

**NEW YORK CITY
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WATER SUPPLY
DIVISION OF INFRASTRUCTURE DESIGN & CONSTRUCTION**

**CONTRACT NO. CRO-557G
TOWN OF MOUNT PLEASANT, NY**

**WATERFOWL
MANAGEMENT
PROGRAM BUILDING
AND PAVING**

JANUARY 2023



KEY PLAN



LOCATION PLAN

APPROVED FOR THE CITY OF NEW YORK

**Todd A. West,
P.E., Director**

Digitally signed by Todd A. West,
P.E., Director
Date: 2022.12.20 13:34:31 -05'00'

**TODD WEST, P. E.
DIRECTOR - PLANNING
BUREAU OF WATER SUPPLY**

Paul V Rush

Digitally signed by Paul V Rush
Date: 2022.12.22 09:17:05
-05'00'

**PAUL V. RUSH, P.E.
DEPUTY COMMISSIONER
BUREAU OF WATER SUPPLY**

Rohit T. Aggarwala

Digitally signed by Rohit T.
Aggarwala
Date: 2022.12.27 11:28:57 -05'00'

**ROHIT AGGARWALA
COMMISSIONER
NYC DEPARTMENT OF ENVIRONMENTAL PROTECTION**

LEGEND

EXISTING	
	CHAINLINK FENCE
	STOCKADE FENCE
	SPLIT RAIL FENCE
	BOTTOM OF CURB LINE
	TAX LOT LINE
	OVERHEAD UTILITY LINES
	SEWER LINE (OF RECORD)
	STORM DRAIN LINE
	WATER LINE (OF RECORD)
	WATER LINE (TONE OUT)
	GAS LINE (TONE OUT)
	BUILDING
	SAW CUT LINE
	LIMIT OF WORK
	ELEVATION
	TOP OF CURB ELEVATION
	BOTTOM OF CURB ELEVATION

SEE INDIVIDUAL SHEETS FOR PROPOSED LEGEND ITEMS.

ABBREVIATIONS

ABANDONED	ABDN.
AHEAD	AH
AMERICAN SOCIETY FOR TESTING AND MATERIALS	ASTM
AS ORDER BY THE ENGINEER	AOBE
ASPHALT	ASPH.
BACK	BK
BASE LINE	B.L.
BITUMINOUS	BIT.
BUILDING	BLDG.
BLOCK	BLK.
BOTTOM OF CURB	BC
BOTTOM OF WALL	BW
BOTTOM OF SIDEWALK ELEVATION	BS
BRICK	BRK.
CATCH BASIN	CB.
CENTER LINE	C.L.
CENTER TO CENTER	C-C
CHAIN LINK FENCE	C.L.F.
CLEARANCE	CL.
CONCRETE	CONC.
CONCRETE SIDEWALK	C.S.W.
CONCRETE CURB	C.C.
DIAMETER	DIA.
DRAWING	DWG
DROP CURB	D.C.
DRYWELL	DW.
EAST	E
EDGE OF PAVEMENT	E.O.P.
ELEVATION	ELEV
ELECTRIC PULL BOX	EPB
EXISTING	EXIST.
FEET	FT
FIELD INLET	FI.
FRAME	FR.
GAS VALVE	GV
GROUND ELEVATION	GRD
HIGH-DENSITY POLYETHYLENE	HDPE
HORIZONTAL	HORZ
INCH	IN
INVERT ELEVATION	INV.
LINEAR FEET	LF
LINEAR	LIN
LONG	LG
MANHOLE	MH
MAXIMUM	MAX.
MINIMUM	MIN.
NEW YORK CITY DEPARTMENT OF ENVIRONMENTAL PROTECTION	NYCDEP
NORTH	N
NOT TO SCALE	N.T.S.
ON CENTER	O.C.
OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION	OSHA
PAVEMENT	PAVT.
POUNDS	LB
POUNDS PER SQUARE INCH	PSI
RADIUS	R
RECYCLED CONCRETE AGGREGATE	RCA
REINFORCED CONCRETE PIPE	RCP
RIM ELEVATION	RIM.
ROADWAY	RDWY.
STONE UNDERDRAIN	S
SANITARY	SAN
SEWER	SWR.
SPECIFICATIONS	SPECS.
SQUARE	SQ
STANDARD	STD.
STORM WATER	ST.W.
TOP OF CURB	TC
TOP OF WALL	TW
TYPICAL	TYP.
UNKNOWN PULL BOXES	UPB
VACANT	VAC.
VARIABLES	VAR
VERIFY IN FIELD	VIF
VERTICAL	VERT
WATER VALVE	WV
WELDED WIRE FABRIC	WWF
WELDED WIRE MESH	WWM

GENERAL NOTES

- DEMOLITION AND REMOVALS / SITE CLEARING INCLUDES BUT IS NOT LIMITED TO THE REMOVAL OF SIDEWALK, CURB, PAVEMENT, DRIVEWAYS, PIPE, MANHOLES, AND OTHER SUBSURFACE STRUCTURES, TREES, BRUSH, ROOTS, DEBRIS, VEGETATION, EXISTING LIGHTS AND POLES AND ALL OTHER ITEMS REQUIRED TO CONSTRUCT THE PROJECT AND/OR AS SHOWN IN THE PLANS. SEE SPECIFICATION SECTION 02222 AND 02230 FOR REQUIREMENTS.
- DEMOLITION AND REMOVALS AND EXCAVATION INCLUDES BUT IS NOT LIMITED TO EXCAVATION REQUIRED FOR SOIL RESTORATIONS, NEW MANHOLES, INLETS, OR DRAINAGE PIPES. ALL VOIDS CREATED BY THE REMOVAL OF EXISTING STORM DRAINS AND SUBSURFACE STRUCTURES SHALL BE BACKFILLED WITH SUITABLE EXCAVATION MATERIAL AS DIRECTED BY THE ENGINEER. IF NO SUITABLE EXCAVATION IS AVAILABLE IN THE OPINION OF ENGINEER, THE CONTRACTOR SHALL PROVIDE SATISFACTORY SOIL MATERIAL MEETING THE REQUIREMENTS OF THE SPECIFICATIONS FOR USE AS BACKFILL. ALL EXCAVATION SHALL COMPLY WITH OSHA REQUIREMENTS. EXPLOSIVES SHALL NOT BE ALLOWED FOR ROCK EXCAVATION. SEE SPECIFICATIONS SECTION 02222 AND 02316 FOR FULL REQUIREMENTS.
- LOCATIONS OF EXISTING UTILITIES AND SEWERS SHOWN ON THE PLANS WERE DETERMINED BY STANDARD SURVEYING METHODS, AVAILABLE RECORDS AND THROUGH SOLICITATION OF THE RESPECTIVE UTILITY OWNERS. THE INFORMATION FOR THE EXACT LOCATION OF THESE UTILITIES IS NOT GUARANTEED TO BE COMPLETE OR CORRECT. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL UTILITIES IN THE FIELD PRIOR TO STARTING CONSTRUCTION.
- THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL FIELD LAYOUT AND VERIFYING ALL EXISTING CONDITIONS IN THE FIELD.
- EXISTING DIMENSIONS, OFFSETS, INVERTS, RADII, ETC. SHALL BE VERIFIED IN THE FIELD PRIOR TO ANY CONSTRUCTION ACTIVITY. ANY DISCREPANCY SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ENGINEER FOR RESOLUTION. ALL NOTIFICATIONS SHALL BE IN WRITING.
- ALL GRADING SHALL BE AS SHOWN ON THE PLANS. THE CONTRACTOR SHALL CAREFULLY DETERMINE ACTUAL GRADING LIMITS BEFORE BEGINNING DEMOLITION AND SITE CLEARING OPERATIONS. CARE SHALL BE TAKEN TO RETAIN EXISTING NATURAL GROWTH AND PREVENT DAMAGE TO TREES OUTSIDE THE PROJECT LIMITS. ANY DAMAGE CAUSED TO THIS NATURAL GROWTH SHALL BE RESTORED AT THE CONTRACTOR'S EXPENSE. ALL AREAS DISTURBED BY THE CONTRACTOR WITHOUT AUTHORIZATION BY THE ENGINEER SHALL BE RESTORED BY THE CONTRACTOR AT HIS EXPENSE.
- WHERE CONSTRUCTION CROSSES OR IS ADJACENT TO AN EXISTING ELECTRIC, GAS, COMMUNICATIONS, OR OTHER UTILITY LINE, THE CONTRACTOR SHALL CAREFULLY HAND EXCAVATE TO LOCATE, MARK AND PROTECT THE UTILITY LINE AGAINST DISTURBANCE OR DAMAGE BY PROVIDING ADEQUATE SUPPORT AND PROTECTION AS APPROVED BY THE ENGINEER. THE CONTRACTOR SHALL REPAIR ANY ELECTRIC POWER INTERRUPTION IMMEDIATELY, AT NO ADDITIONAL COST TO THE CONTRACT.
- THE CONTRACTOR SHALL COORDINATE THE LOCATIONS OF TREES AND OTHER PLANTINGS WITH THE DRAINAGE, INCLUDING UNDERGROUND DRAINAGE.
- THE CONTRACTOR SHALL RESTORE ALL PUBLIC OR PRIVATE PROPERTY DAMAGED OR REMOVED TO AT LEAST AS GOOD A CONDITION AS BEFORE BEING DISTURBED. AS DETERMINED BY THE ENGINEER, ANY DAMAGED TREES, SHRUBS, AND/OR HEDGES SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE. NO WORK SHALL BE PERFORMED ON OTHER PROPERTIES AND BUILDINGS WITHOUT THE PROPER AUTHORIZATION.
- CONTRACTOR SHALL EXERCISE CARE TO MINIMIZE CLEARING. SPECIFIC TREES AND ITEMS TO BE CLEARED MUST BE APPROVED BY THE ENGINEER PRIOR TO REMOVAL.
- THE CONTRACTOR SHALL COMPLY WITH ALL REQUIRED PERMITS FROM LOCAL, STATE AND FEDERAL AGENCIES, AS REQUIRED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND INCURRING THE COST OF ALL REQUIRED PERMITS, INSPECTIONS, CERTIFICATES, ETC.
- THE CONTRACTOR SHALL PROTECT EXISTING SURVEYING AND PROPERTY LINE MONUMENTATION. ANY EXISTING SURVEYING AND PROPERTY LINE MONUMENTATION THAT IS DISTURBED OR DESTROYED, AS JUDGED BY THE ENGINEER, SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE UNDER THE SUPERVISION OF A NEW YORK STATE LICENSED LAND SURVEYOR.
- BEFORE PLANNING OR PROCEEDING WITH ANY EXCAVATION WORK, THE CONTRACTOR SHALL NOTIFY THE "CALL BEFORE YOU DIG" NUMBER AT 811 A MINIMUM OF FIVE WORKING DAYS PRIOR TO ANY EXCAVATION OPERATIONS.
- ALL TRENCH EXCAVATION AND ANY REQUIRED SHEETING AND SHORING SHALL BE DONE IN ACCORDANCE WITH THE LATEST REVISIONS OF NEW YORK STATE INDUSTRIAL CODE RULE 23 AND OSHA REGULATIONS FOR CONSTRUCTION AND IN ACCORDANCE WITH THE SPECIFICATIONS.
- CONTRACTOR IS RESPONSIBLE FOR DEWATERING AND THE MAINTENANCE OF SURFACE DRAINAGE DURING THE COURSE OF WORK, IF REQUIRED, IN ACCORDANCE WITH THE SOIL EROSION AND SEDIMENTATION CONTROL PLANS AND DETAILS.
- CONTRACTOR SHALL GRADE ALL AREAS ON THE SITE TO MAINTAIN POSITIVE DRAINAGE.
- ALL CONFINED SPACE ENTRIES SHALL BE MADE IN STRICT ACCORDANCE WITH OSHA REGULATIONS REGARDING CONFINED SPACE ENTRY.
- ALL WORK SHALL BE DONE IN STRICT COMPLIANCE WITH ALL APPLICABLE NYSDOT AND LOCAL SPECIFICATIONS, AS THEY MAY APPLY.
- CONTRACTOR SHALL MAINTAIN PEDESTRIAN AND VEHICLE ACCESS TO THE SITE AT ALL TIMES IN A MANNER ACCEPTABLE TO THE ENGINEER.
- CONTRACTOR SHALL TAKE GREAT CARE TO MAINTAIN A SAFE AND SECURE WORK AREA AT ALL TIMES THROUGH THE USE OF BARRICADES AND SAFETY FENCE.
- THE CONTRACTOR SHALL COMPLY WITH THE CONDITIONS AS SET FORTH IN THE PERMITS ISSUED BY THE REGULATORY AGENCIES, IF ANY.
- PROVIDE SPECIAL INSPECTIONS AS FOLLOWS AS PER TOWN OF MOUNT PLEASANT BUILDING DEPARTMENT REQUIREMENTS, SPECIFICATIONS AND INSTRUCTIONS.
- HORIZONTAL DATUM IS NAD-83 NEW YORK EAST ZONE 3101. VERTICAL DATUM IS NAVD 88, EXPRESSED IN US FEET.
- THE CONTRACTOR SHALL DO TEST PIT FOR UTILITY CONFLICTS PRIOR TO CONSTRUCTION ACTIVITIES.
- KENSICO RESERVOIR IS RECOGNIZED AS A REGULATED WATERCOURSE BY THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION AND A REGULATED WETLAND BY THE TOWN OF MOUNT PLEASANT. BOTH ENTITIES REQUIRE A 50 FOOT BUFFER FOR ALL CONSTRUCTION ACTIVITIES NEAR THE MAXIMUM RESERVOIR ELEVATION OF 357 FEET. THE CONTRACTOR SHALL NOT PERFORM ANY CONSTRUCTION ACTIVITIES WITHIN 50 FEET OF THE 357 FOOT CONTOUR WITHOUT EXPLICIT DIRECTION FROM THE ENGINEER.

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GEDEON GRC CONSULTING
 ENGINEERS • PLANNERS • CONSTRUCTION MANAGERS
 6901 JERICHO TURNPIKE, SUITE 216
 SYOSSET, N.Y. 11791

DESIGNED BY: J. CAUSARANO	DRAWN BY: C. DEBONA
CHECKED BY: J. LAPADULA	DESIGN LEAD: R. GEDEON

Hazen

Environmental Protection

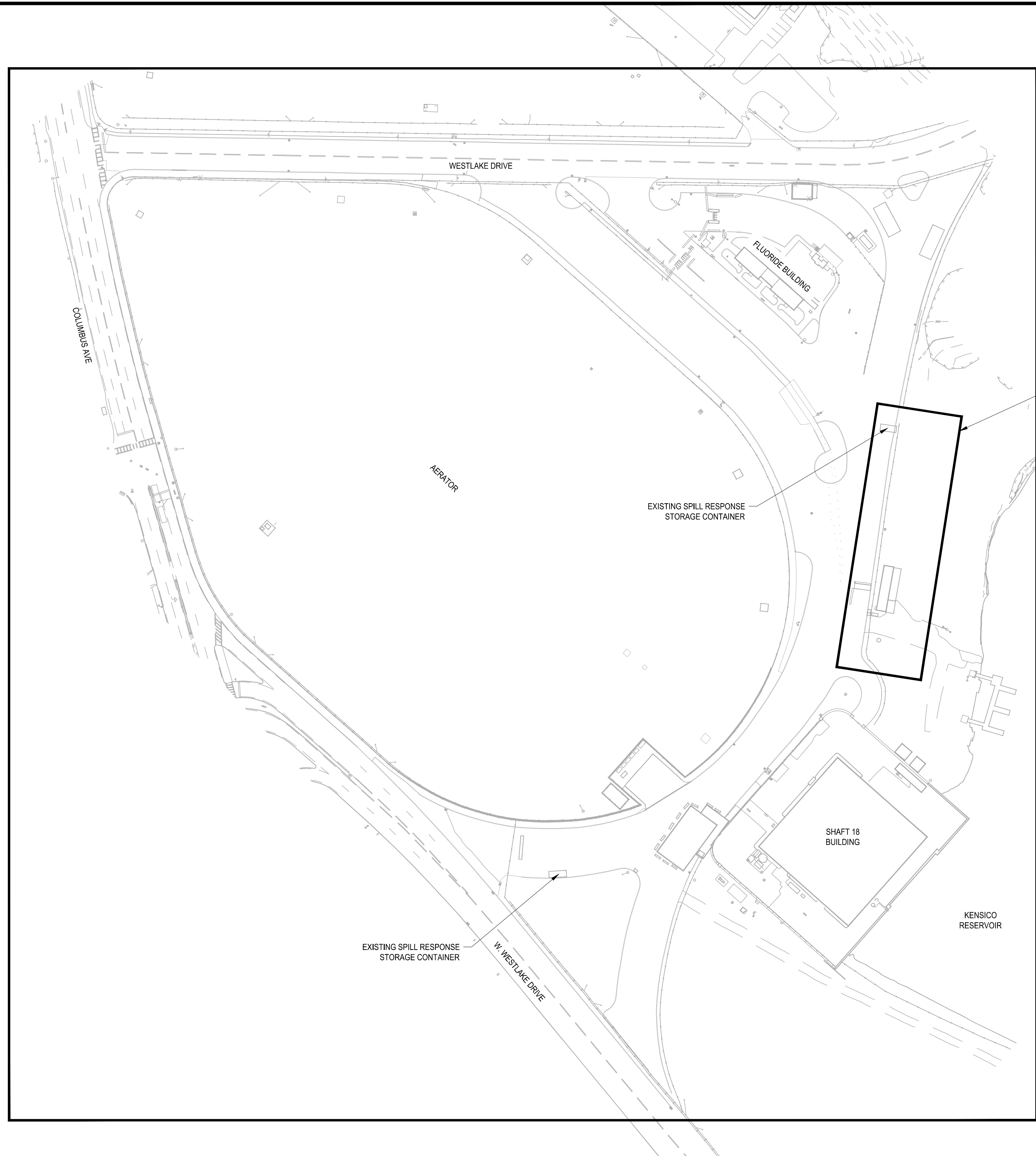
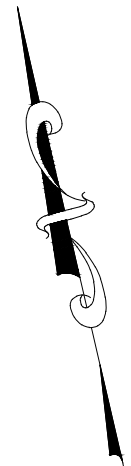
ACCOUNTABLE MANAGER
JOSE NIEVES

PROJECT MANAGER
MARK DELBALZO, P.E.

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NEW YORK CITY
ENVIRONMENTAL PROTECTION
 BUREAU OF WATER SUPPLY
 465 COLUMBUS AVENUE, SUITE 270
 VALHALLA, NEW YORK 10595-1336
 www.nyc.gov/dep

BID SET	IF SHEET IS LESS THAN 22" X 34" IT IS A REDUCED PRINT. SCALE ACCORDINGLY
WATERFOWL MANAGEMENT PROGRAM BUILDING AND PAVING MOUNT PLEASANT, NEW YORK	DATE: JANUARY 2023
GENERAL NOTES, LEGENDS, AND ABBREVIATIONS	SCALE: NA
	SHEET NO: 3 OF No. 80
	DRAWING NO. C0-010



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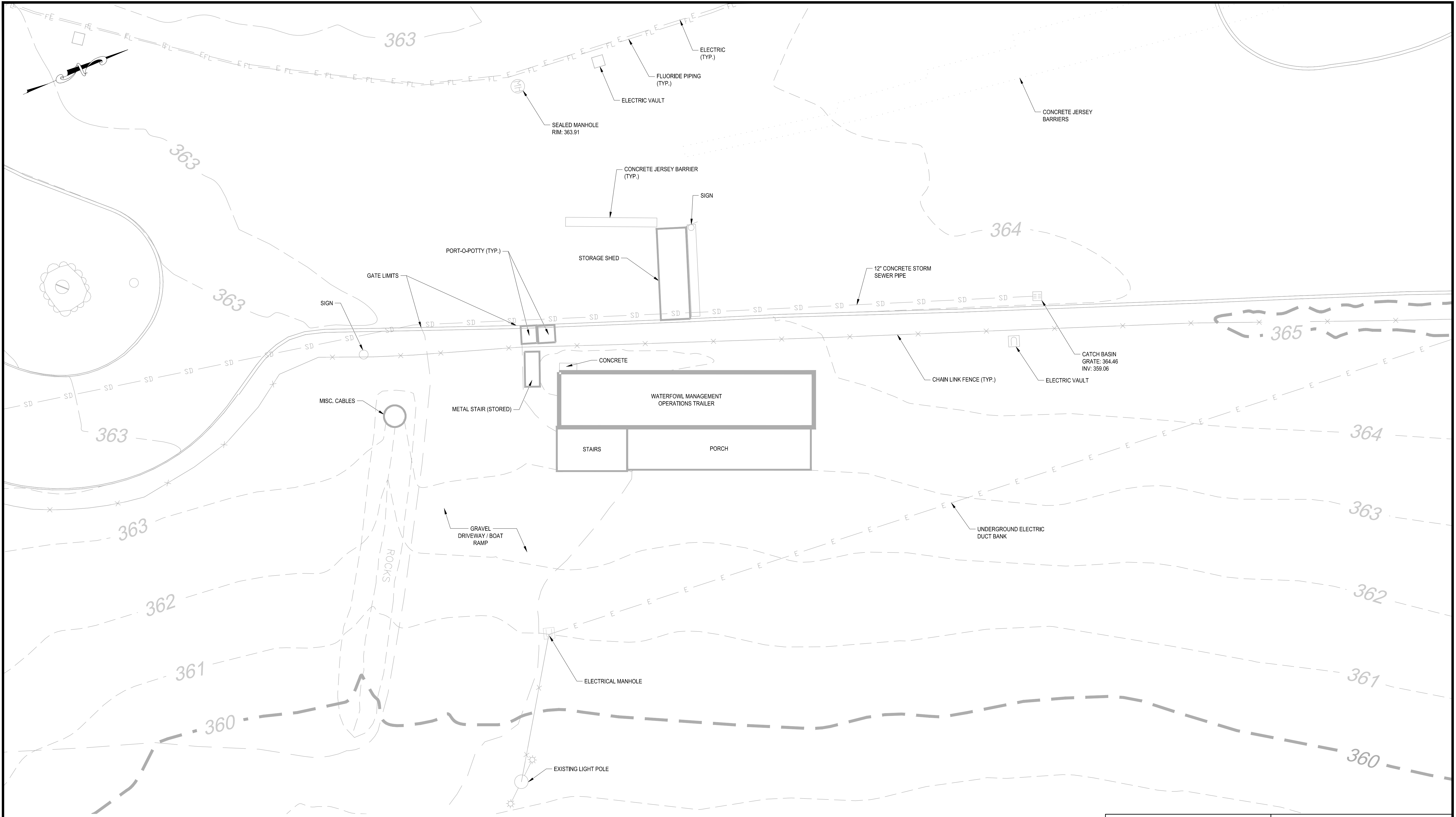
ACCOUNTABLE MANAGER
 JOSE NIEVES
 PROJECT MANAGER
 MARK DELBALZO, P.E.

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 VALHALLA, NEW YORK 10595-1336
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BID SET		DATE: JANUARY 2023 SCALE: 1" = 80' SHEET NO: 4 OF No. 80 DRAWING NO. C0-011
	IF SHEET IS LESS THAN 22" X 34" IT IS A REDUCED PRINT. SCALE ACCORDINGLY	
WATERFOWL MANAGEMENT PROGRAM BUILDING AND PAVING MOUNT PLEASANT, NEW YORK OVERALL EXISTING CONDITIONS PLAN		

All inquiries regarding this drawing(s) or project should be made to NYC Environmental Protection, Bureau of Engineering Design and Construction.



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 SYOSSET, N.Y. 11791

DESIGNED BY: J. CAUSARANO	DRAWN BY: C. DEBONA
CHECKED BY: J. LAPADULA	DESIGN LEAD: R. GEDEON

Hazen

Environmental Protection

ACCOUNTABLE MANAGER
JOSE NIEVES

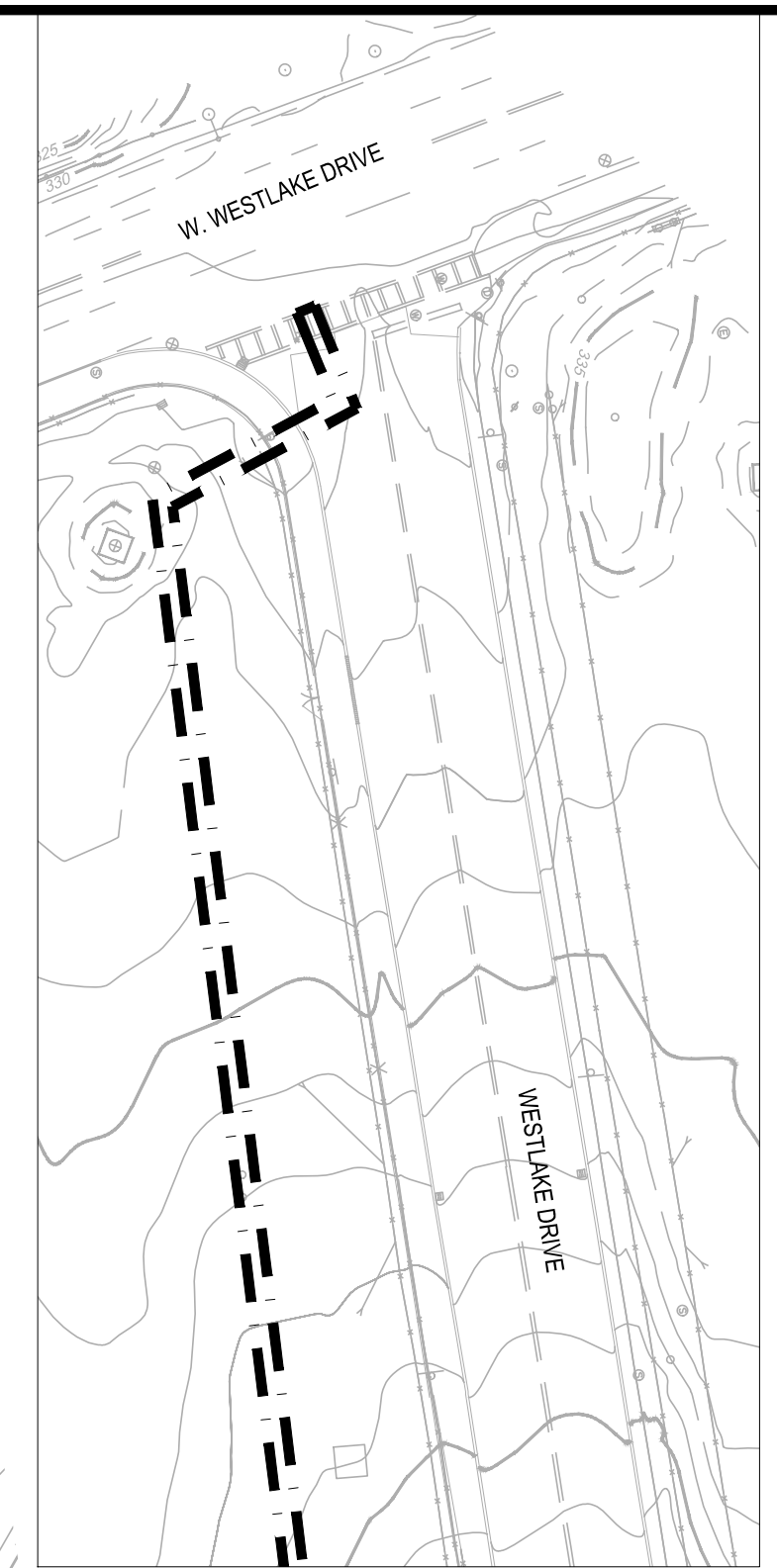
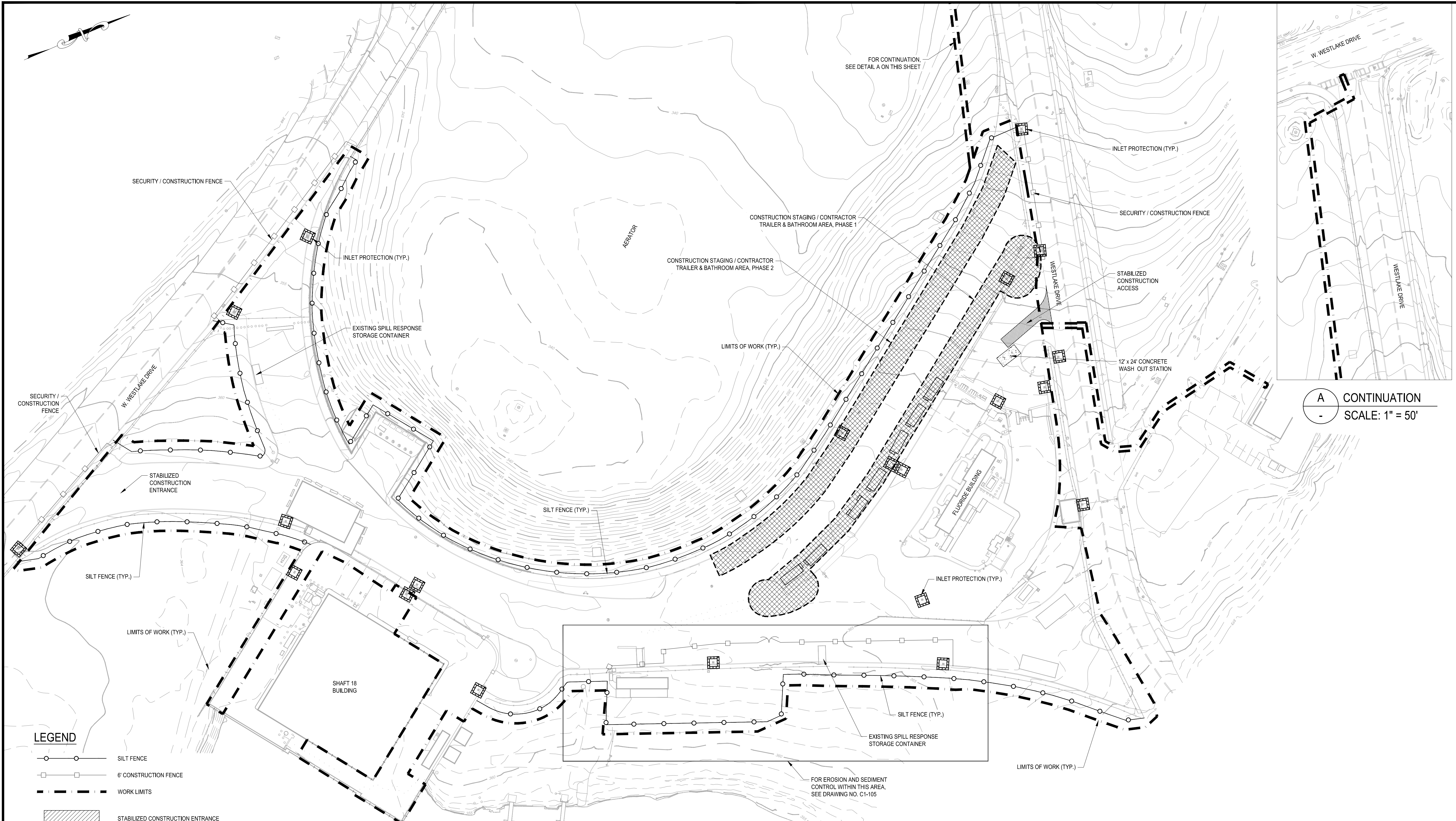
PROJECT MANAGER
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 VALHALLA, NEW YORK 10595-1336
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BID SET WATERFOWL MANAGEMENT PROGRAM BUILDING AND PAVING MOUNT PLEASANT, NEW YORK EXISTING CONDITIONS PLAN		DATE: JANUARY 2023 SCALE: 1" = 10' SHEET NO: 5 OF No. 80 DRAWING NO. C1-100
	IF SHEET IS LESS THAN 22" X 34" IT IS A REDUCED PRINT. SCALE ACCORDINGLY	

All inquiries regarding this drawing(s) or project should be made to NYC Environmental Protection, Bureau of Engineering Design and Construction.



A CONTINUATION
 - SCALE: 1" = 50'

LEGEND

- SILT FENCE
- 6' CONSTRUCTION FENCE
- WORK LIMITS
- STABILIZED CONSTRUCTION ENTRANCE
- INLET PROTECTION

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DESIGNED BY:
 J. CAUSARANO
 CHECKED BY:
 J. LAPADULA

DRAWN BY:
 C. DEBONA
 DESIGN LEAD:
 R. GEDEON



ACCOUNTABLE MANAGER
 JOSE NIEVES
 PROJECT MANAGER
 MARK DELBALZO, P.E.

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BID SET	0 50' 100'
	IF SHEET IS LESS THAN 22" X 34" IT IS A REDUCED PRINT. SCALE ACCORDINGLY

WATERFOWL MANAGEMENT PROGRAM BUILDING AND PAVING MOUNT PLEASANT, NEW YORK SOIL EROSION AND SEDIMENT CONTROL PLAN FOR PAVEMENT	DATE: JANUARY 2023
	SCALE: 1" = 50'
	SHEET NO: 6 OF No. 80
	DRAWING NO. C1-101

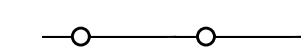
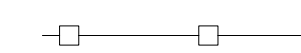

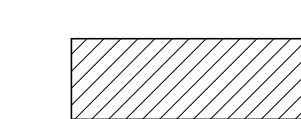

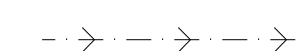
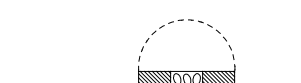
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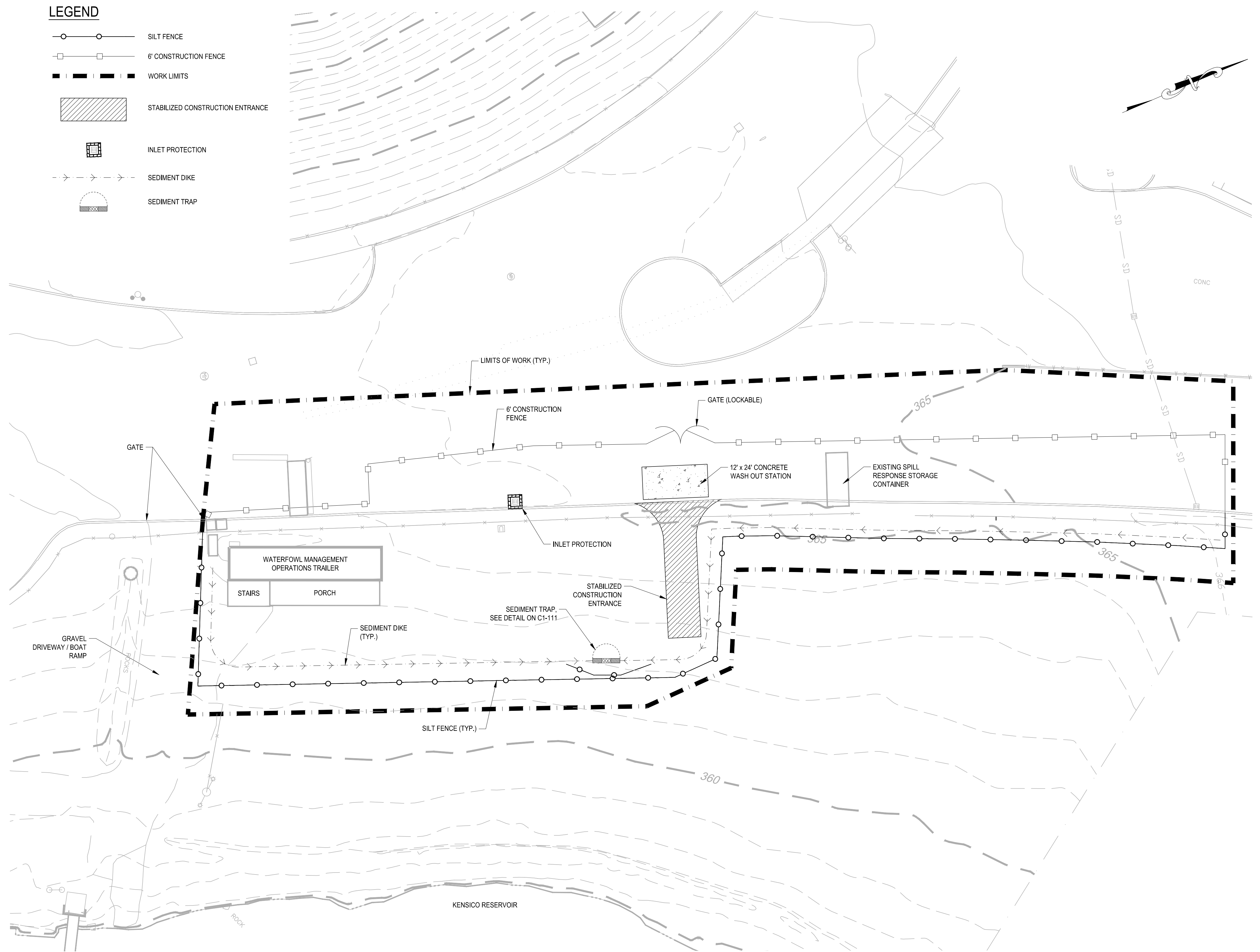
All inquiries regarding this drawing(s) or project should be made to NYC Environmental Protection, Bureau of Engineering Design and Construction.

SOIL EROSION & SEDIMENT CONTROL NOTES:

1. DUE TO CONSTRUCTION AND DEMOLITION PHASE REQUIRED BY THIS CONTRACT, IT IS ANTICIPATED THAT THE LOCATION AND NATURE OF EROSION AND SEDIMENT CONTROL MEASURES WILL BE ADJUSTED AS REQUIRED TO REFLECT THE CURRENT PHASE OF WORK. THE CONSTRUCTION SCHEDULE ADOPTED BY THE CONTRACTOR WILL IMPACT ON THE PLACEMENT AND NEED FOR SPECIFIC DEVICES REQUIRED FOR THE CONTROL OF EROSION. THE LOCATION AND EXTENT OF EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REVISED AT EACH PHASE OF CONSTRUCTION THAT RESULTS IN A CHANGE OF EITHER THE QUANTITY OR DIRECTION OF THE SURFACE RUNOFF FROM THE CONSTRUCTION AREAS.
2. NO CONSTRUCTION OR LAND DISTURBANCE ACTIVITY MAY BEGIN UNTIL ALL PERIMETER EROSION CONTROL MEASURES HAVE BEEN INSTALLED AS SHOWN ON THE CONTRACT DRAWINGS. MEASURES SHALL INCLUDE BUT NOT LIMITED TO TEMPORARY DIVERSION SWALES, SILT FENCING, CATCH BASIN PROTECTION AND STABILIZED CONSTRUCTION ENTRANCE. IF CLEARING IS REQUIRED FOR INSTALLATION OF A PARTICULAR MEASURE, ALL MEASURES NOT REQUIRING CLEARING SHALL BE INSTALLED FIRST. CLEARING OF THE NECESSARY LAND FOR INSTALLATION OF THE PARTICULAR MEASURE MAY THEN PROCEED.
3. ALL EROSION CONTROL MEASURES SHALL BE IN PLACE BEFORE ANY LAND CLEARING OR CONSTRUCTION ACTIVITY.
4. CLEARING AND PAVEMENT DEMOLITION SHALL BE LIMITED AS MUCH AS POSSIBLE TO AREAS REQUIRED FOR CURRENT CONSTRUCTION ACTIVITIES. MASS CLEARING, GRADING AND PAVEMENT DEMOLITION SHALL BE AVOIDED.
5. ALL POINTS OF CONSTRUCTION INGRESS AND EGRESS SHALL BE PROTECTED TO PREVENT THE DEPOSITION OF MATERIALS ONTO TRAVERSED PUBLIC THOROUGHFARE(S) BY INSTALLING AND MAINTAINING A STABILIZED CONSTRUCTION ENTRANCE AND BY WASHING ALL VEHICLES WHEELS IN A SAFE DISPOSAL AREA. ALL MATERIALS DEPOSITED ONTO PUBLIC THOROUGHFARE(S) SHALL BE REMOVED IMMEDIATELY. PROPER PRECAUTIONS SHALL BE TAKEN TO ENSURE THAT MATERIALS DEPOSITED ONTO PUBLIC THOROUGHFARE(S) ARE REMOVED SO THAT THEY DO NOT ENTER CATCH BASINS, STORM SEWERS, COMBINED SEWERS OR ROADSIDE SWALES.
6. ALL EROSION CONTROL MEASURES SHALL BE INSPECTED FOLLOWING EVERY RAINFALL, BUT IN NO CASE LESS THAN ONCE EVERY WEEK.
7. CONTROL MEASURES SHALL BE REPAIRED OR REPLACED IMMEDIATELY AS REQUIRED TO MAINTAIN PERFORMANCE OF MEASURE. REMOVED SEDIMENTS SHALL BE DISPOSED OF IN SUCH A MANNER AS TO ENSURE FURTHER SEDIMENT TRANSPORT DOES NOT OCCUR.
8. THE CONTRACTOR SHALL INITIATE STABILIZATION MEASURES AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN 7 DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED. THIS REQUIREMENT DOES NOT APPLY IN THE FOLLOWING INSTANCES:
 - A. THE INITIATION OF STABILIZATION MEASURES BY THE 7TH DAY AFTER CONSTRUCTION ACTIVITY TEMPORARILY OR PERMANENTLY CEASED IS PRECLUDED BY SNOW COVER OR FROZEN GROUND CONDITIONS, STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE.
 - B. WHERE CONSTRUCTION ACTIVITY ON A PORTION OF THE SITE IS TEMPORARILY CEASED, AND EARTH-DISTURBING ACTIVITIES WILL BE RESUMED WITHIN SEVEN (7) DAYS, TEMPORARY STABILIZATION MEASURES NEED NOT BE INITIATED ON THAT PORTION OF THE SITE.
9. ALL AREAS SHALL BE FERTILIZED, SEEDED AND MULCHED IN ACCORDANCE WITH THE SPECIFICATIONS, AND RE-SEEDED AS NECESSARY TO ESTABLISH AND MAINTAIN A VIGOROUS DENSE VEGETATIVE COVER.
10. ALL WORK PERFORMED SHALL BE IN ACCORDANCE WITH THE "NEW YORK STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL" 2016, OR LATEST EDITION AND IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
11. THE CONTRACTOR SHALL TEMPORARILY REMOVE AND REPLACE REQUIRED SECTION OF FENCE DURING PROXIMITY EXCAVATION.
12. THE CONTRACTOR SHALL PROVIDE EROSION CONTROL PROTECTION AGAINST SILT ACCUMULATION ON EXISTING DRAINAGE.
13. THE CONTRACTOR SHALL PROVIDE ADJUSTABLE CATCH BASIN DRAIN INSERTS ON THE AFFECTED CATCH BASIN SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER.
14. ALL GRADED OR DISTURBED AREAS INCLUDING SLOPES SHALL BE PROTECTED DURING CLEARING AND CONSTRUCTION IN ACCORDANCE WITH THE APPROVED EROSION AND SEDIMENT CONTROL PLAN UNTIL THEY ARE PERMANENTLY STABILIZED.
15. ALL SEDIMENT CONTROL PRACTICES AND MEASURES SHALL BE CONSTRUCTED, APPLIED AND MAINTAINED IN ACCORDANCE WITH THE APPROVED EROSION AND SEDIMENT CONTROL PLAN.
16. TOPSOIL REQUIRED FOR THE ESTABLISHMENT OF VEGETATION SHALL BE STOCKPILED IN AMOUNT NECESSARY TO COMPLETE FINISHED GRADING OF ALL EXPOSED AREAS.
17. AREAS TO BE FILLED SHALL BE CLEARED, GRUBBED, AND STRIPPED OF TOPSOIL TO REMOVE TREES, VEGETATION, ROOTS OR OTHER OBJECTIONABLE MATERIAL.
18. AREAS WHICH ARE TO BE TOPSOILED SHALL BE SCARIFIED TO A MINIMUM DEPTH OF FOUR INCHES PRIOR TO PLACEMENT OF TOPSOIL.
19. ALL FILLS SHALL BE COMPACTED AS REQUIRED TO REDUCE EROSION, SLIPPAGE, SETTLEMENT, SUBSIDENCE OR OTHER RELATED PROBLEMS. FILL INTENDED TO SUPPORT BUILDINGS, STRUCTURES AND CONDUITS, ETC. SHALL BE COMPACTED IN ACCORDANCE WITH LOCAL REQUIREMENTS OR CODES.
20. ALL FILL SHALL BE PLACED AND COMPACTED IN LAYERS NOT TO EXCEED 9 INCHES IN THICKNESS.
21. FILL MATERIAL SHALL BE FREE OF FROZEN PARTICLES, BRUSH, ROOTS, SOD, OR OTHER FOREIGN OR OTHER OBJECTIONABLE MATERIALS THAT WOULD INTERFERE WITH OR PREVENT CONSTRUCTION OF SATISFACTORY FILLS.
22. FROZEN MATERIALS OR SOFT, MUCKY OR HIGHLY COMPRESSIBLE MATERIALS SHALL NOT BE INCORPORATED IN FILLS.
23. FILL SHALL NOT BE PLACED ON SATURATED OR FROZEN SURFACES.
24. ALL BENCHES SHALL BE KEPT FREE OF SEDIMENT DURING ALL PHASES OF DEVELOPMENT.
25. SEEPS OR SPRINGS ENCOUNTERED DURING CONSTRUCTION SHALL BE HANDLED IN ACCORDANCE WITH THE STANDARD AND SPECIFICATION FOR DEWATERING OR OTHER APPROVED METHOD.
26. ALL GRADED AREAS SHALL BE PERMANENTLY STABILIZED IMMEDIATELY FOLLOWING FINISHED GRADING.
27. STOCKPILES, BORROW AREAS AND SPOIL AREAS SHALL BE SHOWN ON THE PLANS AND SHALL BE SUBJECT TO THE PROVISIONS OF NYSDEC STANDARDS AND SPECIFICATIONS.
28. KENSICO RESERVOIR IS RECOGNIZED AS A REGULATED WATERCOURSE BY THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION AND A REGULATED WETLAND BY THE TOWN OF MOUNT PLEASANT. BOTH ENTITIES REQUIRE A 50 FOOT BUFFER FOR ALL CONSTRUCTION ACTIVITIES NEAR THE MAXIMUM RESERVOIR ELEVATION OF 357 FEET. THE CONTRACTOR SHALL NOT PERFORM ANY CONSTRUCTION ACTIVITIES WITHIN 50 FEET OF THE 357 FOOT CONTOUR WITHOUT EXPLICIT DIRECTION FROM THE ENGINEER.

