ADJACENT LANDOWNERS

MAP ID	PARCEL NUMBER	OWNER NAME	OWNER ADDRESS
1	90.2-3-48	LONSTEIN	
2	90.2-3-53.2	LONSTEIN	(TO BE VERIFIED
3	91.21-1-117.5	S. MAIN LLC	WITH VILLAGE/COUNTRY
4	91.21-1-2	DUQUE BROCHERO	ASSESSORS OFFICE)
5	91.21-1-23.2	LONNY DISTRIBUTORS	

PROPERTY INFORMATION

ZONE CLASSIFICATION	B-3 HIGHWAY BUSINESS
TAX MAP PARCEL No	91.21-1-21.1,22.1,22.2
TOTAL ACREAGE	3.871 ACRES
WATER SUPPLY	VILLAGE WATER
SEWAGE DISPOSAL	VILLAGE SANITARY
PREDOMINANT SOIL TYPE	SEE TEST HOLE DATA

BULK REGULATIONS

CATEGORY	REQUIRED	PROPOSED
MINIMUM AREA:	5,000 SF	168,784 SF (3.87 AC)
MINIMUM LOT WIDTH (FT)	50 FT	969.67 FT
MINIMUM STREET FRONTAGE (FT)	50 FT	479 FT
MINIMUM FRONT YARD (FT) FROM: COUNTY/STATE HIGHWAY	25 FT	70 FT
MINIMUM SIDE YARD (FT)	12 FT	35 FT
MINIMUM REAR YARD (FT)	12 FT	148.4 FT
MAXIMUM BUILDING HEIGHT (STORIES / FT)	2.5 / 35 FT	2 / 50 FT*
MAXIMUM LOT COVERAGE (PERCENT)	40% OF 168,784 (67,513.6 SF)	10.56% (14,065 SF)

PARKING CALCULATIONS

PROPOSED FIREHOUSE.

1. PARKING PER SCHEDULE:			
TRUCK BAYS & STORAGE:	9,997 SF / 2,550	=	3.99
OFFICE / ADMINISTRATIVE / SUPPORT:	9,768 SF / 300	=	32.56
TRAINING / MEZZANINE:	672 SF / 500	=	1.34
ASSEMBLY:	120 SEAT / 4	=	30.0
SUBTOTAL:		=	67.89
ACCESSORY STORAGE BUILDING			
STORAGE USE:	2,473 SF 2,500	=	0.98
TOTAL PARKING REQUIRED:	68.87	=	69 CARS
TOTAL PARKING PROVIDED		=	**74 CARS**

NOTE: THERE SHALL BE NO CARS PARKED ON UN-DESIGNATED PARKING SPACES, ON THE LANDSCAPED ISLANDS, WITHIN MANEUVERING AISLES OR WITHIN FIRE LANES

ELLENVILLE FIRE DISTRICT
PROPOSED NEW FIREHOUSE FACILITY
203 S. MAIN ST (ROUTE 209) ELLENVILLE, NY



INDEX OF DRAWINGS

CODE SUMMARY DRAWINGS

CODE-1	CODE SUMMARY
CODE-2	CODE SUMMARY AND ENERGY CODE INFO.
CODE-3	FIRST FLOOR CODE PLAN
CODE-4	MEZZANINE CODE PLAN
CODE-5	SECOND FLOOR CODE PLAN

SITE DRAWINGS

B23	SURVEY
26R	TEST HOLE DATA
ESC-1	SITE STAGING & SWPPP
SP-1	SITE DEVELOPMENT PLAN
SP-2	LANDSCAPING PLAN
SP-3.1	SITE GRADING AND DRAINAGE PLAN
SP-4.1	SITE CONCRETE AND HARDSCAPE PLANS
SP-4.2	SITE CONCRETE AND HARDSCAPE PLANS
SP-4.3	SITE DETAILS
SP-5	SITE PHOTOMETRIC PLAN
DOT-1	AREA OF WORK & TRAFFIC CONTROL PLAN
DOT-2	ROAD WORK DETAILS

ARCHITECTURAL

A-1.0	WALL TYPES & FIRE RESISTANT ASSEMBLIES
A-1.1	FIRST FLOOR PLAN
A-1.2	MEZZANINE FLOOR PLAN
A-1.3	SECOND FLOOR PLAN
A-2.1	ROOF PLAN - BASE BID SHINGLE ROOF
A-2.2	ROOF DETAILS AND CALCULATIONS - SHINGLE
A-2.3	ROOF PLAN - ADD ALT METAL ROOF
A-2.4	ROOF DETAILS AND CALCULATIONS - METAL ROOF
A-2.5	FLAT ROOF PLAN AND DETAILS
A-2.6	FLAT ROOF DETAILS
A-3.1	ELEVATIONS & DETAILS
A-3.2	ELEVATIONS & DETAILS
A-3.3	WINDOW SCHEDULE & DETAILS
A-3.4	PATIO SECTION DETAILS
A-3.5	STOREFRONT DOORS & DETAILS
A-4.1	BUILDING SECTION A & DETAILS
A-4.2	BUILDING SECTION B & DETAILS
A-4.3	BUILDING SECTIONS & DETAILS
A-4.4	WALL SECTIONS & DETAILS
A-5.1	STAIR A PLANS / SECTIONS & SECTION
A-5.2	STAIR B PLANS & DETAILS
A-5.3	STAIR B PLANS / SECTION & DETAILS
A-6.1	DOOR SCHEDULE
A-7.1	FINISH SCHEDULE
A-7.2	FINISH DETAILS
A-8.1	KITCHEN PLANS & ELEVATIONS
A-8.2	BATHROOM PLANS & ELEVATIONS
A-8.3	GEARWASH AND BATHROOM PLANS & ELEVATIONS
A-9.1	FIRST FLOOR CEILING PLAN
A-9.2	MEZZANINE CEILING PLAN
A-9.3	SECOND FLOOR CEILING PLAN

STRUCTURAL

S-1.1	FOUNDATION PLAN
S-1.2	FOUNDATION PIER DETAILS
S-2.1	FIRST FLOOR STRUCTURAL PLAN
S-2.2	MEZZANINE / PARTITION STRUCTURAL STEEL PLAN
S-3.1	ROOF / ATTIC STRUCTURAL STEEL PLAN
S-3.2	ROOF FRAMING / ATTIC PLAN
S-4.0	COLUMN SCHEDULE & FRAMING DETAILS
S-5.0	STRUCTURAL CODE AND PROJECT NOTES

ENERGY CODE PLANS

EN-0.1	ENERGY CODE COMPLIANCE SHEET 1
EN-0.2	ENERGY CODE COMPLIANCE SHEET 2
EN-0.3	ENERGY CODE COMPLIANCE SHEET 3
EN-0.4	ENERGY CODE COMPLIANCE SHEET 4
EN-0.5	ENERGY CODE COMPLIANCE SHEET 5

MECHANICAL

M-0.1	MECHANICAL SYMBOLS, ABBREVIATIONS AND GENERAL NOTES
M-0.2	MECHANICAL GENERAL NOTES
M-1.1	MECHANICAL FIRST FLOOR DUCTWORK PLAN
M-1.2	MECHANICAL MEZZANINE DUCTWORK PLAN
M-1.3	MECHANICAL SECOND FLOOR DUCTWORK PLAN
M-2.1	MECHANICAL FIRST FLOOR PIPING PLAN
M-2.2	MECHANICAL MEZZANINE PIPING PLAN
M-2.3	MECHANICAL SECOND FLOOR / ATTIC PIPING PLAN
M-3.1	MECHANICAL RADIANT HEATING FIRST FLOOR PLAN
M-3.2	MECHANICAL RADIANT HEATING MEZZANINE PLAN
M-5.1	MECHANICAL DETAILS
M-5.2	MECHANICAL DETAILS
M-5.3	MECHANICAL DETAILS
M-5.4	MECHANICAL DETAILS
M-5.5	MECHANICAL DETAILS
M-5.6	MECHANICAL DETAILS
M-6.1	MECHANICAL SCHEDULES
M-6.2	MECHANICAL SCHEDULES
M-6.3	MECHANICAL SCHEDULES
M-6.4	MECHANICAL VENTILATION SCHEDULES
M-6.5	MECHANICAL LOAD CALCULATIONS
M-6.6	MECHANICAL LOAD CALCULATIONS
M-7.1	MECHANICAL SPECIFICATIONS
M-7.2	MECHANICAL SPECIFICATIONS
M-7.3	MECHANICAL SPECIFICATIONS
M-8.1	MECHANICAL SEQUENCE OF OPERATIONS
M-8.2	MECHANICAL REFRIGERATION PIPING DIAGRAMS
M-9.1	MECHANICAL RADIANT HEATING FLOW DIAGRAMS
M-9.2	MECHANICAL RADIANT HEATING DETAILS

PLUMBING

P-0.1	PLUMBING SYMBOLS, ABBREVIATIONS AND GENERAL NOTES
P-0.2	PLUMBING GENERAL NOTES
P-1.1	PLUMBING FIRST FLOOR SUPPLY UTILITIES
P-1.2	PLUMBING FIRST FLOOR SANITARY & VENTING
P-1.3	PLUMBING MEZZANINE SUPPLY UTILITIES
P-1.4	PLUMBING MEZZANINE SANITARY & VENTING
P-1.5	PLUMBING SECOND FLOOR SUPPLY UTILITIES
P-1.6	PLUMBING SECOND FLOOR SANITARY & VENTING

PLUMBING (CONTINUED)

P-5.1	PLUMBING DETAILS
P-5.2	PLUMBING DETAILS
P-5.3	PLUMBING DETAILS
P-6.1	PLUMBING RISER DIAGRAMS
P-6.2	PLUMBING RISER DIAGRAMS
P-6.3	PLUMBING RISER DIAGRAM
P-6.4	PLUMBING RISER DIAGRAM
P-7.1	PLUMBING SPECIFICATIONS

FIRE SPRINKLER

FS-0.1	FIRE SPRINKLER SYMBOLS, ABBREVIATIONS AND GENERAL NOTES
FS-1.1	FIRE SPRINKLER FIRST FLOOR PLAN
FS-1.2	FIRE SPRINKLER MEZZANINE PLAN
FS-1.3	FIRE SPRINKLER SECOND FLOOR PLAN
FS-5.1	FIRE SPRINKLER DETAILS
FS-5.2	FIRE SPRINKLER DETAILS
FS-6.1	FIRE SPRINKLER RISER DIAGRAM
FS-7.1	FIRE SPRINKLER SPECIFICATIONS

FIRE ALARM

FA-0.1	FIRE ALARM SYMBOLS, ABBREVIATIONS AND GENERAL NOTES
FA-0.2	FIRE ALARM GENERAL NOTES
FA-1.1	FIRE ALARM FIRST FLOOR PLAN
FA-1.2	FIRE ALARM MEZZANINE
FA-1.3	FIRE ALARM SECOND FLOOR PLAN
FA-1.4	FIRE ALARM ATTIC
FA-5.1	FIRE ALARM DETAILS
FA-6.1	FIRE ALARM RISER DIAGRAM

ELECTRICAL

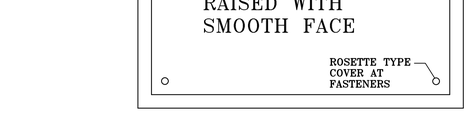
E-0.1	ELECTRICAL SYMBOLS, ABBREVIATIONS AND GENERAL NOTES
E-0.2	ELECTRICAL GENERAL NOTES
E-1.0	ELECTRICAL SITE PLAN
E-1.1	ELECTRICAL FIRST FLOOR LIGHTING PLAN
E-1.2	ELECTRICAL MEZZANINE LIGHTING PLAN
E-1.3	ELECTRICAL SECOND FLOOR LIGHTING PLAN
E-1.4	ELECTRICAL ATTIC LIGHTING PLAN
E-2.1	ELECTRICAL FIRST FLOOR POWER PLAN
E-2.2	ELECTRICAL MEZZANINE POWER PLAN
E-2.3	ELECTRICAL SECOND FLOOR POWER PLAN
E-2.4	ELECTRICAL ATTIC POWER PLAN
E-5.1	ELECTRICAL DETAILS
E-5.2	ELECTRICAL DETAILS
E-6.1	ELECTRICAL RISER DIAGRAM
E-6.2	ELECTRICAL SCHEDULES
E-7.1	ELECTRICAL SPECIFICATIONS
LP-1	LIGHTNING PROTECTION PLAN AND DETAILS
LP-2	LIGHTNING PROTECTION AND DETAILS

SPECIAL SYSTEMS PLANS

IT-1	FIRST FLOOR SPECIAL SYSTEMS PLAN
IT-2	MEZZANINE SPECIAL SYSTEMS PLAN
IT-3	SECOND FLOOR SPECIAL SYSTEMS PLAN
IT-4	SPECIAL SYSTEMS RISER DIAGRAMS
IT-5	SPECIAL SYSTEMS RISER DIAGRAMS

PLAQUE DETAIL

NOT TO SCALE



GENERAL CONTRACTOR SHALL PROVIDE AND INSTALL WHERE DIRECTED, 24" X 36" BRONZE PLAQUE. TEXT CONTENT, FD LOGO & LAYOUT OF INFORMATION SHALL BE PROVIDED BY OWNER.



LOCATION MAP

SCALE: 1" = 400'-0"

N

DATE	ISSUED
03-17-2026	ISSUED FOR GENERAL CONSTRUCTION BID AS SINGLE PRIME CONTRACT INCLUDING ALL TRADES

SEAL

REGISTERED ARCHITECT DAVID F. SENDLEWSKI 026168 STATE OF NEW YORK

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ARCHITECTS - PLANNERS
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PROPOSED NEW FACILITY
ELLENVILLE FIRE DISTRICT
203 S. MAIN ST. NYS ROUTE 209
ELLENVILLE, NY 12428

COVER SHEET

PROJECT No. 2501

CHECKED BY: MFS

DRAWING:

0-0

CODE REVIEW SUMMARY OF NYSBC 2025 APPLICABLE CODE SECTIONS

CHAPTER NUMBER	CODE SECTION	CODE SECTION NOTES
CHAPTER 3: OCCUPANCY CLASSIFICATION REFER ADDITIONALLY TO TECHNICAL BULLETIN TB-2010-BCNYS OCTOBER 31, 2017, 19 NYCRR 1221-BUILDING CONSTRUCTION	303.4 ASSEMBLY GROUP A-3 INCLUDE THE FIRST FLOOR COMMUNITY ROOM (136 OCCUPANTS) AND SECOND FLOOR TRAINING AREA (77 OCCUPANTS)	406.6.1 HEIGHT AND FIRE AREA LIMITED TO SECTIONS 504 HEIGHT (MAXIMUM 75') & 506 AREA (MAXIMUM 78,000 SF)
	304.1 BUSINESS GROUP B OCCUPANCIES (CIVIC ADMINISTRATION INCLUDES ALL OTHER AREAS NOT SPECIFICALLY IDENTIFIED AS A-3, S-1 OR S-2)	
	311.2 LOW-HAZARD STORAGE S-2 OCCUPANCIES INCLUDE APPARATUS BAY AND ANCILLARY AREAS ACCESSIBLE THERFROM ON THE FIRST FLOOR AND SECOND FLOOR (INCLUDES ATTIC AREA)	
CHAPTER 4: SPECIAL REQUIREMENTS BASED ON OCCUPANCY	406.6.1 HEIGHT AND FIRE AREA LIMITED TO SECTIONS 504 HEIGHT (MAXIMUM 75') & 506 AREA (MAXIMUM 78,000 SF)	406.6.1 HEIGHT AND FIRE AREA LIMITED TO SECTIONS 504 HEIGHT (MAXIMUM 75') & 506 AREA (MAXIMUM 78,000 SF)
	406.6.2 MECHANICAL VENTILATION SYSTEM TO COMPLY WITH CHAPTERS 4 & 5 OF THE INTERNATIONAL MECHANICAL CODE	406.6.1 HEIGHT AND FIRE AREA LIMITED TO SECTIONS 504 HEIGHT (MAXIMUM 75') & 506 AREA (MAXIMUM 78,000 SF)
	406.6.3 AUTOMATIC SPRINKLER SYSTEM IS REQUIRED PER 903.2.10, ITEM 2 WHERE THE GARAGE IS LOCATED BETWEEN OTHER GROUPS	406.6.1 HEIGHT AND FIRE AREA LIMITED TO SECTIONS 504 HEIGHT (MAXIMUM 75') & 506 AREA (MAXIMUM 78,000 SF)
CHAPTER 5: HEIGHT & FIRE AREAS	502.1 ADDRESS IDENTIFICATION REQUIRED	ADDRESS IS ON FRONT OF BUILDING IN COMPLIANCE WITH REQUIREMENTS (4" HIGH, 1/2" STROKE WIDTH)
	504.2 BUILDING IS A MIXED OCCUPANCY IN ACCORDANCE WITH SECTION 508	NO INDIVIDUAL OCCUPANCIES EXCEED HEIGHT AND STORY LIMITS
	505.2 MEZZANINE	COMPLIES WITH ALL SECTIONS INCLUDING AREA LIMITATION (1/3 OF BAY), MEANS OF EGRESS (PER CHAPTER 10) AND OPENNESS (BOTH OPEN AND ENCLOSED PORTIONS > 10 OCCUPANTS)
	504.3 HEIGHT (PER TABLE 504 AND MOST RESTRICTIVE OCCUPANCY)	75 FT BASED ON ALL OCCUPANCIES WITH SPRINKLER SYSTEM
	506.2.2 ALLOWABLE AREA (PER 508.3.2 FOR NON-SEPARATED OCCUPANCIES)	BUILDING IS A NON-SEPARATED OCCUPANCY INDIVIDUALLY CLASSIFIED PER CHAPTER 3
	508.3.3 NO SEPARATION REQUIRED BETWEEN OCCUPANCIES	SECTION 420.3: FLOOR ASSEMBLIES TO BER PER SECTION 711 (711.2.1 FLOOR TO BE NON-COMBUSTIBLE, 711.2.3 NO VERTICAL OPENINGS PERMITTED). SECTION 420.4: AUTOMATIC SPRINKLER SYSTEM TO BE PROVIDED PER SECTION 903.2.8. SECTION 420.5: FIRE ALARM SYSTEM TO BE PER SECTION 907.2.9 (AN AUTOMATIC SPRINKLER IS TO BE PROVIDED THROUGHOUT THE FACILITY PER SECTION 903.3. ALSO PER SECTION 903.2.4 SPRINKLER SYSTEM IS REQUIRED FOR S-1 OCCUPANCIES OVER 5,000 SF FOR STORAGE OF COMMERCIAL MOTOR VEHICLES. SECTION 711.2.3: SUPPORTING CONSTRUCTION NOT REQUIRED TO BE FIRE RESISTANCE RATED PER EXCEPTION 2.
	SECTION 508.3.2 AREA IS LIMITED TO THE AREA OF THE MOST RESTRICTIVE USE	PER TABLE 506.2 ALLOWABLE AREA FACTOR ASSEMBLY A-3 ALLOWS 28,500 SF UNDER TYPE IIIB CONSTRUCTION
	SECTION 509 INCIDENTAL USES	THERE ARE NO AREAS WITHIN THE FACILITY THAT QUALIFIES AS AN INCIDENTAL USE

CHAPTER NUMBER	CODE SECTION	CODE SECTION NOTES
CHAPTER 6: TYPES OF CONSTRUCTION	TABLE 601 - FIRE RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS	ALL BUILDING ELEMENTS ARE REQUIRED TO HAVE A FIRE RESISTANCE RATING OF ZERO (0) HOURS
	SECTION 602.2 BUILDING IS TYPE IIB CONSTRUCTION PER TABLE 601 EXCEPT AS PERMITTED ON SECTION 603	PERMITTED COMBUSTIBLE MATERIALS INCLUDE: PER SECTION 603.1.1 (1.13) FIRE RETARDANT WOOD IS PERMITTED FOR ROOF DECKING UTILIZED ON THIS PROJECT. PER SECTION 603.1 EXCEPTION 4, ROOF COVERING USED CAN BE CLASSIFIED AS A, B OR C. PER SECTION 603.1 EXCEPTION 5, FLOOR FINISH SHALL BE PER 804 (SEE 804.4.2 EXCEPTION WITH SPRINKLERS, CLASS II MATERIALS ARE PERMITTED THROUGHOUT). PER SECTION 603.1 EXCEPTION MILLWORK, DOORS AND FRAMES PER SECTION 603.1 EXCEPTION 7, WALL & CEILING FINISHES PER SECTION 803 (TABLE 803.13, ALL AREAS ARE ALLOWED TO BE CLASS C FINISH EXCEPT FOR INTERIOR STAIRWAYS AND EXIT SHALL BE CLASS). PER SECTION 603.1 EXCEPTION 14, BLOCKING
CHAPTER 7: FIRE & SMOKE PROTECTION FEATURES	SECTION 703 FIRE-RESISTANCE RATINGS AND FIRE TESTS	ALL MATERIALS SHALL BE TESTED IN ACCORDANCE WITH 703.2.1, 703.2.2 & 703.2.3
	SECTION 704 FIRE-RESISTANCE OF STRUCTURAL MEMBERS	NOT APPLICABLE WITH TYPE IIB CONSTRUCTION
	SECTION 705 EXTERIOR WALLS	SECTION 705.2 EXTERIOR WALL PROJECTIONS TO COMPLY WITH SECTION 1405.1.1 FOR TYPE II CONSTRUCTION PER TABLE 705.5, DISTANCE SEPARATIONS EXCEED 30 FEET. NO RATING IS REQUIRED ON EXTERIOR WALLS (TABLE 601)
	SECTION 706 FIRE WALLS	NOT APPLICABLE
	SECTION 707 FIRE BARRIERS	NOT APPLICABLE - NO SEPARATED FIRE AREAS
	SECTION 708 FIRE PARTITIONS	SECTION 708.1.2: CORRIDOR WALLS ARE NOT REQUIRED TO BE RATED PER TABLE 1020.2
	SECTION 709 SMOKE BARRIERS	NOT APPLICABLE
	SECTION 710 SMOKE PARTITIONS	NOT APPLICABLE
	SECTION 711 FLOOR AND ROOF ASSEMBLIES	PER SECTIONS 711.1 & 711.3, FLOOR ASSEMBLIES SHALL BE OF MATERIALS PERMITTED BY THE TYPE OF CONSTRUCTION (TYPE IIB NON-COMBUSTIBLE, 0 FIRE RATING)
	SECTION 714 PENETRATIONS	NON-COMBUSTIBLE PENETRATIONS ARE PERMITTED THROUGH NON RATED ASSEMBLIES WITH ANNULAR SPACE FILLED WITH APPROVED THROUGH-PENETRATION FIRE STOPPING. PRODUCT SPECIFIED IS 3M FIRE BARRIER 3000wt AND FIP I-STOP
	SECTION 715 JOINTS AND VOIDS	NOT APPLICABLE
	SECTION 716 OPENING PROTECTIVES	CORRIDOR AND PARTITION VISION PANELS IN DOORS SHALL MEET NFPA 252, UL10B OR UL 10C, 20 MINUTES RATED FOR MAXIMUM SIZE TESTED. STAIR ENCLOSURE DOOR VISION PANELS SHALL MEET ASTM 119 OR UL 263, 90 MINUTES RATED AND LIMITED TO 100 SQ. IN (5"x20).

CHAPTER NUMBER	CODE SECTION	CODE SECTION NOTES
CHAPTER 7: FIRE & SMOKE PROTECTION FEATURES (CONTINUED)	SECTION 717 DUCTS AND TRANSFER OPENINGS (717.6.3 FOR NON-RATED ASSEMBLIES)	DUCTS MAY PASS THROUGH WALLS WITH ANNULAR SPACES PROTECTED BY AN APPROVED FIRESTOP SYSTEM. PRODUCT USED FOR THIS PROJECT IS 3M FIP I-STOP FOR WELL PENETRATIONS. DUCTS MAY PASS THROUGH FLOORS CONNECTING TWO LEVELS WITH ANNULAR SPACE PROTECTED BY AN APPROVED FIRESTOP SYSTEM. PRODUCT USED FOR THIS PROJECT SHALL BE 3M FIP I-STOP FOR FLOOR PENETRATIONS.
	SECTION 718 CONCEALED SPACES	SECTON 718.2.3 FIRE BLOCKING SHALL BE PROVIDED BETWEEN VERTICAL WALL SPACES AND HORIZONTAL (PENUM) CONCEALED SPACES. ALL WALLS SHALL EXTEND TO DECK ABOVE OR SHALL HAVE THE TOP PLATE/TRACK SEALED WITH 5/8" GYP. BOARD. SECTION 718.3 & 718.4 DRAFT BLOCKING IS NOT REQUIRED BASED ON SPRINKLER SYSTEM.
	SECTION 719 FIRE RESISTANCE FOR PLASTER	NOT APPLICABLE
	SECTION 720 THERMAL AND SOUND INSULATING MATERIALS	SECTION 720.2 CONCEALED INSULATION IS TO HAVE A FLAME SPREAD INDEX OF NOT MORE THAN 25 AND A SMOKE DEVELOPED INDEX OF NOT MORE THAN 450.
	SECTION 721 PRESCRIPTIVE FIRE RESISTANCE	NOT APPLICABLE
	SECTION 722 CALCULATED FIRE RESISTANCE	NOT APPLICABLE
CHAPTER 8: INTERIOR FINISHES	SECTION 803 WALL AND CEILING FINISHES	TABLE 803.13 ALLL ROOMS AND ENCLOSED SPACES FOR A-3, B & S-2 OCCUPANCY WITH SPRINKLERS ARE PERMITTED TO BE CLASS C, FLAME SPREAD 76-200, SMOKE DEVELOPED 0-450. STAIRWAYS AND EXITS THROUGHOUT BUILDING ARE REQUIRED TO BE CLASS B (CLASS C PERMITTED AT R-2 OCCUPANCY BUT NOT UTILIZED).
	SECTION 808 ACOUSTICAL CEILING SYSTEMS	SECTION 808.1.1.1 SUSPENDED ACOUSTICAL CEILINGS SHALL BE INSTALLED IN ACCORDANCE WITH ASTM C635 &C636
CHAPTER 9: FIRE PROTECTION AND LIFE SAFETY		
CHAPTER 10: MEANS OF EGRESS	SECTION 1004 OCCUPANT LOAD	REFER TO CODE DRAWINGS 2 THRU 4 FOR CALCULATIONS
	SECTION 1005 MEANS OF EGRESS SIZING	SECTION 1005.3.1 STAIRWAYS: MINIMUM STAIR WIDTH IS 30 INCHES 1005.3.2 OTHER EGRESS COMPONENTS: MINIMUM WIDTH IS 34.4 INCHES BASED ON FIRST FLOOR OCCUPANCY (60" MIN. PROVIDED).
	SECTION 1006 NUMBER OF EXITS AND ACCESS DOORWAYS	SECTION 1006.2.1 & TABLE 1006.2.1: 2 EXITS REQUIRED MINIMUM BASED ON OCCUPANT LOAD UNDER 500.
	SECTION 1019 EXIT ACCESS STAIRWAYS AND RAMPS	SECTION 1019.3 PER EXCEPTION 1, STAIRWAY A IS ATMOSPHERICALLY COMMUNICATED BETWEEN TWO FLOORS AND IS NOT REQUIRED TO BE AN ENCLOSED SHAFT.
CHAPTER 11: ACCESSIBILITY	SECTION 1102 COMPLIANCE	SECTION 1103.1: THE BUILDING IS FULLY ACCESSIBLE AND COMPLIANT INCLUDING ACCESSIBLE ROUTES AND ALL COMPONENTS.
	SECTION 1112 SIGNAGE	ALL INTERIOR AND EXTERIOR SIGNAGE SHALL COMPLY WITH THE PROVISIONS OF 1112.1 THROUGH 1112.4

DATE	ISSUED
03-17-2026	ISSUED FOR GENERAL CONSTRUCTION BID AS SINGLE PRIME CONTRACT INCLUDING ALL TRADES

SEAL



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PROPOSED NEW FACILITY
ELLENVILLE FIRE DISTRICT
203 S. MAIN ST. NYS ROUTE 209
ELLENVILLE, NY 12428

CODE SUMMARY

PROJECT No. 2501

CHECKED BY:

DRAWING:

CODE-1

CODE REVIEW SUMMARY OF APPLICABLE CODE SECTIONS (CONTINUED)

CHAPTER NUMBER	CODE SECTION	CODE SECTION NOTES
CHAPTER 12: INTERIOR ENVIRONMENT	FACILITY IS TO BE IN COMPLIANCE WITH SECTIONS 1201 THROUGH 1204	REFER TO MEP DOCUMENTS
CHAPTER 13: ENERGY EFFICIENCY	FACILITY IS TO BE IN COMPLIANCE WITH THE NYSECCC 2025	REFER TO COMCHECK REPORT THIS DRAWING FOR COMPLIANCE
CHAPTER 14: EXTERIOR WALLS	SECTION 1402 PERFORMANCE REQUIREMENTS	SECTION 1402.2 EXTERIOR WALLS ARE TO COMPLY WITH WATER RESISTANT BARRIER BEHIND EXTERIOR VENEER SECTION 1402.5.5 FOAM PLASTIC INSULATION IS TO BE IN COMPLIANCE WITH SECTION 2603.
CHAPTER 15: ROOF ASSEMBLIES	ALL ROOF ASSEMBLIES ARE TO MEET THE REQUIREMENTS OF SECTIONS 1502, 1503 & 1504 RESPECTIVELY.	
CHAPTER 16: STRUCTURAL DESIGN	THE FACILITY IS DESIGNED TO MEET THE REQUIREMENTS OF CHAPTER 16	REFER TO S DRAWINGS FOR COMPLIANCE
CHAPTER 17: SPECIAL INSPECTIONS & TESTS	INSPECTIONS SHALL BE CONDUCTED PER THE TOWN INSPECTION CHECKLIST ISSUED WITH THE PERMIT. OWNER PROVIDED THIRD PARTY SUBSOIL COMPACTION AND CONCRETE STRENGTH TESTS ARE TO BE CONDUCTED.	
CHAPTER 18: SOILS & FOUNDATIONS	TEST HOLES WERE PROVIDED BY SOIL MECHANICS ON FEBRUARY 27th 2026. ALL FOOTINGS SHALL REST ON UNDISTURBED 1-TON SOIL.	REFER TO PROJECT STRUCTURAL NOTES ON DRAWING S-5
CHAPTER 19: CONCRETE	ALL CONCRETE SHALL COMPLY WITH ACI 301-99	REFER TO DRAWING S-5 FOR CHAPTER 19 SPECIFIC COMPLIANCE
CHAPTER 21: MASONRY	ALL MASONRY SHALL COMPLY WITH ARTICLE 2.3 OF TMS 602	REFER TO DRAWING S-5 FOR CHAPTER 21 SPECIFIC COMPLIANCE
CHAPTER 22: STEEL	ALL MASONRY SHALL COMPLY WITH ARTICLE 2.3 OF TMS 602	REFER TO DRAWING S-5 FOR CHAPTER 22 SPECIFIC COMPLIANCE
CHAPTER 24: GLASS AND GLAZING	ALL GLAZINGS SHALL COMPLY WITH SECTION 2403 (GENERAL REQUIREMENTS)	
CHAPTER 24: GYPSUM PRODUCTS	ALL GYPSUM SHALL COMPLY WITH SECTION 2502 (GENERAL REQUIREMENTS)	
CHAPTER 26: PLASTIC	SECTION 2603 FOAM PLASTIC INSULATION	SECTION 2603.1.1 SPRAY-APPLIED FOAM PLASTIC IS TO COMPLY WITH ICC 1100. SECTION 2603.3: MANUFACTURED INSULATION ASSEMBLIES ARE TO HAVE A FLAME SPREAD INDEX OF NOT MORE THAN 75 AND A SMOKE SPREAD INDEX OF NOT MORE THAN 450. SECTION 2603.4: A MINIMUM 1/2" GYPSUM WALL BOARD OR EQUIVALENT MATERIAL SHALL BE REQUIRED TO SEPARATE FOAM INSULATION BEING USED FOR THERMAL ENVELOPE.
CHAPTER 27: ELECTRICAL	ALL ELECTRICAL WORK SHALL MEET THE REQUIREMENTS OF THE IEC	REFER TO THE ELECTRICAL DRAWINGS FOR COMPLIANCE
CHAPTER 28: MECHANICAL	ALL MECHANICAL WORK SHALL MEET THE REQUIREMENTS OF THE IMC	REFER TO THE MECHANICAL DRAWINGS FOR COMPLIANCE
CHAPTER 29: PLUMBING	ALL PLUMBING WORK SHALL MEET THE REQUIREMENTS OF THE IPC	REFER TO THE PLUMBING DRAWINGS FOR COMPLIANCE
CHAPTER 30: ELEVATORS	SECTION 3006 ELEVATOR LOBBIES AND HOISTWAY DOOR PROTECTION	SECTION 3006.2: HOISTWAY PROTECTION IS NOT REQUIRED PER EXCEPTION 1, WHERE A SPRINKLER SYSTEM IS PROVIDED THROUGHOUT. SECTION 3006.2.1: CORRIDOR AT ELEVATOR LOBBY IS NOT REQUIRED TO BE RATED PER 1020.2 FOR A, B & S OCCUPANCIES ACCESSED FROM SAID CORRIDORS.
CHAPTER 33: SAFEGUARDS DURING CONSTRUCTION	CONTRACTOR(S) ARE REQUIRED TO COMPLY WITH ANY AND ALL SAFEGUARDS AND OSHA REQUIREMENTS, INCLUDING WEEKLY JOBSITE SAFETY MEETINGS	

TABLE R301.2(1)
CLIMATIC AND GEOGRAPHIC DESIGN CRITERIA

GROUND SNOW LOAD	WIND DESIGN				SEISMIC DESIGN CATEGORY	SUBJECT TO DAMAGE FROM			WINTER DESIGN TEMP	ICE BARRIER UNDERLAYMENT REQUIRED	FLOOD HAZARDS	AIR FREEZING INDEX	MEAN ANNUAL TEMP
	SPEED (MPH)	TOPOGRAPHIC EFFECTS	SPECIAL WIND REGION	WIND-BORNE DEBRIS ZONE		WEATHERING	FROST LINE DEPTH	TERMITE					
60 PSF	115	NO	NO	NO	B	SEVERE	36" BELOW GRADE	MOD-HEAVY	10	YES	N/A	599	

Envelope Compliance Certificate

Project Information

Energy Code:	2025 Energy Conservation Construction Code of New York State
Project Title:	Ellenville FD - New Firehouse Facility
Location:	Ellenville, New York
Climate Zone:	6a
Project Type:	New Construction
Vertical Glazing / Wall Area:	0.074
Skylight / Roof Area	0.001
Project Sub Type:	New Building/Complete

Construction Site:
203 S. Main Street
Ellenville , New York 12428

Owner/Agent:
Ellenville Fire District
Ellenville , New York 12428

Designer/Contractor:
Martin F Sendlewski
Sendlewski Architects PC
215 Roanoke Avenue
Riverhead , New York 11901
631-727-5352
mfs@firehouseplanner.com

Envelope Assemblies

Assembly	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	Proposed U-Factor	Budget U-Factor
Roof:Roof (Flat), Insulation Entirely Above Deck, [Bldg. Use 1 - Fire Station]	1845	---	33.00	0.030	0.029
Roof:Roof (Sloped), Non-Wood Joist/Rafter/Truss, [Bldg. Use 1 - Fire Station]	11068	56.00	0.00	0.027	0.019
Skylight:Skylight, Metal Frame, Perf. Specs.: Product ID , SHGC 0.27, VT 0.41, [Bldg. Use 1 - Fire Station] (b)	13	---	---	0.290	0.480
Floor:Floor, Unheated Slab-On-Grade, Horizontal with vertical 2 ft., [Bldg. Use 1 - Fire Station] (c)	607	---	20.00	0.690	0.510
NORTH					
Ext Wall:Ext Wall (North), Metal Frame, 16" o.c., [Bldg. Use 1 - Fire Station]	2931	21.00	10.00	0.051	0.047
Window:Window (North), Wood Frame, Perf. Specs.: Product ID , SHGC 0.27, PF 0.30, VT 0.46, [Bldg. Use 1 - Fire Station] (b)	216	---	---	0.290	0.270
Door:Door (Storefront), Perf. Specs.: Product ID , SHGC 0.29, PF 0.10, VT 0.40, [Bldg. Use 1 - Fire Station] (b)	52	---	---	0.190	0.630
EAST					
Ext Wall:Ext Wall (East), Metal Frame, 16" o.c., [Bldg. Use 1 - Fire Station]	2760	21.00	10.00	0.051	0.047
Window:Window (East), Wood Frame, Perf. Specs.: Product ID , SHGC 0.27, PF 0.30, VT 0.46, [Bldg. Use 1 - Fire Station] (b)	228	---	---	0.290	0.270
Door:Door (Storefront - East), Perf. Specs.: Product ID , SHGC 0.29, PF 1.00, VT 0.40, [Bldg. Use 1 - Fire Station] (b)	68	---	---	0.190	0.630
Door:Door (OHD), Insulated Metal, Garage door < 14% glazing, [Bldg. Use 1 - Fire Station]	1124	---	---	0.190	0.310
SOUTH					
Ext Wall:Ext Wall (South), Metal Frame, 16" o.c., [Bldg. Use 1 - Fire Station]	2931	21.00	10.00	0.051	0.047
Window:Window (South), Wood Frame, Perf. Specs.: Product ID , SHGC 0.27, PF 0.30, VT 0.46, [Bldg. Use 1 - Fire Station] (b)	114	---	---	0.290	0.270
Door:Door (Rollup), Insulated Metal, Garage door < 14% glazing, [Bldg. Use 1 - Fire Station]	53	---	---	0.160	0.310
Door:Door (HM), Insulated Metal, Swinging, [Bldg. Use 1 - Fire Station]	133	---	---	0.190	0.370
WEST					
Ext Wall:Ext Wall (West), Metal Frame, 16" o.c., [Bldg. Use 1 - Fire Station]	2760	21.00	10.00	0.051	0.047
Window:Window (West), Wood Frame, Perf. Specs.: Product ID , SHGC 0.27, PF 0.30, VT 0.46, [Bldg. Use 1 - Fire Station] (b)	141	---	---	0.290	0.270
Door:Door (West - Glass), Perf. Specs.: Product ID , SHGC 0.29, PF 1.00, VT 0.40, [Bldg. Use 1 - Fire Station] (b)	21	---	---	0.190	0.420
Door:Door (HM - Rear), Insulated Metal, Swinging, [Bldg. Use 1 - Fire Station]	49	---	---	0.160	0.370
Door:Door (OHD - Rear), Insulated Metal, Garage door < 14% glazing, [Bldg. Use 1 - Fire Station]	562	---	---	0.190	0.310

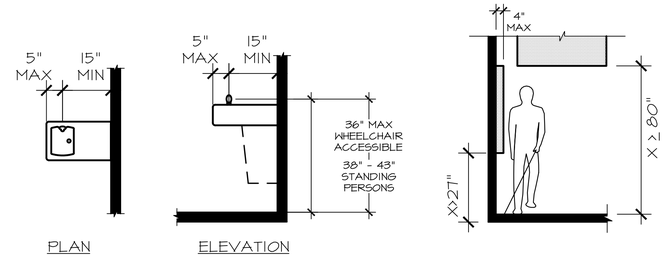
(a) Budget U-factors are used for software baseline calculations ONLY, and are not code requirements.
(b) Fenestration product performance must be certified in accordance with NFRC and requires supporting documentation.
(c) Slab-On-Grade proposed and budget U-factors shown in table are F-factors.

Envelope PASSES: Design 3% better than code

Envelope Compliance Statement

Compliance Statement: The proposed envelope design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed envelope systems have been designed to meet the 2025 Energy Conservation Construction Code of New York State requirements in COMcheckWeb and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Name - Title **Signature** **Date**



ADULT DRINKING FOUNTAIN SPOUT LOCATION — LIMITS OF PROTRUDING OBJECTS

TABLE 403.5 - CLEAR WIDTH OF AN ACCESSIBLE ROUTE

SEGMENT LENGTH	MINIMUM SEGMENT WIDTH
< 24 INCHES (610 MM)	32 INCHES (815 MM) [*]
> 24 INCHES (610 MM)	36 INCHES (915 MM)

[*]: CONSECUTIVE SEGMENTS OF 32 INCHES (815 MM) WIDE MUST BE SEPARATED BY A ROUTE SEGMENT 48 INCHES (1220 MM) LONG MINIMUM AND 36 INCHES (9115 MM) WIDE MINIMUM.

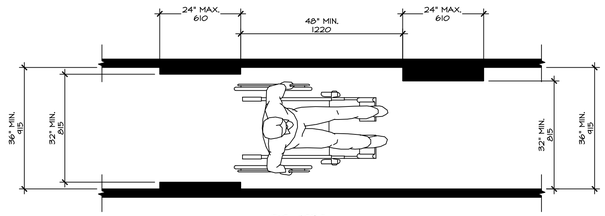


FIG. 403.5
CLEAR WIDTH OF AN ACCESSIBLE ROUTE

TABLE 404.2.4.2 - MANEUVERING CLEARANCES FOR SLIDING AND FOLDING DOORS

APPROACH DIRECTION	MINIMUM CLEARANCES	
	Perpendicular to Door (1)	Parallel to Door
From front	48 inches (1220 mm)	0 inches (0 mm)
From hinge side	42 inches (1065 mm)	54 inches (1370 mm) (2)
From latch side	42 inches (1065 mm)	24 inches (610 mm) (2)

(1) MANEUVERING SPACE SHALL INCLUDE FULL WIDTH OF DOORWAY.
(2) FROM THE LATCH SIDE TOWARD THE APPROACH DIRECTION.

TABLE 404.2.4.1 - MANEUVERING CLEARANCES FOR MANUAL SWINGING DOORS

TYPE OF USE		MINIMUM CLEARANCES	
Approach Direction	Door Side	Perpendicular to Door (1)	Beyond Latch Parallel to Door
From front	Pull	60 inches (1525 mm)	18 inches (455 mm)
From front	Push	48 inches (1220 mm)	18 inches (455 mm)
From Hinge	Pull	60 inches (1525 mm) 54 inches (1370 mm)	18 inches (455 mm) 42 inches (1065 mm)
From Hinge	Push	42 inches (1065 mm) (3)	54 inches (1370 mm)
From latch	Pull	48 inches (1220 mm) (4)	24 inches (610 mm)
From latch	Push	42 inches (1065 mm) (4)	24 inches (610 mm)

(1) MANEUVERING SPACE SHALL INCLUDE FULL WIDTH OF DOORWAY.
(2) ADD 12 INCHES (305 MM) IF CLOSER AND LATCH PROVIDED
(3) ADD 6 INCHES (150 MM) IF CLOSER AND LATCH PROVIDED.
(4) ADD 6 INCHES (150 MM) IF CLOSER PROVIDED.

DATE	ISSUED
03-17-2026	ISSUED FOR GENERAL CONSTRUCTION BID AS SINGLE PRIME CONTRACT INCLUDING ALL TRADES

SEAL

SENDLEWSKI ARCHITECTS, P.C.
ARCHITECTS - PLANNERS
215 ROANOKE AVENUE
RIVERHEAD, NY 11901
MFS@FIREHOUSEPLANNER.COM
(631) 727-5362

PROPOSED NEW FACILITY
ELLENVILLE FIRE DISTRICT
203 S. MAIN ST. NYS ROUTE 209
ELLENVILLE, NY 12428

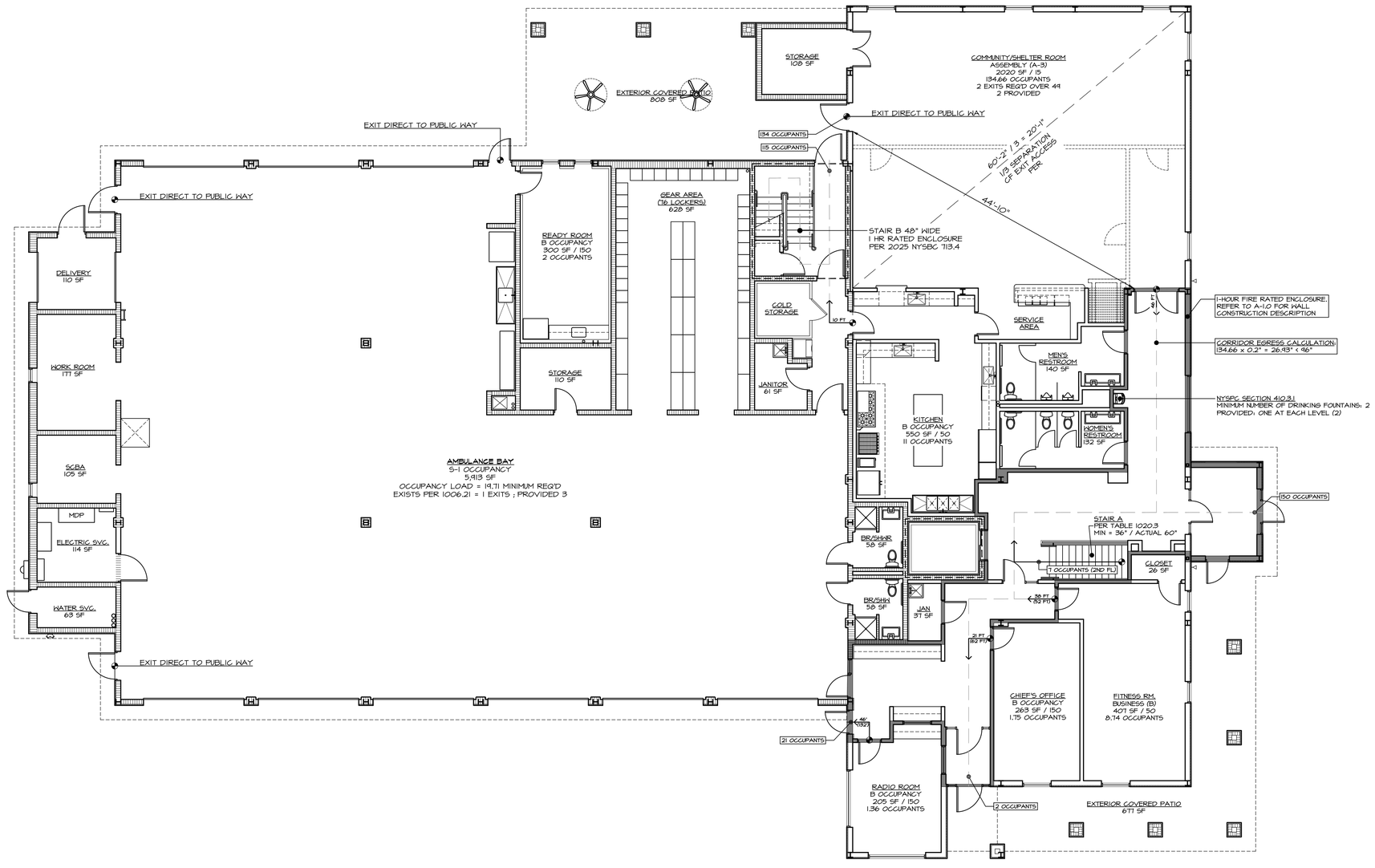
CODE SUMMARY AND ENERGY CODE INFORMATION

PROJECT No. 2501

CHECKED BY:

DRAWING:

CODE-2



FIRST FLOOR CODE PLAN (14,065 S.F.) (1,485 SQ.FT. COVERED PATIO AREAS)

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

FIRST FLOOR CODE INFORMATION

CODE ITEMS SPECIFIC TO FIRST FLOOR

OCCUPANCY CLASSIFICATION:
A - ASSEMBLY 3
B - BUSINESS
S-1 - MODERATE HAZARD STORAGE
S-2 - LOW HAZARD STORAGE

CONSTRUCTION: TYPE II B
FIRE RATING REQ'D = 0 HR (SEE 508.3.3)

MAXIMUM UNSEPERATED FIRE AREA PER TABLE 506.2
(MOST RESTRICTIVE) = 69,000 S.F

ACTUAL FIRE AREA = 11,585 S.F.
(OCCUPANCY LOADS PER TABLE 1004.5)

STORAGE S-1= 5,913 / 300 = 19,71

STORAGE S-2 = 1,307 / 500 = 2.61

ASSEMBLY 3 = 2,020 / 15 = 134.66

BUSINESS B = 2,345 / 150 = 15.63

TOTAL = 172.61 = 172 OCCUPANTS

SECTION 1006.3.3 (TABLE 1006.3.3)
MINIMUM NUMBER OF EXITS PER STORY
171 > 500 = 2 MINIMUM; 7 PROVIDED

SECTION 1017.1 (TABLE 1017.2)
EXIT ACESS TRAVEL DISTANCE

MOST RESTRICTIVE OCCUPANCY = ASSEMBY
MAX. ALLOWABLE TRAVEL DISTANCE = 250 FT

ACTUAL MAXIMUM TRAVEL DISTANCE = 132 FT

EGRESS LEGEND

- POINT OF ENTRY TO COMMON EGRESS
- 38 FT (52 FT) — DISTANCE TO PUBLIC WAY (ALT. DIST. TO PUBLIC WAY)
- XX OCCUPANTS — TOTAL UTILIZATION OF EGRESS POINT
- COMMON PATH OF EGRESS
- 1-HOUR FIRE RATED SHAFT
- 1-HOUR FIRE RATED EXIT ENCLOSURE

DATE	ISSUED
03-17-2026	ISSUED FOR GENERAL CONSTRUCTION BID AS SINGLE PRIME CONTRACT INCLUDING ALL TRADES

SEAL

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MFS@FIREHOUSEPLANNER.COM
(631) 727-5362

PROPOSED NEW FACILITY
ELLENVILLE FIRE DISTRICT
203 S. MAIN ST. NYS ROUTE 209
ELLENVILLE, NY 12428

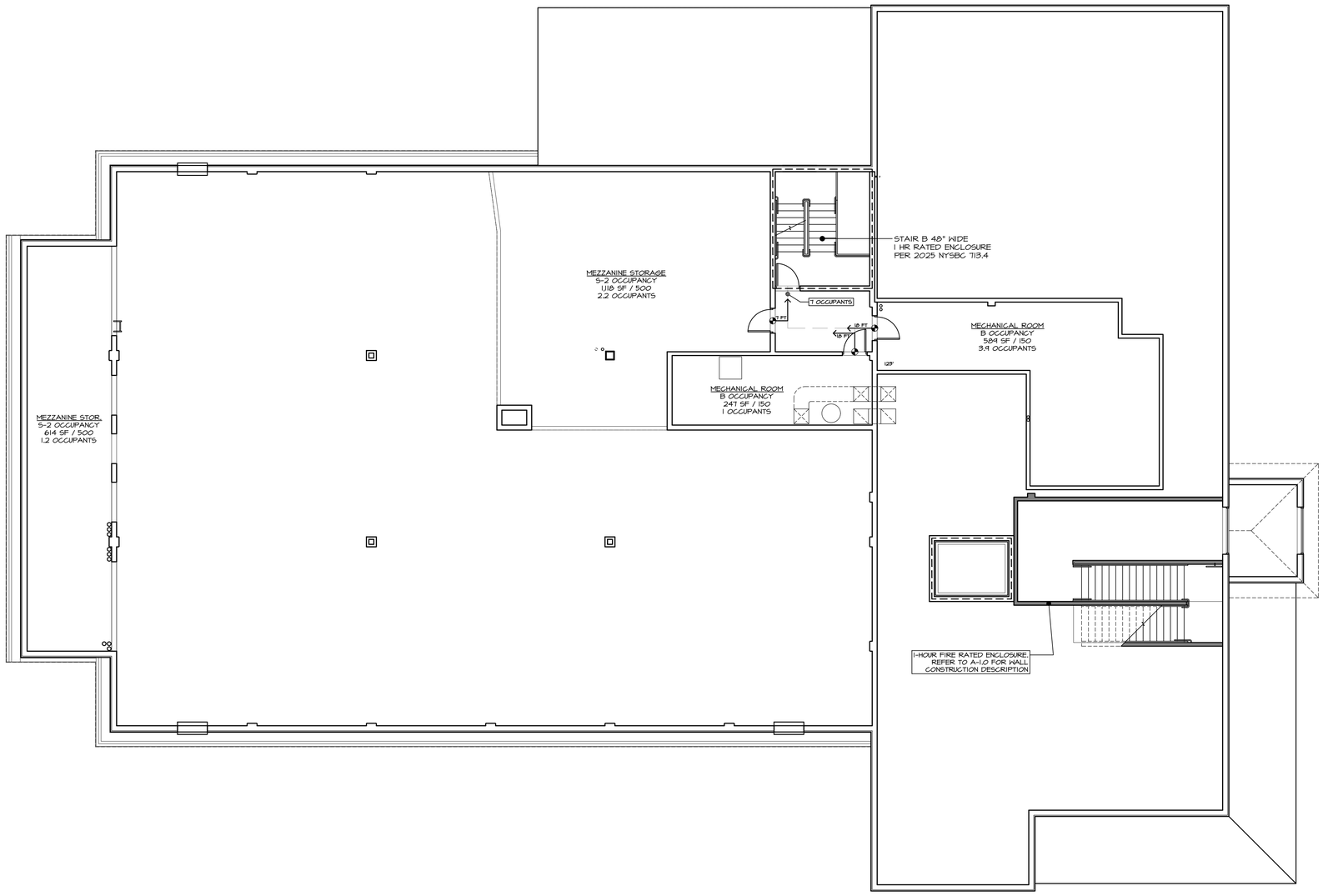
FIRST FLOOR CODE PLAN

PROJECT No. 2501

CHECKED BY:

DRAWING:

CODE-3



MEZZANINE CODE PLAN (3,181 S.F.)

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

MEZZANINE CODE INFORMATION (INC. w/ FIRST FL.)

CODE ITEMS SPECIFIC TO FIRST FLOOR

OCCUPANCY CLASSIFICATION:
B - BUSINESS
S-2 - LOW HAZARD STORAGE

CONSTRUCTION: TYPE II B
FIRE RATING REQ'D = 0 HR (SEE 508.3.3)

MAXIMUM UNSEPERATED FIRE AREA PER TABLE 506.2
(MOST RESTRICTIVE) = 69,000 S.F

ACTUAL FIRE AREA = 2,568 S.F.
(OCCUPANCY LOADS PER TABLE 1004.5)

STORAGE S-2 = 1,732 / 500 = 3.46

BUSINESS B = 836 / 150 = 5.57

TOTAL = 9.03 = **9 OCCUPANTS**

SECTION 1006.3.3 (TABLE 1006.3.3)
MINIMUM NUMBER OF EXITS PER STORY
171 > 500 = 2 MINIMUM; 1 PROVIDED

SECTION 1017.1 (TABLE 1017.2)
EXIT ACESS TRAVEL DISTANCE

MOST RESTRICTIVE OCCUPANCY = ASSEMBY
MAX. ALLOWABLE TRAVEL DISTANCE = 250 FT

ACTUAL MAXIMUM TRAVEL DISTANCE = 18 FT

EGRESS LEGEND

- POINT OF ENTRY TO COMMON EGRESS
- 38 FT (52 FT) — DISTANCE TO PUBLIC WAY (ALT. DIST. TO PUBLIC WAY)
- XX OCCUPANTS — TOTAL UTILIZATION OF EGRESS POINT
- COMMON PATH OF EGRESS
- 1-HOUR FIRE RATED SHAFT
- 1-HOUR FIRE RATED EXIT ENCLOSURE

DATE	ISSUED
03-17-2026	ISSUED FOR GENERAL CONSTRUCTION BID AS SINGLE PRIME CONTRACT INCLUDING ALL TRADES

SEAL

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ELLENVILLE, NY 12428

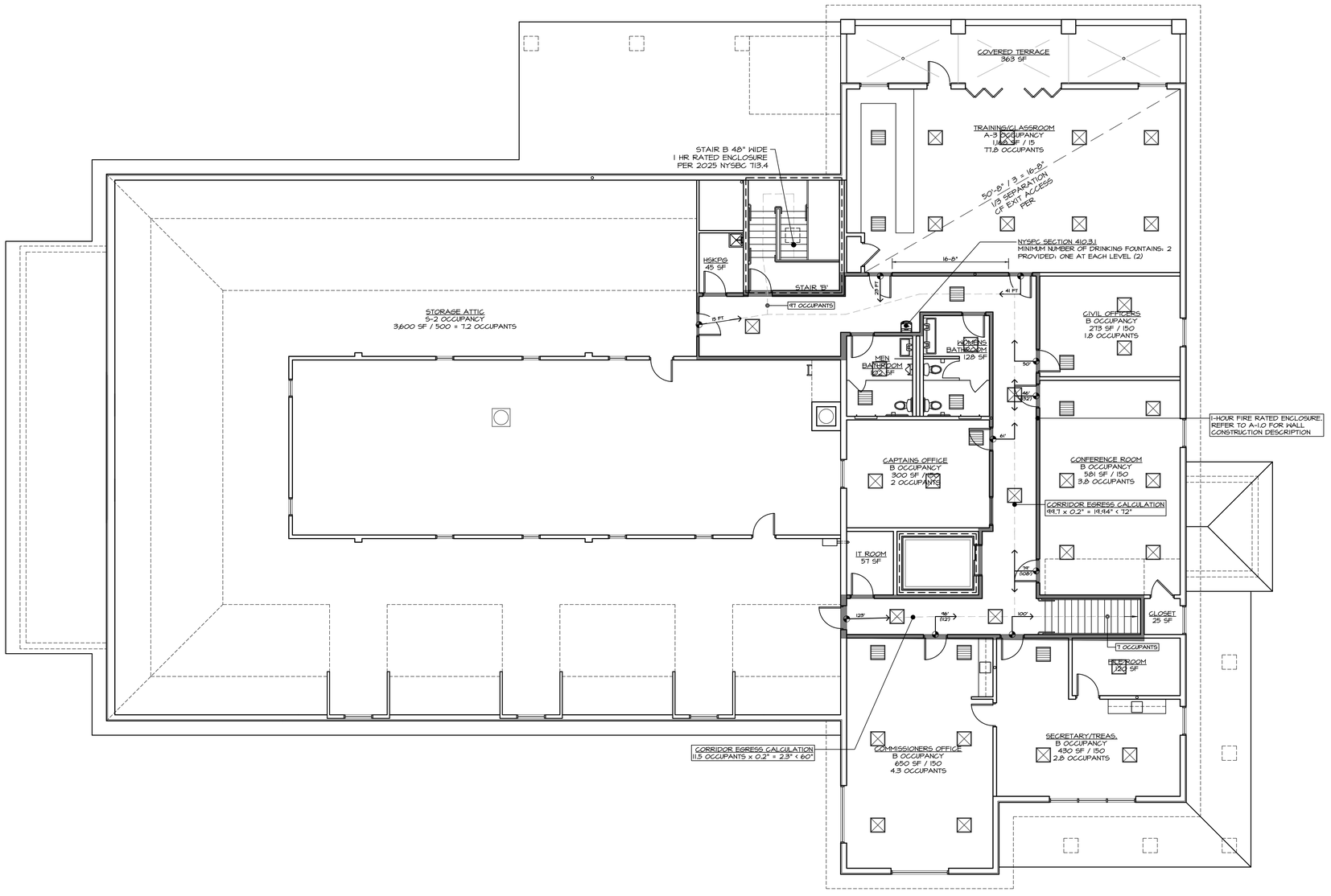
MEZZANINE CODE PLAN

PROJECT No. 2501

CHECKED BY:

DRAWING:

CODE-4



SECOND FLOOR CODE PLAN (10,919 S.F.) (363 SQ.FT. EXTERIOR COVERED AREA)

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

SECOND FLOOR CODE INFORMATION

CODE ITEMS SPECIFIC TO FIRST FLOOR

OCCUPANCY CLASSIFICATION:
A - ASSEMBLY 3
B - BUSINESS
S-2 - LOW HAZARD STORAGE

CONSTRUCTION: TYPE II B
FIRE RATING REQ'D = 0 HR (SEE 508.3.3)

MAXIMUM UNSEPERATED FIRE AREA PER TABLE 506.2
(MOST RESTRICTIVE) = 69,000 S.F

ACTUAL FIRE AREA = 11,585 S.F.
(OCCUPANCY LOADS PER TABLE 1004.5)

STORAGE S-2 = 3,600 / 500 = 7.2

ASSEMBLY 3 = 1,168 / 15 = 77.8

BUSINESS B = 2654 / 150 = 15.63

TOTAL = 100.63 = 100 OCCUPANTS

SECTION 1006.3.3 (TABLE 1006.3.3)
MINIMUM NUMBER OF EXITS PER STORY
171 > 500 = 2 MINIMUM; 2 PROVIDED

SECTION 1017.1 (TABLE 1017.2)
EXIT ACCESS TRAVEL DISTANCE

MOST RESTRICTIVE OCCUPANCY = ASSEMBLY
MAX. ALLOWABLE TRAVEL DISTANCE = 250 FT

ACTUAL MAXIMUM TRAVEL DISTANCE = 123 FT

EGRESS LEGEND

- POINT OF ENTRY TO COMMON EGRESS
- 38 FT (52 FT) — DISTANCE TO PUBLIC WAY (ALT. DIST. TO PUBLIC WAY)
- XX OCCUPANTS — TOTAL UTILIZATION OF EGRESS POINT
- COMMON PATH OF EGRESS
- 1-HOUR FIRE RATED SHAFT
- 1-HOUR FIRE RATED EXIT ENCLOSURE

DATE	ISSUED
03-17-2026	ISSUED FOR GENERAL CONSTRUCTION BID AS SINGLE PRIME CONTRACT INCLUDING ALL TRADES

SEAL



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ARCHITECTS - PLANNERS
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(631) 727-5362

PROPOSED NEW FACILITY
ELLENVILLE FIRE DISTRICT
203 S. MAIN ST. NYS ROUTE 209
ELLENVILLE, NY 12428

SECOND FLOOR CODE PLAN

PROJECT No. 2501

CHECKED BY:

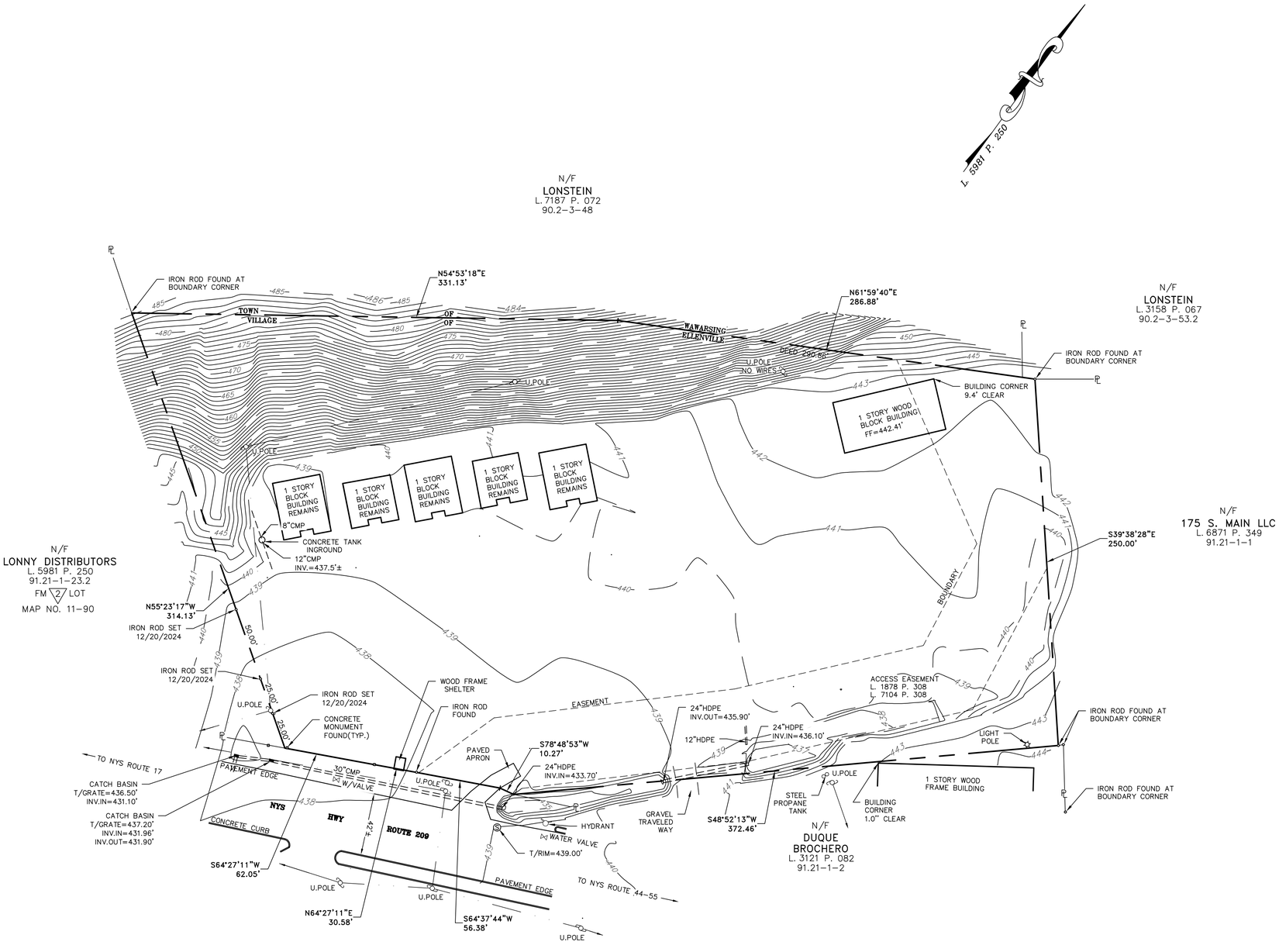
DRAWING:

CODE-5

NOTES:

1. THIS PROPERTY AND SURVEY ARE SUBJECT TO ANY FINDINGS OF A CURRENT TITLE SEARCH.
2. EASEMENTS, UTILITIES OR RIGHT-OF-WAYS ON OR UNDER THESE LANDS AND NOT VISIBLE AT THE TIME OF SURVEY ARE NOT SHOWN.
3. TOPOGRAPHY AS SHOWN IS THE RESULT OF FIELD SURVEY, CONTOUR ELEVATIONS ARE NAVD 88 ESTABLISHED BY GPS READING.
3. REFERENCES:
   MAP ENTITLED "SURVEY/TWO LOT SUBDIVISION PREPARED FOR FU GUANG LI AND LAPMAN LEE, VILLAGE OF ELLENVILLE, ULSTER COUNTY, NEW YORK'" DATED MAY 3, 2011, LAST REVISED MAY 23, 2011, FILED IN THE ULSTER COUNTY CLERK'S OFFICE ON JUNE 30, 2011, AS MAP NO. 11-90. PREPARED BY TIMOTHY M. MCCABE, LS, PC, ELLENVILLE, NEW YORK.

   MAP ENTITLED "SURVEY MAP OF A 7.47 ACRE PARCEL OF LAND TO BE CONVEYED TO 175 MAIN STREET LLC, SITUATE IN THE VILLAGE OF ELLENVILLE, TOWN OF WAWARSING, COUNTY OF ULSTER, STATE OF NEW YORK," DATED MARCH 31, 2021. PREPARED BY ANTHONY F. SICILIANO, LS PC, GRAHAMSVILLE, NEW YORK.



RECORD OWNER:

ELLENVILLE FIRE DISTRICT
7025 ROUTE 52 WEST
GREENFIELD PARK, NEW YORK 12435
91.21-1-21.1, 22.1, 22.2
L. 7314 P. 308

AREA:

TOTAL
3.871±AC.

GRAPHIC SCALE

40 0 20 40 80 160

(IN FEET)
1 inch = 40 ft.

COPYRIGHT 2024, TIMOTHY M. McCABE, L.S., P.C.

UNAUTHORIZED ALTERATION OR ADDITION TO A SURVEY MAP BEARING A PROFESSIONAL LAND SURVEYORS SEAL IS A VIOLATION OF SECTION 7209, SUBDIVISION 2, OF THE NEW YORK STATE EDUCATION LAW.

ONLY COPIES OF THE ORIGINAL OF THIS SURVEY MARKED WITH AN ORIGINAL OF THE LAND SURVEYORS STAMP AND/OR EMBOSSED SEAL SHALL BE CONSIDERED TO BE VALID TRUE COPIES.

CERTIFICATIONS SHALL RUN ONLY TO THE PERSON FOR WHOM THE SURVEY IS PREPARED. CERTIFICATIONS ARE NOT TRANSFERABLE.

CERTIFICATION:

I HEREBY CERTIFY TO THE PARTIES OF INTEREST LISTED BELOW THAT THIS MAP SHOWS THE RESULTS OF AN ACTUAL FIELD SURVEY COMPLETED ON MAY 13, 2023, AND UPDATED ON APRIL 2, 2024.

