 1
14 GRAND STREET,
MARLBORO, NY 12542

MARLBOROUGH FIRE STATION ADDITIONS AND RENOVATION

CONSTRUCTION DOCUMENTS

wendel

Centerpointe Corporate Park
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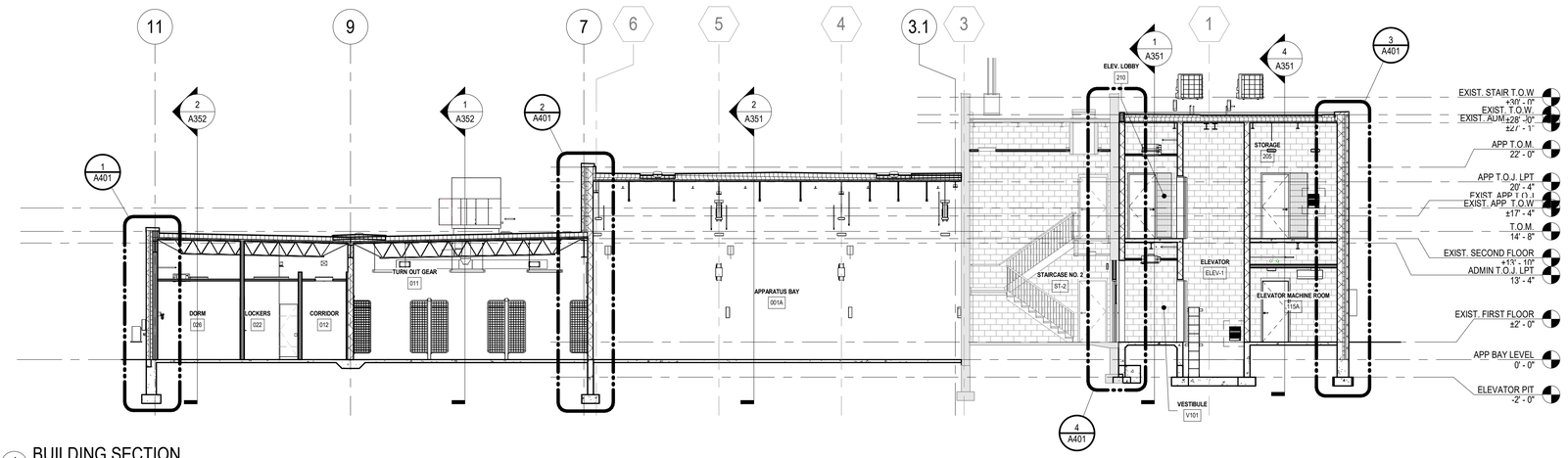
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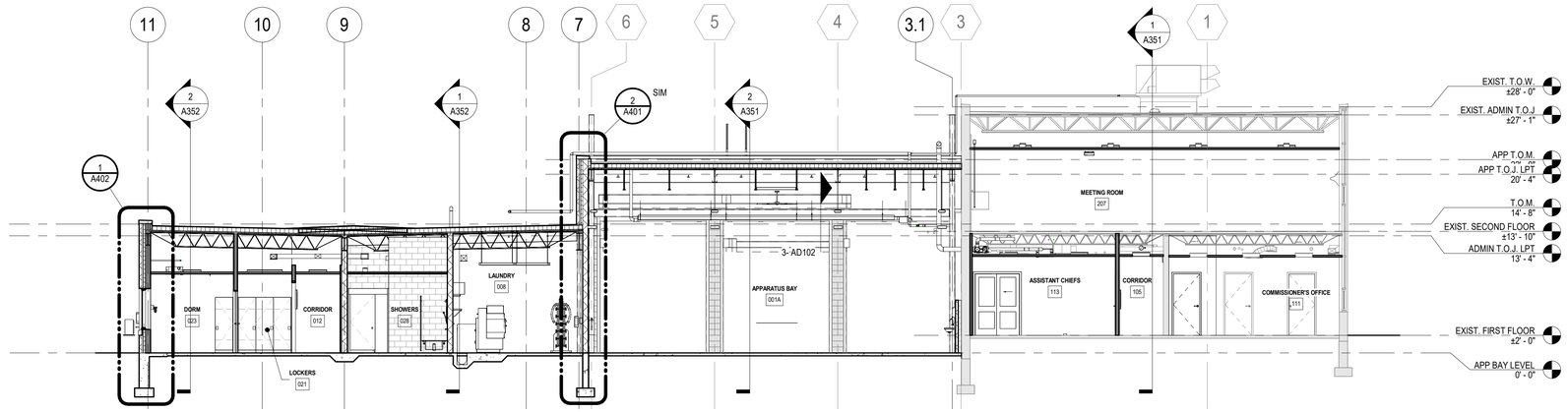
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SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING. IF NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY

DATE	06/15/2026
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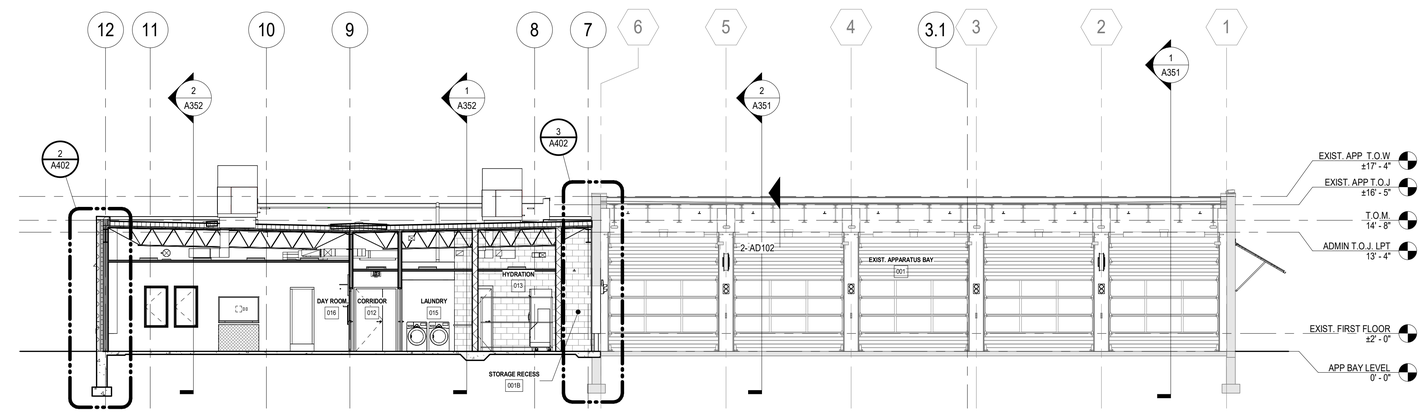
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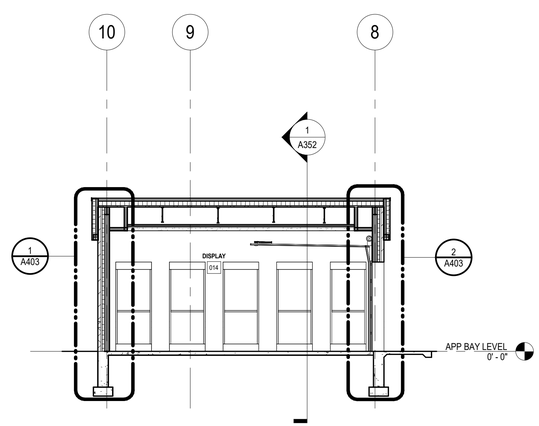
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SCALE: 1/8" = 1'-0"



2 BUILDING SECTION
SCALE: 1/8" = 1'-0"



3 BUILDING SECTION
SCALE: 1/8" = 1'-0"



4 BUILDING SECTION
SCALE: 1/8" = 1'-0"

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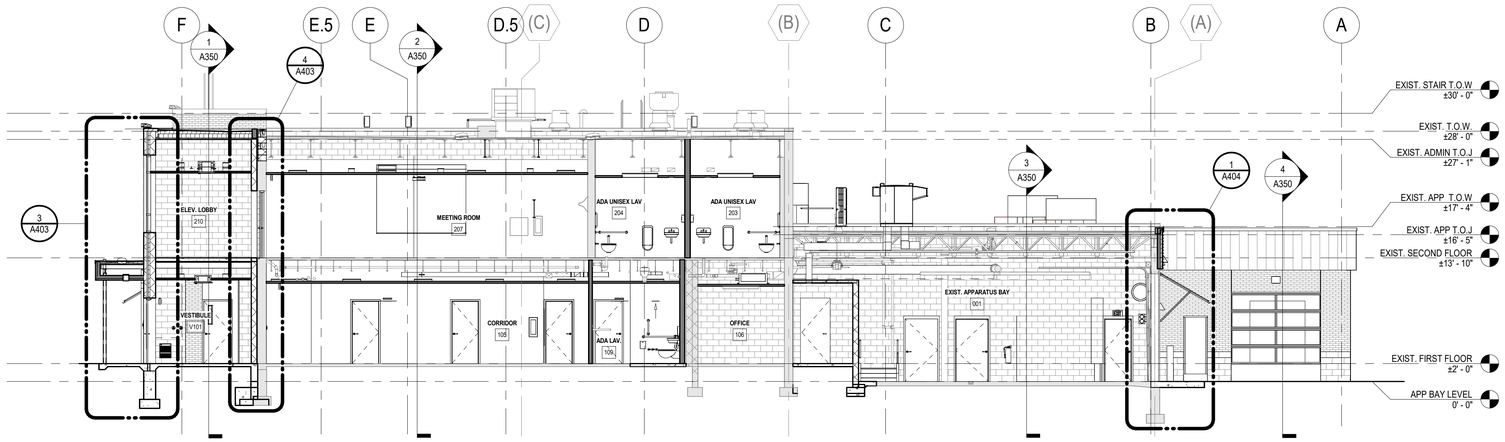
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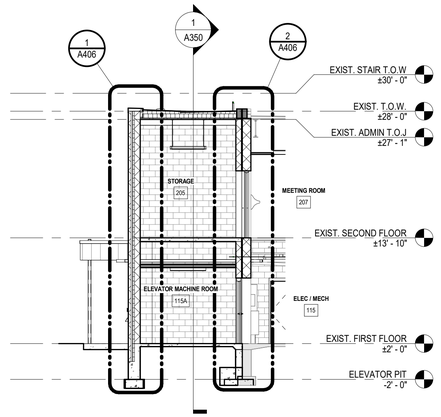
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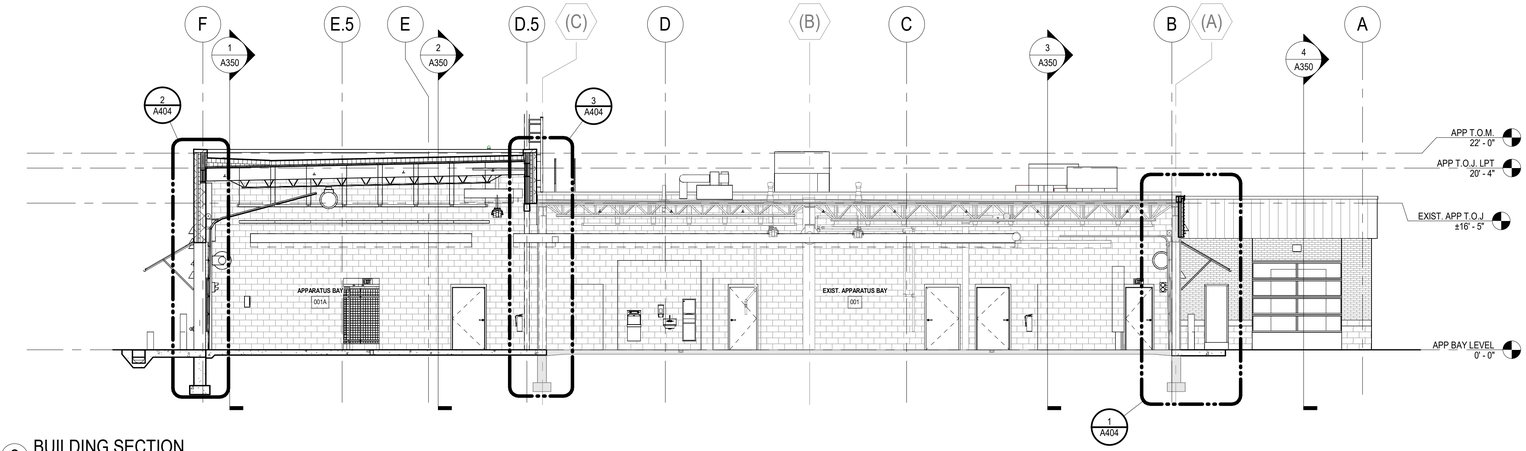
A350



1 BUILDING SECTION
SCALE: 1/8" = 1'-0"



4 BUILDING SECTION
SCALE: 1/8" = 1'-0"



2 BUILDING SECTION
SCALE: 1/8" = 1'-0"

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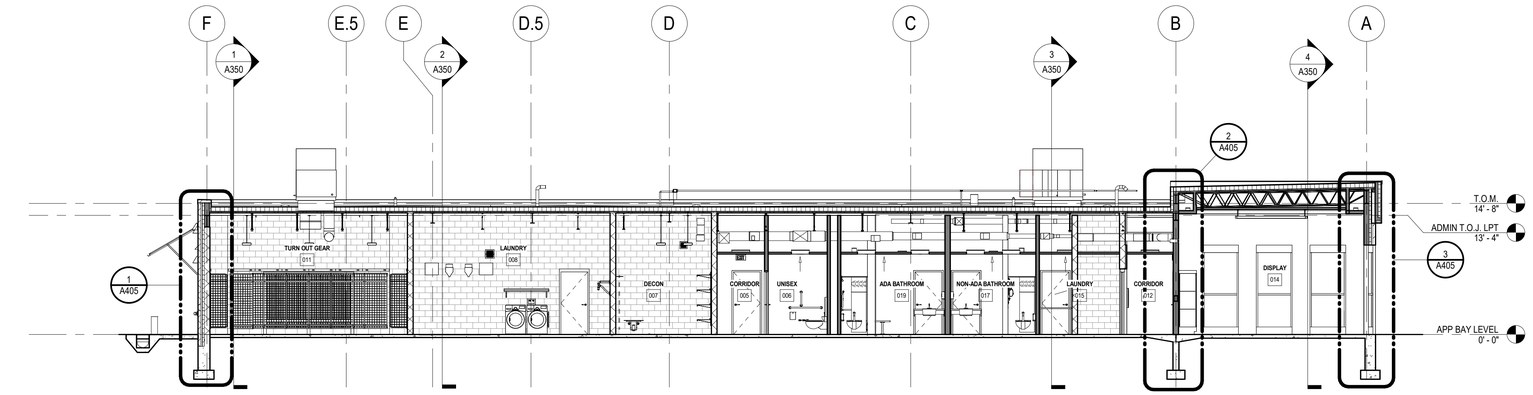
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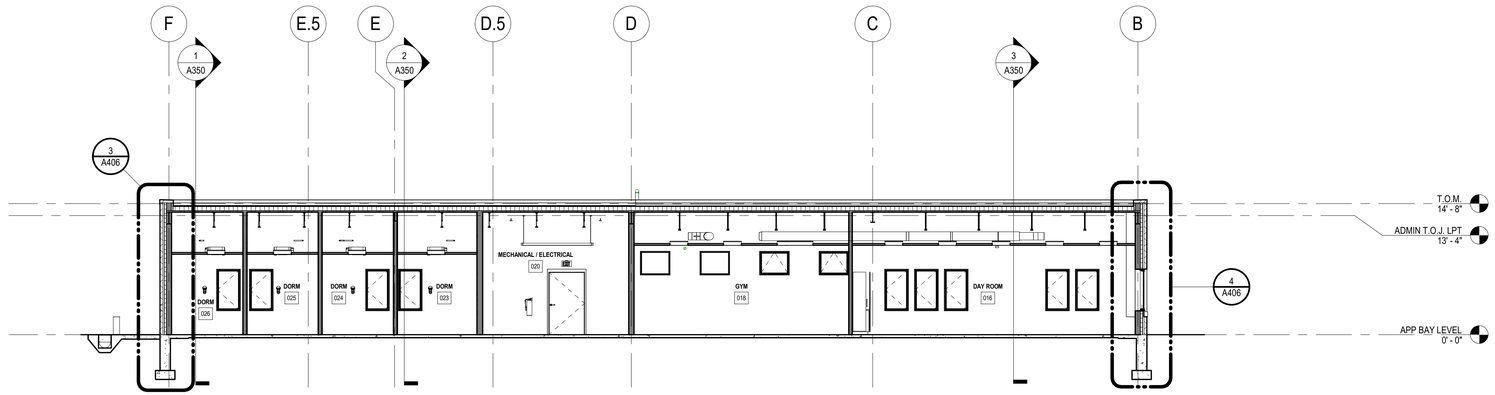
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DATE	06/15/2026
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DWN.	SSS
CHK.	NM
PROJ. No.	653001
DWG. No.	A351



1 BUILDING SECTION
SCALE: 1/8" = 1'-0"



2 BUILDING SECTION
SCALE: 1/8" = 1'-0"

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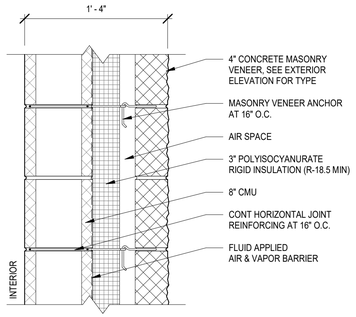
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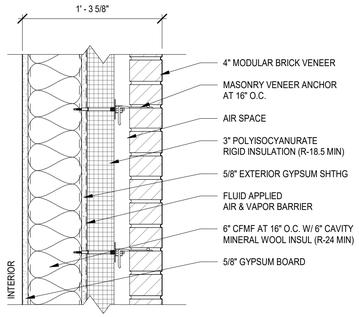
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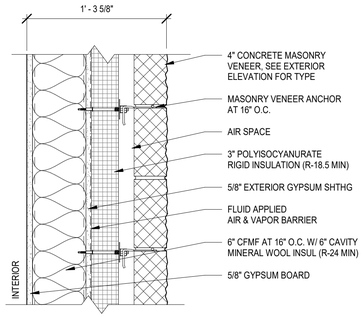
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4M 8M
(U-0.044 / R-18.5 C.I.)



4B 6S
(U-0.032 / R-24 + R-18.5 C.I.)

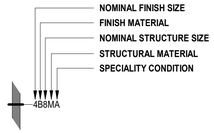


4M 6S
(U-0.032 / R-24 + R-18.5 C.I.)

1 EXTERIOR WALL TYPES

SCALE: 1 1/2" = 1'-0"

EXTERIOR WALL TYPE SYMBOL



EXTERIOR FINISH MATERIAL TYPE:
B - BRICK
M - CONCRETE MASONRY VENEER
P - PRE-FINISHED METAL PANEL

STRUCTURE MATERIAL TYPE:
S - METAL STUD
M - CONCRETE MASONRY UNITS
C - CAST IN PLACE CONCRETE
PC - PRECAST CONCRETE
MB - PRE-ENGINEERED METAL BUILDING SYSTEM
W - WOOD STUD

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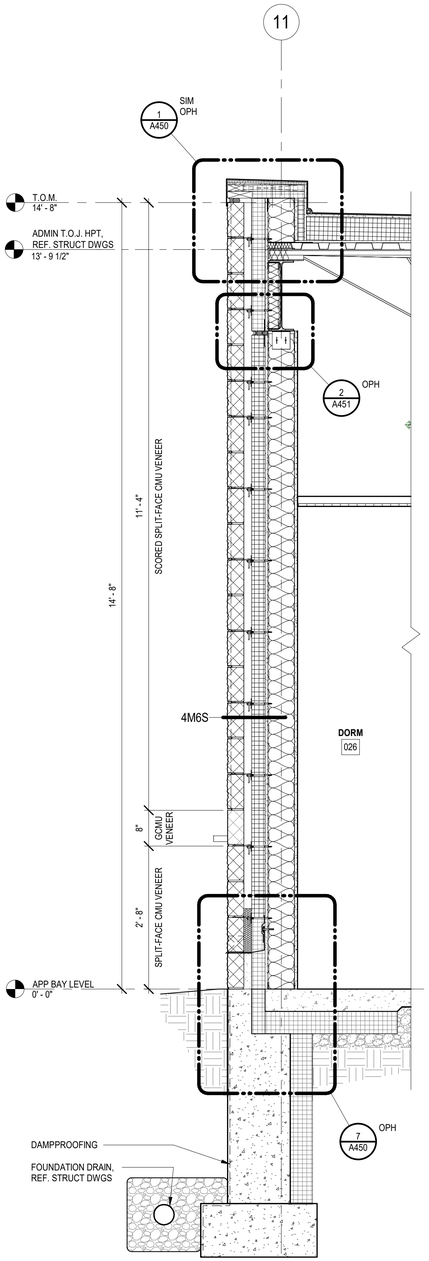
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EXTERIOR WALL TYPES

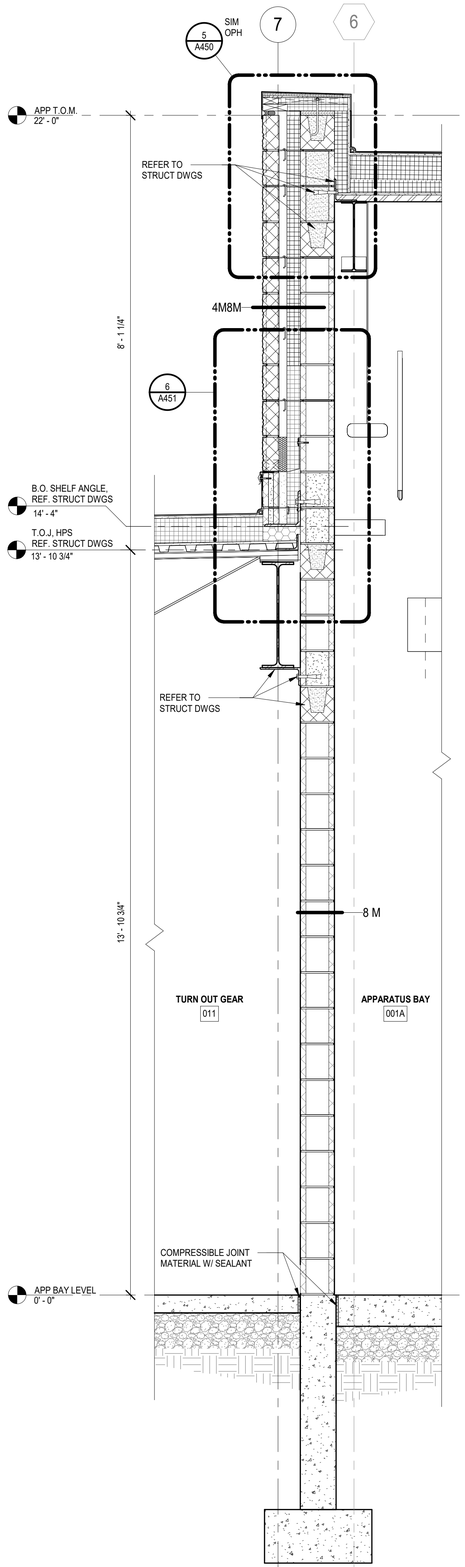
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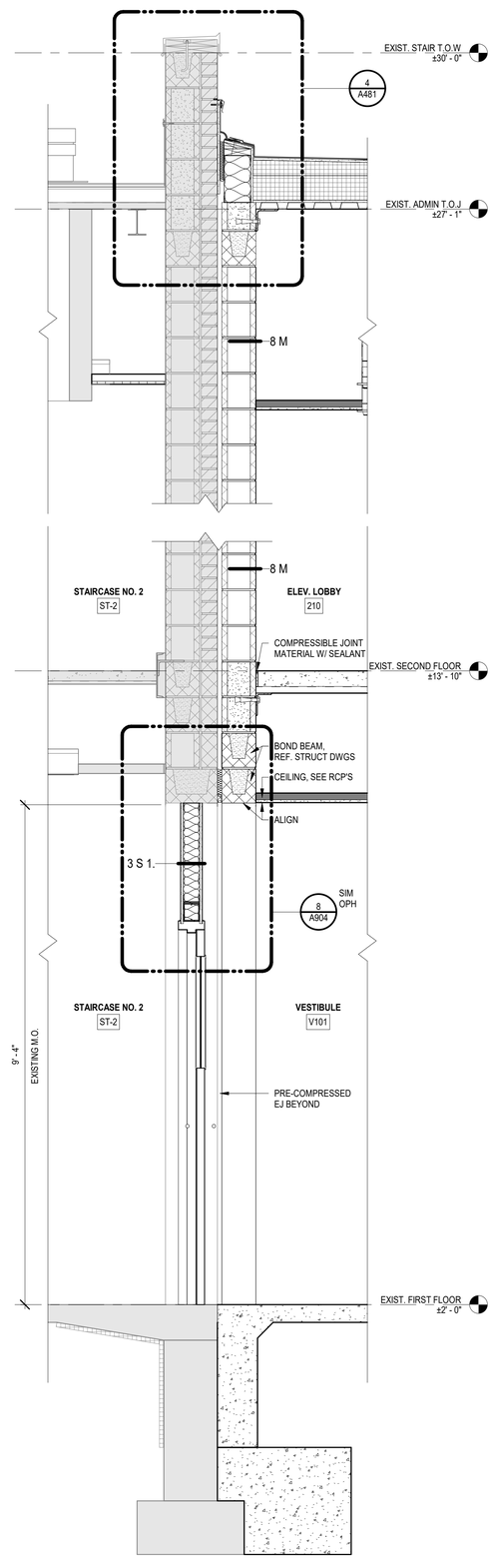
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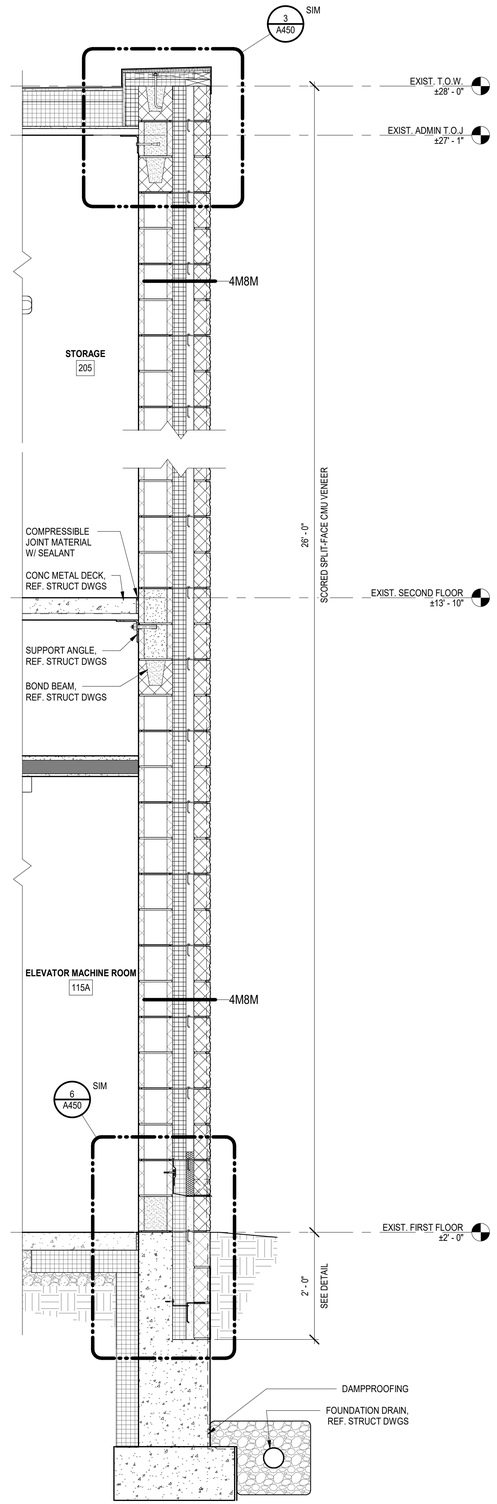
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2 WALL SECTION
SCALE: 3/4" = 1'-0"



4 WALL SECTION
SCALE: 3/4" = 1'-0"



3 WALL SECTION
SCALE: 3/4" = 1'-0"

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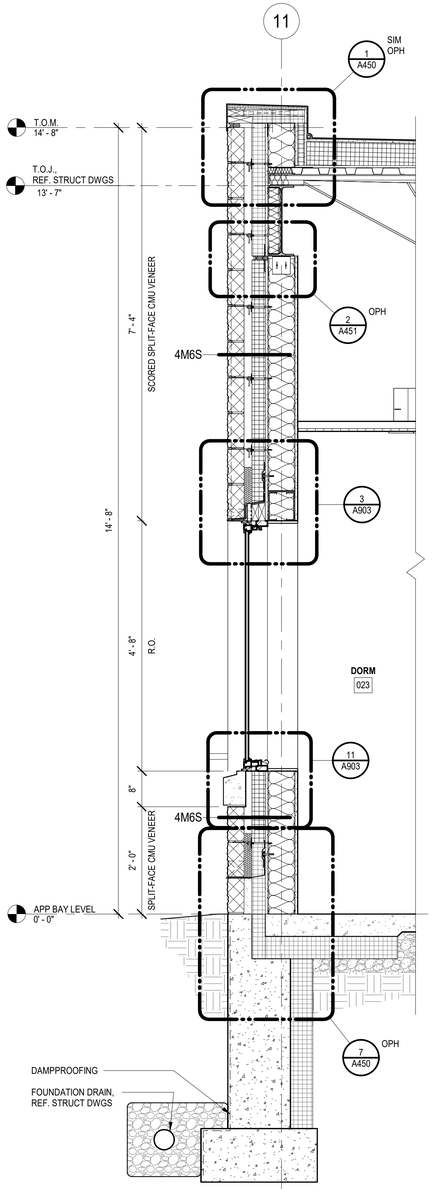
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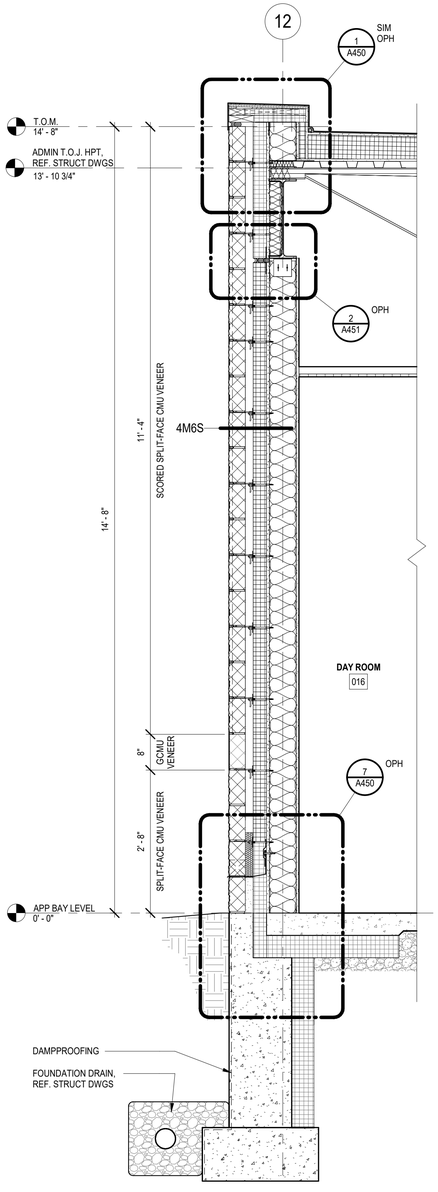
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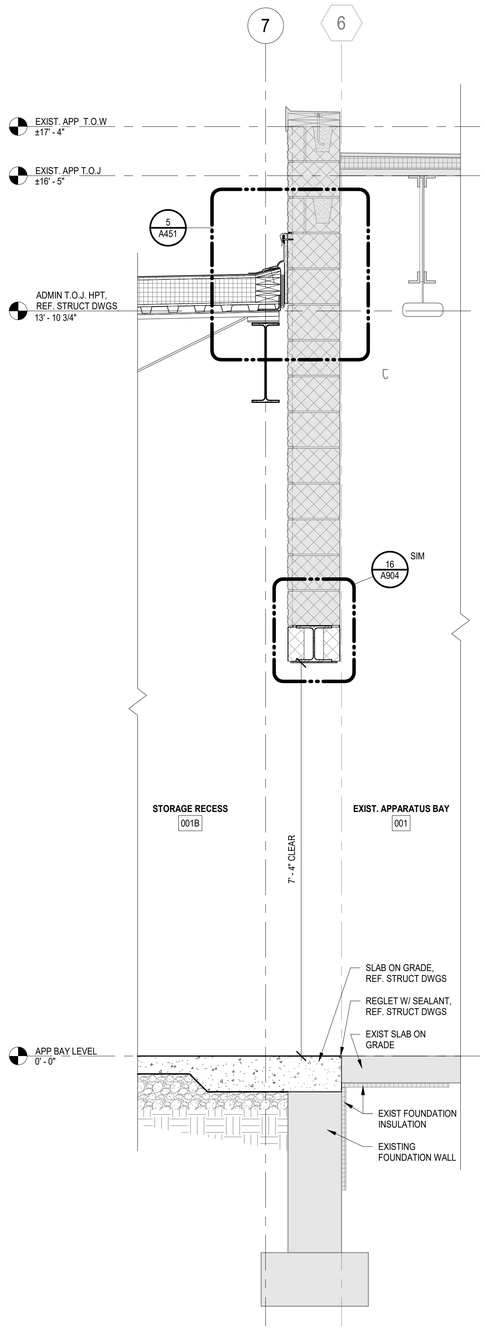
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1 WALL SECTION
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2 WALL SECTION
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3 WALL SECTION
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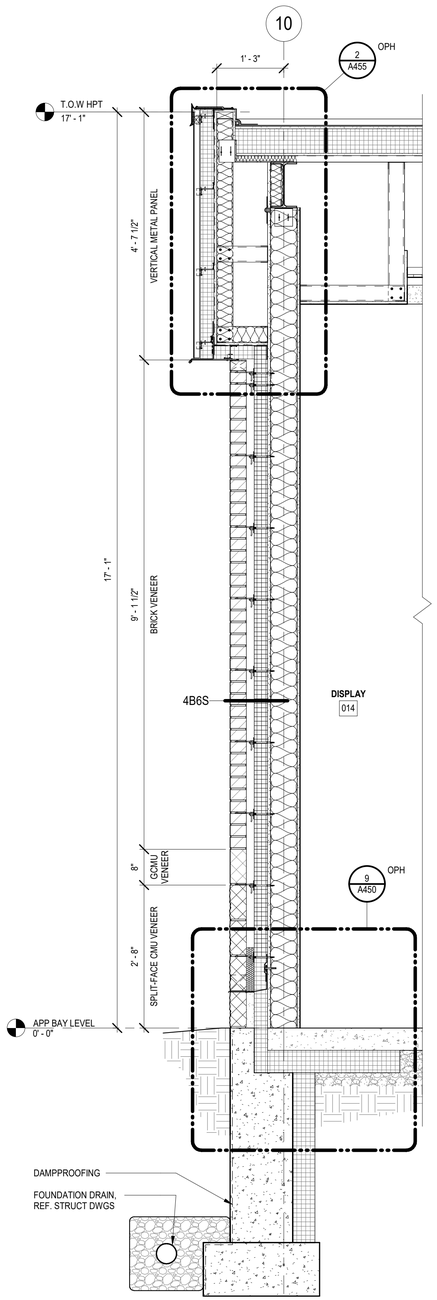
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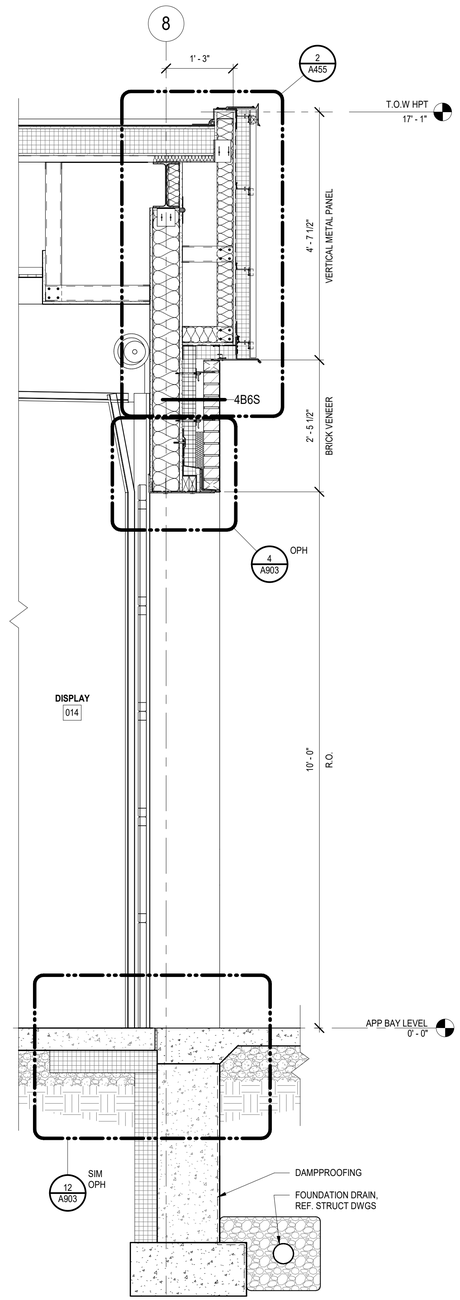
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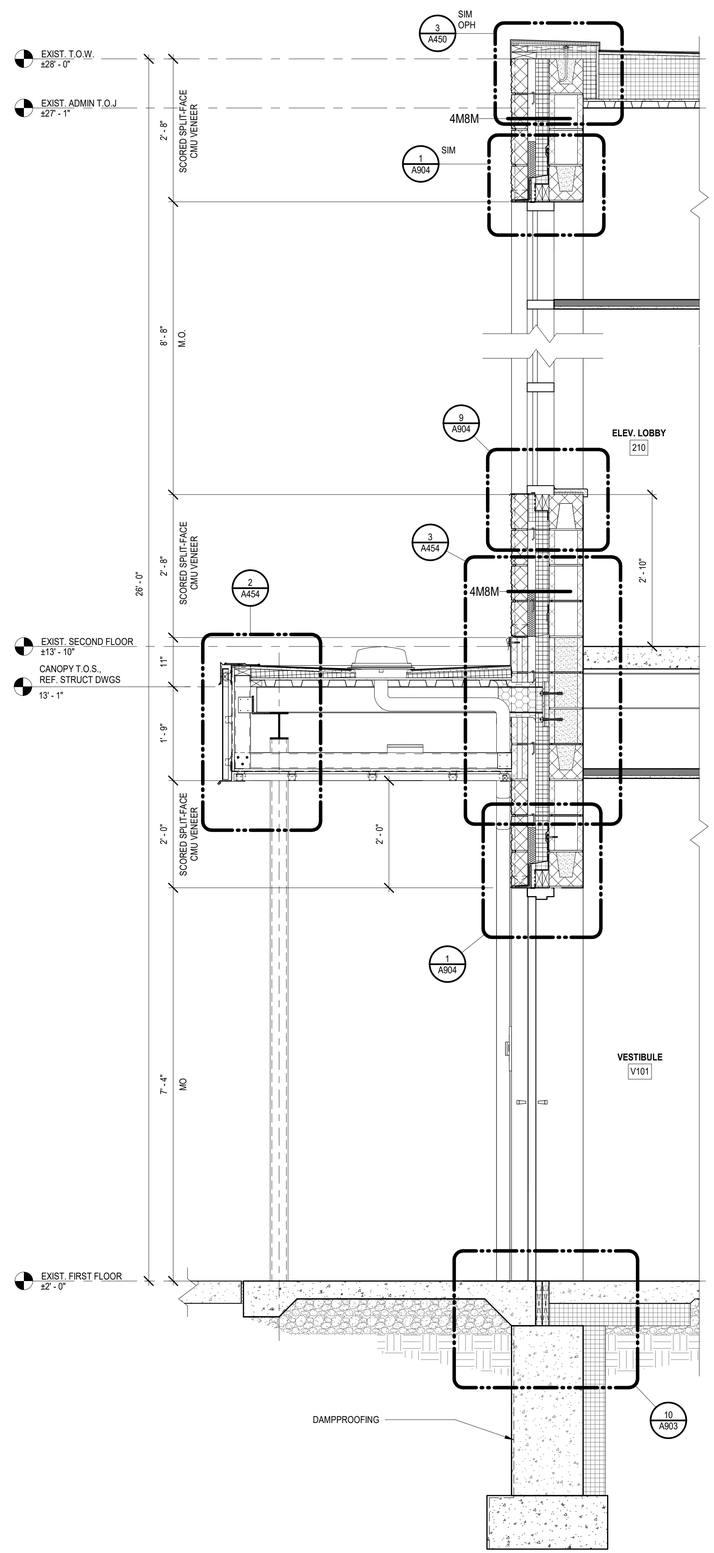
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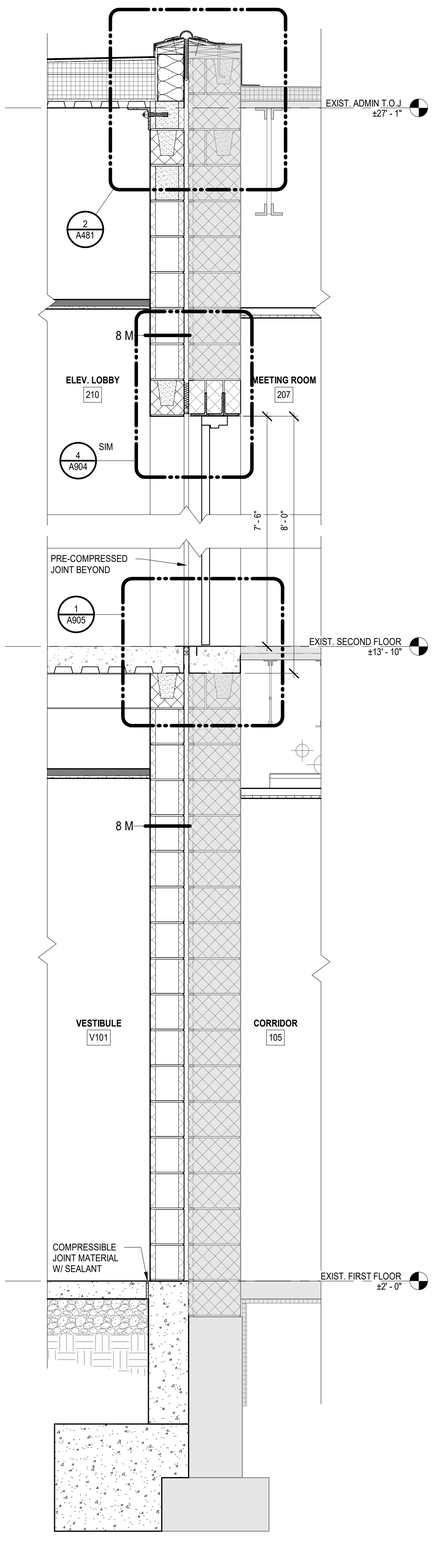
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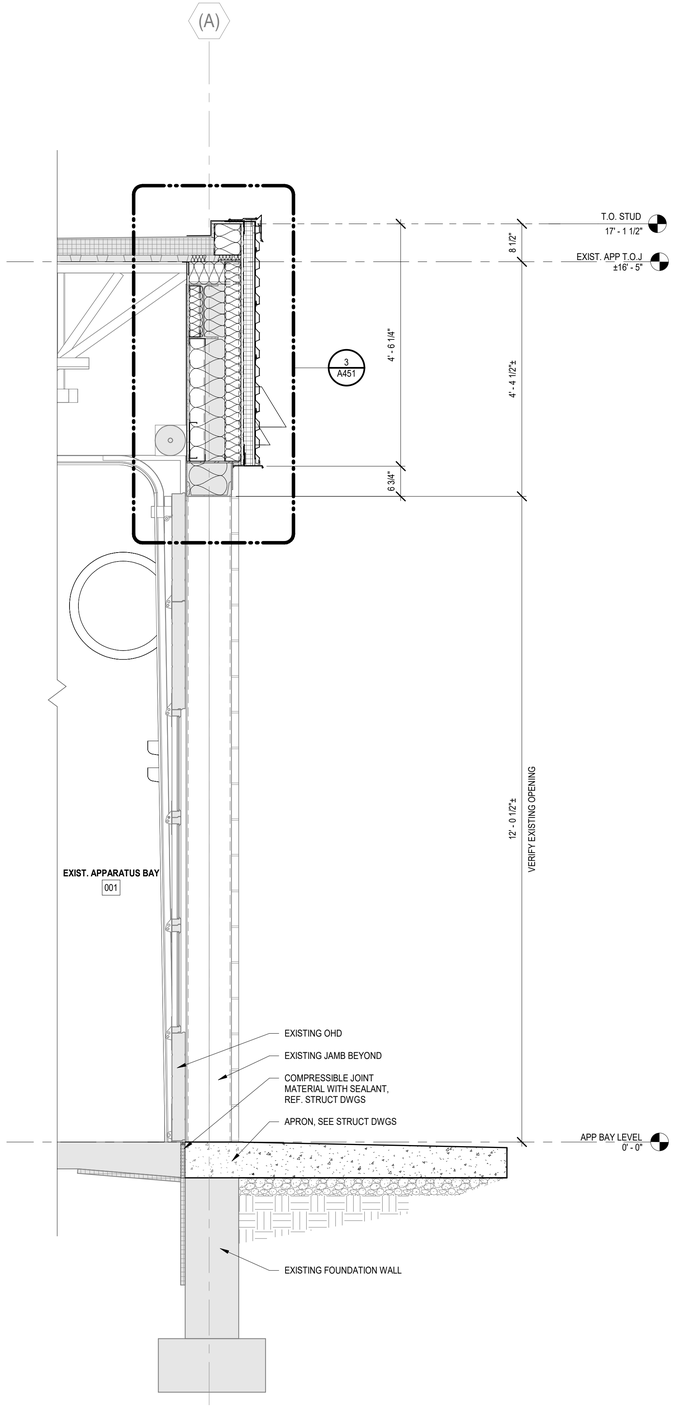
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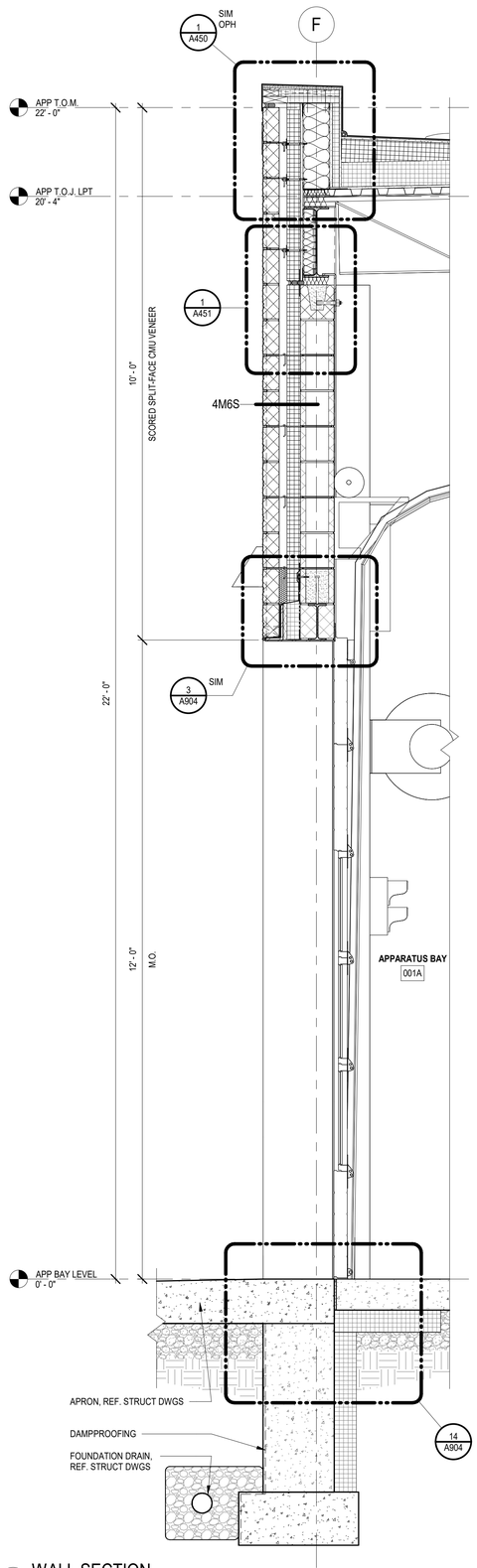
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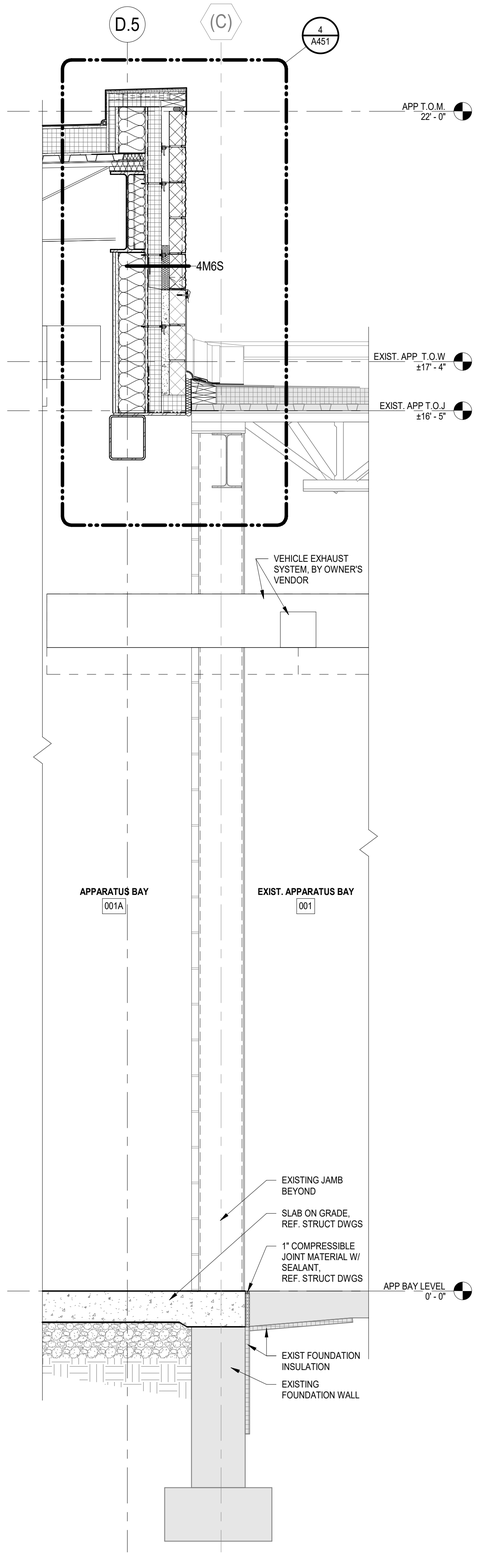
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wendel
Centerpointe Corporate Park
375 Essjay Road, Suite 200
Williamsville, NY 14221
www.wendelcompanies.com
p:716.688.0766 tf:877.293.6335
Wendel WD Architecture, Engineering, Surveying and Landscape Architecture, P.C

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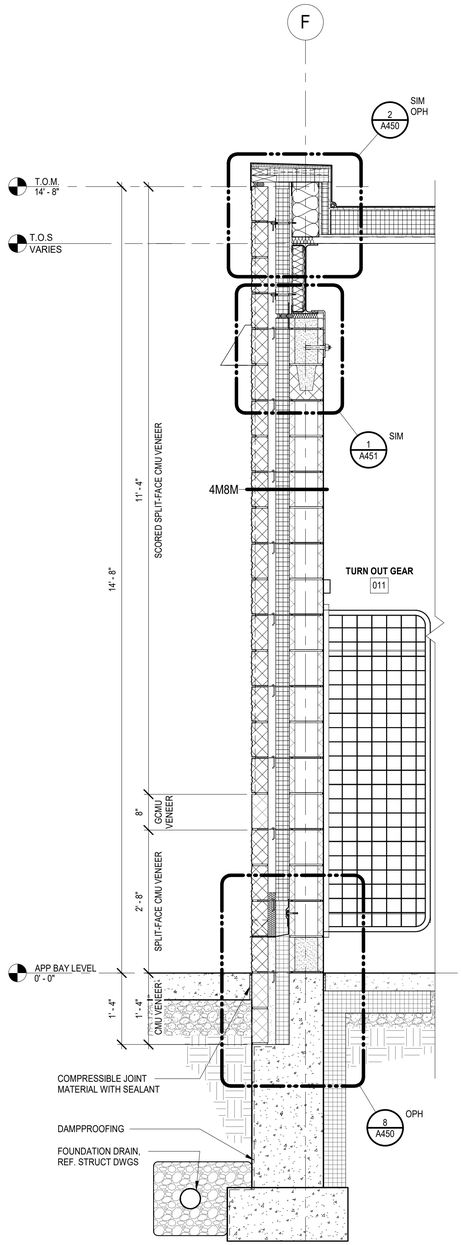
NO.	REVISIONS	DATE
0	ISSUED FOR BID	06/15/2026

DWG. TITLE

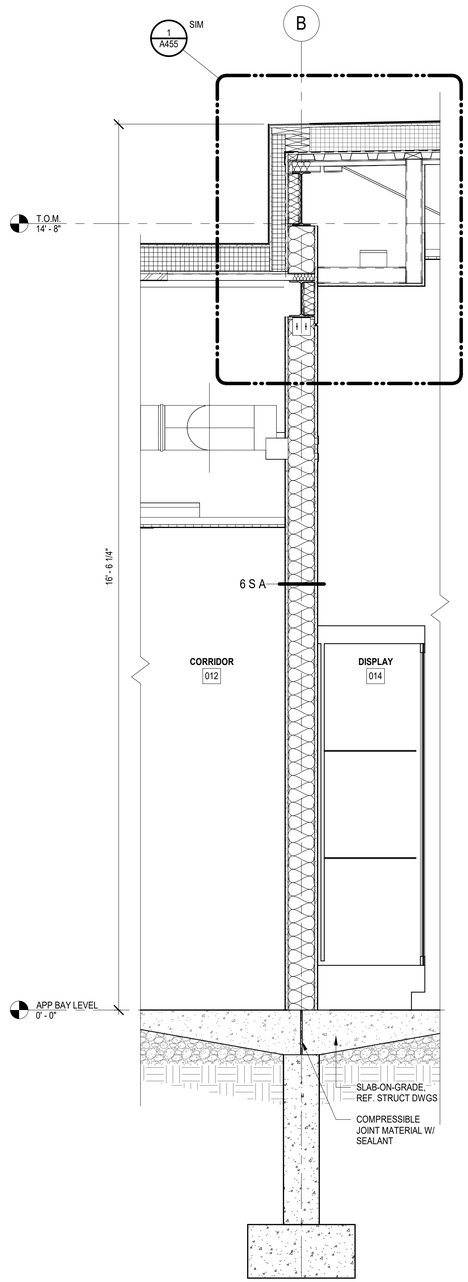
WALL SECTIONS

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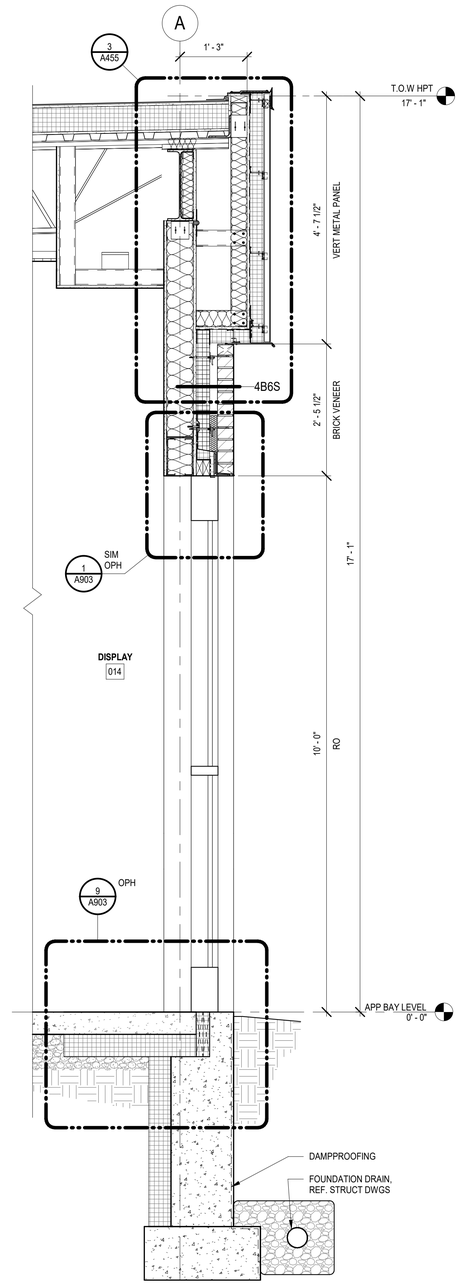
DATE	06/15/2026
SCALE	3/4" = 1'-0"
DWN.	SSS CHK. NM
PROJ. No.	653001
DWG. No.	A404



1 WALL SECTION
SCALE: 3/4" = 1'-0"



2 WALL SECTION
SCALE: 3/4" = 1'-0"



3 WALL SECTION
SCALE: 3/4" = 1'-0"

MARLBOROUGH FIRE DISTRICT

MARLBORO HOSE CO. NO. 1
14 GRAND STREET,
MARLBORO, NY 12542

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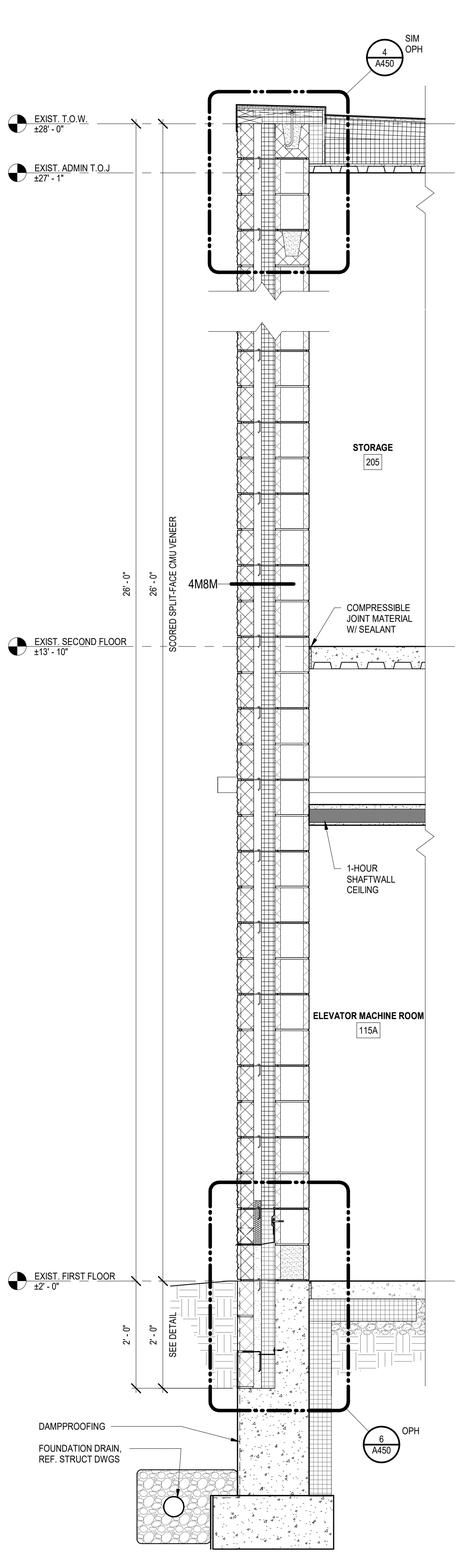
DWG. TITLE

WALL SECTIONS

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GENERIC SCALE BAR
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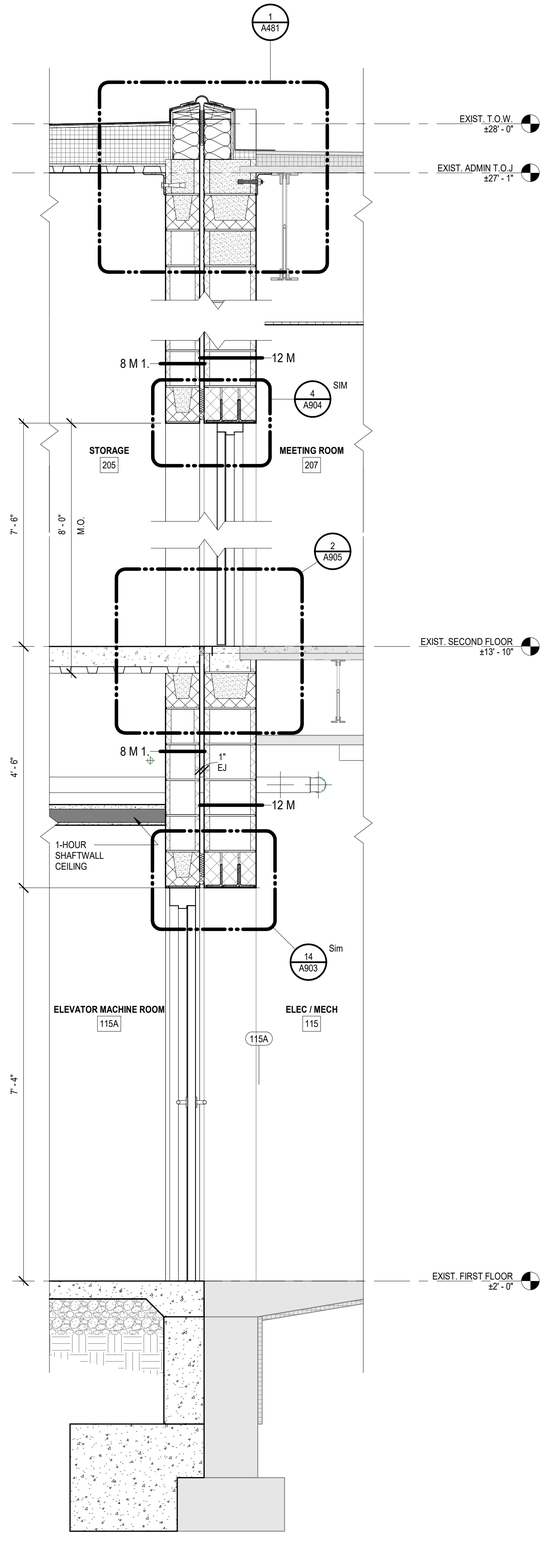
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DWN.	SSS
CHK.	NM
PROJ. No.	653001
DWG. No.	

A405



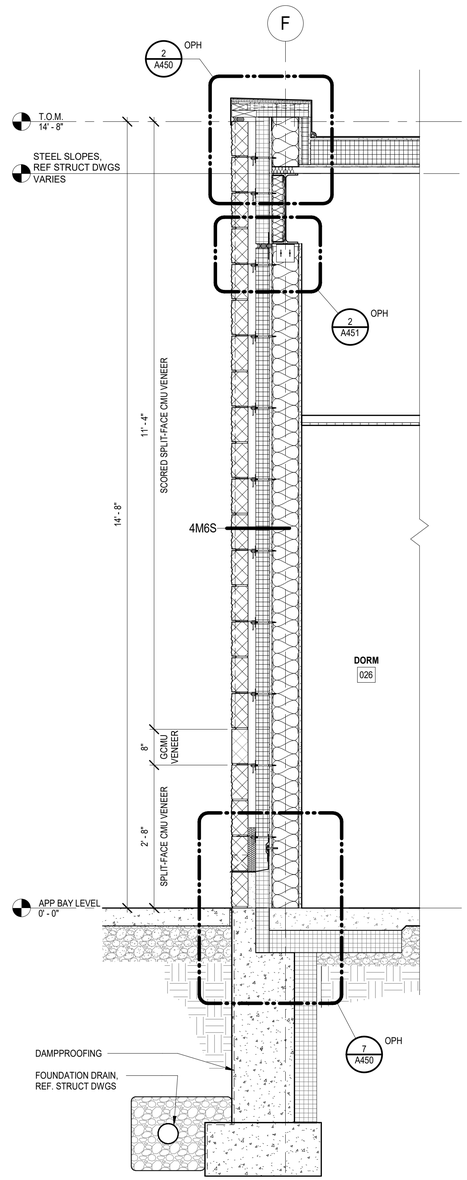
1 WALL SECTION

SCALE: 3/4" = 1'-0"



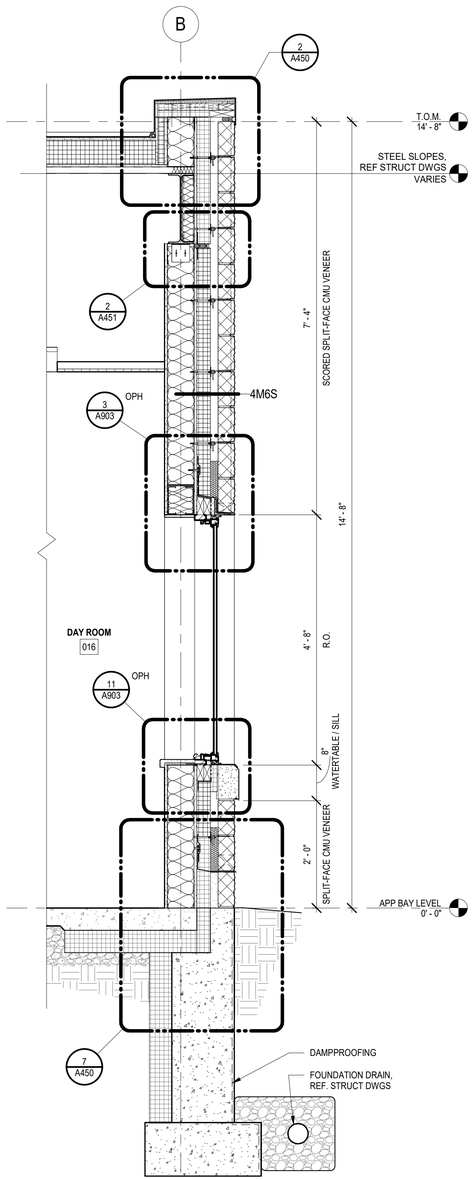
2 WALL SECTION

SCALE: 3/4" = 1'-0"



3 WALL SECTION

SCALE: 3/4" = 1'-0"



4 WALL SECTION

SCALE: 3/4" = 1'-0"

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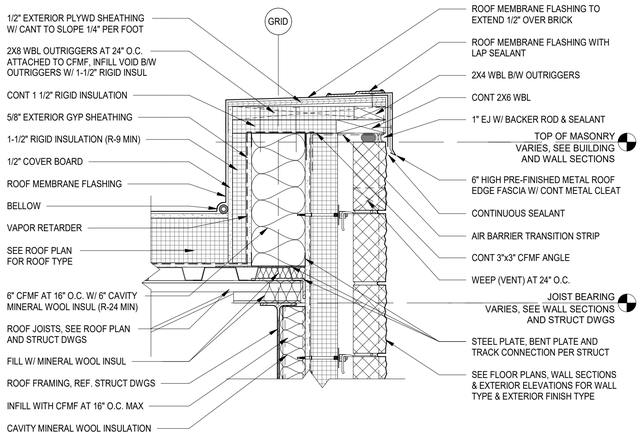
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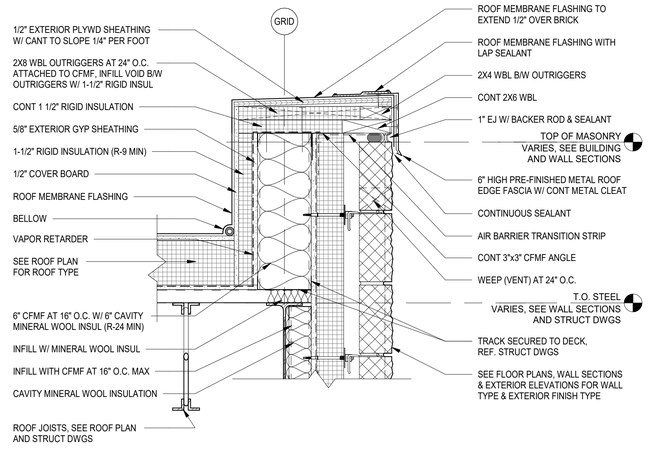
DATE	06/15/2026
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DWN.	SSS CHK. NM
PROJ. No.	653001
DWG. No.	

A406



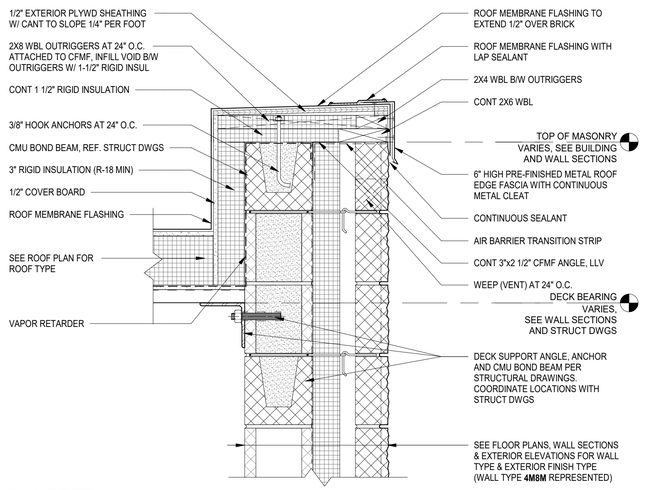
1 ROOF DETAIL

SCALE: 1 1/2" = 1'-0"



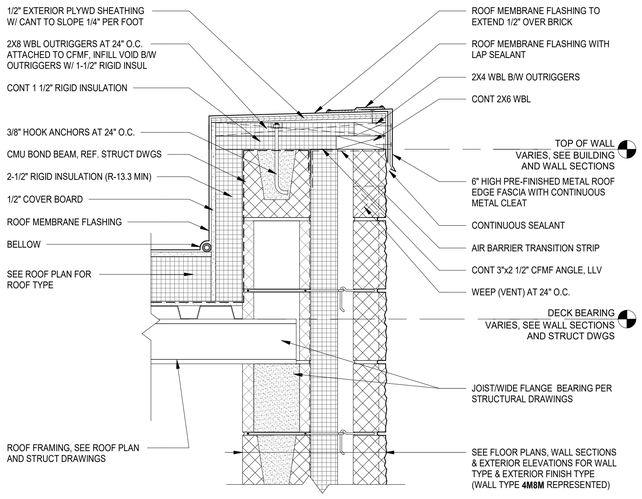
2 ROOF DETAIL

SCALE: 1 1/2" = 1'-0"



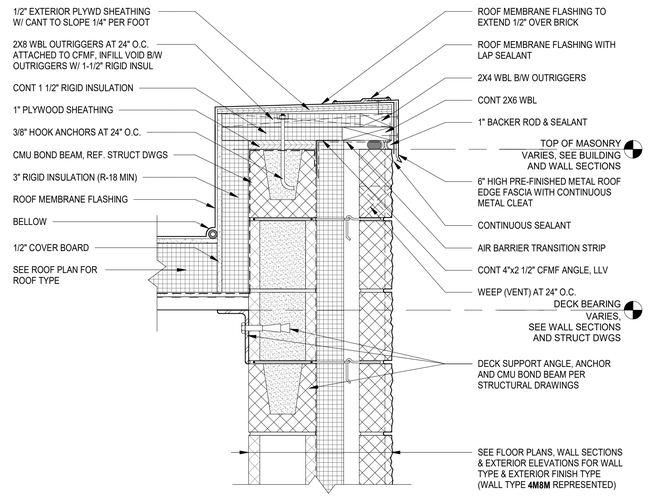
3 ROOF DETAIL

SCALE: 1 1/2" = 1'-0"



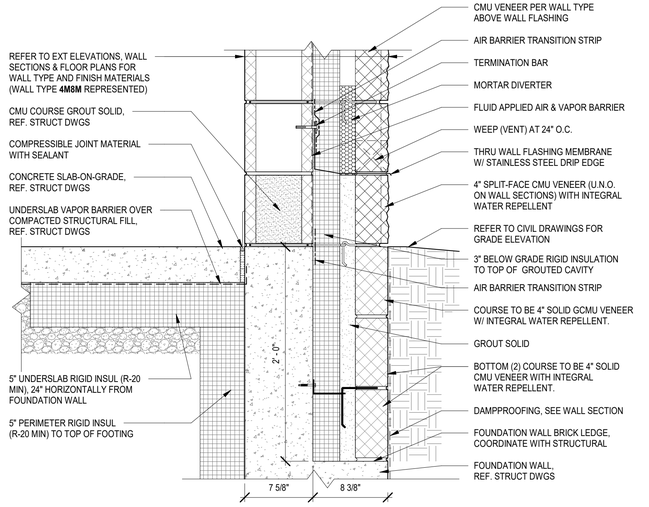
4 ROOF DETAIL

SCALE: 1 1/2" = 1'-0"



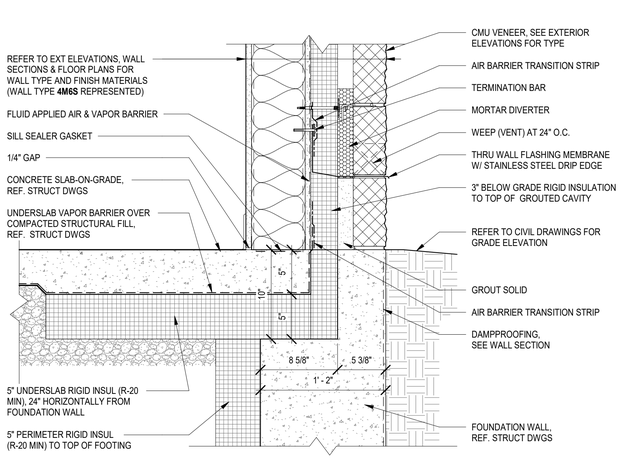
5 ROOF DETAIL

SCALE: 1 1/2" = 1'-0"



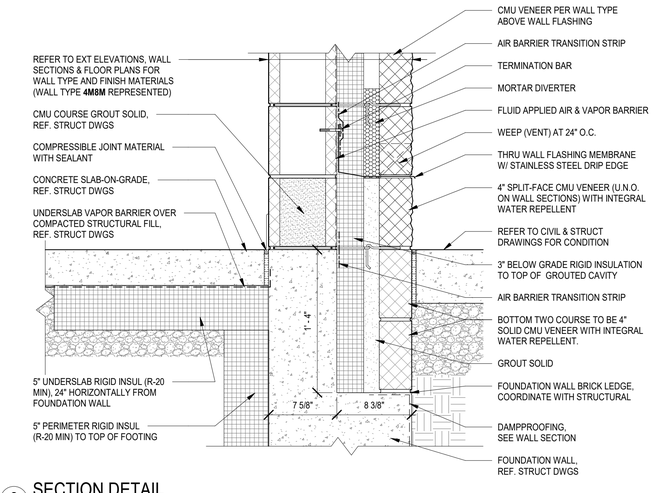
6 SECTION DETAIL

SCALE: 1 1/2" = 1'-0"



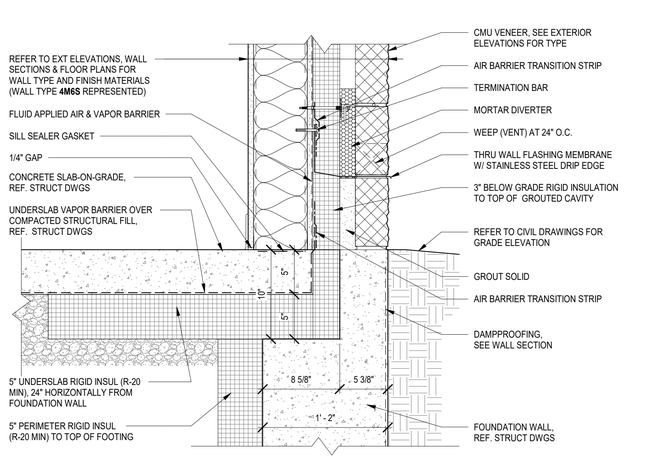
7 SECTION DETAIL

SCALE: 1 1/2" = 1'-0"



8 SECTION DETAIL

SCALE: 1 1/2" = 1'-0"



9 SECTION DETAIL

SCALE: 1 1/2" = 1'-0"

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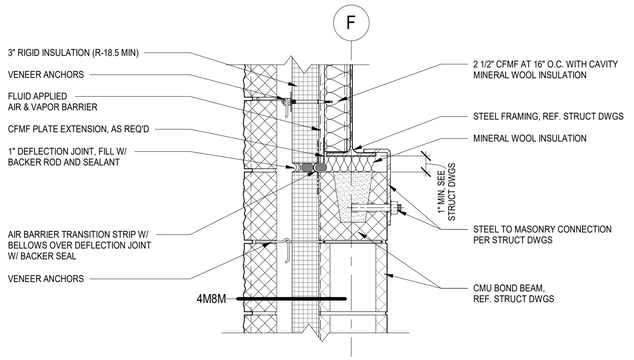
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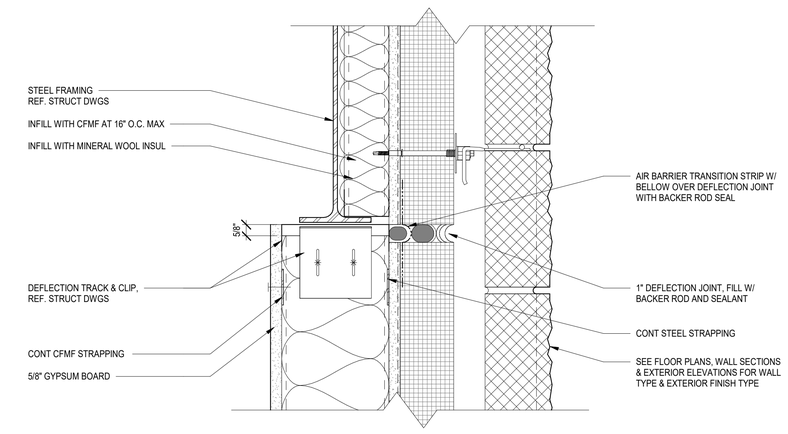
EXTERIOR DETAILS

GENERIC SCALE BAR
SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING. IF NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY

DATE	06/15/2026
SCALE	1 1/2" = 1'-0"
DWN.	SSS
CHK.	NM
PROJ. No.	653001
DWG. No.	**A450**

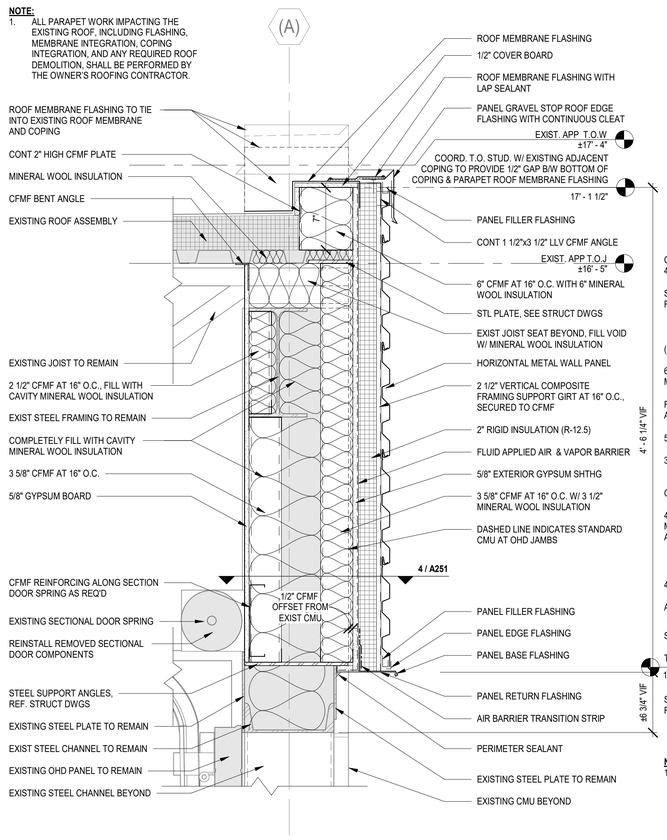


1 SECTION DETAIL
SCALE: 1 1/2" = 1'-0"

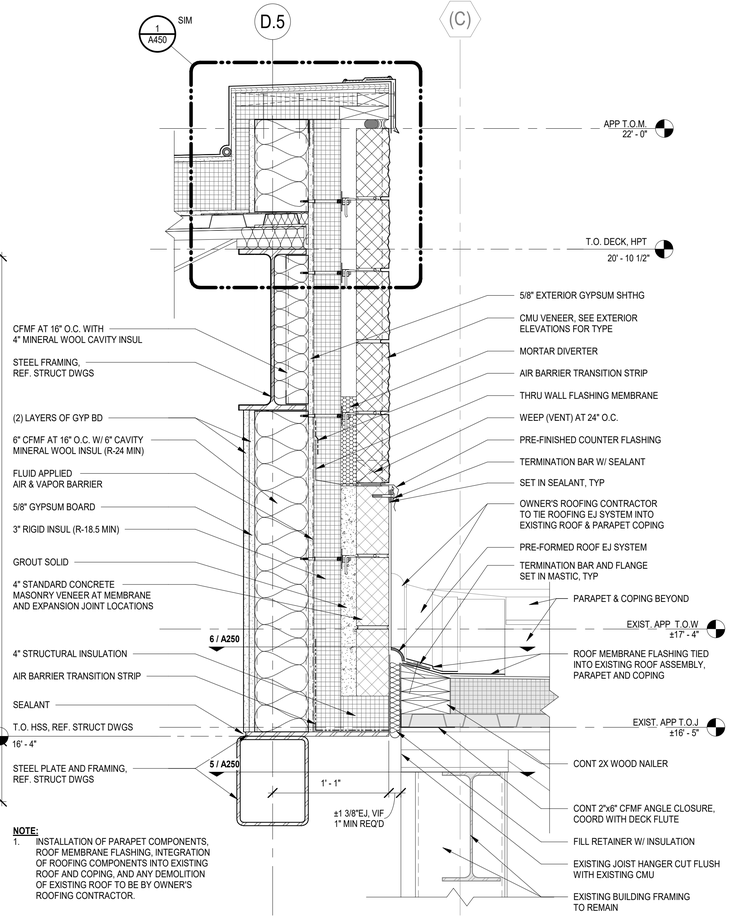


2 SECTION DETAIL
SCALE: 3" = 1'-0"

NOTE:
1. ALL PARAPET WORK IMPACTING THE EXISTING ROOF, INCLUDING FLASHING, MEMBRANE INTEGRATION, COPING INTEGRATION, AND ANY REQUIRED ROOF DEMOLITION, SHALL BE PERFORMED BY THE OWNER'S ROOFING CONTRACTOR.

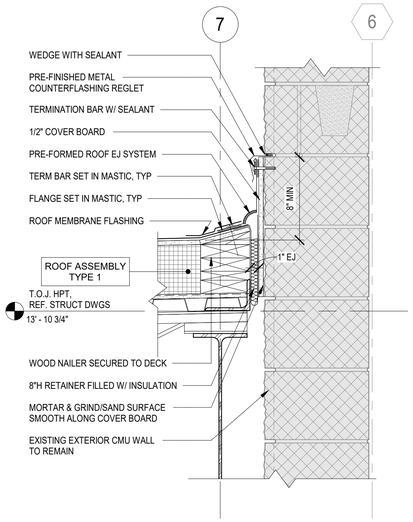


3 SECTION DETAIL
SCALE: 1 1/2" = 1'-0"

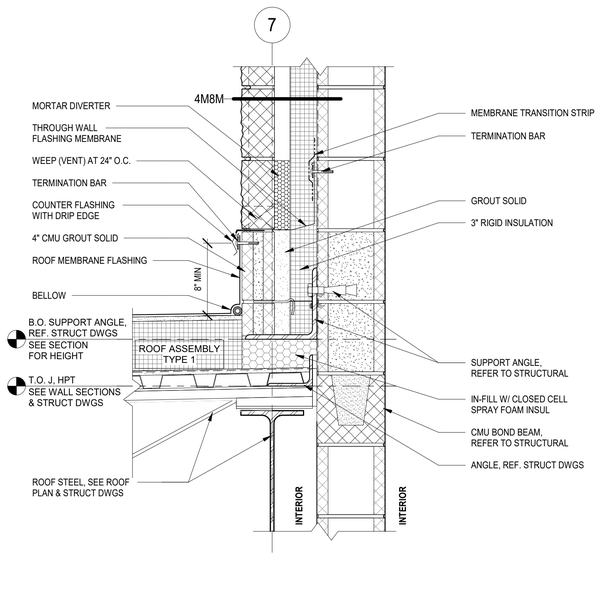


NOTE:
1. INSTALLATION OF PARAPET COMPONENTS, ROOF MEMBRANE FLASHING, INTEGRATION OF ROOFING COMPONENTS INTO EXISTING ROOF AND COPING, AND ANY DEMOLITION OF EXISTING ROOF TO BE BY OWNER'S ROOFING CONTRACTOR.

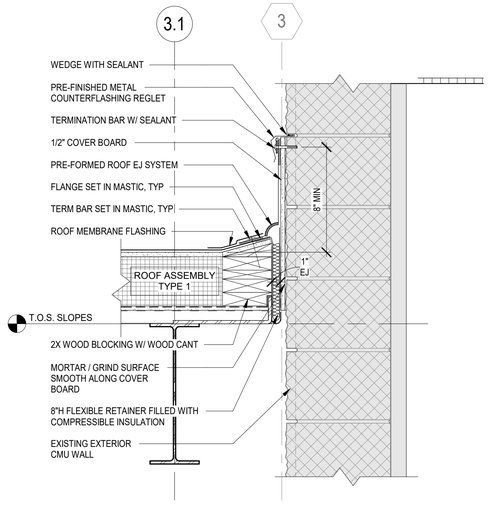
4 SECTION DETAIL
SCALE: 1 1/2" = 1'-0"



5 ROOF DETAIL
SCALE: 1 1/2" = 1'-0"



6 ROOF DETAIL
SCALE: 1 1/2" = 1'-0"



7 SECTION DETAIL
SCALE: 1 1/2" = 1'-0"

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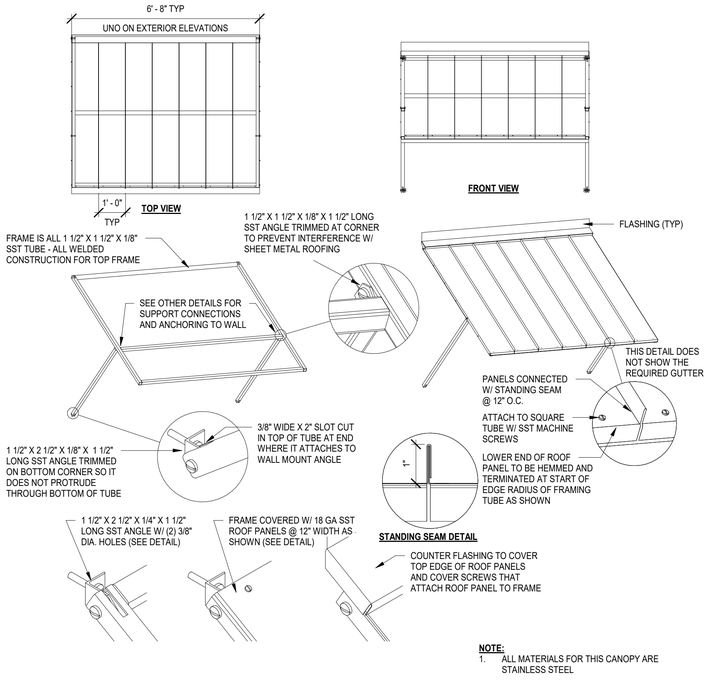
DWG. TITLE

EXTERIOR DETAILS

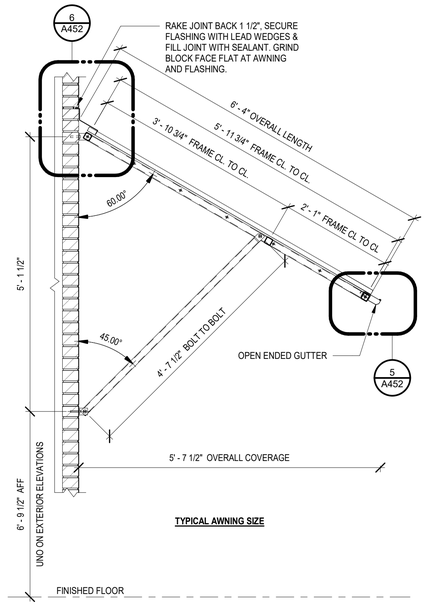
GENERIC SCALE BAR
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PROJ. No.	653001
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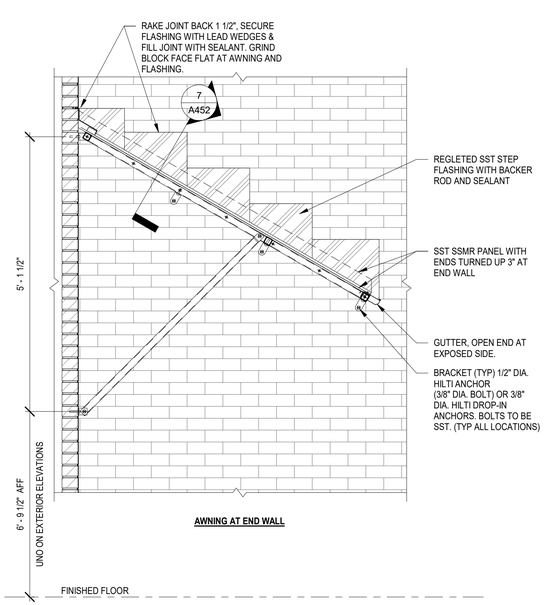
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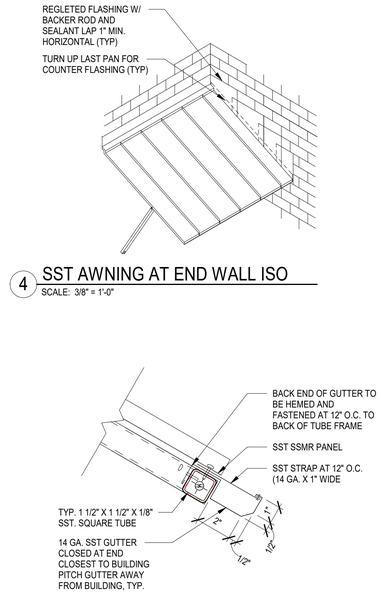
1 STAINLESS STEEL AWNING DETAILS
SCALE: 3/8" = 1'-0"



2 SST AWNING - TYPICAL SIZE
SCALE: 3/4" = 1'-0"

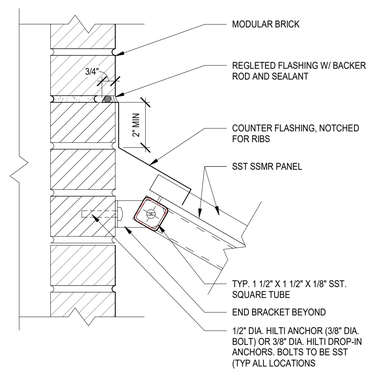


3 SST AWNING AT END WALL
SCALE: 3/4" = 1'-0"

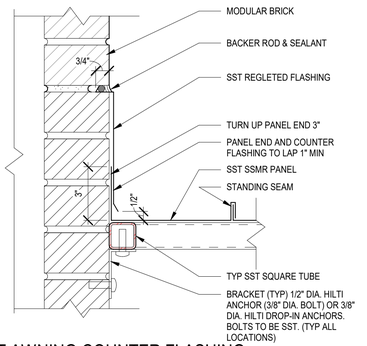


4 SST AWNING AT END WALL ISO
SCALE: 3/8" = 1'-0"

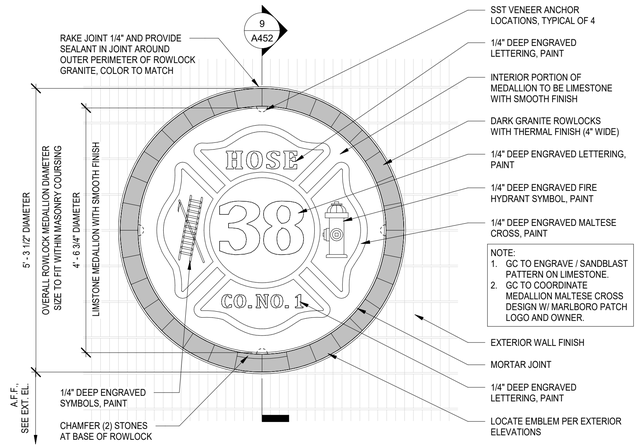
5 SST AWNING GUTTER DETAIL
SCALE: 3" = 1'-0"



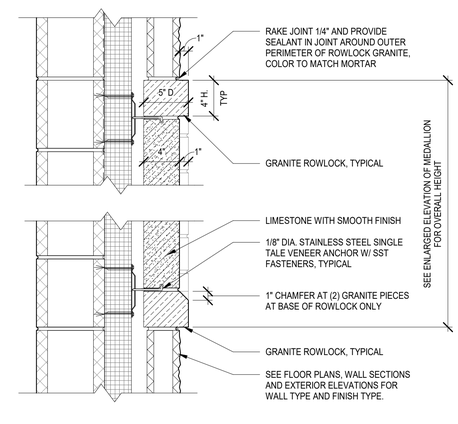
6 SST AWNING COUNTER FLASHING DETAIL
SCALE: 3" = 1'-0"



7 SST AWNING COUNTER FLASHING AT END WALL DETAIL
SCALE: 3" = 1'-0"



8 DECORATIVE STONE MEDALLION ENLARGED ELEVATION
SCALE: 3/4" = 1'-0"



9 MEDALLION DETAIL
SCALE: 1 1/2" = 1'-0"

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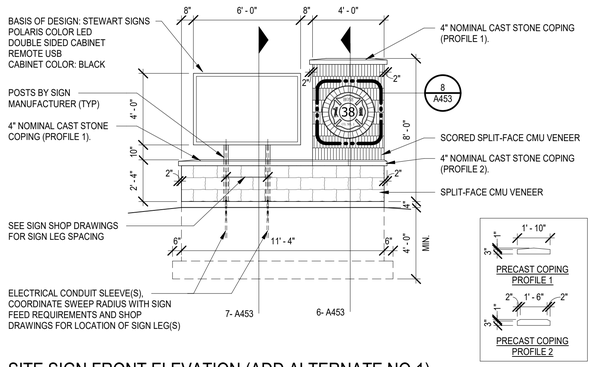
DWG. TITLE

EXTERIOR DETAILS

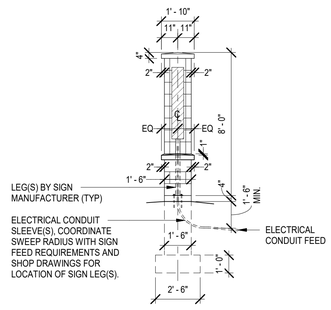
GENERIC SCALE BAR
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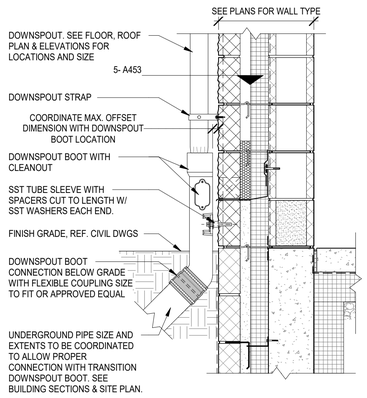
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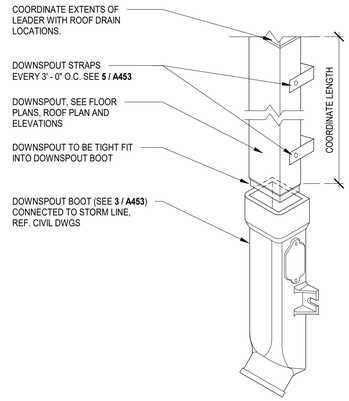
1 SITE SIGN FRONT ELEVATION (ADD ALTERNATE NO.1)
SCALE: 1/4" = 1'-0"



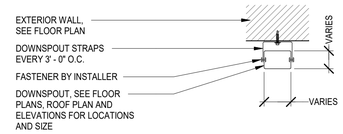
2 SITE SIGN SIDE ELEVATION (ADD ALTERNATE NO.1)
SCALE: 1/4" = 1'-0"



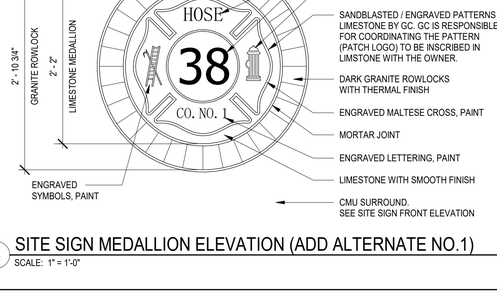
3 DOWNSPOUT TO STORM TRANSITION
SCALE: 1" = 1'-0"



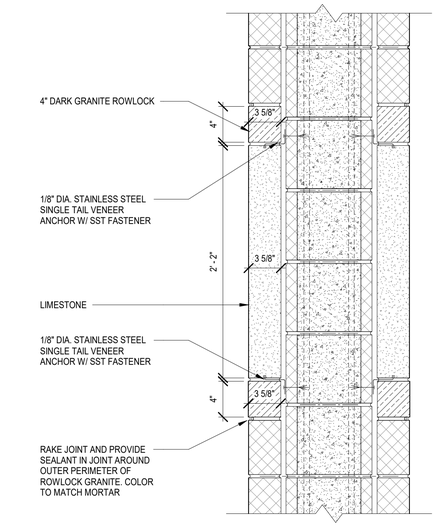
4 DOWNSPOUT ISOMETRIC
SCALE: 1" = 1'-0"



5 DOWNSPOUT STRAP DETAIL
SCALE: 1 1/2" = 1'-0"



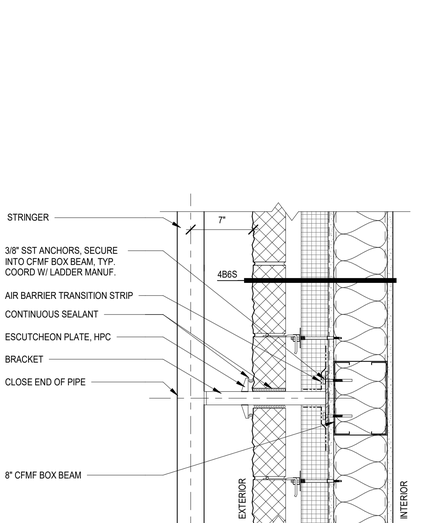
8 SITE SIGN MEDALLION ELEVATION (ADD ALTERNATE NO.1)
SCALE: 1" = 1'-0"



9 SITE SIGN MEDALLION SECTION DETAIL (ADD ALTERNATE NO.1)
SCALE: 1 1/2" = 1'-0"

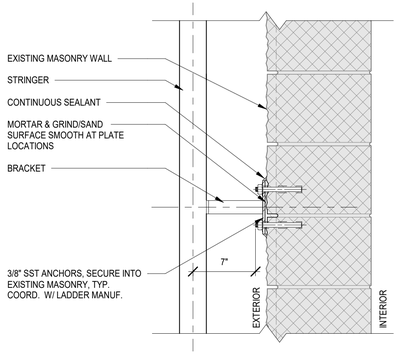
6 SITE SIGN SECTION DETAIL (ADD ALTERNATE NO.1)
SCALE: 3/4" = 1'-0"

7 SITE SIGN SECTION DETAIL (ADD ALTERNATE NO.1)
SCALE: 3/4" = 1'-0"



10 PRE-FABRICATED ROOF ACCESS LADDER DETAIL
SCALE: 1/2" = 1'-0"

11 SECTION DETAIL
SCALE: 1 1/2" = 1'-0"



12 SECTION DETAIL
SCALE: 1 1/2" = 1'-0"

MARLBOROUGH FIRE DISTRICT

MARLBORO HOSE CO. NO. 1
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MARLBOROUGH FIRE STATION ADDITIONS AND RENOVATION

CONSTRUCTION DOCUMENTS

wendel
Centerpointe Corporate Park
375 Essjay Road, Suite 200
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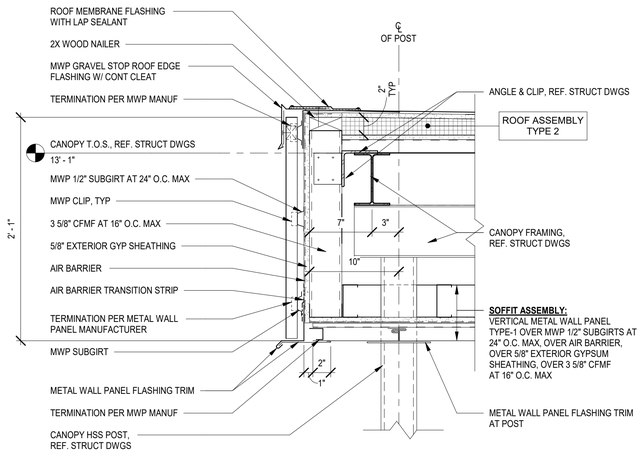
DWG. TITLE

EXTERIOR DETAILS

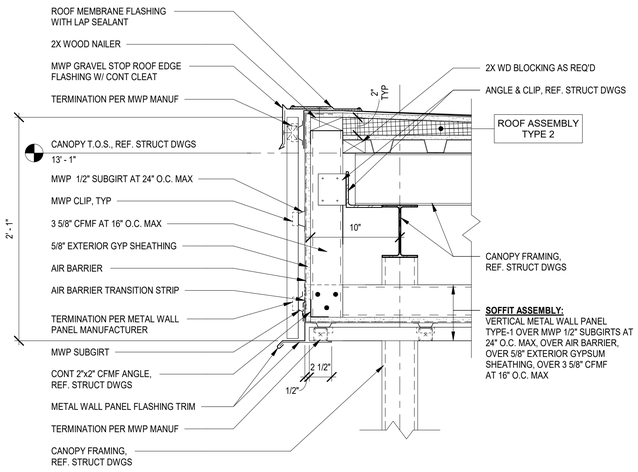
GENERIC SCALE BAR
0 1" 2"
SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING. IF NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY

DATE	06/15/2026
SCALE	As indicated
DWN.	SSS CHK. NM
PROJ. No.	653001
DWG. No.	