LEGEND

-  SILT FENCE
-  6' CONSTRUCTION FENCE
-  WORK LIMITS
-  STABILIZED CONSTRUCTION ENTRANCE
-  INLET PROTECTION
-  SEDIMENT DIKE
-  SEDIMENT TRAP



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 6901 JERICHO TURNPIKE, SUITE 216
 SYOSSET, N.Y. 11791

DESIGNED BY:
J. CAUSARANO

CHECKED BY:
J. LAPADULA

DRAWN BY:
C. DEBONA

DESIGN LEAD:
R. GEDEON

Hazen

STATE OF NEW YORK
 J. GEORGE
 070901
 LICENSED PROFESSIONAL ENGINEER

NYE
 Environmental Protection

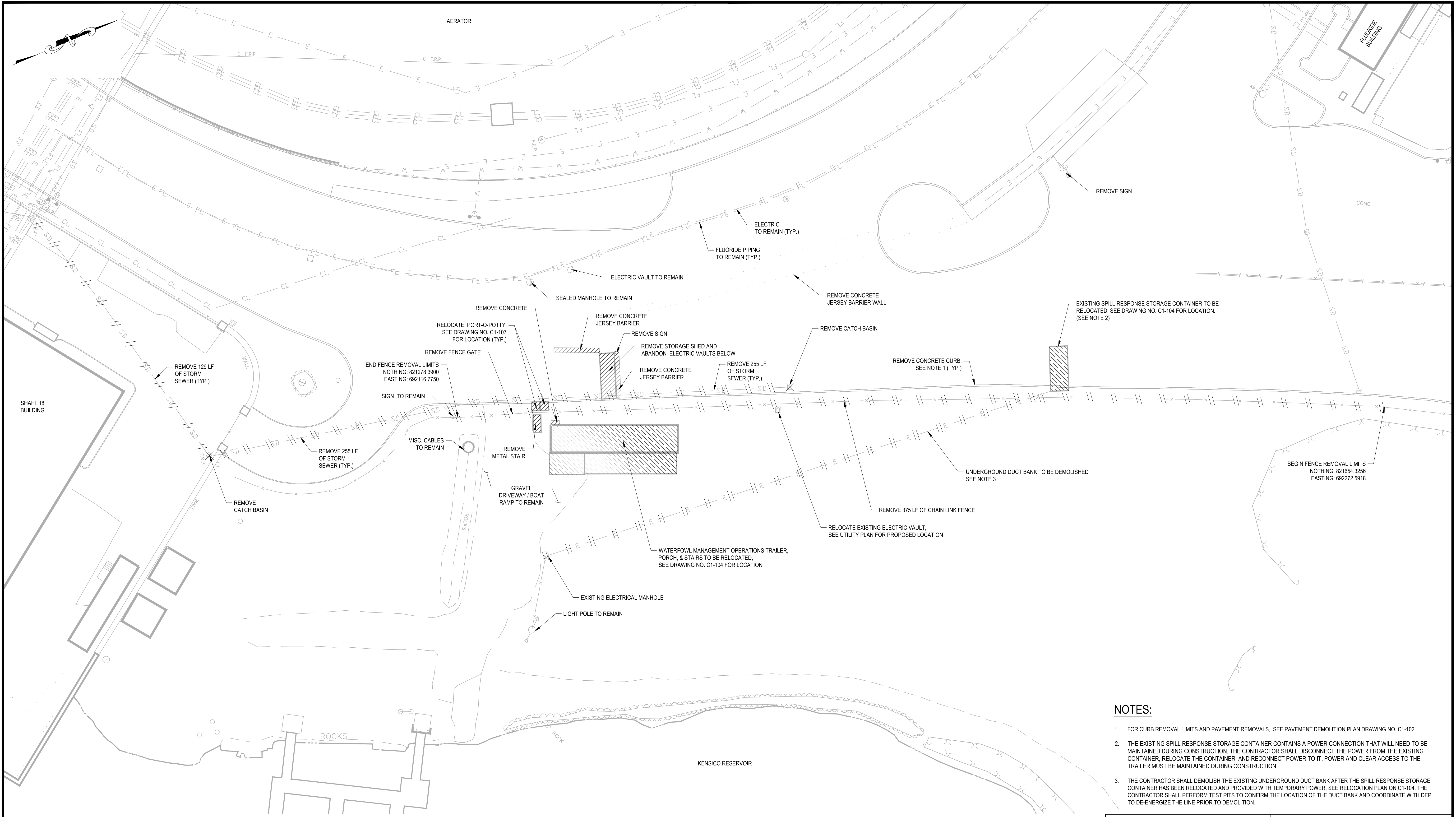
ACCOUNTABLE MANAGER
JOSE NIEVES

PROJECT MANAGER
MARK DELBALZO, P.E.

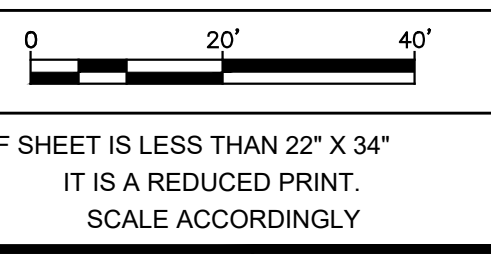
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BID SET	0 20' 40'
	IF SHEET IS LESS THAN 22" X 34" IT IS A REDUCED PRINT. SCALE ACCORDINGLY
WATERFOWL MANAGEMENT PROGRAM BUILDING AND PAVING MOUNT PLEASANT, NEW YORK	DATE: JANUARY 2023 SCALE: 1" = 20'
SOIL EROSION AND SEDIMENT CONTROL PLAN (WATERFOWL OPERATIONS BUILDING)	SHEET NO: 7 OF No. 80
	DRAWING NO. C1-102



- NOTES:**
- FOR CURB REMOVAL LIMITS AND PAVEMENT REMOVALS, SEE PAVEMENT DEMOLITION PLAN DRAWING NO. C1-102.
 - THE EXISTING SPILL RESPONSE STORAGE CONTAINER CONTAINS A POWER CONNECTION THAT WILL NEED TO BE MAINTAINED DURING CONSTRUCTION. THE CONTRACTOR SHALL DISCONNECT THE POWER FROM THE EXISTING CONTAINER, RELOCATE THE CONTAINER, AND RECONNECT POWER TO IT. POWER AND CLEAR ACCESS TO THE TRAILER MUST BE MAINTAINED DURING CONSTRUCTION.
 - THE CONTRACTOR SHALL DEMOLISH THE EXISTING UNDERGROUND DUCT BANK AFTER THE SPILL RESPONSE STORAGE CONTAINER HAS BEEN RELOCATED AND PROVIDED WITH TEMPORARY POWER, SEE RELOCATION PLAN ON C1-104. THE CONTRACTOR SHALL PERFORM TEST PITS TO CONFIRM THE LOCATION OF THE DUCT BANK AND COORDINATE WITH DEP TO DE-ENERGIZE THE LINE PRIOR TO DEMOLITION.



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CHECKED BY: J. LAPADULA	DESIGN LEAD: R. GEDEON

Hazen

NVE
 Environmental Protection

ACCOUNTABLE MANAGER
 JOSE NIEVES
 PROJECT MANAGER
 MARK DELBALZO, P.E.

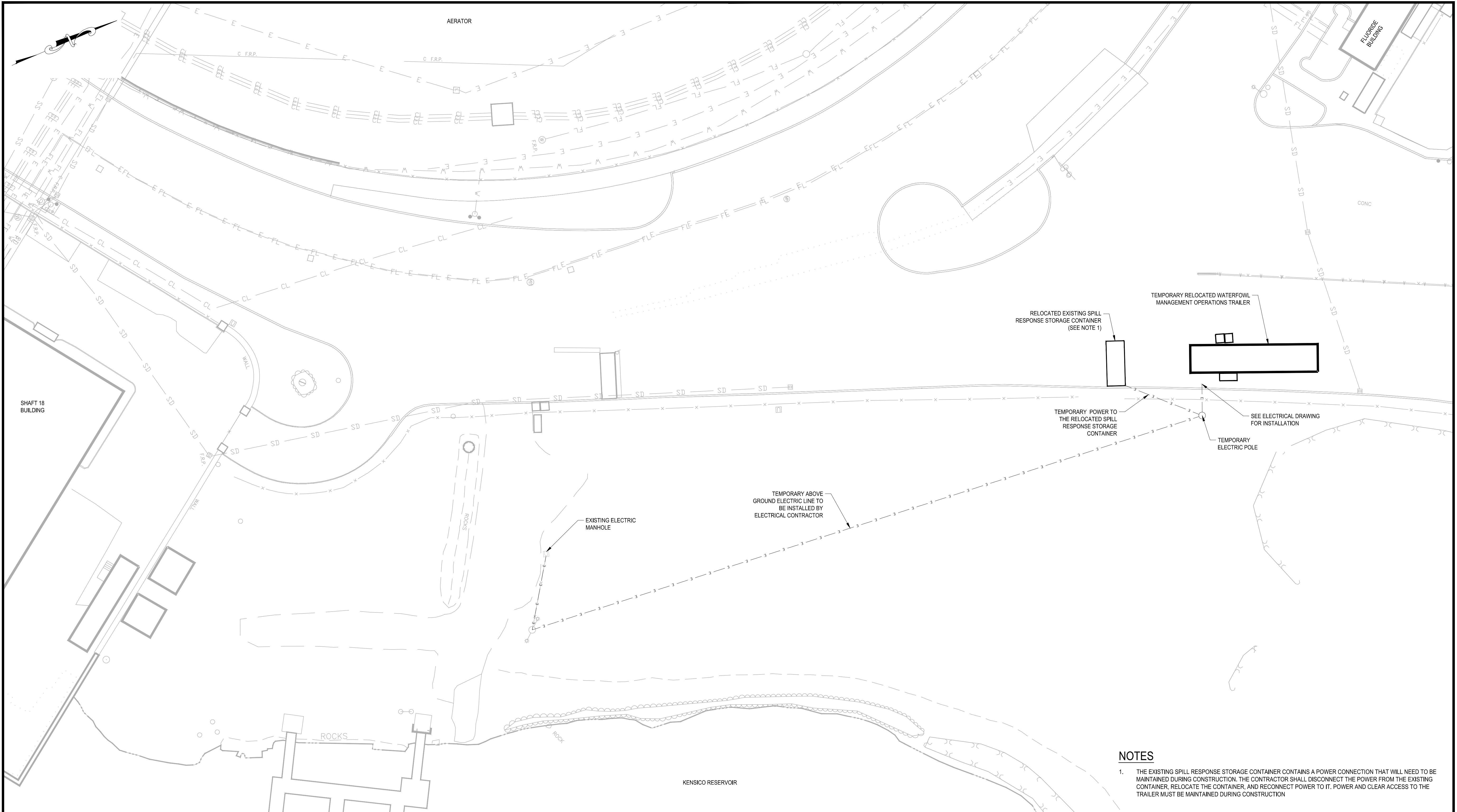
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BID SET WATERFOWL MANAGEMENT PROGRAM BUILDING AND PAVING MOUNT PLEASANT, NEW YORK DEMOLITION & REMOVALS PLAN (WATERFOWL OPERATIONS BUILDING)	DATE: JANUARY 2023 SCALE: 1" = 20' SHEET NO: 8 OF No. 80 DRAWING NO. C1-103
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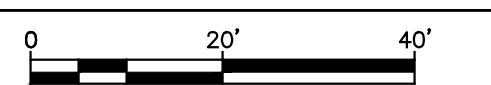
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NOTES

1. THE EXISTING SPILL RESPONSE STORAGE CONTAINER CONTAINS A POWER CONNECTION THAT WILL NEED TO BE MAINTAINED DURING CONSTRUCTION. THE CONTRACTOR SHALL DISCONNECT THE POWER FROM THE EXISTING CONTAINER, RELOCATE THE CONTAINER, AND RECONNECT POWER TO IT. POWER AND CLEAR ACCESS TO THE TRAILER MUST BE MAINTAINED DURING CONSTRUCTION



BID SET

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IT IS A REDUCED PRINT.
SCALE ACCORDINGLY

WATERFOWL MANAGEMENT PROGRAM BUILDING
AND PAVING
MOUNT PLEASANT, NEW YORK

RELOCATION PLAN
(WATERFOWL OPERATIONS BUILDING)

DATE: JANUARY 2023
SCALE: 1" = 20'
SHEET NO:
9 OF No. 80
DRAWING NO.
C1-104

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CHECKED BY: J. LAPADULA	DESIGN LEAD: R. GEDEON



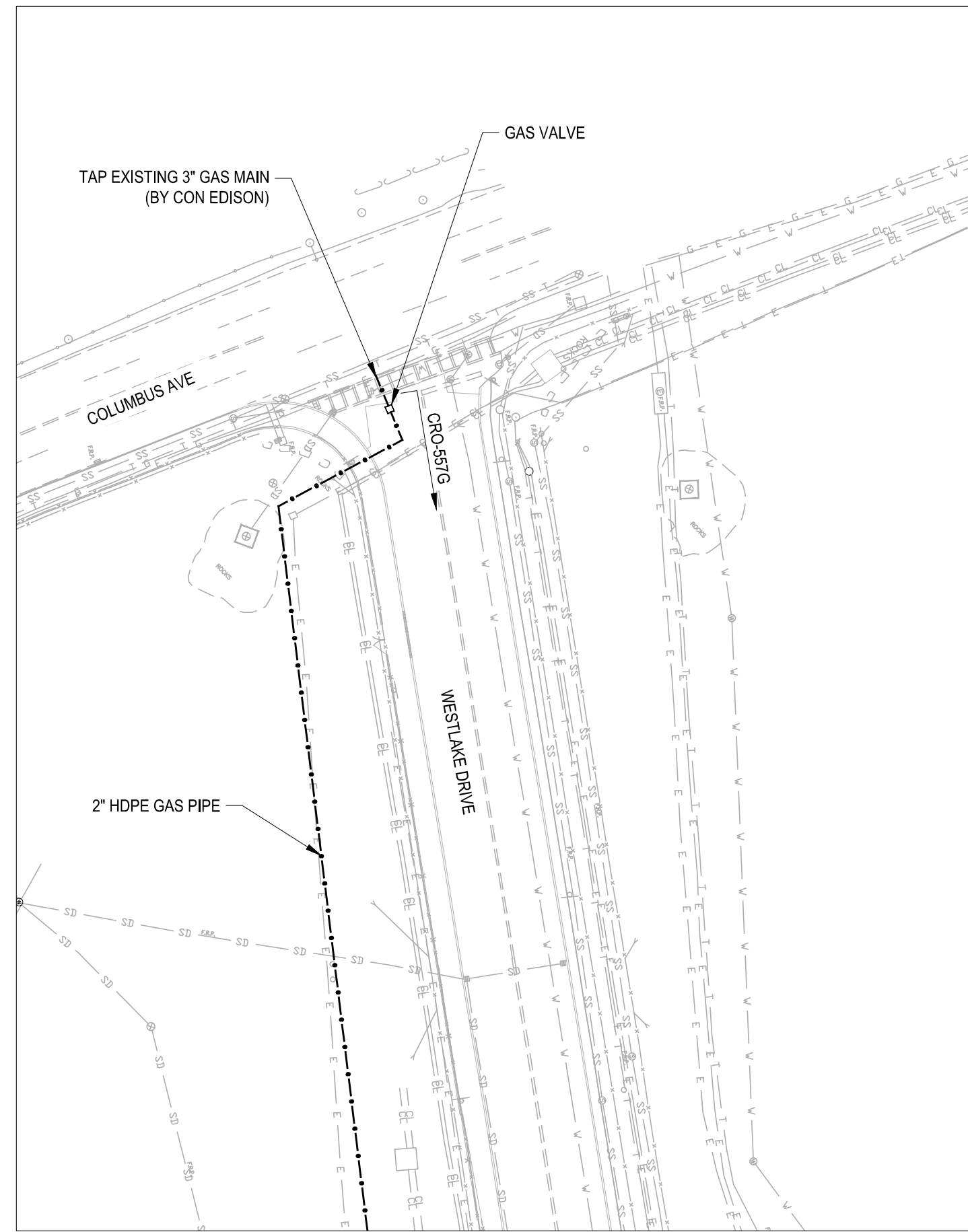
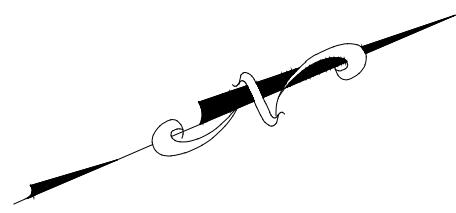
ACCOUNTABLE MANAGER JOSE NIEVES
PROJECT MANAGER MARK DELBALZO, P.E.

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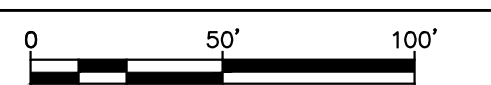
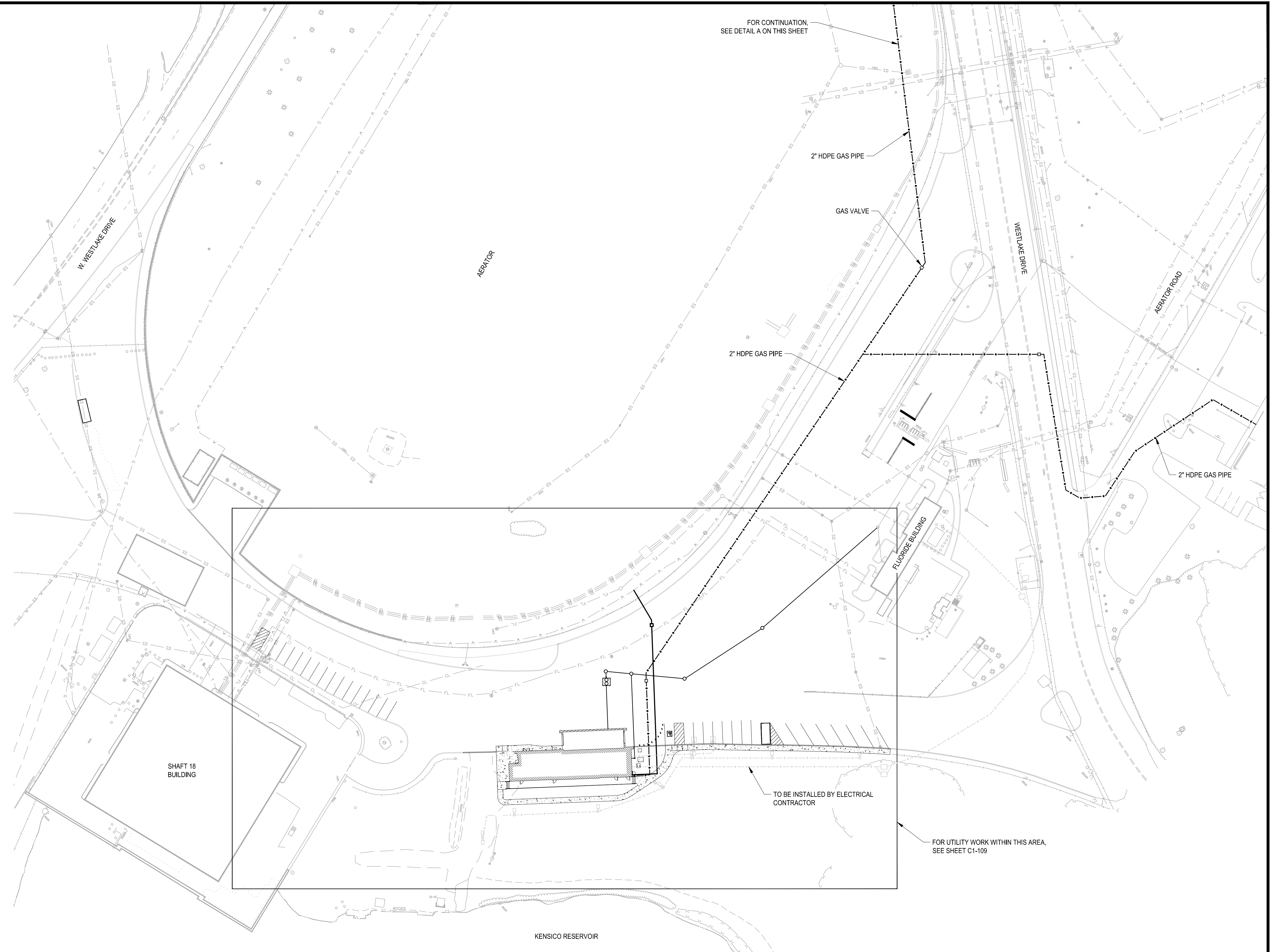
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A GAS MAIN CONNECTION
 - SCALE: 1" = 50'

LEGEND

- GAS PIPE
- WATER PIPE
- - - ELECTRICAL CONDUIT
- SANITARY PIPE
- SANITARY MANHOLE
- ELECTRIC BOX



IF SHEET IS LESS THAN 22" X 34"
 IT IS A REDUCED PRINT.
 SCALE ACCORDINGLY

BID SET WATERFOWL MANAGEMENT PROGRAM BUILDING AND PAVING MOUNT PLEASANT, NEW YORK UTILITY PLAN	DATE: JANUARY 2023 SCALE: 1" = 50' SHEET NO: 10 OF No. 80 DRAWING NO. C1-105
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CHECKED BY: J. LAPADULA	DESIGN LEAD: R. GEDEON

Hazen



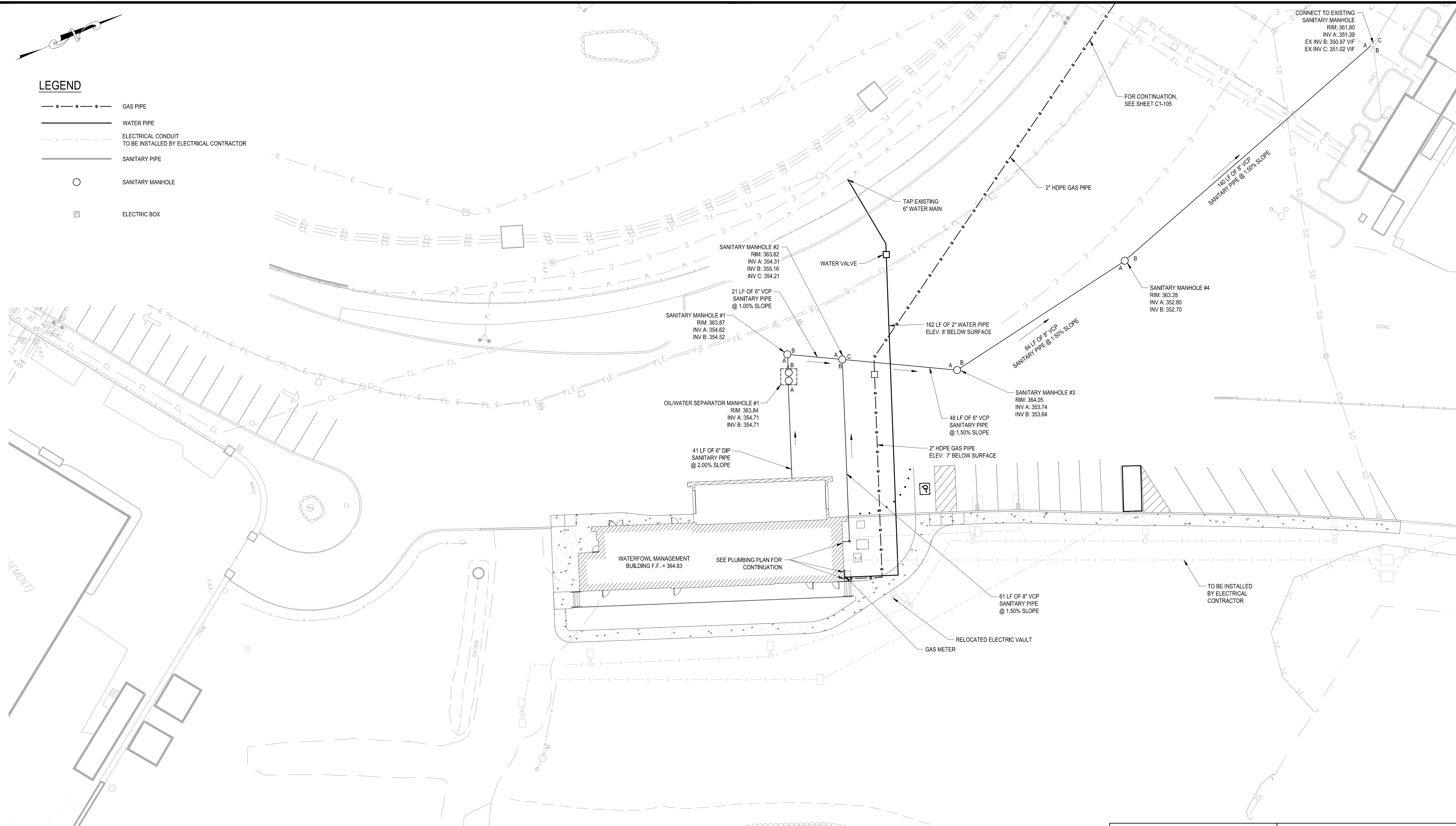
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LEGEND

- GAS PIPE
- WATER PIPE
- - - - - ELECTRICAL CONDUIT TO BE INSTALLED BY ELECTRICAL CONTRACTOR
- SANITARY PIPE
- SANITARY MANHOLE
- ELECTRIC BOX

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CHECKED BY: J. LAPADULA	DESIGN LEAD: R. GEDEON

ACCOUNTABLE MANAGER
 JOSE NIEVES
 PROJECT MANAGER
 MARK DELBALZO, P.E.



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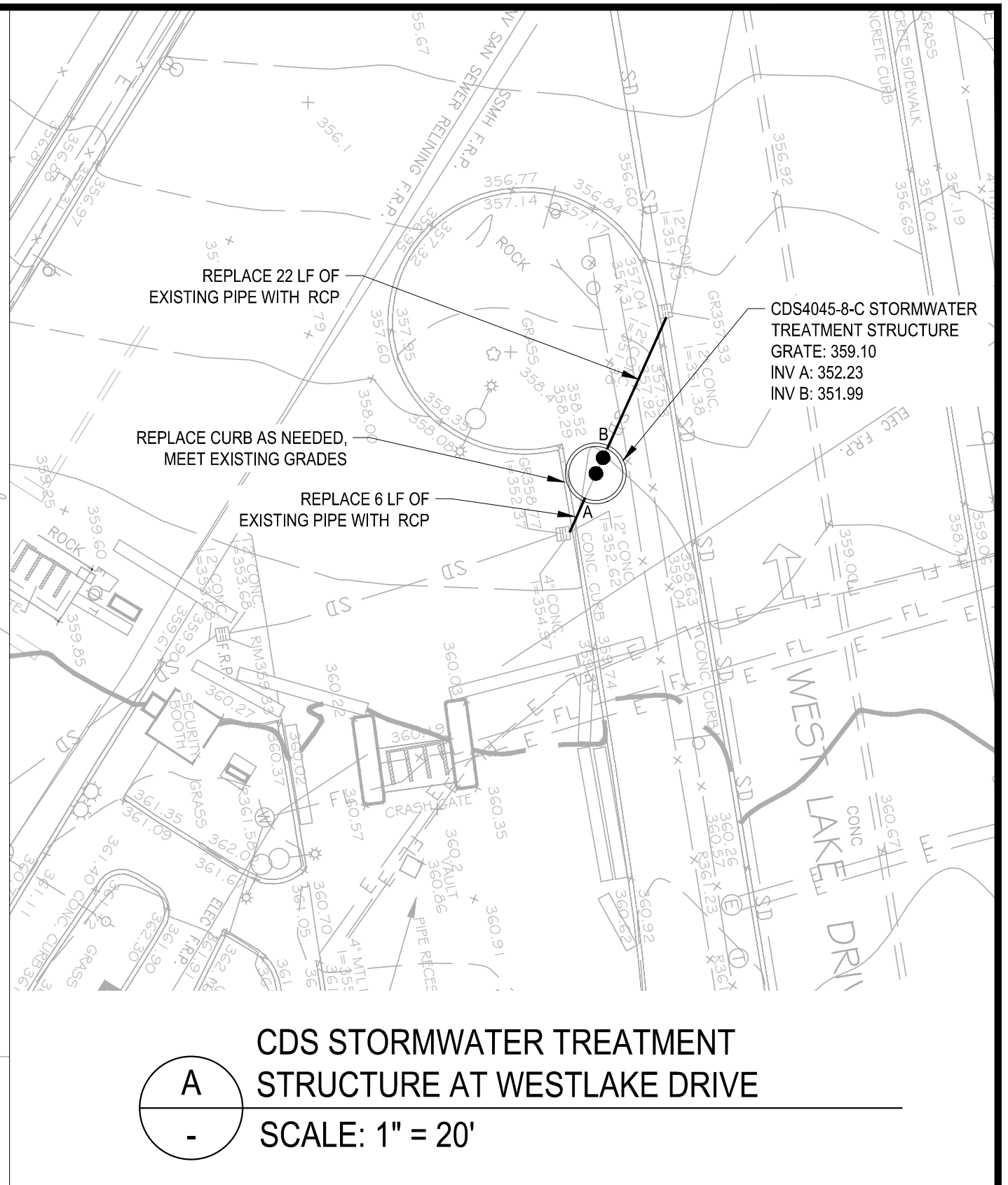
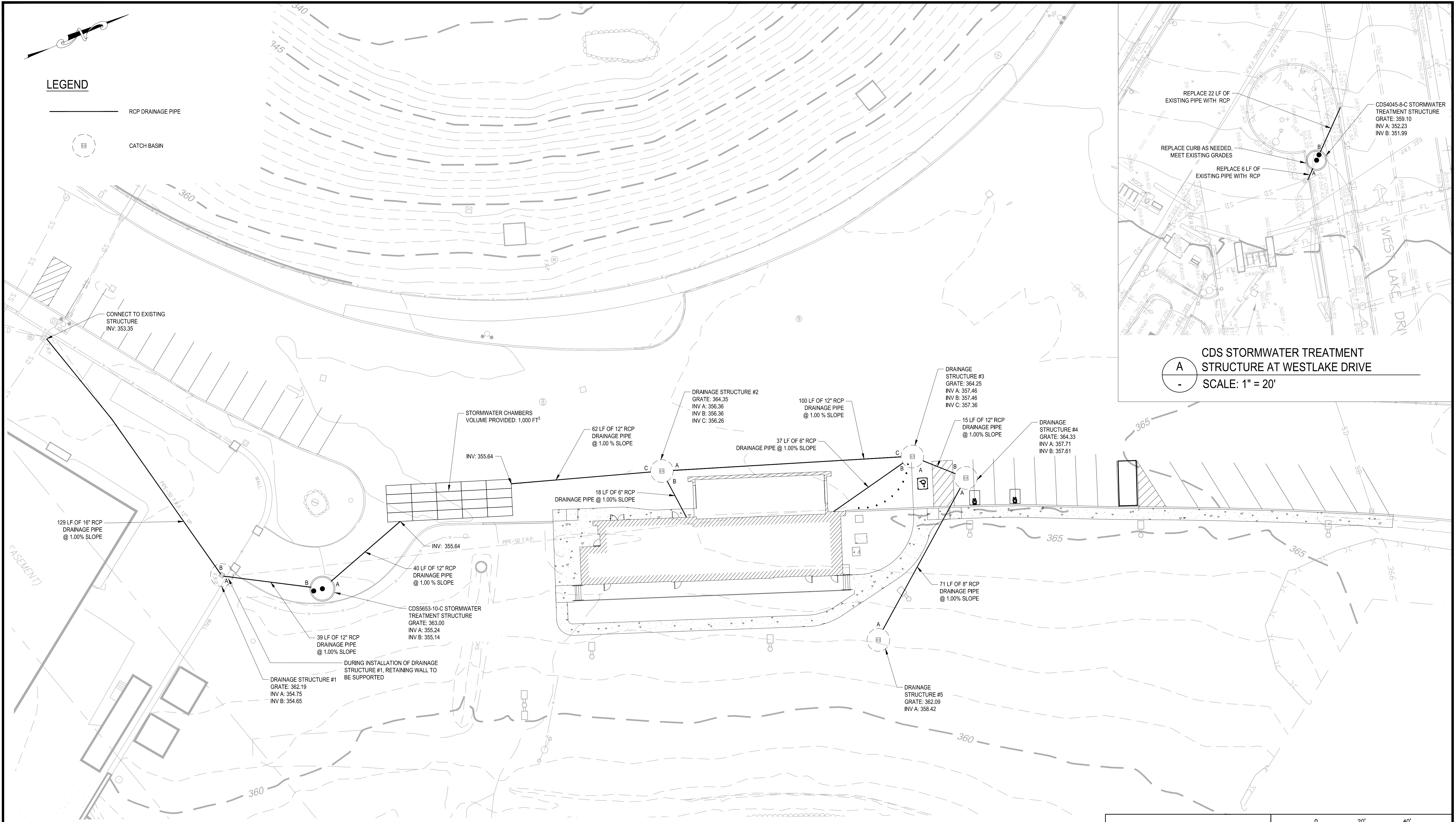
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BID SET	
WATERFOWL MANAGEMENT PROGRAM BUILDING AND PAVING MOUNT PLEASANT, NEW YORK UTILITY PLAN (WATERFOWL OPERATIONS BUILDING)	IF SHEET IS LESS THAN 22" X 34" IT IS A REDUCED PRINT. SCALE ACCORDINGLY
DATE: JANUARY 2023 SCALE: 1" = 20' SHEET NO: 11 OF No. 80 DRAWING NO. C1-106	

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LEGEND

-  RCP DRAINAGE PIPE
-  CATCH BASIN



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SYOSSET, N.Y. 11791

DESIGNED BY: J. CAUSARANO	DRAWN BY: C. DEBONA
CHECKED BY: J. LAPADULA	DESIGN LEAD: R. GEDEON

Hazen

Environmental Protection

ACCOUNTABLE MANAGER
JOSE NIEVES

PROJECT MANAGER
MARK DELBALZO, P.E.