ELLENVILLE FIRE DISTRICT

BY: _____
TIMOTHY M. McCABE, L.S.
NEW YORK STATE LICENSE NO. 50266

TIMOTHY M. McCABE, L.S., P.C.
1 CLIFFORD ST., P.O. BOX 747, ELLENVILLE, N.Y. 12428 TEL (845) 647-4717

SURVEY
PREPARED FOR

ELLENVILLE FIRE DISTRICT

VILLAGE OF ELLEVILLE
ULSTER COUNTY, NEW YORK

Date:	MAY 22, 2024
Revisions:	JULY 15, 2024 lotconsolidationplan DECEMBER 20, 2024 topo
CAD File:	230190-SVY2.DWG
Layout:	SURVEY
Sheet No.:	1 OF 1
Drawn By:	TMM
Checked By:	
Scale:	1" = 40'
Tax Map No.:	
Drawing No.:	B - 23 - 0190

B-1

(EL. 438.2'±) GROUND SURFACE

1	1	6/11/13/18	14"	DARK BRN. SANDY-SILT, TR. WOOD, ROOTS, GRAVEL, ROCK FRAGMENTS (ML) (FILL)
	2	14/14/12/12	14"	BRN. FINE SANDY - SILT, TR. ROOTS, GRAVEL (ML) (FILL)
5	3	4/4/4/4	20"	LIGHT GRAY-BRN.- FINE SANDY SILT, (ML) (5)
	4	4/8/8/10	22"	GRAY BRN. SILTY - SAND, TR. GRAVEL, ROCK FRAGMENTS (SM) (4)
10	5	9/14/14/11	15"	GRAY BRN. SILTY - SAND, TR. CLAY, GRAVEL, ROCK FRAGMENTS (SM) (4)
	6	10/20/35/26	16"	
	7	10/10/10/16	14"	
15	8	15/18/20/20	16"	
	9	20/14/15/16	18"	
20	10	20/20/20/20	17"	
	11	20/20/20/18	18"	
	12	17/16/16/16	16"	
25	13	20/20/20/20	18"	
	14	20/20/20/21	17"	

FEB. 27, 2026
PERCHED WATER
8'-0"±
12:30 PM

END OF BORING 28'-0"

FEET	NO	SB	REC	CLASSIFICATION

B-2

(EL. 439.8'±) GROUND SURFACE

1	1	11/16/19/35	18"	LIGHT BRN.-BRN.- SILTY SAND, TR. ROOTS, GRAVEL, ROCK FRAGMENTS (SM) (FILL)
	2	30/30/31/31	21"	GRAY-LIGHT BRN.-BRN. - SILTY - SAND, TR. GRAVEL, ROCK FRAGMENTS (SM) (FILL)
5	3	28/20/13/6	20"	LIGHT BRN.-BRN.- SILTY SAND, TR. CLAY, GRAVEL, ROCK FRAGMENTS (SM) (FILL)
	4	5/11/11/12	23"	LIGHT GRAY-BRN. - FINE SANDY SILT, (ML) (5)
10	5	9/9/40/45	19"	GRAY BRN. SILTY - SAND, TR. CLAY, GRAVEL, ROCK FRAGMENTS (SM) (4)
	6	40/34/45/29	18"	
	7	69/81/84/100/2"	13"	

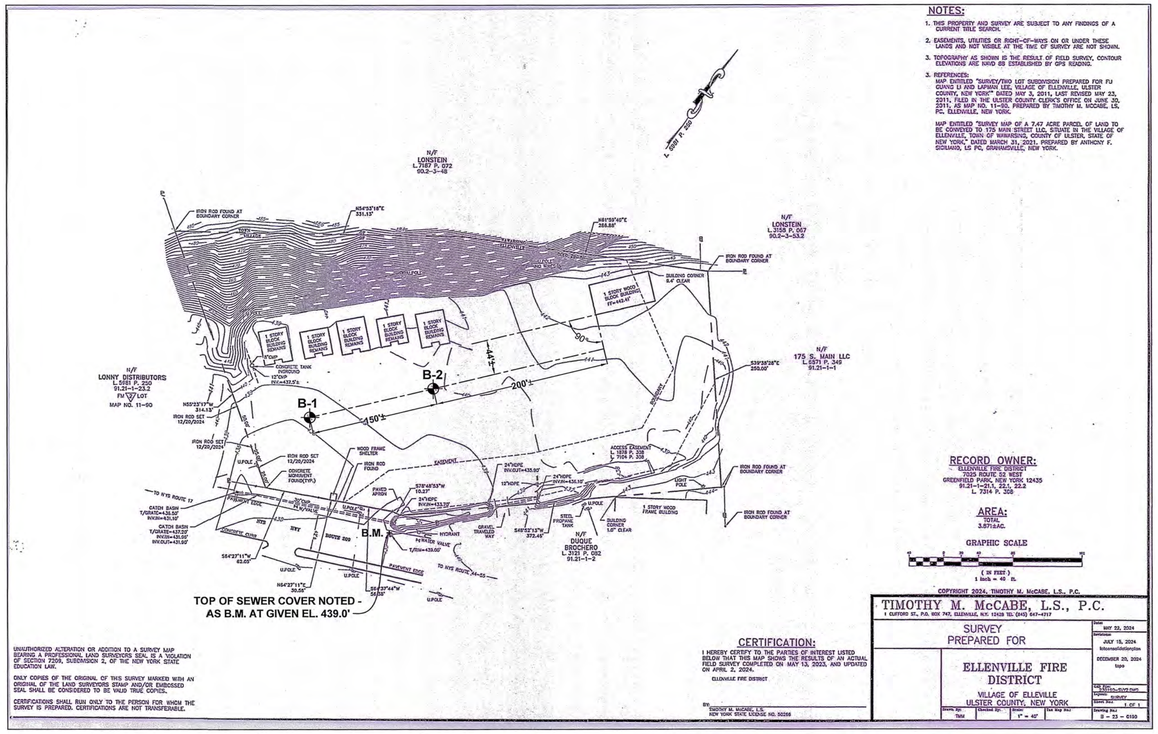
FEB. 27, 2026
PERCHED WATER
4'-0"±
12:06 PM

SPOON REFUSAL 13'-8"

FEET	NO	SB	REC	CLASSIFICATION

NOTES

1. SOIL DESCRIPTIONS ARE BY VISUAL EXAMINATION OF SOIL SAMPLES RECOVERED DURING DRILLING OPERATIONS.
2. SOIL DESCRIPTIONS ARE IN ACCORD WITH THE UNIFIED SOIL CLASSIFICATION SYSTEM.
3. GROUND WATER TABLE WAS MEASURED INSIDE THE DRILL CASING AT THE COMPLETION OF EACH SOIL TEST BORING DRILLED.
4. GROUND WATER TABLE WHERE ENCOUNTERED AT THIS SITE IS PERCHED AND NOT CONSIDERED RELIABLE.
5. SOIL STRATIFICATIONS ARE ACCURATE TO WITHIN TWO FEET VERTICALLY.
6. SOIL SAMPLES FOR BORING B-1 AND B-2 WERE OBTAINED USING A STANDARD 2" O.D. SPLIT SPOON SAMPLER ADVANCED INTO THE SOIL-FORMATION VIA THE USE OF A MOTORIZED TRIPOD MOUNTED ROPE AND CATHEAD 140 lb. HAMMER AND A 30 INCH. DROP.
7. SOIL TEST BORING GROUND SURFACE ELEVATIONS SHOWN WAS REFERENCED TO TOP OF SEWER COVER AT GIVEN B.M. EL. 439.0'.
8. SOIL TEST BORINGS DRILLED IN ACCORD WITH THE NEW YORK STATE BUILDING CODE.



UNIFIED SOIL CLASSIFICATION

SOIL GROUPS	TYPICAL NAMES AND SOIL SYMBOLS
GW	WELL GRADED GRAVELS, GRAVEL SAND MIXTURES, LITTLE OR NO FINES
GP	POORLY GRADED GRAVELS OR GRAVEL SAND MIXTURES. LITTLE OR NO FINES
GM	SILTY GRAVELS, GRAVEL - SAND - SILT MIXTURE
GC	CLAYEY GRAVELS, GRAVEL - SAND - CLAY MIXTURE
SW	WELL GRADED SANDS, GRAVELLY SANDS, LITTLE OR NO FINES
SP	POORLY GRADED SANDS OR GRAVELLY SANDS, LITTLE OR NO FINES
SM	SILTY SANDS, SAND - SILT MIXTURES
SC	CLAYEY SANDS, SAND - CLAY MIXTURES
ML	INORGANIC SILTS, VERY FINE SANDS, CLAYEY SILTS, SLIGHT PLASTICITY
CL	INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, GRAVELLY CLAYS SANDY CLAYS, SILTY CLAYS
OL	ORGANIC SILTS AND ORGANIC SILTY CLAYS OF LOW PLASTICITY
MH	INORGANIC SILTS, MICACEOUS OR DIATOMACEOUS FINE SANDY OR SILTY SOILS, ELASTIC SILTS
CH	INORGANIC CLAYS OF HIGH PLASTICITY, FAT CLAYS
OH	ORGANIC CLAYS OF MEDIUM TO HIGH PLASTICITY, ORGANIC SILTS
Pt	PEAT AND OTHER HIGHLY ORGANIC SOILS

ALLOWABLE FOUNDATION & LATERAL PRESSURES, N.Y.S. BLDG. CODE TABLE 1804.2

CLASS OF MATERIALS	ALLOWABLE FOUNDATION PRESSURE (PSF)[d]	LATERAL BEARING (PSF/F BELOW NATURAL GRADE)[d]	LATERAL SLIDING	
			COEFFICIENT OF FRICTION[a]	RESISTANCE (PSF)[b]
1. CRYSTALLINE BEDROCK	12,000	1,200	0.70	-
2. SEDIMENTARY & FOLIATED ROCK	4,000	400	0.35	-
3. SANDY GRAVEL &/OR GRAVEL (GW & GP)	3,000	200	0.35	-
4. SAND, SILTY SAND, CLAYEY SAND, SILTY GRAVEL, & CLAYEY GRAVEL (SW, SP, SM, SC, GM, &GC)	2,000	150	0.25	-
5. CLAY, SANDY CLAY, SILTY CLAY, CLAYEY SILT, SILT, & SANDY SILT (CL, ML, MH, & CH)	1,500[c]	100	-	130

FOR SI: 1 POUND PER SQUARE FOOT = 0.0479 kPa, 1 POUND PER SQUARE FOOT = 0.157 kPa/m.

a. COEFFICIENT TO BE MULTIPLIED BY THE DEAD LOAD.

b. LATERAL SLIDING RESISTANCE VALUE TO BE MULTIPLIED BY THE CONTACT AREA, AS LIMITED BY SECTION 1804.3.

c. WHERE THE CODE ENFORCEMENT OFFICIAL DETERMINES THAT IN-PLACE SOILS WITH AN ALLOWABLE BEARING CAPACITY OF LESS THAN 1,500 PSF ARE LIKELY TO BE PRESENT AT THE SITE, THE ALLOWABLE BEARING CAPACITY SHALL BE DETERMINED BY A SOILS INVESTIGATION.

d. AN INCREASE OF ONE-THIRD IS PERMITTED WHEN USING THE ALTERNATE LOAD COMBINATIONS IN SECTION 1605.3.2 THAT INCLUDE WIND OR EARTHQUAKE LOADS.

COMPACTION RELATED TO SPOON BLOWS PER FOOT

SAND		SILT & CLAY	
LOOSE	15 OR LESS	SOFT	10 OR LESS
MEDIUM	16 TO 39	MEDIUM	11 TO 29
DENSE	40 OR MORE	HARD	30 OR MORE

" N " STANDARD PENETRATION TEST (2" SPOON, 140lb HAMMER, 30" FALL)

N=17 BLOWS PER FOOT — SPOON BLOW COUNT IS GENERALLY SHOWN IN 6" INCREMENTS FOR 2' DRIVE

TO OBTAIN BLOWS PER FOOT (N) USE THE 2ND & 3RD 6" INCREMENT

	ROTARY CASING	EXTRA HEAVY CASING	SAMPLE SPOON
SIZES, INCHES	2.5		2.0
HAMMER WEIGHT, POUNDS			140
HAMMER FALL, INCHES			30

CB - CASING BLOWSPER 1 FOOT DRIVE
SB - SPOON BLOWS PER 6 INCH DRIVE
P - PUSHED BY WEIGHT OF HAMMER
WOR - WEIGHT OF ROD
UD - UNDISTURBED SOIL SAMPLE
NO - SAMPLE NUMBER
FEET - DEPTH FROM GND. SUR. NOTED AT EACH 5'
WOH - WEIGHT OF HAMMER (INCLUDES ROD)

THE LIABILITY OF SOIL MECHANICS DRILLING CORP., ITS OFFICERS OR EMPLOYEES, FOR ERRORS, OMISSIONS OR NEGLIGENCE RESULTING IN PERSONAL INJURIES, PROPERTY DAMAGE OR ANY CONSEQUENTIAL DAMAGES, IS LIMITED TO THE AMOUNT OF THE FEE PAID FOR THIS REPORT. THE RETENTION OR USE OF ANY PART OF THIS REPORT WILL CONSTITUTE AN ACCEPTANCE OF THIS LIMITED LIABILITY. IF THIS IS UNACCEPTABLE, THE CLIENT MUST NOTIFY SOIL MECHANICS DRILLING CORP. IN WRITING BY CERTIFIED MAIL, WITHIN SEVEN DAYS FROM THE DATE OF RECEIPT. THE FEE CHARGED FOR THIS REPORT IS BASED ON THIS LIMITATION OF LIABILITY WHICH IS THE ESSENCE OF THIS AGREEMENT.IF THE CLIENT WANTS A HIGHER LIMITATION OF LIABILITY, SOIL MECHANICS DRILLING CORP., WILL NEGOTIATE ONE, BASED UPON A HIGHER FEE BEING CHARGED FOR THE ADDITIONAL ASSUMPTION OF LIABILITY. SOIL MECHANICS DRILLING CORP., ITS OFFICERS OR EMPLOYEES, HAVE NO LIABILITY OR RESPONSIBILITY TO PERSONS OTHER THAN THE CLIENT FOR WHOM THIS REPORT WAS PREPARED. ANYONE, OTHER THAN OUR CLIENT, RELIES ON THIS REPORT AT THEIR OWN RISK.

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215 ROANOKE AVENUE
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3770 MERRICK ROAD * SEAFORD, NEW YORK 11783 * 516

SUBSURFACE INVESTIGATION
VILLAGE OF ELLENVILLE FIRE DEPARTMENT
203 SOUTH MAIN STREET AKA U.S. RTE. 209
ULSTER COUNTY, ELLENVILLE, NEW YORK

VERTICAL BORING SCALE:	DRAWING DATE:			DRAWING NUMBER
1/2" = 1'-0" UNLESS NOTED OTHERWISE	MARCH 4, 2026			26R037.2
DATE OF BORINGS: FEBRUARY 27, 2026	DRAWN BY: NAR	CHECKED BY: SHL	REVISED DATE:	SHEET 1 OF 1

STATE OF NEW YORK — STEVEN H. LAWINSKI — 090361 — LICENSED PROFESSIONAL ENGINEER

Z: 26RDWGS/26R037.2

PHASE 1 MAIN PARKING:

1. PROVIDE SILT FENCE WITH SILT SOCK AROUND PERIMITER OF WORK AREA.

2. PROVIDE 6' CHAIN LINK FENCE SECURITY ENCLOSURE AROUND ENTIRE WORK AREA.

3. PROVIDE ROLLING 6'-0A HIGH X 25' WIDE GATE #1 AS CONSTRUCTION ENTRANCE.

4. PROVIDE ROLLING 6'-0A HIGH X 25' WIDE GATE #2 AS SECONDARY ENTRANCE.

5. PROVIDE 25' X 80' (WITH RIGHT TURN) STABILIZED CONSTRUCTION ENTRANCE.

6. PROVIDE 25' X 50' STABILIZED CONSTRUCTION ENTRANCE.

7. LOCATION OF CONSTRUCTION TRAILER WITH SWPPP INSPECTION RECORDS.

8. LOCATION OF TWO (2) PORTABLE LAVATORIES.

9. DRAINAGE AREA (+/- 8,400 SQ. FT.) TO BE EXCAVATED TO ELEVATION 434.5 TO REMOVE ALL FILL MATERIAL FROM AVERAGE ELEVATION 440.5 (AVERAGE 6') = 1,866 CU. YD. PAVED AREAS OF 33,400 SQ. FT. TO BE EXCAVATED TO ELEVATION 436.5 (AVERAGE 3.0') = 3,711 CU. YD.

10. REFER TO DRAINAGE PLAN SP-3 FOR DRAINAGE AND RELATED IMPROVEMENTS TO BE INSTALLED IN THIS AREA. FINISH 2A WEARING COURSE OF PAVEMENT TO BE COMPLETED AFTER ALL PHASES ARE COMPLETED.

11. PROVIDE INLET PROTECTION AT NEW DRAIN.

12. PROVIDE TEMPORARY DRAINAGE SWALE WITH SILT SOCK AT PERIMITER (TWO LOCATIONS).

13. TEMPORARY STOCKPILE LOCATION (REFER TO DETAIL).

14. COORDINATE INSTALLATION WITH PLUMBING CONTRACTOR FOR INSTALLATION OF WATER AND SEWER LINES TO BE INSTALLED DURING THIS PHASE.

15. COORDINATE WITH ELECTRICAL CONTRACTOR FOR SITE LIGHTING CONDUIT AND CONCRETE BASES TO BE INSTALLED DURING THIS PHASE.

16. EXISTING 24A HDPE PIPIE TO BE EXCAVATED AND TRACED BACK ONTO SITE AND MAINTAINED. IF REQUIRED, PIPE SHALL BE REROUTED AROUND NEW DRAINAGE PER UNIT PRICE.

17. EXISTING CONCRETE TANK AND RELATED PIPING TO BE EXCAVATED AND EXPOSED IN EACH DIRECTION AND MAINTAINED.

PHASE 2 BUILDING FOUNDATION:

1. ENTIRE AREA OF BUILDING FOUNDATION (14,000 SQ. FT.) TO BE EXCAVATED TO BOTTOM OF FOOTING ELEVATION 431.5 TO REMOVE ALL FILL MATERIAL FROM AVERAGE ELEVATION 434.0 (AVERAGE 7.5') = 3,884 CU. YD.

2. COORDINATE INSTALLATION OF ALL PLUMBING AND UNDERSLAB ELECTRIC DURING CONSTRUCTION.

PHASE 3 NORTH DRAINAGE:

1. ENTIRE AREA (9,400 SQ. FT.) TO BE EXCAVATED TO ELEVATION 432.0 REMOVE ALL FILL MATERIAL FROM AVERAGE ELEVATION 439.5 (AVERAGE 7.5') = 261 CU. YD.

2. COORDINATE INSTALLATION OF ALL PLUMBING AND UNDERSLAB ELECTRIC DURING CONSTRUCTION.

3. REFER TO DRAINAGE PLAN SP-3 FOR DRAINAGE AND RELATED IMPROVEMENTS TO BE INSTALLED IN THIS AREA. FINISH 2A WEARING COURSE OF PAVEMENT TO BE COMPLETED AFTER ALL PHASES ARE COMPLETED.

PHASE 4 FRONT DRAINAGE AND APRON IMPROVEMENTS:

1. ENTIRE AREA (3,750 SQ. FT.) TO BE EXCAVATED TO ELEVATION 432.0 TO REMOVE ALL FILL MATERIAL FROM AVERAGE ELEVATION 438.0 (AVERAGE 6.0') = 3,055 CU. YD.

2. COORDINATE INSTALLATION OF ALL PLUMBING AND ELECTRIC UNDERGROUND UTILITIES DURING CONSTRUCTION.

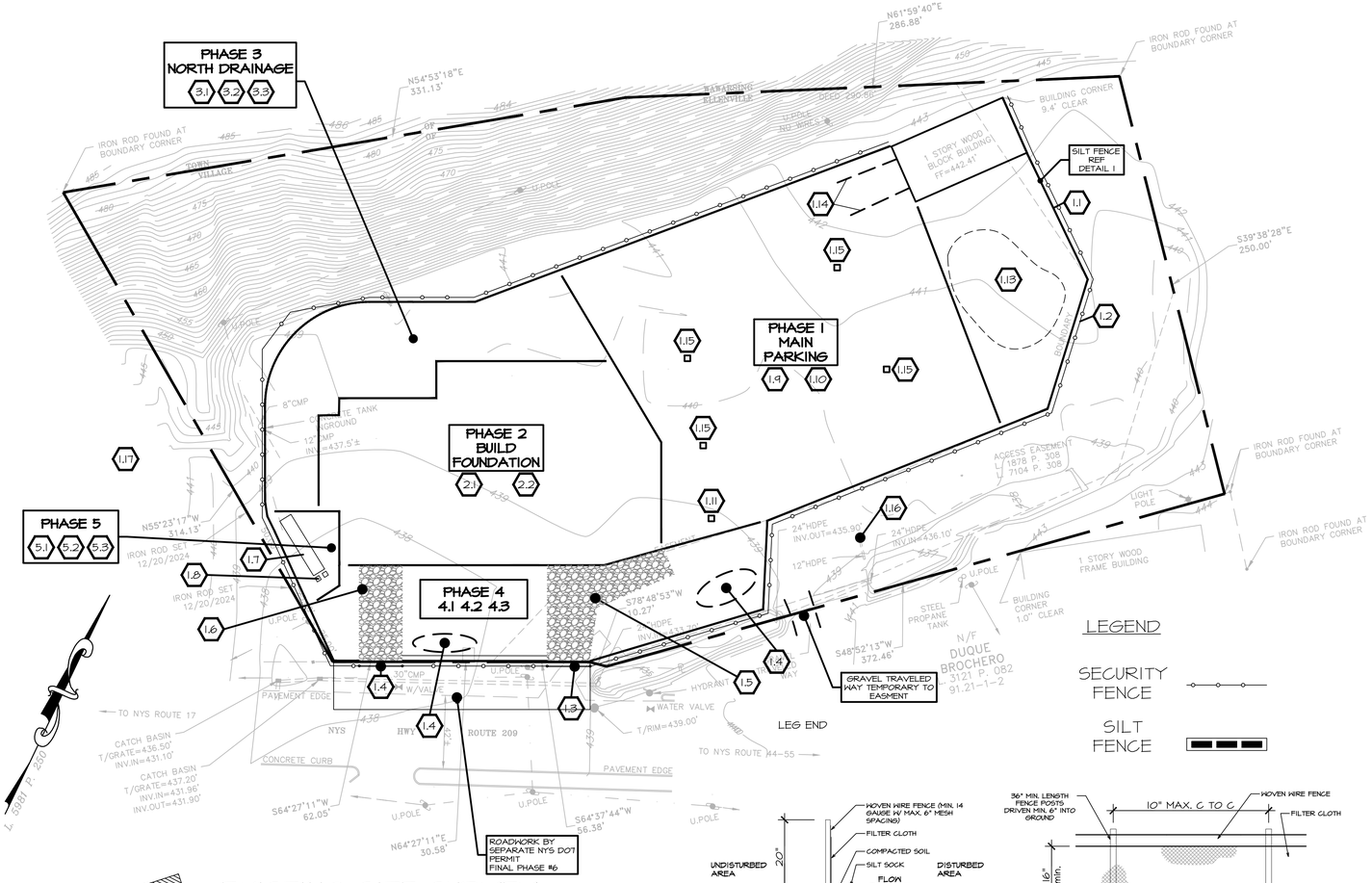
3. REFER TO DRAINAGE PLAN SP-3 FOR DRAINAGE AND RELATED IMPROVEMENTS. APRON INSTALLATION TO BE FIELD COORDINATED.

PHASE 5 TRAILER AND FIELD OFFICE AREA:

1. ENTIRE AREA 3,000 SQ. FT.) TO BE EXCAVATED TO ELEVATION 432.0 TO REMOVE ALL FILL MATERIAL FROM AVERAGE ELEVATION 438.0 (AVERAGE 6.0') = 667 CU. YD.

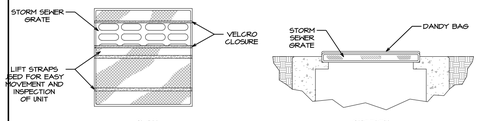
2. COORDINATE INSTALLATION OF ALL PLUMBING AND ELECTRIC UNDERGROUND UTILITIES DURING CONSTRUCTION.

3. REFER TO DRAINAGE PLAN SP-3 FOR DRAINAGE AND RELATED IMPROVEMENTS.



EXISTING SITE SURVEY

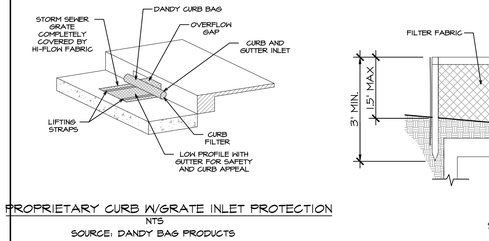
SCALE: 1" = 40'-0"



PROPRIETARY FLUSH INLET PROTECTION

NTS

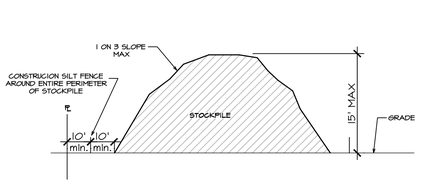
SOURCE: DANDY BAG PRODUCTS



PROPRIETARY CURB W/GRATE INLET PROTECTION

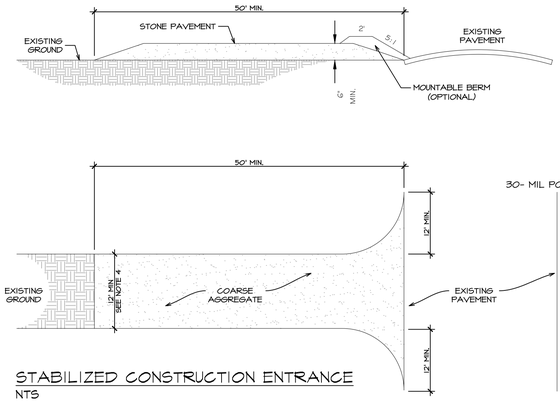
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SOURCE: DANDY BAG PRODUCTS



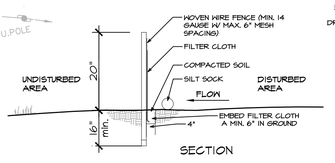
TEMPORARY STOCKPILE

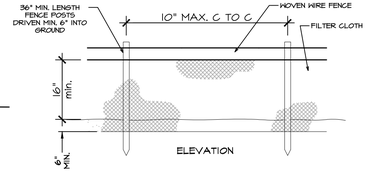
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STABILIZED CONSTRUCTION ENTRANCE

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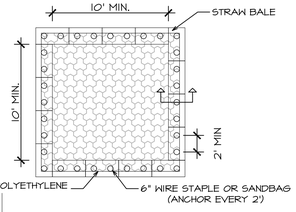




SILT FENCE

NTS

SOURCE: NY STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL



LEGEND

SECURITY FENCE

SILT FENCE

SITE DESCRIPTION

THE PROJECT CONSTRUCTION ACTIVITY INCLUDES THE CLEARING, GRADING, STABILIZATION, CONSTRUCTION AND DEVELOPMENT OF AN FIRE HOUSE FACILITY SITE PLAN, UTILIZING A PORTION OF THE PROPERTY, ALONG WITH THE ASSOCIATED STORM DRAINAGE COLLECTION SYSTEM AND PUBLIC UTILITIES REQUIRED FOR SUSTAINABILITY. ALL IMPROVEMENTS TO CONFORM WITH STATE, COUNTY AND LOCAL STANDARDS AND SPECIFICATIONS.

GENERAL POLLUTION CONTROL MEASURES

IN ACCORDANCE WITH THE PROVISIONS OF THE NYSDEC GENERAL STORM WATER PERMIT, STORM WATER MANAGEMENT AND EROSION AND SEDIMENT CONTROL MEASURES INCLUDING BUT NOT LIMITED TO, THE FOLLOWING SHALL BE EMPLOYED DURING CONSTRUCTION.

1. EXISTING VEGETATION TO REMAIN SHALL BE PROTECTED (BY INSTALLATION OF CONSTRUCTION OF CONSTRUCTION FENCE OR OTHER APPROVED MEANS) AND SHALL REMAIN UNDISTURBED.

2. CLEARING AND GRADING SHALL BE SCHEDULED SO AS TO MINIMIZE THE EXTENT OF EXPOSED, GRADED AND STRIPPED. AREAS TO SHALL BE KEPT STABILIZED THROUGH THE USE OF TEMPORARY SEEDING AS REQUIRED. SEED MIXTURES SHALL BE IN ACCORDANCE WITH SOIL CONSERVATION SERVICE RECOMMENDATIONS. IN AREAS WHERE SOIL DISTURBANCE IS HAS TEMPORARY OR PERMANENTLY CEASED, TEMPORARY AND/OR IMPLEMENTED SOIL STABILIZATION WITHIN SEVEN DAYS.

3. THE LENGTH AND STEEPING OF CLEARED SLOPES SHALL BE MINIMIZED TO REDUCE THE RUNOFF VELOCITIES. RUNOFF SHALL BE DIVERTED AWAY FROM THE CLEARED SLOPES.

4. SEDIMENT SHALL BE TRAPPED ON THE SITE AND NOT PERMITTED TO ENTER ADJACENT PROPERTIES OR PUBLIC ROADS OR DRAINAGE SYSTEMS. SEDIMENT BARRIERS SHALL BE INSTALLED ALONG THE LIMITS DISTURBANCE PRIOR TO THE START OF CONSTRUCTION AND SHALL BE MAINTAINED UNTIL THE SITE HAS BEEN PERMANENTLY STABILIZED.

5. A STABILIZED CONSTRUCTION ENTRANCE SHALL BE MAINTAINED TO PREVENT SOIL AND LOOSE DEBRIS FROM BEING TRACKED ONTO LOCAL ROADS. THE CONSTRUCTION ENTRANCE SHALL BE MAINTAINED UNTIL THE SITE HAS BEEN PERMANENTLY STABILIZED.

6. ALL RUNOFF SHALL BE RETAINED ON-SITE IN ACCORDANCE WITH REGULATIONS AND APPROVALS. DRAINAGE INLETS INSTALLED ON-SITE SHALL BE PROTECTED FROM SEDIMENT BUILDUP THROUGH THE USE OF APPROPRIATE INLET PROTECTION.

7. THE FOLLOWING MEANS SHALL BE USED TO CONTROL DUST DURING CONSTRUCTION. A. WATER-DOWN ACCESS WAYS, STOCKPILES, AND MATERIAL PRIOR TO LOADING. B. LIMIT ON-SITE VEHICULAR SPEEDS TO 5 MPH; C. PROPERLY COVER TUCKS CARTING LOOSE MATERIAL AND CONSTRUCTION DEBRIS.

8. SEDIMENT BARRIERS AND OTHER EROSION CONTROL MEASURES SHALL REMAIN IN PLACE UNTIL UPLAND DISTURBED AREAS ARE PERMANENTLY STABILIZED. FOLLOWING PERMANENT STABILIZATION, PAVED AREAS SHALL BE CLEANED OF SOIL AND DEBRIS AND DRAINAGE SYSTEMS SHALL BE CLEANED AND FLUSHED AS NECESSARY.

9. PROPER MAINTENANCE OF EROSION CONTROL MEASURES IS TO BE PREFORMED AS INDICATED BY PERIODIC INSPECTION AND AFTER HEAVY OR PROLONGED STORMS. MAINTENANCE MEASURES ARE TO INCLUDE, BUT ARE NOT LIMITED TO, CLEANING OF RECHARGE BASINS, SEDIMENT TRAPS AND DRYWELLS, CLEANING AND REPAIR OF SEDIMENT BARRIERS, REPAIR OF BERMS AND RUNOFF DIVERTERS, AND CLEANING AND REPAIR OF INLET PROTECTION DEVICES.

10. DURING CONSTRUCTION, THE CONTRACTOR SHALL COMPLY WITH ALL LOCAL REGULATIONS CONCERNING THE DISPOSAL OF SOLID WASTE AND DEBRIS AND TOXIC AND HAZARDOUS WASTE, AS WELL AS SANITARY SEWER AND SEPTIC SYSTEM REGULATIONS.

11. CONCRETE WASH-OUT OF READY-MIX TRUCKS IS NOT ENCOURAGED AT THIS SITE. IF WASH-OUT MUST TAKE PLACE, THE PRACTICE SHALL UTILIZE THE DESIGNATED WASH-OUT FACILITY PROVIDED.

1. MAINTAINING TEMPORARY CONCRETE WASHOUT FACILITIES SHALL INCLUDE REMOVING AND HARDENED CONCRETE AND/OR SLURRY AND RETURNING THE FACILITIES TO A FUNCTIONAL CONDITION.

2. FACILITY SHALL BE CLEANED OR RECONSTRUCTED IN A NEW AREA ONCE WASHOUT AREA BECOMES TWO-THIRD FULL.

12. UNLESS OTHERWISE DIRECTED BY THE OWNER, THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING THE NECESSARY RECORDS OF THE CONSTRUCTION ACTIVITIES, PREPARATION OF INSPECTION REPORTS, AND REPORTING RELEASE OF POLLUTANTS TO THE PROPER AUTHORITIES AS NECESSARY TO COMPLY WITH THE NYSDEC GENERAL STORMWATER PERMIT. THE CONTRACTOR SHALL REPORT ANY REQUIRED MODIFICATIONS TO THE SWPPP NECESSITATED BY FIELD CONDITIONS OR CONSTRUCTION ACTIVITIES TO THE ENGINEER FOR REVISION OF THE SWPPP WHERE APPROPRIATE.

CONST. ENT. NOTES NOTES

1. STONE SIZE- USE 2" STONE, OR A RECYCLED CONCRETE EQUIVALENT.
2. LENGTH- NOT LESS THAN 50 FEET (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLY).
3. THICKNESS- NOT LESS THAN 6".
4. WIDTH- 12' MINIMUM BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE EGRESS OR EGRESS OCCURS.
5. FILTER CLOTH- WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING STONE.
6. SURFACE WATER- ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCES. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
7. MAUNTENANCE- THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAY. ALL SEDIMENT SPILLED DROPPED OR TRACKED ONTO PUBLIC RIGHT-OF-WAY MUST BE REMOVED IMMEDIATELY.
8.PERIODIC INSPECTION AND MAINTENANCE SHALL BE REMOVED EVERY (1) CALENDAR DAYS.

STOCKPILE NOTES

1. PROTECTION OF STOCKPILES IS A YEAR-ROUND REQUIREMENT.
2. STOCKPILES SHALL BE LOCATED A MINIMUM OF 50FT . FROM CONCENTRATED STORMWATER FLOWS, AND INLETS
3. WIND EROSION CONTROL PRACTICES SHALL BE ON ALL STOCKPILES AS APPROPRIATE.
4. REPAIR AND/OR REPLACE PERIMETER CONTROLS AS NEEDED, OR AS DIRECTED BY ENGINEER.
5. SEDIMENTS SHALL BE REMOVED WHEN SEDIMENTS ACCUMULATIONS REACHES ONE-THIRD (⅓) OF THE BARRIER HEIGHT.

INLET NOTES

1. FILTER FABRIC SHALL HAVE AN EOS OF 40-85. BURLAP MAY BE USED FOR SHORT TERM APPLICATIONS.
2. CUT FABRIC FROM A CONTINUOUS ROLL TO ELIMINATE JOINTS. IF JOINTS ARE NEEDED THEY HILL NEED TO BE OVERLAPPED TO THE NEXT STAKE.
3. STAKE MATERIALS WILL BE 2" X 4" HOOD OR EQUIVALENT, METAL WITH A MINIMUM LENGTH OF 3 FT.
4. SPACE STAKES EVENLY AROUND INLET 3 FT APART AND DRIVE A MINIMUM 18 INCHES DEEP. BRIDGED WITH THE USE OF WIRE MESH BEHIND THE FILTER FABRIC FOR SUPPORT.
5. FABRIC SHALL BE EMBEDDED 1 FOOT MINIMUM BELOW GROUND AND BACKFILLED.IT SHALL BE SECURELY FASTENED TO THE STAKES AND FRAME.
6. A 2"X 4" HOOD FRAME BE COMPLETED AROUND THE CREST.
7. USE PROPRIETY INLET PROTECTION FOR INLETS IN PAVED AREAS.

GENERAL NOTES:

1. PROPERTY AREA = 3.811 ACRES
2. TOTAL SITE DISTURBANCE APPROX. 2.25 ACRES
3. THE BASE INFORMATION FOR THIS MAP WAS PROVIDED BY THE SURVEYOR
4. CONSTRUCTION ENTRANCES TO BE UTILIZED AT ANY LOCATIONS WHERE CONSTRUCTION VEHICLES WILL REGULARLY ENTER THE PROPERTY
5. SILT FENCING TO BE INSTALLED AT THE LOCATIONS INDICATED ON THE PLAN PRIOR TO ANY GROUND DISTURBANCE, IN THEIR RESPECTIVE PHASE AREAS OF CONSTRUCTION AND NOT REMOVE UNTIL DIRECTED BY THE QUALIFIED INSPECTOR.
6. DATUM - ASSUMED TO BE NAVD (MSL 1988)

SILT BARRIER SPECIFICATIONS

1. WOVEN WIRE FENCE TO BE FASTEN SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES. POST SHALL BE STEEL, EITHER "T" OR "U" TYPE, OR HARDWOOD.
2. FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WERE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION. FENCE SHALL BE WOVEN WIRE, 6" MAXIMUM MESH OPENING.
3. WHEN TWO (2) SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER, THEY SHALL BE OVERLAPPED BY 6" AND FOLDED. FILTER CLOTH SHALL BE EITHER FILTER X, MIRAFI, 100X, STABILINKA T140N, OR APPROVED EQUAL.
4. PREFABRICATED UNITS SHALL BE GEOFAB, ENVIROFENCE, OR EQUAL APPROVED.
5. MAINTENANCE SHALL BE PREFORMED AS NEEDED AND MATERIAL WHEN BULGES DEVELOP IN THE SILT FENCE.
6. HAY BALES MAY BE USED IN LIEU OF WIRE BACKING FOR STABILITY.

DATE	ISSUED
03-17-2026	ISSUED FOR GENERAL CONSTRUCTION BID AS SINGLE PRIME CONTRACT INCLUDING ALL TRADES

SEAL



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(631) 727-5362

PROPOSED NEW FACILITY
ELLENVILLE FIRE DISTRICT
293 S. MAIN ST. NYS ROUTE 209
ELLENVILLE, NY 12428

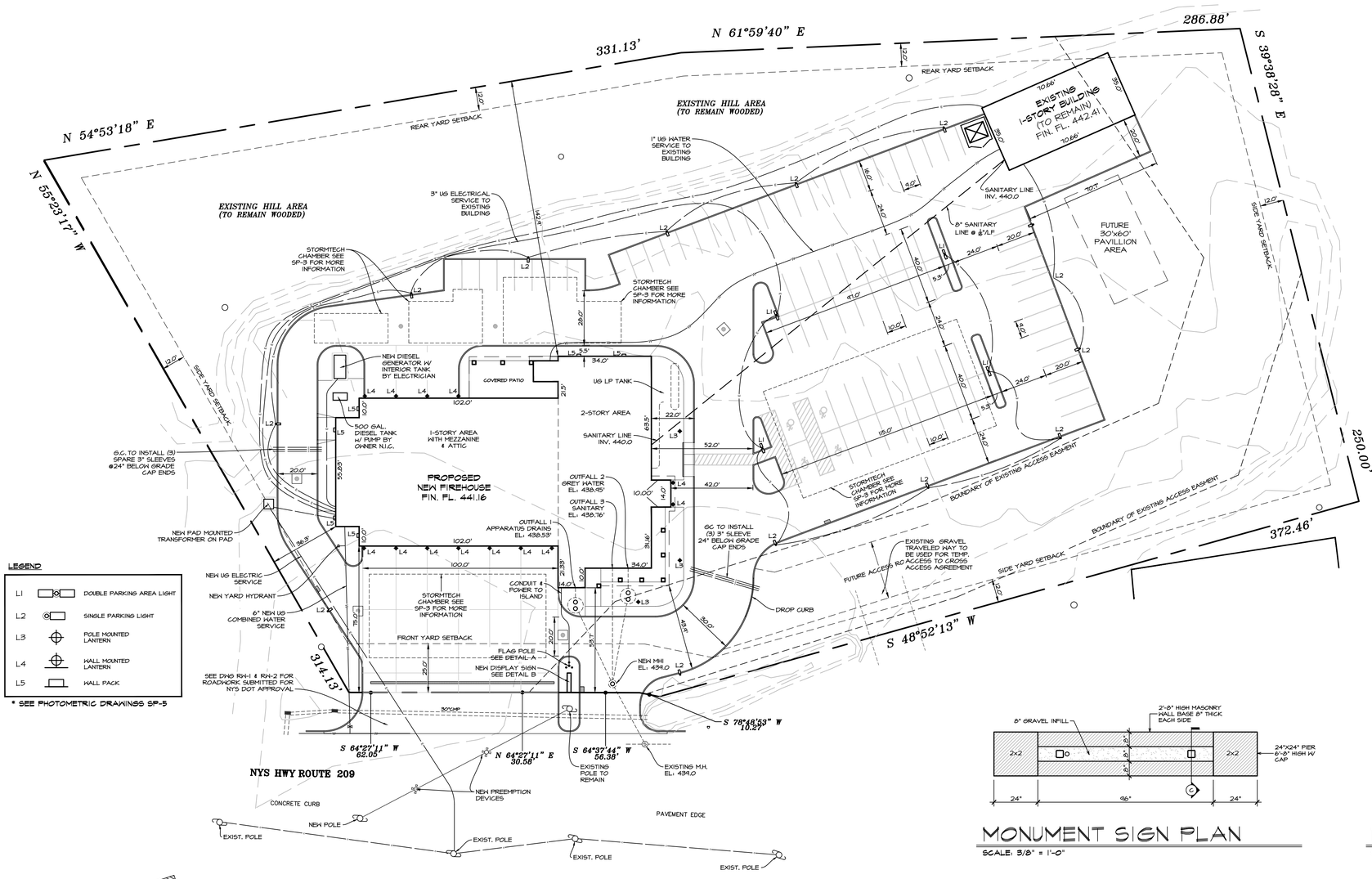
SITE STAGING & SWPPP

PROJECT No. 2501

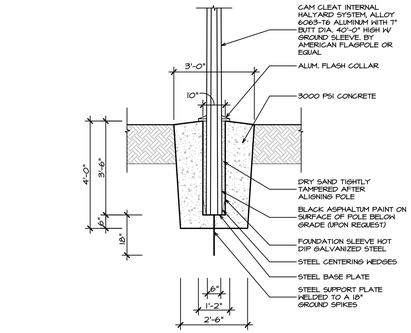
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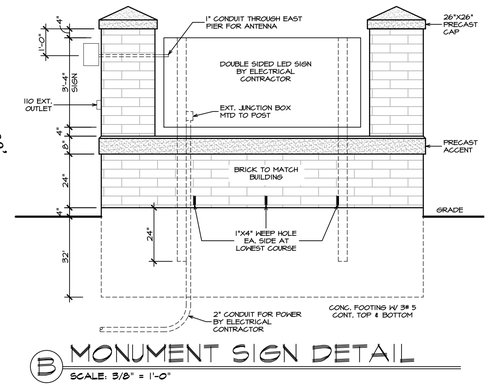
ECS-1



SITE DEVELOPMENT & UTILITY PLAN
SCALE: 1" = 30'-0"

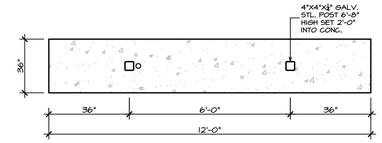


A FLAG POLE DETAIL
SCALE: 3/8" = 1'-0"

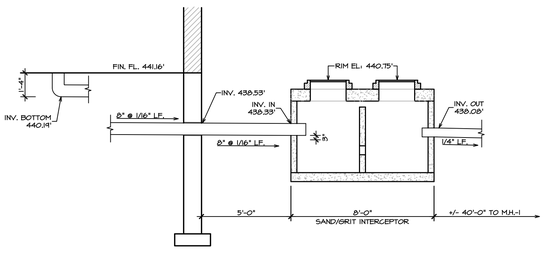


B MONUMENT SIGN DETAIL
SCALE: 3/8" = 1'-0"

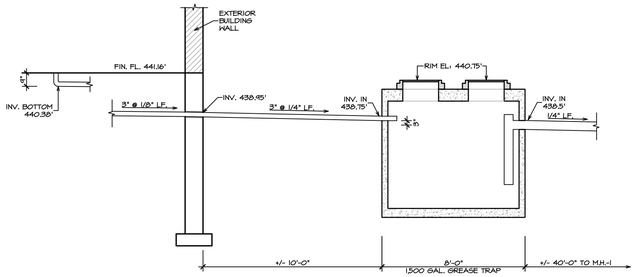
MONUMENT SIGN PLAN
SCALE: 3/8" = 1'-0"



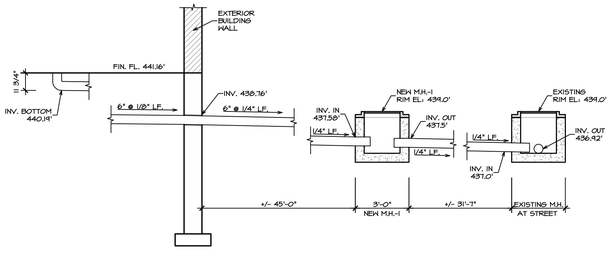
MONUMENT SIGN FOUNDATION
SCALE: 3/8" = 1'-0"



OUTFALL 1 APPARATUS DRAINS
SCALE: 1/4" = 1'-0"



OUTFALL 2 GREY WATER
SCALE: 1/4" = 1'-0"



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

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PROPOSED NEW FACILITY
ELLENVILLE FIRE DISTRICT
203 S. MAIN ST. NYS ROUTE 209
ELLENVILLE, NY 12428

SITE DEVELOPMENT UTILITY PLAN & SANITARY CONNECTION DETAILS

PROJECT No. 2501

CHECKED BY:

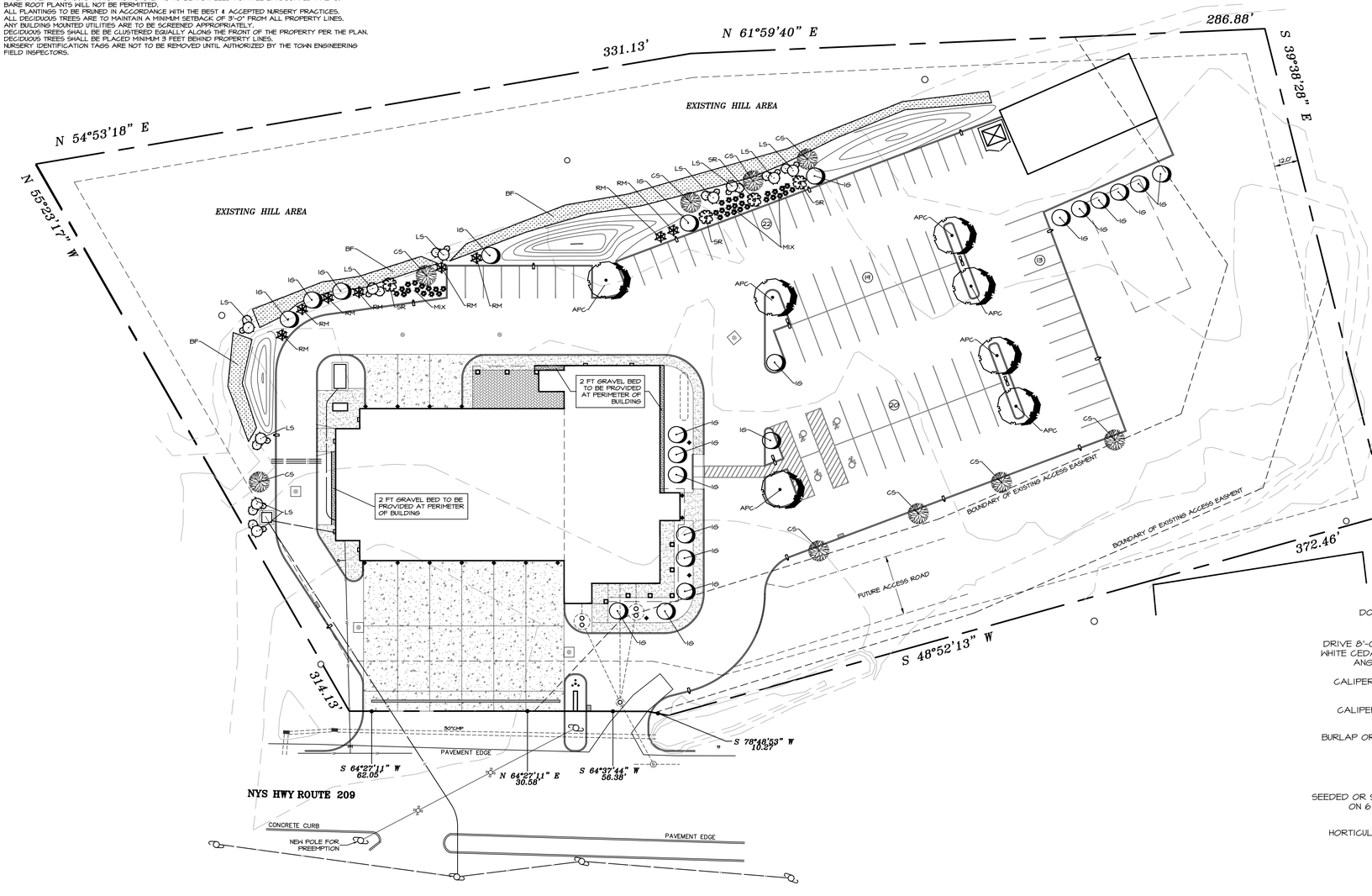
DRAWING:

SP-1

LANDSCAPING TABLE

SYMBOL	KEY	BOTANICAL NAME	COMMON NAME	TYPE	COUNT	PLANTING DIA.	SPACING	MAT. HEIGHT	SPREAD DIA.
	APC	ACER PLATANOIDES	CRIMSON KING MAPLE	DECIDUOUS TREE	7	25 GAL.	30 FT	40 FT	35 FT
	CS	AMELANCHIER CANADENSIS	CANADIAN SERVICEBERRY	DECIDUOUS TREE/SHRUB	9	25 GAL.	15 FT	25-30 FT	15-20 FT
	RM	RHODODENDRON MAXIMUM	GREAT LAUREL	SHRUB	8	10 GAL.	6 FT	5-15 FT	5-12 FT
	SR	ROSA PALUSTRIS	SWAMP ROSE	SHRUB	4	10 GAL.	6 FT	3-6 FT	7 FT
	IG	ILEX GLABRA	INKBERRY HOLLY	EVERGREEN SHRUB	24	7 GAL.	4 FT	5-8 FT	8 FT
	LS	LOBELIA SIPHILITICA	GREAT BLUE LOBELIA	GROUND COVER	30	5 GAL.	1 FT	2-3 FT	1-2 FT
	MIX	CLETHRA ALNIFOLIA CANNINGHAM WHITE RHODODENDRON RED SPRITE WINTERBERRY HUMMINGBIRD SUMMERSWEET		SHRUB MIX	37	5 GAL.	4 FT	1 FT	3 FT
	IG	PTERIDIUM AQUILNUM	BRACKEN FERN	GROUND COVER	AS REQ'D	5 GAL.	5 FT	3-4 FT	4-5 FT

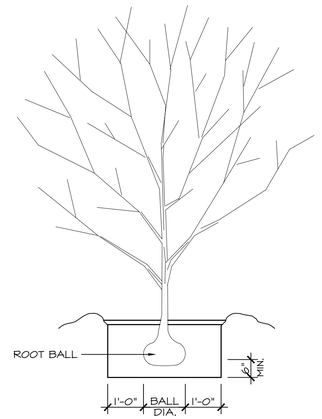
LANDSCAPING NOTES:
1. A PERMANENT IN-GROUND IRRIGATION SYSTEM IS TO BE INSTALLED FOR ALL LANDSCAPED AREAS.
2. BARE ROOT PLANTS WILL NOT BE PERMITTED.
3. ALL PLANTINGS TO BE PRUNED IN ACCORDANCE WITH THE BEST & ACCEPTED NURSERY PRACTICES.
4. ALL DECIDUOUS TREES ARE TO MAINTAIN A MINIMUM SETBACK OF 3'-0" FROM ALL PROPERTY LINES.
5. ANY BUILDING MOUNTED UTILITIES ARE TO BE SCREENED APPROPRIATELY.
6. DECIDUOUS TREES SHALL BE BE CLUSTERED EQUALLY ALONG THE FRONT OF THE PROPERTY PER THE PLAN.
7. DECIDUOUS TREES SHALL BE PLACED MINIMUM 3 FEET BEHIND PROPERTY LINES.
8. NURSERY IDENTIFICATION TAGS ARE NOT TO BE REMOVED UNTIL AUTHORIZED BY THE TOWN ENGINEERING FIELD INSPECTORS.



LANDSCAPING PLAN

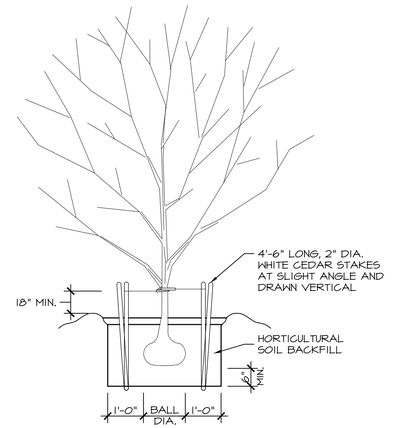
SCALE: 1" = 30'-0"

1. FOR EXTERIOR BUILDING CONCRETE LAY-OUT, CURB AND TRENCH DRAIN DETAILS SEE DRAWINGS SP-4.1 & SP-4.2
2. FOR SITE DETAILS, SUCH AS PARKING STRIPPING LAY-OUT, CONCRETE RAMP, SIGNAGE, AND DUMPSTER ENCLOSURE PLAN AND SECTION SEE DRAWING SP-4.3



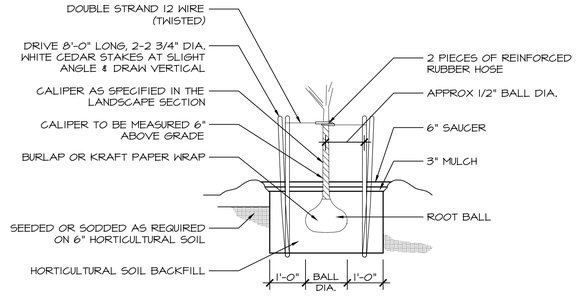
PLANTING BED

SCALE: N.T.S



MINOR TREE

SCALE: N.T.S



MAJOR TREE

SCALE: N.T.S

PLANTING DETAILS

1. BARE ROOT PLANTS WILL NOT BE PERMITTED
2. ALL PLANTINGS TO BE PRUNED IN ACCORDANCE WITH THE BEST & ACCEPTED NURSERY PRACTICES

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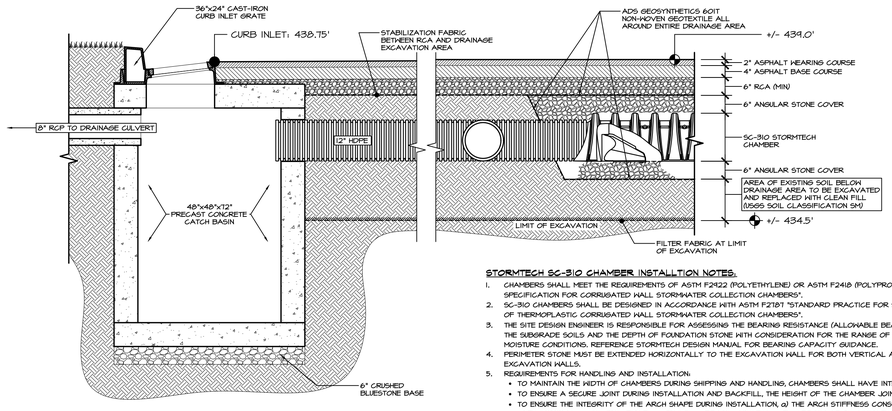
SITE LANDSCAPING PLAN

PROJECT No. 2501

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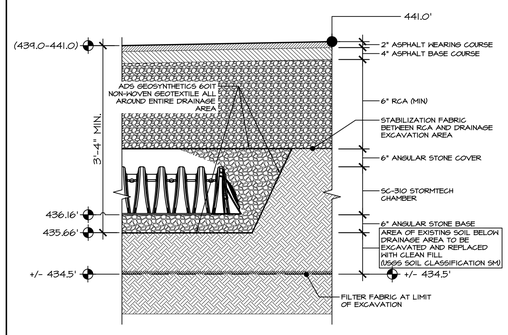
DRAWING:

SP-2



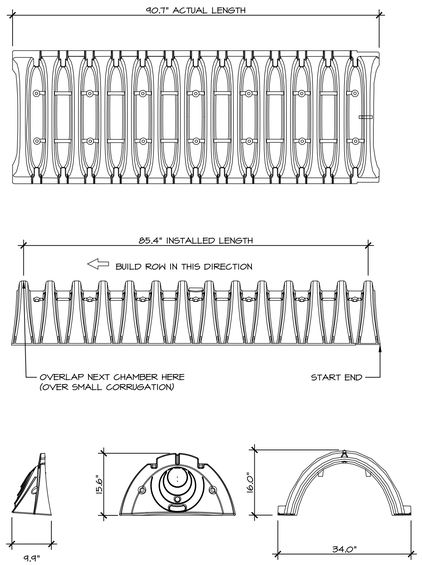
DRAINAGE AREA "B" DETAIL @ C. BASIN

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



DRAINAGE AREA "B" END TRENCH DETAIL

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

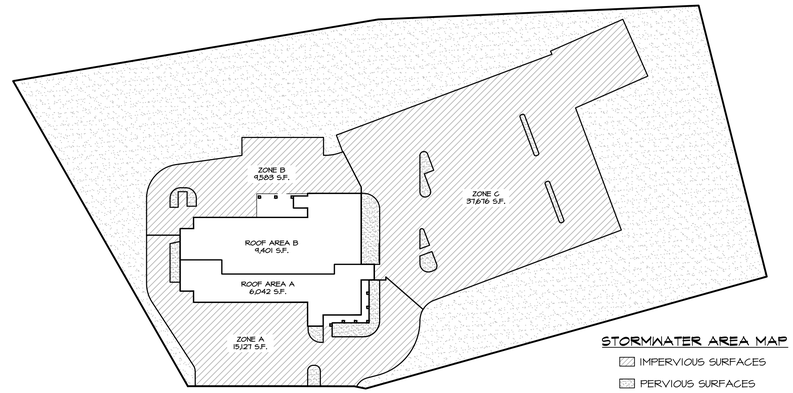


STORMTECH CHAMBER DETAILS

SCALE:NTS

STORMTECH SC-310 CHAMBER INSTALLTION NOTES:

1. CHAMBERS SHALL MEET THE REQUIREMENTS OF ASTM F2922 (POLYETHYLENE) OR ASTM F2418 (POLYPROPYLENE), "STANDARD SPECIFICATION FOR CORRUGATED HALL STORMWATER COLLECTION CHAMBERS".
2. SC-310 CHAMBERS SHALL BE DESIGNED IN ACCORDANCE WITH ASTM F2787 "STANDARD PRACTICE FOR STRUCTURAL DESIGN OF THERMOPLASTIC CORRUGATED HALL STORMWATER COLLECTION CHAMBERS".
3. THE SITE DESIGN ENGINEER IS RESPONSIBLE FOR ASSESSING THE BEARING RESISTANCE (ALLOWABLE BEARING CAPACITY) OF THE SUBGRADE SOILS AND THE DEPTH OF FOUNDATION STONE WITH CONSIDERATION FOR THE RANGE OF EXPECTED SOIL MOISTURE CONDITIONS. REFERENCE STORMTECH DESIGN MANUAL FOR BEARING CAPACITY GUIDANCE.
4. PERIMETER STONE MUST BE EXTENDED HORIZONTALLY TO THE EXCAVATION HALL FOR BOTH VERTICAL AND SLOPED EXCAVATION HALLS.
5. REQUIREMENTS FOR HANDLING AND INSTALLATION:
   - TO MAINTAIN THE WIDTH OF CHAMBERS DURING SHIPPING AND HANDLING, CHAMBERS SHALL HAVE INTEGRAL, INTERLOCKING STACKING LUGS.
   - TO ENSURE A SECURE JOINT DURING INSTALLATION AND BACKFILL, THE HEIGHT OF THE CHAMBER JOINT SHALL NOT BE LESS THAN 2" (50 mm).
   - TO ENSURE THE INTEGRITY OF THE ARCH SHAPE DURING INSTALLATION, a) THE ARCH STIFFNESS CONSTANT AS DEFINED IN SECTION 6.2.9 OF ASTM F2922 SHALL BE GREATER THAN OR EQUAL TO 325 LBS/FT/% AND b) TO RESIST CHAMBER DEFORMATION DURING INSTALLATION AT ELEVATED TEMPERATURES (ABOVE 73° F / 23° C), CHAMBERS SHALL BE PRODUCED FROM REFLECTIVE GOLD OR YELLOW COLORS.