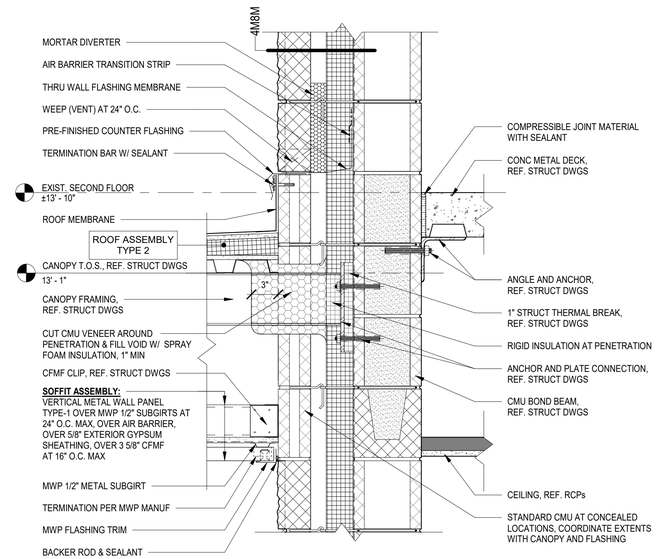
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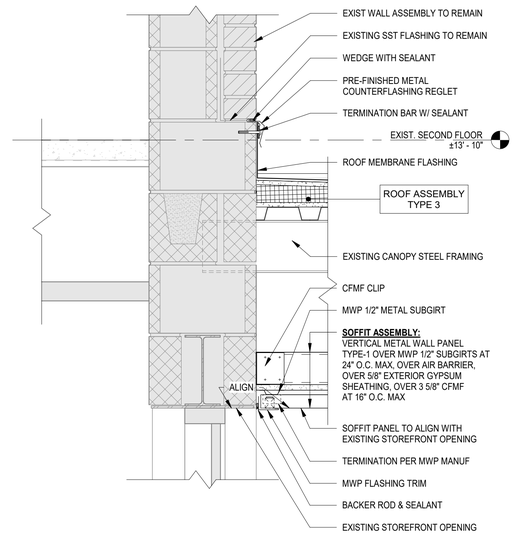
1 SECTION DETAIL
SCALE: 1 1/2" = 1'-0"



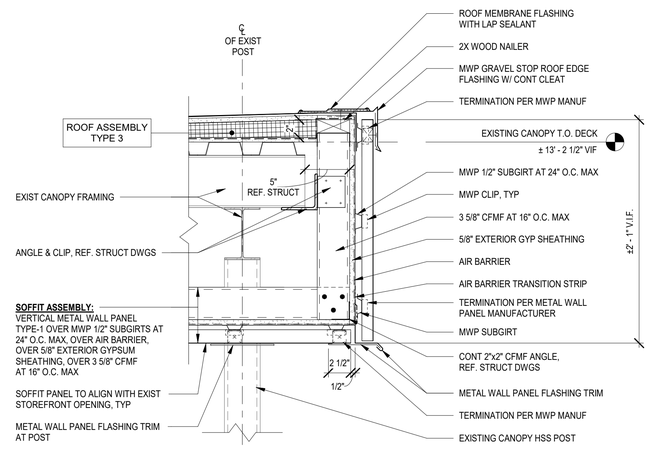
2 SECTION DETAIL
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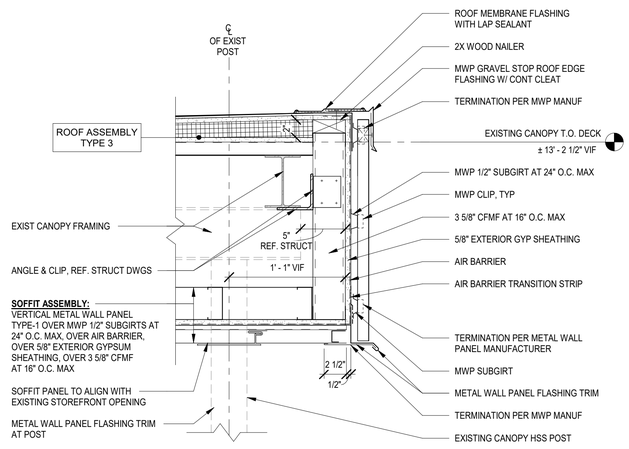
3 SECTION DETAIL
SCALE: 1 1/2" = 1'-0"



4 ROOF DETAIL
SCALE: 1 1/2" = 1'-0"



5 ROOF DETAIL
SCALE: 1 1/2" = 1'-0"



6 ROOF DETAIL
SCALE: 1 1/2" = 1'-0"

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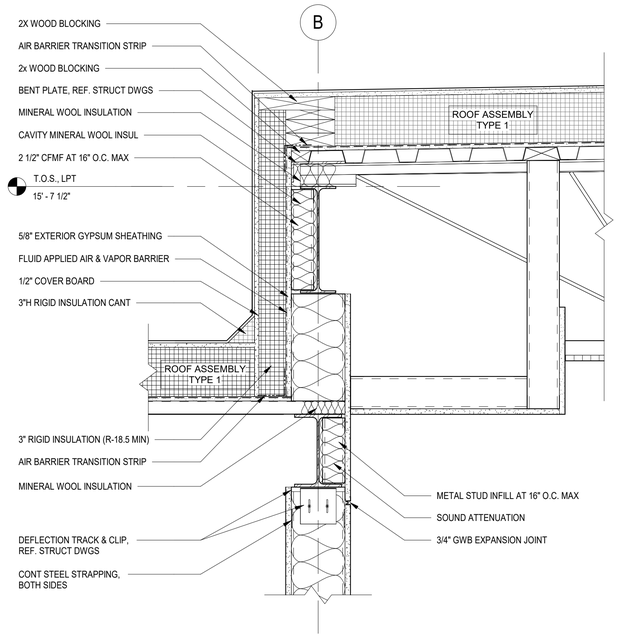
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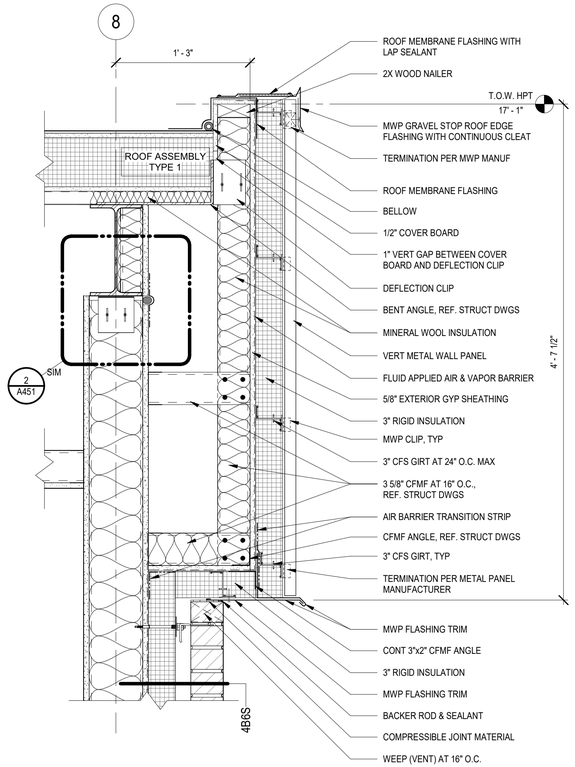
EXTERIOR DETAILS

0 1" 2"
GENERIC SCALE BAR
SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING. IF NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY

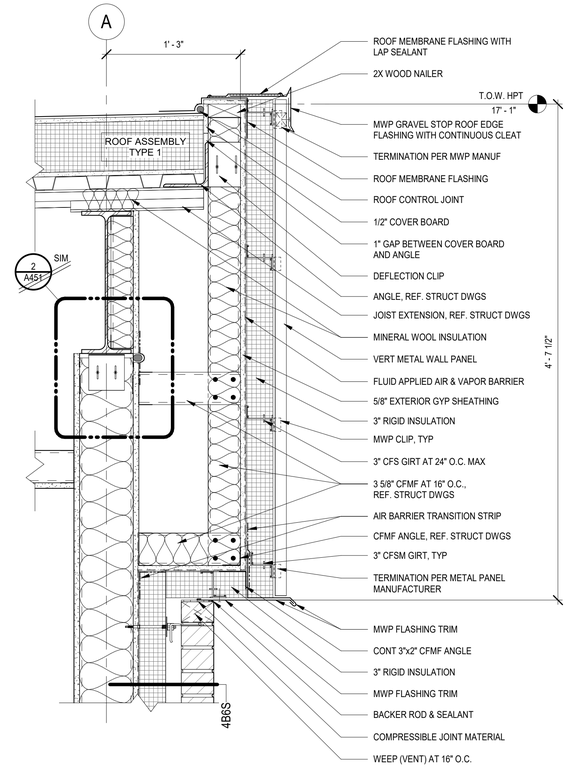
DATE	06/15/2026
SCALE	1 1/2" = 1'-0"
DWN.	SSS CHK. NM
PROJ. No.	653001
DWG. No.	A454



1 SECTION DETAIL
SCALE: 1 1/2" = 1'-0"



2 SECTION DETAIL
SCALE: 1 1/2" = 1'-0"



3 SECTION DETAIL
SCALE: 1 1/2" = 1'-0"

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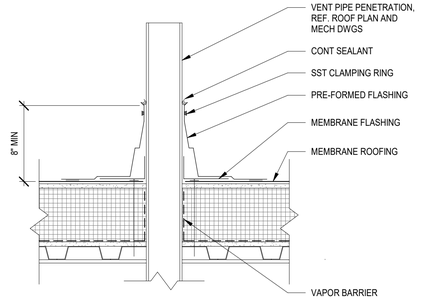
DWG. TITLE

EXTERIOR DETAILS

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GENERIC SCALE BAR
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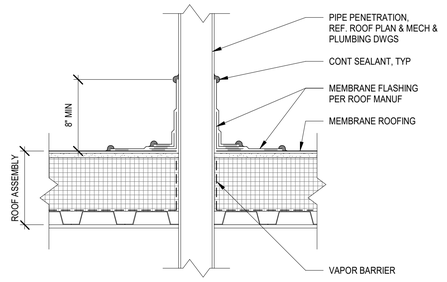
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PROJ. No.	653001
DWG. No.	

A455



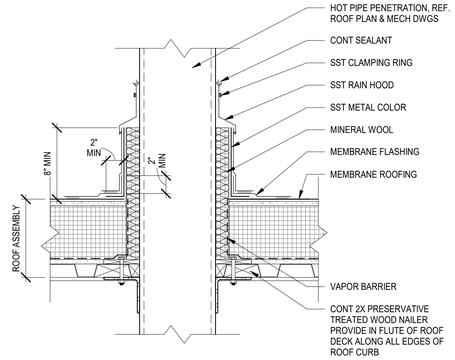
1 ROOF DETAIL - PIPE / CONDUIT PENETRATION

SCALE: 1 1/2" = 1'-0"



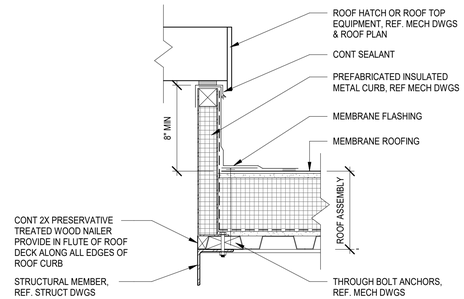
2 ROOF DETAIL - PIPE PENETRATION - FIELD FABRICATED FLASHING

SCALE: 1 1/2" = 1'-0"



3 ROOF DETAIL - HOT STACK PENETRATION

SCALE: 1 1/2" = 1'-0"

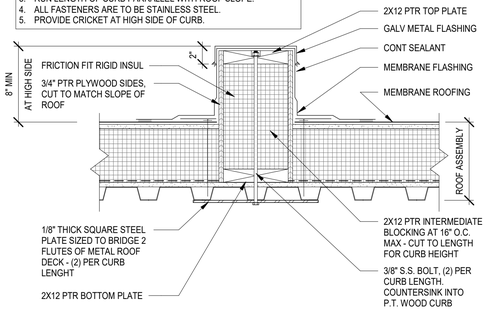


4 ROOF DETAIL - EQUIPMENT / HATCH CURB

SCALE: 1 1/2" = 1'-0"

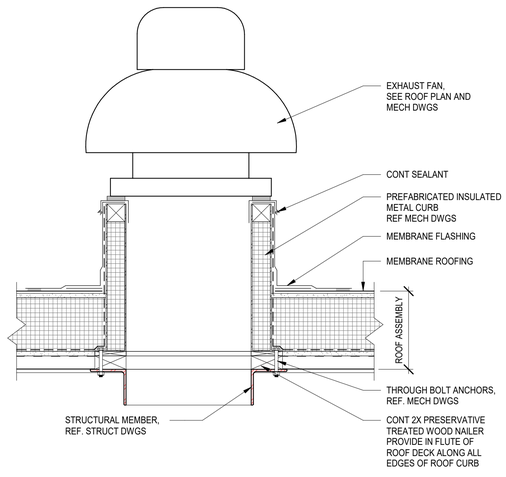
NOTES:

1. PRESSURE TREATED WOOD CURB - COORDINATE LENGTH AND LOCATION WITH MECHANICAL EQUIPMENT, (2) CURBS PER UNIT.
2. FLASHING TO BE SET OVER ROOFING MEMBRANE AND BELOW METAL CAP.
3. RUN LENGTH OF CURB PARRALLEL WITH ROOF SLOPE.
4. ALL FASTENERS ARE TO BE STAINLESS STEEL.
5. PROVIDE CRICKET AT HIGH SIDE OF CURB.



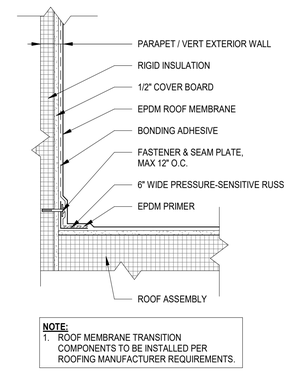
5 ROOF DETAIL - ROOF EQUIPMENT RAIL

SCALE: 1 1/2" = 1'-0"



6 ROOF DETAIL - EXHAUST FAN

SCALE: 1 1/2" = 1'-0"

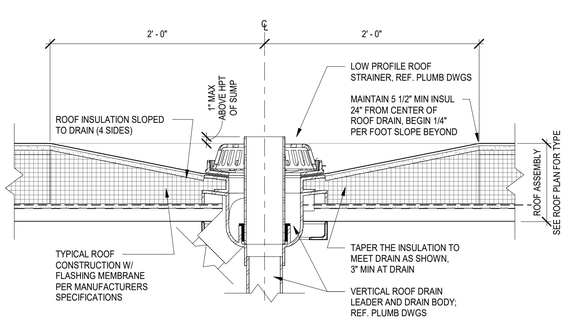


NOTE:

1. ROOF MEMBRANE TRANSITION COMPONENTS TO BE INSTALLED PER ROOFING MANUFACTURER REQUIREMENTS.

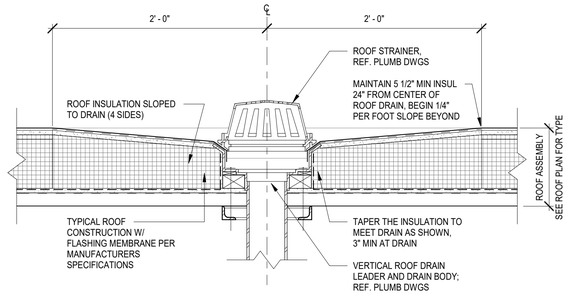
ROOF DETAIL - TYPICAL ROOF TO WALL/PARAPET ROOF MEMBRANE TRANSITION

SCALE: 1 1/2" = 1'-0"



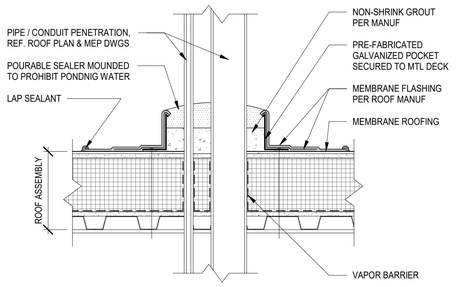
8 ROOF DETAIL - ROOF DRAIN

SCALE: 1 1/2" = 1'-0"



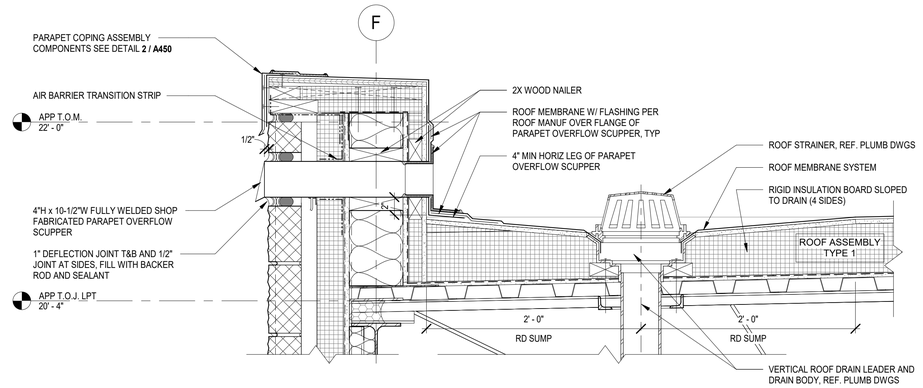
9 ROOF DETAIL - ROOF DRAIN

SCALE: 1 1/2" = 1'-0"



ROOF DETAIL - PIPE PENETRATION - PITCH POCKET

SCALE: 1 1/2" = 1'-0"



11 ROOF DETAIL

SCALE: 1 1/2" = 1'-0"

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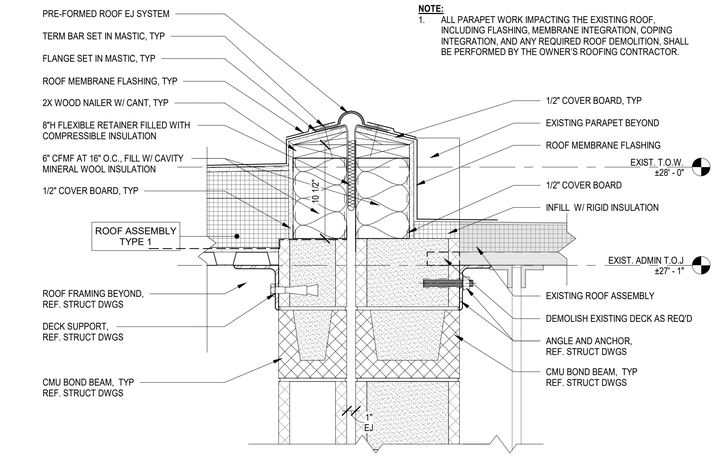
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DWG. TITLE

ROOF DETAILS

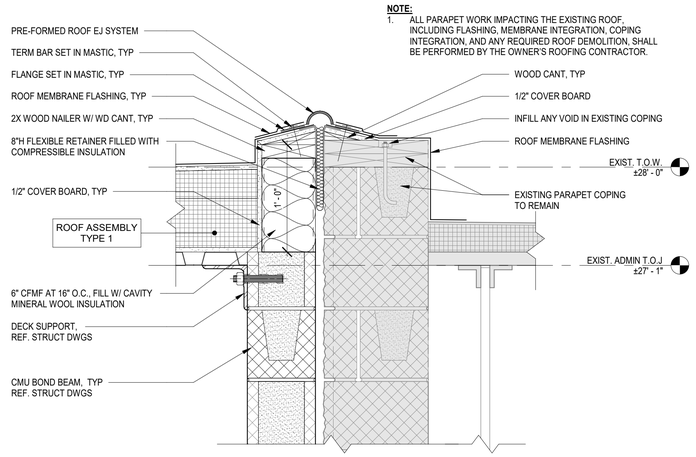
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CHK.	NM
PROJ. No.	653001
DWG. No.	A480



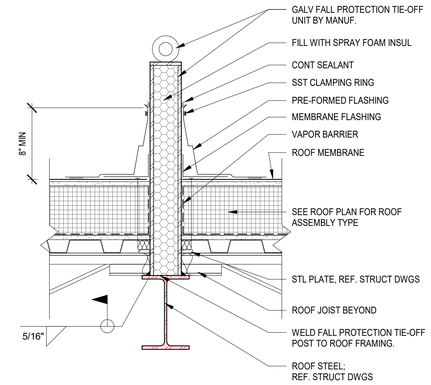
NOTE:
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1 ROOF DETAIL
SCALE: 1 1/2" = 1'-0"



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2 ROOF DETAIL
SCALE: 1 1/2" = 1'-0"



3 ROOF DETAIL
SCALE: 1 1/2" = 1'-0"

4 ROOF DETAIL
SCALE: 1 1/2" = 1'-0"

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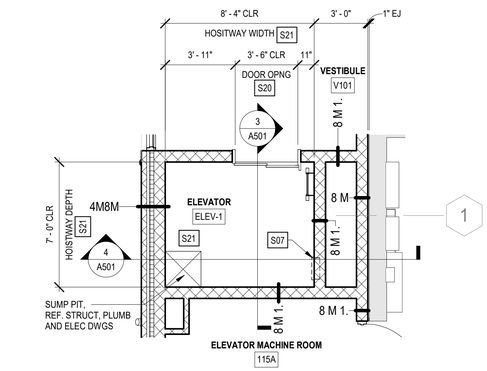
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ROOF DETAILS

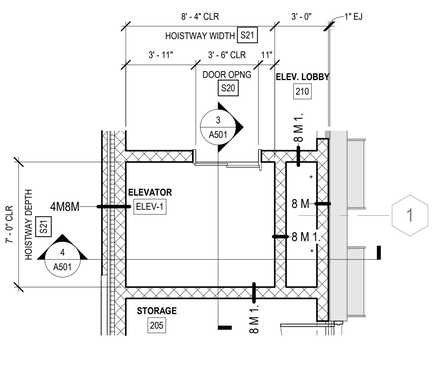
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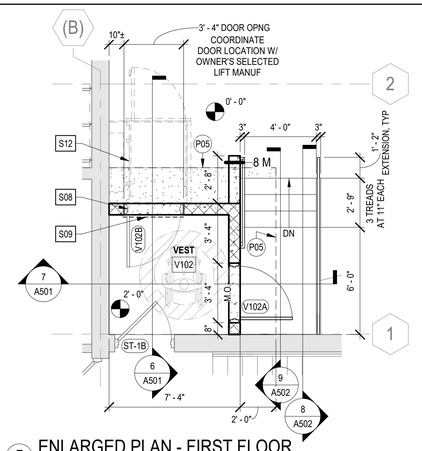
A481



1 ELEVATOR PLAN - FIRST FLOOR
SCALE: 1/4" = 1'-0"



2 ELEVATOR PLAN - SECOND FLOOR
SCALE: 1/4" = 1'-0"



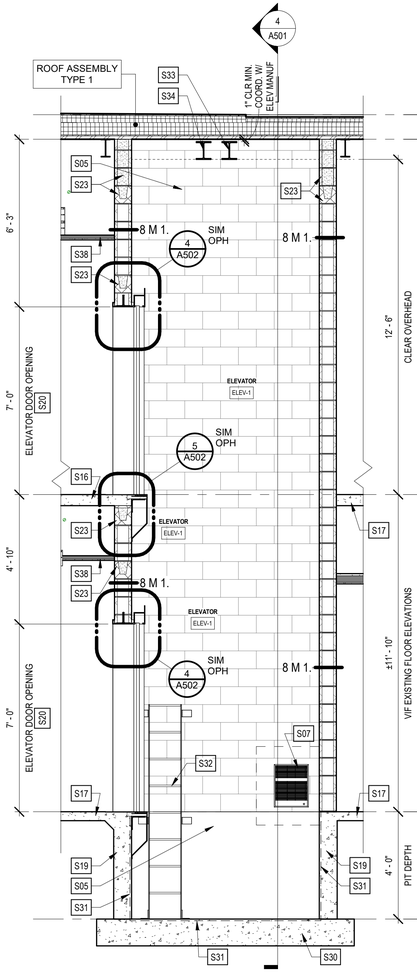
5 ENLARGED PLAN - FIRST FLOOR
SCALE: 1/4" = 1'-0"

SECTION KEYNOTES

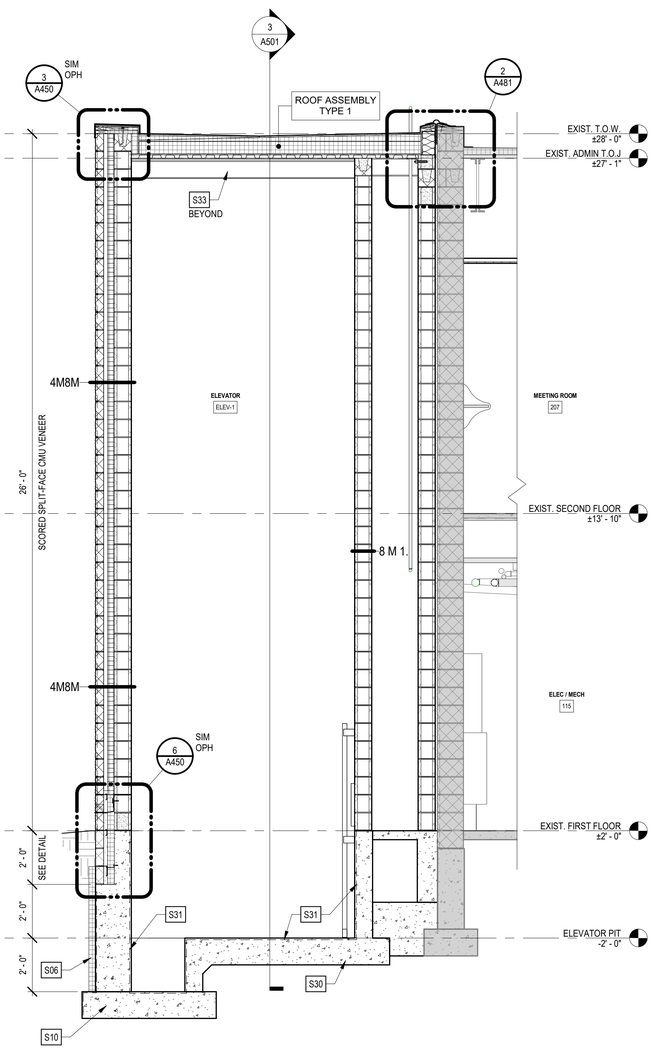
S05	COORDINATE SPRINKLER HEAD LOCATION WITH FIRE PROTECTION DRAWINGS AND ELEVATOR MANUFACTURER
S06	3" PERIMETER RIGID INSULATION (R-10 MIN) TO TOP OF FOOTING ALON LENGTH OF HOISTWAY EXTERIOR WALL, AND EXTEND 24" BEYOND HOISTWAY AT ENDS.
S07	RECESSED HEATER, REFER TO MECHANICAL DRAWINGS AND COORDINATE LOCATION WITH ELEVATOR MANUFACTURER. PROVIDE 4" GROUTED OR SOLID MASONRY BLOCK BEHIND UNIT TO PROVIDE CONTINUOUS 1-HOUR WALL RATING.
S08	DOOR, DOOR FRAME AND HARDWARE FURNISHED AND INSTALLED BY OWNER'S VENDOR. GC TO COORDINATE OPENING SIZE AND LOCATION WITH OWNER'S VENDOR
S09	PROVIDE TEMPORARY BARRIER ACROSS DOOR OPENING UNTIL LIFT IS INSTALLED AND FULLY OPERATIONAL
S10	CONCRETE FOOTING, REFER TO STRUCTURAL DRAWINGS
S11	REGLET WITH SEALANT, REF. STRUCT DWGS.
S12	WHEELCHAIR LIFT, FURNISHED BY OWNER & INSTALLED BY OWNER'S VENDOR
S13	COMPRESSIBLE JOINT MATERIAL WITH SEALANT
S16	CONCRETE METAL DECK, REFER TO STRUCTURAL
S17	CONCRETE SLAB OVER VAPOR BARRIER OVER COMPACTED STRUCTURAL FILL, SEE STRUCTURAL FOR THICKNESS
S18	CONCRETE SLAB, SEE STRUCTURAL DRAWINGS
S19	POURED / STEPPED CONCRETE FOUNDATION, REFER TO STRUCTURAL DRAWINGS
S20	GC TO COORDINATE R.O. REQUIREMETNS IN MASONRY WALL WITH APPROVED ELEVATOR MANUFACTURER.
S21	COORDINATE HOISTWAY SIZE WITH APPROVED ELEVATOR MANUF.
S23	CMU BOND BEAM, REFER TO STRUCTURAL
S30	CONCRETE ELEVATOR FOOTING, REFER TO STRUCTURAL DRAWINGS
S31	ELEVATOR PIT AND SUMP WATERPROOFING SYSTEM
S32	ELEVATOR PIT LADDER, SEE DETAIL 1/A502. COORDINATE WITH ELEVATOR MANUFACTURER.
S33	ELEVATOR HOIST BEAM, REFER TO STRUCTURAL AND COORDINATE ELEVATION WITH ELEVATOR SUPPLIER
S34	ELEVATOR LIFELINE BEAM, REFER TO STRUCTURAL AND COORDINATE ELEVATION WITH ELEVATOR SUPPLIER
S38	GYPSUM BOARD CEILING, SEE RCP
S39	SUPPORT ANGLE, REFER TO STRUCTURAL

PLAN KEYNOTES

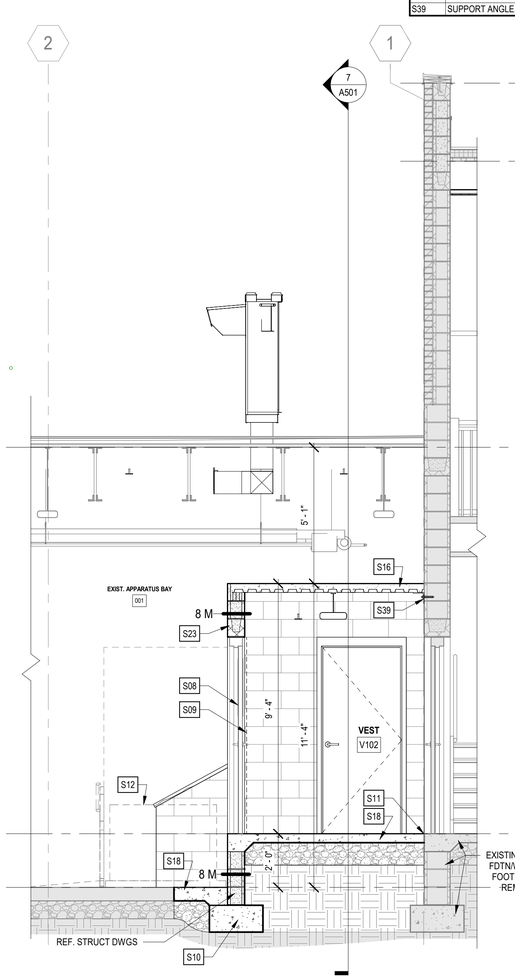
P05	SECTION OF REPLACED SLAB ON GRADE, REFER TO STRUCTURAL DRAWINGS.



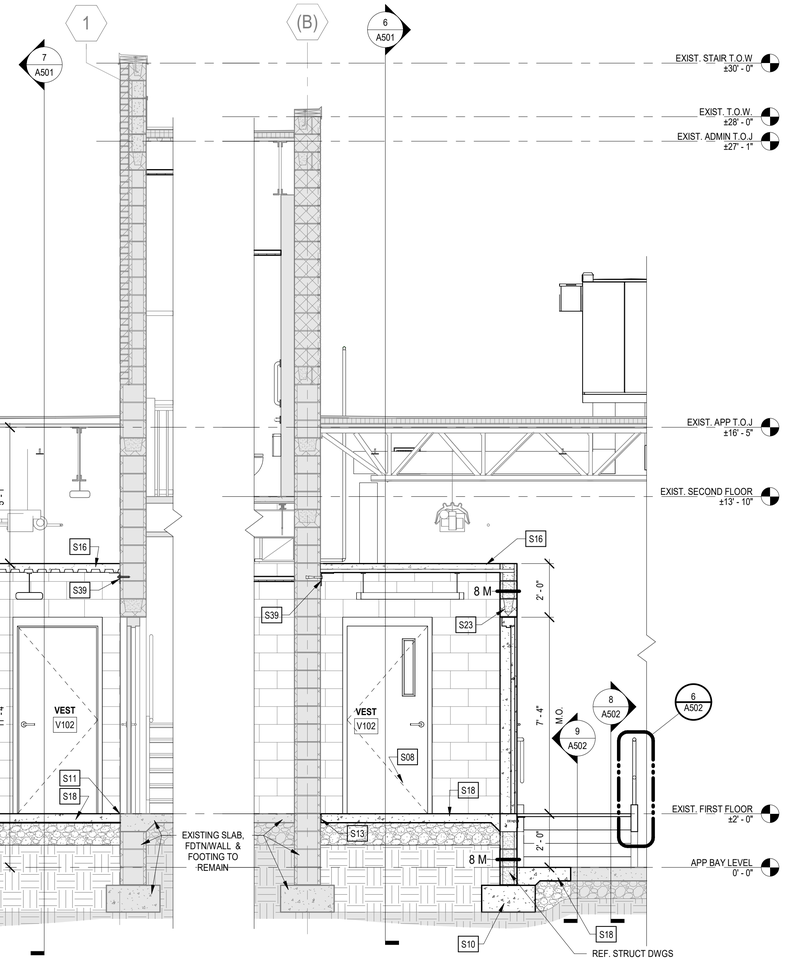
3 ELEVATOR SECTION
SCALE: 3/8" = 1'-0"



4 ELEVATOR SECTION
SCALE: 3/8" = 1'-0"



6 LIFT SECTION
SCALE: 3/8" = 1'-0"



7 LIFT SECTION
SCALE: 3/8" = 1'-0"

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CONSTRUCTION DOCUMENTS

wendel

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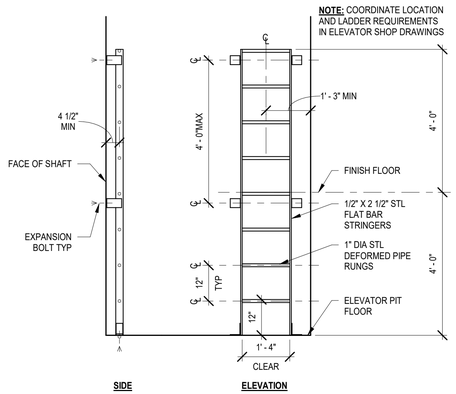
DWG. TITLE

VERTICAL CIRCULATION - PLAN AND SECTIONS

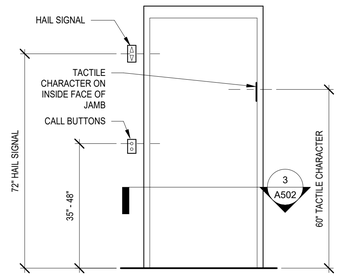
0 1" 2"
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SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING. IF NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY

DATE	06/15/2026
SCALE	As indicated
DWN.	SSS CHK. NM
PROJ. No.	653001
DWG. No.	

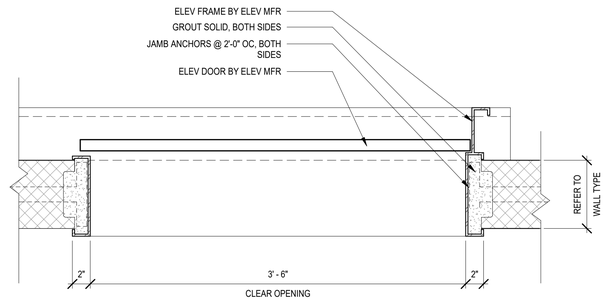
A501



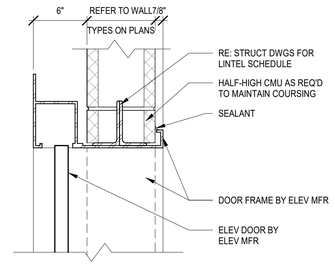
1 ELEVATOR PIT LADDER
SCALE: 1/2" = 1'-0"



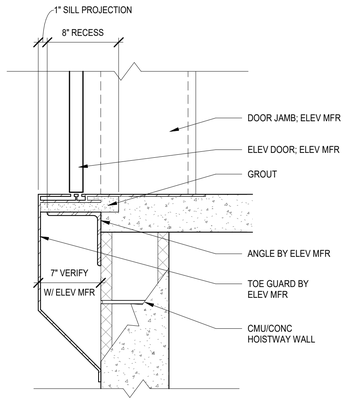
2 ELEVATOR DOOR ELEVATION
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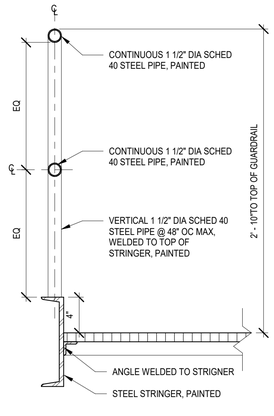
3 ELEVATOR JAMB
SCALE: 1 1/2" = 1'-0"



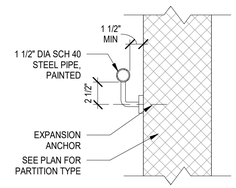
4 ELEVATOR HEAD
SCALE: 1 1/2" = 1'-0"



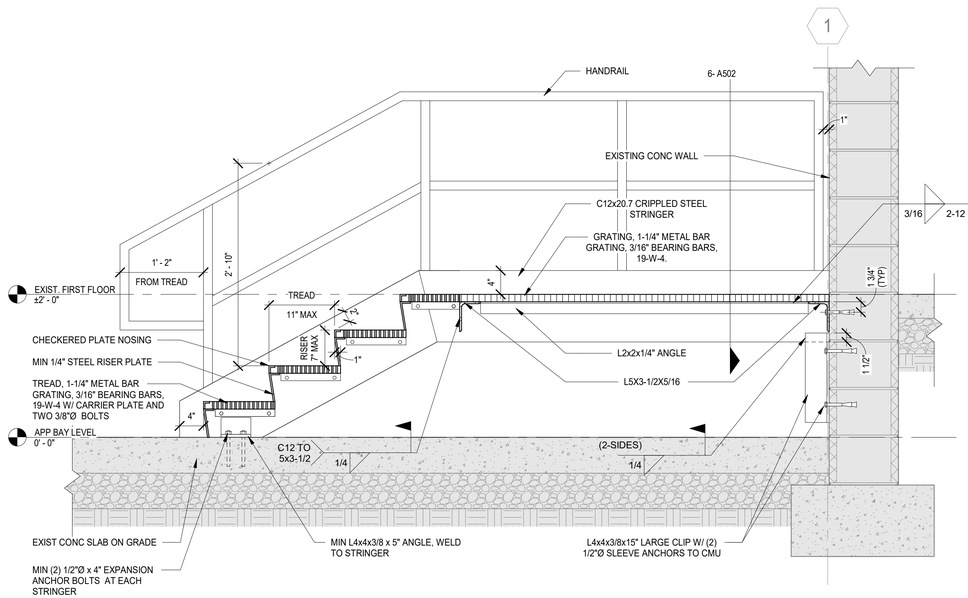
5 ELEVATOR SILL
SCALE: 1 1/2" = 1'-0"



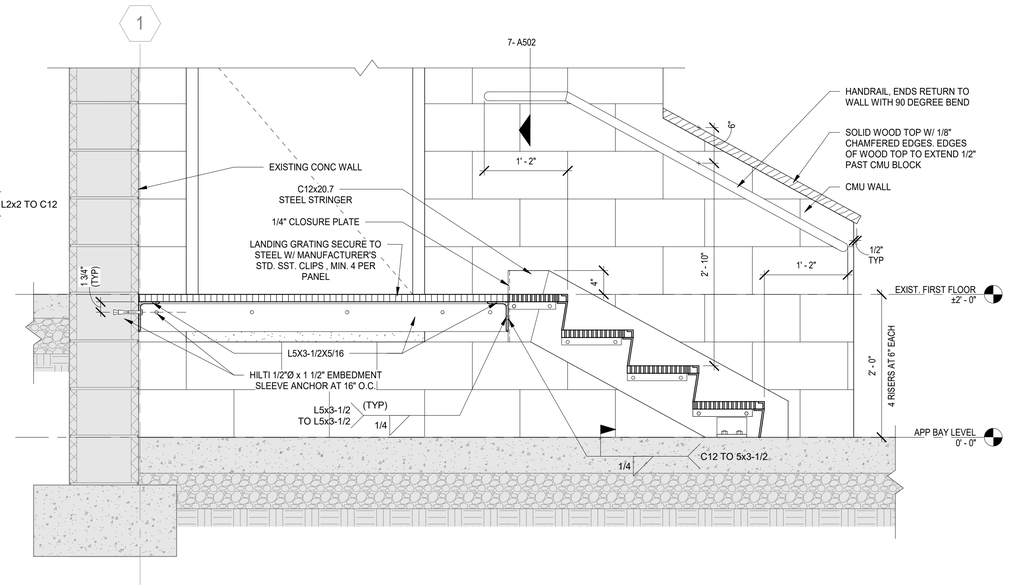
STAIR DETAIL - PIPE GUARDRAIL @ STRINGER
SCALE: 1 1/2" = 1'-0"



STAIR DETAIL - HANDRAIL
SCALE: 1 1/2" = 1'-0"



8 STAIR SECTION
SCALE: 1" = 1'-0"



9 STAIR SECTION
SCALE: 1" = 1'-0"

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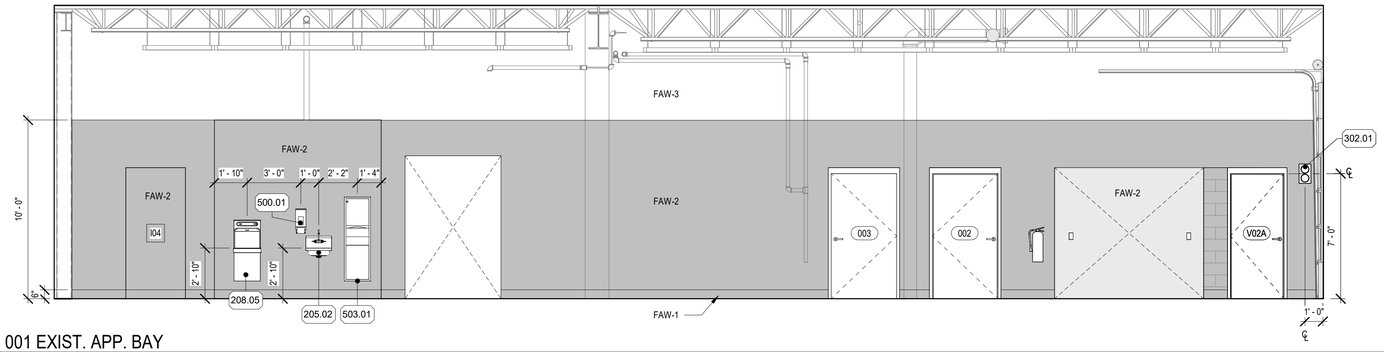
NO.	REVISIONS	DATE
0	ISSUED FOR BID	06/15/2026

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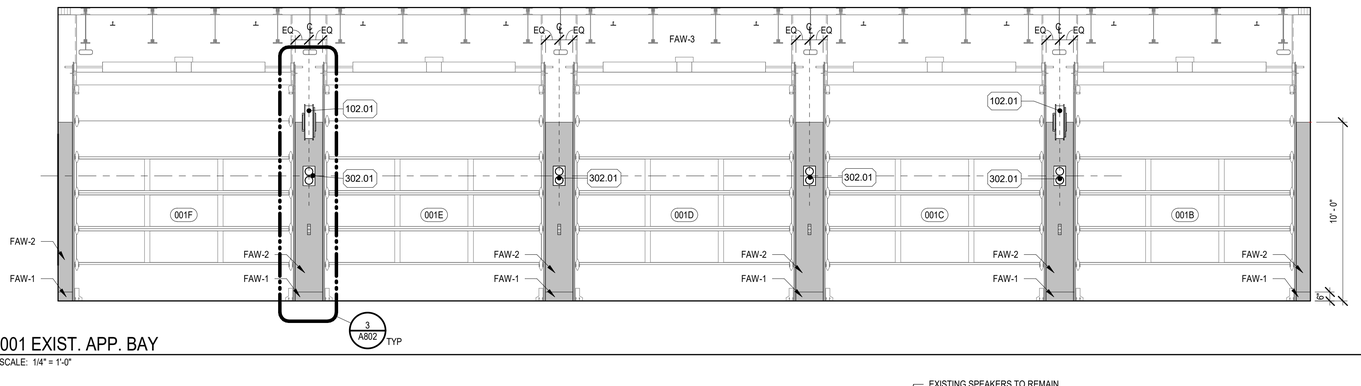
ELEVATOR AND STAIR DETAILS

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SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING. IF NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY.

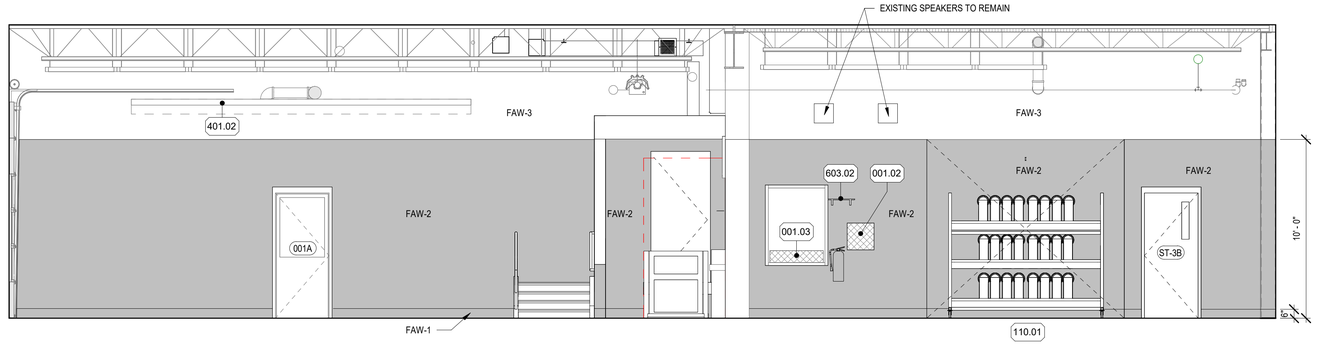
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PROJ. No.	653001
DWG. No.	A502



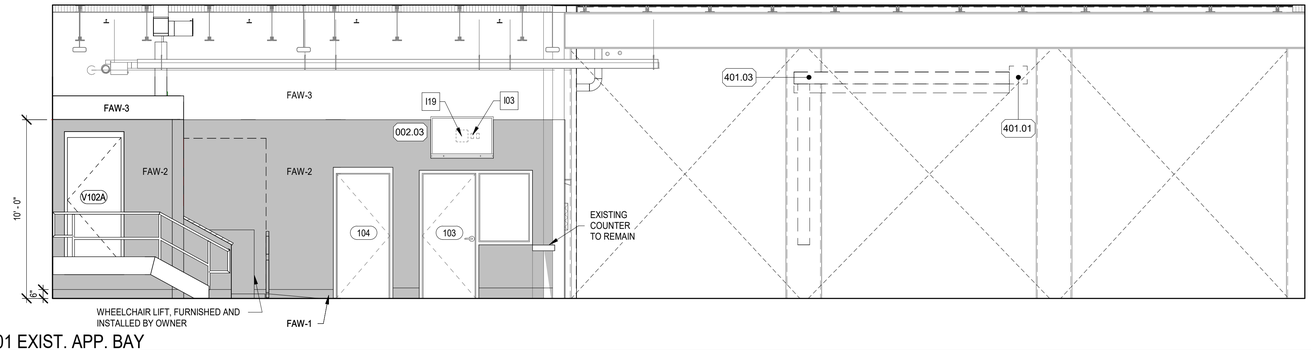
1 001 EXIST. APP. BAY
SCALE: 1/4" = 1'-0"



2 001 EXIST. APP. BAY
SCALE: 1/4" = 1'-0"



3 001 EXIST. APP. BAY
SCALE: 1/4" = 1'-0"



4 001 EXIST. APP. BAY
SCALE: 1/4" = 1'-0"

EQUIPMENT

MARK	DESCRIPTION
002.04	BASE CABINETS
014.02	DESK
015.02	REINSTALL EXISTING GAS RANGE
015.04	REINSTALL EXISTING OVER THE RANGE MICROWAVE
016.01	REFRIGERATOR
018.02	EXISTING WORK BENCH
110.01	MOBILE HOSE RACK, 3 TIERS, 104" (L) x 87" (H) x 34" (W)
117.01	PANEL TO HOUSE SCBA PACKS (25 1/4"H x 72"W)
125.02	SCBA CASCADE - 4 TANKS
128.01	EXISTING SCBA FILL
131.01	SCBA MASK, BOTTLE AND GLOVE SANITIZER
135.01	EXISTING TOOL BOX TO BE RELOCATED
137.01	EXISTING TURNOUT GEAR DRYER
201.01	TWO BASIN SINK W/ DRAINBOARDS ON EACH SIDE (72"L x 28"D)
203.01	T&S HEAVY DUTY PRE-RINSE FAUCET
203.03	EXISTING FAUCET
204.01	24"x24" MOP BASIN WITH SERVICE FAUCET AND HOOK STAINLESS STEEL MOP HOLDER AND (2) WALL GUARDS
208.01	BOTTLE FILLER / WATER COOLER
215.01	SINK
402.01	HIGH PRESSURE COMPRESSOR
403.01	EXISTING HOUSE AIR COMPRESSOR
500.01	SOAP DISPENSER
504.01	SST BAR POT RACK (65" WIDE)
602.01	WALL MOUNTED SHELVING WITH STANDARDS AND BRACKETS
602.04	EXISTING SHELVING UNIT
604.01	UTILITY SHELF W/4 HOOKS 3 HOLDERS (34" W)
605.01	STAINLESS STEELSHELF (12"D x 24"L)
607.02	48" WALL MOUNTED COAT RACK

INTERIOR ELEVATION KEYNOTES

I03	DATA AND POWER TO BE LOCATED BEHIND MONITOR, SEE ELECTRICAL DRAWINGS
I04	INFILLED EXISTING OPENING
I19	MOUNTING BRACKET (N.I.C.)

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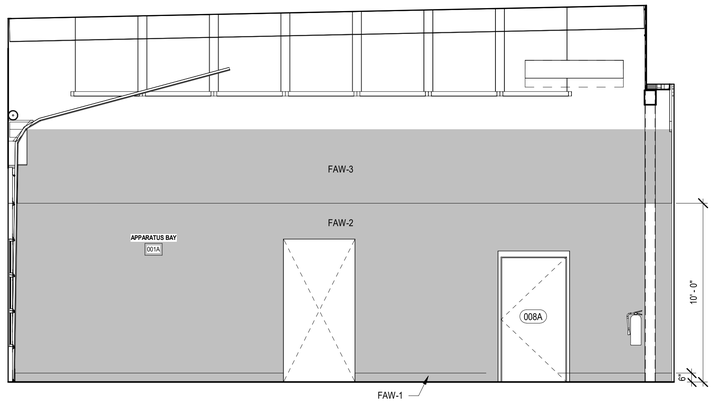
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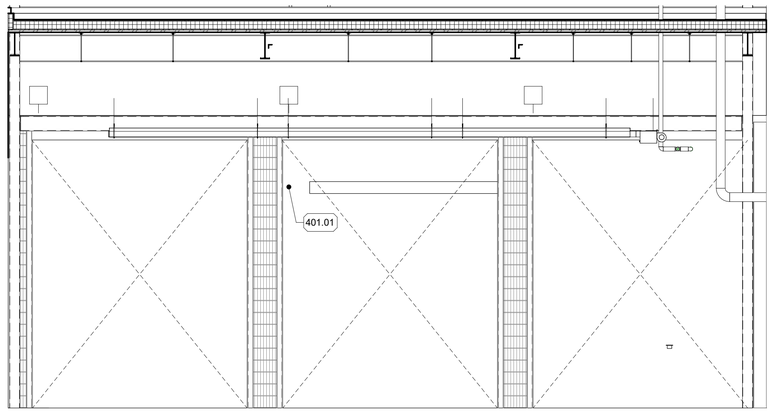
INTERIOR ELEVATIONS

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SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING.
IF NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY

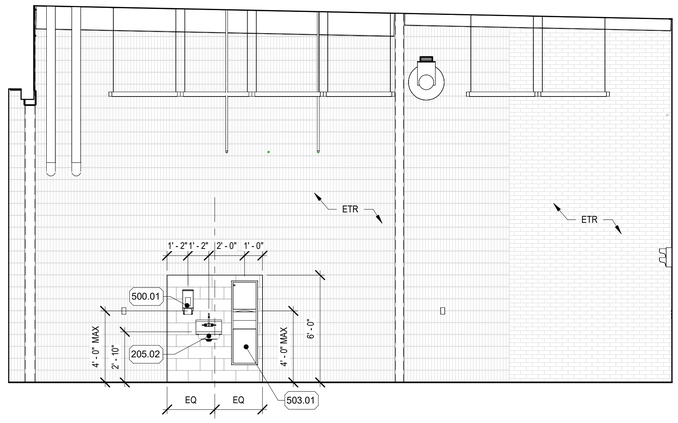
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PROJ. No.	653001
DWG. No.	A601



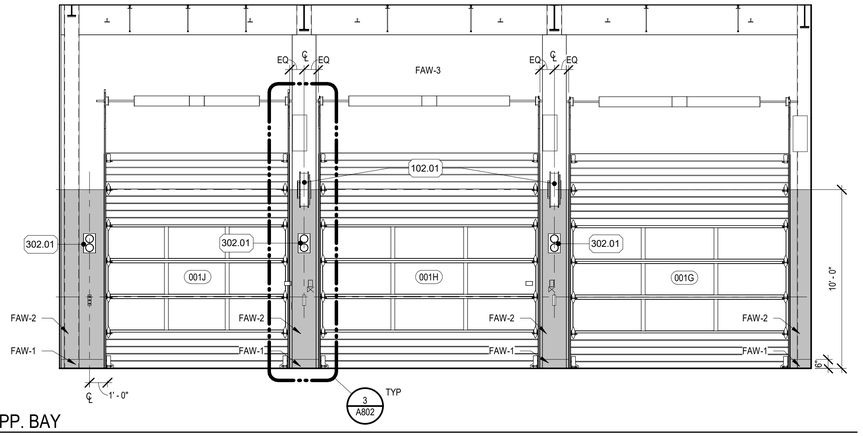
1 001A APP. BAY
SCALE: 1/4" = 1'-0"



2 001A APP. BAY
SCALE: 1/4" = 1'-0"



3 001A APP. BAY
SCALE: 1/4" = 1'-0"



4 001A APP. BAY
SCALE: 1/4" = 1'-0"

EQUIPMENT

MARK	DESCRIPTION
002.01	EMERGENCY RESPONDER SYSTEM MONITOR
002.06	SST CABINETRY & COUNTER
112.02	30" X 24" WALL MOUNTED LOCKER
137.01	EXISTING TURNOUT GEAR DRYER

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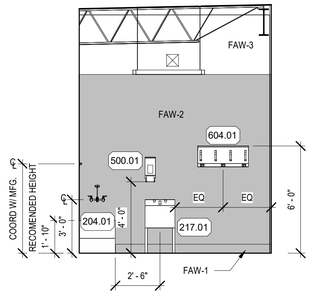
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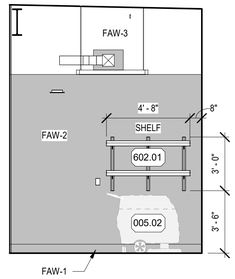
INTERIOR ELEVATIONS

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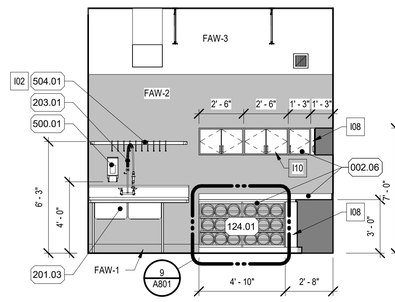
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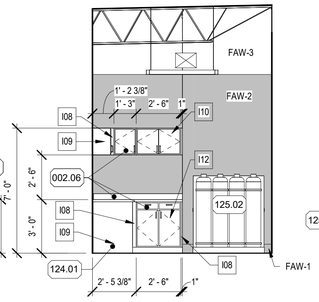
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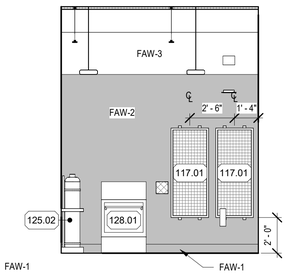
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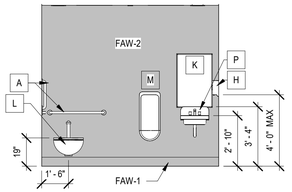
3 004 SCBA FILL
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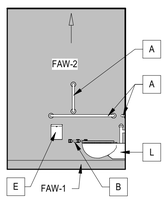
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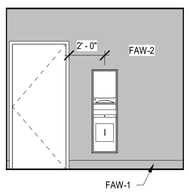
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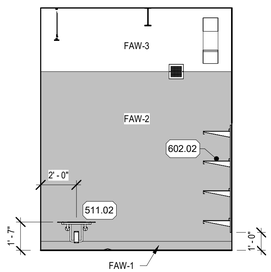
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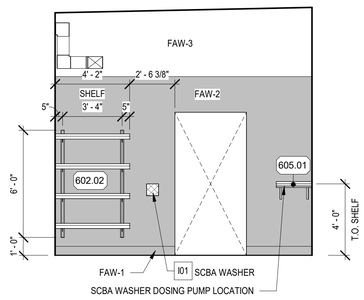
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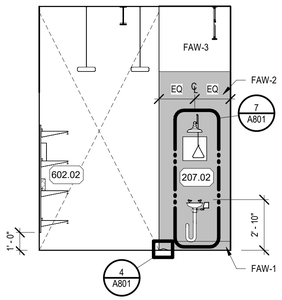
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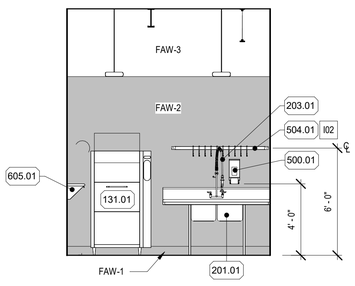
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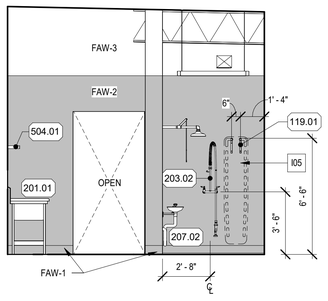
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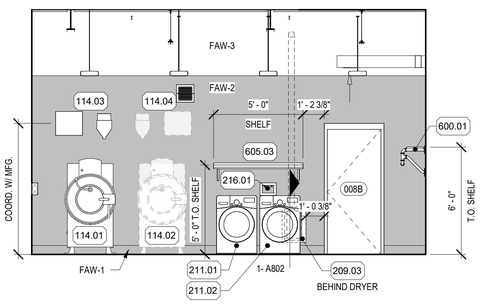
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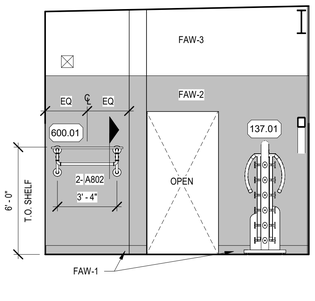
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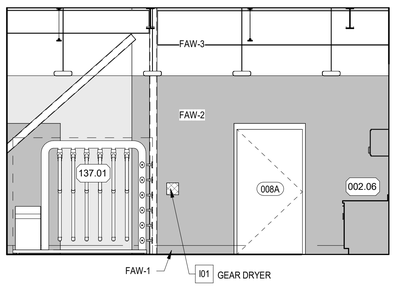
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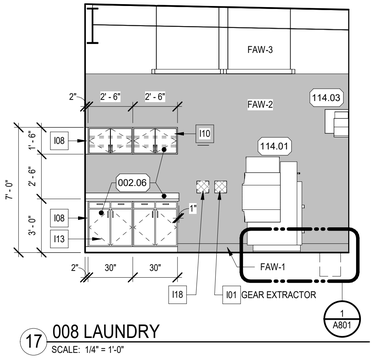
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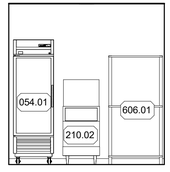
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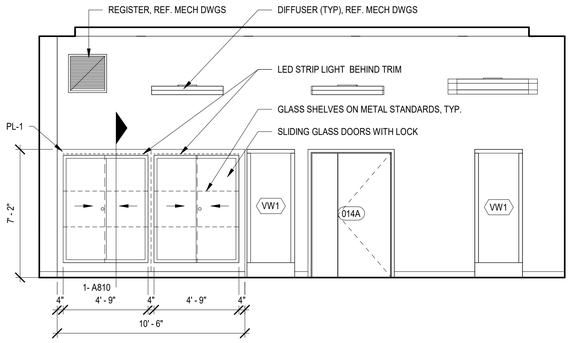
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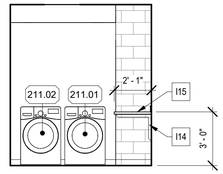
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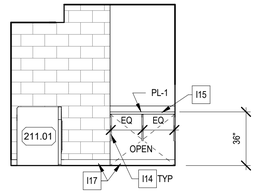
18 013 HYDRATION
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19 014 DISPLAY
SCALE: 1/4" = 1'-0"



20 015 LAUNDRY
SCALE: 1/4" = 1'-0"



21 015 LAUNDRY
SCALE: 1/4" = 1'-0"

ACCESSORY KEYNOTES

A	GRAB BARS, RE: TYPICAL FIXTURE MOUNTING HEIGHTS
B	TOILET PAPER DISPENSER
E	SANITARY DISPOSAL - SURFACE MOUNTED
H	SOAP DISPENSER
I	TOWEL DISPENSER & WASTE DISPOSAL - RECESSED
K	24" x 36" MIRROR
L	WALL HUNG TOILET - SEE PLUMBING SCHEDULE
M	URINAL - SEE PLUMBING SCHEDULE
P	SINK - SEE PLUMBING SCHEDULE

INTERIOR ELEVATION KEYNOTES

I01	DISCONNECT, SEE ELECTRICAL DRAWINGS AND INTERIOR ELEVATIONS
I02	CENTER ON SINK AFTER PLACEMENT OF SINK IS ESTABLISHED
I05	BACKBOARD NIC
I08	FILLER, AS REQUIRED U.N.O.
I09	END PANEL
I10	12" UPPER CABINET (TYP)
I12	24" DEEP BASE CABINET (TYP)
I13	30" DEEP BASE CABINET (TYP)
I14	NON-INTRUSIVE BRACKET SPACED AT 3'-0" MAX
I15	PLASTIC LAMINATE COUNTERTOP WITH 4" BACKSPLASH
I17	WALL BASE, SEE FINISH PLANS AND FINISH SCHEDULE
I18	JUNCTION BOX FOR FUTURE GEAR EXTRACTOR DISCONNECT SWITCH, SEE ELECTRICAL DRAWINGS

EQUIPMENT

MARK	DESCRIPTION
002.01	EMERGENCY RESPONDER SYSTEM MONITOR
002.06	SST CABINETRY & COUNTER
003.01	RECLINER
005.02	WALK-BEHIND FLOOR SCRUBBER
054.01	REACH-IN SWING DOOR REFRIGERATOR
112.02	30" X 24" WALL MOUNTED LOCKER
114.01	EXISTING 50LB EXTRACTOR
114.02	FUTURE 65LB EXTRACTOR, NIC
114.03	EXISTING GEAR WASH SOAP SYSTEM
114.04	FUTURE GEAR WASH SOAP SYSTEM
117.01	PANEL TO HOUSE SCBA PACKS (25 1/4"H x 72"W)
119.01	ANGLE BRACKETS
124.01	BUILT IN SCBA BOTTLE STORAGE RACK FOR (18) AIR BOTTLES
125.02	SCBA CASCADE - 4 TANKS
128.01	EXISTING SCBA FILL
131.01	SCBA MASK, BOTTLE AND GLOVE SANITIZER
137.01	EXISTING TURNOUT GEAR DRYER
201.01	TWO BASIN SINK W/ DRAINBOARDS ON EACH SIDE (72"L x 28"D)
201.03	TWO BASIN SINK W/ DRAIN BOARD ON RIGHT SIDE (67"L x 28"D)
203.01	T&S HEAVY DUTY PRE-RINSE FAUCET
203.02	T&S HEAVY DUTY MIXING FAUCET WITH 72" FLEXIBLE STEEL HOSE AND HIGH FLOOW SPRAY VALVE
204.01	24"x24" MOP BASIN WITH SERVICE FAUCET AND HOOK STAINLESS STEEL MOP HOLDER AND (2) WALL GUARDS
206.02	RECESS-MOUNTED ADA COMPLIANT WALL SHOWER WITH RECESSED SOAP DISH
207.02	EYE WASH & EMERGENCY SHOWER
209.03	METAL DRYER VENT BOX (12 1/2"W x 21"H x 5 1/4"D)
210.02	EXISTING ICE MAKER
211.01	FRONT LOAD WASHER
211.02	FRONT LOAD DRYER
216.01	VALVE BOX
217.01	REINSTALL EXISTING LAUNDRY STYLE SINK W/ FACUET FROM APP BAY IN JANITOR ROOM 002.
301.01	EXISTING SCANNER WITH EXISTING WALL MOUNTED BRACKETS.
402.01	HIGH PRESSURE COMPRESSOR
403.01	EXISTING HOUSE AIR COMPRESSOR
500.01	SOAP DISPENSER
504.01	SST BAR POT RACK (65" WIDE)
505.01	PHENOLIC PARTITION WITH DOOR
509.03	WALL MOUNTED BENCH
510.01	PHENOLIC PEDESTAL ADA BENCH WITHOUT BACK SUPPORT
511.02	PHENOLIC FOLDING SEAT
600.01	CUSTOM HEAVY DUTY GEAR DRYING RACK (4'-0")
602.01	WALL MOUNTED SHELVING WITH STANDARDS AND BRACKETS
602.02	WALL MOUNTED SHELVING - 4 SHELVES (18"D x 4'-2"W) WITH (2) UPRIGHTS AT 6'-0"H
604.01	UTILITY SHELF W/4 HOOKS 3 HOLDERS (34" W)
605.01	STAINLESS STEELSHELF (12"D x 24"L)
605.03	STAINLESS STEEL SHELF (12"D x 60"L)
606.01	STORAGE RACK (96"X36"X72")
607.02	48" WALL MOUNTED COAT RACK
611.03	PHENOLIC LOCKER (12"X12")

MARLBOROUGH FIRE DISTRICT

MARLBORO HOSE CO. NO. 1
14 GRAND STREET,
MARLBORO, NY 12542

MARLBOROUGH FIRE STATION ADDITIONS AND RENOVATION

CONSTRUCTION DOCUMENTS

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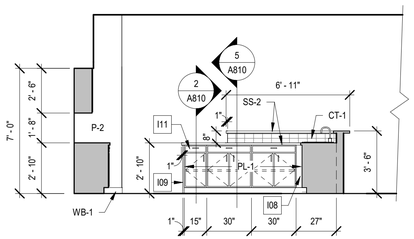
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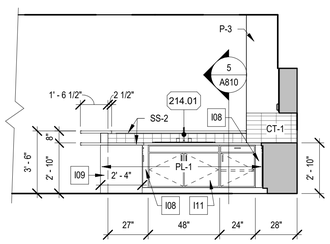
INTERIOR ELEVATIONS

GENERIC SCALE BAR
SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING. IF NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY

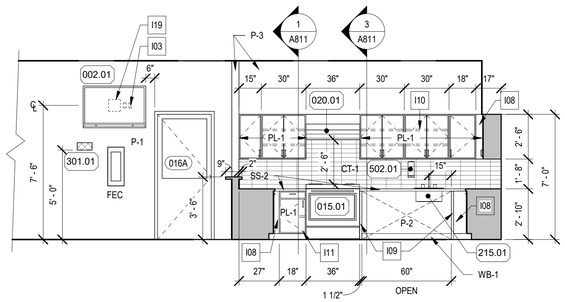
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CHK.	NM
PROJ. No.	653001
DWG. No.	A603



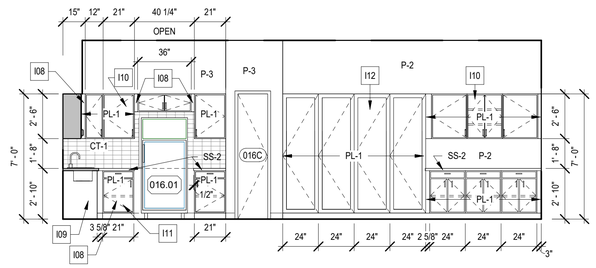
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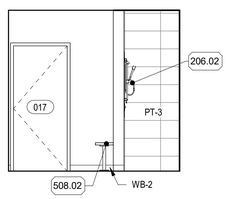
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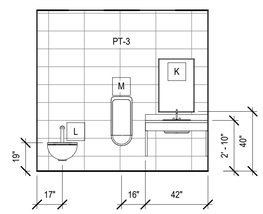


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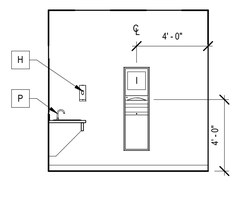


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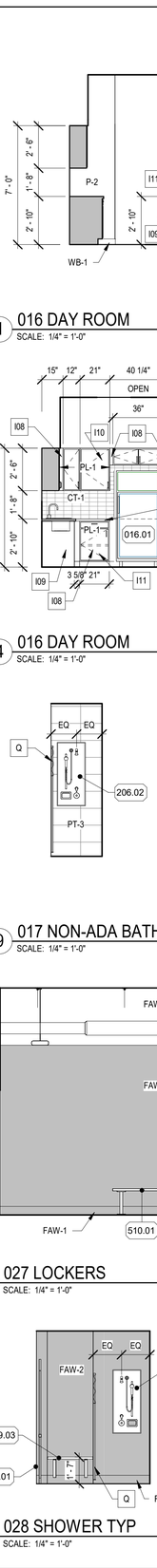
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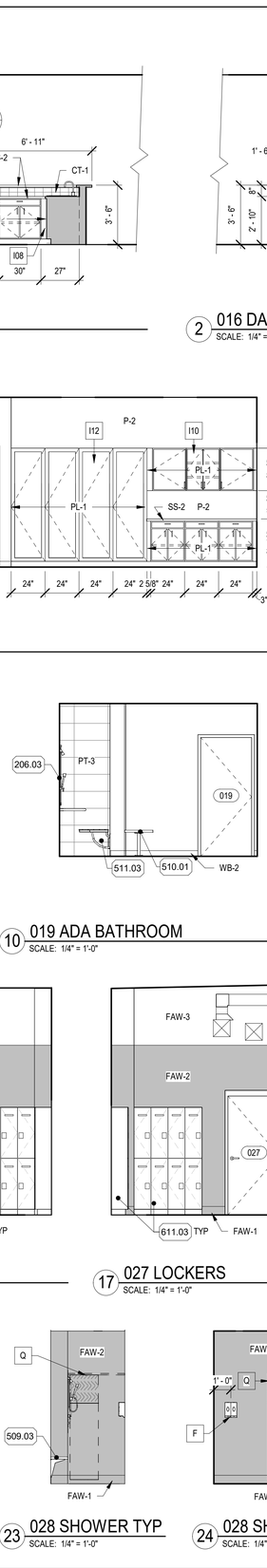
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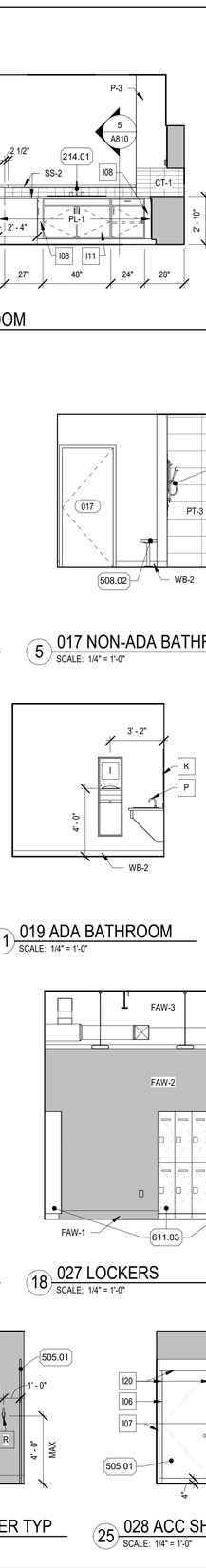
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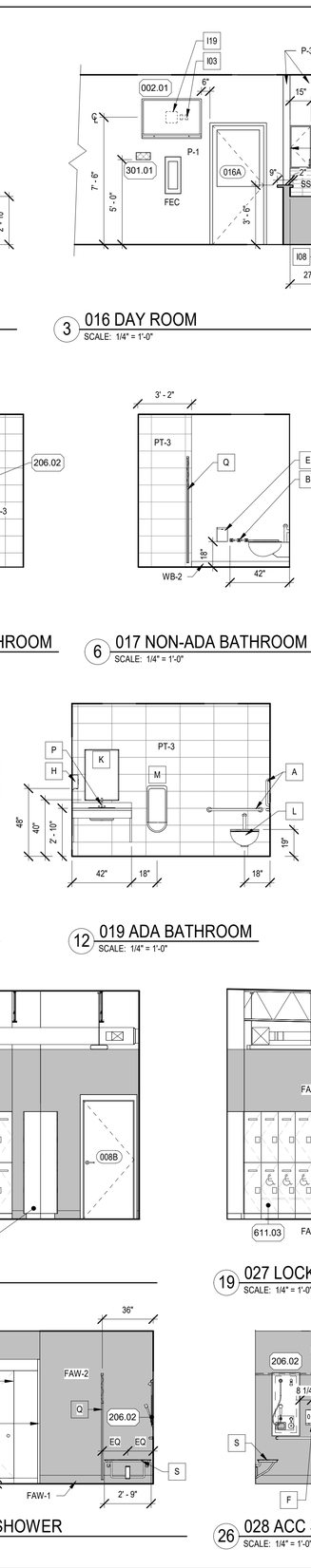
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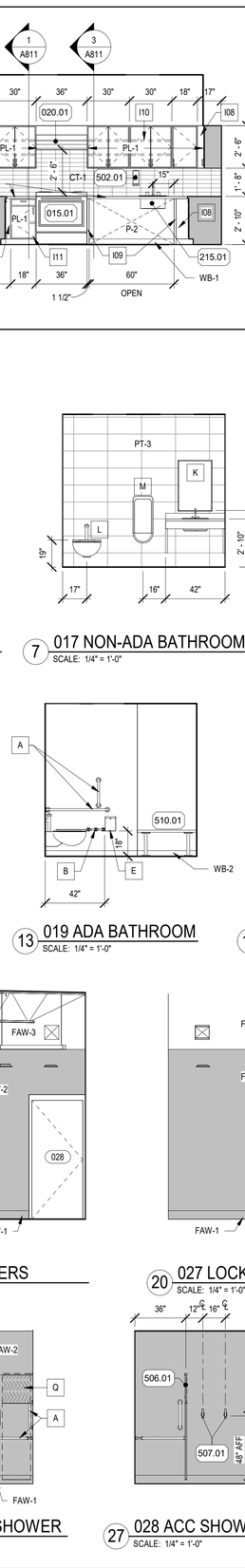
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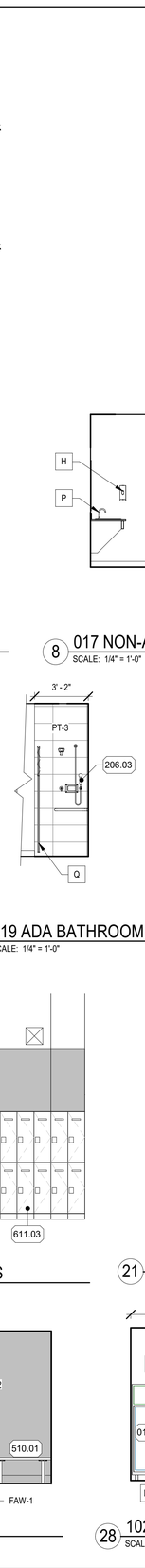
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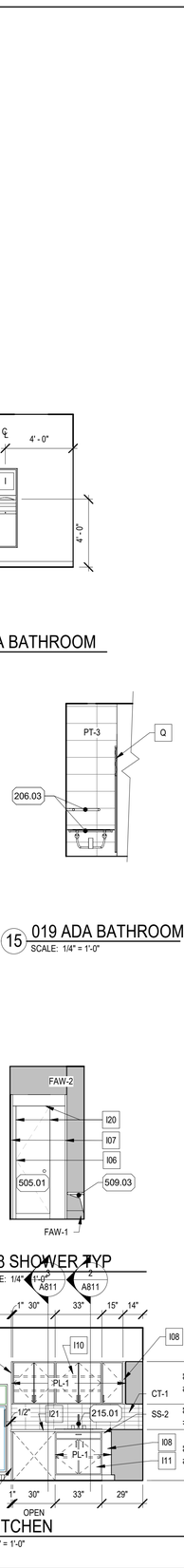
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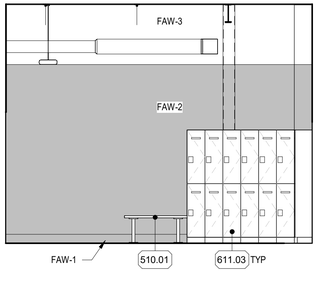
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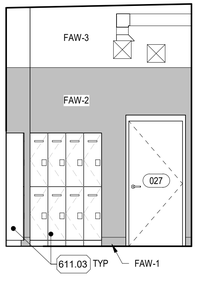
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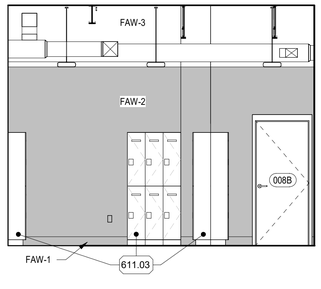
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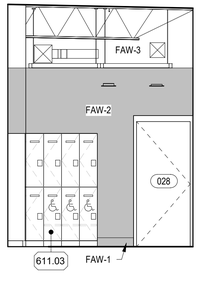
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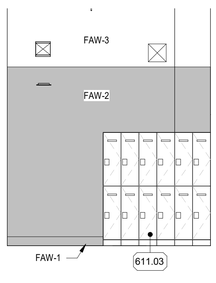
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18 027 LOCKERS
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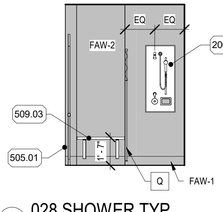


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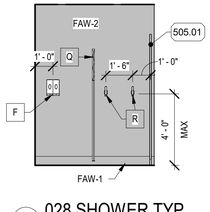
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21 028 SHOWER TYP
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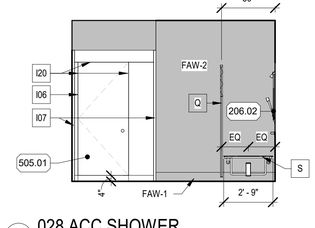


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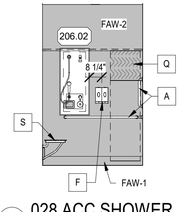
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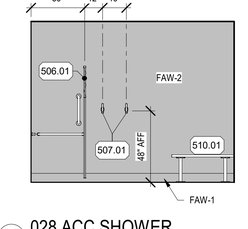
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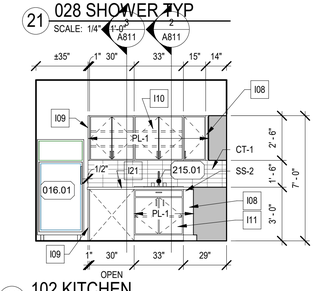
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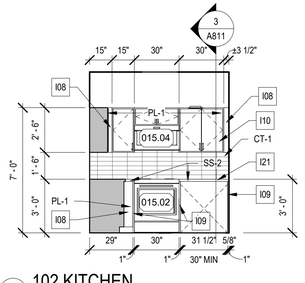
26 028 ACC SHOWER
SCALE: 1/4" = 1'-0"



27 028 ACC SHOWER
SCALE: 1/4" = 1'-0"



28 102 KITCHEN
SCALE: 1/4" = 1'-0"



29 102 KITCHEN
SCALE: 1/4" = 1'-0"

ACCESSORY KEYNOTES

A	GRAB BARS, RE: TYPICAL FIXTURE MOUNTING HEIGHTS
B	TOILET PAPER DISPENSER
E	SANITARY DISPOSAL - SURFACE MOUNTED
F	SHAMPOO & BODY WASH COMBO DISPENSER
H	SOAP DISPENSER
I	TOWEL DISPENSER & WASTE DISPOSAL - RECESSED
K	24" x 36" MIRROR
L	WALL HUNG TOILET - SEE PLUMBING SCHEDULE
M	URINAL - SEE PLUMBING SCHEDULE
P	SINK - SEE PLUMBING SCHEDULE
Q	SHOWER CURTAIN WITH ROD AND HOOKS
R	ROBE/TOWEL HOOKS
S	FOLDING SHOWER SEAT MOUNTED PER ADA REQUIREMENTS

INTERIOR ELEVATION KEYNOTES

I03	DATA AND POWER TO BE LOCATED BEHIND MONITOR, SEE ELECTRICAL DRAWINGS
I06	CONTINUOUS HINGE, TYP. NO GAPS
I07	CONTINUOUS "U" CHANNEL, NO GAPS BETWEEN PARTITION & WALL, TYP.
I08	FILLER, AS REQUIRED U.N.O.
I09	END PANEL
I10	12" UPPER CABINET (TYP)
I11	23" DEEP BASE CABINET (TYP)
I12	24" DEEP BASE CABINET (TYP)
I19	MOUNTING BRACKET (N.I.C.)
I20	NO GAP BETWEEN PARTITION AND DOOR, TYP.
I21	SOLID SURFACE COUNTERTOP WITHOUT BACKSPLASH

EQUIPMENT

MARK	DESCRIPTION
002.01	EMERGENCY RESPONDER SYSTEM MONITOR
002.06	SST CABINETRY & COUNTER
005.02	WALK-BEHIND FLOOR SCRUBBER
015.01	36" GAS RANGE & GRIDDLE WITH OVEN.
015.02	REINSTALL EXISTING GAS RANGE
015.04	REINSTALL EXISTING OVER THE RANGE MICROWAVE
016.01	REFRIGERATOR
020.01	RANGE EXHUAST HOOD
114.01	EXISTING 50LB EXTRACTOR
114.02	FUTURE 65LB EXTRACTOR, NIC
114.03	EXISTING GEAR WASH SOAP SYSTEM
114.04	FUTURE GEAR WASH SOAP SYSTEM
124.01	BUILT IN SCBA BOTTLE STORAGE RACK FOR (18) AIR BOTTLES
125.02	SCBA CASCADE - 4 TANKS
128.01	EXISTING SCBA FILL
201.03	TWO BASIN SINK W/ DRAIN BOARD ON RIGHT SIDE (67"L x 28"D)
204.01	24"x24" MOP BASIN WITH SERVICE FAUCET AND HOOK STAINLESS STEEL MOP HOLDER AND (2) WALL GUARDS
206.02	RECESS-MOUNTED ADA COMPLIANT WALL SHOWER WITH RECESSED SOAP DISH
206.03	ADA COMPLIANT IN-WALL SHOWER WITH ADA GRAB BARS, ADA COMPLIANT SHOWER SEAT AND RECESSED SOAP DISH
208.01	BOTTLE FILLER / WATER COOLER
209.03	METAL DRYER VENT BOX (12 1/2"W x 21"H x 5 1/4"D)
211.01	FRONT LOAD WASHER
211.02	FRONT LOAD DRYER
214.01	SINK: DOUBLE BASIN
215.01	SINK
216.01	VALVE BOX
301.01	EXISTING SCANNER WITH EXISTING WALL MOUNTED BRACKETS.
402.01	HIGH PRESSURE COMPRESSOR
403.01	EXISTING HOUSE AIR COMPRESSOR
505.01	PHENOLIC PARTITION WITH DOOR
508.02	PEDESTAL BENCH
509.03	WALL MOUNTED BENCH
510.01	PHENOLIC PEDESTAL ADA BENCH WITHOUT BACK SUPPORT
511.02	PHENOLIC FOLDING SEAT
602.01	WALL MOUNTED SHELVING WITH STANDARDS AND BRACKETS
602.02	WALL MOUNTED SHELVING - 4 SHELVES (18"D x 4'-2"W) WITH (2) UPRIGHTS AT 6'-0"H
606.01	STORAGE RACK (96"X36"X72")
607.02	48" WALL MOUNTED COAT RACK
611.03	<varies>

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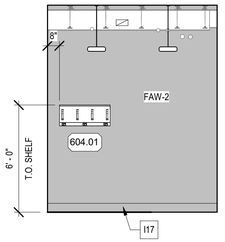
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0	ISSUED FOR BID	06/15/2026

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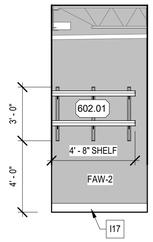
INTERIOR ELEVATIONS

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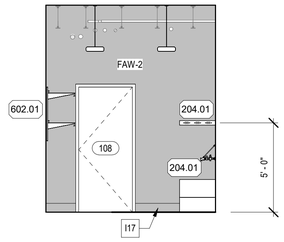
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PROJ. No.	653001
DWG. No.	A604



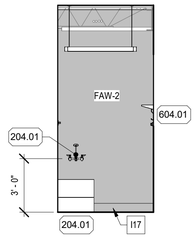
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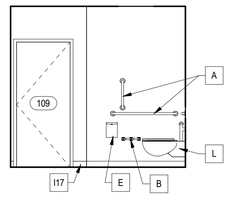
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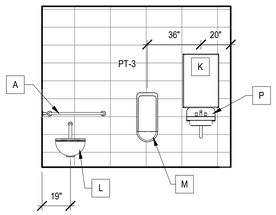
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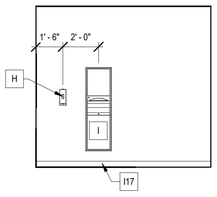
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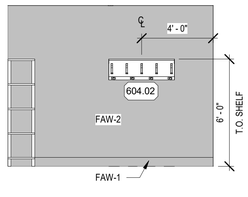
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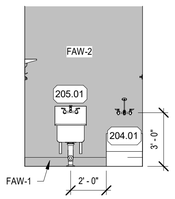
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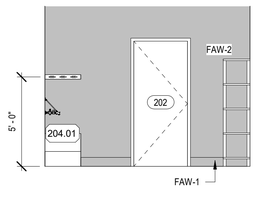
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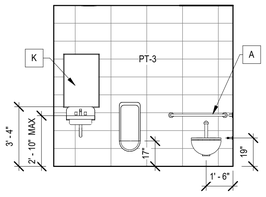
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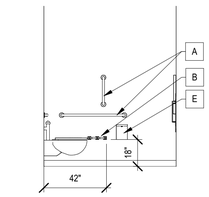
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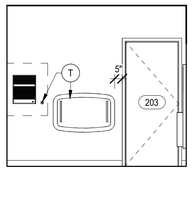
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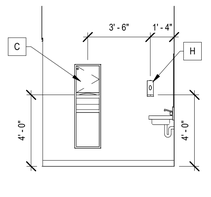
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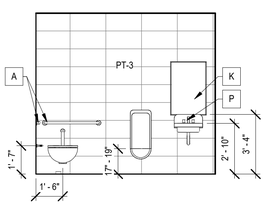
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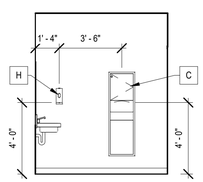
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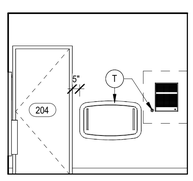
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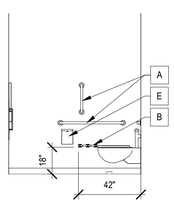
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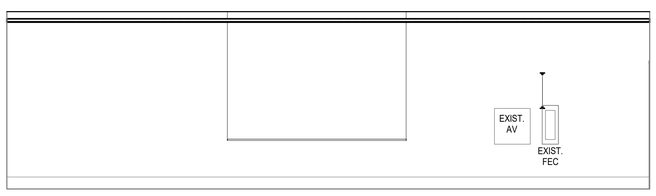
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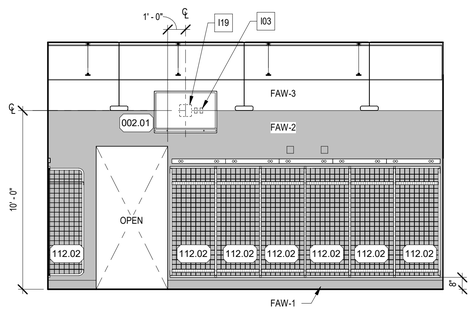
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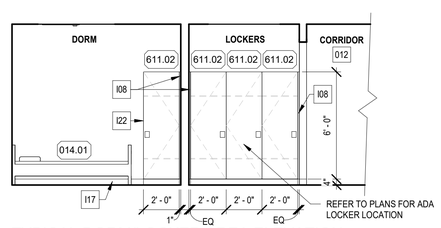
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SCALE: 1/4" = 1'-0"



19 207 MEETING ROOM
SCALE: 1/4" = 1'-0"



20 011 TURN OUT GEAR
SCALE: 1/4" = 1'-0"



21 TYPICAL DORM/LOCKER AREA ELEVATION
SCALE: 1/4" = 1'-0"

ACCESSORY KEYNOTES

A	GRAB BARS, RE: TYPICAL FIXTURE MOUNTING HEIGHTS
B	TOILET PAPER DISPENSER
C	TOWEL DISPENSER & WASTE DISPOSAL - SEMI RECESSED
E	SANITARY DISPOSAL - SURFACE MOUNTED
H	SOAP DISPENSER
I	TOWEL DISPENSER & WASTE DISPOSAL - RECESSED
K	24" x 36" MIRROR
L	WALL HUNG TOILET - SEE PLUMBING SCHEDULE
M	URINAL - SEE PLUMBING SCHEDULE
P	SINK - SEE PLUMBING SCHEDULE
T	RECESSED BABY CHANGING STATION WITH BAG HOOK

INTERIOR ELEVATION KEYNOTES

I03	DATA AND POWER TO BE LOCATED BEHIND MONITOR, SEE ELECTRICAL DRAWINGS
I08	FILLER, AS REQUIRED U.N.O.
I17	WALL BASE, SEE FINISH PLANS AND FINISH SCHEDULE
I19	MOUNTING BRACKET (N.I.C.)
I22	FINISHED END

EQUIPMENT

MARK	DESCRIPTION
002.01	EMERGENCY RESPONDER SYSTEM MONITOR
002.06	SST CABINETRY & COUNTER
014.01	BED-BUNK
015.02	REINSTALL EXISTING GAS RANGE
015.04	REINSTALL EXISTING OVER THE RANGE MICROWAVE
018.01	PLACEHOLDER DESK
112.02	30" X 24" WALL MOUNTED LOCKER
204.01	24"x24" MOP BASIN WITH SERVICE FAUCET AND HOOK STAINLESS STEEL MOP HOLDER AND (2) WALL GUARDS
205.01	WALL HUNG SERVICE SINK
208.01	BOTTLE FILLER / WATER COOLER
602.01	WALL MOUNTED SHELVING WITH STANDARDS AND BRACKETS
604.01	UTILITY SHELF W/4 HOOKS 3 HOLDERS (34" W)
604.02	UTILITY SHELF W/5 HOOKS 4 HOLDERS 44" W
606.02	FREE STANDING SHELVING
607.02	48" WALL MOUNTED COAT RACK
611.02	PHENOLIC SINGLE TIER BUNK ROOM LOCKER WITH LOCKABLE CABINET (24"W x 24"D x 72"H)

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DWG. TITLE

INTERIOR ELEVATIONS

0 1" 2"
GENERIC SCALE BAR
SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING. IF NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY

DATE	06/15/2026
SCALE	1/4" = 1'-0"
DWN.	SSS CHK. NM
PROJ. No.	653001
DWG. No.	

A605



1 REFLECTED CEILING PLAN - FIRST FLOOR

SCALE: 1/8" = 1'-0"

GENERAL RCP NOTES:

1. FIRST FLOOR AND APPARATUS BAY LEVEL ACOUSTIC AND GYPSUM BOARD CEILING HEIGHTS TO BE 9' - 0" ABOVE FINISHED FLOOR, UNLESS OTHERWISE NOTED.
2. SECOND FLOOR ACOUSTIC AND GYPSUM BOARD CEILING HEIGHTS TO BE 9' - 0" ABOVE FINISHED FLOOR, UNLESS OTHERWISE NOTED.
3. AT WET OR HIGH HUMIDITY LOCATIONS, PROVIDE MOISTURE RESISTANT GYPSUM BOARD IN-LIEU OF STANDARD GYPSUM BOARD.
4. CENTER ALL CEILING GRIDS IN ROOM UNLESS OTHERWISE NOTED.
5. REFER TO ARCHITECTS REFLECTED CEILING PLAN FOR LIGHT FIXTURE LOCATIONS.
6. ALL LIGHT FIXTURES ARE DIMENSIONED TO THE CENTER OF THE FIXTURE UNLESS OTHERWISE NOTED.
7. LIGHTS TO BE CENTERED ON CEILING TILE, UNLESS OTHERWISE NOTED.
8. WIRING DEVICES ARE TO MATCH BUILDING STANDARD.
9. COORDINATE ALL FIRE SAFETY EQUIPMENT, INCLUDING EXIT SIGNS, EMERGENCY BACK-UP LIGHTS, AUDIO AND VISUAL ALARMS, PULL STATIONS, ETC. AS REQUIRED BY ALL APPLICABLE CODES AND ORDINANCES HAVING JURISDICTION ON THIS PROJECT WITH CONTRACTOR, REFER TO MEP DRAWINGS FOR EXACT LOCATION AND SPECIFICATION OF EMERGENCY EGRESS AND LIGHTING AND EXIT FIXTURES.
10. PROVIDE T-BAR HOLD DOWN CLIPS ON ALL FIXTURES WHERE APPLICABLE.
11. PROVIDE BLOCKING IN CEILING FOR ALL PROJECTION SCREENS AND VIDEO PROJECTORS. COORDINATE WITH AV VENDOR.
12. BREAK/REWORK EXISTING CEILING GRID AT ALL NEW WALL PARTITIONS THAT GO TO THE DECK, PATCH AND REPAIR AS NECESSARY.
13. REMOVE AND REPLACE HARD CEILINGS AS REQUIRED FOR SPRINKLER INSTALLATION. MATCH TEXTURE AND FINISH TO EXISTING ADJACENT COMPONENT.

RCP KEYNOTES

C01	STANDING SEAM METAL ROOF AWNING
C02	CEILING EXPANSION JOINT SYSTEM
C03	INSTALL CEILING GRID MATCHING EXISTING CEILING LAYOUT AND EXISTING HEIGHT AFF. EXISTING LIGHTS, DIFFUSERS AND MISC. CEILING EQUIPMENT TO BE REINSTALLED, SEE MECHANICAL AND ELECTRICAL DRAWINGS.
C06	PRE-FINISHED METAL SOFFIT
C07	HOOD AND DUCT, SEE MECHANICAL DRAWINGS.
C08	EXACT OFFSET DIMENSION TO BE COORDINATED WITH OWNER'S VEHICLE EXHAUST SYSTEM VENDOR.