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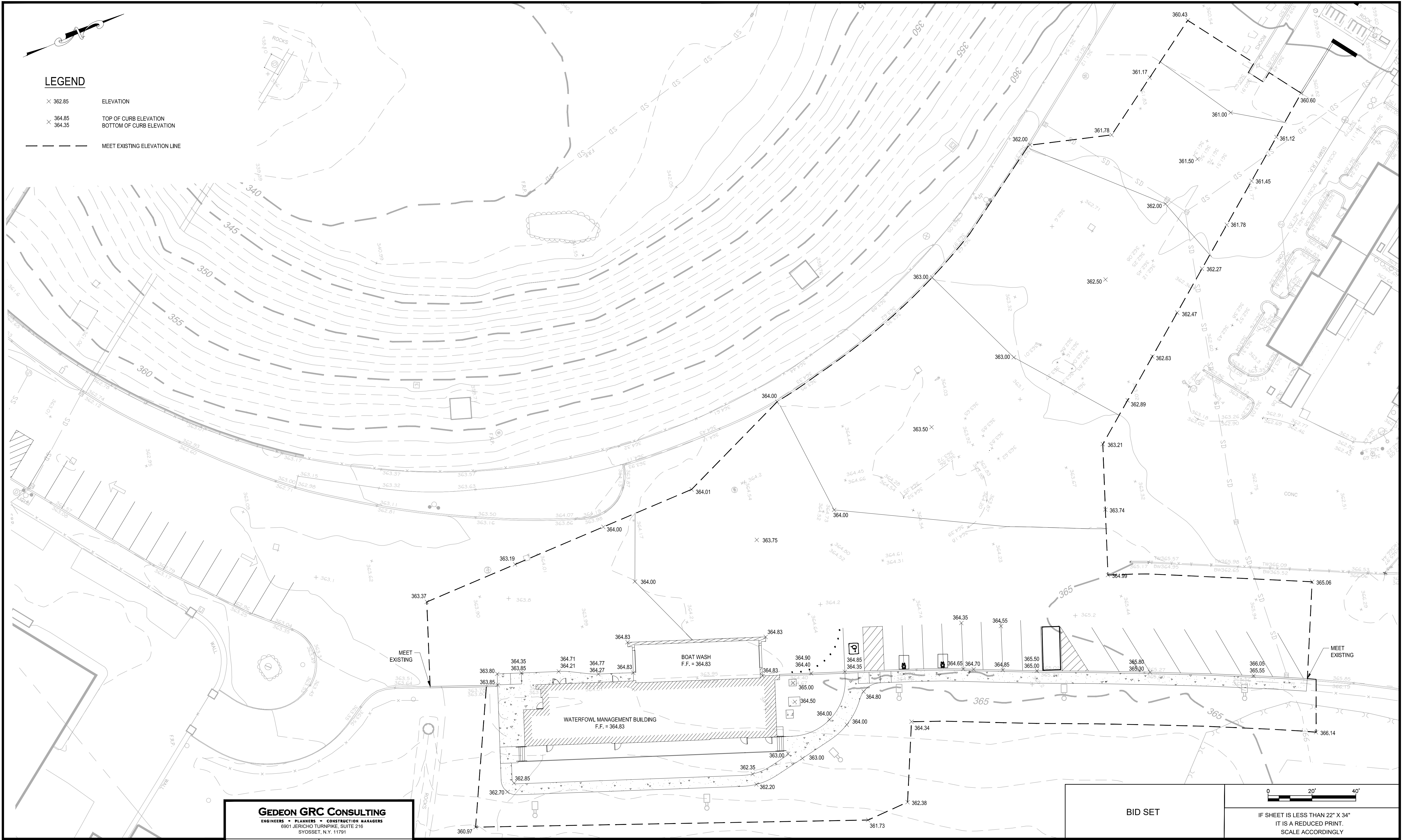
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BUREAU OF WATER SUPPLY
465 COLUMBUS AVENUE, SUITE 270
VALHALLA, NEW YORK 10595-1336
www.nyc.gov/dep

BID SET	0 20' 40'
	IF SHEET IS LESS THAN 22" X 34" IT IS A REDUCED PRINT. SCALE ACCORDINGLY.
WATERFOWL MANAGEMENT PROGRAM BUILDING AND PAVING MOUNT PLEASANT, NEW YORK	DATE: JANUARY 2023
FINAL DRAINAGE PLAN (WATERFOWL OPERATIONS BUILDING)	SCALE: 1" = 20'
	SHEET NO: 12 OF No. 80
	DRAWING NO. C1-107

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LEGEND

- × 362.85 ELEVATION
- × 364.85 TOP OF CURB ELEVATION
- × 364.35 BOTTOM OF CURB ELEVATION
- MEET EXISTING ELEVATION LINE



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CHECKED BY: J. LAPADULA	DESIGN LEAD: R. GEDEON

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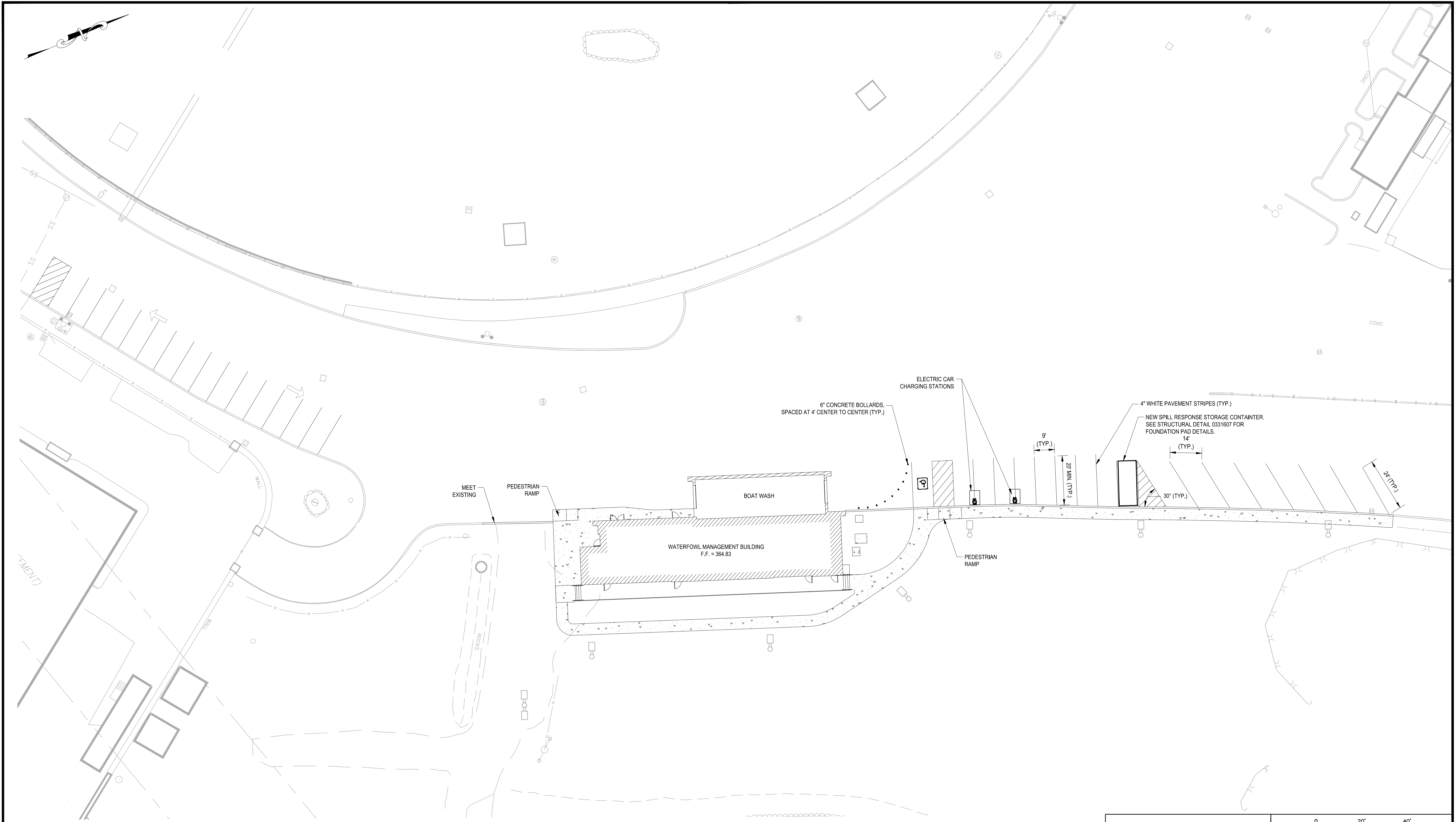
ACCOUNTABLE MANAGER
 JOSE NIEVES
 PROJECT MANAGER
 MARK DELBALZO, P.E.

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BID SET WATERFOWL MANAGEMENT PROGRAM BUILDING AND PAVING MOUNT PLEASANT, NEW YORK FINAL GRADING PLAN (WATERFOWL OPERATIONS BUILDING)	IF SHEET IS LESS THAN 22" X 34" IT IS A REDUCED PRINT. SCALE ACCORDINGLY.
	DATE: JANUARY 2023 SCALE: 1" = 20' SHEET NO: 13 OF No. 80 DRAWING NO. C1-108

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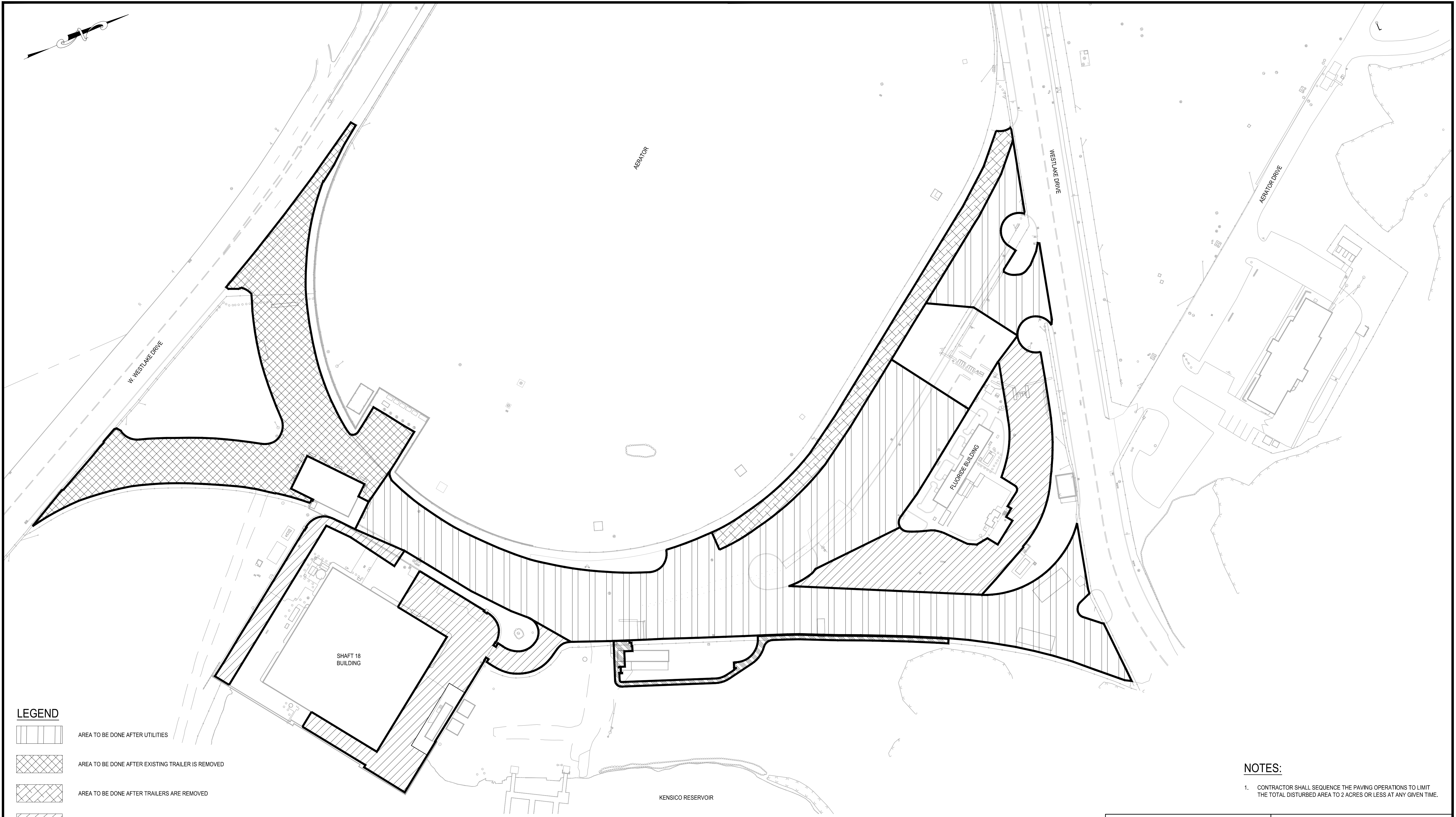
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WATERFOWL MANAGEMENT PROGRAM BUILDING AND PAVING MOUNT PLEASANT, NEW YORK FINAL SITE PLAN (WATERFOWL OPERATIONS BUILDING)	DATE: JANUARY 2023 SCALE: 1" = 20' SHEET NO: 14 OF No. 80 DRAWING NO. C1-109

All inquiries regarding this drawing(s) or project should be made to NYC Environmental Protection, Bureau of Engineering Design and Construction.

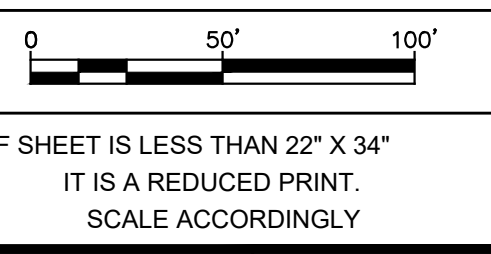


LEGEND

	AREA TO BE DONE AFTER UTILITIES
	AREA TO BE DONE AFTER EXISTING TRAILER IS REMOVED
	AREA TO BE DONE AFTER TRAILERS ARE REMOVED
	AREA TO BE DONE AT ANY TIME AFTER COMPLETION OF DEL-260
	AREA TO BE DONE AT ANY TIME AFTER COMPLETION OF WATERFOWL BUILDING

NOTES:

- CONTRACTOR SHALL SEQUENCE THE PAVING OPERATIONS TO LIMIT THE TOTAL DISTURBED AREA TO 2 ACRES OR LESS AT ANY GIVEN TIME.



NO.	DATE	REVISIONS/DESCRIPTION	APPR'D

GEDEON GRC CONSULTING
 ENGINEERS • PLANNERS • CONSTRUCTION MANAGERS
 6901 JERICHO TURNPIKE, SUITE 216
 SYOSSET, N.Y. 11791

DESIGNED BY:
J. CAUSARANO

CHECKED BY:
J. LAPADULA

DRAWN BY:
C. DEBONA

DESIGN LEAD:
R. GEDEON

Hazen



ACCOUNTABLE MANAGER
JOSE NIEVES

PROJECT MANAGER
MARK DELBALZO, P.E.

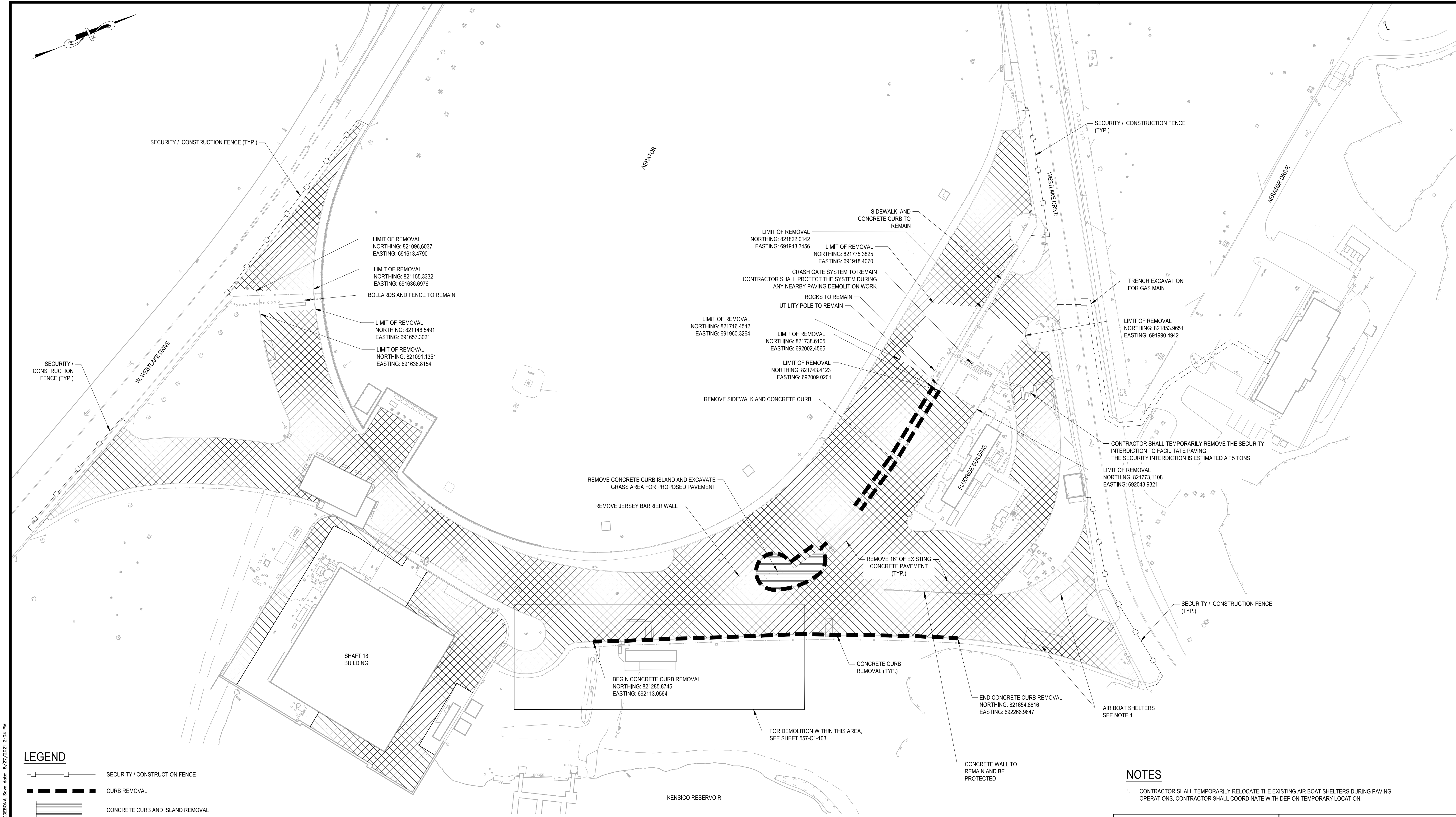
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BID SET	DATE: JANUARY 2023
	SCALE: 1" = 50'
WATERFOWL MANAGEMENT PROGRAM BUILDING AND PAVING MOUNT PLEASANT, NEW YORK	SHEET NO: 15 OF No. 80
	DRAWING NO. C1-110
	PAVING STAGING PLAN

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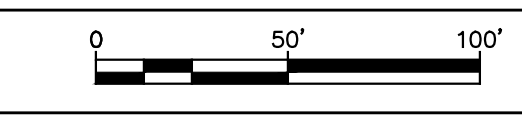


LEGEND

	SECURITY / CONSTRUCTION FENCE
	CURB REMOVAL
	CONCRETE CURB AND ISLAND REMOVAL
	PAVEMENT REMOVAL

NOTES

- CONTRACTOR SHALL TEMPORARILY RELOCATE THE EXISTING AIR BOAT SHELTERS DURING PAVING OPERATIONS. CONTRACTOR SHALL COORDINATE WITH DEP ON TEMPORARY LOCATION.



BID SET	0 50' 100'
	IF SHEET IS LESS THAN 22" X 34" IT IS A REDUCED PRINT. SCALE ACCORDINGLY
WATERFOWL MANAGEMENT PROGRAM BUILDING AND PAVING MOUNT PLEASANT, NEW YORK	DATE: JANUARY 2023 SCALE: 1" = 50' SHEET NO: 16 OF No. 80 DRAWING NO.
PAVEMENT DEMOLITION PLAN	C1-111

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SYOSSET, N.Y. 11791

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CHECKED BY: J. LAPADULA	DESIGN LEAD: R. GEDEON

Hazen

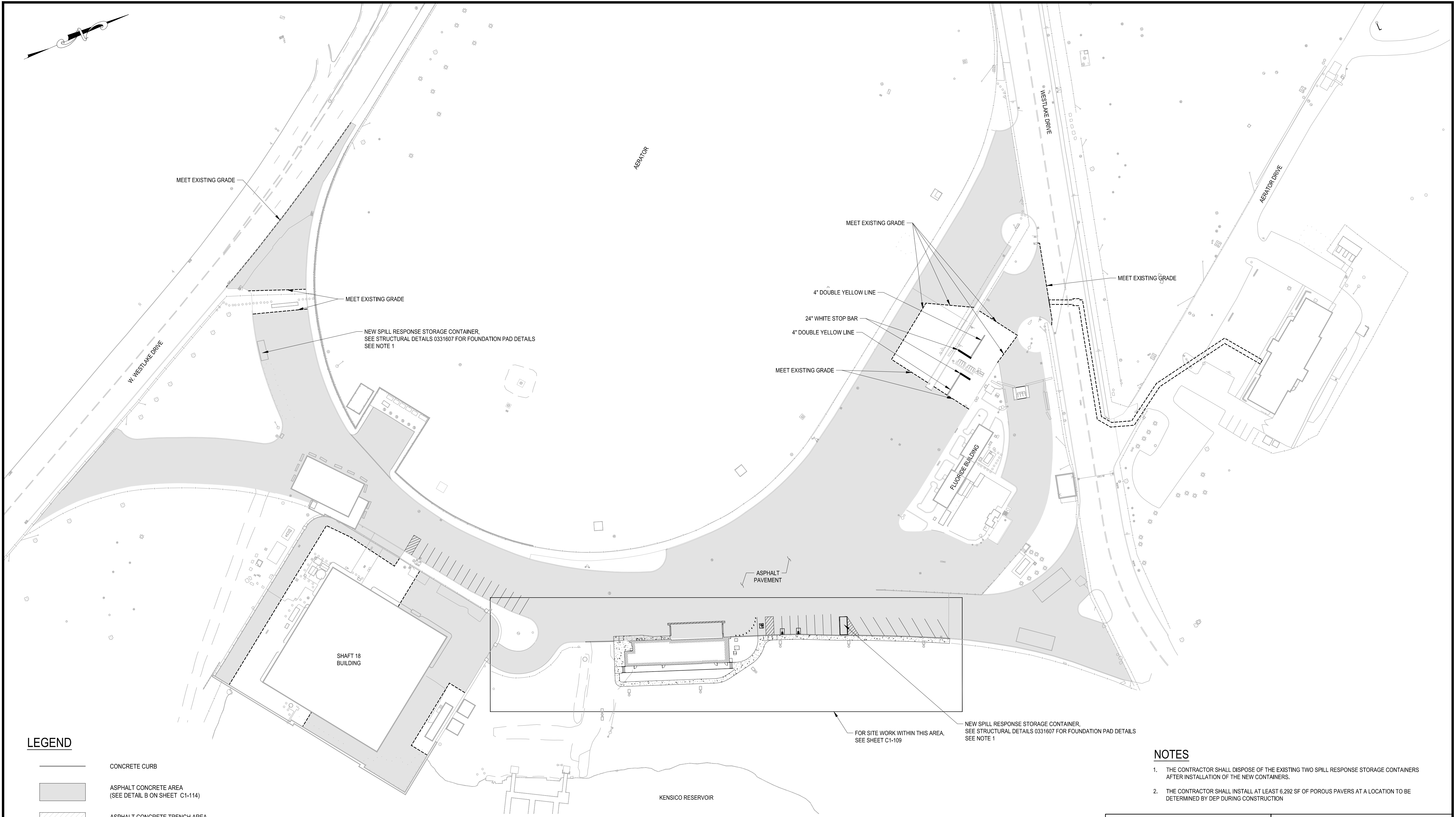
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ACCOUNTABLE MANAGER
JOSE NIEVES
PROJECT MANAGER
MARK DELBALZO, P.E.





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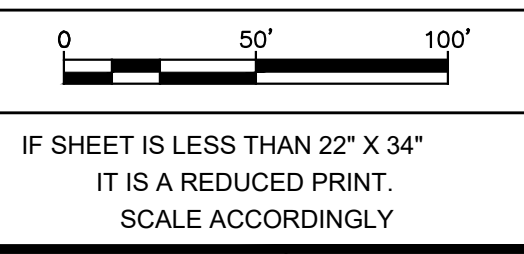


LEGEND

-  CONCRETE CURB
-  ASPHALT CONCRETE AREA
(SEE DETAIL B ON SHEET C1-114)
-  ASPHALT CONCRETE TRENCH AREA
(SEE DETAIL F ON SHEET C1-114)
-  CONCRETE SIDEWALK

NOTES


1. THE CONTRACTOR SHALL DISPOSE OF THE EXISTING TWO SPILL RESPONSE STORAGE CONTAINERS AFTER INSTALLATION OF THE NEW CONTAINERS.
2. THE CONTRACTOR SHALL INSTALL AT LEAST 6,292 SF OF POROUS PAVERS AT A LOCATION TO BE DETERMINED BY DEP DURING CONSTRUCTION



NO.	DATE	REVISIONS/DESCRIPTION	APPR'D

GEDEON GRC CONSULTING
ENGINEERS • PLANNERS • CONSTRUCTION MANAGERS
 6901 JERICHO TURNPIKE, SUITE 216
 SYOSSET, N.Y. 11791

DESIGNED BY: J. CAUSARANO	DRAWN BY: C. DEBONA
CHECKED BY: J. LAPADULA	DESIGN LEAD: R. GEDEON





ACCOUNTABLE MANAGER
JOSE NIEVES

PROJECT MANAGER
MARK DELBALZO, P.E.

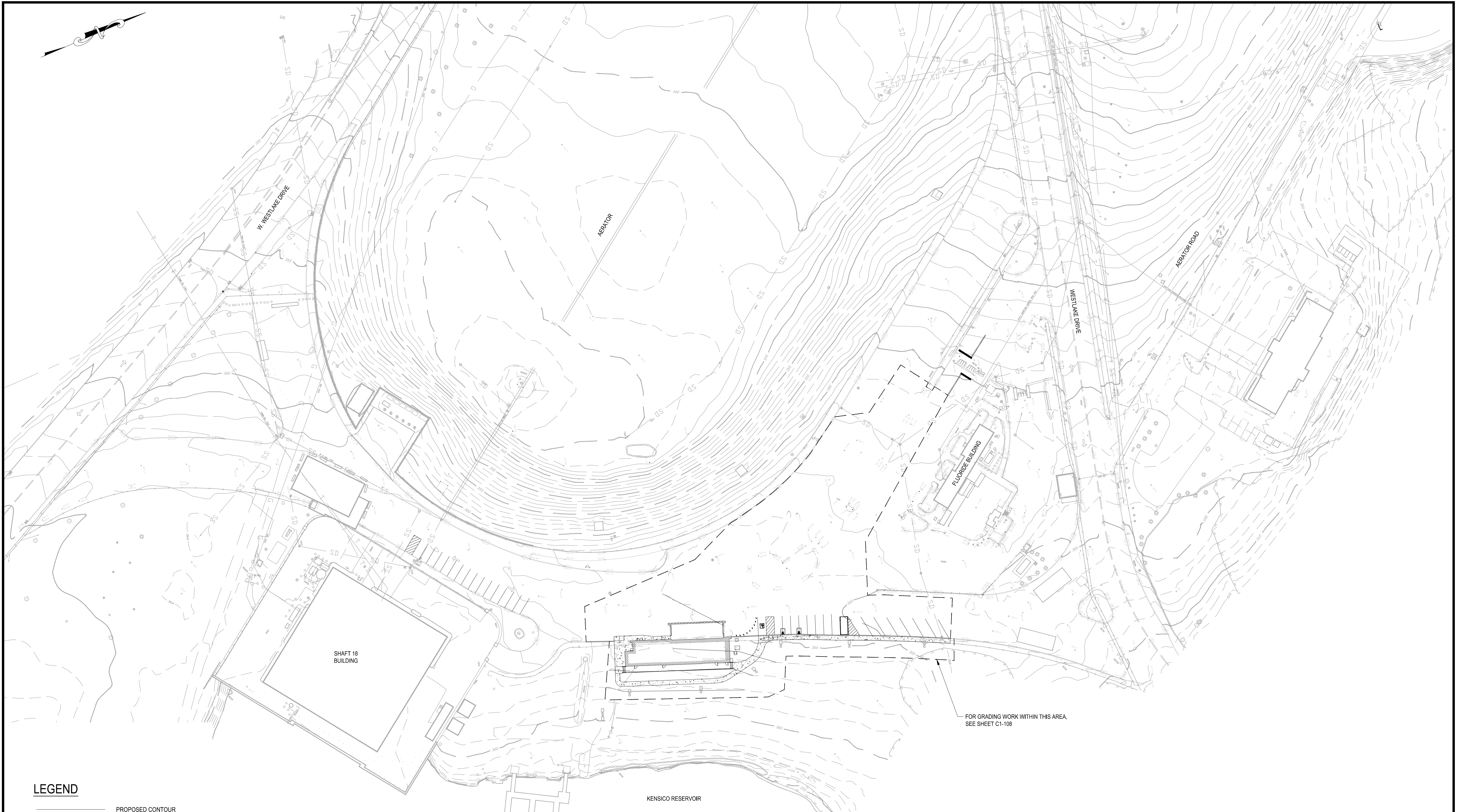
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BID SET WATERFOWL MANAGEMENT PROGRAM BUILDING AND PAVING MOUNT PLEASANT, NEW YORK FINAL PAVEMENT SITE PLAN	DATE: JANUARY 2023
	SCALE: 1" = 50'
	SHEET NO: 17 OF No. 80
	DRAWING NO. C1-112

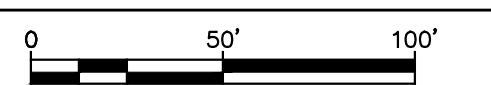
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LEGEND

- PROPOSED CONTOUR
- - - EXISTING MAJOR CONTOUR
- - - EXISTING MINOR CONTOUR



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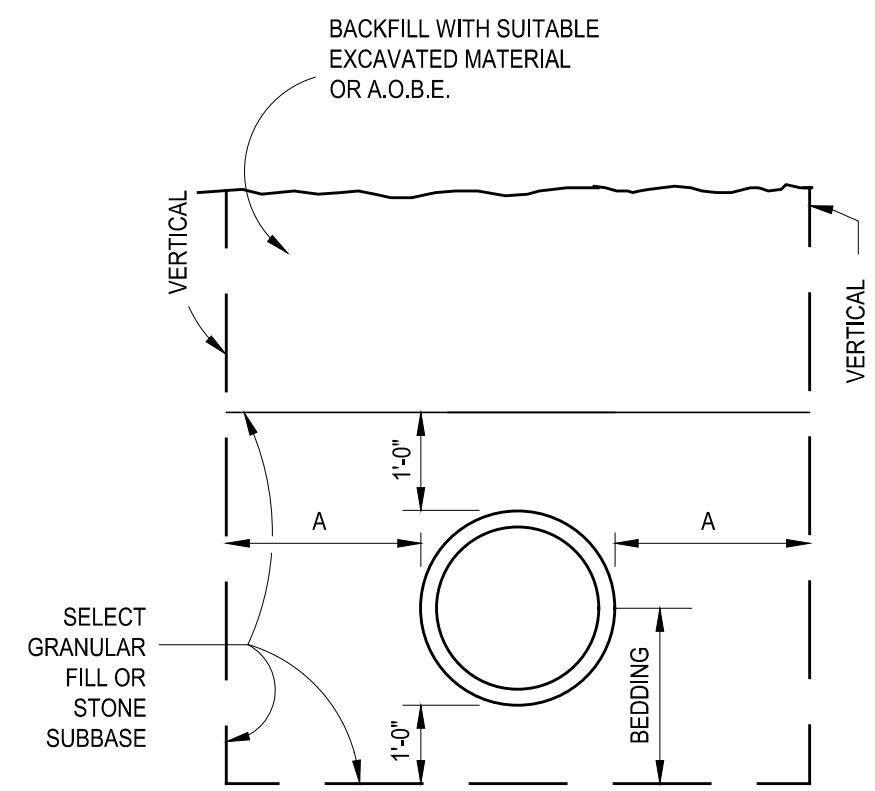
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BID SET WATERFOWL MANAGEMENT PROGRAM BUILDING AND PAVING MOUNT PLEASANT, NEW YORK FINAL GRADING PLAN	DATE: JANUARY 2023
	SCALE: 1" = 50'
	SHEET NO: 18 OF No. 80
	DRAWING NO. C1-113

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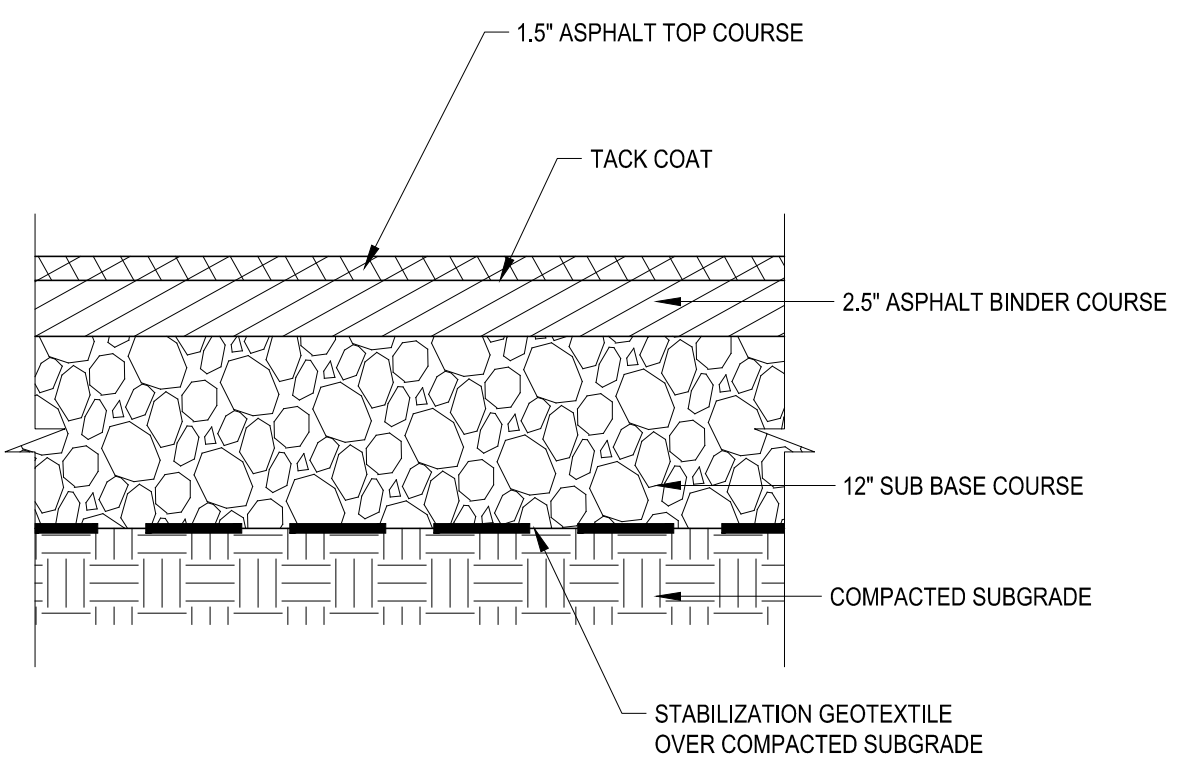


CONTINUE TO LAY BACK TRENCH WALL IN ACCORDANCE WITH OSHA REQUIREMENTS

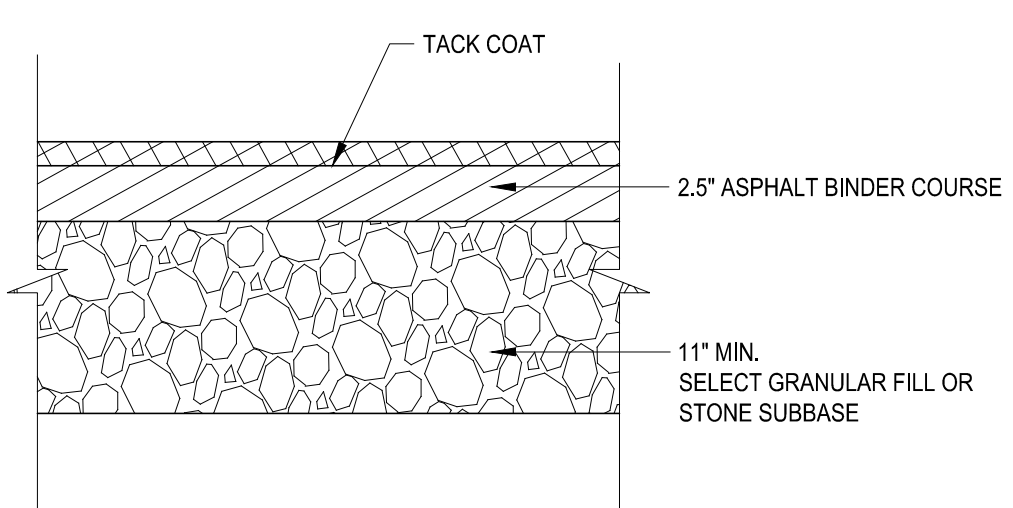
PIPE DIAMETER "D"	MAX "A"
2" TO 15"	8"
18" TO 21"	10"
24" TO 30"	12"
33" TO 42"	15"
18" & LARGER	15"

NOTE: MAXIMUM TRENCH WIDTH "W" TAKEN AT 2' ABOVE CROWN OF PIPE

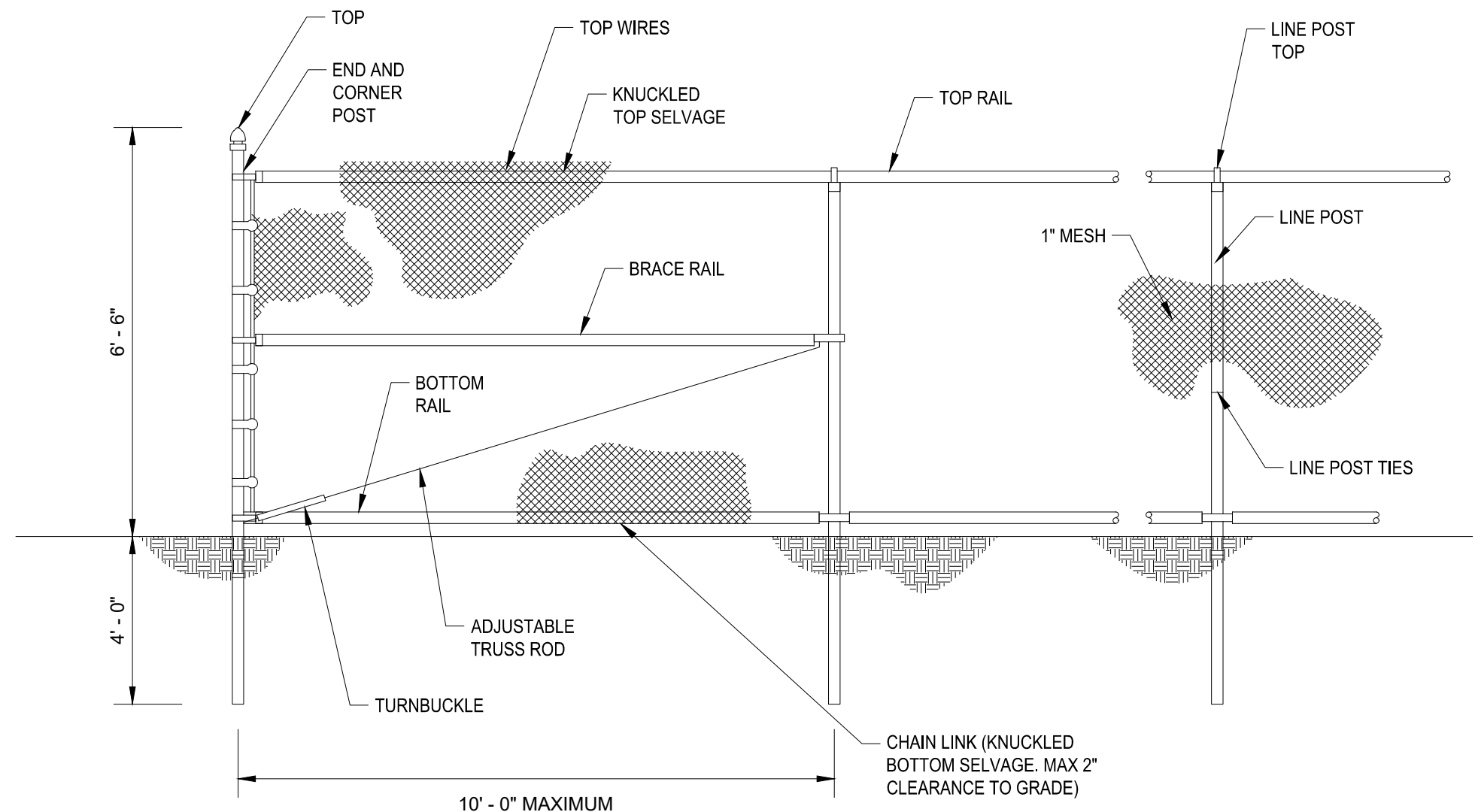
A TRENCH DETAIL
- NOT TO SCALE



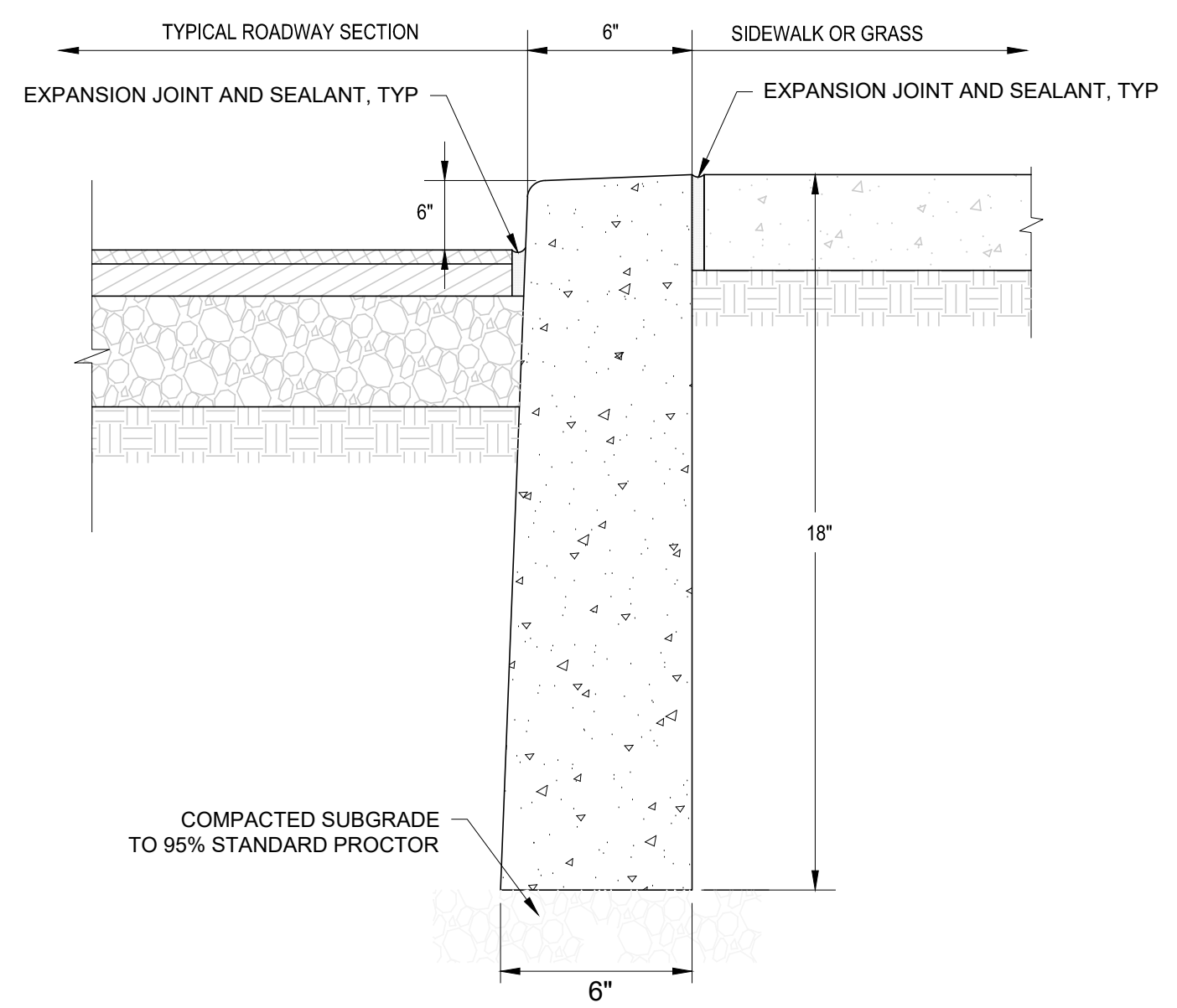
B ASPHALT PAVEMENT SECTION
- NOT TO SCALE