STORMWATER AREA MAP

IMPERVIOUS SURFACES

PERVIOUS SURFACES

STORMWATER DRAINAGE CALCULATIONS

STORM WATER AREA "A"

IMPERVIOUS AREA:
15,127 SF x 2,736/12 x 100/100 = 3,448.86 CF

ROOF AREA:
6,042 SF x 2,736/12 x 100/100 = 1,377.58 CF

PERVIOUS AREA:
1,534 SF x 2,736/12 x 20/100 = 70.71 CF
TOTAL= 4,846.71 CF

USE STORMTECH SC-310 CHAMBERS @ 31.0 CF/UNIT

4,846.71 CF / 31 CF = 157.4 CHAMBERS REQ'D

USE (158) STORMTECH SC-310 CHAMBERS x 31.0 CF = 5,208 CF

STORM WATER AREA B

IMPERVIOUS AREA:
9,583 SF x 2,736/12 x 100/100 = 2,184.92 CF

ROOF AREA:
9,401 SF x 2,736/12 x 100/100 = 2,143.43 CF

PERVIOUS AREA:
252 SF x 2,736/12 x 20/100 = 11.49 CF
TOTAL= 4,339.84 CF

USE STORMTECH SC-310 CHAMBERS @ 31.0 CF/UNIT

4,339.84 CF / 31 CF = 139.9 CHAMBERS REQ'D

USE (140) STORMTECH SC-310 CHAMBERS x 31.0 CF = 4,340 CF

STORM WATER AREA C

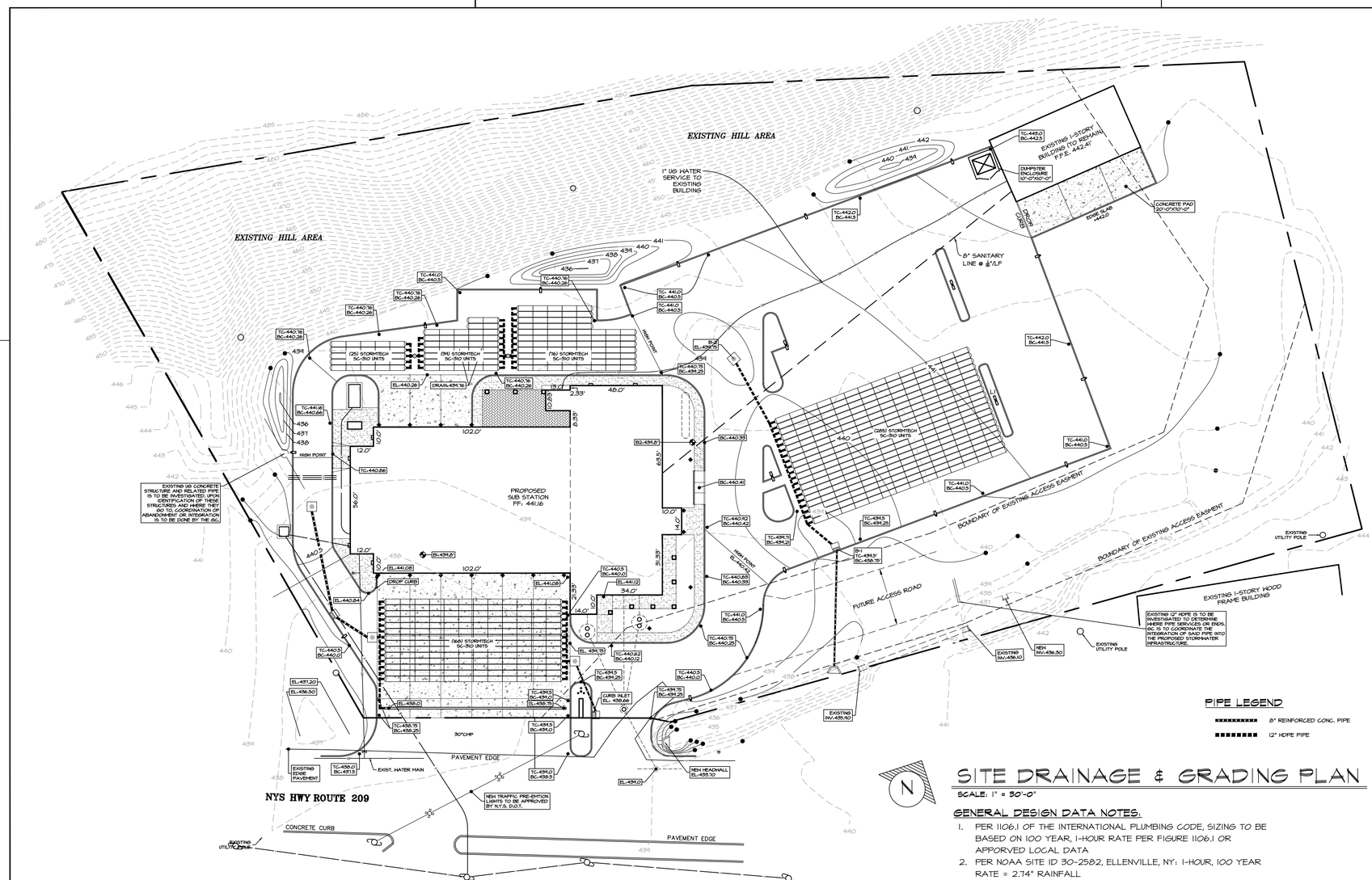
IMPERVIOUS AREA:
31,676 SF x 2,736/12 x 100/100 = 8,540.13 CF

PERVIOUS AREA:
1,502 SF x 2,736/12 x 20/100 = 86.64 CF
TOTAL= 8,676.71 CF

USE STORMTECH SC-310 CHAMBERS @ 31.0 CF/UNIT

8,676.71 CF / 31 CF = 279.89 CHAMBERS REQ'D

USE (285) STORMTECH SC-310 CHAMBERS x 31.0 CF = 8,835 CF



PIPE LEGEND

8" REINFORCED CONC. PIPE

12" HDPE PIPE

SITE DRAINAGE & GRADING PLAN

SCALE: 1" = 30'-0"

GENERAL DESIGN DATA NOTES:

1. PER 1106.1 OF THE INTERNATIONAL PLUMBING CODE, SIZING TO BE BASED ON 100 YEAR, 1-HOUR RATE PER FIGURE 1106.1 OR APPORVED LOCAL DATA
2. PER NOAA SITE ID 30-2582, ELLENVILLE, NY: 1-HOUR, 100 YEAR RATE = 2.74" RAINFALL

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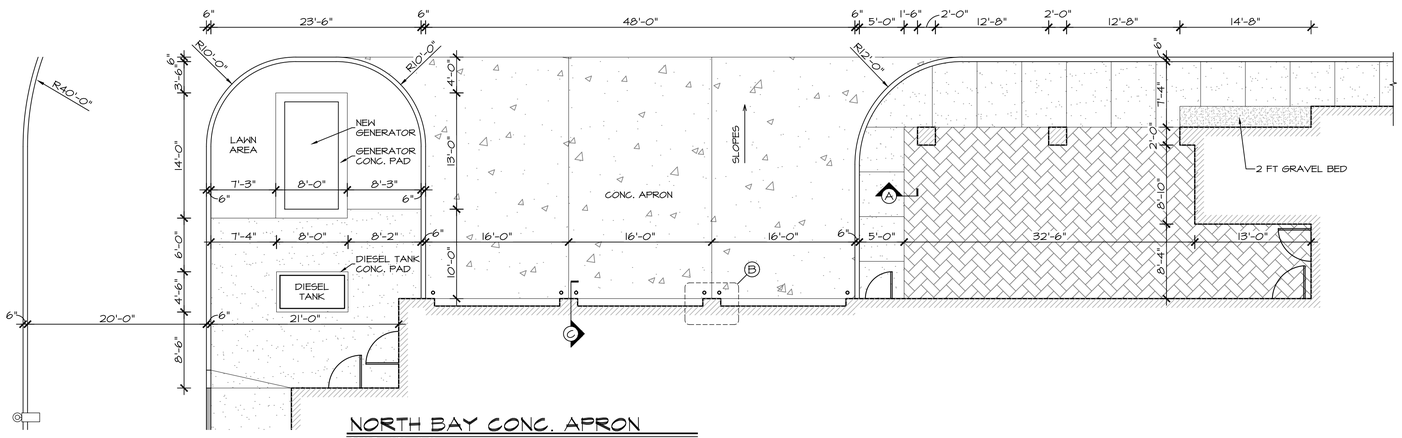
SITE DRAINAGE AND GRADING PLAN

PROJECT No. 2501

CHECKED BY:

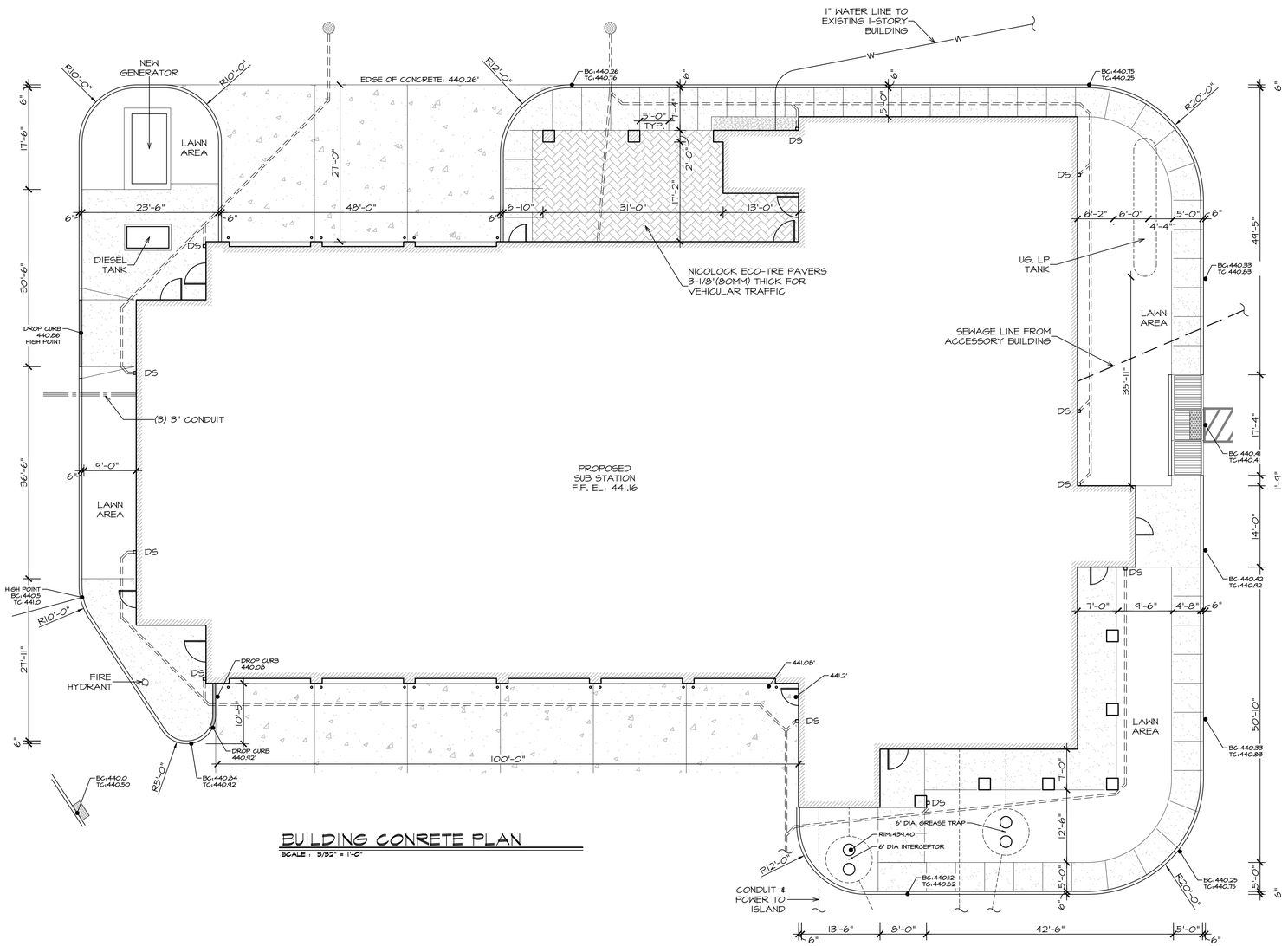
DRAWING:

SP-3



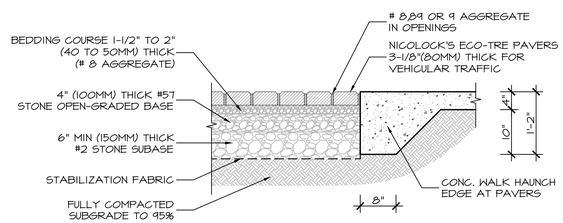
NORTH BAY CONC. APRON

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



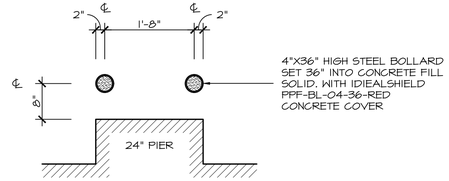
BUILDING CONRETE PLAN

SCALE : 5/32" = 1'-0"



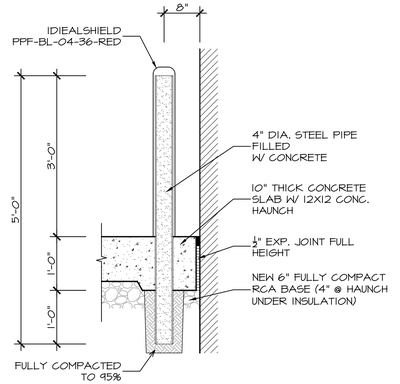
A PAVER DETAIL

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



B BOLLARDS LAY-OUT

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



C BOLLARD DETAIL

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

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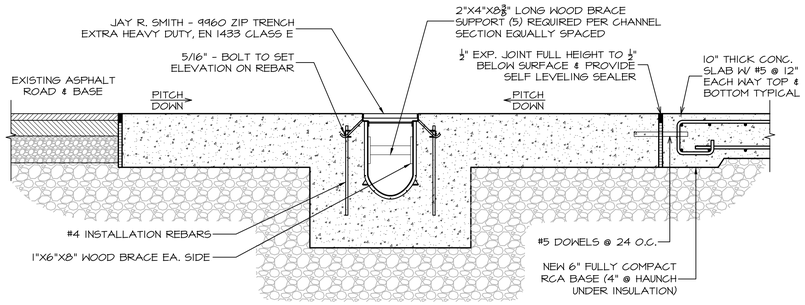
SITE CONCRETE AND HARDSCAPE PLANS

PROJECT No. 2501

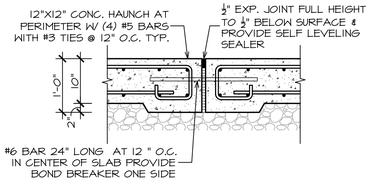
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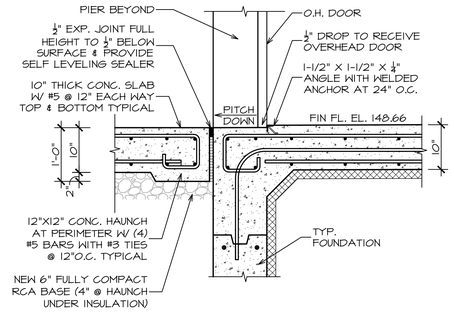
SP-4.1



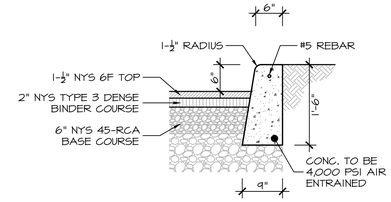
A APRON/HAUNCH DETAIL
SCALE : 3/4" = 1'-0"



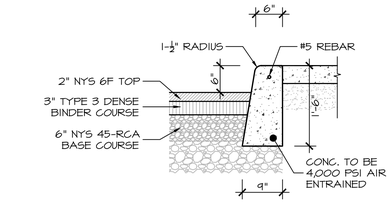
B APRON/HAUNCH DETAIL
SCALE : 3/4" = 1'-0"



C APRON/HAUNCH DETAIL @ O.H.D.
SCALE : 3/4" = 1'-0"

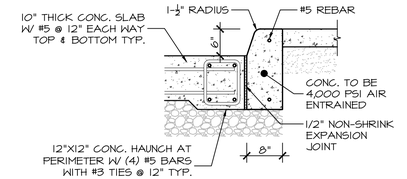


1 CURB DETAIL
SCALE : 3/4" = 1'-0"

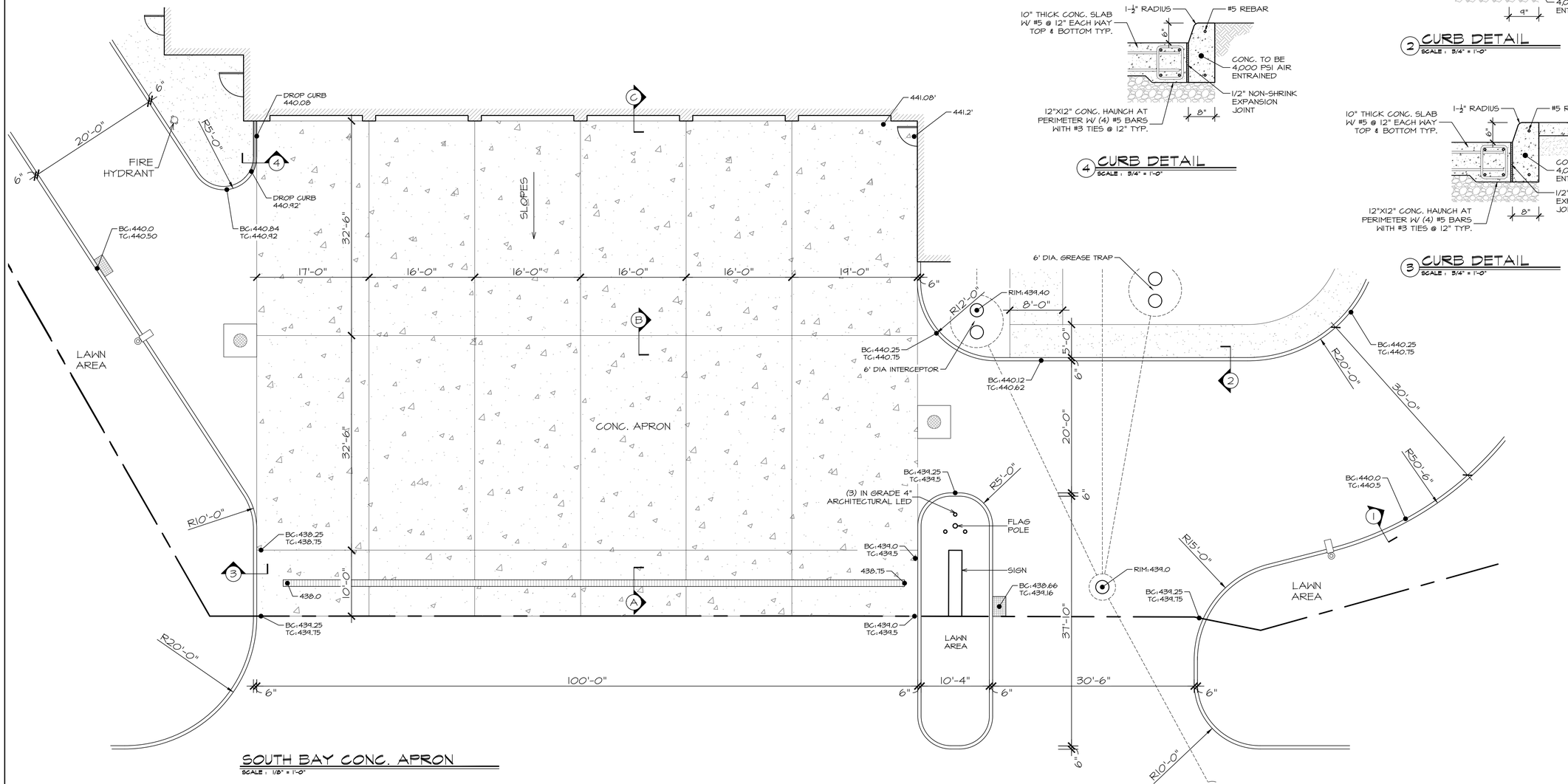


2 CURB DETAIL
SCALE : 3/4" = 1'-0"

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



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



SOUTH BAY CONC. APRON
SCALE : 1/8" = 1'-0"

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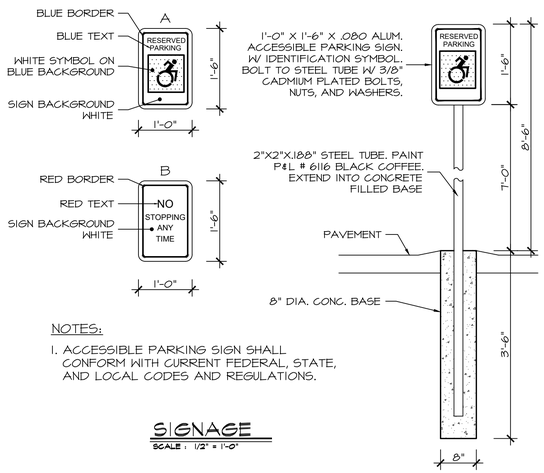
SITE CONCRETE AND HARDSCAPE PLANS

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CHECKED BY:

DRAWING:

SP-4.2

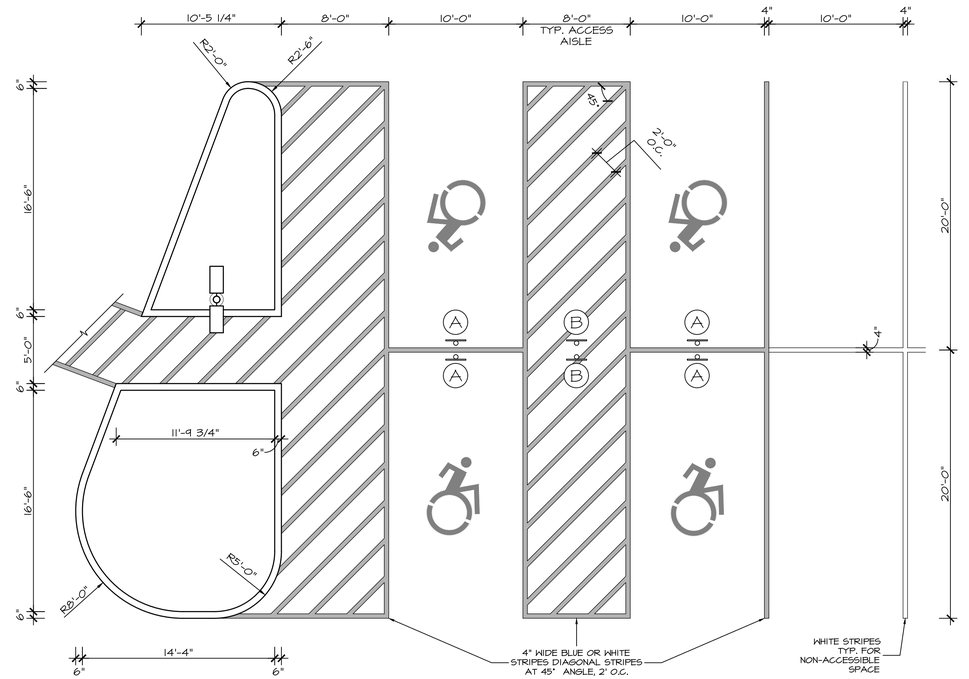


NOTES:

1. ACCESSIBLE PARKING SIGN SHALL CONFORM WITH CURRENT FEDERAL, STATE, AND LOCAL CODES AND REGULATIONS.

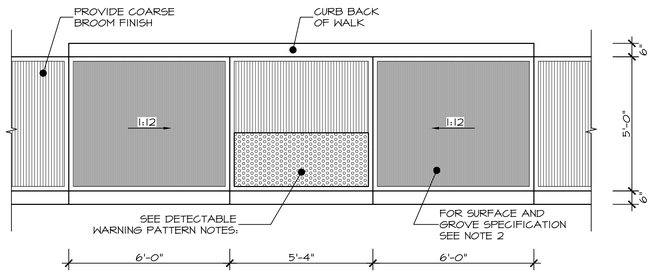
SIGNAGE

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



HANDICAP / PARKING STRIPING DETAIL

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

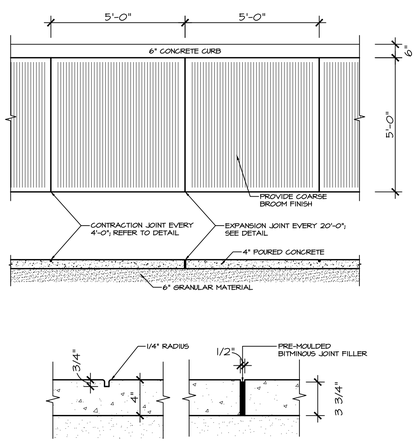


CURB RAMP NOTES:

1. THE MINIMUM WIDTH FOR SIDEWALK CURB RAMPS IS 5'-0"
2. THE RUNNING SLOPE OF A CURB RAMP SHALL BE 1:20 (5%) MINIMUM (PREFERRED) AND 1:12 (8.33%) MAXIMUM.
3. WHERE THE SLOPE OF THE ROADWAY EXCEEDS 8.33% THE CURB RAMP LENGTH IS THE LENGTH NECESSARY TO MEET THE EXISTING SIDEWALK. IT IS NOT NECESSARY THAT THE RAMP LENGTH EXCEED 15'-0"
4. THE CROSS SLOPE OF CURB RAMPS SHOULD BE AS FLAT AS POSSIBLE, NOT TO EXCEED 1:50 (2%) THE CROSS SLOPE AT MIDBLOCK CROSSING MAY BE WARPED TO MEET STREET OR HIGHWAY GRADE.
5. THE VERTICAL ALIGNMENT OF A CURB RAMP, EXCLUDING THE FLARES, SHALL BE PLANAR. GRADE BREAKS SHALL BE FLUSH AND PERPENDICULAR TO THE DIRECTION OF THE RAMP RUN
6. RAMP TRANSITIONS BETWEEN WALKS, LANDINGS, GUTTERS, OR STREETS SHALL BE FLUSH AND FREE OF ABRUPT VERTICAL CHANGES (¼" MAX).
7. WHERE A PEDESTRIAN CIRCULATION PATH CROSSES THE CURB RAMP, FLARED SIDES WITH A SLOPE OF 10% MAXIMUM MEASURED PARALLEL TO THE CURB LINE, SHALL BE PROVIDED

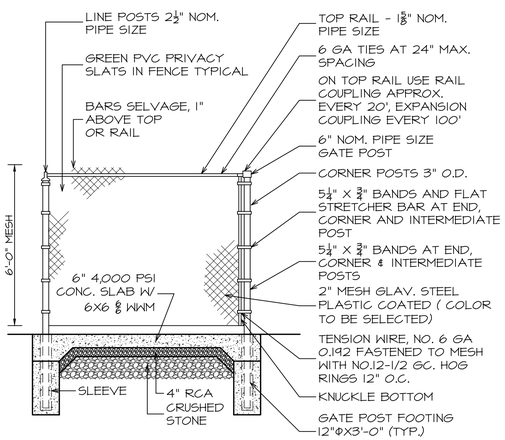
LANDING NOTES:

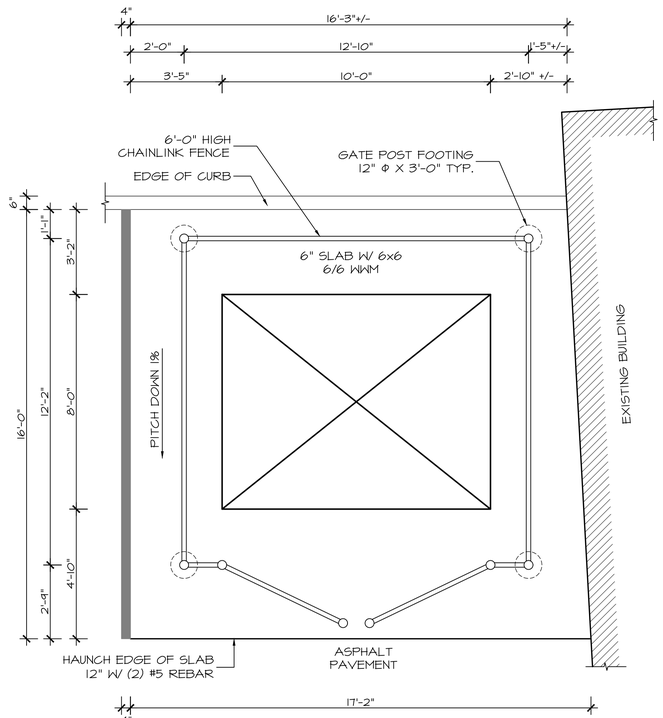
1. LANDING SHALL HAVE A MINIMUM CLEAR DIMENSION OF A 5'-0" BY 5'-0"
2. THE RUNNING AND CROSS SLOPES ON LANDINGS AT INTERSECTIONS IS 1:50 (2%) MAXIMUM. THE RUNNING AND CROSS SLOPES AT MIDBLOCK CROSSINGS MAY BE WARPED TO MEET STREET OR HIGHWAY GRADE.



MID-BLOCK SIDE WALK RAMP

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





DUMPSTER ENCLOSURE PLAN & SECTION

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

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SEAL



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PROPOSED NEW FACILITY
ELLENVILLE FIRE DISTRICT
203 S. MAIN ST. NYS ROUTE 209
ELLENVILLE, NY 12428

SITE DETAILS

PROJECT No. 2501

CHECKED BY:

DRAWING:

SP-4.3

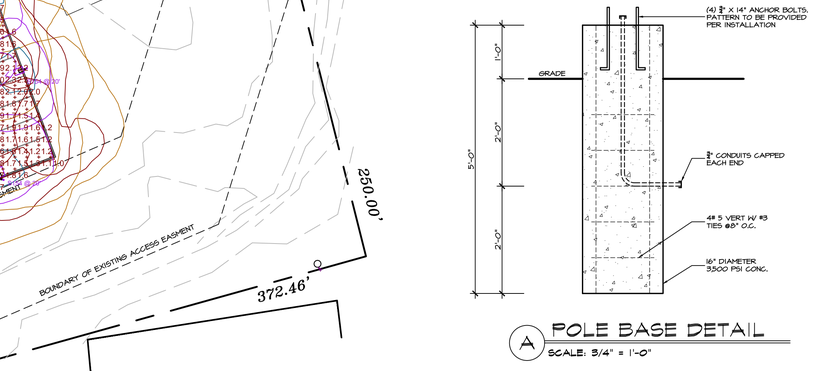
LUMINAIRE SCHEDULE									
SYM.	LABEL	QTY.	CATALOG NUMBER	DESCRIPTION	No. OF LAMPS	LUM./LAMP	LLF	WATTAGE	MOUNTING HT.
○	D8-3	3	NYX-NC-8-RD-M (30)-9-CCT55 (30K)-DUALDIM-WD-GN	LED 8 NC CDL	1	4442	0.69	30	6'-0"
▯	5154	15	VSX-II_T4_16C_5_3KSERIES	POLE MOUNTED PARKING LIGHT	1	2939	0.95	26	20'-0"
□	SW133	5	VSC-I-T3-16LC-3-3K-UNV-PCR-XXX	ENTRY DOOR WALL PACK	1	2238	0.95	18	10'-0"
▯	T354	4	VSX-II-T4_16LC_5_3K SERIES	POLE MOUNTED PARKING LIGHT	1	2939	0.95	52	20'-0"
▯	-	-	VSX-II-T4_16LC_5_3K SERIES	POLE MOUNTED PARKING LIGHT	1	2939	0.95	26	20'-0"
▯	-	-	VSX-II-T4_16LC_5_3K SERIES	POLE MOUNTED PARKING LIGHT	1	2939	0.95	26	20'-0"
◉	SDW-33-4	11	N 2X-L-HTLXNL_T4_32LC_3_3K SERIES	DECORATIVE WALL MOUNTED LANTERN	1	3282	0.95	34.4	10'-0"
○	SP-2	3	LSO-M-T2-5L-3K-UNV-PTD-BK-LDL-PCR-XXX	WEATHER-RESIST RECESSED LIGHT FIXTURE	1	6861	0.95	52.1	9'-0"
◉	SDP-33-4	6	N2X-L-HTLXNL_T4_32LC_3_3K SERIES	DECORATIVE WALL MOUNTED LANTERN	1	3282	0.95	34.4	9'-0"

LUMINAIRE PHOTOMETIC STATISTICS						
DESCRIPTION	SYM.	AVG.	MAX.	MIN.	MAX/MIN	AVG/MIN
CANOPY AND SIDEWALK	✳	5.5 fc	14.9 fc	0.8 fc	18.6:1	6.9:1
DRIVE THROUGH-LEFT SIDE	+	1.9 fc	8.0 fc	0.3 fc	26.7:1	6.3:1
ENTRANCE - BACK	×	6.0 fc	24.8 fc	1.4 fc	17.7:1	4.3:1
ENTRANCE - FRONT	□	1.7 fc	11.0 fc	0.0 fc	N/A	N/A
PARKING LOT - BACK	+	1.7 fc	9.6 fc	0.5 fc	19.2:1	3.4:1
PARKING LOT - GARAGE	+	1.1 fc	3.1 fc	0.5 fc	6.2:1	2.2:1
WALKWAY - BACK	✳	12.0 fc	27.9 fc	0.2 fc	134.5:1	60.0:1
WALKWAY - FRONT & SIDE	□	8.6 fc	18.9 fc	1.1 fc	17.2:1	7.8:1



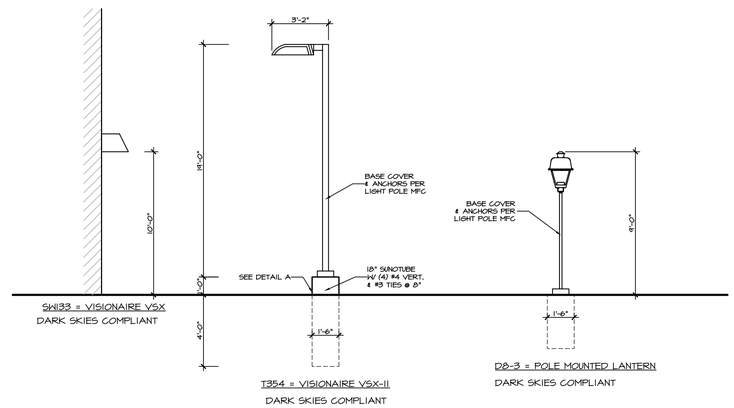
SITE PHOTOMETRIC PLAN

SCALE: 1" = 30'-0"



A POLE BASE DETAIL

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



SW133 = VISIONAIRE VSX
DARK SKIES COMPLIANT

T354 = VISIONAIRE VSX-II
DARK SKIES COMPLIANT

D8-3 = POLE MOUNTED LANTERN
DARK SKIES COMPLIANT

NOTE: REFER TO SP-1 FOR ALL LIGHT FIXTURE LOCATIONS

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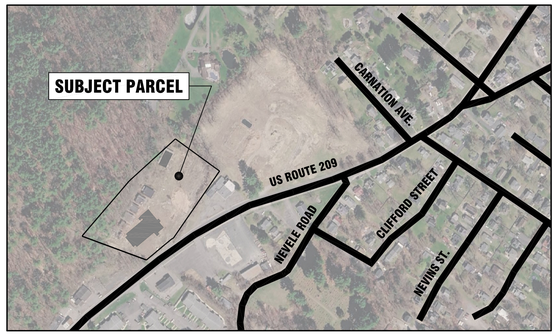
SITE PHOTOMETRIC PLAN

PROJECT No. 2501

CHECKED BY:

DRAWING:

SP-5



LOCATION MAP

SCALE: NTS

NYSDOT NOTES:

1. SHORT-TERM STATIONARY IS DAYTIME WORK THAT OCCUPIES A LOCATION MORE THAN ONE HOUR WITHIN A SINGLE DAYLIGHT PERIOD.

2. THE PROTECTIVE VEHICLE(S) SHALL MAINTAIN THE APPROPRIATE ROLL AHEAD DISTANCE, BE AN UNOCCUPIED TRUCK POSITIONED PARALLEL TO TRAFFIC, PARKING BRAKE SET, PLACED IN 2ND GEAR (MANUAL TRANSMISSION / ENGINE OFF) OR PARK / NEUTRAL (AUTOMATIC TRANSMISSIONS) AND HAVE THE FRONT WHEELS ALIGNED WITH THE LANE STRIPPING.

3. THERE SHALL BE NO WORKERS, EQUIPMENT OR OTHER VEHICLES IN THE BUFFER SPACE OR THE ROLL AHEAD DISTANCE.

4. XX IS THE EXPECTED OVERALL LENGTH OF THE OPERATION TO BE COMPLETED WITHIN THE WORK DAY. A SUPPLEMENTAL DISTANCE PLAQUE (W7-3A SHALL BE USED WITH SIGN W20-1 WHEN DISTANCE BETWEEN THE ADVANCE WARNING SIGNS AND WORK MAY BECOME GREATER THAN 2 MILES AS A RESULT OF THE FOLLOWING SITUATIONS:
   * MULTIPLE WORK LOCATIONS ARE ANTICIPATED WITHIN XX MILES FROM THE W20-1 SIGN.
   * WORK AREA WILL BE RELOCATED DURING THE DURATION OF THE WORK WITHIN XX MILES FROM THE W20-1 SIGN.
   THE SUPPLEMENT SIGN W7-3A SHALL INDICATE THE MAXIMUM ANTICIPATED DISTANCE BETWEEN THE W20-1 SIGN AND THE FARTHEST WORK LOCATION.

5. WHEN MULTIPLE WORK LOCATIONS EXIST WITHIN XX MILES FROM THE W20-1 SIGN, A G20-1 SIGN SHALL BE PLACED EVERY TWO MILES INDICATING THE DISTANCE FROM THE SIGN TO THE FARTHEST WORK LOCATION.

6. CHANNELIZING DEVICES SHALL BE PLACED TRANSVERSELY A MINIMUM OF EVERY 800' AS SHOWN WHEN PAVED SHOULDER HAVING A WIDTH OF 8' OR GREATER IS CLOSED FOR A DISTANCE GREATER THAN 800'.

7. IN URBAN CONDITIONS, ADVANCE WARNING SIGN SPACINGS MAY BE ADJUSTED IN ORDER TO ACCOMMODATE SIDE STREETS AND DRIVEWAYS. IF THERE IS A CONFLICT, MOVE THE SIGN UPSTREAM.

8. WHEN THE MINIMUM LANE WIDTH OF 10' CANNOT BE MAINTAINED DUE TO A SHOULDER CLOSURE, USE THE DETAIL FOR SHORT OR INTERMEDIATE TERM STATIONARY FLAGGING OPERATION.

9. WHEN THE DISTANCE BETWEEN THE ADVANCE WARNING SIGNS AND WORK IS 2 MILES TO 5 MILES, A SUPPLEMENTAL DISTANCE PLAQUE (W7-3A) SHOULD BE USED WITH THE SHOULDER WORK SIGN (W21-5).

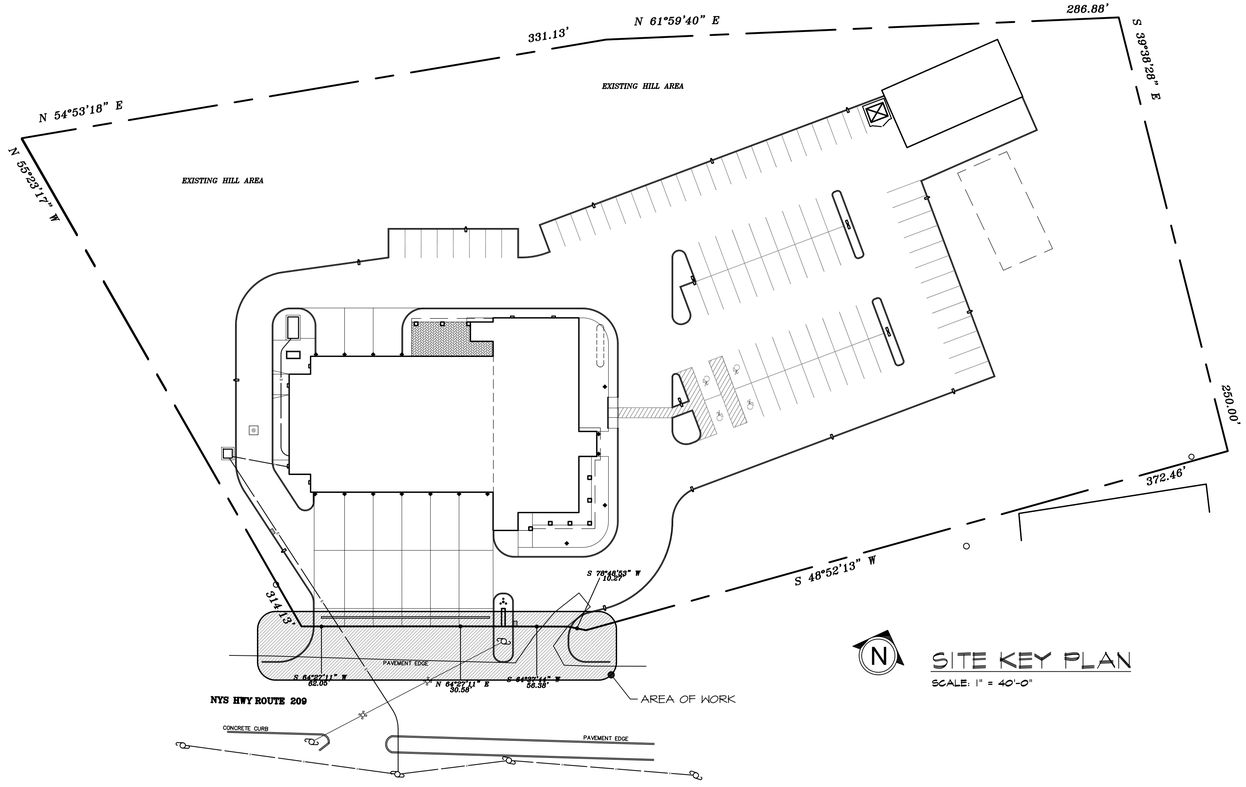
10. THE ROAD WORK NEXT XX MILES SIGN (G20-1) MAY BE USED INSTEAD OF THE ROAD WORK AHEAD SIGN (W20-1) IF WORK LOCATIONS OCCUR OVER A DISTANCE OF MORE THAN 2 MILES.

11. FOR BARRIER VEHICLE USE REQUIERMENTS SEE TABLES NY1-A AND NY2-A ON THE STANDARD SHEET TITLED "WORK ZONE TRAFFIC CONTROL LEGENDS AND NOTES".

12. IN THOSE SITUATIONS WHERE MULTIPLE WORK LOCATIONS EXIST WITHIN A LIMITED DISTANCE MAKE IT FRACTICAL TO PLACE STATIONARY SIGNS, THE DISTANCE BETWEEN THE ADVANCE WARNING SIGN AND WORK SHALL NOT EXCEED 5 MILES.

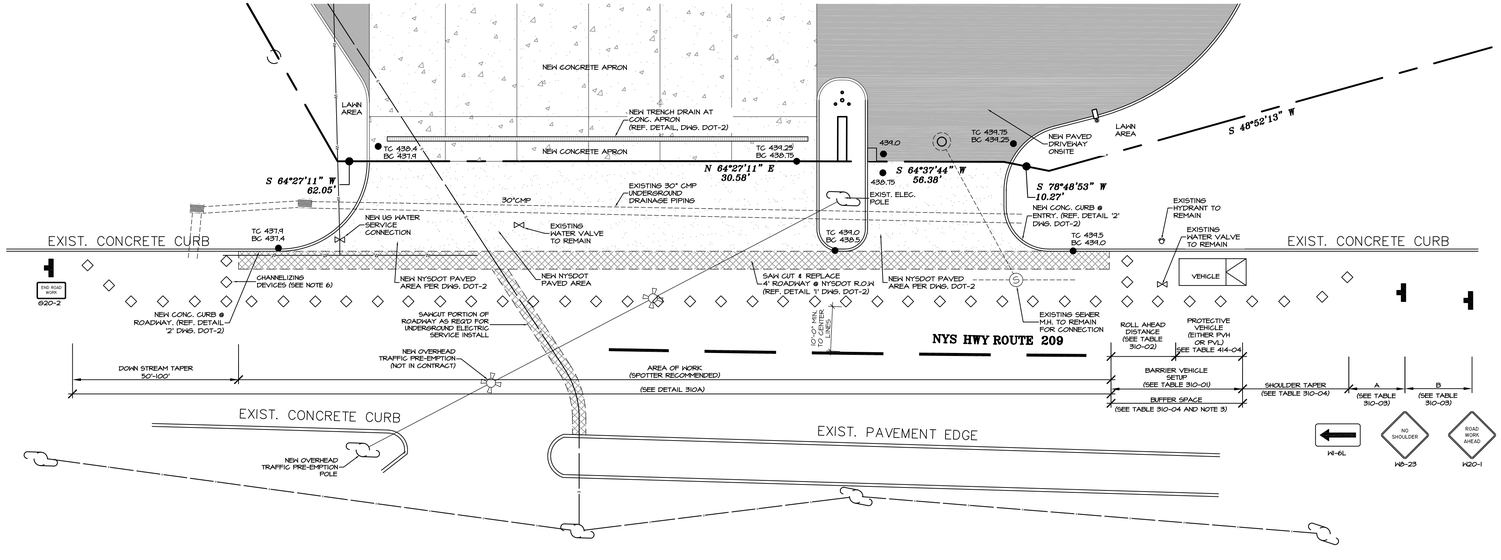
13. CHANNELIZING DEVICE SPACING (CENTER TO CENTER) SHALL NOT EXCEED 40' IN THE ACTIVE WORK SPACE.

PREMPTION SEQUENCING			
DEVICE	ORIENTATION	NORMAL	PREEMPTED
1	A FACING ROUTE 209 SOUTH	YELLOW FLASHING	RED
	B FACING FIREHOUSE APRON	RED FLASHING	GREEN
2	A FACING ROUTE 209 NORTH	YELLOW FLASHING	RED
	B FACING FIREHOUSE APRON	RED FLASHING	GREEN



SITE KEY PLAN

SCALE: 1" = 40'-0"



WORK ZONE CONTROL PLAN

SCALE : 1/16" = 1'-0

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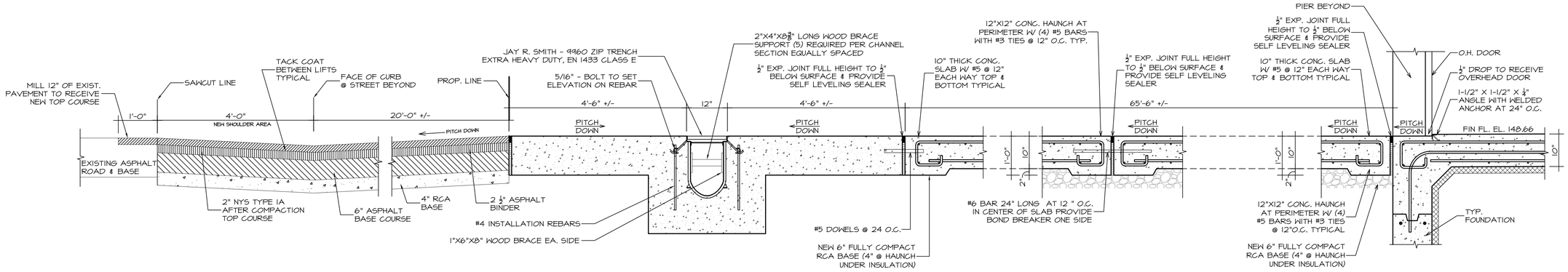
AREA OF WORK & TRAFFIC CONTROL PLAN

PROJECT No. 2501

CHECKED BY:

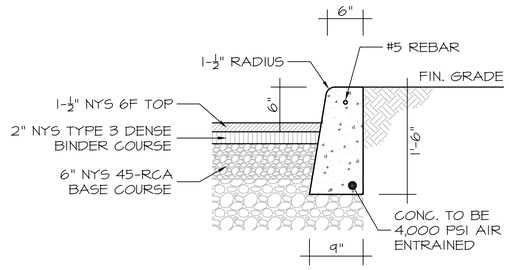
DRAWING:

DOT-1



1 SECTION AT CONCRETE APRON/DOT R.O.W.

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



2 CURB DETAIL @ DOT R.O.W.

SCALE: 1" = 1'-0"

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ROAD WORK DETAILS

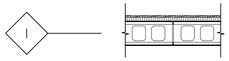
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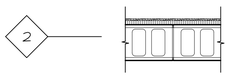
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DOT-2

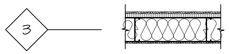
WALL TYPES



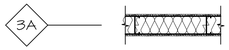
1 — 8" CMU ASTM STANDARD C-90 GRADE N UNITS WITH TYPE S MORTAR. PROVIDE #4 REBAR AT 32" O.C. GROUTED SOLID. BARS TO EXTEND INTO CONCRETE FOUNDATION/SLAB. TOP OF ALL WALLS TO HAVE HB PTA 420 HDG #3 REBAR ANCHOR FASTENED TO STEEL/STRUCTURE ABOVE. PROVIDE HB 120 TRUSS REINFORCING AT 16". ANCHOR TO COLUMNS WITH HB 301 W COLUMN WEB TIE ANCHORS @ 16" O.C. CONNECTED TO COLUMNS WITH HB 354 WELD TIES. EXTERIOR SIDE TO HAVE 2" ARMORWALL FR W/ ⅜" DENZ GLASS EXTERIOR FULL HEIGHT TO SECOND FLOOR ELEVATION. SEE ELEVATIONS FOR EXTERIOR FINISH & SYSTEMS.



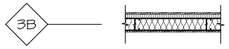
2 — 12" CMU ASTM STANDARD C-90 GRADE N UNITS WITH TYPE S MORTAR. PROVIDE #4 REBAR AT 32" O.C. GROUTED SOLID. BARS TO EXTEND INTO CONCRETE FOUNDATION/SLAB. TOP OF ALL WALLS TO HAVE HB PTA 420 HDG #3 REBAR ANCHOR FASTENED TO STEEL/STRUCTURE ABOVE. PROVIDE HB 120 TRUSS REINFORCING AT 16". ANCHOR TO COLUMNS WITH HB 301 W COLUMN WEB TIE ANCHORS @ 16" O.C. CONNECTED TO COLUMNS WITH HB 354 WELD TIES. EXTERIOR SIDE TO HAVE 2" ARMORWALL FR W/ ⅜" DENZ GLASS EXTERIOR FULL HEIGHT TO SECOND FLOOR ELEVATION. SEE ELEVATIONS FOR EXTERIOR FINISH & SYSTEMS.



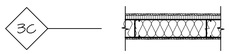
3 — 8" 16 GA. STUDS AT 24" O.C. WITH 2" ARMORWALL FR PLY INSULATED EXTERIOR SHEATHING & 2" CLOSED-CELL FOAM INSULATION R-14, & R-21 KRAFT FACED INSULATION FULL HEIGHT. WITH ⅝" GYP BD. NOTE BOTTOM OF WALL HAS ADDITIONAL 2" X 8" HIGH INFILL WITH 2" RIGID INSULATION AT FLOOR



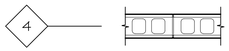
3A — 6" 18GA. METAL AT 24" O.C. STUD AND ⅝" WATER RESISTANT GYP.BD. EA. SIDE 8'-8" HIGH. BRACE TOP OF WALL TO STRUCTURE WITH DIAGNAL BRACES AT 48" O.C. ALL WALL AREAS TO RECEIVES WALL TILES SHALL HAVE ⅝" CEMENT BOARD IN LIEU OF GYP. BD.



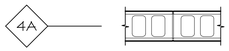
3B — 4" 16 GA. STUDS AT 24" O.C. WITH 2" ARMORWALL FR PLY INSULATED EXTERIOR SHEATHING & 2" CLOSED-CELL FOAM INSULATION R-14, & R-21 KRAFT FACED INSULATION FULL HEIGHT. WITH ⅝" GYP BD. NOTE BOTTOM OF WALL HAS ADDITIONAL 2" X 8" HIGH INFILL WITH 2" RIGID INSULATION AT FLOOR



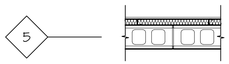
3C — 6" 16 GA. STUDS AT 24" O.C. WITH 2" ARMORWALL FR PLY INSULATED EXTERIOR SHEATHING & 2" CLOSED-CELL FOAM INSULATION R-14, & R-21 KRAFT FACED INSULATION FULL HEIGHT. WITH ⅝" GYP BD. NOTE BOTTOM OF WALL HAS ADDITIONAL 2" X 8" HIGH INFILL WITH 2" RIGID INSULATION AT FLOOR



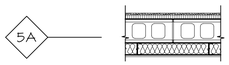
4 — 8" CMU ASTM STANDARD C-90 GRADE N UNITS WITH TYPE S MORTAR. PROVIDE #4 REBAR AT 32" O.C. GROUTED SOLID. BARS TO EXTEND INTO CONCRETE FOUNDATION/SLAB. TOP OF ALL WALLS TO HAVE CONTINUOUS BOND BEAM WITH (2) #4 GROUTED SOLID, 8'-0" HIGH.



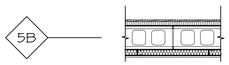
4A — 10" CMU ASTM STANDARD C-90 GRADE N UNITS WITH TYPE S MORTAR. PROVIDE #4 REBAR AT 32" O.C. GROUTED SOLID. BARS TO EXTEND INTO CONCRETE FOUNDATION/SLAB. TOP OF ALL WALLS TO HAVE CONTINUOUS BOND BEAM WITH (2) #4 GROUTED SOLID, 8'-0" HIGH.



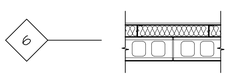
5 — 8" CMU ASTM STANDARD C-90 GRADE N UNITS WITH TYPE S MORTAR. PROVIDE #4 REBAR @ 32" O.C. GROUTED SOLID. BARS TO EXTEND INTO CONCRETE FOUNDATION/SLAB. TOP OF ALL WALLS TO HAVE HB PTA 420 HDG #3 REBAR ANCHOR FASTENED TO STEEL/STRUCTURE ABOVE. PROVIDE HB 120 TRUSS REINFORCING AT 16". ANCHOR TO COLUMNS WITH HB 301 W COLUMN WEB TIE ANCHORS @ 16" O.C. CONNECTED TO COLUMNS WITH HB 354 WELD TIES. FINISHED SIDE TO HAVE 2" 18GA. METAL FURRING, 2" RIGID INSULATION AND ⅝" GYP. BOARD. NOTE THAT STUDS HAVE START AT FOUNDATION WALL 8" ABOVE FINISHED FLOOR AND HAVE 2" X 8" HIGH INFILL FRAMING BELOW TO FINISHED FLOOR.



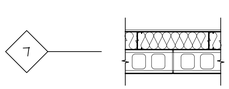
5A — 8" CMU ASTM STANDARD C-90 GRADE N UNITS WITH TYPE S MORTAR. PROVIDE #4 REBAR @ 32" O.C. GROUTED SOLID. BARS TO EXTEND INTO CONCRETE FOUNDATION/SLAB. TOP OF ALL WALLS TO HAVE HB PTA 420 HDG #3 REBAR ANCHOR FASTENED TO STEEL/STRUCTURE ABOVE. PROVIDE HB 120 TRUSS REINFORCING AT 16". ANCHOR TO COLUMNS WITH HB 301 W COLUMN WEB TIE ANCHORS @ 16" O.C. CONNECTED TO COLUMNS WITH HB 354 WELD TIES. INTERIOR WALL TO HAVE 2" 18GA. METAL FURRING, 2" RIGID INSULATION AND ⅝" GYP. BOARD. EXTERIOR WALL TO HAVE 2" ARMORWALL, INSULATED EXTERIOR SHEATHING & 2" CLOSED-CELL FOAM INSULATION R-14, R-21 KRAFT FACED INSULATION FULL HEIGHT. NOTE THAT STUDS HAVE START AT FOUNDATION WALL 8" ABOVE FINISHED FLOOR AND HAVE 2" X 8" HIGH INFILL FRAMING BELOW TO FINISHED FLOOR.



5B — 8" CMU ASTM STANDARD C-90 GRADE N UNITS WITH TYPE S MORTAR. PROVIDE #4 REBAR @ 32" O.C. GROUTED SOLID. BARS TO EXTEND INTO CONCRETE FOUNDATION/SLAB. TOP OF ALL WALLS TO HAVE HB PTA 420 HDG #3 REBAR ANCHOR FASTENED TO STEEL/STRUCTURE ABOVE. PROVIDE HB 120 TRUSS REINFORCING AT 16". ANCHOR TO COLUMNS WITH HB 301 W COLUMN WEB TIE ANCHORS @ 16" O.C. CONNECTED TO COLUMNS WITH HB 354 WELD TIES. INTERIOR WALL TO HAVE 2" 18GA. METAL FURRING, 2" RIGID INSULATION AND ⅝" GYP. BOARD. EXTERIOR WALL TO HAVE 2" ARMORWALL, INSULATED EXTERIOR SHEATHING & 2" CLOSED-CELL FOAM INSULATION R-14, R-21 KRAFT FACED INSULATION FULL HEIGHT. NOTE THAT STUDS HAVE START AT FOUNDATION WALL 8" ABOVE FINISHED FLOOR AND HAVE 2" X 8" HIGH INFILL FRAMING BELOW TO FINISHED FLOOR.



6 — 8" CMU ASTM STANDARD C-90 GRADE N UNITS WITH TYPE S MORTAR. PROVIDE #4 REBAR @ 32" O.C. GROUTED SOLID. BARS TO EXTEND INTO CONCRETE FOUNDATION/SLAB. TOP OF ALL WALLS TO HAVE HB PTA 420 HDG #3 REBAR ANCHOR FASTENED TO STEEL/STRUCTURE ABOVE. PROVIDE HB 120 TRUSS REINFORCING AT 16". ANCHOR TO COLUMNS WITH HB 301 W COLUMN WEB TIE ANCHORS @ 16" O.C. CONNECTED TO COLUMNS WITH HB 354 WELD TIES. FINISHED SIDE TO HAVE 4" 18GA. METAL FURRING, 2" RIGID INSULATION AND ⅝" GYP. BOARD. NOTE THAT STUDS HAVE START AT FOUNDATION WALL 8" ABOVE FINISHED FLOOR AND HAVE 2" X 8" HIGH INFILL FRAMING BELOW TO FINISHED FLOOR.



7 — 8" CMU ASTM STANDARD C-90 GRADE N UNITS WITH TYPE S MORTAR. PROVIDE #4 REBAR @ 32" O.C. GROUTED SOLID. BARS TO EXTEND INTO CONCRETE FOUNDATION/SLAB. TOP OF ALL WALLS TO HAVE HB PTA 420 HDG #3 REBAR ANCHOR FASTENED TO STEEL/STRUCTURE ABOVE. PROVIDE HB 120 TRUSS REINFORCING AT 16". ANCHOR TO COLUMNS WITH HB 301 W COLUMN WEB TIE ANCHORS @ 16" O.C. CONNECTED TO COLUMNS WITH HB 354 WELD TIES. FINISHED SIDE TO HAVE 6" 18GA. METAL FURRING, 2" RIGID INSULATION AND ⅝" GYP. BOARD. NOTE THAT STUDS HAVE START AT FOUNDATION WALL 8" ABOVE FINISHED FLOOR AND HAVE 2" X 8" HIGH INFILL FRAMING BELOW TO FINISHED FLOOR.



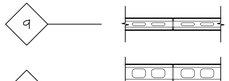
8 — 8" CMU ASTM STANDARD C-90 GRADE N UNITS WITH TYPE S MORTAR. PROVIDE #4 REBAR @ 32" O.C. GROUTED SOLID. BARS TO EXTEND INTO CONCRETE FOUNDATION/SLAB. TOP OF ALL WALLS TO HAVE HB PTA 420 HDG #3 REBAR ANCHOR FASTENED TO STEEL/STRUCTURE ABOVE. PROVIDE HB 120 TRUSS REINFORCING AT 16". ANCHOR TO COLUMNS WITH HB 301 W COLUMN WEB TIE ANCHORS @ 16" O.C. CONNECTED TO COLUMNS WITH HB 354 WELD TIES. FINISHED SIDE TO HAVE 8" 18GA. METAL FURRING, 2" RIGID INSULATION AND ⅝" GYP. BOARD. NOTE THAT STUDS HAVE START AT FOUNDATION WALL 8" ABOVE FINISHED FLOOR AND HAVE 2" X 8" HIGH INFILL FRAMING BELOW TO FINISHED FLOOR.



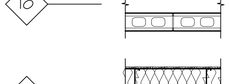
8A — 10" CMU ASTM STANDARD C-90 GRADE N UNITS WITH TYPE S MORTAR. PROVIDE #4 REBAR @ 32" O.C. GROUTED SOLID. BARS TO EXTEND INTO CONCRETE FOUNDATION/SLAB. TOP OF ALL WALLS TO HAVE HB PTA 420 HDG #3 REBAR ANCHOR FASTENED TO STEEL/STRUCTURE ABOVE. PROVIDE HB 120 TRUSS REINFORCING AT 16". ANCHOR TO COLUMNS WITH HB 301 W COLUMN WEB TIE ANCHORS @ 16" O.C. CONNECTED TO COLUMNS WITH HB 354 WELD TIES. FINISHED SIDE TO HAVE 8" 18GA. METAL FURRING, 2" RIGID INSULATION AND ⅝" GYP. BOARD. NOTE THAT STUDS HAVE START AT FOUNDATION WALL 8" ABOVE FINISHED FLOOR AND HAVE 2" X 8" HIGH INFILL FRAMING BELOW TO FINISHED FLOOR.



9 — 4" CMU ASTM STANDARD C-90 GRADE N UNITS WITH TYPE S MORTAR. PROVIDE #4 REBAR AT 32" O.C. GROUTED SOLID. BARS TO EXTEND INTO CONCRETE FOUNDATION/SLAB. TOP OF ALL WALLS TO HAVE CONTINOUS BOND BEAM WITH (2) #4 GROUTED SOLID, 8'-0" HIGH.



10 — 6" CMU ASTM STANDARD C-90 GRADE N UNITS WITH TYPE S MORTAR. PROVIDE #4 REBAR AT 32" O.C. GROUTED SOLID. 6" AIR GAP FOLLOWED BY 4" CMU STANDARD C-90 GRADE N UNITS WITH TYPE S MORTAR. PROVIDE #4 REBAR AT 32" O.C. GROUTED SOLID.



10A — 6" CMU ASTM STANDARD C-90 GRADE N UNITS WITH TYPE S MORTAR. PROVIDE #4 REBAR AT 32" O.C. GROUTED SOLID. 6" AIR GAP FOLLOWED BY 4" CMU STANDARD C-90 GRADE N UNITS WITH TYPE S MORTAR. PROVIDE #4 REBAR AT 32" O.C. GROUTED SOLID.



11 — 12" CMU ASTM STANDARD C-90 GRADE N UNITS WITH TYPE S MORTAR. PROVIDE #4 REBAR AT 32" O.C. GROUTED SOLID. BARS TO EXTEND INTO CONCRETE FOUNDATION/SLAB. TOP OF ALL WALLS TO HAVE CONTINOUS BOND BEAM WITH (2) #4 GROUTED SOLID. 8'-0" HIGH.

DATE	ISSUED
03-17-2026	ISSUED FOR GENERAL CONSTRUCTION BID AS SINGLE PRIME CONTRACT INCLUDING ALL TRADES

SEAL



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ARCHITECTS - PLANNERS
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(631) 727-5332

PROPOSED NEW FACILITY
ELLENVILLE FIRE DISTRICT
203 S. MAIN ST. NYS ROUTE 209
ELLENVILLE, NY 12428

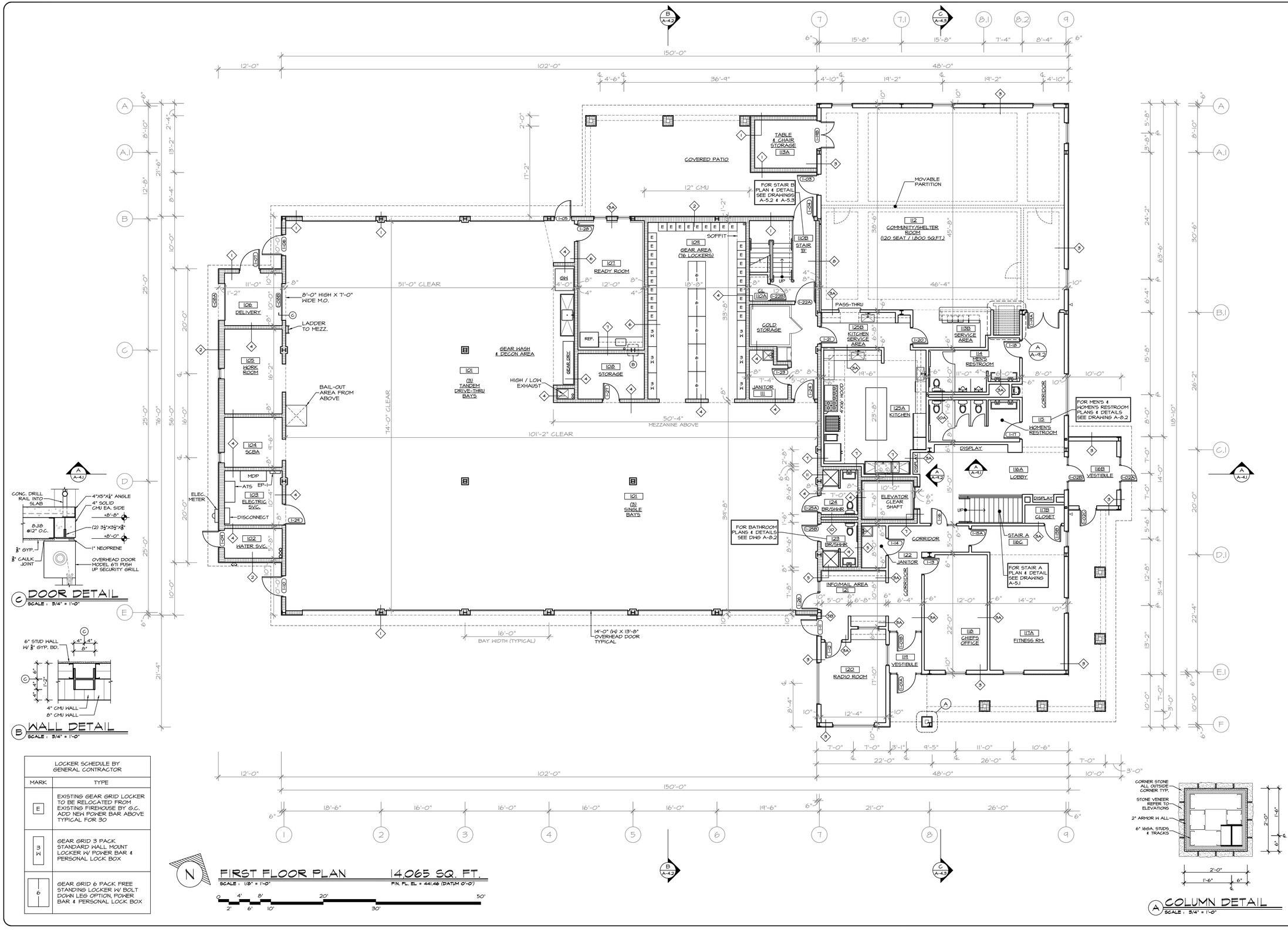
WALL TYPES & UL FIRE RESISTANT ASSEMBLIES

PROJECT No. 2501

CHECKED BY:

DRAWING:

A-1.0



LOCKER SCHEDULE BY GENERAL CONTRACTOR	
MARK	TYPE
E	EXISTING GEAR GRID LOCKER TO BE RELOCATED FROM EXISTING FIREHOUSE BY G.C. ADD NEW POWER BAR ABOVE TYPICAL FOR 30
3 W	GEAR GRID 3 PACK STANDARD WALL MOUNT LOCKER W/ POWER BAR & PERSONAL LOCK BOX
6	GEAR GRID 6 PACK FREE STANDING LOCKER W/ BOLT DOWN LEG OPTION, POWER BAR & PERSONAL LOCK BOX

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ELLENVILLE FIRE DISTRICT
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ELLENVILLE, NY 12428

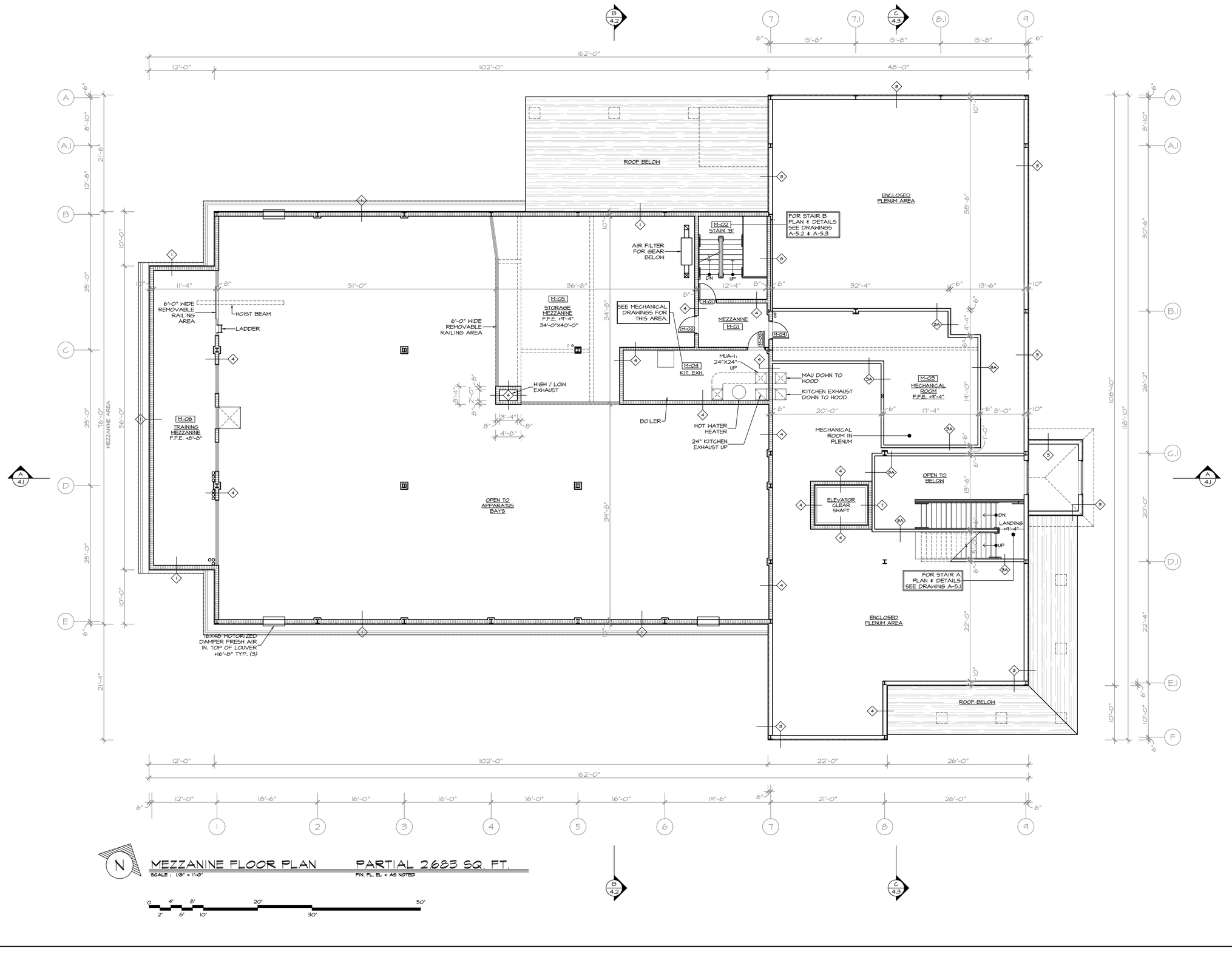
FIRST FLOOR PLAN

PROJECT No. 2501

CHECKED BY:

DRAWING:

A-1.1



MEZZANINE FLOOR PLAN PARTIAL 2683 SQ. FT.

SCALE : 1/8" = 1'-0" FIN. FL. EL = AS NOTED

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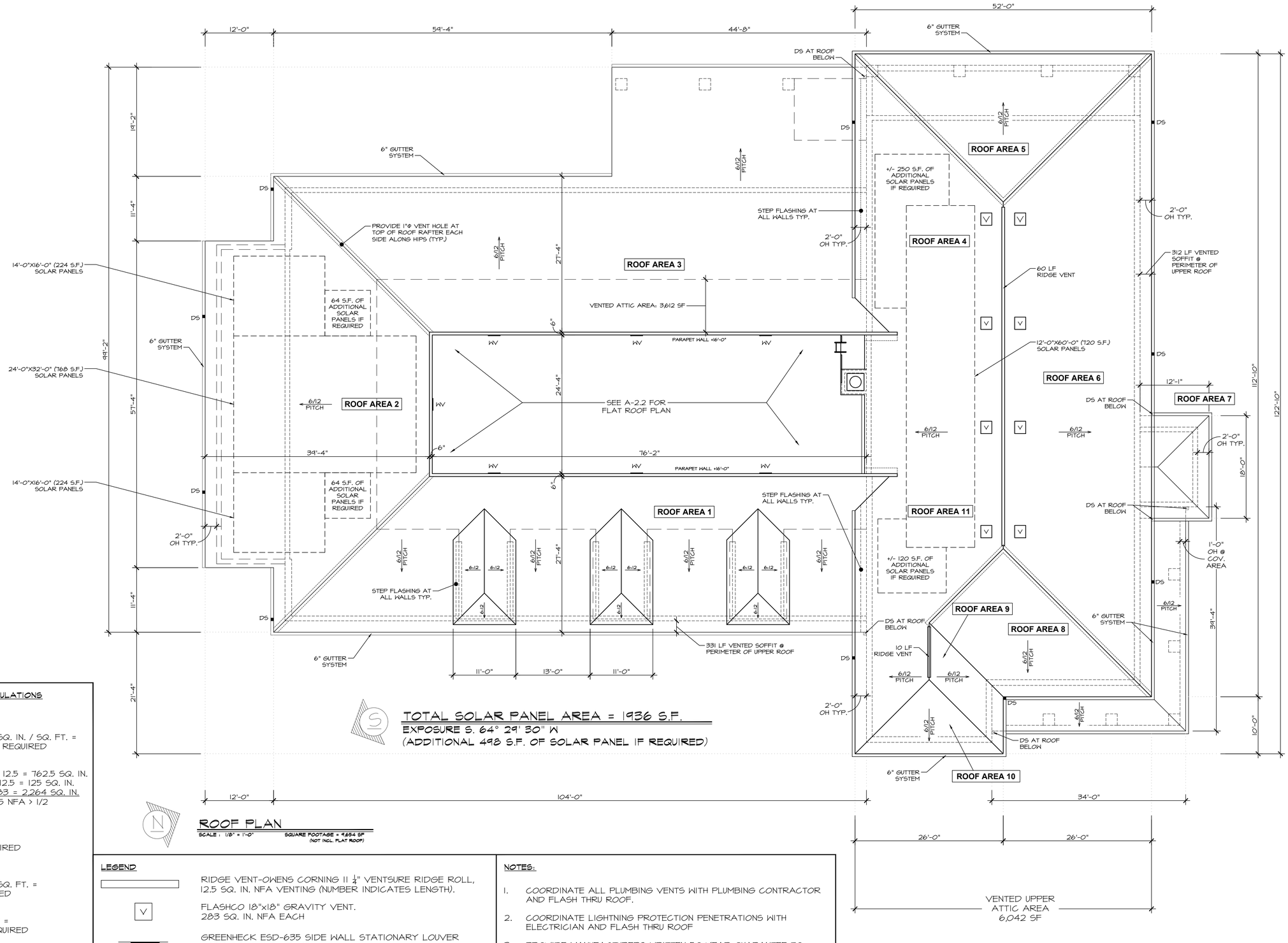
MEZZANINE FLOOR PLAN

PROJECT No. 2501

CHECKED BY:

DRAWING:

A-1.2



TOTAL SOLAR PANEL AREA = 1936 S.F.

EXPOSURE S. 64° 29' 30" W
(ADDITIONAL 498 S.F. OF SOLAR PANEL IF REQUIRED)

ROOF PLAN

SCALE : 1/8" = 1'-0" SQUARE FOOTAGE = 9654 SF (NOT INCL. FLAT ROOF)

ROOF VENTING CALCULATIONS
(CLIMATE ZONE 6):

MAIN ROOF 1
6,042 SQ. FT. / 150 =
40.28 SQ. FT. x 144 SQ. IN. / SQ. FT. =
5,800.32 SQ. IN. NFA REQUIRED

UPPER VENTING:
61 LF RIDGE VENT x 12.5 = 762.5 SQ. IN.
10 LF RIDGE VENT x 12.5 = 125 SQ. IN.
(8) ROOF VENTS x 283 = 2,264 SQ. IN.
TOTAL UPPER = 3,151.5 NFA > 1/2 REQUIRED

LOWER VENTING:
614 SQ. FT. x 6.48 =
3,978 NFA > 1/2 REQUIRED

MAIN ROOF 2
3,612 SQ. FT. / 150 =
24.08 SQ. FT. x 144 SQ. FT. =
3,467.52 NFA REQUIRED

UPPER VENTING:
6 WALL VENTS x 339 =
1,872 SQ. IN. > 1/2 REQUIRED

LOWER VENTING:
600 SQ. FT. x 6.48 =
3,888 NFA > 1/2 REQUIRED

LEGEND

RIDGE VENT-OWENS CORNING 11 ¼" VENTSURE RIDGE ROLL, 12.5 SQ. IN. NFA VENTING (NUMBER INDICATES LENGTH).