EQUIPMENT- APP BAYS

103.01	EXISTING COMPRESSED AIR REEL
104.02	ELECTRIC REEL WITH KELLEMS STRAIN RELIEF PLUG ASSEMBY FROM HUBBELL
301.01	CEILING FAN (SEE ELEC. DWGS.)
401.01	NEW EXTENSION OF VEHICLE EXHAUST SYSTEM BY OWNERS VENDOR
401.02	EXISTING VEHICLE EXHAUST SYSTEM
401.03	RELOCATED FUME EXHAUST ARM AND DUCTWORK

RCP SYMBOLS LEGEND:

- EXIT SIGN
- 1'-0" — SOFFIT OR CEILING HEIGHT
- ACT-1 — 2' x 2' ACOUSTIC CEILING TILE
- ACT-2 — 2' x 4' ACOUSTIC CEILING TILE
- GYPSUM BOARD CEILING, PAINTED
- 4SWC-1 — GYPSUM BOARD CEILING, PAINTED (1-HOUR RATED, 4" STUD SHAFTWALL CEILING ASSEMBLY)
- EXPD — EXPOSED DECK / STRUCTURE
- DEMOLISHED
- METAL SOFFIT PANEL
- S — SPEAKER
- SPRINKLER HEAD REF. FIRE PROTECTION DWGS
- M — OCCUPANCY SENSOR / VACANCY SENSOR
- HEAT DETECTOR
- CAN LIGHT FIXTURE, REF. ELECTRICAL DRAWINGS
- LIGHT FIXTURES, REF. ELECTRICAL DRAWINGS
- SUPPLY AND RETURN / TRANSFER, REF. MECHANICAL DRAWINGS
- HEAT PUMP (CEILING MOUNTED), REF. MECHANICAL DRAWINGS
- DEMOLISHED ACT CEILING
- HEATER (CEILING MOUNTED), REF. MECHANICAL DRAWINGS
- EXISTING

N TRUE NORTH

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DWG. TITLE

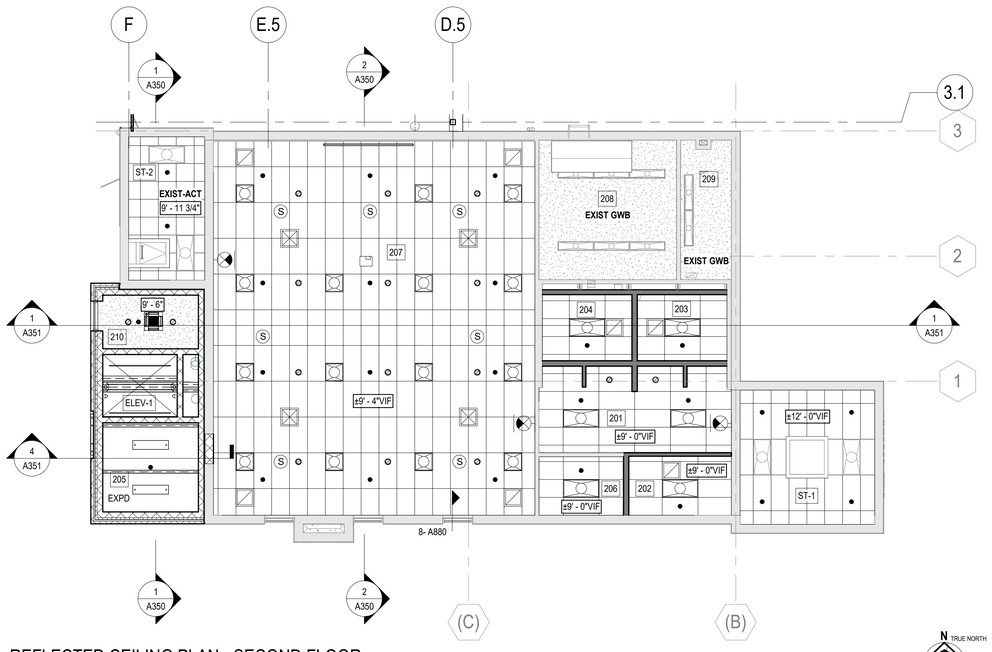
REFLECTED CEILING PLAN - FIRST FLOOR & APPARATUS BAY LEVEL

0 1" 2"
GENERIC SCALE BAR
SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING. IF NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY

DATE	06/15/2026
SCALE	As indicated
DWN.	SSS CHK. NM
PROJ. No.	653001
DWG. No.	A701

GENERAL RCP NOTES:

1. FIRST FLOOR AND APPARATUS BAY LEVEL ACOUSTIC AND GYPSUM BOARD CEILING HEIGHTS TO BE 9' - 0" ABOVE FINISHED FLOOR, UNLESS OTHERWISE NOTED.
2. SECOND FLOOR ACOUSTIC AND GYPSUM BOARD CEILING HEIGHTS TO BE 9' - 0" ABOVE FINISHED FLOOR, UNLESS OTHERWISE NOTED.
3. AT WET OR HIGH HUMIDITY LOCATIONS, PROVIDE MOISTURE RESISTANT GYPSUM BOARD IN-LIEU OF STANDARD GYPSUM BOARD.
4. CENTER ALL CEILING GRIDS IN ROOM UNLESS OTHERWISE NOTED.
5. REFER TO ARCHITECTS REFLECTED CEILING PLAN FOR LIGHT FIXTURE LOCATIONS.
6. ALL LIGHT FIXTURES ARE DIMENSIONED TO THE CENTER OF THE FIXTURE UNLESS OTHERWISE NOTED.
7. LIGHTS TO BE CENTERED ON CEILING TILE, UNLESS OTHERWISE NOTED.
8. WIRING DEVICES ARE TO MATCH BUILDING STANDARD.
9. COORDINATE ALL FIRE SAFETY EQUIPMENT, INCLUDING EXIT SIGNS, EMERGENCY BACK-UP LIGHTS, AUDIO AND VISUAL ALARMS, PULL STATIONS, ETC. AS REQUIRED BY ALL APPLICABLE CODES AND ORDINANCES HAVING JURISDICTION ON THIS PROJECT WITH CONTRACTOR, REFER TO MEP DRAWINGS FOR EXACT LOCATION AND SPECIFICATION OF EMERGENCY EGRESS AND LIGHTING AND EXIT FIXTURES.
10. PROVIDE T-BAR HOLD DOWN CLIPS ON ALL FIXTURES WHERE APPLICABLE.
11. PROVIDE BLOCKING IN CEILING FOR ALL PROJECTION SCREENS AND VIDEO PROJECTORS. COORDINATE WITH AV VENDOR.
12. BREAK/REWORK EXISTING CEILING GRID AT ALL NEW WALL PARTITIONS THAT GO TO THE DECK, PATCH AND REPAIR AS NECESSARY.
13. REMOVE AND REPLACE HARD CEILINGS AS REQUIRED FOR SPRINKLER INSTALLATION. MATCH TEXTURE AND FINISH TO EXISTING ADJACENT COMPONENT.



1 REFLECTED CEILING PLAN - SECOND FLOOR
SCALE: 1/8" = 1'-0"

N TRUE NORTH

RCP SYMBOLS LEGEND:

- EXIT SIGN
- 1'-0" — SOFFIT OR CEILING HEIGHT
- ACT-1 — 2' x 2' ACOUSTIC CEILING TILE
- ACT-2 — 2' x 4' ACOUSTIC CEILING TILE
- GYPSUM BOARD CEILING, PAINTED
- 4SWC-1 — GYPSUM BOARD CEILING, PAINTED (1-HOUR RATED, 4" STUD SHAFTWALL CEILING ASSEMBLY)
- EXPD — EXPOSED DECK / STRUCTURE
- DEMOLISHED
- METAL SOFFIT PANEL
- S — SPEAKER
- SPRINKLER HEAD REF. FIRE PROTECTION DWGS
- M — OCCUPANCY SENSOR / VACANCY SENSOR
- HEAT DETECTOR
- CAN LIGHT FIXTURE, REF. ELECTRICAL DRAWINGS
- LIGHT FIXTURES, REF. ELECTRICAL DRAWINGS
- SUPPLY AND RETURN / TRANSFER, REF. MECHANICAL DRAWINGS
- HEAT PUMP (CEILING MOUNTED), REF. MECHANICAL DRAWINGS
- DEMOLISHED ACT CEILING
- HEATER (CEILING MOUNTED), REF. MECHANICAL DRAWINGS
- EXISTING

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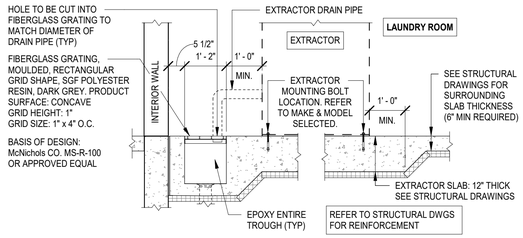
DWG. TITLE

REFLECTED CEILING PLAN - SECOND FLOOR

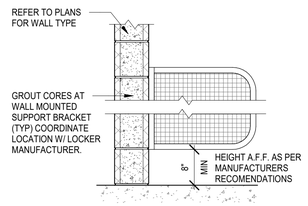
0 1" 2"
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SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING. IF NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY

DATE	06/15/2026
SCALE	As indicated
DWN.	SSS
CHK.	NM
PROJ. No.	653001
DWG. No.	

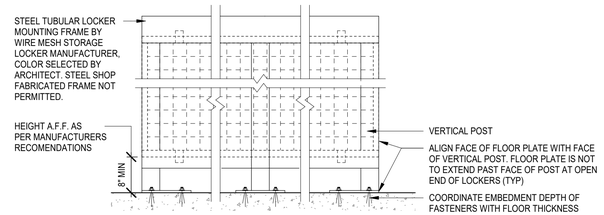
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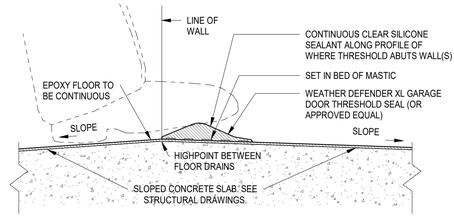
1 EXTRACTOR TROUGH - SHORT
SCALE: 1/2" = 1'-0"



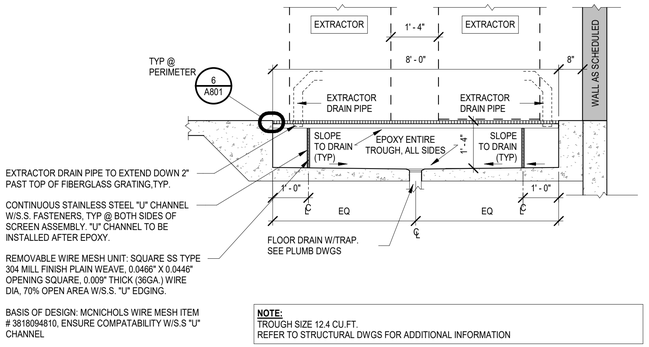
2 WALL MOUNTED TURNOUT GEAR LOCKER SECTION
SCALE: 3/4" = 1'-0"



3 FREE STANDING TURNOUT GEAR ELEVATION
SCALE: 3/4" = 1'-0"

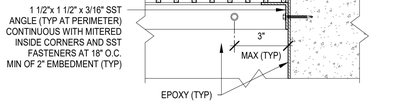


4 FLOOR TRANSITION DTL @ DECON
SCALE: 3" = 1'-0"

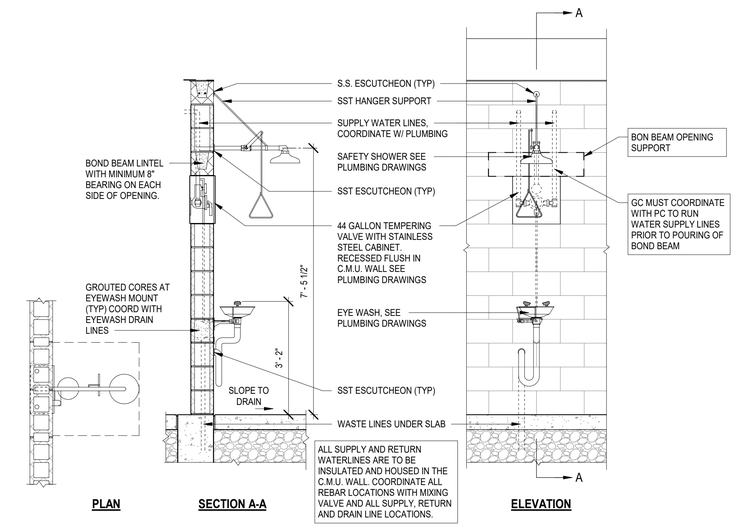


NOTE:
TROUGH SIZE 12.4 CU.FT.
REFER TO STRUCTURAL DWGS FOR ADDITIONAL INFORMATION

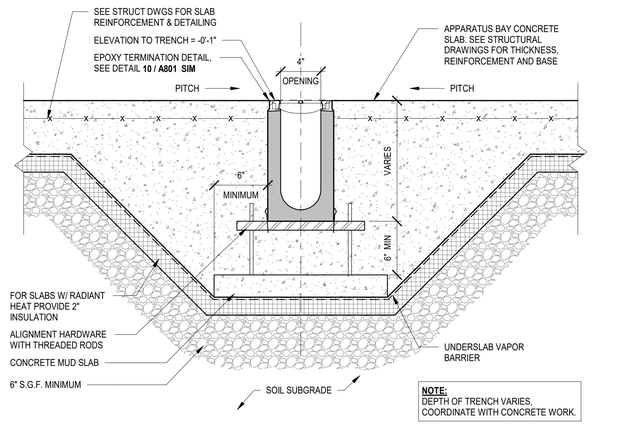
5 EXTRACTOR TROUGH-LONG
SCALE: 1/2" = 1'-0"



6 EPOXY TERMINATION AT EXTRACTOR TROUGH
SCALE: 3" = 1'-0"



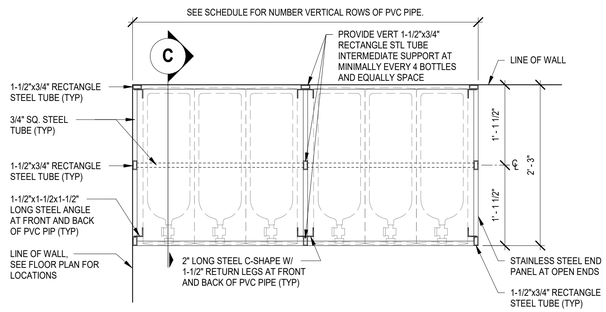
7 DRENCH SHOWER DTL
SCALE: 1/2" = 1'-0"



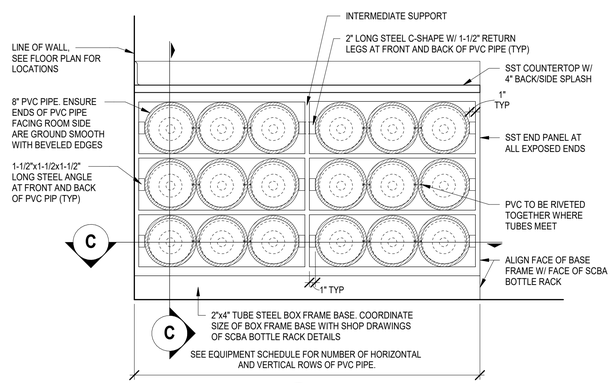
NOTE:
DEPTH OF TRENCH VARIES, COORDINATE WITH CONCRETE WORK.

8 SECTION DETAIL - TRENCH DRAIN
SCALE: 1 1/2" = 1'-0"

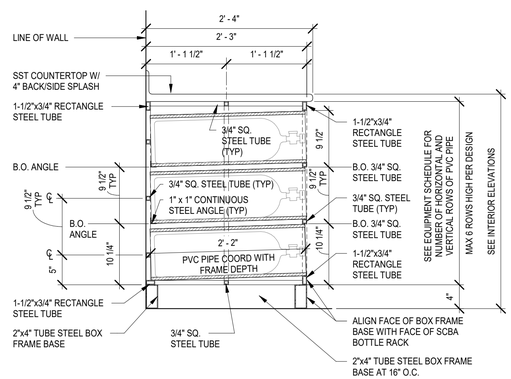
NOTE:
1. DELEGATED DESIGN
2. ALL STEEL IS TO BE BE STAINLESS STEEL.
3. ALL PVC IS TO BE SCHEDULE 80, COLOR GRAY
4. SEE INTERIOR ELEVATIONS FOR EXTENTS OF SCBA RACK.
5. SEE EQUIPMENT SCHEDULE FOR NUMBER OF HORIZONTAL AND VERTICAL ROWS OF PVC PIPE.



A PLAN

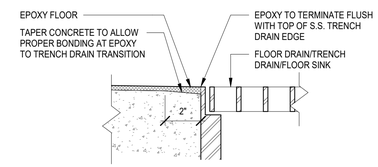


B FRONT ELEVATION



C SECTION

9 SCBA BOTTLE RACK DETAILS
SCALE: 1" = 1'-0"



10 SECTION DETAIL - EPOXY TERMINATION DETAIL AT TRENCH DRAIN
SCALE: 3" = 1'-0"

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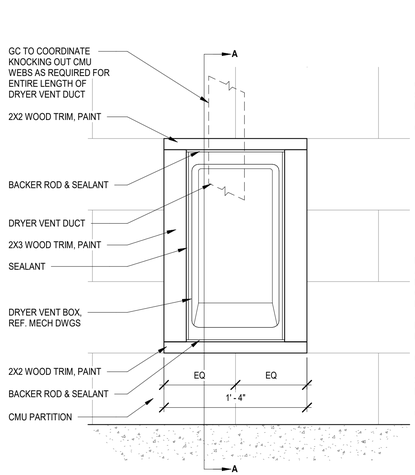
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FFE DETAILS

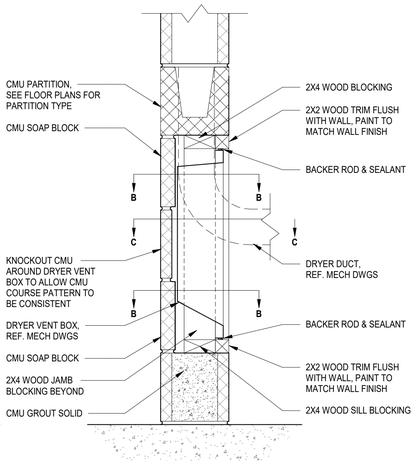
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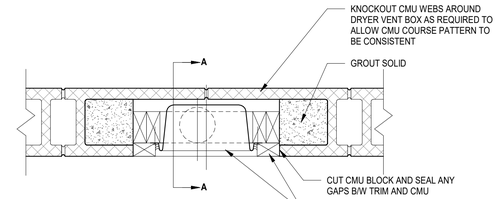
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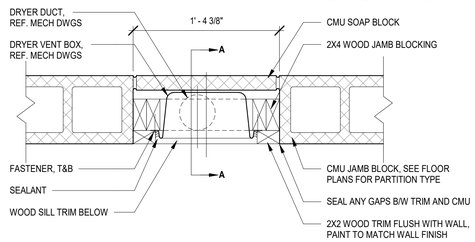
ELEVATION



SECTION A-A



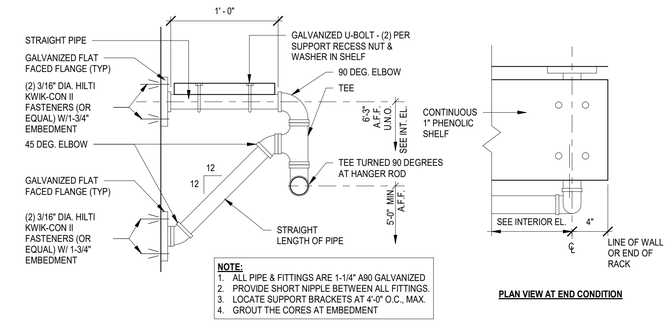
PLAN DETAIL C-C



PLAN DETAIL B-B

1 DRYER VENT BOX DETAIL

SCALE: 1 1/2" = 1'-0"

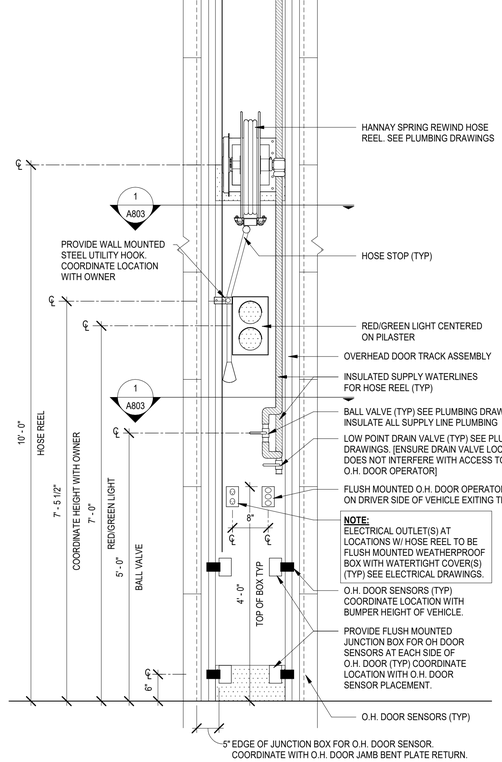


NOTE:
1. ALL PIPE & FITTINGS ARE 1-1/4" A90 GALVANIZED
2. PROVIDE SHORT NIPPLE BETWEEN ALL FITTINGS.
3. LOCATE SUPPORT BRACKETS AT 4'-0" O.C., MAX.
4. GROUT THE CORES AT EMBEDMENT

PLAN VIEW AT END CONDITION

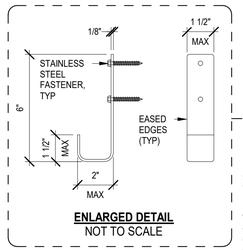
2 DRYING RACK DETAIL

SCALE: 1 1/2" = 1'-0"

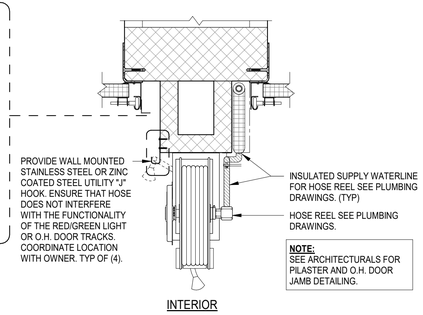


3 INTERIOR ELEVATION AT O.H. DOOR PILASTER

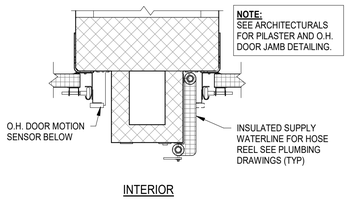
SCALE: 3/4" = 1'-0"



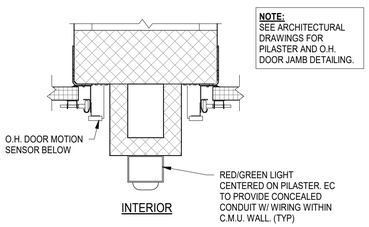
ENLARGED DETAIL
NOT TO SCALE



INTERIOR



INTERIOR



INTERIOR

4 HOSE REEL AT PILASTER

SCALE: 3/4" = 1'-0"

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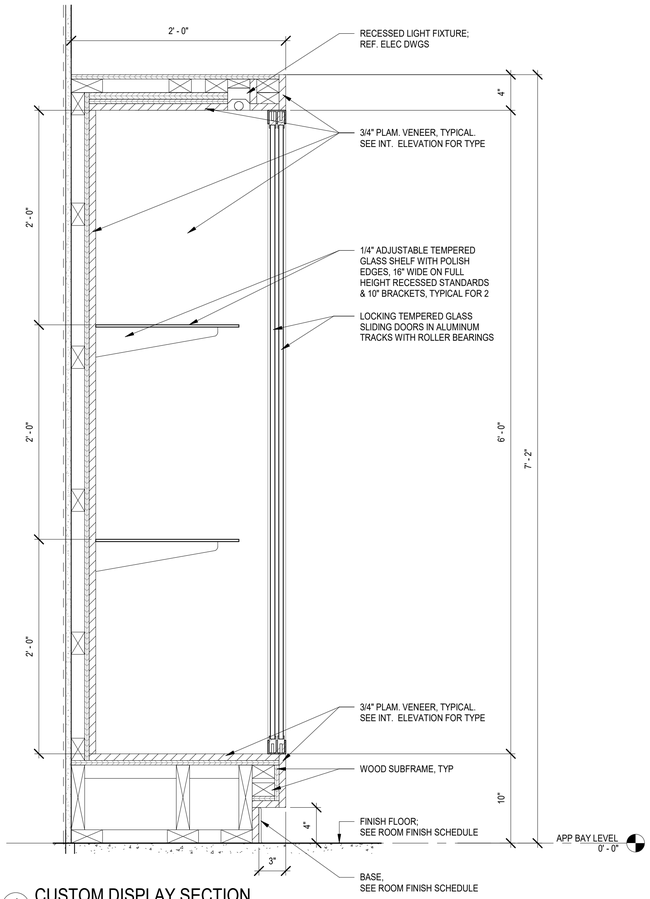
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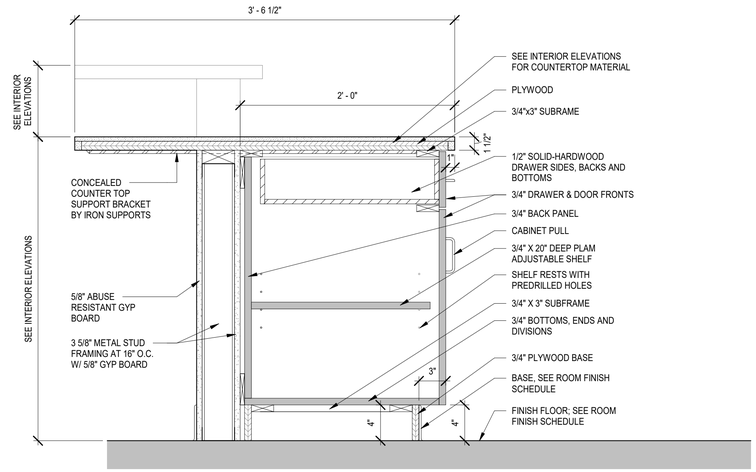
FFE DETAILS

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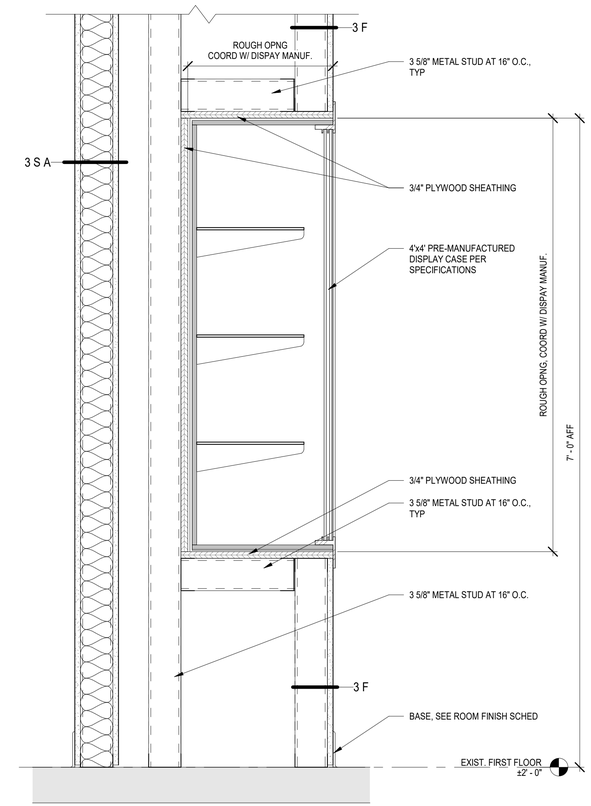
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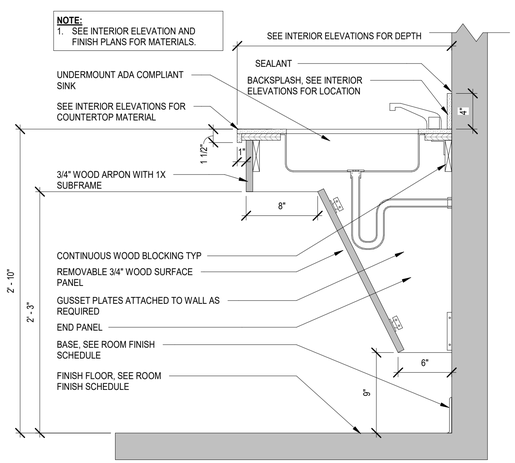
1 CUSTOM DISPLAY SECTION
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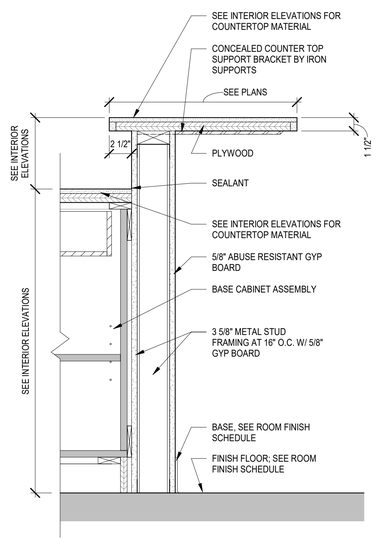
2 MILLWORK ISLAND DETAIL
SCALE: 1 1/2" = 1'-0"



3 DISPLAY CASE SECTION
SCALE: 1 1/2" = 1'-0"



4 MILLWORK DETAIL
SCALE: 1 1/2" = 1'-0"



5 MILLWORK ISLAND DETAIL
SCALE: 1 1/2" = 1'-0"

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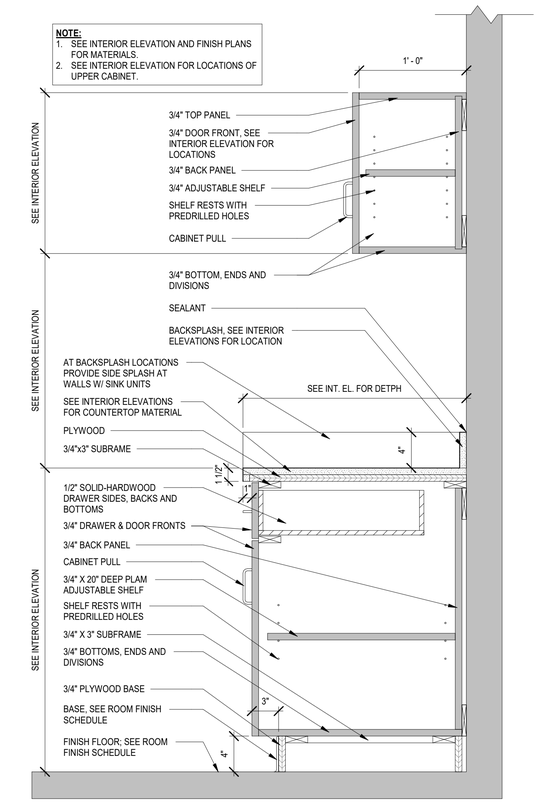
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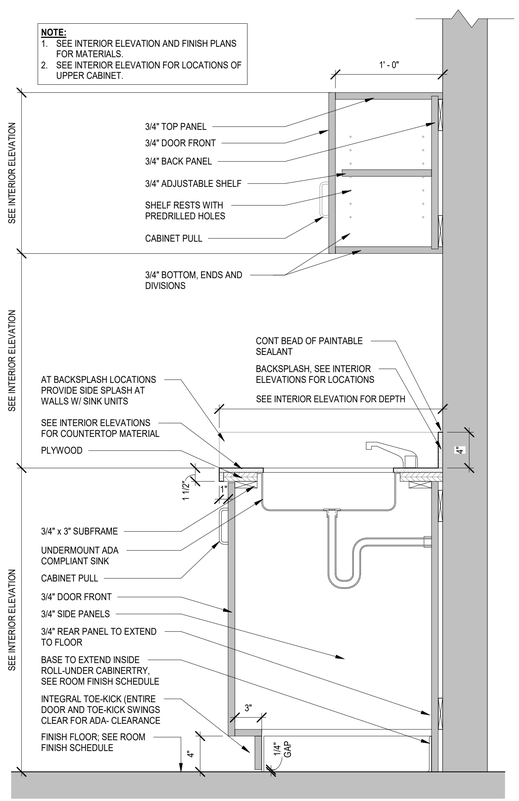
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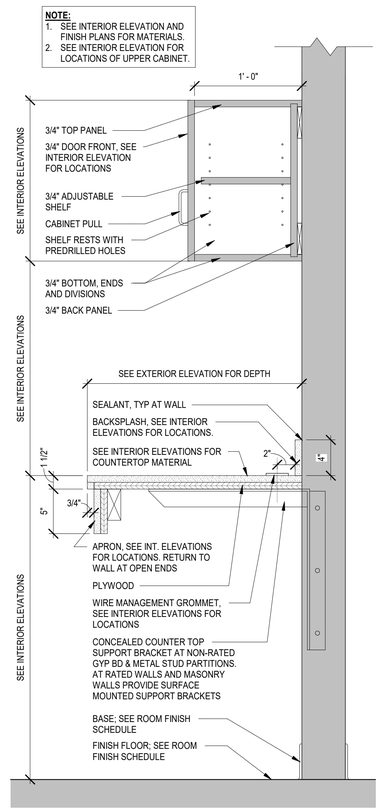
A810



1 MILLWORK DETAIL
SCALE: 1 1/2" = 1'-0"



2 MILLWORK DETAIL
SCALE: 1 1/2" = 1'-0"



3 MILLWORK DETAIL
SCALE: 1 1/2" = 1'-0"

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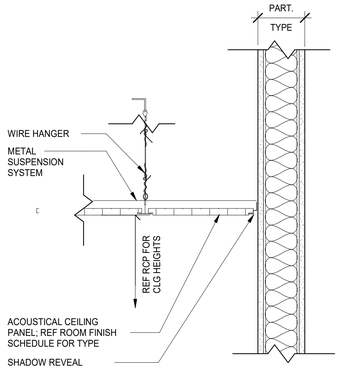
DWG. TITLE

MILLWORK DETAILS

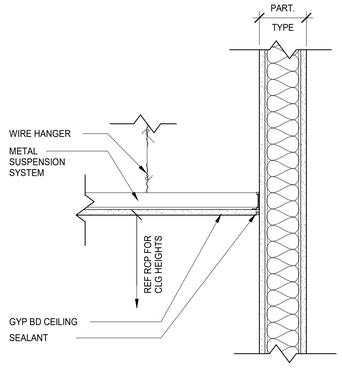
0 1" 2"
GENERIC SCALE BAR
SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING. IF NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY

DATE	06/15/2026
SCALE	1 1/2" = 1'-0"
DWN.	SSS CHK. NM
PROJ. No.	653001
DWG. No.	

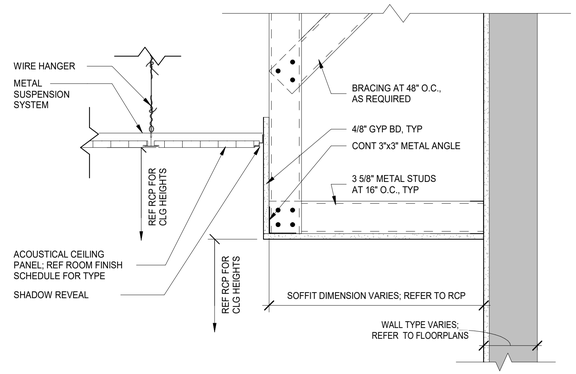
A811



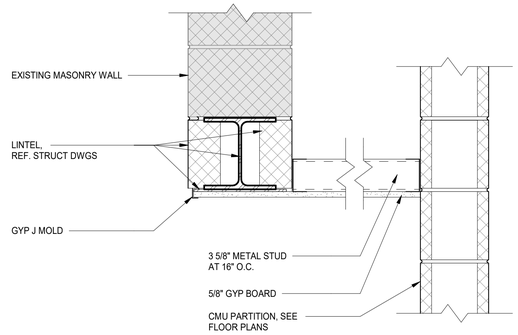
1 CEILING DETAIL
SCALE: 1 1/2" = 1'-0"



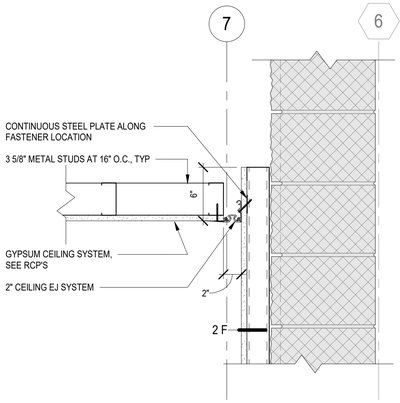
2 CEILING DETAIL
SCALE: 1 1/2" = 1'-0"



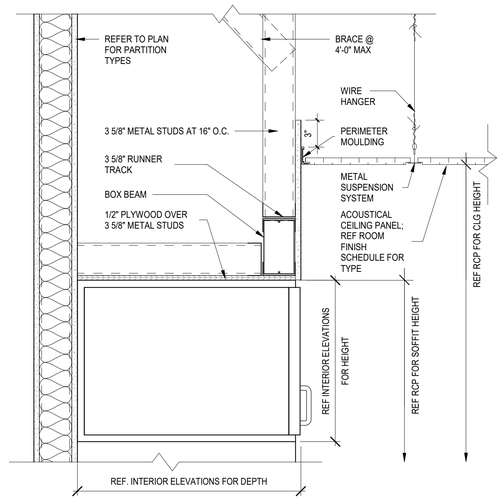
3 CEILING DETAIL
SCALE: 1 1/2" = 1'-0"



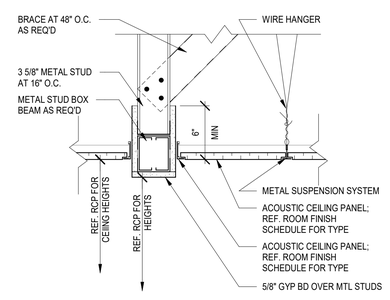
4 CEILING DETAIL
SCALE: 1 1/2" = 1'-0"



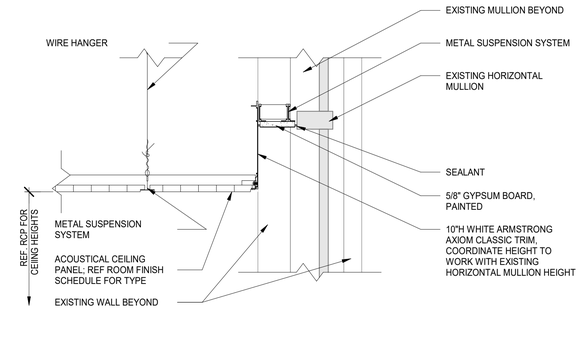
5 CEILING DETAIL
SCALE: 1 1/2" = 1'-0"



6 KITCHEN SOFFIT DETAIL
SCALE: 1 1/2" = 1'-0"



7 CEILING DETAIL
SCALE: 1 1/2" = 1'-0"



8 CEILING DETAIL
SCALE: 1 1/2" = 1'-0"

MARLBOROUGH FIRE DISTRICT

MARLBORO HOSE CO. NO. 1
14 GRAND STREET,
MARLBORO, NY 12542

MARLBOROUGH FIRE STATION
ADDITIONS AND RENOVATION

CONSTRUCTION DOCUMENTS

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Wendel WD Architecture, Engineering, Surveying and Landscape Architecture, P.C

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DWG. TITLE

CEILING DETAILS

0 1" 2"
GENERIC SCALE BAR
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DATE	06/15/2026
SCALE	1 1/2" = 1'-0"
DWN.	SSS CHK. NM
PROJ. No.	653001
DWG. No.	A880

DOOR SCHEDULE

DOOR NO.	PANEL						FRAME				DETAILS			ASSY RATING	KERF FRAME	REMARKS
	WIDTH	HEIGHT	MATERIAL	THICKNESS	TYPE	GLASS	MATERIAL	DEPTH	TYPE	GLASS	HEAD	JAMB	SILL			
APP BAY LEVEL																
001A	3' - 0"	7' - 0"	EXIST	1 3/4"	EXIST	EXIST	EXIST	5 3/4"	EXIST	EXIST	-	-	-	-		1, 10
001B	12' - 1"	12' - 0 1/2"	EXIST	2"	EXIST	EXIST	EXIST		-	-	-	-	-	-		4
001C	12' - 1"	12' - 0 1/2"	EXIST	2"	EXIST	EXIST	EXIST		-	-	-	-	-	-		4
001D	12' - 1"	12' - 0 1/2"	EXIST	2"	EXIST	EXIST	EXIST		-	-	-	-	-	-		4
001E	12' - 1"	12' - 0 1/2"	EXIST	2"	EXIST	EXIST	EXIST		-	-	-	-	-	-		4
001F	12' - 1"	12' - 0 1/2"	EXIST	2"	EXIST	EXIST	EXIST		-	-	-	-	-	-		4
001G	12' - 0"	12' - 0"	INSUL STL	3"	S1	G6	STL		-	-	3/A904	7/A904	14/A904	-		3
001H	12' - 0"	12' - 0"	INSUL STL	3"	S1	G6	STL		-	-	3/A904	7/A904	14/A904	-		3
001J	10' - 0"	12' - 0"	INSUL STL	3"	S1	G6	STL		-	-	3/A904	7/A904	14/A904	-		3
002	3' - 8"	7' - 0"	HM	1 3/4"	F	-	HM	5 3/4"	2	-	15/A904	15/A903	-	-		1
003	3' - 8"	7' - 0"	HM	1 3/4"	F	-	HM	5 3/4"	2	-	15/A904	15/A903	-	-		1
004	3' - 8"	7' - 0"	HM	1 3/4"	F	-	HM	5 3/4"	2	-	1A	2A	-	-		1
005A	3' - 0"	7' - 0"	HM	1 3/4"	F	-	HM	5 3/4"	2	-	1A	2A	-	-	KERF	
005B	3' - 0"	7' - 0"	HM	1 3/4"	F	-	HM	5 7/8"	1	-	1B	2B	-	-		
006	3' - 0"	7' - 0"	HM	1 3/4"	F	-	HM	5 7/8"	1	-	1B	2B	-	-		
008A	3' - 8"	7' - 0"	HM	1 3/4"	F	-	HM	5 3/4"	2	-	1A	2A	-	-		
008B	3' - 0"	7' - 0"	HM	1 3/4"	F	-	HM	5 3/4"	2	-	1A	2A	-	-	KERF	
011	3' - 0"	7' - 0"	FRP	1 3/4"	G	G4	FRP	6 3/4"	2	-	2/A904	6 & 10/A904	13/A904			1
012	3' - 0"	7' - 0"	FRP	1 3/4"	G	G4	FRP	6 3/4"	5	G4	2/A903	6/A903	10/A903	-		1
013	3' - 0"	7' - 0"	HM	1 3/4"	F	-	HM	5 3/4"	2	-	1C	2C	-	-		
014A	4' - 6"	7' - 0"	HM	1 3/4"	UF	-	HM	8 1/4"	1	-	1B	2B	-	-		5
014B	10' - 0"	10' - 0"	STEEL	3"	S2	G6	STEEL		-	-	4/A903	8/A903	12/A903			
015	3' - 0"	7' - 0"	HM	1 3/4"	F	-	HM	5 7/8"	1	-	1B	2B	-	-		
016A	3' - 0"	7' - 0"	HM	1 3/4"	G	G2	HM	5 7/8"	1		1B	2B	-			2
016C	1' - 8"	7' - 0"	WD	1 3/4"	F	-	HM	5 7/8"	1	-	1B	2B	-	-		
017	3' - 0"	7' - 0"	HM	1 3/4"	F	-	HM	5 7/8"	1	-	1B	2B	-	-		
018	3' - 6"	7' - 0"	HM	1 3/4"	FG	G2	HM	5 7/8"	4	G2	1B	2B	-			
019	3' - 0"	7' - 0"	HM	1 3/4"	F	-	HM	5 7/8"	1	-	1B	2B	-	-		
020A	3' - 0"	7' - 0"	HM	1 3/4"	F	-	HM	5 7/8"	1	-	1B	2B	-	-		1
020B	4' - 0"	7' - 0"	FRP	1 3/4"	F	-	FRP	6 3/4"	2	-	2/A903	6/A903	10/A903	-		1
023	3' - 0"	7' - 0"	HM	1 3/4"	F	-	HM	5 7/8"	1	-	1B SIM	2B SIM	-	20 MIN		
024	3' - 0"	7' - 0"	HM	1 3/4"	F	-	HM	5 7/8"	1	-	1B SIM	2B SIM	-	20 MIN		
025	3' - 0"	7' - 0"	HM	1 3/4"	F	-	HM	5 7/8"	1	-	1B SIM	2B SIM	-	20 MIN		
026	3' - 0"	7' - 0"	HM	1 3/4"	F	-	HM	5 7/8"	1	-	1B SIM	2B SIM	-	20 MIN		
027	3' - 0"	7' - 0"	HM	1 3/4"	F	-	HM	5 3/4"	2	-	1A	2A	-	-	KERF	
028	3' - 0"	7' - 0"	HM	1 3/4"	F	-	HM	5 3/4"	2	-	1A	2A	-	-		
103	3' - 0"	7' - 0"	EXIST	1 3/4"	EXIST	EXIST	EXIST	5 3/4"	EXIST	EXIST	-	-	-	-		
104	3' - 0"	7' - 0"	EXIST	1 3/4"	EXIST	EXIST	EXIST	5 3/4"	EXIST	EXIST	-	-	-	-		1
ST-3B	3' - 0"	7' - 0"	HM	1 3/4"	N	G2	HM	5 3/4"	2	-	15/A904	15/A903	-	-	KERF	6
V02A	3' - 0"	7' - 0"	HM	1 3/4"	F	-	HM	5 3/4"	2	-	16/A904	6/A251 & 16/A903	-	-	KERF	
V02B	3' - 0"	7' - 2"	ALUM	1 3/4"	FG	G4	ALUM	6"	6	G4	1/A903	5/A903	10/A903	-		1
V02C	3' - 0"	7' - 0"	HM	1 3/4"	F	-	HM	5 7/8"	1	-	1B	2B	-	-		

DOOR SCHEDULE

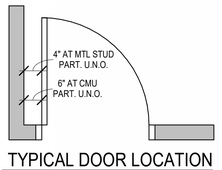
DOOR NO.	PANEL						FRAME				DETAILS			ASSY RATING	KERF FRAME	REMARKS
	WIDTH	HEIGHT	MATERIAL	THICKNESS	TYPE	GLASS	MATERIAL	DEPTH	TYPE	GLASS	HEAD	JAMB	SILL			
EXIST. FIRST FLOOR																
102	3' - 0"	7' - 0"	WD	1 3/4"	F	-	HM	5 7/8"	1	-	1B	2B	-	-		
106	3' - 0"	7' - 0"	EXIST	1 3/4"	EXIST	EXIST	EXIST	6 3/4"	EXIST	EXIST	-	-	-	-		1
107	3' - 0"	7' - 0"	EXIST	1 3/4"	EXIST	EXIST	EXIST	6 3/4"	EXIST	EXIST	-	-	-	-		1
108	3' - 0"	7' - 0"	WD	1 3/4"	F	-	HM	5 7/8"	1	-	1B	2B	-	-		1
109	3' - 0"	7' - 0"	WD	1 3/4"	F	-	HM	5 7/8"	1	-	1B	2B	-	-		
110	3' - 0"	7' - 0"	EXIST	1 3/4"	EXIST	EXIST	EXIST	6 3/4"	EXIST	EXIST	-	-	-	-		1
111	3' - 0"	7' - 0"	EXIST	1 3/4"	EXIST	EXIST	EXIST	6 3/4"	EXIST	EXIST	-	-	-	-		1
111A	3' - 0"	7' - 0"	WD	1 3/4"	F	-	HM	5 7/8"	1	-	1B	2B	-	-		
112	3' - 0"	7' - 0"	EXIST	1 3/4"	EXIST	EXIST	EXIST	6 3/4"	EXIST	EXIST	-	-	-	-		
113	3' - 0"	7' - 0"	WD	1 3/4"	F	-	HM	5 7/8"	1	-	1B	2B	-	-		1
113A	5' - 0"	7' - 0"	WD	1 3/4"	FFS	-	HM	5 7/8"	1A	-	1B	2B	-			
114	3' - 0"	7' - 0"	WD	1 3/4"	F	-	HM	5 7/8"	1	-	1B	2B	-	-		1
114A	5' - 0"	7' - 0"	WD	1 3/4"	FFS	-	HM	5 7/8"	1A	-	1B	2B	-			
115A	3' - 0"	7' - 0"	HM	1 3/4"	F	-	HM	5 3/4"	2	-	14/A903	13/A903	-	60 MIN		6
115B	3' - 0"	7' - 0"	HM	1 3/4"	F	-	HM	5 3/4"	2	-	1A SIM	2A SIM	-	-		1, 6
ST-1A	6' - 0"	7' - 0"	EXIST	1 3/4"	EXIST	EXIST	EXIST	4 1/2"	EXIST	EXIST	-	-	-	-		1
ST-1B	3' - 0"	7' - 0"	EXIST	1 3/4"	EXIST	EXIST	EXIST	5 3/4"	EXIST	EXIST	-	-	-	-		
ST-1C	3' - 0"	7' - 0"	EXIST	1 3/4"	EXIST	EXIST	EXIST	0"	EXIST	EXIST	-		-	-		
ST-2A	3' - 0"	7' - 0"	EXIST	1 3/4"	EXIST	EXIST	EXIST	5 3/4"	EXIST	EXIST	-	-	-	-		8, 10
ST-2B	3' - 0"	7' - 0"	HM	1 3/4"	N	G5	HM	5 7/8"	1	-	11/A904 SIM & 1B	12/A904 & 2B	-	60 MIN		9
ST-3A	3' - 0"	7' - 0"	WD	1 3/4"	F	-	HM	5 7/8"	1	-	1B	2B	-	-		
V01	3' - 0"	7' - 2"	ALUM	1 3/4"	FG	G4	ALUM	6"	3	G4	1/A904	5/A904	13/A904			1, 9
V102A	3' - 0"	7' - 0"	HM	1 3/4"	F	-	HM	5 3/4"	2	-	1A	2A	-	-	KERF	
V102B	3' - 0"	7' - 0"	HM	1 3/4"	G	G2	HM	5 3/4"	2	-	1A SIM	2A SIM	-	-		7, 12
EXIST. SECOND FLOOR																
201	6' - 0"	7' - 0"	EXIST	1 3/4"	EXIST	-	EXIST	5 3/4"	EXIST	EXIST	-	-	-	-		
202	3' - 0"	7' - 0"	WD	1 3/4"	F	-	HM	5 7/8"	1	-	1B	2B	-	-		1
203	3' - 0"	7' - 0"	WD	1 3/4"	F	-	HM	8 1/4"	1	-	1B	2B	-	-		
204	3' - 0"	7' - 0"	WD	1 3/4"	F	-	HM	8 1/4"	1	-	1B	2B	-	-		
205	3' - 0"	7' - 4"	HM	1 3/4"	F	-	HM	5 3/4"	1	-	4/A904 SIM	11/A904	2/A905	-		1, 11
207A	6' - 0"	7' - 0"	EXIST	1 3/4"	EXIST	EXIST	EXIST	6 3/4"	EXIST	EXIST	-	-	-	-		
207B	3' - 0"	7' - 0"	EXIST	1 3/4"	EXIST	EXIST	EXIST	5 3/4"	EXIST	EXIST	-	-	-	-		
208	3' - 0"	7' - 0"	EXIST	1 3/4"	EXIST	EXIST	EXIST	6 3/4"	EXIST	EXIST	-	-	-	-		
209	3' - 0"	7' - 0"	EXIST	1 3/4"	EXIST	EXIST	EXIST	6 3/4"	EXIST	EXIST	-	-	-	-		
210	3' - 0"	7' - 4"	HM	1 3/4"	F	-	HM	5 3/4"	1	-	4/A904 SIM	11/A904	1/A905	-		11

GLAZING LEGEND: G#

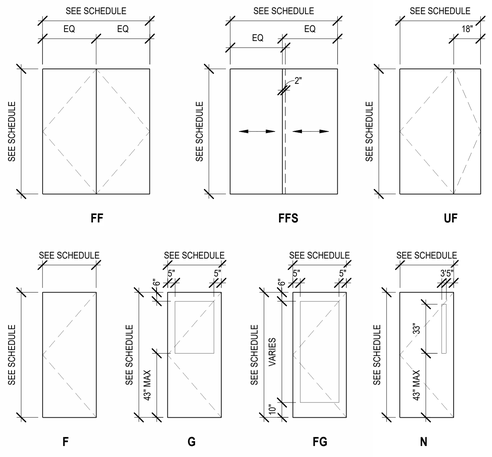
G1	1" INSULATED SPANDREL GLAZING
G2	1/4" CLEAR TEMPERED GLAZING
G3	1" CLEAR INSULATED GLAZING
G4	1" CLEAR INSULATED TEMPERED GLAZING
G5	FIRE RATED GLAZING, SEE SPECIFICATIONS
G6	BY MANUFACTURER, SEE SPECIFICATIONS

DOOR SCHEDULE REMARKS

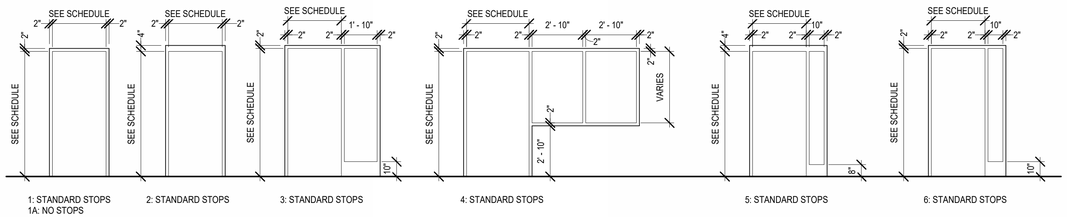
1	CARD / FOB READER TO BE INSTALLED
2	1/2" UNDERCUT ON DOOR
3	OVERHEAD SECTIONAL DOOR
4	EXISTING OVERHEAD SECTIONAL DOOR IN EXISTING WALL OPENING TO REMAIN. PREP & PAINT SECTIONAL DOOR, BOTH SIDES, WITH HPCS
5	ONE (1) 3'-0" LEAF AND ONE (1) 1'-6" LEAF
6	DOOR IN EXISTING MASONRY OPENING. VERIFY EXISTING MASONRY OPENING SIZE.
7	DOOR CONNECTED TO LIFT OPERATION BY OWNER'S VENDOR, SEE ELECTRICAL DRAWINGS
8	RETROFIT DOOR TO RECIEVE DOOR OPERATOR AND HARDWARE, REF. ELECTRICAL DRAWINGS
9	AUTOMATIC DOOR OPERATOR SEE ELECTRICAL DRAWINGS
10	PREP & PAINT EXISTING DOOR AND FRAME
11	COORDINATE DOOR SIZE W/ M.O.
12	DOOR, DOOR FRAME AND HARDWARE FURNISHED AND INSTALLED BY OWNER'S VENDOR. GC TO COORDINATE OPENING SIZE AND LOCATION WITH OWNER'S VENDOR



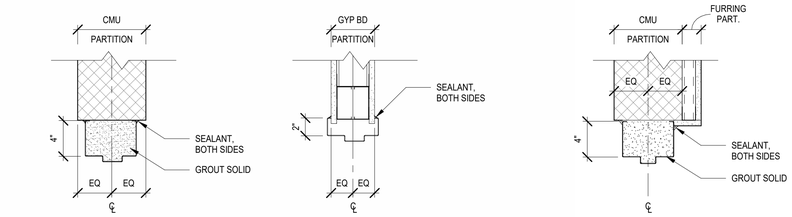
TYPICAL DOOR LOCATION



DOOR TYPES



FRAME TYPES



DOOR FRAME DETAILS

MARLBOROUGH FIRE DISTRICT

MARLBORO HOSE CO. NO. 1
14 GRAND STREET,
MARLBORO, NY 12542

MARLBOROUGH FIRE STATION ADDITIONS AND RENOVATION

CONSTRUCTION DOCUMENTS

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NO.	REVISIONS	DATE
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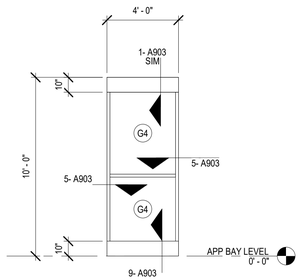
DWG. TITLE

DOOR SCHEDULE AND DETAILS

0 1" 2"
GENERIC SCALE BAR
SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING. IF NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY.

DATE	06/15/2026
SCALE	As indicated
DWN.	SSS CHK. NM
PROJ. No.	653001
DWG. No.	

A901

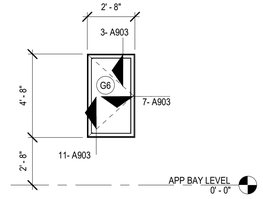


W1

2"x6" THERMALLY BROKEN EXTERIOR
ALUMINUM STOREFRONT SYSTEM

1 WINDOW ELEVATION

SCALE: 1/4" = 1'-0"

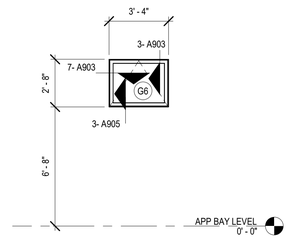


W2

METAL-CLAD WOOD CASEMENT WINDOW UNIT
GLAZING BY WINDOW MANUFACTURER

2 WINDOW ELEVATION

SCALE: 1/4" = 1'-0"

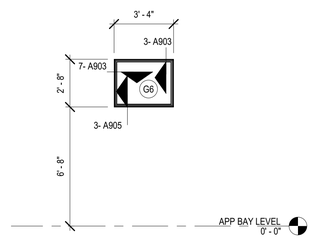


W3

METAL-CLAD WOOD AWNING WINDOW UNIT
GLAZING BY WINDOW MANUFACTURER

3 WINDOW ELEVATION

SCALE: 1/4" = 1'-0"

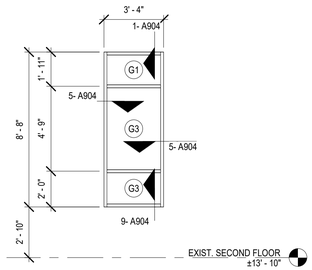


W4

METAL-CLAD WOOD FIXED WINDOW UNIT
GLAZING BY WINDOW MANUFACTURER

4 WINDOW ELEVATION

SCALE: 1/4" = 1'-0"

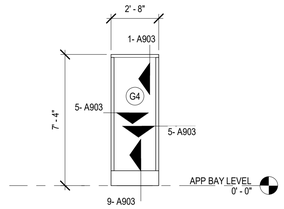


W5

2"x6" THERMALLY BROKEN EXTERIOR
ALUMINUM STOREFRONT SYSTEM

5 WINDOW ELEVATION

SCALE: 1/4" = 1'-0"



W6

2"x6" THERMALLY BROKEN EXTERIOR
ALUMINUM STOREFRONT SYSTEM

6 WINDOW ELEVATION

SCALE: 1/4" = 1'-0"

GLAZING LEGEND: G#

G1	1" INSULATED SPANDREL GLAZING
G2	1/4" CLEAR TEMPERED GLAZING
G3	1" CLEAR INSULATED GLAZING
G4	1" CLEAR INSULATED TEMPERED GLAZING
G5	FIRE RATED GLAZING, SEE SPECIFICATIONS
G6	BY MANUFACTURER, SEE SPECIFICATIONS

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NO.	REVISIONS	DATE
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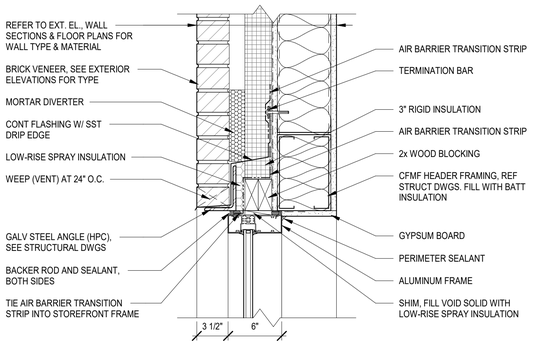
DWG. TITLE

WINDOW ELEVATIONS

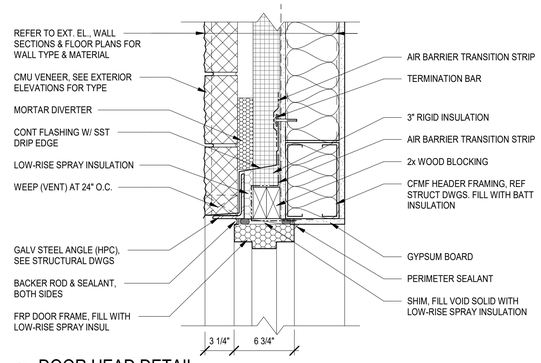
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SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING. IF NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY

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SCALE	1/4" = 1'-0"
DWN.	SSS CHK. NM
PROJ. No.	653001
DWG. No.	

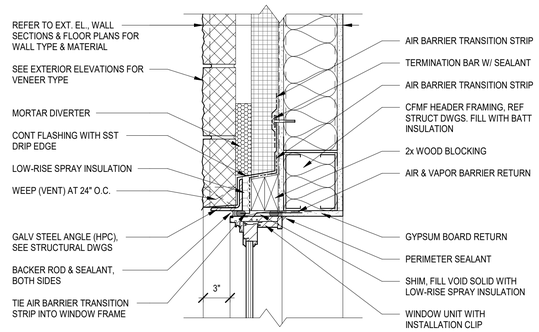
A902



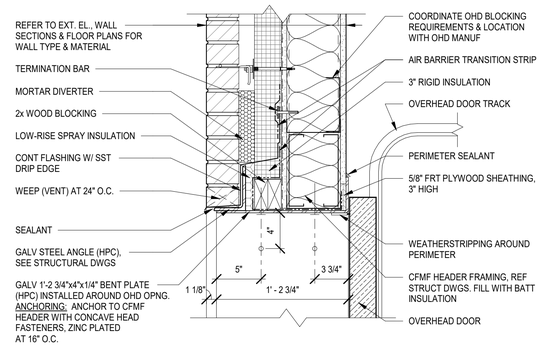
1 ALUMINUM STOREFRONT HEADER DETAIL
SCALE: 1 1/2" = 1'-0"



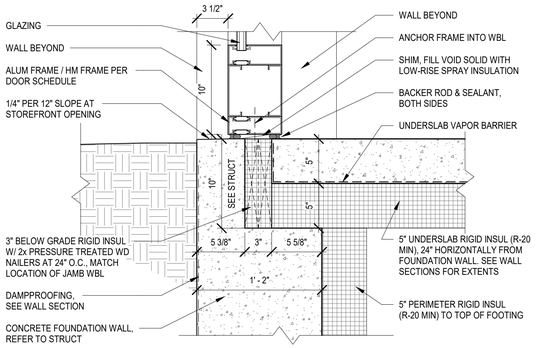
2 DOOR HEAD DETAIL
SCALE: 1 1/2" = 1'-0"



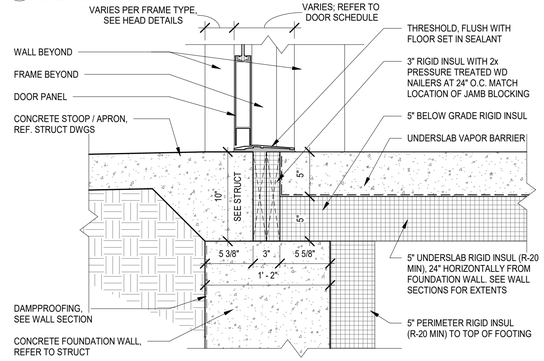
3 WINDOW HEAD DETAIL
SCALE: 1 1/2" = 1'-0"



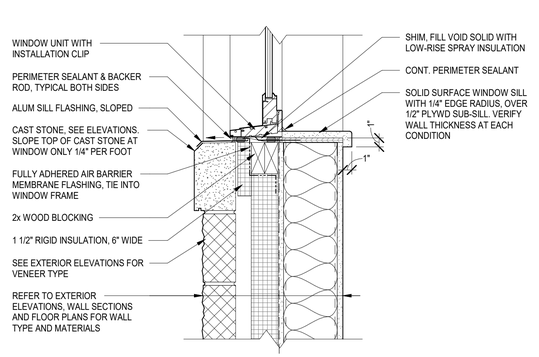
4 OHD HEAD DETAIL
SCALE: 1 1/2" = 1'-0"



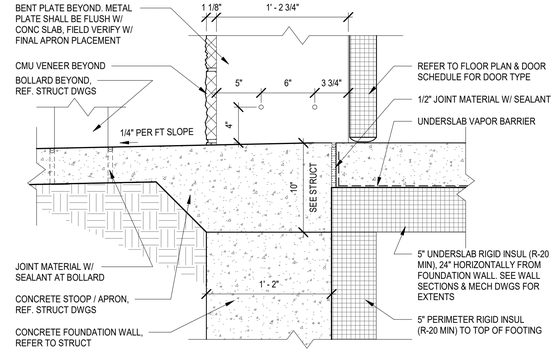
5 ALUMINUM STOREFRONT JAMB DETAIL
SCALE: 1 1/2" = 1'-0"



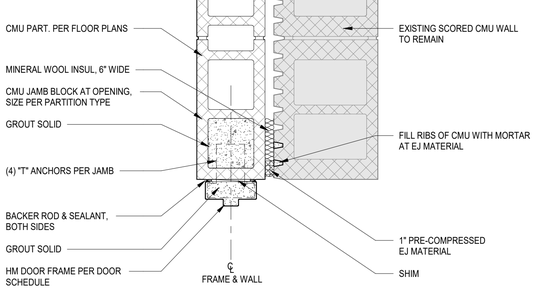
6 DOOR/WINDOW JAMB DETAIL
SCALE: 1 1/2" = 1'-0"



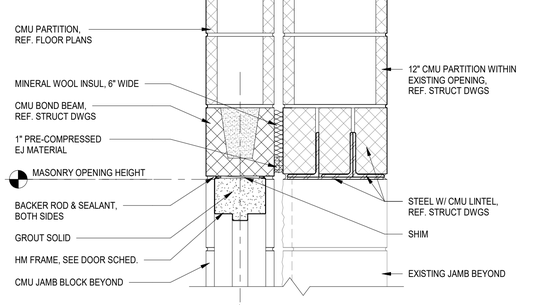
7 DOOR/WINDOW JAMB DETAIL
SCALE: 1 1/2" = 1'-0"



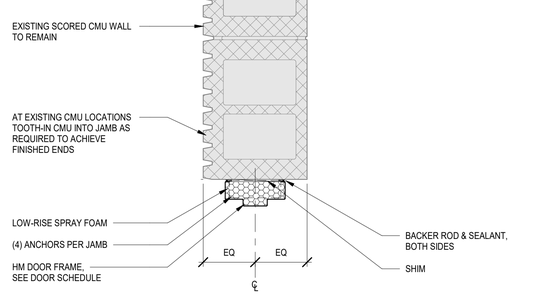
8 OHD JAMB DETAIL
SCALE: 1 1/2" = 1'-0"



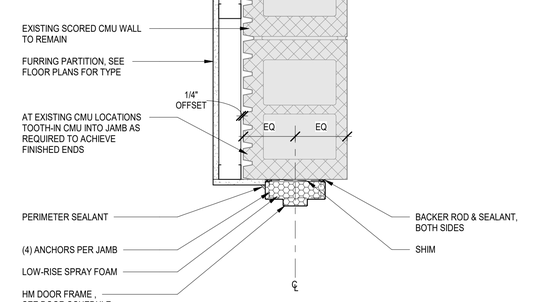
9 DOOR THRESHOLD DETAIL
SCALE: 1 1/2" = 1'-0"



10 DOOR THRESHOLD DETAIL
SCALE: 1 1/2" = 1'-0"



11 WINDOW SILL DETAIL
SCALE: 1 1/2" = 1'-0"



12 OVERHEAD DOOR THRESHOLD DETAIL
SCALE: 1 1/2" = 1'-0"

13 HM JAMB DETAIL
SCALE: 1 1/2" = 1'-0"

14 HM HEAD DETAIL
SCALE: 1 1/2" = 1'-0"

15 HM JAMB DETAIL
SCALE: 1 1/2" = 1'-0"

16 HM JAMB DETAIL
SCALE: 1 1/2" = 1'-0"

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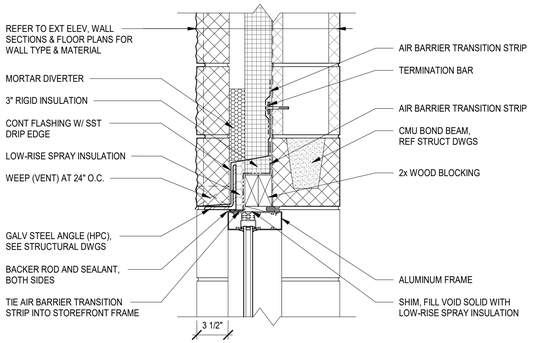
NO.	REVISIONS	DATE
0	ISSUED FOR BID	06/15/2026

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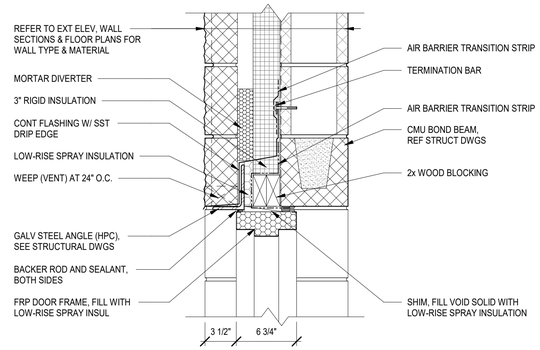
DOOR AND WINDOW DETAILS

GENERIC SCALE BAR
0 1" 2"
SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING. IF NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY

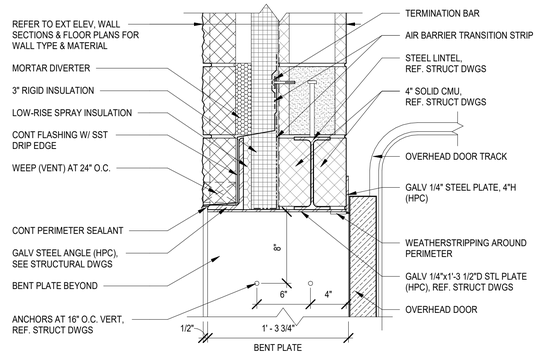
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DWN.	SSS CHK. NM
PROJ. No.	653001
DWG. No.	**A903**



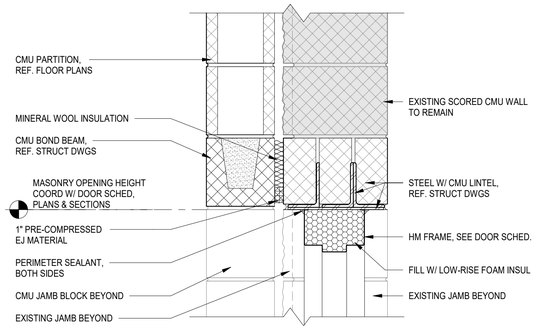
1 ALUMINUM STOREFRONT HEAD DETAIL
SCALE: 1 1/2" = 1'-0"



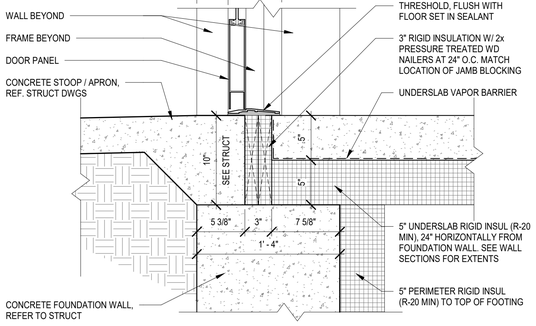
2 FRP HEAD DETAIL
SCALE: 1 1/2" = 1'-0"



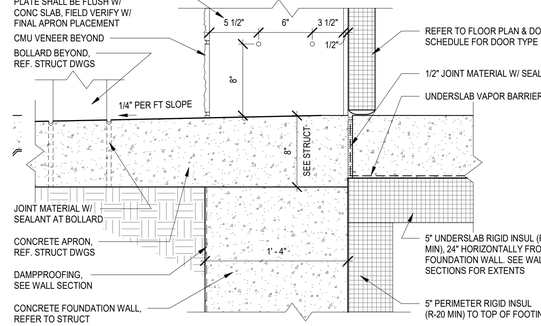
3 OHD HEADER DETAIL
SCALE: 1 1/2" = 1'-0"



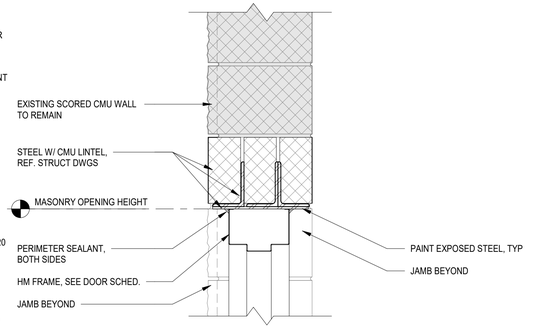
4 HM HEAD DETAIL
SCALE: 1 1/2" = 1'-0"



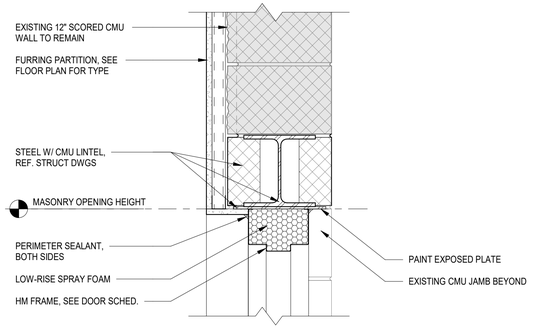
5 ALUMINUM STOREFRONT JAMB DETAIL
SCALE: 1 1/2" = 1'-0"



6 FRP JAMB DETAIL
SCALE: 1 1/2" = 1'-0"



7 OHD JAMB DETAIL
SCALE: 1 1/2" = 1'-0"



8 HM HEAD DETAIL
SCALE: 1 1/2" = 1'-0"

9 STOREFRONT SILL DETAIL
SCALE: 1 1/2" = 1'-0"

10 FRP JAMB DETAIL
SCALE: 1 1/2" = 1'-0"

11 HM JAMB DETAIL
SCALE: 1 1/2" = 1'-0"

12 HM JAMB DETAIL
SCALE: 1 1/2" = 1'-0"

13 DOOR THRESHOLD DETAIL
SCALE: 1 1/2" = 1'-0"

14 OVERHEAD DOOR THRESHOLD DETAIL
SCALE: 1 1/2" = 1'-0"

15 HM HEAD DETAIL
SCALE: 1 1/2" = 1'-0"

16 HM HEAD DETAIL
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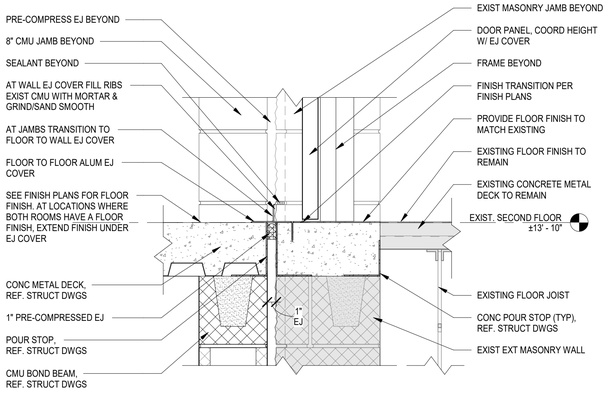
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DWG. TITLE

DOOR AND WINDOW DETAILS

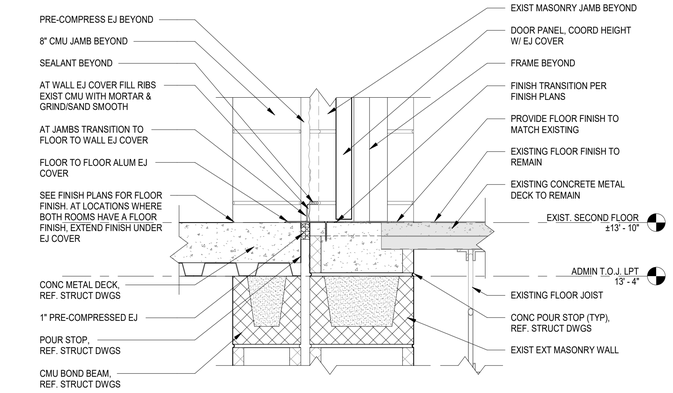
GENERIC SCALE BAR
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CHK.	NM
PROJ. No.	653001
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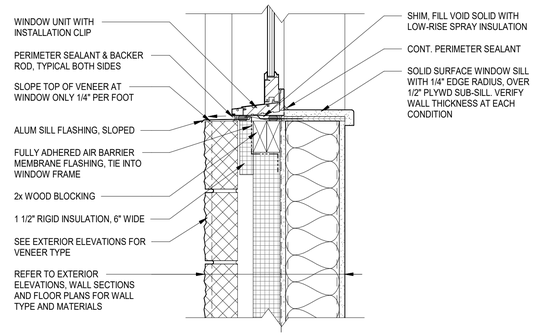
1 DOOR DETAIL

SCALE: 1 1/2" = 1'-0"



2 DOOR SILL DETAIL

SCALE: 1 1/2" = 1'-0"



3 WINDOW SILL DETAIL

SCALE: 1 1/2" = 1'-0"

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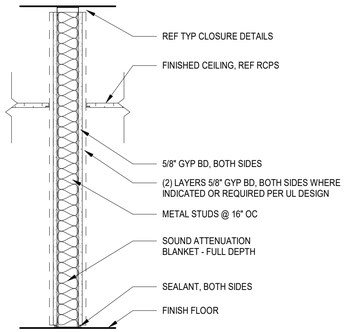
DOOR AND WINDOW DETAILS

0 1" 2"

GENERIC SCALE BAR

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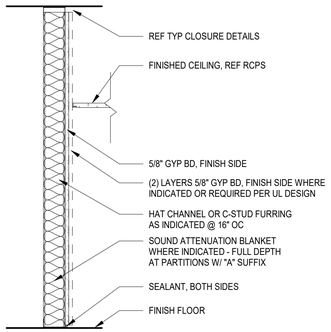


#S	METAL C-STUD & GYP BD TO DECK
#S1. 51	25-GA METAL C-STUD AT 24" O.C. W/ FIBERGLASS INSUL @ (2) LAYERS OF GYP BD ON ONE SIDE & (1) LAYER OF GYP BD ON OTHER SIDE. ENTIRE ASSEMBLY TO EXTEND TO DECK (UL DESIGN U419)

NOTES:
1. BRACE METAL STUDS AS PER MANUFACTURER REQUIREMENTS TO BUILDING STRUCTURE.
2. PROVIDE METAL CLIP ANGLES AS REQUIRED TO INSTALL WALLS ON UNEVEN SURFACES.

NON-RATED & RATED PARTITIONS

FIRE RATING:
UL DESIGN U465 - 1 HR
UL DESIGN U411 - 2 HR

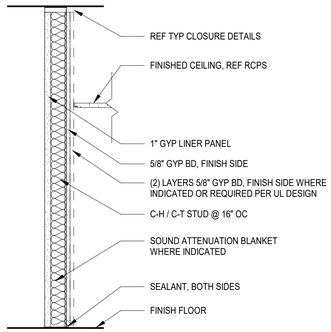


#H	HAT CHANNEL FURRING & GYP BD TO DECK
#F	C-STUD FURRING & GYP BD TO DECK

NOTES:
1. BRACE METAL STUDS AS PER MANUFACTURER REQUIREMENTS TO BUILDING STRUCTURE.
2. PROVIDE METAL CLIP ANGLES AS REQUIRED TO INSTALL WALLS ON UNEVEN SURFACES.

FURRING PARTITIONS

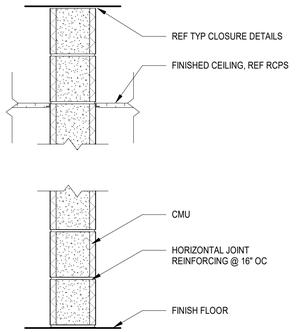
FIRE RATING:
UL DESIGN V497 - 1 HR
UL DESIGN V497 - 2 HR



#SW C-H / C-T STUD & GYP BD TO DECK

SHAFT WALL PARTITIONS

FIRE RATING:
UL DESIGN U499 - 1 HR
UL DESIGN U438 - 2 HR



#M CMU TO DECK

MASONRY PARTITIONS

FIRE RATING: 8M MIN
UL DESIGN U905 - 1 HR & 2 HR
UL DESIGN U904 - 3 HR
UL DESIGN U901 - 4 HR

PARTITION SYMBOL

STRUCTURE MATERIAL

STRUCTURE SIZE

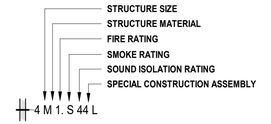
NOMINAL	HAT CHANNEL FURRING (H)	C-STUD FURRING (F)	C-STUD PARTITION (S)	SHAFTWALL PARTITION (SW)	WOOD STUD PARTITION (W)	CONCRETE MASONRY UNIT (M)	CONCRETE (C)
0	7/8"	-	-		-	-	-
1	1 1/2"	1 5/8"	-		-	-	-
2	-	2 1/2"	2 1/2"		2x2	-	-
3	-	3 5/8"	3 5/8"		2x3	-	-
4	-	-	4"		2x4	4"	4"
5	-	-	5 1/2"		-	-	5"
6	-	6"	6"		2x6	6"	6"
8	-	-	8"		-	8"	8"
10	-	-	-		-	10"	10"
12	-	-	-		-	12"	12"

FIRE RATING: *(IF BLANK, NONRATED ASSEMBLY)*
1: 1 HOUR FIRE RESISTANT (ULXXX)
2: 2 HOUR FIRE RESISTANT (ULXXX)
3: 3 HOUR FIRE RESISTANT (ULXXX)
4: 4 HOUR FIRE RESISTANT (ULXXX)

SMOKE RATING: *(IF BLANK, NONRATED ASSEMBLY)*
S: SMOKE RATED (ULXXX)

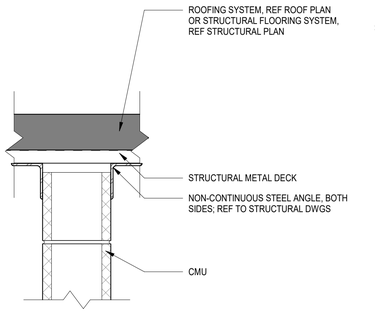
SOUND ISOLATION RATING: *(IF BLANK PROVIDE GENERAL SOUND GENERAL ATTENUATION AT ALL PARTITIONS EXCEPT AT FURRING PARTITIONS, U.N.O.)*
A: GENERAL ATTENUATION
51: STC 51 (UL DESIGN U419)

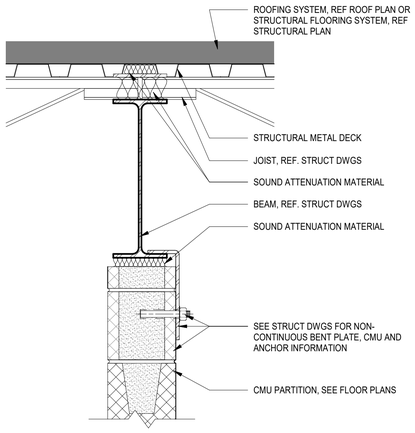
SPECIAL CONSTRUCTION ASSEMBLY: *(IF BLANK, N/A)*
L: LEAD LINED WALL ASSEMBLY

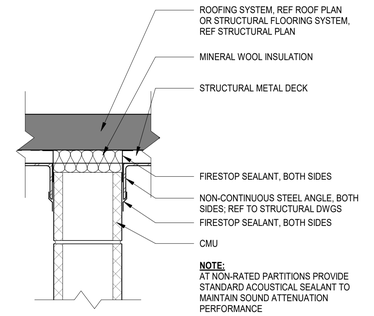


PARTITION TYPES

SCALE: 1" = 1'-0"

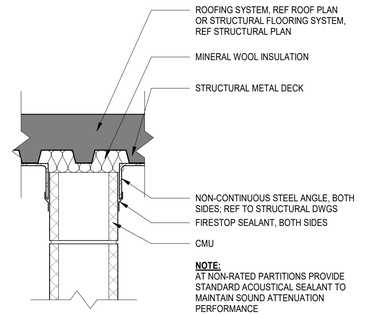






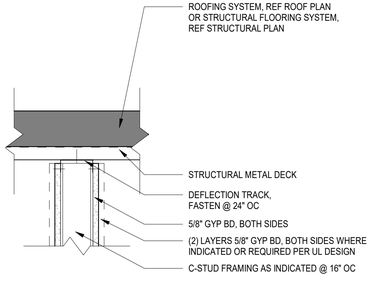
NOTE:
AT NON-RATED PARTITIONS PROVIDE STANDARD ACOUSTICAL SEALANT TO MAINTAIN SOUND ATTENUATION PERFORMANCE

AT RATED & NON-RATED PARTITIONS

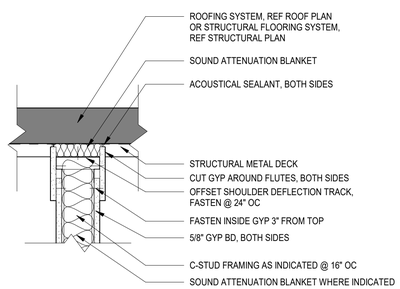


NOTE:
AT NON-RATED PARTITIONS PROVIDE STANDARD ACOUSTICAL SEALANT TO MAINTAIN SOUND ATTENUATION PERFORMANCE

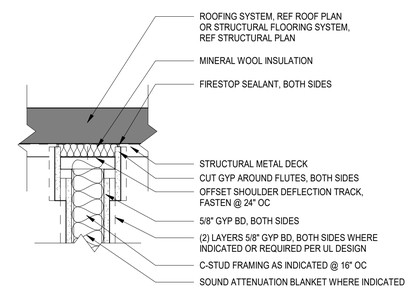
AT RATED & NON-RATED PARTITIONS



NON-RATED PARTITIONS

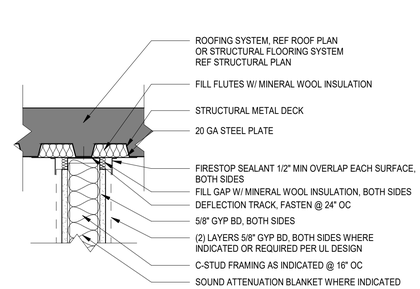


ACOUSTICAL PARTITIONS



FIRE RATINGS:
UL DESIGN HW-D-0060 - 1 HR & 2 HR ASSEMBLY

RATED PARTITIONS (PERPENDICULAR TO DECKING)



FIRE RATINGS:
UL DESIGN HW-D-0264 - 1 HR & 2 HR ASSEMBLY

RATED PARTITIONS (PARALLEL TO DECKING)

PARTITION CLOSURE DETAILS

SCALE: 1 1/2" = 1'-0"

MARLBOROUGH FIRE DISTRICT

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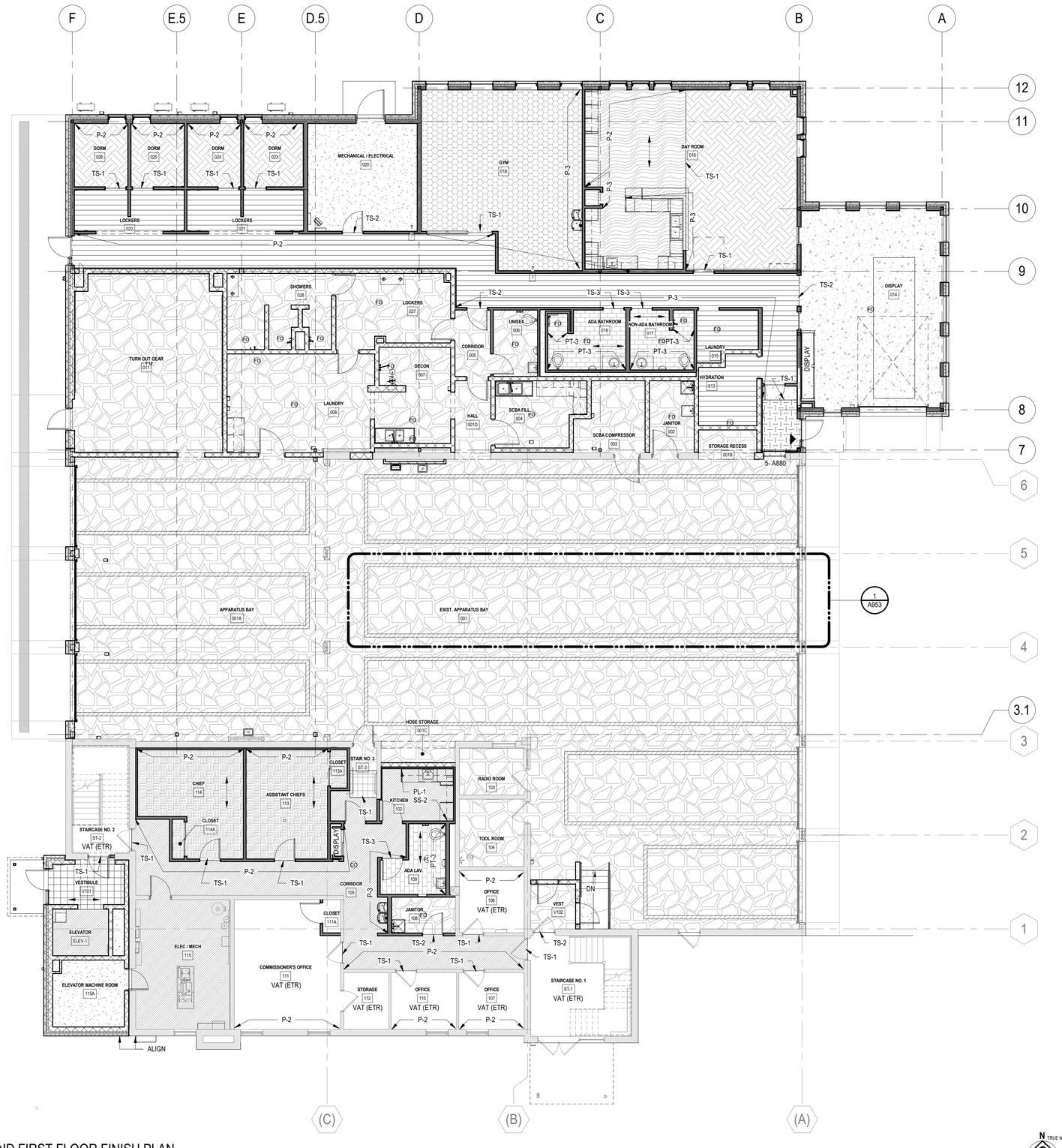
DWG. TITLE

INTERIOR PARTITION TYPES AND DETAILS

0 1" 2"
GENERIC SCALE BAR
SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING. IF NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY

DATE	06/15/2026
SCALE	As indicated
DWN.	SSS
CHK.	NM
PROJ. No.	653001
DWG. No.	

A930



1 APPARATUS BAY AND FIRST FLOOR FINISH PLAN
SCALE: 1/8" = 1'-0"

N TRUE NORTH

GENERAL FINISH NOTES:

CONTRACTOR TO SUBMIT (3) SETS OF 8" X 10" SAMPLES TO ARCHITECT FOR APPROVAL, PRIOR TO ORDERING. THIS IS INCLUSIVE OF ALL FINISH SAMPLES.

FLOOR FINISH NOTES:

1. REFER TO SHEET G1.2 FOR ADDITIONAL NOTES AND THIS SHEET FOR FINISH SPECIFICATIONS.
2. ALL MATERIALS SHALL BE APPLIED IN ACCORDANCE WITH SPECIFICATIONS AND MANUFACTURERS' RECOMMENDATIONS.
3. PROVIDE VINYL REDUCER STRIPS BETWEEN CARPET AND VINYL FLOORING; STRIPS SHOULD BE CENTERED UNDER DOORS; COLOR TO BE SELECTED BY ARCHITECT.
4. CARPET SEAMING TO BE COORDINATED FOR PROPER MATCHING OF CARPET PATTERNS.
5. CONTRACTOR TO COORDINATE ALL DOOR SWINGS WITH FLOOR MATERIAL FOR FREE AND CLEAR SWING.
6. CONTRACTOR TO FLASH PATCH ALL FLOORS AS REQUIRED TO SATISFY ALL ASSEMBLY AND INSTALLATION REQUIREMENTS.
7. ALL GROUT TO BE EPOXY BASED (NOT CEMENT BASED) UNLESS OTHERWISE NOTED.
8. ALL VINYL WALL BASE SHALL BE PROVIDED IN CONTINUOUS RUNS.

WALL FINISH NOTES:

1. REFER TO SHEET G1.2 FOR ADDITIONAL NOTES AND THIS SHEET FOR FINISH SPECIFICATIONS.
2. ALL MATERIALS SHALL BE APPLIED IN ACCORDANCE WITH SPECIFICATIONS AND MANUFACTURERS' RECOMMENDATIONS.
3. ALL FINISHES AT CLOSETS TO MATCH THE ROOM IN WHICH THEY OCCUR.
4. ALL EXISTING METAL DOORS AND FRAMES TO BE BRUSHED, SANDED AND FILLED AS REQUIRED FOR A "LIKE NEW" APPEARANCE AND SUBJECT TO ARCHITECT'S APPROVAL IN FIELD. DOORS TO BE PROPERLY PRIMED PRIOR TO RECEIVING FINAL FINISH PAINT GRADE.
5. ALL FIRE EXTINGUISHER CABINETS AND FIRE STANDPIPE CABINETS TO BE PRIMED AND PAINTED IN A SEMI-GLOSS FINISH TO MATCH THE WALL FINISH IN WHICH THEY OCCUR UNLESS OTHERWISE NOTED.
6. PATCH AND REPAIR WALL SURFACES AS REQUIRED TO PROVIDE SMOOTH SURFACE READY TO RECEIVE NEW FINISH.
7. THERE SHALL BE A MINIMUM NUMBER OF (1) PRIMER COAT AND (2) FINISH COATS. MAXIMUM NUMBER OF COATS SHALL BE AS REQUIRED TO OBTAIN UNIFORM COLOR AND SHEEN.
8. PAINT SHALL BE LATEX EGGSHELL FINISH AT GYP BD PARTITIONS. SEMI-GLOSS FINISH AT FLOORS, FRAME AND CONVECTORS, AND FLAT FINISH AT CEILINGS, UNLESS OTHERWISE NOTED.

FLOOR FINISH LEGEND:

- CPT-1 - CARPET TILE
- C-1 - POLISHED CONCRETE
- CPT-2 - CARPET TILE
- C-2 - SEALED CONCRETE
- CPTM-1 WALK-OFF CARPET MAT
- FAF-1 - EPOXY FLUID APPLIED FLOORING
- RF-1 - LINOLEUM SHEET
- PT-1 - PORCELAIN FLOOR TILE
- RBT-1 - RUBBER TILE
- PT-2 - PORCELAIN FLOOR TILE
- RBT-2 - RUBBER TILE
- RST-1 - RUBBER STAIR TREAD
- SRF-1 - SPORTS FLOORING
- EXISTING FLOORING TO REMAIN
- FLOORING INSTALL DIRECTION

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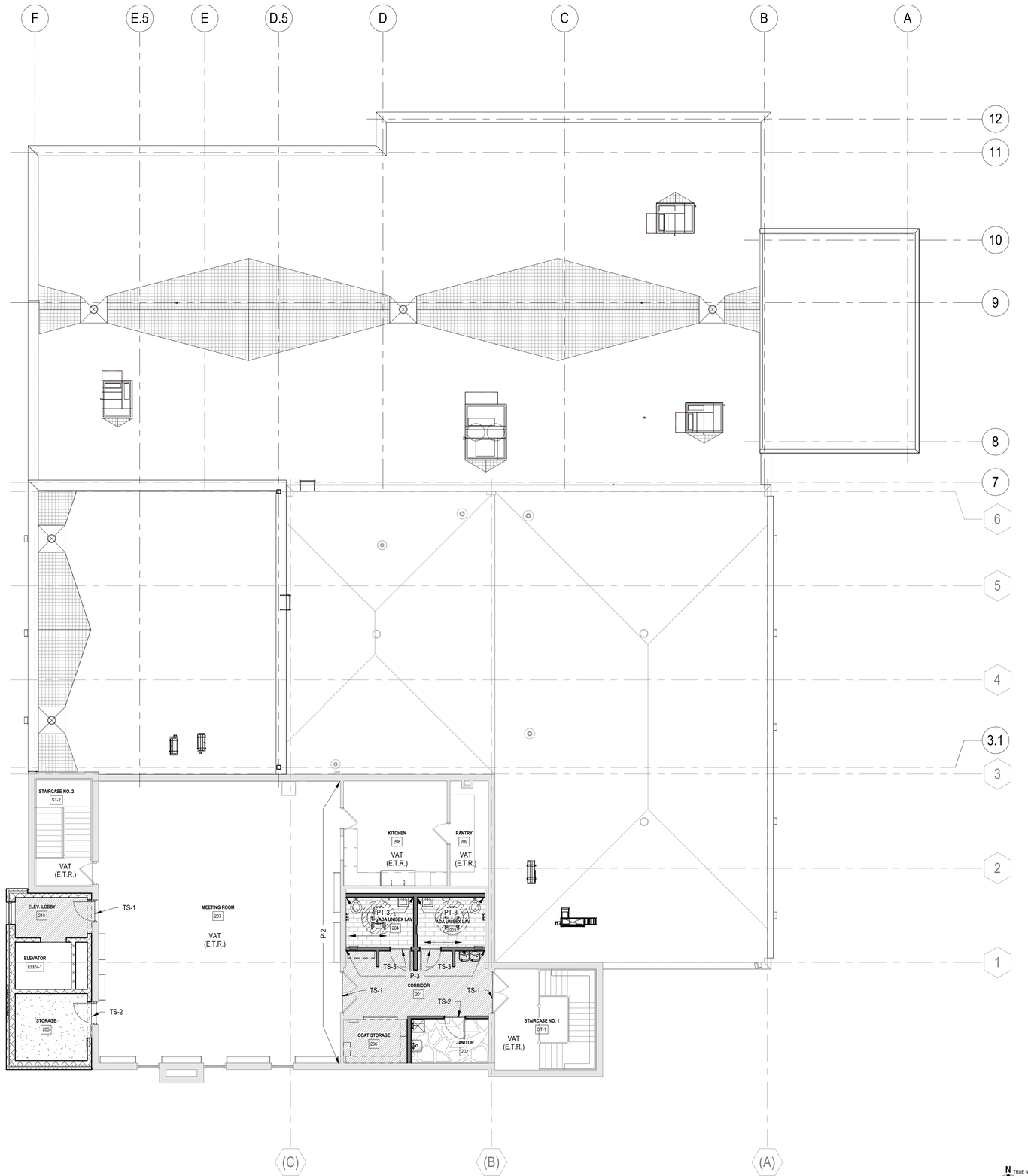
NO.	REVISIONS	DATE
0	ISSUED FOR BID	06/15/2026

DWG. TITLE

OVERALL FINISH PLAN - FIRST FLOOR AND APPARATUS BAY LEVEL

0 1" 2"
GENERIC SCALE BAR
SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING. IF NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY

DATE	06/15/2026
SCALE	As indicated
DWN.	SSS
CHK.	NM
PROJ. No.	653001
DWG. No.	A951



1 SECOND FLOOR FINISH PLAN
SCALE: 1/8" = 1'-0"

N TRUE NORTH

GENERAL FINISH NOTES:

CONTRACTOR TO SUBMIT (3) SETS OF 8" X 10" SAMPLES TO ARCHITECT FOR APPROVAL, PRIOR TO ORDERING. THIS IS INCLUSIVE OF ALL FINISH SAMPLES.

FLOOR FINISH NOTES:

1. REFER TO SHEET G1.2 FOR ADDITIONAL NOTES AND THIS SHEET FOR FINISH SPECIFICATIONS.
2. ALL MATERIALS SHALL BE APPLIED IN ACCORDANCE WITH SPECIFICATIONS AND MANUFACTURERS' RECOMMENDATIONS.
3. PROVIDE VINYL REDUCER STRIPS BETWEEN CARPET AND VINYL FLOORING; STRIPS SHOULD BE CENTERED UNDER DOORS; COLOR TO BE SELECTED BY ARCHITECT.
4. CARPET SEAMING TO BE COORDINATED FOR PROPER MATCHING OF CARPET PATTERNS.
5. CONTRACTOR TO COORDINATE ALL DOOR SWINGS WITH FLOOR MATERIAL FOR FREE AND CLEAR SWING.
6. CONTRACTOR TO FLASH PATCH ALL FLOORS AS REQUIRED TO SATISFY ALL ASSEMBLY AND INSTALLATION REQUIREMENTS.
7. ALL GROUT TO BE EPOXY BASED (NOT CEMENT BASED) UNLESS OTHERWISE NOTED.
8. ALL VINYL WALL BASE SHALL BE PROVIDED IN CONTINUOUS RUNS.

WALL FINISH NOTES:

1. REFER TO SHEET G1.2 FOR ADDITIONAL NOTES AND THIS SHEET FOR FINISH SPECIFICATIONS.
2. ALL MATERIALS SHALL BE APPLIED IN ACCORDANCE WITH SPECIFICATIONS AND MANUFACTURERS' RECOMMENDATIONS.
3. ALL FINISHES AT CLOSETS TO MATCH THE ROOM IN WHICH THEY OCCUR.
4. ALL EXISTING METAL DOORS AND FRAMES TO BE BRUSHED, SANDED AND FILLED AS REQUIRED FOR A "LIKE NEW" APPEARANCE AND SUBJECT TO ARCHITECT'S APPROVAL IN FIELD. DOORS TO BE PROPERLY PRIMED PRIOR TO RECEIVING FINAL FINISH PAINT GRADE.
5. ALL FIRE EXTINGUISHER CABINETS AND FIRE STANDPIPE CABINETS TO BE PRIMED AND PAINTED IN A SEMI-GLOSS FINISH TO MATCH THE WALL FINISH IN WHICH THEY OCCUR UNLESS OTHERWISE NOTED.
6. PATCH AND REPAIR WALL SURFACES AS REQUIRED TO PROVIDE SMOOTH SURFACE READY TO RECEIVE NEW FINISH.
7. THERE SHALL BE A MINIMUM NUMBER OF (1) PRIMER COAT AND (2) FINISH COATS. MAXIMUM NUMBER OF COATS SHALL BE AS REQUIRED TO OBTAIN UNIFORM COLOR AND SHEEN.
8. PAINT SHALL BE LATEX EGGSHELL FINISH AT GYP BD PARTITIONS. SEMI-GLOSS FINISH AT FLOORS, FRAME AND CONVECTORS, AND FLAT FINISH AT CEILINGS, UNLESS OTHERWISE NOTED.

FLOOR FINISH LEGEND:

- CPT-1 - CARPET TILE
- C-1 - POLISHED CONCRETE
- CPT-2 - CARPET TILE
- C-2 - SEALED CONCRETE
- CPTM-1 WALK-OFF CARPET MAT
- FAF-1 - EPOXY FLUID APPLIED FLOORING
- RF-1 - LINOLEUM SHEET
- PT-1 - PORCELAIN FLOOR TILE
- RBT-1 - RUBBER TILE
- PT-2 - PORCELAIN FLOOR TILE
- RBT-2 - RUBBER TILE
- RST-1 - RUBBER STAIR TREAD
- SRF-1 - SPORTS FLOORING
- EXISTING FLOORING TO REMAIN
- FLOORING INSTALL DIRECTION

MARLBOROUGH FIRE DISTRICT

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DWG. TITLE

OVERALL FINISH PLAN - SECOND FLOOR

0 1" 2"
GENERIC SCALE BAR
SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING. IF NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY

DATE	06/15/2026
SCALE	As indicated
DWN.	SSS CHK. NM
PROJ. No.	653001
DWG. No.	