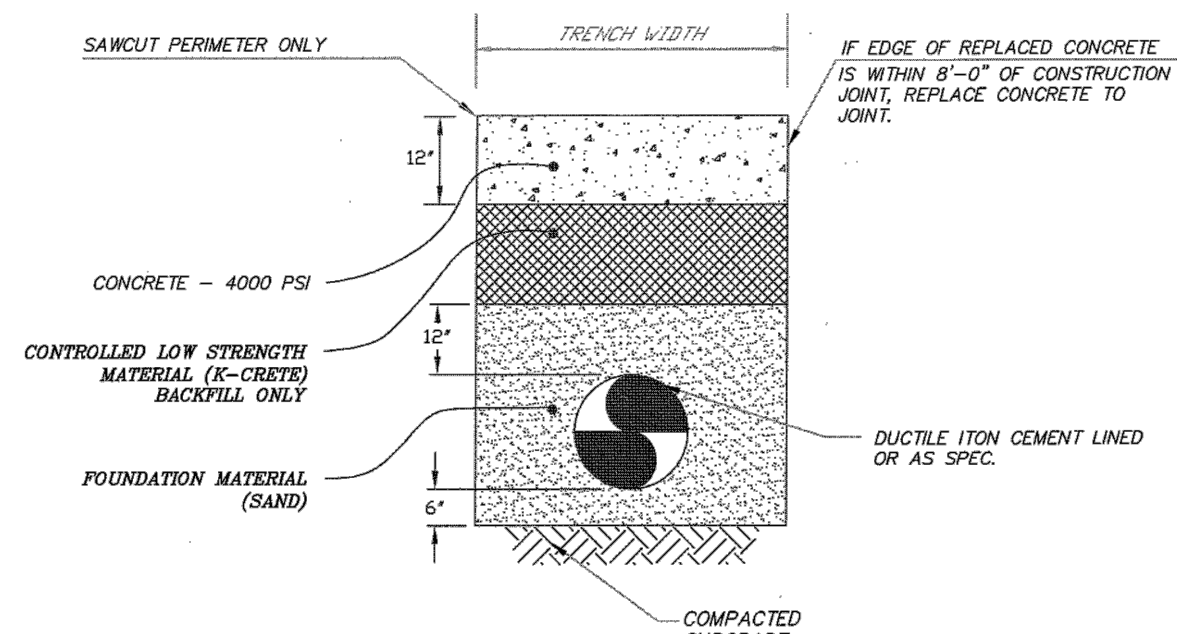
C ASPHALT PAVEMENT SECTION FOR TRENCH
- NOT TO SCALE



D CONSTRUCTION / SECURITY FENCE
- NOT TO SCALE

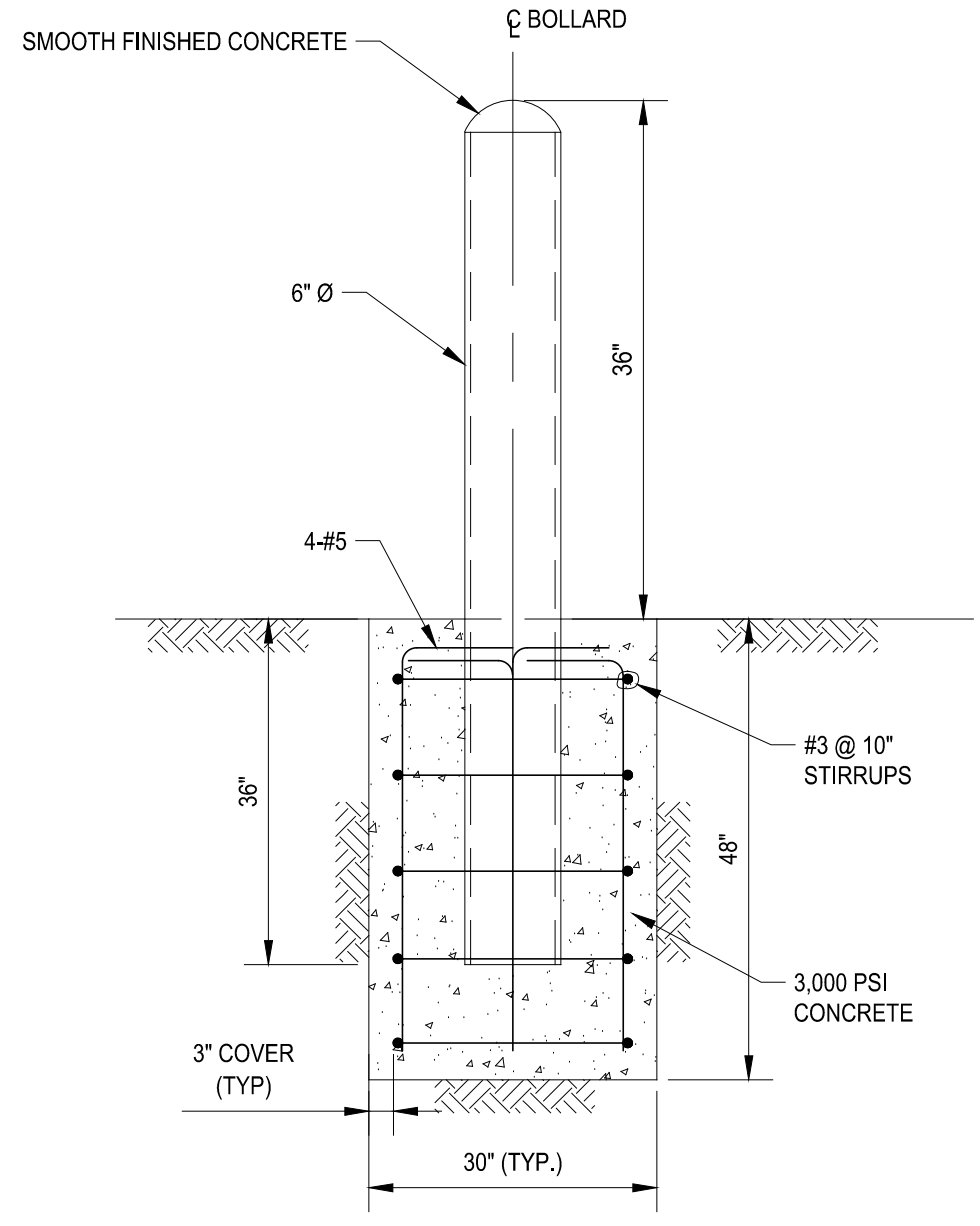


E CONCRETE CURB
- NOT TO SCALE



1. TEMPORARY PAVEMENT REPLACEMENT WILL BE ALLOWED ONLY WHEN ASPHALT PLANTS ARE NOT IN OPERATION. WHEN TEMP. PAVEMENT IS USED, CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE AND UPKEEP OF SAID PATCH UNTIL PERMANENT PATCH IS INSTALLED.
2. UPON THE AVAILABILITY OF ASPHALT, THE CONTRACTOR SHALL EXCAVATE THE "K-CRETE" BACKFILL TO THE ORDERED DEPTH AND REPLACE WITH 4000 PSI CONCRETE AND THE REQUIRED 2" THICK ASPHALT TO THE LIMITS AND SPECIFICATIONS AS SHOWN.
3. STEEL PLATES OF ADEQUATE SIZE SHALL BE PLACED OVER ALL TRENCHES UNTIL THE 4000 PSI CONCRETE CURE IS DEEMED PASSABLE.
4. STEEL PLATES SHALL BE PINNED AS REQUIRED TO PREVENT MOVEMENT. DURING WINTER ALL STEEL PLATES SHALL BE RECESSED.

F PERMANENT CONCRETE PAVEMENT
- NOT TO SCALE



G CONCRETE BOLLARD
- NOT TO SCALE

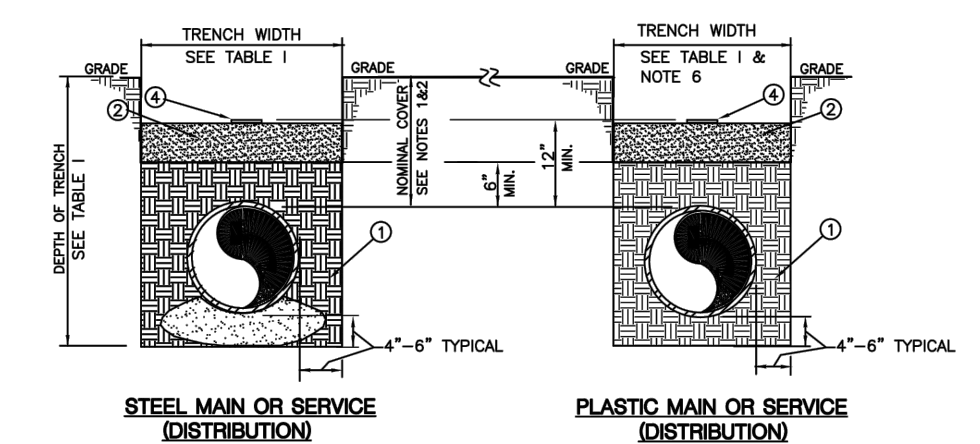


TABLE 1		TRENCH WIDTH (MAIN)		TRENCH DEPTH (MAIN)		TRENCH DEPTH (SERVICE)	
1"	0'-10"	3'-0"	2'-8"	2'-8"	2'-8"	2'-8"	2'-8"
1 1/2"	0'-10"	3'-0"	2'-8"	2'-8"	2'-8"	2'-8"	2'-8"
2"	1'-0"	3'-0"	2'-8"	2'-8"	2'-8"	2'-8"	2'-8"
3"	1'-0"	3'-0"	2'-8"	2'-8"	2'-8"	2'-8"	2'-8"
4"	1'-2"	3'-10"	2'-10"	2'-10"	2'-10"	2'-10"	2'-10"
6"	1'-4"	4'-2"	3'-2"	3'-2"	3'-2"	3'-2"	3'-2"
8"	1'-4"	4'-2"	3'-2"	3'-2"	3'-2"	3'-2"	3'-2"
10"	1'-6"	4'-4"	3'-4"	3'-4"	3'-4"	3'-4"	3'-4"
12"	1'-6"	4'-4"	3'-4"	3'-4"	3'-4"	3'-4"	3'-4"
15"	1'-8"	4'-6"	3'-6"	3'-6"	3'-6"	3'-6"	3'-6"
20"	1'-8"	4'-6"	3'-6"	3'-6"	3'-6"	3'-6"	3'-6"
24"	2'-0"	5'-0"	4'-0"	4'-0"	4'-0"	4'-0"	4'-0"
30"	2'-0"	5'-0"	4'-0"	4'-0"	4'-0"	4'-0"	4'-0"
36"	2'-0"	5'-0"	4'-0"	4'-0"	4'-0"	4'-0"	4'-0"

- NOTES:
1. DISTRIBUTION MAINS SHOULD BE INSTALLED WITH A MINIMUM 3'-0" COVER SO AS TO ALLOW A MINIMUM COVER OF 2'-0" ON THE SERVICE PIPING.
 2. FOR DISTRIBUTION MAINS OR SERVICES, STEEL PROTECTIVE PLATES ARE REQUIRED WHEN THE COVER IS LESS THAN 2'-0". (SEE SPECS. G-800S, G-8100, AND DWG. EO-8789-C)
 3. FOR TRANSMISSION MAINS, STEEL PROTECTIVE PLATES ARE REQUIRED FOR ALL NEW INSTALLATIONS REGARDLESS OF COVER AND IF FEASIBLE, WHENEVER AN EXISTING TRANSMISSION MAIN IS EXPOSED. (SEE SPECS. G-8051, G-11983, AND DWG. EO-8789-C)
 4. ENSURE PROPER CLEARANCES ARE MAINTAINED BETWEEN GAS FACILITIES AND OTHER FACILITIES OR STRUCTURES. (SEE CI-920-1 AND DWG. EO-5570-C)
 5. WHEN SHEETING IS USED, THE "TRENCH WIDTH" DIMENSION IN TABLE 1 SHALL BE MEASURED FROM THE INSIDE OF THE SHEETING.
 6. WHEN INSTALLING COILED PLASTIC PIPE, THE TRENCH WIDTH MAY BE LESS THAN SHOWN ON TABLE 1.
 7. FOR STEEL MAINS AND SERVICES, INSTALL SANDBAGS AT 10' INTERVALS.
 8. ALL REPLACEMENT DIRECT BURIED COPPER TUBING AND PLASTIC TUBING SERVICES IN 1" OR 1 1/2" CTS SIZES SHALL HAVE A PROTECTIVE SLEEVE INSTALLED. (SEE G-8100)
 9. SEE G-8200 FOR MINIMUM SIZES OF NEW DIRECT BURIED PLASTIC, STEEL, AND COPPER SERVICES OF VARIOUS PRESSURES.

H TRENCH EXCAVATION FOR GAS MAINS & SERVICE UP TO 360 PSIG
- NOT TO SCALE

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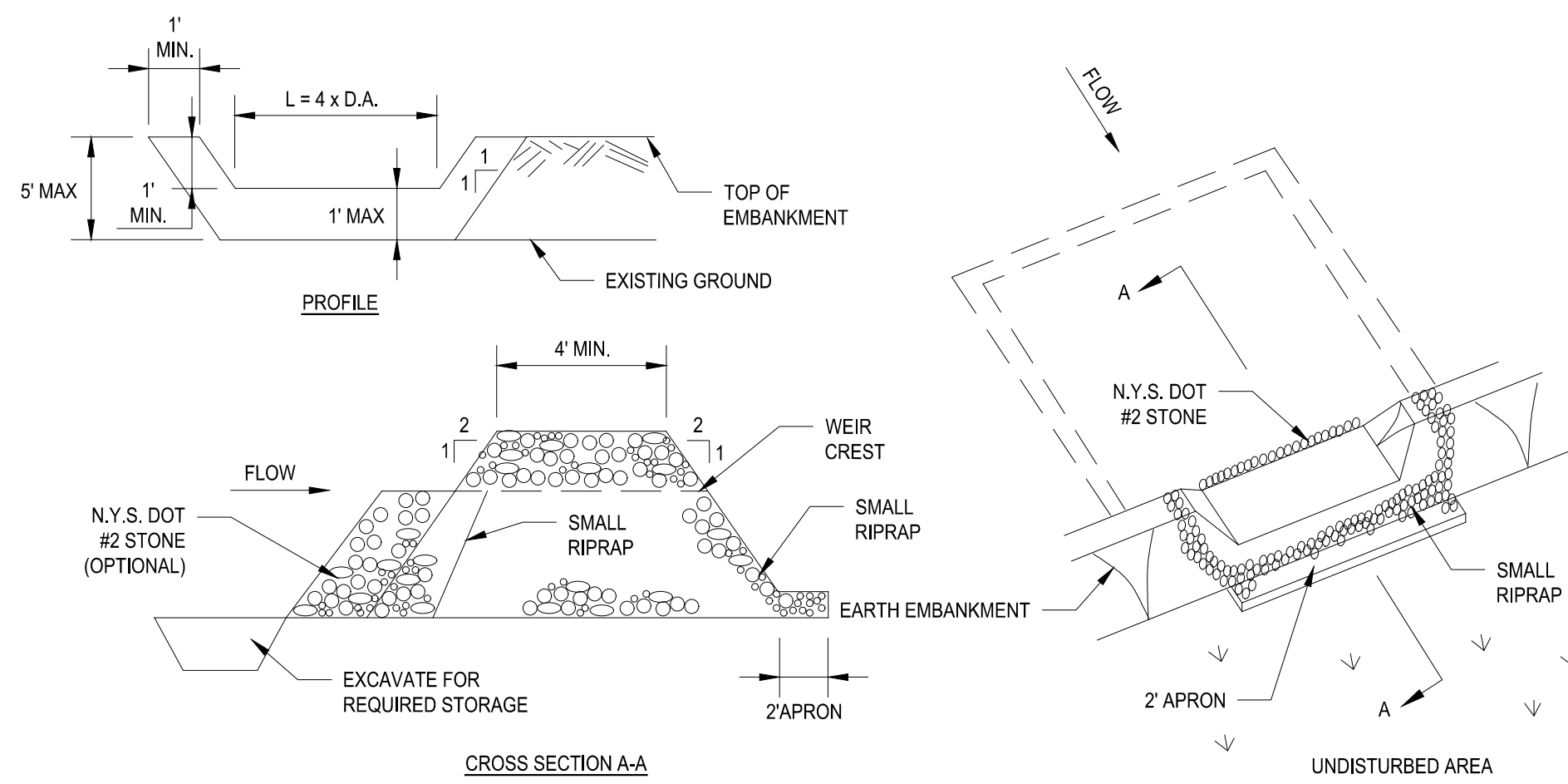
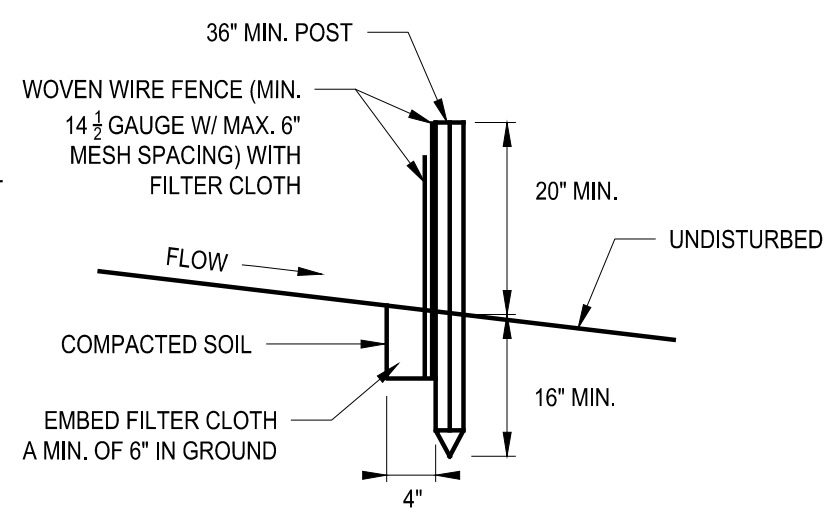
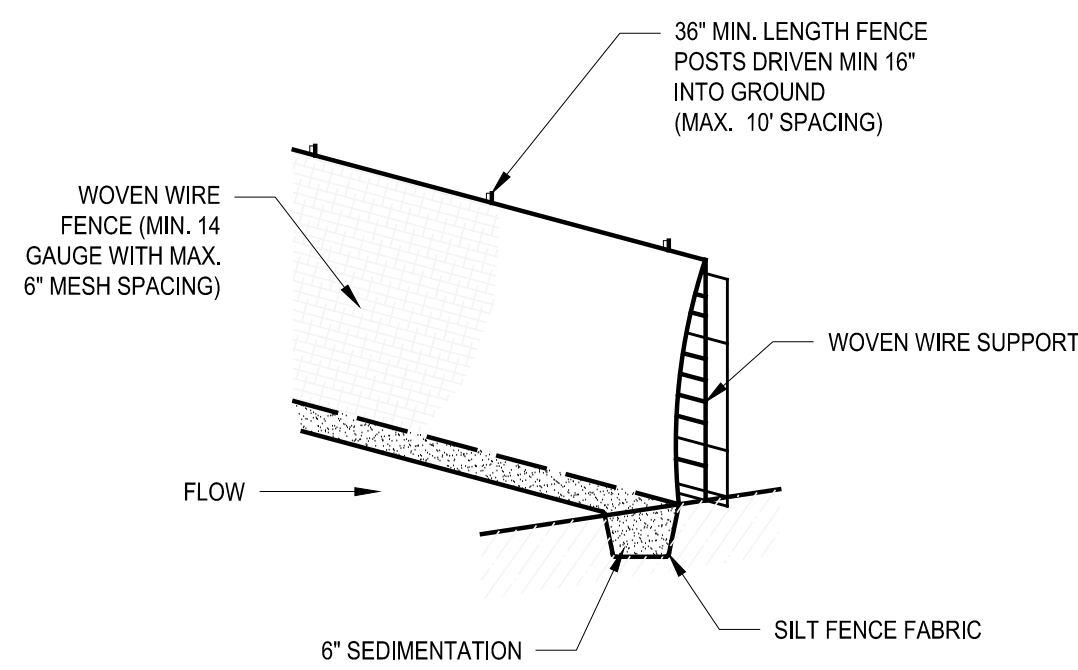
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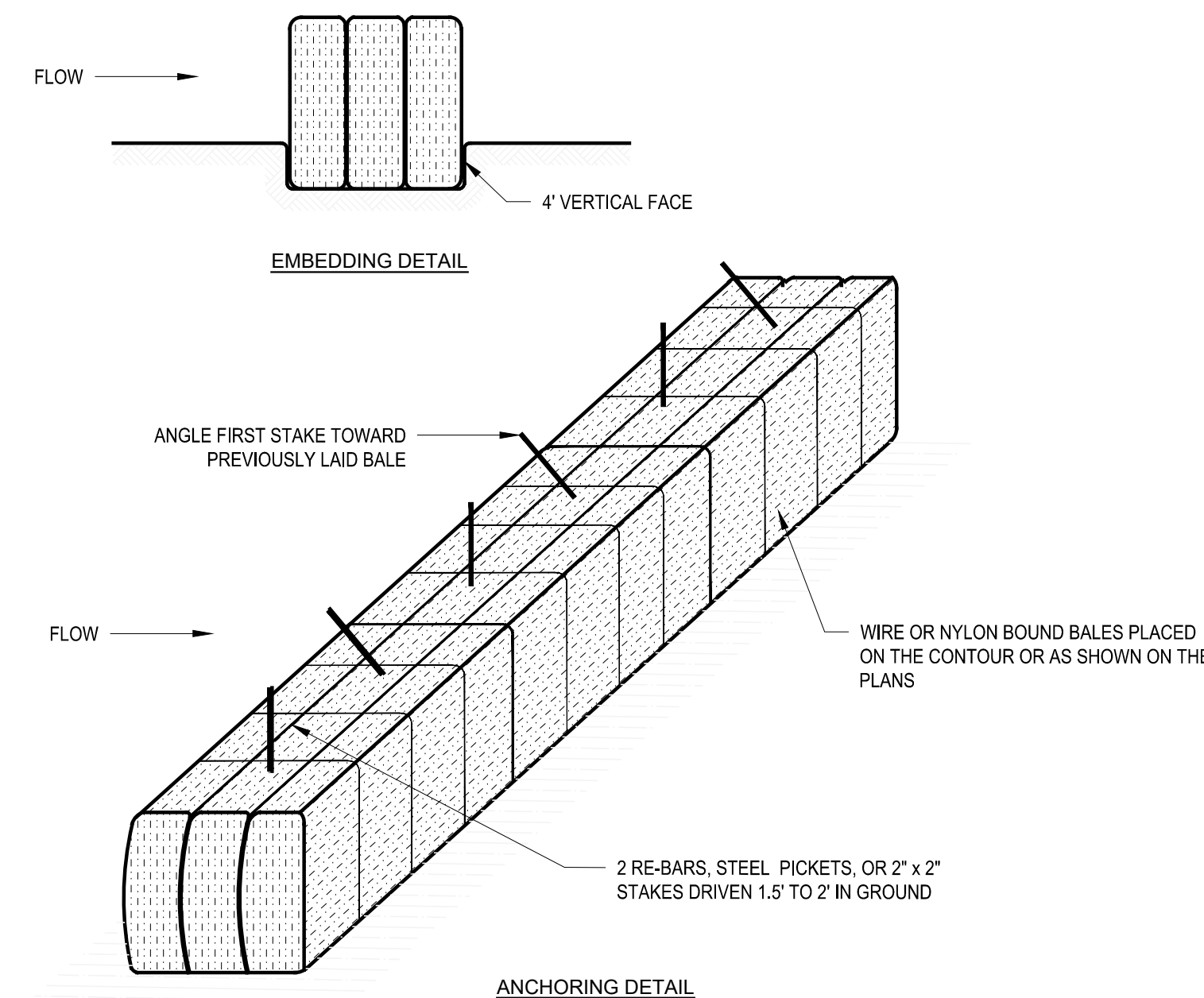
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WATERFOWL MANAGEMENT PROGRAM BUILDING AND PAVING
MOUNT PLEASANT, NEW YORK

DATE: JANUARY 2023
SCALE: N.T.S
SHEET NO: 19 OF No. 80
DRAWING NO.
C1-114



OPTION: A ONE FOOT LAYER OF N.Y.S. DOT #2 STONE MAY BE PLACED ON THE UPSTREAM SIDE OF THE RIPRAP IN PLACE OF THE EMBEDDED FILTER CLOTH.



GENERAL NOTES

1. STEEL POSTS WHICH SUPPORT THE SILT FENCE SHALL BE INSTALLED ON A SLIGHT ANGLE TOWARD THE ANTICIPATED RUNOFF SOURCE. THE TOE OF THE SILT FENCE SHALL BE TRENCHED IN WITH A SPADE OR MECHANICAL TRENCHER, SO THAT
2. THE DOWNSLOPE FACE OF THE TRENCH IS FLAT AND PERPENDICULAR TO THE LINE OF FLOW.
3. THE TRENCH SHALL BE A MINIMUM OF 6" DEEP AND 3" - 4" WIDE TO ALLOW FOR THE SILT FENCE TO BE LAID IN THE GROUND AND BACKFILLED.
4. SILT FENCE SHALL BE SECURELY FASTENED TO EACH STEEL SUPPORT POST AND TO WOVEN WIRE, WHICH IS IN TURN ATTACHED TO THE STEEL FENCE POSTS.
5. INSPECTION SHALL BE FREQUENT AND REPAIR OR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED, AS ORDERED BY THE CONSTRUCTION MANAGER.
6. SILT FENCE SHALL BE REMOVED WHEN IT HAS SERVED ITS USEFULNESS, SO AS NOT TO BLOCK OR IMPEDE STORM FLOW OR DRAINAGE.
7. SEDIMENT TRAPPED BY THIS PRACTICE SHALL BE LEGALLY DISPOSED OF IN AN APPROVED SITE IN A MANNER THAT WILL NOT CONTRIBUTE TO ADDITIONAL SILTATION.
8. ACCUMULATED SILT SHALL BE REMOVED WHEN IT REACHES A DEPTH OF 6" AND LEGALLY DISPOSED OF IN AN APPROVED SOIL SITE OR AS IN NOTE 7 ABOVE.

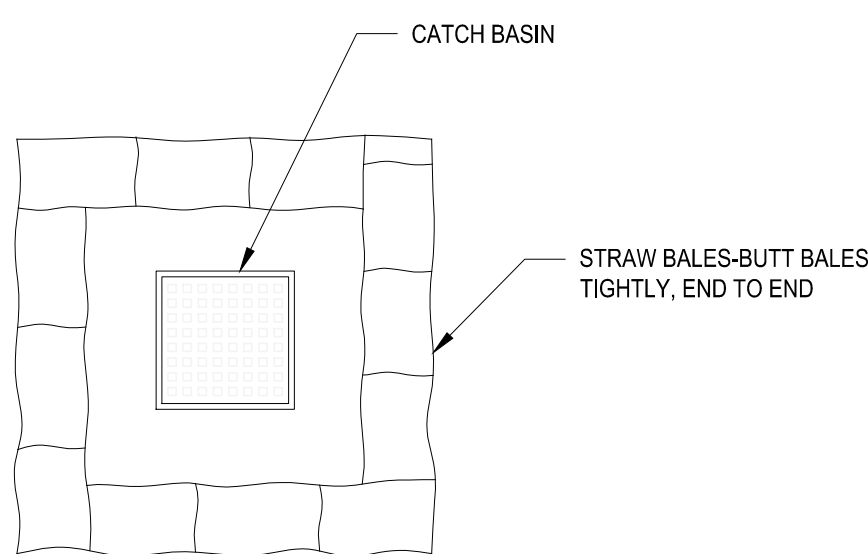
CONSTRUCTION SPECIFICATIONS

1. AREA UNDER EMBANKMENT SHALL BE CLEARED, GRUBBED AND STRIPPED OF ANY VEGETATION AND ROOT MAT. THE POOL AREA SHALL BE CLEARED.
2. THE FILL MATERIAL FOR THE EMBANKMENT SHALL BE FREE OF ROOTS AND OTHER WOODY VEGETATION AS WELL AS OVER-SIZED STONES, ROCKS, ORGANIC MATERIAL OR OTHER OBJECTIONABLE MATERIAL. THE EMBANKMENT SHALL BE COMPACTED BY TRAVERSING WITH EQUIPMENT WHILE IT IS BEING CONSTRUCTED.
3. ALL CUT AND FILL SLOPES SHALL BE 2:1 OR FLATTER.
4. THE STONE USED IN THE OUTLET SHALL BE SMALL RIPRAP 4"-8" ALONG WITH A 1" THICKNESS OF 2" AGGREGATE PLACED ON THE UP-GRADE SIDE ON THE SMALL RIPRAP OR EMBEDDED FILTER CLOTH IN THE RIPRAP.
5. SEDIMENT SHALL BE REMOVED AND TRAP RESTORED TO ITS ORIGINAL DIMENSIONS WHEN THE SEDIMENT HAS ACCUMULATED TO 1/2 THE DESIGN DEPTH OF THE TRAP. IT SHALL BE PLACED ON SITE AND STABILIZED.
6. THE STRUCTURE SHALL BE INSPECTED AFTER EACH RAIN AND REPAIRS MADE AS NEEDED.
7. CONSTRUCTION OPERATIONS SHALL BE CARRIED OUT IN SUCH A MANNER THAT EROSION AND SEDIMENT ARE CONTROLLED.
8. THE STRUCTURE SHALL BE REMOVED AND THE AREA STABILIZED WHEN THE DRAINAGE AREA HAS BEEN PROPERLY STABILIZED. MAXIMUM DRAINAGE AREA 5 ACRES

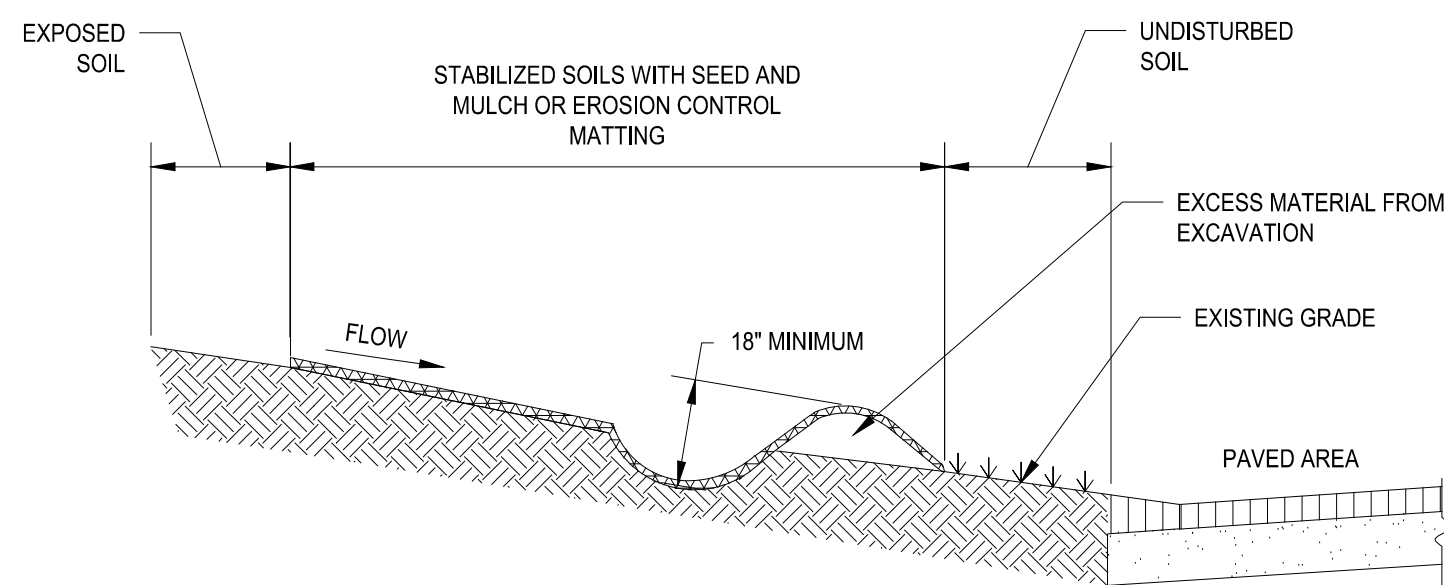
GENERAL NOTES

1. BALES SHALL BE PLACED IN A ROW WITH ENDS TIGHTLY ABUTTING THE ADJACENT BALES.
2. EACH BALE SHALL BE EMBEDDED IN THE SOIL A MINIMUM OF FOUR INCHES.
3. BALES SHALL BE SECURELY ANCHORED IN PLACE BY STAKES OR RE-BARS DRIVEN THROUGH THE BALES. THE FIRST STAKE IN EACH BALE SHALL BE ANGLED TOWARD THE PREVIOUSLY LAID BALE TO FORCE BALES TOGETHER.
4. INSPECTION SHALL BE FREQUENT AND REPAIR OR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED.
5. BALES SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFULNESS SO AS NOT TO BLOCK OR IMPEDE STORM FLOW OR DRAINAGE.
6. ACCUMULATED SILT SHALL BE REMOVED AND LEGALLY DISPOSED OF WHEN IT REACHES A DEPTH OF 6 INCHES.
7. CONTRACTOR SHALL REPLACE HAY BALE AND DIKE EVERY THREE (3) MONTHS.

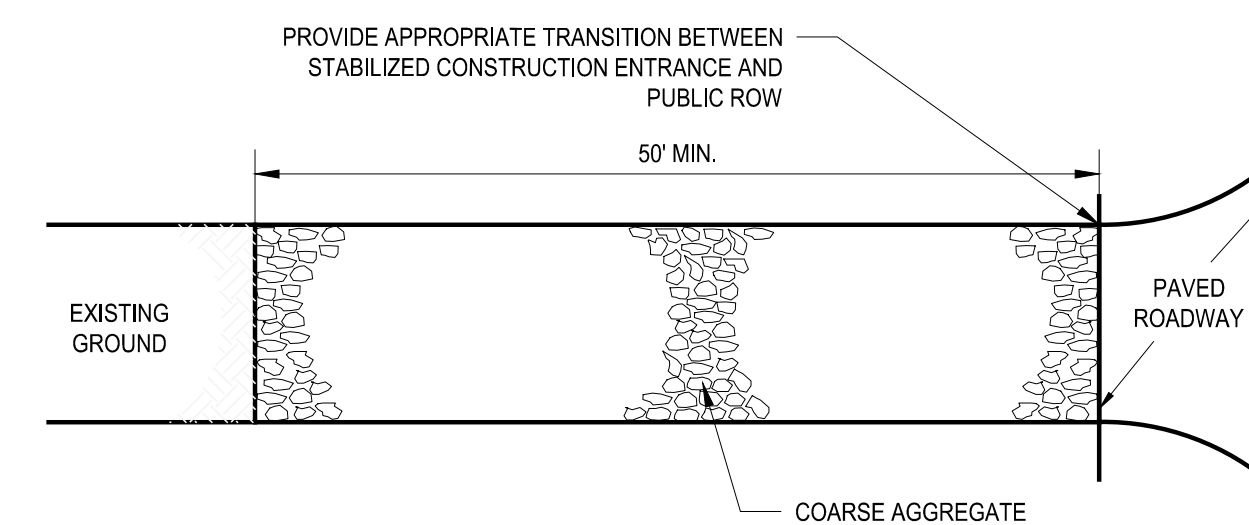
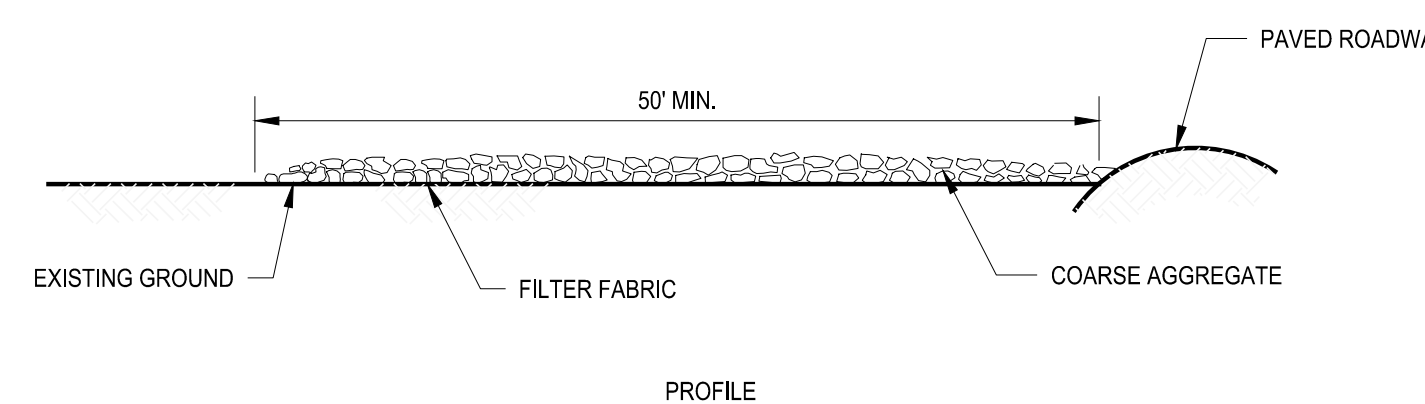
A SILT FENCE
- NOT TO SCALE



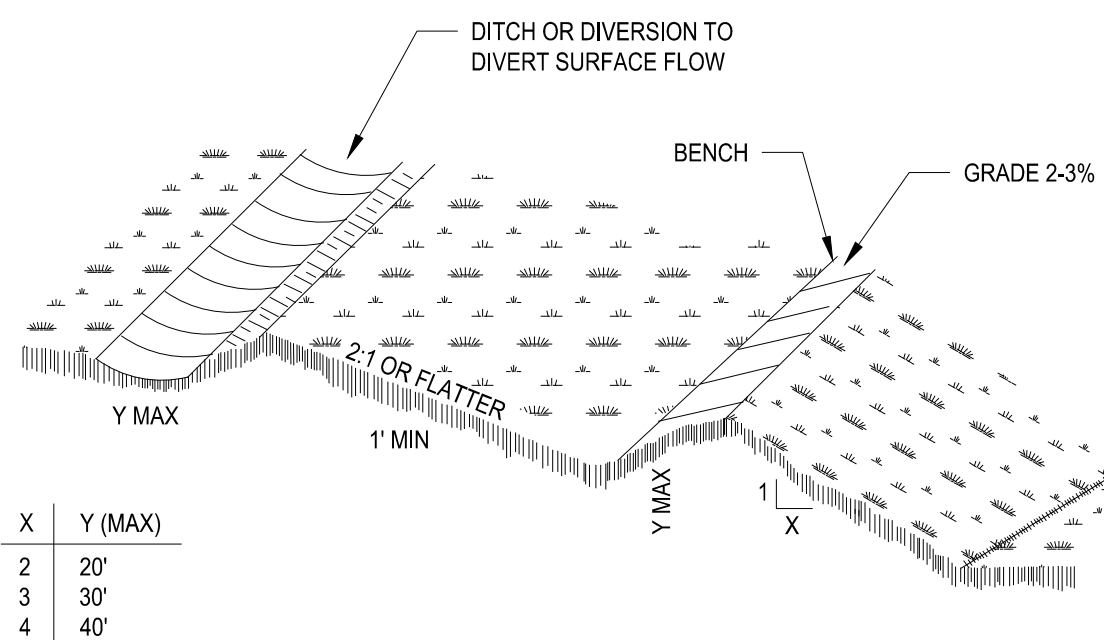
B STONE OUTLET SEDIMENT TRAP
- NOT TO SCALE



C EMBEDDING DETAIL
- NOT TO SCALE



D INLET PROTECTION
- NOT TO SCALE



CONSTRUCTION NOTES

1. ALL EARTH FILL SHALL BE PLACED ON A STRIPPED FOUNDATION, CONTAIN NO STUMPS OR WOODY MATERIAL, AND BE COMPACTED WITH THE WEIGHT OF THE EXCAVATOR BUCKET.
2. THE SYSTEM SHALL BE USED WITH A MINIMUM 5 FOOT VEGETATED BUFFER ON THE DOWN SLOPE TOE OF THE DIKE OR AN ARTIFICIAL BUFFER OF EROSION CONTROL MATTING.
3. THE ENDS OF THE DIKE SYSTEM SHALL TERMINATE WITH A 90 DEGREE RETURN OF NYS DOT #1A CRUSHED STONE TO FILTER ANY EXCESS FLOW.
4. THE EARTHEN DIKE SHALL BE SEEDED AND MULCHED TO PREVENT EROSION USING AN ANNUAL RYE GRASS MIXTURE AT A RATE OF 1 LB. PER 1,000 SQUARE FEET.

GENERAL NOTES

1. THE STONE SIZE WILL CONSIST OF COARSE AGGREGATE IN ACCORDANCE WITH THE SPECIFICATIONS. THE MATERIAL SHALL BE PLACED WITH A THICKNESS NOT LESS THAN 8", WILL NOT BE LESS THAN THE WIDTH OF THE INGRESS, AND NOT LESS THAN 50' IN LENGTH.
2. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PAVED ROADWAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEAN OUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO THE PUBLIC RIGHT-OF-WAY MUST BE REMOVED BY THE CONTRACTOR IMMEDIATELY.