V — FLASHCO 18"x18" GRAVITY VENT. 283 SQ. IN. NFA EACH

WV — GREENHECK ESD-635 SIDE WALL STATIONARY LOUVER - 339 SQ. IN. NFA EACH

SOFFIT VENTING PANELS: HARDI PLANK VENTED PLUS 24" - 12.5 SQ. IN. NFA/LF

NOTES:

1. COORDINATE ALL PLUMBING VENTS WITH PLUMBING CONTRACTOR AND FLASH THRU ROOF.
2. COORDINATE LIGHTNING PROTECTION PENETRATIONS WITH ELECTRICIAN AND FLASH THRU ROOF
3. PROVIDE MANUFACTURERS WRITTEN 50 YEAR GUARANTEE TO OWNER.

DATE	ISSUED
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SEAL

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ARCHITECTS - PLANNERS
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PROPOSED NEW FACILITY
ELLENVILLE FIRE DISTRICT
203 S. MAIN ST. NYS ROUTE 209
ELLENVILLE, NY 12428

ROOF PLAN
BASE BID - SHINGLE ROOF

PROJECT No. 2501

CHECKED BY:

DRAWING:

A-2.1

ROOF STORM DRAINAGE CALCULATIONS
(NYSPC SECTION 1106):

GPM EQUATION PER SECTION 1106.2.1
GPM = R(ainfall max) x A(rea) x 0.0104

ROOF DRAIN AREA 1
2,477 SF x 2.736" x 0.0104 = 70.48 GPM / 1 DOWNSPOUTS = 70.48 GPM

VERTICAL LEADER SIZING (NYSPC 1006.3)
PROPOSED SIZE: 4"Φ = 192 GPM > 70.48 GPM (OK)

HORIZONTAL GUTTER SIZING (NYSPC 1006.6)
PROPOSED SIZE: 6"x7" @ 1/8"/ft = 110 GPM > 70.48 GPM (OK)

ROOF DRAIN AREA 2
2,128 SF x 2.736" x 0.0104 = 60.55 GPM / 4 DOWNSPOUTS = 15.13 GPM

VERTICAL LEADER SIZING (NYSPC 1006.3)
PROPOSED SIZE: 4"Φ = 192 GPM > 15.13 GPM (OK)

HORIZONTAL GUTTER SIZING (NYSPC 1006.6)
PROPOSED SIZE: 6"x7" @ 1/8"/ft = 110 GPM > 15.13 GPM (OK)

ROOF DRAIN AREA 3
3,333 SF x 2.736"x 0.0104 = 94.83 GPM / 2 DOWNSPOUTS = 47.41 GPM

VERTICAL LEADER SIZING (NYSPC 1006.3)
PROPOSED SIZE: 4"Φ = 192 GPM > 47.41 GPM (OK)

HORIZONTAL GUTTER SIZING (NYSPC 1006.6)
PROPOSED SIZE: 6"x7" @ 1/8"/ft = 110 GPM > 47.41 GPM (OK)

ROOF DRAIN AREA 4
1,219 SF x 2.736"x 0.0104 = 34.68 GPM / 1 DOWNSPOUTS = 34.68 GPM

VERTICAL LEADER SIZING (NYSPC 1006.3)
PROPOSED SIZE: 4"Φ = 192 GPM > 34.68 GPM (OK)

HORIZONTAL GUTTER SIZING (NYSPC 1006.6)
PROPOSED SIZE: 6"x7" @ 1/8"/ft = 110 GPM > 34.68 GPM (OK)

ROOF DRAIN AREA 5
676 SF x 2.736"x 0.0104 = 19.23 GPM / 1 DOWNSPOUTS = 19.23 GPM

VERTICAL LEADER SIZING (NYSPC 1006.3)
PROPOSED SIZE: 4"Φ = 192 GPM > 19.23 GPM (OK)

HORIZONTAL GUTTER SIZING (NYSPC 1006.6)
PROPOSED SIZE: 6"x7" @ 1/8"/ft = 110 GPM > 19.23 GPM (OK)

ROOF DRAIN AREA 6
2,257 SF x 2.736"x 0.0104 = 64.22 GPM / 3 DOWNSPOUTS = 21.40 GPM

VERTICAL LEADER SIZING (NYSPC 1006.3)
PROPOSED SIZE: 4"Φ = 192 GPM > 21.40 GPM (OK)

HORIZONTAL GUTTER SIZING (NYSPC 1006.6)
PROPOSED SIZE: 6"x7" @ 1/8"/ft = 110 GPM > 21.40 GPM (OK)

ROOF DRAIN AREA 7
217 SF x 2.736" x 0.0104 = 6.17 GPM / 2 DOWNSPOUTS = 3.08 GPM

VERTICAL LEADER SIZING (NYSPC 1006.3)
PROPOSED SIZE: 4"Φ = 192 GPM > 3.08 GPM (OK)

HORIZONTAL GUTTER SIZING (NYSPC 1006.6)
PROPOSED SIZE: 6"x7" @ 1/8"/ft = 110 GPM > 3.08 GPM (OK)

ROOF DRAIN AREA 8
507 SF x 2.736" x 0.0104 = 14.42 GPM / 1 DOWNSPOUTS = 14.42 GPM

VERTICAL LEADER SIZING (NYSPC 1006.3)
PROPOSED SIZE: 4"Φ = 192 GPM > 14.42 GPM (OK)

HORIZONTAL GUTTER SIZING (NYSPC 1006.6)
PROPOSED SIZE: 6"x7" @ 1/8"/ft = 110 GPM > 14.42 GPM (OK)

ROOF DRAIN AREA 9
130 SF x 2.736"x 0.0104 = 3.69 GPM / 1 DOWNSPOUTS = 3.66 GPM

VERTICAL LEADER SIZING (NYSPC 1006.3)
PROPOSED SIZE: 4"Φ = 192 GPM > 3.66 GPM (OK)

HORIZONTAL GUTTER SIZING (NYSPC 1006.6)
PROPOSED SIZE: 6"x7" @ 1/8"/ft = 110 GPM > 3.66 GPM (OK)

ROOF DRAIN AREA 10
169 SF x 2.736"x 0.0104 = 4.80 GPM / 1 DOWNSPOUTS = 4.80 GPM
21.73 GPM / 2 DOWNSPOUTS = 10.86 GPM

VERTICAL LEADER SIZING (NYSPC 1006.3)
PROPOSED SIZE: 4"Φ = 192 GPM > 4.80 GPM (OK)

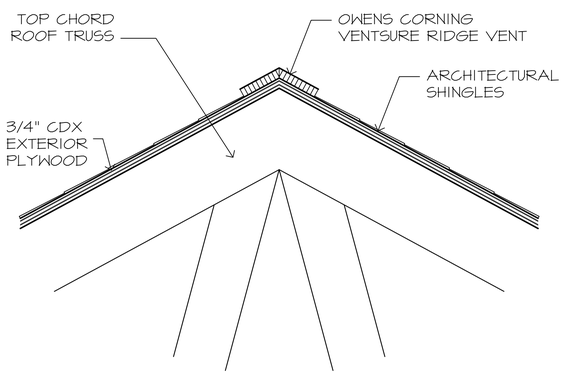
HORIZONTAL GUTTER SIZING (NYSPC 1006.6)
PROPOSED SIZE: 6"x7" @ 1/8"/ft = 110 GPM > .86 GPM (OK)

ROOF DRAIN AREA 11
1084.6 SF x 2.736"x 0.0104 = 30.86 GPM / 1 DOWNSPOUTS = 30.86 GPM

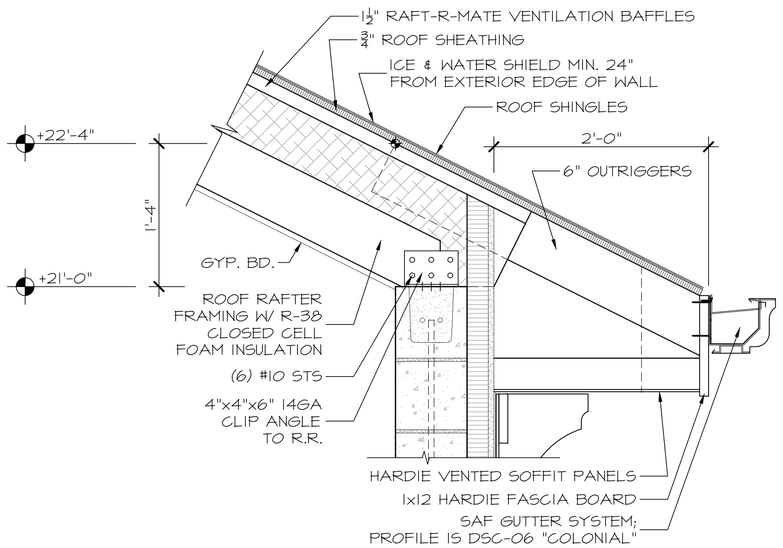
VERTICAL LEADER SIZING (NYSPC 1006.3)
PROPOSED SIZE: 4"Φ = 192 GPM > 30.86 GPM (OK)

HORIZONTAL GUTTER SIZING (NYSPC 1006.6)
PROPOSED SIZE: 6"x7" @ 1/8"/ft = 110 GPM > 30.86 GPM (OK)

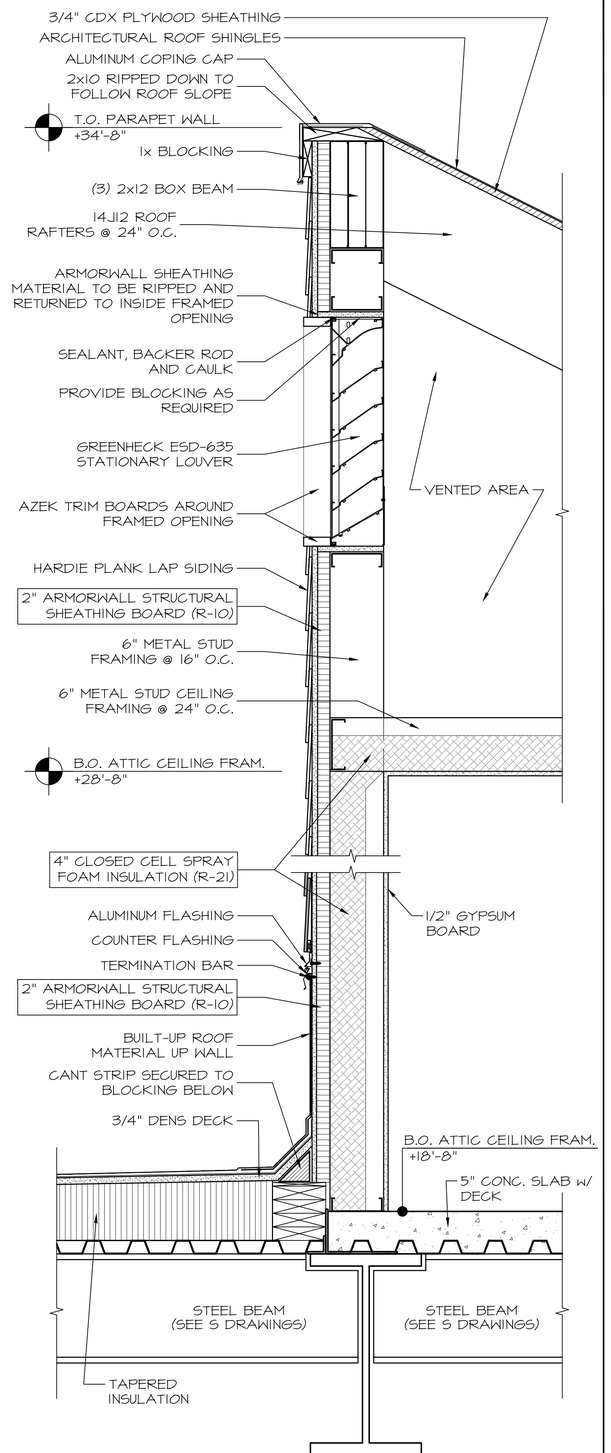
SHINGLE ROOF - SPECIFICATIONS & DETAILS	
SHEATHING	3/4" TONGUE & GROOVE FIRE-RATED CDX PLYWOOD SHEATHING
UNDERLAYMENT	GAF "DECK-ARMOR" ROOFING MEMBRANE
ICE & WATER SHIELD	GAF "WEATHER-WATCH" BARRIER. INSTALLED AT ALL ROOF PERIMETERS & VALLEYS/TRANSITIONS
SHINGLE	GAF "TIMBERLINE" HDZ SERIES SHINGLE COLOR: CHARCOAL (CONFIRM WITH OWNER), INSTALLED WITH CORRESPONDING GAF APPROVED ROOFING NAILS. COORDINATE WITH GAF FOR REQUIRED RIDGE VENTS.



TYPICAL RIDGE DETAIL
SCALE : 1-1/2" = 1'-0"



TYPICAL EAVE DETAIL
SCALE : 1-1/2" = 1'-0"



PARAPET WALL DETAIL
SCALE : 1-1/2" = 1'-0"

DATE	ISSUED
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SEAL

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PROPOSED NEW FACILITY
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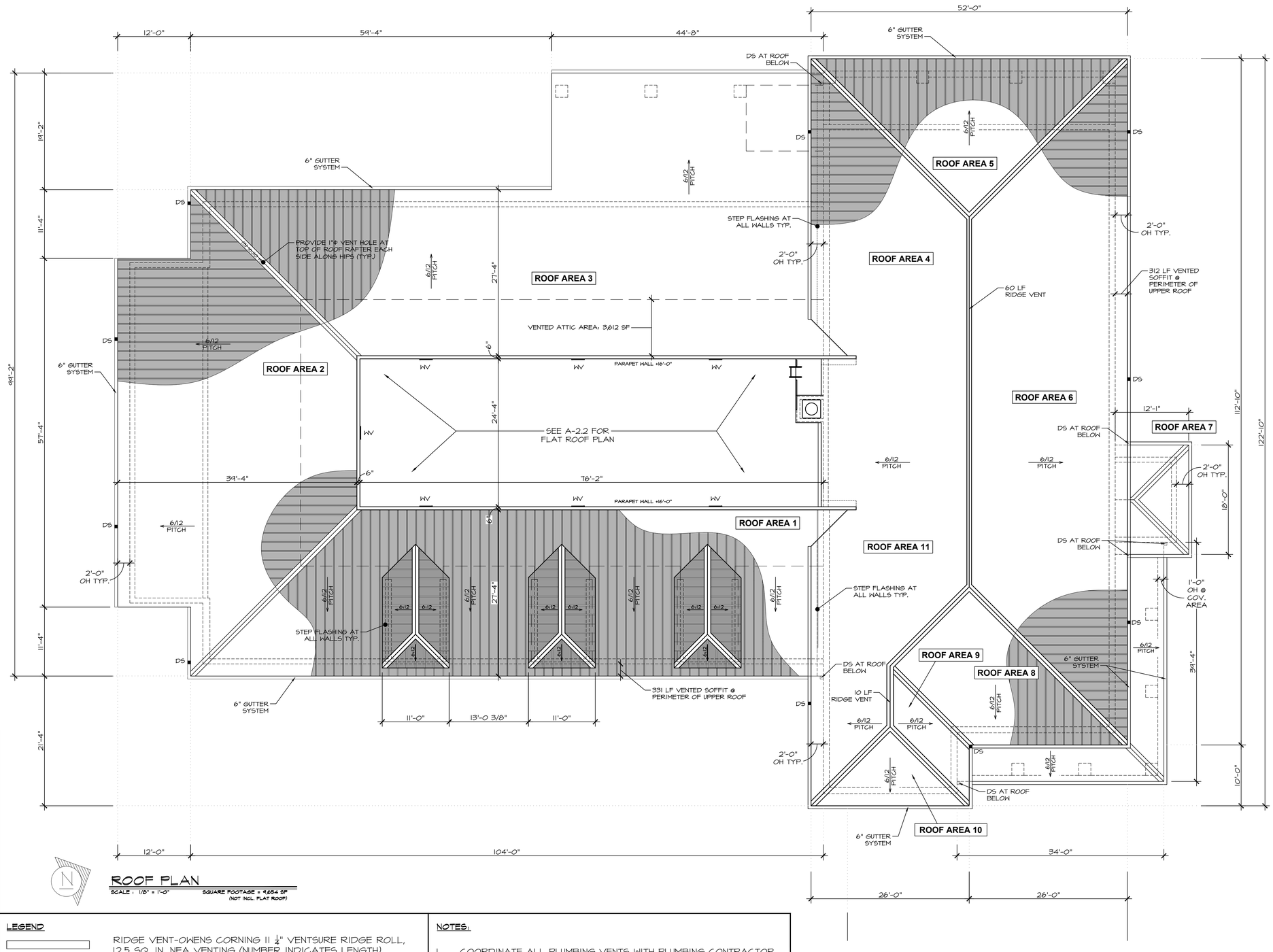
FLAT ROOF PLAN

PROJECT No. 2501

CHECKED BY:

DRAWING:

A-2.2



ROOF PLAN

SCALE: 1/8" = 1'-0" SQUARE FOOTAGE = 9,654 SF (NOT INCL. FLAT ROOF)

ROOF VENTING CALCULATIONS
(CLIMATE ZONE 6):

MAIN ROOF 1
6,042 SQ. FT. / 150 =
40.28 SQ. FT. x 144 SQ. IN. / SQ. FT. =
5,800.32 SQ. IN. NFA REQUIRED

UPPER VENTING:
61 LF RIDGE VENT x 12.5 = 762.5 SQ. IN.
10 LF RIDGE VENT x 12.5 = 125 SQ. IN.
(8) ROOF VENTS x 283 = 2,264 SQ. IN.
TOTAL UPPER = 3,151.5 NFA > 1/2 REQUIRED

LOWER VENTING:
614 SQ. FT. x 6.48 =
3,978 NFA > 1/2 REQUIRED

MAIN ROOF 2
3,612 SQ. FT. / 150 =
24.08 SQ. FT. x 144 SQ. FT. =
3,467.52 NFA REQUIRED

UPPER VENTING:
6 WALL VENTS x 312 =
1,872 SQ. IN. > 1/2 REQUIRED

LOWER VENTING:
600 SQ. FT. x 6.48 =
3,888 NFA > 1/2 REQUIRED

LEGEND

RIDGE VENT-OWENS CORNING 11 ¼" VENTSURE RIDGE ROLL, 12.5 SQ. IN. NFA VENTING (NUMBER INDICATES LENGTH).

V — FLASHCO 18"x18" GRAVITY VENT. 283 SQ. IN. NFA EACH

WV — GREENHECK ESD-635 SIDE WALL STATIONARY LOUVER - 339 SQ. IN. NFA EACH

SOFFIT VENTING PANELS: HARDI PLANK VENTED PLUS 24" - 12.5 SQ. IN. NFA/LF

NOTES:

1. COORDINATE ALL PLUMBING VENTS WITH PLUMBING CONTRACTOR AND FLASH THRU ROOF.
2. COORDINATE LIGHTNING PROTECTION PENETRATIONS WITH ELECTRICIAN AND FLASH THRU ROOF
3. PROVIDE MANUFACTURERS WRITTEN 50 YEAR GUARANTEE TO OWNER.

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PROPOSED NEW FACILITY
ELLENVILLE FIRE DISTRICT
203 S. MAIN ST. NYS ROUTE 209
ELLENVILLE, NY 12428

ROOF PLAN
ALTERNATE - METAL ROOF

PROJECT No. 2501

CHECKED BY:

DRAWING:

A-2.3

ROOF STORM DRAINAGE CALCULATIONS
(NYSPC SECTION 1106):

GPM EQUATION PER SECTION 1106.2.1
GPM = R(ainfall max) x A(rea) x 0.0104

ROOF DRAIN AREA 1
2,477 SF x 2.736" x 0.0104 = 70.48 GPM / 1 DOWNSPOUTS = 70.48 GPM

VERTICAL LEADER SIZING (NYSPC 1006.3)
PROPOSED SIZE: 4"Φ = 192 GPM > 70.48 GPM (OK)

HORIZONTAL GUTTER SIZING (NYSPC 1006.6)
PROPOSED SIZE: 6"x7" @ 1/8"/ft = 110 GPM > 70.48 GPM (OK)

ROOF DRAIN AREA 2
2,128 SF x 2.736" x 0.0104 = 60.55 GPM / 4 DOWNSPOUTS = 15.13 GPM

VERTICAL LEADER SIZING (NYSPC 1006.3)
PROPOSED SIZE: 4"Φ = 192 GPM > 15.13 GPM (OK)

HORIZONTAL GUTTER SIZING (NYSPC 1006.6)
PROPOSED SIZE: 6"x7" @ 1/8"/ft = 110 GPM > 15.13 GPM (OK)

ROOF DRAIN AREA 3
3,333 SF x 2.736"x 0.0104 = 94.83 GPM / 2 DOWNSPOUTS = 47.41 GPM

VERTICAL LEADER SIZING (NYSPC 1006.3)
PROPOSED SIZE: 4"Φ = 192 GPM > 47.41 GPM (OK)

HORIZONTAL GUTTER SIZING (NYSPC 1006.6)
PROPOSED SIZE: 6"x7" @ 1/8"/ft = 110 GPM > 47.41 GPM (OK)

ROOF DRAIN AREA 4
1,219 SF x 2.736"x 0.0104 = 34.68 GPM / 1 DOWNSPOUTS = 34.68 GPM

VERTICAL LEADER SIZING (NYSPC 1006.3)
PROPOSED SIZE: 4"Φ = 192 GPM > 34.68 GPM (OK)

HORIZONTAL GUTTER SIZING (NYSPC 1006.6)
PROPOSED SIZE: 6"x7" @ 1/8"/ft = 110 GPM > 34.68 GPM (OK)

ROOF DRAIN AREA 5
676 SF x 2.736"x 0.0104 = 19.23 GPM / 1 DOWNSPOUTS = 19.23 GPM

VERTICAL LEADER SIZING (NYSPC 1006.3)
PROPOSED SIZE: 4"Φ = 192 GPM > 19.23 GPM (OK)

HORIZONTAL GUTTER SIZING (NYSPC 1006.6)
PROPOSED SIZE: 6"x7" @ 1/8"/ft = 110 GPM > 19.23 GPM (OK)

ROOF DRAIN AREA 6
2,257 SF x 2.736"x 0.0104 = 64.22 GPM / 3 DOWNSPOUTS = 21.40 GPM

VERTICAL LEADER SIZING (NYSPC 1006.3)
PROPOSED SIZE: 4"Φ = 192 GPM > 21.40 GPM (OK)

HORIZONTAL GUTTER SIZING (NYSPC 1006.6)
PROPOSED SIZE: 6"x7" @ 1/8"/ft = 110 GPM > 21.40 GPM (OK)

ROOF DRAIN AREA 7
217 SF x 2.736" x 0.0104 = 6.17 GPM / 2 DOWNSPOUTS = 3.08 GPM

VERTICAL LEADER SIZING (NYSPC 1006.3)
PROPOSED SIZE: 4"Φ = 192 GPM > 3.08 GPM (OK)

HORIZONTAL GUTTER SIZING (NYSPC 1006.6)
PROPOSED SIZE: 6"x7" @ 1/8"/ft = 110 GPM > 3.08 GPM (OK)

ROOF DRAIN AREA 8
507 SF x 2.736" x 0.0104 = 14.42 GPM / 1 DOWNSPOUTS = 14.42 GPM

VERTICAL LEADER SIZING (NYSPC 1006.3)
PROPOSED SIZE: 4"Φ = 192 GPM > 14.42 GPM (OK)

HORIZONTAL GUTTER SIZING (NYSPC 1006.6)
PROPOSED SIZE: 6"x7" @ 1/8"/ft = 110 GPM > 14.42 GPM (OK)

ROOF DRAIN AREA 9
130 SF x 2.736"x 0.0104 = 3.69 GPM / 1 DOWNSPOUTS = 3.66 GPM

VERTICAL LEADER SIZING (NYSPC 1006.3)
PROPOSED SIZE: 4"Φ = 192 GPM > 3.66 GPM (OK)

HORIZONTAL GUTTER SIZING (NYSPC 1006.6)
PROPOSED SIZE: 6"x7" @ 1/8"/ft = 110 GPM > 3.66 GPM (OK)

ROOF DRAIN AREA 10
169 SF x 2.736"x 0.0104 = 4.80 GPM / 1 DOWNSPOUTS = 4.80 GPM
21.73 GPM / 2 DOWNSPOUTS = 10.86 GPM

VERTICAL LEADER SIZING (NYSPC 1006.3)
PROPOSED SIZE: 4"Φ = 192 GPM > 4.80 GPM (OK)

HORIZONTAL GUTTER SIZING (NYSPC 1006.6)
PROPOSED SIZE: 6"x7" @ 1/8"/ft = 110 GPM > .86 GPM (OK)

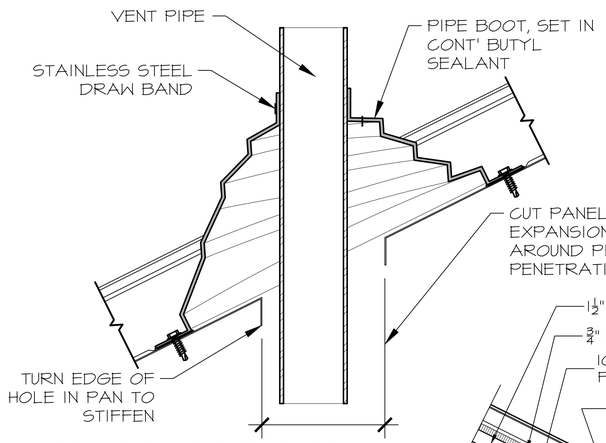
ROOF DRAIN AREA 11
1084.6 SF x 2.736"x 0.0104 = 30.86 GPM / 1 DOWNSPOUTS = 30.86 GPM

VERTICAL LEADER SIZING (NYSPC 1006.3)
PROPOSED SIZE: 4"Φ = 192 GPM > 30.86 GPM (OK)

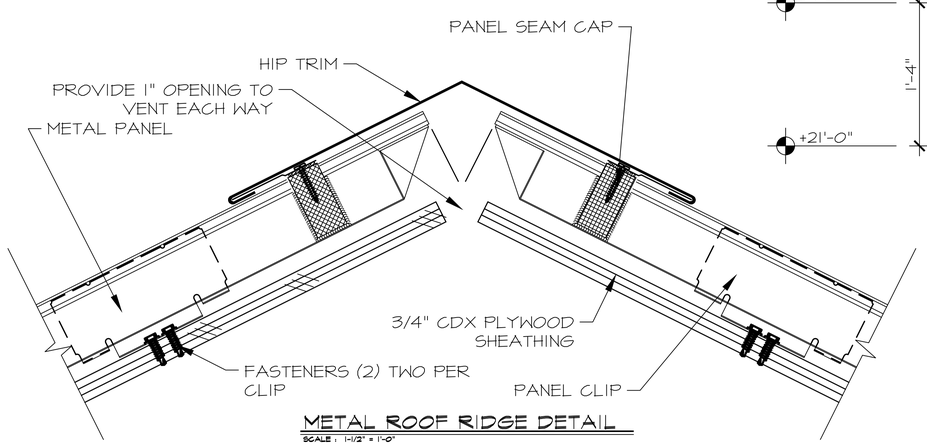
HORIZONTAL GUTTER SIZING (NYSPC 1006.6)
PROPOSED SIZE: 6"x7" @ 1/8"/ft = 110 GPM > 30.86 GPM (OK)

METAL ROOF - SPECIFICATIONS & DETAILS

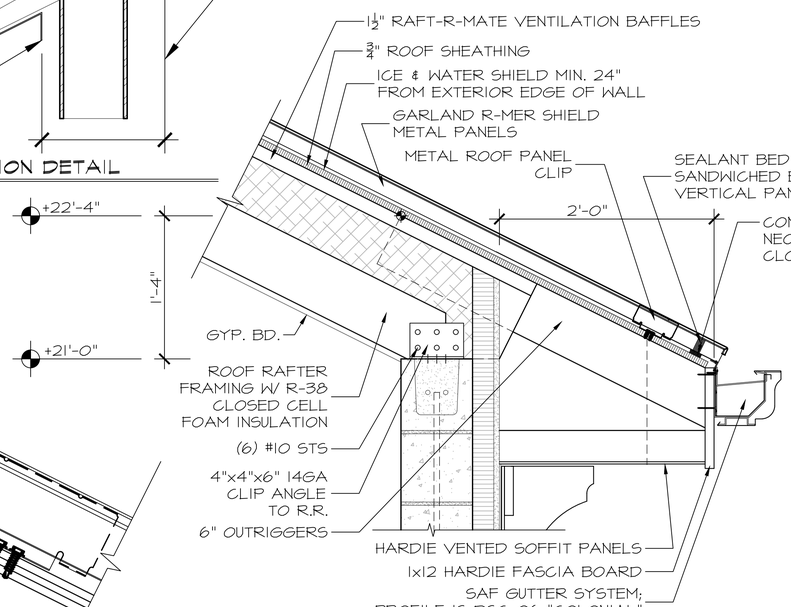
SHEATHING	5/8" TONGUE & GROOVE FIRE-RATED CDX PLYWOOD SHEATHING
UNDERLAYMENT	GAF "DECK-ARMOR" ROOFING MEMBRANE
ICE & WATER SHIELD	GAF "WEATHER-WATCH" BARRIER. INSTALLED AT ALL ROOF PERIMETERS & VALLEYS/TRANSITIONS
METAL PANELS	GARLAND R-MER SHIELD METAL ROOF SYSTEM COLOR: TO BE SELECTED BY OWNER 12.75" WIDE, 0.040" ALUMINUM PANELS



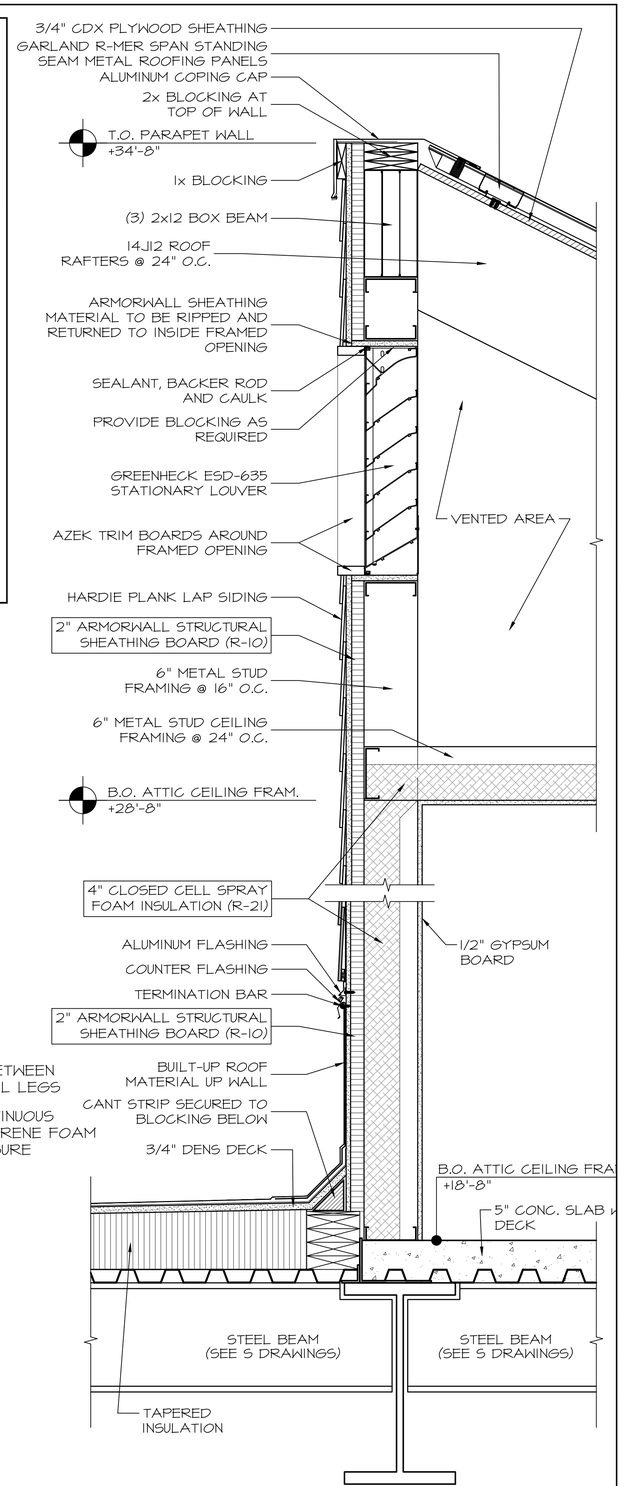
VENT PENETRATION DETAIL
SCALE: 1-1/2" = 1'-0"



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



TYPICAL EAVE DETAIL
SCALE: 1-1/2" = 1'-0"



PARAPET WALL DETAIL
SCALE: 1-1/2" = 1'-0"

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ELLENVILLE, NY 12428

METAL ROOF DETAILS

PROJECT No. 2501

CHECKED BY:

DRAWING:

A-2.4

FLAT ROOF STORM DRAINAGE CALCULATIONS
(NYSPC SECTION 1106):

GPM EQUATION PER SECTION 1106.2.1
GPM = R(ainfall max) x A(rea) x 0.0104

ROOF DRAIN AREA 1-F
464 SF x 2.75" x 0.0104 = 13.27 GPM

STORM DRAIN PIPE SIZING (NYSPC 1006.2)
PROPOSED 3"Φ PIPE @ 1/2"/ft SLOPE = 111 GPM > 13.27 GPM (OK)

ROOF DRAIN AREA 2-F
464 SF x 2.75" x 0.0104 = 13.27 GPM

STORM DRAIN PIPE SIZING (NYSPC 1006.2)
PROPOSED 3"Φ PIPE @ 1/2"/ft SLOPE = 111 GPM > 13.27 GPM (OK)

ROOF DRAIN AREA 3-F
464 SF x 2.75"x 0.0104 = 13.27 GPM

STORM DRAIN PIPE SIZING (NYSPC 1006.2)
PROPOSED 3"Φ PIPE @ 1/2"/ft SLOPE = 111 GPM > 13.27 GPM (OK)

ROOF DRAIN AREA 4-F
464 SF x 2.75"x 0.0104 = 13.27 GPM

STORM DRAIN PIPE SIZING (NYSPC 1006.2)
PROPOSED 3"Φ PIPE @ 1/2"/ft SLOPE = 111 GPM > 13.01 GPM (OK)

FLAT ROOF STORM DRAINAGE (OVERFLOW) CALCULATIONS
(NYSPC SECTION 1106):

GPM EQUATION PER SECTION 1106.2.1
GPM = R(ainfall max) x A(rea) x 0.0104

ROOF DRAIN AREA 1-F
464 SF x 2.75" x 0.0104 = 13.27 GPM

STORM DRAIN PIPE SIZING (NYSPC 1006.2)
PROPOSED 3"Φ PIPE @ 1/2"/ft SLOPE = 111 GPM > 13.27 GPM (OK)

ROOF DRAIN AREA 2-F
464 SF x 2.75" x 0.0104 = 13.27 GPM

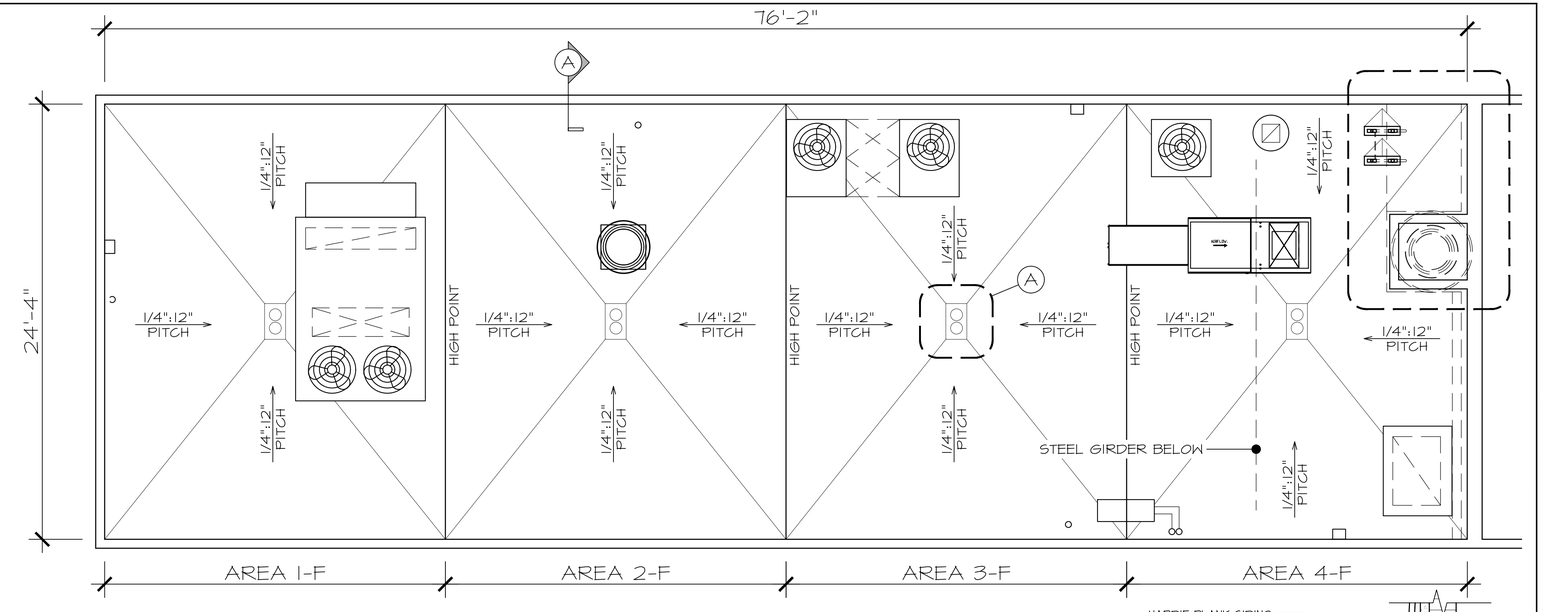
STORM DRAIN PIPE SIZING (NYSPC 1006.2)
PROPOSED 3"Φ PIPE @ 1/2"/ft SLOPE = 111 GPM > 13.27 GPM (OK)

ROOF DRAIN AREA 3-F
464 SF x 2.75"x 0.0104 = 13.27 GPM

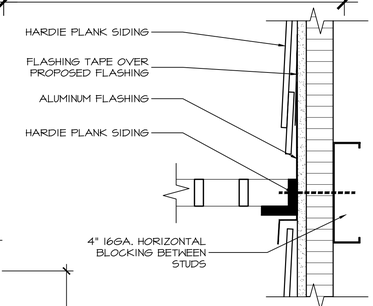
STORM DRAIN PIPE SIZING (NYSPC 1006.2)
PROPOSED 3"Φ PIPE @ 1/2"/ft SLOPE = 111 GPM > 13.27 GPM (OK)

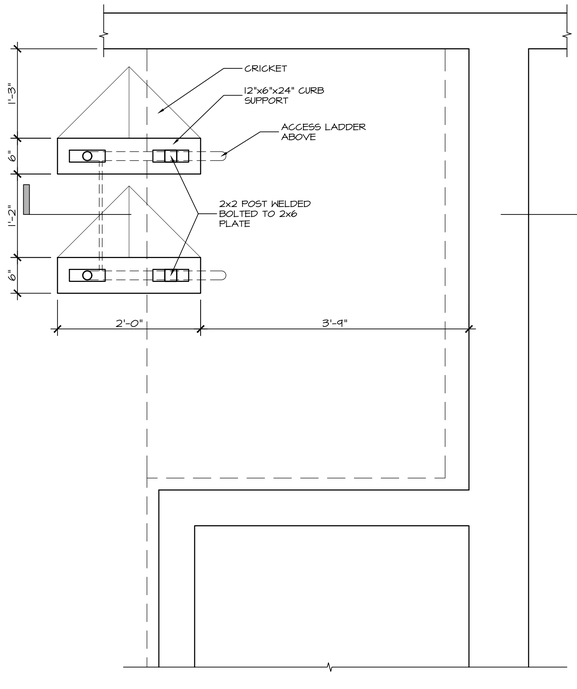
ROOF DRAIN AREA 4-F
464 SF x 2.75"x 0.0104 = 13.27 GPM

STORM DRAIN PIPE SIZING (NYSPC 1006.2)
PROPOSED 3"Φ PIPE @ 1/2"/ft SLOPE = 111 GPM > 13.01 GPM (OK)

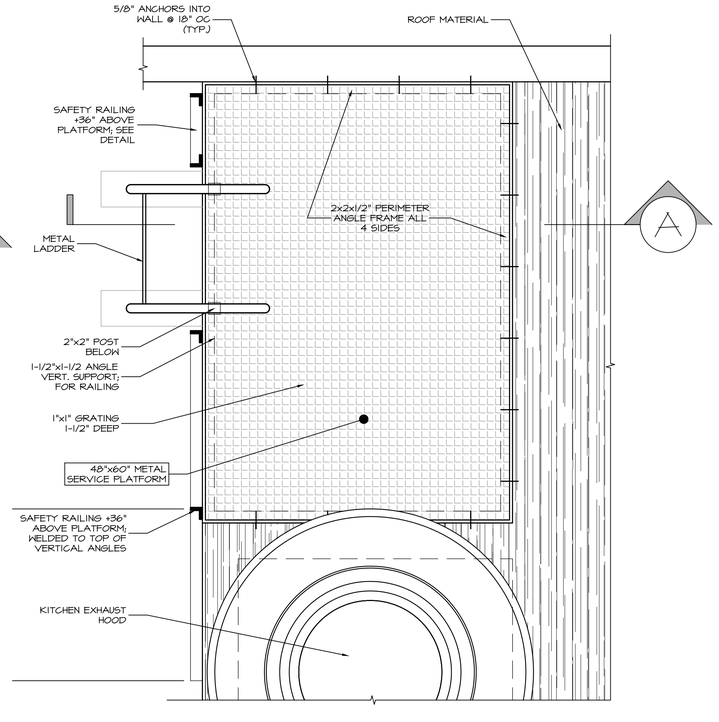


FLAT ROOF PLAN
SCALE : 1/4" = 1'-0" SQUARE FOOTAGE = 1,855 SF

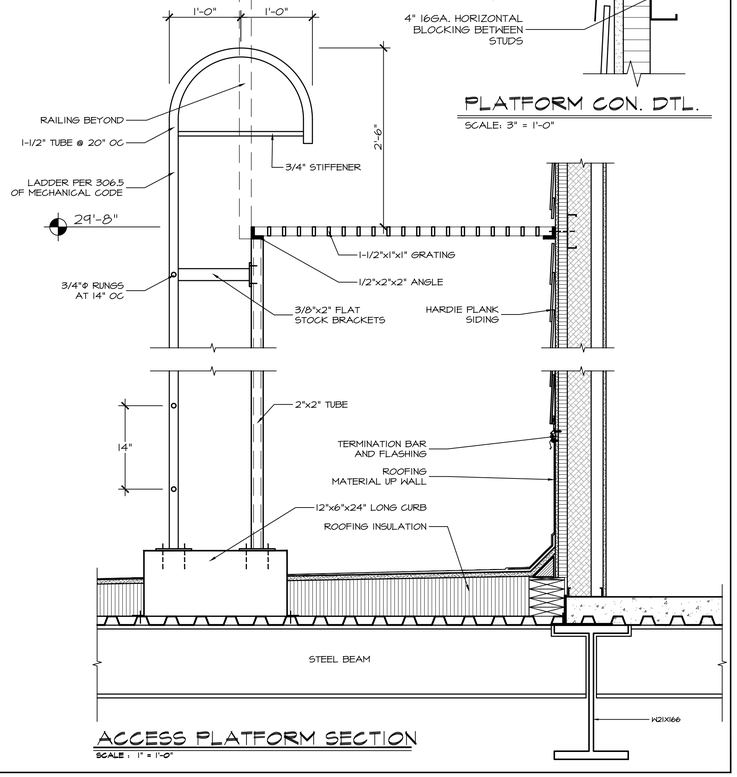




ACCESS PLATFORM SUPPORT PLAN
SCALE : 1" = 1'-0"



ACCESS PLATFORM PLAN
SCALE : 1" = 1'-0"



PLATFORM CON. DTL.
SCALE: 3" = 1'-0"

ACCESS PLATFORM SECTION
SCALE : 1" = 1'-0"

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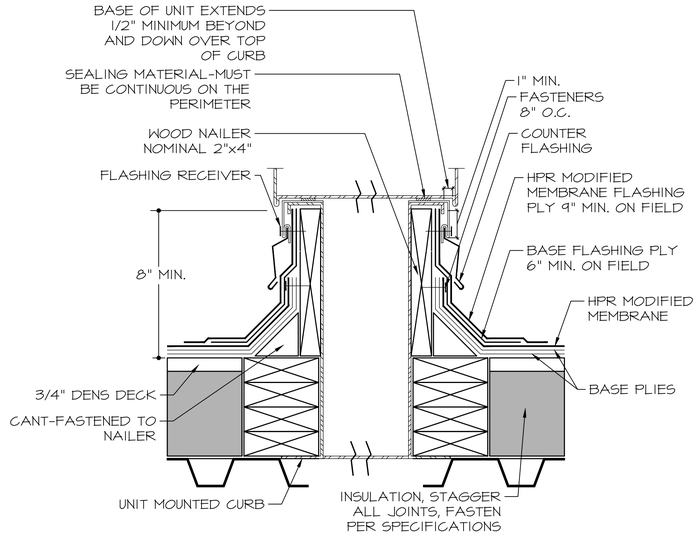
FLAT ROOF PLAN

PROJECT No. 2501

CHECKED BY:

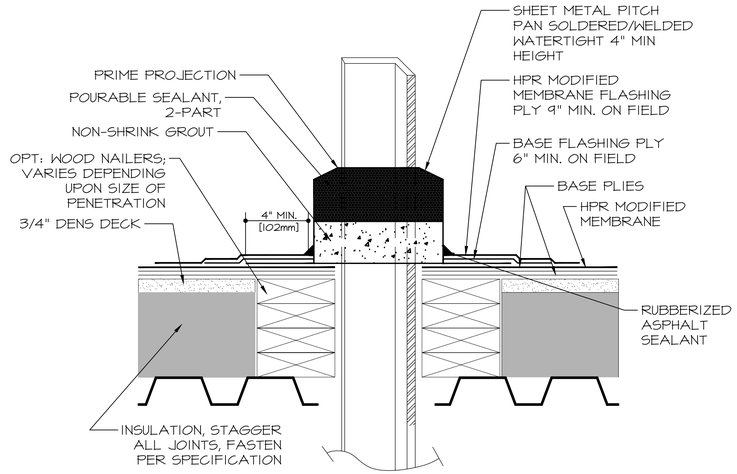
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A-2.5



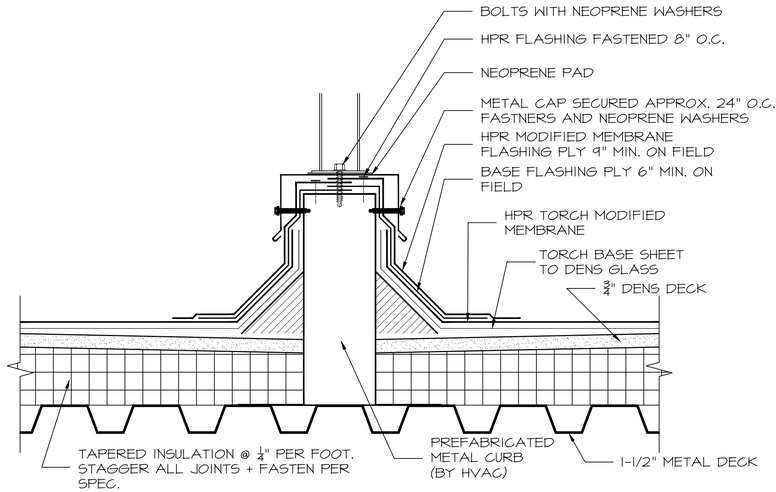
EQUIPMEN CURB DETAIL

SCALE : 3" = 1'-0"



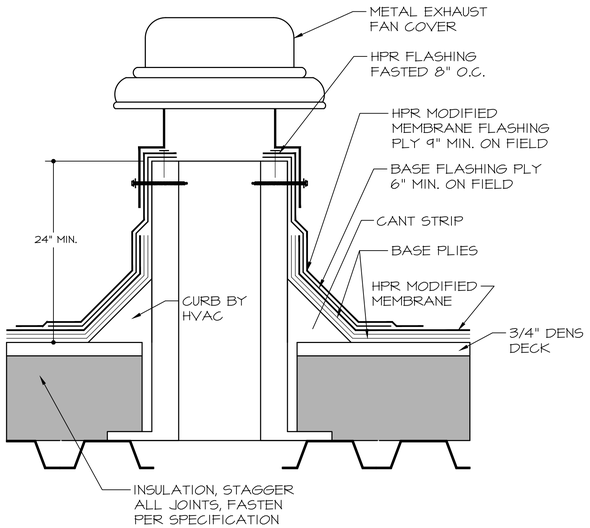
PITCH POCKET DETAIL

SCALE : 3" = 1'-0"



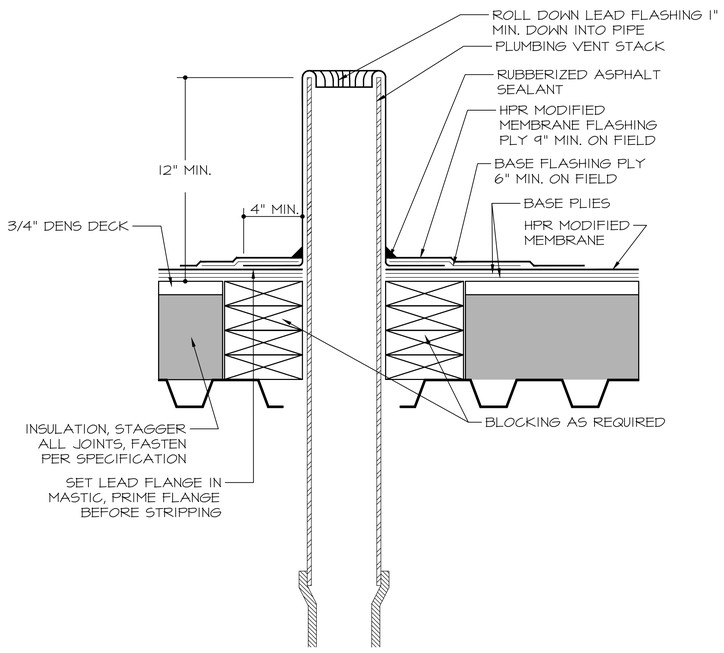
EQUIPMNET SUPPORT DETAIL

SCALE : 3" = 1'-0"



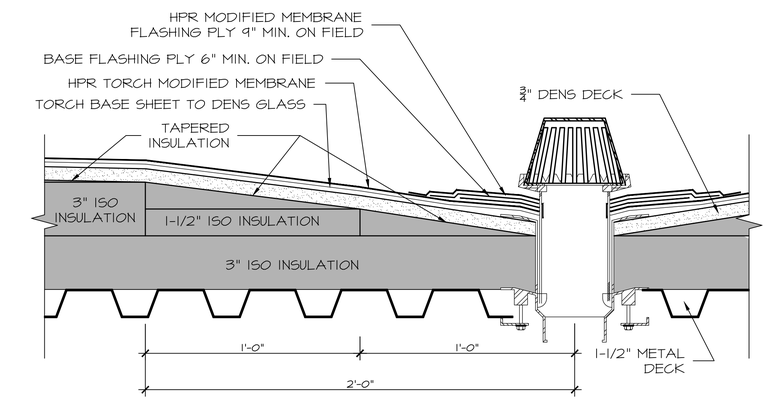
EXHAUST VENT DETAIL

SCALE : 3" = 1'-0"



WASTE VENT DETAIL

SCALE : 3" = 1'-0"



FLAT ROOF DRAIN DETAIL

SCALE : 3" = 1'-0"

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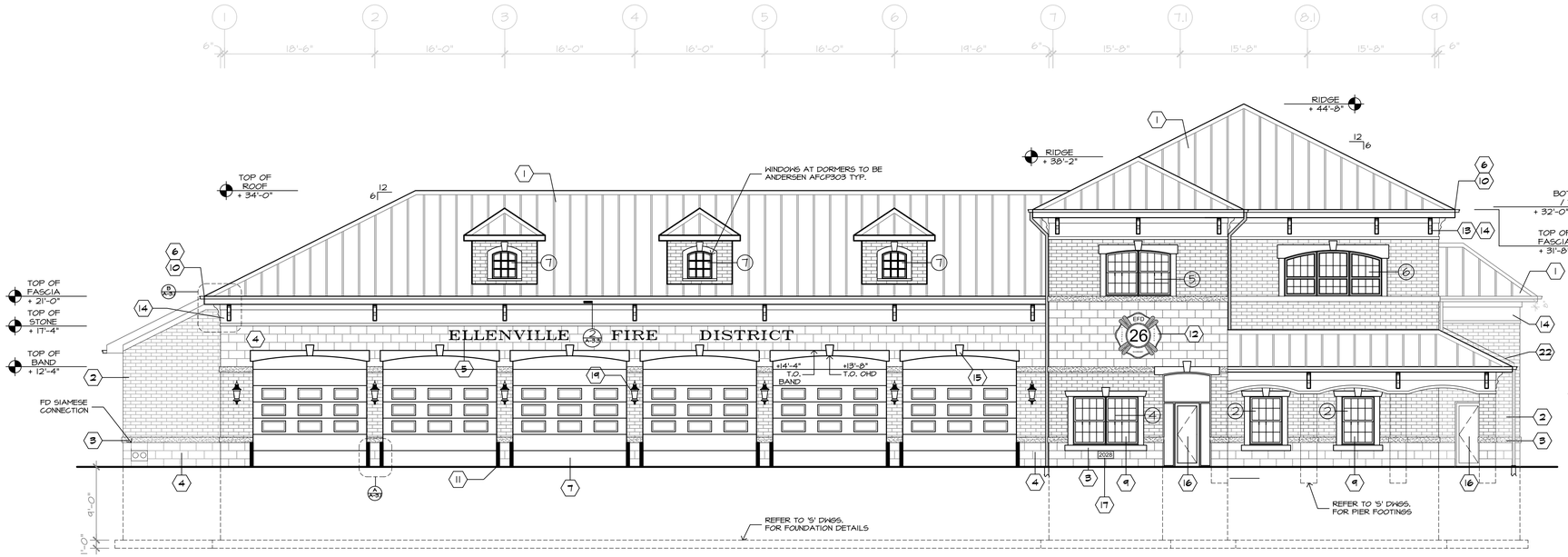
FLAT ROOF DETAILS

PROJECT No. 2501

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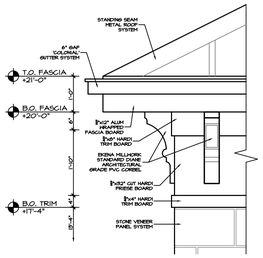
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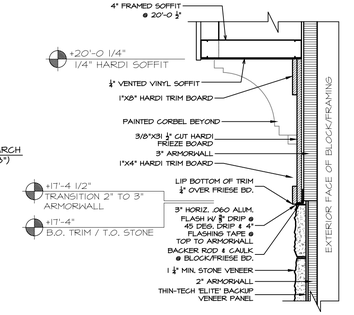
PROPOSED EAST ELEVATION

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



B FRIESE BD. DETAIL

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



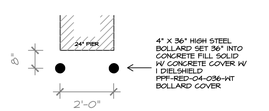
C OHD STONE/FRIESE DETAIL

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



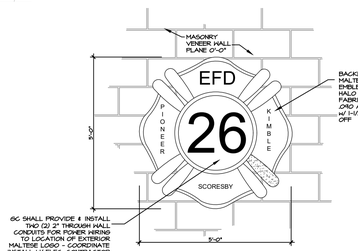
PROPOSED NORTH ELEVATION

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



A BOLLARD DETAIL

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



MALTESE DETAIL

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

EXTERIOR BUILDING LEGEND

1	ALL MAIN/UPPER SLOPED ROOF AREAS SHALL BE PREFABRICATED TRUSS SYSTEM (REFER TO STRUCTURAL DWGS) W/ ½" HOMASOTE NFGR ROOF DECKING & TYVEK PROTEC UNDERLAYMENT FELT AND 'GARLAND R-MER' STANDING SEAM METAL ROOF SYSTEM (COLOR: GRAY) LOW ROOF AREAS SHALL BE 8" MARINO C JOIST @ 16"O.C. W/ ½" HOMASOTE NFGR ROOF DECKING & TYVEK PROTEC UNDERLAYMENT FELT AND 'GARLAND R-MER' STANDING SEAM METAL ROOF SYSTEM (COLOR: GRAY)
2	EXTERIOR BRICK VENEER MASONRY UNITS SHALL BE 4"x4"x12" UTILITY 'GLEN-GERY' BRICK BY KINGS MATERIALS, WIRE CUT, COLOR "FLASHED RED". INCLUDE THIN-TECH 'ELITE' BACKUP VENEER PANEL AS PART OF INSTALL. (KINGS MATERIALS CONTACT - KYLE EVANS (631) 786-4513
3	HORIZONTAL ACCENT BANDS & WINDOW AND DOOR ACCENT BANDS SHALL BE 8"x4"x MAX LENGTH PRECAST 'ROCK CAST' SELECT STONE SMOOTH FINISH W/ CHAMFERED EDGES (OR EQUAL) BY KINGS MATERIALS, COLOR 'BUFFSTONE'. INCLUDE THIN-TECH 'ELITE' BACKUP VENEER PANEL AS PART OF INSTALL. (KINGS MATERIALS CONTACT - KYLE EVANS (631) 786-4513
4	EXTERIOR STONE VENEER TO BE 'ROCK CAST' BY KINGS MATERIALS, W/ ROCK FACE FINISH. (COLOR: SMOKEHOUSE). INCLUDE THIN-TECH 'ELITE' BACKUP VENEER PANEL AS PART OF INSTALL.
5	LETTERING SHALL BE METAL ARTS OR EQUAL (800) 237-8064 CAST METAL LETTERS 18" HIGH x 3/4" DEEP TIMES BO 210 STYLE WITH # 20 ACRYLIC BAKED ENAMEL FINISH. MOUNT WITH PMS-3 ALUMINUM TUBE SPACERS. COLOR: RED.
6	S.A.F 6" 'COLONIAL' GUTTER SYSTEM W/ 4"X4" DOWNSPOUTS. (COLOR: BLACK). REFER TO A-3.1 GUTTER DETAIL.
7	13'-4" X 13'-8" (M.O.) OVERHEAD DOOR BY RAYNOR, MODEL: TM-300 INSULATED DOORS WITH RED FINISH AND (9) 34" X 16" LITES (3@3 SECTIONS) EACH DOOR.
8	NEW H.M. INSULATED DOOR & FRAME. PROVIDE 4" HEAD TO ALIGN WITH MASONRY COURSING. PAINT FINISH, COLOR: BLACK
9	WINDOWS SHALL BE ANDERSEN STORM MATCH SERIES TYPICAL. COLOR: BLACK W/ WHITE INTERIOR. REFER TO DRAWING A-9.3 FOR ADDITIONAL INFORMATION.
10	FASCIA BOARDS SHALL BE PRE-PRIMED 5/4X12 W/ .062 ALUM. WRAP (COLOR: BLACK)
11	4" DIA. X 72"L STEEL BOLLARD SET INTO CONC. 36" W/ HDPE REFLECTIVE SLEEVE COVER. (COLOR: BLACK)
12	6'-0" DIA. CUSTOM DIE-CUT MALTESE CROSS W/ LED HALO BACK LIGHTING BY GEMINI. (COLOR: ALUMINUM)
13	5'H X 9'D X 18'/22'H STANDARD 'DIANE' ARCHITECTURAL GRADE PVC CORBEL BY EKENA MILLWORK. (COLOR: BLACK)
14	HARDI-PLANK 5/4 NT3 SMOOTH FRIESE/TRIM BOARDS. 2'-8" TOTAL HEIGHT, INCL. 8" TOP & 4" BOTTOM TRIM. (COLOR: MIDNIGHT BLACK)
15	CAST STONE ARCHES SHALL BE THE SAME MAKE/MODEL/COLOR AS OTHER PRECAST ACCENT BANDS, W/ CHAMFERED WITH FLARED OUTSIDE EDGE AND CHAMFERED KEYSTONE. REFER TO SHEET A-3.3 FOR ADDITIONAL INFORMATION.
16	ALL EXTERIOR (AND INTERIOR AT VESTIBULES) STOREFRONT DOORS SHALL BE KAWNEER 500T WIDE STILE W/ TRIFAB VG 451T 2"X6" FRAMING TYPICAL W/ #24 BLACK ANODIZED FINISH.
17	16" x 24" x 4" PRECAST CORNERSTONE (DATE: 2028, OR TBD W/ OWNER) COLOR: SAME AS PRECAST BANDS.
18	BRASS THRU WALL OVERFLOW SCUPPER TO BE ZURN Z199 COLOR: BLACK (SIZED AS INDICATED)
19	DECORATIVE LANTERNS BY VISIONAIRE, MODEL 'SANTA-ROSA'. (COLOR: BLACK). REFER TO ELECTRICAL DRAWINGS FOR MOUNTING LOCATIONS/HEIGHTS.
20	WALL PACK LIGHT FIXTURE BY VISIONAIRE. (COLOR: BLACK) REFER TO ELECTRICAL DWGS.
21	MECHANICAL LOUVER. COORDINATE M.O. W/ MECHANICAL CONTRACTOR. REFER TO MECHANICAL DRAWINGS AS NECESSARY. LOUVER PROVIDED BY MECH. INSTALLED BY GC MASON. COLOR: BLACK
22	STRAIGHT LINE FLASHING BEYOND EXTERIOR FINISH.
23	ANDERSEN 400 SERIES CUSTOM ARCH-TOP PICTURE WINDOW UNIT. SIZE: 6'-0"H X 4'-0" H.