A952

FINISH SPECIFICATIONS

FINISHES

CARPET:

CPT-1 - CARPET TILE
- MANUFACTURER: FORBO
- COLLECTION: FLOTEX
- PATTERN: PRAIRIES
- COLOR: 004394 WARM 1
- SIZE: 39.75" X 9.84"
- INSTALL METHOD: ASHLAR

CPT-2 - CARPET TILE
- MANUFACTURER: PATCRAFT
- COLLECTION: CRAFTED SURFACE
- PATTERN: I0550 OVERLAYER
- COLOR: 00150 ANTIQUE BEIGE
- SIZE: 18" X 36"
- INSTALL METHOD: MONOLITHIC

CPTM-1 - WALK OFF CARPET MAT
- MANUFACTURER: PATCRAFT
- COLLECTION: WALK FORWARD
- PATTERN: I0536 MOVING
- COLOR: 00540 STROLL
- SIZE: 24" X 24"
- INSTALL METHOD: BRICK

RESILIENT FLOORING:

RF-1 - LINOLEUM
- MANUFACTURER: MARMOLEUM
- PRODUCT: STRIATO
- COLOR: 3573 TRACE OF NATURE
- SIZE: SHEET GOOD

RBT-1 - RUBBER TILE
- MANUFACTURER: MANNINGTON COMMERCIAL
- PRODUCT: OPEN RANGE
- COLOR: COOPER
- SIZE: 6.25" X 42"
- INSTALL: ASHLAR

RBT-2 - RUBBER TILE
- MANUFACTURER: MANNINGTON COMMERCIAL
- PRODUCT: TELES
- COLOR: BEACH STONE
- SIZE: 35" X 35"
- INSTALL: MONOLITHIC

SRF-1 - SPORTS FLOORING
- MANUFACTURER: ECORE
- PRODUCT: PERFORMANCE MOTIVATE PLUS
- COLOR: RUSTIC EDGE ES512
- SIZE: SHEET GOOD

CONCRETE:

C-1 - POLISHED CONCRETE FLOOR

C-2 - SEALED CONCRETE FLOOR

EPOXY:

FAF-1 - EPOXY FLUID APPLIED FLOORING
- MANUFACTURER: SHERWIN WILLIAMS
- PRODUCT: RESUFLOR DECO QUARTZ
- COLOR: Q28-24

FAF-2 - EPOXY FLUID APPLIED FLOORING
- MANUFACTURER: SHERWIN WILLIAMS
- PRODUCT: RESUFLOR DECO QUARTZ
- COLOR: SAFETY RED
- LOCATION: FLOOR ACCENT STRIPING AT APPARATUS BAY, SEE FINISH PLAN

FAW-1 - EPOXY COVE BASE
- MANUFACTURER: SHERWIN WILLIAMS
- PRODUCT: RESUFLOOR COVE REZ WITH RESUFLOR DECO QUARTZ
- HEIGHT: 6"
- COLOR: Q28-24

FAW-2 - EPOXY FLUID APPLIED WALL PAINT
- MANUFACTURER: SHERWIN WILLIAMS
- PRODUCT: PRO INDUSTRIAL PRE-CATALYZED WATERBASED EPOXY K46-150 SERIES
- COLOR: SW 7658 GRAY CLOUDS

FAW-3 - EPOXY FLUID APPLIED WALL PAINT
- MANUFACTURER: SHERWIN WILLIAMS
- PRODUCT: PRO INDUSTRIAL PRE-CATALYZED WATERBASED EPOXY K46-150 SERIES
- COLOR: SW 7042 SHOJI WHITE

WALL BASE:

WB-1 - RESILIENT WALL BASE
- MANUFACTURER: ROPPE
- PRODUCT: VINYL WALL BASE
- PROFILE: STANDARD TOE BASE
- COLOR: GREIGE 673
- SIZE: 4" HEIGHT
- NOTE: DO NOT USE MFR CORNER BLOCKS; MITER BASE IN FIELD AT CORNERS. INSTALL LONGEST LENGTHS POSSIBLE, TYP.

WB-2 - TILE WALL BASE
- MANUFACTURER: ARCHITESSA
- PRODUCT: ALDER FIELD TILE
- PROFILE: STANDARD TOE BASE
- COLOR: SAND
- SIZE: 4" HEIGHT
- NOTE: CUT TILE TO INSTALL AS WALL BASE

STAIRS:

RST-1 - RUBBER STAIR TREAD
- MANUFACTURER: MANNINGTON COMMERCIAL
- COLLECTION: BURKE
- PRODUCT: COLORSPEC STAIR TREADS
- COLOR: STONE SET 065
- PROFILE: SQUARE

PORCELAIN TILE:

PT-1 - PORCELAIN FLOOR TILE
- MANUFACTURER: ARCHITESSA
- PRODUCT: ROCK HILL FIELD TILE
- COLOR: ESPRESSO
- SIZE: 12" X 24"
- INSTALL: BRICK
- FINISH: NATURAL

PT-2 - PORCELAIN FLOOR TILE
- MANUFACTURER: DALTILE
- PRODUCT: MARBLE ATTACHE
- COLOR: MA86 TURKISH SKYLINE
- SIZE: 12" X 24"
- INSTALL: BRICK
- FINISH: MATTE

PT-3 - PORCELAIN WALL TILE
- MANUFACTURER: ARCHITESSA
- PRODUCT: ALDER FIELD TILE
- COLOR: SAND
- SIZE: 12" X 24"
- INSTALL: BRICK
- FINISH: NATURAL

CERAMIC TILE:

CT-1 - CERAMIC BACKSPLASH TILE
- MANUFACTURER: ARCHITESSA
- PRODUCT: ALTO LIGNE
- COLOR: BRUT MATTE
- SIZE: 3" X 10"
- INSTALL: HORIZONTAL STACK
- FINISH: MATTE

WALL PAINT:

P-1 - GENERAL PAINT
- MANUFACTURER: SHERWIN WILLIAMS
- COLOR: SW 7042 SHOJI WHITE
- FINISH: EGGSHELL

P-2 - ACCENT PAINT
- MANUFACTURER: SHERWIN WILLIAMS
- COLOR: SW 7658 GRAY CLOUDS
- FINISH: EGGSHELL

P-3 - ACCENT PAINT
- MANUFACTURER: SHERWIN WILLIAMS
- COLOR: SW 6342 SPICY HUE
- FINISH: EGGSHELL

SOLID SURFACE:

SSF-1 - SOLID SURFACE WINDOW SILL
- MATERIAL: SOLID SURFACE
- MANUFACTURER: CORIAN
- COLOR: RICE PAPER

SSF-2 - SOLID SURFACE COUNTERTOP
- MATERIAL: SOLID SURFACE
- MANUFACTURER: CORAIN
- COLOR: ARTISTA MIST

PLASTIC LAMINATES:

PL-1 - PLASTIC LAMINATE MILLWORK AND CUSTOM DISPLAY
- MANUFACTURER: WILSONART
- TYPE: HIGH PRESSURE LAMINATE
- COLOR: HANDSPUN CHESTNUT 5036-38
- FINISH: FINE VELVET FINISH

TRANSITION STRIPS:

TS-1 - RF TO CPT
- MANUFACTURER: SCHLUTER
- PRODUCT: VINPRO-S
- COLOR: BRUSHED NICKEL ANODIZED

TS-2 - RF TO CONCRETE
- MANUFACTURER: SCHLUTER
- PRODUCT: VINPRO-U
- COLOR: BRUSHED NICKEL ANODIZED

TS-3 - RF TO PORCELAIN TILE
- MANUFACTURER: SCHLUTER
- PRODUCT: RENO-U
- COLOR: BRUSHED NICKEL ANODIZED

WINDOW TREATMENTS:

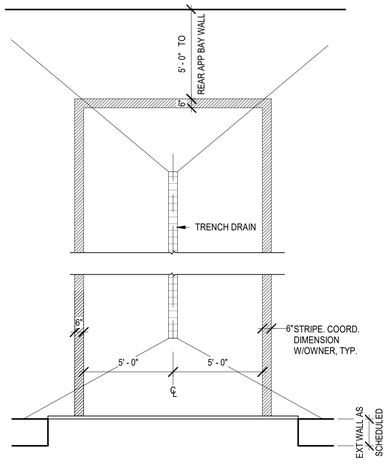
WS-1 - WINDOW SHADES
- MANUFACTURER: HUNTER DOUGLAS
- PRODUCT: RIVIERA COMMERCIAL ALUMINUM BLINDS
- COLOR: 385 EVENING SNOW
- SIZE: 1" SLATS

CEILINGS

ACT-1 - ACOUSTICAL CEILING TILE (TYP CEILING)
- MANUFACTURER: ARMSTRONG
- PRODUCT: ULTIMA
- TILE COLOR: WHITE
- SIZE: 24" X 24" BEVELED TEGULAR 15/16"
- GRID: 15/16" PRELUDE
- GRID COLOR: BLIZZARD WHITE

ACT-2 - ACOUSTICAL CEILING TILE (TYP CEILING)
- MANUFACTURER: ARMSTRONG
- PRODUCT: ULTIMA
- TILE COLOR: WHITE
- SIZE: 24" X 48" BEVELED TEGULAR 15/16"
- GRID: 15/16" PRELUDE
- GRID COLOR: BLIZZARD WHITE

GWB - GYP BD CEILING PAINT
- MANUFACTURER: ARMSTRONG
- COLOR: SW 7757 HIGH REFLECTIVE WHITE
- FINISH: FLAT



1 APPARATUS BAY EPOXY FLR PATTERN
SCALE: 1/4" = 1'-0"

ROOM FINISH SCHEDULE

NOTES:

ROOM NUMBER	ROOM NAME	FLOOR	BASE	WALL		CEILING	NOTES
				FIELD	ACCENT		
001	EXIST. APPARATUS BAY	FAF-1	FAW-1	FAW-2	FAW-3	EXPD	FAW-2 UP TO 10'-0" AFF, FAW-3 ABOVE
001A	APPARATUS BAY	FAF-1	FAW-1	FAW-2	FAW-3	EXPD	FAW-2 UP TO 10'-0" AFF, FAW-3 ABOVE
001B	STORAGE RECESS	FAF-1	FAW-1	FAW-2		EXPD	
001C	HOSE STORAGE	FAF-1	FAW-1	FAW-2		GWB	
001D	HALL	FAF-1	FAW-1	FAW-2	FAW-3	EXPD	FAW-2 UP TO 10'-0" AFF, FAW-3 ABOVE
002	JANITOR	FAF-1	FAW-1	FAW-2	FAW-3	EXPD	FAW-2 UP TO 10'-0" AFF, FAW-3 ABOVE
003	SCBA COMPRESSOR	FAF-1	FAW-1	FAW-2	FAW-3	EXPD	FAW-2 UP TO 10'-0" AFF, FAW-3 ABOVE
004	SCBA FILL	FAF-1	FAW-1	FAW-2	FAW-3	EXPD	FAW-2 UP TO 10'-0" AFF, FAW-3 ABOVE
005	CORRIDOR	FAF-1	FAW-1	FAW-2		ACT-2	
006	UNISEX	FAF-1	FAW-1	FAW-2		ACT-1	
007	DECON	FAF-1	FAW-1	FAW-2	FAW-3	EXPD	FAW-2 UP TO 10'-0" AFF, FAW-3 ABOVE
008	LAUNDRY	FAF-1	FAW-1	FAW-2	FAW-3	EXPD	FAW-2 UP TO 10'-0" AFF, FAW-3 ABOVE
011	TURN OUT GEAR	FAF-1	FAW-1	FAW-2	FAW-3	EXPD	FAW-2 UP TO 10'-0" AFF, FAW-3 ABOVE
012	CORRIDOR	RBT-3	WB-1	P-1	P-2, P-3	ACT-1	REFER TO FINISH PLAN FOR ACCENT WALL LOCATIONS
013	HYDRATION	RBT-3	WB-1	P-1		ACT-1	
014	DISPLAY	C-1	WB-1	P-1		ACT-1 / GWB	
015	LAUNDRY	RBT-3	WB-1	P-1		ACT-1	
016	DAY ROOM	CPT-2/RBT-2	WB-1	P-1	P-2, P-3	ACT-1	
016A	PANTRY	RBT-2	WB-1	P-1		GWB	
017	NON-ADA BATHROOM	PT-2	WB-2	P-1	PT-3	ACT-1 / GWB	REFER TO FINISH PLAN FOR ACCENT WALL LOCATIONS
018	GYM	SRF-1	WB-1	P-1	P-3	ACT-1	REFER TO FINISH PLAN FOR ACCENT WALL LOCATION
019	ADA BATHROOM	PT-2	WB-2	P-1	PT-3	ACT-1	REFER TO FINISH PLAN FOR ACCENT WALL LOCATIONS
020	MECHANICAL / ELECTRICAL	C-2	WB-1	P-1		EXPD	
021	LOCKERS	RBT-3	WB-1	P-2		ACT-1	
022	LOCKERS	RBT-3	WB-1	P-2		ACT-1	
023	DORM	CPT-2	WB-1	P-1	P-2	ACT-1	REFER TO FINISH PLAN FOR ACCENT WALL LOCATION
024	DORM	CPT-2	WB-1	P-1	P-2	ACT-1	REFER TO FINISH PLAN FOR ACCENT WALL LOCATION
025	DORM	CPT-2	WB-1	P-1	P-2	ACT-1	REFER TO FINISH PLAN FOR ACCENT WALL LOCATION
026	DORM	CPT-2	WB-1	P-1	P-2	ACT-1	REFER TO FINISH PLAN FOR ACCENT WALL LOCATION
027	LOCKERS	FAF-1	FAW-1	FAW-2	FAW-3	EXPD	FAW-2 UP TO 10'-0" AFF, FAW-3 ABOVE
028	SHOWERS	FAF-1	FAW-1	FAW-2		GWB	
102	KITCHEN	RBT-1	WB-1	P-1		ACT-1	
103	RADIO ROOM	FAF-1	FAW-1	FAW-2		GWB	
104	TOOL ROOM	FAF-1	FAW-1	FAW-2		GWB	
105	CORRIDOR	RBT-1	WB-1	P-1	P-2, P-3	ACT-1	REFER TO FINISH PLAN FOR ACCENT WALL LOCATIONS
106	OFFICE	ETR	ETR	P-1	P-2	ACT-2	REFER TO FINISH PLAN FOR ACCENT WALL LOCATION
107	OFFICE	ETR	ETR	P-1	P-2	ACT-2	REFER TO FINISH PLAN FOR ACCENT WALL LOCATION
108	JANITOR	FAF-1	FAW-1	FAW-2		GWB	
109	ADA LAV.	PT-2	WB-2	P-1	PT-3	ACT-1	REFER TO FINISH PLAN FOR ACCENT WALL LOCATION
110	OFFICE	ETR	ETR	P-1	P-2	ACT-2	REFER TO FINISH PLAN FOR ACCENT WALL LOCATION
111	COMMISSIONER'S OFFICE	ETR	ETR	P-1	P-2	ACT-2	REFER TO FINISH PLAN FOR ACCENT WALL LOCATION
111A	CLOSET	ETR	ETR	P-1		GWB	
112	STORAGE	ETR	ETR	P-1		ACT-2	
113	ASSISTANT CHIEFS	CPT-1	WB-1	P-1	P-2	ACT-2	REFER TO FINISH PLAN FOR ACCENT WALL LOCATION
113A	CLOSET	CPT-1	WB-1	P-1		GWB	
114	CHIEF	CPT-1	WB-1	P-1	P-2	ACT-2	REFER TO FINISH PLAN FOR ACCENT WALL LOCATION
114A	CLOSET	CPT-1	WB-1	P-1		GWB	
115	ELEC / MECH	C-2	WB-1	P-1		GWB	
115A	ELEVATOR MACHINE ROOM	C-2	WB-1	P-1		4SWC-1	
116	LIFT						
201	CORRIDOR	RBT-1	WB-1	P-1	P-3	ACT-2	REFER TO FINISH PLAN FOR ACCENT WALL LOCATIONS
202	JANITOR	FAF-1	FAW-1	FAW-2		ACT-2	
203	ADA UNISEX LAV	PT-2	WB-2	P-1	PT-3	ACT-2	REFER TO FINISH PLAN FOR ACCENT WALL LOCATION
204	ADA UNISEX LAV	PT-2	WB-2	P-1	PT-3	ACT-2	REFER TO FINISH PLAN FOR ACCENT WALL LOCATION
205	STORAGE	C-2	WB-1	P-1		EXPD	
206	COAT STORAGE	ETR	ETR	P-1		ACT-2	
207	MEETING ROOM	ETR	ETR	P-1	P-2	ACT-2	REFER TO FINISH PLAN FOR ACCENT WALL LOCATION
208	KITCHEN	ETR	ETR	P-1		EXIST. GWB	
209	PANTRY	ETR	ETR	P-1		EXIST. GWB	
210	ELEV. LOBBY	RBT-1	WB-1	P-1		GWB	
ELEV-1	ELEVATOR	RBT-1	WB-1			-	
ST-1	STAIRCASE NO. 1	ETR	ETR	P-1		ACT-1	
ST-2	STAIRCASE NO. 2	ETR	ETR	P-1		EXIST. ACT	
ST-3	STAIR NO. 3	FAF-1/RBT-1/RST-1	WB-1	P-1			RST-1 AT STAIR TREADS
V02	VESTIBULE	CPTM-1	WB-1	P-1		GWB	
V101	VESTIBULE	PT-1	WB-1	P-1		GWB	
V102	VEST	FAF-1	FAW-1	FAW-2		EXPD	

MARLBOROUGH FIRE DISTRICT

MARLBORO HOSE CO. NO. 1
14 GRAND STREET,
MARLBORO, NY 12542

MARLBOROUGH FIRE STATION ADDITIONS AND RENOVATION

CONSTRUCTION DOCUMENTS

wendel

Centerpointe Corporate Park
375 Essjay Road, Suite 200
Williamsville, NY 14221
www.wendelcompanies.com
p:716.688.0766 tf:877.293.6335

Wendel WD Architecture, Engineering, Surveying and Landscape Architecture, P.C

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NO.	REVISIONS	DATE
0	ISSUED FOR BID	06/15/2026

DWG. TITLE

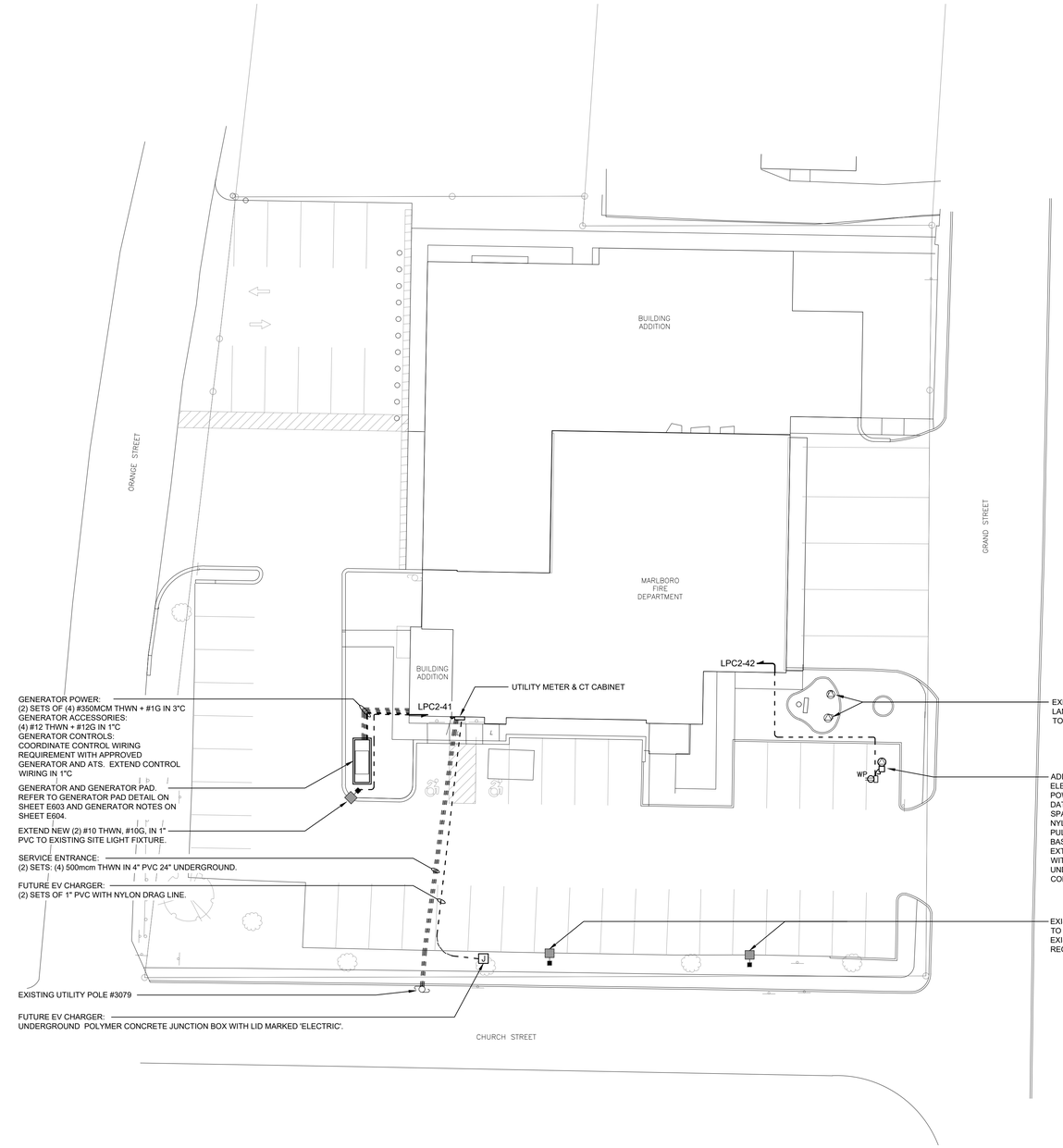
FINISH SPECIFICATIONS & ROOM FINISH SCHEDULE

0 1" 2"
GENERIC SCALE BAR
SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING. IF NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY

DATE	06/15/2026
SCALE	As indicated
DWN.	SSS
CHK.	NM
PROJ. No.	653001
DWG. No.	

A953

A1001
FIRST FLOOR SIGNAGE PLAN



1 MEP - SITE PLAN
SCALE: 1" = 20'-0"

N TRUE NORTH

MARLBOROUGH FIRE DISTRICT

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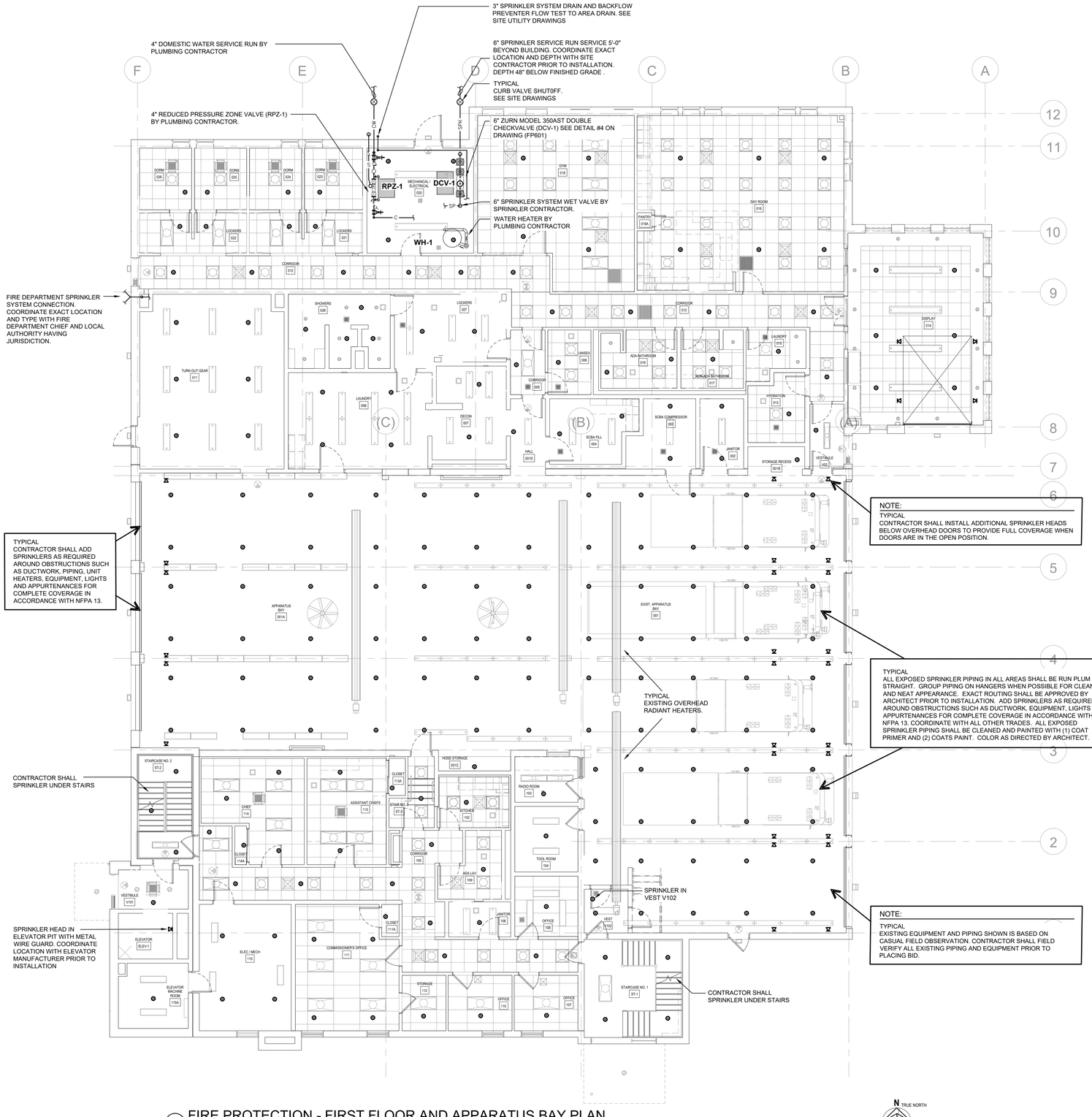
MEP:
SITE PLAN

0 1" 2"
GENERIC SCALE BAR
SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING. IF NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY

DATE	06/15/2026		
SCALE	AS NOTED		
DWN.	RL/KC	CHK.	WH
PROJ. No.	653001		GA25057

DWG. No.

MEP201



1 FIRE PROTECTION - FIRST FLOOR AND APPARATUS BAY PLAN
SCALE: 1/8" = 1'-0"

MARLBOROUGH FIRE DISTRICT

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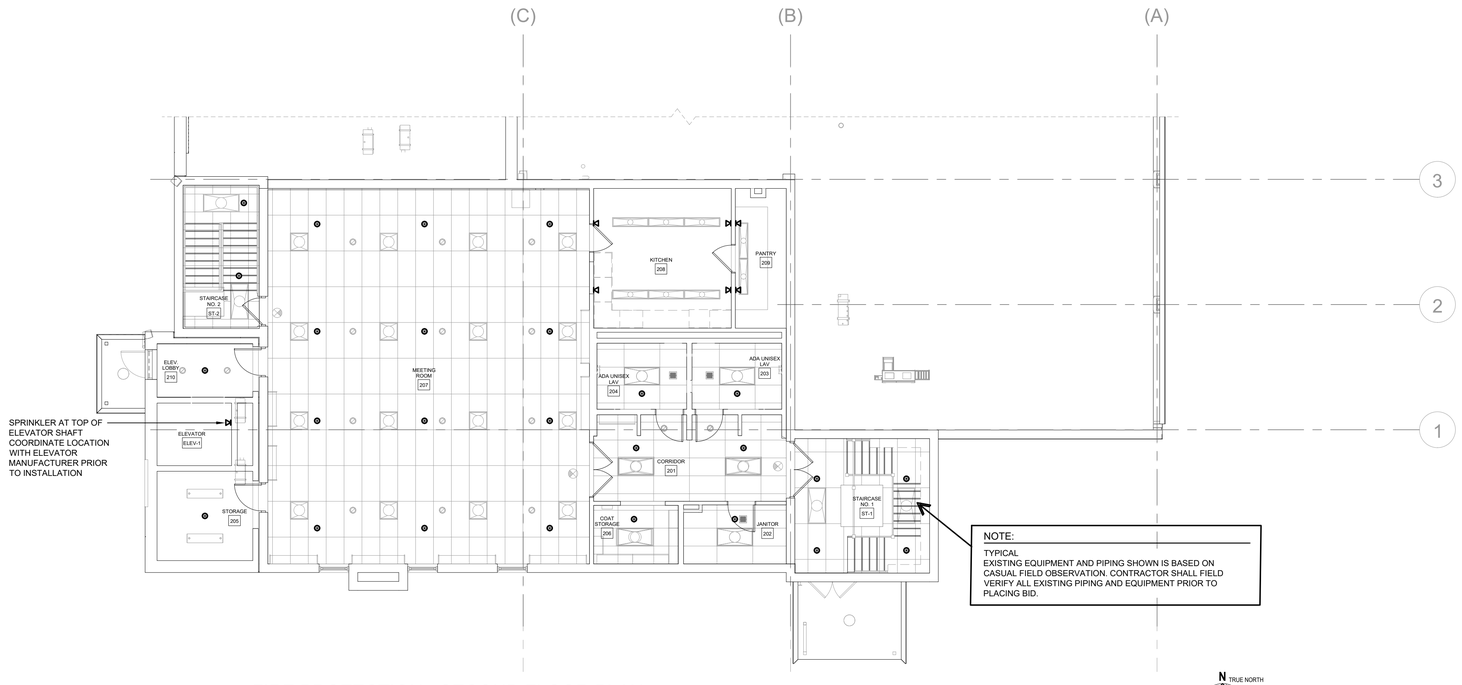
DWG. TITLE

FIRE PROTECTION:
FIRST FLOOR AND APPARATUS BAY PLAN

0 1" 2"
GENERIC SCALE BAR
SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING. IF NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY

DATE	06/15/2026
SCALE	AS NOTED
DWN.	KC/JT
CHK.	JT
PROJ. No.	653001
	GA25057
DWG. No.	

FP101



1 FIRE PROTECTION - SECOND FLOOR PLAN
SCALE: 1/8" = 1'-0"

MARLBOROUGH FIRE DISTRICT

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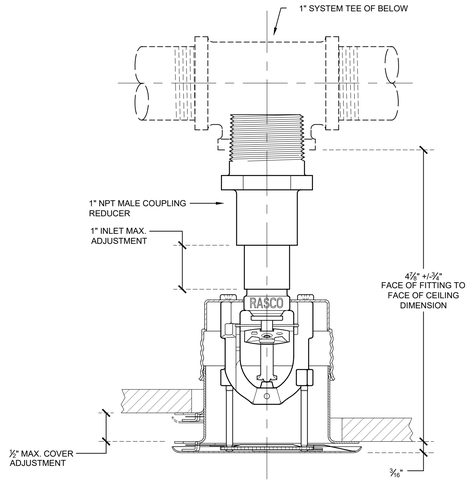
DWG. TITLE

FIRE PROTECTION:
SECOND FLOOR PLAN

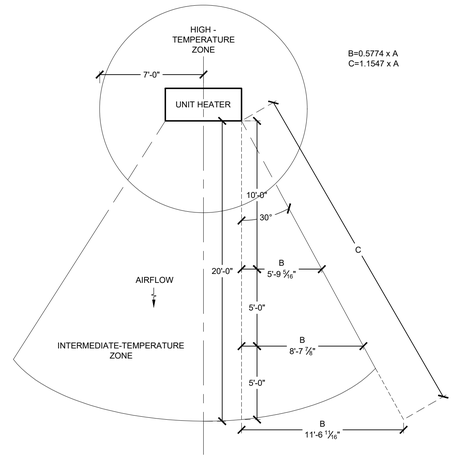
0 1" 2"
GENERIC SCALE BAR
SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING. IF NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY.

DATE	06/15/2026		
SCALE	AS NOTED		
DWN.	KC/JT	CHK.	JT
PROJ. No.	653001		GA25057
DWG. No.			

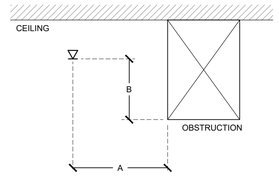
FP102



1 CONCEALED SPRINKLER HEAD DETAIL
NOT TO SCALE



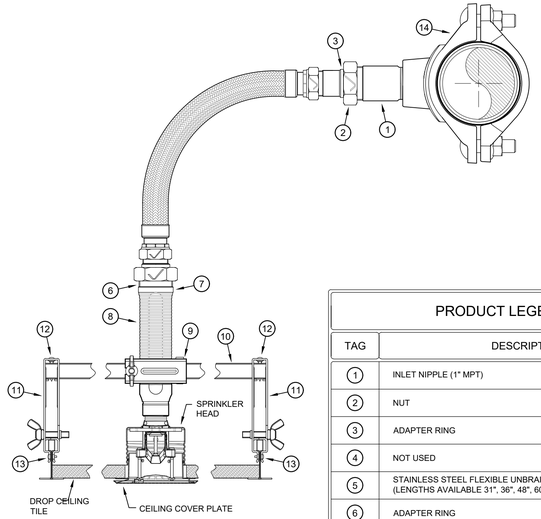
3 SPRINKLER TEMPERATURE ZONES AT UNIT HEATERS
NOT TO SCALE



POSITIONING OF SPRINKLERS

DISTANCE FROM SPRINKLERS TO SIDE OF OBSTRUCTION (A)	MAXIMUM ALLOWABLE DISTANCE OF DEFLECTOR ABOVE BOTTOM OF OBSTRUCTION (IN) (B)
LESS THAN 1 FT.	0
1 FT. TO LESS THAN 1 FT. 6 IN.	2½"
1' FT. 6 IN. TO LESS THAN 2 FT.	3½"
2 FT. TO LESS THAN 2 FT. 6 IN.	5½"
2 FT. 6 IN. TO LESS THAN 3 FT.	7½"
3 FT. TO LESS THAN 3 FT. 6 IN.	9½"
3 FT. 6 IN. TO LESS THAN 4 FT.	12
4 FT. TO LESS THAN 4 FT. 6 IN.	14
4 FT. 6 IN. TO LESS THAN 5 FT.	16½"
5 FT. TO LESS THAN 5 FT. 6 IN.	18
5 FT. 6 IN. TO LESS THAN 6 FT.	20
6 FT. TO LESS THAN 6 FT. 6 IN.	24
6 FT. 6 IN. TO LESS THAN 7 FT.	30
7 FT. TO LESS THAN 7 FT. 6 IN.	35

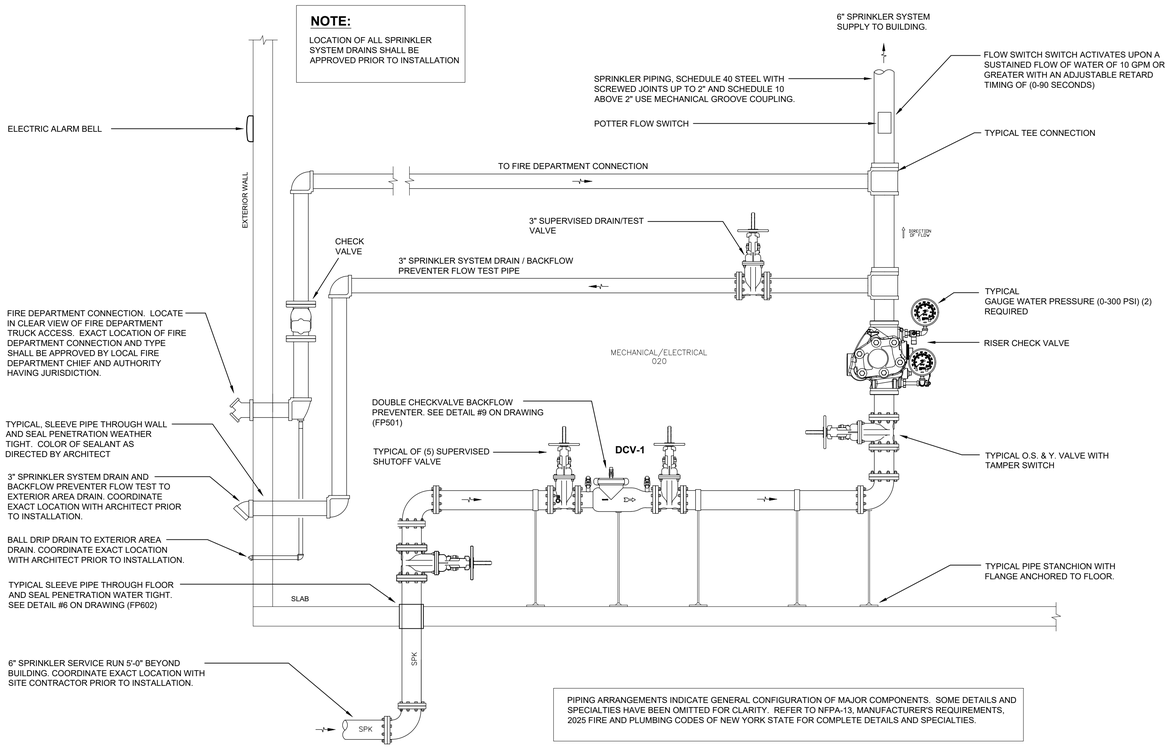
5 SPRINKLER HEAD HORIZONTAL OBSTRUCTION CHART
NOT TO SCALE



PRODUCT LEGEND

TAG	DESCRIPTION
1	INLET NIPPLE (1" MPT)
2	NUT
3	ADAPTER RING
4	NOT USED
5	STAINLESS STEEL FLEXIBLE UNBRAIDED HOSE (7/8" NOMINAL DIAMETER) (LENGTHS AVAILABLE 31", 36", 48", 60", & 72")
6	ADAPTER RING
7	NUT
8	REDUCING OUTLET (AVAILABLE 1/2" OR 3/4" FMPT)
9	CENTER BRACKET ASSEMBLY
10	SQUARE BAR (AVAILABLE IN 24" AND 48" LENGTHS)
11	END BRACKET ASSEMBLY
12	SHEET METAL SCREW
13	#8 X 1/2-INCH SELF-TAPPING SCREW
14	MECHANICAL-T OUTLET

2 TYPICAL FLEXIBLE HOSE SPRINKLER ASSEMBLIES FOR CONCEALED PENDANT SPRINKLERS
NOT TO SCALE



4 WET SPRINKLER SYSTEM RISER SCHEMATIC
NOT TO SCALE

MARLBOROUGH FIRE DISTRICT

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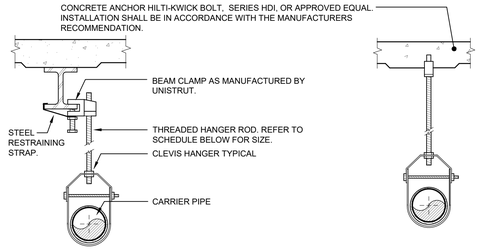
DWG. TITLE

FIRE PROTECTION:
DETAILS

GENERIC SCALE BAR
0 1" 2"
SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING. IF NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY

DATE	06/15/2026
SCALE	AS NOTED
DWN.	KC/JT
CHK.	JT
PROJ. No.	653001
	GA25057
DWG. No.	

FP601

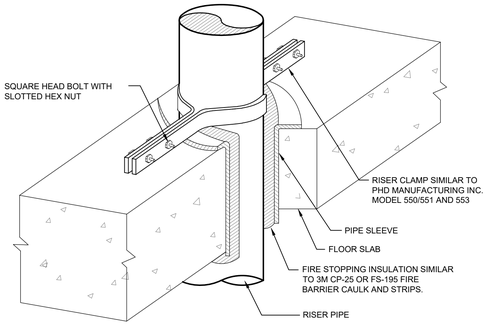


PIPE HANGER SCHEDULE					
PIPE DIA.	3/4"-2"	2 1/2"-3"	4"-5"	6"	8"-12"
HANGER DIA.	3/8"	1/2"	5/8"	3/4"	7/8"

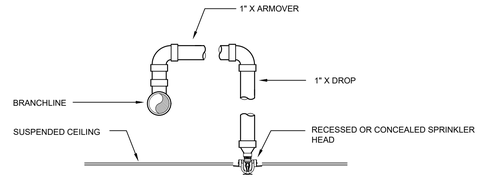
NOTES:

1. CLEVIS HANGERS WITH WELDED INSULATION SHIELDS SIMILAR TO RAUCH FIG. 100SH ON ALL PIPES LARGER THAN 1".
2. ALL PIPE HANGERS SHALL BE GALVANIZED STEEL OR FACTORY PAINTED BLACK WITH ENAMEL.

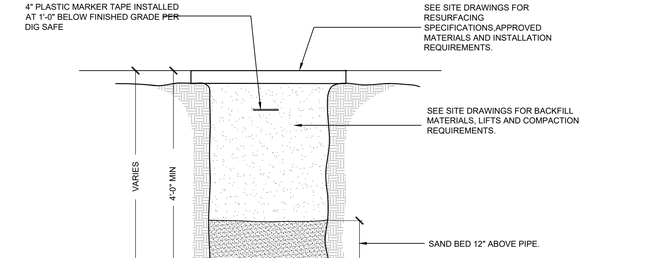
1 PIPE HANGER DETAIL
NOT TO SCALE



4 PIPE PENETRATION THROUGH FLOOR DETAIL
NOT TO SCALE



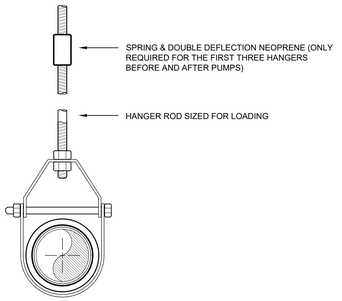
5 TYPICAL ARM-OVER DETAIL
NOT TO SCALE



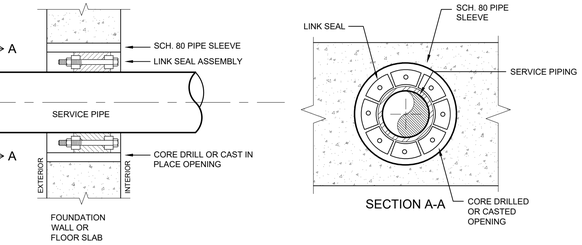
NOTES:

1. INSTALL CONTINUOUS DETECTABLE MARKING TAPE DURING BACKFILLING OF TRENCH FOR UNDERGROUND PIPING. LOCATE TAPE 12" BELOW FINISHED GRADE, DIRECTLY OVER PIPING, EXCEPT 6" BELOW SUBGRADE UNDER PAVEMENTS & SLAB.
2. TRENCHING SHALL BE IMPLEMENTED IN ACCORDANCE WITH O.S.H.A. STANDARDS.
3. 4'-0" MIN COVER SHALL BE APPLIED TO SPRINKLER MAIN.
4. USE CRUSHED STONE BED 6" AROUND PIPE IF WATER IS ENCOUNTERED IN TRENCH BY SP[RINKLER CONTRACTOR.

8 WATER/SPRINKLER PIPING TRENCH DETAIL
NOT TO SCALE



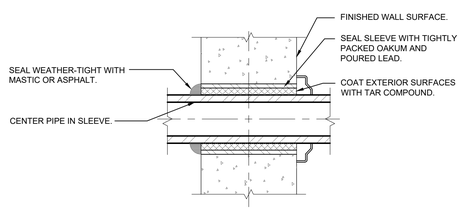
2 HANGER DETAIL
NOT TO SCALE



NOTES:

1. SEAL ASSEMBLY BASED ON THUNDERLINE MODEL "C" LINK-SEAL MODULAR SEAL, WITH EPDM SEAL ELEMENT, COMPOSITE PRESSURE PLATES, STEEL WITH 2-PART ZINC DICHROMATE & ORGANIC COATED NUTS AND BOLTS RATED FOR AN OPERATING TEMPERATURE RANGE OF -40°F TO +250°F.
2. USE LINK SEAL AT ALL LOCATIONS WHERE PIPES PENETRATE NEW OR EXISTING FOUNDATION WALLS AND SLABS ON GRADE.

6 LINK SEAL DETAIL
NOT TO SCALE

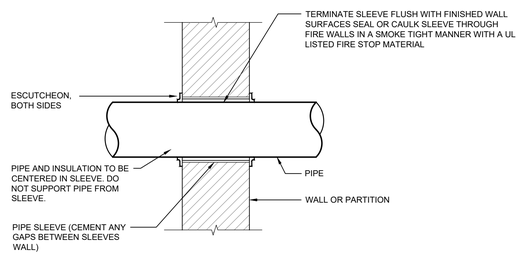


EXTERIOR WALLS

NOTE:

1. PIPE SLEEVE FOR EXTERIOR WALL ABOVE GRADE.

3 EXTERIOR WALL PIPE PENETRATION DETAIL
NOT TO SCALE



NOTE:

THIS DETAIL ALSO APPLICABLE TO INTERIOR NON-WATER PROOF FLOOR CONSTRUCTION. FOR WATER PROOF FLOOR CONSTRUCTION AND OTHER CONSTRUCTION - SEE ARCHITECTS SPECIFICATIONS. CONTRACTOR SHALL FOLLOW UL-LISTED STANDARD FOR WALL/PARTITION/FLOOR CONSTRUCTION MATERIAL TO ACHIEVE FIRE RATING.

7 FIRE RATED PARTITION AND WALL PENETRATION DETAIL
NOT TO SCALE

MARLBOROUGH FIRE DISTRICT

MARLBORO HOSE CO. NO. 1
14 GRAND STREET,
MARLBORO, NY 12542

MARLBOROUGH FIRE STATION ADDITIONS AND RENOVATION

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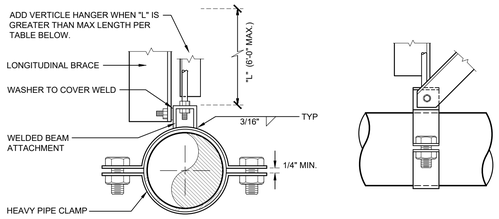
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FIRE PROTECTION:
DETAILS

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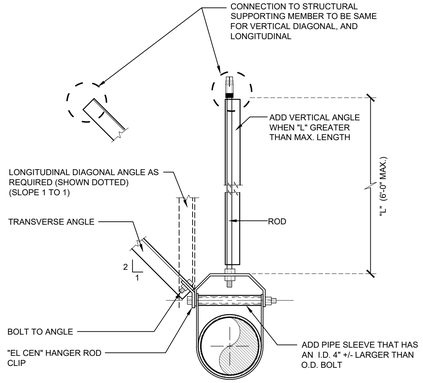
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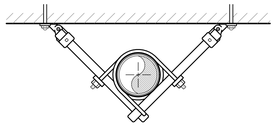
BRACE SPACING	PIPE	ROD	MAX. ROD LENGTH	VERT. HANGERS	TRANSVERSE HANGERS	BOLT
80'	2½"	½"	25"	2 x 2 x 16ga	2½" x 2½ x 16ga	⅜"
80'	3'	½"	25"	2 X 2 X 16ga	2½" X 2½ X 16ga	⅜"
80'	4'	⅝"	31"	2 X 2 X 16ga	2½" X 2½ X 16ga	⅜"
80'	6'	¾"	37"	2 X 2 X 16ga	2½" X 2½ X 16ga	⅜"
80'	8'	⅞"	43"	2 X 2 X 16ga	2½" X 2½ X 16ga	⅜"

1 LONGITUDINAL SEISMIC BRACING
NOT TO SCALE



BRACE SPACING	PIPE	ROD	MAX. ROD LENGTH	VERT. HANGERS	TRANSVERSE HANGERS	BOLT
40'	2½"	½"	25"	2 x 2 x 16ga	2½" x 2½ x 16ga	⅜"
40'	3'	½"	25"	2 X 2 X 16ga	2½" X 2½ X 16ga	⅜"
40'	4'	⅝"	31"	2 X 2 X 16ga	2½" X 2½ X 16ga	⅜"
40'	6'	¾"	37"	2 X 2 X 16ga	2½" X 2½ X 16ga	⅜"
40'	8'	⅞"	43"	2 X 2 X 16ga	2½" X 2½ X 16ga	⅜"

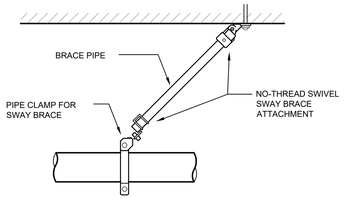
2 TRANSVERSE SEISMIC PIPE BRACING
NOT TO SCALE



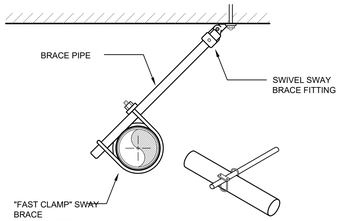
FAST CLAMP RISER BRACE

LONGITUDINAL AND LATERAL BRACE LOCATION

LATERAL BRACE LOCATION

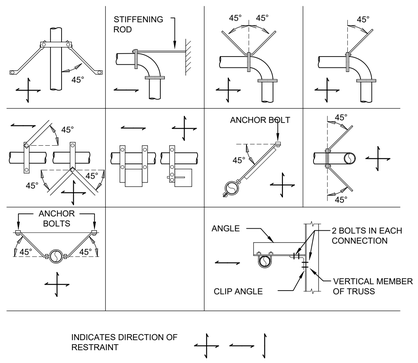


LONGITUDINAL EARTHQUAKE BRACE
NON–THREADED BRACE PIPE



LATERAL EARTHQUAKE BRACE
NON–THREADED BRACE PIPE

3 SEISMIC HANGER DETAILS
NOT TO SCALE



4 SEISMIC SWAY BRACING (GENERAL)
NOT TO SCALE

SEISMIC EQUIPMENT AND PIPE HANGER DESIGN

THE FIRE PROTECTION SYSTEM SHALL COMPLY WITH THE NEW YORK STATE UNIFORM FIRE PROTECTION AND BUILDING CODE, 2025 BUILDING CODE OF NEW YORK STATE SECTION 1613 AND APPLICABLE PROVISIONS OF ASCE 7 (ARCHITECTURAL, MECHANICAL AND ELECTRICAL COMPONENT SEISMIC DESIGN REQUIREMENTS).
SPRINKLER CONTRACTOR SHALL HIRE NYS LICENSED PROFESSIONAL ENGINEER TO DESIGN AND PREPARE SHOP DRAWINGS WITH CALCULATIONS FOR EACH PIPE SUPPORT, CONDUIT SUPPORT, MULTIPLE PIPE SUPPORT, TRAPEZE AND SEISMIC RESTRAINT. SUBMIT SHOP DRAWINGS WITH CALCULATIONS TO ENGINEER FOR RECORD AND TO LOCAL AUTHORITY HAVING JURISDICTION FOR APPROVAL.

SEISMIC REQUIREMENTS:
BUILDING USE CATEGORY - IV
SEISMIC DESIGN CATEGORY - C

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GENERAL SPRINKLER NOTES

1. SPRINKLER CONTRACTOR SHALL FURNISH AND INSTALL A COMPLETE AND OPERATIVE AUTOMATIC FIRE PROTECTION SPRINKLER SYSTEM, INCLUDING MAIN VALVES AND TIE-INS WITH FIRE ALARM SYSTEM AS NECESSARY TO COMPLY WITH NFPA 13 SPRINKLER SYSTEM.
2. ALL SPRINKLER SYSTEM WORK SHALL BE INSTALLED IN ACCORDANCE WITH 2025 FIRE PROTECTION CODE, BUILDING CODE, PLUMBING CODE OF NEW YORK STATE, NATIONAL FIRE PROTECTION ASSOCIATION STANDARD 13, 72, NFPA 101 LIFE SAFETY AND ALL APPLICABLE LOCAL CODES.
3. SPRINKLER CONTRACTOR SHALL FURNISH AND INSTALL ALL PIPING, VALVES, SPRINKLER HEADS, TESTS, HANGERS, FITTINGS AND MISCELLANEOUS COMPONENTS NOT NECESSARILY DETAILED ON THESE DRAWINGS TO RENDER THE SPRINKLER SYSTEM COMPLETE, OPERABLE, AND IN ACCORDANCE WITH APPLICABLE CODES AND GENERALLY ACCEPTED INDUSTRY STANDARDS.
4. SPRINKLER CONTRACTOR SHALL COORDINATE LOCATIONS OF ALL PIPING, SPRINKLER HEADS AND EQUIPMENT WITH OTHER PRIME CONTRACTORS TO AVOID CONFLICTS.
5. SPRINKLER CONTRACTOR SHALL SEAL AROUND ALL PIPE PENETRATIONS THROUGH FIRE RATED WALLS AND CEILINGS WITH HILTI INTUMESCENT FIRE STOP MATERIALS TO MAINTAIN FIRE AND SMOKE RATINGS.
6. SPRINKLER CONTRACTOR SHALL GUARANTEE ALL WORKMANSHIP AND MATERIAL INSTALLED UNDER THIS CONTRACT FREE FROM DEFECTS FOR A PERIOD OF ONE (1) YEAR FROM DATE OF SUBSTANTIAL COMPLETION AND ACCEPTANCE BY THE OWNER, AND AGREES TO REPLACE DEFECTIVE WORK AT NO ADDITIONAL COST TO OWNER DURING THE GUARANTEE PERIOD.
7. SPRINKLER CONTRACTOR SHALL SUBMIT SHOP DRAWINGS SHOWING ALL EQUIPMENT, SPRINKLER HEADS AND PIPING WITH SIGNED & SEALED HYDRAULIC CALCULATIONS TO ENGINEER AND LOCAL FIRE INSPECTOR FOR APPROVAL PRIOR TO INSTALLATION.
8. DEMONSTRATE NEW SPRINKLER SYSTEM TO OWNER AND REVIEW MAINTENANCE PROCEDURES. SUBMIT (2) EQUIPMENT MANUALS TO ENGINEERS. PROVIDE CHROME PLATED ESCUTCHEON PLATES WHERE PIPES PASS THROUGH WALL, FLOORS, AND CEILINGS IN FINISHED AREAS.
9. SPRINKLER CONTRACTOR SHALL COORDINATE FINAL LOCATIONS OF ALL PIPING IN FINISHED AREAS TO ENSURE CONCEALMENT OF ALL PIPING IN WALLS, FLOORS AND CEILINGS.
10. SPRINKLER CONTRACTOR SHALL PAY FOR ALL PERMITS AND INSPECTIONS FEES REQUIRED BY LOCAL AUTHORITY HAVING JURISDICTION.
11. SPRINKLER CONTRACTOR SHALL NOT DRILL OR CUT ANY STRUCTURAL MEMBERS WITHOUT PERMISSION OF ARCHITECT.
12. SPRINKLER CONTRACTOR IS RESPONSIBLE FOR CUTTING, PATCHING AND PAINTING ASSOCIATED WITH SPRINKLER WORK. SEE ARCHITECT'S SPECIFICATIONS AND GENERAL CONDITIONS FOR APPROVED MATERIALS AND METHODS.
13. EXACT LOCATION OF FIRE DEPARTMENT CONNECTION, TYPE AND SPRINKLER SYSTEM TEST/DRAIN SHALL BE APPROVED BY LOCAL FIRE DEPARTMENT CHIEF, LOCAL FIRE INSPECTOR OR AUTHORITY HAVING JURISDICTION PRIOR TO INSTALLATION.
14. SPRINKLER CONTRACTOR SHALL INSTALL ALL EQUIPMENT IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND OBSERVE ALL CLEARANCES.
15. ALL CONTROL WIRING SHALL BE IN ACCORDANCE WITH N.E.C. ELECTRICAL CODE AND ALL LOCAL CODES. ALL CONDUCTORS SHALL BE COPPER. 120V/1 - MINIMUM CONDUCTOR SIZE #12. 24V MINIMUM CONDUCTOR SIZE #18. SEE ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR APPROVED MATERIALS AND INSTALLATION METHODS.
16. SPRINKLER CONTRACTOR SHALL OBSERVE CLEARANCES TO OBSTRUCTIONS.
17. SPRINKLER CONTRACTOR SHALL CHAIN CONTROL VALVE IN THE OPEN POSITION.
18. SPRINKLER CONTRACTOR SHALL FURNISH SHOP DRAWINGS INDICATING LOCATIONS OF ALL EQUIPMENT AND DEVICES.
19. SPRINKLER CONTRACTOR SHALL FURNISH & INSTALL SPRINKLER CABINET WITH MINIMUM SIX SPARE SPRINKLER HEADS AND WRENCH. INCLUDE SEPARATE CABINET WITH SPRINKLERS AND WRENCH FOR EACH TYPE OF HEAD ON PROJECTION IN ACCORDANCE WITH NFPA 13.
20. SPRINKLER CONTRACTOR SHALL FURNISH & INSTALL KNOX BOX AND EXTERIOR INDICATING LIGHTS AS REQUIRED BY AUTHORITY HAVING JURISDICTION.
21. SPRINKLER CONTRACTOR SHALL FURNISH COORDINATED SHOP DRAWINGS INDICATING LOCATIONS OF ALL EQUIPMENT AND DEVICES INSTALLED IN CEILINGS. THESE DRAWINGS SHALL BE APPROVED BY ALL CONTRACTORS PRIOR TO INSTALLING ANY EQUIPMENT IN CEILINGS. CONTRACTORS THAT DO NOT FOLLOW SHOP DRAWINGS SHALL BEAR ALL COSTS FOR RELOCATING DEVICES AND EQUIPMENT IN CONFLICT WITH OTHER EQUIPMENT.
22. SPRINKLER CONTRACTOR SHALL PROVIDE ACCESS DOORS FOR ALL VALVES CONCEALED IN INACCESSIBLE CEILINGS AND WALLS. SEE ARCHITECTS SPECIFICATIONS FOR APPROVED MANUFACTURERS AND TYPES. ACCESS DOORS SHALL HAVE (1) PRIME COAT AND (2) COATS OF FINISHED PAINT. COLOR AS DIRECTED BY ARCHITECT. ACCESS DOOR SHALL HAVE APPROPRIATE FIRE RATING TO MAINTAIN INTEGRITY OF CEILING AND WALL.
23. SPRINKLER CONTRACTOR MAY USE EXTENDED COVERAGE SPRINKLER HEADS WHERE PRESSURE AND FLOW PERMIT BASED ON HYDRAULIC CALCULATIONS.
24. SPRINKLER CONTRACTOR SHALL SUBMIT SHOP DRAWINGS SHOWING SPRINKLER PIPING EQUIPMENT AND HEAD LOCATIONS WITH HYDRAULIC CALCULATIONS. COORDINATE SPRINKLER HEAD LOCATIONS WITH OTHER CONTRACTORS TO AVOID CONFLICTS. RELOCATE SPRINKLER HEADS TO MEET FIELD CONDITIONS. SHOP DRAWINGS SHALL SHOW SPRINKLER PIPE SIZES, PIPE HANGER REQUIREMENTS, FIRESTOPPING AND NECESSARY DETAILS REQUIRED FOR BUILDING DEPARTMENT AND INSURANCE CARRIER APPROVAL. HYDRAULIC CALCULATIONS SHALL BE BASED ON RESIDUAL FLOW TEST PERFORMED BY THIS CONTRACTOR. SUBMIT SHOP DRAWINGS WITH HYDRAULIC CALCULATION TO ENGINEER FOR APPROVAL. SHOP DRAWINGS THEN SHALL BE SUBMITTED TO BUILDING DEPARTMENT, LOCAL FIRE DEPARTMENT AND INSURANCE CARRIER FOR APPROVAL.
25. WHEN INSTALLING SPRINKLER HEADS, THE SPRINKLER CONTRACTOR SHALL PROVIDE THE SHORTEST HYDRAULIC PIPE LENGTH BETWEEN THE FINAL SPRINKLER HEAD LOCATION AND THE BRANCH LINE CONNECTION.
26. SPRINKLER CONTRACTOR SHALL BE RESPONSIBLE FOR DRAINING AND FILLING THE NEW SYSTEM AS REQUIRED FOR COMPLETION OF WORK.
27. PROVIDE (2) 2½ GALLON PRESSURIZED WATER AND (1) 10 POUND ABC DRY CHEMICAL EXTINGUISHERS FOR EMERGENCY USE DURING CONSTRUCTION.
28. SPRINKLER SYSTEM PIPING SHALL BE ALTERED AS NEEDED TO ACCOMMODATE CEILING HEIGHTS, DUCTWORK, LIGHTS AND OTHER PIPING. PROVIDE ALL REQUIRED PIPING AND FITTINGS AS NEEDED TO OFFSET SPRINKLER SYSTEM TO AVOID STRUCTURAL, ARCHITECTURAL, MECHANICAL AND ELECTRICAL INTERFERENCES, WHETHER SHOWN ON THE DRAWINGS OR NOT.
29. SPRINKLER HEADS INSTALLED IN HUNG CEILING WILL BE POSITIONED WITH TOLERANCE OF ±½" OF THE CENTERLINE OF THE TILES. INSTALL SPRINKLER HEADS TIGHT TO THE BOTTOM OF THE HUNG CEILING, WITH CARE THAT THE FINISH IS NOT DAMAGED. WHEN CONCEALED TYPE SPRINKLER HEADS ARE USED, THE COVER PLATES SHALL BE FLUSH WITH THE CEILING PLANE, TOLERANCE GREATER THAN ±½" IS UNACCEPTABLE.
30. SPRINKLER CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING START-UP OF ALL NEW EQUIPMENT, CONTROLS, AND ETC. TO ENSURE CORRECT OPERATION OF INSTALLED DEVICES.
31. SPRINKLER CONTRACTOR SHALL PROVIDE OWNER WITH CATALOG DATA, OPERATING INSTRUCTIONS, MAINTENANCE INSTRUCTIONS, AND RECORD (AS-BUILT) DRAWINGS OF ALL COMPLETED WORK.
32. SPRINKLER CONTRACTOR SHALL PROVIDE ADDITIONAL SPRINKLER HEADS AROUND ALL OBSTRUCTIONS SUCH AS LIGHTS, EQUIPMENT, COLUMNS, AND ETC. AS REQUIRED TO PROVIDE COMPLETE COVERAGE IN ACCORDANCE WITH NFPA 13.
33. ALL NEW HOLES IN WALLS AND FLOORS SHALL BE CORE DRILLED BY THIS CONTRACTOR. PRIOR TO CORE DRILLING FLOORS, RADAR SCAN FLOOR SLABS. USE CAUTION WHEN CORE DRILLING TO AVOID DAMAGE TO EQUIPMENT, SYSTEMS, STRUCTURE AND ETC. ANY ITEMS DAMAGED AS A RESULT OF CORE DRILLING SHALL BE REPAIRED BY THIS CONTRACTOR AT NO ADDITIONAL COST TO OWNER.
34. SPRINKLER CONTRACTOR SHALL PROVIDE ALL REQUIRED SIGNAGE FOR FIRE PROTECTION SYSTEM.
35. HEALTH, SAFETY AND CRITICAL OPERATING EQUIPMENT SHALL NOT BE COMPROMISED WITHOUT THE FIRE DISTRICT NOTIFICATION AND SCHEDULED SHUTDOWN DURING OFF HOURS AS TEMPORARY OPERATIONAL PLAN IS IMPLEMENTED AND MAINTAINED.
27. SPRINKLER CONTRACTOR SHALL SCHEDULE ALL SHUT-DOWNS OF EXISTING BASE BUILDING EQUIPMENT/SYSTEMS WITH FIRE DISTRICT AS REQUIRED FOR PERFORMING WORK. NOTICE SHALL BE GIVEN NO LESS THAN (5) FIVE BUSINESS DAYS PRIOR REQUIRED SHUT-DOWN. SHUT-DOWNS SHALL NOT BE PERFORMED WITHOUT APPROVAL FROM FIRE DISTRICT.

FIRE PROTECTION EQUIPMENT SCHEDULE

SYMBOL	MANUFACTURER	CATALOG #	DESCRIPTION
◁	TYCO	SERIES TY-FRB	SIDEWALL SPRINKLER, QUICK RESPONSE, K=5.6 - "INTERMEDIATE" TEMPERATURE CLASSIFICATION (175°F). RECESSED WHITE ESCUTCHEON PLATE.
⊙	TYCO	SERIES RFII	CONCEALED PENDENT SPRINKLER, QUICK RESPONSE, K=5.6 -"ORDINARY" TEMPERATURE CLASSIFICATION (155°F). COLOR WHITE.
⊙ A	TYCO	SERIES RFII	CONCEALED PENDENT SPRINKLER, QUICK RESPONSE, K=5.6 -"INTERMEDIATE" TEMPERATURE CLASSIFICATION (200°F). COLOR WHITE.
⊙ B	TYCO	SERIES TY-FRB	UPRIGHT/PENDANT SPRINKLER, QUICK RESPONSE, K=5.6 -"INTERMEDIATE" TEMPERATURE CLASSIFICATION (175°F). NATURAL BRASS, CHROME OR COLOR AS DIRECTED BY OWNER. WITH METAL WIRE GUARD
_____	_____	_____	SPRINKLER PIPING ABOVEGROUND, SCHEDULE 40 STEEL WITH SCREWED JOINTS UP TO 2" AND SCHEDULE 10 ABOVE 2" USE MECHANICAL GROOVE COUPLING.
DCV-1	WATTS	774OSY	6" DOUBLE CHECKVALVE ASSEMBLY WITH UL/FM APPROVED OS&Y SUPERVISED GATE VALVES. APPROVED BY UNIVERSITY OF SOUTHERN CALIFORNIA.

NOTES:

1. SPRINKLER HEADS SHALL BE INSTALLED AS PER MANUFACTURER'S RECOMMENDATIONS.
2. PROVIDE METAL WIRE GUARDS WHERE SPRINKLERS ARE SUBJECT TO DAMAGE.
3. ALL HEAT GENERATING EQUIPMENT WHICH CAN AFFECT THE TEMPERATURE RATING OF THE SPRINKLER HEADS SHALL BE CLEARLY IDENTIFIED ON THE SHOP DRAWINGS. COORDINATE HEATING EQUIPMENT LOCATIONS WITH MECHANICAL PLANS.
4. SPRINKLER CONTRACTOR SHALL FURNISH & INSTALL SHIELDS ON SPRINKLERS THAT CANNOT BE SUFFICIENTLY SPACED TO AVOID DISCHARGE INTERACTION.
5. FINAL K-FACTOR OF SPRINKLER HEADS BASED UPON HYDRAULIC CALCULATION REQUIREMENTS.

SPRINKLER SYSTEM TESTS

1. HYDROSTATIC - 200 PSI FOR 2 HOURS WITHOUT LOSS OF PRESSURE.
2. SYSTEM OPERATIONAL TESTS - WATER FLOW DETECTING DEVICES.
3. MAIN DRAIN VALVE - STATIC AND RESIDUAL PRESSURES.
4. SPRINKLER CONTRACTOR SHALL PERFORM ALL SPRINKLER SYSTEM TESTS REQUIRED BY LOCAL FIRE INSPECTOR OR AUTHORITY HAVING JURISDICTION.
5. ALL TESTS SHALL BE WITNESSED BY LOCAL FIRE INSPECTOR OR AUTHORITY HAVING JURISDICTION. SUBMIT REPORT ON ALL TESTS TO LOCAL FIRE INSPECTOR AND ENGINEER FOR APPROVAL.

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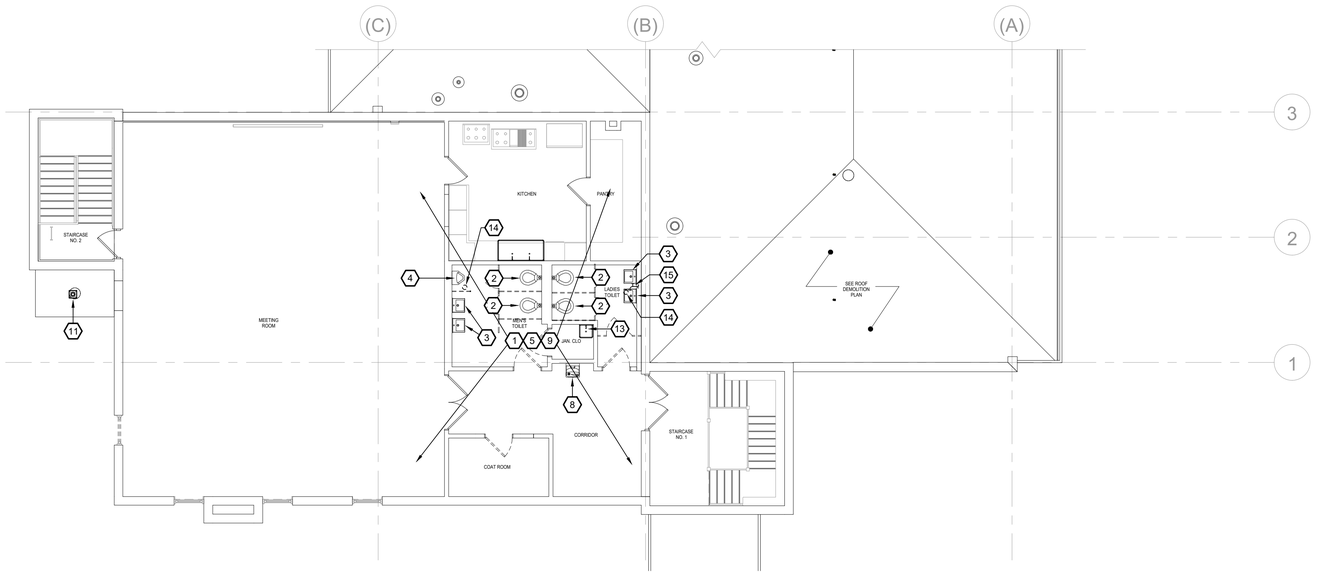
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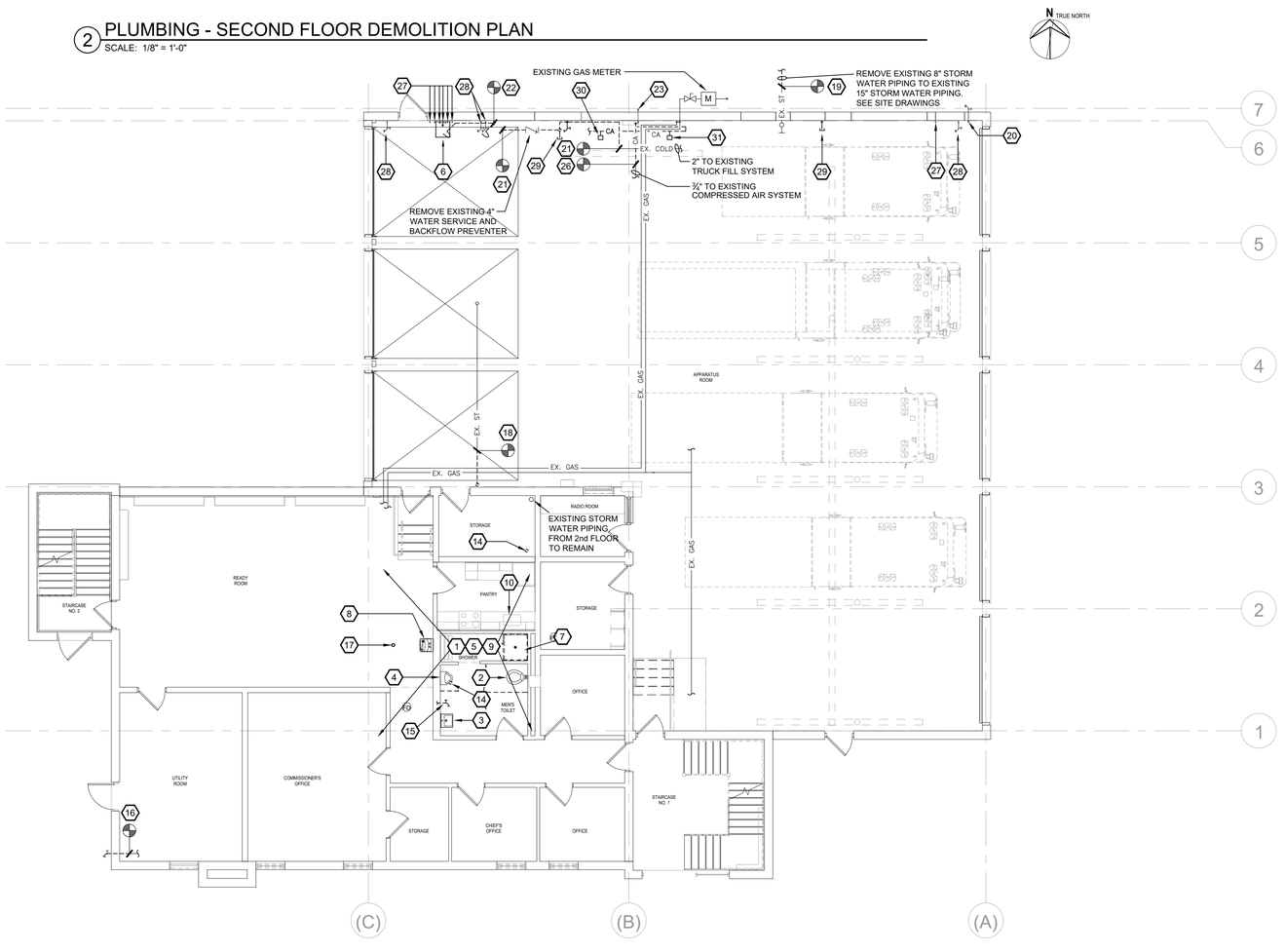
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FP701



2 PLUMBING - SECOND FLOOR DEMOLITION PLAN

SCALE: 1/8" = 1'-0"



1 PLUMBING - FIRST FLOOR DEMOLITION PLAN

SCALE: 1/8" = 1'-0"

KEYED DEMOLITION NOTES

(APPLIES (PD101 & PD102)DEMOLITION PLANS ONLY)

1. EXISTING EQUIPMENT SHOWN IS BASED ON CASUAL FIELD OBSERVATION. CONTRACTOR SHALL FIELD VERIFY EXISTING SANITARY, VENT, DOMESTIC WATER PIPING, PLUMBING FIXTURES AND EQUIPMENT PRIOR TO PLACING BID.
2. CONTRACTOR SHALL REMOVE EXISTING WATER CLOSET, FLUSH VALVE AND ALL ASSOCIATED APPURTENANCES (COMPLETE). PROPERLY TERMINATE COLD, VENT AND SANITARY PIPING BACK AT NEAREST JUNCTION POINT OR BACK AT SOURCE. PREPARE PIPING FOR CONNECTION TO NEW PLUMBING FIXTURES. MAINTAIN ACTIVE PLUMBING FIXTURES SERVED BY THESE SOURCES.
3. CONTRACTOR SHALL REMOVE EXISTING LAVATORY, FAUCET, SUPPLIES, STOP VALVE, AND ALL ASSOCIATED APPURTENANCES (COMPLETE). PROPERLY TERMINATE HOT, COLD, VENT AND SANITARY PIPING BACK AT NEAREST JUNCTION POINT OR BACK AT SOURCE. PREPARE PIPING FOR CONNECTION TO NEW PLUMBING FIXTURES. MAINTAIN ACTIVE PLUMBING FIXTURES SERVED BY THESE SOURCES.
4. CONTRACTOR SHALL REMOVE EXISTING URINALS, FLUSH VALVE AND ALL ASSOCIATED APPURTENANCES (COMPLETE). PROPERLY TERMINATE COLD, VENT AND SANITARY PIPING BACK AT NEAREST JUNCTION POINT OR BACK AT SOURCE. PREPARE PIPING FOR CONNECTION TO NEW PLUMBING FIXTURES. MAINTAIN ACTIVE PLUMBING FIXTURES SERVED BY THESE SOURCES.
5. CONTRACTOR IS RESPONSIBLE FOR ALL CUTTING, PATCHING, PAINTING AND RESURFACING TO MATCH EXISTING FOR PLUMBING FIXTURE REMOVAL AND NEW PLUMBING FIXTURE INSTALLATION. SEE ARCHITECTS DRAWINGS AND GENERAL CONDITIONS FOR ACCEPTABLE PROCEDURES, STANDARDS AND METHODS OF INSTALLATION.
6. CONTRACTOR SHALL REMOVE EXISTING SERVICE SINK, FAUCET, SUPPLIES, STOP VALVE, AND ALL ASSOCIATED APPURTENANCES (COMPLETE). PROPERLY TERMINATE HOT, COLD, VENT AND SANITARY PIPING BACK AT NEAREST JUNCTION POINT OR BACK AT SOURCE. PREPARE PIPING FOR CONNECTION TO NEW PLUMBING FIXTURES. MAINTAIN ACTIVE PLUMBING FIXTURES SERVED BY THESE SOURCES. CLEAN SERVICE SINK, FAUCET AND STORE ON SITE FOR RE-INSTALLATION IN NEW ADDITION, JANITOR (002).
7. CONTRACTOR SHALL REMOVE EXISTING SHOWER, SHOWER VALVE, SUPPLIES, DRAIN, STOP VALVES, AND ALL ASSOCIATED APPURTENANCES (COMPLETE). PROPERLY TERMINATE HOT, COLD, VENT AND SANITARY PIPING BACK AT NEAREST JUNCTION POINT OR BACK AT SOURCE. PREPARE PIPING FOR CONNECTION TO NEW PLUMBING FIXTURES. MAINTAIN ACTIVE PLUMBING FIXTURES SERVED BY THESE SOURCES.
8. CONTRACTOR SHALL REMOVE EXISTING DRINKING FOUNTAIN, SUPPLY, STOP VALVE, AND ALL ASSOCIATED APPURTENANCES (COMPLETE). PROPERLY TERMINATE COLD, VENT AND SANITARY PIPING BACK AT NEAREST JUNCTION POINT OR BACK AT SOURCE. MAINTAIN ACTIVE PLUMBING FIXTURES SERVED BY THESE SOURCES.
9. CONTRACTOR SHALL REMOVE/RELOCATE/MODIFY/EXTEND EXISTING PIPING FOUND IN WALLS SCHEDULED FOR REMOVAL. MAINTAIN ACTIVE PIPING SERVING PLUMBING FIXTURES.
10. CONTRACTOR SHALL REMOVE EXISTING SINK, FAUCET, SUPPLIES, STOP VALVES AND ALL ASSOCIATED APPURTENANCES (COMPLETE). PROPERLY TERMINATE HOT, COLD, VENT AND SANITARY PIPING AT NEAREST JUNCTION POINT OR BACK AT MAIN IF FED DIRECTLY. MAINTAIN ACTIVE PLUMBING FIXTURES BEING SERVED BY THESE SOURCES.
11. CONTRACTOR SHALL REMOVE EXISTING ROOF DRAIN, PIPING AND ALL ASSOCIATED APPURTENANCES TO BELOW GRADE. MODIFY/EXTEND EXISTING STORM WATER PIPING AS NECESSARY TO CONNECT TO NEW ADDITION ROOF DRAIN. SEE DRAWING (P101 & P102). MAINTAIN ACTIVE STORM DRAINAGE SERVED BY THIS SOURCE.
12. CONTRACTOR SHALL REMOVE EXISTING ROOF DRAIN, STORM WATER PIPING AND ALL ASSOCIATED APPURTENANCES BACK TO PIPING TERMINATION POINT SHOWN. PREPARE STORM WATER PIPING FOR CONNECTION TO NEW ROOF DRAIN. SEE DRAWINGS (P102 & P103).
13. CONTRACTOR SHALL REMOVE EXISTING SERVICE SINK, FAUCET, SUPPLIES, STOP VALVE, AND ALL ASSOCIATED APPURTENANCES (COMPLETE). PROPERLY TERMINATE HOT, COLD, VENT AND SANITARY PIPING BACK AT NEAREST JUNCTION POINT OR BACK AT SOURCE. PREPARE PIPING FOR CONNECTION TO NEW PLUMBING FIXTURES. MAINTAIN ACTIVE PLUMBING FIXTURES SERVED BY THESE SOURCES.
14. CONTRACTOR SHALL REMOVE EXISTING FLOOR DRAIN AND ALL ASSOCIATED APPURTENANCES (COMPLETE). PROPERLY TERMINATE VENT AND SANITARY PIPING BACK AT NEAREST JUNCTION POINT OR BACK AT SOURCE. MAINTAIN ACTIVE PLUMBING FIXTURES SERVED BY THESE SOURCES.
15. CONTRACTOR SHALL REMOVE EXISTING SILLCOCK, PIPING AND ALL ASSOCIATED APPURTENANCES (COMPLETE). PROPERLY TERMINATE COLD WATER PIPING BACK AT NEAREST JUNCTION POINT OR BACK AT SOURCE. MAINTAIN ACTIVE PLUMBING FIXTURES SERVED BY THESE SOURCES.
16. CONTRACTOR SHALL REMOVE EXISTING NON-FREEZE HOSEBIBB, AND ALL ASSOCIATED APPURTENANCES BACK TO TERMINATION POINT SHOWN. PREPARE COLD WATER PIPING FOR CONNECTION TO NEW NON-FREEZE BIBB IN NEW LOCATION. SEE DRAWING (P101).
17. CONTRACTOR SHALL REMOVE EXISTING CLEANOUT IN FLOOR, PREPARE PIPING FOR CONNECTION TO NEW FLOOR CLEANOUT. SET CLEANOUT FLUSH WITH NEW FLOOR FINISH. SEE ARCHITECTS DRAWINGS.
18. CONTRACTOR SHALL REMOVE EXISTING STORM WATER PIPING AND ALL ASSOCIATED APPURTENANCES BACK TO PIPING TERMINATION POINT SHOWN. CAP STORM WATER PIPING BELOW SLAB. PREPARE STORM WATER PIPING FOR CONNECTION TO NEW STORM WATER PIPING. SEE DRAWINGS (P102 & P103).
19. CONTRACTOR SHALL REMOVE EXISTING 8" STORM WATER PIPING FROM TERMINATION POINT SHOWN TO EXISTING 15" STORM WATER PIPING. COORDINATE WITH SITE CONTRACTOR. PREPARE STORM WATER PIPING FOR CONNECTION TO NEW STORM WATER PIPING. SEE DRAWING (P101).
20. CONTRACTOR SHALL REMOVE EXISTING NON-FREEZE HOSEBIBB, PIPING AND ALL ASSOCIATED APPURTENANCES (COMPLETE).
21. CONTRACTOR SHALL REMOVE EXISTING 4" WATER SERVICE, BACKFLOW PREVENTER, TRUCK FILL CONNECTION, WATER PIPING AND ALL ASSOCIATED APPURTENANCES TO TERMINATION POINT SHOWN AT CEILING. CAP 4" WATER PIPING BELOW SLAB IN ACCORDANCE WITH TOWN OF MARLBOROUGH WATER DEPARTMENT REQUIREMENTS. COORDINATE WATER SERVICE TERMINATION WITH SITE CONTRACTOR. PREPARE WATER PIPING AT CEILING TERMINATION POINT FOR CONNECTION OF NEW WATER PIPING TO SERVE EXISTING TRUCK FILL SYSTEM. SEE DRAWING (P101).
22. CONTRACTOR SHALL REMOVE EXISTING SANITARY TRAP, PIPING AND ALL ASSOCIATED APPURTENANCES TO TERMINATION POINT AT SANITARY RISER. FURNISH & INSTALL CLEANOUT AT SANITARY CONNECTION POINT LOCATION.
23. CONTRACTOR SHALL REMOVE 1½" PVC PIPE THROUGH WALL AND ALL ASSOCIATED APPURTENANCES (COMPLETE).
24. CONTRACTOR SHALL REMOVE COMPRESSED AIR PIPING FROM REMOVED AIR COMPRESSOR, FILTERS AND ALL ASSOCIATED APPURTENANCES TO TERMINATION POINT AT CEILING. PREPARE COMPRESSED AIR PIPING FOR CONNECTION OF NEW COMPRESSED AIR PIPING. SEE DRAWING (P101).
25. CONTRACTOR SHALL REMOVE EXISTING ROOF DRAIN, STORM WATER PIPING AND ALL ASSOCIATED APPURTENANCES TO BEYOND ELEVATOR ADDITION. PREPARE STORM WATER PIPING FOR CONNECTION TO NEW ROOF DRAIN. SEE DRAWINGS (P101) FOR NEW STORM WATER PIPING .
26. CONTRACTOR SHALL REMOVE EXISTING ¾" COMPRESSED AIR PIPING AND ALL ASSOCIATED APPURTENANCES TO TERMINATION POINT SHOWN AT CEILING. PREPARE EXISTING COMPRESSED AIR PIPING FOR CONNECTION TO NEW COMPRESSED AIR PIPING. SEE DRAWING (P101).
27. CONTRACTOR SHALL REMOVE EXISTING WATER PIPING AND ALL ASSOCIATED APPURTENANCES TO TERMINATION POINT SHOWN AT CEILING. LABEL PIPING FOR FUTURE USE.
28. CONTRACTOR SHALL REMOVE EXISTING SILLCOCK, WATER PIPING AND ALL ASSOCIATED APPURTENANCES TO TERMINATION POINT SHOWN AT CEILING. CAP AND LABEL PIPING FOR FUTURE USE.
29. CONTRACTOR SHALL RELOCATE EXISTING TRUCK FILL TO NEW LOCATION SHOWN. NEW RE-ROUTED 2" PIPING SHALL NOT OBSTRUCT NEW OPENINGS IN EXISTING BUILDING. EXACT LOCATION OF RELOCATED TRUCK FILL SHALL BE APPROVED BY OWNER PRIOR TO INSTALLATION.
30. CONTRACTOR SHALL REMOVE COMBINATION COMPRESSED AIR PRV AND AIR TUBING FROM EXISTING COMPRESSED AIR PIPING. TEMPORARILY LOCATE COMBINATION PRV AND TUBING IN A PROTECTED AREA. PREPARE DEVICE FOR CONNECTION TO NEW COMPRESSED AIR PIPING. NEW LOCATION OF COMBINATION PRV AND TUBING SHALL BE APPROVED BY OWNER PRIOR TO INSTALLATION.
31. CONTRACTOR SHALL REMOVE AIR FILTERS, COMBINATION COMPRESSED AIR PRV AND STORE FOR FUTURE CONNECTION TO NEW COMPRESSED AIR PIPING.

SYMBOL

CONNECTION/DISCONNECTION POINT

MARLBOROUGH FIRE DISTRICT

MARLBORO HOSE CO. NO. 1
14 GRAND STREET,
MARLBORO, NY 12542

MARLBOROUGH FIRE STATION ADDITIONS AND RENOVATION

CONSTRUCTION DOCUMENTS

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NO.	REVISIONS	DATE
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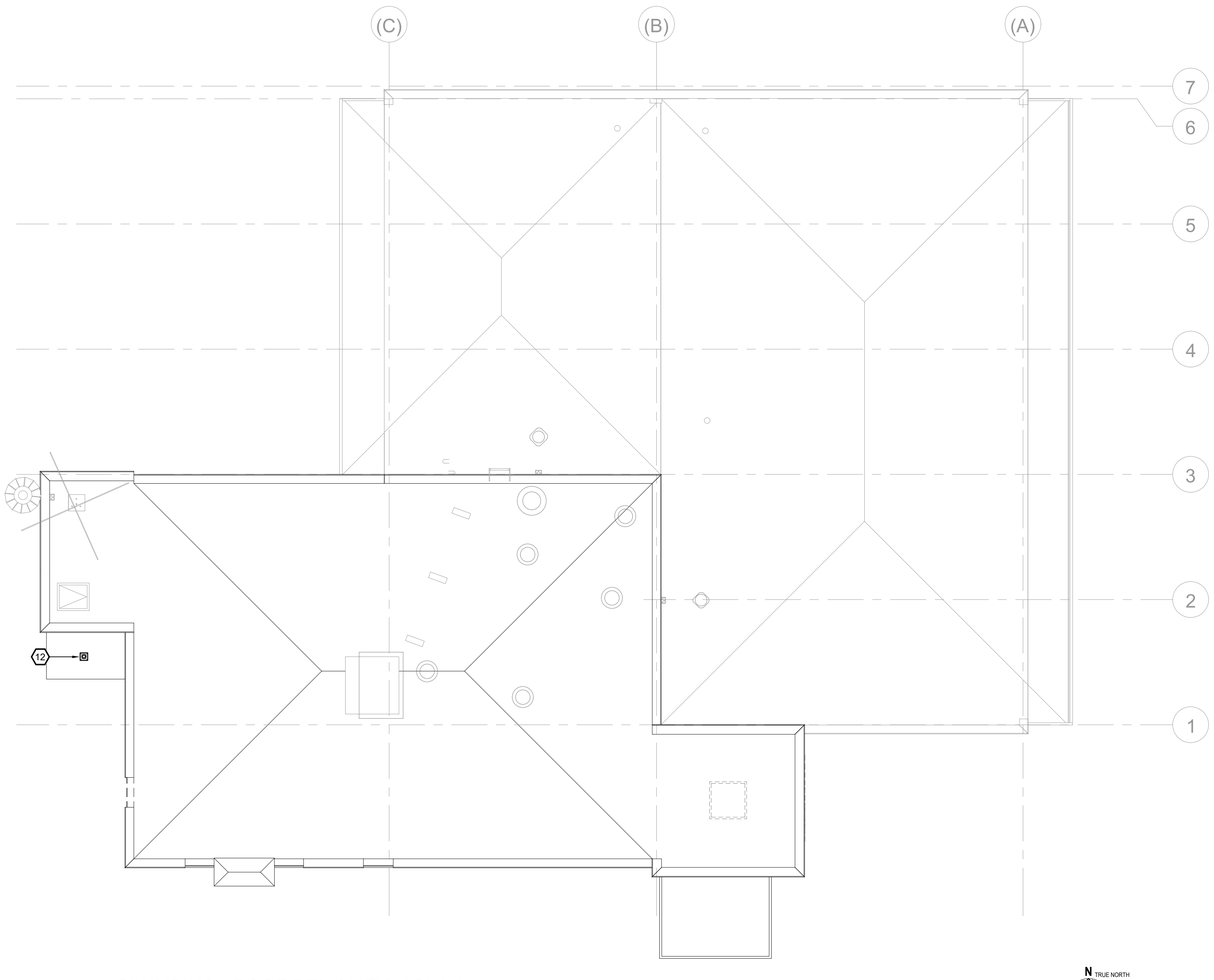
DWG. TITLE

PLUMBING:
DEMOLITION PLANS

0 1" 2"
GENERIC SCALE BAR
SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING. IF NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY

DATE	06/15/2026		
SCALE	AS NOTED		
DWN.	KC/JT	CHK.	JT
PROJ. No.	653001		GA25057
DWG. No.			

PD101



1 PLUMBING - ROOF DEMOLITION PLAN
SCALE: 1/8" = 1'-0"

N TRUE NORTH

KEYED DEMOLITION NOTES

(APPLIES (PD101 & PD102)DEMOLITION PLANS ONLY)

1. EXISTING EQUIPMENT SHOWN IS BASED ON CASUAL FIELD OBSERVATION. CONTRACTOR SHALL FIELD VERIFY EXISTING SANITARY, VENT, DOMESTIC WATER PIPING, PLUMBING FIXTURES AND EQUIPMENT PRIOR TO PLACING BID.
2. CONTRACTOR SHALL REMOVE EXISTING WATER CLOSET, FLUSH VALVE AND ALL ASSOCIATED APPURTENANCES (COMPLETE). PROPERLY TERMINATE COLD, VENT AND SANITARY PIPING BACK AT NEAREST JUNCTION POINT OR BACK AT SOURCE. PREPARE PIPING FOR CONNECTION TO NEW PLUMBING FIXTURES. MAINTAIN ACTIVE PLUMBING FIXTURES SERVED BY THESE SOURCES.
3. CONTRACTOR SHALL REMOVE EXISTING LAVATORY, FAUCET, SUPPLIES, STOP VALVE, AND ALL ASSOCIATED APPURTENANCES (COMPLETE). PROPERLY TERMINATE HOT, COLD, VENT AND SANITARY PIPING BACK AT NEAREST JUNCTION POINT OR BACK AT SOURCE. PREPARE PIPING FOR CONNECTION TO NEW PLUMBING FIXTURES. MAINTAIN ACTIVE PLUMBING FIXTURES SERVED BY THESE SOURCES.
4. CONTRACTOR SHALL REMOVE EXISTING URINALS, FLUSH VALVE AND ALL ASSOCIATED APPURTENANCES (COMPLETE), PROPERLY TERMINATE COLD, VENT AND SANITARY PIPING BACK AT NEAREST JUNCTION POINT OR BACK AT SOURCE. PREPARE PIPING FOR CONNECTION TO NEW PLUMBING FIXTURES. MAINTAIN ACTIVE PLUMBING FIXTURES SERVED BY THESE SOURCES.
5. CONTRACTOR IS RESPONSIBLE FOR ALL CUTTING, PATCHING, PAINTING AND RESURFACING TO MATCH EXISTING FOR PLUMBING FIXTURE REMOVAL AND NEW PLUMBING FIXTURE INSTALLATION. SEE ARCHITECTS DRAWINGS AND GENERAL CONDITIONS FOR ACCEPTABLE PROCEDURES, STANDARDS AND METHODS OF INSTALLATION.
6. CONTRACTOR SHALL REMOVE EXISTING SERVICE SINK, FAUCET, SUPPLIES, STOP VALVE, AND ALL ASSOCIATED APPURTENANCES (COMPLETE). PROPERLY TERMINATE HOT, COLD, VENT AND SANITARY PIPING BACK AT NEAREST JUNCTION POINT OR BACK AT SOURCE. PREPARE PIPING FOR CONNECTION TO NEW PLUMBING FIXTURES. MAINTAIN ACTIVE PLUMBING FIXTURES SERVED BY THESE SOURCES. CLEAN SERVICE SINK, FAUCET AND STORE ON SITE FOR RE-INSTALLATION IN NEW ADDITION, JANITOR (002).
7. CONTRACTOR SHALL REMOVE EXISTING SHOWER, SHOWER VALVE, SUPPLIES, DRAIN, STOP VALVES, AND ALL ASSOCIATED APPURTENANCES (COMPLETE). PROPERLY TERMINATE HOT, COLD, VENT AND SANITARY PIPING BACK AT NEAREST JUNCTION POINT OR BACK AT SOURCE. PREPARE PIPING FOR CONNECTION TO NEW PLUMBING FIXTURES. MAINTAIN ACTIVE PLUMBING FIXTURES SERVED BY THESE SOURCES.
8. CONTRACTOR SHALL REMOVE EXISTING DRINKING FOUNTAIN, SUPPLY, STOP VALVE, AND ALL ASSOCIATED APPURTENANCES (COMPLETE). PROPERLY TERMINATE COLD, VENT AND SANITARY PIPING BACK AT NEAREST JUNCTION POINT OR BACK AT SOURCE. MAINTAIN ACTIVE PLUMBING FIXTURES SERVED BY THESE SOURCES.
9. CONTRACTOR SHALL REMOVE/RELOCATE/MODIFY/EXTEND EXISTING PIPING FOUND IN WALLS SCHEDULED FOR REMOVAL. MAINTAIN ACTIVE PIPING SERVING PLUMBING FIXTURES.
10. CONTRACTOR SHALL REMOVE EXISTING SINK, FAUCET, SUPPLIES, STOP VALVES AND ALL ASSOCIATED APPURTENANCES (COMPLETE). PROPERLY TERMINATE HOT, COLD, VENT AND SANITARY PIPING AT NEAREST JUNCTION POINT OR BACK AT MAIN IF FED DIRECTLY. MAINTAIN ACTIVE PLUMBING FIXTURES BEING SERVED BY THESE SOURCES.
11. CONTRACTOR SHALL REMOVE EXISTING ROOF DRAIN, PIPING AND ALL ASSOCIATED APPURTENANCES TO BELOW GRADE. MODIFY/EXTEND EXISTING STORM WATER PIPING AS NECESSARY TO CONNECT TO NEW ADDITION ROOF DRAIN. SEE DRAWING (P101 & P102). MAINTAIN ACTIVE STORM DRAINAGE SERVED BY THIS SOURCE.
12. CONTRACTOR SHALL REMOVE EXISTING ROOF DRAIN, STORM WATER PIPING AND ALL ASSOCIATED APPURTENANCES BACK TO PIPING TERMINATION POINT SHOWN. PREPARE STORM WATER PIPING FOR CONNECTION TO NEW ROOF DRAIN. SEE DRAWINGS (P102 & P103).
13. CONTRACTOR SHALL REMOVE EXISTING SERVICE SINK, FAUCET, SUPPLIES, STOP VALVE, AND ALL ASSOCIATED APPURTENANCES (COMPLETE). PROPERLY TERMINATE HOT, COLD, VENT AND SANITARY PIPING BACK AT NEAREST JUNCTION POINT OR BACK AT SOURCE. PREPARE PIPING FOR CONNECTION TO NEW PLUMBING FIXTURES. MAINTAIN ACTIVE PLUMBING FIXTURES SERVED BY THESE SOURCES.
14. CONTRACTOR SHALL REMOVE EXISTING FLOOR DRAIN AND ALL ASSOCIATED APPURTENANCES (COMPLETE). PROPERLY TERMINATE VENT AND SANITARY PIPING BACK AT NEAREST JUNCTION POINT OR BACK AT SOURCE. MAINTAIN ACTIVE PLUMBING FIXTURES SERVED BY THESE SOURCES.
15. CONTRACTOR SHALL REMOVE EXISTING SILLCOCK, PIPING AND ALL ASSOCIATED APPURTENANCES (COMPLETE). PROPERLY TERMINATE COLD WATER PIPING BACK AT NEAREST JUNCTION POINT OR BACK AT SOURCE. MAINTAIN ACTIVE PLUMBING FIXTURES SERVED BY THESE SOURCES.
16. CONTRACTOR SHALL REMOVE EXISTING NON-FREEZE HOSEBIBB, AND ALL ASSOCIATED APPURTENANCES BACK TO TERMINATION POINT SHOWN. PREPARE COLD WATER PIPING FOR CONNECTION TO NEW NON-FREEZE BIBB IN NEW LOCATION. SEE DRAWING (P101).
17. CONTRACTOR SHALL REMOVE EXISTING CLEANOUT IN FLOOR, PREPARE PIPING FOR CONNECTION TO NEW FLOOR CLEANOUT. SET CLEANOUT FLUSH WITH NEW FLOOR FINISH. SEE ARCHITECTS DRAWINGS.
18. CONTRACTOR SHALL REMOVE EXISTING STORM WATER PIPING AND ALL ASSOCIATED APPURTENANCES BACK TO PIPING TERMINATION POINT SHOWN. CAP STORM WATER PIPING BELOW SLAB. PREPARE STORM WATER PIPING FOR CONNECTION TO NEW STORM WATER PIPING. SEE DRAWINGS (P102 & P103).
19. CONTRACTOR SHALL REMOVE EXISTING 8" STORM WATER PIPING FROM TERMINATION POINT SHOWN TO EXISTING 15" STORM WATER PIPING. COORDINATE WITH SITE CONTRACTOR. PREPARE STORM WATER PIPING FOR CONNECTION TO NEW STORM WATER PIPING. SEE DRAWING (P101).
20. CONTRACTOR SHALL REMOVE EXISTING NON-FREEZE HOSEBIBB, PIPING AND ALL ASSOCIATED APPURTENANCES (COMPLETE).
21. CONTRACTOR SHALL REMOVE EXISTING 4" WATER SERVICE, BACKFLOW PREVENTER, TRUCK FILL CONNECTION, WATER PIPING AND ALL ASSOCIATED APPURTENANCES TO TERMINATION POINT SHOWN AT CEILING. CAP 4" WATER PIPING BELOW SLAB IN ACCORDANCE WITH TOWN OF MARLBOROUGH WATER DEPARTMENT REQUIREMENTS. COORDINATE WATER SERVICE TERMINATION WITH SITE CONTRACTOR. PREPARE WATER PIPING AT CEILING TERMINATION POINT FOR CONNECTION OF NEW WATER PIPING TO SERVE EXISTING TRUCK FILL SYSTEM. SEE DRAWING (P101).
22. CONTRACTOR SHALL REMOVE EXISTING SANITARY TRAP, PIPING AND ALL ASSOCIATED APPURTENANCES TO TERMINATION POINT AT SANITARY RISER. FURNISH & INSTALL CLEANOUT AT SANITARY CONNECTION POINT LOCATION.
23. CONTRACTOR SHALL REMOVE 1½" PVC PIPE THROUGH WALL AND ALL ASSOCIATED APPURTENANCES (COMPLETE).
24. CONTRACTOR SHALL REMOVE COMPRESSED AIR PIPING FROM REMOVED AIR COMPRESSOR, FILTERS AND ALL ASSOCIATED APPURTENANCES TO TERMINATION POINT AT CEILING. PREPARE COMPRESSED AIR PIPING FOR CONNECTION OF NEW COMPRESSED AIR PIPING. SEE DRAWING (P101).
25. CONTRACTOR SHALL REMOVE EXISTING ROOF DRAIN, STORM WATER PIPING AND ALL ASSOCIATED APPURTENANCES TO BEYOND ELEVATOR ADDITION. PREPARE STORM WATER PIPING FOR CONNECTION TO NEW ROOF DRAIN. SEE DRAWINGS (P101) FOR NEW STORM WATER PIPING .
26. CONTRACTOR SHALL REMOVE EXISTING ¾" COMPRESSED AIR PIPING AND ALL ASSOCIATED APPURTENANCES TO TERMINATION POINT SHOWN AT CEILING. PREPARE EXISTING COMPRESSED AIR PIPING FOR CONNECTION TO NEW COMPRESSED AIR PIPING. SEE DRAWING (P101).
27. CONTRACTOR SHALL REMOVE EXISTING WATER PIPING AND ALL ASSOCIATED APPURTENANCES TO TERMINATION POINT SHOWN AT CEILING. LABEL PIPING FOR FUTURE USE.
28. CONTRACTOR SHALL REMOVE EXISTING SILLCOCK, WATER PIPING AND ALL ASSOCIATED APPURTENANCES TO TERMINATION POINT SHOWN AT CEILING. CAP AND LABEL PIPING FOR FUTURE USE.
29. CONTRACTOR SHALL RELOCATE EXISTING TRUCK FILL TO NEW LOCATION SHOWN. NEW RE-ROUTED 2" PIPING SHALL NOT OBSTRUCT NEW OPENINGS IN EXISTING BUILDING. EXACT LOCATION OF RELOCATED TRUCK FILL SHALL BE APPROVED BY OWNER PRIOR TO INSTALLATION.
30. CONTRACTOR SHALL REMOVE COMBINATION COMPRESSED AIR PRV AND AIR TUBING FROM EXISTING COMPRESSED AIR PIPING. TEMPORARILY LOCATE COMBINATION PRV AND TUBING IN A PROTECTED AREA. PREPARE DEVICE FOR CONNECTION TO NEW COMPRESSED AIR PIPING. NEW LOCATION OF COMBINATION PRV AND TUBING SHALL BE APPROVED BY OWNER PRIOR TO INSTALLATION.
31. CONTRACTOR SHALL REMOVE AIR FILTERS, COMBINATION COMPRESSED AIR PRV AND STORE FOR FUTURE CONNECTION TO NEW COMPRESSED AIR PIPING.