E LANDGRADING
- NOT TO SCALE

F SEDIMENT DIKE
- NOT TO SCALE

G STABILIZED CONSTRUCTION ENTRANCE
- NOT TO SCALE

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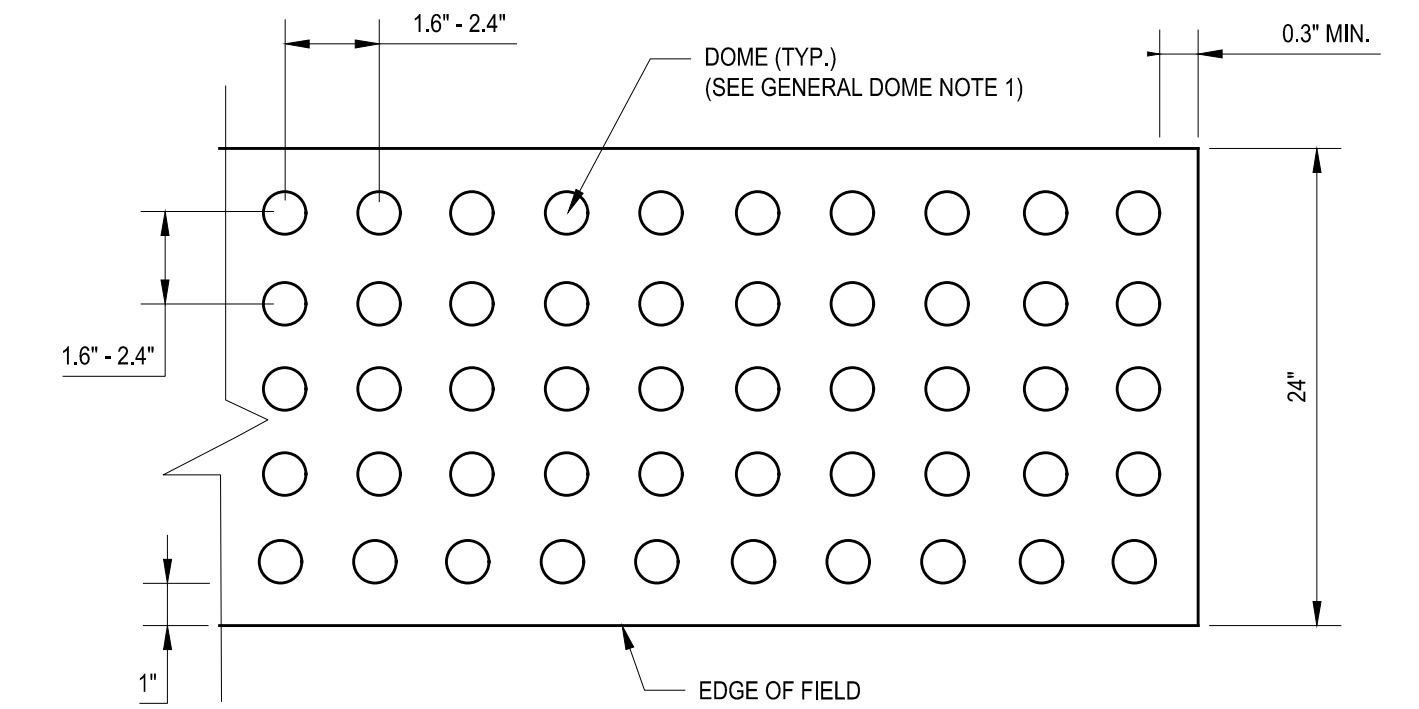
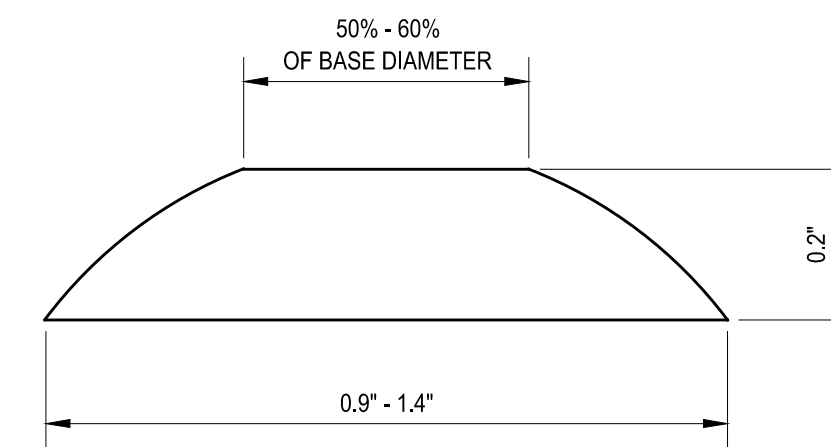
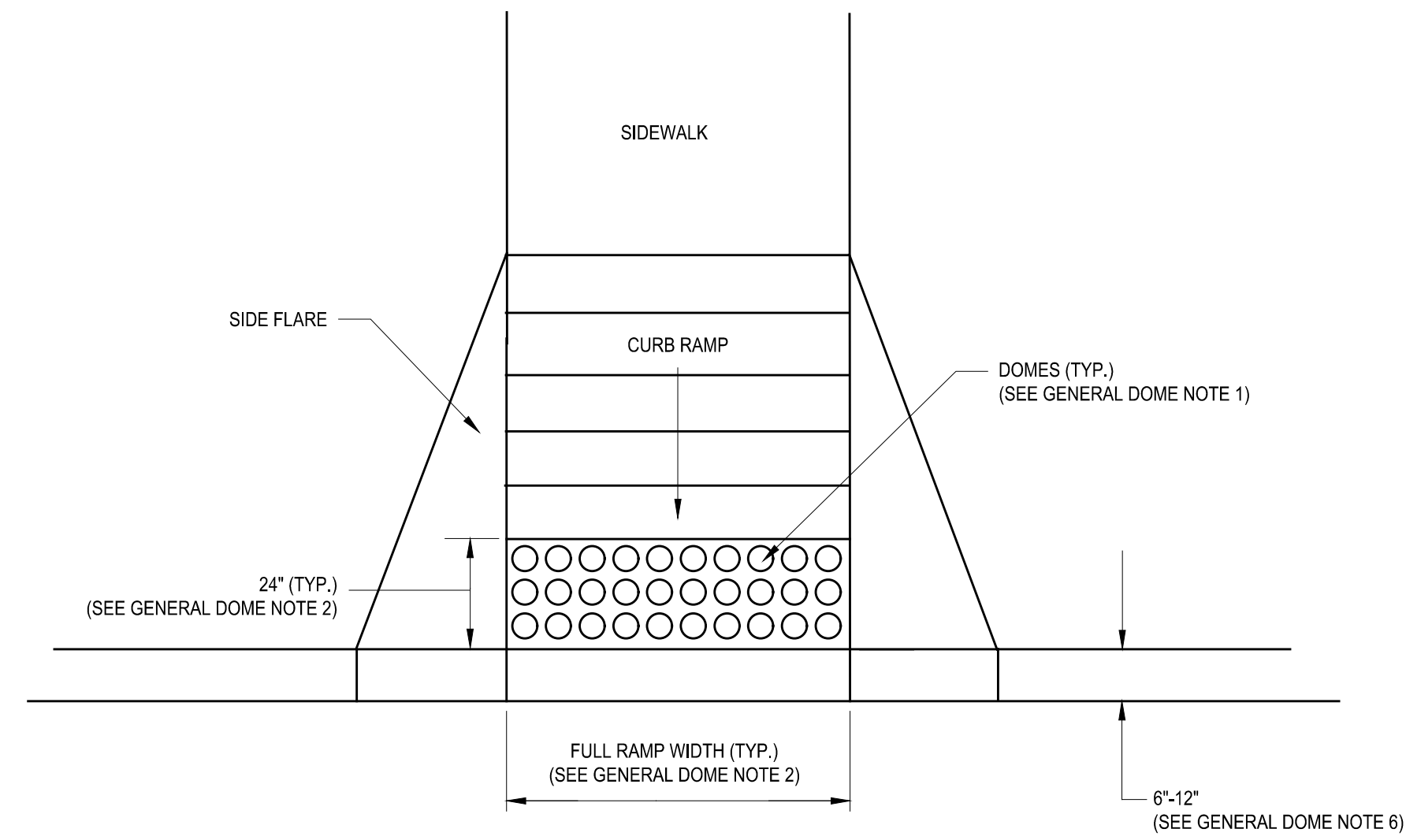
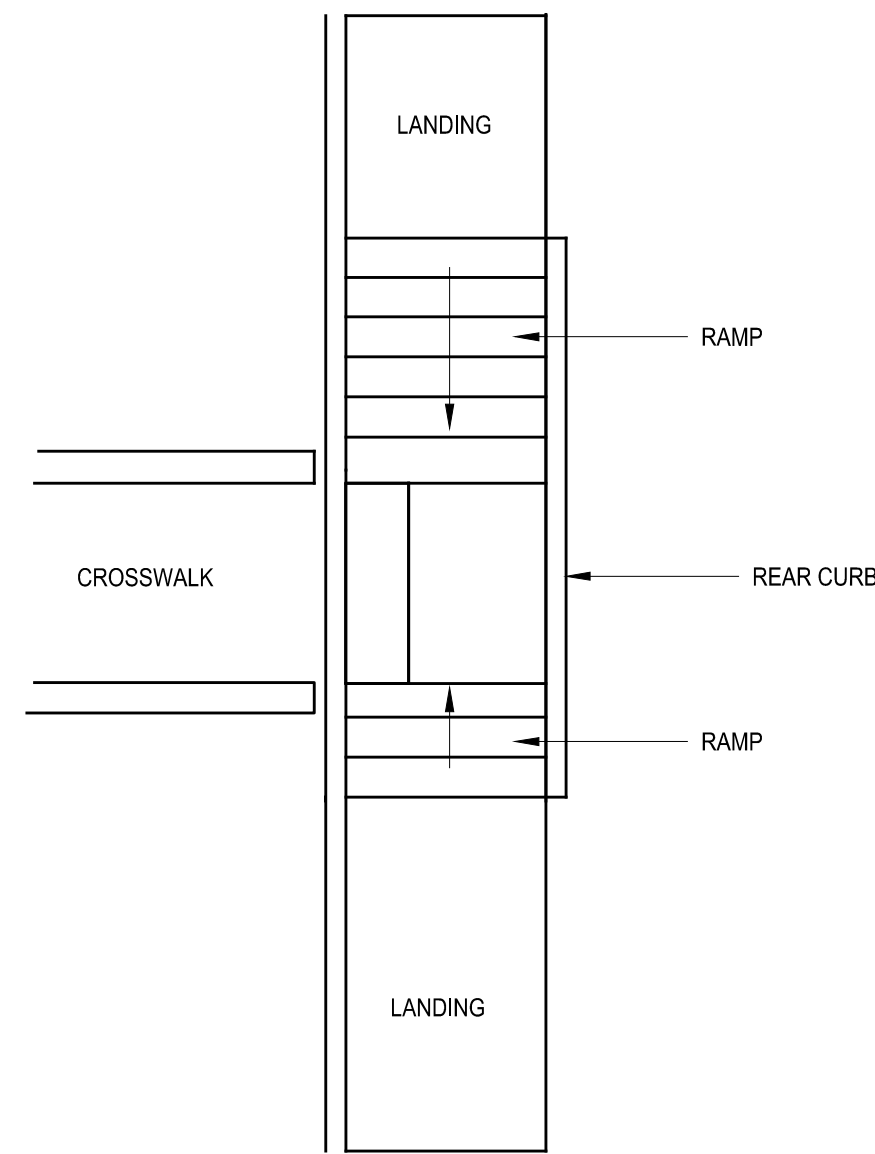
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WATERFOWL MANAGEMENT PROGRAM BUILDING AND PAVING MOUNT PLEASANT, NEW YORK	
DATE: JANUARY 2023	
SCALE: N.T.S	
SHEET NO: 20 OF No. 80	
DRAWING NO. C1-115	



GENERAL NOTES

SEE NYSDOT DETAIL CURB RAMP CONFIGURATION: TYPE 9 MID BLOCK CROSSING

A CURB RAMP
- NOT TO SCALE

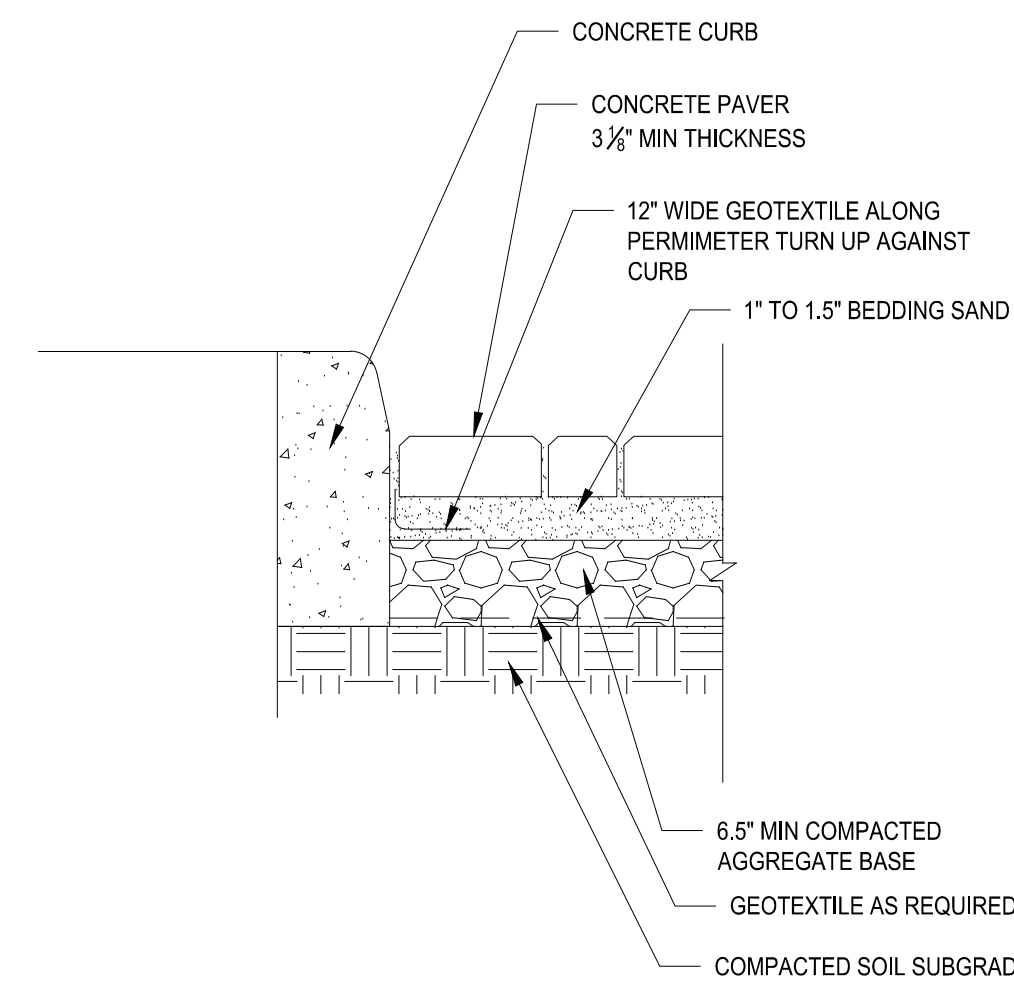
B DETECTABLE WARNING AT CURB RAMP
- NOT TO SCALE

C DOME SECTION
- NOT TO SCALE

D DOME SPACING
- NOT TO SCALE

GENERAL DOME NOTES

- THE DETAILS PROVIDED ARE NOT DRAWN TO SCALE. THE QUANTITY OF DOMES DEPICTED ON THE DETECTABLE WARNING FIELD (THE DOMES AND THE ENTIRE 24" LEVEL SURFACE) IS FOR ILLUSTRATION ONLY.
- THE SIZE OF THE DETECTABLE WARNING FIELD SHALL BE 24" IN THE DIRECTION OF TRAVEL AND SHALL EXTEND THE FULL WIDTH OF THE CURB RAMP OR FLUSH SURFACE, EXCLUSIVE OF SIDE FLARES.
- THE ROWS OF DOMES SHALL BE ALIGNED TO BE PERPENDICULAR OR RADIAL TO THE GRADE BREAK BETWEEN THE RAMP LANDING OR CURB RAMP AND THE STREET.
- WHERE DOMES ARE ARRAYED RADially THEY MAY DIFFER IN DOME DIAMETER AND CENTER-TO-CENTER SPACING WITHIN THE RANGES SPECIFIED ON THIS SHEET.
- THE DETECTABLE WARNING FIELD SHALL BE THE COLOR SPECIFIED IN THE CONTRACT DOCUMENTS OR MEET THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS.
- DETECTABLE WARNINGS SHALL BE LOCATED SO THAT THE EDGE OR ON CURB RAMP TYPE 1 AT LEAST ONE CORNER OF THE WARNING FIELD NEAREST TO THE ROADWAY IS 6" TO 8.9" FROM THE FRONT OF THE CURB OR THE EDGE (12" WHERE TRAVERSABLE CURB IS USED).
- THE EDGE OF THE DETECTABLE WARNING FIELD NEAREST TO A RAILROAD CROSSING SHALL BE 5.9' MINIMUM AND 15' MAXIMUM FROM THE CENTERLINE OF THE NEAREST RAIL.



E CONCRETE PAVER
- NOT TO SCALE

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DESIGN LEAD:
R. GEDEON



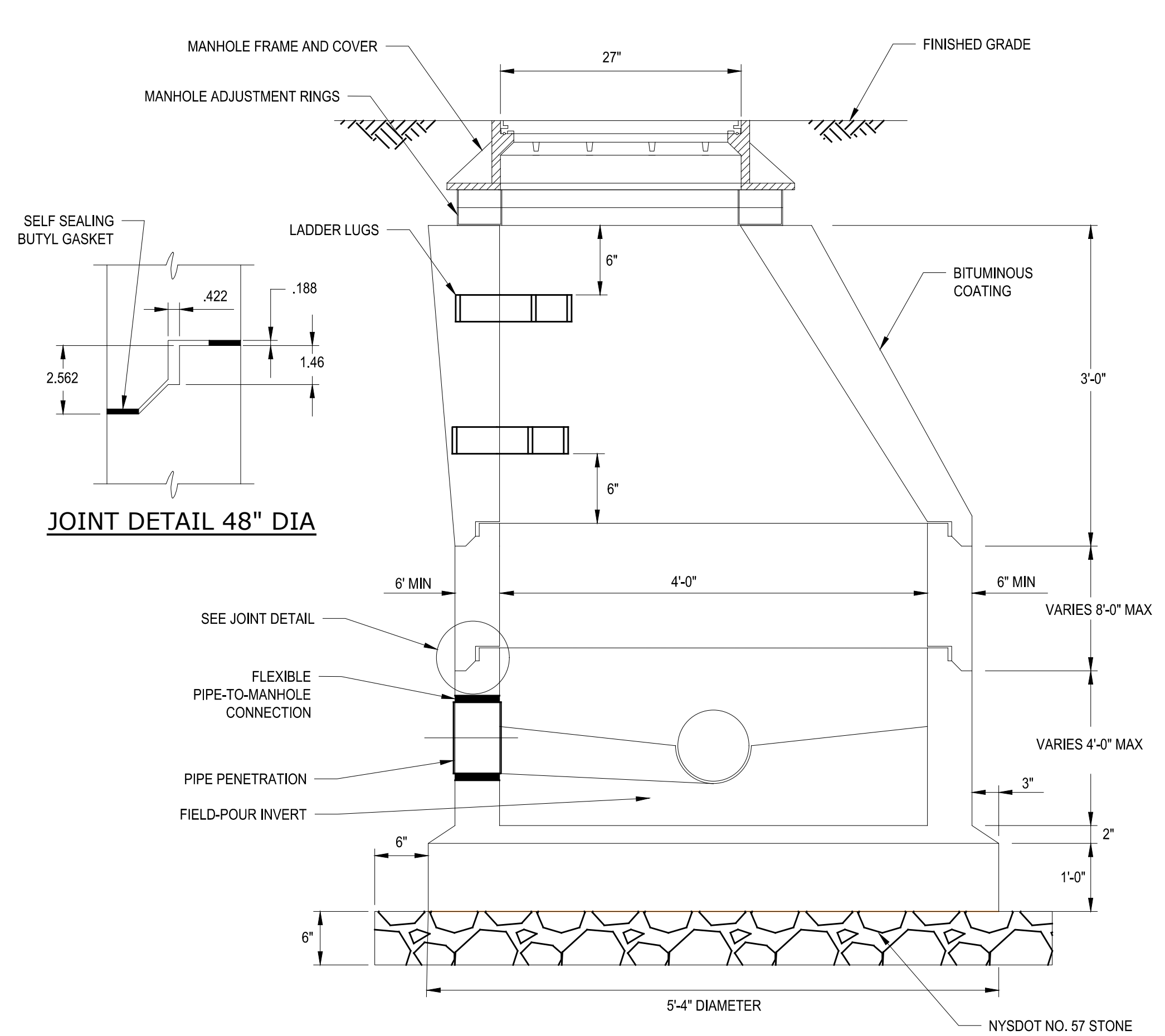
ACCOUNTABLE MANAGER
JOSE NIEVES
PROJECT MANAGER
MARK DELBALZO, P.E.

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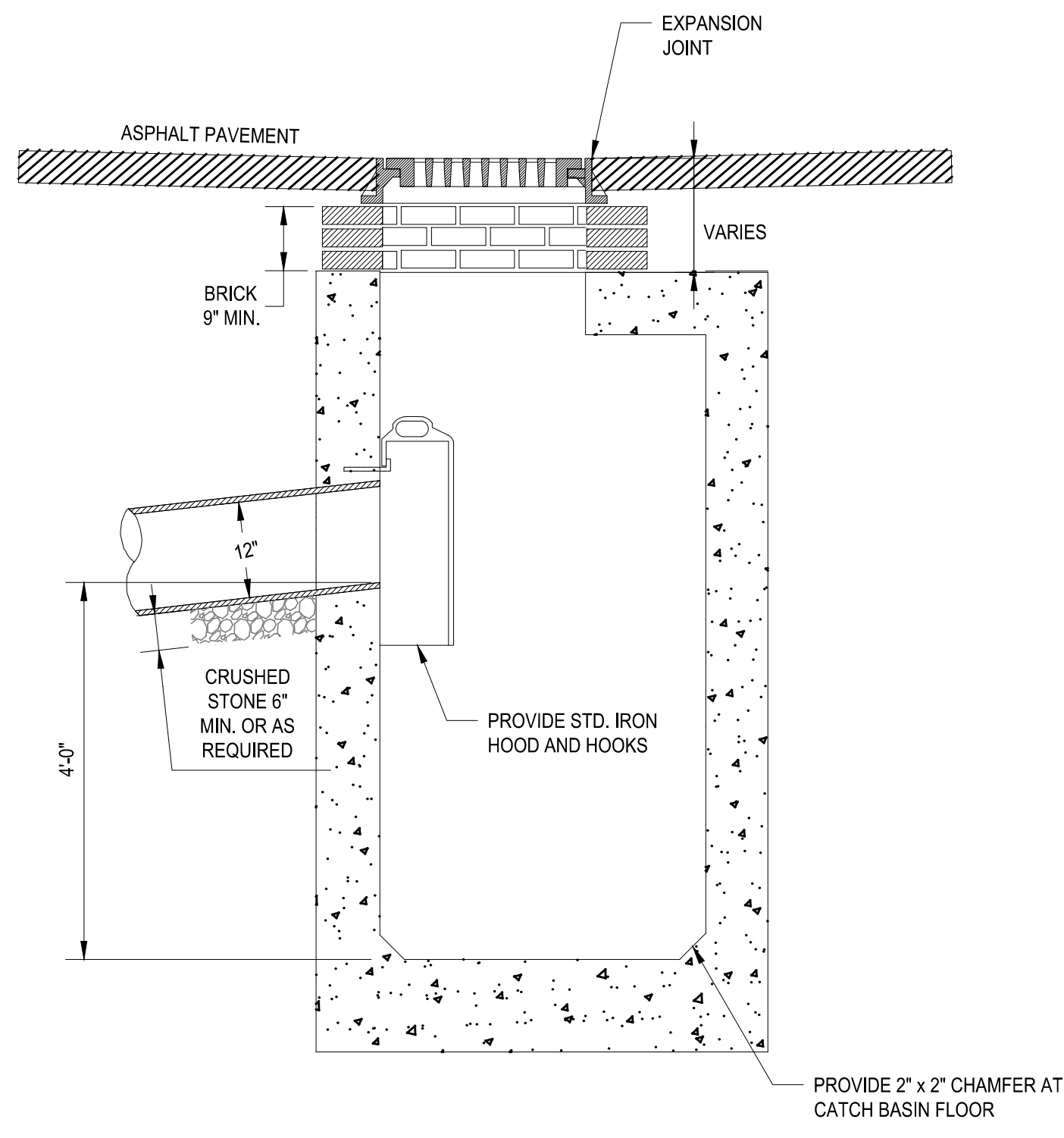
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	DATE: JANUARY 2023 SCALE: N.T.S. SHEET NO: 21 OF No. 80 DRAWING NO. C1-116

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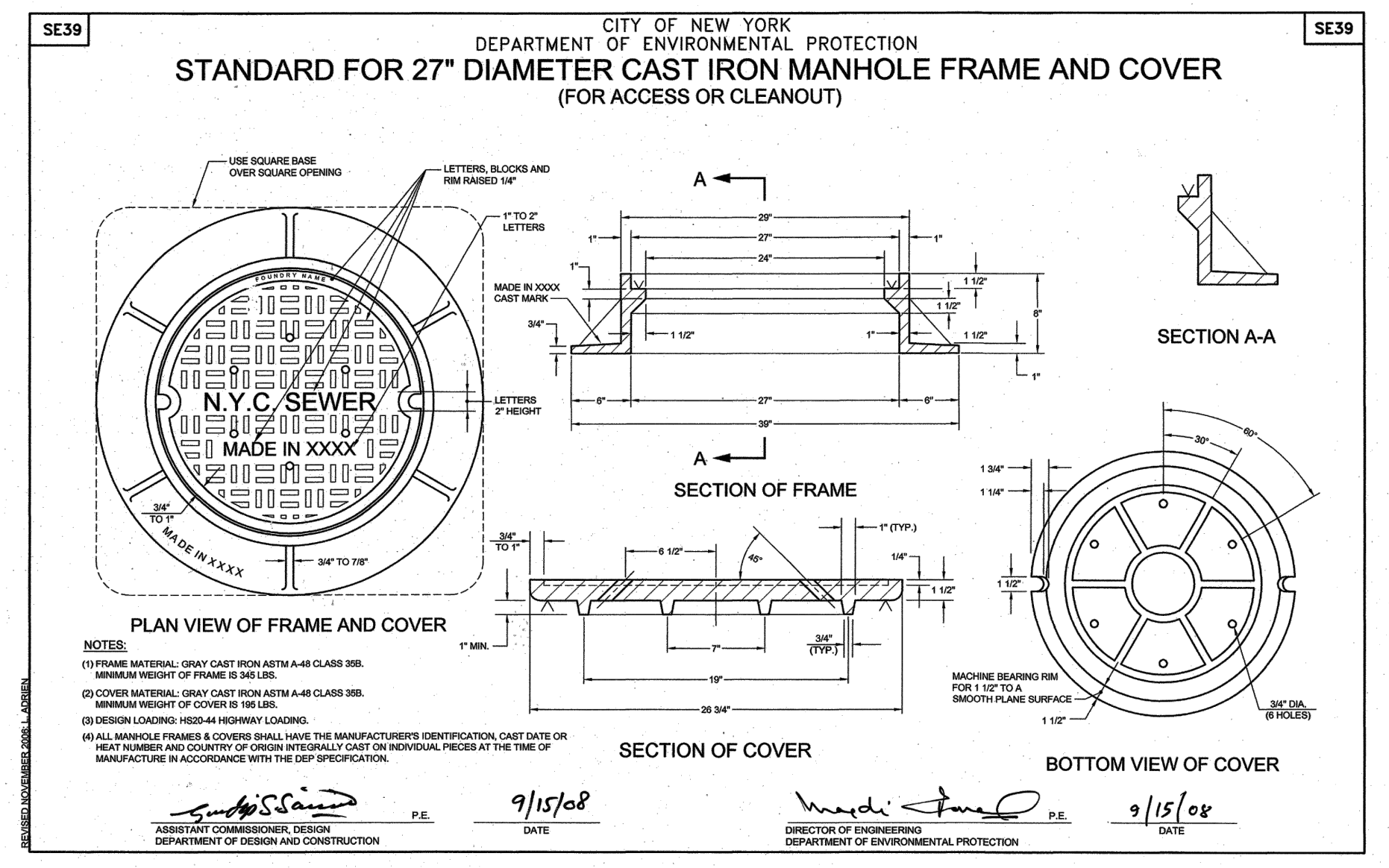


- NOTES
1. REINFORCING SHALL COMPLY WITH DEP SEWER DESIGN STANDARDS SE28A, STANDARD FOR 4'0\"/>

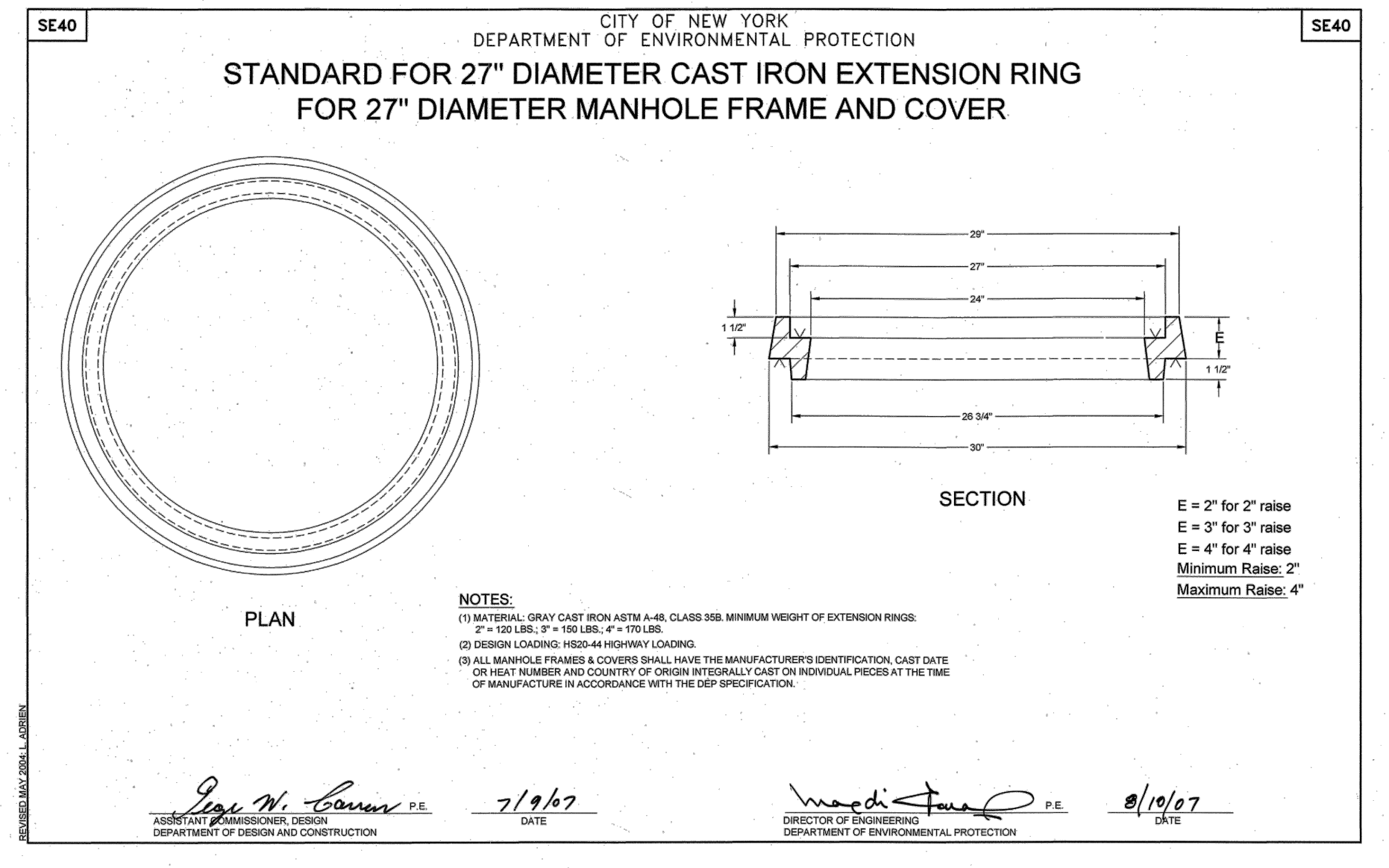
A STANDARD NYCDEP SEWER MANHOLE
NOT TO SCALE



B MODIFIED NYCDEP TYPE 2 CATCH BASIN WITHOUT CURB PIECE
NOT TO SCALE



C 27\"/> NOT TO SCALE



D 27\"/> NOT TO SCALE

FILE: C:\MSMS WORKING\01010508\021_C1-117.00_Saved by CDEBONA. Save date: 8/27/2021 2:09 PM

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DESIGNED BY: J. CAUSARANO	DRAWN BY: C. DEBONA		
CHECKED BY: J. LAPADULA	DESIGN LEAD: R. GEDEON		
NO.	DATE	REVISIONS/DESCRIPTION	APPR'D

ACCOUNTABLE MANAGER
JOSE NIEVES

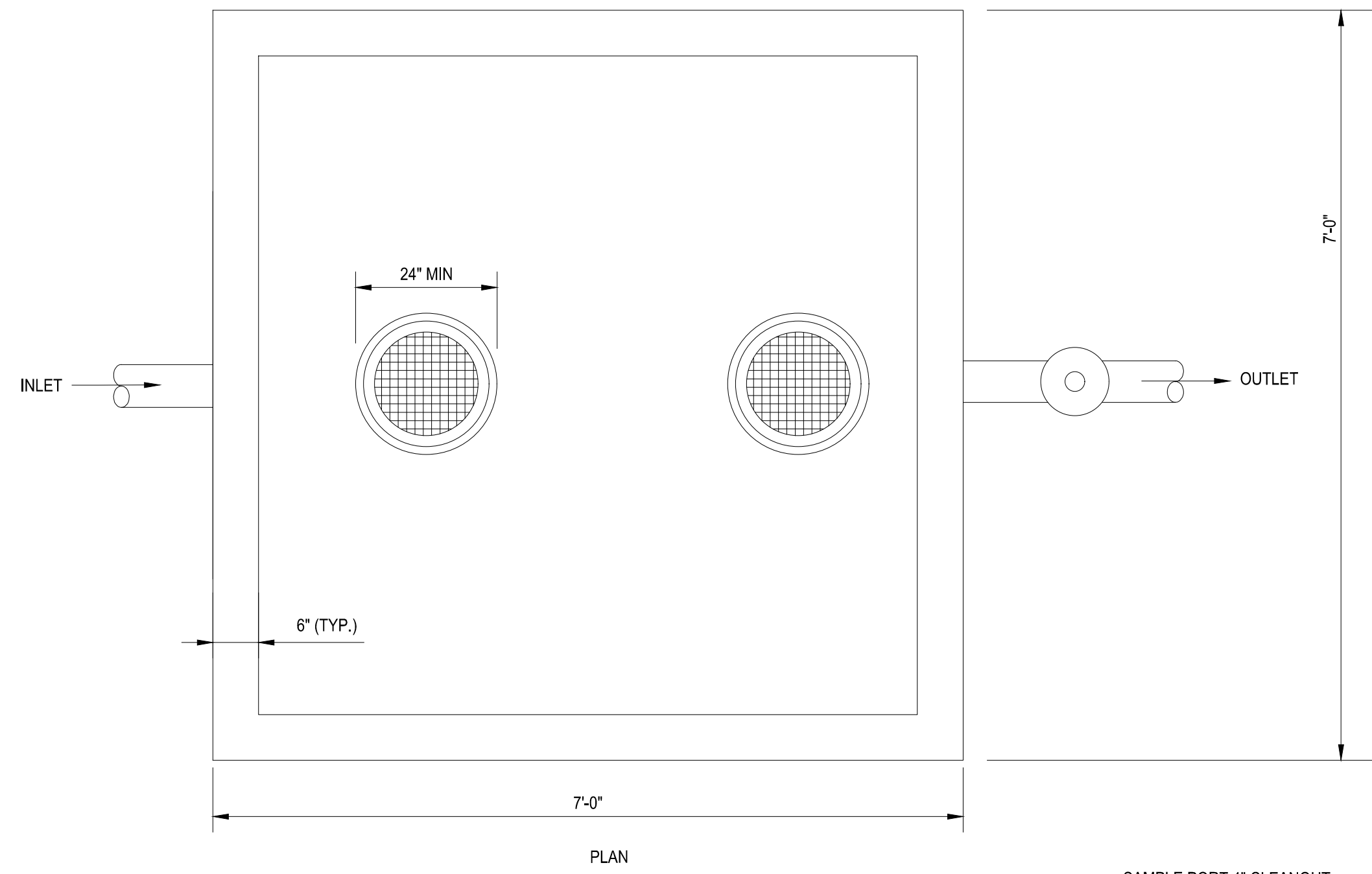
PROJECT MANAGER
MARK DELBALZO, P.E.

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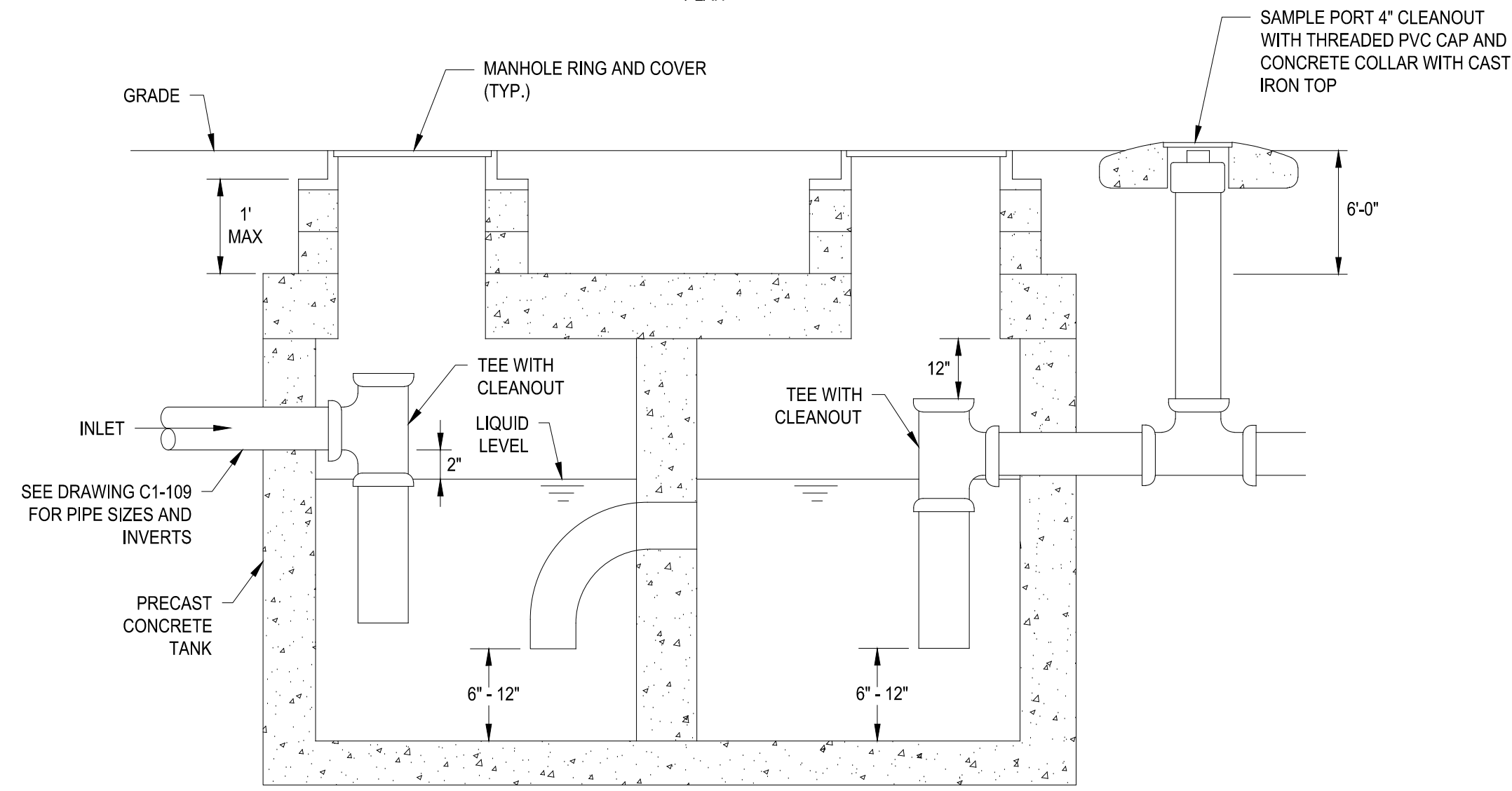
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WATERFOWL MANAGEMENT PROGRAM BUILDING AND PAVING MOUNT PLEASANT, NEW YORK	DATE: JANUARY 2023 SCALE: N.T.S. SHEET NO: 22 OF No. 80 DRAWING NO. C1-117

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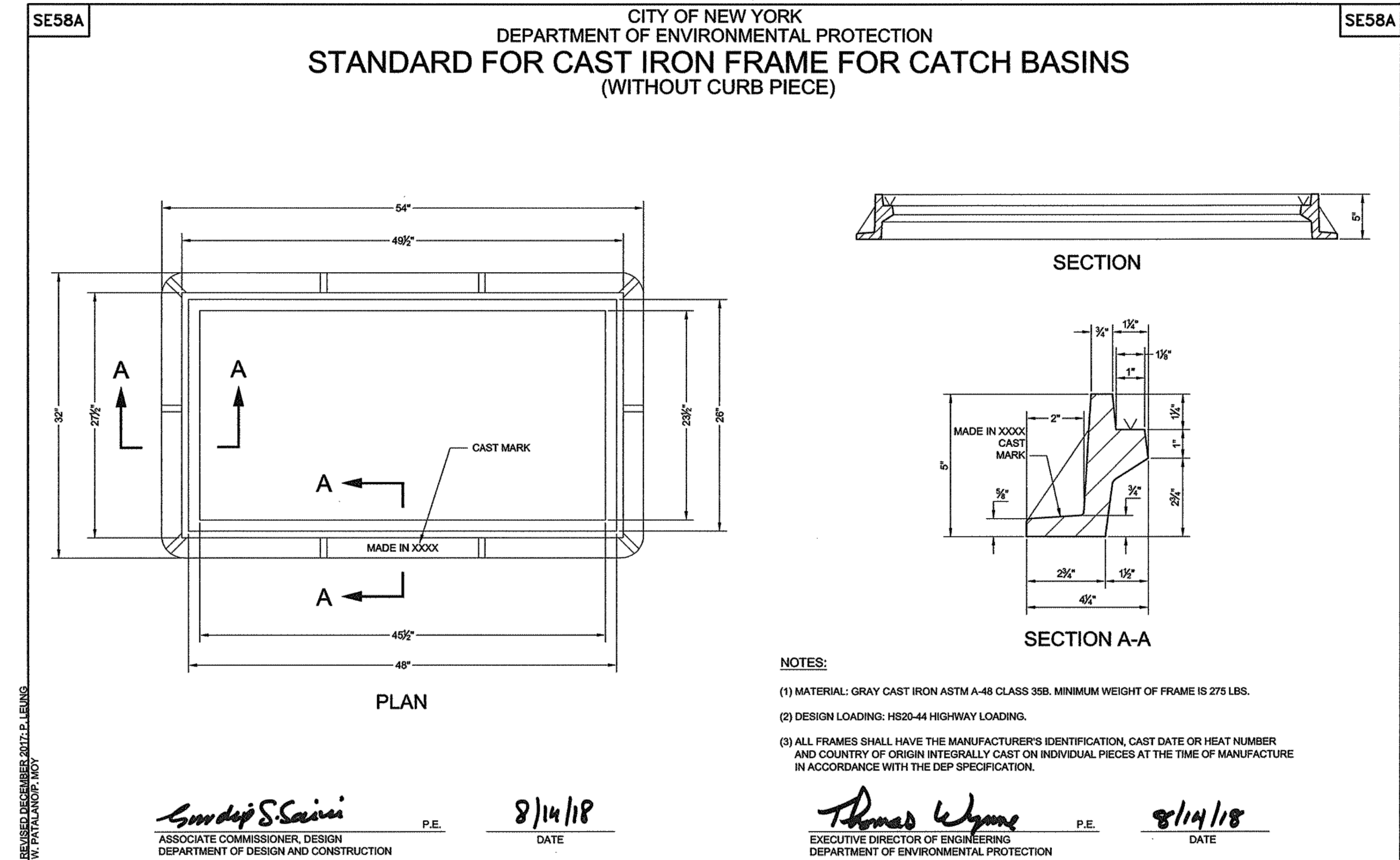