NOTES:

1. ALL EXTERIOR MASONRY VENEER /PRECAST SHALL BE FULLY ACID-WASHED AS PART OF CLOSE-OUT AT PROJECTS END.
2. GENERAL CONTRACTOR IS RESPONSIBLE FOR ANY & ALL COORDINATION WITH ALL OTHER PRIME CONTRACTORS FOR EXTERIOR BUILDING, MASONRY & FOUNDATION PENETRATIONS.
3. GENERAL CONTRACTOR SHALL PROVIDE & INSTALL ALL NECESSARY MATERIALS REQUIRED FOR MANUFACTURER INSTALLATION METHOD OF ALL SIDING, TRIM, ETC. INCLUDING BUT NOT LIMITED TO FASTENERS, BLOCKING, FLASHING, ETC...
3. GENERAL CONTRACTOR SHALL PROVIDE & INSTALL ALL NECESSARY MATERIALS REQUIRED FOR MANUFACTURER INSTALLATION METHOD OF ALL EXTERIOR BUILDING MASONRY VENEER. INCLUDING THI-TECH 'ELITE' MASONRY VENEER BACKUP FASTENING PANEL SYSTEM AT ALL VENEER AREAS.
4. GENERAL CONTRACTOR SHALL COORDINATE ALL EXTERIOR OUTLETS IN MASONRY WITH ELECTRICAL CONTRACTOR

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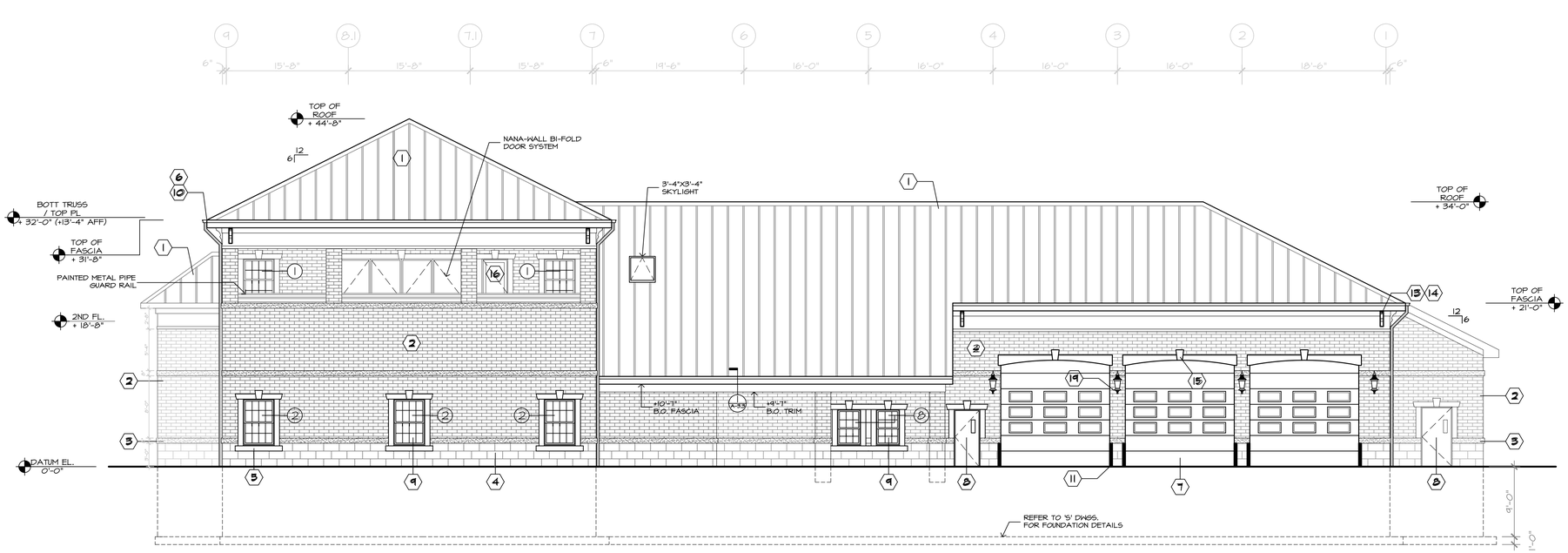
ELEVATIONS & DETAILS

PROJECT No. 2501

CHECKED BY:

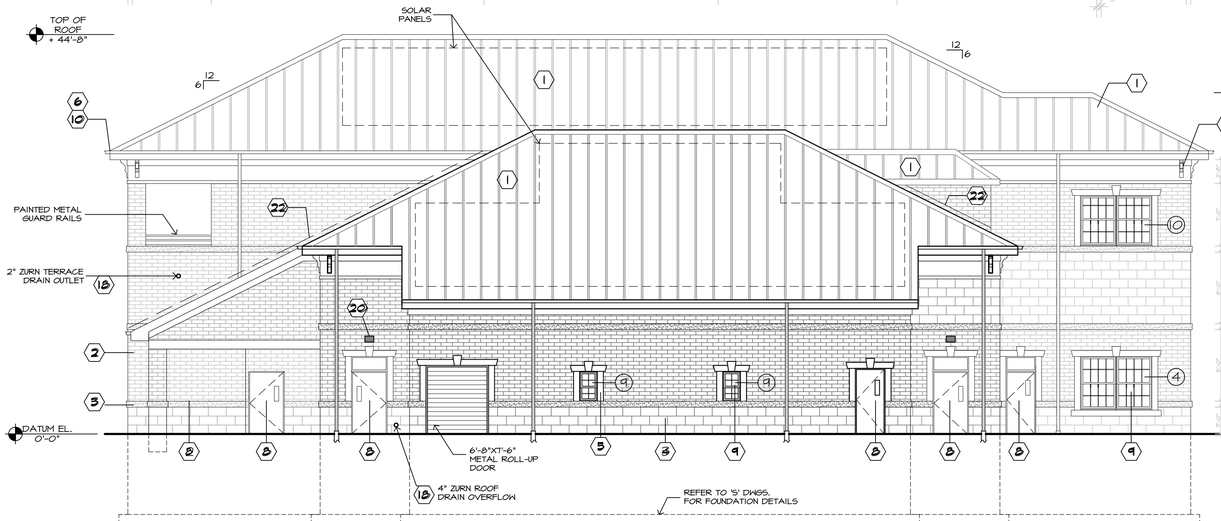
DRAWING:

A-3.1



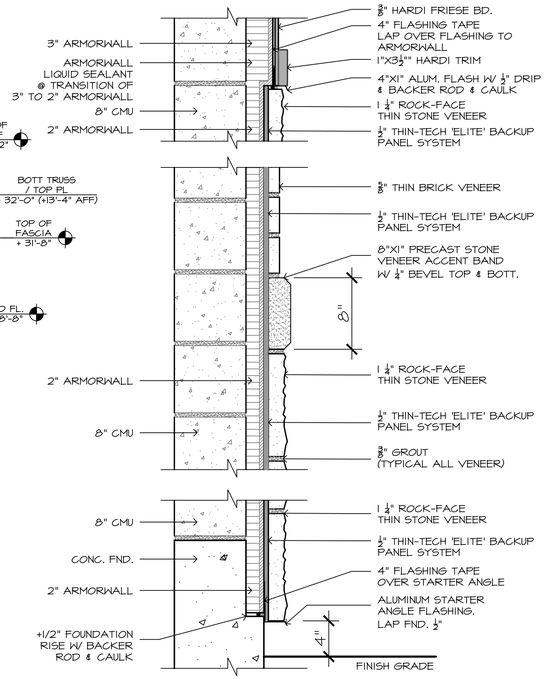
PROPOSED WEST ELEVATION

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



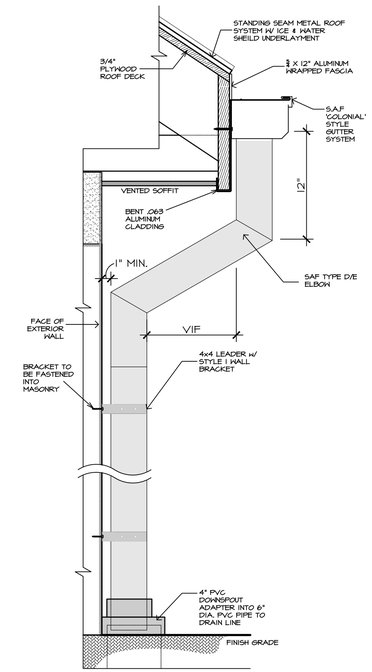
PROPOSED SOUTH ELEVATION

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



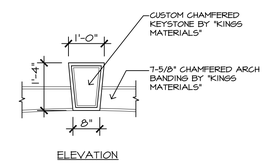
WALL SECTION AT FOUNDATION

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

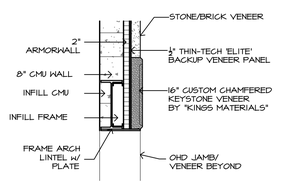


B GUTTER/LEADER DETAIL

SCALE : NTS



ELEVATION



PROFILE

B O.H.D. KEYSTONE

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

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ELLENVILLE, NY 12428

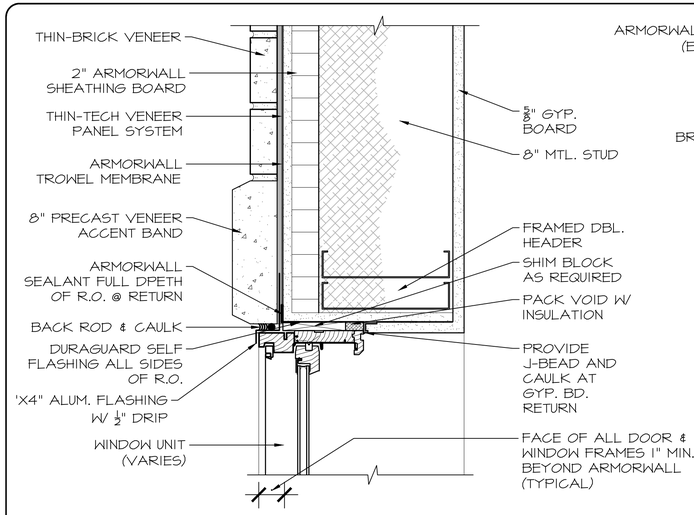
ELEVATIONS & DETAILS

PROJECT No. 2501

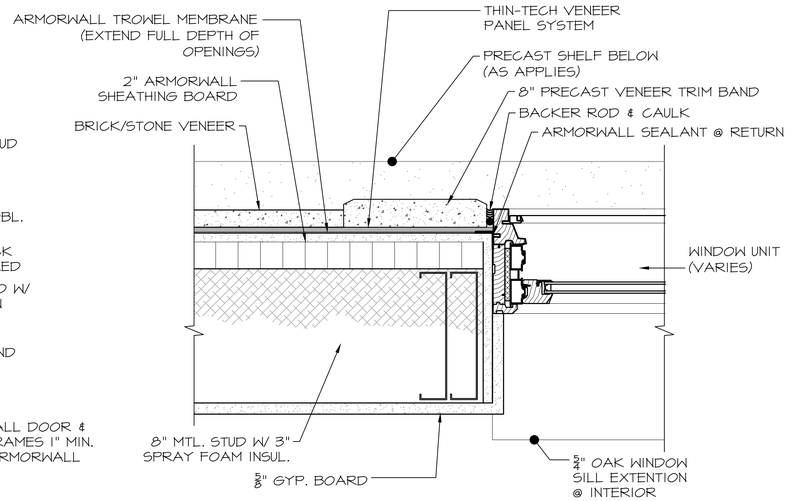
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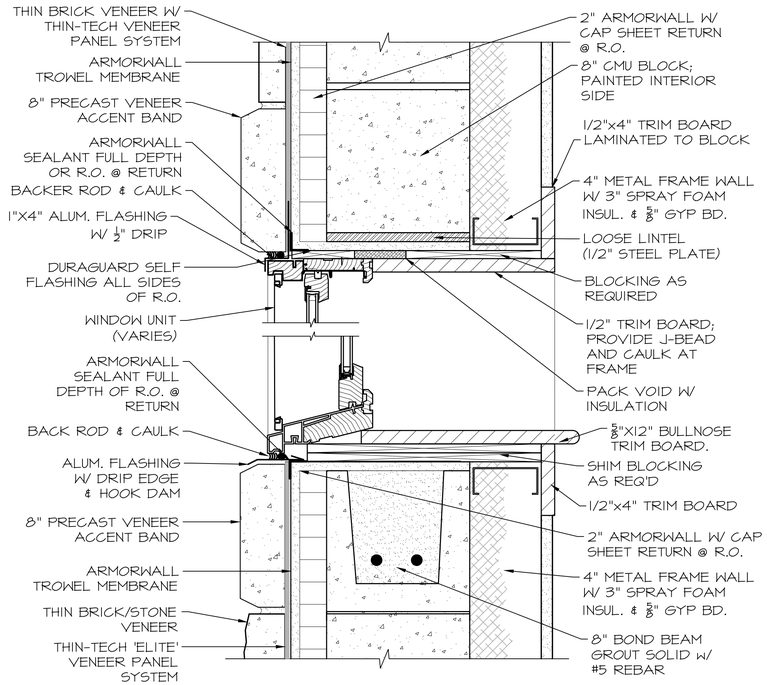
A-3.2



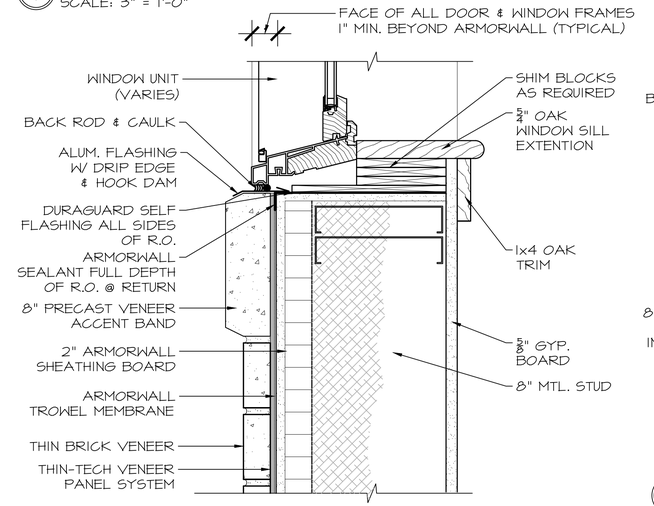
1 WINDOW HEAD SECTION @ FRAMING
SCALE: 3" = 1'-0"



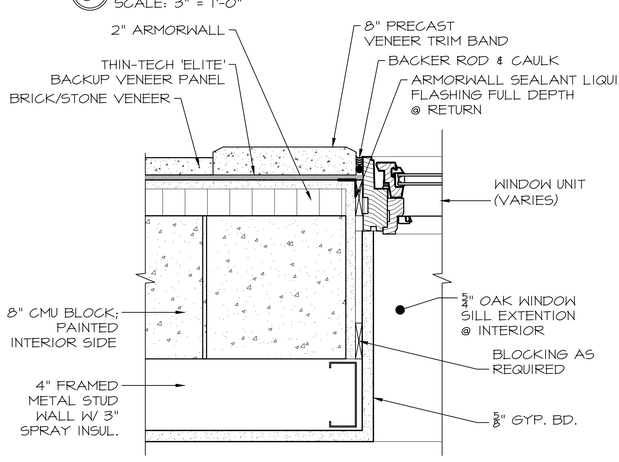
3 WINDOW JAMB DETAIL @ FRAMING
SCALE: 3" = 1'-0"



4 WINDOW SECTION @ BLOCK
SCALE: 3" = 1'-0"



2 WINDOW SILL SECTION @ FRAMING
SCALE: 3" = 1'-0"

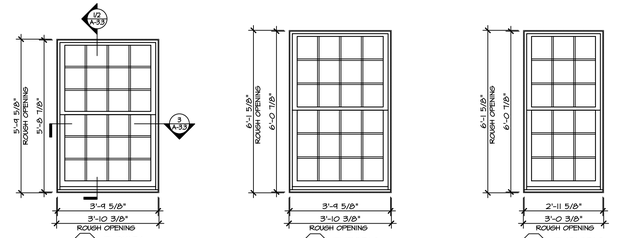


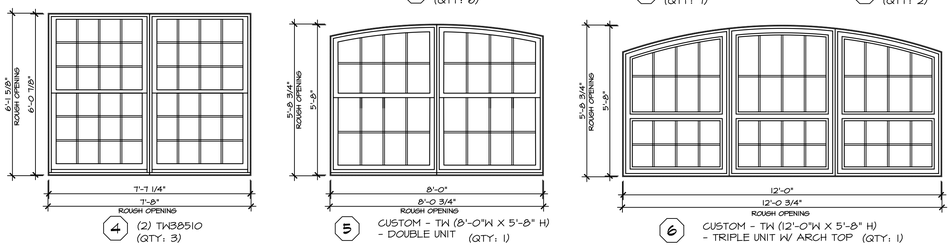
5 WINDOW JAMB DETAIL @ BLOCK
SCALE: 3" = 1'-0"

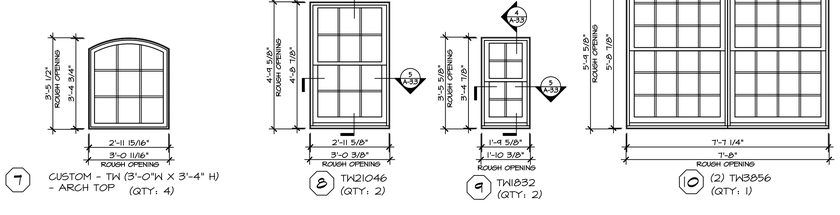
DESIGNATION	MODEL	MANUFACTURER	FINISH		GLASS	HARDWARE	GRILLES	NOTES	U-FACTOR	SHGC	AIR INFILTRATION	DESIGN PRESSURE
			EXTERIOR	INTERIOR								
1	TW3856	ANDERSEN	BLACK	WHITE	LOW-E4	CLASSIC SERIES, WHITE	PRAIRIE, CUSTOM.	TRUSCENE WINDOW SCREEN w/ BLACK FRAME FINISH	0.360	0.28	<0.2	50/50
2	TW3851O	ANDERSEN	BLACK	WHITE	LOW-E4	CLASSIC SERIES, WHITE	PRAIRIE, CUSTOM.	TRUSCENE WINDOW SCREEN w/ BLACK FRAME FINISH	0.360	0.28	<0.2	50/50
3	TW21051O	ANDERSEN	BLACK	WHITE	LOW-E4	CLASSIC SERIES, WHITE	PRAIRIE, CUSTOM.	TRUSCENE WINDOW SCREEN w/ BLACK FRAME FINISH	0.360	0.28	<0.2	50/50
4	TW3851O (2)	ANDERSEN	BLACK	WHITE	LOW-E4	CLASSIC SERIES, WHITE	PRAIRIE, CUSTOM.	TRUSCENE WINDOW SCREEN w/ BLACK FRAME FINISH	0.360	0.28	<0.2	50/50
5	TW (CUSTOM) 8'-0"W X 5'-8"H (DBL. UNIT)	ANDERSEN	BLACK	WHITE	LOW-E4	CLASSIC SERIES, WHITE	PRAIRIE, CUSTOM.	TRUSCENE WINDOW SCREEN w/ BLACK FRAME FINISH	0.360	0.28	<0.2	50/50
6	TW (CUSTOM) 12'-0"W X 5'-8"H (TRPL. - ARCH TOP)	ANDERSEN	BLACK	WHITE	LOW-E4	CLASSIC SERIES, WHITE	PRAIRIE, CUSTOM.	TRUSCENE WINDOW SCREEN w/ BLACK FRAME FINISH	0.360	0.28	<0.2	50/50
7	TW (CUSTOM) 3'-0"W X 3'-4"H (ARCH TOP)	ANDERSEN	BLACK	WHITE	LOW-E4	CLASSIC SERIES, WHITE	PRAIRIE, CUSTOM.	TRUSCENE WINDOW SCREEN w/ BLACK FRAME FINISH	0.360	0.28	<0.2	50/50
8	TW21046	ANDERSEN	BLACK	WHITE	LOW-E4	CLASSIC SERIES, WHITE	PRAIRIE, CUSTOM.	TRUSCENE WINDOW SCREEN w/ BLACK FRAME FINISH	0.360	0.28	<0.2	50/50
9	TW1832	ANDERSEN	BLACK	WHITE	LOW-E4	CLASSIC SERIES, WHITE	PRAIRIE, CUSTOM.	TRUSCENE WINDOW SCREEN w/ BLACK FRAME FINISH	0.360	0.28	<0.2	50/50
10	TW3856 (2)	ANDERSEN	BLACK	WHITE	LOW-E4	CLASSIC SERIES, WHITE	PRAIRIE, CUSTOM.	TRUSCENE WINDOW SCREEN w/ BLACK FRAME FINISH	0.360	0.28	<0.2	50/50

WINDOW SCHEDULE, NOTES & INSTALLATION REQUIRMENTS:

- ALL WINDOWS SHALL BE ANDERSEN 400-SERIES W/ STORM WATCH PROTECTION & 'PRAIRIE' STYLE GRILLES, UNLESS OTHERWISE NOTED.
- ALL WINDOWS SHALL GET FINISH CAULKING AROUND FULL WINDOW PERIMETER (EACH SIDE) TYPICAL FOR ALL LOCATIONS AS PART OF INSTALL.
- WINDOW UNITS '5', '6' & '7' ARE TO BE CUSTOM ARCH TOP OR MULTI-UNIT WINDOWS. SUPPLY BASED ON OVERALL DIMENSIONS INDICATED IN WINDOW ELEVATIONS.
- GENERAL CONTRACTOR SHALL VERIFY & FIELD COORDINATE ALL WINDOW ROUGH OPENING SIZES FOR EACH DESIGNATED WINDOW UNIT.
- ALL WINDOW OPENINGS SHALL RECEIVE 'ARMORWALL PLUS' RETURN BOARD (MECHANICALLY FASTENED TO STRUCTURE) FULL DEPTH OF ALL WINDOW OPENINGS, INCLUDING TROWEL GRADE 'ARMORWALL ARMORSEAL' SEALANT INSTALLED 6" UP ALL JAMBS & TO EXTEND 4" ONTO EXTERIOR FACE OF ARMORWALL PANEL AT BOTTOM & SIDES ADJACENT TO JAMBS (REFER TO ARMORWALL SYSTEM INSTALLATION MANUAL).
- GENERAL CONTRACTOR SHALL VERIFY ALL WINDOW TYPES, SIZES & LOCATIONS WITH ARCHITECT AS PART OF SUBMITTAL PROCESS PRIOR TO ORDER.







WINDOW ELEVATIONS
SCALE: (NTS)

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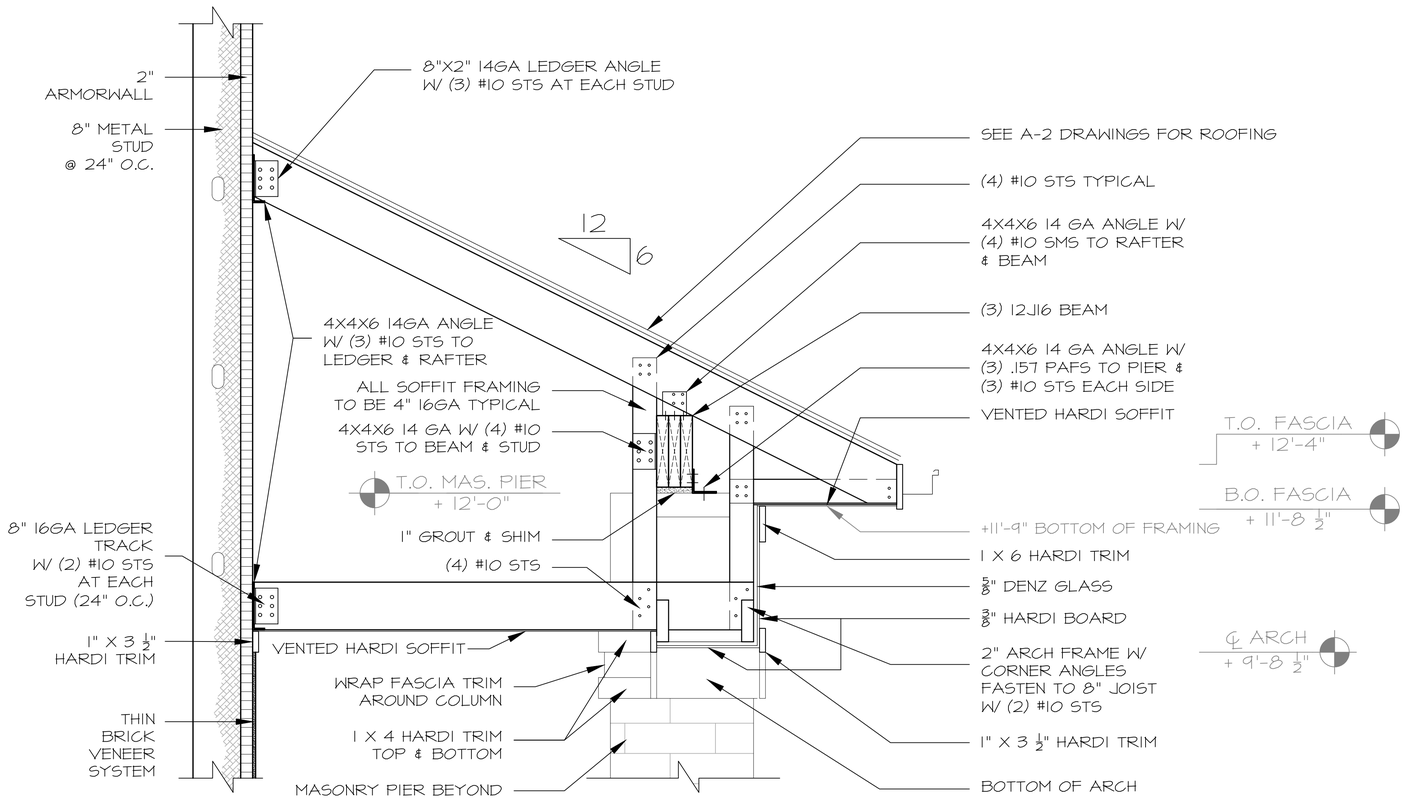
WINDOW SCHEDULE & DETAILS

PROJECT No. 2501

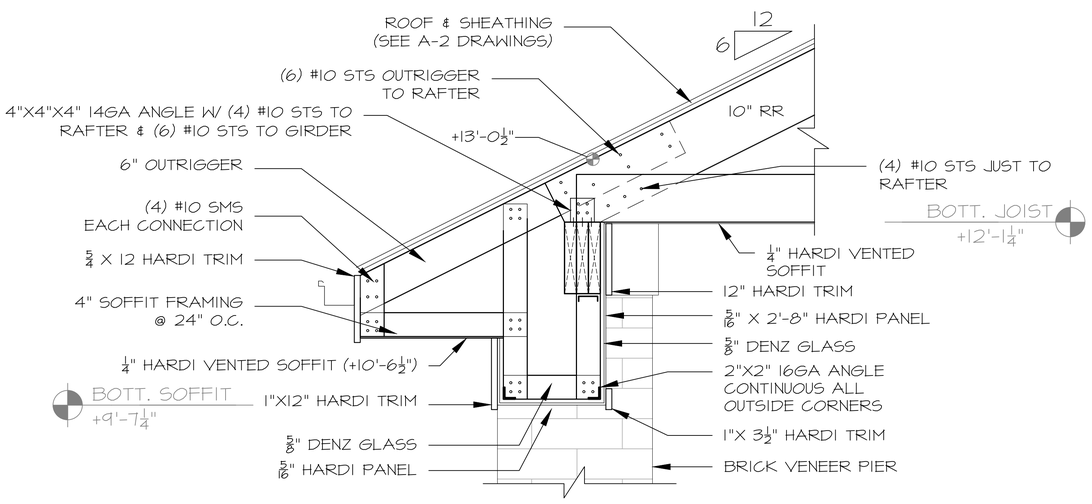
CHECKED BY:

DRAWING:

A-3.3



1 PORCH ROOF DETAIL
SCALE: 1" = 1'-0"



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

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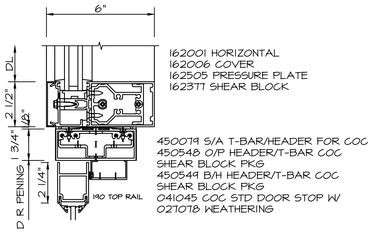
PATIO SECTION DETAILS

PROJECT No. 2501

CHECKED BY:

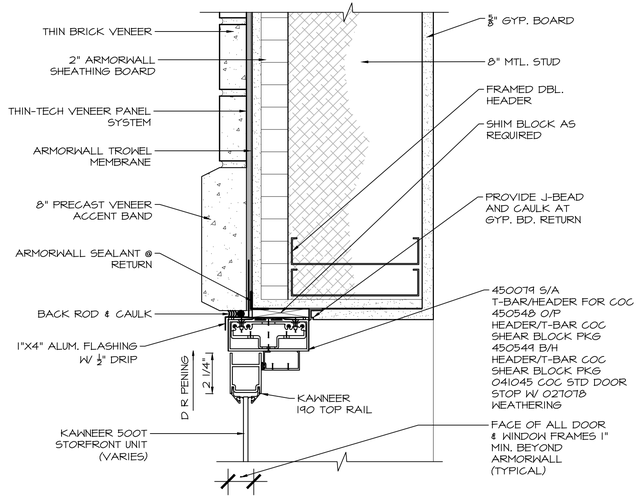
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A-3.4

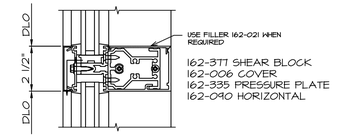


ENTRANCE DETAIL CONCEALED
OVERHEAD CLOSER TRANSOM BAR (¼" INFILL)

1 TYP. HEAD DETAIL
SCALE: 3" = 1'-0"



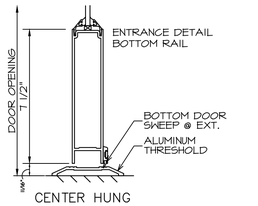
2 HEAD AT DOOR R.O. DETAIL
SCALE: 3" = 1'-0"



DETAIL HORIZONTAL 1" INFILL

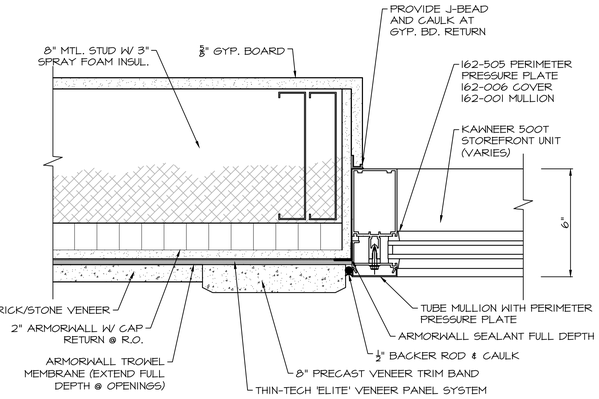
OPEN BACK MULLION WITH OPEN SIDE UP

3 HORIZ. MULL DETAIL
SCALE: 3" = 1'-0"

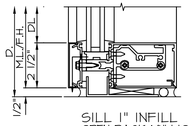


CENTER HUNG

6 DOOR SILL @ R.O.
SCALE: 3" = 1'-0"

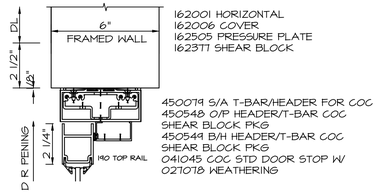


4 JAMB @ R.O. DETAIL
SCALE: 3" = 1'-0"

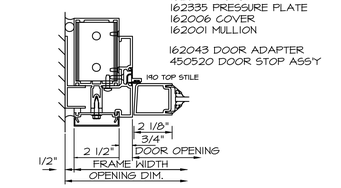


SILL 1" INFILL
OPEN BACK MULLION WITH "F-PERIMETER"

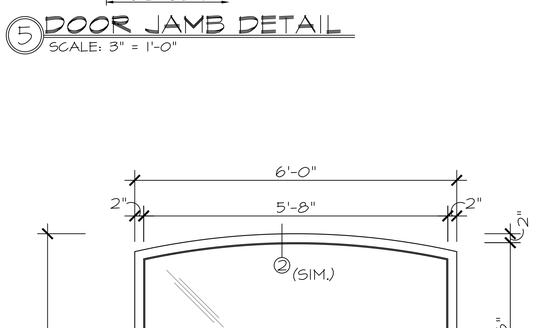
7 HORIZ. SILL @ R.O.
SCALE: 3" = 1'-0"



8 DOOR HEAD @ R.O.
SCALE: 3" = 1'-0"



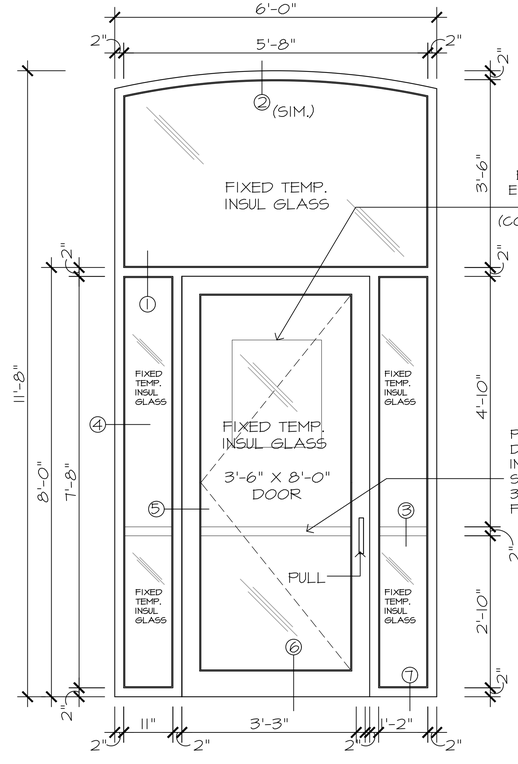
9 DOOR JAMB @ R.O.
SCALE: 3" = 1'-0"



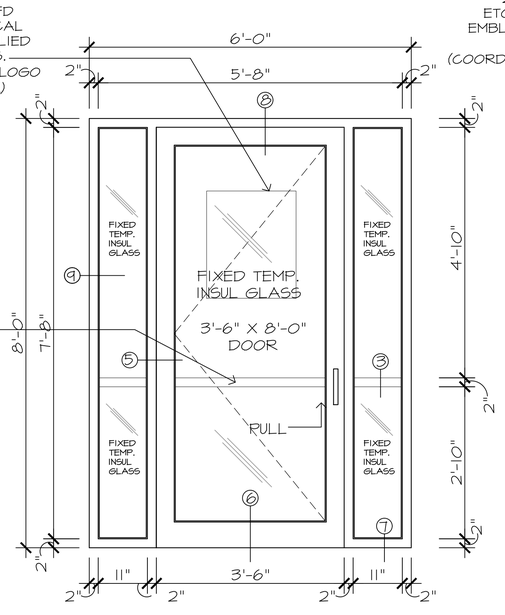
5 DOOR JAMB DETAIL
SCALE: 3" = 1'-0"

STOREFRONT DOOR NOTES & INSTALLATION REQUIRMENTS:

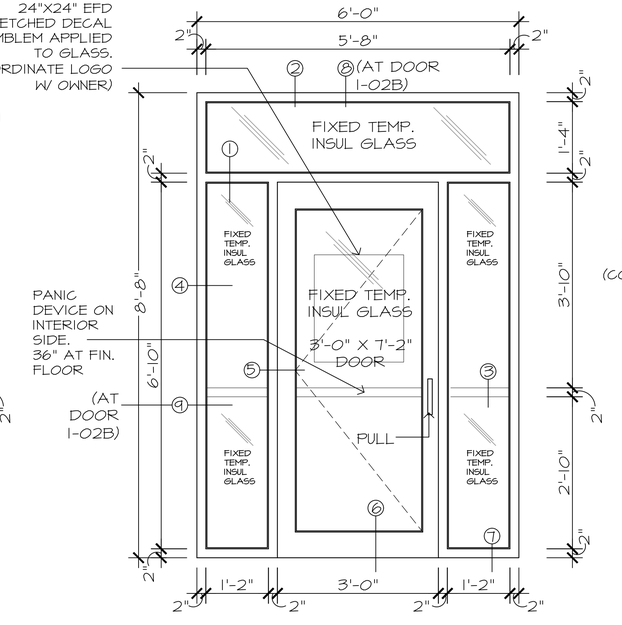
- ALL STOREFRONT STYLE DOORS SHALL BE KAWNEER '500T INSULPOUR' THERMAL ENTRANCE WIDE STILE DOORS, W/ #29 "BLACK" ANODIZED FINISH.
- ALL STOREFRONT DOORS SHALL GET FINISH CAULKING AROUND FULL FRAME PERIMETER (EACH SIDE) TYPICAL FOR ALL LOCATIONS AS PART OF INSTALL.
- ALL STOREFRONT DOORS SHALL INCLUDE ALL NECESSARY HARDWARE INCLUDING HINGES, LOCKS/LATCHES, PANIC/RIM EXIT DEVICE (INTERIOR SIDE), DOORS CLOSER, THRESHOLDS & PUSH/PULL HANDLE (EXTERIOR SIDE) BY KAWNEER MANUFACTURER - TYPICAL.
- DOOR UNITS '1-01A & 1-01B' ARE TO BE CUSTOM ARCH TOP UNITS. SUPPLY BASED ON OVERALL WIDTH INDICATED IN ELEVATIONS.
- DOOR UNITS '1-01B & 1-02B' (INTERIOR VESTIBULES) SHALL RECEIVE SIMILAR INSTALL AS DETAILS '2' & '4', WITHOUT ARMORWALL & EXTERIOR BRICK/STONE VENEER CONDITIONS. FIELD COORDINATE INSTALL WITH 6" METAL FRAMED WALL AT THESE LOACIONS.
- GENERAL CONTRACTOR SHALL VERIFY & COORDINATE ALL DOOR ROUGH OPENING SIZES FOR EACH DESIGNATED DOOR UNIT.
- ALL EXTERIOR DOOR ROUGH OPENINGS SHALL RECEIVE 'ARMORWALL PLUS' RETURN BOARD (MECHANICALLY FASTENED TO STRUCTURE) FULL DEPTH OF ALL WINDOW OPENINGS, INCLUDING TROWEL GRADE 'ARMORWALL ARMORSEAL' SEALANT INSTALLED 6" UP ALL JAMBS & TO EXTEND 4" ONTO EXTERIOR FACE OF ARMORWALL PANEL AT TOP & SIDES ADJACENT TO JAMBS (REFER TO ARMORWALL SYSTEM INSTALLATION MANUAL).
- ALL STOREFRONT DOOR UNITS SHALL INCLUDE HES STYLE ELECTRIC STRIKES PROVIDED & INSTALLED BY GENERAL CONTRACTOR (COORDINATE WITH ELECTRICAL CONTRACTOR AS NEEDED FOR INSTALL). GENERAL CONTRACTOR SHALL COORDINATE PRE-CUT/INSTALL OF STOREFRONT FRAMES WITH KAWNEER MANUFACTURER AS NEEDED FOR STRIKE INSTALLS. REFER TO A-7.3 DOOR & HARDWARE SCHEDULES FOR ADDITIONAL HARDWARE & DOOR STRIKE INFORMATION.



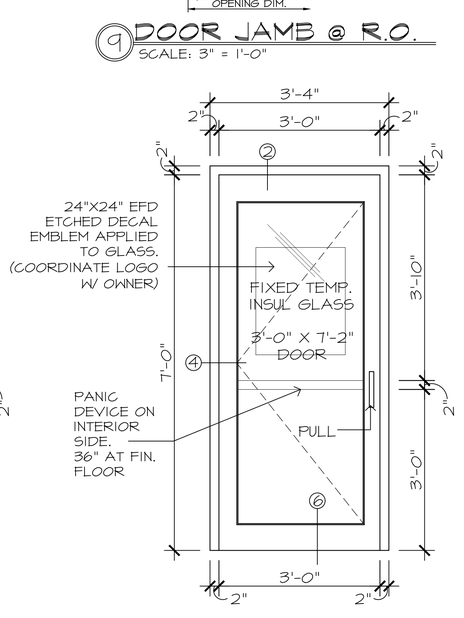
DOOR 1-01A
SCALE: 3/4" = 1'-0"



DOOR 1-01B
SCALE: 3/4" = 1'-0"



DOORS 1-02A & 1-02B
SCALE: 3/4" = 1'-0"



DOORS 1-02C & 2-08D
SCALE: 3/4" = 1'-0"

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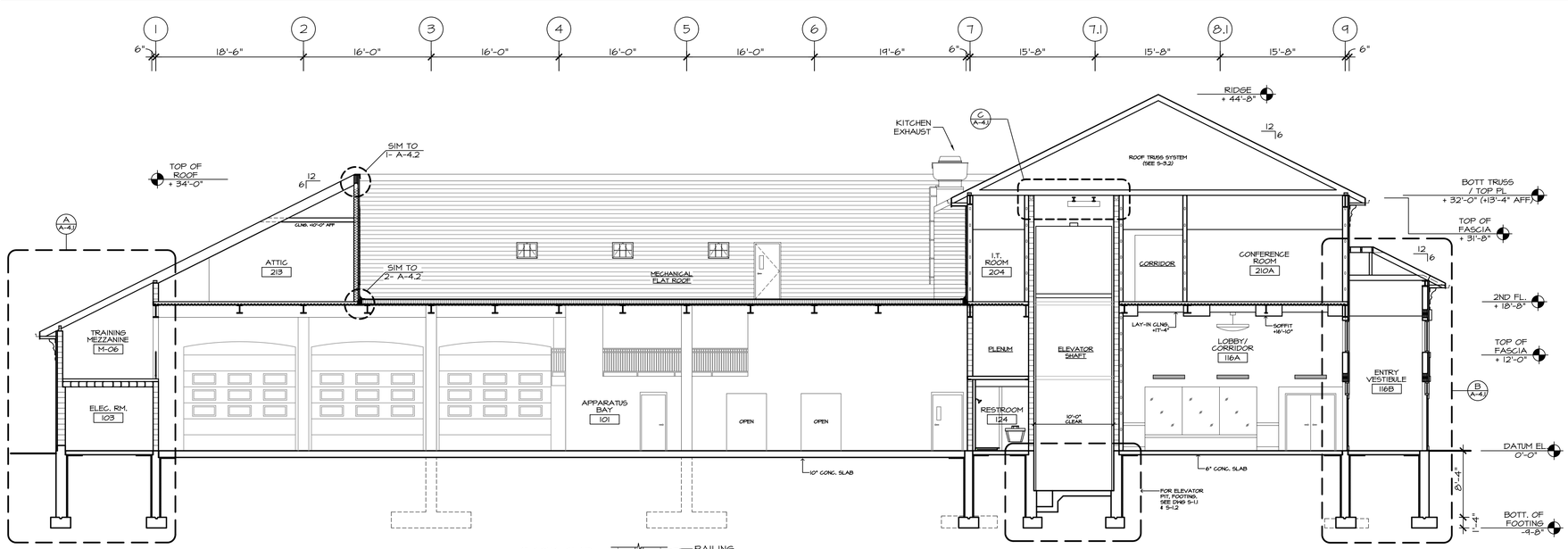
STOREFRONT DOORS & DETAILS

PROJECT No. 2501

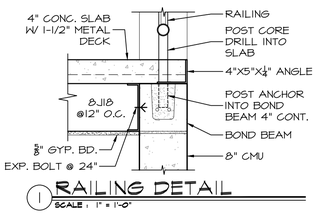
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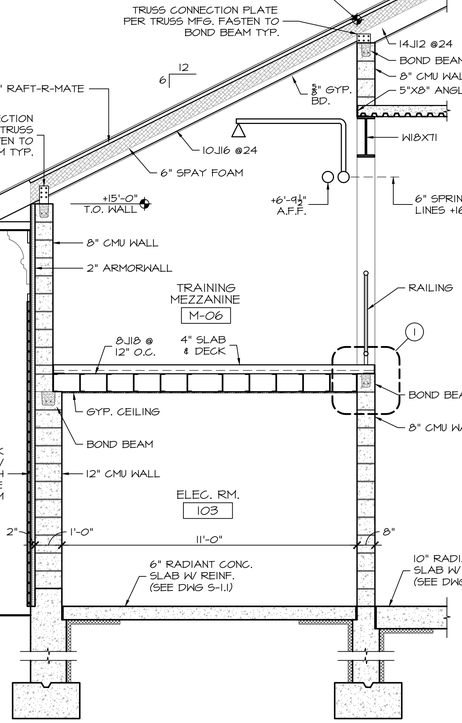
A-3.5



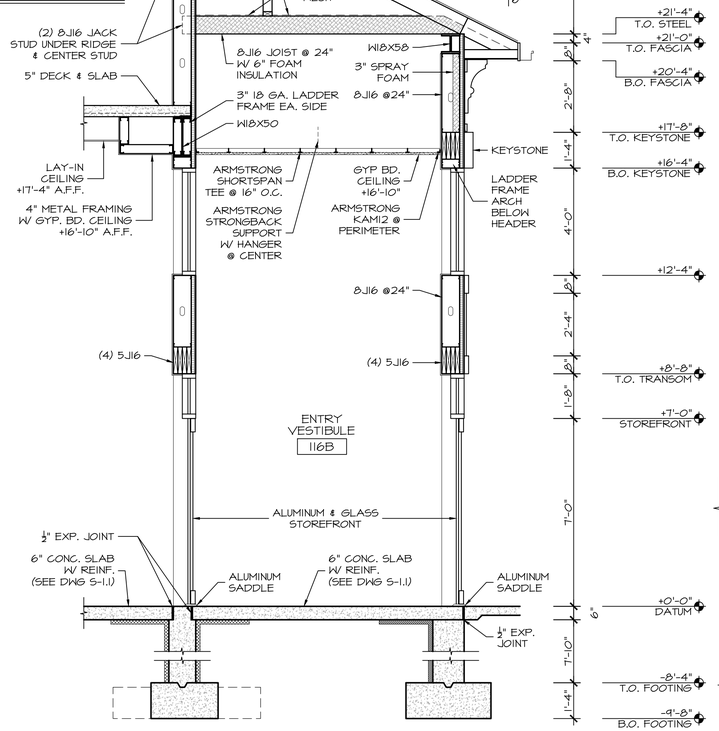
BUILDING SECTION A
SCALE : 1/8" = 1'-0"



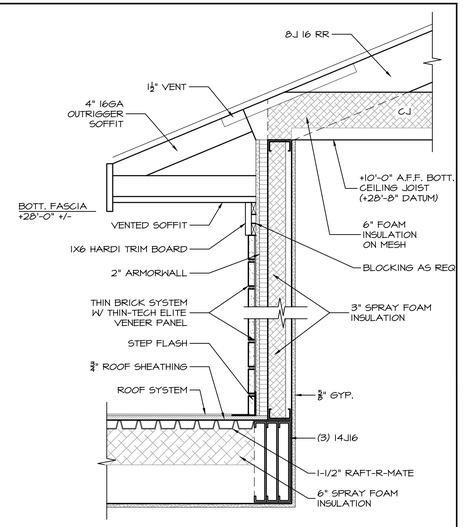
1 RAILING DETAIL
SCALE : 1" = 1'-0"



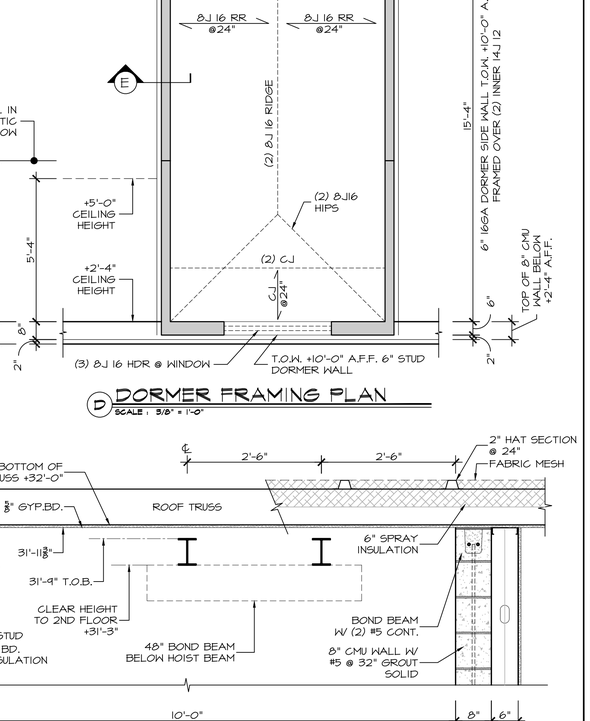
A TRAINING MEZZANINE SECTION
SCALE : 3/8" = 1'-0"



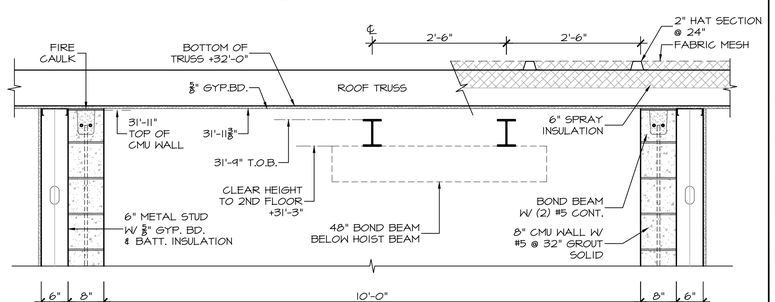
B VESTIBULE SECTION
SCALE : 3/8" = 1'-0"



E DORMER WALL DETAIL
SCALE : 1" = 1'-0"
*SEE ELEVATIONS & ROOF PLAN FOR ALL EXTERIOR FINISHES & REQUIREMENTS



D DORMER FRAMING PLAN
SCALE : 3/8" = 1'-0"



C ELEVATOR SHAFT DETAIL
SCALE : 3/4" = 1'-0"

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PROPOSED NEW FACILITY
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ELLENVILLE, NY 12428

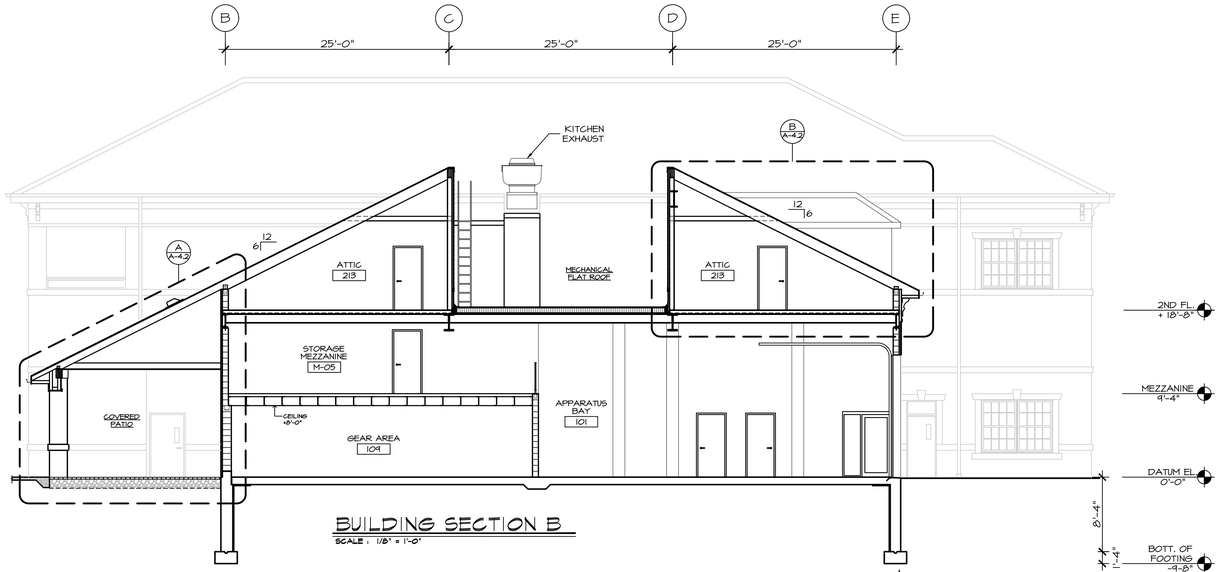
BUILDING SECTIONS A & DETAILS

PROJECT No. 2501

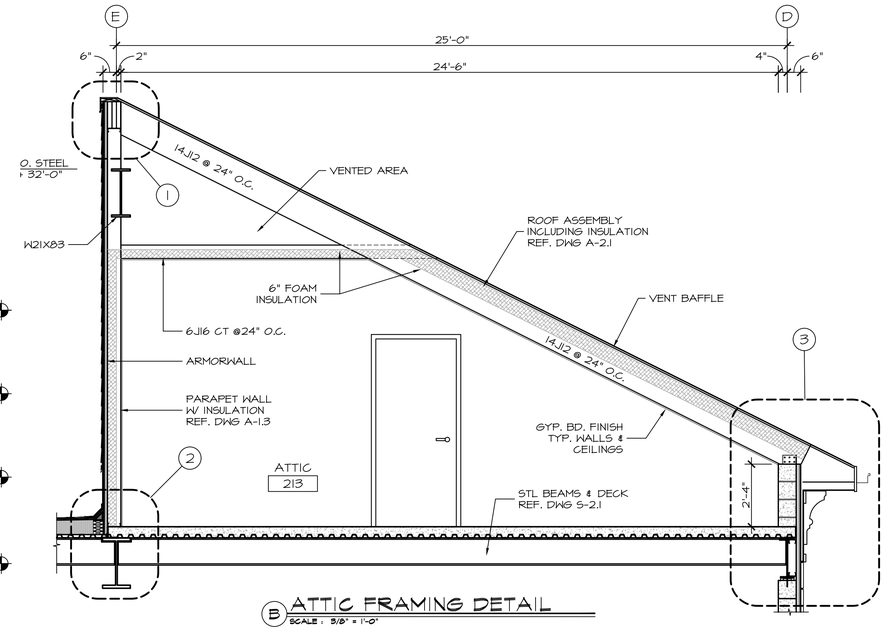
CHECKED BY:

DRAWING:

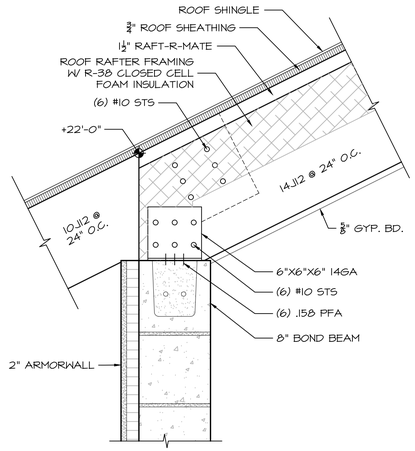
A-4.1



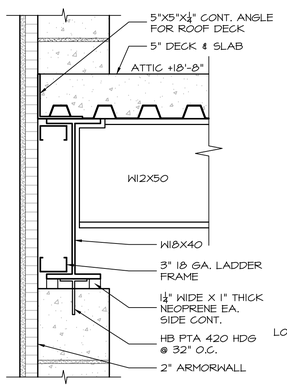
BUILDING SECTION B
SCALE : 1/8" = 1'-0"



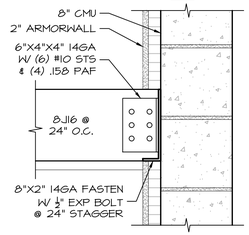
B ATTIC FRAMING DETAIL
SCALE : 3/8" = 1'-0"



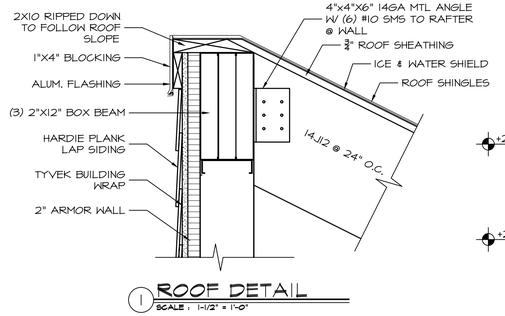
6 R.R. DETAIL
SCALE : 1-1/2" = 1'-0"



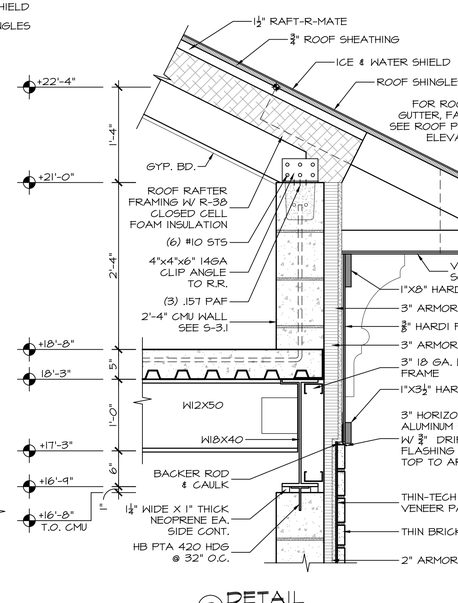
5 BEAM DETAIL
SCALE : 1-1/2" = 1'-0"



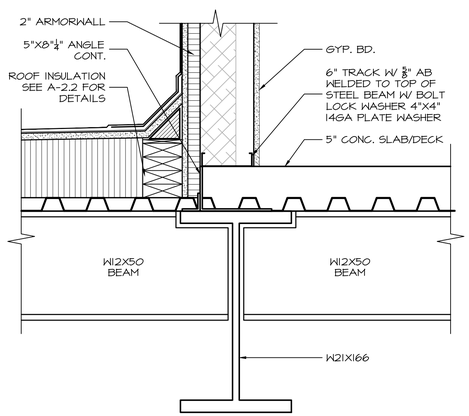
4 DETAIL
SCALE : 1-1/2" = 1'-0"



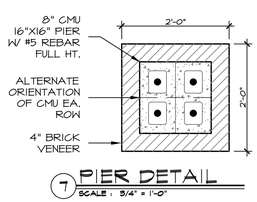
1 ROOF DETAIL
SCALE : 1-1/2" = 1'-0"



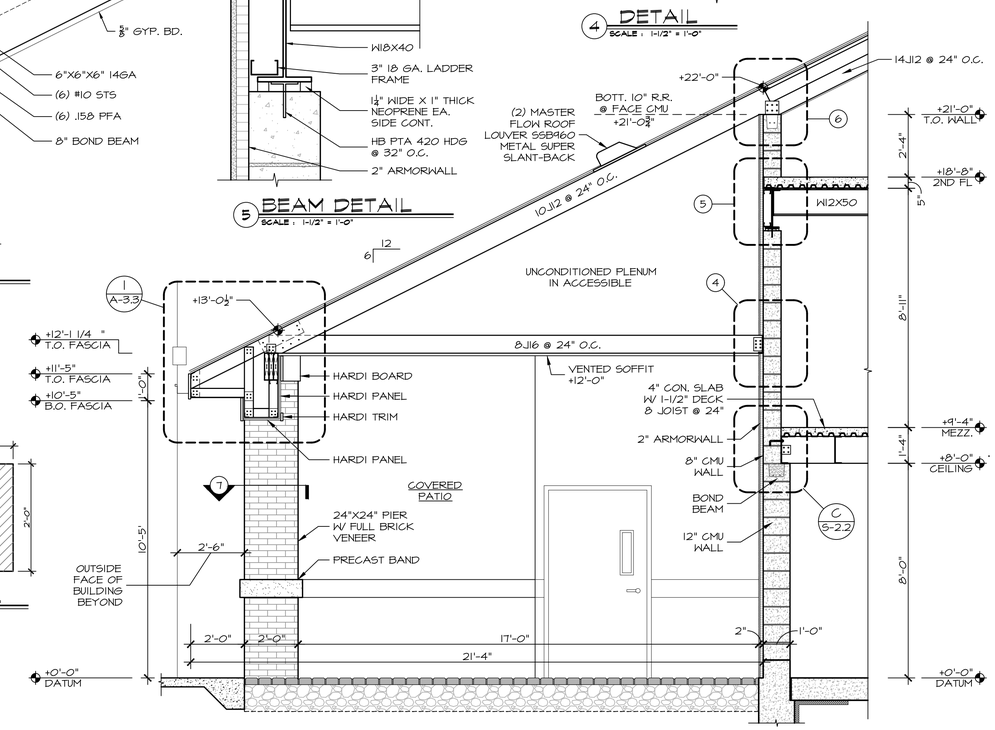
3 DETAIL
SCALE : 1" = 1'-0"



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



7 PIER DETAIL
SCALE : 3/4" = 1'-0"



A PATIO FRAMING SECTION
SCALE : 3/8" = 1'-0"

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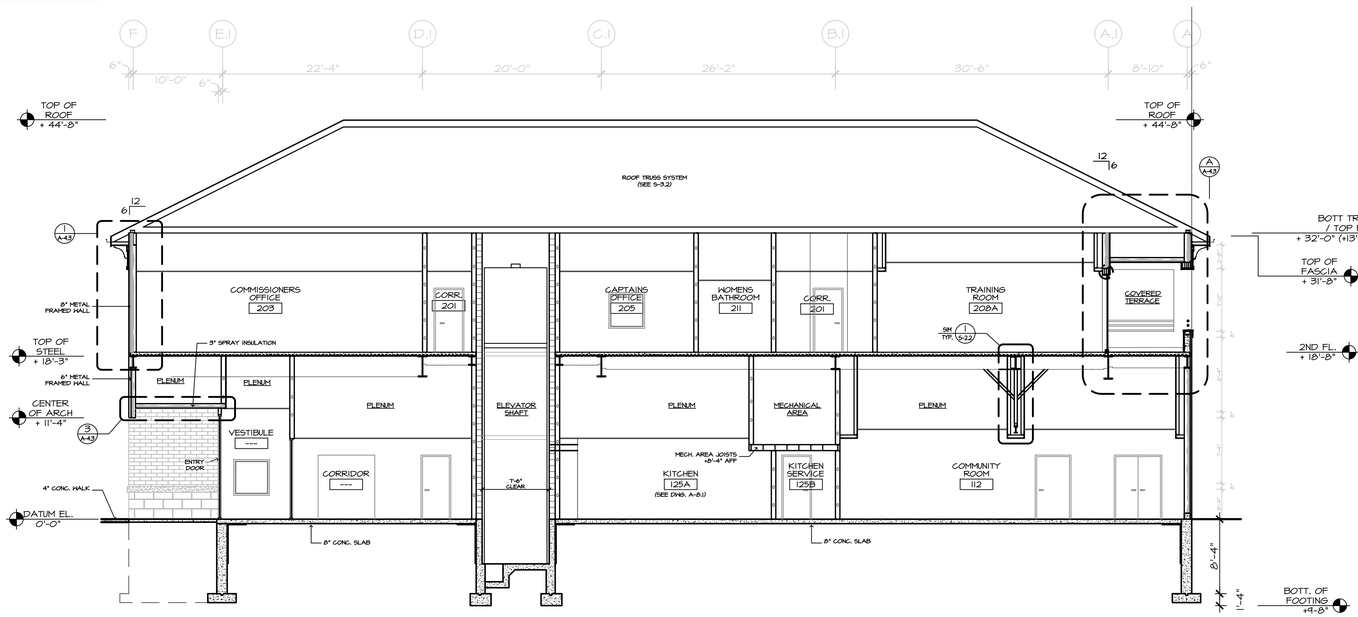
BUILDING SECTIONS B & DETAILS

PROJECT No. 2501

CHECKED BY:

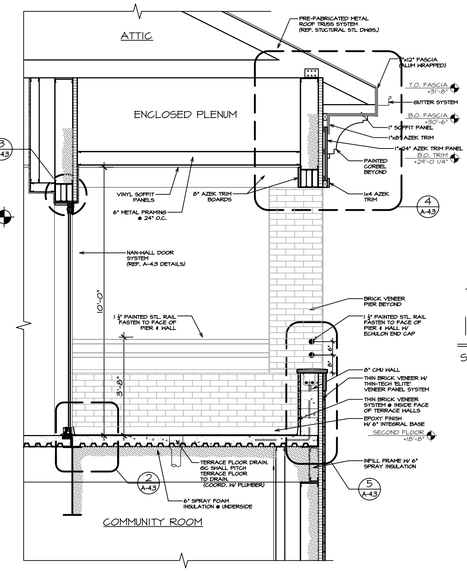
DRAWING:

A-4.2



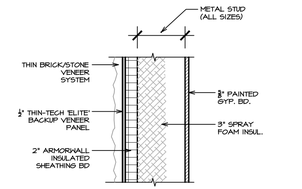
BUILDING SECTION

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



TERRACE SECTION

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

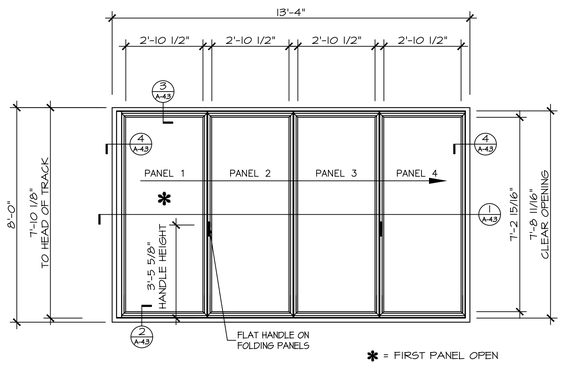


TYP. EXTERIOR WALL INSULATION DETAIL

SCALE: 1" = 1'-0"

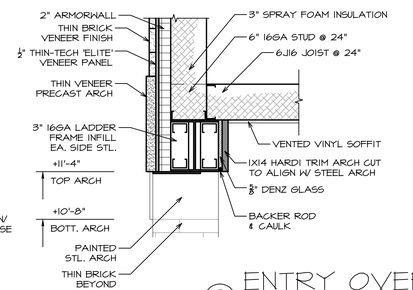
TYP. CEILING INSULATION DETAIL

SCALE: 1" = 1'-0"



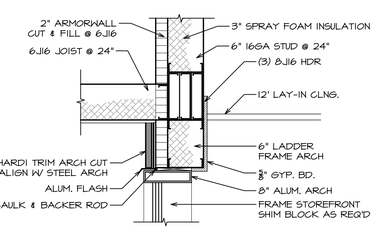
NANAWALL UNIT DETAIL

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



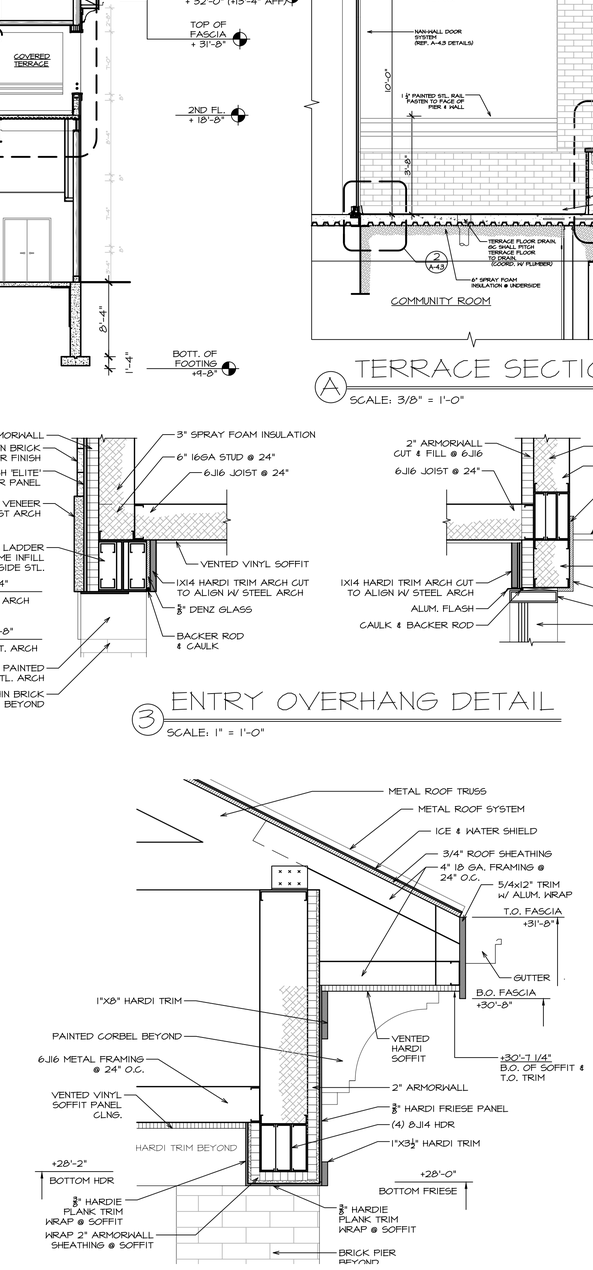
3 ENTRY OVERHANG DETAIL

SCALE: 1" = 1'-0"



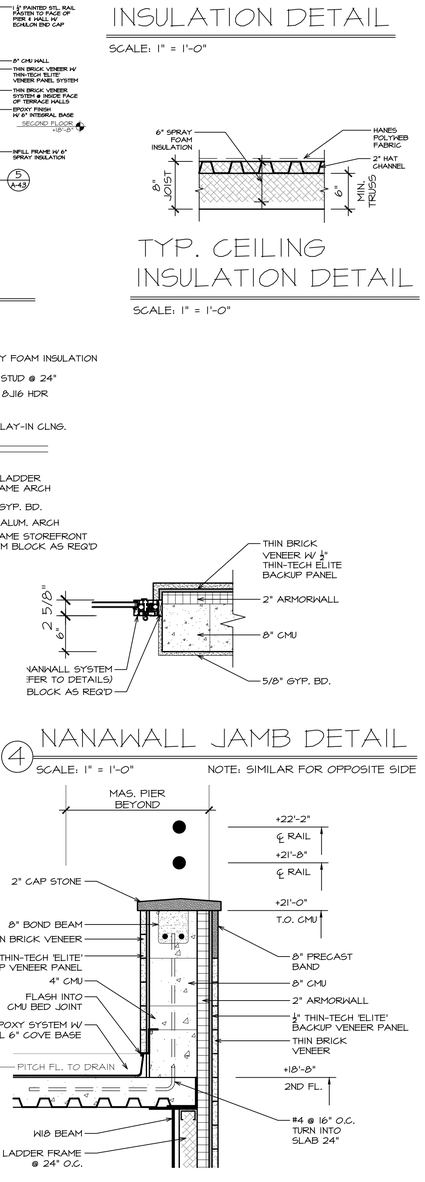
1 NANAWALL SILL DETAIL

SCALE: 1" = 1'-0"



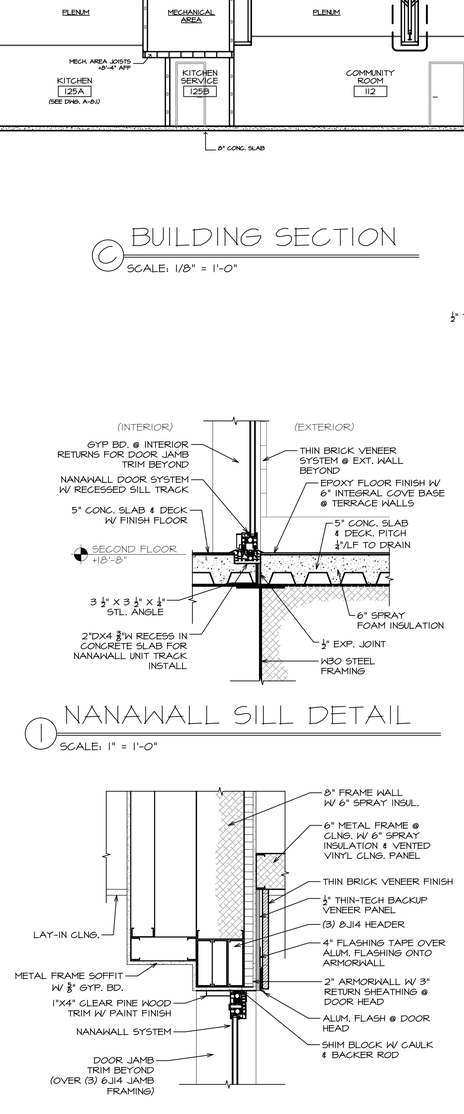
4 TERRACE SOFFIT DETAIL

SCALE: 1" = 1'-0"



4 NANAWALL JAMB DETAIL

SCALE: 1" = 1'-0" NOTE: SIMILAR FOR OPPOSITE SIDE



2 NANAWALL HEAD DETAIL

SCALE: 1" = 1'-0"

5 TERRACE WALL DETAIL

SCALE: 1" = 1'-0"

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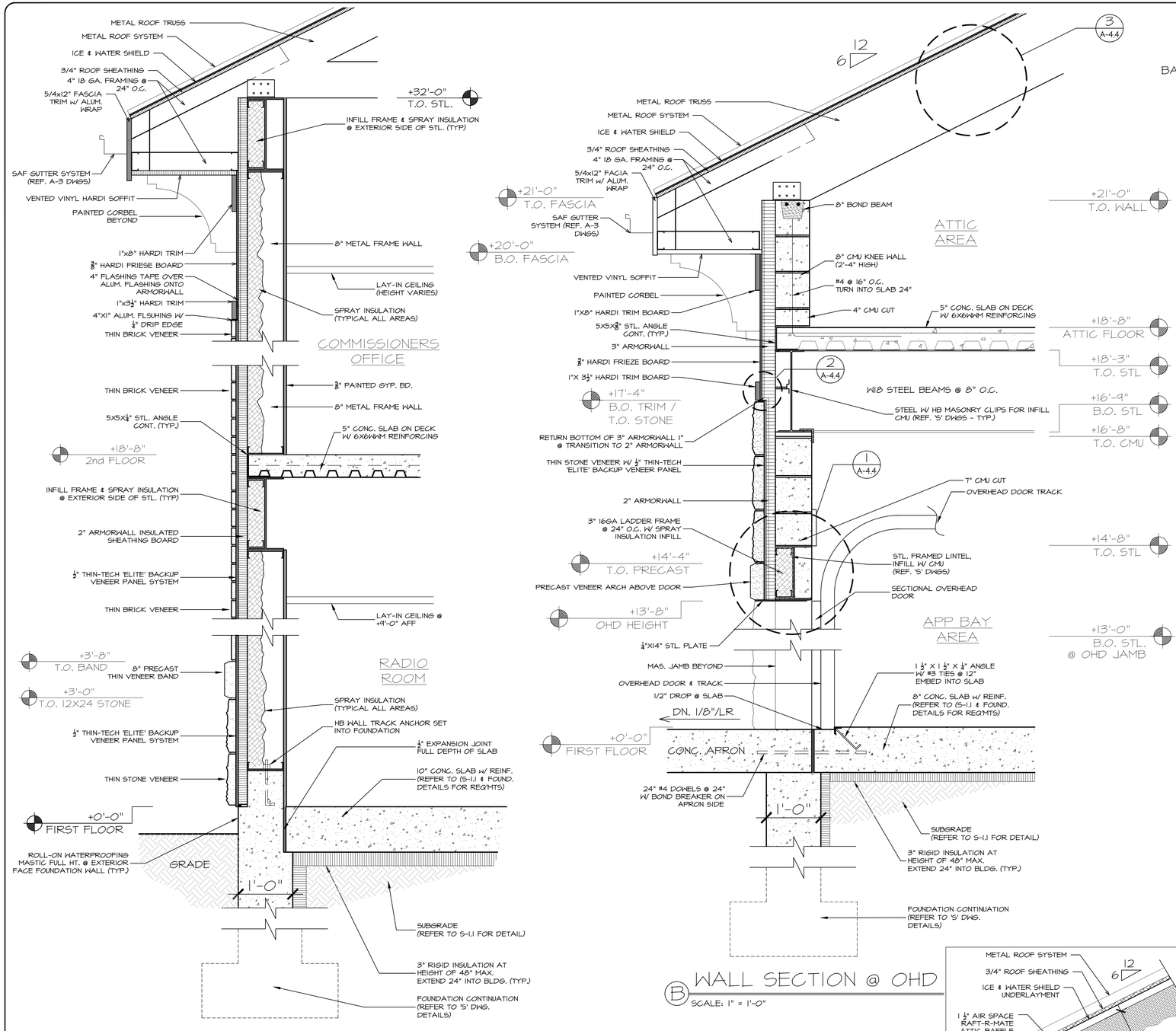
BUILDING SECTIONS & DETAILS