SYMBOL

CONNECTION/DISCONNECTION POINT

MARLBOROUGH FIRE DISTRICT

MARLBORO HOSE CO. NO. 1
14 GRAND STREET,
MARLBORO, NY 12542

MARLBOROUGH FIRE STATION ADDITIONS AND RENOVATION

CONSTRUCTION DOCUMENTS

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NO.	REVISIONS	DATE
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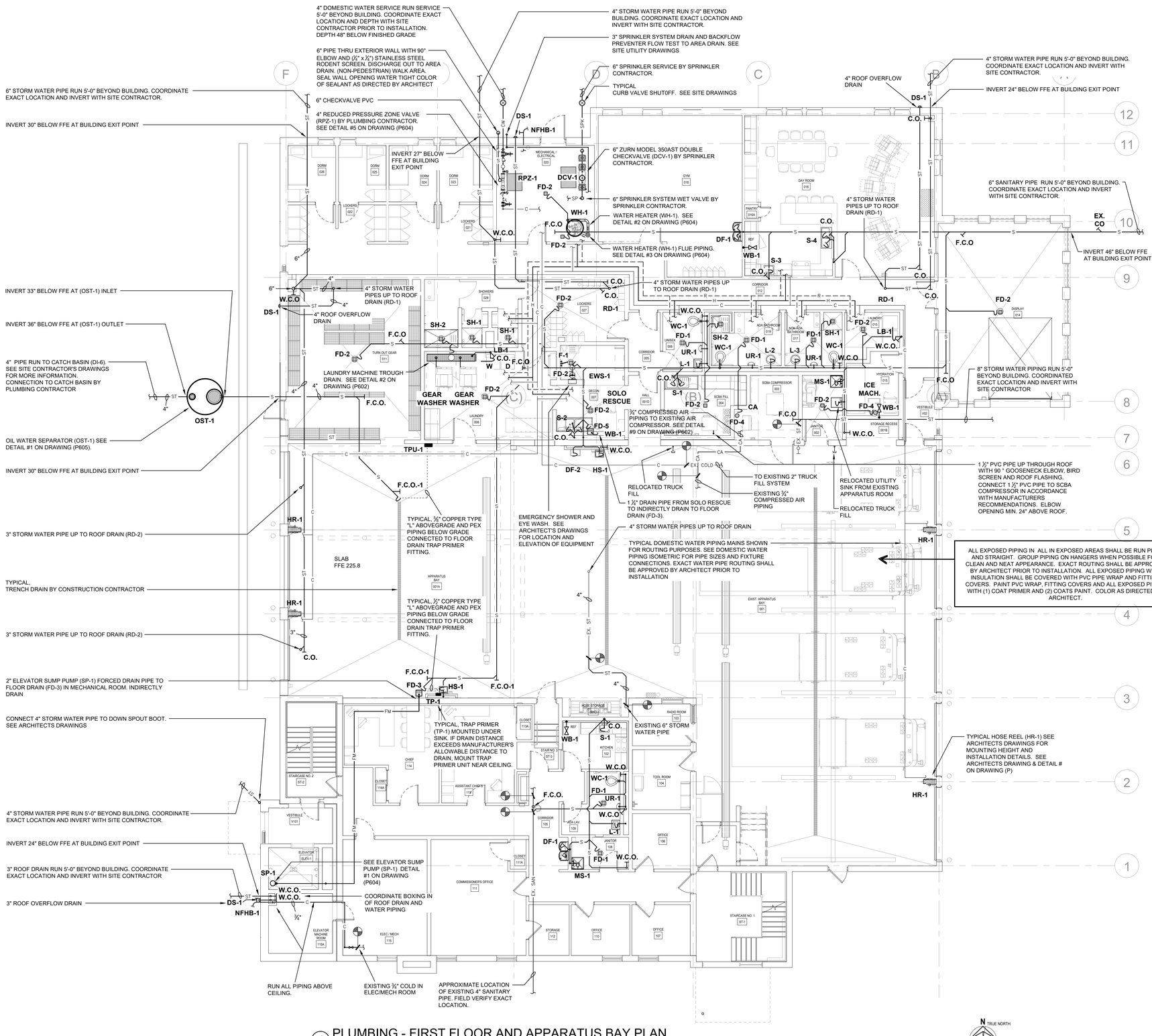
DWG. TITLE

PLUMBING:
ROOF DEMOLITION PLAN

0 1" 2"
GENERIC SCALE BAR
SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING. IF NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY

DATE	06/15/2026
SCALE	AS NOTED
DWN.	KC/JT
CHK.	JT
PROJ. No.	653001
	GA25057
DWG. No.	

PD102



1 PLUMBING - FIRST FLOOR AND APPARATUS BAY PLAN
SCALE: 1/8" = 1'-0"

N TRUE NORTH

MARLBOROUGH FIRE DISTRICT

MARLBORO HOSE CO. NO. 1
14 GRAND STREET,
MARLBORO, NY 12542

MARLBOROUGH FIRE STATION ADDITIONS AND RENOVATION

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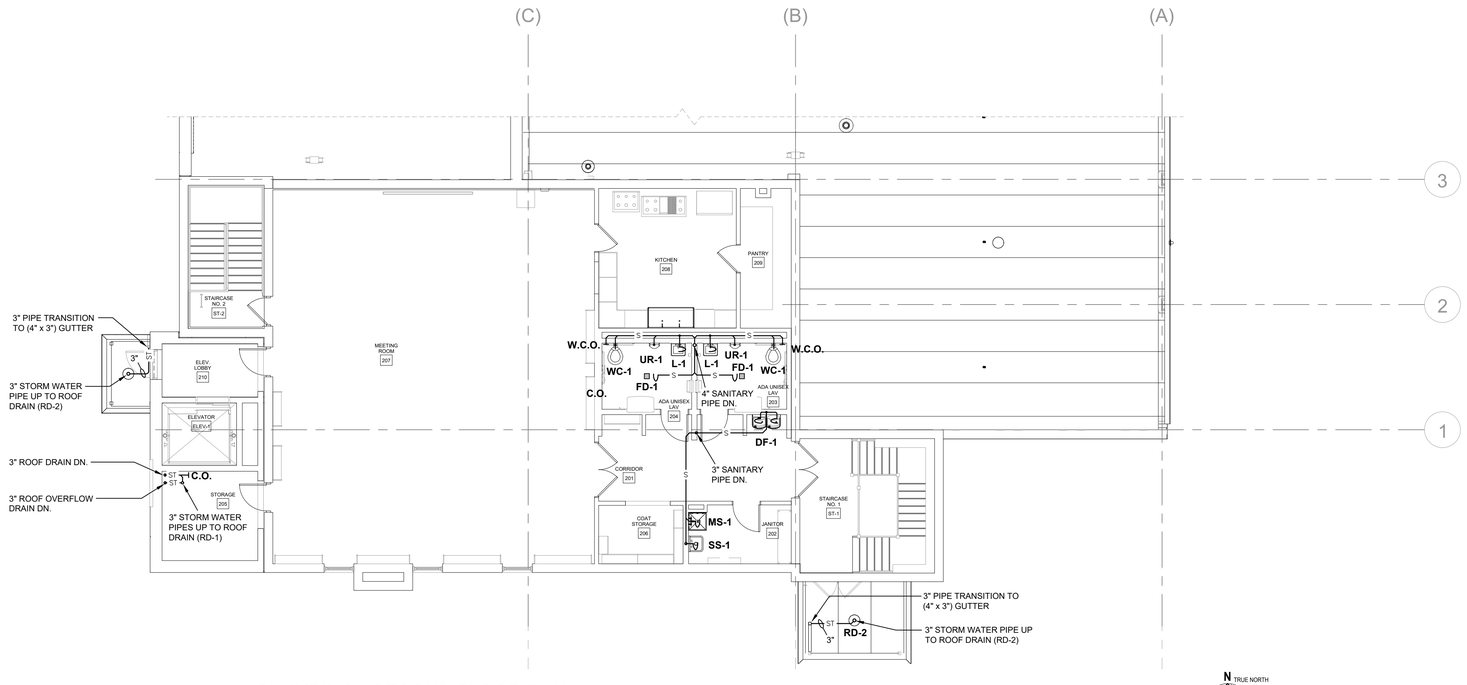
DWG. TITLE

PLUMBING:
FIRST FLOOR AND APPARATUS BAY PLAN

0 1" 2"
GENERIC SCALE BAR
SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING. IF NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY

DATE	06/15/2026
SCALE	AS NOTED
DWN.	KC/JT
CHK.	JT
PROJ. No.	653001
	GA25057
DWG. No.	

P101



1 PLUMBING - SECOND FLOOR PLAN
SCALE: 1/8" = 1'-0"

N TRUE NORTH

MARLBOROUGH FIRE DISTRICT

MARLBORO HOSE CO. NO. 1
14 GRAND STREET,
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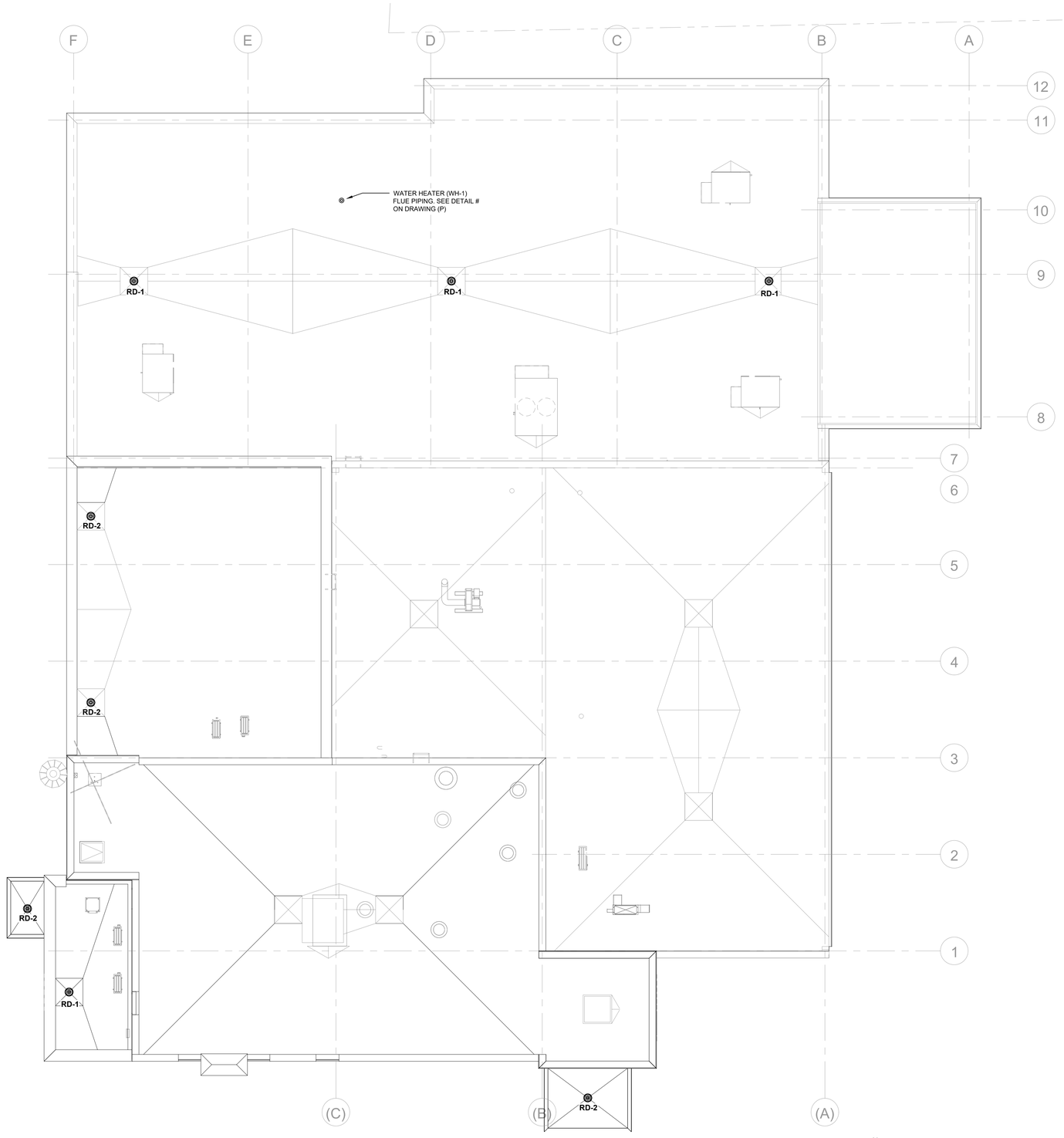
DWG. TITLE

PLUMBING:
SECOND FLOOR PLAN

0 1" 2"
GENERIC SCALE BAR
SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING. IF NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY.

DATE	06/15/2026
SCALE	AS NOTED
DWN.	KC/JT
CHK.	JT
PROJ. No.	653001
	GA25057
DWG. No.	

P102



1 PLUMBING - ROOF PLAN
SCALE: 1/8" = 1'-0"

N TRUE NORTH

MARLBOROUGH FIRE DISTRICT

MARLBORO HOSE CO. NO. 1
14 GRAND STREET,
MARLBORO, NY 12542

MARLBOROUGH FIRE STATION ADDITIONS AND RENOVATION

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GA25057

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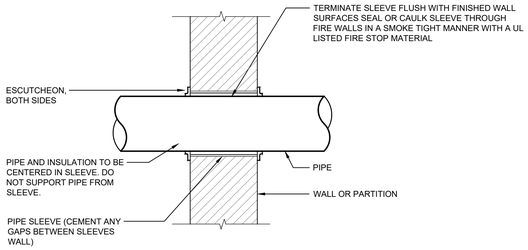
DWG. TITLE

PLUMBING:
ROOF PLAN

0 1" 2"
GENERIC SCALE BAR
SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING. IF NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY.

DATE	06/15/2026		
SCALE	AS NOTED		
DWN.	KC/JT	CHK.	JT
PROJ. No.	653001		GA25057
DWG. No.			

P103

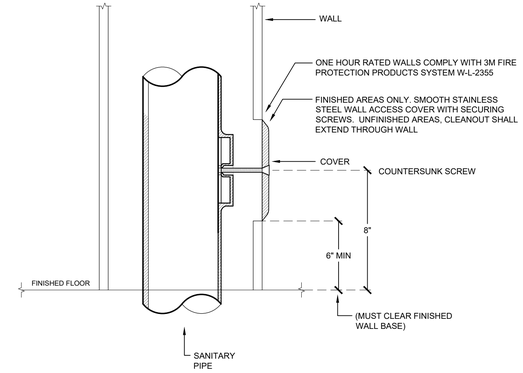


NOTE:

THIS DETAIL ALSO APPLICABLE TO INTERIOR NON-WATER PROOF FLOOR CONSTRUCTION. FOR WATER PROOF FLOOR CONSTRUCTION AND OTHER CONSTRUCTION - SEE ARCHITECTS SPECIFICATIONS. CONTRACTOR SHALL FOLLOW UL-LISTED STANDARD FOR WALL/PARTITION/FLOOR CONSTRUCTION MATERIAL TO ACHIEVE FIRE RATING.

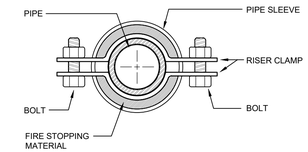
1 FIRE RATED PARTITIONS & WALLS

NOT TO SCALE



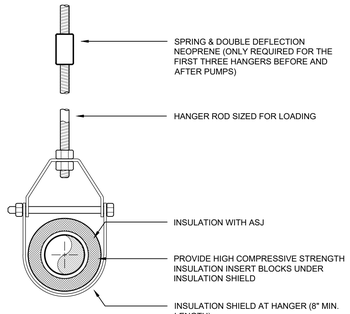
4 WALL CLEANOUT (W.C.O.) DETAIL

NOT TO SCALE



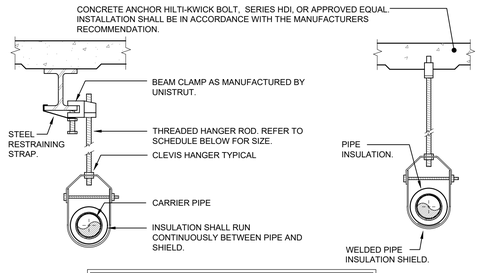
7 SUPPORT ANCHOR PIPE RISERS

NOT TO SCALE



2 PIPE HANGER DETAIL

NOT TO SCALE



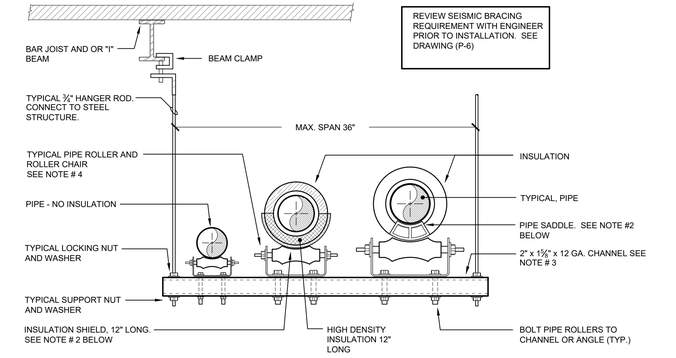
PIPE HANGER SCHEDULE					
PIPE DIA.	3/4"-2"	2 1/2"-3"	4"-5"	6"	8"-12"
HANGER DIA.	3/8"	1/2"	5/8"	3/4"	7/8"

NOTES:

1. CLEVIS HANGERS WITH WELDED INSULATION SHIELDS SIMILAR TO RAUCH FIG. 100SH ON ALL PIPES LARGER THAN 1".
2. FOR PIPES 1" OR SMALLER, A BAND HANGER WITH INSULATION SHIELD MAY BE USED SIMILAR TO RAUCH FIG. NO. 1ASH.
3. FOR NON-INSULATED PIPE, INSULATION SHIELDS MAY BE OMITTED.
4. ALL PIPE HANGERS SHALL BE GALVANIZED STEEL OR FACTORY PAINTED BLACK WITH ENAMEL.
5. FOR NON FERROUS PIPING WITHOUT INSULATION, ALL HANGERS SHALL BE COPPER PLATED OR FURNISHED WITH A DI-ELECTRIC BETWEEN PIPE AND HANGERS.
6. WHERE EXISTING BUILDING STRUCTURAL COMPONENTS HAVE FIREPROOF MATERIAL, ANY AREA THAT IS DISTURBED OR DAMAGED AS A RESULT OF HANGER INSTALLATION SHALL BE PATCHED WITH UL AND FM APPROVED FIREPROOFING TO MATCH EXISTING.

5 PIPE HANGER DETAIL

NOT TO SCALE

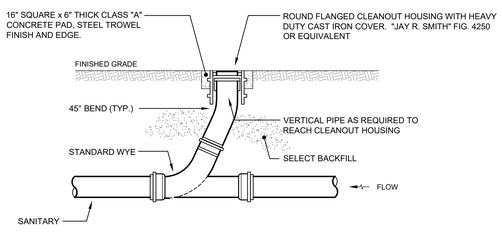


NOTES:

1. ATTACH HANGERS TO THE STEEL STRUCTURE ABOVE.
2. PROVIDE INSULATION SHIELD OR PIPE SADDLE BASED ON THE PIPING SYSTEM AND PIPE SIZE AS INDICATED IN THE SPECIFICATIONS.
3. TRAPEZE TYPE HANGER SHALL BE USED FOR A MAXIMUM 1,000 LB UNIFORM LOAD.
4. ELIMINATE PIPE ROLLERS AND ROLLER CHAIRS AT ANCHOR POINTS

8 TRAPEZE TYPE HANGER INSTALLATION DETAIL

NOT TO SCALE

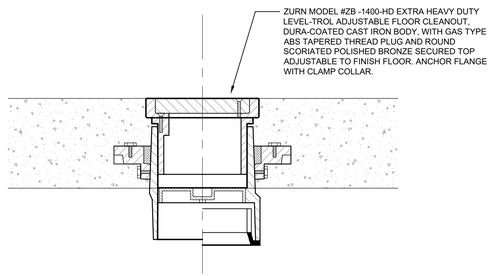


NOTES:

1. SANITARY SEWER PIPING AND FITTINGS SHALL BE OF THE MATERIAL INDICATED ON THE PLANS.
2. CLEANOUT LOCATION SHALL BE AS SHOWN ON PLANS.

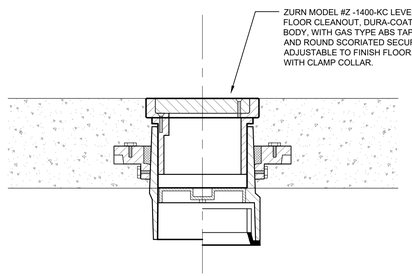
3 EXTERIOR CLEANOUT (EX.C.O.) DETAIL

NOT TO SCALE



6 INTERIOR FLOOR CLEANOUT (F.C.O.-1) VEHICLE/TRUCK TRAFFIC

NOT TO SCALE



9 INTERIOR FLOOR CLEANOUT (F.C.O.) PEDESTRIAN TRAFFIC DETAIL

NOT TO SCALE

MARLBOROUGH FIRE DISTRICT

MARLBORO HOSE CO. NO. 1
14 GRAND STREET,
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MARLBOROUGH FIRE STATION ADDITIONS AND RENOVATION

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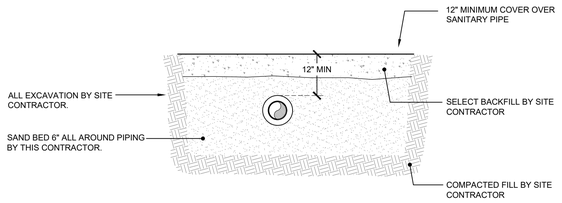
PLUMBING:
DETAILS

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PROJ. No.	653001
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DWG. No.

P601

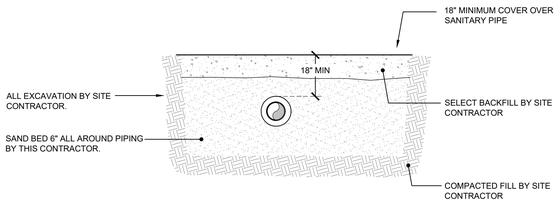


NOTE:

1. USE CRUSHED STONE BED 6" AROUND PIPE IF WATER IS ENCOUNTERED IN TRENCH BY PLUMBING CONTRACTOR.

1 INSIDE BUILDING SANITARY PIPING DETAIL

NOT TO SCALE

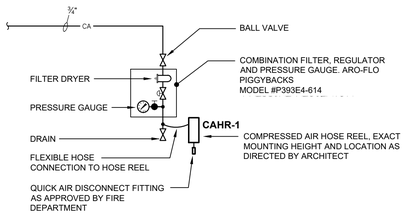


NOTE:

1. USE CRUSHED STONE BED 6" AROUND PIPE IF WATER IS ENCOUNTERED IN TRENCH BY PLUMBING CONTRACTOR.

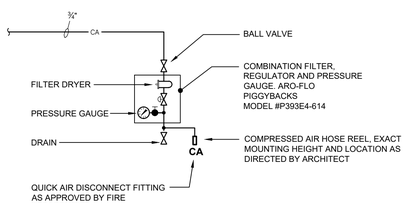
2 OUTSIDE BUILDING SANITARY PIPING DETAIL

NOT TO SCALE



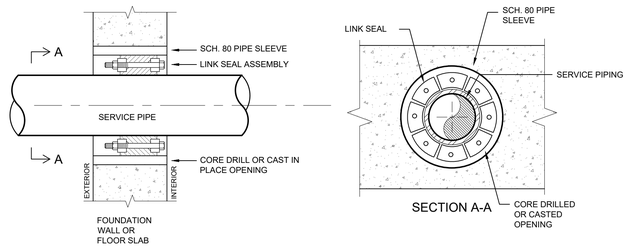
3 COMPRESSED AIR HOSE REEL DETAIL

NOT TO SCALE



4 COMPRESSED AIR OUTLET DETAIL

NOT TO SCALE

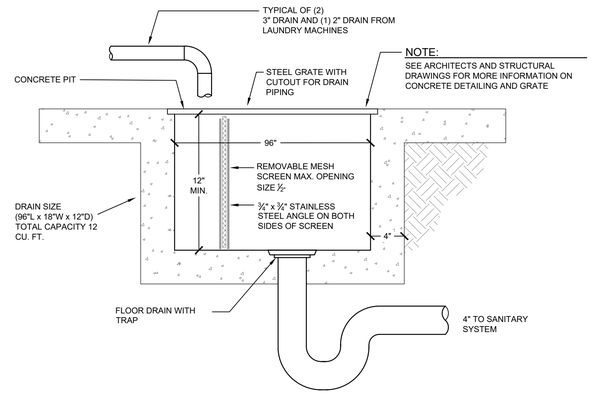


NOTES:

1. SEAL ASSEMBLY BASED ON THUNDERLINE MODEL "C" LINK-SEAL MODULAR SEAL, WITH EPDM SEAL ELEMENT, COMPOSITE PRESSURE PLATES, STEEL WITH 2-PART ZINC DICHROMATE & ORGANIC COATED NUTS AND BOLTS RATED FOR AN OPERATING TEMPERATURE RANGE OF -40°F TO +250°F.
2. USE LINK SEAL AT ALL LOCATIONS WHERE PIPES PENETRATE NEW OR EXISTING FOUNDATION WALLS AND SLABS ON GRADE.

5 LINK SEAL DETAIL

NOT TO SCALE

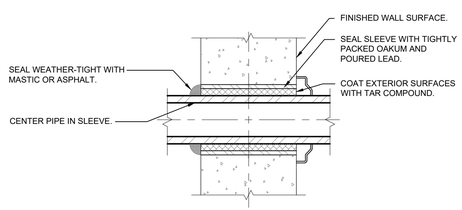


NOTE:

FLOOR DRAIN TRAP SHALL BE VENTED MINIMUM VENT 2" DIAMETER.

6 TROUGH DETAIL

NOT TO SCALE



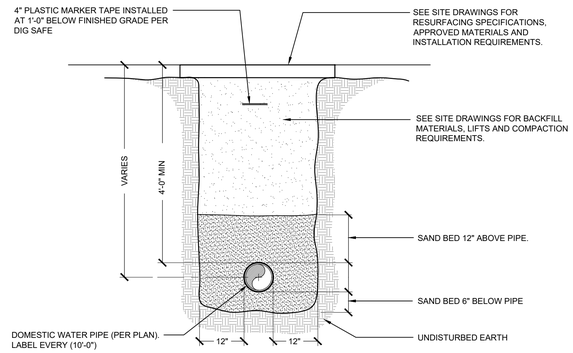
EXTERIOR WALLS

NOTE:

1. PIPE SLEEVE FOR EXTERIOR WALL ABOVE GRADE.

7 EXTERIOR WALL PIPE PENETRATION DETAIL

NOT TO SCALE

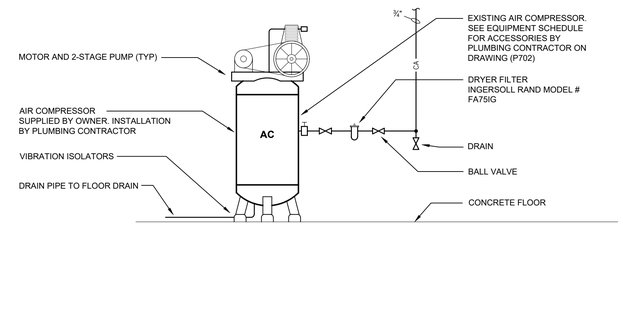


NOTES:

1. INSTALL CONTINUOUS DETECTABLE MARKING TAPE DURING BACKFILLING OF TRENCH FOR UNDERGROUND PIPING. LOCATE TAPE 12" BELOW FINISHED GRADE, DIRECTLY OVER PIPING, EXCEPT 6" BELOW SUBGRADE UNDER PAVEMENTS & SLAB.
2. TRENCHING SHALL BE IMPLEMENTED IN ACCORDANCE WITH O.S.H.A. STANDARDS.
3. 4'-0" MIN COVER SHALL BE APPLIED TO WATER MAIN.
4. USE CRUSHED STONE BED 6" AROUND PIPE IF WATER IS ENCOUNTERED IN TRENCH BY PLUMBING CONTRACTOR.

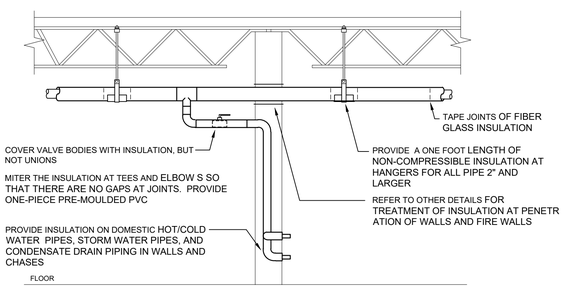
8 WATER PIPING TRENCH DETAIL

NOT TO SCALE



9 EXISTING AIR COMPRESSOR DETAIL

NOT TO SCALE



NOTE:

PROVIDE FIBER GLASS INSULATION WITH ALL-SERVICE JACKET WITH VAPOR BARRIER ON ALL COLD/HOT WATER PIPING AND CONDENSATE DRAIN PIPE. REFER TO SPECIFICATIONS FOR FURTHER INFORMATION REGARDING INSULATION. INSTALL ALL ITEMS PER SPECIFICATIONS AND MANUFACTURER'S INSTRUCTIONS. MAINTAIN VAPOR BARRIER ON COLD PIPING BY MEANS OF SEALANT AND TAPE. FLAME-SPREAD AND SMOKE-DEVELOPED INDEXES SHALL NOT EXCEED 25/50. SEAL EXPOSED ENDS OF FIBER GLASS INSULATION WITH ADHESIVE MASTIC.

10 PIPE INSULATION DETAIL

NOT TO SCALE

MARLBOROUGH FIRE DISTRICT

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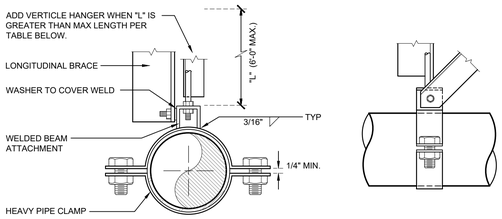
DWG. TITLE

PLUMBING:
DETAILS

0 1" 2"
GENERIC SCALE BAR
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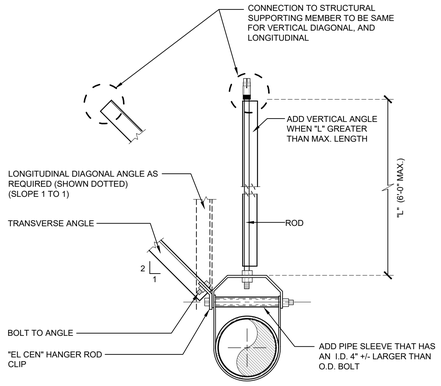
DATE	06/15/2026		
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P602



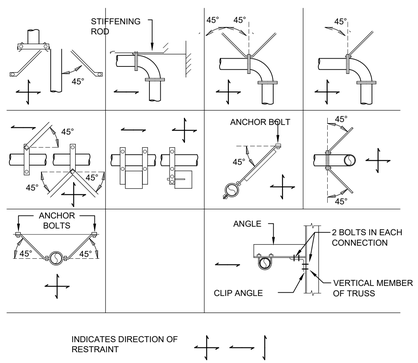
BRACE SPACING	PIPE	ROD	MAX. ROD LENGTH	VERT. HANGERS	TRANSVERSE HANGERS	BOLT
80'	2½"	½"	25"	2 x 2 x 16ga	2½" x 2½ x 16ga	⅜"
80'	3"	½"	25"	2 X 2 X 16ga	2½" X 2½ X 16ga	⅜"
80'	4"	⅝"	31"	2 X 2 X 16ga	2½" X 2½ X 16ga	⅜"
80'	6"	¾"	37"	2 X 2 X 16ga	2½" X 2½ X 16ga	⅜"
80'	8"	⅞"	43"	2 X 2 X 16ga	2½" X 2½ X 16ga	⅜"

1 LONGITUDINAL SEISMIC BRACING
NOT TO SCALE



BRACE SPACING	PIPE	ROD	MAX. ROD LENGTH	VERT. HANGERS	TRANSVERSE HANGERS	BOLT
40'	2½"	½"	25"	2 x 2 x 16ga	2½" x 2½ x 16ga	⅜"
40'	3"	½"	25"	2 X 2 X 16ga	2½" X 2½ X 16ga	⅜"
40'	4"	⅝"	31"	2 X 2 X 16ga	2½" X 2½ X 16ga	⅜"
40'	6"	¾"	37"	2 X 2 X 16ga	2½" X 2½ X 16ga	⅜"
40'	8"	⅞"	43"	2 X 2 X 16ga	2½" X 2½ X 16ga	⅜"

4 TRANSVERSE SEISMIC PIPE BRACING
NOT TO SCALE

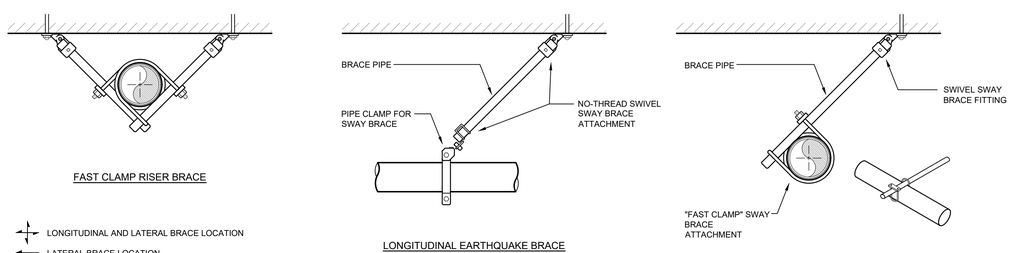


SEISMIC EQUIPMENT AND PIPE HANGER DESIGN

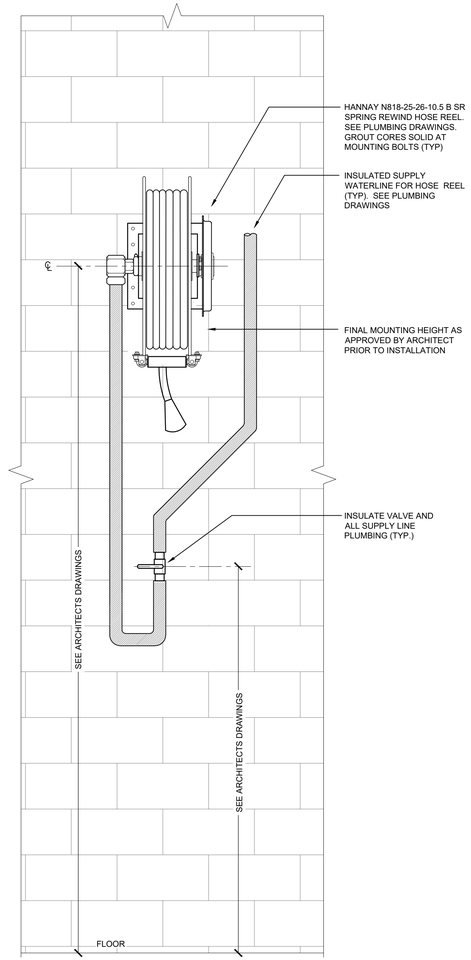
THE PLUMBING SYSTEM SHALL COMPLY WITH THE NEW YORK STATE UNIFORM FIRE PROTECTION AND BUILDING CODE, 2025 BUILDING CODE OF NEW YORK STATE SECTION 1613 AND APPLICABLE PROVISIONS OF ASCE 7 (ARCHITECTURAL, MECHANICAL AND ELECTRICAL COMPONENT SEISMIC DESIGN REQUIREMENTS).
PLUMBING CONTRACTOR SHALL HIRE NYS LICENSED PROFESSIONAL ENGINEER TO DESIGN AND PREPARE SHOP DRAWINGS WITH CALCULATIONS FOR EACH EQUIPMENT SUPPORT, PIPE SUPPORT, MULTIPLE PIPE SUPPORT, TRAPEZE AND SEISMIC RESTRAINT. SUBMIT SHOP DRAWINGS WITH CALCULATIONS TO ENGINEER FOR RECORD AND TO LOCAL AUTHORITY HAVING JURISDICTION FOR APPROVAL.

SEISMIC REQUIREMENTS:
BUILDING USE CATEGORY - IV
SEISMIC DESIGN CATEGORY - C

2 SEISMIC SWAY BRACING (GENERAL)
NOT TO SCALE



3 SEISMIC HANGER DETAILS
NOT TO SCALE



5 HOSE REEL ELEVATION DETAIL
NOT TO SCALE

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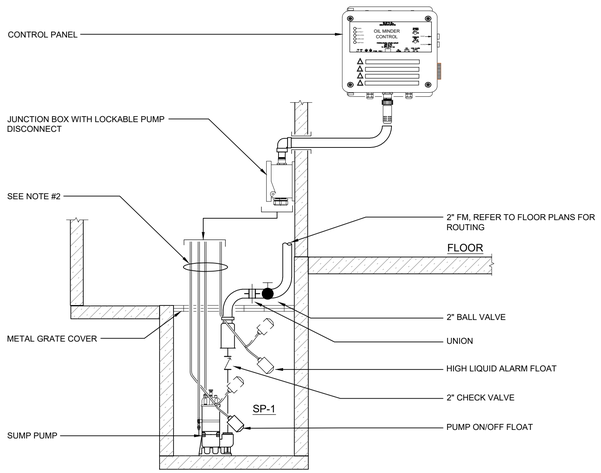
DWG. TITLE

PLUMBING:
DETAILS

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P603

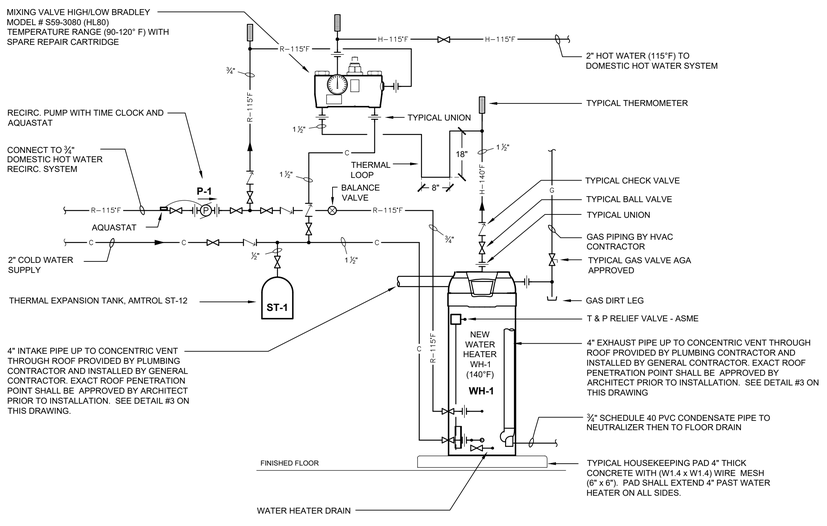


NOTES:

1. JUNCTION BOX WILL BE PROVIDED WITH MULTI-PIN CONNECTOR AND CORD IN LENGTHS AS REQUIRED; 25 FT. IS STANDARD, OPTIONAL 25 FT. INCREMENTS AVAILABLE
2. POWER CONNECTION, HIGH LIQUID ALARM CABLE & PUMP ON FLOAT CABLE ALL ROUTED IN CONDUIT
3. MINIMUM PIT SIZE: 24"x24"x24", COORDINATE WITH GENERAL CONTRACTOR
4. SEAL ALL PIPE AND CONDUIT PENETRATIONS THROUGH ELEVATOR SHAFT WALLS.
5. ROUTE PIPING AND CONDUIT IN ELEVATOR SHAFT TO AVOID CONFLICTS WITH ELEVATOR COMPONENTS, FRAMING AND ETC.

1 ELEVATOR SUMP PUMP (SP-1) DETAIL

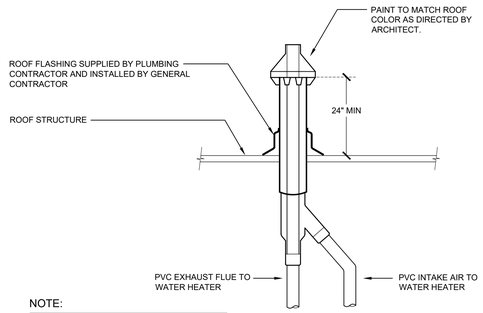
NOT TO SCALE



2 WATER HEATER (WH-1) DETAIL

NOT TO SCALE

WATER HEATER FLUE/VENT PIPING SCHEDULE	
UNIT NO.	FLUE/VENT PIPE SIZE
WH-1	4"



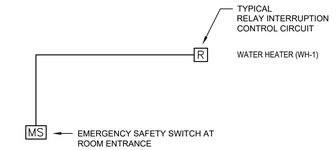
NOTE:

ALL ROOF PENETRATIONS SHALL BE BY PLUMBING CONTRACTOR. EXACT ROOF PENETRATION POINT SHALL BE APPROVED BY ARCHITECT.

ROOF INLET/OUTLET

3 WATER HEATER (WH-1) CONCENTRIC VENT DETAIL

NOT TO SCALE



NOTE:

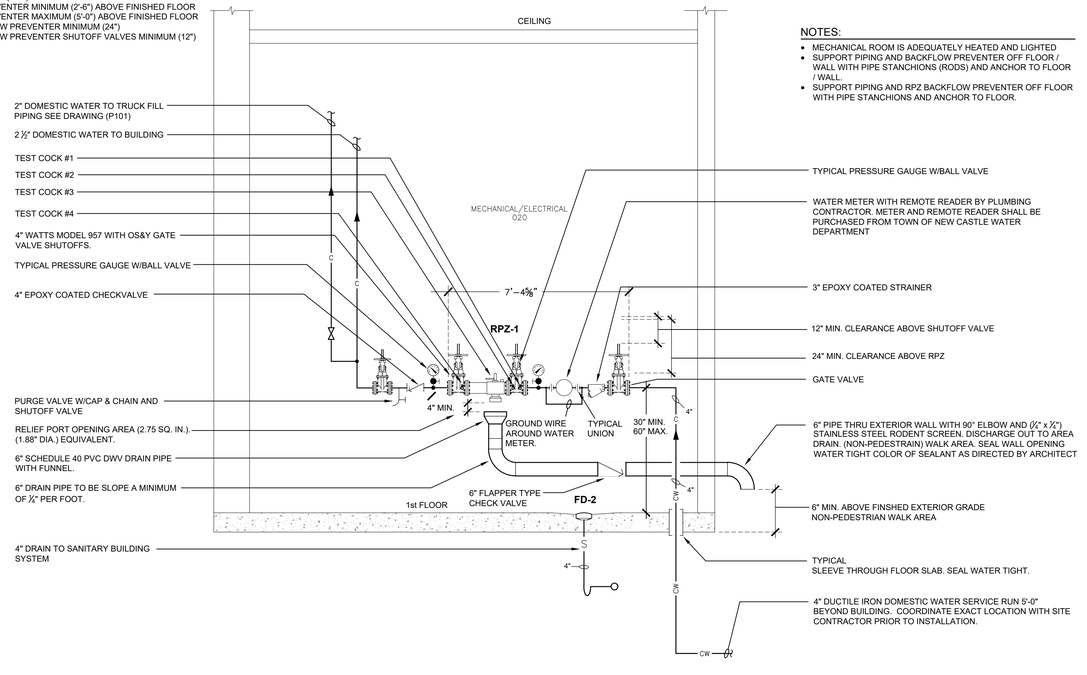
UPON ACTIVATION OF EMERGENCY SAFETY SWITCH, POWER TO THE CONTROL CIRCUIT RELAY SHALL BE INTERRUPTED, DE-ENERGIZING THE PRIMARY CONTROL CIRCUIT TO THE WATER HEATER (WH-1).

4 EMERGENCY SHUTDOWN STATION SCHEMATIC

NOT TO SCALE

REQUIRED CLEARANCES (RPZ)

1. FRONT OF RPZ (2'-6") MINIMUM
2. BEHIND RPZ (8") MINIMUM
3. DISCHARGE PORT (1'-6") MINIMUM ABOVE FINISHED FLOOR
4. BACKFLOW PREVENTER MINIMUM (2'-6") ABOVE FINISHED FLOOR
5. BACKFLOW PREVENTER MAXIMUM (5'-0") ABOVE FINISHED FLOOR
6. ABOVE BACKFLOW PREVENTER MINIMUM (24")
7. ABOVE BACKFLOW PREVENTER SHUTOFF VALVES MINIMUM (12")



NOTES:

- MECHANICAL ROOM IS ADEQUATELY HEATED AND LIGHTED
- SUPPORT PIPING AND BACKFLOW PREVENTER OFF FLOOR / WALL WITH PIPE STANCHIONS (RODS) AND ANCHOR TO FLOOR / WALL.
- SUPPORT PIPING AND RPZ BACKFLOW PREVENTER OFF FLOOR WITH PIPE STANCHIONS AND ANCHOR TO FLOOR.

5 DOMESTIC WATER BACKFLOW PREVENTER DETAIL

NOT TO SCALE

MARLBOROUGH FIRE DISTRICT

MARLBORO HOSE CO. NO. 1
14 GRAND STREET,
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CONSTRUCTION DOCUMENTS

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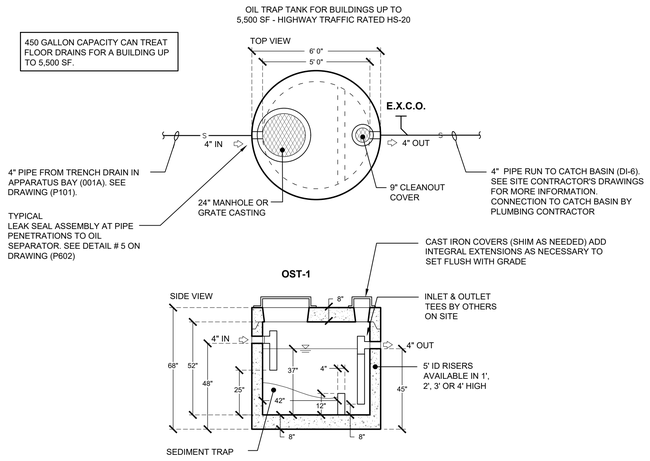
DWG. TITLE

PLUMBING:
DETAILS

0 1" 2"
GENERIC SCALE BAR
SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING. IF NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY

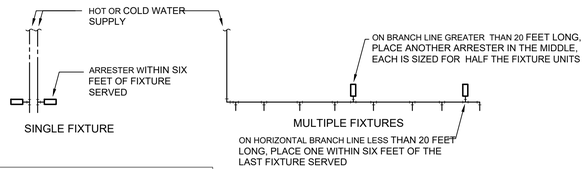
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	GA25057
DWG. No.	

P604



SPECIFICATIONS	OIL / WATER SEPARATOR MODEL OWS-5 450 GALLONS
CONCRETE MIN. STRENGTH: 4,000 PSI AT 28 DAYS REINFORCEMENT: 3X12 W3XW2.1 / ASTM C478 AIR ENTRAINMENT: 6% CONSTRUCTION JOINT: BUTYL RUBBER SEALANT PIPE CONNECTION: 4" RUBBER BOOTS LOAD RATING: HS-20 TRAFFIC RATED WEIGHT = 9,000 LBS	WOODARD'S CONCRETE PRODUCTS, INC. 629 LYBOLT ROAD, BULLVILLE, NY 10915 (845) 361-3471 / FAX 361-1050

1 OIL/WATER SEPARATOR (OST-1) DETAIL
NOT TO SCALE

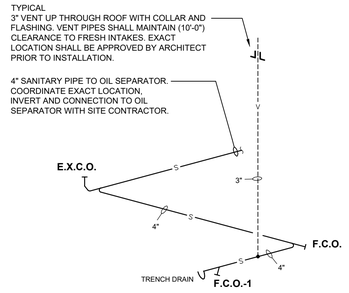


WATT'S WATER HAMMER ARRESTORS		
NO. 15 SIZE	FIXTURE UNITS	CROSS REF. PDI STANDARD
½" M1	1-11	A
¾" M1	12-32	B
1" M1	33-60	C
1¼" M1	61-113	D
1½" M1	114-154	E
2" M1	155-330	F

FIXTURE UNIT TABULATION		
FIXTURE	COLD	HOT
VALVE WATER CLOSET	10	-
URINAL	5	-
LAVATORY	1.5	1.5
SINK	2	2
MOP BASIN	3	3
DRINKING FOUNTAIN	0.5	-
WASHING MACHINE	3	3

NOTES:
- PC TO PROVIDE WATER HAMMER ARRESTERS BY SIOUX CHIEF, PRECISION PLUMBING PRODUCTS, WATTS OR APPROVED EQUIVALENT WITH PISTON AND 0-RING CONSTRUCTION, HAVING PDI #H-201, ASSE #1010 OR ANSI #A112.26.1M CERTIFICATION. SIZE AND INSTALL PER PDI #H-201 STANDARD OR MANUFACTURER'S INSTRUCTION.
- THE TABLES ABOVE ARE BASED ON THE SIOUX CHIEF PRODUCT LINE. IF PRESSURE IS IN EXCESS OF 65 PSIG THEN UPSIZE THE ARRESTER BY ONE (EXAMPLE: AN 'A' ARRESTER WOULD BECOME A 'B' ARRESTER.)

2 WATER HAMMER ARRESTERS
NOT TO SCALE



3 OIL SEPARATOR SANITARY/VENT PIPING ISOMETRIC
NOT TO SCALE

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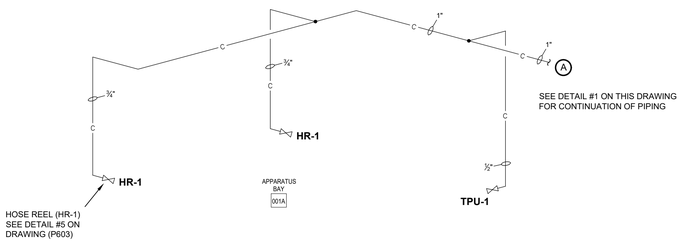
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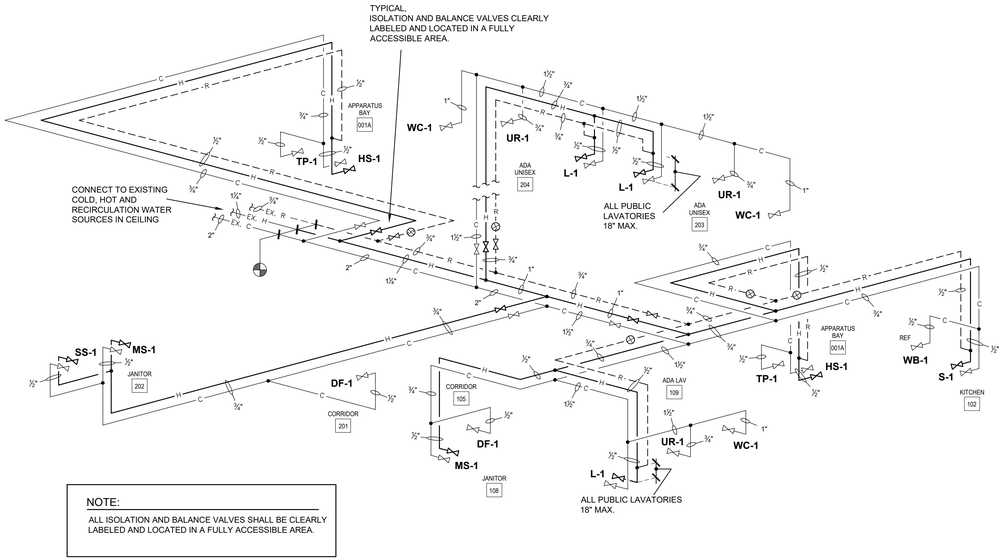
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P605



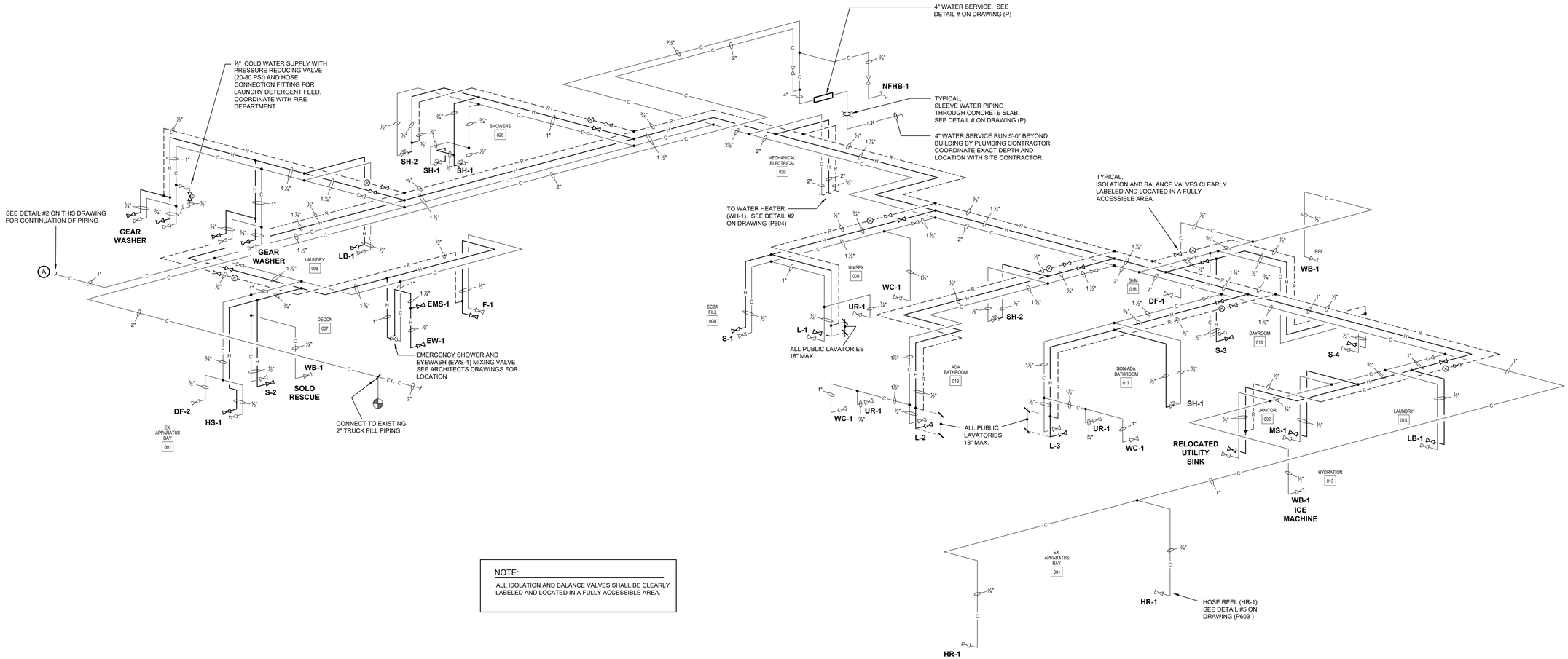
NOTE:
ALL ISOLATION AND BALANCE VALVES SHALL BE CLEARLY LABELED AND LOCATED IN A FULLY ACCESSIBLE AREA.

2 DOMESTIC WATER PIPING ISOMETRIC CON'T
NOT TO SCALE



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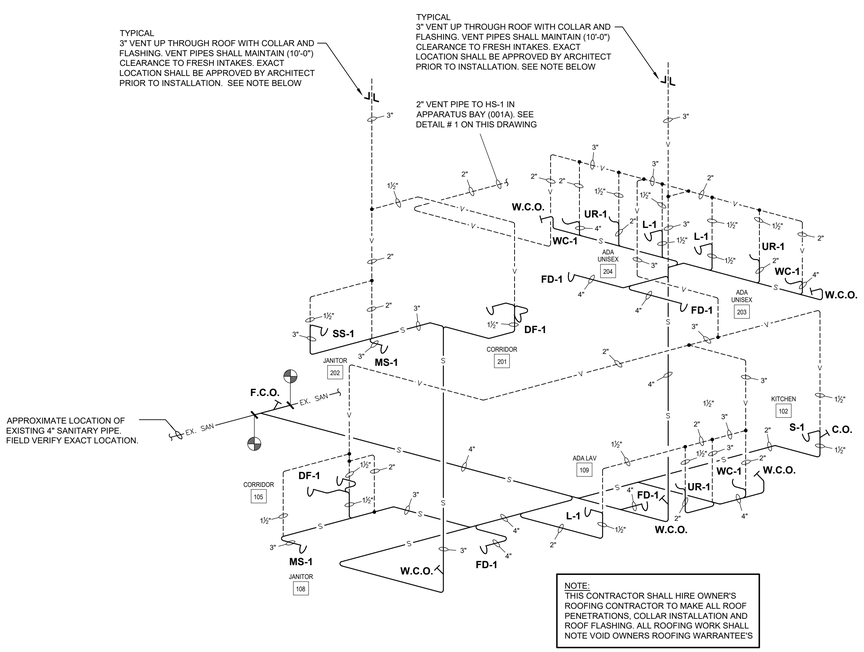
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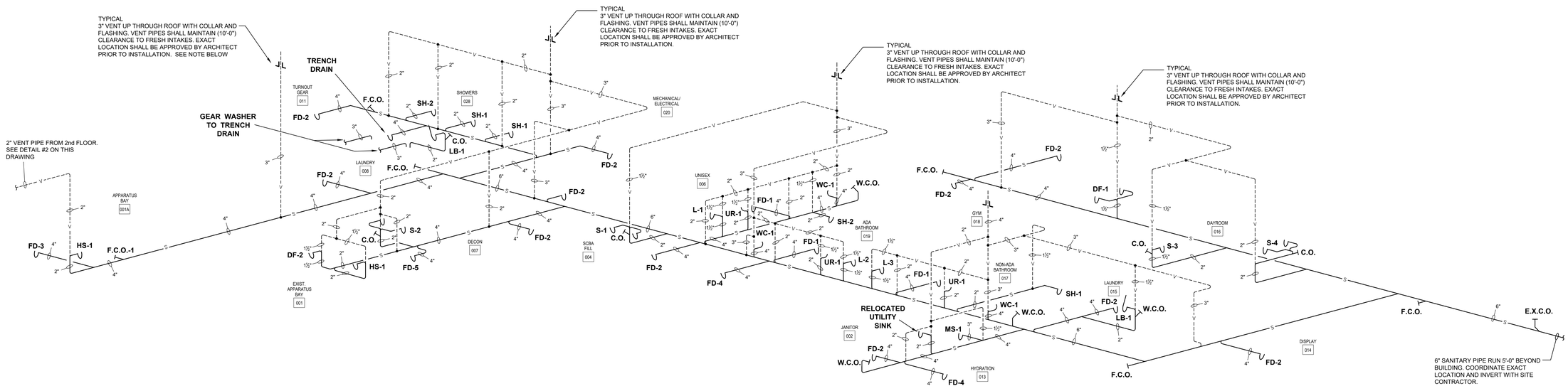
P606



NOTE:
THIS CONTRACTOR SHALL HIRE OWNER'S ROOFING CONTRACTOR TO MAKE ALL ROOF PENETRATIONS, COLLAR INSTALLATION AND ROOF FLASHING. ALL ROOFING WORK SHALL NOTE VOID OWNERS ROOFING WARRANTEE'S

2 SANITARY/VENT PIPING ISOMETRIC

NOT TO SCALE



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P607

PIPE HANGER SCHEDULE

PIPE SIZE (INCHES)	MAXIMUM HORIZONTAL SPACING (FEET)				SINGLE STEEL ROD HANGER SIZE (INCHES)		HANGER TYPE STEEL	MAXIMUM VERTICAL SPACING (FEET)			
	COPPER TUBE	CAST IRON	STEEL PIPE	CPVC PIPE	TUBING	PIPING		COPPER TUBE	CAST IRON	STEEL PIPE	CPVC PIPE
½"	6	5	8 (5)	3	¼"	⅜"	BAND	10	15	15	10
¾"	6	5	8 (5)	3	¼"	⅜"	BAND	10	15	15	10
1"	6	5	8 (5)	3	¼"	⅜"	BAND	10	15	15	10
1¼"	6	5	9 (5)	4	¼"	⅜"	CLEVIS	10	15	15	10
1½"	6	5	9 (5)	4	¼"	⅜"	CLEVIS	10	15	15	10
2"	10	5	10 (5)	4	¼"	⅜"	CLEVIS	10	15	15	10
2½"	10	5	12 (5)	4	⅜"	½"	CLEVIS	10	15	15	10
3"	10	5	12 (5)	4	⅜"	½"	CLEVIS	10	15	15	10
4"	10	5	12 (5)	4	½"	⅝"	CLEVIS	10	15	15	10
5"	10	5	12 (5)	4	½"	⅝"	CLEVIS	10	15	15	10
6"	10	5	12 (5)	4	½"	¾"	CLEVIS	10	15	15	10
8"	10	5	12 (5)	4	⅝"	⅞"	CLEVIS	10	15	15	10
10"	10	5	12 (5)	4	⅝"	⅞"	CLEVIS	10	15	15	10
12"	10	5	12 (5)	4	⅝"	⅞"	CLEVIS	10	15	15	10

NOTES:

1. MAXIMUM HORIZONTAL SPACING OF CAST-IRON PIPE HANGERS SHALL BE INCREASED TO 10 FEET WHERE 10 FOOT LENGTHS OF PIPE ARE INSTALLED.
2. INSTALL HANGER OR SUPPORT CLOSE TO THE POINT OF CHANGE OF DIRECTION IN ALL PIPE RUNS.
3. INSTALL ADDITIONAL HANGERS ON SUPPORTS AT CONCENTRATED LOADS.
4. SUPPORT ALL BRANCH PIPING OVER 5'-0" IN LENGTH.
5. ½" GAS PIPING SHALL BE SUPPORTED EVERY 6'-0". ¾" AND 1" GAS PIPING SHALL BE SUPPORTED EVERY 8'-0". 1¼" AND LARGER GAS PIPING SHALL BE SUPPORTED EVERY 10'-0".
6. SUPPORT VERTICAL PIPING AT EVERY FLOOR.

FIXTURE RUNOUT SCHEDULE

MARK	FIXTURE	CW	HW	W	V
WC-1	WATER CLOSET	1"	——	4"	2"
UR-1	URINAL	¾"		2"	1½"
L-1, 2, 3	LAVATORY	½" x ⅜"	½" x ⅜"	1½"	1½"
S-1, 2, 3, 4	SINK	½" x ⅜"	½" x ⅜"	1½"	1½"
SH-1, 2	SHOWER	½"	½"	——	——
DF-1, 2	DRINKING FOUNTAIN	½"	——	1½"	1½"
HS-1	HAND SINK	½" x ⅜"	½" x ⅜"	1½"	1½"
WB-1	WALL BOX	½"	——	——	——
LB-1	LAUNDRY BOX	½"	½"	2"	1½"
HR-1	HOSE REEL	¾"	¾"	——	——
FD-1	FLOOR DRAIN	——	——	4"	2"
FD-2	FLOOR DRAIN	——	——	4"	2"
FD-3	FLOOR DRAIN	½"	——	4"	2"
FD-4	FLOOR DRAIN	——	——	3"	1½"
FD-5	FLOOR DRAIN	——	——	4"	2"
SS-1	SERVICE SINK	½"	½"	3"	1½"
MS-1	MOP SINK	½"	½"	3"	1½"
TPU-1	TRAP PRIMER UNIT	½"	——	——	——
TP-1	TRAP PRIMER	½"	——	——	——
EMS-1	FACE/EYEWASH	1"	1"	——	——

PIPE HANGER SCHEDULE

PIPE SIZE INCHES	SPACING - FEET			ROD SIZE STEEL INCHES	HANGER TYPE STEEL
	STD. WT. STEEL PIPE		COPPER TUBE		
	WATER	STEAM	WATER		
½	7	8	5	⅛	CLEVIS HANGER
¾	7	9	5	⅛	CLEVIS HANGER
1	7	9	6	¼	CLEVIS HANGER
1½	9	12	8	⅜	CLEVIS HANGER
2	10	13	8	⅜	CLEVIS HANGER
2½	11	14	9	½	CLEVIS HANGER
3	12	15	10	½	CLEVIS HANGER
4	14	17	12	½	CLEVIS HANGER
6	17	21	14	⅝	CLEVIS HANGER
8	19	24	16	⅝	CLEVIS HANGER

PLUMBING PIPE INSULATION SCHEDULE

SERVICE	INSULATION THICKNESS (INCHES)	
	PIPE SIZE (INCHES)	
	BELOW 1½"	1½" AND OVER
COLD WATER	½"	1"
HOT WATER	1"	1½"
HOT WATER RECIRCULATION	1"	1½"
HORIZONTAL / VERTICAL STORM PIPING	1"	1"

NOTES:

1. PIPE COVERING SHALL BE FIBERGLASS PIPE INSULATION WITH: FIRE RETARDANT VAPOR BARRIER JACKET, 0.23 K-FACTOR AT 75°F MEAN TEMPERATURE, FLAME SPREAD = 25, SMOKE DEVELOPED = 50.
2. FITTINGS AND VALVES SHALL BE PROVIDED WITH PREMOLDED FITTING COVERS WITH PVC JACKETING OVAL IN THICKNESS AND MATERIAL TO ADJOINING PIPE INSULATION.

PLUMBING NOTES:

1. ALL PLUMBING WORK SHALL BE INSTALLED IN ACCORDANCE WITH 2025 PLUMBING, FIRE, FUEL GAS, BUILDING, AND ENERGY CONSERVATION CONSTRUCTION CODE OF THE STATE OF NEW YORK, ALL LOCAL CODES AND GENERALLY ACCEPTED STANDARDS.
2. CONTRACTOR SHALL PROVIDE ALL FIXTURES, PIPING, VALVES, ACCESS DOORS, HANGERS, FITTINGS AND MISCELLANEOUS COMPONENTS NOT NECESSARILY DETAILED ON THESE DRAWINGS TO RENDER THE PLUMBING SYSTEMS COMPLETE, OPERABLE, AND IN ACCORDANCE WITH APPLICABLE CODES AND GENERALLY ACCEPTED INDUSTRY STANDARDS.
3. CONTRACTOR SHALL COORDINATE LOCATIONS OF ALL PIPING AND EQUIPMENT WITH OTHER TRADES TO AVOID CONFLICTS. ROUGHING-IN DIMENSIONS OF FIXTURES MUST BE COORDINATED WITH GENERAL CONTRACTOR. SEE ARCHITECT'S DRAWINGS FOR EXACT LOCATIONS AND ELEVATIONS OF PLUMBING FIXTURES.
4. ALL PIPE OPENINGS THROUGH PARTITIONS, FLOORS AND CEILINGS SHALL HAVE PIPE SLEEVES. FOR PIPE PENETRATING FIRE RATED PARTITIONS, CEILINGS AND FLOORS THE CONTRACTOR SHALL SEAL AROUND ALL PIPE PENETRATIONS WITH HILTI INTUMESCENT FIRE STOP MATERIAL BETWEEN THE PIPE AND SLEEVE TO MAINTAIN FIRE AND SMOKE RATINGS. PROVIDE FIRE STOP SEALANT ON ALL EXISTING PIPING PENETRATING NEW FIRE RATED WALLS CONSTRUCTED AS PART OF THE PROJECT.
5. CONTRACTOR SHALL PITCH ALL SANITARY PIPING UNDER 3" A MINIMUM OF ¼" PER FOOT. SANITARY PIPING 3" AND ABOVE MAY BE PITCHED A MINIMUM OF ⅛" PER FOOT.
6. CONTRACTOR SHALL GUARANTEE ALL WORKMANSHIP AND MATERIAL INSTALLED UNDER THIS CONTRACT FREE FROM DEFECTS FOR A PERIOD OF ONE (1) YEAR FROM DATE OF SUBSTANTIAL COMPLETION AND ACCEPTANCE BY THE OWNER AND AGREES TO REPLACE DEFECTIVE WORK (INCLUDING ALL REQUIRED LABOR AND MATERIAL) AT NO ADDITIONAL COST TO OWNER DURING THE GUARANTEE PERIOD.
7. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS ON ALL EQUIPMENT, PIPING, INSULATION, VALVES AND PLUMBING FIXTURES TO OWNER AND ARCHITECT FOR APPROVAL. DEMONSTRATE NEW PLUMBING SYSTEMS TO OWNERS AND REVIEW MAINTENANCE PROCEDURES.
8. PROVIDE CHROME PLATED ESCUTCHEON PLATES WHERE PIPES PASS THROUGH WALLS, FLOORS AND CEILINGS IN FINISHED AREAS.
9. CONTRACTOR SHALL COORDINATE FINAL LOCATIONS OF ALL PIPING IN FINISHED AREAS WITH GENERAL CONTRACTOR TO ENSURE CONCEALMENT OF ALL PIPING IN WALLS, FLOORS, CEILINGS AND UNDER VANITIES.
10. CONTRACTOR SHALL LOCATE ALL PIPING ON THE WARM SIDE OF BUILDING INSULATION ENVELOPE.
11. CONTRACTOR SHALL FURNISH AND INSTALL ALL CONTROL WIRING (24V) AND (120V) FOR SYSTEMS SHOWN ON PLUMBING DRAWINGS AND TRANSFORMERS, CONDUIT, JUNCTION BOXES, CONDUCTORS, THERMOSTATS, APPURTENANCES AND ALL NECESSARY EQUIPMENT TO MAKE SYSTEMS COMPLETE AND OPERABLE.
12. ALL CONTROL WIRING SHALL BE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (LATEST ADOPTED ADDITION) AND ALL LOCAL CODES. ALL CONDUCTORS SHALL BE COPPER WITH THHN INSULATION. 120V/1 - MINIMUM CONDUCTOR SIZE # 12. 24V - MINIMUM CONDUCTOR SIZE # 18.
13. CONTRACTOR SHALL PAY FOR ALL PERMITS AND INSPECTIONS FEES REQUIRED BY LOCAL AUTHORITY HAVING JURISDICTION.
14. CONTRACTOR SHALL PROVIDE ACCESS DOORS FOR ALL VALVES CONCEALED IN WALLS/CEILINGS. ACCESS DOORS SHALL HAVE APPROPRIATE FIRE RATING TO MAINTAIN INTEGRITY OF WALL/CEILING. ACCESS DOORS TO BE INSTALLED BY GENERAL CONTRACTOR.
15. CONTRACTOR SHALL NOT DRILL OR CUT ANY STRUCTURAL MEMBERS WITHOUT PERMISSION OF ARCHITECT, OR STRUCTURAL ENGINEER.
16. CONTRACTOR IS RESPONSIBLE FOR INSULATING ALL DOMESTIC HOT AND COLD WATER PIPING AND HORIZONTAL STORM DRAIN PIPING. SEE PLUMBING INSULATION SCHEDULE ON THIS DRAWING.
17. ALL DOMESTIC WATER PIPING CONNECTIONS TO PLUMBING EQUIPMENT SHALL BE COPPER TYPE "L".
18. ALL NEW PIPES ARE TO BE SUPPORTED FROM STRUCTURE, NOT FROM PIPING OR DUCTWORK.
19. CONTRACTOR SHALL BE RESPONSIBLE FOR DRAINING AND REFILLING SYSTEMS AS REQUIRED FOR COMPLETION OF WORK.
20. CONNECTIONS TO EXISTING UTILITIES AND SERVICES ARE SHOWN ACCORDING TO THE BEST INFORMATION AVAILABLE. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATIONS, INVERT ELEVATIONS, AND SIZES OF EXISTING PLUMBING SERVICES IN FIELD, AND SHALL CONNECT NEW PLUMBING SERVICES AS INDICATED ON DRAWINGS.
21. PROVIDE DIELECTRIC FITTINGS OR COUPLINGS WHEREVER DISSIMILAR METALS ARE JOINED.
22. PROVIDE SHUTOFF VALVES AT ALL FIXTURES AND EQUIPMENT ON COLD WATER AND HOT WATER.
23. ALL WORK SHALL BE PROPERLY TESTED, BALANCED, AND CLEANED AND DISINFECTED.
24. A CLEANOUT SHALL BE LOCATED AT ALL CHANGES IN DIRECTION AND AT THE BASE OF EACH STACK AND LEADER.
25. ALL MOTOR STARTERS AND DISCONNECT SWITCHES FOR PLUMBING EQUIPMENT SHALL BE FURNISHED BY THE PLUMBING CONTRACTOR AND INSTALLED BY THE ELECTRICAL CONTRACTOR, UNLESS OTHERWISE NOTED. DISCONNECT SWITCHES FURNISHED BY THE PLUMBING CONTRACTOR FOR PLUMBING EQUIPMENT SHALL BE HEAVY DUTY TYPE.
26. FIXTURE (GENERAL):
27. FIXTURE SHALL BE COMPLETE WITH REQUIRED TRIM, INCLUDING BUT NOT LIMITED TO: SUPPORTS, FAUCETS, SUPPLIES, STOP VALVES, 17 GAUGE WASTE TAILPIECES, TRAPS, SEATS, FLUSHOMETER, VACUUM BREAKER, BOLTS, GASKETS CHROME PLATED EXUTCHEONS, CAST BRASS FLOOR FLANGE AND BOLT CAPS. ALL SCREWS SHALL BE VALDELPROOF.
28. EXPOSED METAL TRIM AND ROUGHING SHALL BE CHROME PLATED NICKEL BRASS. CHROME PLATED CAST BRASS 'P' TRAPS WITH SCREW PLUG CLEANOUT, SLIP-JOINT INLET AND FEMALE CAST SWIVEL THREADED ELBOW OUTLET. CHROME PLATED BRASS NIPPLE AT WALL WITH CHROME PLATED ESCUTCHEON. SWING SPOUTS SHALL HAVE 140° SWING LIMIT STOPS.
29. SUPPORT WALL FIXTURES SECURELY ON APPROVED COMMERCIAL GRADE CARRIERS AS MANUFACTURED BY JAY R. SMITH, JOSAM, OR ZURN.
30. UPON COMPLETION OF THE ENTIRE SANITARY DRAIN AND VENT SYSTEM IN ACCORDANCE WITH THE PLUMBING CODE OF NEW YORK STATE.
31. WATER SUPPLY SYSTEM TEST SHALL BE DONE ON COMPLETION OF A SECTION OF OR THE ENTIRE WATER SUPPLY SYSTEM, THE SYSTEM, OR THE PORTION COMPLETED, SHALL BE TESTED AND PROVED TIGHT UNDER A WATER PRESSURE NOT LESS THAN THE WORKING PRESSURE OF THE SYSTEM: OR, BY AN AIR TEST (METAL PIPE ONLY NO PLASTIC) OF NOT LESS THAN 50 PSI. TEST PRESSURE SHALL BE HELD FOR A MINIMUM OF 15 MINUTES. THE WATER UTILIZED FOR TESTS SHALL BE OBTAINED FROM A POTABLE SOURCE OF SUPPLY.
32. DOMESTIC WATER PIPING DISINFECTION:

    A. ALL OPEN ENDS OF PIPING, VALVES AND EQUIPMENT SHALL BE PLUGGED EXCEPT WHEN ACTUAL WORK IS BEING PERFORMED, TO MINIMIZE ACCUMULATION OF DIRT AND DEBRIS.

    B. THE CONTRACTOR SHALL DISINFECT WATER PIPING BEFORE IT IS PLACED IN SERVICE.

    C. THE CONTRACTOR SHALL FURNISH ALL EQUIPMENT AND MATERIALS NECESSARY TO DO THE WORK OF DISINFECTING, AND SHALL PERFORM THE WORK IN ACCORDANCE WITH THE PROCEDURE OUTLINED IN THE AWWA C651 0R AWWA C652 OR AS DESCRIBED BELOW.

    D. SYSTEM OR PART THEREOF SHALL BE FILLED WITH A WATER/CHLORINE SOLUTION CONTAINING AT LEAST 50 PARTS PER MILLION OF CHLORINE AND THE SYSTEM OR PART THEREOF SHALL BE ALLOWED TO STAND FOR 24 HOURS.

    E. DURING THE DISINFECTION PERIOD, CARE SHALL BE EXERCISED TO PREVENT CONTAMINATION OF WATER IN THE STREET MAIN OR THE ACTIVE WATER PIPING WITHIN THE BUILDING.

    F. FOLLOWING REQUIRED STANDING TIME, THE SYSTEM SHALL BE FLUSHED WITH CLEAN POTABLE WATER UNTIL THE CHLORINE IS PURGED FROM THE SYSTEM.
33. PIPING AND EQUIPMENT IDENTIFICATION:

    A. CONTRACTOR TO PROVIDE OPTI-CODE LABELS FOR ALL NEW PIPING. LABELS SHALL INDICATE SERVICE AND FLOW DIRECTION. LETTERS AND ARROWS INDICATING FLOW SHALL BE 2 1/2" HIGH, PLACED EVERY 10' AND SHALL BE WHITE ON A GREEN BACKGROUND AND SHALL CONFORM TO ANSI AND OSHA STANDARDS. LABELS SHALL BE APPLIED OVER INSULATION ONLY.

    B. VALVE SERVICE IDENTIFICATION TAGS: NUMBER 19 B&S GAGE BRASS, WITH 1/4" HIGH VALVE SERVICE ABBREVIATED LETTERING ON ONE LINE OVER 1/2" HIGH VALVE SERVICE CHART NUMBER, BOTH DEEP STAMPED AND BLACK FILLED; AND WITH 3/16" TOP HOLE FOR BRASS "S" HOOK OR BRASS JACK CHAIN FASTENER.

    C. PROVIDE VALVE SERVICE IDENTIFICATION CHART MOUNTED IN LOCATION COORDINATED WITH OWNER'S REPRESENTATIVE. FRAME SHALL BE SATIN FINISHED EXTRUDED ALUMINUM WITH RIGID CLEAR PLASTIC GLAZING, SIZE TO FIT 8-1/2" x 11" VALVE CHART.

    D. EQUIPMENT SHALL HAVE 3" HIGH BLACK LAMACOID NAME PLATES WITH WHITE ENGRAVED LETTERS PERMANENTLY FASTENED TO ALL NEW EQUIPMENT.
34. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING START-UP OF ALL NEW EQUIPMENT, CONTROLS, AND ETC. TO ENSURE CORRECT OPERATION OF INSTALLED DEVICES.
35. CONTRACTOR SHALL PROVIDE OWNER WITH CATALOG DATA, OPERATING INSTRUCTIONS, MAINTENANCE INSTRUCTIONS, AND RECORD (AS-BUILT) DRAWINGS OF ALL COMPLETED WORK.
36. CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL CUTTING, PATCHING, AND PAINTING ASSOCIATED WITH PLUMBING WORK. ALL FLOORS AND WALLS WHERE AN EXISTING PIPE HAS BEEN REMOVED AND NOT REPLACED SHALL BE PATCHED BY THIS CONTRACTOR.
37. ALL NEW HOLES IN WALLS AND FLOORS SHALL BE CORE DRILLED BY THIS CONTRACTOR. PRIOR TO CORE DRILLING FLOORS, RADAR SCAN FLOOR SLABS. USE CAUTION WHEN CORE DRILLING TO AVOID DAMAGE TO EXISTING EQUIPMENT, SYSTEMS, STRUCTURE AND ETC. ANY ITEMS DAMAGED AS A RESULT OF CORE DRILLING SHALL BE REPAIRED BY THIS CONTRACTOR AT NO ADDITIONAL COST TO FIRE.
38. CONTRACTOR SHALL INSULATE ALL EXPOSED PIPING UNDER HANDICAPPED ACCESSIBLE LAVATORIES AND SINKS WITH HANDI LAV-GUARD MANUFACTURED BY TRUEBRO, ELLINGTON, CT. (203) 872-0300
39. CONTRACTOR SHALL MOUNT ALL HANDICAPPED ACCESSIBLE PLUMBING FIXTURES AND ACCORDANCE WITH ANSI A117.1 AND ADA REQUIREMENT SEE ARCHITECT'S DRAWINGS FOR FIXTURE ELEVATIONS.
40. PUBLIC LAVATORIES MUST HAVE TEMPERED WATER (85°F TO 110°F). ADJUST LAVATORY MIXING VALVE TO 100°F OR AS DIRECTED BY OWNER.
41. PROTECTION AGAINST PHYSICAL DAMAGE: IN CONCEALED LOCATIONS WHERE PIPING, OTHER THAN CAST-IRON OR GALVANIZED STEEL, IS INSTALLED THROUGH HOLES OR NOTCHES IN STUDS, JOISTS, RAFTERS OR SIMILAR MEMBERS LESS THAN 1¼ INCHES FROM THE NEAREST EDGE OF THE MEMBER, THE PIPE SHALL BE PROTECTED BY STEEL SHIELD PLATES. SUCH SHIELD PLATES SHALL HAVE A THICKNESS OF NOT LESS THAN 0.0575 INCH (NO. 16 GAGE). SUCH PLATES SHALL COVER THE AREA OF THE PIPE WHERE THE MEMBER IS NOTCHED OR BORED AND SHALL EXTEND NOT LESS THAN 2 INCHES ABOVE SOLE PLATES AND BELOW TOP PLATES.
42. HEALTH, SAFETY AND CRITICAL OPERATING EQUIPMENT SHALL NOT BE COMPROMISED WITHOUT THE OWNER NOTIFICATION AND SCHEDULED SHUTDOWN DURING OFF HOURS AS TEMPORARY OPERATIONAL PLAN IS IMPLEMENTED AND MAINTAINED.
43. CONTRACTOR SHALL SCHEDULE ALL SHUT-DOWNS OF EXISTING BASE BUILDING EQUIPMENT/SYSTEMS WITH OWNER AS REQUIRED FOR PERFORMING WORK. NOTICE SHALL BE GIVEN NO LESS THAN (5) FIVE BUSINESS DAYS PRIOR REQUIRED SHUT-DOWN. SHUT-DOWNS SHALL NOT BE PERFORMED WITHOUT APPROVAL FROM OWNER.

MARLBOROUGH FIRE DISTRICT

MARLBORO HOSE CO. NO. 1
14 GRAND STREET,
MARLBORO, NY 12542

MARLBOROUGH FIRE STATION ADDITIONS AND RENOVATION

CONSTRUCTION DOCUMENTS

wendel

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GERARD ASSOCIATES
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NO.	REVISIONS	DATE
0	ISSUED FOR BID	06/15/2026

DWG. TITLE

PLUMBING:
EQUIPMENT SCHEDULES

0 1" 2"
GENERIC SCALE BAR
SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING. IF NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY

DATE	06/15/2026
SCALE	AS NOTED
DWN.	KC/JT
CHK.	JT
PROJ. No.	653001
	GA25057
DWG. No.	

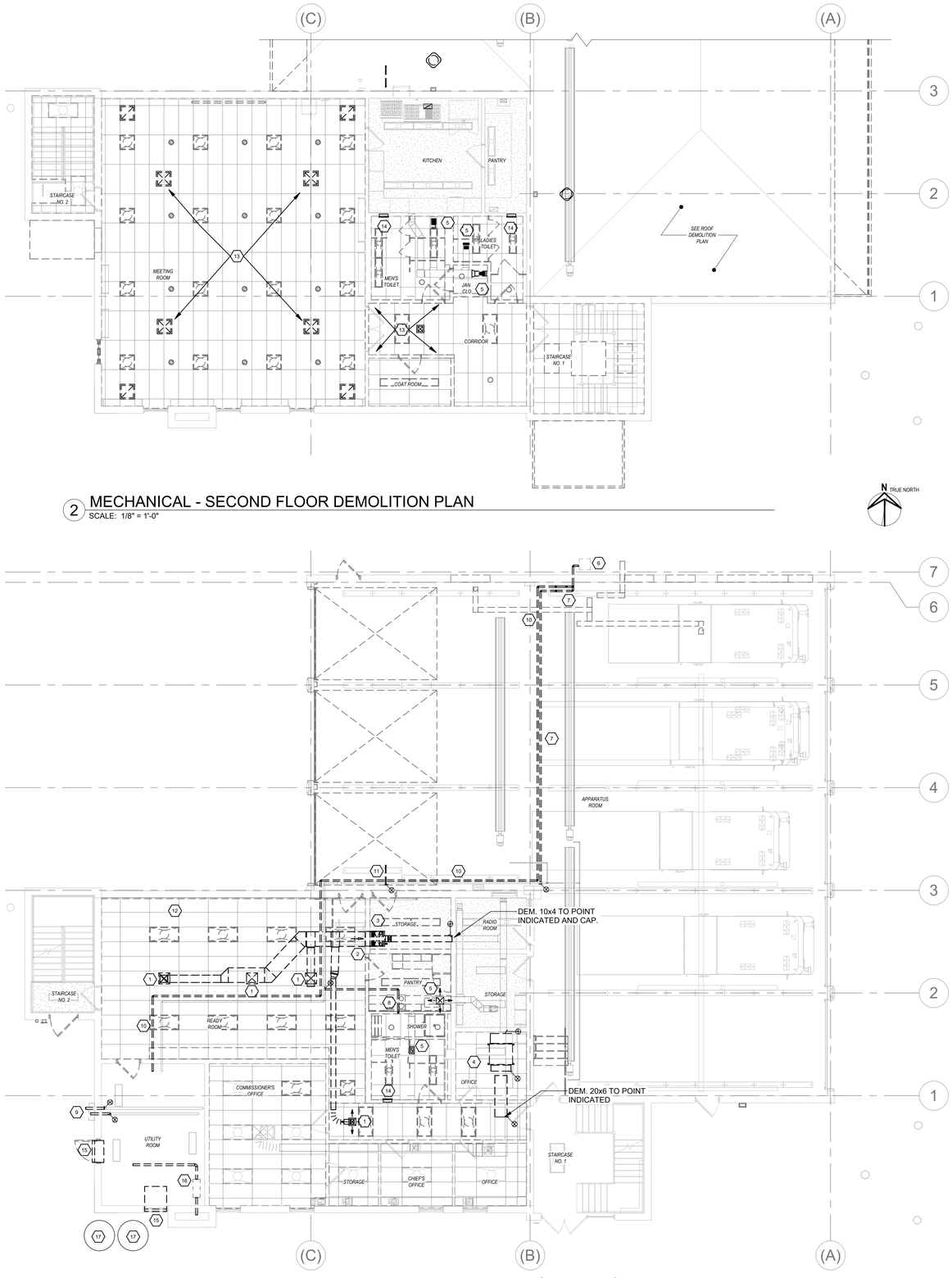
P701

PLUMBING EQUIPMENT SCHEDULE

SYMBOL	MANUFACTURER	CATALOG #	DESCRIPTION
F-1	T&S BRASS	PB 8WOSN00PZLUB	8" WALL MOUNT MIXING FAUCET, QUARTER-TURN ETERNA CARTRIDGES WITH SPRING CHECKS AND COLOR CODED LEVER HANDLES, 72" FLEXIBLE STAINLESS STEEL HOSE WITH SPRING, 12" RISER WITH FINGER HOOK, HIGH FLOW SPRAY VALVE, AND INSTALLATION KIT WITH ½" NPT MALE INLETS.
EWS-1	GUARDIAN	G1643	HORIZONTALLY MOUNTED EMERGENCY SHOWER WITH 10" DIAMETER ORANGE, ABS PLASTIC SHOWER HEAD. COMPLETE WITH: 1" IPS CHROME PLATED BRASS STAY OPEN BALL VALVE, STAINLESS STEEL ACTUATING ARM, STAINLESS STEEL PULL ROD, 1" IPS GALVANIZED STEEL NIPPLE WITH ORANGE ABS PLASTIC ELBOW, 1" NPT FEMALE INLET, ANSI COMPLIANT IDENTIFICATION SIGN AND AP250-018SS SUPPORT BRACE.
		G1891	WALL MOUNTED EYE/FACE WASH WITH 11½" DIAMETER STAINLESS STEEL BOWL. COMPLETE WITH: TWO GS-PLUS SPRAY HEADS WITH FLIP TOP DUST COVERS, INTERNAL FLOW CONTROL AND FILTER; ½" IPS STAINLESS STEEL STAY OPEN BALL VALVE; HEAVY DUTY STAINLESS STEEL WALL BRACKET; CHROME PLATED BRASS TAILPIECE AND TRAP; ½" NPT FEMALE INLET, 1¼" NPT FEMALE OUTLET, ANSI COMPLIANT IDENTIFICATION SIGN.
		G6040	THERMOSTATIC MIXING VALVE WITH 50 GPM FLOW CAPACITY AT 30 PSI PRESSURE DROP. FURNISHED WITH HEAVY DUTY STAINLESS STEEL MOUNTING BRACKET. VALVE SHALL HAVE PRECISION THERMAL ACTUATOR TO SENSE INCOMING WATER TEMPERATURE AND AUTOMATICALLY BLEND WATER TO PRESET TEPID WATER TEMPERATURE. VALVE SHALL BE FURNISHED WITH DIAL TEMPERATURE GAUGE TO MONITOR TEPID WATER TEMPERATURE. COLD WATER BY-PASS. HOT WATER SHUT-OFF ARRANGED TO CLOSE COMPLETELY IF SUPPLY OF COLD WATER IS INTERRUPTED. EACH INLET SHALL HAVE LOCKABLE SHUT-OFF VALVE, INTERNAL CHECK VALVE, AND STAINLESS STEEL BASKET FILTER. VALVE SHALL BE LEAD FREE. 1" NPT FEMALE INLETS AND 1¼" NPT FEMALE OUTLET. ASSE 1071 CERTIFIED. VALVE SHALL BE INSTALLED IN RECESS MOUNTED STAINLESS STEEL CABINET.
S-1	ADVANCE TABCO	94-22-40-18R	REGALINE SINK TIG WELDED, 14 GAUGE TYPE 304 STAINLESS STEEL CONSTRUCTION WITH 15½" DIAMETER STAINLESS STEEL LEGS WITH 1" ADJUSTABLE STAINLESS STEEL BULLET FEET AND STAINLESS STEEL GUSSETS. 11" HIGH SPLASH. NSF CERTIFIED. 14" WATER LEVEL. ½" IPS WATER SUPPLIES, QUARTER TURN CHROMED BRASS STOPS AND 8" ON CENTER FAUCET HOLES. 1½" IPS STAINLESS STEEL, BASKET WASTE DRAIN. (2) 20"x 20" BOWL SIZE. 81" OVERALL LENGTH. (2) 18" LONG DRAIN BOARD. TWO COMPARTMENT, TWO DRAINBOARDS.
	ADVANCE TABCO	K-116	NSF 61 LEAD FREE, SPLASH MOUNT, PRE-RINSE FAUCET. 8" ON CENTER WATER SUPPLIES. QUARTER-TURN WEDGE STYLE HANDLES WITH COLOR CODED HOT AND COLD INDEXES. CHECK VALVES, SPRAY HEAD WITH CONTINUOUS WATER FLOW RING. HEAVY DUTY HOSE SPRING. STAINLESS STEEL BRAIDED HOSE. ⅜" DIAMETER RIGID RISER. WALL MOUNT BRACKET. ADJUSTABLE SPRAY HEAD HOOK.
S-2	ADVANCE TABCO	94-2-36-18RL	REGALINE SINK TIG WELDED, 14 GAUGE TYPE 304 STAINLESS STEEL CONSTRUCTION WITH 15½" DIAMETER STAINLESS STEEL LEGS WITH 1" ADJUSTABLE STAINLESS STEEL BULLET FEET AND STAINLESS STEEL GUSSETS. 11" HIGH SPLASH. NSF CERTIFIED. 14" WATER LEVEL. ½" IPS WATER SUPPLIES, QUARTER TURN CHROMED BRASS STOPS AND 8" ON CENTER FAUCET HOLES. 1½" IPS STAINLESS STEEL, BASKET WASTE DRAIN. (2) 16"x20" BOWL SIZE. 72" OVERALL LENGTH. (2) 18" LONG DRAIN BOARD. TWO COMPARTMENT, TWO DRAINBOARDS.
	ADVANCE TABCO	K-116	NSF 61 LEAD FREE, SPLASH MOUNT, PRE-RINSE FAUCET. 8" ON CENTER WATER SUPPLIES. QUARTER-TURN WEDGE STYLE HANDLES WITH COLOR CODED HOT AND COLD INDEXES. CHECK VALVES, SPRAY HEAD WITH CONTINUOUS WATER FLOW RING. HEAVY DUTY HOSE SPRING. STAINLESS STEEL BRAIDED HOSE. ⅜" DIAMETER RIGID RISER. WALL MOUNT BRACKET. ADJUSTABLE SPRAY HEAD HOOK.
S-3	ELKAY	LRADQ191955	LUSTERTONE SURFACE MOUNT SINGLE COMPARTMENT SINK, 18 GAUGE TYPE 304 STAINLESS STEEL, 19.5" LONG x 19" WIDE, (1) BOWL 16" LONG x 13.5" WIDE x 5 ½" DEEP BOWL, FULLY UNDERCOATED. DRAIN CENTERED AT REAR OF SINK. 3-HOLE, 4" ON CENTERS. PS TRUEBRO LAV GUARD INSULATION KIT. INSTALL IN ACCORDANCE WITH ANSI A117.1 AND ADA STANDARDS FOR HANDICAP ACCESSIBILITY.
	AMERICAN STANDARD	7617300.002	HILLSDALE PULL-DOWN FAUCET, DECK MOUNT, GOOSENECK SPOUT, 1-HOLE FAUCET, POLISHED CHROME FINISH, INTEGRAL CHECK VALVES, ADJUSTABLE SPRAY PATTERN OF STREAM OR SPRAY, ADA COMPLIANT. (1.8 GPM), QUARTER TURN BALL VALVE STOPS, BASKET STRAINER, FLEXIBLE STAINLESS STEEL SUPPLIES, DECK PLATE AND 17 GAUGE CHROME PLATED BRASS P-TRAP W/CLEANOUT.
S-4	ELKAY	DLR432210	LUSTERTONE SURFACE MOUNT EQUAL DOUBLE COMPARTMENT SINK, 18 GAUGE TYPE 304 STAINLESS STEEL, 43.0" LONG x 22" WIDE, (2) BOWL 19" LONG x 16" WIDE x 10" DEEP BOWL, FULLY UNDERCOATED. DRAIN CENTERED. FAUCET 1-HOLE
	AMERICAN STANDARD	7617300.002	HILLSDALE PULL-DOWN FAUCET, DECK MOUNT, GOOSENECK SPOUT, 1-HOLE FAUCET, POLISHED CHROME FINISH, INTEGRAL CHECK VALVES, ADJUSTABLE SPRAY PATTERN OF STREAM OR SPRAY, ADA COMPLIANT. (1.8 GPM), QUARTER TURN BALL VALVE STOPS, BASKET STRAINER, FLEXIBLE STAINLESS STEEL SUPPLIES, DECK PLATE AND 17 GAUGE CHROME PLATED BRASS P-TRAP W/CLEANOUT.
SH-1	BRADLEY	HN200	RECESS-MOUNTED ADA COMPLIANT WALL SHOWER. CONSTRUCTION: 16-GAUGE TYPE 304 STAINLESS STEEL, CAST BRASS VALVE BODY AND 24" FLEXIBLE STAINLESS STEEL SUPPLY HOSES. ½" NPT SUPPLY INLET CONNECTIONS. COMPLETE WITH: RECESSED SOAP DISH; STANDARD SHOWERHEAD (1.5 GPM) AT 6'-0"; EQUA-FLO PRESSURE BALANCING VALVE; HAND SHOWER WITH 60" FLEXIBLE HOSE, WALL HOOK, VACUUM BREAKER AND QUICK DISCONNECT; LEVER HANDLE VOLUME CONTROL; NO LOCKABLE BALL JOINT; STOPS IN EACH SUPPLY; 24" SLIDE BAR; NO SHOWER CURTAIN. CONFORMS TO THE REQUIREMENTS OF ASSE 1016/ASME A112.18.1/CSA B125.16 OR ASME A112.18.1/CSA B125.1. VALVE EQUIPPED WITH LIMIT STOP NOT EXCEED 120F DEGS. INSTALL IN ACCORDANCE WITH ANSI A117.1 AND ADA STANDARDS FOR HANDICAP ACCESSIBILITY. SEE ARCHITECTS DRAWINGS FOR MORE INFORMATION
	ZURN	Z415S	FLOOR DRAIN, DURA COATED, 5" x 5" SQUARE NICKEL BRONZE TYPE "S" STRAINER, 2" OUTLET.
SH-2	BRADLEY	HN200	RECESS-MOUNTED ADA COMPLIANT WALL SHOWER. CONSTRUCTION: 16-GAUGE TYPE 304 STAINLESS STEEL, CAST BRASS VALVE BODY AND 24" FLEXIBLE STAINLESS STEEL SUPPLY HOSES. ½" NPT SUPPLY INLET CONNECTIONS. COMPLETE WITH: RECESSED SOAP DISH; STANDARD SHOWERHEAD (1.5 GPM) AT 6'-0"; EQUA-FLO PRESSURE BALANCING VALVE; HAND SHOWER WITH 60" FLEXIBLE HOSE, WALL HOOK, VACUUM BREAKER AND QUICK DISCONNECT; LEVER HANDLE VOLUME CONTROL; NO LOCKABLE BALL JOINT; STOPS IN EACH SUPPLY; 24" SLIDE BAR; REVERSIBLE PHENOLIC SHOWER SEAT; NO SHOWER CURTAIN; L-SHAPED 2-WALL GRAB BAR AND STANDARD SCREWS. CONFORMS TO THE REQUIREMENTS OF ASSE 1016/ASME A112.1016/CSA B125.16 OR ASME A112.18.1/CSA B125.1. VALVE EQUIPPED WITH LIMIT STOP NOT EXCEED 120F DEGS. INSTALL IN ACCORDANCE WITH ANSI A117.1 AND ADA STANDARDS FOR HANDICAP ACCESSIBILITY. VALVE RIGHT/SEAT LEFT
	ZURN	Z415S	FLOOR DRAIN, DURA COATED, 5" x 5" SQUARE NICKEL BRONZE TYPE "S" STRAINER, 2" OUTLET.
C.O.	————	————	CLEANOUT
F.C.O.	————	————	FLOOR CLEANOUT PEDESTRIAN TRAFFIC SEE DETAIL #9 ON DRAWING (P601)
F.C.O.-1	————	————	FLOOR CLEANOUT VEHICLE/TRUCK TRAFFIC (SEE DETAIL #6 ON DRAWING (P601)
W.C.O.	————	————	WALL CLEANOUT SEE DETAIL #4 ON DRAWING (P601)
EX.C.O.	————	————	EXTERIOR CLEANOUT SEE DETAIL #3 ON DRAWING (P601)
FD-1	ZURN	Z415S	FLOOR DRAIN, DURA COATED, 6" x 6" SQUARE NICKEL BRONZE TYPE "S" STRAINER, 4" OUTLET.
	SURESEAL	SS4009V	INLINE FLOOR DRAIN TRAP SEAL, 4" OUTLET.
FD-2	ZURN	Z415S	FLOOR DRAIN, DURA COATED, 6" x 6" SQUARE NICKEL BRONZE TYPE "S" STRAINER, 4" OUTLET, SEDIMENT BUCKET.
	SURESEAL	SS4009V	INLINE FLOOR DRAIN TRAP SEAL, 4" OUTLET.
FD-3	ZURN	Z539-92	FLOOR DRAIN, DURA COATED HEAVY DUTY (12 ½" x 12 ½") CAST IRON TOP ½ SLOTTED GRATE, SEEPAGE PAN AND SEDIMENT BUCKET. 4" OUTLET WITH TRAP PRIMER CONNECTION
FD-4	ZURN	Z-415I	FLOOR DRAIN, DURA COATED, 5" ROUND NICKEL BRONZE TYPE "I" STRAINER, 3" OUTLET.
FD-5	ZURN	Z539-92	FLOOR DRAIN, DURA COATED HEAVY DUTY (12 ½" x 12 ½") CAST IRON TOP ½ SLOTTED GRATE, SEEPAGE PAN AND SEDIMENT BUCKET. 4" OUTLET.
WB-1	OATEY	12K	WALL BOX WITH BRASS VALVE & COPPER CONNECTION.
P-1	GRUNDFOS	UP 15-42B7	DOMESTIC HOT WATER RECIRCULATION PUMP, BRONZE BODY WITH AQUASTAT AND "UP" TIMER. 8 GPM @ 10 FEET OF HEAD 1/25 HP - 120V/1
SP-1	LIBERTY PUMP	FLH61A-2	SUBMERSIBLE EFFLUENT PUMP HEAVY DUTY CAST IRON CONSTRUCTION, OIL-FILLED HERMETICALLY SEALED MOTOR WITH THERMAL OVERLOAD PROTECTION, 2" DISCHARGE, 3" SOLIDS HANDLING, QUICK DISCONNECT POWER CORD AVAILABLE LENGTHS (10', 25', 35' 50') OPTIONAL LENGTHS ALSO AVAILABLE. 50 GPM @ 42 FT HEAD. - ⅝ HP - 120V/1
		ALM-2W	INDOOR/OUTDOOR ALARM PANEL, TYPE 3R WATER-TIGHT STANDARDS, THERMAL PLASTIC ENCLOSURE, RED ALARM BEACON, 82 DECIBLE, TEST/SILENCE SWITCH, ALARM FLOAT WITH CORD, AUXILIARY CONTACTS, DIRECT WIRE - 120V/1
WH-1	STATE	SUF119 300	MODULATING ULTRA FORCE HIGH EFFICIENCY POWER VENT, STORAGE CAPACITY 119 GALLONS, RECOVERY 384 GALLONS @ 90°F RISE. NATURAL GAS INPUT 300,000 BTU/HR, 97% THERMAL EFFICIENCY WITH CONDENSATE NEUTRALIZATION KIT, 6" CONCENTRIC TERMINATION STATE PART No. 100113124 AND VENT CONNECTION ADAPTERS. ASME LABELED - 120V/1
RPZ-1	WATTS	957	4", UL CLASSIFIED, FM APPROVED REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTER ASSEMBLY. (LEAD FREE). DEVICE SHALL HAVE OSY SHUT-OFF VALVES AND EPOXY COATED WYE TYPE STRAINER. SLEEVE ACCESSIBLE SINGLE HOUSING CONSTRUCTED FROM 304 (SCHEDULE 40) STAINLESS STEEL PIPE WITH GROOVED CONNECTIONS. NSF APPROVED FUSION EPOXY FINISH. STAINLESS STEEL INTERNALS, SPRINGS AND FASTENERS. 140°F MAXIMUM WATER TEMPERATURE. 175 PSI MAXIMUM WORKING PRESSURE. THE DEVICE SHALL BE APPROVED BY THE FOUNDATION FOR CROSS CONNECTION CONTROL AND HYDRAULIC RESEARCH AT THE UNIVERSITY OF SOUTHERN CALIFORNIA.
OST-1	WOODARDS CONCRETE PRODUCTS, INC.	OWS-5	OIL / WATER SEPARATOR CONSTRUCTED OF CONCRETE MIN. STRENGTH: 4,000 PSI AT 28 DAYS, REINFORCED 3x12 W3xW2.1/ASTM C478, 4" RUBBER BOOTS, STATIC HOLDING CAPACITY = 450 GALLONS, INLET = 4", OUTLET = 4", VENTS 4", EPOXY COATING, HIGHWAY LOADING HS-20, CAST IRON COVERS, INTEGRAL EXTENSIONS AS NECESSARY TO SET FLUSH WITH SLOPING GRADE. SEE DETAIL #1 ON DRAWING (P605) FOR MORE INFORMATION.
RD-1	ZURN	FROET 100C	BI-FUNCTIONAL ROOF DRAIN WITH 45° PRIMARY OUTLET CONNECTION. POWDER COATED CASE IRON DEEP SUMP BODY WITH COMBINATION MEMBRANE FLASHING CLAMP/GRAVEL GUARD. OVERFLOE PIPE WITH STANDARD HIGH CAST IRON DOME AND 6 ½" CAST IRON OVERFLOW. INSULATE ROOF DRAIN BODIES WITH 1" THICK INSULATION. TAPE ALL JOINTS FOR A VAPOR TIGHT SEAL. SIZE SHOWN ON DRAWINGS
RD-2	ZURN	ZC-100 RC	PRIMARY ROOF DRAIN DURA-COATED CAST IRON SUMP WITH COMBINATION MEMBRANE FLASHING CLAMP/GRAVEL GUARD WITH CAST IRON DOME (ZC). INSULATE ROOF DRAIN BODIES WITH 1" THICK INSULATION. TAPE ALL JOINTS FOR A VAPOR TIGHT SEAL. SIZE SHOWN ON DRAWINGS
DS-1	ZURN	Z199-DC	DOWNSPOUT COVER ROUND FABRICATED STAINLESS STEEL FRAME WITH FABRICATED SECURED PERFORATED STAINLESS STEEL HINGE STRAINER. TYPE 304 STAINLESS STEEL. SIZE SHOWN ON DRAWINGS
AC	————	————	AIR COMPRESSOR SUPPLIED BY OWNER. INSTALLATION AND MANUFACTURERS STARTUP KIT BY PLUMBING CONTRACTOR. SEE DETAIL #9 ON DRAWING (P602)