PLAN

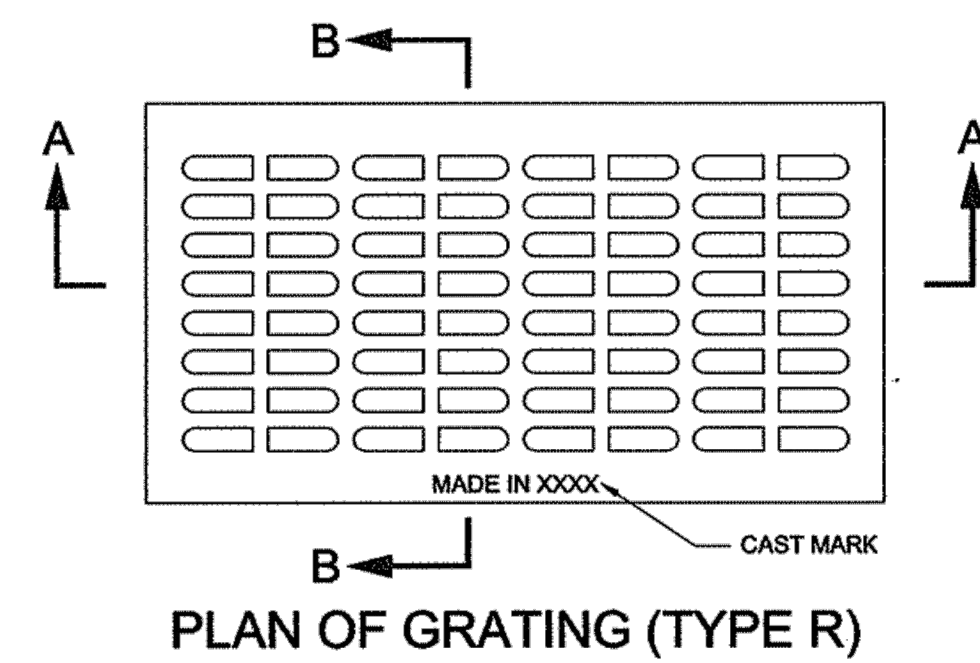


ELEVATION

A OIL AND WATER SEPARATOR
- NOT TO SCALE

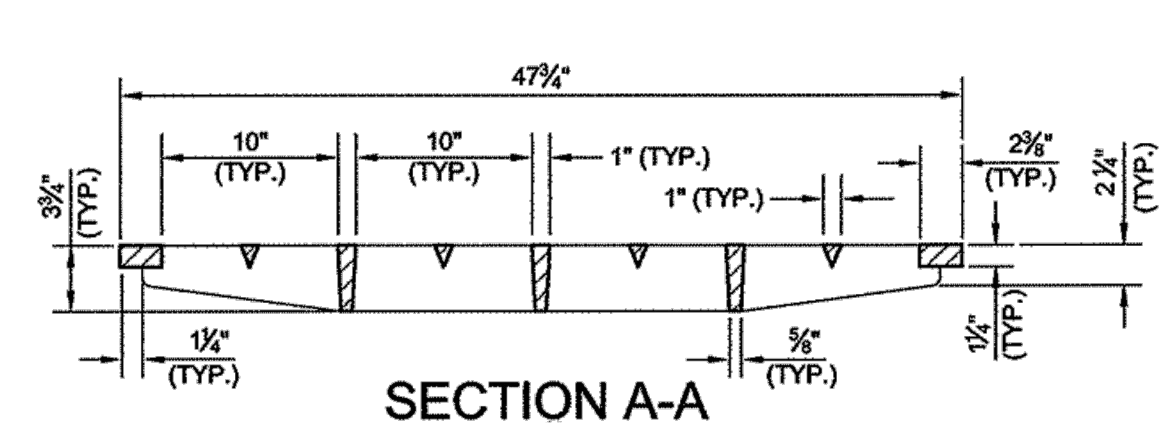


B DEP STANDARD FRAME FOR CATCH BASIN
- NOT TO SCALE

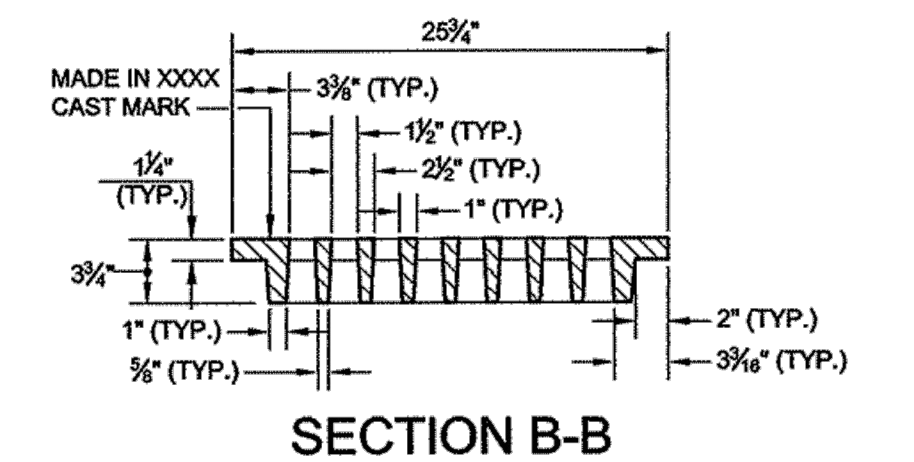


PLAN OF GRATING (TYPE R)

C DEP STANDARD GRATE
- NOT TO SCALE



SECTION A-A

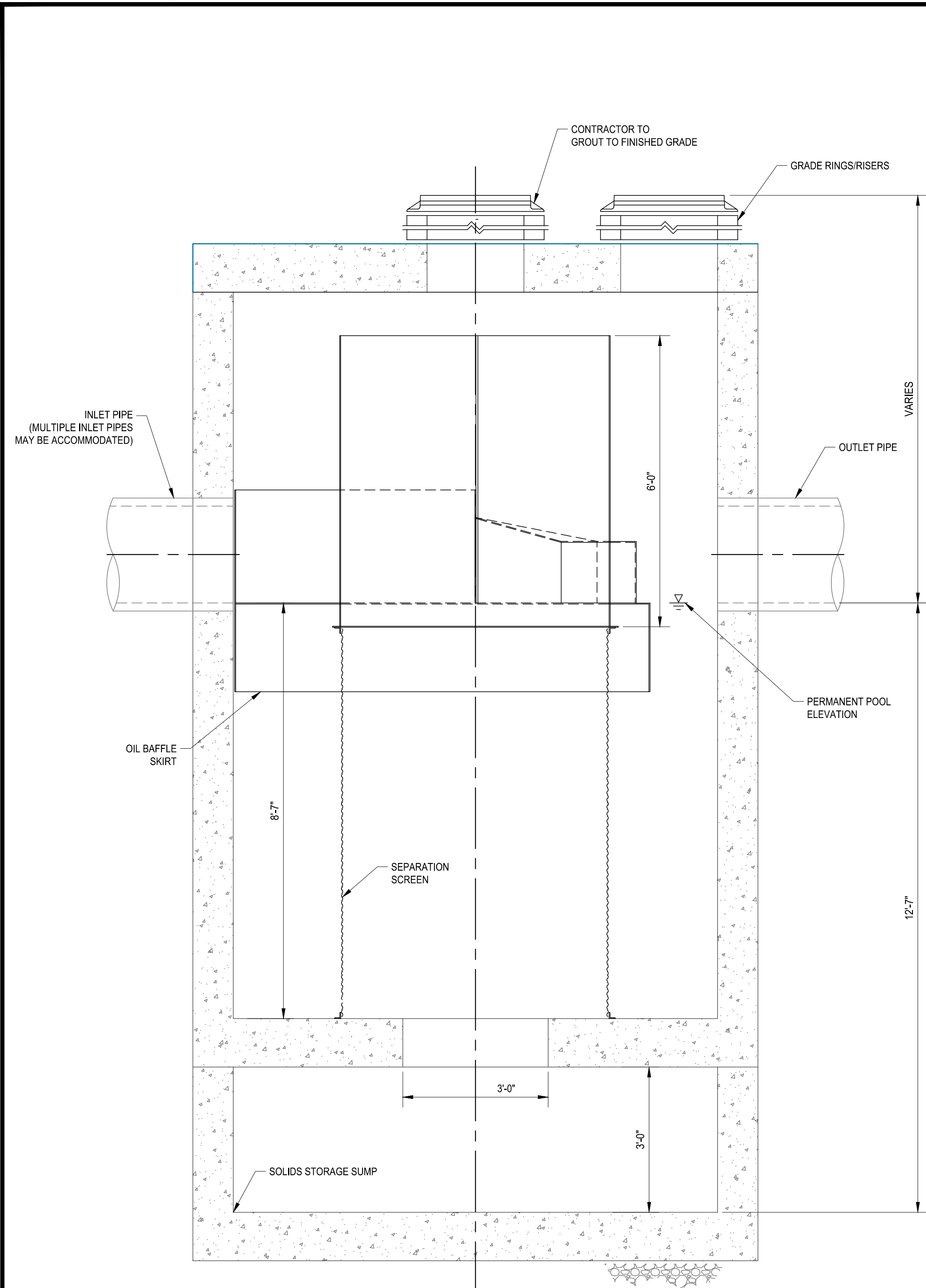


SECTION B-B

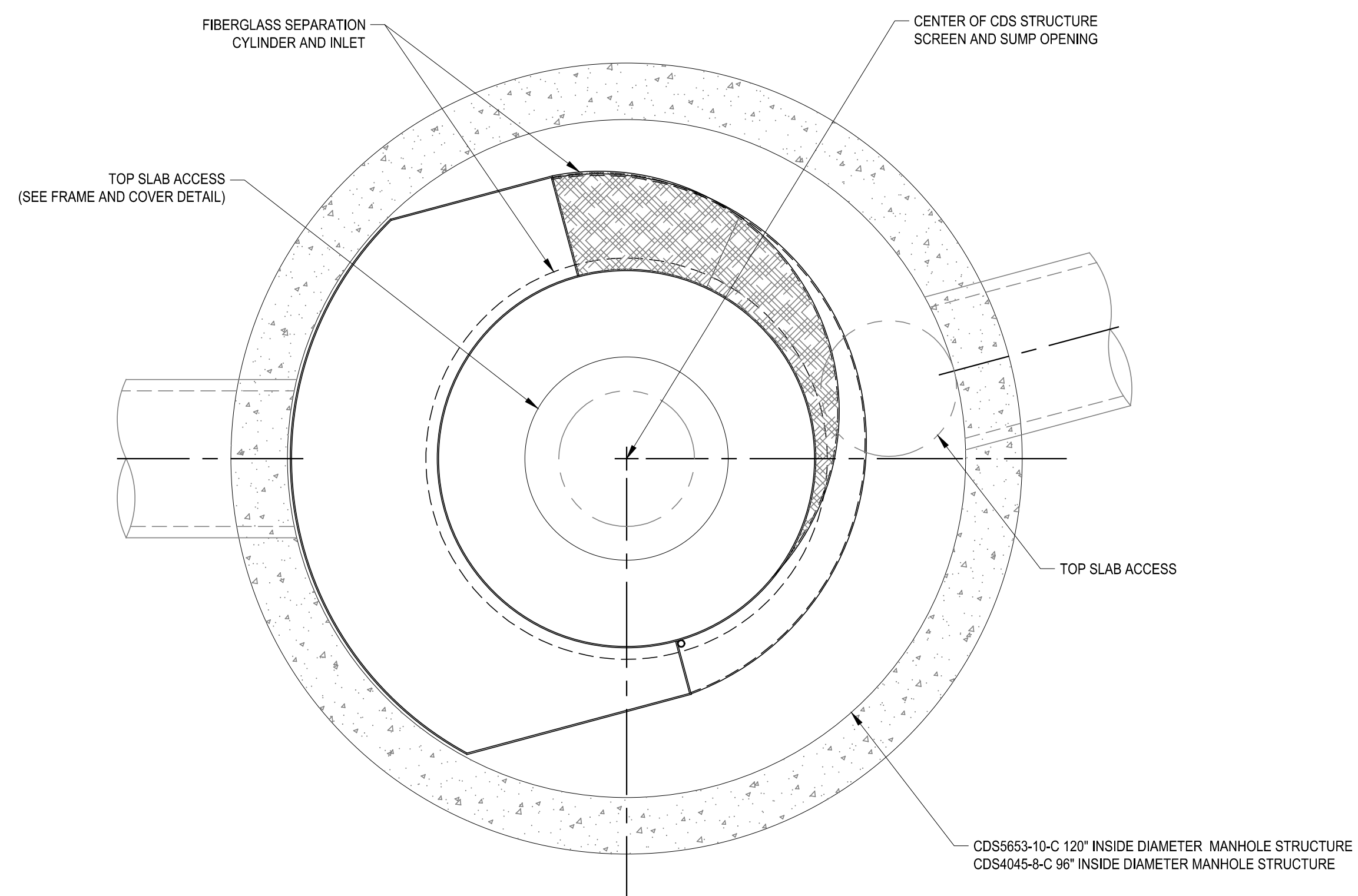
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<p align="center">GEDEON GRC CONSULTING ENGINEERS • PLANNERS • CONSTRUCTION MANAGERS 6901 JERICHO TURNPIKE, SUITE 216 SYOSSET, N.Y. 11791</p>				<p align="center">Hazen</p>						<p>ACCOUNTABLE MANAGER JOSE NIEVES</p> <p>PROJECT MANAGER MARK DELBALZO, P.E.</p>		<p>*WARNING-IT IS A VIOLATION, OF THE NEW YORK STATE EDUCATION LAW, SECTION 7209.2, FOR ANY PERSON, UNLESS (S)HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT IN ANY WAY. IF ALTERED, THE ALTERING PERSON SHALL COMPLY WITH THE REQUIREMENTS OF NEW YORK EDUCATION, LAW, SECTION 7209.2.*</p>		<p align="center">NEW YORK CITY ENVIRONMENTAL PROTECTION BUREAU OF WATER SUPPLY 465 COLUMBUS AVENUE, SUITE 270 VALHALLA, NEW YORK 10595-1336 www.nyc.gov/dep</p>		<p align="center">BID SET</p> <p align="center">WATERFOWL MANAGEMENT PROGRAM BUILDING AND PAVING MOUNT PLEASANT, NEW YORK</p> <p align="center">DETAILS - 5</p>		<p align="center">IF SHEET IS LESS THAN 22" X 34" IT IS A REDUCED PRINT. SCALE ACCORDINGLY</p>		<p>DATE: JANUARY 2023 SCALE: N.T.S. SHEET NO: 23 OF No. 80 DRAWING NO. C1-118</p>	
NO.	DATE	REVISIONS/DESCRIPTION	APPR'D																		

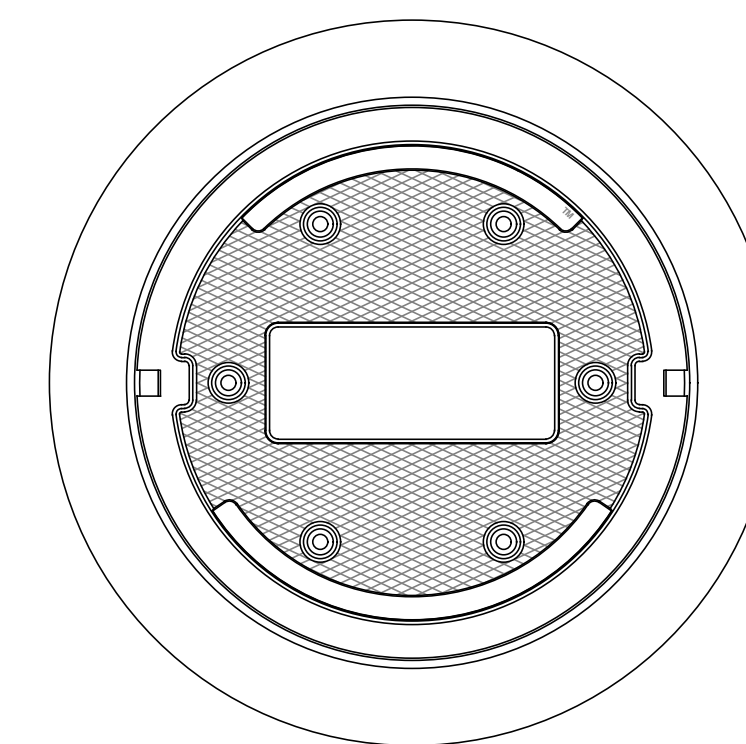
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ELEVATION



PLAN



FRAME AND COVER

A CDS STORMWATER TREATMENT MANHOLE
- NOT TO SCALE

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SYOSSET, N.Y. 11791

DESIGNED BY: J. CAUSARANO	DRAWN BY: C. DEBONA
CHECKED BY: J. LAPADULA	DESIGN LEAD: R. GEDEON

Hazen



ACCOUNTABLE MANAGER
JOSE NIEVES
PROJECT MANAGER
MARK DELBALZO, P.E.

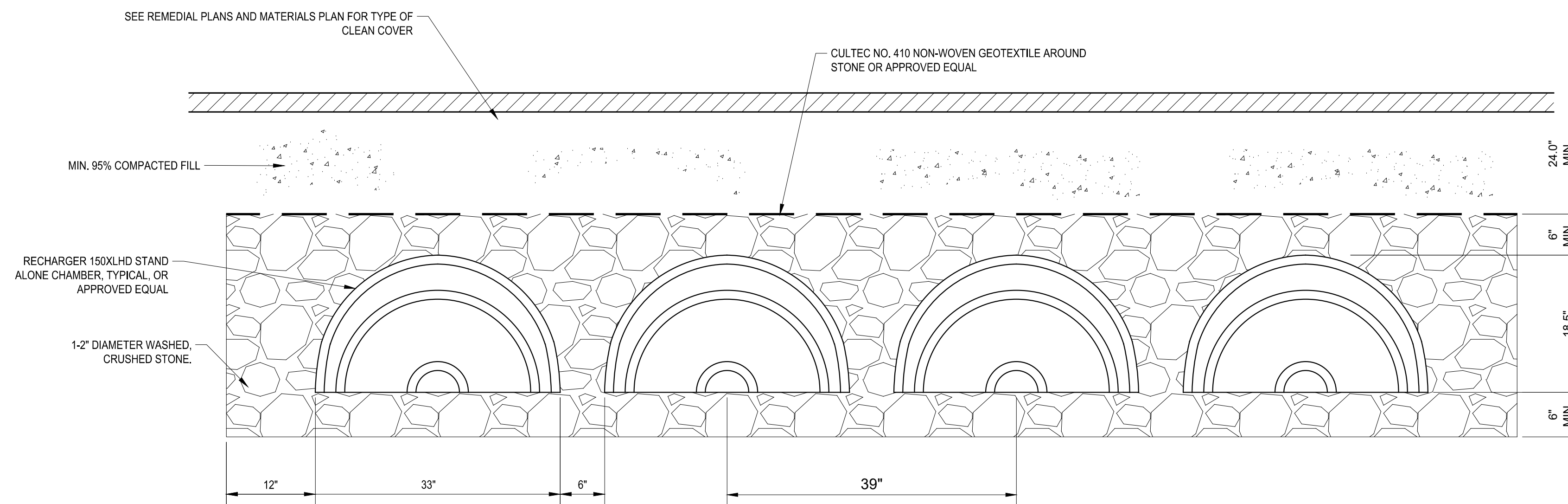
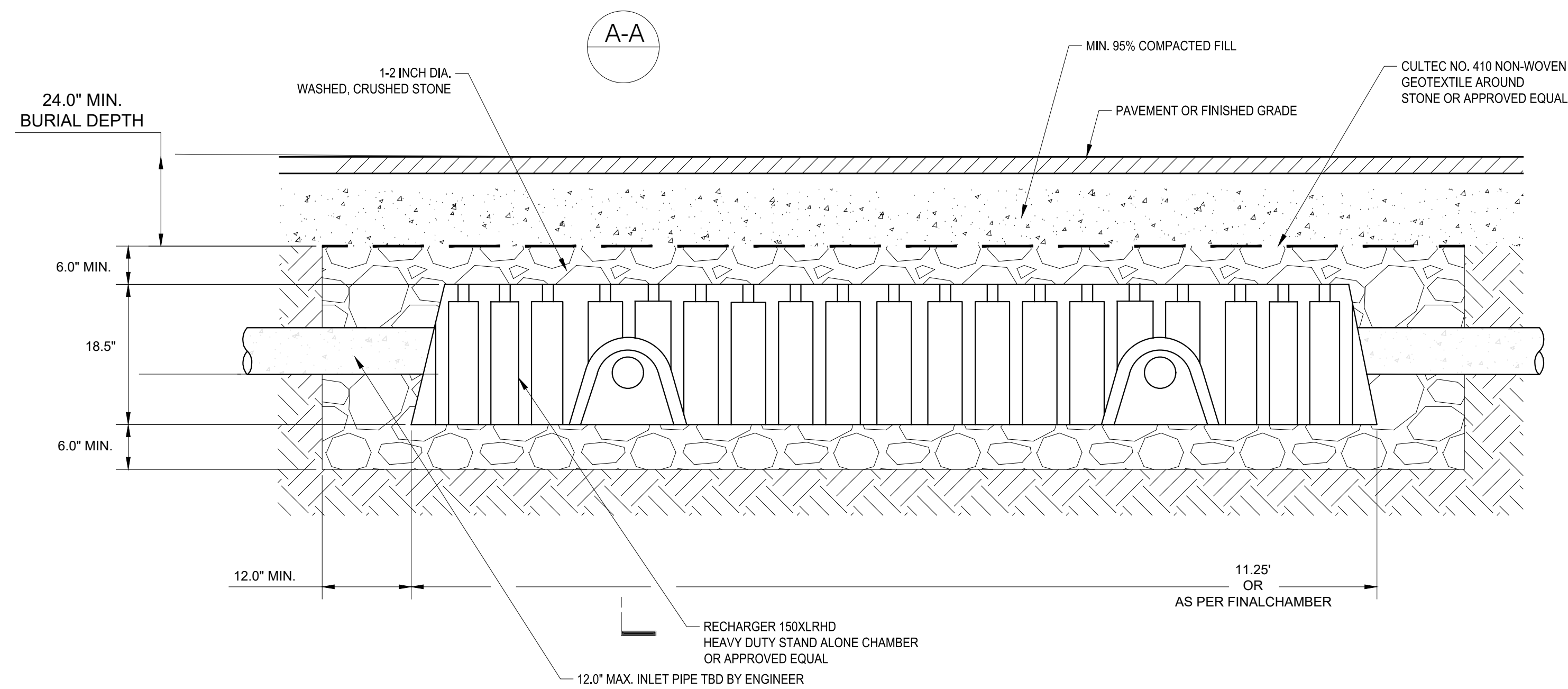
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WATERFOWL MANAGEMENT PROGRAM BUILDING AND PAVING
MOUNT PLEASANT, NEW YORK

DETAILS - 6



SECTION A-A

A STORMWATER CHAMBERS
- NOT TO SCALE

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SYOSSET, N.Y. 11791

DESIGNED BY:
J. CAUSARANO
CHECKED BY:
J. LAPADULA

DRAWN BY:
C. DEBONA
DESIGN LEAD:
R. GEDEON

Hazen



ACCOUNTABLE MANAGER
JOSE NIEVES
PROJECT MANAGER
MARK DELBALZO, P.E.

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SCALE ACCORDINGLY

WATERFOWL MANAGEMENT PROGRAM BUILDING
AND PAVING
MOUNT PLEASANT, NEW YORK

DETAILS - 7

DATE: JANUARY 2023

SCALE: N.T.S

SHEET NO:

25 OF No. 80

DRAWING NO.

C1-120

NOTES:

1. THE CONTRACTOR SHALL TAKE CARE TO AVOID DAMAGE TO EXISTING PAVEMENT, TREES, VEGETATION, STRUCTURES, AND UTILITIES THAT ARE NOT INDICATED TO BE DEMOLISHED OR REMOVED. ANY DAMAGE TO EXISTING PAVEMENT, TREES, VEGETATION, STRUCTURES, AND UTILITIES NOT INDICATED TO BE DEMOLISHED OR REMOVED SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE. ANY TREES DAMAGED BY THE CONTRACTOR NOT SCHEDULED TO BE REMOVED SHALL BE REPLACED IN KIND WITH TREE OR TREES OF EQUAL CALIPER AND VARIETY.
2. ANY AREA OUTSIDE THE LIMITS OF DISTURBANCE IS NOT TO BE AFFECTED BY THE CONTRACT WITHOUT PRE-APPROVAL FROM THE ENGINEER. ANY AREA AFFECTED BY THE CONTRACTOR SHALL BE RESTORED AS PER THE DIRECTION OF THE ENGINEER AT THE CONTRACTOR'S EXPENSE.
3. THE CONTRACTOR SHALL NOT DRIVE ANY VEHICLE OR STORE ANY MATERIALS WITHIN THE DRIPLINE OF ANY EXISTING TREE OR SHRUB TO BE RETAINED. FURTHERMORE, ALL SOFTSCAPE AREAS WITHIN THE WORK LIMITS SHALL BE PROTECTED FROM COMPACTION. CORRECTIVE DECOMPACTION MEASURES SHALL BE TAKEN IN THE CASE OF ANY COMPACTION AT THE DIRECTION OF THE ENGINEER AND AT THE CONTRACTOR'S EXPENSE. ANY DAMAGE TO EXISTING TREES OR VEGETATION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE. TREE PROTECTION SHALL BE IN ACCORDANCE WITH SPECIFICATION 02230 - SITE CLEARING AND TREE PROTECTION DETAIL ON DWG L1-302.
4. REFER TO DWG L1-100 FOR LANDSCAPE PLAN.
5. REFER TO DWG L1-301 FOR LANDSCAPE DETAILS.
6. REFER TO DWG L1-302 FOR LANDSCAPE SCHEDULE, NO MOW LAWN SEED MIX, AND LANDSCAPE DETAILS.
7. UNLESS INDICATED OTHERWISE ON THE DRAWINGS ALL AREAS DISTURBED BY CONSTRUCTION ACTIVITIES SHALL BE SEEDED WITH GRASS SEED FOR LAWN AREAS AS INDICATED IN SPECIFICATION 02910 PLANTING.
8. NO HERBICIDES SHALL BE ALLOWED EXCEPT WHERE APPROVED IN ADVANCE BY LANDSCAPE ARCHITECT IN ADVANCE IN WRITING.

SEEDING:

1. ALL SCHEDULE, SUBMITTAL, PRODUCTS AND METHODS FOR SEEDING OPERATIONS SHALL BE IN ACCORDANCE WITH SPECIFICATION 02910 PLANTING AND SEED SCHEDULE ON DRAWINGS.
2. ALL SEED SHALL BE INTERAGENCY CERTIFIED UNDER THE AUSPICES OF A STATE SEED IMPROVEMENT COOPERATIVE AND SHALL BEAR THEIR SEALS OF CERTIFICATION ON EACH BAG. PERMANENT SEED SHALL BE 75% PURE LIVE SEED MINIMUM.
3. SEED BROUGHT TO THE PROJECT SITE SHALL BE IN UNOPENED BAGS SHOWING THE NET WEIGHT, COMPOSITION OF MIX, SUPPLIERS NAME AND GUARANTEE OF ANALYSIS. SEED SHALL BE STORED IN ORIGINAL UNOPENED PACKAGES, KEPT DRY, AND NOT OPENED UNTIL NEEDED FOR USE. DAMAGED OR FAULTY PACKAGES SHALL NOT BE USED AND WILL BE REJECTED. SEED SHALL BE FRESH, RECLEANED SEED OF THE LATEST CROP AND BE IN CONFORMANCE WITH THE PLANTING SPECIFICATION. ALL SEED MATERIALS SHALL BE PROTECTED FROM DRYING OUT AND FROM WIND DAMAGE DURING DELIVERY. SEED MIX FOR NOW MOW LAWN SEED MIX SHALL AND RATE OF APPLICATION SHALL BE AS SPECIFIED ON DWG L1-302 NO MOW LAWN SEED MIX. GRASS SEED FOR LAWN AREAS SHALL BE MIX AND RATE AS INDICATED IN SPECIFICATION 02910 PLANTING.
4. ALL SEED MIXES AND PLANT SOURCES SHALL BE SUBMITTED IN ADVANCE FOR REVIEW AS NOTED IN SPECIFICATION 02910 PLANTING.
5. SEED MIXTURE SHALL BE INSPECTED BY THE ENGINEER UPON ARRIVAL AT THE JOB SITE AND PRIOR TO INSTALLATION. ANY MATERIALS NOT IN COMPLIANCE WITH THE PLANTING SPECIFICATION WILL NOT BE ACCEPTED AND SHALL BE REMOVED FROM THE JOB SITE IMMEDIATELY.
6. SEEDBED PREPARATIONS AND SEEDING SHALL BE AS STATED IN THE SPECIFICATION 02910 PLANTING.
7. DO NOT BROADCAST SEED BY MECHANICAL APPLICATION WHEN THE WIND VELOCITY IS SUCH TO PREVENT UNIFORM SEED DISTRIBUTION.
8. ALL SEEDED AREAS SHALL BE COVERED WITH ECS-1B SINGLE NET STRAW BIODEGRADABLE ROLLED EROSION CONTROL PRODUCT AS PER PLANTING SPECIFICATION AND EROSION CONTROL MATTING DETAIL, DWG L1-302.
9. SEEDED AREAS SHALL BE WATERED AT A MINIMUM OF ONCE PER WEEK UNTIL SEED HAS GERMINATED AND BECOME ESTABLISHED.
10. ACCEPTABLE SEEDING ESTABLISHMENT WILL BE 85% COVERAGE OF THE OPEN AREA WITH THE SEEDED SPECIES. ANY AREA NOT MEETING THIS REQUIREMENT SHALL BE RESEDED WITH THE ORIGINAL SEED MIX.

PLANTING:

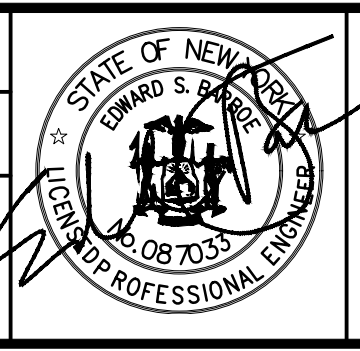
1. ALL PLANTINGS SHALL BE IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS. IN THE EVENT THE ACTUAL LIMITS OF SITE CLEARING AND STAGING AREAS DIFFER FROM THOSE SHOWN IN THE PLANS, THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR PLANTINGS IN CONFORMANCE WITH THE SPECIFICATIONS, SHOP DRAWINGS FOR REVISED PLANTINGS SHALL BE SUBMITTED A MINIMUM OF 90 DAYS IN ADVANCE OF THE PLANTING SEASON WHEN PLANTING IS SCHEDULED TO OCCUR.
2. ALL PLANTS SHALL BE CERTIFIED AND INSPECTED FREE OF ALL FUNGUS, GRUBS AND INSECTS THAT MAY HAVE DELETERIOUS EFFECT ON THE SURROUNDING FAUNA AND FLORA. ALL PLANT MATERIAL TO BE VIGOROUS, FREE OF INJURY OR DEFECTS. ALL PLANT MATERIAL SHALL BE STOCK FROM AN APPROVED NURSERY AS PER THE SPECIFICATION.
3. ALL B&B MATERIAL IS TO HAVE BALL/PLANT SIZE RELATIONSHIP AS SPECIFIED BY THE AMERICAN NURSERY AND LANDSCAPE ASSOCIATION, ANSI Z60.1 LATEST EDITION.
4. ALL SHRUB BEDS, UNLESS OTHERWISE NOTED, SHALL BE MULCHED AS SPECIFIED IN SPECIFICATION 02910 PLANTING AND IN DRAWINGS.
5. NO SUBSTITUTIONS WILL BE ACCEPTED UNLESS AUTHORIZED IN WRITING BY THE LANDSCAPE ARCHITECT.
6. ALL TREES TO BE PLANTED 5'-0" MIN FROM ALL DRAINAGE STRUCTURE, DRAINAGE LINES AND ALL UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING LOCATION OF DRAINAGE STRUCTURES ON SITE.
7. THE CONTRACTOR SHALL EXCAVATE AS NEEDED AND PROVIDE TOPSOIL TO ACHIEVE FINISHED GRADES IN ALL AREAS TO BE SEEDED OR OTHERWISE PLANTED. TOPSOIL SHALL BE SIX (6) INCHES MINIMUM IN SEEDED AREAS FOR ALL SEEDED AREAS AND DEEPER AS SPECIFIED FOR SHRUB AND TREES AS PER DETAILS.
8. THE ENGINEER MAY REJECT ANY MATERIAL NOT IN CONFORMANCE WITH THE PLANTING SCHEDULES AND THE PLANTING SPECIFICATION REQUIREMENTS.
9. THE CONTRACTOR SHALL EXCAVATE AS NEEDED AND PROVIDE TOPSOIL TO ACHIEVE FINISHED GRADES IN ALL AREAS TO BE SEEDED OR OTHERWISE PLANTED. TOPSOIL SHALL BE 6" MINIMUM IN SEEDED AREAS.
10. FERTILIZER SHALL BE APPLIED IN ACCORDANCE WITH SPECIFICATION 02910 PLANTING. FERTILIZER DELIVERED TO THE SITE SHALL BE IN ORIGINAL, UNOPENED CONTAINERS BEARING THE MANUFACTURER'S CHEMICAL ANALYSIS AND ESSENTIAL INFORMATION. FERTILIZER CONTAINERS SHALL BE PROTECTED FROM EXPOSURE TO PRECIPITATION AND DIRECT SUNLIGHT.
11. PLANTS SHALL BE INSTALLED IN "DRY" CONDITIONS AND NOT WHEN PLANTING LOCATIONS ARE WET OR FROZEN. PRIOR TO INSTALLATION, CONTRACTOR SHALL STAKE OUT AND RECEIVE APPROVAL FROM ENGINEER FOR LOCATIONS OF PLANTINGS.
12. INSTALL MULCH ACROSS ENTIRE PLANTING BEDS INCLUDING ALL AREAS OF TREE, SHRUB, ORNAMENTAL GRASS AND HERBACEOUS PLUG PLANTING AS PER PLANTING SPECIFICATION AND EACH ASSOCIATED PLANTING DETAIL ON DWG L1-302. NO MULCH SHALL BE APPLIED TO SEEDED AREAS.

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NO.	DATE	REVISIONS/DESCRIPTION	APPR'D

DESIGNED BY: E. MOSKALENKO, RLA	DRAWN BY: E. MOSKALENKO, RLA
CHECKED BY: K. WARD	DESIGN LEAD: E. BARBOE, PE



ACCOUNTABLE MANAGER JOSE NIEVES
PROJECT MANAGER MARK DELBALZO, P.E.

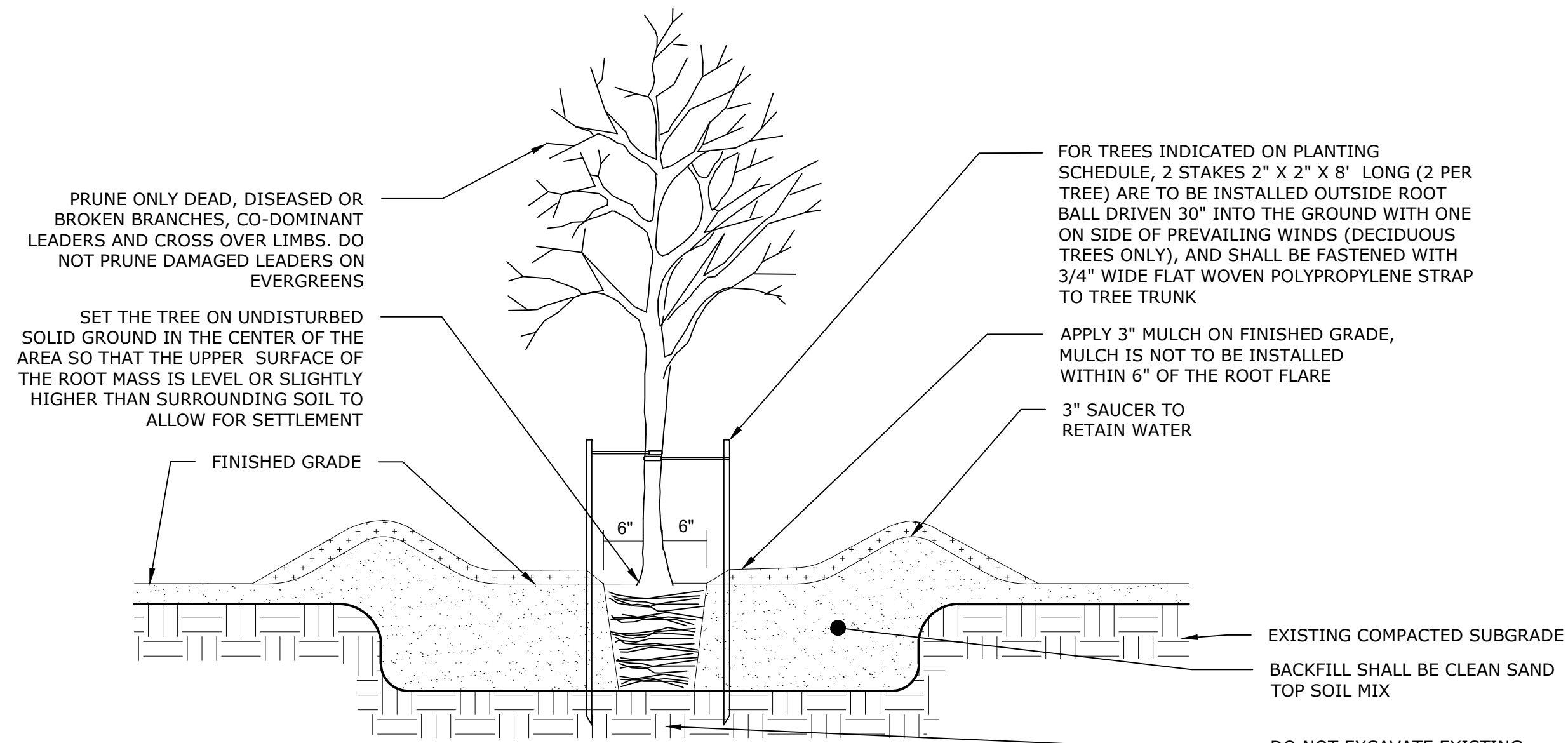
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WATERFOWL MANAGEMENT PROGRAM BUILDING
AND PAVING
MOUNT PLEASANT, NEW YORK

LANDSCAPE
GENERAL NOTES, SYMBOLS AND ABBREVIATIONS

DATE: JANUARY 2023
SCALE:
SHEET NO: 26 OF No. 80
DRAWING NO. L0-001

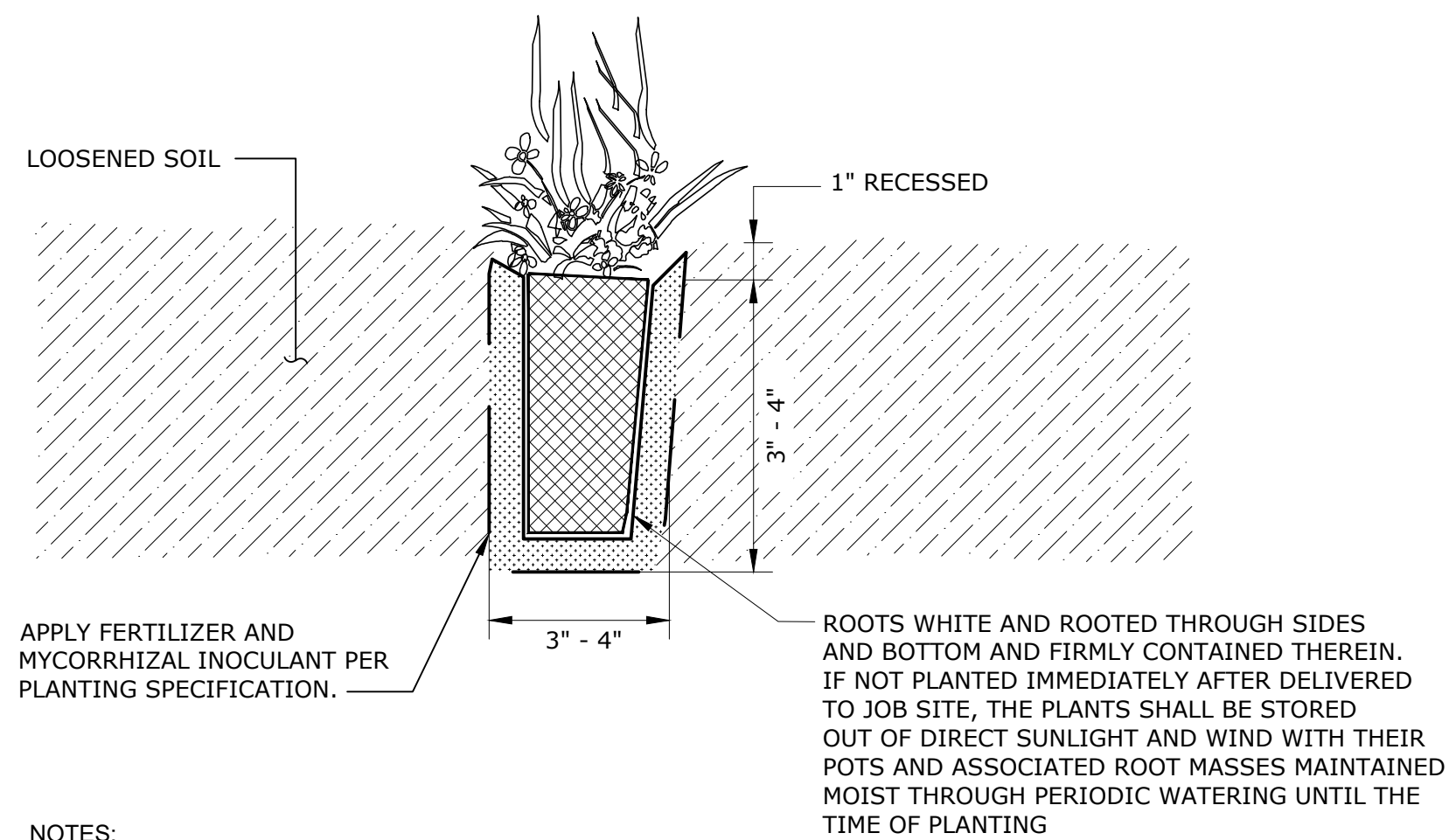


NOTES:

1. PRUNING, IF NECESSARY, SHALL BE DONE BY A CERTIFIED ARBORIST.
2. NOTIFY ENGINEER IF IMPERVIOUS OR UNACCEPTABLE NATIVE SOIL TO BE REMOVED IS ENCOUNTERED IN TREE PIT LOCATIONS.
3. ROTOTILL/CULTIVATE SOILS TO A DEPTH EQUAL TO THE DEPTH OF ROOT BALL AND TWO TIMES THE DIAMETER OF THE ROOT BALL.
4. APPLY FERTILIZER AND MYCORRHIZAL INOCULANT PER PLANTING SPECIFICATION. TAMP SOIL IN 6" LAYERS AROUND ROOT BALL AND WATER THOROUGHLY AFTER PLANTING. WATER THOROUGHLY AFTER EXCAVATION AND AFTER PLANT INSTALLATION.
5. COMPLETELY UNWRAP OR CUT GIRDLING ROOTS. DO NOT DAMAGE MAIN ROOTS OR ROOT BALL WHEN INSTALLING TREE.
6. FOR CONTAINER: REMOVE ROOT BALL FROM CONTAINER. LOOSEN POT- BOUND, SPIRALLY-GROWING AND GIRDLING ROOTS. FOR B&B: CUT TWINE AND REMOVE BURLAP AND WIRE BASKET.
7. REMOVE AND DISPOSE OF ALL NON-BIODEGRADABLES FROM PLANTING HOLES AND ROOT BALL.
8. REMOVE STAKES AFTER FIRST YEAR.