PROJECT No. 2501

CHECKED BY:

DRAWING:

A-4.3

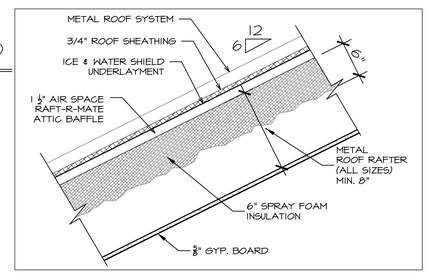


A WALL SECTION

SCALE: 1" = 1'-0"

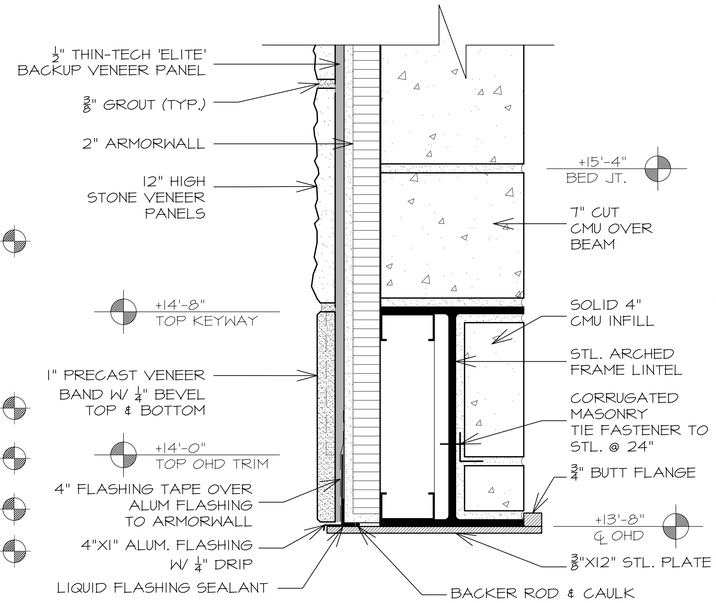
B WALL SECTION @ OHD

SCALE: 1" = 1'-0"



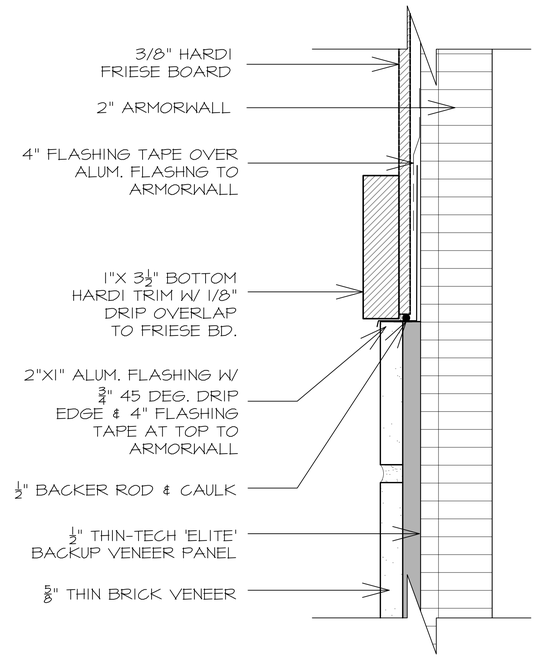
3 SPRAY INSULATION DETAIL @ RR

SCALE: 1" = 1'-0"



1 OHD HEAD DETAIL

SCALE: 3" = 1'-0"



THIN BRICK & TRIM DETAIL @ 2ND FLOOR

2

SCALE: 6" = 1'-0"

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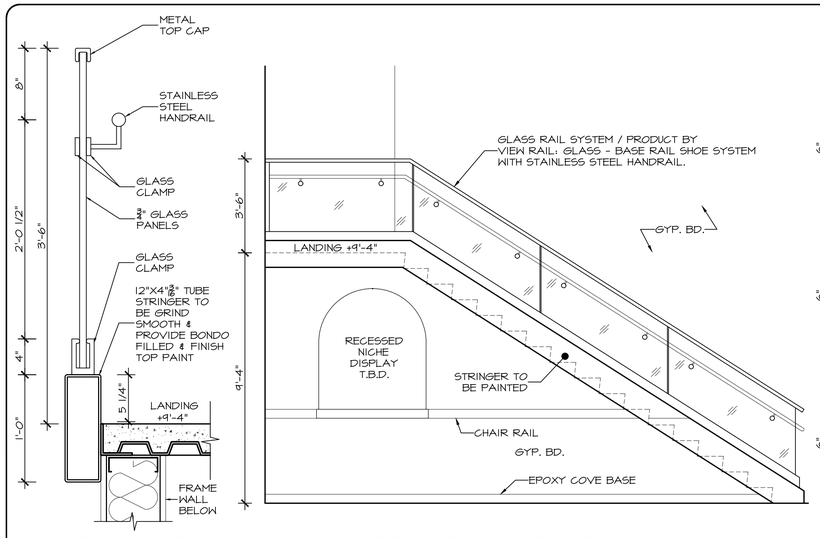
WALL SECTIONS & DETAILS

PROJECT No. 2501

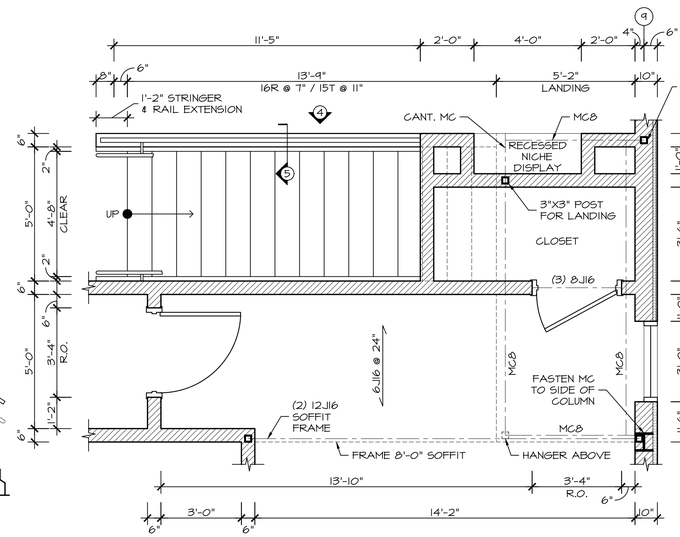
CHECKED BY:

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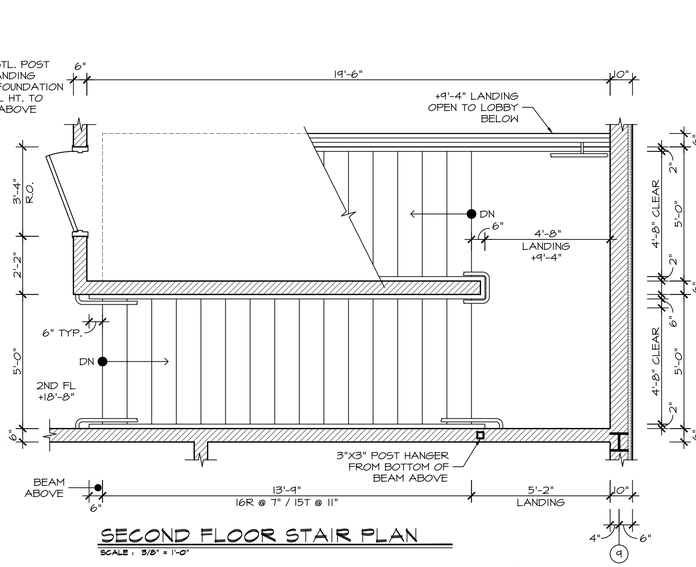


5 RAIL DATAIL
SCALE : 1-1/2" = 1'-0"

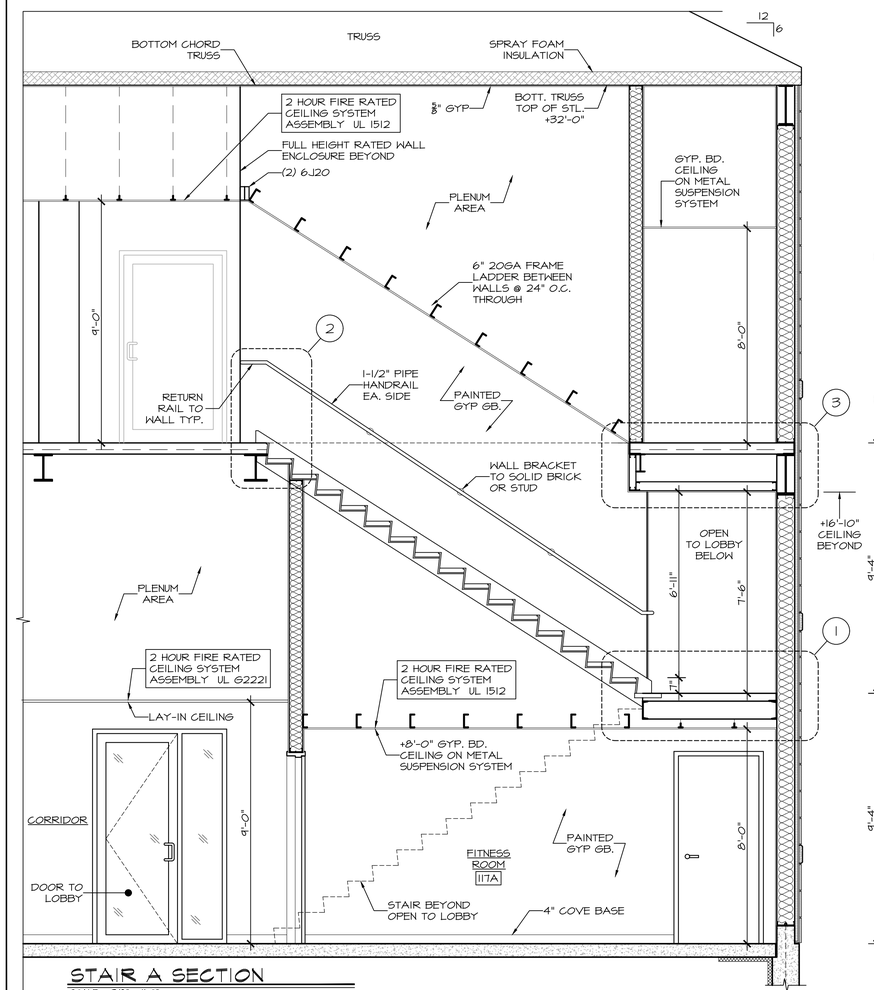


4 LOBBY STAIR ELEVATION
SCALE : 3/8" = 1'-0"

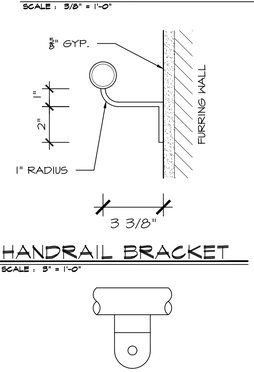
FIRST FLOOR STAIR PLAN
SCALE : 3/8" = 1'-0"



SECOND FLOOR STAIR PLAN
SCALE : 3/8" = 1'-0"

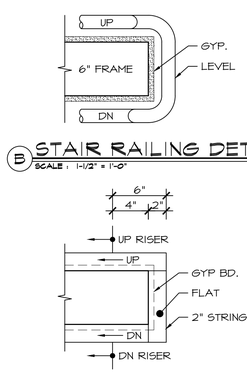


STAIR A SECTION
SCALE : 3/8" = 1'-0"



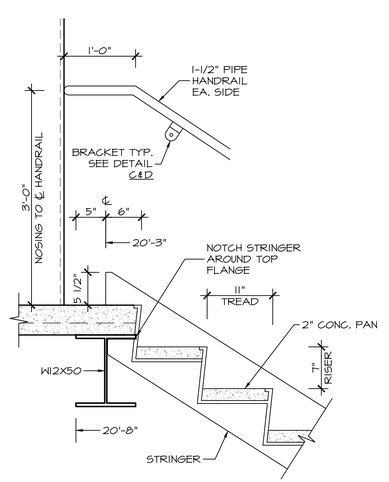
D HANDRAIL BRACKET
SCALE : 3" = 1'-0"

C HANDRAIL BRACKET
SCALE : 3" = 1'-0"

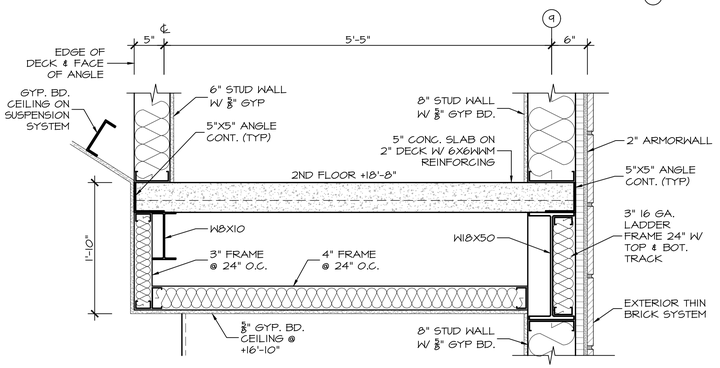


B STAIR RAILING DETAIL
SCALE : 1-1/2" = 1'-0"

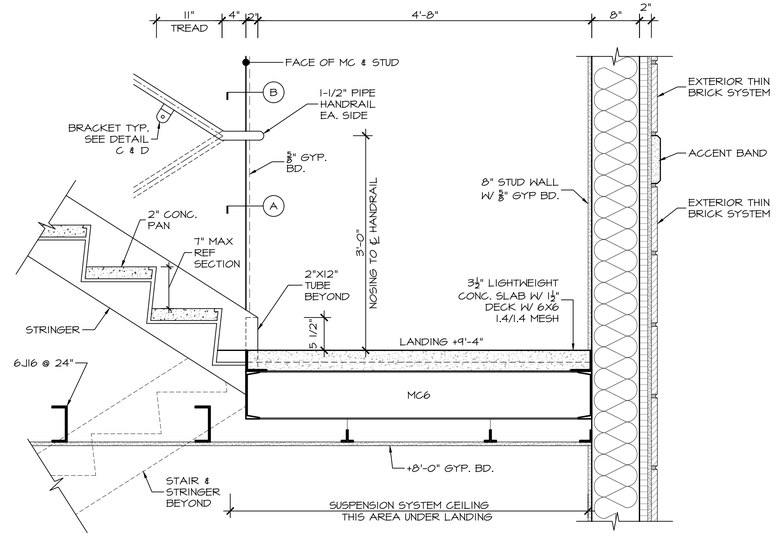
A STAIR STRINGER DETAIL
SCALE : 1-1/2" = 1'-0"



2 STAIR LANDING SECTION
SCALE : 1" = 1'-0"



3 SECOND FLOOR FRAMING SECTION
SCALE : 1" = 1'-0"



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

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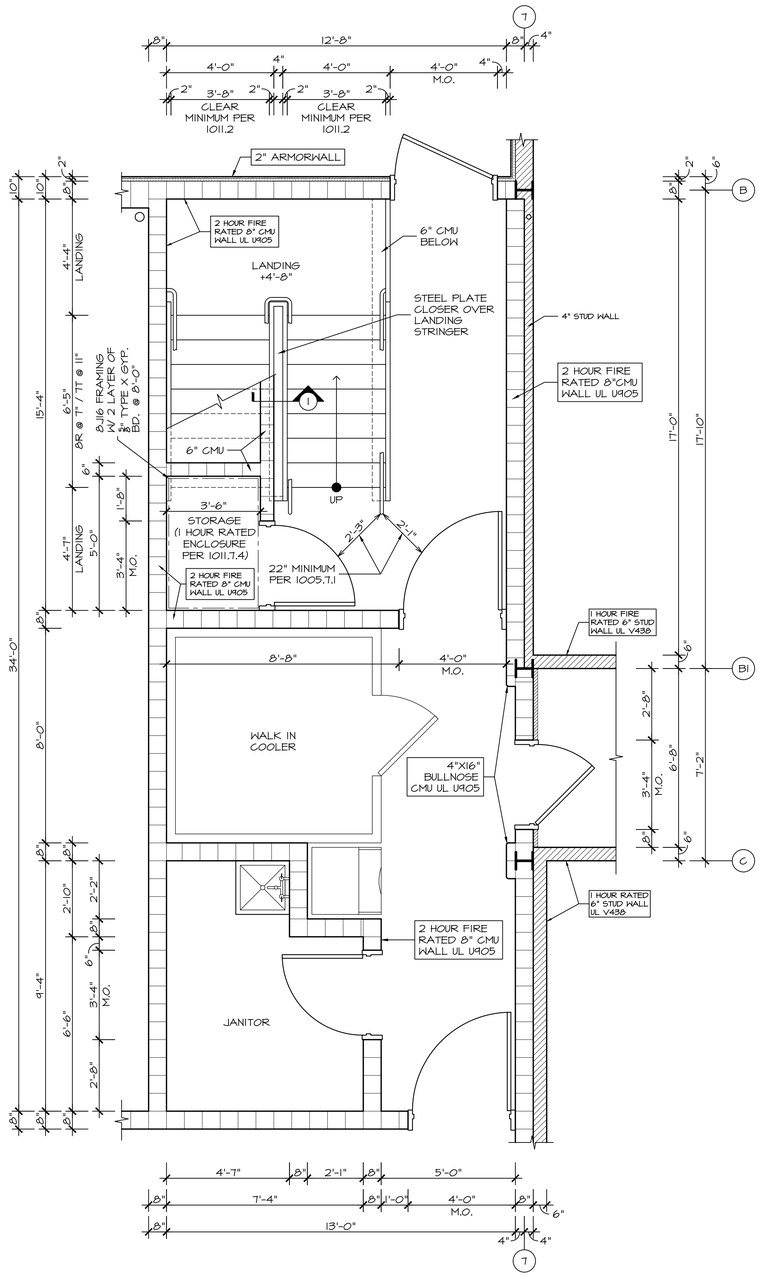
STAIR A PLANS / SECTIONS & DETAILS

PROJECT No. 2501

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DRAWING:

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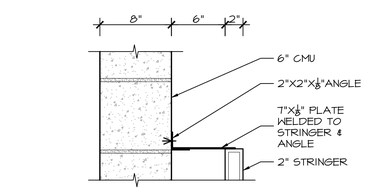
FIRST FLOOR STAIR PLAN

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

MEZZANINE STAIR PLAN

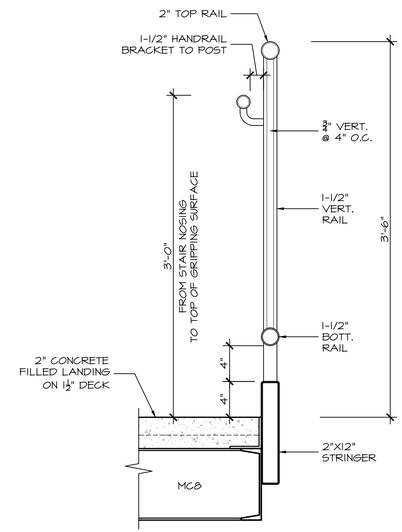
SCALE : 3/8" = 1'-0"

PER 1005.3.1 - OCCUPANT FOR STAIR = 64½" (215 SECOND FLOOR OCCUPANTS X.3)
PER 1005.5 - USE 50% FOR TWO (2) STAIRS = 32.25"
PER 1011.2 - MINIMUM STAIR WIDTH = 44"
PER 1005.7.1 - DOORS SHALL NOT REDUCE WIDTH BY MORE THAN 50% WHEN OPEN IN ANY POSITION = 22" MINIMUM CLEAR REQUIRED



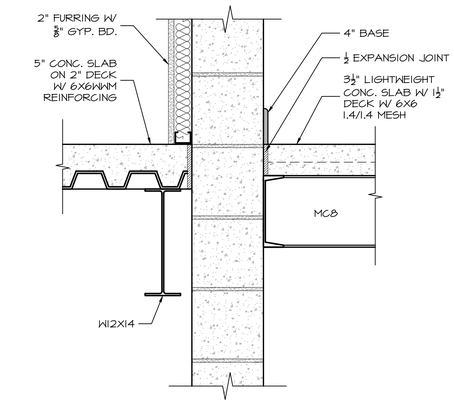
① STEEL PLATE CLOSER DETAIL

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



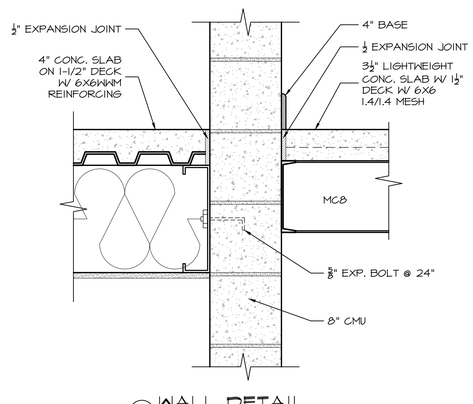
Ⓐ STAIR RAIL DETAIL

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



Ⓑ WALL DETAIL

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



Ⓒ WALL DETAIL

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

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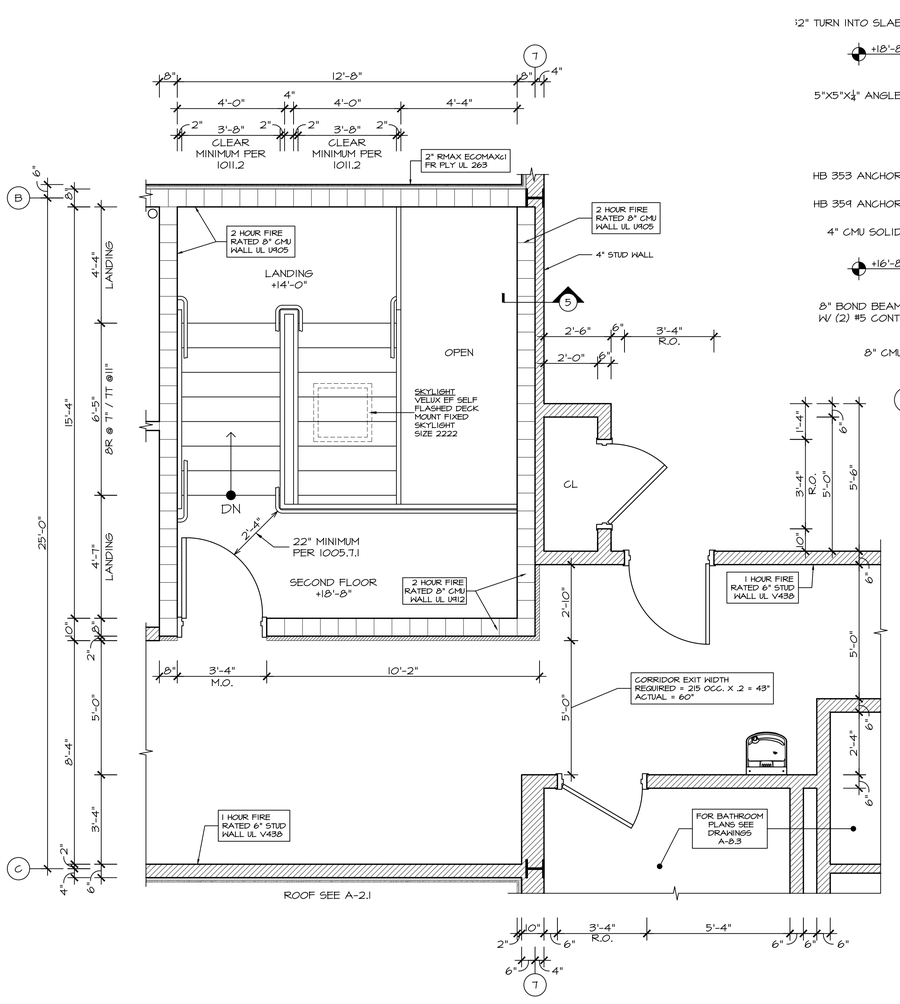
STAIR B PLANS & DETAILS

PROJECT No. 2501

CHECKED BY:

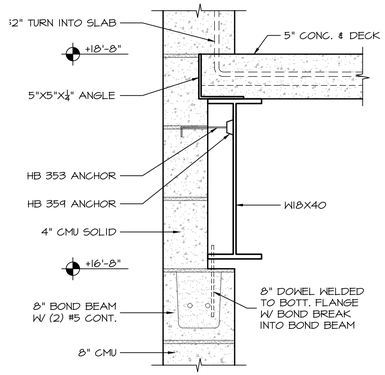
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A-5.2



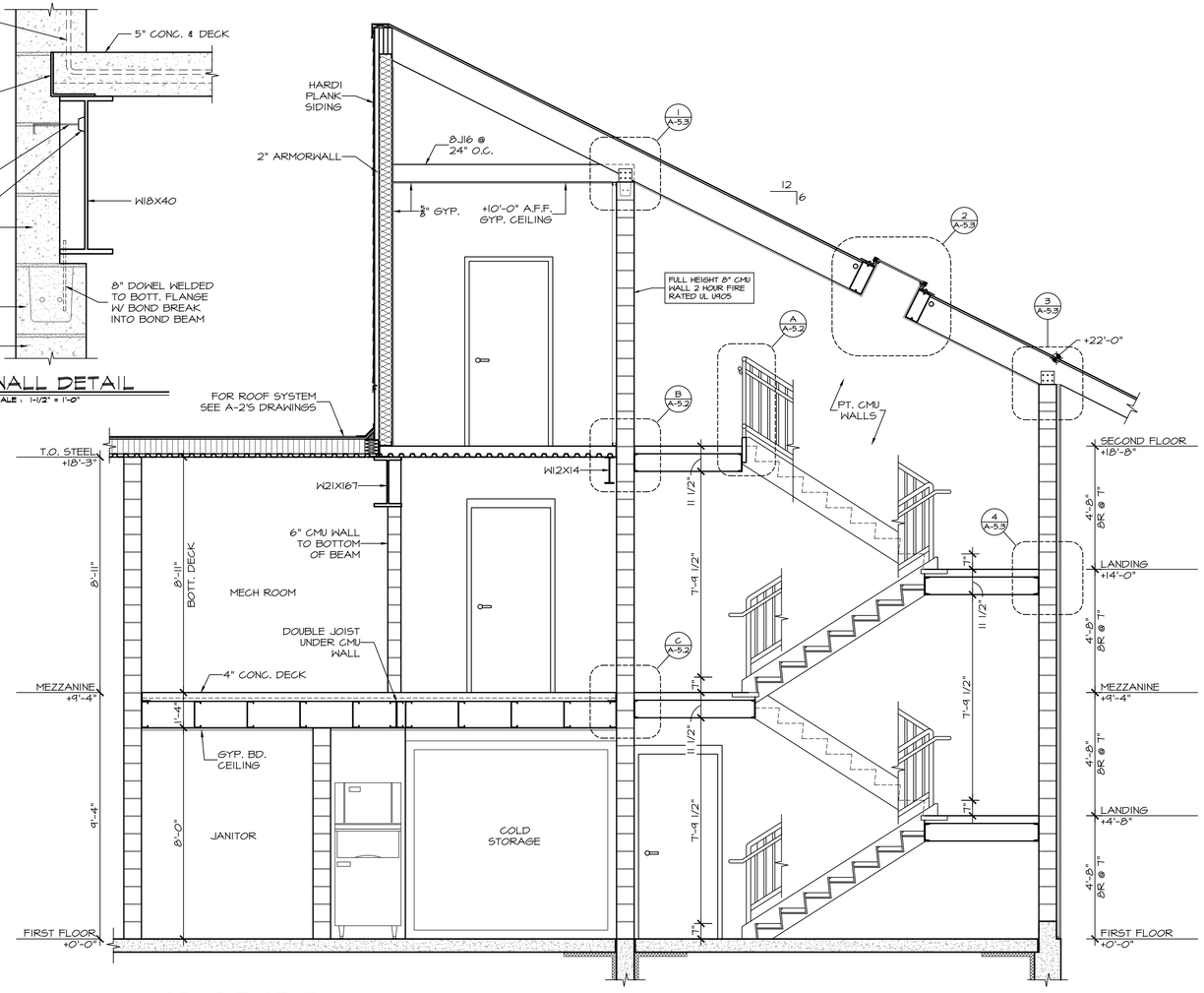
SECOND FLOOR STAIR PLAN

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



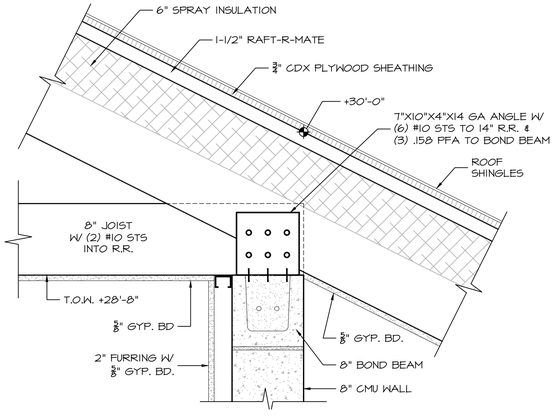
5 WALL DETAIL

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



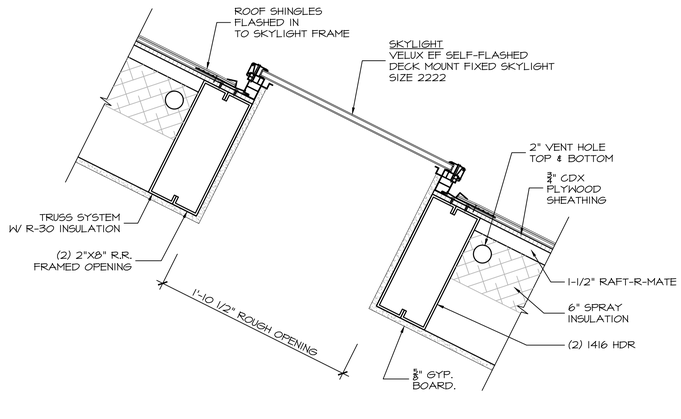
STAIR B SECTION

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



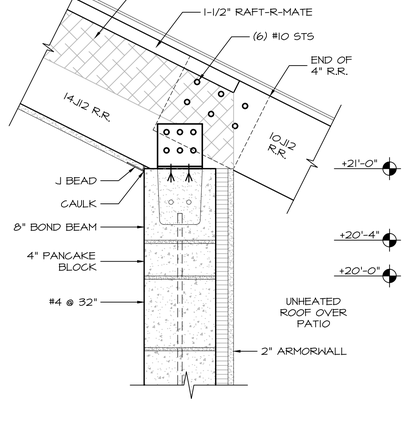
1 ROOF DETAIL

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



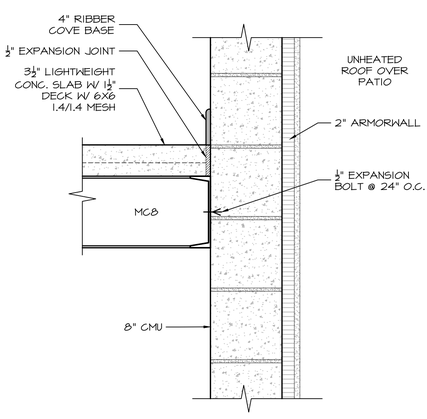
2 SKYLIGHT DETAIL

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



3 ROOF DETAIL

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



4 WALL DETAIL

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

DATE	ISSUED
03-17-2026	ISSUED FOR GENERAL CONSTRUCTION BID AS SINGLE PRIME CONTRACT INCLUDING ALL TRADES

SEAL

SENDLEWSKI ARCHITECTS, P.C.
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ELLENVILLE, NY 12428

STAIR B PLANS / SECTION & DETAILS

PROJECT No. 2501

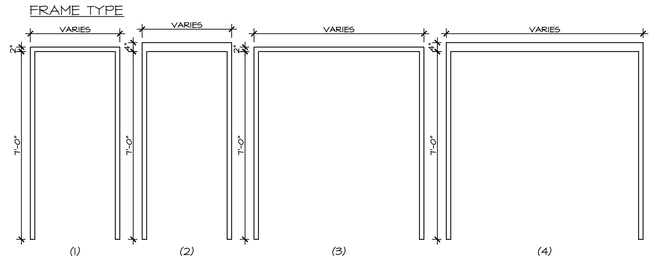
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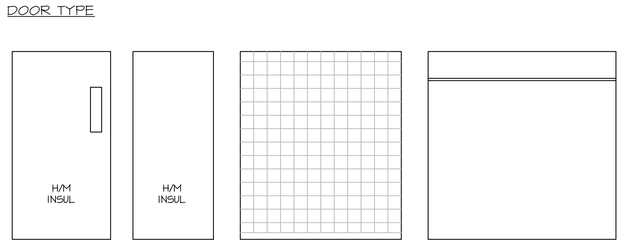
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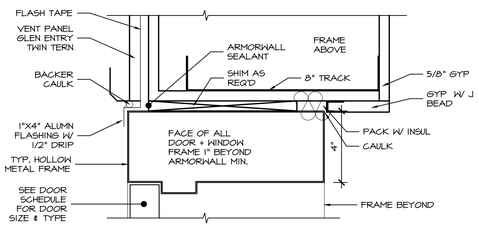
A-5.3

DOOR SCHEDULE

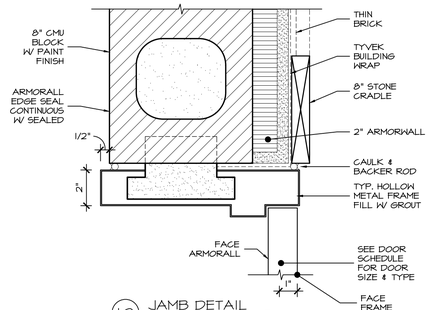
DOOR INFORMATION			SIZE			MATERIAL		FINISH		DETAILS		FRAME TYPE	STRIKE	HARDWARE GROUP	RATINGS	REMARKS
NO.	QTY	TYPE	WIDTH	HEIGHT	THK	DOOR	FRAME	DOOR	FRAME	HEAD	JAMB				LABEL DR & FRAME	
1-01A	1	--	3'-6"	8'-0"	1-3/4"	ALUM/GL	ALUM	--	--	--	--	--	--	--	B	REFER TO A-3.5 FOR ALL DETAILS & INFO
1-01B	1	--	3'-6"	8'-0"	1-3/4"	ALUM/GL	ALUM	--	--	--	--	--	--	--	B	
1-02A	1	--	3'-0"	7'-2"	1-3/4"	ALUM/GL	ALUM	--	--	--	--	--	--	--	B	
1-02B	1	--	3'-0"	7'-2"	1-3/4"	ALUM/GL	ALUM	--	--	--	--	--	--	--	B	
1-02C	1	--	3'-0"	7'-2"	1-3/4"	ALUM/GL	ALUM	--	--	--	--	--	--	--	B	
1-03	1	A	3'-6"	7'-0"	1-3/4"	HM	HM	PT	PT	--	--	1	--	--	B	
1-04	1	A	3'-6"	7'-0"	1-3/4"	HM	HM	PT	PT	--	--	2	--	--	B	
1-05	1	A	3'-6"	7'-0"	1-3/4"	HM	HM	PT	PT	--	--	2	--	--	B	
1-06	1	A	3'-6"	7'-0"	1-3/4"	HM	HM	PT	PT	--	--	2	--	--	B	
1-07	1	A	3'-6"	7'-0"	1-3/4"	HM	HM	PT	PT	--	--	2	--	--	B	
1-08A	1	F	7'-0"	7'-0"	1-3/4"	ALUM/GL	ALUM	--	--	--	--	--	--	--	B	REFER TO A-7.2
1-08B	1	F	7'-0"	7'-0"	1-3/4"	ALUM/GL	ALUM	--	--	--	--	--	--	--	B	
1-09	1	A	3'-0"	7'-0"	1-3/4"	HM	HM	PT	PT	--	--	2	--	--	B	
1-10	1	A	3'-6"	7'-0"	1-3/4"	HM	HM	PT	PT	--	--	2	--	--	B	
1-11	1	A	3'-0"	7'-0"	1-3/4"	HM	HM	PT	PT	--	--	2	--	--	B	
1-12	1	A	3'-0"	7'-0"	1-3/4"	HM	HM	PT	PT	--	--	1	--	--	B	
1-13	1	A	3'-0"	7'-0"	1-3/4"	HM	HM	PT	PT	--	--	1	--	--	B	
1-14	1	A	3'-0"	7'-0"	1-3/4"	HM	HM	PT	PT	--	--	1	--	--	B	REFER TO A-7.2
1-15A	1	A	3'-0"	7'-0"	1-3/4"	HM	HM	PT	PT	--	--	1	--	--	B	
1-15B	1	A	3'-0"	7'-0"	1-3/4"	HM	HM	PT	PT	--	--	1	--	--	B	
1-16	1	E	3'-0"	7'-0"	1-3/4"	ALUM/GL	ALUM	--	--	--	--	--	--	--	B	
1-17	1	B	3'-0"	7'-0"	1-3/4"	HM	HM	PT	PT	--	--	1	--	--	B	
1-18	1	B	3'-0"	7'-0"	1-3/4"	HM	HM	PT	PT	--	--	1	--	--	B	
1-19A	2	C	3'-0"	7'-0"	1-3/4"	ALUM/GL	ALUM	--	--	--	--	--	--	--	B	REFER TO A-7.2
1-19B	2	B	2'-6"	7'-0"	1-3/4"	HM	HM	PT	PT	--	--	--	--	--	B	
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1-21	1	A	3'-0"	7'-0"	1-3/4"	HM	HM	PT	PT	--	--	2	--	--	B	
1-22A	1	A	3'-0"	7'-0"	1-3/4"	HM	HM	PT	PT	--	--	2	--	--	B	
1-22B	1	A	3'-0"	7'-0"	1-3/4"	HM	HM	PT	PT	--	--	2	--	--	B	
1-23	1	A	3'-0"	7'-0"	1-3/4"	HM	HM	PT	PT	--	--	2	--	--	B	
1-24	1	A	3'-0"	7'-0"	1-3/4"	HM	HM	PT	PT	--	--	2	--	--	B	
1-25A	1	B	3'-8"	7'-0"	1-3/4"	HM	HM	PT	PT	--	--	2	--	--	B	
1-25B	1	B	3'-8"	7'-0"	1-3/4"	HM	HM	PT	PT	--	--	2	--	--	B	
1-26	1	E	3'-0"	7'-0"	1-3/4"	ALUM/GL	ALUM	--	--	--	--	--	--	--	B	REFER TO A-7.2
1-27	1	A	3'-0"	7'-0"	1-3/4"	HM	HM	PT	PT	--	--	2	--	--	B	
1-28	1	A	3'-0"	7'-0"	1-3/4"	HM	HM	PT	PT	--	--	2	--	--	B	
1-29	1	A	3'-0"	7'-0"	1-3/4"	HM	HM	--	--	--	--	2	--	--	B	
M-01	1	A	3'-0"	7'-0"	1-3/4"	HM	HM	PT	PT	--	--	2	--	--	B	
M-02	1	A	3'-0"	7'-0"	1-3/4"	HM	HM	PT	PT	--	--	2	--	--	B	
M-03	1	A	3'-0"	7'-0"	1-3/4"	HM	HM	PT	PT	--	--	2	--	--	B	
M-04	1	A	3'-0"	7'-0"	1-3/4"	HM	HM	PT	PT	--	--	2	--	--	B	
2-01A	1	A	3'-0"	7'-0"	1-3/4"	HM	HM	PT	PT	--	--	1	--	--	B	
2-01B	1	A	3'-0"	7'-0"	1-3/4"	HM	HM	PT	PT	--	--	1	--	--	B	
2-01C	1	A	3'-0"	7'-0"	1-3/4"	HM	HM	PT	PT	--	--	1	--	--	B	
2-02	1	A	3'-0"	7'-0"	1-3/4"	HM	HM	PT	PT	--	--	1	--	--	B	
2-03	1	A	3'-0"	7'-0"	1-3/4"	HM	HM	PT	PT	--	--	1	--	--	B	
2-04	1	A	3'-0"	7'-0"	1-3/4"	HM	HM	PT	PT	--	--	1	--	--	B	
2-05A	1	A	3'-0"	7'-0"	1-3/4"	HM	HM	PT	PT	--	--	1	--	--	B	
2-05B	1	A	3'-0"	7'-0"	1-3/4"	HM	HM	PT	PT	--	--	1	--	--	B	
2-05C	1	A	3'-0"	7'-0"	1-3/4"	HM	HM	PT	PT	--	--	1	--	--	B	
2-06	1	A	3'-0"	7'-0"	1-3/4"	HM	HM	PT	PT	--	--	1	--	--	B	
2-07	1	A	3'-0"	7'-0"	1-3/4"	HM	HM	PT	PT	--	--	2	--	--	B	
2-08A	1	A	3'-6"	7'-0"	1-3/4"	HM	HM	PT	PT	--	--	2	--	--	B	
2-08B	1	A	3'-6"	7'-0"	1-3/4"	HM	HM	PT	PT	--	--	2	--	--	B	
2-08C	1	B	3'-0"	7'-0"	1-3/4"	HM	HM	PT	PT	--	--	2	--	--	B	
2-08D	1	--	3'-0"	7'-2"	1-3/4"	ALUM/GL	ALUM	--	--	--	--	--	--	--	B	
2-09	1	B	3'-0"	7'-0"	1-3/4"	HM	HM	PT	PT	--	--	2	--	--	B	
2-10	1	B	3'-0"	7'-0"	1-3/4"	HM	HM	PT	PT	--	--	2	--	--	B	
2-11	1	A	3'-0"	7'-0"	1-3/4"	HM	HM	PT	PT	--	--	2	--	--	B	
2-12	1	A	3'-8"	7'-0"	1-3/4"	HM	HM	PT	PT	--	--	2	--	--	B	
2-13	1	A	3'-0"	7'-0"	1-3/4"	HM	HM	PT	PT	--	--	1	--	--	B	
2-14A	1	A	3'-0"	7'-0"	1-3/4"	HM	HM	PT	PT	--	--	1	--	--	B	
2-14B	1	A	3'-0"	7'-0"	1-3/4"	HM	HM	PT	PT	--	--	1	--	--	B	



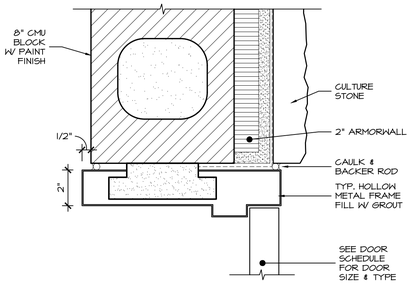




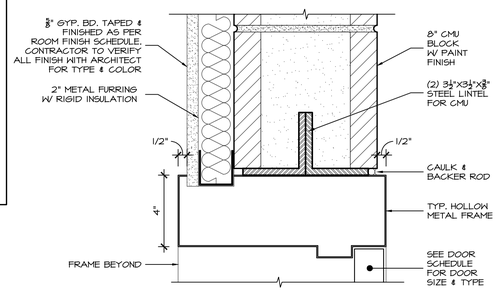
1.1 HEAD DETAIL CMU WALL EXT.



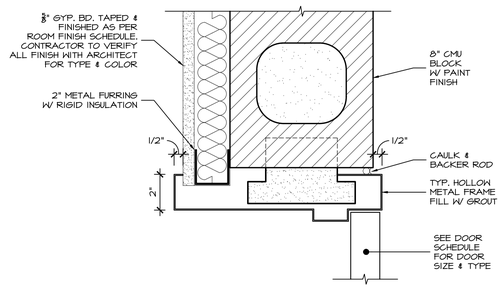
1.2 JAMB DETAIL CMU WALL EXT.



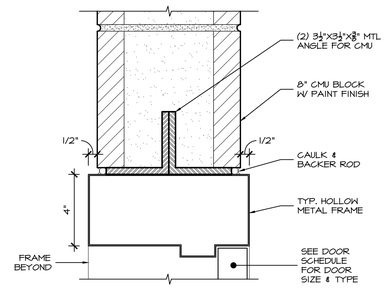
1.3 JAMB DETAIL FRAME WALL EXT.



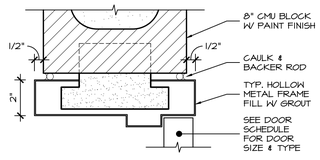
2.1 HEAD DETAIL CMU WALL INT.



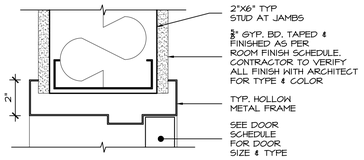
2.2 JAMB DETAIL CMU WALL INT.



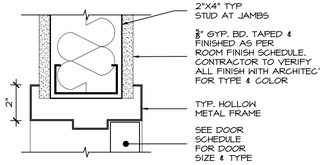
3.1 HEAD DETAIL CMU WALL INT.



3.2 JAMB DETAIL CMU WALL INT.



4 HEAD/ JAMB DETAIL FRAMED WALL INT.



5 HEAD/ JAMB DETAIL FRAMED WALL INT.

DOOR/HARDWARE NOTES:

1. ALL DOOR FRAMES AT MASONRY WALLS SHALL HAVE 4" HEAD (TYPE 3)
2. DOOR FRAMES TO BE PRE-CUT TO ALLOW FOR ELEC. DOOR STRIKE HARDWARE. WHERE NOTED OF REQUIRED PER HARDWARE GROUP
3. ALL DOORS TO BE B-LABEL RATED UNLESS OTHERWISE NOTED ON SCHEDULE
4. DOORS WITH GLASS EXCEEDING 100 SQ. INCH SHALL BE FIRE RATED GLASS (TYP.)
5. GC SHALL CONFIRM ALL DOOR & HARDWARE SCHEDULES WITH ARCHITECT PRIOR TO PURCHASE.
6. GC SHALL FIELD REVIEW & CONFIRM ALL DOOR LOCATIONS THAT ARE TO RECEIVE ELECTRIC STRIKES WITH ELECTRICIAN FOR WIRING COORDINATION.
7. GC SHALL CONFIRM KEYING SCHEDULE (THREE KEYING OPTIONS MINIMUM) WITH OWNER. INCLUDING MASTER, A+B.
8. PRESENT ANY CONFLICTS TO ARCHITECT IN WRITING.

INTERIOR SIGNAGE REQUIREMENTS (BY GENERAL CONTRACTOR)

1. ALL INTERIOR DOORS SIGNAGE SHALL RECEIVE ADP COMPLIANT SIGHNAGE WITH EACH ROOM NAME AND NUMBER (TOTAL_____)
2. PROVIDE INTERNATIONAL SIGNAGE AT EACH ELEVATOR LANDING.
3. ALL SIGNAGE (EXCLUDING ELEVATOR) SHALL BE 3" X 6" GREY WITH WHITE WHEN LAZER CUT 1/16" ETCHED LETTERING, EDGES WITH SQUARE CORNERS. TACTILE GRAPHICS TO BE RAISED 1/32 IN ABOVE BASE.
4. ALL SIGNAGE TO HAVE FORM ADHESIVE MOUNTING STRIPS.
5. SIGNAGE TO BE BY " SIGNAGE "SIGN FACTORY" OR EQUAL. PROVIDE SAMPLE AND FULL LIST OF SIGNAGE FOR APPROVAL.

HARDWARE GROUP 1 (STOREFRONT)

QTY	TYPE	MFG	DESCRIPTION	FIN.
3	HINGES	KAHNEER	4.5 X 4.0	S.S.
1	RIM PANICS	DORMA	9700	689 ALUM
1	CLOSERS	LCN	2030	N/A
1	ELECTRIC STRIKES	HES	7000	US26P
1	SADDLES	KAHNEER	STANDARD	MILL
1	TRIM	DORMA	2P03	689 ALUM
1	WEATHERSTRIP	KAHNEER	STANDARD	N/A
1	FACE PLATE	NES	7895	US26P

HARDWARE GROUP 2 (H.M. EXTERIOR)

QTY	TYPE	MFG	DESCRIPTION	FIN.
3	HINGES	PBB	BB81 4.5 X 4.5 NRP	26D
1	RIM PANICS	DORMA	F9300 X TR08	32D
1	CLOSERS	PDQ	5100 BC DS	689
1	ELECTRIC STRIKES	HES	9500 LBM	32D
1	WALL STOPS (WHERE REQ'D)	RKWD	406	32D
1	SADDLE	REESE	5284D(WIDTH PER DOOR)	AL
1	KICK PLATES	REESE	M35A(WIDTH PER DOOR)	AL
1	KICK PLATES	REESE	807A(WIDTH PER DOOR)	AL

HARDWARE GROUP 3 (INTERIOR W/ ACCESS)

QTY	TYPE	MFG	DESCRIPTION	FIN.
3	HINGES	PBB	BB81 4.5 X 4.5(27- NRP)	26D
1	STOREROOM LOCKS	PDQ	GT 115 PHL	26D
1	CLOSERS	PDQ	5100 BC PA	689
1	ELECTRIC STRIKES	HES	5300	32D
1	WALL STOPS	RKWD	406(WHERE REQ'D)	32D
1	KICK PLATES	RKWD	12 X 34	32D

HARDWARE GROUP 4 (SINGLE OCC TOILETS)

QTY	TYPE	MFG	DESCRIPTION	FIN.
3	HINGES	PBB	BB81 4.5 X 4.5 NRP	26D
1	BULK OCC INDICATOR	SCHLAGE	B571 262	32D
1	PASSAGE SETS	PDQ	GT 126 PHL	26D
1	WALL STOP	RKWD	406	32D
1	CLOSER	RDQ	5100 BC PA	32D
1	KICK PLATES	RKWD	12 X 34	32D

HARDWARE GROUP 5 (PUBLIC TOILETS + OTHER NON SECURE DOORS)

QTY	TYPE	MFG	DESCRIPTION	FIN.
3	HINGES	PBB	BB81 4.5 X 4.5	26D
1	PASSAGE SETS	PDQ	GT 126 PHL	26D
1	CLOSERS	PDQ	5100 BC PA	689
1	STOPS	RKWD	406	32D
1	KICK PLATES	RKWD	12 X 34	32D

NOTES:

1. GC PROVIDES & INSTALLS ALL ELECTRIC STRIKE HARDWARE & SHALL COORDINATE THESE INSTALLS WITH THE ELECTRICIAN (FOR WIRING) AS WELL AS OWNERS ACCESS VENDOR (TBD).
2. GC SHALL VERIFY W/ OWNER ALL DOORS THAT RECEIVE ELECTRIC STRIKES PRIOR TO DOOR/FRAME & HARDWARE ORDER, AS PART OF SUBMITTAL PROCESS. ALL DOORS THAT RECEIVE ELECTRIC STRIKEHES 5300' FLUSH MOUNT STRIKE MUST HAVE PRE-CUT FRAMES AS REQUIRED FOR ELECTRIC STRIKE INSTALLS. COORDINATE DIMENSIONS OF PRE-CUT FRAME WITH DESIGNATED HES ELECTRIC STRIKE.
3. GC SHALL FIELD VERIFY ALL ROUGH OPENINGS OF DOORS TO ENSURE CORRECT SIZE FOR EACH DOOR LOCATION, AND MUST ALSO VERIFY CORRECT THROAT DEPTH OF FRAME REQUIRED AT EACH DOOR BASED ON ADJOINING WALL TYPE.
4. ALL DOORS THAT RECEIVE HARDWARE SET '4' (PRIVACY LATCH) MUST HAVE PRE-CUT FRAMES AS REQ'D TO INCLUDE DEADBOLT PRIVACY LATCH INSTALL. GC SHALL COORDINATE WITH DOOR/FRAME MANUFACTURER.

DATE	ISSUED
03-17-2026	ISSUED FOR GENERAL CONSTRUCTION BID AS SINGLE PRIME CONTRACT INCLUDING ALL TRADES

SEAL



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PROPOSED NEW FACILITY
ELLENVILLE FIRE DISTRICT
203 S. MAIN ST. NYS ROUTE 209
ELLENVILLE, NY 12428

DOOR SCHEDULE

PROJECT No. 2501

CHECKED BY:

DRAWING:

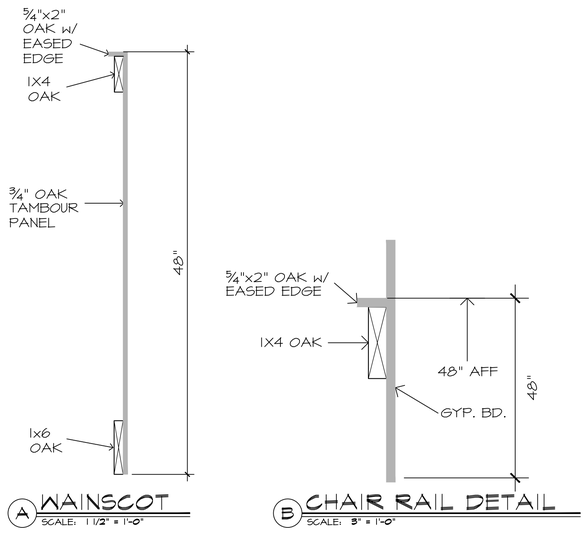
A-6.1

FINISH SCHEDULE KEY NOTES:

1. PROVIDE RUBBER STAIR TREADS. PAINT STRINGERS AND RISERS TYPICAL. LANDINGS TO BE MET W/ RUBBER BASE.
2. PROVIDE 2" X 2" STAINLESS GUARD IN OUTSIDE CORNERS.
3. ALL DOOR FRAMES, TRIMS, SOFFITS, RAILINGS, EXPOSED STL. LINTELS, ETC. TO HAVE PAINT FINISH TYPICAL.
4. VCT SHALL BE ARMSTRONG 'STANDARD EXCELON IMPERIAL' OR EQUAL. COLOR TO BE SELECTED BY OWNER.
5. ALL GYP. BD. TO BE WATER RESISTANT TYPE, TYP. ALL AREAS.
6. PROVIDE DUROCK WALLBOARD AT ALL WALL TILE AREAS TYP.
7. ALL INTERIOR WOOD DOORS, TRIM, MOLDING, BASEBOARD TO HAVE STAIN/VARNISH FINISH.
8. CARPET TILE TO BE MOHAWK "MINDFUL STRIPE - BT447", COLOR BY OWNER.
9. ALL FLOOR FINISHES SPECIFIED SHALL BE SUBSTITUTED WITH AN OWNER/ARCHITECT APPROVED EQUAL IN THE EVENT THE ORIGINAL MAKE/MODEL SPECIFIED IS DISCONTINUED.
10. GC SHALL SUPPLY ATTIC STOCK (200 S.F. MIN) FOR ALL MODULAR FLOOR FINISHES (TILE/CARPET TILE/ETC.) FOR OWNER FUTURE USE.
11. TILE TO BE BY DALTILE, REFER TO DRAWINGS FOR TILE SCHEDULE.
12. SHALL PROVIDE A FULL MOCK-UP PANEL CONSISTING OF ALL OWNER SELECTED PAINT FINISHES, FOR APPROVAL, PRIOR TO COMMENCEMENT OF ANY PAINTING.
13. SHALL ENSURE THAT ALL CMU TO RECEIVED PAINT FINISH IS PROPERLY BRUSHED & PREPARED PRIOR TO PAINTING.
14. PAINTED CMU SHALL RECEIVE BLOCK-FILLER BASE PAINT AS PREPARATION TO PAINTING.
15. AREAS TO RECEIVE FINISH PAINT SHALL NOT GET ITS FINAL COAT UNTIL THE END OF THE PROJECT PUNCH-LIST PHASE, AND ONLY WHEN ALL OTHER TRADES/VENDORS HAVE BEEN CONFIRMED TO BE COMPLETED WITH THEIR WORK IN ALL AREAS.
16. GYP. BD SHALL RECEIVE 1 COAT PRIMER + 2 COATS FINISH.
17. C AREA TO RECEIVE 1 PRIMER COAT PAINT.

LAY-IN CEILING TYPES

1. FISSURED TEGULAR MEDIUM TEXTURE 24" X 24" X 5/8" WITH PRELUDE XL 15/16" SUSPENSION SYSTEM.
2. CIRRUS HIGH NRC, TEGULAR MEDIUM TEXTURE. 24" X 24" X 5/8" SUPRAFINE XL 9/16" SUSPENSION SYSTEM.
3. KITCHEN ZONE SQUARE LAY-IN SMOOTH TEXTURE, 24" X 24" X 5/8" WITH PRELUDE XL 15/16" SUSPENSION SYSTEM.



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

B CHAIR RAIL DETAIL
SCALE: 3" = 1'-0"

FINISH SCHEDULE

ROOM	NAME	FLOOR		BASE		WALLS								CEILING			KEY NOTES	WAINSCOTT/CORNER RAIL	
						NORTH		EAST		SOUTH		WEST							
		MATERIAL	FINISH	MATERIAL	HEIGHT	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	TYPE/PTN	HEIGHT		TYP	HT.
101A	TANDEM/SINGLE BAYS	CONC	EPOXY	EPOXY	4"	CMU	EPPT	CMU	EPPT	CMU	EPPT	CMU	EPPT	STEEL	PT	--	14	N.A.	N.A.
101B	GEAR WASH & DECON	CONC	EPOXY	EPOXY	4"	CMU	EPPT	CMU	EPPT	CMU	EPPT	CMU	EPPT	STEEL	PT	8'-0"	14	N.A.	N.A.
102	WATER SVC.	CONC	EPOXY	EPOXY	4"	CMU	EPPT	CMU	EPPT	CMU	EPPT	CMU	EPPT	GB	PT	8'-0"	14	N.A.	N.A.
103	ELECTRIC SVC.	CONC	EPOXY	EPOXY	4"	CMU	EPPT	CMU	EPPT	CMU	EPPT	CMU	EPPT	GB	PT	8'-0"/T'-0"	14	N.A.	N.A.
104	SCBA	CONC	EPOXY	EPOXY	4"	CMU	EPPT	CMU	EPPT	CMU	EPPT	CMU	EPPT	GB	PT	8'-0"/T'-0"	14	N.A.	N.A.
105	WORK ROOM	CONC	EPOXY	EPOXY	4"	CMU	EPPT	CMU	EPPT	CMU	EPPT	CMU	EPPT	GB	PT	8'-0"/T'-0"	14	N.A.	N.A.
106	DELIVERY	CONC	EPOXY	EPOXY	4"	CMU	EPPT	CMU	EPPT	CMU	EPPT	CMU	EPPT	GB	PT	8'-0"/T'-0"	14	N.A.	N.A.
107	READY ROOM	CONC	EPOXY	RB	4"	GB	PT	GB	PT	GB	PT	GB	PT	ACT	1	T'-8"	15/15/16	A	48"
108	STORAGE	CONC	EPOXY	EPOXY	4"	CMU	EPPT	CMU	EPPT	CMU	EPPT	CMU	EPPT	GB	PT	8'-4"	14	N.A.	N.A.
109	GEAR AREA	CONC	EPOXY	EPOXY	4"	CMU	EPPT	CMU	EPPT	CMU	EPPT	CMU	EPPT	GB	PT	8'-0"/T'-0"	14	N.A.	N.A.
110A	CLOSET	CONC	EPOXY	EPOXY	4"	CMU	EPPT	CMU	EPPT	CMU	EPPT	CMU	EPPT	GB	PT	8'-0"	14	N.A.	N.A.
110B	STAIR "B"	CONC	EPOXY	EPOXY	4"	CMU	EPPT	CMU	EPPT	CMU	EPPT	CMU	EPPT	STEEL	PT	VARIES	1/14	N.A.	N.A.
111	JANITOR	CONC	EPOXY	EPOXY	4"	CMU	EPPT	CMU	EPPT	CMU	EPPT	CMU	EPPT	GB	PT	8'-0"	14	N.A.	N.A.
112	COMMUNITY/SHELTER ROOM (120 SEAT)	CONC	EPOXY	RB	4"	GB	PT	GB	PT	GB	PT	GB	PT	ACT	1/PT	10'-0"/9'-0"	15/16	A	48"
113A	TABLE & CHAIR STORAGE	CONC	EPOXY	RB	4"	GB	PT	GB	PT	GB	PT	GB	PT	GB	PT	8'-0"	15/16	N.A.	N.A.
113B	SERVICE AREA	CONC	EPOXY	RB	4"	GB	PT	GB	PT	GB	PT	GB	PT	GB	PT	T'-0"/9'-0"	15/16	N.A.	N.A.
114	MEN'S RESTROOM	CONC	EPOXY	EPOXY	4"	GB	PT	GB	PT	GB	PT	GB	PT	ACT	3	T'-8"	5/8/15/16	N.A.	N.A.
115	WOMAN'S RESTROOM	CONC	EPOXY	EPOXY	4"	GB	PT	GB	PT	GB	PT	GB	PT	ACT	3	T'-8"	5/8/15/16	N.A.	N.A.
116A	LOBBY	CONC	EPOXY	RB	4"	GB	PT	GB	PT	GB	PT	GB	PT	ACT	1/PT	8'-0"/17'-4" 16'-10"	15/16	B	48"
116B	VESTIBULE	CONC	EPOXY	RB	4"	GB	PT	GB	PT	GB	PT	GB	PT	GB	PT	16'-10"	15/16	N.A.	N.A.
116C	STAIR "A"	CONC	RT	RB	4"	GB	PT	GB	PT	GB	PT	GB	PT	ACT	1	VARIES	1/15/16	N.A.	N.A.
117A	FITNESS ROOM	CONC	EPOXY	RB	4"	GB	PT	GB	PT	GB	PT	GB	PT	ACT	1	11'-0"	15/16	N.A.	N.A.
117B	CLOSET	CONC	EPOXY	RB	4"	GB	PT	GB	PT	GB	PT	GB	PT	ACT	1	8'-0"	15/16	N.A.	N.A.
118	CHIEFS ROOM	CONC	EPOXY	RB	4"	GB	PT	GB	PT	GB	PT	GB	PT	ACT	1	11'-0"	15/16	N.A.	N.A.
119	VESTIBULE	CONC	EPOXY	RB	4"	GB	PT	GB	PT	GB	PT	GB	PT	ACT	2	12'-4"	15/16	A	48"
120	RADIO ROOM	CONC	EPOXY	RB	4"	GB	PT	GB	PT	GB	PT	GB	PT	ACT	1	9'-0"/ 8'-0"	15/16	N.A.	N.A.
121	INFO/MAIL AREA	CONC	EPOXY	RB	4"	GB	PT	GB	PT	GB	PT	GB	PT	ACT	1	9'-0"/ 8'-0"	15/16	N.A.	N.A.
122	JANITOR	CONC	EPOXY	RB	4"	GB	FRP	GB	FRP	GB	FRP	GB	FRP	ACT	1	9'-0"	15/16	N.A.	N.A.
123	BATHROOM/ SHOWER	CONC	EPOXY	EPOXY	4"	CMU	EPPT	CMU	EPPT	CMU	EPPT	CMU	EPPT	ACT	3	8'-0"	5/8/15/16	N.A.	N.A.
124	BATHROOM/ SHOWER	CONC	EPOXY	EPOXY	4"	CMU	EPPT	CMU	EPPT	CMU	EPPT	CMU	EPPT	ACT	3	8'-0"	5/8/15/16	N.A.	N.A.
125A	KITCHEN	CONC	EPOXY	RB	4"	GB	PT	GB	PT	GB	PT	GB	PT	ACT	3/PT	9'-0"/8'-4" T'-0"	11	N.A.	N.A.
125B	KITCHEN SERVICE AREA	CONC	PT	RB	4"	GB	PT	GB	PT	GB	PT	GB	PT	GB	PT	8'-4"/T'-0"	11	N.A.	N.A.
M-01	MEZZANINE	CONC	EPOXY	N/A	N/A	CMU	EPPT	CMU	EPPT	CMU	EPPT	CMU	EPPT	STEEL	PT	--	14	N.A.	N.A.
M-02	STAIR B	CONC	EPOXY	N/A	N/A	CMU	EPPT	CMU	EPPT	CMU	EPPT	CMU	EPPT	STEEL	PT	--	1	N.A.	N.A.
M-03	MECHANICAL ROOM	CONC	EPOXY	N/A	N/A	CMU	EPPT	CMU	EPPT	GB	EPPT	CMU	EPPT	STEEL	PT	--	14	N.A.	N.A.
M-04	KIT. EXH	CONC	EPOXY	N/A	N/A	CMU	EPPT	CMU	EPPT	CMU	EPPT	CMU	EPPT	STEEL	PT	--	14	N.A.	N.A.
M-05	ENCLOSED STORAGE MEZZANINE	CONC	PT	N/A	N/A	CMU	EPPT	CMU	EPPT	CMU	EPPT	CMU	EPPT	STEEL	PT	--	14	N.A.	N.A.
M-06	TRAINING MEZZANINE	CONC	PT	N/A	N/A	CMU	EPPT	CMU	EPPT	CMU	EPPT	CMU	EPPT	STEEL	PT	VARIES	14	N.A.	N.A.
201A	CORRIDOR	CONC	EPOXY	RB	4"	GB	PT	GB	PT	GB	PT	GB	PT	ACT	1	9'-0"/8'-4"	15/16	B	48"
201B	STAIR A	CONC	EPOXY	RB	4"	GB	PT	GB	PT	GB	PT	GB	PT	ACT	1	VARIES	1/14	B	48"
202A	SECRETARY/TREAS.	CONC	CPT	RB	4"	GB	PT	GB	PT	GB	PT	GB	PT	ACT	2	9'-0"	15/16	A	48"
202B	FILE ROOM	CONC	LVT	RB	4"	GB	PT	GB	PT	GB	PT	GB	PT	ACT	1	9'-0"	15/16	N.A.	N.A.
203	COMMISSIONERS OFFICE	CONC	CPT	RB	4"	GB	PT	GB	PT	GB	PT	GB	PT	ACT	2	9'-0"/8'-0"	B	B	48"
204	I.T. ROOM	CONC	EPOXY	N/A	N/A	GB	PT	GB	PT	GB	PT	GB	PT	ACT	1	9'-0"	15/16	N.A.	N.A.
205	CAPTAINS OFFICE	CONC	CPT	RB	4"	GB	PT	GB	PT	GB	PT	GB	PT	ACT	2	9'-0"	B	A	48"
206A	CONFERENCE ROOM	CONC	CPT	RB	4"	GB	PT	GB	PT	GB	PT	GB	PT	ACT	2	9'-0"	B	A	48"
206B	CLOSET	CONC	CPT	RB	4"	GB	PT	GB	PT	GB	PT	GB	PT	ACT	2	8'-0"	B	N.A.	N.A.
207	CIVIL OFFICERS	CONC	CPT	RB	4"	GB	PT	GB	PT	GB	PT	GB	PT	ACT	1	9'-0"	B	A	48"
208A	TRAINING/CLASSROOM	CONC	EPOXY	RB	4"	GB	PT	GB	PT	GB	PT	GB	PT	ACT	1	10'-0"/9'-0"	15/16	A	48"
208B	CLOSET	CONC	EPOXY	RB	4"	GB	PT	GB	PT	GB	PT	GB	PT	ACT	1	8'-0"	15/16	N.A.	N.A.
209	MEN'S BATHROOM	CONC	EPOXY	EPOXY	4"	CT	GT	GT	CT	CT	GT	GT	GT	ACT	1	8'-10"	5/8/15/16	N.A.	N.A.
210	WOMEN'S BATHROOM	CONC	EPOXY	EPOXY	4"	CT	GT	GT	CT	CT	GT	GT	GT	ACT	1	8'-10"	5/8/15/16	N.A.	N.A.
211	STAIR B	CONC	EPOXY	RB	4"	GB	PT	GB	PT	GB	PT	GB	PT	GB	PT	VARIES	1/14	N.A.	N.A.
212	HOUSEKEEPING	CONC	EPOXY	RB	4"	CMU	N/A	CMU	N/A	CMU	N/A	CMU	N/A	GB	PT	8'-0"	14	N.A.	N.A.
213	ATTIC	CONC	CONC	NONE	4"	CMU/GYP	N/A	CMU/GYP	N/A	CMU/GYP	N/A	CMU/GYP	N/A	GB	PT	10'-0"	14	N.A.	N.A.
214	ELEVATOR	WD	EPOXY	SEE ELEVATOR NOTES														N.A.	N.A.

LEGEND:

ABBREVIATIONS

ACT	ACOUSTICAL CEILING TILE	RB	4" HIGH ROPPE RUBBER BASE. USE FORMED CORNERS
CMU	CONCRETE BLOCK		
CONC	CONCRETE	RT	ROPPE RUBBER TREAD DIAMOND DESIGN
CPT	CARPET TILE		
EPOXY	EPOXY FLOOR & BASE FINISH SYSTEM	PT	PAINT
		GB	GYPSUM BOARD
EPPT	EPOXY PAINT	WS	WAINSCOT
FRP	FIRE RESISTANT PANEL	FF	FACTORY FINISH
N/A	NOT APPLICABLE	LVT	LUXURY VINYL TILE

ELEVATOR NOTES:

1. ELEVATOR WALLS TO BE 5WL RIGIDIZED STAINLESS STEEL.
2. HANDRAIL WILL BE ROUND CURVED, POSITION OF HANDRAILS TO BE 3 SIDED, WALL TO WALL. NOTE: HANDRAIL ENDS WILL BE STRAIGHT AND CURVED, ACCORDING TO EN81-70.
3. SKIRTING TO BE FLUSHED.
4. CEILING TO BE DOWNLIGHT, CEILING FINISH IS #4 BRUSHED STAINLESS STEEL.
5. ENTRANCE DETAILS AS FOLLOWS, CAR DOOR FINISH TO BE #4 BRUSHED STAINLESS STEEL OXODIZED. FRAME STYLE TO BE STONEHENGE.
6. VANDAL-RESISTANT TO BE USED FOR CAR OPERATING PANEL, CAR POSITION AND DIRECTION INDICATOR, LANDING OPERATING PANEL, AND HORIZONTAL CAR POSITION AND DIRECTION INDICATOR.