PLUMBING EQUIPMENT SCHEDULE

SYMBOL	MANUFACTURER	CATALOG #	DESCRIPTION
—— S ——	————	————	SANITARY PIPING, SCHEDULE 40 PVC, PVC FITTINGS WITH SOLVENT WELDED JOINTS BELOW GRADE. SERVICE WEIGHT CAST IRON HUBLESS PIPE WITH NEOPRENE GASKET, STAINLESS STEEL CLAMP AND SHIELD ASSEMBLY JOINTS 6" ABOVE GRADE. SCHEDULE 40 PVC WITH SOLVENT WELDED JOINTS 6" ABOVE GRADE MAY BE USED IN NON CEILING RETURN AIR PLENUM SPACES. SEE HVAC DRAWINGS. PVC MAY NOT BE USED IN HVAC CEILING RETURN AIR PLENUM SPACES.
— — V — —	————	————	VENT PIPING, SCHEDULE 40 PVC, PVC FITTINGS WITH SOLVENT WELDED JOINTS BELOW GRADE AND SERVICE WEIGHT CAST IRON HUBLESS PIPE WITH NEOPRENE GASKET, STAINLESS STEEL CLAMP AND SHIELD ASSEMBLY JOINTS 6" ABOVE GRADE. SCHEDULE 40 PVC WITH SOLVENT WELDED JOINTS 6" ABOVE GRADE MAY BE USED IN NON HVAC CEILING PLENUM SPACES. SEE HVAC DRAWINGS. PVC MAY NOT BE USED IN HVAC CEILING RETURN AIR PLENUM SPACES.
—— C ——	————	————	DOMESTIC COLD WATER PIPING, COPPER TYPE "L" WITH LEADFREE SOLDER JOINTS ABOVE GRADE AND COPPER TYPE "K" FOR UNDERGROUND PIPING. NO JOINTS PERMITTED BELOW GRADE. INSULATE UNDERGROUND WITH 1" THICK ELASTOMERIC INSULATION. INSULATE ALL ABOVE AND BELOW GROUND PIPING WITH ½" THICK FIBERGLASS PIPE INSULATION WITH VAPOR PROOF JACKET, TAPED JOINTS AND PVC FITTING COVERS. EXPOSED PIPING SHALL BE COVERED WITH PVC PIPE COVER AND PAINTED. (1) - COAT PRIMER, (2) COATS - PAINT. COLOR AS DIRECTED BY ARCHITECT
—— CW ——	————	————	DOMESTIC WATER SERVICE PIPING, UNDERGROUND PIPING DUCTILE IRON PIPE: AWWA C151, FITTINGS: DUCTILE IRON, STANDARD THICKNESS, JOINTS: AWWA C111, RUBBER GASKET WITH ¾ INCH DIAMETER RODS. INSULATE ALL ABOVE GROUND PIPING WITH ½" THICK FIBERGLASS PIPE INSULATION WITH VAPOR PROOF JACKET, TAPED JOINTS AND PVC FITTING COVERS.
—— H ——	————	————	DOMESTIC HOT WATER PIPING, COPPER TYPE "L" WITH LEADFREE SOLDER JOINTS ABOVE GRADE AND COPPER TYPE "K" FOR UNDERGROUND PIPING. NO JOINTS PERMITTED BELOW GRADE. INSULATE UNDERGROUND PIPING UP TO 1 ½" DIA WITH 1" AND PIPING ABOVE 1 ½" DIA USE 1 ½" THICK ELASTOMERIC INSULATION. INSULATE ALL ABOVE GROUND PIPING UP TO 1 ½" DIA WITH 1" AND PIPING ABOVE 1 ½" DIA USE 1 ½" THICK FIBERGLASS PIPE INSULATION WITH VAPOR PROOF JACKET, TAPED JOINTS AND PVC FITTING COVERS. EXPOSED PIPING SHALL BE COVERED WITH PVC PIPE COVER AND PAINTED. (1) - COAT PRIMER, (2) COATS - PAINT. COLOR AS DIRECTED BY ARCHITECT
—— R ——	————	————	DOMESTIC HOT WATER RECIRCULATION PIPING, COPPER TYPE "L" WITH LEADFREE SOLDER JOINTS ABOVE GRADE AND COPPER TYPE "K" FOR UNDERGROUND PIPING. NO JOINTS PERMITTED BELOW GRADE. INSULATE UNDERGROUND PIPING UP TO 1 ½" DIA WITH 1" AND PIPING ABOVE 1 ½" DIA USE 1 ½" THICK ELASTOMERIC INSULATION. INSULATE ALL ABOVE GROUND PIPING UP TO 1 ½" DIA WITH 1" AND PIPING ABOVE 1 ½" DIA USE 1 ½" THICK FIBERGLASS PIPE INSULATION WITH VAPOR PROOF JACKET, TAPED JOINTS AND PVC FITTING COVERS. EXPOSED PIPING SHALL BE COVERED WITH PVC PIPE COVER AND PAINTED. (1) - COAT PRIMER, (2) COATS - PAINT. COLOR AS DIRECTED BY ARCHITECT
—— CA ——	————	————	COMPRESSED AIR PIPING, SCHEDULE 40 GALVANIZED STEEL WITH SCREWED JOINTS AND FITTINGS A120 STANDARD WEIGHT.
—— FM ——	————	————	FORCED SANITARY MAIN PIPE, COPPER TYPE "L" WITH LEADFREE SOLDER JOINTS.
—— ST ——	————	————	STORM WATER PIPING, SCHEDULE 40 PVC, PVC FITTINGS WITH SOLVENT WELDED JOINTS. INSULATE ALL HORIZONTAL AND VERTICAL STORM WATER PIPING WITH 1" THICK FIBERGLASS INSULATION WITH VAPOR BARRIER COVER AND PVC FITTING COVERS. TAPE ALL JOINTS FOR A VAPOR TIGHT SEAL. ALL EXPOSED PIPING INSULATION SHALL BE COVERED WITH PVC PIPE JACKET. COLOR AS DIRECTED BY ARCHITECT.
CA	————	————	COMPRESSED AIR QUICK DISCONNECT FITTING. COORDINATE EXACT SIZE AND TYPE WITH FIRE DEPARTMENT.
⋈	NIBCO	————	BALL VALVE, BRONZE BODY, FULL PORT.
—U	————	————	TRAP
HR-1	HANNAY	N818-25-26-10.5B	WATER HOSE REEL, HEAVY-DUTY SERIES N800, ¾" ID HOSE - 70 FEET LENGTH FLEX TROL, 2000 PSI, ¾" HOSE CONNECTION WITH MOUNTING BRACKETS, HOSE INLET KIT, HOSE STOP KIT, STANDARD ROLLER POSITION. REEL SHALL HAVE NON-SPARKING RATCHET ASSEMBLY AND DECLUTCHING ARBOR. -40°F TO 400°F TEMPERATURE RANGE. EXACT LOCATION AND MOUNTING HEIGHT AS DIRECTED BY ARCHITECT.
	GILMOUR	855032-1001	HIGH PRESSURE (250 PSI) PROFESSIONAL GRADE, CLASSIC FIREMAN'S NOZZLE. DIE-CAST ZINC CONSTRUCTION WITH ADJUSTABLE SPRAY HEAD.
CAHR-1	HANNAY	N716-23-24-15.5G	COMPRESSED AIR HOSE REEL, HEAVY-DUTY SERIES N700, ¾" ID HOSE - 75 FEET LENGTH, 3000 PSI, ½" HOSE CONNECTION WITH MOUNTING BRACKETS, HOSE INLET KIT, HOSE STOP KIT, NON-SPARKING RATCHET ASSEMBLY, DECLUTCHING ARBOR. -60°F TO 250°F TEMPERATURE RANGE, STANDARD ROLLER POSITION, SWIVEL MOUNTING BRACKET (9908.9990) AND QUICK DISCONNECT AIR FITTING (AS SELECTED BY FIRE COMPANY). EXACT LOCATION AND MOUNTING HEIGHT AS DIRECTED BY ARCHITECT.
CAHR-2	HANNAY	N716-19-20-10.5J	COMPRESSED AIR HOSE REEL, HEAVY-DUTY SERIES N700, ¾" ID HOSE - 50 FEET LENGTH, 3000 PSI, ½" HOSE CONNECTION WITH MOUNTING BRACKETS, HOSE INLET KIT, HOSE STOP KIT, NON-SPARKING RATCHET ASSEMBLY, DECLUTCHING ARBOR, -60°F TO 250°F TEMPERATURE RANGE, TR (WALL-MOUNT) ROLLER POSITION, AND QUICK DISCONNECT AIR FITTING (AS SELECTED BY FIRE COMPANY). EXACT LOCATION AND MOUNTING HEIGHT AS DIRECTED BY ARCHITECT.
AEHR-1	COXREELS	C-L350-5012-A	DUAL PURPOSE HOSE REELS C-SERIES - COMPRESSED AIR/ELECTRIC HOSE REEL, SPRING DRIVEN, ⅜" ID HOSE - 50 FEET LENGTH, 300 PSI. ELECTRIC CORD 12/3 - 50 FEET SINGLE INDUSTRIAL RECEPTACLE - 20 AMP (115 VOLTS, 60 HZ, 1-PHASE). ½" HOSE CONNECTION WITH MOUNTING BRACKETS, HOSE INLET KIT, HOSE STOP KIT AND QUICK DISCONNECT AIR FITTING (AS SELECTED BY FIRE COMPANY). EXACT LOCATION AND MOUNTING HEIGHT AS DIRECTED BY ARCHITECT.
SA	ZURN	Z-1700 SERIES	WATER HAMMER ARRESTER, STAINLESS STEEL CONSTRUCTION, PRESSURIZED COMPRESSION CHAMBER, COMPLIANT WITH PDI STANDARD WH-201.
WC-1	AMERICAN STANDARD	3351.101	AFWALL MILLENIUM 1.28 ELONGATED WALL HUNG FLUSH VALVE TOILET. VITREOUS CHINA, DIRECT-FED SIPHON JET, 1½" TOP SPUD INLET, EXTRA HEAVY DUTY OPEN FRONT SEAT LESS COVER (AMERICAN STANDARD 5905.100), AND COMMERCIAL WALL MOUNT CARRIER WITH FLOOR MOUNTED FOOT SUPPORTS AND 500 POUND STATIC LOAD RATING. COLOR AS DIRECTED BY ARCHITECT. INSTALL FIXTURE IN ACCORDANCE WITH ANSI A117.1 AND ADA STANDARDS FOR HANDICAP ACCESSIBILITY.
	SLOAN	111 ESS-1.28	ADA COMPLIANT, HARD-WIRED, EXPOSED SENSOR OPERATED WATER CLOSET FLUSHOMETER, LOW CONSUMPTION (1.28 GPF) WITH EL-154 TRANSFORMER (120 VAC / 24 VAC) AND TRUE MECHANICAL OVERRIDE. 1" SUPPLY PIPE. 1½" SPUD COUPLING.
UR-1	AMERICAN STANDARD	6509.001	WASHBROOK URINAL CONSTRUCTED OF VITREOUS CHINA, ¾" TOP SPUD LOW CONSUMPTION (0.5 GPF). COMPLETE WITH COMMERCIAL WALL URINAL SUPPORT SYSTEM WITH FLOOR-MOUNTED UPRIGHTS, ZURN Z1222 OR EQUAL. COLOR AS DIRECTED BY ARCHITECT. INSTALL IN ACCORDANCE WITH ANSI A117.1 AND ADA STANDARDS FOR HANDICAP ACCESSIBILITY. COLOR AS DIRECTED BY ARCHITECT
	SLOAN	186 ESS-0.5	ADA COMPLIANT, HARD-WIRED, EXPOSED SENSOR OPERATED URINAL FLUSHOMETER, LOW CONSUMPTION (0.5 GPF) WITH EL-154 TRANSFORMER (120 VAC / 24 VAC) AND TRUE MECHANICAL OVERRIDE. ¾" SUPPLY PIPE. ¾" SPUD COUPLING.
L-1	AMERICAN STANDARD	0355.012	LUCERNE WALL HUNG LAVATORY VITREOUS CHINA, ADA, 4" CENTERS FAUCET HOLES, FLOOR MOUNTED CONCEALED ARM SUPPORT CARRIER, IPS TRUEBRO LAV GUARD INSULATION KIT. INSTALL IN ACCORDANCE WITH ANSI A117.1 AND ADA STANDARDS FOR HANDICAP ACCESSIBILITY. COLOR AS DIRECTED BY ARCHITECT.
	ZURN	Z1231	CONCEALED ARM SUPPORT CARRIER FOR WALL LAVATORIES WITH FLOOR-MOUNTED UPRIGHTS.
	SLOAN	ETF-600	ADA COMPLIANT, HARD-WIRED, OPTIMA ELECTRONIC HAND WASHING FAUCET 0.5 GPM MULIT-LAMINAR SPRAY HEAD. INFRARED SENSOR ACTIVATED WITH 4" CENTERS, SOLID BRASS SOLENOID, BOX TRANSFORMER 120 VAC/24 VAC. THERMOSTATIC MIXING VALVE (CONFORMS TO ASSE 1070/ASME A112.1070/CSA B125.70), FLEXIBLE STAINLESS BRAIDED WATER SUPPLIES, KEY OPERATED STOPS, CHROME OFFSET GRID DRAIN WITH OVERFLOW AND 17 GAUGE P-TRAP W/CLEANOUT. IPS TRUEBRO LAV GUARD INSULATION KIT. INSTALL IN ACCORDANCE WITH ANSI A117.1 AND ADA STANDARDS FOR HANDICAP ACCESSIBILITY - 120 VAC/24 VAC. FINISH AS DIRECTED BY ARCHITECT.
L-2	————	————	SOLID SURFACE COUNTERTOP WITH INTEGRAL SINK, REFER TO ARCHITECTURAL DRAWINGS. INSTALL IN ACCORDANCE WITH ANSI A117.1 AND ADA STANDARDS FOR HANDICAP ACCESSIBILITY. COLOR AS DIRECTED BY ARCHITECT.
	SLOAN	ETF-600	ADA COMPLIANT, HARD-WIRED, OPTIMA ELECTRONIC HAND WASHING FAUCET 0.5 GPM MULIT-LAMINAR SPRAY HEAD. INFRARED SENSOR ACTIVATED WITH 4" CENTERS, SOLID BRASS SOLENOID, BOX TRANSFORMER 120 VAC/24 VAC. THERMOSTATIC MIXING VALVE (CONFORMS TO ASSE 1070/ASME A112.1070/CSA B125.70), FLEXIBLE STAINLESS BRAIDED WATER SUPPLIES, KEY OPERATED STOPS, CHROME OFFSET GRID DRAIN WITH OVERFLOW AND 17 GAUGE P-TRAP W/CLEANOUT. IPS TRUEBRO LAV GUARD INSULATION KIT. INSTALL IN ACCORDANCE WITH ANSI A117.1 AND ADA STANDARDS FOR HANDICAP ACCESSIBILITY - 120 VAC/24 VAC. FINISH AS DIRECTED BY ARCHITECT.
L-3	————	————	SOLID SURFACE COUNTERTOP WITH INTEGRAL SINK, REFER TO ARCHITECTURAL DRAWINGS. INSTALL IN ACCORDANCE WITH ANSI A117.1 AND ADA STANDARDS FOR HANDICAP ACCESSIBILITY. COLOR AS DIRECTED BY ARCHITECT.
	CHICAGO FAUCETS	LC-20H-MPABCP	SINGLE HANDLE DECK MOUNTED, 4" CENTERS, VANDAL PROOF, ADA COMPLIANT, 0.5 GPM, KEY OPERATED STOPS, CHROME OFFSET GRID DRAIN WITH OVERFLOW AND 17 GAUGE P-TRAP W/CLEANOUT. FLEXIBLE STAINLESS BRAIDED WATER SUPPLIES, IPS TRUEBRO LAV GUARD INSULATION KIT. INSTALL IN ACCORDANCE WITH ANSI A117.1 AND ADA STANDARDS FOR HANDICAP ACCESSIBILITY - 120 VAC/24 VAC. FINISH AS DIRECTED BY ARCHITECT.
MS-1	FIAT	TSB-100	MOP SERVICE BASIN, PRECAST TERRAZZO (24" x 24" x 12" HIGH) WITH 3" DRAIN PIPE. FIXTURE SHALL BE COMPLETE WITH: STAINLESS STEEL STRAINER, STAINLESS STEEL WALL GUARD (MSG2424), MOP HANGER (889-CC), HOSE AND HOSE BRACKET (832-AA), SILICON SEALANT (833-AA) AND STAINLESS STEEL BUMPER-GUARD (E-88-AA).
	FIAT	830-AA	CHROME PLATED SERVICE FAUCET WITH METAL HANDLES, VACUUM BREAKER, PAIL HOOK, ADJUSTABLE WALL BRACE ¾" HOSE THREAD ON SPOUT, AND INTEGRAL STOPS.
TPU-1	MIFAB	MI-300-625 -120	ELECTRONIC TRAP SEAL PRIMER SYSTEM WITH ENCLOSURE, AIR GAP, SOLENOID VALVE, ADJUSTABLE TIMER AND MI-DU DISTRIBUTION UNIT (MI-DI-625) WITH (5) ¾" PIPE CONNECTIONS, CAP UNUSED PIPE CONNECTIONS - 120V/1. MOUNT UNIT AS DIRECTED IN FIELD BY ARCHITECT
TP-1	MIFAB	M-500, MI-DU MI-GAP	TRAP SEAL PRIMER WITH DISTRIBUTION UNIT TO SERVE UP TO FOUR (4) FLOOR DRAINS AND AIR GAP FITTING (MI-GAP).
NFHB-1	ZURN	Z1320XL	ENCASED, LEAD FREE, NON-FREEZE, ANTI-SIPHON, AUTOMATIC DRAINING WALL HYDRANT FOR FLUSH INSTALLATION WITH ¾" MALE HOSE CONNECTION, TYPE 304 STAINLESS STEEL HOUSING WITH LOCKING HINGED COVER, OPERATING KEY AND WALL CLAMP.
DF-1	ELKAY	LZSTL8WSLK	ezH20 BOTTLE FILLING STATION & VERSATILE BI-LEVEL ADA COOLER FILTERED ELECTRIC WATER COOLER. LIGHT GRAY. CHILLING CAPACITY OF 8 GALLONS PER HOUR OF 50°F DRINKING WATER AT 90°F AMBIENT. . ADA COMPLIANT, NSF 61 CERTIFIED. WATER COOLER PLATE TYPE SUPPORT SYSTEM WITH STEEL UPRIGHTS AND WELDED FEET, CANE APRON. QUARTER TURN CHROMED BRASS STOPS. ELECTRICAL: 115V/60Hz., 5.0 FULL LOAD AMPS, 370 WATTS
DF-2	ELKAY	LZ8WSSSMC	ezH2O REFRIGERATED SURFACE MOUNTED BOTTLE FILLING STATION FILTERED ELECTRIC WATER COOLER. STAINLESS STEEL FINISH. CHILLING CAPACITY OF 8 GAL



2 MECHANICAL - SECOND FLOOR DEMOLITION PLAN
SCALE: 1/8" = 1'-0"

1 MECHANICAL - FIRST FLOOR DEMOLITION PLAN
SCALE: 1/8" = 1'-0"

MECHANICAL PLAN DEMOLITION KEYED NOTES

#	DESCRIPTION (NOT ALL TAGS MAY APPEAR ON DRAWING)
1	DEMOLISH CEILING DIFFUSER AND ASSOCIATED DUCTWORK COMPLETE.
2	DEMOLISH RETURN REGISTER AND ASSOCIATED DUCTWORK COMPLETE.
3	DEMOLISH AIR HANDLER AND ALL ASSOCIATED DUCTWORK, REFRIGERANT PIPING AND CONTROLS COMPLETE.
4	DEMOLISH AIR HANDLER AND ALL ASSOCIATED REFRIGERANT PIPING AND CONTROLS COMPLETE. DEMOLISH DUCTWORK AS REQUIRED FOR UNIT REPLACEMENT.
5	DEMOLISH EXHAUST REGISTER AND ASSOCIATED DUCTWORK COMPLETE.
6	DEMOLISH GAS METER COMPLETE. COORINDATE REMOVAL OF GAS METER WITH UTILITY COMPANY.
7	DEMOLISH GAS PIPING BETWEEN METER AND POINT INDICATED COMPLETE. EXTEND/MODIFY EXISTING GAS PIPING AS REQUIRED TO CONNECT TO NEW GAS SERVICE.
8	DEMOLISH GAS PIPING BETWEEN STOVE AND POINT INDICATED COMPLETE. EXTEND/MODIFY EXISTING GAS PIPING AS REQUIRED TO CONNECT TO NEW GAS PIPING.
9	EXISTING CONCENTRIC VENT KIT TO BE RELOCATED. EXTEND/MODIFY EXISTING INTAKE AND FLUE PIPING AS REQUIRED FOR RELOCATION.
10	DEMOLISH GAS PIPING COMPLETE.
11	DEMOLISH GAS PIPING BETWEEN ROOFTOP UNIT AND POINT INDICATED COMPLETE.
12	DEMOLISH FINNED TUBE RADIATOR AND ASSOCIATED PIPING COMPLETE. CAP PIPING ABOVE CEILING.
13	<varies>
14	DEMOLISH CABINET UNIT HEATER AND ASSOCIATED PIPING COMPLETE. CAP PIPING ABOVE CEILING.
15	DEMOLISH LOUVER AND ALL ASSOCIATED DUCTWORK, DAMPERS, CONTROLS AND ETC. COMPLETE. COORDINATE WALL IN-FILL WITH GENERAL CONTRACTOR.
16	DEMOLISH GENERATOR FLUE PIPING AND ASSOCIATED MUFFLER COMPLETE. CAP PIPE AT CHIMNEY PENETRATION.
17	DEMOLISH GAS PIPING BETWEEN GENERATOR AND PROPANE TANK COMPLETE. COORDINATE WALL IN-FILL WITH GENERATOR CONTRACTOR.

MARLBOROUGH FIRE DISTRICT

MARLBORO HOSE CO. NO. 1
14 GRAND STREET,
MARLBORO, NY 12542

MARLBOROUGH FIRE STATION ADDITIONS AND RENOVATION

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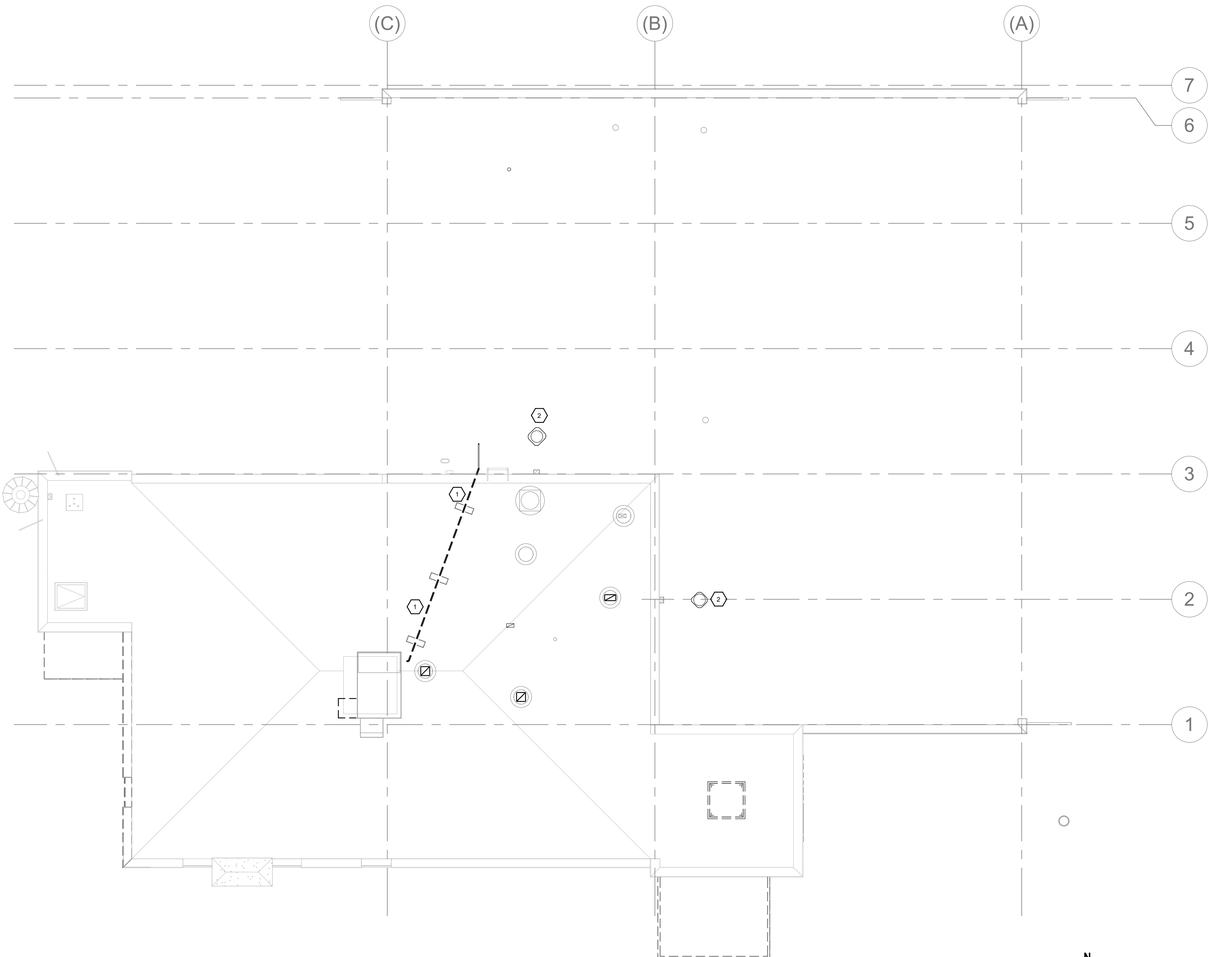
DWG. TITLE

MECHANICAL:
DEMOLITION PLANS

0 1" 2"
GENERIC SCALE BAR
SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING. IF NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY

DATE	06/15/2026
SCALE	1/8" = 1'-0"
DWN.	DC/KC CHK. JT
PROJ. No.	653001
DWG. No.	

MD101



1 MECHANICAL - ROOF DEMOLITION PLAN
SCALE: 1/8" = 1'-0"

N TRUE NORTH

MECHANICAL ROOF PLAN DEMOLITION KEYED NOTES

#	DESCRIPTION (NOT ALL TAGS MAY APPEAR ON DRAWING)
1	DEMOLISH GAS PIPING TO POINT INDICATED AND CAP.
2	DEMOLISH CONDENSING UNIT AND ALL ASSOCIATED PIPING COMPLETE.

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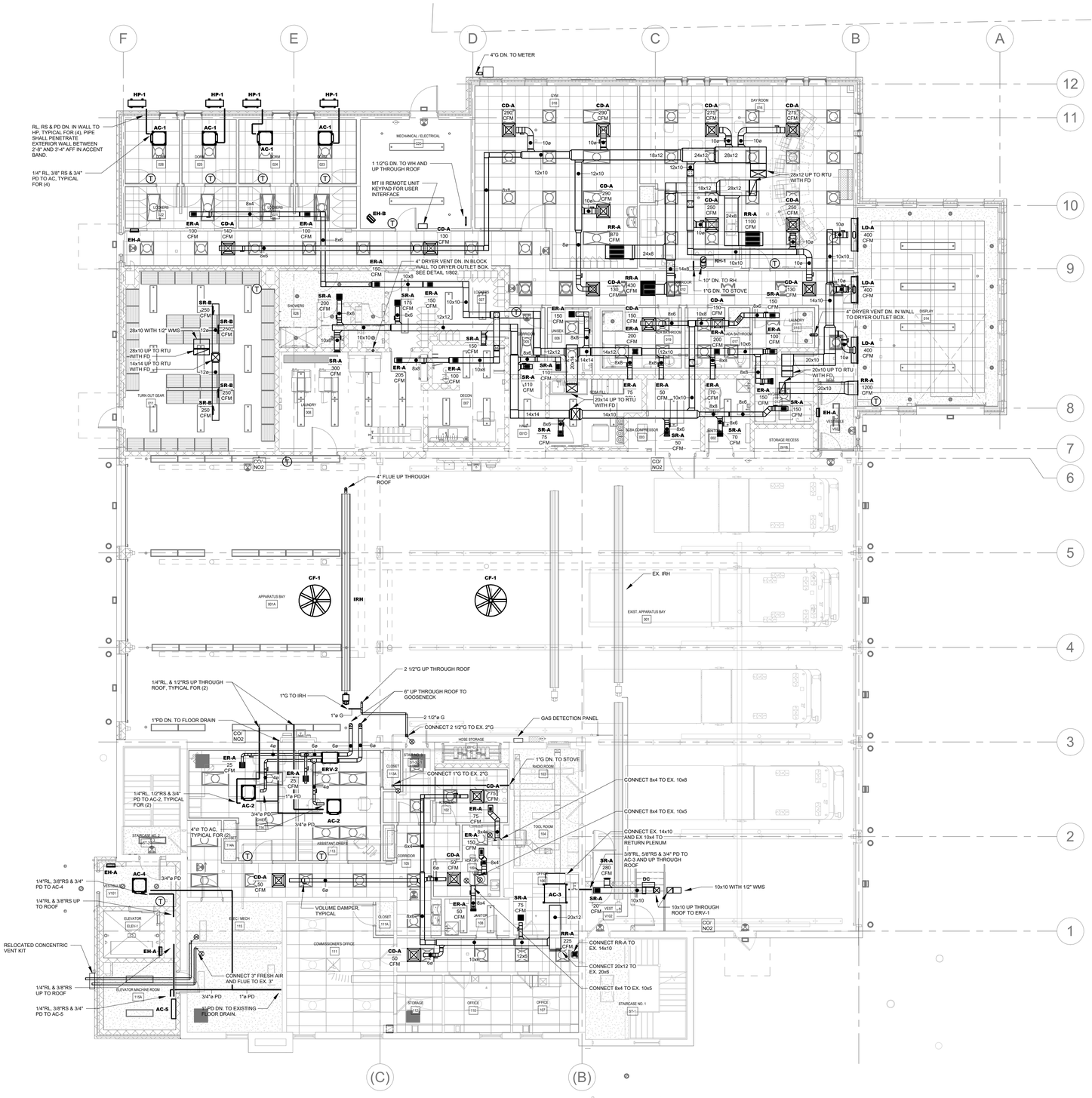
DWG. TITLE

MECHANICAL:
ROOF DEMOLITION PLAN

0 1" 2"
GENERIC SCALE BAR
SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING. IF NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY

DATE	06/15/2026
SCALE	1/8" = 1'-0"
DWN.	DC/KC
CHK.	JT
PROJ. No.	653001
DWG. No.	

MD102



1 MECHANICAL - FIRST FLOOR AND APPARATUS BAY PLAN
SCALE: 1/8" = 1'-0"

N TRUE NORTH

MARLBOROUGH FIRE DISTRICT

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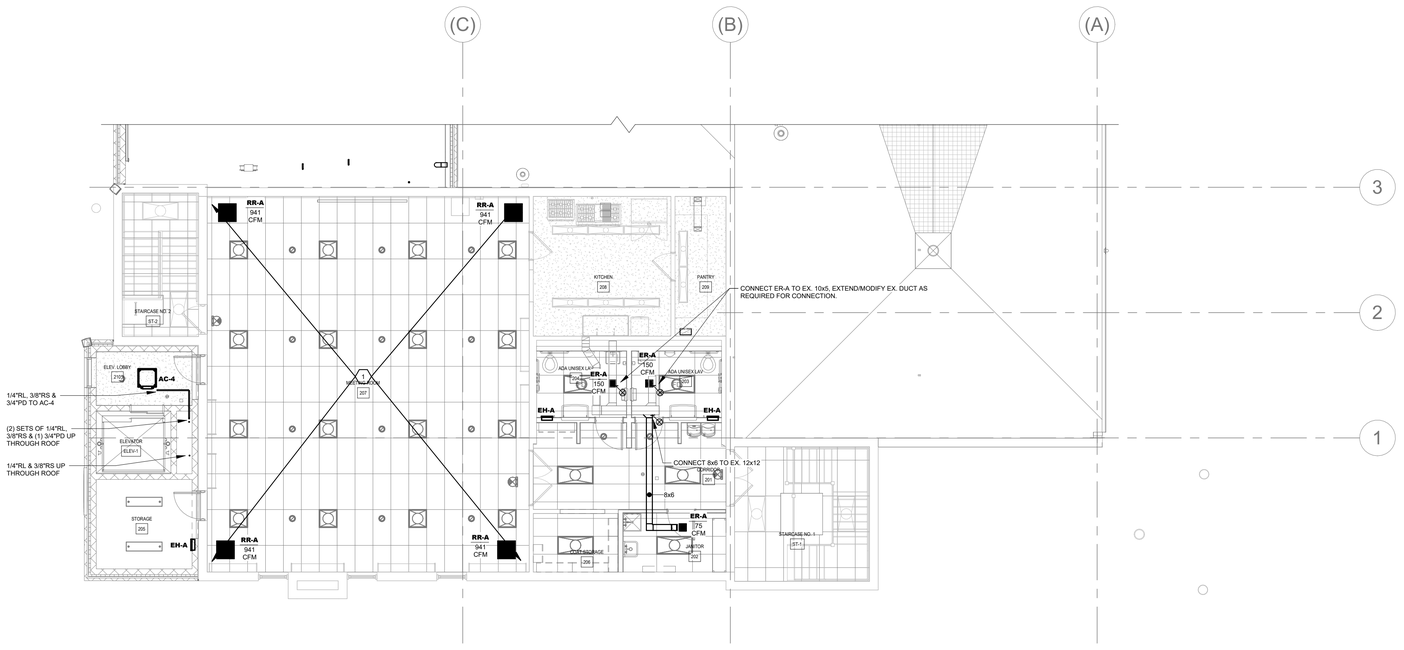
DWG. TITLE

MECHANICAL:
FIRST FLOOR AND APPARATUS BAY PLAN

0 1" 2"
GENERIC SCALE BAR
SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING. IF NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY

DATE	06/15/2026
SCALE	1/8" = 1'-0"
DWN.	DC/KC CHK. JT
PROJ. No.	653001
DWG. No.	M101

MECHANICAL PLAN KEYED NOTES	
#	DESCRIPTION (NOT ALL TAGS MAY APPEAR ON DRAWING)
1	REINSTALL EXISTING SUPPLY AND RETURN REGISTERS IN CEILING.



1 MECHANICAL - SECOND FLOOR PLAN
SCALE: 1/8" = 1'-0"

N TRUE NORTH

MARLBOROUGH FIRE DISTRICT

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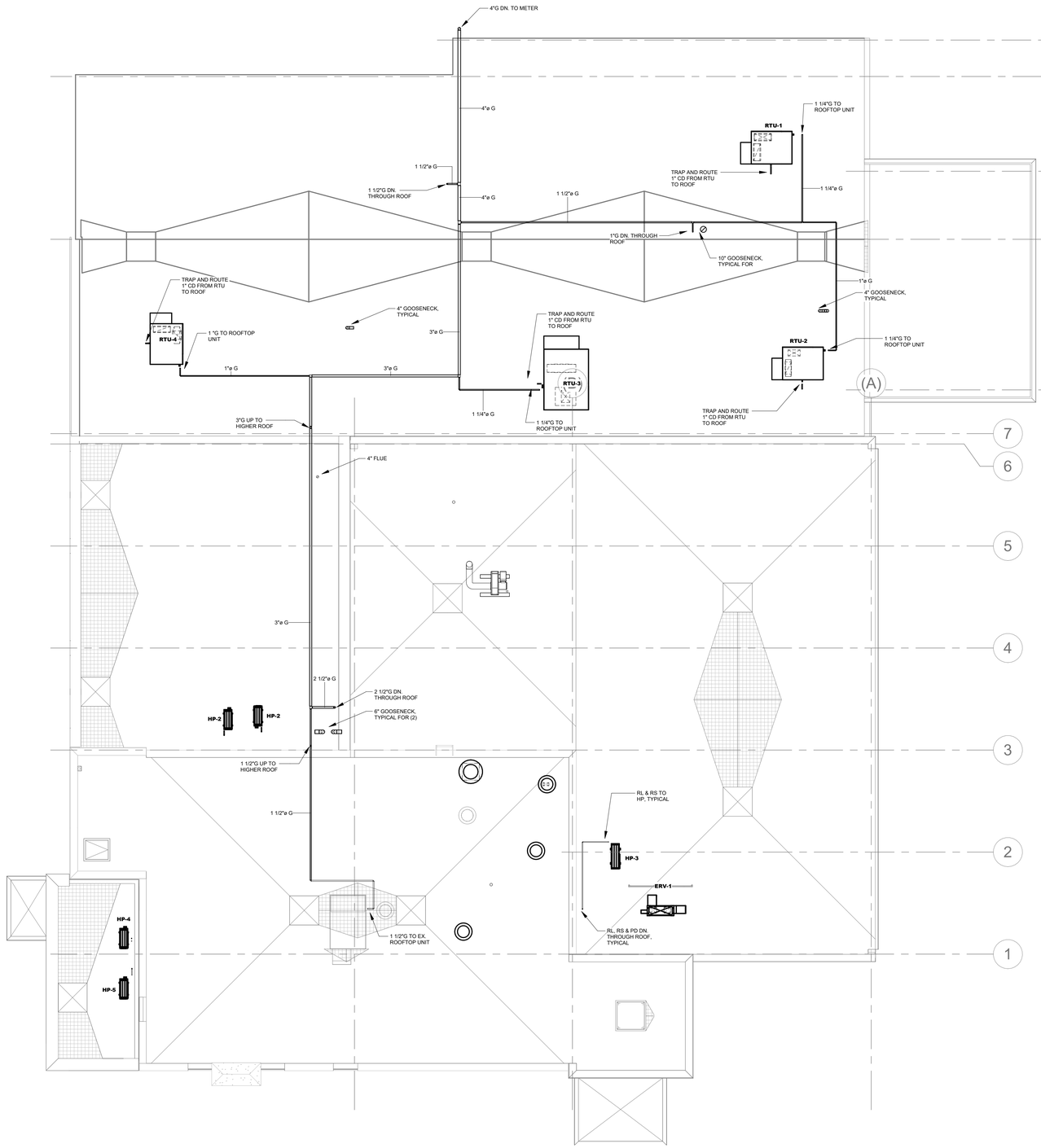
DWG. TITLE

MECHANICAL:
SECOND FLOOR PLAN

0 1" 2"
GENERIC SCALE BAR
SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING. IF NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY.

DATE	06/15/2026
SCALE	1/8" = 1'-0"
DWN.	DC/KC
CHK.	JT
PROJ. No.	653001
DWG. No.	

M102



1 MECHANICAL - ROOF PLAN
SCALE: 1/8" = 1'-0"

N TRUE NORTH

MARLBOROUGH FIRE DISTRICT

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14 GRAND STREET,
MARLBORO, NY 12542

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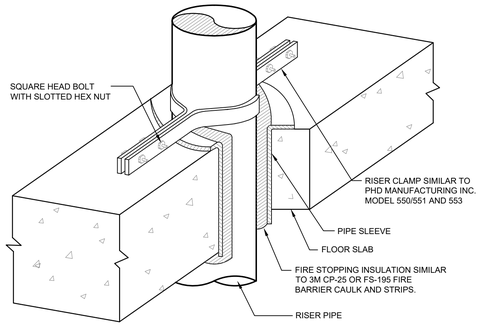
DWG. TITLE

MECHANICAL:
ROOF PLAN

0 1" 2"
GENERIC SCALE BAR
SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING. IF NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY

DATE	06/15/2026
SCALE	1/8" = 1'-0"
DWN.	DC/KC
CHK.	JT
PROJ. No.	653001
DWG. No.	

M103

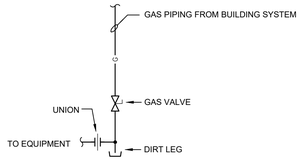


NOTES:

1) HOLES FOR PENETRATIONS SHALL BE CORE DRILLED.

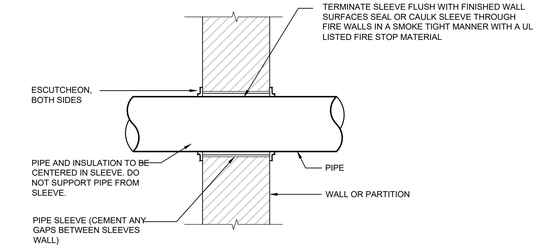
1 VERTICAL PIPE SUPPORT DETAIL

NOT TO SCALE



4 GAS PIPING CONNECTION DETAIL

NOT TO SCALE

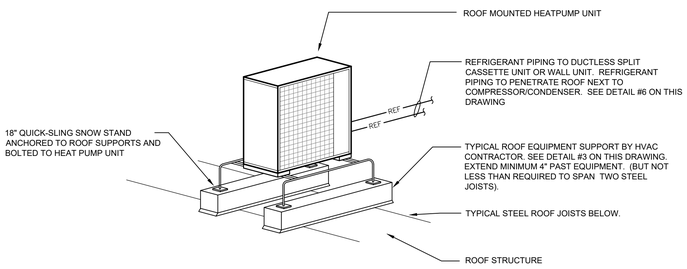


NOTE:

THIS DETAIL ALSO APPLICABLE TO INTERIOR NON-WATER PROOF FLOOR CONSTRUCTION. FOR WATER PROOF FLOOR CONSTRUCTION AND OTHER CONSTRUCTION - SEE ARCHITECTS SPECIFICATIONS. CONTRACTOR SHALL FOLLOW UL-LISTED STANDARD FOR WALL/PARTITION/FLOOR CONSTRUCTION MATERIAL TO ACHIEVE FIRE RATING.

7 FIRE RATED PARTITION AND WALL PENETRATION DETAIL

NOT TO SCALE

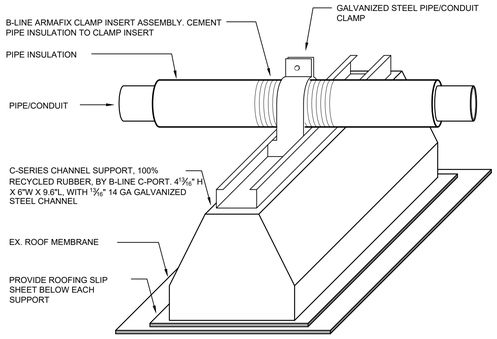


NOTES:

1. CONTRACTOR SHALL FURNISH & INSTALL REFRIGERANT PIPING TO CEILING CASSETTE DUCTLESS SPLIT. REFRIGERANT PIPING SHALL BE SIZED IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS BASED ON ELEVATION AND LENGTH OF PIPING. INSULATE REFRIGERANT PIPING WITH 1½" CELLULAR FOAM INSULATION AND PROVIDE STAINLESS STEEL PIPE COVER. REFRIGERANT PIPE SHALL BE COPPER TUBING TYPE ACR HARD DRAWN WITH WROUGHT COPPER FITTINGS AND SILVER BRAZED JOINTS. COVER OUTDOOR REFRIGERANT PIPING WITH ALUMINUM JACKET.
2. CONTRACTOR SHALL FURNISH AND INSTALL ROOF PIPE SUPPORTS. SEE DETAIL #5 ON THIS DRAWING.
3. UNIT LOCATION SHALL BE AS CLOSE AS POSSIBLE TO CENTERLINE OF JOIST BELOW.

2 ROOF MOUNTED HEAT PUMP UNIT DETAIL

NOT TO SCALE

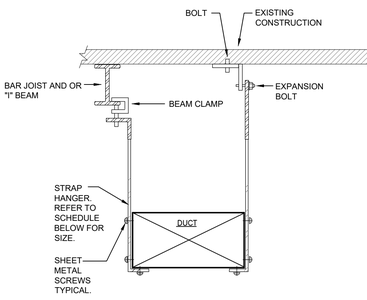


NOTES:

1. ALL BRACKETS, HANGERS, AND FASTENERS SHALL BE GALVANIZED STEEL.
2. CLAMP INSERT ASSEMBLY SHALL INCLUDE GALVANIZED STEEL PIPE CLAMP, ARMAFLEX INSULATION WITH PAINTED ALUMINUM JACKET, AND INTERIOR SUPPORTS.
3. USE ONLY MATERIALS COMPATIBLE WITH THE EXISTING ROOFING SYSTEM.

5 ROOF PIPE/CONDUIT SUPPORT DETAIL

NOT TO SCALE

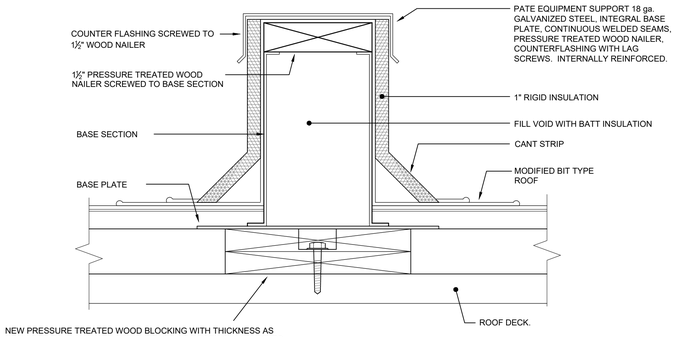


NOTES:

1) FOR DUCTS OVER 49" WIDE, THE STRAP HANGER SHALL BE TURNED UNDER THE BOTTOM OF THE DUCT.
2) WHERE EXISTING BUILDING STRUCTURAL COMPONENTS HAVE FIREPROOF MATERIAL, ANY AREA THAT IS DISTURBED OR DAMAGED AS A RESULT OF HANGER INSTALLATION SHALL BE PATCHED WITH UL AND FM APPROVED FIREPROOFING TO MATCH EXISTING.

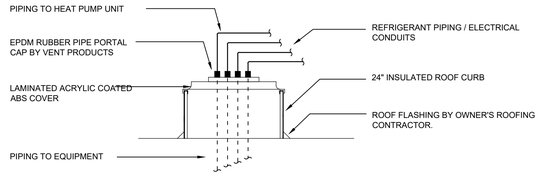
8 DUCT HANGER DETAIL

NOT TO SCALE



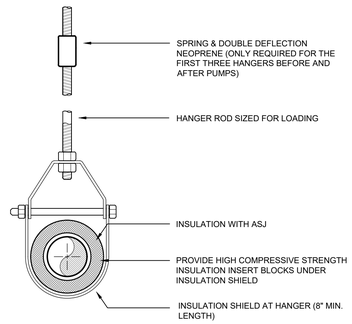
3 TYPICAL EQUIPMENT SUPPORT DETAIL

NOT TO SCALE



6 PIPE PORTAL DETAIL

NOT TO SCALE



9 PIPE HANGER DETAIL

NOT TO SCALE

MARLBOROUGH FIRE DISTRICT

MARLBORO HOSE CO. NO. 1
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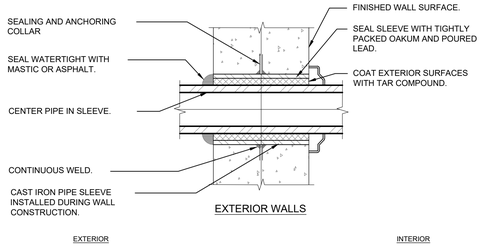
MECHANICAL:
DETAILS

0 1" 2"
GENERIC SCALE BAR
SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING. IF NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY

DATE	06/15/2026
SCALE	AS NOTED
DWN.	DC/KC
CHK.	JT
PROJ. No.	653001
	GA25057

DWG. No.

M601



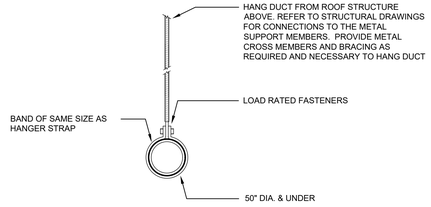
EXTERIOR WALLS

NOTE:

1. PIPE SLEEVE FOR EXTERIOR WALL ABOVE GRADE.

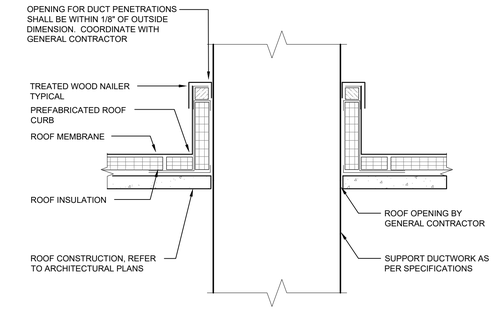
1 EXTERIOR WALL PIPE PENETRATION DETAIL

NOT TO SCALE



4 CONCEALED ROUND DUCT HANGER DETAIL

NOT TO SCALE

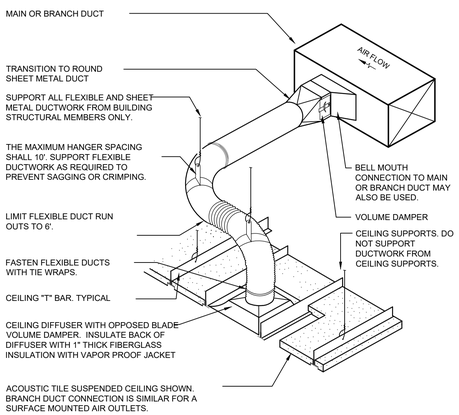


NOTES

1. INSULATED PREFABRICATED ROOF CURB SHALL BE BASED ON THYCURB MODEL TC-3. ROOF CURB SHALL BE CONSTRUCTED OF 18 GAUGE GALVANIZED STEEL WITH FULLY WELDED CORNERS, FACTORY INSTALLED WOOD NAILERS, REINFORCED SIDES, GASKETING, AND 1½" THICK 3-POUND DENSITY RIGID INSULATION. CURB HEIGHT SHALL BE 14" MINIMUM. ROOF CURB SHALL BE PROVIDED BY THE MECHANICAL CONTRACTOR AND INSTALLED BY THE GENERAL CONTRACTOR.
2. GENERAL CONTRACTOR SHALL MAKE PENETRATION WEATHER-TIGHT, REFER TO ARCHITECTURAL AND ROOFING DRAWINGS. REFER TO ARCHITECTURAL ROOF DETAILS FOR MORE INFORMATION.
3. THIS DETAIL SHALL BE USED FOR ALL DUCT PENETRATIONS THROUGH ROOF.

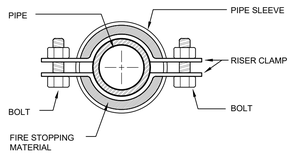
7 ROOF DUCT PENETRATION DETAIL

NOT TO SCALE



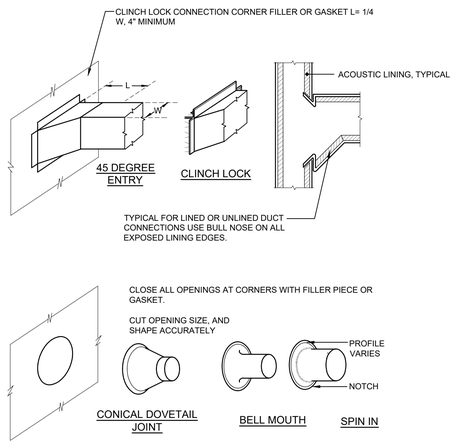
2 FLEXIBLE DUCT CONNECTION DETAIL

NOT TO SCALE



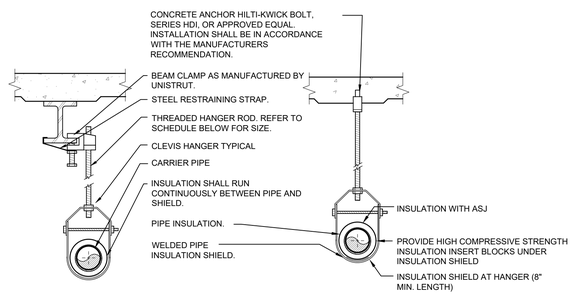
5 SUPPORT ANCHOR PIPE RISERS

NOT TO SCALE



3 DUCT BRANCH CONNECTION DETAIL

NOT TO SCALE



PIPE HANGER SCHEDULE					
PIPE DIA.	3/4"-2"	2 1/2"-3"	4"-5"	6"	8"-12"
HANGER DIA.	3/8"	1/2"	5/8"	3/4"	7/8"

NOTES:

1. CLEVIS HANGERS WITH WELDED INSULATION SHIELDS SIMILAR TO RAUCH FIG. 100SH ON ALL PIPES LARGER THAN 1".
2. FOR PIPES 1" OR SMALLER, A BAND HANGER WITH INSULATION SHIELD MAY BE USED SIMILAR TO RAUCH FIG. NO. 1ASH.
3. FOR NON-INSULATED PIPE, INSULATION SHIELDS MAY BE OMITTED.
4. ALL PIPE HANGERS SHALL BE GALVANIZED STEEL OR FACTORY PAINTED BLACK WITH ENAMEL.
5. FOR NON FERROUS PIPING WITHOUT INSULATION, ALL HANGERS SHALL BE COPPER PLATED OR FURNISHED WITH A DI-ELECTRIC BETWEEN PIPE AND HANGERS.
6. WHERE EXISTING BUILDING STRUCTURAL COMPONENTS HAVE FIREPROOF MATERIAL, ANY AREA THAT IS DISTURBED OR DAMAGED AS A RESULT OF HANGER INSTALLATION SHALL BE PATCHED WITH UL AND FM APPROVED FIREPROOFING TO MATCH EXISTING.

6 PIPE HANGER DETAIL

NOT TO SCALE

MARLBOROUGH FIRE DISTRICT

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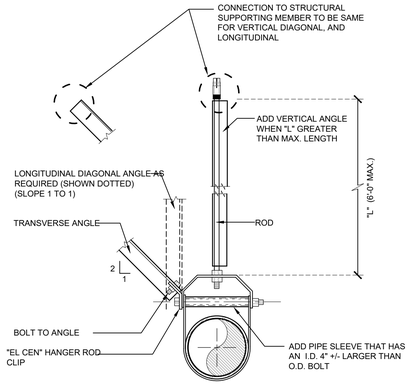
DWG. TITLE

MECHANICAL:
DETAILS

0 1" 2"
GENERIC SCALE BAR
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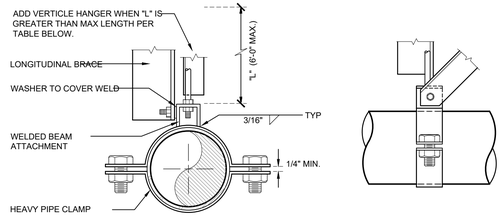
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CHK.	JT
PROJ. No.	653001 GA25057
DWG. No.	

M602



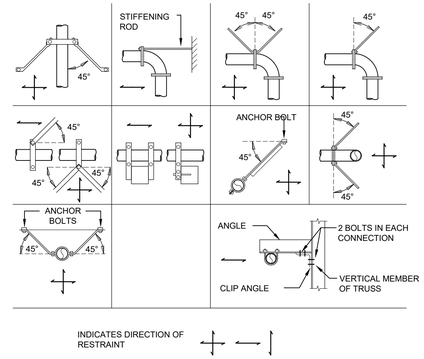
BRACE SPACING	PIPE	ROD	MAX. ROD LENGTH	VERT. HANGERS	TRANSVERSE HANGERS	BOLT
40'	2½"	½"	25"	2 x 2 x 16ga	2½" x 2½ x 16ga	⅜"
40'	3'	½"	25"	2 X 2 X 16ga	2½" X 2½ X 16ga	⅜"
40'	4'	⅝"	31"	2 X 2 X 16ga	2½" X 2½ X 16ga	⅜"
40'	6'	¾"	37"	2 X 2 X 16ga	2½" X 2½ X 16ga	⅜"
40'	8'	⅞"	43"	2 X 2 X 16ga	2½" X 2½ X 16ga	⅜"

1 TRANSVERSE SEISMIC PIPE BRACING
NOT TO SCALE

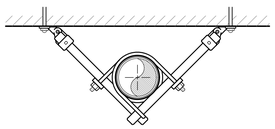


BRACE SPACING	PIPE	ROD	MAX. ROD LENGTH	VERT. HANGERS	TRANSVERSE HANGERS	BOLT
80'	2½"	½"	25"	2 x 2 x 16ga	2½" x 2½ x 16ga	⅜"
80'	3'	½"	25"	2 X 2 X 16ga	2½" X 2½ X 16ga	⅜"
80'	4'	⅝"	31"	2 X 2 X 16ga	2½" X 2½ X 16ga	⅜"
80'	6'	¾"	37"	2 X 2 X 16ga	2½" X 2½ X 16ga	⅜"
80'	8'	⅞"	43"	2 X 2 X 16ga	2½" X 2½ X 16ga	⅜"

3 LONGITUDINAL SEISMIC BRACING
NOT TO SCALE

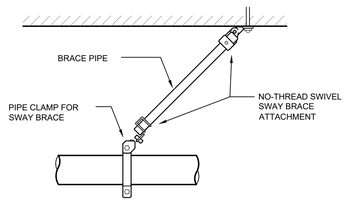


4 SEISMIC SWAY BRACING (GENERAL)
NOT TO SCALE

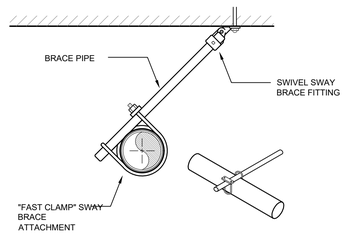


FAST CLAMP RISER BRACE





LONGITUDINAL EARTHQUAKE BRACE
NON–THREADED BRACE PIPE



LATERAL EARTHQUAKE BRACE
NON–THREADED BRACE PIPE

2 SEISMIC HANGER DETAIL
NOT TO SCALE

SEISMIC EQUIPMENT, DUCTWORK AND PIPE HANGER DESIGN

THE HVAC SYSTEM SHALL COMPLY WITH THE NEW YORK STATE UNIFORM FIRE PROTECTION AND BUILDING CODE, 2025 BUILDING CODE OF NEW YORK STATE SECTION 1613 AND APPLICABLE PROVISIONS OF ASCE 7 (ARCHITECTURAL, MECHANICAL AND ELECTRICAL COMPONENT SEISMIC DESIGN REQUIREMENTS).
HVAC CONTRACTOR SHALL HIRE NYS LICENSED PROFESSIONAL ENGINEER TO DESIGN AND PREPARE SHOP DRAWINGS WITH CALCULATIONS FOR EACH EQUIPMENT SUPPORT, CONDUIT SUPPORT, MULTIPLE PIPE SUPPORT, TRAPEZE AND SEISMIC RESTRAINT. SUBMIT SHOP DRAWINGS WITH CALCULATIONS TO ENGINEER FOR RECORD AND TO LOCAL AUTHORITY HAVING JURISDICTION FOR APPROVAL.

SEISMIC REQUIREMENTS:
BUILDING USE CATEGORY - IV
SEISMIC DESIGN CATEGORY - C

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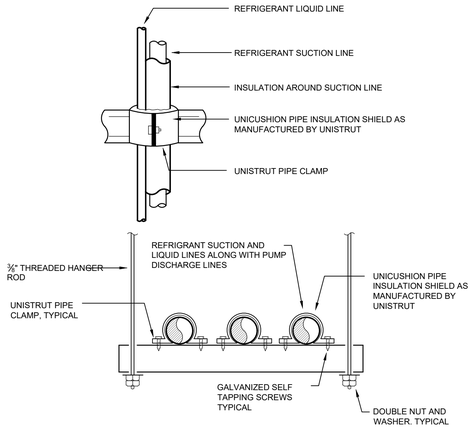
DWG. TITLE

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DETAILS

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PROJ. No.	653001		GA25057
DWG. No.			

M603

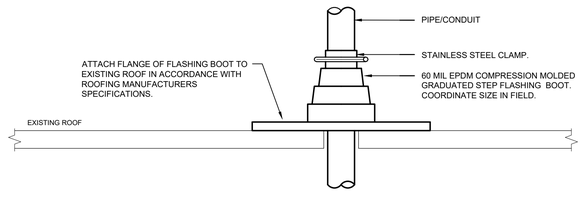


NOTES:

1. LIQUID AND SUCTION LINES MAY BE ROUTED TOGETHER FOR CONVENIENCE, BUT MUST BE COMPLETELY INSULATED FROM EACH OTHER. DO NOT SOLDER LIQUID AND SUCTION LINES TOGETHER. DO NOT ALLOW METAL TO METAL CONTACT.
2. LINES SHOULD BE INSTALLED WITH AS FEW BENDS AS POSSIBLE, ALLOWING SERVICE ACCESS TO THE INDOOR COIL.
3. USE LONG RADIUS ELBOWS WHEREVER POSSIBLE, EXCEPT IN OIL RETURN TRAPS, WHERE SHORT RADIUS ELBOWS SHOULD BE USED.
4. SLOPE HORIZONTAL SUCTION LINES 1 INCH EVERY 20 FEET TOWARD THE OUTDOOR UNIT.

1 REFRIGERANT PIPE SUPPORT DETAIL

NOT TO SCALE

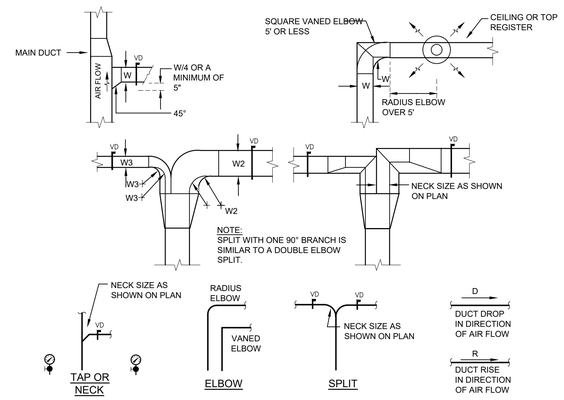


NOTES:

1. CONTRACTOR TO SELECT FLASHING BOOT BASED ON QUANTITY & SIZE OF PIPE PENETRATIONS. FLASHING BOOT SHALL PROVIDE A WATERTIGHT SEAL.
2. CLEAN AND PREPARE EXISTING ROOF SURFACE AS REQUIRED FOR INSTALLATION OF FLASHING BOOT AND IN ACCORDANCE WITH ANY SPECIAL REQUIREMENTS PER THE ROOFING MANUFACTURER.
3. COORDINATE QUANTITIES AND SIZES OF PIPE/CONDUIT PENETRATIONS IN THE FIELD WITH CAP AND BOOT REQUIREMENTS.
4. USE ONLY MATERIALS COMPATIBLE WITH THE EXISTING ROOFING SYSTEM.

2 ROOF PIPE/CONDUIT PENETRATION DETAIL

NOT TO SCALE

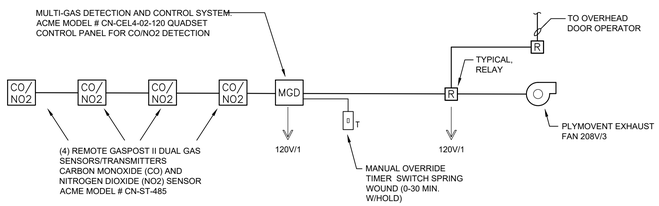


NOTES:

1. SINGLE LINE REPRESENTATIONS REFER TO DOUBLE LINE DETAILS.
2. USE RADIUS OR SQUARE VANED BENDS FOR BOTH ELBOWS AND SPLITS AS DETERMINED BY SPACE LIMITATIONS, AND THE DISTANCE FROM AIR OUTLETS.
3. ALL SQUARE ELBOWS SHALL HAVE FACTORY TURNING VANES, AND MAINTAIN A CONSTANT WIDTH.
4. WHERE DUCTS SPLIT, THE SOLID LINE REPRESENTATION IS PREFERRED, UNLESS PRECLUDED BY SPACE, OR OTHERWISE INDICATED.
5. USE ELBOW SPLIT FOR BRANCH CONNECTIONS ONLY WHERE NECK SIZE IS GIVEN.

3 DUCT BRANCH TAKE-OFF DETAIL

NOT TO SCALE

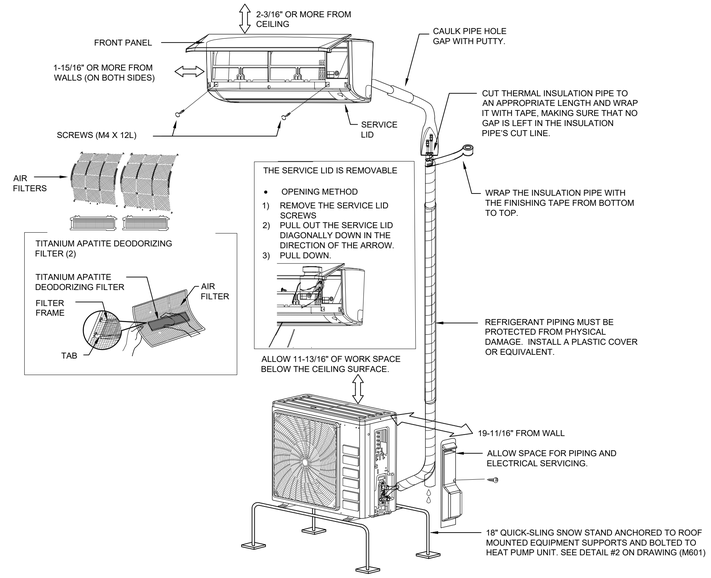


NOTES:

1. CONTRACTOR SHALL FURNISH AND INSTALL A MULTI-GAS DETECTION CONTROL SYSTEM WITH REMOTE DUAL GAS SENSORS/TRANSMITTERS CARBON MONOXIDE (CO) AND NITROGEN DIOXIDE (NO2) AND MANUAL OVERRIDE TIMER SWITCH, INCLUDING ALL CONDUITS, CONDUCTORS, RELAYS, JUNCTION BOXES, SENSORS, APPURTENANCES AND ALL NECESSARY EQUIPMENT TO MAKE SYSTEMS COMPLETE AND OPERABLE.
2. CONTRACTOR SHALL HIRE MANUFACTURER'S REPRESENTATIVE TO FURNISH COMPLETE EQUIPMENT, WIRING DIAGRAMS WITH SYSTEM OPERATING DESCRIPTION FOR ENGINEER'S APPROVAL. MANUFACTURER'S REPRESENTATIVE SHALL INSPECT SYSTEM INSTALLATION AND TEST ALL SENSORS AND OPERATION OF SYSTEM. SUBMIT REPORT ON FINDINGS TO ENGINEER FOR REVIEW.
3. ELEVATION OF SENSORS SHALL BE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND GENERALLY ACCEPTED INDUSTRY STANDARDS.

4 CARBON MONOXIDE (CO)/NITROGEN DIOXIDE (NO2) DETECTION SYSTEM

NOT TO SCALE



NOTES:

* BE SURE TO ADD THE PROPER AMOUNT OF ADDITIONAL REFRIGERANT. FAILURE TO DO SO MAY RESULT IN REDUCED PERFORMANCE.
** THE SUGGESTED SHORTEST PIPE LENGTH IS 10FT (3M), IN ORDER TO AVOID NOISE FROM THE OUTDOOR UNIT AND VIBRATION. (MECHANICAL NOISE AND VIBRATION MAY OCCUR DEPENDING ON HOW THE UNIT IS INSTALLED AND THE ENVIRONMENT IN WHICH IT IS USED.)

5 INDOOR/OUTDOOR UNIT INSTALLATION DETAIL

NOT TO SCALE

MARLBOROUGH FIRE DISTRICT

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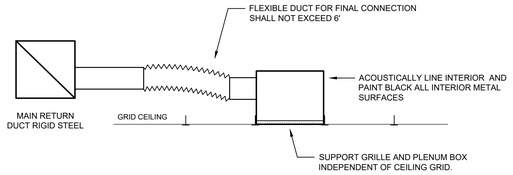
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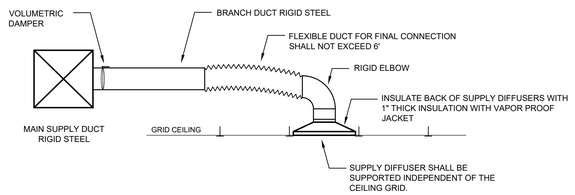
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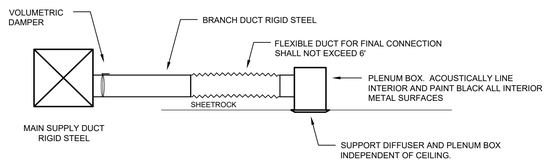
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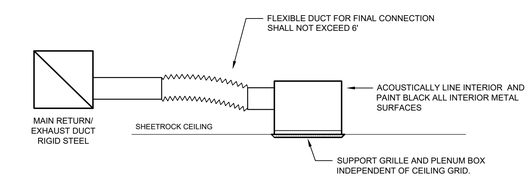
1 RETURN GRILLE LAY-IN DETAIL
NOT TO SCALE



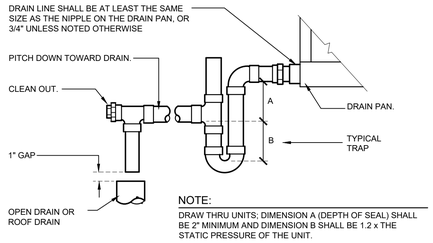
2 SUPPLY DIFFUSER LAY-IN DETAIL
NOT TO SCALE



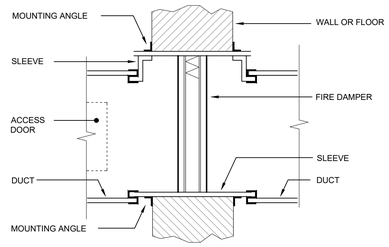
3 SUPPLY DIFFUSER SURFACE MOUNT DETAIL
NOT TO SCALE



4 RETURN GRILLE SURFACE MOUNT DETAIL
NOT TO SCALE



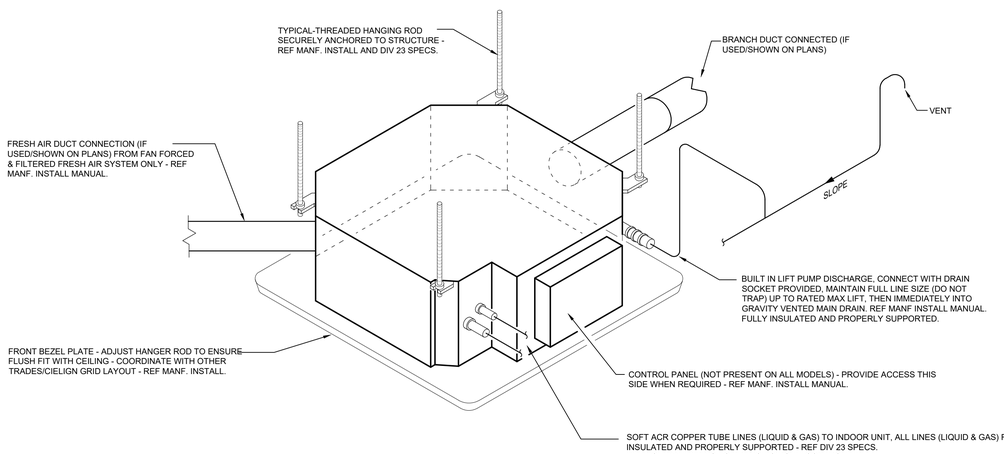
5 CONDENSATE DRAIN DETAIL
NOT TO SCALE



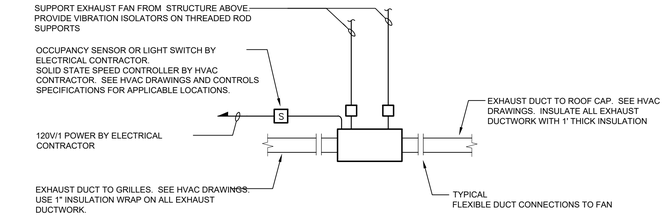
INSTALLATION REQUIREMENTS

1. REQUIREMENTS FOR AN APPROVED INSTALLATION INCLUDE THE FOLLOWING: OPENINGS IN THE FLOOR OR WALL SHALL BE ¼" PER FOOT LARGER THAN DAMPER DIMENSIONS (5/16" LARGER PER FOOT FOR STAINLESS). MINIMUM CLEARANCE OF ¼" REQUIRED FOR ANY INSTALLATION.
2. SLEEVE GAGE SHALL BE AT LEAST EQUAL TO THE GAGE OF THE DUCT AS DEFINED BY THE APPROPRIATE SMACNA DUCT CONSTRUCTION STANDARD, AS DESCRIBED IN NFPA90A. WHEN ONE OR MORE OF THE FOLLOWING DUCT CONNECTIONS ARE USED, PLAIN S SLIP, HEMMED S SLIP, STANDING S SLIP, REINFORCED STANDING S SLIP, INSIDE SLIP JOINT, OR DOUBLE S SLIP.
3. IF ANY OTHER DUCT SLEEVE CONNECTIONS ARE USED, THE SLEEVE SHALL BE MINIMUM 16 GAGE FOR DAMPERS UP TO 36" (W) x 24" (H) AND 14 GAGE IF WIDTH EXCEEDS 36" OR HEIGHT EXCEEDS 24".
4. MOUNTING ANGLES SHALL BE MINIMUM OF 1½" x 1½" x 14" GAGE AND BOLTED. TACK WELDED PR SCREWED TO SLEEVE AT MAXIMUM SPACING OF 12" AND WITH MINIMUM OF TWO CONNECTIONS IN EACH SIDE, TOP AND BOTTOM. MOUNTING ANGLES SHALL OVERLAP WALL A MINIMUM OF ONE INCH ON ALL FOUR SIDES.
5. DAMPER SHALL BE BOLTED, TACK WELDED, OR SCREWED TO SLEEVE ON SAME SPACING AS ANGLES. SLEEVES SHALL NOT EXTEND MORE THAN 6" OUTSIDE OF WALL.
6. IF GAP BETWEEN DUCT/SLEEVE AND CONSTRUCTION IS 1" OR LESS, PACK SPACE WITH FIREPROOF FIBROUS MATERIAL AND SEAL BOTH SIDES WITH NON-HARDENING FIREPROOF SEALER. IF GAP EXCEEDS 1", WRAP DUCT WITH 1" THICK FIREPROOF FIBROUS MATERIAL AND FILL REMAINING SPACE WITH GROUT.

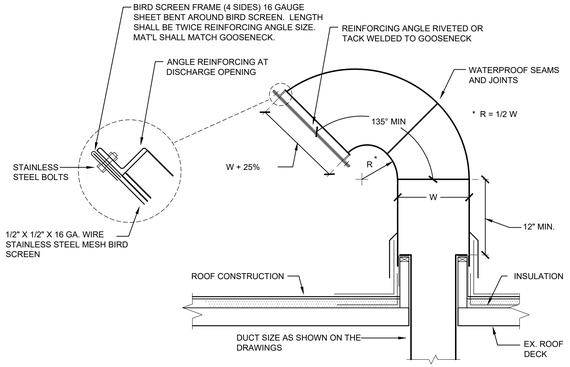
6 FIRE DAMPER DETAIL
NOT TO SCALE



7 CEILING CASSETTE DUCTLESS SPLIT UNIT DETAIL
NOT TO SCALE



8 INLINE EXHAUST FAN DETAIL
NOT TO SCALE



NOTES

1. REFER TO ROOF DUCT PENETRATION DETAIL FOR ROOF CURB INFORMATION.
2. GENERAL CONTRACTOR SHALL MAKE PENETRATION WEATHER-TIGHT. REFER TO ARCHITECTURAL AND ROOFING DRAWINGS. REFER TO ARCHITECTURAL ROOF DETAILS FOR MORE INFORMATION.
3. EXPOSED DUCTWORK SHALL BE PREPARED, PRIMED AND PAINTED BY GENERAL CONTRACTOR. COLOR SHALL BE AS SELECTED BY THE ARCHITECT.
4. SEAL ALL EXTERIOR DUCTWORK IN ACCORDANCE WITH SMACNA HVAC DUCT CONSTRUCTION STANDARDS METAL AND FLEXIBLE SEAL CLASS A. SEAL ALL DUCT JOINTS AND MAKE WATER-TIGHT.

9 GOOSENECK DETAIL
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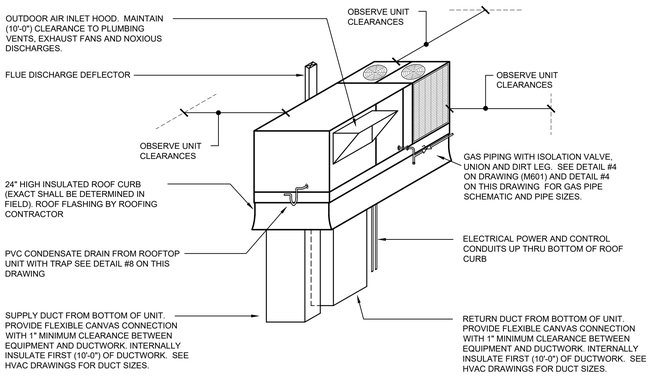
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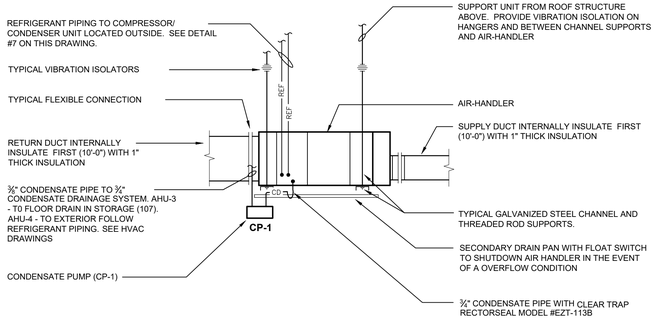
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1 ROOFTOP UNIT DETAIL

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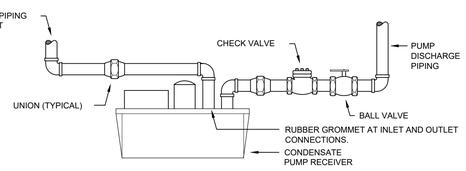


NOTE:

THIS DETAIL CONTAINS THE BASIC ELEMENTS AND EQUIPMENT FOR HORIZONTAL AIR-HANDLER UNITS. THE CONFIGURATION OF DUCTS AND CONNECTIONS TO AIR-HANDLER UNITS WILL VARY. SEE HVAC DRAWINGS.

2 HORIZONTAL AIR HANDLING UNIT DETAIL

NOT TO SCALE



3 CONDENSATE PUMP PIPING SCHEMATIC

NOT TO SCALE

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MECHANICAL EQUIPMENT SCHEDULE

SYMBOL	MANUFACTURER	CATALOG #	DESCRIPTION
CD-A	KRUEGER	1400	STEEL HIGH PERFORMANCE CEILING DIFFUSER. MAXIMUM CORE VELOCITY: 550 FPM. MAXIMUM NOISE CRITERIA: 30 NC. SURFACE MOUNTED WITH FRAMES AND BORDERS SUITABLE FOR THE CONSTRUCTION IN WHICH THEY WILL BE INSTALLED, CONTRACTOR TO COORDINATE. BAKED ENAMEL FINISH, COLOR SELECTED BY ARCHITECT. 4-WAY DEFLECTION UNLESS OTHERWISE NOTED ON PLANS. 24" x 24" MODULE SIZE. ALL DIFFUSERS SHALL BE EQUIPPED WITH OPPOSED BLADE VOLUME DAMPER. CFM RANGE: / NECK SIZE: 0-100 → 6"Ø 101-200 → 8"Ø 201-300 → 10"Ø 301-450 → 12"Ø 451-650 → 14"Ø 651-825 → 15"Ø
RR-A **ER-A** **ER-B**	KRUEGER	S80H/S580	STEEL RETURN/EXHAUST REGISTER WITH ¾" FIXED BLADE SPACING. MAXIMUM CORE VELOCITY: 500 FPM. MAXIMUM NOISE CRITERIA: 25 NC. SURFACE MOUNTED 35° FIXED DEFLECTION BLADES. BLADES PARALLEL TO LONG DIMENSION UNLESS OTHERWISE NOTED. BAKED ENAMEL FINISH, COLOR SELECTED BY ARCHITECT. REGISTERS SHALL HAVE FRAMES AND BORDERS SUITABLE FOR THE CONSTRUCTION IN WHICH THEY WILL BE INSTALLED, CONTRACTOR TO COORDINATE. REGISTERS SHALL BE PROVIDED WITH OPPOSED BLADE VOLUME DAMPERS. UNLESS OTHERWISE NOTED ON PLANS REGISTERS AND GRILLES SHALL BE SIZED PER SCHEDULE. ER-B ONLY, SHALL BE S580 (ALUMINUM CONSTRUCTION). CFM RANGE: / NECK SIZE: 0-150 → 8"x8" 151-250 → 10"x10" 251-350 → 12"x12" 351-725 → 18"x18" 726-1125 → 24"x24"
LD-A	KRUEGER	DFL15	DOUBLE SLOT ALUMINUM LINEAR DIFFUSER. MAXIMUM CORE VELOCITY: 550 FPM. MAXIMUM NOISE CRITERIA: 25 NC. SURFACE MOUNTED WITH FRAMES AND BORDERS SUITABLE FOR THE CONSTRUCTION IN WHICH THEY WILL BE INSTALLED, CONTRACTOR TO COORDINATE. COLOR SELECTED BY ARCHITECT. HORIZONTAL THROW PATTERN CONTROLLER. SLOTS SHALL BE 1½" WIDE. PROVIDE END ALIGNMENT STRIPS, MITERED CORNERS. LD-A SHALL HAVE NOMINAL LENGTH OF 4'-0"
EH-A	BERKO	FRC4020FNW	ARCHITECTURAL, HEAVY-DUTY, FAN FORCED WALL HEATER. CAPACITY: 2000 WATTS, 6825 BTUH, 100 CFM. ELECTRICAL: 208V/1Ø, 9.6 AMPS. FINISH SHALL BE NORTHERN WHITE. HEATER SHALL HAVE: CONCEALED TAMPER-PROOF THERMOSTAT, MANUAL RESET THERMAL CUT-OUT, CONCEALED POWER ON/OFF SWITCH, BACK BOX, SURFACE MOUNTING FRAME, DISCONNECT SWITCH, AND 16 GAUGE BAR GRILLE.
EH-B	BERKO	HUHAA1520	HORIZONTAL/VERITCAL UNIT HEATER. CAPACITY: 15,000 WATTS, 51,180 BTUH, 910 CFM. ELECTRICAL: 208V/3Ø, 42 AMPS. ARCHITECT TO SELECT FINISH. HEATER SHALL HAVE: CONCEALED TAMPER-PROOF THERMOSTAT, MANUAL RESET, TWO-STAGE ELEMENT CONTROL, BIRD SCREEN, INDIVIDUAL ADJUSTABLE LOUVERS WITH 30° DOWNWARD STOPS, 18 GAUGE CABINET, WALL SWIVEL MOUNTING BRACKETS, AND DISCONNECT SWITCH.
FD	RUSKIN	DIBD2	1-1/2 HOUR UL555 RATED, SUITABLE FOR INSTALLATION IN WALL AND FLOOR PARTITIONS WITH FIRE RATINGS OF LESS THAN 3 HOURS. DAMPER SHALL BE A COMPLETE FACTORY PACKAGE INCLUDING UL APPROVED ANGLES, WALL SLEEVE, AND BREAKAWAY CONNECTIONS. DAMPER SHALL BE RATED FOR DYNAMIC AIRFLOW CONDITIONS OF 2,000 FPM AND 4.0" ESP. 165°F FUSIBLE LINK. ALL FIRE DAMPERS IN DUCTWORK SERVING AUDITORIUM SHALL HAVE BLADES OUT OF AIRSTREAM.
IRH	SPACERAY	NXS110-30	SINGLE STAGE, GAS FIRED INFRARED HEATER. HEATER SHALL HAVE TOTAL TUBE LENGTH OF 30 FEET WITH 13" REFLECTOR WIDTH AND 7" REFLECTOR HEIGHT. INPUT OF 175,000 BTUH WITH GROSS RADIANT EFFICIENCY OF 62. MOUNTING HEIGHT OF 15 FEET. UNIT SHALL BE COMPLETE WITH: COMBUSTION AIR CAP (SIMILAR TO SPACE-RAY MODEL 5070), EXHAUST HOOD (SIMILAR TO SPACE-RAY PART NO 42924000), LISTED STAINLESS STEEL FLEXIBLE GAS CONNECTOR, LINE PRESSURE REGULATOR, DIGITAL SETBACK THERMOSTAT, THERMOSTAT RELAY KIT, AND CHAIN KITS.
M	RUSKIN	CD40	UNLESS PROVIDED WITH A SPECIFIC PIECE OF EQUIPMENT MOTORIZED DAMPERS SHALL BE CONSTRUCTED OF 4" DEEP EXTRUDED ALUMINUM AIRFOIL DAMPER BLADES. DAMPER SHALL HAVE OPPOSED BLADES, MOTOR AND LINKAGE. PROPORTIONAL DAMPER ACTUATORS SHALL BE 24VAC/60Hz., MAXIMUM 6 WATTS RUNNING AND 2 WATTS HOLDING POWER CONSUMPTION, COMPLETE WITH DISCONNECT SWITCH AND END SWITCH KITS, SIMILAR TO BELIMO NF24-SR.
EQUIPMENT SUPPORT RAILS	THYBAR	TEMS-3	24" HIGH EQUIPMENT SUPPORT RAIL CONSTRUCTED OF WELDED 18 GAUGE GALVANIZED STEEL SHELL, BASE PLATE AND COUNTER FLASHING WITH FACTORY INSTALLED 2"x4" WOOD NAILERS AND INTERNAL BULKHEAD REINFORCEMENT. RAIL LENGTH TO EXTEND 6" ON BOTH ENDS OF EQUIPMENT. EQUIPMENT SUPPORT RAILS SHALL BE PROVIDED BY THE MECHANICAL CONTRACTOR AND INSTALLED BY THE GENERAL CONTRACTOR.
GDP	SPECIFIED CONTROLS	M-CONTROLLER	MULTI-CHANNEL, DIGITAL-ANALOG, GAS DETECTION CONTROL SYSTEM AND ALARM UNIT WITH THE CAPABILITY OF INTERFACING WITH A MAXIMUM OF (32) REMOTE DIGITAL TRANSMITTERS/SENSORS AND (8) ANALOG TRANSMITTERS/SENSORS. THE CONTROLLER ENCLOSURE SHALL BE NEMA 1 WITH LED STATUS LIGHTS, KEYPAD, AND TWO LINE 16 CHARACTER BACK-LIT LCD DISPLAY. THE CONTROLLER SHALL SUPPLY 24 VOLTS TO ALL SPACE SENSORS. THE CONTROLLER SHALL BE COMPLETE WITH A ANALOG OUTPUT CARD THAT INCLUDES (8) 4-20 aM ANALOG OUTPUTS, 120 VOLT TO 24 VOLT TRANSFORMER (MODEL TR100VA001), (4) CARBON MONOXIDE SENSORS (MODEL Q5), (4) NITROGEN DIOXIDE SENSORS (MODEL Q5), RELAY OUTPUTS FOR CONNECTION TO EXHAUST SYSTEM OPERATION, AND LED CONTINUOUS/FLASHING LIGHT WITH HORN (MODEL TWS). MOUNTING HEIGHTS OF SENSORS SHALL BE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
ERV-1	RENEWAIRE	HE07-JRTV	ENERGY RECOVERY VENTILATOR WITH EC MOTOR, STATIC PLATE, HEAT AND HUMIDITY TRANSFER, NEMA 1 DISCONNECT SWITCH, 24 VOLT TRANSFORMER/RELAY PACKAGE, DOUBLE WALL CONSTRUCTION, MERV-8 FILTERS (PROVIDE 1 SPARE SET), AND INTEGRATED PROGRAMMABLE CONTROLS. ELECTRICAL: 208V/1ϕ/60Hz, 170 WATT EC MOTOR FOR FRESH AIR AT 1.16 FLA, 170 WATT EC MOTOR FOR EXHAUST AIR AT 1.16 FLA, 2.6 MCA, 15 AMPS MOCP. FRESH AIR SUPPLY: 300 CFM AT 0.5" ESP. EXHAUST AIR: 300 CFM AT 0.5" ESP. WINTER PERFORMANCE: 70.0°F RA AT 35% RH, -2.0° OUTSIDE AIR, 53.3°F DB/41.7°F WB FRESH AIR, 23,328 BTUH ORIGINAL SENSIBLE, 17,920 BTUH SENSIBLE RECOVERED, 5,408 BTUH LATENT ORIGINAL, 3,684 BTUH LATENT RECOVERED. SUMMER PERFORMANCE: 75°F DB RA AT 55% RH, 93.0°F DB/75.0°F WB, 79.2°F DB/67.8°F WB, 5,832 BTUH SENSIBLE ORIGINAL, 4,480 BTUH SENSIBLE RECOVERED, 8,168 BTUH LATENT ORIGINAL, 3,988 BTUH LATENT RECOVERED.
DC	RENEWAIRE	EK-1010003	SCR CONTROLLED WITH INTEGRAL THERMOSTAT, FLANGED TYPE ELECTRIC DUCT COIL: DUCT SIZE: 10x10. HEATING CHARACTERISTICS: 300 CFM, EAT=53.3°F, LAT=84.8°F, 3KW, 10,240 BTUH HEATING CAPACITY - 208V/1, 10.41 MCA, AND 15 MOCP. COIL SHALL BE COMPLETE WITH DISCONNECTING CONTACTORS, AIR PRESSURE SWITCH, PRIMARY AND SECONDARY OVER TEMPERATURE PROTECTION, LINE AND CONTROL TERMINAL BLOCKS, 24V CONTROL TRANSFORMER, DOOR-INTERLOCK DISCONNECT SWITCH (NON-FUSED), ELECTRIC FAN INTERLOCK RELAY AND HINGED LID. CONTRACTOR SHALL PROVIDE AND INSTALL ACCESS DOOR IN DUCTWORK UPSTREAM OF COIL
ERV-2	RENEWAIRE	SL75H	ENERGY RECOVERY VENTILATOR WITH EC MOTOR. CLASS I LOW LEAKAGE BACKDRAFT DAMPERS FOR FRESH AIR AND RETURN AIR, STATIC PLATE, HEAT AND HUMIDITY TRANSFER, HARD WIRE JUNCTION BOX, 24 VOLT TRANSFORMER/RELAY PACKAGE, DOUBLE WALL CONSTRUCTION, BACKDRAFT DAMPERS, MERV-8 FILTERS (PROVIDE 1 SPARE SET), AND DIGITAL TIME CLOCK. ELECTRICAL: 120V/1ϕ/60Hz, EC MOTOR FOR FRESH AIR AT 0.85 FLA, EC MOTOR FOR EXHAUST AIR AT 0.8 FLA, 10 MCA, 15 AMPS MOCP. FRESH AIR SUPPLY: 50 CFM AT .25" ESP. EXHAUST AIR: 50 CFM AT 0.25" ESP. WINTER PERFORMANCE: 70.0°F RA AT 35% RH, 0.0°F OUTSIDE AIR, 55.4°F DB/42.4°F WB FRESH AIR, 3,780 BTUH ORIGINAL SENSIBLE, 2,992 BTUH SENSIBLE RECOVERED, 763 BTUH LATENT ORIGINAL, 494 BTUH LATENT RECOVERED. SUMMER PERFORMANCE: 75°F DB RA AT 50% RH, 91.0°F DB/73.2°F WB, 78.3°F DB/66.7°F WB, 1,926 BTUH SENSIBLE ORIGINAL, 684 BTUH SENSIBLE RECOVERED, 1,062 BTUH LATENT ORIGINAL, 533 BTUH LATENT RECOVERED.
RH-1	DENLAR	D1036-D-IF	KITCHEN RANGE HOOD, FIRE PROTECTION SERIES, 304 STAINLESS STEEL, 7'Ø TOP DISCHARGE, REMOTE WALL MOUNTED FAN, BACKDRAFT DAMPER MOUNTED ON FAN OUTLET, DUCT ADAPTERS 7'Ø TO 10'Ø, PRE-WIRED FOR REMOTE SWITCH AT COUNTER, 470 CFM WITH VARIABLE SPEED SWITCH. WET CHEMICAL POTASSIUM CIRTRATE/ACETATE FIRE SUPRESSION SYSTEM PRE-INSTALLED IN HOOD. AUTOMATIC SUPPRESSION ACTIVATION SHALL BE BY 212°F RATED FUSIBLE LINKS. UNIT SHALL AUTOMATICALLY DISCONNECT RANGE ELECTRIC AND GAS WHEN PRESET TEMPERATURE IS REACHED, OR UPON SYSTEM DISCHARGE, VIA (ELEC) RELAY AND GAS SOLENOID VALVE. UNIT SHALL HAVE TWO ALARM CONNECTION TERMINALS PREINSTALLED (LOCAL AND REMOTE) WITH AN INTERNAL PIEZO BUZZER. LAMP: (1) SHATTER PROOF A19-60 WATT - 120V/1. COORDINATE KITCHEN HOOD SUPPRESSION SYSTEM WITH FIRE ALARM CONTRACTOR. FURNISH & INSTALL REMOTE SWITCH FOR HANDICAP ACCESSIBILITY AND REMOTE ALARM PULL SWITCH. INSTALL SWITCHES IN ACCORDANCE WITH ANSI A117.1 AND ADA STANDARDS FOR HANDICAP ACCESSIBILITY.
SR-A	TITUS	271FL	ALUMINUM AEROBLADE SUPPLY REGISTER WITH ¾" BLADE SPACING. MAXIMUM CORE VELOCITY: 500 FPM. MAXIMUM NOISE CRITERIA: 20NC. SINGLE DEFLECTION AIRFOIL BLADES PARALLEL TO LONG DIMENSION. REGISTERS SHALL HAVE FRAMES AND BORDERS SUITABLE FOR THE CONSTRUCTION IN WHICH THEY WILL BE INSTALLED, CONTRACTOR TO COORDINATE. REGISTERS SHALL BE PROVIDED WITH OPPOSED BLADE VOLUME DAMPERS. UNLESS OTHERWISE NOTED ON PLANS, SIZE PER REGISTER SCHEDULE. SR-A SHALL HAVE MILL FINISH. SR-B, BAKED ENAMEL FINISH COLOR SELECTED BY ARCHITECT. CFM RANGE: / NECK SIZE: 0-250 → 8"x8" 251-400 → 10"x10" 401-600 → 12"x12" 601-1000 → 18"x18" 1001-2000 → 24"x24"
SR-B	TITUS	S300FL	ALUMINUM DIRECT SPIRAL DUCT MOUNTED SUPPLY REGISTER WITH 3/4" BLADE SPACING. MAXIMUM CORE VELOCITY: 725 FPM. MAXIMUM NOISE CRITERIA: 20NC. DOUBLE DEFLECTION BLADES PARALLEL TO LONG DIMENSION. AIR SCOOP DEVICE. REGISTERS SHALL HAVE FRAMES AND BORDERS SUITABLE FOR THE CONSTRUCTION IN WHICH THEY WILL BE INSTALLED, CONTRACTOR TO COORDINATE. REGISTERS SHALL BE PROVIDED WITH OPPOSED BLADE VOLUME DAMPERS. SR-B SHALL HAVE NOMINAL 14"x6" DUCT SIZE. FINISH COLOR SELECTED BY ARCHITECT

MECHANICAL EQUIPMENT SCHEDULE

SYMBOL	MANUFACTURER	CATALOG #	DESCRIPTION
— CD —	———	———	CONDENSATE DRAIN PIPING. SCHEDULE 40 PVC
— HWS — — HWR —	———	———	HYDRONIC PIPING, COPPER TYPE "L" UP TO 2". ABOVE 2" USE SCHEDULE 40 STEEL WITH SCREWED JOINTS. BOILER HEADER SHALL BE PIPED WITH SCHEDULE 40 STEEL. INSULATE WITH FIBERGLASS PIPE INSULATION WITH VAPOR PROOF JACKET, TAPED JOINTS AND PVC FITTING COVERS. EXPOSED PIPING SHALL BE COVERED WITH PVC PIPE COVER AND PAINTED. SEE THIS DRAWING FOR INSULATION THICKNESS SCHEDULE.
— REF —	———	———	REFRIGERANT PIPING SHALL BE COPPER TUBING TYPE ACR HARD DRAWN. WROUGHT COPPER FITTINGS, SILVER BRAZE JOINTS. SIZE REFRIGERANT PIPING PER MANUFACTURER'S RECOMMENDATIONS BASED ON ELEVATION AND LENGTH. INSULATE SUCTION LINE WITH 1 ½" ELASTROMETRIC CELLULAR FOAM. CONCEAL REFRIGERATION PIPING IN EXTERIOR WALL PARTITION AND ABOVE CEILING.
— G —	———	———	NATURAL GAS PIPING, SCHEDULE 40 STEEL WITH SCREWED JOINTS UP TO 3" DIAMETER. WELDED JOINTS ON ALL PIPE SIZES ABOVE 3" DIAMETER.
			GAS VALVE FULL PORT, AGA APPROVED.
	NIBCO	———	BALL VALVE, BRONZE BODY, FULL PORT.
	NIBCO	———	CHECK VALVE, BRONZE BODY SWING.
M	———	———	MOTORIZED DAMPER, SEE SPECIFICATION SECTION 23 33 00 AIR DUCT ACCESSORIES & 23 09 00 INSTRUMENTATION & CONTROL.
FD	———	———	FIRE DAMPER
	———	———	TRAP.
	———	———	TURNING VANES.
	———	———	DUCTWORK, GALVANIZED STEEL, THICKNESS PER SMACNA STANDARDS. MNIMUM 26 GAUGE
	———	———	VOLUME DAMPER, SEE SPECIFICATION SECTION 23 33 00 AIR DUCT ACCESSORIES & 23 09 00 INSTRUMENTATION & CONTROL.
	FLEXMASTER USA, INC.	TYPE 4M	FLEXIBLE DUCTWORK, MECHANICAL LOCK HELIX, FIBERGLASS INSULATION, FIRE RETARDANT ALUMINUM OUTER JACKET, UL 181 CLASS 1 AIR DUCT. MAXIMUM LENGTH (6'-0")
T H/C	———	———	PROGRAMMABLE MULTI-STAGE THERMOSTAT 7-DAY, HEAT/COOL WITH ON/OFF/AUTO FAN SWITCH, 7-DAY PROGRAMMABLE WITH SET BACK CAPABILITIES, REMOTE SENSING, PROGRAMMABLE FAN, OUTDOOR DAMPER CONTROL. LOW VOLTAGE (24V). WITH CLEAR LOCKING COVER UNLESS OTHERWISE NOTED. SEE EQUIPMENT SCHEDULE.
T H	———	———	PROGRAMMABLE SINGLE-STAGE THERMOSTAT, HEAT/COOL WITH ON/OFF/AUTO FAN SWITCH, 5-1-1 DAY, PROGRAMMABLE WITH SET BACK CAPABILITIES, LOW VOLTAGE (24V). WITH CLEAR LOCKING COVER UNLESS OTHERWISE NOTED. SEE EQUIPMENT SCHEDULE.
T	———	———	PROGRAMMABLE THERMOSTAT, HEAT/COOL WITH ON/OFF/AUTO FAN SWITCH, 5-1-1 DAY, PROGRAMMABLE WITH SET BACK CAPABILITIES, LOW VOLTAGE (24V). WITH CLEAR LOCKING COVER UNLESS OTHERWISE NOTED. SEE EQUIPMENT SCHEDULE.
CF-1	ENVIROFAN	160C-7	INDUSTRIAL EXTRA HEAVY DUTY REVERSIBLE CEILING FAN 56" BLADE SWEEP WITH DUAL PITCH FAN, PROVIDE AND INSTALL REVERSIBLE SWITCH TO CONTROL (2) FANS PER ZONE, TO BE FIELD LOCATED BY FIRE COMPANY, FAN GUARD 62" DIAMETER, CUSTOM DOWN ROD - LENGTH TO BE DETERMINED IN FIELD. MULTI-FAN SOLID STATE SPEED CONTROLLER PER ZONE. REVERSIBLE SWITCH AND SPEED CONTROLLER LOCATED IN LOCKABLE METAL BOX, BOX TO FIELD LOCATED BY FIRE COMPANY IN SPACE. 120V/1.