TYPICAL TREE PLANTING DETAIL

NTS

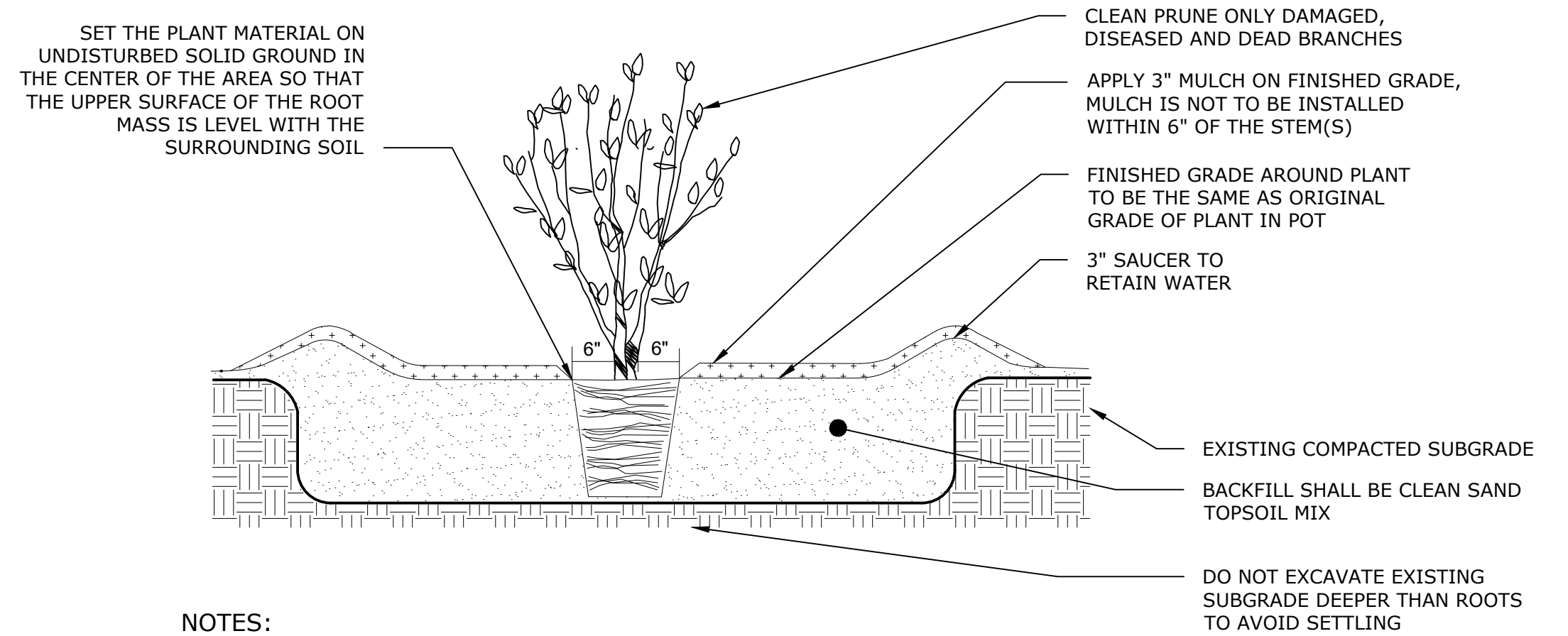


NOTES:

1. ALL PLASTIC WRAP SHALL BE REMOVED PRIOR TO PLANTING.
2. CAREFULLY FIRM PLUG INTO PLACE AFTER PLANTING BY LIGHTLY TAMPING.
3. INSTALL MULCH TO A DEPTH OF 3" ON TOP OF FINISHED GRADE. MULCH SHALL NOT BE WITHIN 6" OF INSTALLED PLUG.

TYPICAL PLUG PLANTING DETAIL

NTS



NOTES:

1. PRUNING, IF NECESSARY, SHALL BE DONE BY A CERTIFIED ARBORIST.
2. ROTOTILL/CULTIVATE SOILS TO A DEPTH EQUAL TO THE DEPTH OF ROOT BALL AND TWO TIMES THE DIAMETER OF THE ROOT BALL.
3. APPLY FERTILIZER AND MYCORRHIZAL INOCULANT PER PLANTING SPECIFICATION. TAMP SOIL IN 6" LAYERS AROUND ROOT BALL AND WATER THOROUGHLY AFTER PLANTING. WATER THOROUGHLY AFTER EXCAVATION AND AFTER PLANT INSTALLATION.
4. CONTAINER: REMOVE ROOT BALL FROM CONTAINER. LOOSEN POT- BOUND, SPIRALLY-GROWING AND GIRDLING ROOTS. B&B: CAREFULLY REMOVE TOP 1/3 OF BURLAP. CUT SEVERAL SLITS IN BURLAP TO FACILITATE ROOT PENETRATION
5. REMOVE AND DISPOSE OF ALL NON-BIODEGRADABLES FROM PLANTING HOLES AND ROOT BALL.

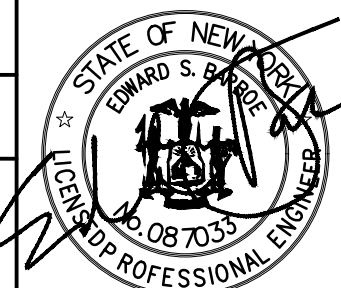
TYPICAL HERBACEOUS/GRASS/SHRUB PLANTING DETAIL

NTS

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NO.	DATE	REVISIONS/DESCRIPTION	APPR'D

DESIGNED BY: E. MOSKALENKO, RLA	DRAWN BY: E. MOSKALENKO, RLA
CHECKED BY: K. WARD	DESIGN LEAD: E. BARBOE, PE



ACCOUNTABLE MANAGER JOSE NIEVES
PROJECT MANAGER MARK DELBALZO, P.E.

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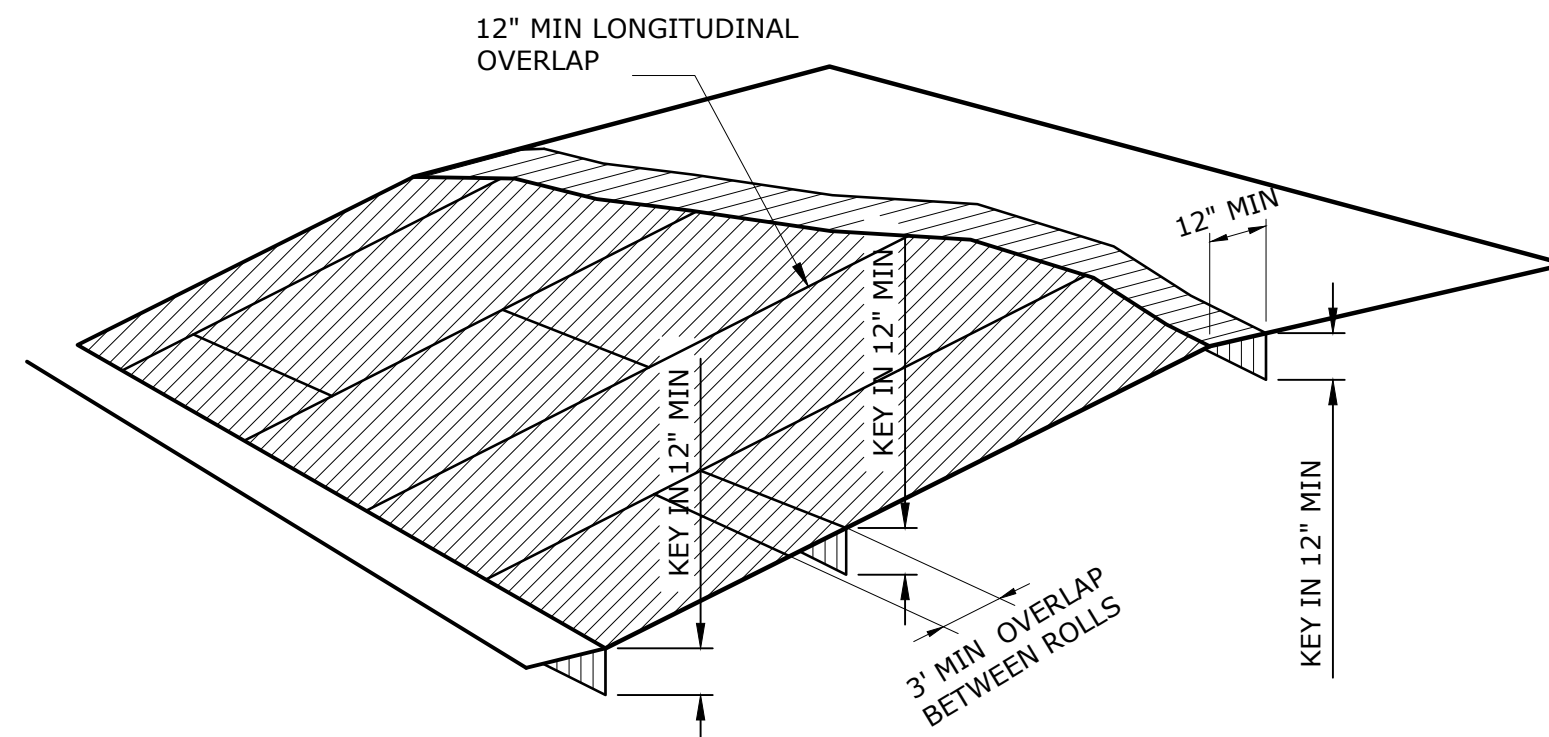
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VALHALLA, NEW YORK 10595-1336
www.nyc.gov/dep

BID SET	IF SHEET IS LESS THAN 22" X 34" IT IS A REDUCED PRINT. SCALE ACCORDINGLY
WATERFOWL MANAGEMENT PROGRAM BUILDING AND PAVING MOUNT PLEASANT, NEW YORK LANDSCAPE DETAILS SHEET 1	
DATE: JANUARY 2023	SCALE:
SHEET NO: 28 OF No. 80	DRAWING NO. L1-301

PLANTING SCHEDULE							
NO.	SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE	FORM	SPACING	REMARKS
Herbaceous Plants							
122	AT	<i>Amsonia taberaemontana</i>	blue star	#1	cont	2.5' O.C.	
197	EP	<i>Echinacea purpurea</i>	purple coneflower	DP50	plug	1.0' O.C.	
94	SN	<i>Symphotrichum novi-belgii</i> 'Raydon's Favorite'	Raydon's Favorite New York aster	#1	cont	2.0' O.C.	
Grasses							
191	SH	<i>Sporobolus heterolepis</i> 'Tara'	Tara prairie dropseed	#1	cont	1.5' O.C.	
213	SS	<i>Schizachyrium scoparium</i> 'Standing Ovation'	Standing Ovation little bluestem	#1	cont	1.5' O.C.	
Shrubs							
87	VD	<i>Viburnum dentatum</i> 'Little Joe'	Little Joe arrowwood	#5	cont	3.5' O.C.	
Canopy Trees							
5	AS	<i>Liquidambar styraciflua</i>	American sweetgum	2.5-3" cal	B&B	As shown	
5	QM	<i>Quercus montana</i>	chestnut oak	2.5-3" cal	B&B	As shown	

NO MOW LAWN SEED MIX		
BOTANICAL NAME	COMMON NAME	PERCENTAGE
<i>Festuca rubra</i>	creeping red fescue var. rubra	40
<i>Festuca brevipila</i> var. Beacon	hard fescue var. Beacon	15
<i>Festuca brevipila</i> var. Harpoon	hard fescue var. Harpoon	15
<i>Festuca ovina</i>	sheep fescue	10
<i>Festuca rubra</i> subsp. Fallax	chewings fescue	10
<i>Festuca rubra</i>	red fescue	10

Seed mix to be applied at a rate of 220 lbs/acre = 1.5 lbs of PLS.



NOTES:

1. EROSION CONTROL MATTING BE INSTALLED AS SHOWN ON PLANS FOR ALL SEEDED AREAS AND FOR SLOPES 3:1 AND GREATER.
2. BEGIN AT TOP OF SLOPE AND/OR UPSTREAM AND ANCHOR FIBER MATTING IN A 12 INCH DEEP INITIAL ANCHOR TRENCH. BACKFILL TRENCH AND TAMP EARTH FIRMLY.
3. UNROLL FIBER MATTING DOWNSLOPE IN THE DIRECTION OF WATER FLOW.
4. OVERLAP EDGES OF ADJACENT PARALLEL ROLLS A MINIMUM 12 INCHES AND ANCHOR AT 12 INCHES O.C.
5. WHEN MATTING MUST BE SPLICED, PLACE END OVER END (SHINGLE STYLE) WITH 12 INCH OVERLAP AND ANCHOR USING TWO STAGGERED ROWS OF STAKES AT 6 INCHES O.C.
6. LAY MATTING LOOSELY AND ANCHOR SUFFICIENTLY TO MAINTAIN DIRECT CONTACT WITH THE SOIL. DO NOT STRETCH. FOR SLOPES 2:1 AND STEEPER, USE A MINIMUM 3 STAKES PER SQUARE YARD AND FOR SLOPES FLATTER THAN 2:1, USE A MINIMUM OF 2 STAKES PER SQUARE YARD.
7. ANCHOR, FILL, AND COMPACT END OF MATTING IN A 12X6 INCH TERMINAL ANCHOR TRENCH (MIRROR IMAGE OF EXISTING TRENCH).

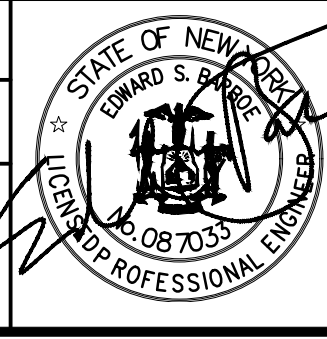
EROSION CONTROL MATTING DETAIL

NTS

BID SET	IF SHEET IS LESS THAN 22" X 34" IT IS A REDUCED PRINT. SCALE ACCORDINGLY
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NO.	DATE	REVISIONS/DESCRIPTION	APPR'D

DESIGNED BY: E. MOSKALENKO, RLA	DRAWN BY: E. MOSKALENKO, RLA
CHECKED BY: K. WARD	DESIGN LEAD: E. BARBOE, PE



ACCOUNTABLE MANAGER JOSE NIEVES
PROJECT MANAGER MARK DELBALZO, P.E.

WARNING-IT IS A VIOLATION, OF THE NEW YORK STATE EDUCATION LAW, SECTION 7209.2, FOR ANY PERSON, UNLESS (S)HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT IN ANY WAY. IF ALTERED, THE ALTERING PERSON SHALL COMPLY WITH THE REQUIREMENTS OF NEW YORK EDUCATION, LAW, SECTION 7209.2.

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WATERFOWL MANAGEMENT PROGRAM BUILDING
AND PAVING
MOUNT PLEASANT, NEW YORK

LANDSCAPE
DETAILS SHEET 2

DATE: JANUARY 2023
SCALE:
SHEET NO: 29 OF No. 80
DRAWING NO. L1-302

GENERAL STRUCTURAL NOTES

- G-1 THESE NOTES ARE GENERAL AND SUPPLEMENT THE SPECIFICATIONS. THESE NOTES APPLY TO THE ENTIRE PROJECT UNLESS MODIFIED OR NOTED OTHERWISE IN THE CONTRACT DOCUMENTS.
- G-2 STANDARD DETAILS SHALL BE USED WHEN REFERRED TO OR WHEN NO MORE RESTRICTIVE OR DIFFERENT DETAILS ARE SHOWN ON THE DRAWINGS.
- G-3 DESIGN IS IN ACCORDANCE WITH AND CONSTRUCTION SHALL COMPLY WITH THE PROVISIONS OF THE NEW YORK STATE UNIFORM FIRE PREVENTION AND BUILDING CODE. THE DESIGN LOADS AND OTHER DESIGN VALUES GIVEN IN NOTES G-4 THROUGH G-7 WERE USED FOR DESIGN OF STRUCTURES UNLESS NOTED OTHERWISE ON THE DRAWINGS.

G-4 LIVE LOADS:

STRUCTURE	LEVEL	ROOF	BOTTOM / GROUND FLOOR
WATERFOWL BUILDING		20 PSF	150 PSF/H20

-ALL STAIRWAYS, LANDINGS AND PLATFORMS ARE DESIGNED FOR A LIVE LOAD = 100 PSF UNLESS NOTED OTHERWISE.

- G-5 SNOW LOAD:
GROUND SNOW LOAD (Pg) = 30 PSF
FLAT-ROOF SNOW LOAD (P_f) = 18.5 PSF
SNOW EXPOSURE FACTOR (Ce) = 0.8
SNOW LOAD IMPORTANCE FACTOR (Is) = 1.0
THERMAL FACTOR (Ct) = 1.0
ADDITIONAL LOAD DUE TO DRIFTS AND SLIDING

- G-6 WIND DESIGN CRITERIA:
ULTIMATE DESIGN WIND SPEED (V_{ult}) = 115 MPH
RISK CATEGORY = II
WIND EXPOSURE = D

PARAMETER	PRESSURE COEFFICIENT T Gcpi	WIND DESIGN PRESSURE	COMPONENTS AND CLADDING	LATERAL LOAD RESISTING SYSTEM
WATERFOWL BUILDING	± 0.55	40 PSF	50 PSF	STEEL MOMENT AND BRACED FRAME

- G-7 SEISMIC LOAD:
RISK CATEGORY = II
SEISMIC IMPORTANCE FACTOR (Ie) = 1.0
SITE CLASS = D
MAPPED SPECTRAL RESPONSE ACCELERATIONS (S_s/S₁) = 0.268/0.072
SPECTRAL RESPONSE ACCELERATIONS (S_{MS}/S_{M1}) = 0.425/0.172
SPECTRAL RESPONSE COEFFICIENTS (SDS/SD1) = 0.283/0.115
SEISMIC DESIGN CATEGORY = B

PARAMETER	BASIC STRUCTURAL SYSTEM	DESIGN BASE SHEAR	SEISMIC RESPONSE COEFFICIENT Cs	RESPONSE MODIFICATION COEFFICIENT R	ANALYSIS PROCEDURE
WATERFOWL BUILDING	STEEL MOMENT FRAME	25 K	0.1	3	EQUIVALENT LATERAL FORCE

- G-8 ALL DIMENSIONS INDICATED FOR EXISTING STRUCTURES SHALL BE VERIFIED BY FIELD MEASUREMENT. ALL DIMENSIONS THAT ARE CONTROLLED BY OR RELATED TO EQUIPMENT SHALL BE VERIFIED BY THE CONTRACTOR WITH THE MANUFACTURER SHOP DRAWINGS PRIOR TO CONSTRUCTION.
- G-9 THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL EXISTING INFORMATION IN THE FIELD AS REQUIRED FOR NEW WORK.
- G-10 IF A CONFLICT IS FOUND BETWEEN DIFFERENT PORTIONS OF THE CONTRACT DOCUMENTS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY. CONTINUED CONSTRUCTION OF THE AREA IN CONFLICT SHALL BE AT THE CONTRACTOR'S OWN RISK UNTIL THE CONFLICT IS RESOLVED.
- G-11 EQUIPMENT ANCHOR BOLT SIZES, TYPES, EMBEDMENT AND PATTERNS SHALL BE VERIFIED WITH THE MANUFACTURER. ALL BOLT PATTERNS SHALL BE TEMPLATED TO ENSURE ACCURACY OF PLACEMENT.
- G-12 STRUCTURAL DRAWINGS SHALL BE USED IN COORDINATION WITH THE DRAWINGS OF ALL OTHER DISCIPLINES AND MANUFACTURER'S SHOP DRAWINGS.
- G-13 STRUCTURES HAVE BEEN DESIGNED FOR OPERATIONAL LOADS ON THE COMPLETED STRUCTURE. DURING CONSTRUCTION, THE STRUCTURES SHALL BE PROTECTED BY BRACING AND TEMPORARY SUPPORTS WHEREVER EXCESSIVE CONSTRUCTION LOADS MAY OCCUR. OVERSTRESSING OF ANY STRUCTURAL ELEMENT IS PROHIBITED.
- G-14 IF CONTRACTOR DESIRES TO TEMPORARILY PLACE OR MOVE LOADS ON OR ADJACENT TO EXISTING STRUCTURES OR UTILITIES DURING CONSTRUCTION PROCESS, CONTRACTOR IS EXCLUSIVELY RESPONSIBLE FOR MAINTAINING STRUCTURAL INTEGRITY AND AVOIDING OVERSTRESSING AND DAMAGING EXISTING STRUCTURES AND UTILITIES. CONTRACTOR SHALL SUBMIT STRUCTURAL CALCULATIONS AND DRAWINGS VERIFYING PROPOSED CONSTRUCTION INCLUDING APPLICATION OF TEMPORARY CONSTRUCTION LOADS WILL NOT OVERSTRESS OR DAMAGE EXISTING STRUCTURES AND UTILITIES. DRAWINGS AND CALCULATIONS SHALL BE SEALED BY A PROFESSIONAL ENGINEER CURRENTLY REGISTERED IN THE STATE OF NEW YORK.

CONCRETE (CAST-IN-PLACE)

- C-1 DESIGN OF CONCRETE ELEMENTS INCLUDING WALLS, FORMED SLABS, BEAMS, AND COLUMNS IS IN ACCORDANCE WITH ACI 318 (CODE REQUIREMENTS FOR STRUCTURAL CONCRETE).
- C-2 FOR CONCRETE MIX DESIGN SEE SPECIFICATION SECTION 03300.
- C-3 CONCRETE STRENGTH CLASSES (28-DAY COMPRESSIVE STRENGTH):
A. CLASS 25 - USE FOR LEAN CONCRETE.
B. CLASS B-32 - USE NYCDOT SPECIFICATION SIDEWALKS, HEADERS AND CURB.
C. CLASS 45 - USE FOR ALL CONCRETE UNLESS INDICATED OTHERWISE.
- C-4 ALL BAR REINFORCING SHALL CONFORM TO ASTM A615, GRADE 60. WHERE REINFORCEMENT IS TO BE WELDED IN ACCORDANCE WITH AWS D1.4, ASTM A706 GRADE 60 SHALL BE USED. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185.
- C-5 CONCRETE COVER FOR REINFORCING (UNLESS NOTED OTHERWISE ON THE DRAWINGS):
A. CONCRETE DEPOSITED DIRECTLY AGAINST SOIL: 3"
B. CONCRETE EXPOSED TO WEATHER (#5 OR SMALLER): 1 1/2"
C. CONCRETE EXPOSED TO WEATHER (#6 OR LARGER): 2"
C. SLABS: 1 1/2"
D. AT SURFACES CONTACTING FLUID: 2"
E. BEAMS AND COLUMNS (TO MAIN REINFORCEMENT): 2"
F. BEAMS AND COLUMNS (TO COLUMN TIES OR STIRRUPS): 1 1/2"
G. WALLS 12" OR MORE: 2"
H. WALLS LESS THAN 12" (#5 OR SMALLER): 1 1/2"
I. WALLS LESS THAN 12" (#6 OR LARGER): 2"
F. FOR SURFACES EXPOSED TO FLUID IN BEAMS, COLUMNS AND WALLS: ADD 1/2" TO ABOVE VALUES
- C-6 SPLICES SHALL BE CLASS "B" CONFORMING TO THE PROVISIONS OF ACI 318 UNLESS NOTED OTHERWISE. SPLICE LENGTH FOR TWO DIFFERENT SIZED BARS TO BE LAP SPLICED TOGETHER SHALL BE THE LENGTH OF THE LARGER BAR UNLESS NOTED OTHERWISE.
- C-7 CONSTRUCTION JOINTS SHALL BE LOCATED AS SHOWN ON THE DRAWINGS. CONSTRUCTION JOINTS NOT SHOWN SHALL BE SUBMITTED BY THE CONTRACTOR FOR THE APPROVAL OF THE ENGINEER PRIOR TO SUBMITTING REBAR SHOP DRAWINGS. VERTICAL CONSTRUCTION JOINTS IN WALLS AND HORIZONTAL JOINTS IN SLABS SHALL BE PROVIDED AT A SPACING NOT GREATER THAN 45 FEET ON CENTER. FOR EXPOSED WALLS WITH FLUID OR EARTH ON THE OPPOSITE SIDE, THE SPACING BETWEEN VERTICAL AND HORIZONTAL JOINTS SHALL BE A MAXIMUM OF 25 FEET.
- C-8 WHERE HORIZONTAL CONSTRUCTION JOINTS, LOCATED ABOVE THE FOUNDATION SLAB, EXTEND BEYOND WHERE NEEDED, THEY SHALL BE TERMINATED AT A VERTICAL CONSTRUCTION JOINT APPROVED BY THE ENGINEER.
- C-9 ALL JOINTS WHICH ARE IN MEMBERS IN CONTACT WITH LIQUID OR BELOW GRADE SHALL HAVE A WATERSTOP. CONSTRUCTION JOINTS SHALL HAVE A 6" PVC RIBBED WATERSTOP. EXPANSION JOINTS SHALL HAVE A 9" PVC CENTER BULB RIBBED WATERSTOP. IN VERTICAL JOINTS, WATERSTOPS SHALL TERMINATE NO LESS THAN 18" ABOVE THE MAXIMUM WATER SURFACE OR 18" ABOVE GRADE, WHICHEVER IS HIGHER.
- C-10 ALL EXPOSED CORNERS SHALL HAVE A 3/4" CHAMFER OR A 1/2" RADIUS TOOLED CORNER.
- C-11 EQUIPMENT SUPPORTS, ANCHORAGES, OPENINGS, RECESSES AND REVEALS NOT SHOWN ON THE STRUCTURAL DRAWINGS BUT REQUIRED BY OTHER CONTRACT DOCUMENTS, SHALL BE PROVIDED FOR PRIOR TO PLACING CONCRETE.
- C-12 REINFORCING BARS AND ACCESSORIES SHALL NOT BE IN CONTACT WITH ANY METAL PIPE, PIPE FLANGE, METAL CONDUIT, OR OTHER METAL PARTS EMBEDDED IN CONCRETE. A MINIMUM CLEARANCE OF 2" SHALL BE PROVIDED.
- C-13 DOWELS, ANCHOR BOLTS, PIPES, WATERSTOPS AND OTHER EMBEDDED ITEMS SHALL BE HELD SECURELY IN POSITION WHILE CONCRETE IS BEING PLACED.
- C-14 CONDUITS AND OTHER SIMILAR ITEMS EMBEDDED IN OR PENETRATING THROUGH CONCRETE SHALL BE SPACED ON CENTER NOT LESS THAN 3 TIMES THEIR OUTSIDE DIMENSION, BUT NOT LESS THAN 2 1/2" CLEAR. WHEN SUCH ITEMS ARE EMBEDDED IN WALLS OR SLABS, THEY SHALL NOT OCCUPY MORE THAN 1/3 OF THE MEMBER THICKNESS.
- C-15 AT ALL TYPICAL CURBS, EQUIPMENT PADS, AND PIPE SUPPORT PIERS, REINFORCING DOWELS SHOWN MAY BE REPLACED WITH MATCHING DOWELS SET IN EPOXY IN DRILLED HOLES AS SPECIFIED. DOWELS LOCATED CLOSER THAN 3" FROM ANY EDGE OF CONCRETE SHALL NOT BE REPLACED WITH DRILLED DOWELS.
- C-16 DRILLED ADHESIVE DOWELS (WHERE DOWELS ARE SHOWN TO BE PLACED INTO HARDENED CONCRETE):
A. THE HOLE DIAMETER SHALL BE NO LARGER THAN 1/8" GREATER THAN THE DIAMETER OF THE REINFORCING BAR AT THE DEFORMATIONS.
B. THE DEPTH OF EMBEDMENT SHALL BE 12 BAR DIAMETERS, UNLESS NOTED OTHERWISE.
C. ADJUST THE DOWEL LOCATIONS AS NEEDED TO AVOID DRILLING THROUGH ANY REINFORCING BARS. IF THE LOCATION NEEDS TO BE MODIFIED, CONTACT THE ENGINEER. CONTRACTOR SHALL USE NON-DESTRUCTIVE MEANS TO FIELD LOCATE REINFORCEMENT PRIOR TO DRILLING HOLES FOR DOWELS.
- C-17 CLEAR DISTANCE FROM ANCHOR BOLTS TO ANY CONCRETE EDGE SHALL BE 4" MINIMUM UNLESS NOTED OTHERWISE.
- C-18 CONCRETE COMPRESSIVE STRENGTH TESTS SHALL BE AVAILABLE ON THE JOB SITE FOR REVIEW BY THE ENGINEER.
- C-19 ALL COMPONENTS INDICATED AS AESS SHALL COMPLY WITH THE INDICATED CATEGORY IN ACCORDANCE WITH AISC CODE OF STANDARD PRACTICE FOR STEEL BUILDING AND BRIDGES.

FOUNDATIONS

- F-1 CONCRETE (CAST-IN-PLACE) NOTES APPLY TO FOUNDATIONS.
- F-2 ALLOWABLE SOIL BEARING PRESSURE

PARAMETER	ALLOWABLE SOIL BEARING PRESSURE
WATERFOWL BUILDING	2000 PSF

- F-3 MINIMUM DEPTH FROM ADJACENT FINISHED GRADE TO BOTTOM OF FOUNDATION = 48 INCHES.

NONSTRUCTURAL COMPONENT ANCHORAGE

- A-1 ALL ARCHITECTURAL, MECHANICAL, AND ELECTRICAL COMPONENTS SHALL BE DESIGNED AND INSTALLED TO RESIST THE CONTROLLING CONDITION OF OPERATIONAL FORCES OR SEISMIC FORCES IN ACCORDANCE WITH THE GOVERNING BUILDING CODE. SEISMIC FORCES SHALL ALSO BE AS PER ASCE 7. COMPONENT SEISMIC ATTACHMENTS SHALL BE BOLTED, WELDED, OR OTHERWISE POSITIVELY FASTENED WITHOUT CONSIDERATION OF FRICTIONAL RESISTANCE PRODUCED BY THE EFFECTS OF GRAVITY. A CONTINUOUS LOAD PATH OF SUFFICIENT STRENGTH AND STIFFNESS BETWEEN THE COMPONENT AND THE SUPPORTING STRUCTURE SHALL BE PROVIDED. CONNECTIONS FOR BOTH ORTHOGONAL DIRECTIONS (TRANSVERSE AND LONGITUDINAL) SHALL BE DESIGNED BY THE CONTRACTOR'S ENGINEER CURRENTLY REGISTERED IN THE STATE OF NEW YORK.
- A-2 COMPONENT REACTION FORCES AT THE POINT OF ATTACHMENT TO THE STRUCTURE SHALL BE SUBMITTED TO AND COORDINATED WITH THE ENGINEER FOR CONFIRMATION SUPPORTING STRUCTURE CAN WITHSTAND REACTION FORCES.
- A-3 CONTRACTOR SHALL PROVIDE SPECIAL SEISMIC CERTIFICATION (SSC) FROM MANUFACTURER OF EQUIPMENT FOR ALL SYSTEMS DEEMED NECESSARY BY SPECIFICATIONS. SPECIAL SEISMIC CERTIFICATION SHALL BE IN COMPLIANCE WITH ASCE 7.

STRUCTURAL METALS

- M-1 DETAIL, FABRICATE, AND ERECT STRUCTURAL STEEL IN ACCORDANCE WITH ANSIAISC 360 SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS, LATEST EDITION.
- M-2 STEEL MATERIAL:
A. STRUCTURAL HSS: ASTM A500, GRADE C (46/50 KSI) OR A1085 GRADE A (50 KSI)
B. STRUCTURAL PIPE: ASTM A53, GRADE B (35 KSI)
C. PLATES, BARS AND ANGLES: ASTM A36 UNO (36 KSI)
D. STRUCTURAL W, C, & MC SHAPES: ASTM A992 (50 KSI)
E. STRUCTURAL M & S SHAPES: ASTM A36 (36 KSI)
F. STRUCTURAL HP: ASTM A572 GRADE 50 (50 KSI)
G. ANCHOR RODS: ASTM F1554 GRADE 36 (36 KSI)
- M-3 PROVIDE MINIMUM 3/4" DIAMETER ASTM F3125 GRADE A325 TYPE 1 OR GRADE F1852 TYPE 1 HIGH STRENGTH BOLTS WITH SNUG TIGHTENED TYPE N CONNECTIONS FOR STRUCTURAL STEEL UNLESS NOTED OTHERWISE. HOLES FOR BOLTS SHALL BE STANDARD SIZE UNLESS NOTED OTHERWISE.
- M-4 PROVIDE TYPICAL STEEL BEAM CONNECTIONS FOR A CAPACITY OF NOT LESS THAN THE TOTAL UNIFORM LOAD CAPACITY TABULATED IN THE AISC TABLES FOR ALLOWABLE LOADS OF BEAMS UNLESS NOTED OTHERWISE.
- M-5 DO NOT PAINT STEEL SURFACES WHICH ARE TO BE WELDED OR ARE TO BE ENCASED IN CONCRETE.
- M-6 ALL GROOVE AND BUTT WELDS SHALL BE FULL PENETRATION.
- M-7 FILLET WELD SIZES SHALL NOT BE LESS THAN THE MINIMUM SIZE REQUIRED BY AISC CODE FOR PLATE SIZES TO BE CONNECTED AND SHALL BE APPLIED TO THE ENTIRE JOINT CONTACT LENGTH, AND NOT LESS THAN 3/16".
- M-8 ALL WELDS SHALL BE PERFORMED IN THE SHOP UNLESS NOTED BY A FIELD WELD SYMBOL OR APPROVED BY THE ENGINEER.
- M-9 BOTTOM SURFACES OF BASE PLATES SHALL BE GROUTED TO ENSURE FULL BEARING CONTACT WITH CONCRETE SLAB.
- M-10 WHENEVER ONE MEMBER IS FASTENED TO ANOTHER WITH FASTENINGS (BOLTS, WELDS, ETC.) SET AT A UNIFORM SPACING, THERE SHALL BE A MINIMUM OF TWO FASTENINGS PER PIECE CONNECTED AND THE FIRST AND LAST FASTENINGS SHALL BE LOCATED NOT TO EXCEED 0.25 OF FASTENER SPACING FROM EACH END.
- M-11 GRATING PANELS SHALL BE CONFINED TO PREVENT MOVEMENT PER STANDARD DETAIL 0553004. SOLE USE OF GRATING CLIP ATTACHMENT IS NOT ACCEPTABLE TO PREVENT GRATING MOVEMENT.

ABBREVIATIONS

ADDL	ADDITIONAL	GALV	GALVANIZED	R	RADIUS/ RISER
ADH	ADHESIVE	GR	GRADE	REF	REFERENCE
AL	ALUMINUM			REINF	REINFORCING
ARCH	ARCHITECTURAL	H	HEIGHT	REQD	REQUIRED
AESS	ARCHITECTURALLY EXPOSED STRUCTURAL STEEL	HORZ	HORIZONTAL	S	SOUTH
		HPT	HIGH POINT	SECT	SECTION
		HSS	HOLLOW STRUCTURAL SECTION	SHT	SHEET
BLDG	BUILDING			SO	SQUARE
BOT	BOTTOM	IN	INCH	SST	STAINLESS STEEL
				STIR	STIRRUP
CL	CENTER LINE/CHLORINE	JT	JOINT	STL	STEEL
CLR	CLEAR			STR	STRUCTURAL
CMU	CONCRETE MASONRY UNIT	L	ANGLE	T	TREAD
COL	COLUMN	LB	POUND	T&B	TOP AND BOTTOM
CONC	CONCRETE	LF	LINEAR FEET	THK	THICKNESS
CONST	CONSTRUCTION	LG	LONG	TOC	TOP OF CONCRETE
CONT	CONTINUOUS	LL	LIVE LOAD	TOG	TOP OF GRATING
		LLH	LONG LEG HORIZONTAL	TOS	TOP OF STEEL
DET	DETAIL	LLV	LONG LEG VERTICAL	TOW	TOP OF WALL
DIA (Ø)	DIAMETER	LPT	LOW POINT	TYP	TYPICAL
DIM	DIMENSION	MAX	MAXIMUM	UNO	UNLESS NOTED OTHERWISE
DL	DEAD LOAD	MIN	MINIMUM	VERT	VERTICAL
DWG	DRAWING	MISC	MISCELLANEOUS		
DWL	DOWEL				
EA	EACH	N	NORTH		
EF	EACH FACE	NA	NOT APPLICABLE	W	WEST/ WIDTH
EL	ELEVATION	NTS	NOT TO SCALE	W/	WITH
ENGR	ENGINEER	NS	NEAR SIDE	WF	WIDE FLANGE
EQ	EQUAL			WT	WEIGHT
EQPT	EQUIPMENT	OC	ON CENTER	WP	WORK POINT
EW	EACH WAY	OPNG	OPENING		
EX	EXISTING	OPP	OPPOSITE		
EXP	EXPANSION				
EXT	EXTERIOR	PL	PROPERTY LINE/ PLATE		
		PSF	POUNDS PER SQUARE FOOT		
FD	FLOOR DRAIN				
FDN	FOUNDATION				
FT	FEET				
FTG	FOOTING/ FITTING				
FS	FAR SIDE				

BID SET

GRAPHIC SCALES CHECK BEFORE USE

IF SHEET IS LESS THAN 22"x34" IT IS A REDUCED PRINT. SCALE ACCORDINGLY

NO.	DATE	REVISIONS/DESCRIPTION	APPR'D

DESIGNED BY: J. EDER	DRAWN BY: R. KANDILAH
CHECKED BY: C. PHILLIPS	DESIGN LEAD: EDWARD BARBOE, P.E.



ACCOUNTABLE MANAGER JOSE NIEVES
PORTFOLIO MANAGER MARK DELBALZO, P.E.