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SEAL



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PROPOSED NEW FACILITY
ELLENVILLE FIRE DISTRICT
203 S. MAIN ST. NYS ROUTE 209
ELLENVILLE, NY 12428

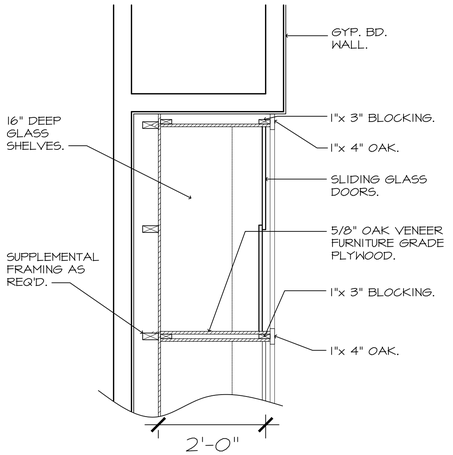
FINISH SCHEDULE

PROJECT No. 2501

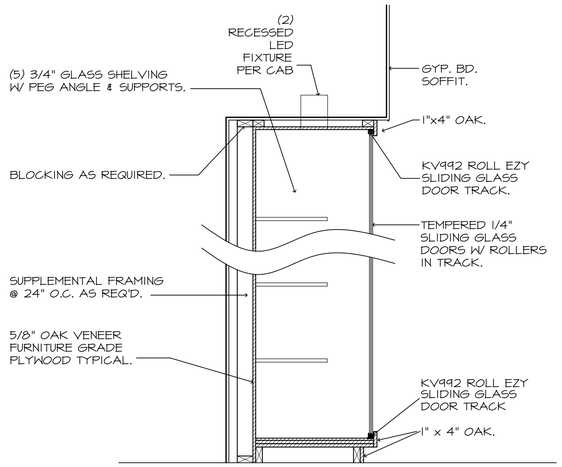
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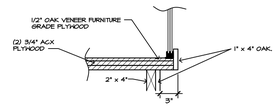
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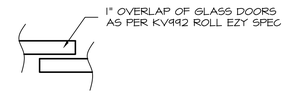
TROPHY CASE DETAIL
SCALE: 1/2" = 1'-0"



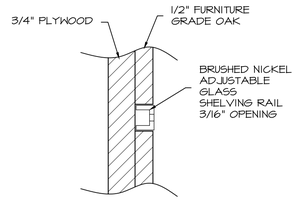
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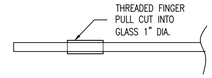
TROPHY CASE GLASS OVERLAP
SCALE: (NTS)



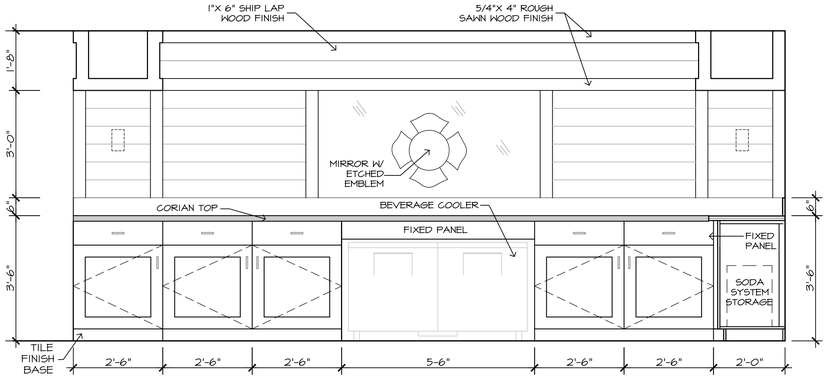
TROPHY CASE DETAIL
SCALE: (N.T.S)



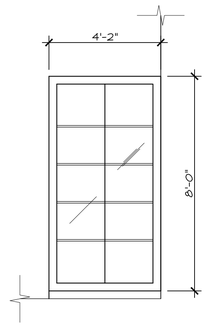
TROPHY CASE SHELF RAIL
SCALE: (NTS)



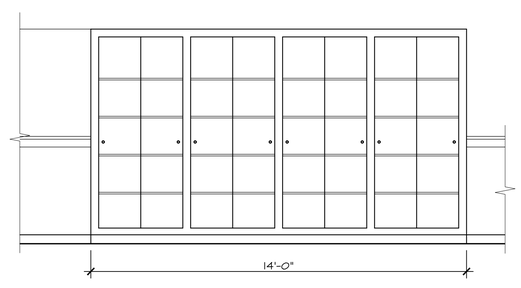
GLASS DOOR HANDLE DETAIL
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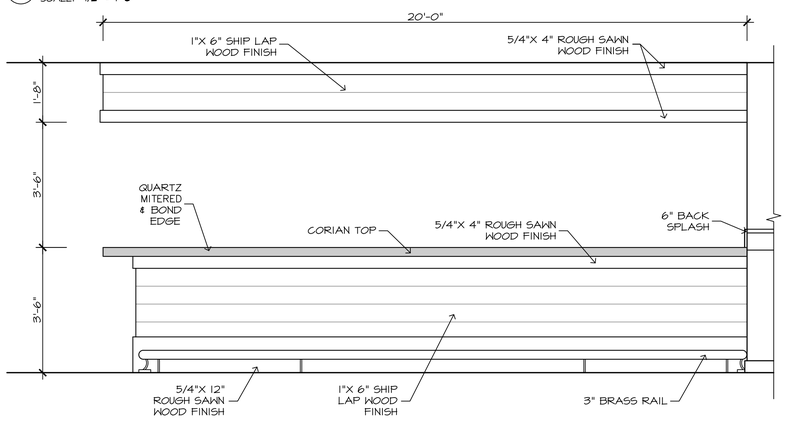
1 SERVICE COUNTER ELEVATION
SCALE: 1/2" = 1'-0"



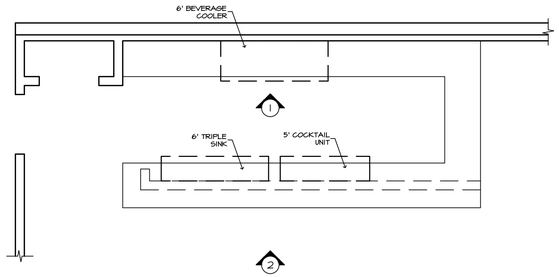
3 LOBBY ELLEVATION
SCALE: 3/8" = 1'-0"



4 LOBBY ELLEVATION
SCALE: 3/8" = 1'-0"



2 SERVICE COUNTER ELEVATION
SCALE: 1/2" = 1'-0"



A TRAINING ROOM SVC
SCALE: 1/4" = 1'-0"

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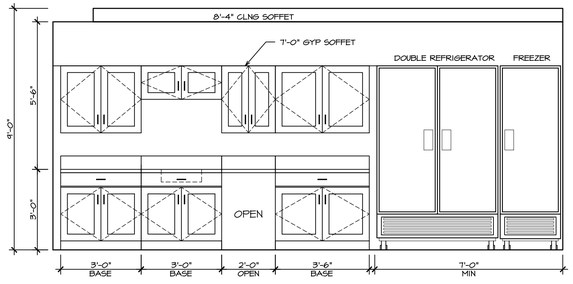
FINISH DETAILS

PROJECT No. 2501

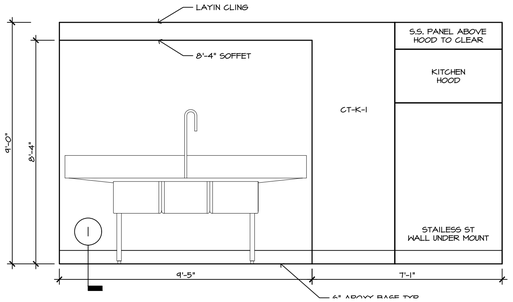
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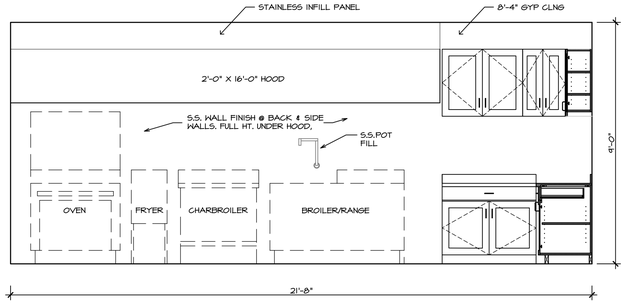
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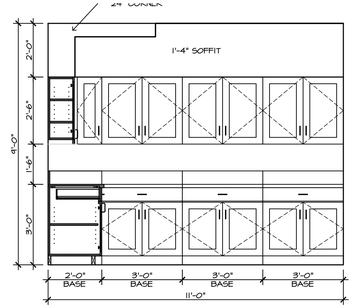
A EAST
SCALE: 3/8" = 1'-0"



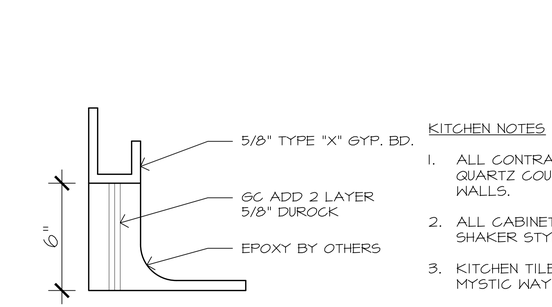
B SOUTH
SCALE: 3/8" = 1'-0"



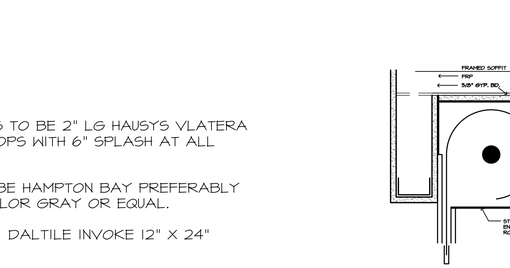
C WEST
SCALE: 3/8" = 1'-0"



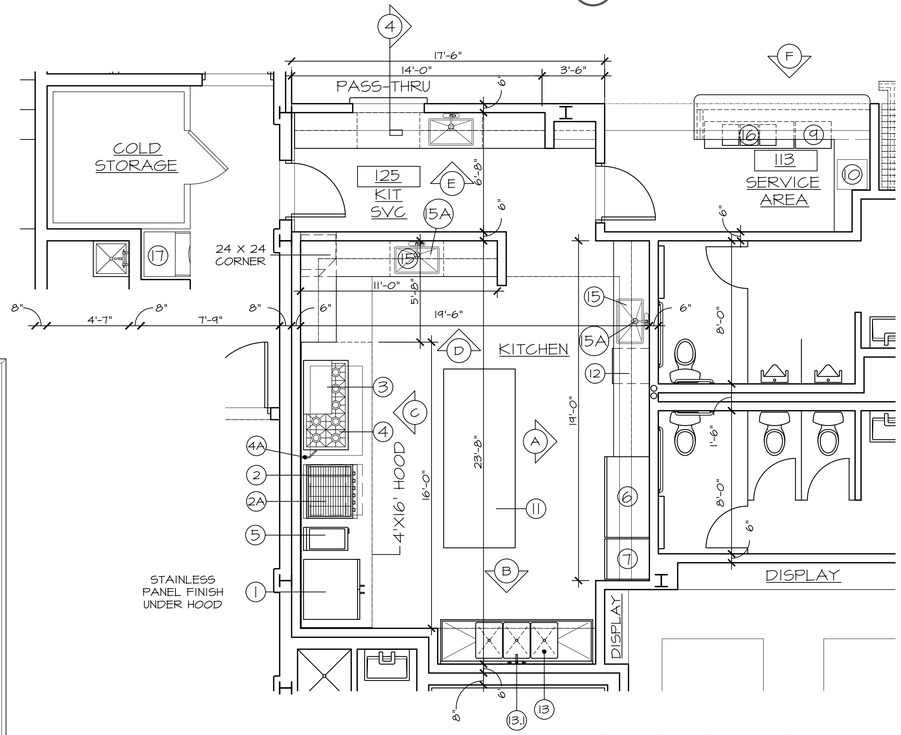
D NORTH
SCALE: 1/2" = 1'-0"



E NORTH
SCALE: 3/8" = 1'-0"



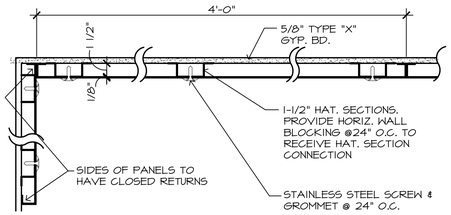
F READY ROOM SERVICE COUNTER
SCALE: 3/8" = 1'-0"



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

EQUIPMENT LIST: LP GAS TYPICAL ALL EQUIPMENT INCLUDED IN CONTRACT

1)	VULCAN GAS CONVECTION OVEN	(MODEL: V66GD)
2)	VULCAN GAS CHARBROILER	(MODEL: VCRB36)
2A)	ADVANCE TABCO 30"X36" STAINLESS TABLE	(MODEL: KSLAG-303X)
3)	VULCAN 36" HD GAS SALAMANDER BROILER	(MODEL: 36RBP)
4)	VULCAN 60" GAS RANGE	(MODEL: V60-L LPT. GAS
4A)	KROWNE WALL MOUNT POT FILL	(MODEL: 20-101L)
5)	VULCAN LG500 ALL-PURPOSE GAS FRYER	(MODEL: LG500)
6)	TRUE REACH-IN STAINLESS REFRIGERATOR	(MODEL: TS-49-HC)
7)	TRUE REACH-IN STAINLESS FREEZER	(MODEL: T-23F-HC)
8)	ICE-O-MATIC ICE CUBE MAKER	(MODEL: ICE 0250)
9)	ICE BIN W/ COLD PLATE	(MODEL: SLI-16-36-7)
10)	TRUE BAR REFRIGERATOR	(MODEL: TBR36-R1S2I-L-S-G-1)
11)	ADVANCE TABCO FLAT TOP 48" X 120"	(MODEL: SS-4810)
12)	24" MAIN STREET EQUIOMENT DISHWASHER	(MODEL: HTUC)
13)	102" X 29" BK 3 COMPARMENT SINK W/ DECK MOUNT	(MODEL: CRB-43R)
13A)	ELKROY PRERINSE FAUCET	(MODEL: LK843AF086)
14)	18" X 36" ADVANCE TABCO 3 COMP SINK	(MODEL: CRB-43R)
15)	DELTA UNDERMOUNT SINGLE BOWL SINK	(MODEL: 95303-305-SS)
15A)	MOEN GILDEN	(MODEL: 87679)
16)	ADVANCE TABCO 2 COMP	(MODEL: CRB-42C)
17)	ICE-O-MATIC ICE MACHINE	(MODEL: CIM0330)

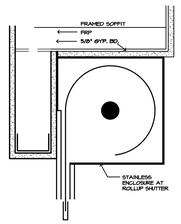


A STAINLESS STL. WALL DETAILS
SCALE: 1 1/2" = 1'-0"

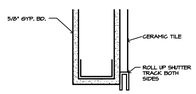
1 BASE DETAIL
SCALE: 3" = 1'-0"

KITCHEN NOTES

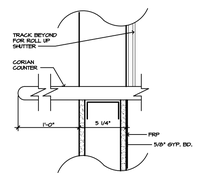
1. ALL CONTRACTORS TO BE 2" LG HAUSYS VLATERA QUARTZ COUNTERTOPS WITH 6" SPLASH AT ALL WALLS.
2. ALL CABINETS TO BE HAMPTON BAY PREFERABLY SHAKER STYLE, COLOR GRAY OR EQUAL.
3. KITCHEN TILE CT-K1 DALTILE INVOKE 12" X 24" MYSTIC WAY ID02.
4. COUNTER ROLL UP 36" WIDE (CLEAR OPEN) X 36" HIGH CLEAR OPEN SURFACE MOUNTED ON KITCHEN SIDE BY OVERHEAD DOOR MODEL 652 W/ CLEAR ANODIZED ALUMINUM FINISH.



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



5 ROLLUP HEAD SECTION
SCALE: 1 1/2" = 1'-0"



6 ROLLUP SILL SECTION
SCALE: 1 1/2" = 1'-0"

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PROPOSED NEW FACILITY
ELLENVILLE FIRE DISTRICT
203 S. MAIN ST. NYS ROUTE 209
ELLENVILLE, NY 12428

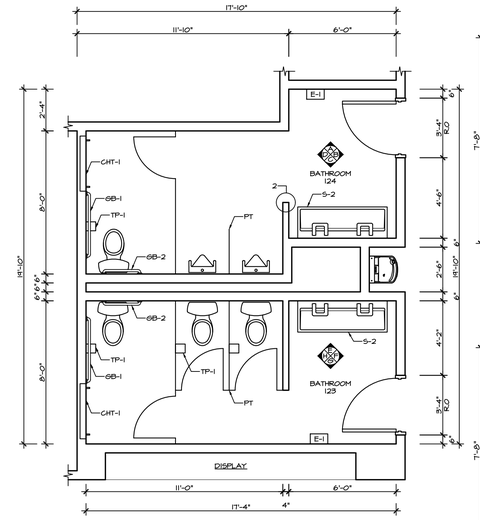
KITCHEN PLANS & ELEVATIONS

PROJECT No. 2501

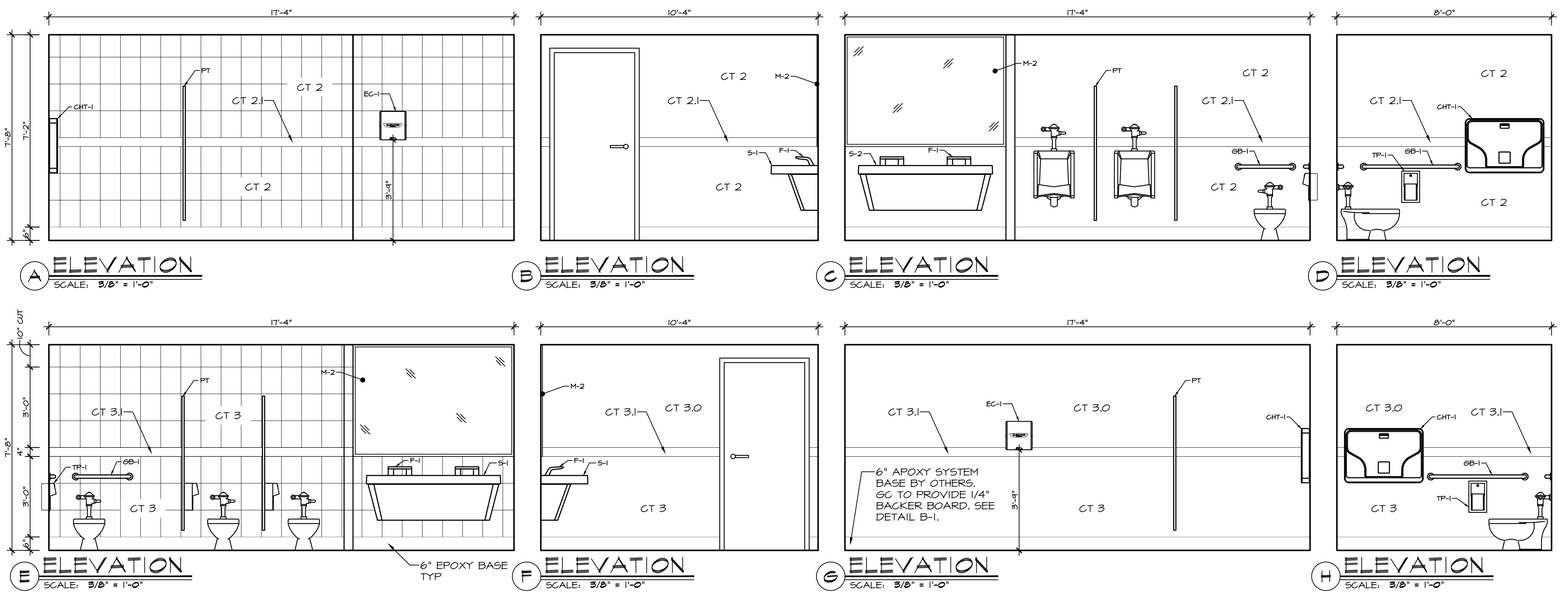
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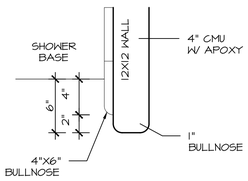
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A-8.1

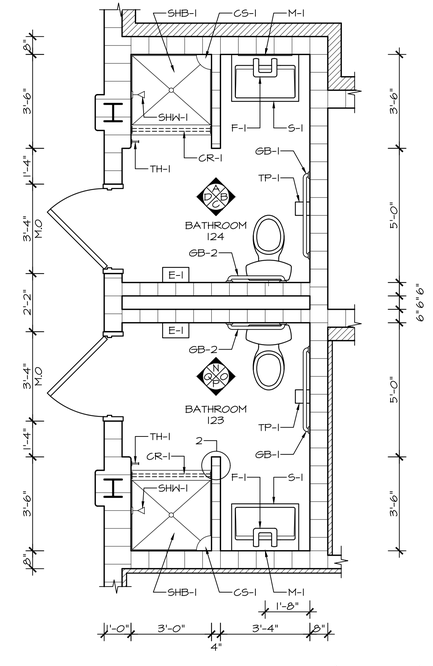


1 PUBLIC RESTROOMS (1ST FL)
SCALE: 1/4" = 1'-0"

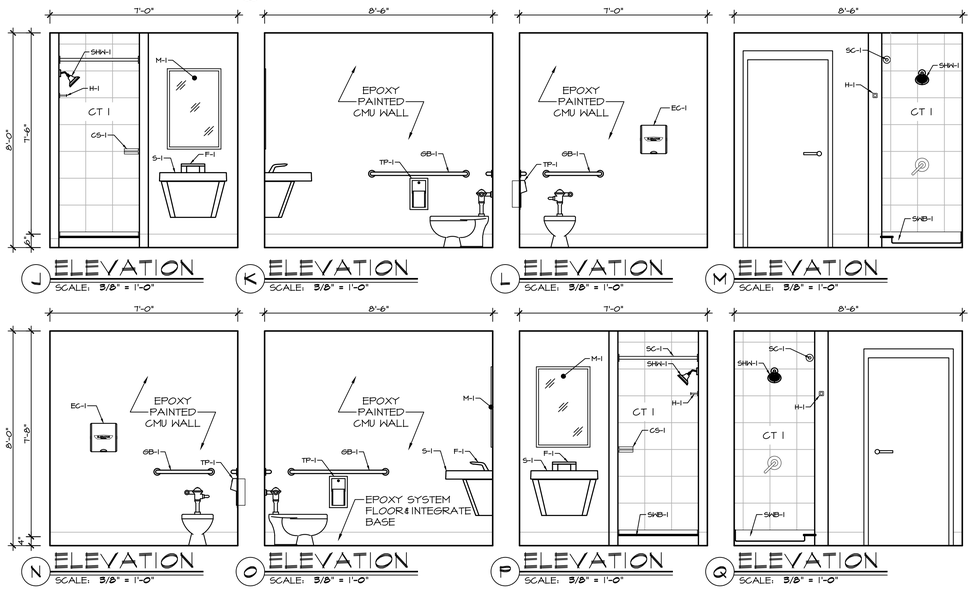




2 ELEVATION
SCALE: 1 1/2" = 1'-0"



2 PRIVATE RESTROOMS (1ST FL)
SCALE: 1/4" = 1'-0"



COORDINATE INSTALLATION OF SHOWER BASE WITH PLUMBER
BASE TO BE KOHLER 36"X 36" ARCHOR K-9396

TOILET PARTITION INFO:
1. PARTITIONS TO BE ASI GLOBAL SOLID PLASTIC, HDPE FLOOR ANCHORED OVERHEAD BRACED.
2. FINISH TO PEBBLE GRAINED, COLOR AS SELECTED BY OWNER.

TILE LENGEND

TILE REF.	SERIES	COLOR	SIZE	NOTE
CT-1	DALTILE SANDALO	CASTILLION GRAY SW92	12"X9" WALL 4"X12" BULLNOSE EDGE	(1) (2)
CT-2	DALTILE SANDALO	CASTILLION GREY SW92	12"X9" WALL TILE	
CT-2.1	DALTILE SANDALO	ZIRCON SW98	6" MOSAIC	
CT-3	DALTILE SANDALO	RAFFIO NOLE SW93	2'X6" BULLNOSE CAP	
CT-3.1	DALTILE SANDALO	SMOKEY TOPAZ SW93	12"X12" FLOOR 2"X2" INLAY 4" FIELD CUT BASE	
CT-4	DALTILE MARBLE FALLS	GREY FALLS SD94	12"X12" WALL TILE	
CT-4.1	DALTILE FASHION ASCEND	BURGENLESH DARK FA09	6" MOSAIC	
CT-5	DALTILE MARBLE TILE	HIGHLAND BEIGE MA42	2'X6" BULLNOSE CAP	
CT-5.1	DALTILE FASHION ASCEND	BURGENLESH DARK FA09	2'X6" BULLNOSE CAP	
CT-6	DALTILE TIGER EYE	CASPIAN TE21	2'X6" BULLNOSE CAP	
CT-7	DALTILE TIGER EYE	BALI TE22	2'X6" BULLNOSE CAP	

(1) COORDINATE TILE INSTALLATION WITH MASONRY CONTRACTOR. ALL CMU TO HAVE FLUSH JOINTS AND SCRATCH COAT.
(2) INSTALL MAPEI MAPELASTIC AQUADEFENSE WATER PROFANE AND CRACK ISOLATION MEMBRANE AT SURFACES TO RELIEVE TILE.

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BATHROOM PLANS & ELEVATIONS

PROJECT No. 2501

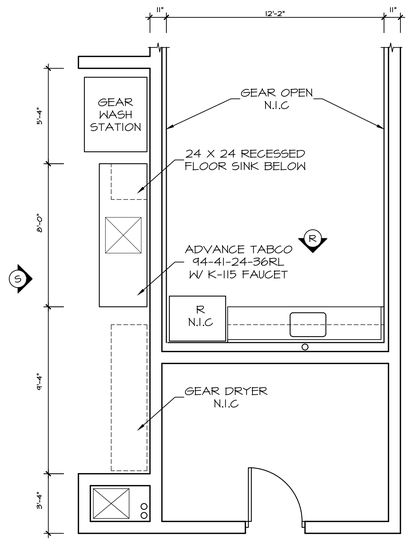
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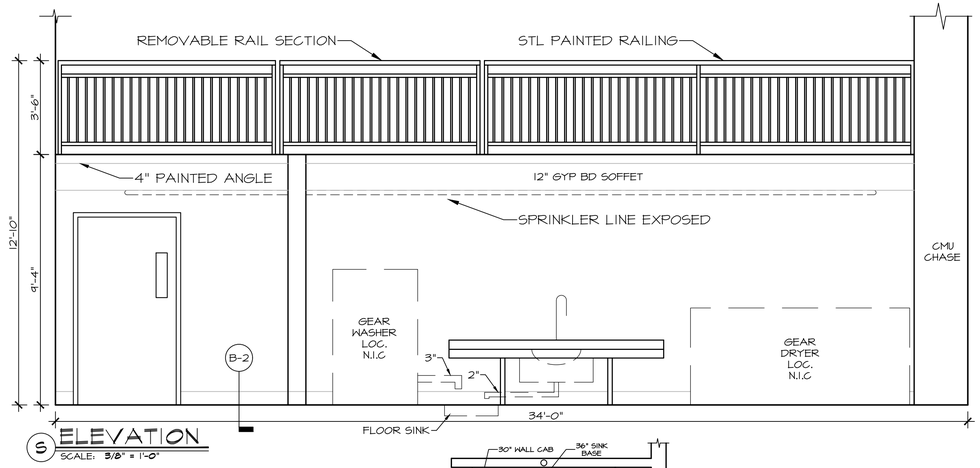
A-8.2

BATHROOM ACCESSORY/EQUIPMENT LENGEND

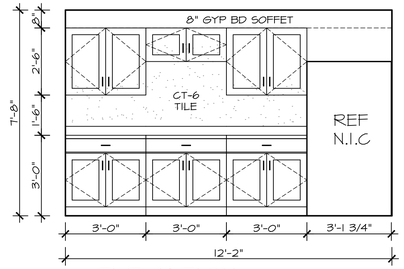
TILE REF.	MAKE	MODEL	COLOR/FINISH	MTG. HEIGHT	NOTES
TP-1 (TP DISP.)	ASI	0030	SS	18" AFF (BOTT. UNIT)	FIELD COORDINATE LOCATIONS & MTG. HEIGHTS.
TP-2 (TP DISP.)	ASI	0031	SS	18" AFF (BOTT. UNIT)	FIELD COORDINATE LOCATIONS & MTG. HEIGHTS. (RECESSED)
TH-1 (TOWEL HOOK)	ASI	7301-S	SS	68" AFF (CENTER LINE)	FIELD COORDINATE LOCATIONS & MTG. HEIGHTS.
CR-1 (CURTAIN ROD)	ASI	1204-2	SS	84" AFF (CENTER LNE)	FIELD COORDINATE LOCATIONS & MTG. HEIGHTS.
S-1 (SINK.)	BRADLEY	LAVD-1	TBD	33-1/2" AFF (TOP. UNIT)	FIELD COORDINATE LOCATIONS & MTG. HEIGHTS.
S-2 (SINK.)	BRADLEY	LAVD-2	TBD	33-1/2" AFF (TOP. UNIT)	FIELD COORDINATE LOCATIONS & MTG. HEIGHTS.
F-1 (FAUCET.)	BRADLEY	WB01	TBD	33-1/2" AFF (BOT. UNIT)	FIELD COORDINATE LOCATIONS & MTG. HEIGHTS.
CHT-1 (CHANGING TBL)	ASI	9014	GREY	28" AFF (BOT UNIT)	FIELD COORDINATE LOCATIONS & MTG. HEIGHTS.
E-1 (ELEC. DRYER)	EXCEL	'XLERATOR'	XL-GR-H	42" AFF (BOTT. UNIT)	FIELD COORDINATE LOCATIONS & MTG. HEIGHTS.
T-1 (ROLL DISP.)	BRADLEY	AUTO-ROLL DISPENSER MODEL 2484	GREY	48" AFF (BOTT. UNIT)	FIELD COORDINATE LOCATIONS & MTG. HEIGHTS.
WR-1 (WASTE REC.)	ASI	0826 (@CMU)	SS	42" AFF (TOP UNIT)	FIELD COORDINATE LOCATIONS & MTG. HEIGHTS.
PT (PARTITIONS.)	ASI	FLOOR ANCHORED /OVERHEAD BRACED	TBD	--	FIELD COORDINATE LOCATIONS & MTG. HEIGHTS.
GB-1 (GRAB BAR.)	BOBRICK	B6580x99-42	SS	33" AFF (CENTERLINE)	FIELD COORDINATE LOCATIONS & MTG. HEIGHTS.
GB-2 (GRAB BAR.)	BOBRICK	B6580x99-24	SS	33" AFF (CENTERLINE)	FIELD COORDINATE LOCATIONS & MTG. HEIGHTS.
M-1 (MIRROR)	BOBRICK	CHANNEL FRAME MIRROR B-165 2436	SS	48" AFF (BOT UNIT)	FIELD COORDINATE LOCATIONS & MTG. HEIGHTS.
M-2 (MIRROR)	BOBRICK	CHANNEL FRAME MIRROR B-165 3072	SS	48" AFF (BOT UNIT)	CUSTOM CUT MIRROR W/ SS J MOLD. BOTTOM LAMINATED TO WALL.
SHH-1 (SHOWER HEAD)	KHOLER	BANCROFT K-22167-CP	POLISHED CHROME	48" AFF (BOT UNIT)	FIELD COORDINATE LOCATIONS & MTG. HEIGHTS.
SHB-1 (SHOWER BASE)	KHOLER	K-4946	--	--	FIELD COORDINATE LOCATIONS & MTG. HEIGHTS.
M-2 (MIRROR)	BOBRICK	CHANNEL FRAME MIRROR B-165	SS	48" AFF (BOT UNIT)	FIELD COORDINATE LOCATIONS & MTG. HEIGHTS.
CS-1 (SCHLUTER)	SCHLUTER	CURV	SS	36" @ JO15T	FIELD COORDINATE LOCATIONS & MTG. HEIGHTS.



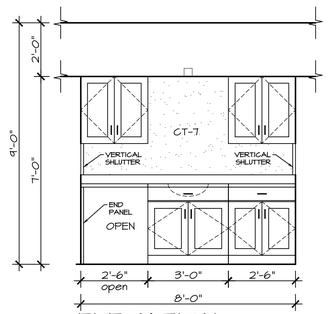
3 READY & GEAR WASH
SCALE: 1/4" = 1'-0"



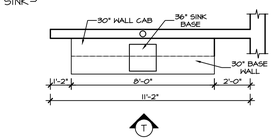
S ELEVATION
SCALE: 3/8" = 1'-0"



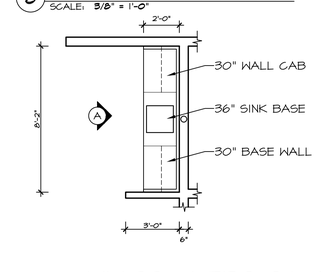
R ELEVATION
SCALE: 3/8" = 1'-0"



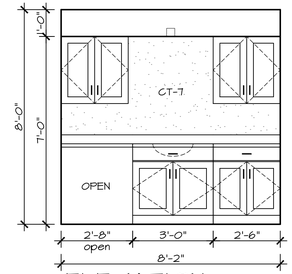
T ELEVATION
SCALE: 3/8" = 1'-0"



6 SECRETAY OFFICE
SCALE: 3/8" = 1'-0"



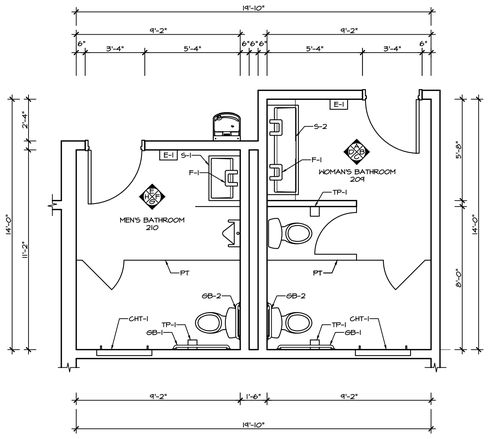
5 COMMISSIONERS SINK
SCALE: 1/4" = 1'-0"



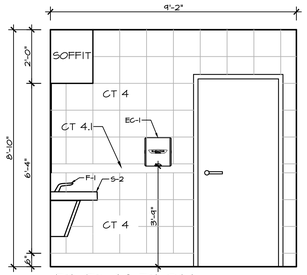
A ELEVATION
SCALE: 3/8" = 1'-0"

B-1 BASE DETAIL
SCALE: 3" = 1'-0"

B-2 BASE DETAIL
SCALE: 3" = 1'-0"



7 PUBLIC RESTROOM (2nd FL)
SCALE: 1/4" = 1'-0"

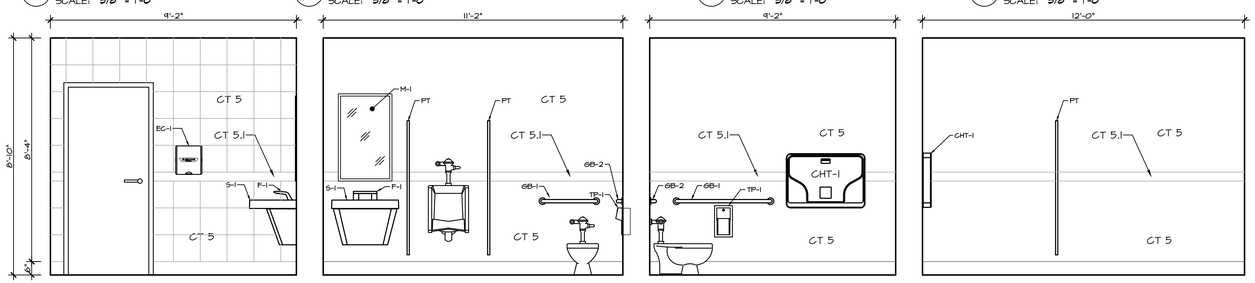


A ELEVATION
SCALE: 3/8" = 1'-0"

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

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

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



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

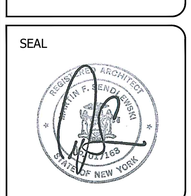
F ELEVATION
SCALE: 3/8" = 1'-0"

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

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

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GEARWASH & BATHROOM PLANS

PROJECT No. 2501

CHECKED BY:

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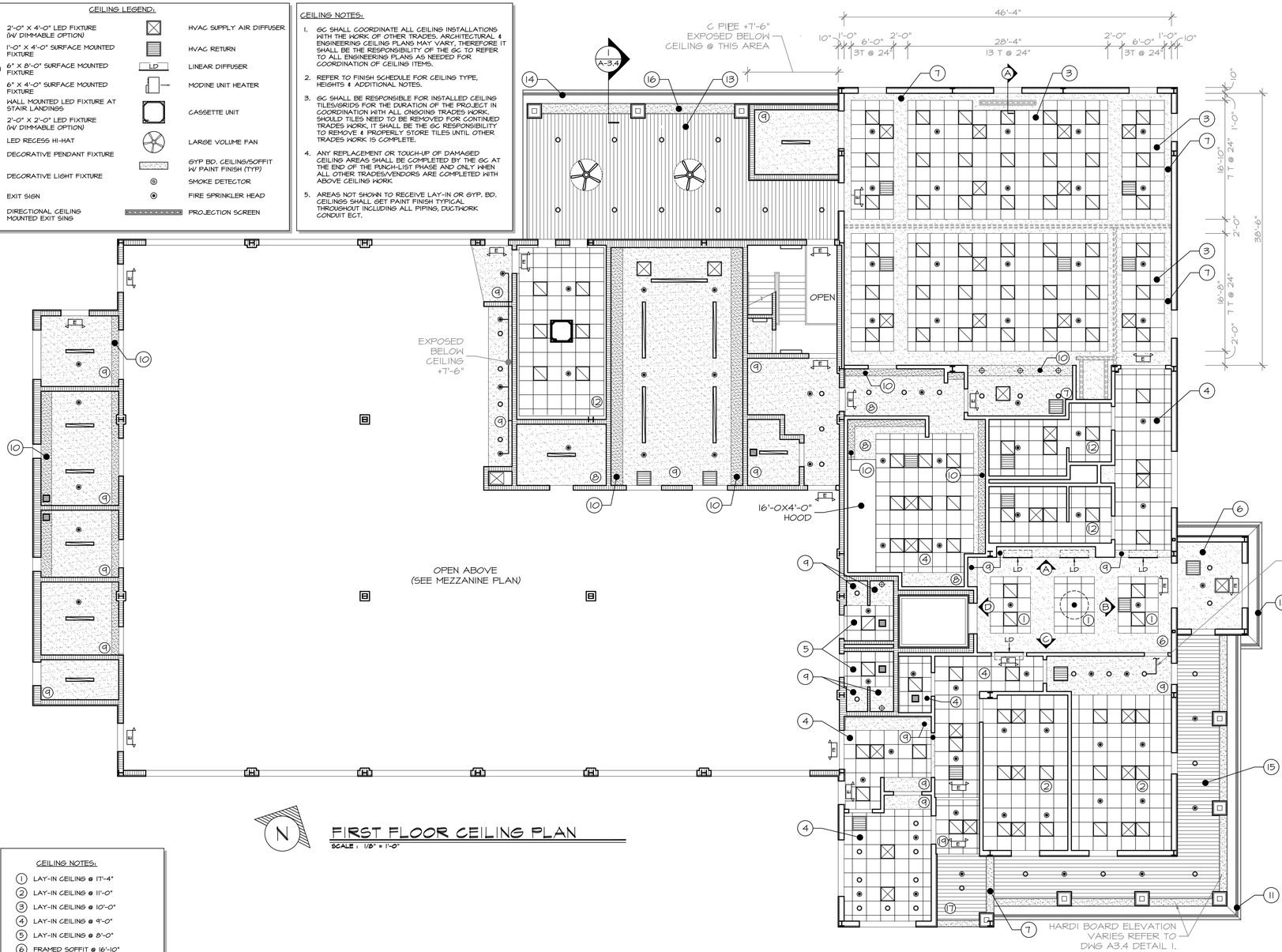
A-8.3

CEILING LEGEND:

2'-0" X 4'-0" LED FIXTURE (W/ DIMMABLE OPTION)	HVAC SUPPLY AIR DIFFUSER
1'-0" X 4'-0" SURFACE MOUNTED FIXTURE	HVAC RETURN
6" X 8'-0" SURFACE MOUNTED FIXTURE	LD — LINEAR DIFFUSER
6" X 4'-0" SURFACE MOUNTED FIXTURE	MODINE UNIT HEATER
WALL MOUNTED LED FIXTURE AT STAIR LANDINGS	CASSETTE UNIT
2'-0" X 2'-0" LED FIXTURE (W/ DIMMABLE OPTION)	LARGE VOLUME FAN
LED RECESS HI-HAT	GYP BD. CEILINGS/SOFFIT W/ PAINT FINISH (TYP)
DECORATIVE PENDANT FIXTURE	SMOKE DETECTOR
DECORATIVE LIGHT FIXTURE	FIRE SPRINKLER HEAD
EXIT SIGN	PROJECTION SCREEN
DIRECTIONAL CEILING MOUNTED EXIT SING	

CEILING NOTES:

1. GC SHALL COORDINATE ALL CEILING INSTALLATIONS WITH THE WORK OF OTHER TRADES. ARCHITECTURAL & ENGINEERING CEILING PLANS MAY VARY, THEREFORE IT SHALL BE THE RESPONSIBILITY OF THE GC TO REFER TO ALL ENGINEERING PLANS AS NEEDED FOR COORDINATION OF CEILING ITEMS.
2. REFER TO FINISH SCHEDULE FOR CEILING TYPE, HEIGHTS & ADDITIONAL NOTES.
3. GC SHALL BE RESPONSIBLE FOR INSTALLED CEILING TILES/GRIDS FOR THE DURATION OF THE PROJECT IN COORDINATION WITH ALL ONGOING TRADES WORK. SHOULD TILES NEED TO BE REMOVED FOR CONTINUED TRADES WORK, IT SHALL BE THE GC RESPONSIBILITY TO REMOVE & PROPERLY STORE TILES UNTIL OTHER TRADES WORK IS COMPLETE.
4. ANY REPLACEMENT OR TOUCH-UP OF DAMAGED CEILING AREAS SHALL BE COMPLETED BY THE GC AT THE END OF THE PUNCH-LIST PHASE AND ONLY WHEN ALL OTHER TRADES/VENDORS ARE COMPLETED WITH ABOVE CEILING WORK.
5. AREAS NOT SHOWN TO RECEIVE LAY-IN OR GYP. BD. CEILINGS SHALL GET PAINT FINISH TYPICAL THROUGHOUT INCLUDING ALL PIPING, DUCTWORK CONDUIT ECT.

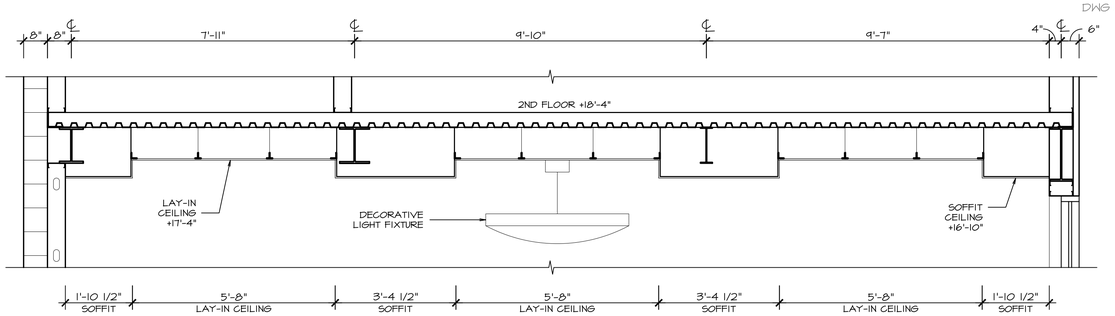


FIRST FLOOR CEILING PLAN

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

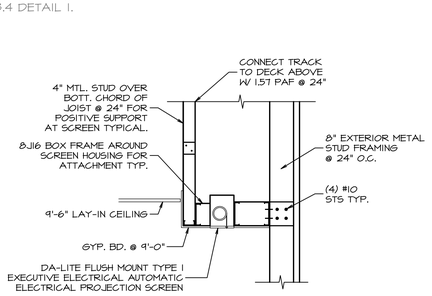
CEILING NOTES:

1. LAY-IN CEILING @ 17'-4"
2. LAY-IN CEILING @ 11'-0"
3. LAY-IN CEILING @ 10'-0"
4. LAY-IN CEILING @ 9'-0"
5. LAY-IN CEILING @ 8'-0"
6. FRAMED SOFFIT @ 16'-10"
7. FRAMED SOFFIT @ 9'-0"
8. FRAMED SOFFIT @ 8'-4"
9. FRAMED SOFFIT @ 8'-0"
10. FRAMED SOFFIT @ 7'-0"
11. FRAMED SOFFIT @ 8'-10"
12. LAY-IN CEILING @ 7'-8"
13. VENTED HARDI SOFFIT @ 12'-0"
14. VENTED HARDI SOFFIT @ 10'-6½"
15. VENTED HARDI SOFFIT @ 10'-0"
16. HARDI PANEL @ 9'-7¼"
17. VENTED HARDI SOFFIT @ 12'-4"
18. VENTED HARDI SOFFIT @ 20'-4⅝"
19. LAY-IN CEILING @ 12'-4"
20. FRAMED SOFFIT @ 10'-0"
21. VENTED HARDI SOFFIT @ 20'-0¼"
22. VENTED HARDI SOFFIT @ 14'-4"



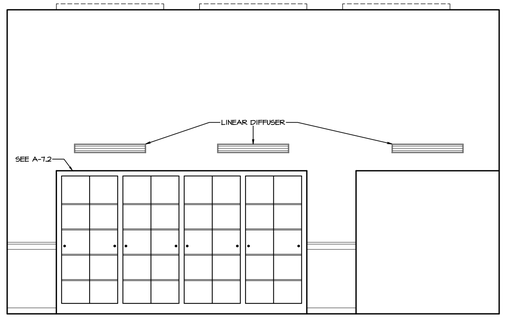
LOBBY CEILING SECTION

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



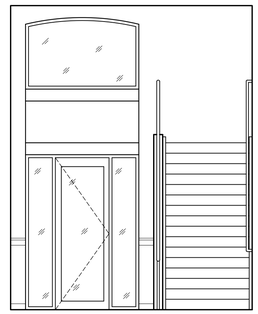
RECESSED MOVIE SCREEN DETAIL

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



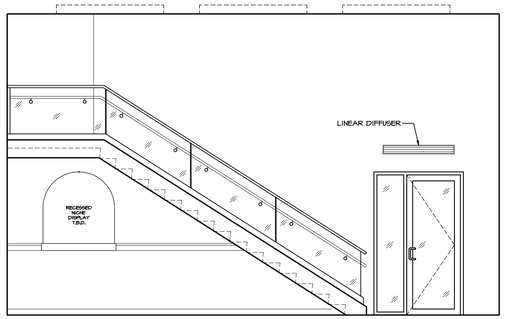
A LOBBY ELEVATION

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



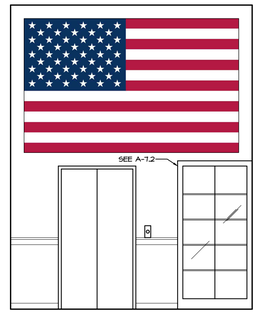
C LOBBY ELEVATION

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



C LOBBY ELEVATION

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



D LOBBY ELEVATION

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

DATE	ISSUED
03-17-2026	ISSUED FOR GENERAL CONSTRUCTION BID AS SINGLE PRIME CONTRACT INCLUDING ALL TRADES

SEAL

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PROPOSED NEW FACILITY
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ELLENVILLE, NY 12428

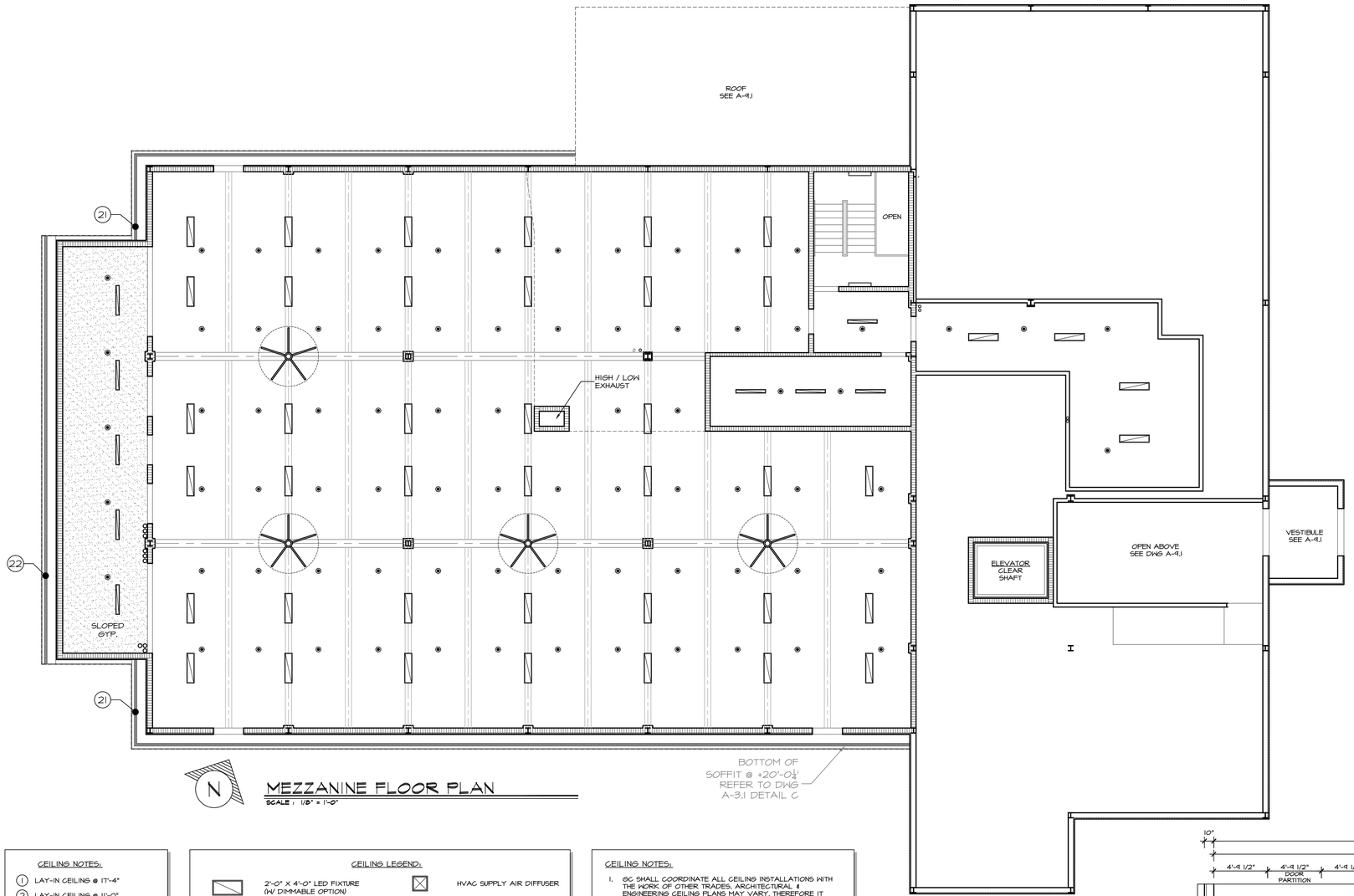
FIRST FLOOR CEILING PLAN

PROJECT No. 2501

CHECKED BY:

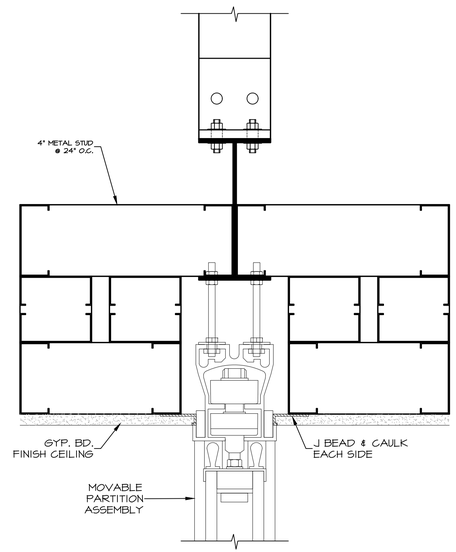
DRAWING:

A-9.1



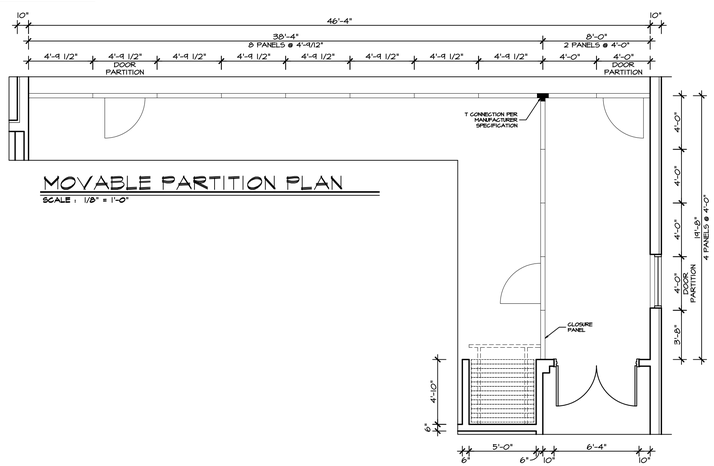
MEZZANINE FLOOR PLAN

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



MOVING PARTITION DETAIL

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



MOVABLE PARTITION PLAN

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

CEILING NOTES:

1. LAY-IN CEILING @ 11'-4"
2. LAY-IN CEILING @ 11'-0"
3. LAY-IN CEILING @ 10'-0"
4. LAY-IN CEILING @ 9'-0"
5. LAY-IN CEILING @ 8'-0"
6. FRAMED SOFFIT @ 16'-10"
7. FRAMED SOFFIT @ 9'-0"
8. FRAMED SOFFIT @ 8'-4"
9. FRAMED SOFFIT @ 8'-0"
10. FRAMED SOFFIT @ 7'-0"
11. FRAMED SOFFIT @ 8'-10"
12. LAY-IN CEILING @ 7'-8"
13. VENTED HARDI SOFFIT @ 12'-0"
14. VENTED HARDI SOFFIT @ 10'-6½"
15. VENTED HARDI SOFFIT @ 10'-0"
16. HARDI PANEL @ 9'-7½"
17. VENTED HARDI SOFFIT @ 12'-4"
18. VENTED HARDI SOFFIT @ 20'-4⅝"
19. LAY-IN CEILING @ 12'-4"
20. FRAMED SOFFIT @ 10'-0"
21. VENTED HARDI SOFFIT @ 20'-0½"
22. VENTED HARDI SOFFIT @ 14'-4"

CEILING LEGEND:

- 2'-0" X 4'-0" LED FIXTURE (W/ DIMMABLE OPTION)
- 1'-0" X 4'-0" SURFACE MOUNTED FIXTURE
- 6" X 8'-0" SURFACE MOUNTED FIXTURE
- 6" X 4'-0" SURFACE MOUNTED FIXTURE
- WALL MOUNTED LED FIXTURE AT STAIR LANDINGS
- 2'-0" X 2'-0" LED FIXTURE (W/ DIMMABLE OPTION)
- LED RECESS HI-HAT
- DECORATIVE PENDANT FIXTURE
- DECORATIVE LIGHT FIXTURE
- EXIT SIGN
- DIRECTIONAL CEILING MOUNTED EXIT SING
- HVAC SUPPLY AIR DIFFUSER
- HVAC RETURN
- LD — LINEAR DIFFUSER
- MODINE UNIT HEATER
- CASSETTE UNIT
- LARGE VOLUME FAN
- GYP BD. CEILING/SOFFIT W/ PAINT FINISH (TYP)
- SMOKE DETECTOR
- FIRE SPRINKLER HEAD
- PROJECTION SCREEN

CEILING NOTES:

1. GC SHALL COORDINATE ALL CEILING INSTALLATIONS WITH THE WORK OF OTHER TRADES, ARCHITECTURAL & ENGINEERING CEILING PLANS MAY VARY, THEREFORE IT SHALL BE THE RESPONSIBILITY OF THE GC TO REFER TO ALL ENGINEERING PLANS AS NEEDED FOR COORDINATION OF CEILING ITEMS.
2. REFER TO FINISH SCHEDULE FOR CEILING TYPE, HEIGHTS & ADDITIONAL NOTES.
3. GC SHALL BE RESPONSIBLE FOR INSTALLED CEILING TILES/GRIDS FOR THE DURATION OF THE PROJECT IN COORDINATION WITH ALL ONGOING TRADES WORK. SHOULD TILES NEED TO BE REMOVED FOR CONTINUED TRADES WORK, IT SHALL BE THE GC RESPONSIBILITY TO REMOVE & PROPERLY STORE TILES UNTIL OTHER TRADES WORK IS COMPLETE.
4. ANY REPLACEMENT OR TOUCH-UP OF DAMAGED CEILING AREAS SHALL BE COMPLETED BY THE GC AT THE END OF THE PUNCH-LIST PHASE AND ONLY WHEN ALL OTHER TRADES/VENDORS ARE COMPLETED WITH ABOVE CEILING WORK.
5. AREAS NOT SHOWN TO RECEIVE LAY-IN OR GYP. BD. CEILINGS SHALL GET PAINT FINISH TYPICAL THROUGHOUT INCLUDING ALL PIPING, DUCTWORK CONDUIT ECT.

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ELLENVILLE, NY 12428

MEZZANINE CEILING PLAN

PROJECT No. 2501

CHECKED BY:

DRAWING:

A-9.2

SECOND FLOOR CEILING PLAN

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

CEILING LEGEND:

- 2'-0" X 4'-0" LED FIXTURE (W/ DIMMABLE OPTION)
- 1'-0" X 4'-0" SURFACE MOUNTED FIXTURE
- 6" X 8'-0" SURFACE MOUNTED FIXTURE
- 6" X 4'-0" SURFACE MOUNTED FIXTURE
- WALL MOUNTED LED FIXTURE AT STAIR LANDINGS
- 2'-0" X 2'-0" LED FIXTURE (W/ DIMMABLE OPTION)
- LED RECESS HI-HAT
- DECORATIVE PENDANT FIXTURE
- DECORATIVE LIGHT FIXTURE
- E — EXIT SIGN
- E — DIRECTIONAL CEILING MOUNTED EXIT SINS
- HVAC SUPPLY AIR DIFFUSER
- HVAC RETURN
- LD — LINEAR DIFFUSER
- MODINE UNIT HEATER
- CASSETTE UNIT
- LARGE VOLUME FAN
- GYP BD. CEILING/SOFFIT W/ PAINT FINISH (TYP)
- SMOKE DETECTOR
- FIRE SPRINKLER HEAD
- PROJECTION SCREEN

CEILING NOTES:

1. LAY-IN CEILING @ 11'-4"
2. LAY-IN CEILING @ 11'-0"
3. LAY-IN CEILING @ 10'-0"
4. LAY-IN CEILING @ 9'-0"
5. LAY-IN CEILING @ 8'-0"
6. FRAMED SOFFIT @ 16'-10"
7. FRAMED SOFFIT @ 9'-0"
8. FRAMED SOFFIT @ 8'-4"
9. FRAMED SOFFIT @ 8'-0"
10. FRAMED SOFFIT @ 7'-0"
11. FRAMED SOFFIT @ 6'-10"
12. LAY-IN CEILING @ 7'-8"
13. VENTED HARDI SOFFIT @ 12'-0"
14. VENTED HARDI SOFFIT @ 10'-6½"
15. VENTED HARDI SOFFIT @ 10'-0"
16. HARDI PANEL @ 9'-7½"
17. VENTED HARDI SOFFIT @ 12'-4"
18. VENTED HARDI SOFFIT @ 20'-4⅝"
19. LAY-IN CEILING @ 12'-4"
20. FRAMED SOFFIT @ 10'-0"
21. VENTED HARDI SOFFIT @ 20'-0¼"
22. VENTED HARDI SOFFIT @ 14'-4"

CEILING NOTES:

1. GC SHALL COORDINATE ALL CEILING INSTALLATIONS WITH THE WORK OF OTHER TRADES. ARCHITECTURAL & ENGINEERING CEILING PLANS MAY VARY, THEREFORE IT SHALL BE THE RESPONSIBILITY OF THE GC TO REFER TO ALL ENGINEERING PLANS AS NEEDED FOR COORDINATION OF CEILING ITEMS.
2. REFER TO FINISH SCHEDULE FOR CEILING TYPE, HEIGHTS & ADDITIONAL NOTES.
3. GC SHALL BE RESPONSIBLE FOR INSTALLED CEILING TILES/GRIDS FOR THE DURATION OF THE PROJECT IN COORDINATION WITH ALL ONGOING TRADES WORK. SHOULD TILES NEED TO BE REMOVED FOR CONTINUED TRADES WORK, IT SHALL BE THE GC RESPONSIBILITY TO REMOVE & PROPERLY STORE TILES UNTIL OTHER TRADES WORK IS COMPLETE.
4. ANY REPLACEMENT OR TOUCH-UP OF DAMAGED CEILING AREAS SHALL BE COMPLETED BY THE GC AT THE END OF THE PUNCH-LIST PHASE AND ONLY WHEN ALL OTHER TRADES/VENDORS ARE COMPLETED WITH ABOVE CEILING WORK
5. AREAS NOT SHOWN TO RECEIVE LAY-IN OR GYP. BD. CEILINGS SHALL GET PAINT FINISH TYPICAL THROUGHOUT INCLUDING ALL PIPING, DUCTWORK CONDUIT ECT.

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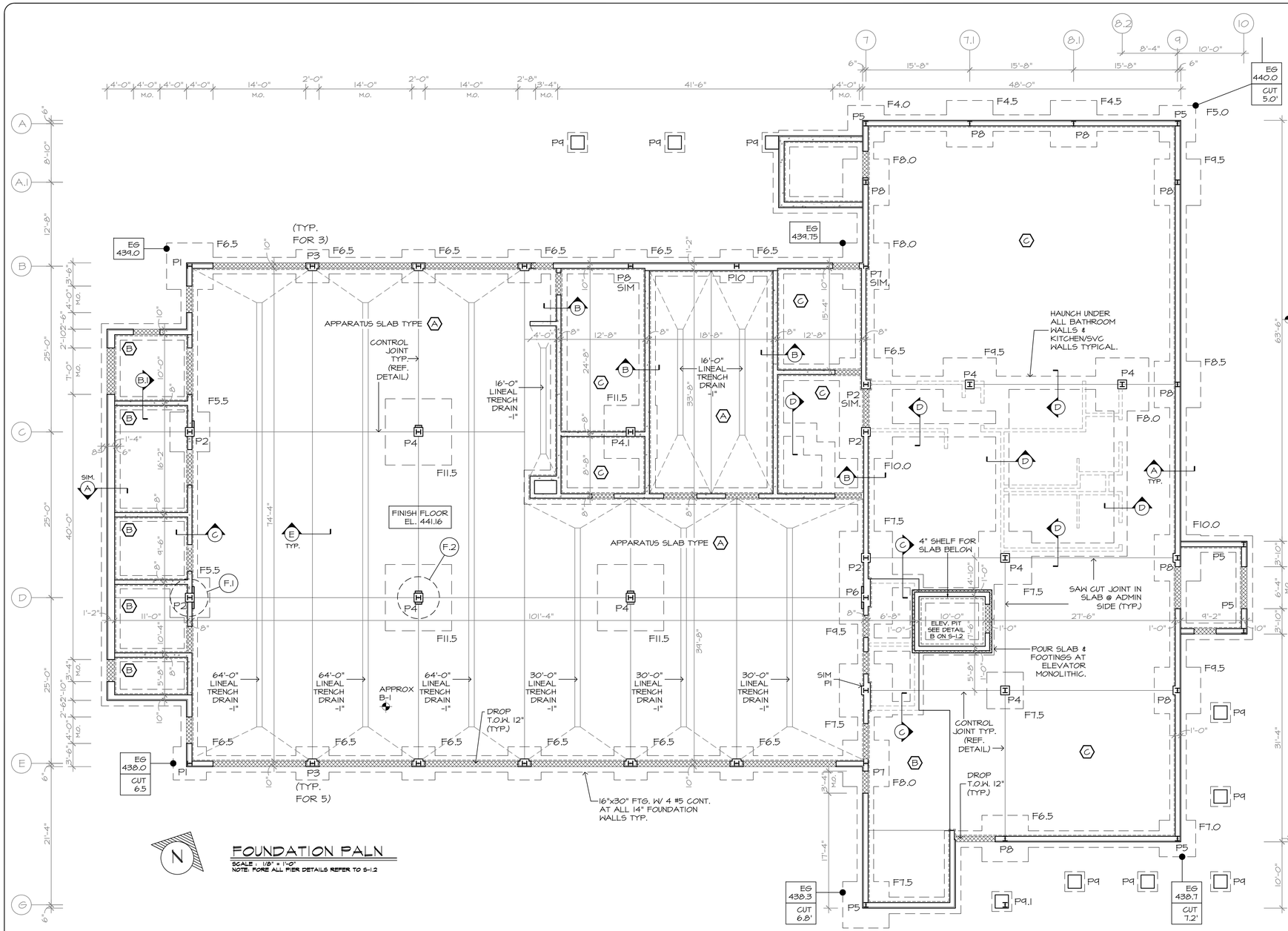
SECOND FLOOR CEILING PLAN

PROJECT No. 2501

CHECKED BY:

DRAWING:

A-9.3



FOUNDATION PALN

SCALE : 1/8" = 1'-0"
NOTE: FORE ALL PIER DETAILS REFER TO S-1.2

EG 438.0 — INDICATES APPROX EXISTING GRADE ELEVATION

CUT 6.0' — INDICATES APPROX CUT & FILL REQUIRED

NOTES:
1. FINISH FLOOR ELEVATION = 441.16 (0'-0" DATUM)
2. BOTTOM FOOTINGS = 431.5 (-9'-8") 1 TON SOIL TYPE SP
3. AVERAGE CUT = 7.5' X 13,924 SQ.FT. / 27 = 3,868 CY INCLUDE REMOVAL OF EXISTING MATERIAL AND CLEAN FILL PLACED IN 12" LIFTS & FULLY COMPACTED

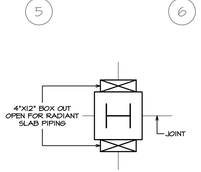
SLAB NOTES: ALL BAY SLABS INCLUDE RADIANT HEAT. COORDINATE INSTALLATION W/ MECHANICAL CONTRACTOR. PROVIDE 2" OWENS CORNING N9X 1,000 RIGID INSULATION UNDER ENTIRE SLAB. BAY SLAB TO POURED IN CHECKER BOARD SEQUENCE (15 TOTAL).

SLAB TYPES:

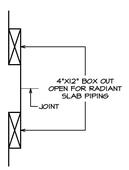
(A) 10" RADIANT CONC. SLAB TO BE 5,000 PSI CONC. W/ #5 @ 8" EA. WAY TOP & BOTTOM ON 6 MIL VAPOR BARRIER, 6" OF ¾" CRUSHED BLUESTONE & SUB BAS @ 95% COMPACTION.

(B) 6" RADIANT CONC. SLAB TO BE 4,000 PSI CONC. W/ 6X6 6/6 WWM ON 6" 3/4" CRUSHED BLUESTONE & SUB BASE @ 95% COMPACTION.

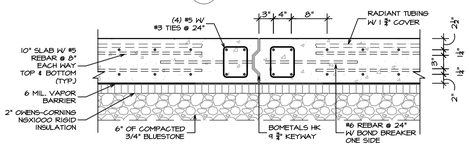
(C) 6" CONC. SLAB TO BE 4,000 PSI CONC. W/ 6X6 6/6 WWM ON 6" 3/4" CRUSHED BLUESTONE & SUB BASE @ 95% COMPACTION.