HEATING AND COOLING MINIMUM PIPE INSULATION[a, c, d]
COMMERCIAL

FLUID OPERATING TEMPERATURE RANGE AND USEAGE (°F)	INSULATION CONDUCTIVITY		INCHES OR R-VALUE	NOMINAL PIPE DIAMETER				
	CONDUCTIVITY BTU x in / (h x ft² X °F)	MEAN RATING TEMPERATURE (°F)		< 1.0"	1.0" < 1.5"	1.5" to < 4.0"	4" to < 8.0"	> 8.0"
201 - 250	0.27 - 0.30	150	INCHES	2.5	2.5	2.5	3.0	3.0
			R-VALUE	R-17	R-17	R-17	R-15	R-13
141 - 200	0.25 - 0.29	125	INCHES	1.5	1.5	2.0	2.0	2.0
			R-VALUE	R-9	R-9	R-11	R-10	R-9
105 - 140	0.21 - 0.28	100	INCHES	1.0	1.0	1.5	1.5	1.5
			R-VALUE	R-5	R-9	R-8	R-8	R-7
40 - 60	0.21 - 0.27	75	INCHES	0.5	0.5	1.0	1.0	1.0
			R-VALUE	R-2	R-2	R-5	R-5	R-4
< 40	0.20 - 0.26	50	INCHES	0.5	1.0	1.0	1.0	1.5
			R-VALUE	R-6	R-9	R-9	R-8	R-7

FOR SI:
1 INCH = 25.4mm, °C=(°F - 32)/1.8

a. For piping smaller than 1 ½" inches and located in partitions within conditioned spaces, reduction of these thicknesses by 1 inch shall be permitted (before thickness adjustment required in Note b but not to a thickness less than 1 inch).

b. For insulation outside of stated conductivity range, the minimum thickness (T) shall be determined as follows:
$T=r\{(1+t/r)^{(K/k)}-1\}$
where
T = Minimum insulation thickness
r = Actual outside radius of pipe.
t = Insulation thickness listed in the table for application fluid temperature and pipe size.
K = Conductivity of alternate material at mean rating temperature indicated for the applicable fluid temperature (Btu x in/h x ft² x °F).
k = the upper value of the conductivity range listed in the table for the application fluid temperature.

c. For direct-buried heating and hot water system piping, reduction of these thicknesses by 1 ½ inches shall be permitted (before thickness adjustment required in Note b but not to thicknesses less than 1 inch).

d. 2025 ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE TABLE C403.13.3(1) - MINIMUM PIPE INSULATION THICKNESS (in inches or R-value).

MECHANICAL PIPING MATERIAL SCHEDULE

SERVICE	SIZE (IN)	MATERIAL	TYPE/WEIGHT	STANDARD
CONDENSATE DRAIN AND PUMP DISCHARGE (INTERIOR)	ALL	COPPER	HARD DRAWN TYPE L TUBING	ASTM B 88
CONDENSATE DRAIN (EXTERIOR)	ALL	PVC	SCHEDULE 40 DWV	ASTM D 2665
REFRIGERANT	ALL	COPPER	HARD OR ANNEALED TYPE ACR	ASTM B 280
GAS PIPING	ALL	BLACK STEEL	SCHEDULE 40	ASTM A 53

MECHANICAL PIPING FITTING SCHEDULE

SERVICE	SIZE (IN)	MATERIAL	TYPE/WEIGHT	STANDARD
CONDENSATE DRAIN AND PUMP DISCHARGE (INTERIOR)	ALL	WROUGHT COPPER	SOLDER	ASTM B 88
CONDENSATE DRAIN (EXTERIOR)	ALL	PVC	SCHEDULE 40 DWV SOLVENT CEMENT	ASTM D 3034 ASTM D 2855
REFRIGERANT	ALL	COPPER	SILVER SOLDER 300 PSI	ANSI B 16.22
GAS PIPING	4" AND LESS	MALLEABLE IRON	THREADED OR WELDED	ASTM B 16.3

MINIMUM DUCT INSULATION
COMMERCIAL

ALL SUPPLY AND RETURN AIR DUCTS AND PLENUMS SHALL BE INSULATED WITH A MINIMUM OF R-6 INSULATION WHEN LOCATED IN UNCONDITIONED SPACES AND WITH A MINIMUM OF R-12 INSULATION WHEN LOCATED OUTSIDE THE BUILDING ENVELOPE. WHEN LOCATED WITHIN A BUILDING ENVELOPE ASSEMBLY, THE DUCT OR PLENUM SHALL BE SEPARATED FROM THE BUILDING EXTERIOR OR UNCONDITIONED OR EXEMPT SPACES BY A MINIMUM OF R-12 INSULATION.

EXCEPTIONS:
1. WHEN LOCATED WITHIN EQUIPMENT.
2. WHEN THE DESIGN TEMPERATURE DIFFERENCE BETWEEN THE INTERIOR AND EXTERIOR OF THE DUCT OR PLENUM DOES NOT EXCEED 15°F (8°C).

ALL JOINTS, LONGITUDINAL AND TRANSVERSE SEAMS, AND CONNECTIONS IN DUCTWORK, SHALL BE SECURELY FASTENED AND SEALED WITH WELDS, GASKETS, MASTICS (ADHESIVES), MASTIC-PLUS- EMBEDDED FABRIC SYSTEMS OR TAPES. TAPES AND MASTICS USED TO SEAL DUCTWORK SHALL BE LISTED AND LABELED IN ACCORDANCE WITH UL 181A OR UL 181B. DUCT CONNECTIONS TO FLANGES OF AIR DISTRIBUTION SYSTEM EQUIPMENT SHALL BE SEALED AND MECHANICALLY FASTENED. UNLISTED DUCT TAPE IS NOT PERMITTED AS A SEALANT ON ANY METAL DUCTS.

NOTE:
DUCT INSULATION, COVERINGS AND LINING MATERIALS AND ADHESIVES SHALL HAVE A FLAME SPREAD INDEX OF NOT MORE THAN 25, AND A SMOKE DEVELOPED INDEX OF NOT MORE THAN 50, IN ACCORDANCE WITH 2020 IMC SECTION 604.3.

MINIMUM HANGER SIZES FOR ROUND DUCT

DIAMETER	MAXIMUM SPACING	WIRE DIAMETER	ROD	STRAP
10" DN.	12'	-	¼"	1" x 22ga.
11" - 18"	12'	-	¼"	1" x 22ga.
19" - 24"	12'	-	¼"	1" x 22ga.
25" - 36"	12'	-	⅜"	1" x 22ga.
37" - 50"	12'	-	TWO ⅜"	TWO 1" x 20ga.
51" - 60"	12'	-	TWO ⅜"	TWO 1" x 18ga.
61" - 84"	12'	-	TWO ⅜"	TWO 1" x 16GA.

NOTES:
1. STRAPS AND RODS ARE GALVANIZED STEEL.
2. TABLE ALLOWS FOR CONVENTIONAL WALL THICKNESS, AND JOINT SYSTEMS PLUS ONE LB/SF OF INSULATION WEIGHT. IF HEAVIER DUCTS ARE TO BE INSTALLED, ADJUST HANGER SIZES.

PIPE HANGER SCHEDULE

PIPE SIZE (INCHES)	MAXIMUM HORIZONTAL SPACING (FEET)				SINGLE STEEL ROD HANGER SIZE (INCHES)		HANGER TYPE STEEL	MAXIMUM VERTICAL SPACING (FEET)			
	COPPER TUBE	CAST IRON	STEEL PIPE	CPVC PIPE	TUBING	PIPING		COPPER TUBE	CAST IRON	STEEL PIPE	CPVC PIPE
½"	6	5	8 (5)	3	¼"	⅜"	BAND	10	15	15	10
¾"	6	5	8 (5)	3	¼"	⅜"	BAND	10	15	15	10
1"	6	5	8 (5)	3	¼"	⅜"	BAND	10	15	15	10
1¼"	6	5	9 (5)	4	¼"	⅜"	CLEVIS	10	15	15	10
1½"	6	5	9 (5)	4	¼"	⅜"	CLEVIS	10	15	15	10
2"	10	5	10 (5)	4	¼"	⅜"	CLEVIS	10	15	15	10
2½"	10	5	12 (5)	4	⅜"	½"	CLEVIS	10	15	15	10
3"	10	5	12 (5)	4	⅜"	½"	CLEVIS	10	15	15	10
4"	10	5	12 (5)	4	½"	⅝"	CLEVIS	10	15	15	10
5"	10	5	12 (5)	4	½"	⅝"	CLEVIS	10	15	15	10
6"	10	5	12 (5)	4	½"	¾"	CLEVIS	10	15	15	10
8"	10	5	12 (5)	4	⅝"	⅞"	CLEVIS	10	15	15	10
10"	10	5	12 (5)	4	⅝"	⅞"	CLEVIS	10	15	15	10
12"	10	5	12 (5)	4	⅝"	⅞"	CLEVIS	10	15	15	10

NOTES:
1. MAXIMUM HORIZONTAL SPACING OF CAST-IRON PIPE HANGERS SHALL BE INCREASED TO 10 FEET WHERE 10 FOOT LENGTHS OF PIPE ARE INSTALLED.
2. INSTALL HANGER OR SUPPORT CLOSE TO THE POINT OF CHANGE OF DIRECTION IN ALL PIPE RUNS.
3. INSTALL ADDITIONAL HANGERS ON SUPPORTS AT CONCENTRATED LOADS.
4. SUPPORT ALL BRANCH PIPING OVER 5'-0" IN LENGTH.
5. ½" GAS PIPING SHALL BE SUPPORTED EVERY 6'-0". ¾" AND 1" GAS PIPING SHALL BE SUPPORTED EVERY 8'-0". 1¼" AND LARGER GAS PIPING SHALL BE SUPPORTED EVERY 10'-0".
6. SUPPORT VERTICAL PIPING AT EVERY FLOOR.

MARLBORO HOSE 38 CO. NO. 1 — EST 1897 — 125 YEARS — 2022 — NY

MARLBOROUGH FIRE DISTRICT

MARLBORO HOSE CO. NO. 1
14 GRAND STREET,
MARLBORO, NY 12542

MARLBOROUGH FIRE STATION ADDITIONS AND RENOVATION

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NO.	REVISIONS	DATE
0	ISSUED FOR BID	06/15/2026

DWG. TITLE

MECHANICAL:
EQUIPMENT SCHEDULES

0 1" 2"
GENERIC SCALE BAR
SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING. IF NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY

DATE	06/15/2026
SCALE	AS NOTED
DWN.	DC/KC CHK. JT
PROJ. No.	653001 GA25057
DWG. No.	

M701

GENERAL HVAC NOTES

1. ALL HVAC WORK SHALL BE INSTALLED IN ACCORDANCE WITH 2025 MECHANICAL CODE, FIRE CODE, PLUMBING CODE, FUEL GAS CODE, BUILDING CODE AND ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE AND ALL LOCAL CODES AND GENERALLY ACCEPTED STANDARDS.
2. HVAC CONTRACTOR SHALL PROVIDE ALL EQUIPMENT, PIPING, VALVES, ACCESS DOORS, HANGERS, FITTINGS AND MISCELLANEOUS COMPONENTS NOT NECESSARILY DETAILED ON THESE DRAWINGS TO RENDER THE HVAC SYSTEMS COMPLETE, OPERABLE, AND IN ACCORDANCE WITH APPLICABLE CODES AND GENERALLY ACCEPTED INDUSTRY STANDARDS.
3. HVAC CONTRACTOR SHALL SUBMIT SHOP DRAWINGS ON ALL EQUIPMENT TO ARCHITECT FOR APPROVAL. DEMONSTRATE NEW HVAC SYSTEMS TO FIRE DISTRICT AND REVIEW MAINTENANCE PROCEDURES.
4. HVAC CONTRACTOR SHALL SEAL AROUND ALL PIPE AND DUCT PENETRATIONS THROUGH FIRE RATED WALLS, FLOORS AND CEILINGS WITH HILTI INTUMESCENT FIRE STOP MATERIALS TO MAINTAIN FIRE AND SMOKE RATINGS. DUCTS PENETRATING FIRE RATED WALLS, FLOORS AND CEILINGS SHALL BE INSTALLED WITH FIRE DAMPER AND ACCESS DOORS WHETHER SPECIFICALLY SHOWN ON THE DRAWINGS OR NOT.
5. HVAC CONTRACTOR SHALL NOT DRILL OR CUT ANY STRUCTURAL MEMBERS WITHOUT PERMISSION OF ARCHITECT.
6. ALL EQUIPMENT SHALL BE INSTALLED PER MANUFACTURERS RECOMMENDATIONS.
7. HVAC CONTRACTOR SHALL FURNISH AND INSTALL ALL CONTROL WIRING (120V AND 24V) FOR SYSTEMS SHOWN ON HVAC DRAWINGS AND DESCRIBED IN HVAC SPECIFICATIONS, INCLUDING ALL RELAYS, TRANSFORMERS, CONDUIT, JUNCTION BOXES, CONDUCTORS, THERMOSTATS, APPURTENANCES AND ALL NECESSARY EQUIPMENT TO MAKE SYSTEMS COMPLETE AND OPERABLE.
8. HVAC CONTRACTOR SHALL PAY FOR ALL PERMITS AND INSPECTION FEES REQUIRED BY LOCAL AUTHORITY HAVING JURISDICTION.
9. HVAC CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL CUTTING, PATCHING, AND PAINTING ASSOCIATED WITH HVAC WORK WITH THE GENERAL CONTRACTOR, WHO SHALL PERFORM THE WORK. ALL FLOORS AND WALLS WHERE AN EXISTING PIPE OR DUCT HAS BEEN REMOVED AND NOT REPLACED SHALL BE PATCHED BY THE GENERAL CONTRACTOR, MECHANICAL CONTRACTOR TO COORDINATE.
10. ALL DUCTWORK SHALL BE CONSTRUCTED AND INSTALLED IN ACCORDANCE WITH SHEET METAL AND AIR CONDITIONING HVAC CONTRACTORS NATIONAL ASSOCIATION (SMACNA) DUCT STANDARDS. PROVIDE RADIUS TURNS OR TURNING VANES ON ALL CHANGES IN DIRECTION IN ACCORDANCE WITH SMACNA STANDARDS.
11. ALL CONTROL WIRING SHALL BE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (N.E.C.) AND ALL LOCAL CODES. ALL CONDUCTORS SHALL BE COPPER WITH THHN INSULATION IN EMT CONDUIT. 120V/1 - MINIMUM CONDUCTOR SIZE #12. 24V - MINIMUM CONDUCTOR SIZE #18. MINIMUM CONDUIT SIZE SHALL BE ¾". CONDUIT INSTALLED OUTDOORS SHALL BE GALVANIZED.
12. UNLESS OTHERWISE NOTED ALL DUCTWORK SHALL BE FABRICATED WITH MINIMUM 26 GAGE GALVANIZED STEEL INCLUDING ROUND DUCTS.
13. FINAL LOCATIONS OF ALL THERMOSTATS AND SENSORS SHALL BE APPROVED BY ARCHITECT PRIOR TO INSTALLATION, COORDINATE IN FIELD. THERMOSTATS AND SENSORS SHALL BE LOCATED 4'-0" ABOVE FINISHED FLOOR.
14. HVAC CONTRACTOR SHALL PROVIDE ACCESS DOORS FOR ALL VALVES AND DUCT ACCESSORIES CONCEALED IN WALLS/CEILINGS. ACCESS DOORS SHALL HAVE APPROPRIATE FIRE RATING TO MAINTAIN INTEGRITY OF WALL/CEILING. TURN OVER ACCESS DOORS TO GENERAL CONTRACTOR FOR INSTALLATION.
15. HVAC CONTRACTOR SHALL COORDINATE FINAL LOCATIONS OF ALL PIPING IN FINISHED AREAS WITH GENERAL CONTRACTOR TO ENSURE CONCEALMENT OF ALL PIPING IN WALLS, FLOORS AND CEILINGS.
16. HVAC CONTRACTOR SHALL FURNISH AND INSTALL VALVE TAGS, PIPE LABELS, DUCT LABELS AND EQUIPMENT LABELS. LOG ALL TAGS AND LABELS IN A 3-RING BINDER WITH LOCATION, DESCRIPTION AND FUNCTION. SEE SPECIFICATIONS FOR MORE INFORMATION.
17. HVAC CONTRACTOR SHALL PROVIDE ALL AIR AND HYDRONIC BALANCING FOR ALL NEW HVAC SYSTEMS. PROVIDE ALL NECESSARY MOTOR, DRIVE, BELT CHANGES AND ETC. SEE SPECIFICATIONS FOR BALANCE PROCEDURES AND ADDITIONAL REQUIREMENTS. CONTRACTOR SHALL COMFORT BALANCE ALL HVAC SYSTEMS TO THE SATISFACTION OF ENGINEER/ARCHITECT.
18. HVAC CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SUPPLEMENTAL STRUCTURAL STEEL SUPPORT ASSOCIATED WITH NEW HVAC EQUIPMENT HUNG OR SUPPORTED FROM OR ON THE BUILDING STRUCTURE. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS TO ARCHITECT FOR APPROVAL PRIOR TO STEEL FABRICATION AND INSTALLATION OF EQUIPMENT.
19. HVAC CONTRACTOR SHALL INSTALL DUCT MOUNTED SMOKE DETECTORS IN RETURN AIR DUCTWORK OR PLENUM UPSTREAM OF ANY FILTERS, EXHAUST AIR CONNECTIONS, OR OUTDOOR AIR CONNECTIONS. DUCT SMOKE DETECTORS SHALL BE PROVIDED BY THE ELECTRICAL CONTRACTOR. CONNECTION TO FIRE ALARM SYSTEM SHALL BE BY ELECTRICAL CONTRACTOR. HVAC CONTRACTOR SHALL INSTALL AN ACCESS DOOR IN DUCTWORK FOR EACH SMOKE DETECTOR.
20. HVAC CONTRACTOR SHALL SUBMIT PIPING AND DUCTWORK FULLY COORDINATED SHOP DRAWINGS FOR ENGINEERS REVIEW. SEE GENERAL CONDITIONS FOR NUMBER OF SHOP DRAWINGS.
21. HVAC CONTRACTOR SHALL FIRE DISTRICT AND KEY PERSONNEL ON OPERATION OF ALL HVAC SYSTEMS. SET ALL THERMOSTATS TO TEMPERATURES AND SCHEDULES AS DIRECTED BY FIRE DISTRICT.
22. HVAC CONTRACTOR SHALL INCLUDE IN BID ALL MATERIALS, RIGGING AND LABOR REQUIRED FOR THE COMPLETE AND PROPER INSTALLATION OF THE MECHANICAL SYSTEM.
23. HVAC CONTRACTOR TO FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO THE BEGINNING OF WORK, AND COORDINATE WORK ALL OTHER TRADES.
24. PROVIDE ALL PIPE OPENINGS THROUGH PARTITIONS WITH PIPE SLEEVES.
25. PROVIDE VOLUME DAMPERS ON ALL SUPPLY, RETURN AND EXHAUST BRANCH DUCTWORK, WHETHER SPECIFICALLY INDICATED ON DRAWINGS OR NOT.
26. PROVIDE 1" ACOUSTIC LINING A MINIMUM OF 10'-0" FROM INLET AND OUTLET OF ALL FANS AND MINIMUM 5'-0" AT OUTLET OF VAV BOXES. THE FIRST FIGURE OF DUCT SIZE INDICATE DIMENSION OF FACE SHOWN OR INDICATED. DUCT DIMENSIONS SHOWN ON DRAWINGS REFER TO INSIDE CLEAR DIMENSIONS. WHERE DUCTWORK IS LINED, THE CONTRACTOR SHALL INCREASE THE SIZE OF DUCT TO COMPENSATE FOR LINING.
27. HVAC CONTRACTOR SHALL SCHEDULE ALL SHUT-DOWNS OF EXISTING BASE BUILDING EQUIPMENT/SYSTEMS WITH FIRE DISTRICT AS REQUIRED FOR PERFORMING WORK. NOTICE SHALL BE GIVEN NO LESS THAN (5) FIVE BUSINESS DAYS PRIOR REQUIRED SHUT-DOWN. SHUT-DOWNS SHALL NOT BE PERFORMED WITHOUT APPROVAL FROM FIRE DISTRICT.
28. BEFORE DISPOSING OF REMOVED EQUIPMENT, VERIFY WITH FIRE DISTRICT WHAT ITEMS ARE TO BE TURNED OVER TO FIRE DISTRICT AND KEPT FOR ATTIC STOCK.
29. UNLESS OTHERWISE NOTED ON THE ARCHITECTURAL DRAWINGS, CEILING REMOVAL, TEMPORARY PROTECTION, AND REPLACEMENT AS REQUIRED PERFORMING SCOPE OF WORK SHALL BE BY THIS CONTRACTOR. CEILING TILES DAMAGED AS A RESULT OF THIS CONTRACTOR'S WORK SHALL BE REPLACED AT NO ADDITIONAL COST TO THE FIRE DISTRICT. REFER TO ARCHITECTURAL DRAWINGS FOR EXTENT OF CEILING REMOVALS.
30. ALL MOTOR STARTERS AND DISCONNECT SWITCHES FOR HVAC EQUIPMENT SHALL BE FURNISHED BY THE MECHANICAL CONTRACTOR AND INSTALLED BY THE ELECTRICAL CONTRACTOR, UNLESS OTHERWISE NOTED. DISCONNECT SWITCHES FURNISHED BY THE MECHANICAL CONTRACTOR FOR HVAC EQUIPMENT SHALL BE HEAVY DUTY TYPE AND SHALL BE NEMA 3R WHEN LOCATED OUTSIDE.
31. CONTRACTOR SHALL BE RESPONSIBLE FOR DRAINING, PROPERLY DISPOSING OF DRAINED WATER, AND REFILLING EXISTING SYSTEMS AS REQUIRED FOR COMPLETION OF WORK.
32. CONTRACTOR SHALL GUARANTEE ALL WORKMANSHIP AND MATERIAL INSTALLED UNDER THIS CONTRACT FREE FROM DEFECTS FOR A PERIOD OF ONE (1) YEAR FROM DATE OF SUBSTANTIAL COMPLETION AND ACCEPTANCE BY THE OWNER AND AGREES TO REPLACE DEFECTIVE WORK (INCLUDING ALL REQUIRED LABOR AND MATERIAL) AT NO ADDITIONAL COST TO OWNER DURING THE GUARANTEE PERIOD.
33. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING START-UP OF ALL NEW EQUIPMENT, CONTROLS, AND ETC. TO ENSURE CORRECT OPERATION OF INSTALLED DEVICES.
34. CONTRACTOR SHALL PROVIDE OWNER WITH CATALOG DATA, OPERATING INSTRUCTIONS, MAINTENANCE INSTRUCTIONS, AND RECORD (AS-BUILT) DRAWINGS OF ALL COMPLETED WORK.
35. ALL NEW HOLES IN WALLS AND FLOORS SHALL BE CORE DRILLED BY THIS CONTRACTOR. PRIOR TO CORE DRILLING FLOORS, RADAR SCAN FLOOR SLABS. USE CAUTION WHEN CORE DRILLING TO AVOID DAMAGE TO EXISTING EQUIPMENT, SYSTEMS, STRUCTURE AND ETC. ANY ITEMS DAMAGED AS A RESULT OF CORE DRILLING SHALL BE REPAIRED BY THIS CONTRACTOR AT NO ADDITIONAL COST TO FIRE DISTRICT.
36. LOW VOLTAGE CONTROL WIRING AND CONDUIT INDICATED TO BE REMOVED SHALL BE COMPLETELY REMOVED BACK TO SOURCE WHEN POSSIBLE. FOR INACCESSIBLE LOCATIONS WIRING AND CONDUIT SHALL BE SAFELY ISOLATED ON BOTH ENDS.
37. ALL GAS PIPING AND EQUIPMENT INSTALLATIONS SHALL BE AS PER THE 2020 FUEL GAS CODE OF NEW YORK STATE AND THE UTILITY COMPANY'S STANDARDS.
38. ALL NEW GAS PIPING EXPOSED ON ROOF SHALL BE PREPARED, PRIMED, AND PAINTED BY THE GENERAL CONTRACTOR, MECHANICAL CONTRACTOR TO COORDINATE.
39. CONTRACTOR IS RESPONSIBLE FOR ALL CUTTING, PATCHING AND PAINTING ASSOCIATED WITH HVAC WORK. PATCH OPENINGS/AREAS WITH SIMILAR MATERIALS AND RESTORE TO ORIGINAL FIRE/SMOKE RATING AND STRUCTURAL INTEGRITY. SEE ARCHITECT'S SPECIFICATIONS AND GENERAL CONDITIONS FOR ACCEPTABLE PROCEDURES, MATERIALS AND STANDARDS.
40. HEALTH, SAFETY AND CRITICAL OPERATING EQUIPMENT SHALL NOT BE COMPROMISED WITHOUT THE FIRE DISTRICT NOTIFICATION AND SCHEDULED SHUTDOWN DURING OFF HOURS AS TEMPORARY OPERATIONAL PLAN IS IMPLEMENTED AND MAINTAINED.
41. CONTRACTOR SHALL PAINT ALL GAS PIPING. CLEAN GAS PIPE AND PAINT (1) ONE COAT MARINE ALKYD METAL PRIMER MPI 79, (2) TWO COATS PAINT EXTERIOR ALKYD SEMI-GLOSS MPI 94. SEE ARCHITECT'S DRAWINGS AND SPECIFICATIONS FOR APPROVED MATERIALS, PROCEDURES AND METHODS OF INSTALLATION. COLOR AS DIRECTED BY ARCHITECT.

MINIMUM HANGER SIZES FOR RECTANGULAR DUCT

MINIMUM HALF OF DUCT PERIMETER	PAIR AT 10Ft SPACING		PAIR AT 8Ft SPACING		PAIR AT 5Ft SPACING		PAIR AT 4Ft SPACING	
	STRAP	ROD	STRAP	ROD	STRAP	ROD	STRAP	ROD
P/2 = 30"	1" x 22ga	¼"	1" x 22ga	¼"	1" x 22ga	¼"	1" x 22ga	¼"
P/2 = 72"	1" x 18ga	⅜"	1" x 20ga	¼"	1" x 22ga	¼"	1" x 22ga	¼"
P/2 = 96"	1" x 16ga	⅜"	1" x 18ga	⅜"	1" x 20ga	⅜"	1" x 22ga	⅜"
P/2 = 120"	1½" x 16ga	½"	1" x 16ga	½"	1" x 16ga	⅜"	1" x 18ga	⅜"
P/2 = 192"	-	-	1" x 16ga	½"	1" x 16ga	⅜"	1" x 18ga	⅜"

WHEN STRAPS ARE LAP JOINED USE THESE MINIMUM FASTENERS:

1" x 18, 20, 22ga - ON ½" BOLT
1" X 16ga - TWO ½" Dia.
1" X 16ga - TWO ⅝" Dia.

PLACE FASTENERS IN SERIES, NOT SIDE BY SIDE.

SINGLE HANGER MAXIMUM ALLOWABLE LOAD	
STRAP	ROD (Dia.)
1" x 22ga - 260Lbs.	½" - 270Lbs.
1" x 20ga - 32Lbs.	⅝" - 680Lbs.
1" x 18ga - 420Lbs.	¾" - 1250Lbs.
1" x 16ga - 700Lbs.	⅞" - 2000Lbs.
1½" x 16ga - 1100Lbs.	1" - 3000Lbs.

NOTES:
1. DIMENSIONS OTHER THAN GAUGE ARE IN INCHES.
2. TABLES ALLOW FOR DUCT WEIGHT, 1 LB./SF. INSULATION WEIGHT AND NORMAL REINFORCEMENT AND TRAPEZE WEIGHT, BUT NO EXTERNAL LOADS.
3. STRAPS ARE GALVANIZED STEEL.
4. ALLOWABLE LOADS FOR P/2 ASSUME THAT DUCTS ARE 16 GA. MAXIMUM, EXCEPT WHEN MAXIMUM DUCT DIMENSION (W) IS OVER 60" THEN P/2 MAXIMUM IS 1.25 W.

MINIMUM DUCT INSULATION
COMMERCIAL

ALL SUPPLY AND RETURN AIR DUCTS AND PLENUMS SHALL BE INSULATED WITH A MINIMUM OF R-6 INSULATION WHEN LOCATED IN UNCONDITIONED SPACES AND WITH A MINIMUM OF R-12 INSULATION WHEN LOCATED OUTSIDE THE BUILDING ENVELOPE. WHEN LOCATED WITHIN A BUILDING ENVELOPE ASSEMBLY, THE DUCT OR PLENUM SHALL BE SEPARATED FROM THE BUILDING EXTERIOR OR UNCONDITIONED OR EXEMPT SPACES BY A MINIMUM OF R-12 INSULATION.

EXCEPTIONS:
1. WHEN LOCATED WITHIN EQUIPMENT.
2. WHEN THE DESIGN TEMPERATURE DIFFERENCE BETWEEN THE INTERIOR AND EXTERIOR OF THE DUCT OR PLENUM DOES NOT EXCEED 15°F (8°C).

ALL JOINTS, LONGITUDINAL AND TRANSVERSE SEAMS, AND CONNECTIONS IN DUCTWORK, SHALL BE SECURELY FASTENED AND SEALED WITH WELDS, GASKETS, MASTICS (ADHESIVES), MASTIC-PLUS- EMBEDDED FABRIC SYSTEMS OR TAPES. TAPES AND MASTICS USED TO SEAL DUCTWORK SHALL BE LISTED AND LABELED IN ACCORDANCE WITH UL 181A OR UL 181B. DUCT CONNECTIONS TO FLANGES OF AIR DISTRIBUTION SYSTEM EQUIPMENT SHALL BE SEALED AND MECHANICALLY FASTENED. UNLISTED DUCT TAPE IS NOT PERMITTED AS A SEALANT ON ANY METAL DUCTS.

NOTE:
DUCT INSULATION, COVERINGS AND LINING MATERIALS AND ADHESIVES SHALL HAVE A FLAME SPREAD INDEX OF NOT MORE THAN 25, AND A SMOKE DEVELOPED INDEX OF NOT MORE THAN 50, IN ACCORDANCE WITH 2020 MC SECTION 604.3.

DUCTLESS SPLIT SYSTEM EQUIPMENT SCHEDULE

SYMBOL	MANUFACTURER	CATALOG #	DESCRIPTION
AC-1	TRANE	SLZ-AF12NL	CEILING CASSETTE-DUCTLESS SPLIT HEAT PUMP NOMINAL 1.0-TON, CEILING MOUNTED (24.68" x 24.68"), 360 AIRFLOW PANEL, DISCONNECT SWITCH, FIELD LOCATED WIRED REMOTE CONTROLLER, BUILT-IN CONDENSATE PUMP, EXTERNAL CONDENSATE PUMP (SI30-230), COOLING 12,000 MAX., HEATING 15,000 BTUH @ 17°F, MAX. 15,000 BTUH @ 5°F - 3.0 MCA AND 15 MOCP. - 208/230V, 1Ø
HP-1	TRANE	SUZ-AA12NLHZ	HEAT PUMP UNIT INVERTER DRIVEN COMPRESSOR NOMINAL COOLING 1.0 TON, HIGH HEATING 15,000 BTUH @ 47° OAT, LOW HEATING 15,000 BTUH @ 5° OAT WITH CRANKCASE HEATER, BASE PAN HEATER, NEMA 3R DISCONNECT SWITCH, SNOW STAND. (17.5 SEER)/(9.3 HSPF). REFRIGERANT R-454B, 25.0 MCA AND 42 MOCP. - 208/230V/1
AC-2	TRANE	SLZ-AF18NL	CEILING CASSETTE-DUCTLESS SPLIT HEAT PUMP NOMINAL 1.5-TON, CEILING MOUNTED (24.68" x 24.68"), 360 AIRFLOW PANEL, DISCONNECT SWITCH, FIELD LOCATED WIRED REMOTE CONTROLLER, BUILT-IN CONDENSATE PUMP, EXTERNAL CONDENSATE PUMP (SI30-230), COOLING 18,000 MAX., HEATING 20,000 BTUH @ 17°F, MAX. 20,000 BTUH @ 5°F - 3.0 MCA AND 15 MOCP. - 208/230V, 1Ø
HP-2	TRANE	SUZ-AA18NLHZ	HEAT PUMP UNIT INVERTER DRIVEN COMPRESSOR NOMINAL COOLING 1.5 TON, HIGH HEATING 20,000 BTUH @ 47° OAT, LOW HEATING 20,000 BTUH @ 5° OAT WITH CRANKCASE HEATER, BASE PAN HEATER, NEMA 3R DISCONNECT SWITCH, SNOW STAND. (17.5 SEER)/(9.3 HSPF). REFRIGERANT R-454B, 25.0 MCA AND 42 MOCP. - 208/230V/1
AC-3	TRANE	PEFY-L36NMUA	HORIZONTAL DUCTED INDOOR HEAT PUMP NOMINAL 3.0-TON, DISCONNECT SWITCH, FIELD LOCATED WIRED REMOTE CONTROLLER, BUILT-IN CONDENSATE PUMP. EXTERNAL CONDENSATE PUMP (SI30-230), COOLING 36,000 MAX., HEATING 40,000 BTUH @ 17°F, MAX. 40,000 BTUH @ 5°F - 3.0 MCA AND 15 MOCP. - 208/230V, 1Ø
HP-3	TRANE	MXZ-SM36NLHZ	HEAT PUMP UNIT INVERTER DRIVEN COMPRESSOR NOMINAL COOLING 3.0 TON, HIGH HEATING 42,000 BTUH @ 47° OAT, LOW HEATING 42,000 BTUH @ 5° OAT WITH CRANKCASE HEATER, BASE PAN HEATER, NEMA 3R DISCONNECT SWITCH, SNOW STAND. (17.5 SEER)/(9.3 HSPF). REFRIGERANT R-454B, 45.0 MCA AND 80 MOCP. - 208/230V/1
AC-4	TRANE	SLZ-AF09NL	CEILING CASSETTE-DUCTLESS SPLIT HEAT PUMP NOMINAL 0.75-TON, CEILING MOUNTED (24.68" x 24.68"), 360 AIRFLOW PANEL, DISCONNECT SWITCH, FIELD LOCATED WIRED REMOTE CONTROLLER, BUILT-IN CONDENSATE PUMP, EXTERNAL CONDENSATE PUMP (SI30-230), COOLING 9,000 MAX., HEATING 10,000 BTUH @ 17°F, MAX. 20,000 BTUH @ 5°F - 3.0 MCA AND 15 MOCP. - 208/230V, 1Ø
HP-4	TRANE	MXZ-2D20NLHZ	HEAT PUMP UNIT INVERTER DRIVEN COMPRESSOR NOMINAL COOLING 1.5 TON, HIGH HEATING 22,000 BTUH @ 47° OAT, LOW HEATING 22,000 BTUH @ 5° OAT WITH CRANKCASE HEATER, BASE PAN HEATER, NEMA 3R DISCONNECT SWITCH, SNOW STAND. (17.5 SEER)/(9.3 HSPF). REFRIGERANT R-454B, 21.7 MCA AND 38 MOCP. - 208/230V/1
AC-5	TRANE	MSZ-GX09NL	DUCTLESS SPLIT HEAT PUMP NOMINAL 3/4-TON, WALL MOUNTED, DISCONNECT SWITCH, FIELD LOCATED WIRED REMOTE CONTROLLER, BUILT-IN CONDENSATE PUMP, EXTERNAL CONDENSATE PUMP (SI30-230), COOLING 9,000 MAX., HEATING MAX 10,900 BTUH @ 17°F, MAX. 10,900 BTUH @ 5°F - 3.0 MCA - 208/230V, 1Ø
HP-5	TRANE	MUZ-GX09NLHZ	HEAT PUMP UNIT INVERTER DRIVEN COMPRESSOR NOMINAL COOLING 3/4 TON, HIGH HEATING 9,600 BTUH @ 47° OAT, LOW HEATING 9,600 BTUH @ 5° OAT WITH CRANKCASE HEATER, BASE PAN HEATER, NEMA 3R DISCONNECT SWITCH, SNOW STAND. (28.4 SEER2)/(10.2 HSPF2 IV). REFRIGERANT R-454B, 12.0 MCA AND 15 MOCP. - 208/230V/1

MARLBOROUGH FIRE DISTRICT

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DWG. TITLE

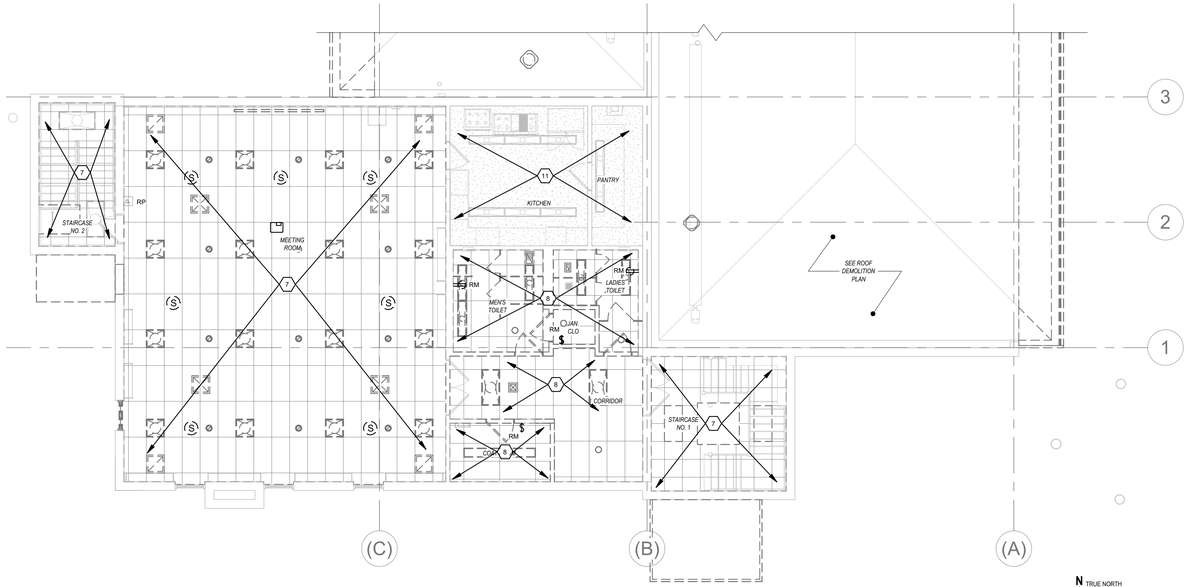
MECHANICAL:
EQUIPMENT SCHEDULES

0 1" 2"
GENERIC SCALE BAR
SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING. IF NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY.

DATE	06/15/2026		
SCALE	AS NOTED		
DWN.	DC/KC	CHK.	JT
PROJ. No.	653001		GA25057
DWG. No.			

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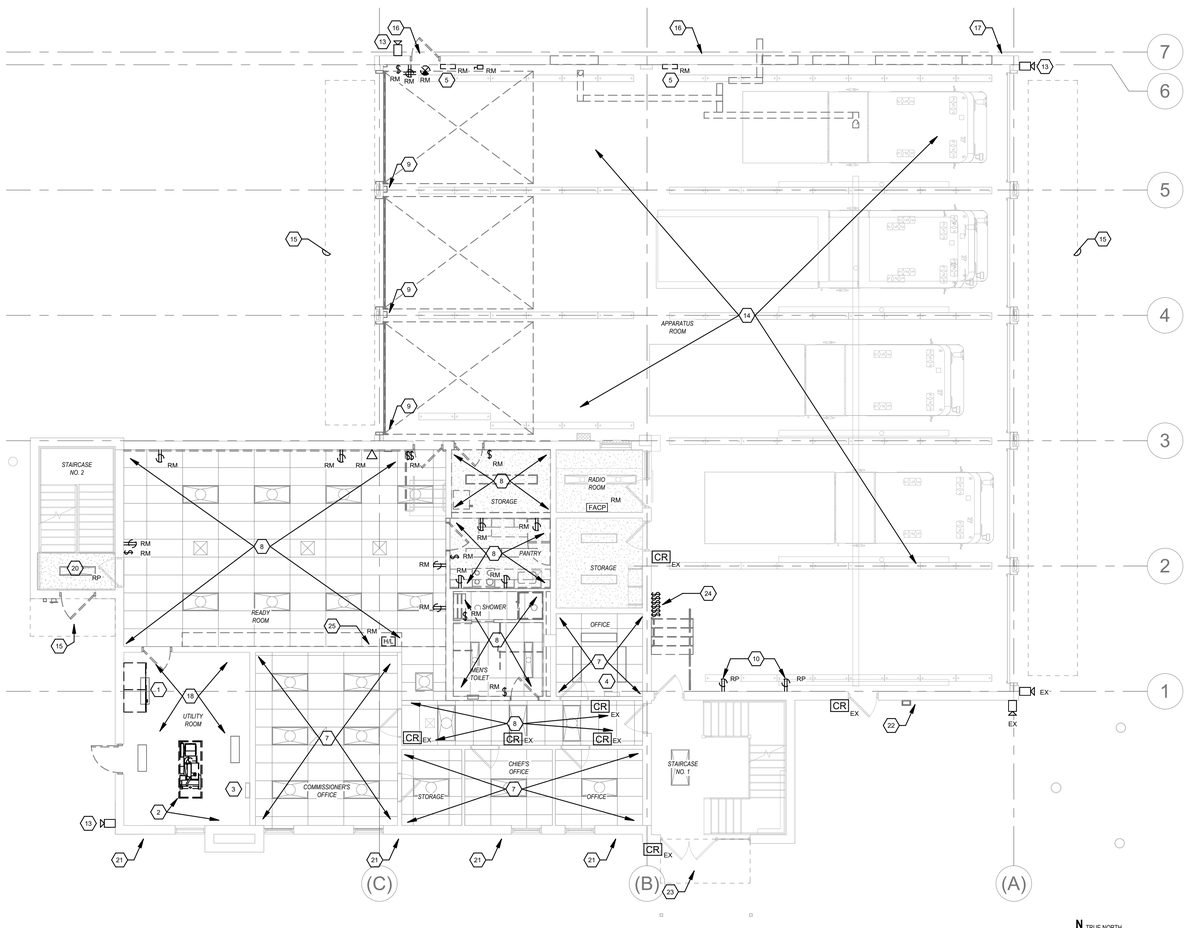
| Marlboro Firehouse | | |



2 ELECTRICAL - SECOND FLOOR DEMOLITION PLAN

SCALE: 1/8" = 1'-0"





1 ELECTRICAL - FIRST FLOOR DEMOLITION PLAN

SCALE: 1/8" = 1'-0"



POWER REMOVAL KEYED NOTES

#	NOTE TEXT
1	DEMOLISH EXISTING METER SOCKET, CURRENT TRANSFORMER, DISCONNECT SWITCH, DISTRIBUTION SWITCHBOARD, 'EM' DISCONNECT SWITCH, ETC.. DEMOLISH SERVICE ENTRANCE CONDUCTORS. CUT AND SEAL ABANDONED SERVICE ENTRANCE CONDUITS BELOW GRADE. REPAIR GRADE TO MATCH EXISTING, AS REQUIRED.
2	DEMOLISH EXISTING GENERATOR, TRANSFER SWITCH, CONDUIT, CONDUCTORS, ETC.. COORDINATE DEMOLITION OF GAS PIPING WITH NYS LICENSED CONTRACTOR. COORDINATE INFILL OF LOUVER(S) AND PIPE PENETRATIONS WITH THE GENERAL CONTRACTOR.
3	EXISTING PANEL 'E/M' TO REMAIN. DEMOLISH FEEDER CIRCUIT AND ASSOCIATED 100A/3P CIRCUIT BREAKER FOR PANEL 'LPA'.
4	EXISTING PANEL 'LPA' TO REMAIN. PREPARE PANEL TO RECEIVE NEW MAIN FEEDER CONDUCTORS.
5	DEMOLISH EXISTING ELECTRICAL PANEL, FEEDER CONDUIT AND CONDUCTORS TO PANEL, AND BRANCH CIRCUIT CONDUITS AND CONDUCTORS TO ASSOCIATED EQUIPMENT.
7	THIS CONTRACTOR SHALL BE RESPONSIBLE FOR DISCONNECTING, REMOVING, AND STORING EXISTING CEILING LIGHT FIXTURES, CEILING MOUNTED FIRE ALARM DEVICES, SPEAKERS, INTERNET BOOSTER, SECURITY DEVICES, AND ETC., AS REQUIRED. COORDINATE CEILING GRID REMOVAL WITH THE GENERAL CONTRACTOR. CAP AND SECURE CONDUCTORS FOR RECONNECTION IN NEW WORK. TEST AND DOCUMENT CONDITION OF FIXTURES AND DEVICES PRIOR TO REMOVAL. DAMAGE TO FIXTURES AND/OR DEVICES DURING REMOVAL, STORAGE, AND/OR REINSTALLATION BY THIS CONTRACTOR SHALL RESULT IN THE REPAIR OR REPLACEMENT AT NO ADDITIONAL COST TO THE OWNER.
8	CONTRACTOR SHALL DEMOLISH CEILING MOUNTED LIGHT FIXTURES, LIGHTING CONTROL DEVICES, LIGHTING BRANCH CIRCUITRY, FIRE ALARM DEVICES, FIRE ALARM CIRCUITRY, SECURITY DEVICES, SPEAKERS, ETC.
9	DEMOLISH MOTORIZED DOOR OPENER, ASSOCIATED CONTROLS, CONDUITS, CONDUCTORS, ETC.
10	DEMOLISH EXISTING RECESSED RECEPTACLE. PREPARE BRANCH CIRCUITRY TO BE MODIFIED AND EXTEND TO NEW SURFACE MOUNTED DEVICES.
11	EXISTING KITCHEN TO REMAIN. THIS CONTRACTOR SHALL MAINTAIN CIRCUITS DISRUPTED DURING CONSTRUCTION.
13	CAMERA - DISCONNECT AND RETURN TO OWNER. PULL BACK CAMERA CABLE TO ACCESSIBLE POINT WITHIN THE BUILDING. COORDINATE WITH OWNER'S CAMERA EQUIPMENT VENDOR TO TEST EQUIPMENT BEFORE REMOVAL.
14	EXISTING APPARATUS BAY LIGHT FIXTURES AND LIGHTING CONTROLS TO REMAIN. COORDINATE THE DISCONNECTION AND STORAGE OF FIXTURES REQUIRED TO BE REMOVED DURING CONSTRUCTION WITH OTHER TRADES.
15	DEMOLISH LIGHT FIXTURE(S) WITHIN CANOPY.
16	DEMOLISH WALL MOUNTED EXTERIOR LIGHT FIXTURE AND TURN OVER TO OWNER.
17	DEMOLISH PHOTOCELL, CONDUIT, AND CONDUCTORS.
18	THIS CONTRACTOR SHALL REPLACE EXISTING LIGHT FIXTURE BULBS WITH LED EQUIVALENT T-8 BULBS, AS REQUIRED.
20	REMOVE AND REPLACE 1'X4' LIGHT FIXTURE.
21	EXISTING WALL MOUNTED EXTERIOR LIGHT FIXTURE, DISCONNECT AND SECURE DURING DEMOLITION, RECONNECT IN NEW WORK.
22	EXISTING WALL MOUNTED EXTERIOR LIGHT FIXTURE, DISCONNECT AND RETURN TO OWNER. DEMOLISH CONDUCTORS BACK TO SOURCE. FURNISH AND INSTALL WEATHERPROOF BLANK COVER PLATE. COORDINATE COLOR TO MATCH WITH SURROUNDING.
23	EXISTING CANOPY MOUNTED LIGHT FIXTURE TO BE REPLACED (NOT SHOWN), DISCONNECT AND PULL BACK EXISTING LIGHTING CIRCUITRY TO AN ACCESSIBLE JUNCTION POINT FOR CONNECTION IN NEW WORK.
24	EXISTING LIGHTING BRANCH CIRCUITS AND CONTROL CIRCUITS SHALL BE PULLED BACK TO AN ACCESSIBLE JUNCTION POINT. DEMOLISH LIGHTING CONTROLS AND BACK BOX.
25	EXISTING PRINTER/SCANNER TO BE REMOVED BY OWNER. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR DEMOLITION OF EXISTING WIRING & CABLES ASSOCIATED WITH REMOVED EQUIPMENT IN INCLUDE BUT NOT LIMITED TO SPEAKER CABLE, DATA CABLE, BRANCH CIRCUITRY, AND ETC.

ELECTRICAL REMOVAL SCHEDULE

SYMBOL	DESCRIPTION
RM	LIGHT, WIRING DEVICE, OR EQUIPMENT TO BE REMOVED. REMOVE INACTIVE WIRING + CONDUIT BACK TO CIRCUIT BEAKER PANEL OR TO ADJACENT BOX OR OUTLET WHERE CIRCUIT IS TO REMAIN ACTIVE UNLESS INDICATED OTHERWISE.
EX	EXISTING LIGHT, WIRING DEVICE, OR EQUIPMENT TO REMAIN. EXTEND/MODIFY CIRCUITRY AS NECESSARY FOR EQUIPMENT TO REMAIN ACTIVE.
RP	EXISTING LIGHT, WIRING DEVICE OR EQUIPMENT TO BE DISCONNECTED, RELOCATED, AND RECONNECTED. REPLACE DEVICE AND COVER PLATE WITH NEW.
	DUPLEX RECEPTACLE, 120V
$	TOGGLE SWITCH / LIGHTING CONTROL DEVICE
P	MANUAL FIRE ALARM PULL STATION
L H/L	FIRE ALARM NOTIFICATION DEVICE
	2'x2' LIGHT FIXTURE
	2'x4' LIGHT FIXTURE
	1'x4' LIGHT FIXTURE
S	CEILING MOUNTED FIRE ALARM DETECTION DEVICE (SMOKE, HEAT)
FACP	FIRE ALARM CONTROL PANEL
	SECURITY CAMERA
	DATA/COMMUNICATION CONNECTION

ELECTRICAL DEMOLITION NOTES

1. ALL DEVICES, FIXTURES, PANELS, AND ETC ARE SHOWN BASED ON CASUAL FIELD OBSERVATIONS AND SHOULD BE VERIFIED IN FIELD BY THIS CONTRACTOR.
2. ELECTRICAL CONTRACTOR SHALL REFER TO ARCHITECTURAL DRAWINGS AND SCHEDULES FOR ADDITIONAL DEMOLITION NOTES .

MARLBOROUGH FIRE DISTRICT

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MARLBOROUGH FIRE STATION ADDITIONS AND RENOVATION

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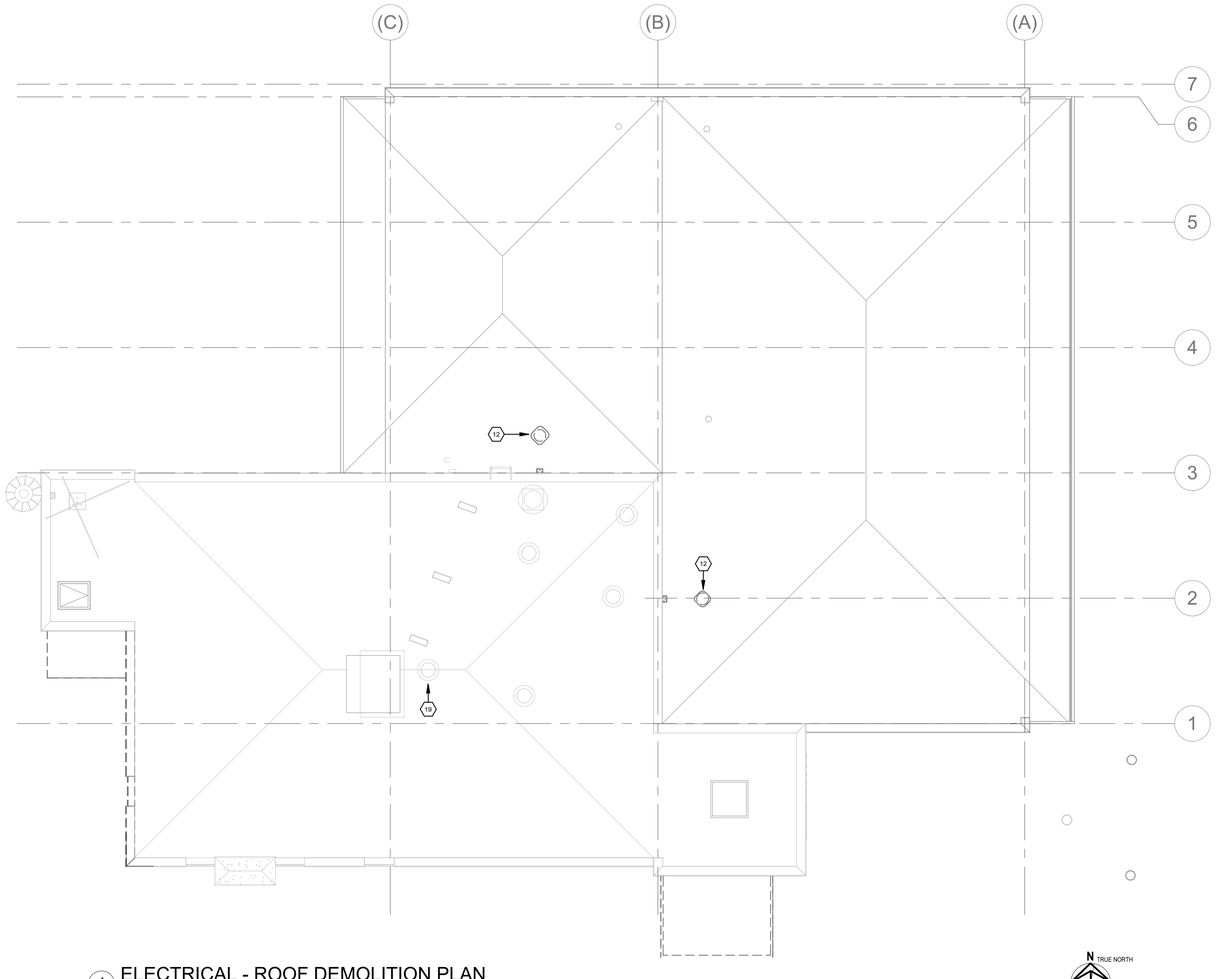
DWG. TITLE

ELECTRICAL:
DEMOLITION PLANS

0 1" 2"
GENERIC SCALE BAR
SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING. IF NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY

DATE	06/15/2026
SCALE	As indicated
DWN.	RL/KC CHK. WH
PROJ. No.	653001
DWG. No.	

ED101



1 ELECTRICAL - ROOF DEMOLITION PLAN
SCALE: 1/8" = 1'-0"

N TRUE NORTH

POWER REMOVAL KEYED NOTES	
#	NOTE TEXT
12	ROOF TOP UNIT - DEMOLISH CONDUITS AND CONDUCTORS BACK TO SOURCE, AND DISCONNECT SWITCH. COORDINATE DEMOLITION WITH OTHER TRADES.
19	EXHAUST FAN - DEMOLISH CONDUITS AND CONDUCTORS BACK TO SOURCE. COORDINATE DEMOLITION WITH OTHER TRADES.

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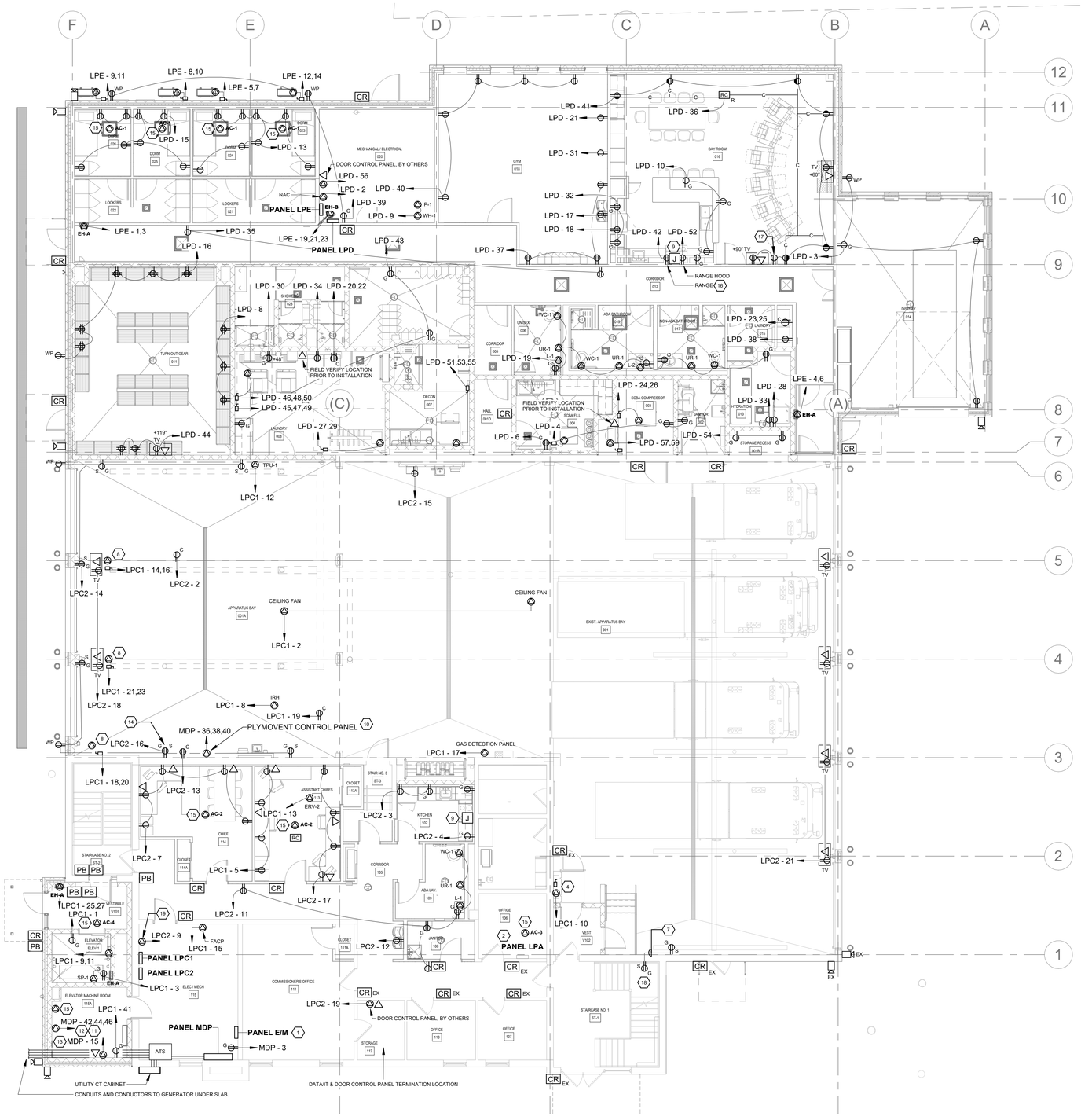
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DWG. No.	

ED102



1 ELECTRICAL - FIRST FLOOR AND APPARATUS BAY POWER PLAN
SCALE: 1/8" = 1'-0"

N TRUE NORTH

POWER PLAN KEYED NOTES

#	DESCRIPTION
1	EXISTING PANEL 'E/M'. REFER TO POWER SCHEMATIC DETAIL FOR FEEDER CIRCUITRY INFORMATION.
2	EXISTING PANEL 'LPA'. REFER TO POWER SCHEMATIC DETAIL FOR FEEDER CIRCUITRY INFORMATION.
4	LIFT - COORDINATE INSTALLATION OF DISCONNECT SWITCH AND BRANCH CIRCUIT TERMINATIONS WITH LIFT EQUIPMENT INSTALLER. FIELD VERIFY EQUIPMENT MOUNTING LOCATIONS.
7	EXTEND (2) #12 THHN, #12G IN 3/4" EMT TO RELOCATED SURFACE MOUNTED RECEPTACLES.
8	OVERHEAD MOTORIZED DOOR OPENER - COORDINATE INSTALLATION WITH OWNER'S EQUIPMENT VENDOR. FIELD VERIFY MOTOR ELECTRICAL CONFIGURATION AND REQUIREMENTS WITH MANUFACTURER'S SPECIFICATIONS. THIS CONTRACTOR SHALL FURNISH AND INSTALL 4"X4" JUNCTION BOX WITH 3/4" EMT TO OVERHEAD DOOR MOTOR CONTROLLER FOR DOOR CONTROLS AND SAFETY LIGHTS. FURNISH AND INSTALL CONTROL WIRING IN ACCORDANCE WITH THE OVERHEAD DOOR EQUIPMENT SPECIFICATIONS. REFER TO ARCHITECTURAL DETAILS FOR ADDITIONAL INFORMATION.
9	FURNISH AND INSTALL JUNCTION BOX WITH CONDUIT AND NYLON DRAG LINE TO ACCESSIBLE POINT ABOVE CEILING. MOUNT JUNCTION BOX 6" +AFF FOR FUTURE ELECTRICAL CONNECTION TO RANGE. FURNISH JUNCTION BOX WITH BLANK METAL COVER PLATE.
10	EXTEND (3) #8 THHN, #10G, IN 1" EMT FOR PLYMOVENT EXHAUST FAN ON ROOF ABOVE. FIELD VERIFY MOUNTING LOCATION OF EQUIPMENT WITH OWNER'S EQUIPMENT INSTALLER.
11	ELEVATOR - THIS CONTRACTOR SHALL COORDINATE ALL EQUIPMENT LOCATIONS AND TERMINATIONS WITH APPROVED ELEVATOR SHOP DRAWINGS AND EQUIPMENT INSTALLER PRIOR TO INSTALLATION. THIS CONTRACTOR SHALL FURNISH AND INSTALL 200A 3-POLE HEAVY DUTY FUSED DISCONNECT SWITCH FURNISHED WITH (3) 150A DUAL ELEMENT TIME DELAY CLASS J FUSES, VERIFY MOUNTING LOCATION.
12	EXTEND 1" EMT FROM ATS TO ELEVATOR CONTROL PANEL WITH NYLON DRAG LINE. COORDINATE EQUIPMENT REQUIRED FOR COMMUNICATION BETWEEN THE ATS, GENERATOR, AND ELEVATOR WITH ALL ASSOCIATED VENDORS.
13	ELEVATOR CAB - THIS CONTRACTOR SHALL COORDINATE ALL EQUIPMENT LOCATIONS AND TERMINATIONS WITH APPROVED ELEVATOR SHOP DRAWINGS AND EQUIPMENT INSTALLER PRIOR TO INSTALLATION. THIS CONTRACTOR SHALL FURNISH AND INSTALL 30A NON-FUSED DISCONNECT SWITCH TO SERVE THE CAB LIGHTING POWER, VERIFY MOUNTING LOCATION. EXTEND CAT6 CABLE TO ELEVATOR CAB, AS REQUIRED.
14	TYPICAL FOR SURFACE MOUNTED RECEPTACLES WITHIN THE APPARATUS BAY; RECEPTACLES SHALL BE MOUNTED +44" AFF TO CENTER LINE OF DEVICE BOX.
15	INDOOR AC UNIT POWERED BY OUTDOOR UNIT. EXTEND #14/4 MINI-SPLIT CABLE FROM OUTDOOR UNIT TO INDOOR UNIT TERMINATION LOCATION. ROUTE CABLE WITH REFRIGERANT PIPING. COORDINATE WITH THE MECHANICAL CONTRACTOR.
16	RECEPTACLE SHALL BE CAPABLE OF BEING SHUT DOWN BY RANGE HOOD CONTROLLER. COORDINATE RANGE RECEPTACLE BACK BOX WITH APPROVED RANGE HOOD EQUIPMENT.
17	RELOCATE EXISTING SCANNER. COORDINATE FINAL MOUNTING LOCATION WITH ARCHITECT, PRIOR TO INSTALLATION.
18	RECEPTACLE SHALL BE MOUNTED UNDER STAIR LANDING.
19	DOOR ACCESS CONTROL POWER UNIT. LOCATION SHOWN FOR REFERENCE ONLY. THIS CONTRACTOR SHALL VERIFY EXACT LOCATION WITH OWNER'S APPROVED EQUIPMENT INSTALLED PRIOR TO INSTALLATION.

MARLBOROUGH FIRE DISTRICT

MARLBORO HOSE CO. NO. 1
14 GRAND STREET,
MARLBORO, NY 12542

MARLBOROUGH FIRE STATION ADDITIONS AND RENOVATION

CONSTRUCTION DOCUMENTS

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NO.	REVISIONS	DATE
0	ISSUED FOR BID	06/15/2026

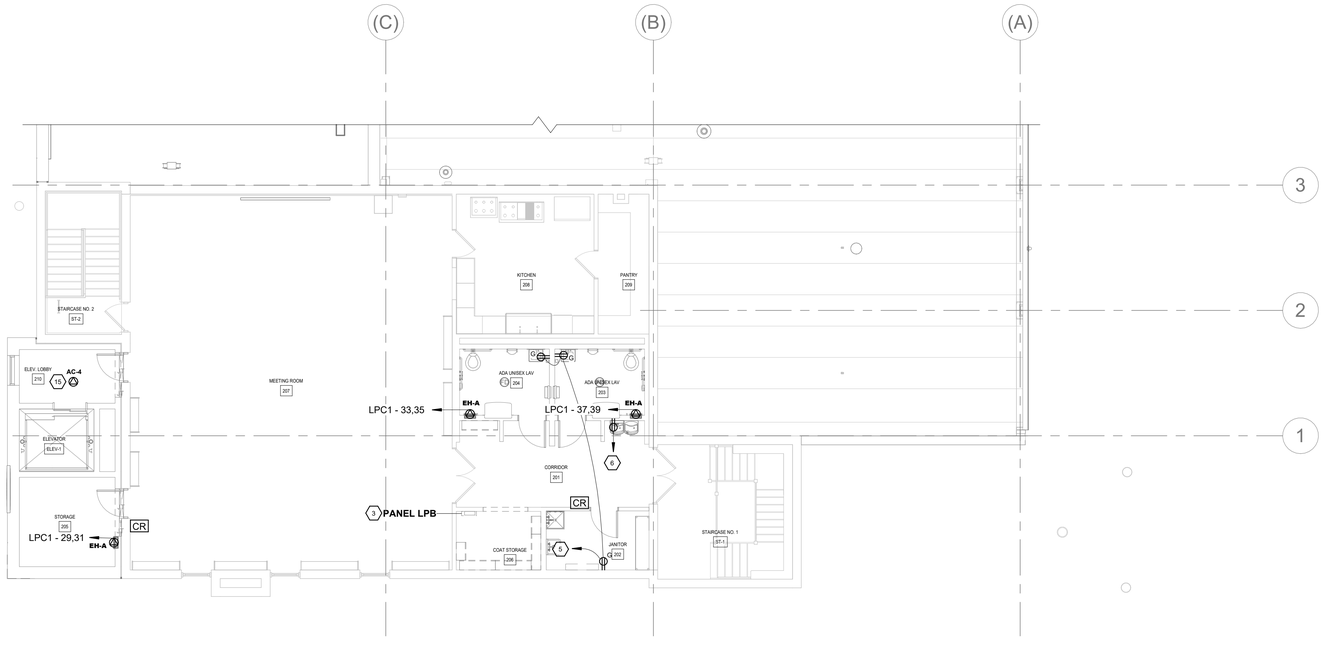
DWG. TITLE

ELECTRICAL:
FIRST FLOOR AND APPARATUS BAY POWER PLAN

0 1" 2"
GENERIC SCALE BAR
SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING. IF NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY

DATE	06/15/2026
SCALE	1/8" = 1'-0"
DWN.	RL/KC
CHK.	WH
PROJ. No.	653001
DWG. No.	

E101



1 ELECTRICAL - SECOND FLOOR POWER PLAN
SCALE: 1/8" = 1'-0"

N TRUE NORTH

POWER PLAN KEYED NOTES	
#	DESCRIPTION
3	EXISTING PANEL 'LPB'. REFER TO POWER SCHEMATIC DETAIL FOR FEEDER CIRCUITRY INFORMATION..
5	EXTEND (2) #12 THHN, #12G, IN 3/4" EMT TO NEW 20A/1P CIRCUIT BREAKER IN PANEL LPB. CIRCUIT BREAKER SHALL BE LISTED FOR USE IN PANEL 'LPB' AND OF MATCHING AIC RATING.
6	EXTEND (2) #12 THHN, #12G, IN 3/4" EMT TO NEW 20A/1P GFCI TYPE CIRCUIT BREAKER IN PANEL LPB. CIRCUIT BREAKER SHALL BE LISTED FOR USE IN PANEL 'LPB' AND OF MATCHING AIC RATING.
15	INDOOR AC UNIT POWERED BY OUTDOOR UNIT. EXTEND #14/4 MINI-SPLIT CABLE FROM OUTDOOR UNIT TO INDOOR UNIT TERMINATION LOCATION. ROUTE CABLE WITH REFRIGERANT PIPING. COORDINATE WITH THE MECHANICAL CONTRACTOR.

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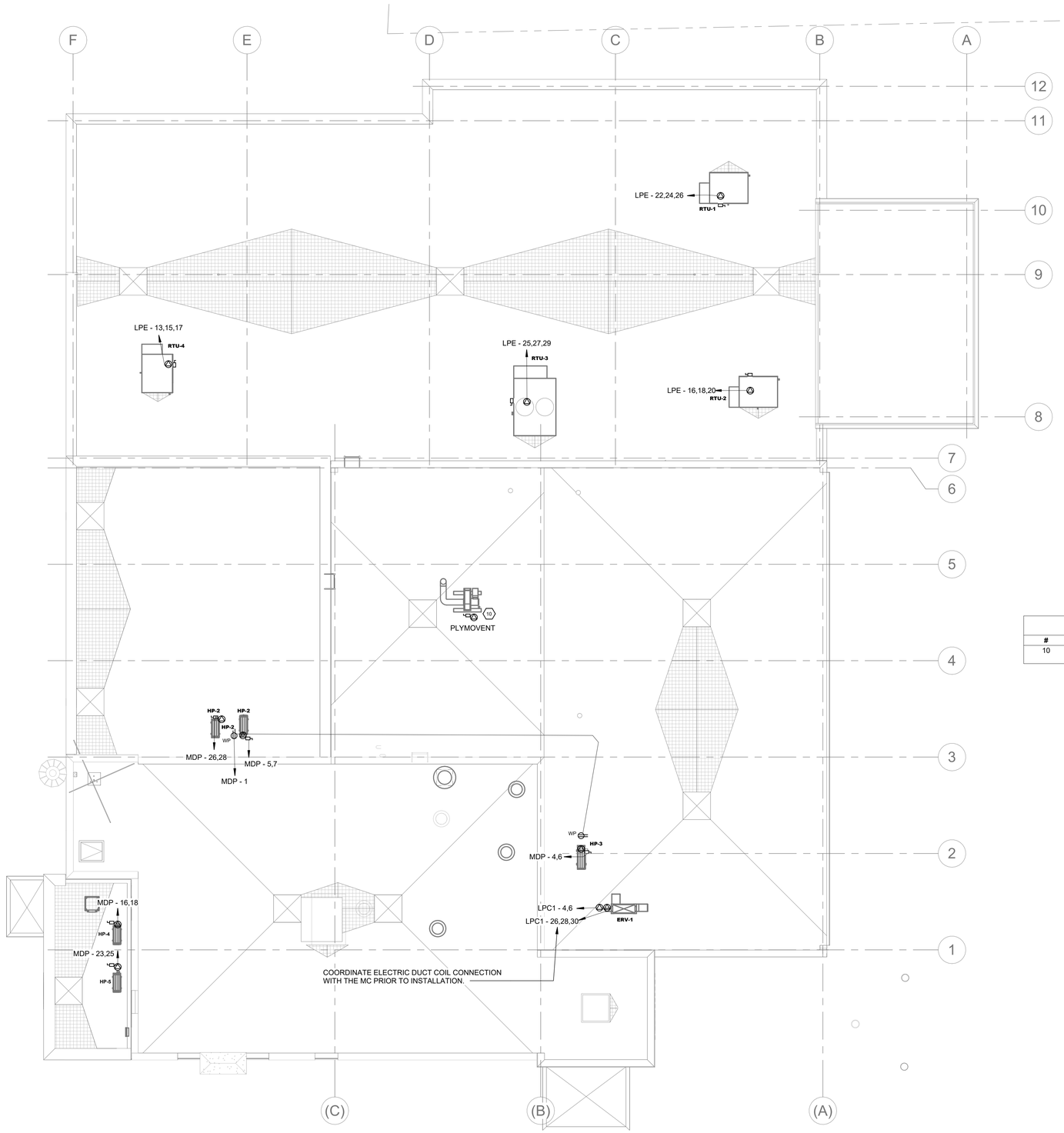
NO.	REVISIONS	DATE
0	ISSUED FOR BID	06/15/2026

DWG. TITLE

ELECTRICAL:
SECOND FLOOR POWER PLAN

0 1" 2"
GENERIC SCALE BAR
SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING. IF NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY.

DATE	06/15/2026
SCALE	1/8" = 1'-0"
DWN.	RL/KC
CHK.	WH
PROJ. No.	653001
DWG. No.	E102



1 ELECTRICAL - ROOF PLAN
SCALE: 1/8" = 1'-0"

N TRUE NORTH

POWER PLAN KEYED NOTES	
#	DESCRIPTION
10	EXTEND (3) #8 THHN, #10G, IN 1" EMT FOR PLYMOVENT EXHAUST FAN ON ROOF ABOVE. FIELD VERIFY MOUNTING LOCATION OF EQUIPMENT WITH OWNER'S EQUIPMENT INSTALLER.

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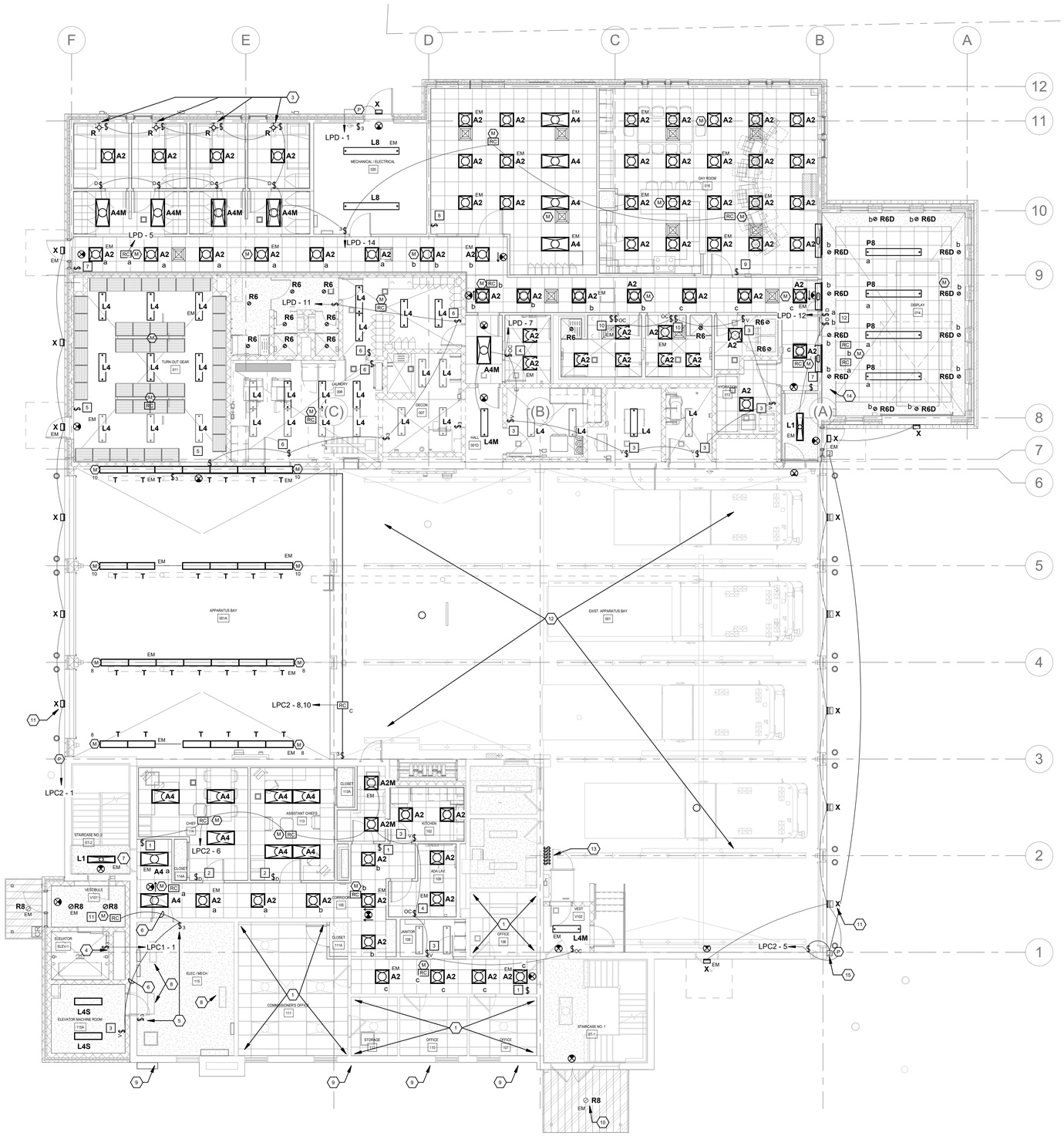
DWG. TITLE

ELECTRICAL:
ROOF PLAN

0 1" 2"
GENERIC SCALE BAR
SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING. IF NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY

DATE	06/15/2026
SCALE	1/8" = 1'-0"
DWN.	RL/KC CHK. WH
PROJ. No.	653001
DWG. No.	

E103



1 ELECTRICAL - FIRST FLOOR AND APPARATUS BAY LIGHTING PLAN
SCALE: 1/8" = 1'-0"

LIGHTING PLAN KEYED NOTES

#	DESCRIPTION
1	REINSTALL EXISTING CEILING LIGHT FIXTURES, CEILING MOUNTED FIRE ALARM DEVICES, SPEAKERS, INTERNET BOOSTER, SERCUITY DEVICES, AND ETC., AS REQUIRED. EXTEND/MODIFY EXISTING CIRCUITRY AS REQUIRED. TEST AND DOCUMENT CONDITION OF THE FIXTURES AND DEVICES AFTER INSTALLATION. DAMAGE TO FIXTURES AND/OR DEVICES DURING REMOVAL, STORAGE, AND/OR REINSTALLATION BY THIS CONTRACTOR SHALL RESULT IN THE REPAIR OR REPLACEMENT AT NO ADDITIONAL COST TO THE OWNER.
3	SWITCH INTEGRAL WITH READING LIGHT, VERIFY FIXTURE MOUNTING LOCATION WITH ARCHITECTURAL DRAWINGS PRIOR TO INSTALLATION.
4	FURNISH AND INSTALL VERTICAL LENGTH OF OMNI LIGHT HVR-120-41-SHO-CH2-HW-28'0" STRIP LIGHT IN ALUMINUM HOUSING WITH LENS. FIXTURE SHALL BE MOUNTED SUCH THAT IT DOES NOT INTERFER WITH THE MOVING PARTS. FIXTURE SHALL BE IP65 RATED. FIXTURE SHALL BE CONTROLLED BY LOCAL SWITCH AT EACH LANDING. VERIFY MOUNTING LOCATION OF FIXTURE AND SWITCH WITH APPROVED ELEVATOR SUBMITTAL.
5	RECONFIGURE EXISTING LIGHTING CIRCUITRY FROM SINGLE SWITCH TO 3-WAY SWITCHING. EXTEND/MODIFY EXISTING LIGHTING CONTROL CIRCUITRY TO ADDITIONAL DEVICES.
6	EXTEND EXISTING LIGHTING BRANCH CIRCUIT TO ADDITIONAL LIGHTING CONTROL DEVICE.
7	EXTEND/MODIFY EXISTING LIGHTING CIRCUITRY TO ADDITIONAL LIGHT FIXTURES.
8	RELAMP EXISTING LIGHT FIXTURES WITH LISTED, DIRECT WIRE, LED RETRO-FIT BULBS.
9	INSTALL EXISTING EXTERIOR FIXTURE. EXTEND/MODIFY BRANCH CIRCUITRY, AS REQUIRED.
10	EXTEND/MODIFY EXISTING LIGHTING CIRCUITRY TO NEW LIGHT FIXTURE.
11	TYPICAL OF ALL EXTERIOR MOUNTED FIXTURES, COORDINATE MOUNTING HEIGHT WITH ARCHITECTURAL DRAWINGS.
12	EXISTING APPARATUS BAY LIGHTING FIXTURES AND LIGHTING CONTROLS TO REMAIN. INSTALL AND RECONNECT FIXTURES REQUIRED TO BE DISCONNECTED DURING CONSTRUCTION FOR COORDINATION WITH OTHER TRADES.
13	EXTEND/MODIFY EXISTING LIGHTING BRANCH CIRCUITS AND CONTROL CIRCUITS TO RELOCATED LIGHTING CONTROLS. FURNISH AND INSTALL SURFACE MOUNTED SIX GANG BOX, NEW TOGGLE SWITCHES TO MATCH EXISTING, AND PAINTABLE METAL COVER PLATE. NO MORE THAN (9) CURRENT CARRYING CONDUCTORS SHALL SHARE A SINGLE CONDUIT.
14	TROPHY CASE LIGHTING. REFER TO CUSTOM DISPLY LIGHTING DETAIL FOR MORE INFORMATION.
15	TYPICAL OF (2); FURNISH AND INSTALL RECESSED OCTAGON LIGHT FIXTURE JUNCTION BOX IN EXISTING EXTERIOR CMU WALL. EXTEND CONDUIT AND CONDUCTORS BETWEEN JUNCTION BOXES IN EXPOSED CONDUIT IN THE APPARATUS BAY. LIGHT FIXTURES SHALL BE PROVIDED BY THE OWNER AND INSTALLED BY THIS CONTRACTOR. COORDINATE MOUNTING HEIGHT OF BOXES WITH THE ARCHITECT PRIOR TO INSTALLATION.

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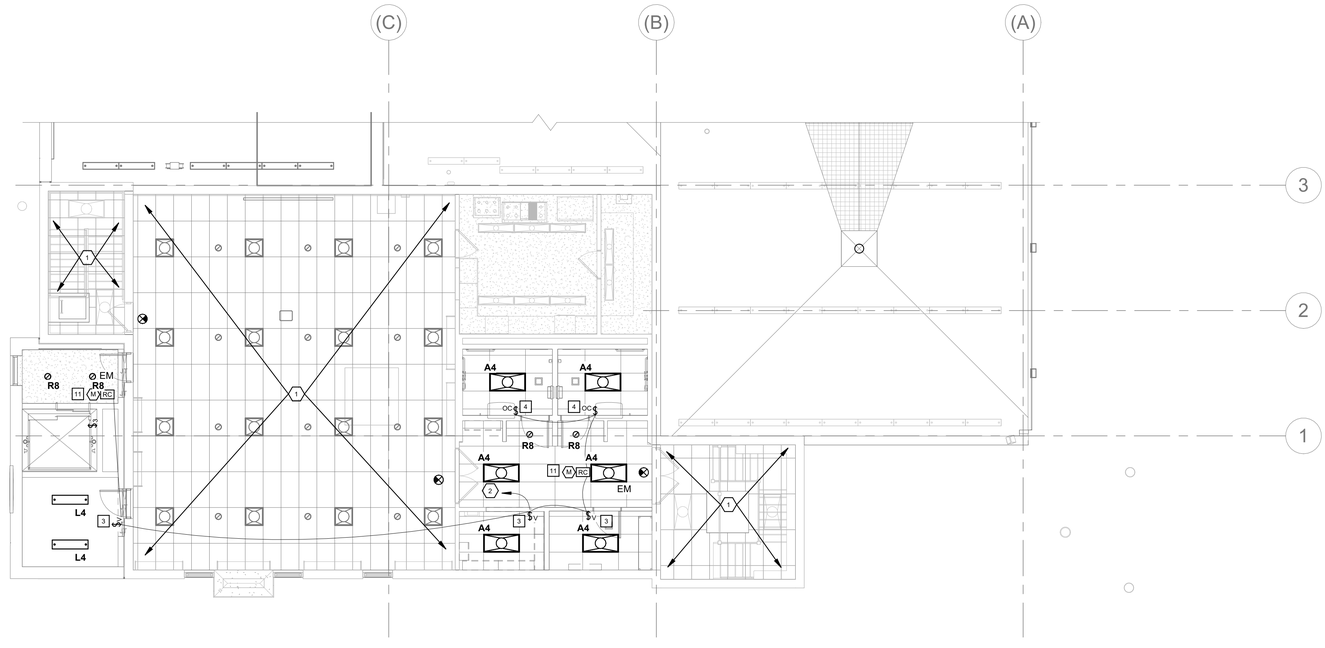
DWG. TITLE

ELECTRICAL:
FIRST FLOOR LIGHTING PLAN

0 1" 2"
GENERIC SCALE BAR
SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING. IF NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY

DATE	06/15/2026
SCALE	1/8" = 1'-0"
DWN.	RL/KC
CHK.	WH
PROJ. No.	653001
DWG. No.	

E301



1 ELECTRICAL - SECOND FLOOR LIGHTING PLAN
SCALE: 1/8" = 1'-0"

N TRUE NORTH

LIGHTING PLAN KEYED NOTES

#	DESCRIPTION
1	REINSTALL EXISTING CEILING LIGHT FIXTURES, CEILING MOUNTED FIRE ALARM DEVICES, SPEAKERS, INTERNET BOOSTER, SERCUITY DEVICES, AND ETC., AS REQUIRED. EXTEND/MODIFY EXISTING CIRCUITRY AS REQUIRED. TEST AND DOCUMENT CONDITION OF THE FIXTURES AND DEVICES AFTER INSTALLATION. DAMAGE TO FIXTURES AND/OR DEVICES DURING REMOVAL, STORAGE, AND/OR REINSTALLATION BY THIS CONTRACTOR SHALL RESULT IN THE REPAIR OR REPLACEMENT AT NO ADDITIONAL COST TO THE OWNER.
2	EXTEND (2) #12 THHN, #12G, IN 3/4" EMT TO NEW 20A/1P CIRCUIT BREAKER IN PANEL LPB. CIRCUIT BREAKER SHALL BE LISTED FOR USE IN PANEL 'LPB' AND OF MATCHING AIC RATING.

MARLBOROUGH FIRE DISTRICT

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MARLBOROUGH FIRE STATION
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DWG. TITLE

ELECTRICAL:
SECOND FLOOR LIGHTING PLAN

0 1" 2"
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DATE	06/15/2026		
SCALE	1/8" = 1'-0"		
DWN.	RL/KC	CHK.	WH
PROJ. No.	653001		
DWG. No.			

E302

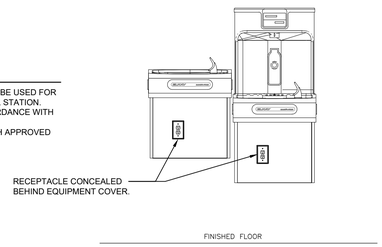
GENERAL DETAIL NOTES

(APPLIES TO SHEET E601 THRU E604 ONLY)

1. DETAILS ARE FOR REFERENCE ONLY. APPROVED PRODUCT INSTALLATION INSTRUCTIONS MAY VARY.
2. THIS CONTRACTOR IS RESPONSIBLE FOR INSTALLING PRODUCTS IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS. THE INSTALLATION SHALL INCLUDE BUT NOT BE LIMITED TO REQUIRED ELECTRICAL BOXES, MOUNTING HARDWARE, ETC.
3. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR MEETING THE OVERALL INTENT OF FUNCTION / OPERATION OF THE DETAILED DESIGN. CONTACT THE ENGINEER FOR APPROVAL TO CHANGE THE FUNCTION / OPERATION OF THE DETAILED DESIGN WHERE THERE IS A CONFLICT WITH THE MANUFACTURER'S INSTRUCTIONS OR FIELD CONDITIONS.

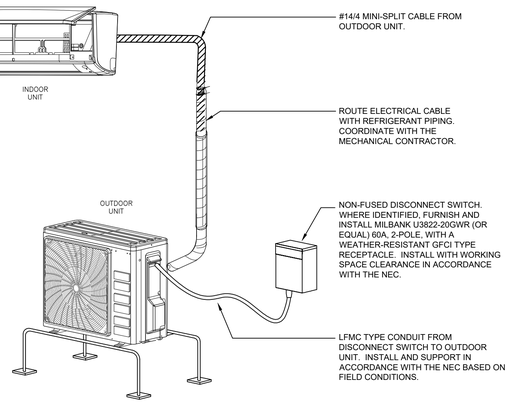
DETAIL NOTES:

1. GFCI TYPE RECEPTACLES SHALL NOT BE USED FOR DRINKING FOUNTAIN AND BOTTLE FILL STATION. PROVIDE GFCI PROTECTION IN ACCORDANCE WITH 2023 NEC 210.8 & 422.5.
2. COORDINATE MOUNTING HEIGHT WITH APPROVED EQUIPMENT TO BE INSTALLED.



1 WATER FOUNTAIN RECEPTACLE DETAIL

NOT TO SCALE



NOTES:

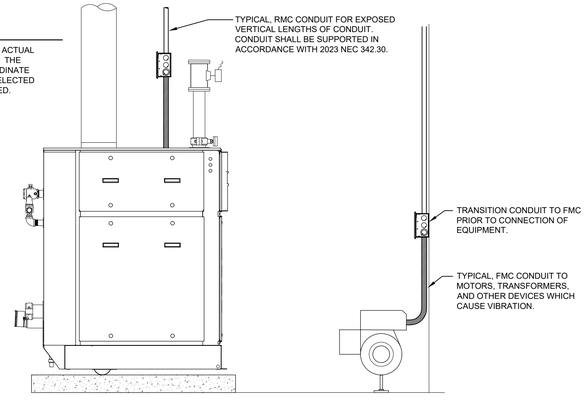
1. COORDINATE INSTALLATION WITH THE MECHANICAL CONTRACTOR, AND SELECTED EQUIPMENT MANUFACTURER'S SPECIFICATIONS.
2. WHERE MANUFACTURER REQUIRES A DISCONNECT SWITCH AT THE INDOOR UNIT, THE ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL A DISCONNECT SWITCH AT THE INDOOR UNIT IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.

2 INDOOR/OUTDOOR UNIT ELECTRICAL CONNECTION DETAIL

NOT TO SCALE

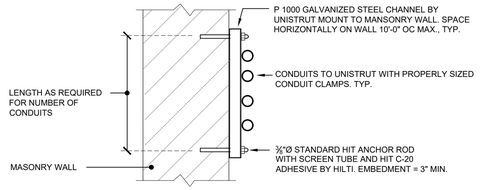
DETAIL NOTES:

1. DETAIL DOES NOT REFLECT ACTUAL EQUIPMENT CONNECTIONS. THE CONTRACTOR SHALL COORDINATE CONNECTIONS WITH THE SELECTED EQUIPMENT TO BE INSTALLED.



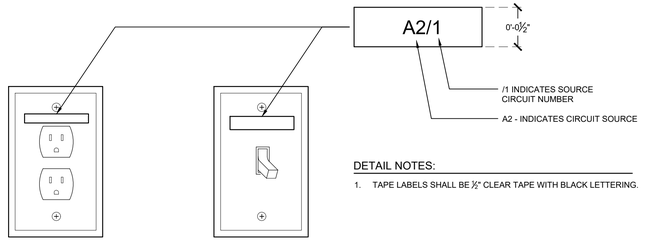
3 CONDUIT CONNECTION TO EQUIPMENT DETAIL

NOT TO SCALE



4 TYPICAL CONDUIT SUPPORT ON MASONRY DETAIL

NOT TO SCALE

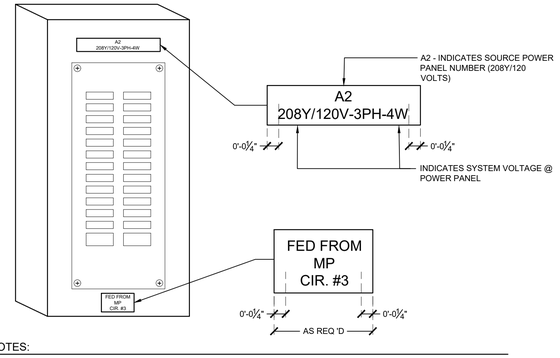


DETAIL NOTES:

1. TAPE LABELS SHALL BE ½" CLEAR TAPE WITH BLACK LETTERING.

5 TYPICAL DEVICE IDENTIFICATION DETAIL

NOT TO SCALE

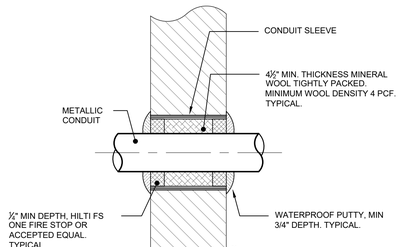


DETAIL NOTES:

1. LETTERS SHALL BE UPPERCASE, CONDENSED BLOCK TYPE
2. NAMEPLATES SHALL BE ENGRAVED LAMICOID
3. FASTEN TO NEMA 1, 9, & 12 ENCLOSURE WITH DOUBLE-FACED URETHANE FOAM TAPE 3M #70-0024-8019-5.
4. FASTEN TO NEMA 3R & 4 ENCLOSURE WITH SILICON ADHESIVE.