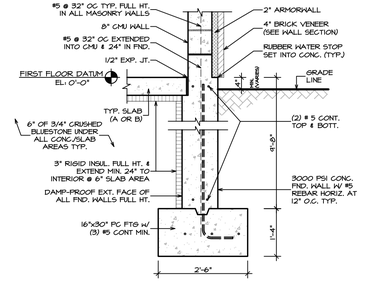
F.2 BOX OUT DETAIL
SCALE : 1/2" = 1'-0"



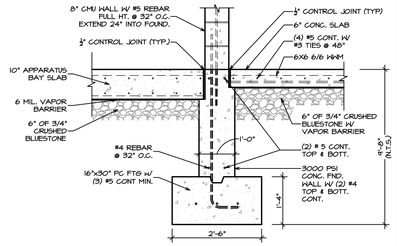
F.1 BOX OUT DETAIL
SCALE : 1/2" = 1'-0"



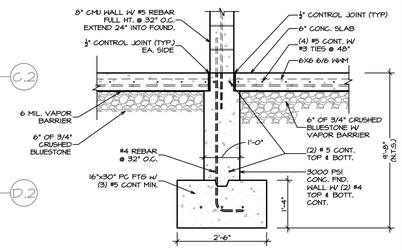
E JOINT DETAIL
SCALE : 3/4" = 1'-0"



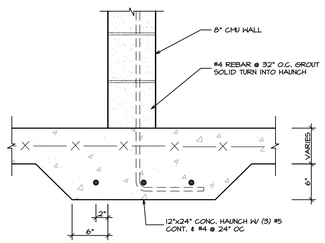
A FOUNDATION DETAIL
SCALE : 1/2" = 1'-0"



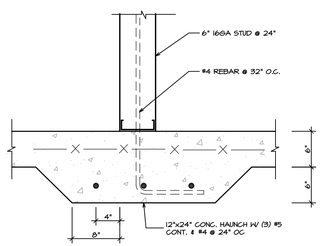
B CMU WALL DETAIL
SCALE : 1/2" = 1'-0"



B.1 CMU WALL DETAIL
SCALE : 1/2" = 1'-0"



C HAUNCH DETAIL
SCALE : 1" = 1'-0"



D HAUNCH DETAIL
SCALE : 1" = 1'-0"

DATE ISSUED

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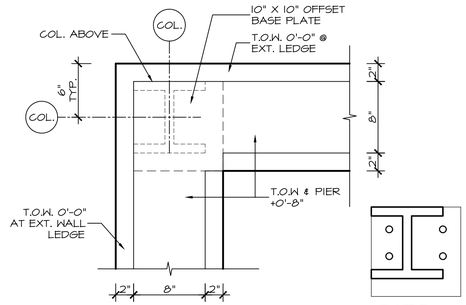
FOUNDATION PLAN

PROJECT No. 2501

CHECKED BY:

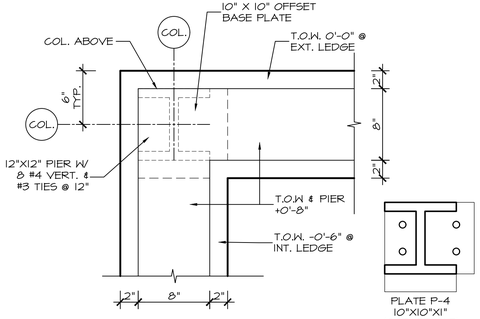
DRAWING:

S-1.1



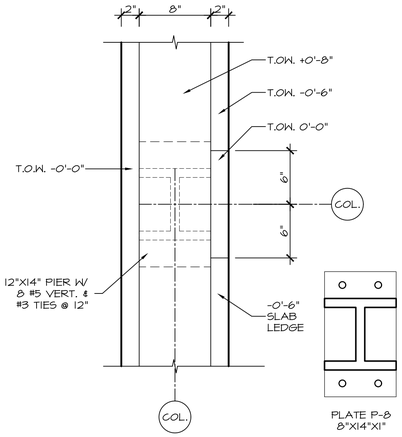
P-1 PIER DETAIL
SCALE : 1-1/2" = 1'-0"

PLATE P-1
10"X10"X$\frac{3}{8}$"



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

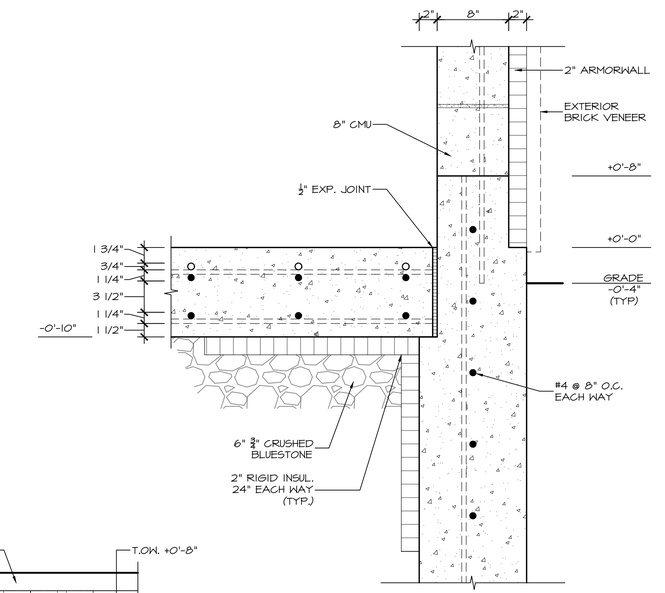
PLATE P-4
10"X10"X1"
(CORNER CUT)



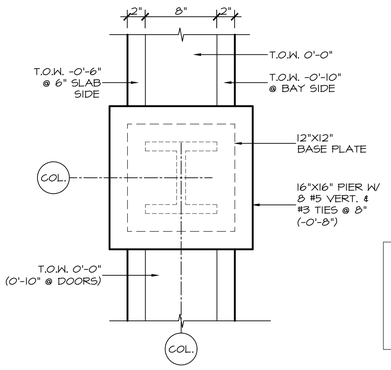
P-8 PIER DETAIL
SCALE : 1-1/2" = 1'-0"

PLATE P-8
8"X14"X1"

NOTE:
ORIENTATION OF COLUMNS (H vs I) MAY VARY.
REFER TO DRAWINGS S-2.1 TO CONFIRM ALL.



A TOP OF WALL & SLAB EDGE DETAIL
SCALE : 1-1/2" = 1'-0"



P-2 PIER DETAIL
SCALE : 1-1/2" = 1'-0"

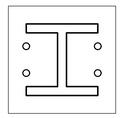
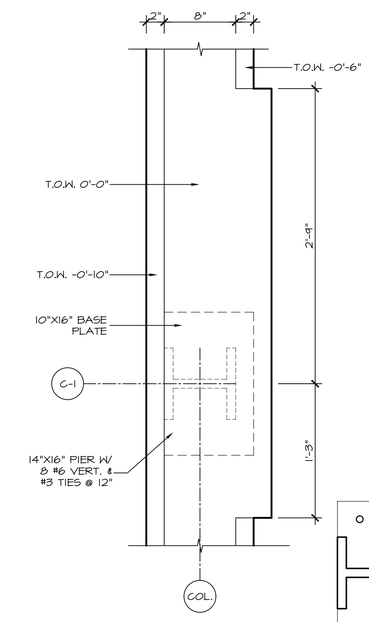


PLATE P-2
12"X12"X$\frac{3}{4}$"



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

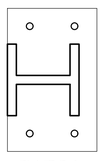
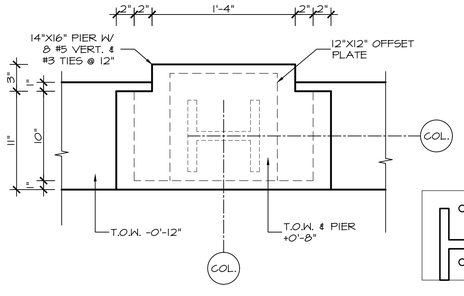


PLATE P-6
10"X16"X1½"



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

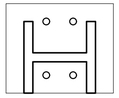
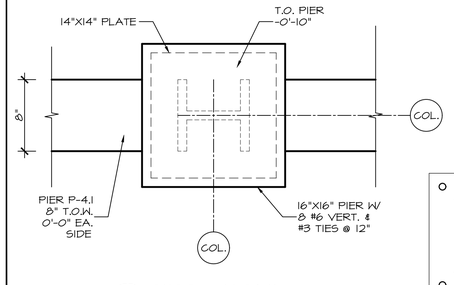


PLATE P-3
10"X13"X$\frac{3}{8}$"



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

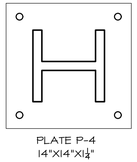
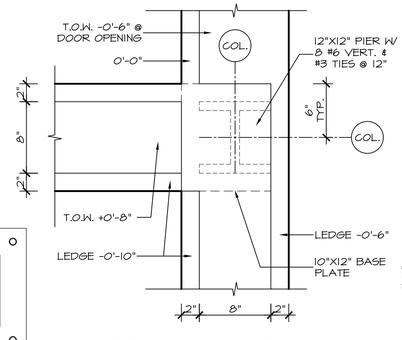


PLATE P-4
14"X14"X1¼"



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

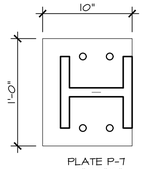
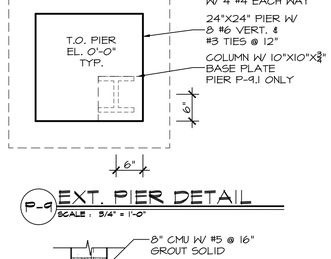
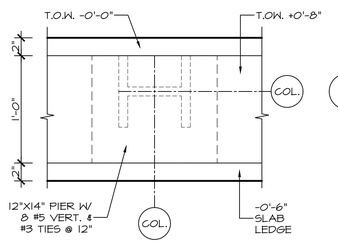


PLATE P-7
10"X12"X1"

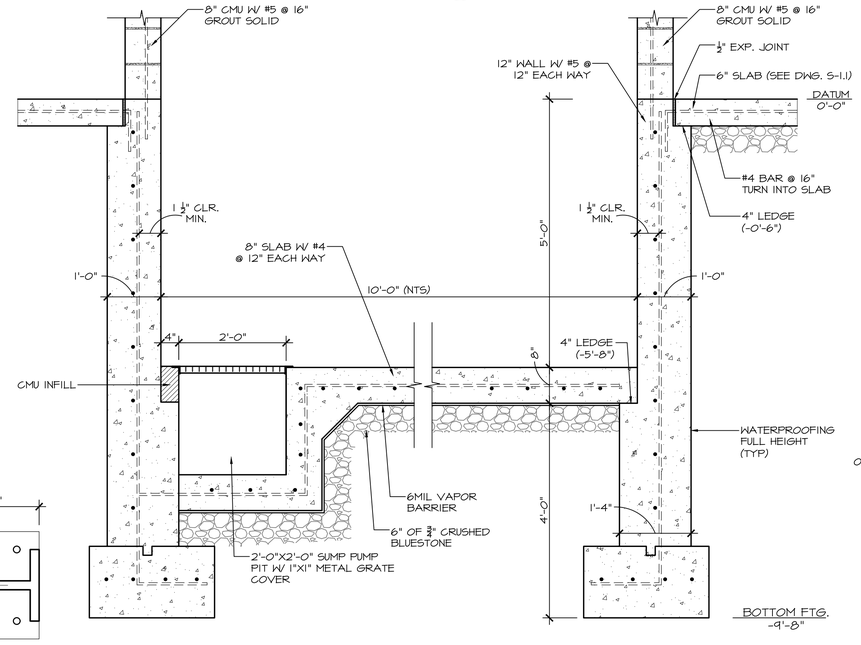


P-9 EXT. PIER DETAIL
SCALE : 3/4" = 1'-0"

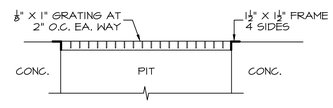


P-10 EXT. PIER DETAIL
SCALE : 1-1/2" = 1'-0"

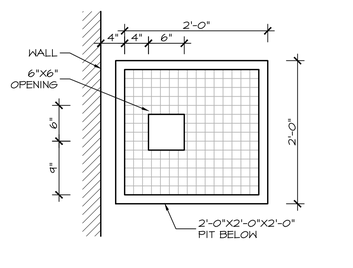
FOOTING SCHEDULE		
MARK	SIZE	REINF (EA. WAY)
F3.0	3'-0" X 3'-0" X 1'-0"	4-#5
F5.0	5'-0" X 5'-0" X 1'-2"	6-#6
F5.5	5'-6" X 5'-6" X 1'-2"	6-#7
F6.0	6'-0" X 6'-0" X 1'-4"	8-#7
F6.5	6'-5" X 6'-5" X 1'-4"	8-#7
F7.0	7'-0" X 7'-0" X 1'-6"	10-#7
F7.5	7'-6" X 7'-6" X 1'-8"	8-#8
F8.0	8'-0" X 8'-0" X 1'-10"	9-#9
F8.5	8'-6" X 8'-6" X 1'-10"	8-#8
F9.0	9'-0" X 9'-0" X 2'-0"	11-#9
F9.5	9'-6" X 9'-6" X 2'-0"	12-#9
F10.5	10'-6" X 10'-6" X 2'-2"	10-#10
F11.0	11'-0" X 11'-0" X 2'-4"	11-#10



B ELEVATOR WALL DETAIL
SCALE : 3/4" = 1'-0"



C.2 PIT GRATE SECTION
SCALE : 1" = 1'-0"



C.1 PIT GRATE DETAIL
SCALE : 1" = 1'-0"

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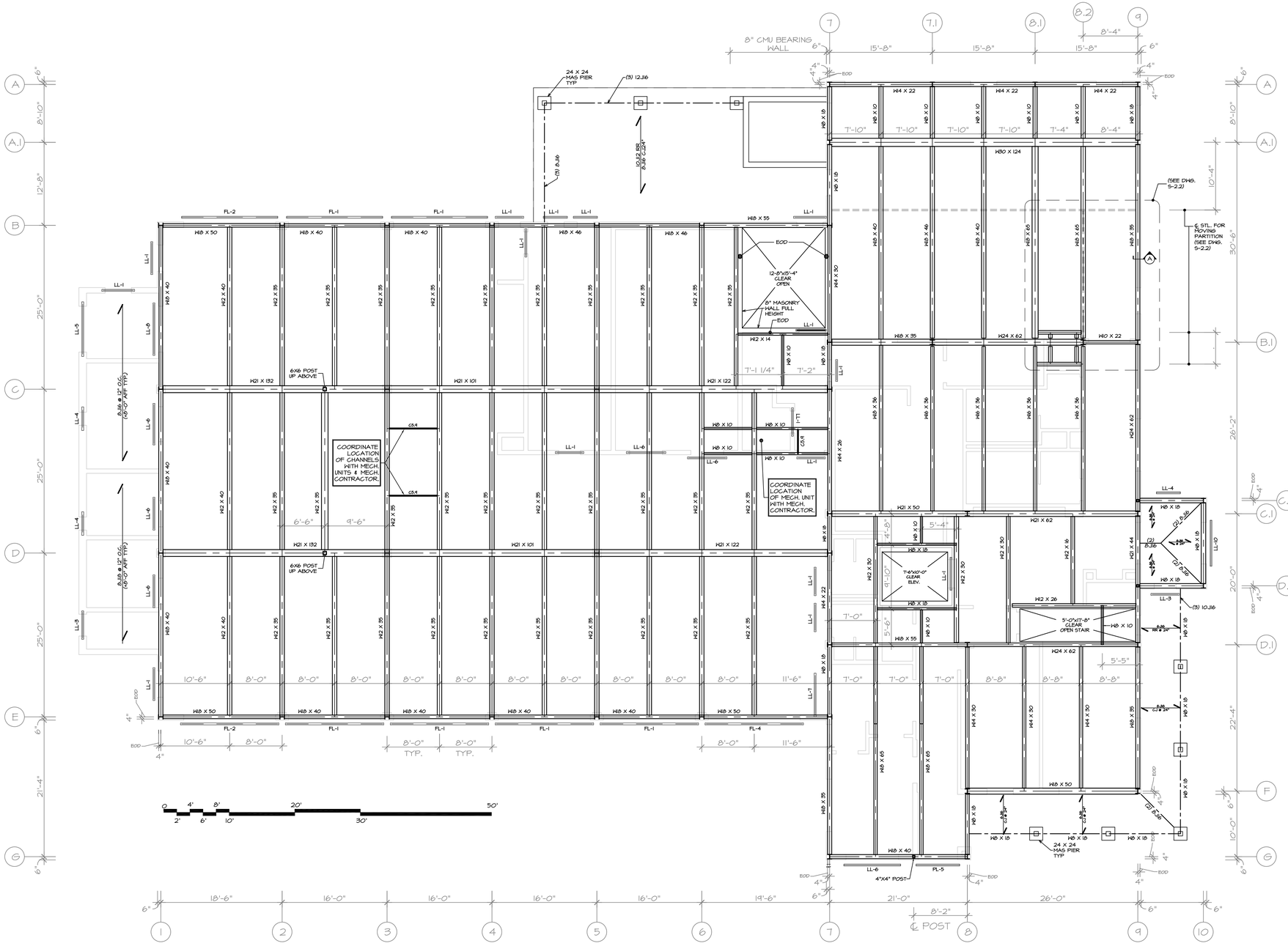
FOUNDATION PIER DETAILS

PROJECT No. 2501

CHECKED BY:

DRAWING:

S-1.2

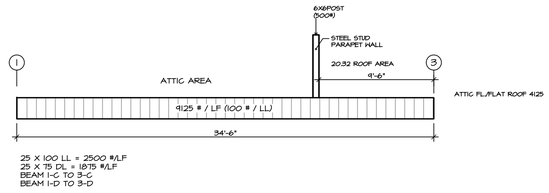


SECOND FLOOR STRUCTURAL PLAN

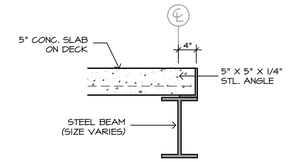
SCALE : 1/8" = 1'-0"

DESIGN LOADS = 100 #/S.F. LIVE
75 #/S.F. DEAD
175#/S.F. TOTAL

NOTES:
1. TOP OF STEEL +18'-3" UNLESS NOTED OTHERWISE USING +18'-3" ,AS REFERENCE.
2. MARINO JOISTS ARE REFERENCED FROM 0'-0" 1ST FLOOR (DATUM EL.)
3. EOD INDICATES OUTSIDE EDGE OF 5" ANGLE AND EDGE OF DECK 4" FROM ℄ COL. TYPICAL.



25 X 100 LL = 2500 #/LF
25 X 75 DL = 1875 #/LF
BEAM 1-C TO 3-C
BEAM 1-D TO 3-D

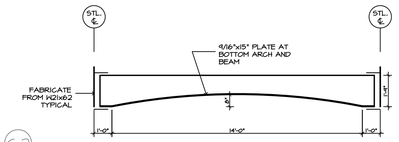


A SLAB EDGE DETAILS (EOD)

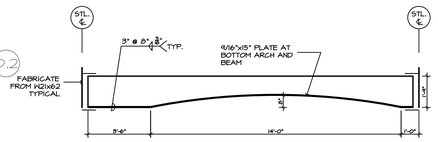
SCALE : 3/4" = 1'-0"

LINTEL SCHEDULE	
LL-1	(2) 3½X3½X⅜ X 5'-0" LONG
LL-2	(2) 3½X3½X⅜ X VFY. WINDOW +16"
LL-3	(3) 3½X3½X⅜ X 4'-4" LONG
LL-4	(3) 3½X3½X⅜ X 3'-8" LONG
LL-5	(3) 5½X3½X⅜ X 8'-4" LONG
LL-6	(2) 3½X3½X⅜ X 6'-4" LONG
LL-7	(2) 3½X3½X⅜ X 6'-8" LONG
LL-8	(2) 3½X3½X⅜ X 8'-4" LONG

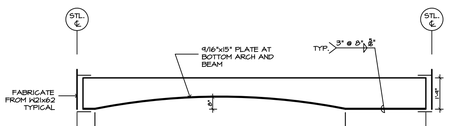
NOTE: LOOSE LINTELS ARE SHOWN ADJACENT TO REVEAL OPENING FOR CLEARING WHERE GRAPHICALLY IN CONFLICT WITH STEEL ABOVE.



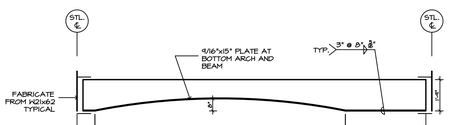
FL-1



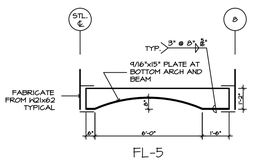
FL-2



FL-3



FL-4



FL-5

FRAMED LINTEL DETAILS

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

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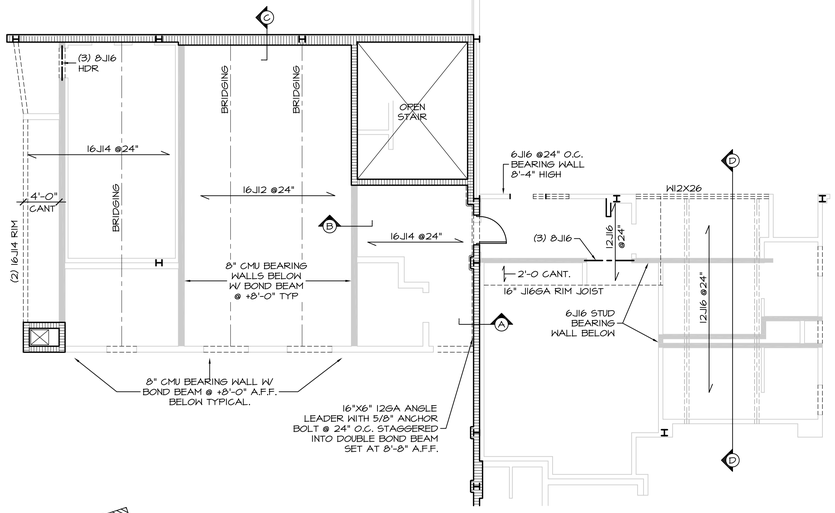
FIRST FLOOR STRUCTURAL PLAN

PROJECT No. 2501

CHECKED BY:

DRAWING:

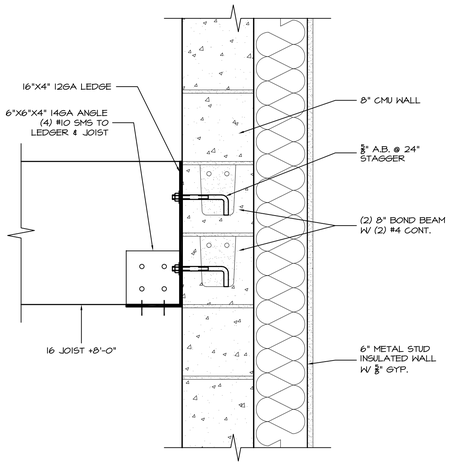
S-2.1



N

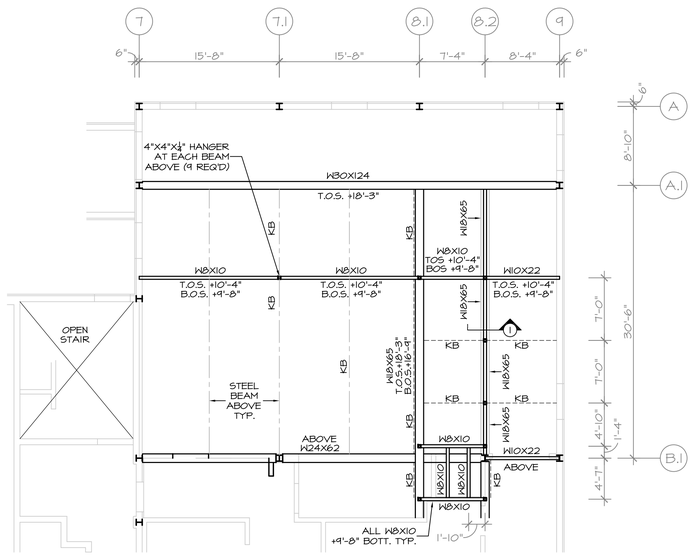
MEZZANINE STRUCTURAL STEEL PLAN

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



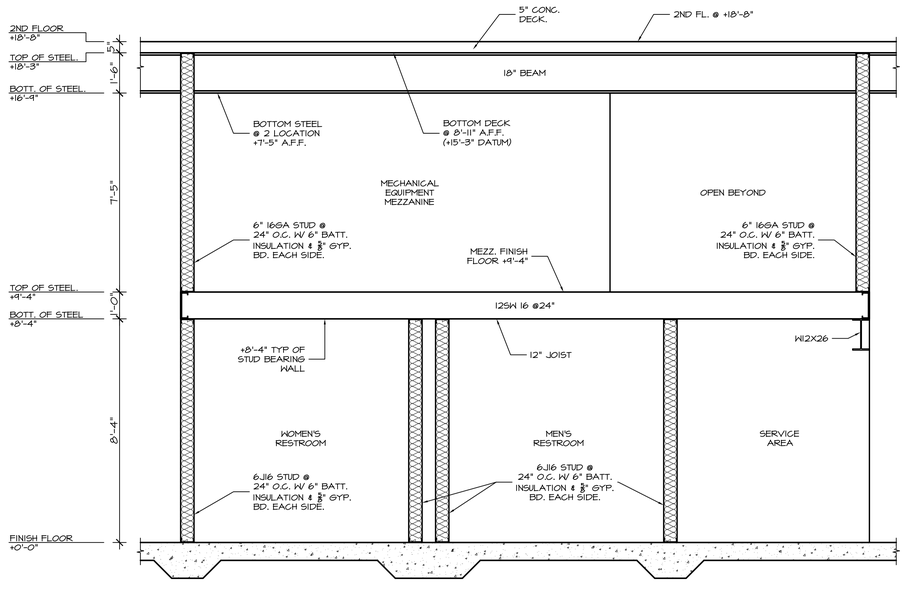
A WALL SECTION

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



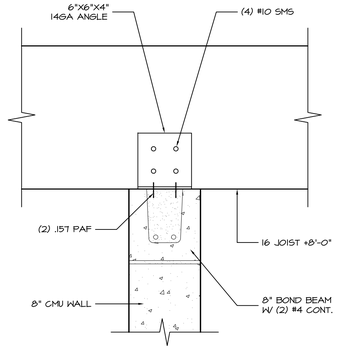
PARTITION STRUCTURAL STEEL PLAN

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



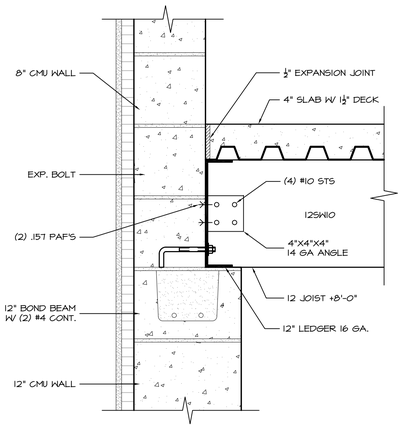
D MEZZANINE SECTION

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



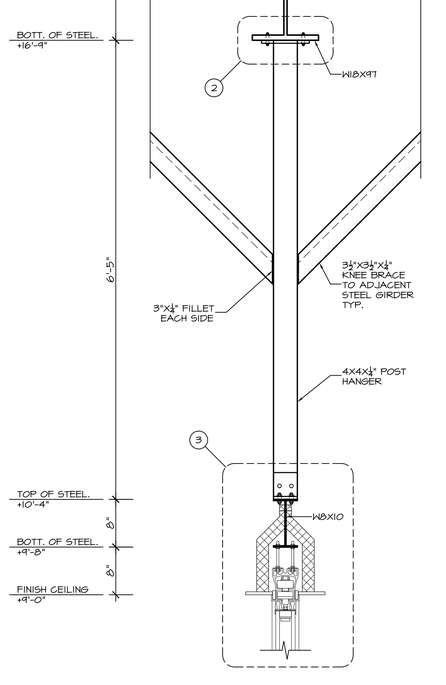
B WALL SECTION

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



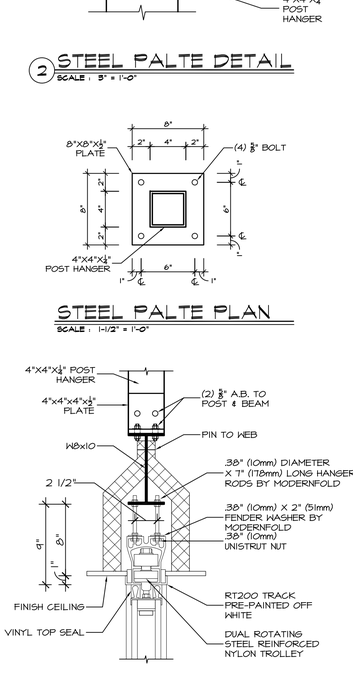
C WALL SECTION

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



1 PARTITION HANGER DETAIL

SCALE : 1" = 1'-0"



2 STEEL PALTE DETAIL

SCALE : 3" = 1'-0"

STEEL PALTE PLAN

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

3 PARTITION DETAIL

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

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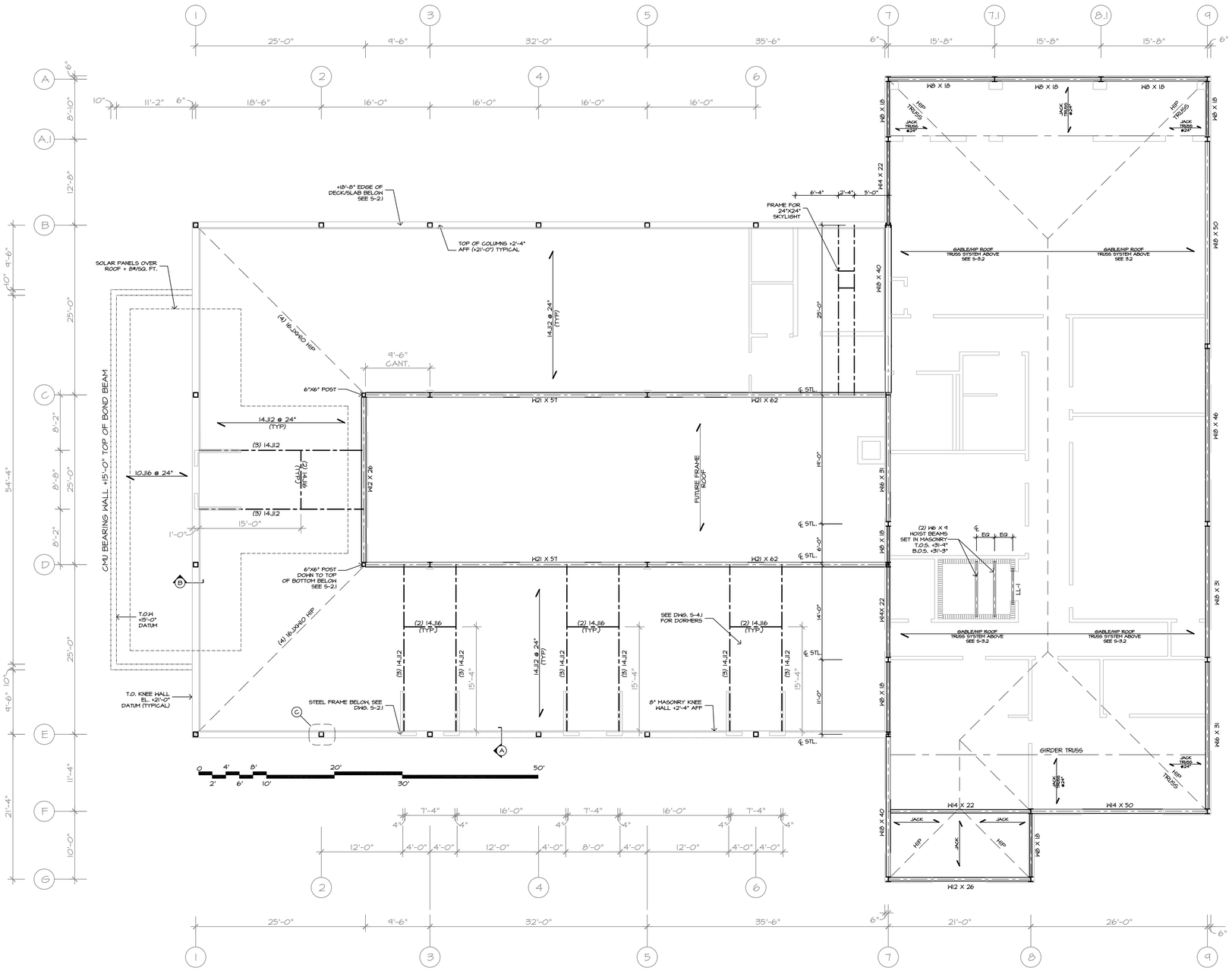
MEZZANINE / PARTITION STRUCTURAL STEEL PLAN

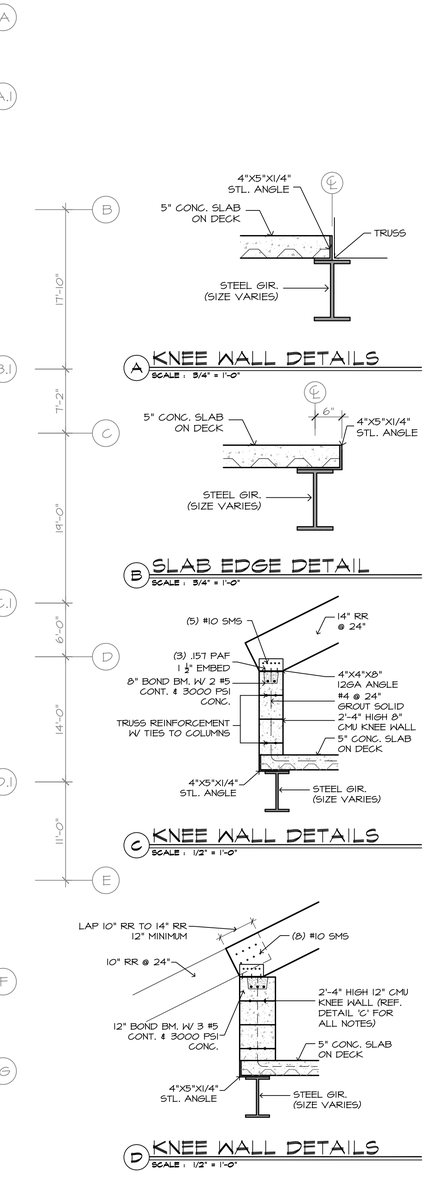
PROJECT No. 2501

CHECKED BY:

DRAWING:

S-2.2





A KNEE WALL DETAILS
SCALE : 3/4" = 1'-0"

B SLAB EDGE DETAIL
SCALE : 3/4" = 1'-0"

C KNEE WALL DETAILS
SCALE : 1/2" = 1'-0"

D KNEE WALL DETAILS
SCALE : 1/2" = 1'-0"

N

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

NOTES:
T.O.S +32'-0" UNLESS NOTED OTHERWISE USING 32'-0" AS REFERENCE

EOD = OUTSIDE EDGE OF DECK

ROOF TRUSS NOTES

ROOF TRUSS SHALL BE DESIGNED IN ACCORDANCE WITH THE FOLLOWING CRITERIA.

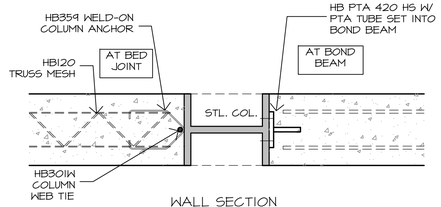
1. LOADING:

TOP CHORD LIVE LOAD	= 60 PSF
TOP CHORD DEAD LOAD	= 15 PSF
BOTTOM CHORD DEAD LOAD	= 5 PSF
TOTAL	= 80 PSF

2. MAXIMUM LIVE LOAD DEFLECTION SHALL BE LIMITED TO SPAN LENGTH DIVIDED BY 240.

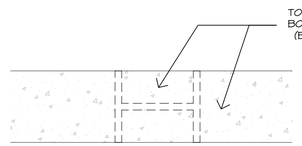
3. PROVIDE ALL TEMPORARY AND PERMANENT LATERAL BRACING AS REQUIRED TO MAINTAIN STRUCTURAL INTEGRITY.

4. SHOP DRAWINGS PREPARED AND SEALED BY A N.Y.S LICENSED ENGINEER SHALL BE SUBMITTED TO THE ENGINEER OF RECORD FOR REVIEW PRIOR TO FABRICATION. SHOP DRAWINGS SHALL SHOW MEMBER FORCES, LUMBER GRADES, AND ALL DETAILS OF CONNECTIONS.



WALL SECTION

E KNEE WALL DETAILS
SCALE : 1-1/2" = 1'-0"



WALL TOP

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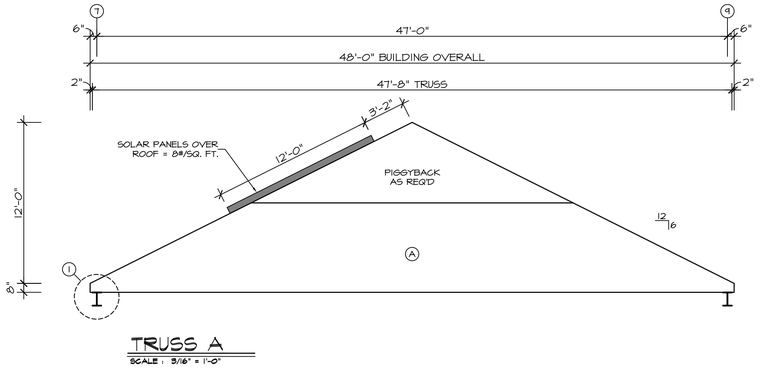
ROOF/ATTIC STRUCTURAL STEEL PLAN

PROJECT No. 2501

CHECKED BY:

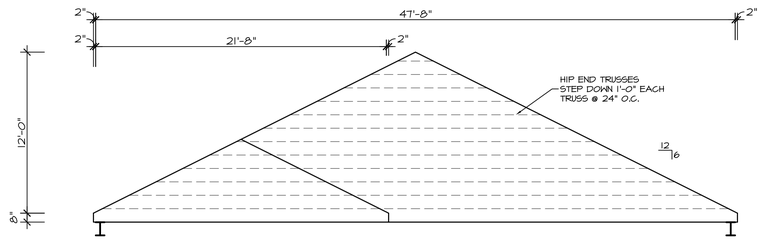
DRAWING:

S-3.1



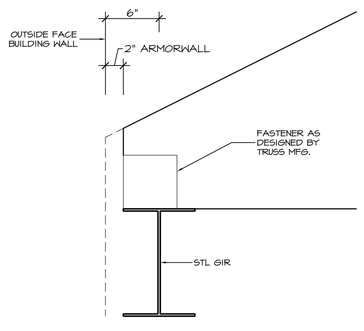
TRUSS A

SCALE : 3/16" = 1'-0"



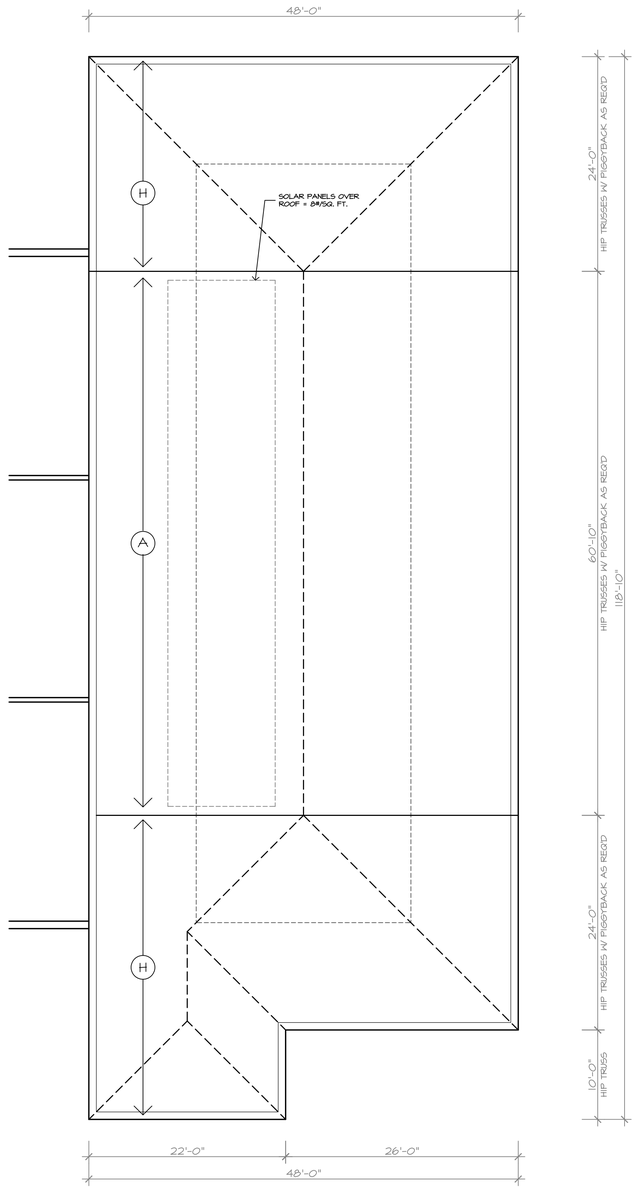
TRUSS H

SCALE : 3/16" = 1'-0"



1 FRAMING DETAIL

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



N ROOF FRAMING PLAN

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

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ROOF FRAMING / ATTIC PLAN

PROJECT No. 2501

CHECKED BY:

DRAWING:

S-3.2

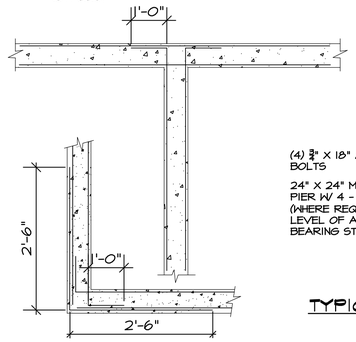
COLUMN SCHEDULE

*ALL COLUMNS 50 KSI UNLESS NOTED OTHERWISE

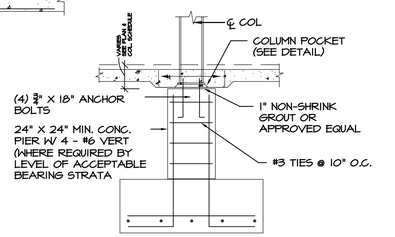
COL. NO. / TIER	1-B	1-C	1-D	1-E	2-B	2-E	3-B	3-C	3-D	3-E	4-B	4-E	5-B	5-C	5-D	5-E	6-B	6-E	7-A	7-A.1	7-B	7-B.1	7-C	7-C.1	7-D	7-D.2	7-E	7-G	7.1-A	7.1-B.1	8-C.1	8-D.2	8-F	8-G	8.1-A	8.2-B.1	9-A	9-A.1	9-B.1	9-C.1	9-D.1	9-F	10-C.2	10-D.2
TOP OF STEEL +32'-0"								BM	BM																																			
TOP OF STL. +21'-0"																																												
2ND. FLR. +18'-8"																																												
TOP OF STL. +18'-3"																																												
IST. FL. +0'-0" (DATUM)																																												
BOTT. OF STL. -0'-7"																																												
BASE PLATE (SEE S-1.2)	P1	P2	P2	P1	P3	P3	P3	P4	P4	P3	P3	P3	P3	P4	P4	P3	P3	P3	P5	P8	P7	P2	P2	P2	P6	P6	P7	P5	P8	P4	P4	P4	P8	P5 SIM	P8	P4	P5	P8	P8	P8	P8	P5		
TOP OF STL. +21'-4"																																											

*BOTTOM ELEV. OF ALL COLUMN ELEVATIONS RELATIVE TO DATUM ALLOWS FOR 1" NON-SHRINK GROUT UNDER PLATE.

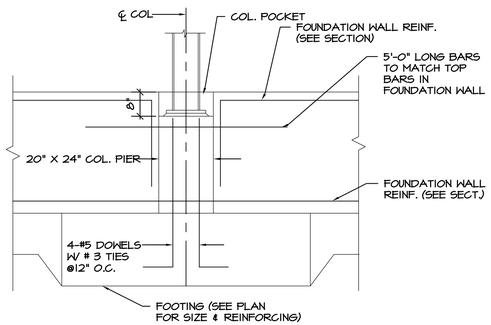
WELDED MASONRY ANCHORS ON ALL COLUMNS ABUTTING MASONRY (HB 359) SHALL BE FULL HEIGHT TYPICAL. COORDINATE W/ MASON & TIE MANUFACTURER FOR REQUIRED & CORRECT ANCHOR TIE INSTALLS.



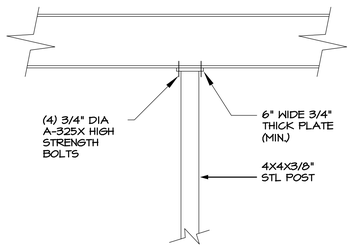
CORNER DETAILS-REINFORCED CONCRETE WALLS



TYPICAL INTERIOR COLUMN FOOTING



TYPICAL DETAIL @ EXTERIOR COLUMN FOOTING

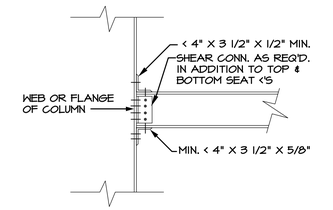


DETAIL @ COL C-3 & D-3 BEAM OVER TOP OF COLUMN

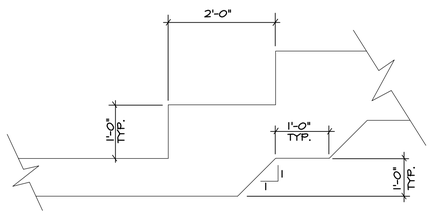
(SEE S-3.1 FOR LOCATION)

MOMENT CONNECTION SCHEDULE

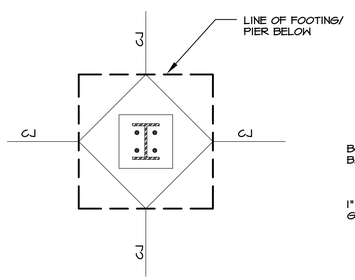
MARK	PLATE SIZE	# OF A-325X BOLTS
A	0"X6"X3/8"	4
B	0"X6"X3/8"	4
C	0"X5"X3/8"	2



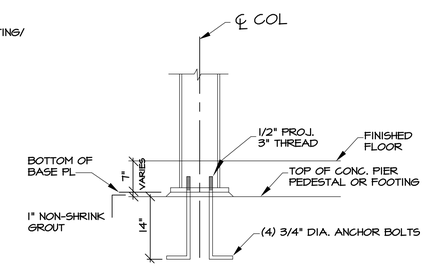
TYPICAL COLUMN CONNECTION TO FLANGE OR WEB



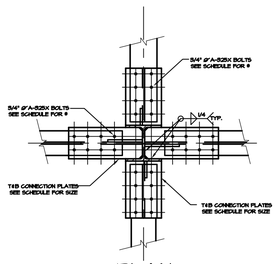
TYPICAL STEP FOOTING DETAIL



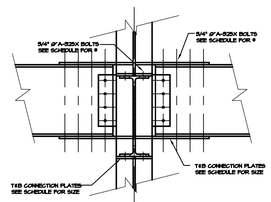
COLUMN POCKET DETAIL



TYPICAL ANCHOR BOLT DETAIL



PLAN



SECTION

MOMENT CONNECTION DETAILS

(COLUMNS 2-E, 3-E, 4-E, 5-E & 6-E)

DATE ISSUED

09-17-2026
ISSUED FOR GENERAL CONSTRUCTION BID AS SINGLE PRIME CONTRACT INCLUDING ALL TRADES

SEAL



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COLUMN SCHEDULE & FRAMING DETAILS

PROJECT No. 2501

CHECKED BY:

DRAWING:

S-4.0

CHAPTER 19 - CONCRETE

1901 - GENERAL

1901.2 PLAIN AND REINFORCED CONCRETE
STRUCTURAL CONCRETE SHALL BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH THE REQUIREMENTS OF THIS CHAPTER AND ACI 318 AS AMENDED IN SECTION 1905 OF THIS CODE. EXCEPT FOR THE PROVISIONS OF SECTIONS 1904 AND 1907, THE DESIGN AND CONSTRUCTION OF SLABS ON GRADE SHALL NOT BE GOVERNED BY THIS CHAPTER UNLESS THEY TRANSMIT VERTICAL LOADS OR LATERAL FORCES FROM OTHER PARTS OF THE STRUCTURE TO THE SOIL.

1901.3 ANCHORING TO CONCRETE
ANCHORING TO CONCRETE SHALL BE IN ACCORDANCE WITH ACI 318 AS AMENDED IN SECTION 1905, AND APPLIES TO CAST-IN (HEADED BOLTS, HEADED STUDS AND HOOKED J- OR L-BOLTS), POST-INSTALLED EXPANSION)TORQUE-CONTROLLED AND DISPLACEMENT-CONTROLLED), UNDERCUT AND ADHESIVE ANCHORS.

1901.4 COMPOSITE STRUCTURAL STEEL AND CONCRETE STRUCTURES
SYSTEMS OF STRUCTURAL STEEL ACTING COMPOSITELY WITH REINFORCED CONCRETE SHALL BE DESIGNED IN ACCORDANCE WITH SECTION 2206 OF THIS CODE.

1901.5 CONSTRUCTION DOCUMENTS
THE CONSTRUCTION DOCUMENTS FOR STRUCTURAL CONCRETE CONSTRUCTION SHALL INCLUDE:

1. THE SPECIFIED COMPRESSIVE STRENGTH OF CONCRETE AT THE STATED AGES OR STAGES OF CONSTRUCTION FOR WHICH EACH CONCRETE ELEMENT IS DESIGNED.
2. THE SPECIFIED STRENGTH OR GRADE OF REINFORCEMENT
3. THE SIZE AND LOCATION OF STRUCTURAL ELEMENTS, REINFORCEMENT AND ANCHORS.
4. PROVISION FOR DIMENSIONAL CHANGES RESULTING FROM CREEP, SHRINKAGE AND TEMPERATURE.
5. THE MAGNITUDE AND LOCATION OF PRESTRESSING FORCES.
6. ANCHORAGE LENGTH OF REINFORCEMENT AND LOCATION AND LENGTH OF LAP SPLICES.
7. TYPE AND LOCATION OF MECHANICAL AND WELDED SPLICES OF REINFORCEMENT.
8. DETAILS AND LOCATION OF CONTRACTION OR ISOLATION JOISTS SPECIFIED FOR PLAIN CONCRETE.
9. MINIMUM CONCRETE COMPRESSIVE STRENGTH AT TIME OF POSTTENSIONING.
10. STRESSING SEQUENCE FOR POSTTENSIONING TENDONS.
11. FOR STRUCTURES ASSIGNED TO SEISMIC DESIGN CATEGORY D, E OR F, A STATEMENT IF SLAB ON GRADE IS DESIGNED AS A STRUCTURAL DIAPHRAGM.

1901.6 SPECIAL INSPECTIONS AND TESTS
SPECIAL INSPECTIONS AND TESTS OF CONCRETE ELEMENTS OF BUILDINGS AND STRUCTURES AND CONCRETING OPERATIONS SHALL BE AS REQUIRED BY CHAPTER 17.

1903 SPECIFICATIONS FOR TESTS AND MATERIALS

1903.1 GENERAL
MATERIALS USED TO PRODUCE CONCRETE, CONCRETE ITSELF AND TESTING THEREOF SHALL COMPLY WITH THE APPLICABLE STANDARDS LISTED IN ACI 318.

1903.2 SPECIAL INSPECTIONS
WHERE REQUIRED, SPECIAL INSPECTIONS AND TESTS SHALL BE IN ACCORDANCE WITH CHAPTER 17.

1904 DURABILITY REQUIRMENTS

1904.1 STRUCTURAL CONCRETE
STRUCTURAL CONCRETE SHALL CONFORM TO THE DURABILITY REQUIREMENTS OF ACI 318.

1904.2 NONSTRUCTURAL CONCRETE
THE REGISTERED DEISIGN PROFESSIONAL SHALL ASSIGN NONSTRUCTURAL CONCRETE A FREEZE-THAW EXPOSURE CLASS, AS DEFINED IN ACI 318, BASED ON THE ANTICIPATED EXPOSURE OF NONSTRUCTURAL CONCRETE. NONSTRUCTURAL CONCRETE SHALL HAVE A MINIMUM SPECIFIED COMPRESSIVE STRENGTH, Fc OF 2500 PSI (17.2 MPa) FOR CLASS F0; 3,000 PSI (20.7 MPa) FOR CLASS F1; AND 3500 PSI (24.1 MPa) FOR CLASSES F2 AND F3. NONSTRUCTURAL CONCRETE SHALL BE AIR ENTRAINED IN ACCORDANCE WITH ACI 318.

1905 MODIFICATIONS TO ACI 318

1905.1 GENERAL
THE TEXT OF ACI 318 SHALL BE MODIFIED AS INDICATED IN SECTIONS 1905.1. THROUGH 1905.7

REFER TO APPLICABLE CODE SECTIONS IN NYSBC CHAPTER 19 FOR MODIFICATIONS

1907 MINIMUM SLAB PROVISIONS
THE THICKNESS OF CONCRETE FLOOR SLABS SUPPORTED DIRECTLY ON THE GROUND SHALL BE NOT LESS THAN 3-1/2 INCHES (89 MM). A 6-MIL (0.006 INCH; 0.15 MM) POLYETHYLENE VAPOR RETARDER WITH JOISTS LAPPED NOT LESS THAN 6 INCHES (152 MM) SHALL BE PLACED BETWEEN THE BASE OR SUBGRADE AND THE CONCRETE FLOOR SLAB, OR OTHER APPROVED EQUIVALENT METHODS OR MATERIALS SHALL BE USED TO RETARD VAPOR TRANSMISSION THROUGH THE FLOOR SLAB.

CHAPTER 21 - MASONRY

SECTION 2101 - GENERAL

2101.1 SCOPE
THIS CHAPTER SHALL GOVERN THE MATERIAL, DESIGN, CONSTRUCTION AND QUALITY OF MASONRY

2101.2 DESIGN METHODS
MASONRY SHALL COMPLY WITH THE PROVISIONS OF TMS 402, TMS 403, OR TMS 404 AS WELL AS APPLICABLE REQUIREMENTS OF THIS CHAPTER.

2101.3 SPECIAL INSPECTION
THE SPECIAL INSPECTION OF MASONRY SHALL BE AS DEFINED IN CHAPTER 17, OR AN ITEMIZED TESTING AND INSPECTION PROGRAM SHALL BE PROVIDED THAT MEETS OR EXCEEDS THE REQUIREMENTS OF CHAPTER 17.

SECTION 2103 - MASONRY CONSTRUCTION MATERIALS

2103.1 MASONRY UNITS
CONCRETE UNITS, CLAY OR SHALE MASONRY UNITS, STONE MASONRY UNITS, GLASS UNIT MASONRY AND AAC MASONRY UNITS SHALL COMPLY WITH ARTICLE 2.3 OF TMS 602. ARCHITECTURAL CAST STONE SHALL CONFORM TO ASTM C1364 AND TMS 504. ADHERED MANUFACTURED STONE MASONRY VENEER UNITS SHALL CONFORM TO ASTM C1670.

2103.2 MORTAR
MORTAR FOR MASONRY CONSTRUCTION SHALL COMPLY WITH SECTION 2103.2.1, 2103.2.2, 2103.2.3 OR 2103.2.4.

2103.2.1 MASONRY MORTAR
MORTAR FOR USE IN MASONRY CONSTRUCTION SHALL CONFORM TO ARTICLES 2.1 AND 2.6 A OF TMS 602.

2103.2.2 SURFACE-BONDING MORTAR
SURFACE-BONDING MORTAR SHALL COMPLY WITH ASTM C887. SURFACE BONDING OF CONCRETE MASONRY UNITS SHALL COMPLY WITH ASTM C946..

213.2.3 MORTARS FOR CERAMIC WALL AND FLOOR TILE
PORTLAND CEMENT MORTARS FOR INSTALLING CERAMIC WALL AND FLOOR TILE SHALL COMPLY WITH ANSI A108.1A AND ANSSI A108.1B AND BE OF THE COMPOSITIONS INDICATED IN TABLE 2103.2.3.

SECTION 2104 CONSTRUCTION

2104.1 MASONRY CONSTRUCTION
MASONRY CONSTRUCTION SHALL COMPLY WITH THE REQUIREMENTS OF SECTIONS 2104.1.1 THROUGH 2104.1.3 AND WITH THE REQUIREMENTS OF EITHER TMS 602 OR TMS 604.

SECTION 2105 QUALITY ASSURANCE

2105.1 GENERAL
A QUALITY ASSURANCE PROGRAM SHALL BE USED TO ENSURE THAT THE CONSTRUCTED MASONRY IS IN COMPLIANCE WITH THE APPROVED CONSTRUCTION DOCUMENTS.

THE QUALITY ASSURANCE PROGRAM SHALL COMPLY WITH THE INSPECTION AND TESTING REQUIREMENTS OF CHAPTER 17 AND TMS 602.

SECTION 2106 SEISMIC DESIGN

2106.1 SEISMIC DESIGN REQUIREMENTS FOR MASONRY
MASONRY STRUCTURES AND COMPONENTS SHALL COMPLY WITH THE REQUIREMENTS IN CHAPTER 7 OF TMS 402 DEPENDING ON THE STRUCTURE'S SEISMIC DESIGN CATEGORY.

SECTION 2107 ALLOWABLE STRESS DESIGN

2107.1 GENERAL
THE DESIGN OF MASONRY STRUCTURES USING ALLOWABLE STRESS DESIGN SHALL COMPLY WITH SECTION 2106 AND THE REQUIREMENTS OF CHAPTERS 1 THROUGH 8 OF TMS 402 EXCEPT AS MODIFIED BY SECTIONS 2107.2 THROUGH 2107.3.

CHAPTER 22 - STEEL

2201 - GENERAL

1. THE IDENTIFICATION PROTECTION CONNECT AND ANCHOR RODS SHALL BE IN ACCORDANCE WITH SECTIONS 2201.1 THROUGH 2201.5.

2202 - STRUCTURAL STEEL

1. THE DESIGN, FABRICATION & ERECTION OF STRUCTURAL STEEL ELEMENTS SHALL BE IN ACCORDANCE WITH SECTIONS 2202.1 THROUGH 2202.2.2.

2206 - COLD FORMED STEEL LIGHT FRAME CONSTRUCTION

1. THE DESIGN AND INSTALLATION OF COLD FORMED LIGHT STEEL CONSTRUCTION SHALL BE IN ACCORDANCE WITH SECTIONS 2206.1 THROUGH 2206.3.

2208 - STEEL DECK

1. THE DESIGN AND CONSTRUCTION OF COLD FORMED STEEL FLOOR AND ROOF DECKS AND COMPOSITE SLABS OF CONCRETE AND STEEL DECKS SHALL BE IN ACCORDANCE WITH 'S DI SD'.

ELLENVILLE FD - DESIGN CRITERIA:

DESIGN LOADS:

- GROUND SNOW LOAD = 50 PSF
- SNOW LOAD IMPORTANCE FACTOR I_s = 1.2
- THERMAL FACTOR C = 1.0
- FLAT ROOF SNOW LOAD = 45 PSF
- ROOF DEAD LOAD = 20 PSF
- ROOF LIVE LOAD = 60 PSF
- FLOOR (LL) = 100 PSF
- FLOOR (DL) = 75 PSF
- (DRIFTING LOADS IN ACCORDANCE WITH ASCE 7)
- WIND (138 MPH) = 30 PSF
- WIND IMPORTANCE FACTOR I_W = 1.0
- EXPOSURE "B"
- INTERNAL PRESSURE COEFFICIENT = ± .18
- DESIGN WIND PRESSURE FOR COMPONENTS & CLADDING = +34 PSF; -43 PSF
- OCCUPANCY CATEGORY IV

SEISMIC DESIGN PARAMETERS:

1. I_E = 1.5; SEISMIC USE GROUP "IV"
2. S_s = .19
   S_1 = .046
3. SITE CLASS "D"
4. S_{DS} = .16
   S_{D1} = .065
5. SEISMIC DESIGN CATEGORY "B"
6. SEISMIC COEFFICIENTS FOR ORDINARY REINFORCED MASONRY SHEARWALLS
   A. R = 2.0
   B. I_V = 2.5
   C. Cd = 1.75
   D. REDUNDANCY COEFFICIENT = 1.0
   E. FUNDAMENTAL PERIOD = .58 SEC.
   F. C_s = .084
7. DESIGN BASE SHEAR = 192 KIPS

SPECIAL INSPECTIONS REQUIRED:

1. STEEL
   A. MATERIAL VERIFICATION OF STRUCTURAL STEEL
   B. HIGH STRENGTH BOLTS
   C. WELDING
   D. JOINT DETAILS AS CONSTRUCTED
2. CONCRETE
   A. REINFORCING STEEL
   B. ANCHOR BOLTS
   C. PLACEMENT & CURING
   D. SAMPLING FRESH CONCRETE
3. MASONRY
   A. MORTAR & JOINTS
   B. REINFORCING
   C. HOT & COLD WEATHER PROTECTION
   D. GROUTING
4. PILE FOUNDATIONS
   A. CONTINUOUS SPECIAL INSPECTIONS DURING INSTALLATION.

* SOIL BEARING CAPACITY (PER TEST BORIONS REPORT) = 1 TSF

PROJECT STRUCTURAL NOTES

FOUNDATION:

1. ALL FOOTINGS SHALL REST ON UNDISTURBED SOIL OF 1.0 TSF BEARING CAPACITY, SUBJECT TO CONTROLLED INSPECTION
2. KEEP FOOTING BOTTOMS WELL DRAINED UNTIL FOOTINGS ARE IN PLACE, PUMP AS REQUIRED.
3. CONSTRUCTION JOINTS IN FOUNDATION WALLS SHALL BE NO MORE THAN 50 FEET APART AND NO LESS THAN 4'-0" FROM ANY PIER. REINFORCEMENT SHALL BE CONTINUOUS THROUGH CONSTRUCTION JOINTS. DO NOT USE HORIZONTAL CONSTRUCTION JOINTS.
4. SLABS ON GRADE SHALL BE PLACED BY STRIP PLACING METHOD (MAX. WIDTH 30 FT. BY INFINITE LENGTH) WITH CONTROL JOINTS SAW CUT) MAX. 30'-0" O.C.; CONSTRUCTION JOINTS SHALL BE LOCATED ALONG LENGTH OF PLACEMENT AND AT ENDS OF PLACEMENT.

CONCRETE

1. ALL CONCRETE WORK SHALL CONFORM TO ACI 318; CONCRETE SLABS SHALL BE 4,000 PSI STONE CONCRETE; ALL EXTERIOR CONCRETE WORK SHALL BE 4,000 PSI AIR-ENTRAINED. SLABS ON GRADE SHALL BE NORMAL WEIGHT CONCRETE.
2. ALL REINFORCEMENT SHALL BE DEFORMED TYPE INTERMEDIATE GRADE NEW BILLET STEEL CONFORMING TO ASTM A-615 GRADE 60.
3. TEMPERATURE REINFORCEMENT SPLICES, SUPPORTS FOR REINFORCEMENT SHALL CONFORM TO REQUIREMENTS OF ACI-318 22.
4. CONTINUOUS REINFORCEMENTS SHALL BE LAPPED 48 DIAMETERS AT SPLICES AND CORNERS AND HOOKED AT NON-CONTINUOUS ENDS OR EXTENDED 24 BAR DIAMETERS UNLESS OTHERWISE NOTED. DETAILING OF ALL REINFORCEMENT SHALL BE IN ACCORDANCE WITH ACI 318R-18
5. PROVIDE TWO #6 ALL SIDES FOR OPENINGS IN CONCRETE WALLS UNLESS OTHERWISE NOTED. EXTEND BARS 2'-0" BEYOND OPENING; HOOK ENDS.
6. PROVIDE SLEEVES AND BOX OUT FOR OPENINGS FOR MECHANICAL, PLUMBING, FIRE SPRINKLER AND ELECTRICAL TRADES. OPENINGS SHALL BE PLACED SO AS NOT TO AFFECT THE STRENGTH OF STRUCTURAL MEMBERS.
7. BEFORE PLACING CONCRETE, CONTRACTOR SHALL SUBMIT FOR REVIEW A COMPLETE SEQUENCE OF PLACING SCHEDULE. INDICATING ALL CONSTRUCTION JOINTS, TIME SCHEDULE, AND GUARANTEE OF CONTINUITY OF CONCRETE SUPPLY.

STRUCTURAL STEEL:

1. STRUCTURAL STEEL SHALL BE FABRICATED AND ERECTED IN ACCORDANCE WITH AISC SPECIFICATIONS FOR DESIGN. FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS.
2. ROLLED SHAPES AND PLATES SHALL CONFORM TO ASTM DESIGNATION A-572 UNLESS NOTED OTHERWISE; STEEL PIPE SHALL CONFORM TO ASTM A501; STRUCTURAL TUBING SHALL CONFORM TO ASTM A500 GRADE B.
3. SHOP CONNECTIONS SHALL BE WELDED. FIELD CONNECTIONS SHALL BE 3/4" DIAMETER A-325 TYPE-N CONNECTIONS, EXCEPT WHERE FIELD WELDING IS CALLED FOR ON THE DRAWING.
4. WELDING SHALL COMPLY WITH AWS SPECIFICATIONS. USE E70XX ELECTRODES
5. ALL STEEL SHALL RECEIVE ONE SHOP COAT OF RUST-INHIBITIVE PAINT.
6. PROVIDE ANGLE ANCHORS AT ENDS OF ALL BEAMS RESTING ON MASONRY OR CONCRETE.
7. CONNECTIONS TO BE DOUBLE ANGLE CONNECTIONS UNLESS NOTED OTHERWISE.
8. ALL BASE PLATES SHALL BE ANCHORED WITH (4) 3/4" DIAMETER BY 18" LONG ANCHOR BOLTS UNLESS OTHERWISE NOTED.
9. ALL LOOSE LINTELS SHALL HAVE A MINIMUM OF 8" BEARING AT EACH END OF M.O.; PROVIDE FLASHING AT ALL EXTERIOR OPENINGS. ALL WIDE FLANGE LINTELS SHALL HAVE A MIMUMUM OF 10" BEARING EACH END OF 16" BRICK MASONRY.
10. PROVIDE ALL BOLTS, HOLES, ANCHORS, ANGLES, ETC. AS REQUIRED FOR A COMPLETE INSTALLLATION AND AS REQUIRED BY THE WORK OF OTHER TRADES.
11. PROVIDE MASONRY ANCHORS AT 32" O.C. ON ALL SPANDREL BEAMS AND 16" O.C. ON ALL COLUMNS, HOHMANN & BARNARD 1/4" #VWT GALV. WALL TIES WITH #359 GALV. WELD-ON TIES OR APP. EQUAL.
12. PRIOR TO FABRICATION; GENERAL CONTRACTOR SHALL SUBMIT A FULL SET OF STRUCTURAL STEEL FABRICATORS SHOP DRAWINGS THAT CONFORM TO ALL REQUIREMENTS OF DESIGN WITHIN THE BID DOCUMENTS. DISCREPANCIES OR RFI'S (IF ANY) SHALL BE PRESENTED TO THE ARCHITECT & STRUCTURAL ENGINEER OF RECORD FOR REVIEW PRIOR TO SHOP DRAWING SUBMISSION. ANY CHANGES OR INTERPRETATIONS MADE TO THE BID STRUCTURAL DESIGN WHICH ARE NOT PRESENTED TO THE ARCHITECT AS WRITTEN CORRESPONDENCE PRIOR TO SHOP DRAWING REVIEW SHALL BE AT THE RESPONSIBILITY OF THE GENERAL CONTRACTOR & STEEL FABRICATOR.

STEEL DECK:

1. STEEL FLOOR DECK SHALL BE 1-1/2" DEEP GALV. 22 GAUGE B-LOK COMPOSITE STL. DECK.
2. WELD SIDE LAPS AT MID-POINT OF SPAN.
3. ROOF DECK SHALL BE 22 GA, 1-1/2" DEEP GALVANIZED TYPE 'B' AS MANUFACTURED BY UNITED STEEL DECK INC. WHERE SHOWN ON PLAN.
4. ALL SLAB ON DECK SHALL BE 5" CONCRETE SLAB WITH 6"/6" - W4.0/W4.0 WWM ON 1-1/2" DEEP 22 GAUGE B-LOK COMPOSITE STEEL DECK, TYPICAL UNLESS OTHERWISE NOTED.
5. ROOF JOISTS SUPPORTING STEEL ROOF DECK SHALL BE DESIGNED FOR NET UPLIFT OF 10 PSF.
6. STRUCTURAL STEEL CONTRACTOR SHALL COORDINATE ALL ROOF OPENINGS WITH OTHER TRADES - REF. DETAIL 1
7. PROVIDE 4"x4"x1/4" ANGLE FRAME AT PERIMETER OF ALL ROOF UNITS AND PENETRATIONS. EXTEND TO NEAREST PERPENDICULAR JOIST.

DATE	ISSUED
09-17-2026	ISSUED FOR GENERAL CONSTRUCTION BID AS SINGLE PRIME CONTRACT INCLUDING ALL TRADES

SEAL



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STRUCTURAL CODE AND PROJECT NOTES

PROJECT No. 2501

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