6 TYPICAL POWER PANEL IDENTIFICATION DETAIL

NOT TO SCALE

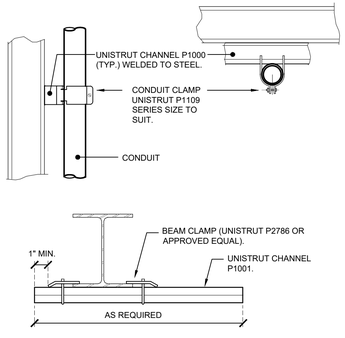


7 TYPICAL ABOVE GRADE CONDUIT EXTERIOR MASONRY WALL PENETRATION DETAIL

NOT TO SCALE

8 TYPICAL CONDUIT RATED GYPSUM WALL PENETRATION DETAIL

NOT TO SCALE



9 CONDUIT SUPPORTED FROM STRUCTURAL STEEL

NOT TO SCALE

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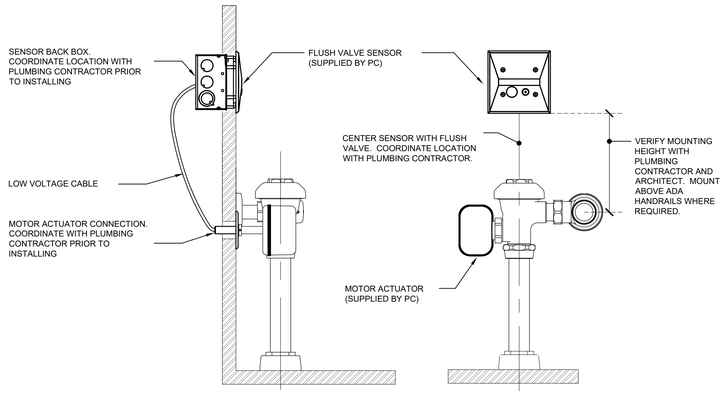
DWG. TITLE

ELECTRICAL:
DETAILS

GENERIC SCALE BAR
SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING. IF NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY

DATE	06/15/2026
SCALE	AS NOTED
DWN.	RL
CHK.	WH
PROJ. No.	653001
	GA25057
DWG. No.	

E601



DETAIL NOTES:

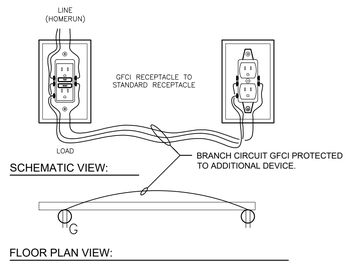
1. ELECTRICAL CONTRACTOR SHALL COORDINATE MOUNTING LOCATIONS AND EQUIPMENT CONNECTIONS WITH THE PLUMBING CONTRACTOR PRIOR TO INSTALLATION.
2. ELECTRICAL CONTRACTOR SHALL VERIFY SENSOR IS NOT BLOCKED BY ADA HANDRAILS, WHERE REQUIRED. COORDINATE WITH ARCHITECT PRIOR TO INSTALLATION.

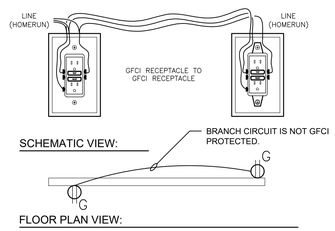
1 TYPICAL FLUSH VALVE SENSOR INSTALLATION DETAIL

NOT TO SCALE

DETAIL NOTES:

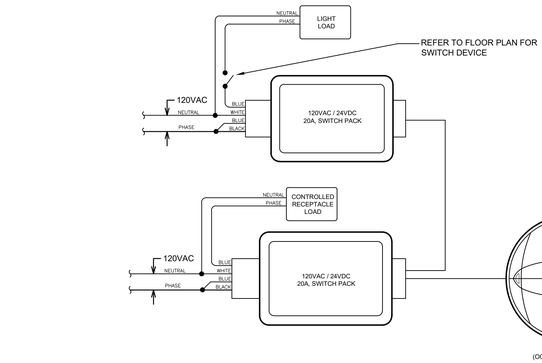
1. RECEPTACLE WIRING SHOWN FOR REFERENCE ONLY. REFER TO APPROVED DEVICE INSTALLATION INSTRUCTION FOR MORE INFORMATION.





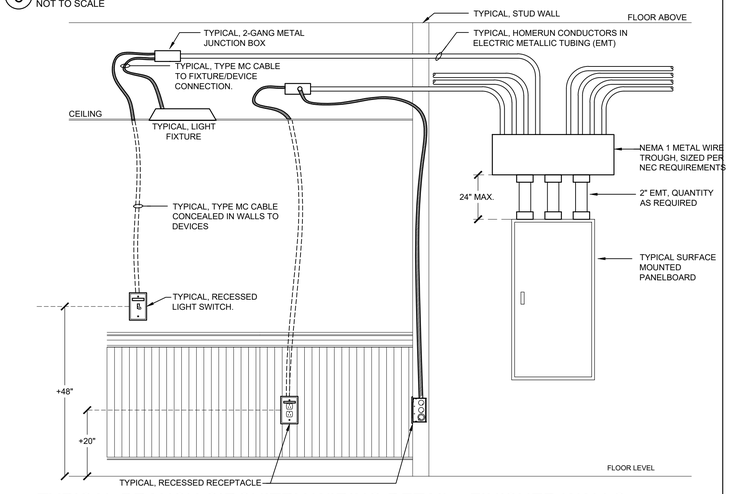
4 GFCI RECEPTACLE CIRCUITRY DETAIL

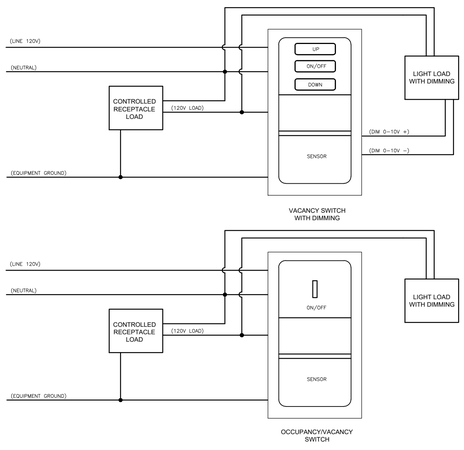
NOT TO SCALE



6 ROOM CONTROLLER SCHEMATIC DETAIL - CEILING MOUNTED

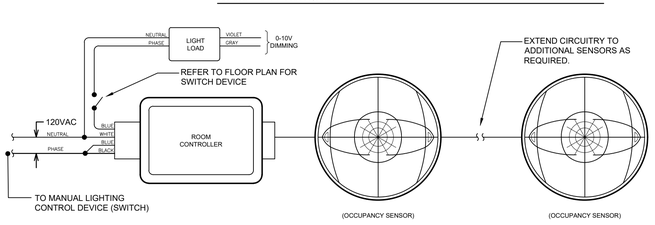
NOT TO SCALE





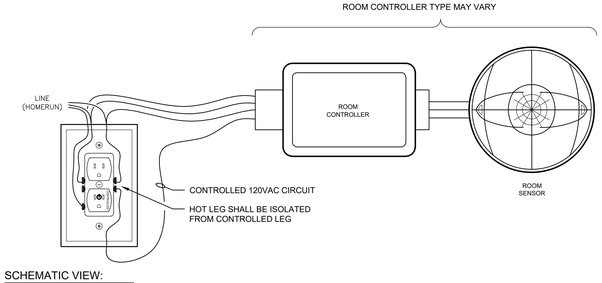
2 ROOM CONTROLLER SCHEMATIC DETAIL - WALL MOUNTED

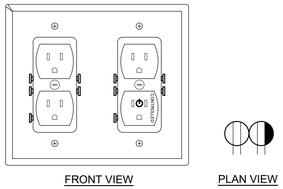
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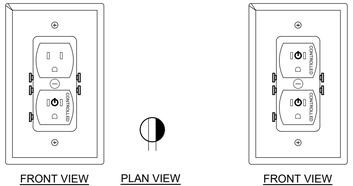


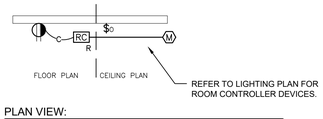
5 SENSOR SCHEMATIC AND MOUNTING DETAIL

NOT TO SCALE









DETAIL NOTES:

1. RECEPTACLE WIRING SHOWN FOR REFERENCE ONLY. REFER TO APPROVED DEVICE INSTALLATION INSTRUCTION FOR MORE INFORMATION.
2. RECEPTACLE SHALL COMPLY WITH NEC 406.3 AND 2025 ECCCNYS C405.12
3. ROOM CONTROLLER SHALL INCLUDE BUT NOT LIMITED TO WALL SENSOR SWITCH, CEILING MOUNTED SINGLE ZONE SENSOR CONTORLLER, MULTI-ZONE ROOM CONTROLLER, TIME CLOCK, ETC. REFER TO CEILING PLAN, EQUIPMENT SCHEDULE, AND ROOM CONTROL SCHEDULE FOR ADDITIONAL INFORMATION.

3 CONTROLLED RECEPTACLE DETAIL

NOT TO SCALE

7 TYPICAL BRANCH CIRCUITRY WIRING DETAIL - FINISHED WALLS

NOT TO SCALE

8 TYPICAL BRANCH CIRCUITRY WIRING DETAIL - MASONRY WALLS

NOT TO SCALE

MARLBOROUGH FIRE DISTRICT

MARLBORO HOSE CO. NO. 1
14 GRAND STREET,
MARLBORO, NY 12542

MARLBOROUGH FIRE STATION ADDITIONS AND RENOVATION

CONSTRUCTION DOCUMENTS

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p:716.688.0766 tf:877.293.6335
Wendel WD Architecture, Engineering, Surveying and Landscape Architecture, P.C

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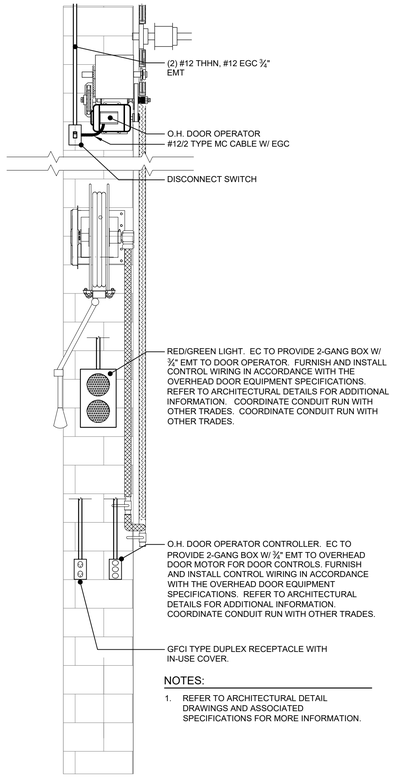
DWG. TITLE

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DWG. No.	

E602

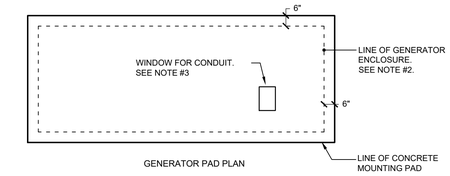


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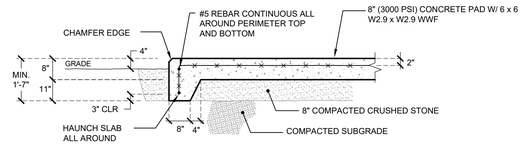
1. REFER TO ARCHITECTURAL DETAIL DRAWINGS AND ASSOCIATED SPECIFICATIONS FOR MORE INFORMATION.

1 O.H. DOOR ELECTRICAL EQUIPMENT DETAIL (REFER TO ARCHITECTURAL DETAILS)

NOT TO SCALE



GENERATOR PAD PLAN



GENERATOR PAD SECTION

GENERATOR PAD NOTES:

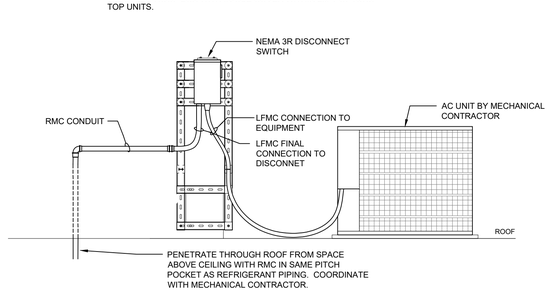
1. ELECTICAL CONTRACTOR SHALL HIRE SITE CONTRACTOR TO CONSTRUCT GENERATOR PAD.
2. CONSTRUCT CONCRETE PAD LEVEL. INCREASE DEPTH OF HAUNCH AS REQUIRED TO ACCOMMODATE SLOPING GRADE. TOP OF PAD SHALL BE 4" ABOVE GRADE ON UPHILL SIDE.
3. CONCRETE PAD SHALL EXTEND 6" BEYOND GENERATOR ENCLOSURE ON ALL SIDES. ADJUSTMENTS IN PAD SIZE SHALL BE MADE TO ACCOMMODATE APPROVED GENERATOR.
4. PROVIDE WINDOWS IN PAD FOR POWER AND CONTROL CONDUITS IN ACCORDANCE WITH GENERATOR MANUFACTURER'S INSTALLATION DRAWINGS.
5. FINAL CONSTRUCTION DIMENSIONS, MATERIAL REQUIREMENTS, AND DIRECTIVES SHALL BE IN ACCORDANCE WITH THE MANUFACTURES SPECIFICATIONS BASED ON THE SELECTED GENERATOR TO BE INSTALLED.

2 GENERATOR PAD DETAIL

NOT TO SCALE

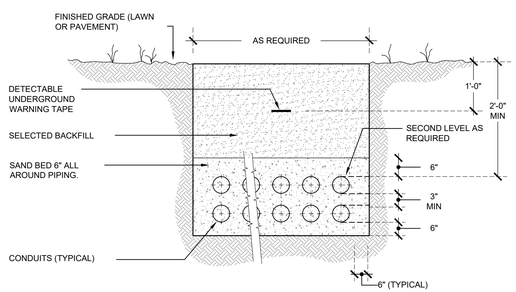
NOTES:

1. ELECTRICAL CONTRACTOR SHALL FIELD FABRICATE GALVANIZED METAL (UNI-STRUT) EQUIPMENT STANCHION. COORDINATE ALL CONDUIT SUPPORTS IN ACCORDANCE WITH 2023 NEC BASED ON FIELD CONDITIONS.
2. ELECTRICAL CONTRACTOR SHALL FIELD VERIFY ALL EQUIPMENT MOUNTING LOCATIONS WITH THE MECHANICAL CONTRACTOR.
3. ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL WEATHER RESISTANT, GFCI TYPE DUPLEX RECEPTACLE IN A WEATHERPROOF BOX WITH IN-USE COVER WITHIN 25FT OF ROOF TOP UNITS.



3 TYPICAL ROOF MOUNTED AC UNIT ELECTRICAL CONNECTION DETAIL

NOT TO SCALE

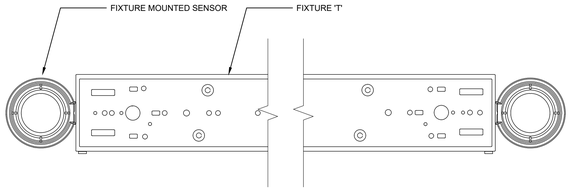


TYPICAL CONDUIT TRENCHING DETAIL NOTES:

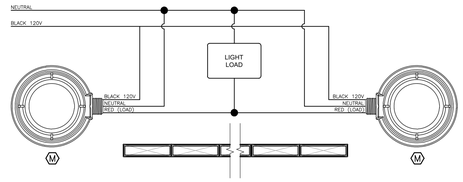
1. ALL UNDERGROUND ELECTRICAL CONDUIT SHALL HAVE A DETECTABLE WARNING TAPE INSTALLED 12" BELOW GRADE - DIRECTLY ABOVE THE CONDUIT. WARNING TAPE SHALL BE 3" WIDE, LABELED WITH "CAUTION (A) BURIED BELOW".
   A. "ELECTRIC LINE"
2. SEPARATION BETWEEN CONDUITS SHALL BE 3" MINIMUM. SPACING BETWEEN POWER AND COMMUNICATION CONDUITS SHALL BE 12" MINIMUM. EXACT CONFIGURATION AND DEPTH SHALL BE ADJUSTED AFTER COORDINATION WITH OTHER TRADES ON SITE.
3. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR MARKING ALL CONDUIT ROUTES PRIOR TO TRENCHING FOR COORDINATION WITH OTHER TRADES.

4 CONDUIT TRENCHING DETAIL

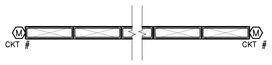
NOT TO SCALE



MOUNTING DETAIL:



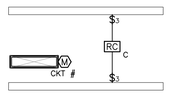
SCHEMATIC VIEW:



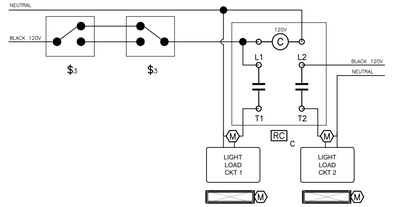
PLAN VIEW:

5 FIXTURE MOUNTED SENSOR DETAIL

NOT TO SCALE



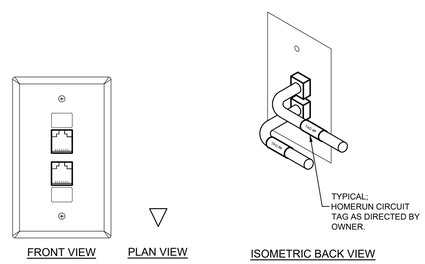
PLAN VIEW:



SCHEMATIC VIEW:

6 2-POLE LIGHTING CONTACTOR DETAIL

NOT TO SCALE



FRONT VIEW PLAN VIEW ISOMETRIC BACK VIEW

DETAIL NOTES:

1. FACEPLATE TAPE LABELS SHALL BE ⅜" CLEAR TAPE WITH BLACK LETTERING.
2. WIRE TAPE LABELS SHALL BE ½" WIDE WHITE TAPE WITH BLACK LETTERING.

7 DATA RECEPTACLE DETAIL

NOT TO SCALE

MARLBOROUGH FIRE DISTRICT

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MARLBOROUGH FIRE STATION ADDITIONS AND RENOVATION

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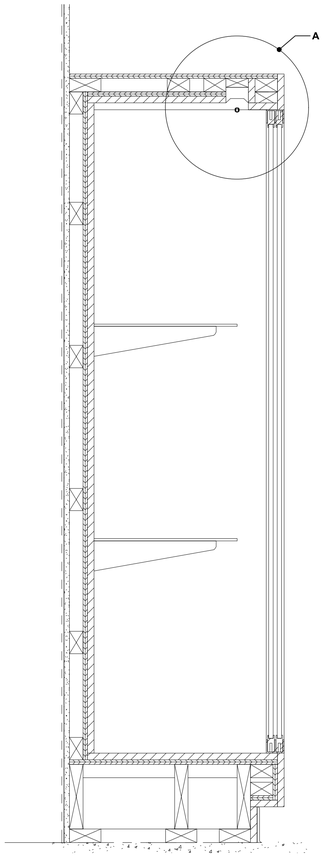
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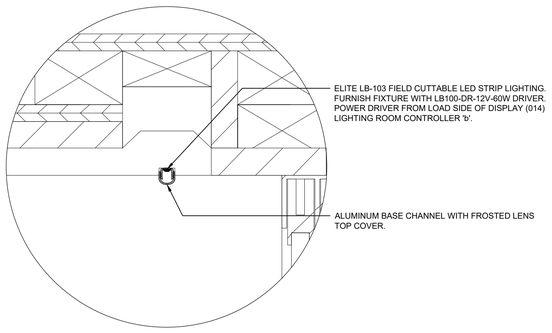
ELECTRICAL: DETAILS

0 1" 2"
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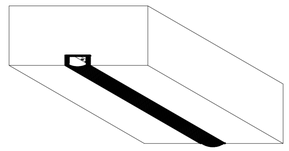




VIEW 'A'

DISPLAY CASE LIGHTING NOTES:

1. THIS CONTRACTOR SHALL COORDINATE MILLWORK REQUIREMENTS FOR MOUNTING OF THE FIXTURE CHANNEL WITH THE MILLWORK CONTRACTOR. PROVIDE APPROVED EQUIPMENT SHOP DRAWINGS TO THE MILLWORK CONTRACTOR, AS REQUIRED.
2. FIELD VERIFY MOUNTING OF LIGHTING POWER SUPPLY WITH MILLWORK CONTRACTOR AND APPROVED DISPLAY CASE DESIGN.
3. DETAILED BASED ON ARCHITECTURAL DETAIL DESIGN. THIS CONTRACTOR SHALL COORDINATE WITH FINAL DISPLAY CASE DESIGN WITH THE ARCHITECT PRIOR TO INSTALLATION.
4. LIGHT FIXTURES SHALL BE CONTROLLED SUCH THAT THEY SHALL ACTIVATE ON/OFF WITH AREA LIGHTS. REFER TO DISPLAY ROOM LIGHTING CONTROL NOTES FOR MORE INFORMATION.



ISOMETRIC VIEW

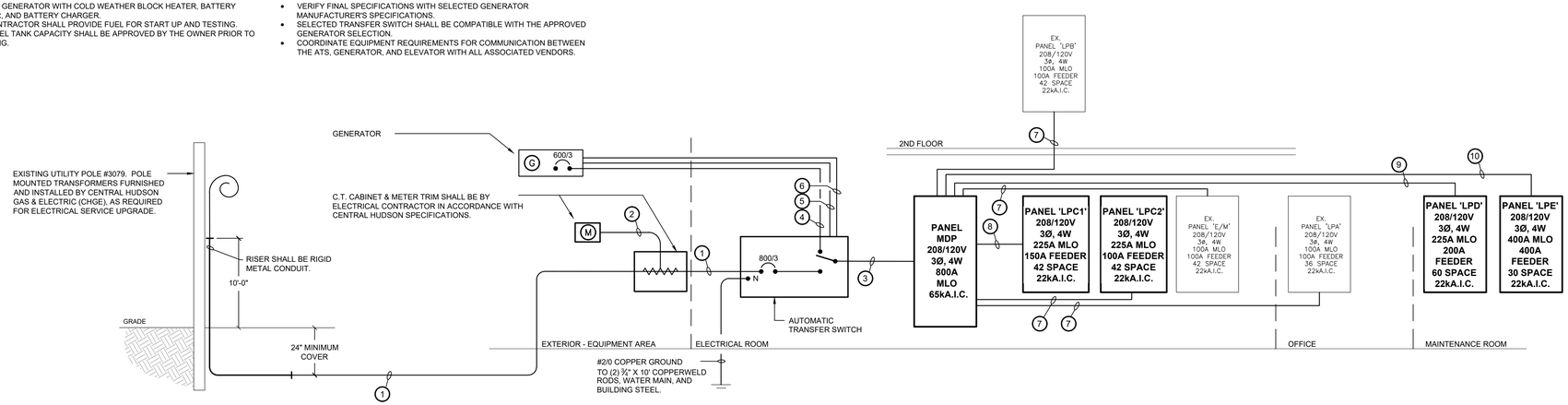
1 CUSTOM DISPLAY LIGHTING DETAIL

NOT TO SCALE

GENERATOR EQUIPMENT NOTES:

GENERATOR:
RATING: 120/208VAC, 3Ø, 60Hz, 200kW
OUTPUT BREAKER: 600A MOLDED CASE
FUEL: DIESEL, FURNISHED WITH MINIMUM OF 24-HOUR SUPPLY TANK.
NOTE:
- FURNISH GENERATOR WITH COLD WEATHER BLOCK HEATER, BATTERY WARMER, AND BATTERY CHARGER.
- THIS CONTRACTOR SHALL PROVIDE FUEL FOR START UP AND TESTING.
- FINAL FUEL TANK CAPACITY SHALL BE APPROVED BY THE OWNER PRIOR TO ORDERING.

AUTOMATIC TRANSFER SWITCH (ATS):
RATING: 120/208VAC, 3Ø, 60Hz, 800A MAIN CIRCUIT BREAKER, SERVICE ENTRANCE
OF POLES/WIRES: 3-POLES, 4-WIRES, SOLID NEUTRAL
ENCLOSURE: NEMA 3R, MIN. 65kA.I.C. @ 208V
NOTES:
- VERIFY FINAL SPECIFICATIONS WITH SELECTED GENERATOR MANUFACTURER'S SPECIFICATIONS.
- SELECTED TRANSFER SWITCH SHALL BE COMPATIBLE WITH THE APPROVED GENERATOR SELECTION.
- COORDINATE EQUIPMENT REQUIREMENTS FOR COMMUNICATION BETWEEN THE ATS, GENERATOR, AND ELEVATOR WITH ALL ASSOCIATED VENDORS.



2 POWER SCHEMATIC DETAIL

NOT TO SCALE

SEISMIC DESIGN FOR ELECTRICAL EQUIPMENT

THE ELECTRICAL SYSTEM SHALL COMPLY WITH THE NEW YORK STATE UNIFORM FIRE PROTECTION AND BUILDING CODE SECTION 1613 AND APPLICABLE PROVISIONS OF ASCE 7 (ARCHITECTURAL, MECHANICAL AND ELECTRICAL COMPONENT SEISMIC DESIGN REQUIREMENTS).
ELECTRICAL CONTRACTOR SHALL HIRE NYS LICENSED PROFESSIONAL ENGINEER TO DESIGN AND PREPARE SHOP DRAWINGS WITH CALCULATIONS FOR EACH ELECTRICAL EQUIPMENT SUPPORT, CONDUIT SUPPORT, MULTIPLE CONDUIT SUPPORT, TRAPEZE AND SEISMIC RESTRAINT. SUBMIT SHOP DRAWINGS WITH CALCULATIONS TO ENGINEER FOR RECORD AND TO LOCAL AUTHORITY HAVING JURISDICTION FOR APPROVAL.

SEISMIC REQUIREMENTS:
BUILDING USE CATEGORY - IV
SIESMIC DESIGN CATEGORY - C

GENERAL ELECTRICAL NOTES

1. ALL ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE 2023 EDITION (NFPA 70), THE 2025 NEW YORK STATE BUILDING CODE, LOCAL BUILDING CODES, AND AS DIRECTED BY THE AUTHORITY HAVING JURISDICTION. WHERE THERE IS A CONFLICT BETWEEN CODES, THE WORK SHALL BE PERFORMED IN THE MORE STRINGENT MANOR, UNLESS OTHERWISE DIRECTED AND APPROVED IN WRITING.
2. ELECTRICAL DEVICES MATERIALS AND PACKAGED EQUIPMENT SHALL BE LISTED AND LABELED BY A NATIONALLY RECOGNIZED TESTING LABORATORY (NRTL) SUCH AS UNDERWRITERS LABORATORIES INC. (UL), FOR THE INTENDED USE, AND SHALL BEAR ITS LABEL. NOTE THAT NRTL APPROVAL OF INDIVIDUAL COMPONENTS OF PACKAGED EQUIPMENT DOES NOT CONSTITUTE APPROVAL OF THE ENTIRE PACKAGE.
3. ELECTRICAL CONTRACTOR SHALL OBTAIN, PAY FOR AND COMPLY WITH ALL REQUIRED PERMITS. THE ELECTRICAL CONTRACTOR SHALL ARRANGE FOR ALL INSPECTIONS AND SUBMIT COPIES OF ACCEPTANCE CERTIFICATES TO OWNER PRIOR TO COMPLETION OF PROJECT.
4. ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL ALL BOXES, FITTINGS, CONNECTORS, COVER PLATES, AND OTHER MISCELLANEOUS ITEMS, NOT NECESSARILY DETAILED ON THESE DRAWINGS TO RENDER THE ELECTRICAL INSTALLATION COMPLETE AND OPERATIVE, AND IN COMPLIANCE WITH APPLICABLE CODES.
5. ALL WIRING SHALL BE COPPER CONDUCTOR, MINIMUM SIZE #12 AWG, UNLESS OTHERWISE NOTED.
6. ELECTRICAL CONTRACTOR SHALL FIELD VERIFY LOCATION OF EXISTING EQUIPMENT AND NOTE CONDITIONS AND AREAS WHERE WORK WILL OCCUR IN FIELD.
7. ELECTRICAL CONTRACTOR SHALL SEAL AROUND ALL PIPE PENETRATIONS THROUGH WALLS, FLOORS AND CEILINGS WITH AN INTUMESCENT FIRE STOP MATERIAL TO MAINTAIN FIRE AND SMOKE RATINGS.
8. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH AND MEET ALL REQUIREMENTS OF SERVING POWER UTILITY COMPANY.
9. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH ALL OTHER TRADES TO AVOID CONFLICTS OF EQUIPMENT INSTALLATION. ELECTRICAL CONTRACTOR SHALL VERIFY EXACT LOCATIONS OF ALL EQUIPMENT CONNECTIONS, WIRING DEVICES AND LIGHTING WITH ENGINEER PRIOR TO INSTALLATION.
10. ELECTRICAL CONTRACTOR SHALL SUBMIT EQUIPMENT SHOP DRAWINGS FOR APPROVAL BY ENGINEER PRIOR TO COMMENCING INSTALLATION.
11. ELECTRICAL CONTRACTOR SHALL HIRE GENERAL CONTRACTOR FOR ALL CUTTING, PATCHING AND PAINTING ASSOCIATED WITH ELECTRICAL WORK.
12. ELECTRICAL CONTRACTOR SHALL GUARANTEE ALL WORKMANSHIP AND MATERIAL INSTALLED UNDER THIS CONTRACT TO BE FREE FROM DEFECTS FOR A PERIOD OF ONE (1) YEAR FROM DATE OF COMPLETION AND ACCEPTANCE BY THE OWNER. CONTRACTOR AGREES TO REPLACE ANY DEFECTIVE EQUIPMENT AT NO ADDITIONAL COST TO THE OWNER FOR THE DURATION OF THE GUARANTEE PERIOD.
13. ELECTRICAL CONTRACTOR SHALL PROVIDE TYPEWRITTEN SCHEDULES OF ALL CIRCUITRY IN ALL PANELS. SCHEDULES SHALL MATCH THE LOADS SHOWN IN THE PROJECT PANEL SCHEDULE INCLUDED WITH THESE DRAWINGS. ALL VACANT PANEL SPACES SHALL BE FULLY PROTECTED WITH METAL BLANKS WHERE EXPOSED. ALL SPARE CIRCUIT BREAKERS SHALL BE IN THE 'OFF' OR 'OPEN' POSITION.
14. ELECTRICAL CONTRACTOR SHALL COORDINATE MOUNTING HEIGHT OF RECEPTACLES, SWITCHES, DATA RECEPTACLES, LIGHT FIXTURES, ETC. WITH ARCHITECTURAL DRAWINGS. WHERE THERE IS A DISPUTE BETWEEN THE DRAWINGS AND FIELD CONDITIONS, THE CONTRACTOR SHALL RECEIVE WRITTEN DIRECTION FROM THE ARCHITECT. GENERAL MOUNTING HEIGHTS FROM FINISHED FLOOR TO CENTER LINE OF DEVICES SHALL BE AS FOLLOWS UNLESS OTHERWISE NOTED ON DRAWINGS:
    - CONVENIENCE OUTLETS: 18"
    - COUNTERTOP OUTLETS: 44" - COORDINATE WITH ARCHITECTURAL DRAWINGS FOR WALL PANELING. DEVICES SHALL BE MOUNTED SUCH THAT THE COVER PLATE DOES NOT INTERFERE WITH THE WALL PANELING.
    - LIGHT SWITCHES: 44" - COORDINATE WITH ARCHITECTURAL DRAWINGS FOR WALL PANELING. DEVICES SHALL BE MOUNTED SUCH THAT THE COVER PLATE DOES NOT INTERFERE WITH THE WALL PANELING.
    - APPARATUS BAY OUTLETS: 44"
    - COMMUNICATIONS OUTLETS: 18"

WIRE & CONDUIT SCHEDULE

TAG	FEEDER SIZE	WIRING	CONDUIT
1	800A, 3-PHASE	(2) SETS: (4) 500mcm THWN	(2) SETS: 4" PVC. 24" UNDERGROUND SERVICE ENTRANCE.
2	N/A	METER WIRING IN ACCORDANCE WITH THE UTILITY COMPANY	1 ½" RMC
3	800A, 3-PHASE	(2) SETS: (4) 500MCM THWN + #2/0G	(2) SETS: 4"EMT
4	600A 3-PHASE	(2) SETS OF (4) 350MCM THWN + #1G	(2) SETS: 3" EMT INDOORS, SCH.40 PVC OUTDOORS & UNDERGROUND
5	(2) 20A 1-PHASE	(4) #12 THWN + #12G	1" EMT INDOORS, SCH.40 PVC OUTDOORS & UNDERGROUND
6	GENERATOR CONTROLS	COORDINATE CONTROL WIRING REQUIREMENT WITH APPROVED GENERATOR AND ATS.	1" EMT INDOORS, SCH.40 PVC OUTDOORS & UNDERGROUND
7	100A, 3-PHASE	(4) #3 THHN + #8G	1¼" EMT
8	150A, 3-PHASE	(4) #1/0 THHN, #6G	1½" EMT
9	200A 3-PHASE	(4) #3/0 THHN, #6G	2" EMT
10	400A 3-PHASE	(4) 500MCM THHN + #3G	3½" EMT

MARLBOROUGH FIRE DISTRICT

MARLBORO HOSE CO. NO. 1
14 GRAND STREET,
MARLBORO, NY 12542

MARLBOROUGH FIRE STATION ADDITIONS AND RENOVATION

CONSTRUCTION DOCUMENTS

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NO.	REVISIONS	DATE
0	ISSUED FOR BID	06/15/2026

DWG. TITLE

ELECTRICAL: DETAILS

GENERIC SCALE BAR
SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING. IF NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY

DATE	06/15/2026
SCALE	AS NOTED
DWN.	RL CHK. WH
PROJ. No.	653001 GA25057
DWG. No.	

E604

ROOM CONTROL SCHEDULE

NOTE NUMBER	SWITCH	MOTION SENSOR	DAYLIGHT SENSOR	ROOM CONTROLLER	OPERATION MODE	DESCRIPTION
1	(3) CURRENT NXSW2-1	(3) CURRENT NXSMDT-OMNI		(3) CURRENT NXRCFX2-1RD-UNV	OCCUPANCY MODE AUTOMATIC ON/OFF WITH MOMENTARY CONTACT SWITCH OVERRIDE	ROOM CONTROLLER SHALL ACTIVATE LIGHT FIXTURES UPON TRIGGER OF ZONE MOTION SENSORS WITHIN IDENTIFIED ZONES TO 80% POWER. ADDITIONAL ZONES WITH THE CORRIDOR SHALL ACTIVATE AND ILLUMINATE FIXTURES TO 20% POWER. ALL FIXTURES SHALL DEACTIVATE AFTER 15 MINUTES OF VACANCY. FIXTURES SHALL GRADUALLY ILLUMINATE ON TO SET LIGHT LEVELS AND OFF.
2	CURRENT NXSW2-3	CURRENT NXSMP2 WITH NXCBL-3 CABLE		CURRENT NXRCFX2-1RD-UNV	VACANCY MODE MANUAL ON / AUTOMATIC OFF WITHIN 20 MINUTES OF VACANCY WITH MOMENTARY CONTACT SWITCH OVERRIDE	WALL MOUNTED DIMMER SWITCH SHALL ACTIVATE LIGHT FIXTURES AND SET ILLUMINATION LEVELS. ROOM CONTROLLER SHALL DEACTIVATE LIGHT FIXTURES AFTER 15 MINUTES OF VACANCY. FIXTURES SHALL GRADUALLY ILLUMINATE ON TO SET LIGHT LEVELS AND OFF.
3	CURRENT LHRIRS1-N				VACANCY MODE MANUAL ON/ AUTOMATIC OFF AFTER 20 MINUTES OF VACANCY WITH MANUAL OVERRIDE	WALL MOUNTED VACANCY SWITCH SHALL ACTIVATE LIGHT FIXTURES UPON MANUAL OPERATION OF THE SWITCH AND DEACTIVATE AFTER 15 MINUTES OF VACANCY.
4	CURRENT LHRIRS1-N				OCCUPANCY MODE AUTOMATIC ON/OFF AFTER 20 MINUTES OF VACANCY WITH MANUAL OVERRIDE	WALL MOUNTED OCCUPANCY SWITCH SHALL ACTIVATE LIGHT FIXTURES UPON MOTION AND DEACTIVATE AFTER 15 MINUTES OF VACANCY. SWITCH SHALL PROVIDE MANUAL ON/OFF OVERRIDE.
5	(2) CURRENT NXSW2-1	(2) CURRENT NXSMDT-OMNI		CURRENT NXRCFX2-1RD-UNV	OCCUPANCY MODE AUTOMATIC ON/OFF WITH MOMENTARY CONTACT SWITCH OVERRIDE	ROOM CONTROLLER SHALL ACTIVATE LIGHT FIXTURES UPON TRIGGER MOTION SENSORS TO 80% POWER. ALL FIXTURES SHALL DEACTIVATE AFTER 15 MINUTES OF VACANCY. FIXTURES SHALL GRADUALLY ILLUMINATE ON TO SET LIGHT LEVELS AND OFF. WALL MOUNTED SWITCHES SHALL PROVIDE MANUAL ON/OFF OVERRIDE.
6	(2) CURRENT NXSW2-1	CURRENT NXSMDT-OMNI		CURRENT NXRCFX2-1RD-UNV	OCCUPANCY MODE AUTOMATIC ON/OFF WITH MOMENTARY CONTACT SWITCH OVERRIDE	ROOM CONTROLLER SHALL ACTIVATE LIGHT FIXTURES UPON TRIGGER MOTION SENSORS TO 80% POWER. ALL FIXTURES SHALL DEACTIVATE AFTER 15 MINUTES OF VACANCY. FIXTURES SHALL GRADUALLY ILLUMINATE ON TO SET LIGHT LEVELS AND OFF. WALL MOUNTED SWITCHES SHALL PROVIDE MANUAL ON/OFF OVERRIDE.
7	(2) CURRENT NXSW2-1	(7) CURRENT NXSMDT-OMNI		(3) CURRENT NXRCFX2-1RD-UNV	OCCUPANCY MODE AUTOMATIC ON/OFF WITH MOMENTARY CONTACT SWITCH OVERRIDE	ROOM CONTROLLER SHALL ACTIVATE LIGHT FIXTURES UPON TRIGGER OF ZONE MOTION SENSORS WITHIN IDENTIFIED ZONES TO 80% POWER. ADDITIONAL ZONES WITH THE CORRIDOR SHALL ACTIVATE AND ILLUMINATE FIXTURES TO 20% POWER. ALL FIXTURES SHALL DEACTIVATE AFTER 15 MINUTES OF VACANCY. FIXTURES SHALL GRADUALLY ILLUMINATE ON TO SET LIGHT LEVELS AND OFF.
8	CURRENT NXSW2-1	(2) CURRENT NXSMDT-OMNI		CURRENT NXRCFX2-1RD-UNV	OCCUPANCY MODE AUTOMATIC ON/OFF WITH MOMENTARY CONTACT SWITCH OVERRIDE	ROOM CONTROLLER SHALL ACTIVATE LIGHT FIXTURES UPON TRIGGER MOTION SENSORS TO 80% POWER. ALL FIXTURES SHALL DEACTIVATE AFTER 15 MINUTES OF VACANCY. FIXTURES SHALL GRADUALLY ILLUMINATE ON TO SET LIGHT LEVELS AND OFF. WALL MOUNTED SWITCHES SHALL PROVIDE MANUAL ON/OFF OVERRIDE.
9	(2) CURRENT NXSW2-1	(3) CURRENT NXSMDT-OMNI		CURRENT NXRCFX2-1RD-UNV	OCCUPANCY MODE AUTOMATIC ON/OFF WITH MOMENTARY CONTACT SWITCH OVERRIDE	ROOM CONTROLLER SHALL ACTIVATE LIGHT FIXTURES UPON TRIGGER MOTION SENSORS TO 80% POWER. ALL FIXTURES SHALL DEACTIVATE AFTER 15 MINUTES OF VACANCY. FIXTURES SHALL GRADUALLY ILLUMINATE ON TO SET LIGHT LEVELS AND OFF. WALL MOUNTED SWITCHES SHALL PROVIDE MANUAL ON/OFF OVERRIDE.
10	CURRENT LHRIRS1-N				OCCUPANCY MODE AUTOMATIC ON/OFF AFTER 20 MINUTES OF VACANCY WITH MANUAL OVERRIDE	WALL MOUNTED OCCUPANCY SWITCH SHALL ACTIVATE LIGHT FIXTURES UPON MOTION AND DEACTIVATE AFTER 15 MINUTES OF VACANCY. SWITCH SHALL PROVIDE MANUAL ON/OFF OVERRIDE. TOGGLE SWITCH SHALL PROVIDE MANUAL ON/OFF CONTROL TO SHOWER LIGHT FIXTURE.
11		CURRENT NXSMDT-OMNI		CURRENT NXRCFX2-1RD-UNV	OCCUPANCY MODE AUTOMATIC ON/OFF AFTER 20 MINUTES OF VACANCY WITH MANUAL OVERRIDE	ROOM CONTROLLER SHALL ACTIVATE LIGHT FIXTURES UPON TRIGGER MOTION SENSORS TO 80% POWER. ALL FIXTURES SHALL DEACTIVATE AFTER 15 MINUTES OF VACANCY. FIXTURES SHALL GRADUALLY ILLUMINATE ON TO SET LIGHT LEVELS AND OFF.
12	(2) CURRENT NXSW2-1	(2) CEILING MOUNTED OCCUPANCY SENSOR		(2) CURRENT NXRCFX2-1RD-UNV	OCCUPANCY MODE AUTOMATIC ON/OFF WITH MOMENTARY CONTACT SWITCH OVERRIDE	(2) ROOM CONTROLLERS SHALL ACTIVATE (2) LIGHTING ZONES UPON TRIGGER OF MOTION SENSORS. ZONE "a" SHALL ILLUMINATE TO 80% UPON ACTIVATION. ZONE "b" SHALL ILLUMINATE TO 20% UPON ACTIVATION. WALL MOUNTED DIMMERS SHALL PROVIDE MANUAL ON/OFF CONTROL, AS WELL AS MANUAL ILLUMINATION LEVEL CONTROL. ALL FIXTURES SHALL DEACTIVATE AFTER 15 MINUTES OF VACANCY. FIXTURES SHALL GRADUALLY ILLUMINATE ON TO SET LIGHT LEVELS AND OFF.

LIGHTING FIXTURE SCHEDULE

TYPE MARK	DESCRIPTION	MANUFACTURER	CATALOG #	SOURCE	COLOR TEMPERATURE	WATTAGE	VOLTAGE	LUMENS
A2	2'X2' TROFFER WITH 0-10V DIMMING,	COLUMBIA LIGHTING	LCAT22-S--2765T-L036-G--ED-U (ELL14)	LED	4000K	28	120	3891
A2M	2'X2' TROFFER WITH 0-10V DIMMING,	COLUMBIA LIGHTING	LCAT22-S--2765T-L036-G--DALI-U-LVR (ELL14)	LED	4000K	28	120	3891
A4	2'X4' TROFFER WITH 0-10V DIMMING,	COLUMBIA LIGHTING	LCAT24-S--2765T-L070-G--ED-U (ELL14)	LED	4000K	47.6	120	7197
A4M	2'X4' TROFFER WITH 0-10V DIMMING, AND INTEGRAL MOTION SENSOR	COLUMBIA LIGHTING	LCAT24-S--2765T-L070-G--DALI-U-LVR	LED	4000K	47.6	120	7197
L1	1'x4' RECESSED WITH INTEGRAL, OCCUPANCY SENSOR AND EMERGENCY BATTERY BACK UP FOR 90 MINUTES ILLUMINATION IN CASE OF POWER LOSS.	COLUMBIA LIGHTING	LCAT14-S--2765T-L036-G--DALIP-U-ELL14-LVS (ELL14)	LED	4000K	24.2	120	3600
L4	PENDANT 4FT LINEAR LED. CONTRACTOR SHALL PROVIDE CUSTOM STEM LENGTHS WITH CANOPY. COORDINATE MOUNTING HEIGHT WITH ARCHITECTURAL DRAWINGS.	COLUMBIA LIGHTING	RLW-4-2765T-MW-FA-W-ED-U	LED	SET TO 4000	33.7	120	5457
L4M	PENDANT 4FT LINEAR LED WITH INTEGRAL MOTION SENSOR. CONTRACTOR SHALL PROVIDE CUSTOM STEM LENGTHS WITH CANOPY. COORDINATE MOUNTING HEIGHT WITH ARCHITECTURAL DRAWINGS.	COLUMBIA LIGHTING	RLW-4-2765T-MW-FA-W-DALI-U-LVR	LED	SET TO 4000	33.7	120	5457
L4S	1'X4' SURFACE MOUNTED LINEAR LED.	COLUMBIA LIGHTING	LAW-2-40-ML-E-U	LED	4000K	28	120	3346
L8	PENDANT 8FT LINEAR LED. CONTRACTOR SHALL PROVIDE CUSTOM STEM LENGTHS WITH CANOPY. COORDINATE MOUNTING HEIGHT WITH ARCHITECTURAL DRAWINGS.	COLUMBIA LIGHTING	RLW-8-2765T-MW-FA-W-ED-U	LED	SET TO 4000	53.3	120	7899
P8	8FT LINEAR LED PENDENT WITH INTEGRAL OCCUPANCY SENSOR. CONTRACTOR SHALL PROVIDE CUSTOM LENGTH AIRCRAFT CABLE.	METALUMEN	RMEP8-2L35K-8-35M--L1-1-PA_-1-O-90	LED	3500K	55.6	120	6028
R	WALL MOUNTED LED READING LIGHT, WITH INTEGRAL SWITCH.	ASTRO	12950** (VERIFY COLOR CODE)	LED	2700K	4.3	120	134
R6	6" SLIM LED DOWN LIGHT. IC, AIR-TIGHT, AND WET LOCATION RATED. 0-10V DIMMING.	ELITE LIGHTING	RL675-1100L-DIM10-120-27K/30K/35K/40K/50K-90	LED	4000K	15	120	1100
R6D	6" SLIM LED DOWN LIGHT. IC, AIR-TIGHT, AND WET LOCATION RATED. 0-10V DIMMING.	ELITE LIGHTING	RL679	LED	2700K	18	120	1100
R8	8" SLIM LED DOWN LIGHT WITH BAFFEL. IC, AIR-TIGHT, AND WET LOCATION RATED. 0-10V DIMMING.	ELITE LIGHTING	RCL843-1500L/2000L/2500L-DIMTR/120-DIM10/120-347V-27K/30K/35K/40K/50K-W-WH	LED	4000K	19.2	120	2114
T	LED T8 FIXTURE FURNISHED WITH (2) 1800 LUMEN T8 LED BULBS	WAVEFORM LIGHTING	4502	(2) LED T8 BULBS	4000K	54	120	3600
X	EXTERIOR WALL MOUNTED AREA FIXTURE	BEGA	24 351	LED	4000K	21.3	120	3351

LIGHTING CONTROL EQUIPMENT SCHEDULE

SYMBOL	MANUFACTURER	CATALOG#	DESCRIPTION
"a" $ [#]	————	————	REFER TO ROOM CONTROL SCHEDULE FOR SWITCH DETAIL. "a" DENOTES LIGHTING ZONE. "#" DENOTES ROOM CONTROL SCHEDULE NUMBER.
$	HUBBELL	1221	SINGLE POLE TOGGLE SWITCH WITH METAL COVER PLATE, EXTRA HEAVY DUTY INDUSTRIAL GRADE, 20A, 125V.
$3	HUBBELL	1223	THREE WAY TOGGLE SWITCH WITH METAL COVER PLATE, EXTRA HEAVY DUTY INDUSTRIAL GRADE, 20A, 120V.
$D	————	————	WALL MOUNTED DIMMING LIGHT SWITCH WITH METAL COVER PLATE. REFER TO ROOM CONTROL SCHEDULE FOR SWITCH DETAIL.
$OC	————	————	SINGLE POLE OCCUPANCY WALL SWITCH WITH METAL COVER PLATE. REFER TO ROOM CONTROL SCHEDULE FOR SWITCH DETAIL.
$V	————	————	SINGLE POLE VACANCY WALL SWITCH WITH METAL COVER PLATE. REFER TO ROOM CONTROL SCHEDULE FOR SWITCH DETAIL.
RC "a"	CURRENT	————	ROOM CONTROLLER. REFER TO ROOM CONTROL SCHEDULE FOR CONTROLLER DETAIL. "a" DENOTES LIGHTING ZONE.
RC C	SCHNEIDER ELECTRIC	8910DPA32V02	30A, TWO-POLE, 230VAC, 1-PHASE, 120VAC COIL, NORMALLY OPEN, ELECTRICAL HELD CLOSED, LIGHTING CONTACTOR.
M	CURRENT	————	CEILING MOUNTED MOTION SENSOR. REFER TO ROOM CONTROL SCHEDULE FOR SENSOR DETAIL. "a" DENOTES LIGHTING ZONE.
P	INTERMATIC	ELC4736	120VAC OUTDOOR RATED PHOTO SENSOR CONTROLLER.

EQUIPMENT NOTES:

1. CONTRACTOR SHALL VERIFY ALL EQUIPMENT MOUNTING HEIGHTS/TYPES AND LOCATIONS IN FIELD.
2. CONTRACTOR SHALL VERIFY ALL EQUIPMENT COLORS AND FINISHES WITH ARCHITECT. COLOR CHOICES FOR SELECTION SHALL BE MANUFACTURER'S FULL RANGE OF STANDARD AND CUSTOM COLORS/FINISHES UNLESS OTHERWISE NOTED.
3. ALL RECEPTACLES, AND LINE VOLTAGE LIGHT SWITCHES SHALL BE LABELLED WITH CIRCUIT SOURCE AND NUMBER. REFER TO DETAIL.

EMERGENCY LIGHTING NOTES:

1. THIS CONTRACTOR SHALL FURNISH AND INSTALL INTEGRAL EMERGENCY BATTERY AND CHARGER FOR 90 MINUTES OF ILLUMINATION WITHOUT UTILITY POWER FOR LIGHT FIXTURES MARKED WITH "EM". BATTERY AND CHARGER SHALL BE WIRED TO UNSWITCHED HOT LEG OF LIGHTING CIRCUIT WITHIN THE SPACE.
2. WHERE MANUFACTURE OPTIONS ARE AVAILABLE, THIS CONTRACTOR SHALL SELECT FACTORY EMERGENCY BATTERY BACKUP OPTION.

ELECTRICAL EQUIPMENT SCHEDULE

SYMBOL	MANUFACTURER	CATALOG#	DESCRIPTION
	SURE-LITES	LPX7SD	CEILING OR WALL MOUNTED L.E.D. EXIT SIGN WITH INTEGRAL BATTERY AND CHARGER FOR 90 MINUTE ILLUMINATION IN CASE OF POWER LOSS. SIGN SHALL CONTAIN SELF-DIAGNOSTICS. SIGN SHALL BE WIRED TO UNSWITCHED PHASE LEG OF LIGHTING CIRCUIT WITHIN THE SPACE. 120 VOLTS.
	HUBBELL	5362TR	DUPLEX RECEPTACLE, WITH METAL COVER PLATE, TAMPER-RESISTANT, EXTRA HEAVY DUTY SPECIFICATION GRADE, 20 AMPERES, 125 VOLTS.
	HUBBELL	HBL5362C1TR	DUPLEX RECEPTACLE WITH (1) CONTROLLED RECEPTACLE, METAL COVER PLATE, TAMPER-RESISTANT, EXTRA HEAVY DUTY SPECIFICATION GRADE, 20 AMPERES, 125 VOLTS.
IG	HUBBELL	GF5362SG	DUPLEX RECEPTACLE WITH GFCI PROTECTION AND METAL COVER PLATE, INDUSTRIAL GRADE, TAMPER-RESISTANT, 20 AMPERES, 125 VOLTS.
S IG	HUBBELL	GF5362SG	SURFACE MOUNTED DUPLEX RECEPTACLE WITH GFCI PROTECTION AND METAL COVER PLATE, INDUSTRIAL GRADE, TAMPER-RESISTANT, 20 AMPERES, 125 VOLTS.
WP	HUBBELL	GF5362SG	DUPLEX RECEPTACLE WITH GFCI PROTECTION AND WEATHERPROOF COVER, INDUSTRIAL GRADE, 20 AMPERES, 125 VOLTS.
C	HUBBELL	5362TR	CEILING MOUNTED DUPLEX RECEPTACLE, WITH METAL COVER PLATE, TAMPER-RESISTANT, EXTRA HEAVY DUTY SPECIFICATION GRADE, 20 AMPERES, 125 VOLTS.
+60" TV	————	————	TV POWER & DATA CONNECTION. FURNISH AND INSTALL RECESSED TV BACK BOX WITH DUPLEX RECEPTACLE, AND DATA/AV PORT FOR COAXIAL CABLE, CAT6, HDMI, ETC. COORDINATE FINAL DATA/AV TERMINATION TYPE(S) WITH OWNERS SELECTED EQUIPMENT PRIOR TO INSTALLATION.
	HUBBELL	(2) 5362TR	(2) DUPLEX RECEPTACLES IN COMMON BOX (QUAD) WITH METAL COVER PLATE, INDUSTRIAL GRADE, TAMPER-RESISTANT, 20 AMPERES, 125 VOLTS.
C	HUBBELL	HBL9430FR	14-30R DRYER RECEPTACLE WITH METAL COVER PLATE, 3-POLES, HEAVY DUTY, 30 AMPERES, 125/250 VOLTS. COORDINATE FINAL REQUIREMENTS WITH OWNER EQUIPMENT.
	————	————	DATA OUTLET. ELECTRICAL CONTRACTOR SHALL PROVIDE/INSTALL METAL OUTLET BOX (18"AFF UNLESS INDICATED OTHERWISE) AND 3/4" EMT FROM OUTLET BOX TO ACCESSIBLE LOCATION ABOVE CEILING. EXTEND (2) CAT6A (UTP) FROM BOX TO NEAREST DATA ROOM AS DIRECTED BY OWNER. PROVIDE/INSTALL (2) FEMALE RJ45 TERMINATION W/ METAL COVER PLATE AT BOX LOCATION. PROVIDE/INSTALL (2) FEMALE RJ45 KEYSTONE TERMINATION IN OWNER PROVIDED PATCH PANEL IN ASSOCIATED DATA ROOM. VERIFY LOCATION AND HEIGHT IN FIELD WITH OWNER.
CR	————	————	ACCESS CARD READER, BY OTHERS. FURNISH AND INSTALL SINGLE GANG BOX WITH 3/4" CONDUIT AND NYLON DRAG LINE TO AN ACCESSIBLE LOCATION ABOVE THE FINISHED CEILING. VERIFY FINAL LOCATIONS IN FIELD WITH OWNER.
J	————	————	JUNCTION BOX - SIZED IN ACCORDANCE WITH THE NEC FOR THE APPLICATION REQUIRED.
	————	————	HARDWIRED CONNECTION - WHERE EQUIPMENT OR APPLIANCE DOES NOT HAVE INTEGRAL DISCONNECTING MEANS, ELECTRICAL CONTRACTOR SHALL SUPPLY AND INSTALL INDEPENDENT DISCONNECT SWITCH. COORDINATE WITH OTHER TRADES, PRIOR TO INSTALLATION.
	————	————	UNFUSED DISCONNECT SWITCH. COORDINATE WITH OTHER TRADES, PRIOR TO INSTALLATION.
RC R	CURRENT	NXRCFX2-1RD-UNV	ROOM CONTROLLER TO SERVE CONTROLLED RECEPTACLES.
PB	————	————	ADA DOOR ACCESS PUSH BUTTON BY OTHERS. FURNISH AND INSTALL SINGLE GANG BOX WITH 3/4" CONDUIT AND NYLON DRAG LINE TO AN ACCESSIBLE LOCATION ABOVE THE FINISHED CEILING. VERIFY FINAL LOCATIONS IN FIELD WITH OWNER'S EQUIPMENT VENDOR.
	————	————	SECURITY CAMERAS BY OTHERS. FURNISH AND INSTALL OCTAGON FIXTURE BOX WITH 3/4" CONDUIT AND NYLON DRAG LINE TO AN ACCESSIBLE LOCATION ABOVE THE FINISHED CEILING. VERIFY FINAL LOCATIONS IN FIELD WITH OWNER'S EQUIPMENT VENDOR.

Branch Panel: MDP

Location: ELEC / MECH 115
Supply From:
Mounting: Surface
Enclosure: Type 1

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 65KA
Mains Type: MAIN LUGS ONLY
Mains Rating: 800 A

NOTES	CKT NO.	CIRCUIT DESCRIPTION	CONDUCTORS	CB SIZE	POLES	A		B		C		POLES	CB SIZE	CONDUCTORS	CIRCUIT DESCRIPTION	CKT NO.	NOTES
	1	MAINTENANCE RECEPTACLE	(2) #12 THHN, #12G, 3/4"C	20 A	1	360 VA	--					1	--		SPACE ONLY	2	
	3	MAINTENANCE RECEPTACLE	(2) #12 THHN, #12G, 3/4"C	20 A	1			180 VA	4680 VA			2	80 A	(2) #4 THHN, #10G, 1"C	HP-3	4	
	5	HP-2	(2) #8 THHN, #10G, 3/4"C	40 A	2					2600 VA	4680 VA					6	
	7					2600 VA	--					1	--		SPACE ONLY	8	
	9							540 VA	3508 VA							10	
	11	EX. LPB	(4) #3 THHN, #8G, 1-1/4" EMT	100 A	3					180 VA	3740 VA	3	100 A	(4) #3 THHN, #8G, 1-1/4" EMT	LPC2	12	
	13					1000 VA	3354 VA									14	
	15	ELEVATOR CAB		20 A	1			500 VA	2600 VA			2	40 A	(2) #8 THHN, #10G, 3/4"C	HP-4	16	
	17									8260 VA	2600 VA					18	
	19	LPC1	(4) #1/0 THHN, #6G, 1-1/2" EMT	150 A	3	9230 VA	19343 VA					3	200 A	(4) #3/0 THHN, #6G, 2" EMT	LPD	20	
	21							8450 VA	20938 VA							22	
	23									2600 VA	21675 VA					24	
	25	HP-5	(2) #8 THHN, #10G, 3/4"C	40 A	2	2600 VA	2600 VA					2	40 A	(2) #8 THHN, #10G, 3/4"C	HP-2	26	
	27							34940 VA	2600 VA							28	
	29	LPE	(4) 500MCM THHN, #3G, 3-1/2" EMT	400 A	3					33340 VA	0 VA	3	100 A	(4) #3 THHN, #8G, 1-1/4" EMT	EX. E/M	30	
	31					34940 VA	0 VA									32	
	33							0 VA	0 VA							34	
	35	EX. LPA	(4) #3 THHN, #8G, 1-1/4" EMT	100 A	3					0 VA	3700 VA	3	40 A	(3) #8 THHN, #10G, 1"C	PLYMOVENT CONTROL PANEL	36	
	37					0 VA	3700 VA									38	
	39							2657 VA	3700 VA							40	
	41	EX. RTU	EXTEND/MODIFY EXISTING CONDUIT AND CONDUCTORS.	50 A	3					2657 VA	10808 VA				ELEVATOR	42	
	43					2657 VA	10808 VA					3	150 A	(3) #1/0 THHN, #6G, 1-1/2"C		44	
	45	SPACE ONLY		--	1			--	10808 VA							46	
	47	SPACE ONLY		--	1					--	--	1	--		ELEVATOR SHUNT DEVICE	48	

MARLBORO FIRE DEPARTMENT HOSE 38 CO. NO. 1 1897 125 YEARS 2022 NY

MARLBOROUGH FIRE DISTRICT

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NO.	REVISIONS	DATE
0	ISSUED FOR BID	06/15/2026

DWG. TITLE

ELECTRICAL:
EQUIPMENT SCHEDULES

0 1" 2"
GENERIC SCALE BAR
SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING. IF NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY

DATE	06/15/2026
SCALE	12" = 1'-0"
DWN.	RL/KC CHK. WH
PROJ. No.	653001
DWG. No.	E701

Branch Panel: LPC1

Location: ELEC / MECH 115
Supply From: MDP
Mounting: Surface
Enclosure: NEMA 1 Indoor

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 22kA
Mains Type: MLO
Mains Rating: 150 A

NOTES	CKT NO.	CIRCUIT DESCRIPTION	CONDUCTORS	CB SIZE	POLES	A		B		C		POLES	CB SIZE	CONDUCTORS	CIRCUIT DESCRIPTION	CKT NO.	NOTES
	1	HOISTWAY LIGHTS & RECEPTACLES	(2) #12 THHN, #12G, 3/4"C	20 A	1	180 VA	1000 VA					1	20 A	(2) #12 THHN, #12G, 3/4"C	CEILING FANS	2	
	3	HOISTWAY SUMP PUMP	(2) #12 THHN, #12G, 3/4"C	20 A	1			680 VA	650 VA			2	15 A	(2) #12 THHN, #12G, 3/4"C	ERV-1	4	
	5	ASST. CHIEFS OFF. RECEPTACLES	(2) #12 THHN, #12G, 3/4"C	20 A	1					720 VA	650 VA					6	
	7	SPARE		20 A	1	0 VA	500 VA					1	20 A	(2) #12 THHN, #12G, 3/4"C	IRH	8	
	9	EH-A	(2) #12 THHN, #12G, 3/4"C	20 A	2			1000 VA	500 VA			1	20 A	(2) #12 THHN, #12G, 3/4"C	LIFT	10	
	11									1000 VA	500 VA	1	20 A	(2) #12 THHN, #12G, 3/4"C	TPU-1	12	
	13	ERV-2	(2) #12 THHN, #12G, 3/4"C	20 A	1	500 VA	950 VA					2	20 A	(2) #12 THHN, #12G, 3/4"C	DOOR OPENER	14	
LOCK	15	FIRE ALARM CONTROL PANEL	(2) #12 THHN, #12G, 3/4"C	20 A	1			500 VA	950 VA							16	
	17	GAS DETECTION PANEL	(2) #12 THHN, #12G, 3/4"EMT	20 A	1					500 VA	950 VA	2	20 A	(2) #12 THHN, #12G, 3/4"C	DOOR OPENER	18	
	19	RADIANT HEATER	(2) #12 THHN, #12G, 3/4"EMT	20 A	1	180 VA	950 VA									20	
	21	DOOR OPENER	(2) #12 THHN, #12G, 3/4"C	20 A	2			950 VA	--			1	--		SPACE ONLY	22	
	23									950 VA	--	1	--		SPACE ONLY	24	
	25	EH-A	(2) #12 THHN, #12G, 3/4"C	20 A	2	1000 VA	1000 VA					3	60 A	(3) #4 THHN, #10G, 1"C	ERV-1 HEATER	26	
	27							1000 VA	1000 VA							28	
	29	EH-A (2ND FLOOR STORAGE)	(2) #12 THHN, #12G, 3/4"C	20 A	2					1000 VA	1000 VA					30	
	31					1000 VA	--					2	--	100A 2P FRAME	SPACE ONLY - "FUTURE EV CHARGER"	32	
	33	EH-A (2ND FLOOR LAV 204)	(2) #12 THHN, #12G, 3/4"C	20 A	2			1000 VA	--							34	
	35									1000 VA	--	2	--	100A 2P FRAME	SPACE ONLY - "FUTURE EV CHARGER"	36	
	37	EH-A (2ND FLOOR LAV 203)	(2) #12 THHN, #12G, 3/4"C	20 A	2	1000 VA	--									38	
	39							1000 VA	--			1	--		SPACE ONLY	40	
	41	ELEVATOR MACHINE ROOM...	(2) #12 THHN, #12G, 3/4"EMTC	20 A	1					180 VA	--	1	--		SPACE ONLY	42	

Branch Panel: LPC2

Location: ELEC / MECH 115
Supply From: MDP
Mounting: Surface
Enclosure: NEMA 1 Indoor

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 22kA
Mains Type: MLO
Mains Rating: 100 A

NOTES	CKT NO.	CIRCUIT DESCRIPTION	CONDUCTORS	CB SIZE	POLES	A		B		C		POLES	CB SIZE	CONDUCTORS	CIRCUIT DESCRIPTION	CKT NO.	NOTES
	1	EXTERIOR LIGHTS	(2) #12 THHN, #12G, 3/4"C	20 A	1	128 VA	180 VA					1	20 A	(2) #12 THHN, #12G, 3/4"C	CORD REEL	2	
	3	KITCHEN RECEPTACLES	(2) #12 THHN, #12G, 3/4"C	20 A	1			360 VA	360 VA			1	20 A	(2) #12 THHN, #12G, 3/4"C	KITCHEN RECEPTACLES	4	
	5	EXTERIOR LIGHTS	(2) #12 THHN, #12G, 3/4"C	20 A	1					170 VA	876 VA	1	20 A	(2) #12 THHN, #12G, 3/4"C	LIGHTS	6	
	7	CHIEFS OFFICE RECEPTACLES	(2) #12 THHN, #12G, 3/4"C	20 A	1	900 VA	900 VA					2	20 A	(2) SETS OF: (2) #12 THHN, #12G, IN SHARED 3/4"C	BAY LIGHTS	8	(2) 20A/1P
	9	DOOR ACCESS CONTROL UNIT	(2) #12 THHN, #12G, 3/4"C	20 A	1			500 VA	900 VA							10	
	11	CORR. & JAN. & LAV RECEPTACLES	(2) #12 THHN, #12G, 3/4"C	20 A	1					1080 VA	180 VA	1	20 A	(2) #12 THHN, #12G, 3/4"C	WATER FOUNTAIN RECEPTACLES	12	GFCI
	13	CORD REEL	(2) #12 THHN, #12G, 3/4"C	20 A	1	180 VA	720 VA					1	20 A	(2) #12 THHN, #12G, 3/4"C	APPARATUS BAY RECEPTACLES	14	
GFCI	15	WATER FOUNTAIN RECEPTACLES	(2) #12 THHN, #12G, 3/4"C	20 A	1			180 VA	720 VA			1	20 A	(2) #12 THHN, #12G, 3/4"C	APPARATUS BAY RECEPTACLES	16	
	17	ASST. CHIEFS OFF. RECEPTACLES	(2) #12 THHN, #12G, 3/4"C	20 A	1					720 VA	360 VA	1	20 A	(2) #12 THHN, #12G, 3/4"C	BAY DOOR TV RECEPTACLES	18	
	19	DOOR CONTROL PANEL	(2) #12 THHN, #12G, 3/4"C	20 A	1	500 VA	--					1	--		SPACE ONLY	20	
	21	BAY DOOR TV RECEPTACLES	(2) #12 THHN, #12G, 3/4"C	20 A	1			720 VA	--			1	--		SPACE ONLY	22	
	23	SPACE ONLY		--	1					--	--	1	--		SPACE ONLY	24	
	25	SPACE ONLY		--	1	--	--					1	--		SPACE ONLY	26	
	27	SPACE ONLY		--	1			--	--			1	--		SPACE ONLY	28	
	29	SPACE ONLY		--	1					--	--	1	--		SPACE ONLY	30	
	31	SPACE ONLY		--	1	--	--					1	--		SPACE ONLY	32	
	33	SPACE ONLY		--	1			--	--			1	--		SPACE ONLY	34	
	35	SPACE ONLY		--	1					--	--	1	--		SPACE ONLY	36	
	37	SPACE ONLY		--	1	--	--					1	--		SPACE ONLY	38	
	39	SPACE ONLY		--	1			--	--			1	--		SPACE ONLY	40	
	41	SITE LIGHTING	(2) #10 THWN, #10G, 1"C	20 A	1					0 VA	0 VA	1	20 A	(2) #10 THWN, #10G, 1"C	EXTERIOR SIGN	42	ADD ALT

Branch Panel: LPD

Location: MECHANICAL / ELECTRICAL...
Supply From: MDP
Mounting: Surface
Enclosure: NEMA 1 Indoor

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 22kA
Mains Type: MLO
Mains Rating: 200 A

NOTES	CKT NO.	CIRCUIT DESCRIPTION	CONDUCTORS	CB SIZE	POLES	A		B		C		POLES	CB SIZE	CONDUCTORS	CIRCUIT DESCRIPTION	CKT NO.	NOTES
	1	EXTERIOR LIGHTS	(2) #12 THHN, #12G, 3/4"C	20 A	1	21 VA	500 VA					1	20 A	(2) #12 THHN, #12G, 3/4"C	NOTIFICATION ALARM BOOSTER...	2	
	3	DISPLAY ROOM RECEPTACLES	(2) #12 THHN, #12G, 3/4"C	20 A	1			360 VA	500 VA			1	20 A	(2) #12 THHN, #12G, 3/4"C	SCBA CONTROLLER	4	
	5	LIGHTS	(2) #12 THHN, #12G, 3/4"C	20 A	1					451 VA	540 VA	1	20 A	(2) #12 THHN, #12G, 3/4"C	SCBA & JANITOR RECEPTACLES	6	
	7	LIGHTS	(2) #12 THHN, #12G, 3/4"C	20 A	1	771 VA	1080 VA					1	20 A	(2) #12 THHN, #12G, 3/4"C	GEAR LOCKER RECEPTACLES	8	
	9	WH-1 & P-1	(2) #12 THHN, #12G, 3/4"C	20 A	1			1000 VA	720 VA			1	20 A	(2) #12 THHN, #12G, 3/4"C	DAY ROOM PANTRY RECEPTACLES	10	
	11	LIGHTS	(2) #12 THHN, #12G, 3/4"C	20 A	1					1019 VA	1400 VA	1	20 A	(2) #12 THHN, #12G, 3/4"C	LIGHTS	12	
	13	DORM RECEPTACLES	(2) #12 THHN, #12G, 3/4"C	20 A	1	1440 VA	1458 VA					1	20 A	(2) #12 THHN, #12G, 3/4"C	LIGHTS	14	
	15	DORM RECEPTACLES	(2) #12 THHN, #12G, 3/4"C	20 A	1			1440 VA	1980 VA			1	20 A	(2) #12 THHN, #12G, 3/4"C	GEAR LOCKER RECEPTACLES	16	
GFCI	17	WATER FOUNTAIN RECEPTACLES	(2) #12 THHN, #12G, 3/4"C	20 A	1					180 VA	180 VA	1	20 A	(2) #12 THHN, #12G, 3/4"C	REFRIGERATOR	18	GFCI
	19	LAUNDRY & TOILET RECEPTACLES	(2) #12 THHN, #12G, 3/4"C	20 A	1	1800 VA	90 VA					2	30 A	(3) #10 THHN, #10G, 3/4"C	CLOTHES DRYER	20	GFCI
	21	TREADMILL	(2) #12 THHN, #12G, 3/4"C	20 A	1			180 VA	90 VA							22	
GFCI	23	CLOTHES DRYER	(3) #10 THHN, #10G, 3/4"C	30 A	2					90 VA	2912 VA	2	40 A	(2) #8 THHN, #10G, 3/4"C	SCBA COMPRESSOR	24	
	25					90 VA	2912 VA									26	
	27	GEAR DRYER	(3) #8 THHN, #10G, 3/4"C	40 A	2			3600 VA	180 VA			1	20 A	(2) #12 THHN, #12G, 3/4"C	REFRIGERATOR	28	
	29									3600 VA	180 VA	1	20 A	(2) #12 THHN, #12G, 3/4"C	LAUNDRY RECEPTACLE	30	
	31	TREADMILL	(2) #12 THHN, #12G, 3/4"C	20 A	1	180 VA	180 VA					1	20 A	(2) #12 THHN, #12G, 3/4"C	DAY ROOM PANTRY RECEPTACLES	32	
	33	ICE MAKER	(2) #12 THHN, #12G, 3/4"C	20 A	1			180 VA	180 VA			1	20 A	(2) #12 THHN, #12G, 3/4"C	CLOTHES WASHER	34	GFCI
	35	CORRIDOR RECEPTACLES	(2) #12 THHN, #12G, 3/4"C	20 A	1					180 VA	540 VA	1	20 A	(2) #12 THHN, #12G, 3/4"C	DAY ROOM RECEPTACLES	36	
	37	GYM RECEPTACLES	(2) #12 THHN, #12G, 3/4"C	20 A	1	180 VA	180 VA					1	20 A	(2) #12 THHN, #12G, 3/4"C	CLOTHES WASHER	38	GFCI
	39	MECH RM RECEPTACLE	(2) #12 THHN, #12G, 3/4"C	20 A	1			540 VA	900 VA			1	20 A	(2) #12 THHN, #12G, 3/4"C	GYM RECEPTACLES	40	
	41	DAY ROOM RECEPTACLES	(2) #12 THHN, #12G, 3/4"C	20 A	1					1080 VA	180 VA	1	20 A	(2) #12 THHN, #12G, 3/4"C	GAS RANGE & HOOD	42	GFCI
	43	LOCKER & LAUNDRY RECEPTACLES	(2) #12 THHN, #12G, 3/4"C	20 A	1	540 VA	900 VA					1	20 A	(2) #12 THHN, #12G, 3/4"C	GEAR LOCKER RECEPTACLES	44	
	45	FUTURE EXTRACTOR	EXTEND 1"C WITH NYLON DRAG LINE	20 A	3			840 VA	2280 VA			3	30 A	(3) #10 THHN, #10G, 3/4"C	GEAR WASHER	46	
	47									840 VA	2280 VA					48	
	49					840 VA	2280 VA									50	
	51	SCBA GEAR CLEANER	(3) #8 THHN #10 EGC 3/4" EMT	40 A	3			3500 VA	180 VA			1	20 A	(2) #12 THHN, #12G, 3/4"C	RANGE HOOD CONTROLLER	52	GFCI
	53									3500 VA	360 VA	1	20 A	(2) #12 THHN, #12G, 3/4"C	STORAGE ROOM RECEPTACLES	54	
	55					3500 VA	500 VA					1	20 A		DOOR CONTROL PANEL	56	
	57	COMPRESSOR	(2) #10 THHN, #10G, 3/4"C	30 A	2			2288 VA	0 VA			1	20 A		SPARE	58	
	59									2288 VA	0 VA	1	20 A		SPARE	60	

Branch Panel: LPE

Location: MECHANICAL / ELECTRICAL...
Supply From: MDP
Mounting: Surface
Enclosure: NEMA 1 Indoor

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 22kA
Mains Type: MLO
Mains Rating: 400 A

NOTES	CKT NO.	CIRCUIT DESCRIPTION	CONDUCTORS	CB SIZE	POLES	A		B		C		POLES	CB SIZE	CONDUCTORS	CIRCUIT DESCRIPTION	CKT NO.	NOTES
	1	EH-A	(2) #12 THHN, #12G, 3/4"C	20 A	2	1000 VA										2	
	3							1000 VA	1000 VA			2	20 A	(2) #12 THHN, #12G, 3/4"C	EH-A	4	
	5	HP-1	(2) #8 THHN, #10G, 3/4"C	40 A	2					2600 VA	1000 VA					6	
	7					2600 VA	2600 VA					2	40 A	(2) #8 THHN, #10G, 3/4"C	HP-1	8	
	9	HP-1	(2) #8 THHN, #10G, 3/4"C	40 A	2			2600 VA	2600 VA							10	
	11									2600 VA	2600 VA	2	40 A	(2) #8 THHN, #10G, 3/4"C	HP-1	12	
	13	RTU-4	(3) #8 THHN, #10G, 3/4"C	50 A	3	4420 VA	2600 VA									14	
	15							4420 VA	4433 VA			3	50 A	(3) #8 THHN, #10G, 3/4"C	RTU-2	16	
	17									4420 VA	4433 VA					18	
	19	EH-B	(3) #6 THHN, #10G, 3/4"C	60 A	3	5043 VA	4433 VA									20	
	21							5043 VA	5133 VA			3	60 A	(3) #6 THHN, #10G, 3/4"C	RTU-1	22	
	23									5043 VA	5133 VA					24	
	25	RTU-3	(3) #4 THHN, #8G, 1"C	80 A	3	7110 VA	5133 VA									26	
	27							7110 VA	--			1	--		SPACE ONLY	28	
	29									7110 VA	--	1	--		SPACE ONLY	30	

MARLBOROUGH FIRE DISTRICT

MARLBORO HOSE CO. NO. 1
14 GRAND STREET,
MARLBORO, NY 12542

MARLBOROUGH FIRE STATION ADDITIONS AND RENOVATION

CONSTRUCTION DOCUMENTS

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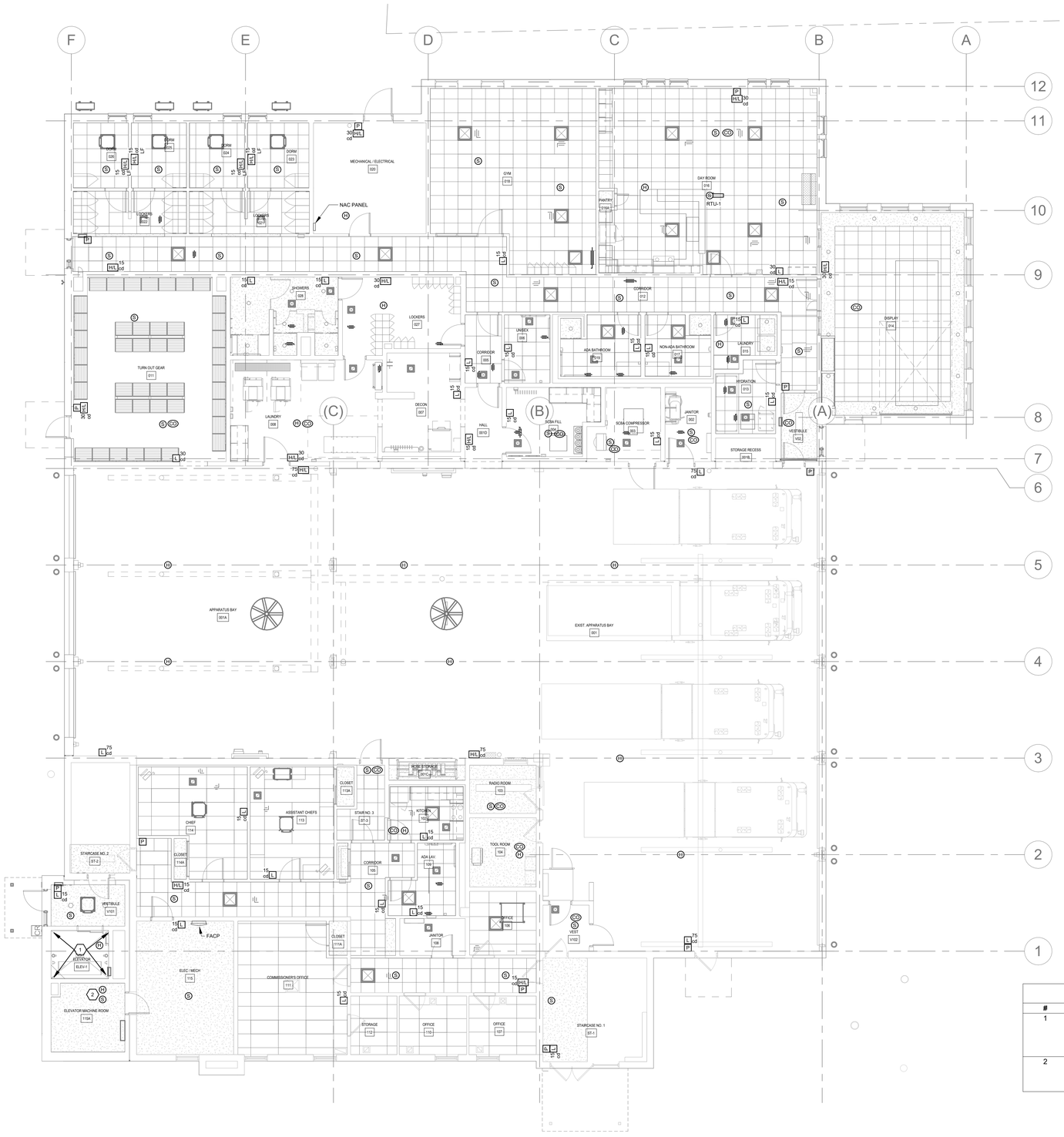
DWG. TITLE

ELECTRICAL:
EQUIPMENT SCHEDULES

0 1" 2"
GENERIC SCALE BAR
SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING. IF NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY

DATE 06/15/2026
SCALE
DWN. RL/KC CHK. WH
PROJ. No. 653001
DWG. No.

E702



1 FIRE ALARM - FIRST FLOOR AND APPARATUS BAY PLAN
SCALE: 1/8" = 1'-0"

N TRUE NORTH

FIRE ALARM PLAN KEYED NOTES	
#	NOTE TEXT
1	FURNISH AND INSTALL HEAT AND SMOKE DETECTOR WITHIN ELEVATOR HOISTWAY AND PIT. HEAT DETECTORS SHALL BE WITHIN 2'-0" OF HOISTWAY SPINKLER HEAD. SMOKE DETECTORS SHALL BE LISTED FOR THE ENVIORNMENT, IN ACCORDANCE WITH NFPA 72-21.3.8. COORDINATE RECALL NOTIFICATION DEVICES WITH APPROVED ELEVATOR EQUIPMENT SPECIFICATIONS. .
2	HEAT DETECTORS SHALL BE WITHIN 2'-0" OF HOISTWAY SPINKLER HEAD. SMOKE DETECTORS SHALL BE LISTED FOR THE ENVIORNMENT, IN ACCORDANCE WITH NFPA 72-21.3.8. COORDINATE RECALL NOTIFICATION DEVICES WITH APPROVED ELEVATOR EQUIPMENT SPECIFICATIONS. .

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MARLBOROUGH FIRE STATION ADDITIONS AND RENOVATION

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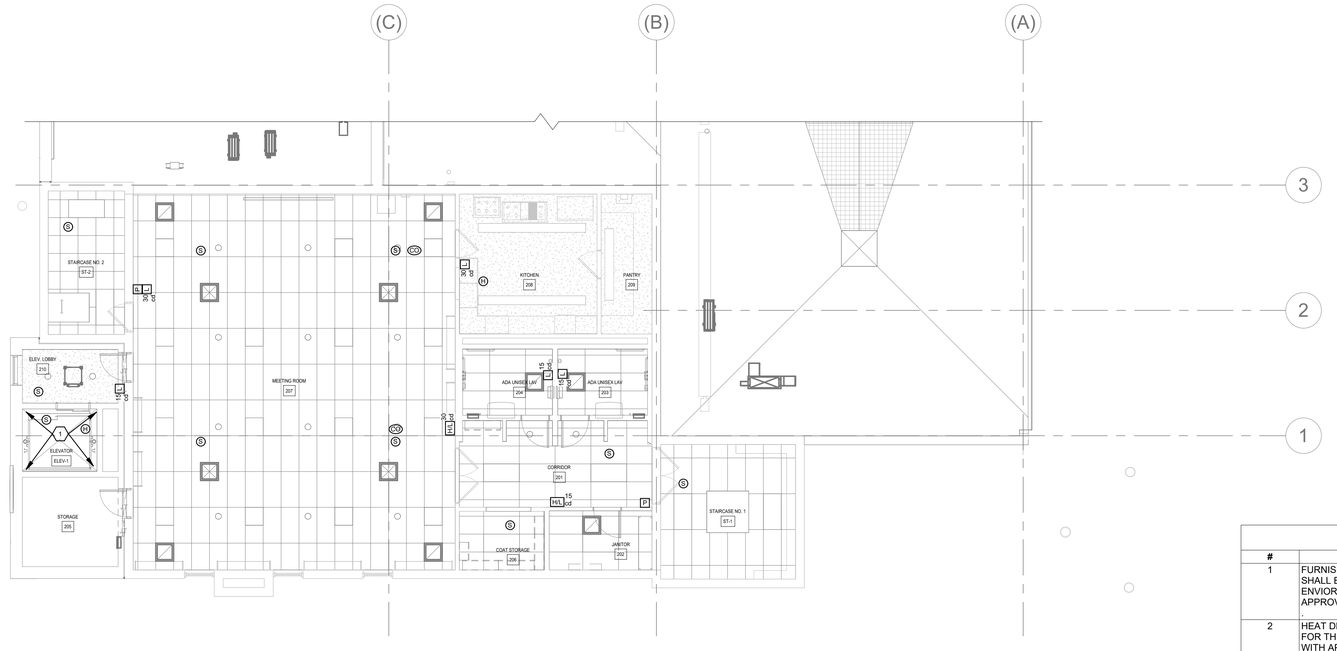
DWG. TITLE

FIRE ALARM:
FIRST FLOOR AND APPARATUS BAY PLAN

0 1" 2"
GENERIC SCALE BAR
SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING. IF NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY

DATE	06/15/2026		
SCALE	1/8" = 1'-0"		
DWN.	RL/KC	CHK.	WH
PROJ. No.	653001		
DWG. No.			

FA101



1 FIRE ALARM - SECOND FLOOR PLAN
SCALE: 1/8" = 1'-0"

N TRUE NORTH

FIRE ALARM PLAN KEYED NOTES	
#	NOTE TEXT
1	FURNISH AND INSTALL HEAT AND SMOKE DETECTOR WITHIN ELEVATOR HOISTWAY AND PIT. HEAT DETECTORS SHALL BE WITHIN 2'-0" OF HOISTWAY SPINKLER HEAD. SMOKE DETECTORS SHALL BE LISTED FOR THE ENVIORNMENT, IN ACCORDANCE WITH NFPA 72-21.3.8. COORDINATE RECALL NOTIFICATION DEVICES WITH APPROVED ELEVATOR EQUIPMENT SPECIFICATIONS. .
2	HEAT DETECTORS SHALL BE WITHIN 2'-0" OF HOISTWAY SPINKLER HEAD. SMOKE DETECTORS SHALL BE LISTED FOR THE ENVIORNMENT, IN ACCORDANCE WITH NFPA 72-21.3.8. COORDINATE RECALL NOTIFICATION DEVICES WITH APPROVED ELEVATOR EQUIPMENT SPECIFICATIONS. .

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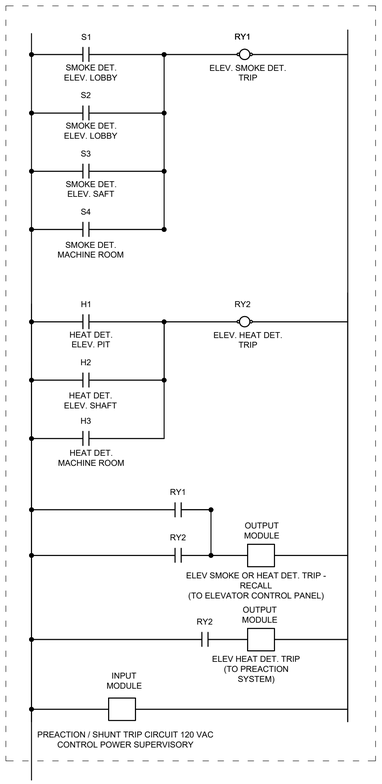
DWG. TITLE

FIRE ALARM:
SECOND FLOOR PLAN

0 1" 2"
GENERIC SCALE BAR
SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING. IF NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY.

DATE	06/15/2026
SCALE	1/8" = 1'-0"
DWN.	RL/KC
CHK.	WH
PROJ. No.	653001
DWG. No.	

FA102



ELEVATOR SPRINKLER PREACTIVE SYSTEM CONTROL REQUIRED COMPONENTS

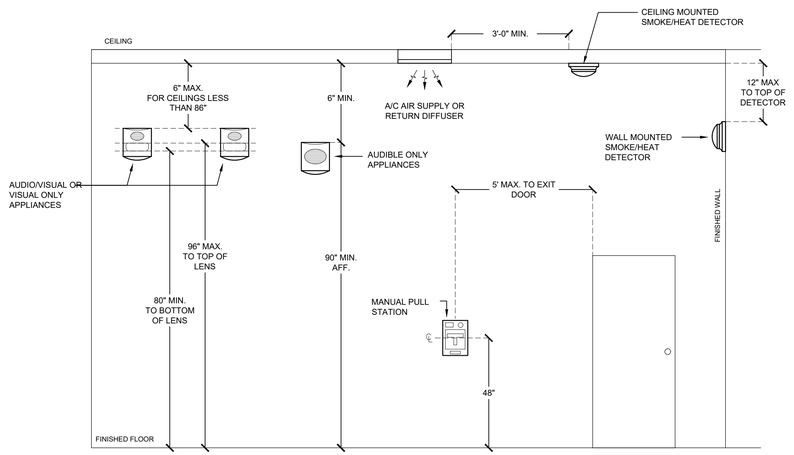
1. SMOKE DETECTOR IN ELEVATOR LOBBY WITHIN 21 FT. OF ELEVATOR DOOR.
2. 135°F HEAT DETECTOR IN ELEVATOR PIT WITHIN 24 IN. OF SPRINKLER HEAD.
3. SMOKE DETECTOR IN ELEVATOR SHAFT AND 135°F HEAT DETECTOR IN ELEVATOR SHAFT WITHIN 24 IN. OF SPRINKLER HEAD.
4. SMOKE DETECTOR IN ELEVATOR SHAFT AND 135°F HEAT DETECTOR IN ELEVATOR MACHINE ROOM WITHIN 24 IN. OF SPRINKLER HEAD.
5. FIRE ALARM PANEL OUTPUT MODULE FOR ELEVATOR RECALL.
6. FIRE ALARM PANEL OUTPUT MODULE FOR ELEVATOR/SPRINKLER PREACTION CONTROL.
7. ELEVATOR CONTROL PANEL OUTPUT MODULE (OR ELEVATOR CONTROL PANEL N.O. CONTACT PAIR) FOR ELEVATOR RECALL COMPLETE STATUS.
8. ELEVATOR POWER DISCONNECT FUSIBLE DISCONNECT SWITCH
   - 8.1. EQUIPPED WITH SHUNT TRIP MECHANISM OPERATED BY FIRE SAFETY INTERFACE RELAY (2023 NEC 620.51).
   - 8.2. EQUIPPED WITH AUXILIARY CONTACT THAT DISCONNECTS ANY ADDITIONAL EMERGENCY OR STANDBY POWER FROM THE LOAD WHEN THE DISCONNECT SWITCH IS IN THE OPEN POSITION (2023 NEC 620.91).
9. FIRE ALARM PANEL 120VAC INPUT MODULE FOR SUPERVISORY MONITORING OF CONTROL POWER.

SEQUENCE OF OPERATION

1. SMOKE DETECTOR ACTIVATES (ELEVATOR LOBBY, ELEVATOR SHAFT, OR MACHINE ROOM)
2. ELEVATOR RECALL CONTACTS FROM FIRE PANEL TO ELEVATOR CONTROL PANEL ACTIVATE.
3. ELEVATOR RECALLS TO DEFAULT LEVEL.
4. ELEVATOR RECALL COMPLETE STATUS CONTACTS ACTIVATE.
5. HEAT DETECTOR TRIPS (ELEVATOR PIT, MACHINE ROOM, OR ELEVATOR SHAFT).
6. ELEVATOR POWER SUPPLY SWITCH SHUNT TRIP COIL IS ENERGIZED.
7. ELEVATOR POWER SUPPLY SWITCH OPENS.
8. LOSS OF 120 VAC CONTROL POWER GENERATES FIRE ALARM PANEL TROUBLE ALARM (SUPERVISORY).

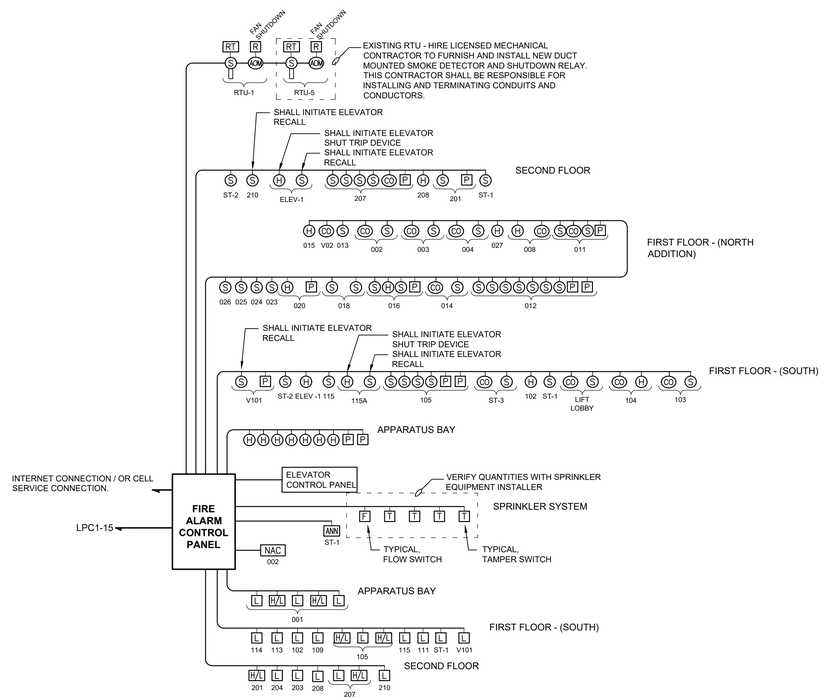
1 ELEVATOR SPRINKLER RECALL & PREACTION DETAIL

NOT TO SCALE



2 FIRE ALARM DEVICE MOUNTING HEIGHT REFERENCE (PER NFPA 72)

NOT TO SCALE



3 FIRE ALARM RISER DIAGRAM

NOT TO SCALE

SEISMIC DESIGN FOR ELECTRICAL EQUIPMENT

THE FIRE ALARM SYSTEM SHALL COMPLY WITH THE NEW YORK STATE UNIFORM FIRE PROTECTION AND BUILDING CODE SECTION 1613 AND APPLICABLE PROVISIONS OF ASCE 7 (ARCHITECTURAL, MECHANICAL AND ELECTRICAL COMPONENT SEISMIC DESIGN REQUIREMENTS).
ELECTRICAL CONTRACTOR SHALL HIRE NYS LICENSED PROFESSIONAL ENGINEER TO DESIGN AND PREPARE SHOP DRAWINGS WITH CALCULATIONS FOR EACH ELECTRICAL EQUIPMENT SUPPORT, CONDUIT SUPPORT, MULTIPLE CONDUIT SUPPORT, TRAPEZE AND SEISMIC RESTRAINT. SUBMIT SHOP DRAWINGS WITH CALCULATIONS TO ENGINEER FOR RECORD AND TO LOCAL AUTHORITY HAVING JURISDICTION FOR APPROVAL.

SEISMIC REQUIREMENTS:
BUILDING USE CATEGORY - IV
SIESMIC DESIGN CATEGORY - C

FIRE ALARM EQUIPMENT SCHEDULE

SYMBOL	DESCRIPTION
ANN	LCD REMOTE ANNUNCIATOR.
H/L	WALL MOUNTED FIRE ALARM HORN/STROBE LIGHT, COLOR: RED, MARKING: 'FIRE', FIELD SELECTABLE OUTPUT OF 15, 30, 75, & 110 CANDELAS.
H/L LF	LOW FREQUENCY (520Hz) WALL MOUNTED FIRE ALARM HORN/STROBE LIGHT, COLOR: RED, MARKING: 'FIRE', FIELD SELECTABLE OUTPUT OF 15, 30, 75, & 110 CANDELAS.
L	CEILING MOUNTED FIRE ALARM STROBE LIGHT, COLOR: RED, MARKING: 'FIRE', FIELD SELECTABLE OUTPUT OF 15, 30, 75 & 110 CANDELAS.
P	DOUBLE ACTION ADDRESSABLE MANUAL PULL STATION WITH TAMPER-PROOF CLEAN POLYCARBONATE SHIELD HINGED AT TOP.
S	ADDRESSABLE OPTICAL SMOKE DETECTOR.
H	ADDRESSABLE HEAT DETECTOR ACTUATED BY A FIXED TEMPERATURE OF 135°F OR A RATE OF RISE OF THAT EXCEEDS 15°F PER MINUTE.
CO	ADDRESSABLE CARBON MONOXIDE DETECTOR WITH TEMPORAL 3 & 4 SOUNDER BASE. PROVIDE WITH TONE PATTERN GENERATOR.
S	ADDRESSABLE DUCT MOUNTED SMOKE DETECTOR WITH SAMPLING TUBE. PROVIDE WITH KEYED REMOTE TEST STATION. DETECTOR INSTALLED ON RETURN DUCTWORK UPSTREAM OF FAN OR FILTERS OF INDICATED SYSTEM. FIRE ALARM CONTRACTOR SHALL BE RESPONSIBLE FOR MEASURING EXISTING DUCTWORK FOR SAMPLING TUBE SIZE. DETECTOR SHALL BE INSTALLED IN WEATHERPROOF ENCLOSURE IN CASE OF ROOF MOUNTED DUCTWORK INSTALLATION.
R	AUXILIARY RELAY
RT	KEY ACTIVATED REMOTE TEST STATION. TEST STATION SHALL BE INSTALLED WITH WEATHERPROOF COVER WHEN INSTALLED ON ROOF IN CASE OF ROOF MOUNTED DUCTWORK.
D	MAGNETIC DOOR HOLDER. CONTRACTOR SHALL COORDINATE WITH ARCHITECT AND REFER TO DOOR HARDWARE SCHEDULE FOR REQUIRED CONTROL AND MOUNTING AT EACH INDICATED LOCATION.
AM	ADDRESSABLE MONITOR MODULE
ACM	ADDRESSABLE CONTROL MODULE
NAC	NOTIFICATION APPLIANCE CIRCUIT PANEL.

FIRE ALARM NOTES

1. ELECTRICAL CONTRACTOR SHALL HIRE OWNERS FIRE ALARM VENDOR TO ACCOMPLISH FIRE ALARM SCOPE OF WORK, UNLESS OTHERWISE NOTED.
   - 1.1. OWNERS FIRE ALARM VENDOR:
     SAFECO ALARM SYSTEMS, INC
     PHONE NUMBER: (845)-338-4440
     ADDRESS: 642 BROADWAY, KINGSTON, NY 12401
2. FIRE ALARM SYSTEM WIRING, NUMBER AND SIZE OF CONDUCTORS SHALL BE PER MANUFACTURER'S RECOMMENDATIONS BUT NOT LESS THAN 18 AWG. COPPER CONDUCTOR.
3. FIRE ALARM SYSTEM SHALL BE FULLY ADDRESSABLE, WITH DISCREET ADDRESSES FOR EACH ACTIVATING DEVICE. MAIN PANEL SHALL IDENTIFY DEVICE BY ROOM NAMES AND LOCATIONS TO BE PROVIDED BY THE BUILDING OPERATOR.
4. ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL A COMPLETE AND OPERABLE FIRE ALARM AND SMOKE DETECTION SYSTEM IN ACCORDANCE WITH NFPA 72, BUILDING CODE OF NEW YORK STATE AND ALL LOCAL CODES, INCLUDING ALL CIRCUITRY, SMOKE DETECTORS, HEAT DETECTORS, ZONE MODULES, ANNUNCIATION DEVICES, FIRE ALARM PANEL, POWER MODULES, BATTERY BACKUP, MUNICIPAL TIE AND CONNECTION AND OTHER MISCELLANEOUS ITEMS NOT NECESSARILY DETAILED ON THIS DRAWING TO RENDER FIRE ALARM SYSTEM COMPLETE AND OPERATIVE.
5. ELECTRICAL CONTRACTOR SHALL HIRE MANUFACTURER'S REPRESENTATIVE TO FULLY DEMONSTRATE SYSTEM FUNCTION, OPERATION AND MAINTENANCE OF FIRE ALARM SYSTEM TO OWNER.
6. HVAC CONTRACTOR SHALL INSTALL DUCT SMOKE DETECTORS IN DUCTS. DUCT SMOKE DETECTORS SHALL BE FURNISHED AND WIRED BY ELECTRICAL CONTRACTOR.
7. ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL ALL WIRING, RELAYS AND MISCELLANEOUS EQUIPMENT ASSOCIATED WITH HVAC AIR HANDLER UNIT SHUTDOWN FROM FIRE ALARM PANEL.
8. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING TAMPER SWITCHES, FLOW SWITCHES, AND NOTIFICATION DEVICE(S) ASSOCIATED WITH THE SPRINKLER SYSTEM WITH THE SPRINKLER EQUIPMENT INSTALLER. REFER TO FIRE PROTECTION DRAWINGS AND DETAILS FOR ADDITIONAL INFORMATION.

NOTES:

1. FIRE ALARM RISER DIAGRAM REPRESENTS THE INTENT OF DESIGN. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR SUBMITTING SHOP DRAWINGS TO INCLUDE BUT NOT LIMITED TO FLOOR PLANS WITH INDICATED DEVICE LOCATIONS, RISER DIAGRAM, VOLTAGE DROP CALCULATIONS, SEQUENCE OF OPERATION, BATTERY CAPACITY CALCULATIONS, EQUIPMENT DATA SHEETS, ETC. REFER TO SPECIFICATION SECTION 283111 AND NFPA 72 CHAPTER 7.2 FOR ADDITIONAL INFORMATION.

MARLBOROUGH FIRE DISTRICT

MARLBORO HOSE CO. NO. 1
14 GRAND STREET,
MARLBORO, NY 12542

MARLBOROUGH FIRE STATION ADDITIONS AND RENOVATION

CONSTRUCTION DOCUMENTS

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NO.	REVISIONS	DATE
0	ISSUED FOR BID	06/15/2026

DWG. TITLE

FIRE ALARM:
DETAILS

GENERIC SCALE BAR
0 1" 2"
SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING.
IF NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY

DATE	06/15/2026		
SCALE	AS NOTED		
DWN.	RL	CHK.	WH
PROJ. No.	653001		GA25057
DWG. No.			

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