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WATERFOWL MANAGEMENT PROGRAM BUILDING AND PAVING MOUNT PLEASANT, NEW YORK	DATE: JANUARY 2023
GENERAL STRUCTURAL NOTES	SCALE: NONE
	SHEET NO. OF No. 80
	DRAWING NO. S0-001

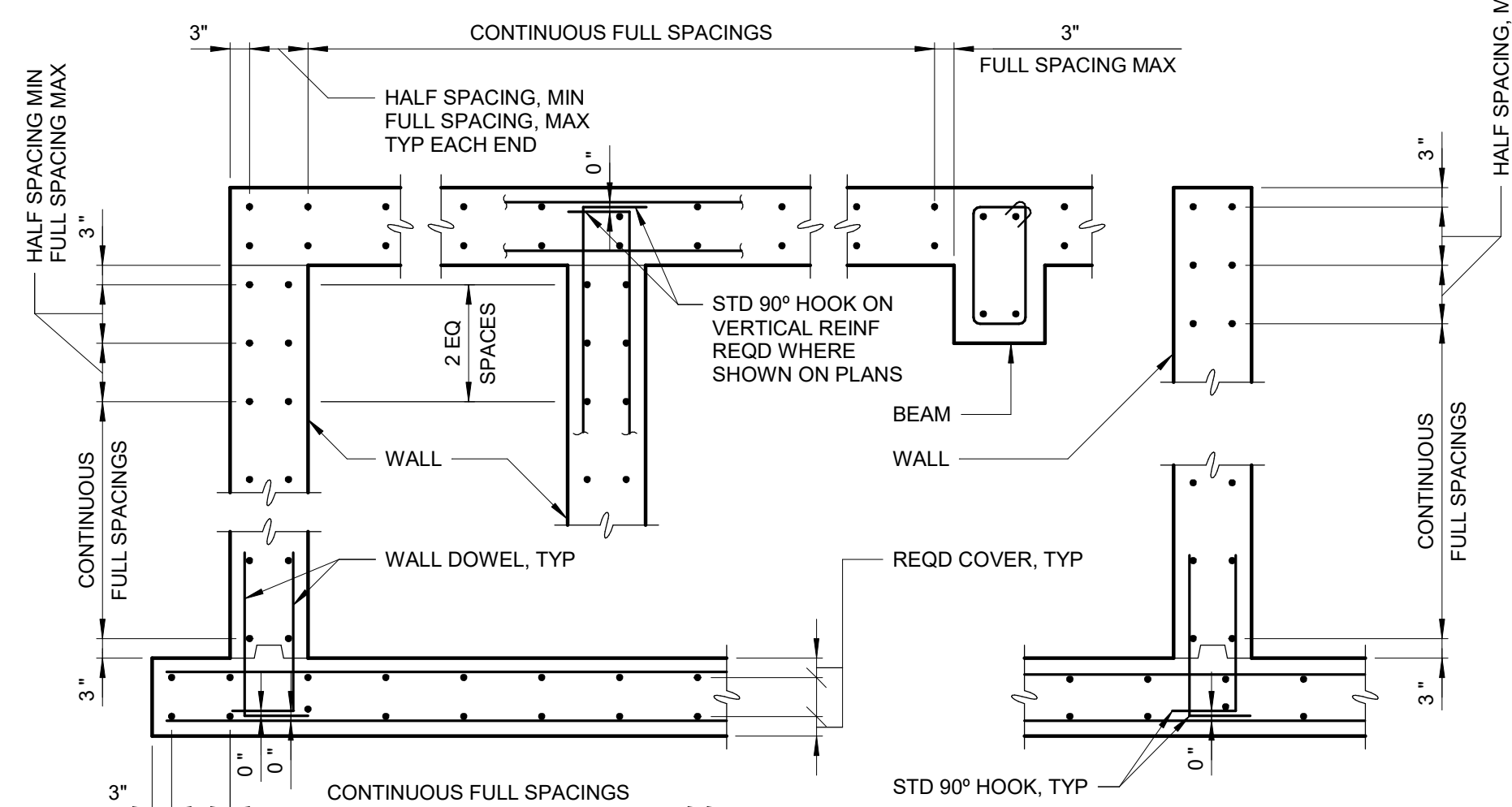
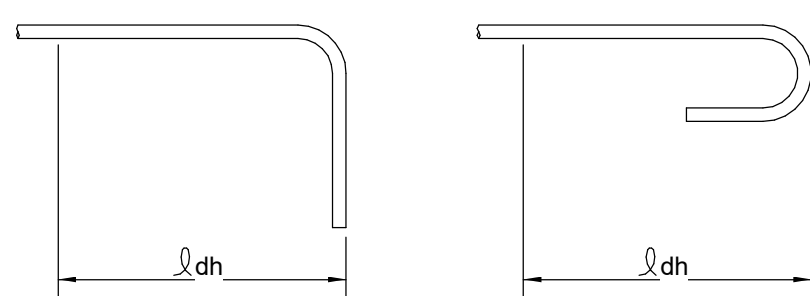
DEVELOPMENT LENGTH OF STANDARD HOOKS

FOR UNCOATED BARS IN TENSION

$f_y = 60,000$ psi $f_c' = 4000$ psi OR GREATER

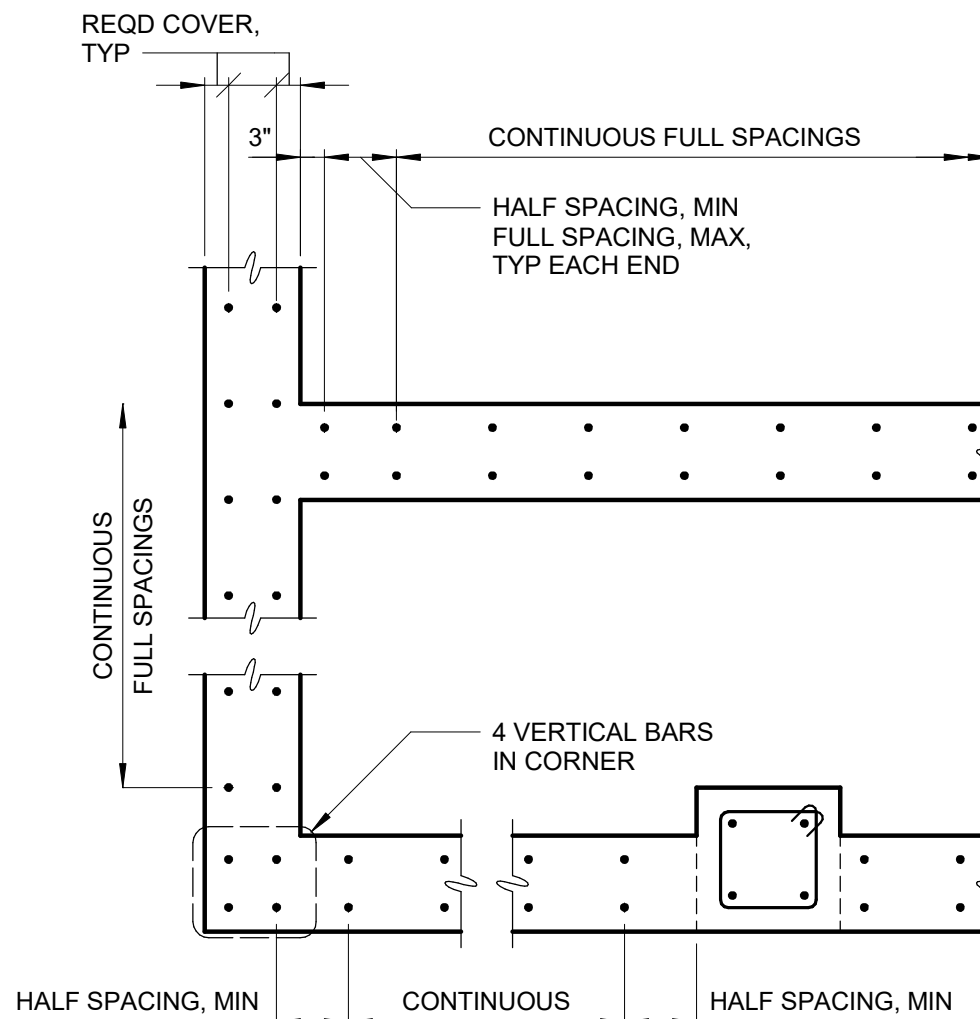
BAR SIZE	DEVELOPMENT LENGTH, l_{dh}	
	BASIC	W/ CONC COVER *
#3	8"	6"
#4	10"	7"
#5	1'-0"	9"
#6	1'-3"	11"
#7	1'-5"	1'-0"
#8	1'-7"	1'-2"
#9	1'-10"	1'-4"
#10	2'-1"	1'-6"
#11	2'-3"	1'-7"

* SIDE COVER NORMAL TO PLANE OF HOOK AT LEAST 2 1/2"; AND FOR 90° HOOK, END COVER BEYOND OUTSIDE END OF HOOK AT LEAST 2".



SECTION - WALLS AND SLABS

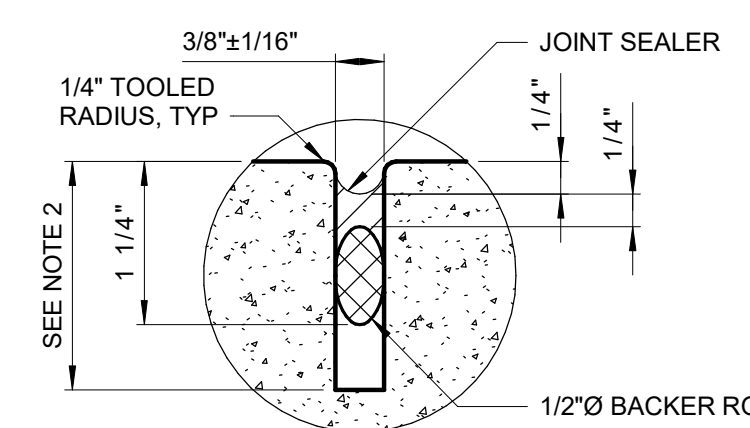
BAR PLACEMENT
0331704



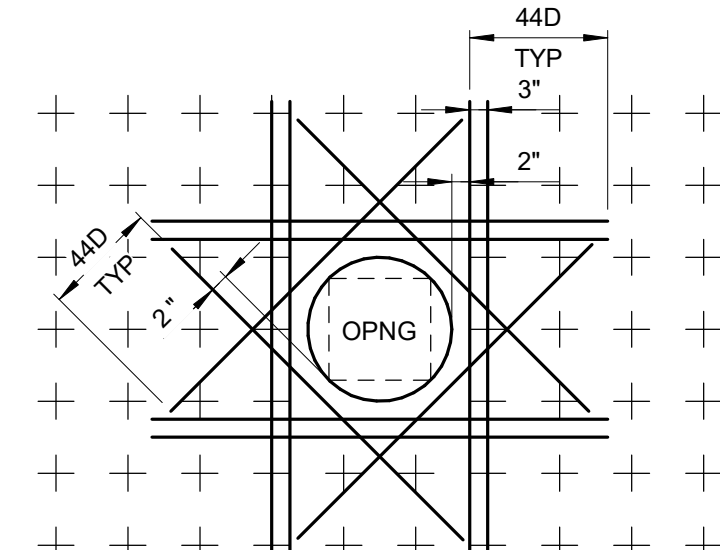
PLAN - WALLS

NOTES:

- VERTICAL JOINTS SHALL BE FORMED BY AN APPROVED JOINT INSERT. HORIZONTAL JOINTS SHALL BE FORMED BY AN APPROVED JOINT INSERT OR SAWCUTTING PERFORMED PER SPECIFICATION.
- DEPTH SHALL BE 1 1/2" IN REINF CONC DEPTH SHALL BE 1/3 OF CONCRETE THICK-NESS IN UNREINFORCED CONCRETE PAVEMENT.



TYPICAL SEALED JOINT
0325101



NOTES:

- THIS DETAIL APPLIES FOR OPENINGS 8"Ø AND LARGER. FOR SMALLER OPENINGS, BEND BARS OR ADJUST SPACING OF REINFORCEMENT TO AVOID OPENING.
- PLACE EXTRA BARS OF THE SAME SIZE AS THE INTERRUPTED BARS AT EACH SIDE OF OPENING. QUANTITY OF EXTRA BARS AT EACH SIDE SHALL EQUAL HALF THE QUANTITY OF INTERRUPTED BARS EXCEPT WHERE NOTED OTHERWISE.
- PROVIDE ONE DIAGONAL BAR EACH SIDE OF OPENING WITH SIZE EQUAL TO MAIN REINFORCEMENT, TYPICAL EACH FACE.
- WHERE INVERT OF OPENING IN WALL IS LESS THAN 44 BAR DIAMETERS FROM TOP OF SLAB, EXTRA REINFORCEMENT ON EACH SIDE SHALL INCLUDE DOWELS EMBEDDED INTO SLAB WITH STANDARD 90 DEGREE HOOKS TO SPLICE WITH EXTRA VERTICAL REINFORCEMENT. DOWELS SHALL ALSO STILL BE PROVIDED BELOW OPENING.
- WHERE INVERT OF OPENING IN WALL OR SLAB IS CLOSER THAN 44 BAR DIAMETERS TO EDGE OF SLAB OR BOTTOM OF WALL, EXTRA DIAGONAL BARS MAY BE TERMINATED TWO INCHES FROM EDGE OF SLAB OR BOTTOM OF WALL. DOWELS DO NOT HAVE TO BE PROVIDED TO SPLICE WITH DIAGONAL BARS.

REINFORCING AT OPENINGS
0331703

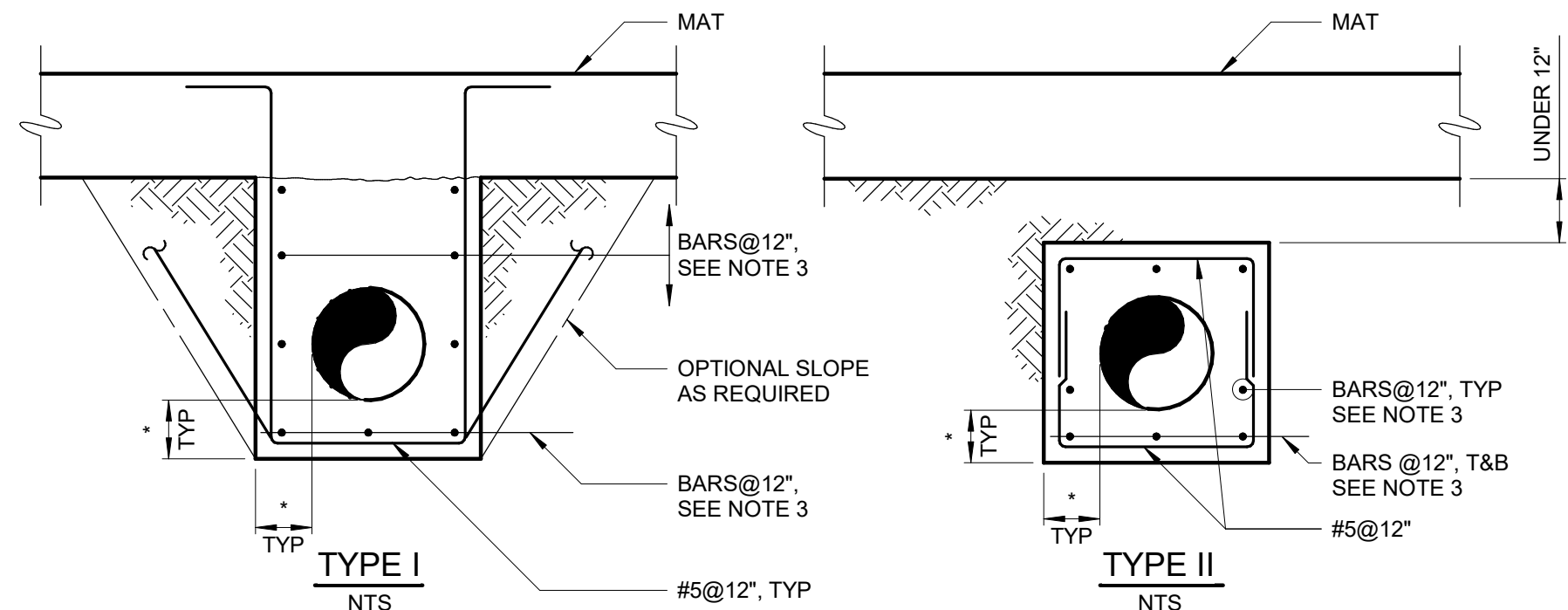
BASIC DEVELOPMENT LENGTH AND SPLICE LENGTH

FOR UNCOATED BARS IN TENSION
** BASED ON MATERIALS AND CONDITIONS AS FOLLOWS:
 $f_y = 60,000$ psi CLEAR COVER ≥ 1.5 INCHES $f_c' = 4000$ psi OR GREATER NORMAL WEIGHT CONCRETE

BASIC DEVELOPMENT LENGTH l_{dh}				BAR SIZE	CLASS B SPLICE LENGTH $1.3 \times l_{dh}$			
CLEAR SPACING $\geq 3"$		CLEAR SPACING $< 3"$			CLEAR SPACING $\geq 3"$		CLEAR SPACING $< 3"$	
BASIC	TOP *	BASIC	TOP *	BASIC	TOP *	BASIC	TOP *	
1'-0"	1'-0"	1'-0"	1'-4"	# 3	1'-0"	1'-3"	1'-4"	1'-8"
1'-0"	1'-3"	1'-7"	2'-1"	# 4	1'-3"	1'-8"	2'-1"	2'-9"
1'-3"	1'-7"	2'-4"	3'-0"	# 5	1'-7"	2'-0"	3'-0"	3'-11"
1'-6"	1'-11"	3'-1"	4'-0"	# 6	1'-11"	2'-5"	4'-0"	5'-2"
2'-5"	3'-1"	4'-11"	6'-4"	# 7	3'-1"	4'-0"	6'-4"	8'-3"
3'-0"	3'-11"	6'-0"	7'-9"	# 8	3'-11"	5'-1"	7'-9"	10'-1"
3'-8"	4'-9"	6'-9"	8'-9"	# 9	4'-9"	6'-3"	8'-9"	11'-4"
4'-6"	5'-10"	7'-7"	9'-10"	# 10	5'-10"	7'-7"	9'-10"	12'-9"
5'-5"	7'-0"	8'-5"	10'-11"	# 11	7'-0"	9'-1"	10'-11"	14'-2"

* TOP REINFORCEMENT IS ANY HORIZONTAL REINFORCEMENT SO PLACED THAT MORE THAN 12 INCHES OF FRESH CONCRETE IS CAST IN THE MEMBER BELOW THE REINFORCEMENT.

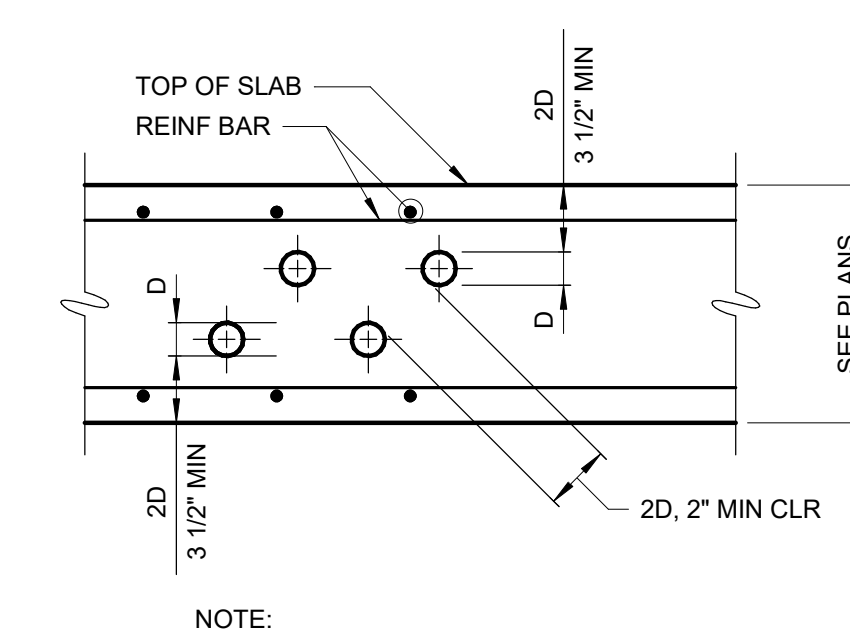
** FOR MATERIALS OR CONDITIONS DIFFERENT FROM THOSE STATED, LENGTHS SHOWN IN CHART SHALL BE MODIFIED TO CONFORM TO THE PROVISIONS OF ACI 318-14, SECTION 25.3.



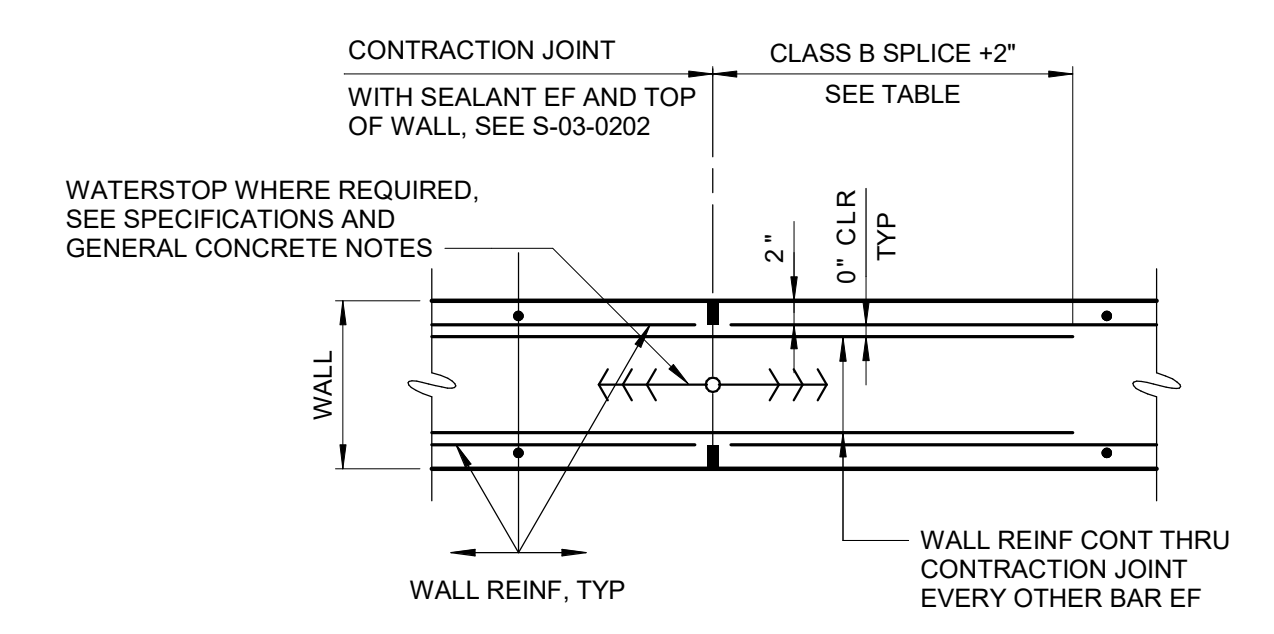
- NOTE:
- TIE IN ALL PIPES & CONDUITS BELOW GROUND FLOOR SLAB WHEN PILE FOUNDATION IS UTILIZED. USE TYPE I.
 - * DENOTES 9" FOR PIPES LESS THAN 42", 12" FOR PIPES 42" TO 72" AND 18" FOR PIPES GREATER THAN 84".
 - FOR 9" ENCASEMENTS USE #5 BARS, FOR 12" ENCASEMENTS USE #6 BARS AND FOR 18" ENCASEMENTS USE #7 BARS.

ALL PIPING AND CONDUITS BELOW SLABS ON EARTH TO BE ENCASED BY GENERAL CONTRACTOR UNLESS NOTED OTHERWISE.

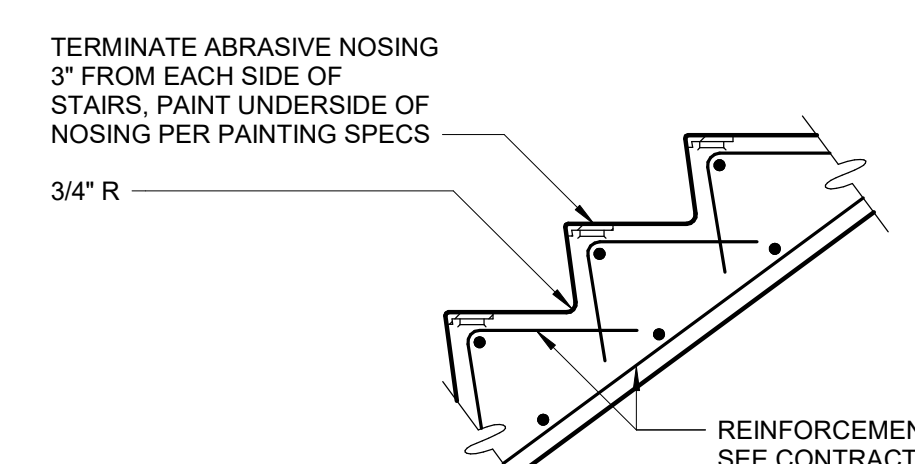
PIPE ENCASEMENTS
0331606



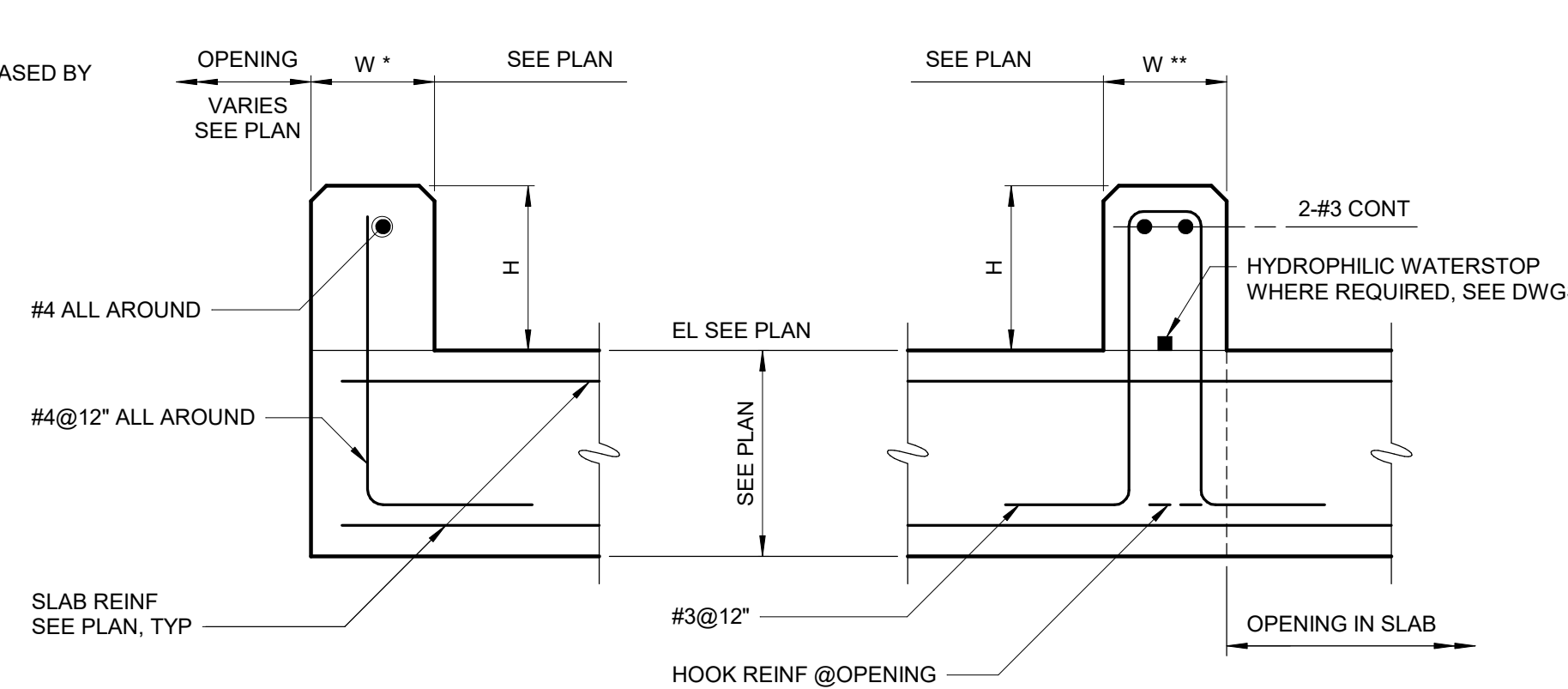
PIPE OR CONDUIT EMBEDDED IN SLAB
0331604



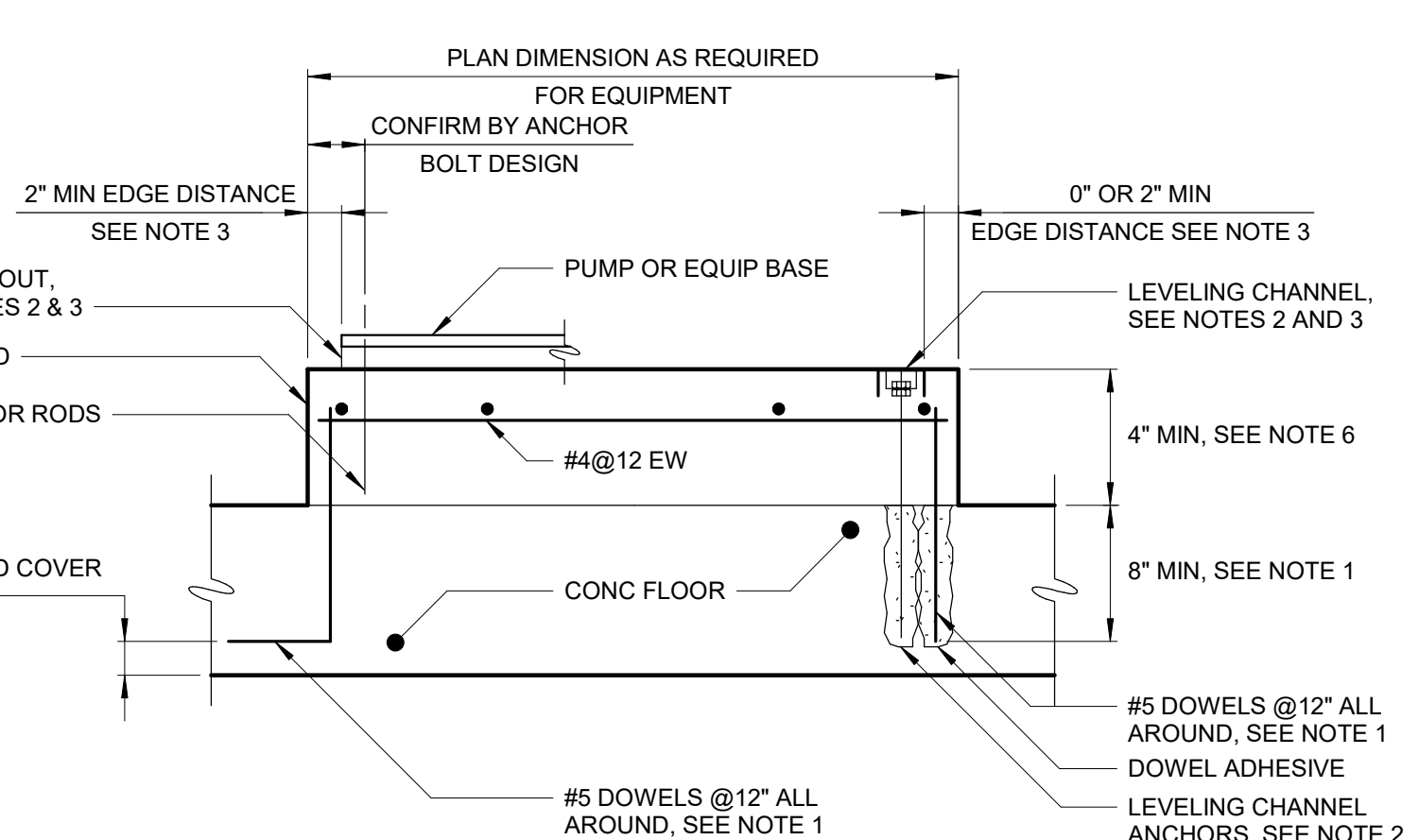
WALL CONTRACTION JOINT
0331713



STAIR NOSING
0554000



CONCRETE CURB
0331004



EQUIPMENT PAD
0331600

- NOTES:
- DOWELS MAY BE CAST IN WITH 90° HOOK OR ANCHORED WITH DOWEL ADHESIVE AT CONTRACTOR'S OPTION. WHERE FLOOR IS 8" THICK OR LESS, USE #4 DOWELS EMBEDDED TO WITHIN 2" OF BOTTOM OF FLOOR SLAB.
 - THE CONTRACTOR SHALL PROVIDE LEVELING CHANNELS AND LEVELING CHANNEL ANCHORS FOR SWITCHGEAR, SWITCHBOARDS, MOTOR CONTROL CENTERS, AND SIMILAR EQUIPMENT WHEN REQUIRED TO MEET EQUIPMENT MANUFACTURER'S LEVELING TOLERANCES. THE CONTRACTOR SHALL PROVIDE 1" MINIMUM NON-SHRINK GROUT FOR PUMPS AND SIMILAR EQUIPMENT WHEN REQUIRED TO MEET EQUIPMENT MANUFACTURER'S UNIFORM BEARING AND LEVELING REQUIREMENTS.
 - PRIOR TO PLACING CONCRETE PAD, LEVELING CHANNEL SIZE AND MEANS OF INSTALLATION, ANCHORAGE, GROUT, CONCRETE EDGE DISTANCE, AND CONCRETE BLOCKOUTS REQUIREMENTS SHALL BE COORDINATED WITH EQUIPMENT MANUFACTURER.
 - COAT DISSIMILAR MATERIALS PER THE CONTRACT DOCUMENTS.
 - STAGGER CHANNEL ANCHORS AND PAD DOWELS.
 - FOR PADS 24" OR GREATER IN DEPTH, PROVIDE #4@8" HORIZONTAL SKIN REINFORCING AROUND PERIMETER OF PAD.

BID SET

GRAPHIC SCALES
CHECK BEFORE USE

WATERFOWL MANAGEMENT PROGRAM BUILDING AND PAVING MOUNT PLEASANT, NEW YORK	DATE: JANUARY 2023
STRUCTURAL STANDARD DETAILS - SHEET 1	SCALE:
	SHEET NO: 31 OF No. 80
	DRAWING NO. S0-002

NO.	DATE	REVISIONS/DESCRIPTION	APPR'D

DESIGNED BY:
J. EDER
CHECKED BY:
C. PHILLIPS

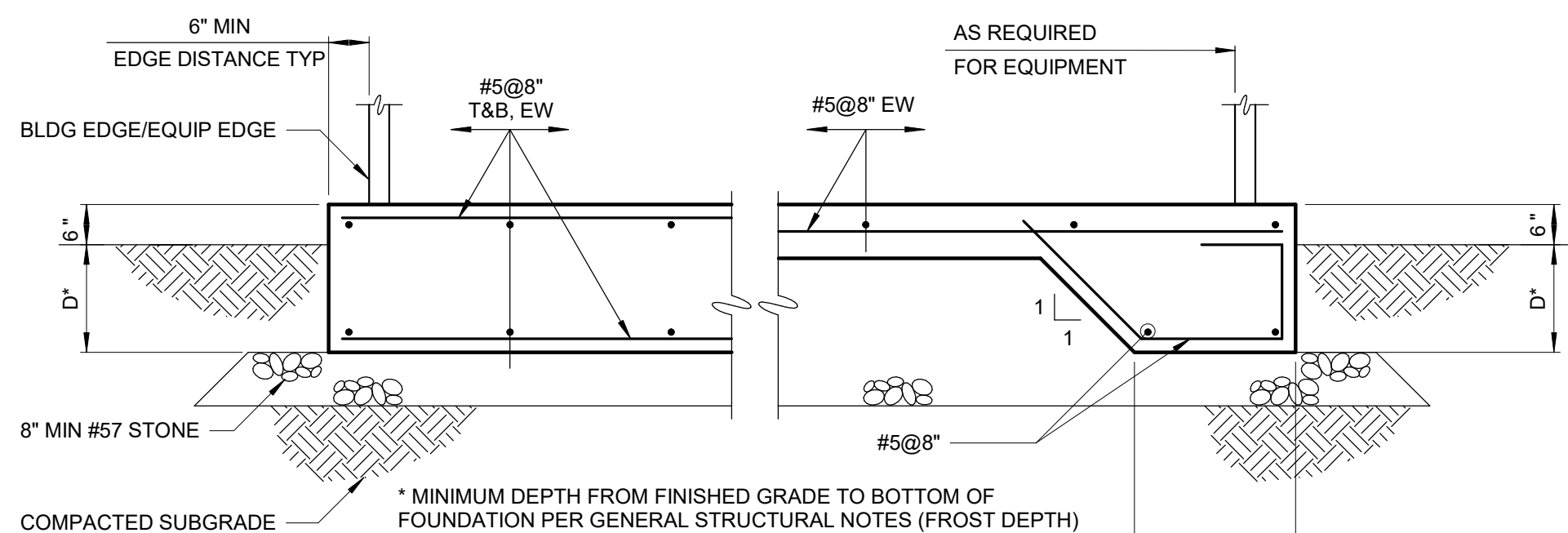
DRAWN BY:
R. KANDILAH
DESIGN LEAD:
EDWARD BARBOE, P.E.



ACCOUNTABLE MANAGER
JOSE NIEVES
PORTFOLIO MANAGER
MARK DELBALZO, P.E.

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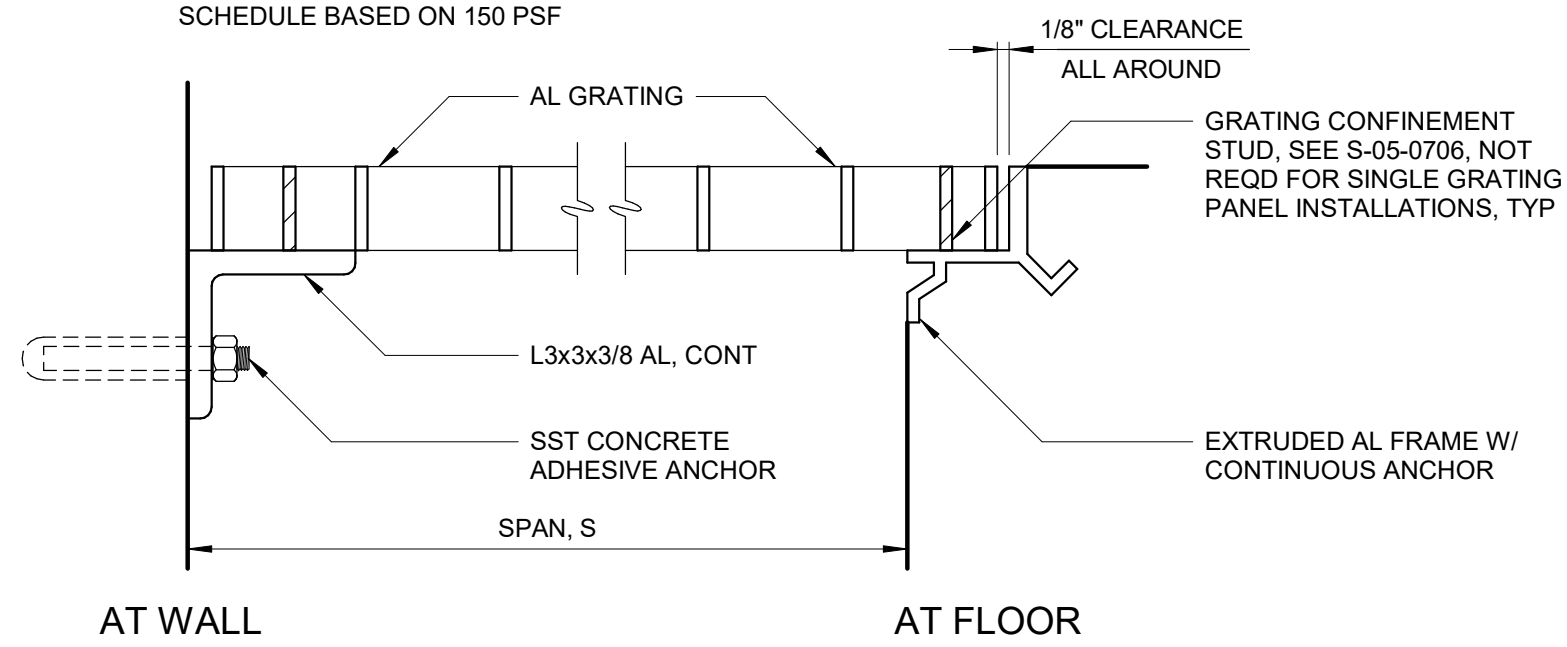


NOTE:
UNLESS NOTED OTHERWISE, CONTRACTOR SHALL HAVE THE OPTION OF
PLACING EQUIPMENT FOUNDATION WITH A CONSTANT THICKNESS OF D + 6" OR
AS AN 8" SLAB WITH THICKENED EDGE AROUND THE FOUNDATION PERIMETER.

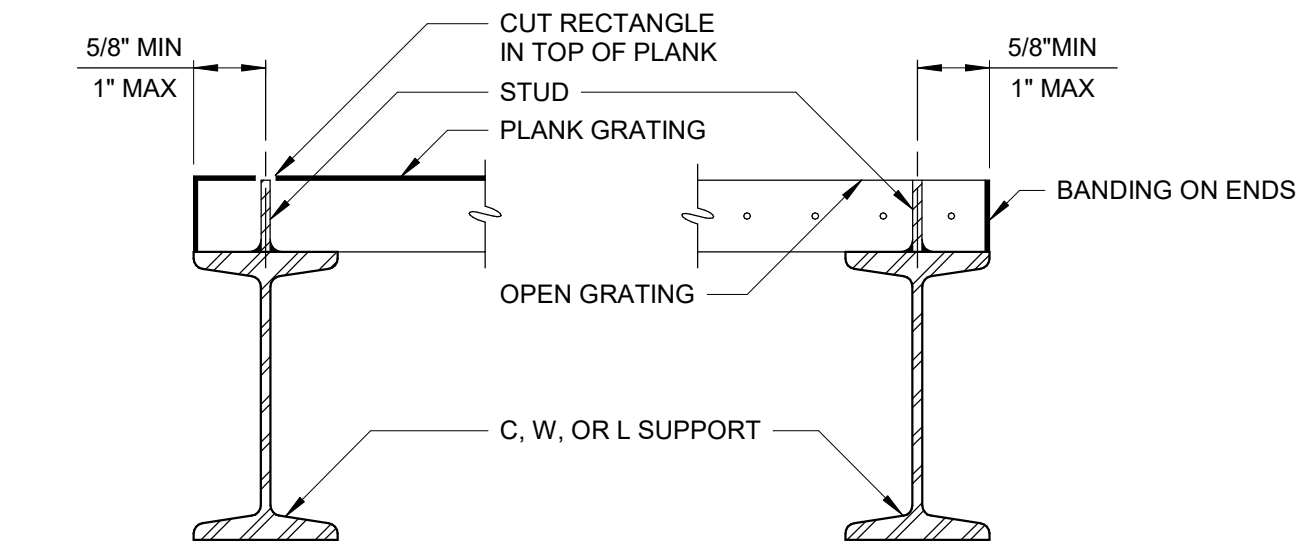
EXTERIOR EQUIPMENT FOUNDATION
0331607

SPAN, S	DEPTH (MIN)	CONCRETE ANCHOR (SIZE AND SPACING)
0'-0" < S ≤ 4'-0"	1 1/2"	1/2" Ø x 5 1/2" @ 18"
4'-0" < S ≤ 5'-0"	1 3/4"	
5'-0" < S ≤ 5'-6"	2"	
5'-6" < S ≤ 6'-0"	2 1/4"	
6'-0" < S ≤ 6'-6"	2 1/2"	5/8" Ø x 6" @ 18"

SCHEDULE BASED ON 150 PSF

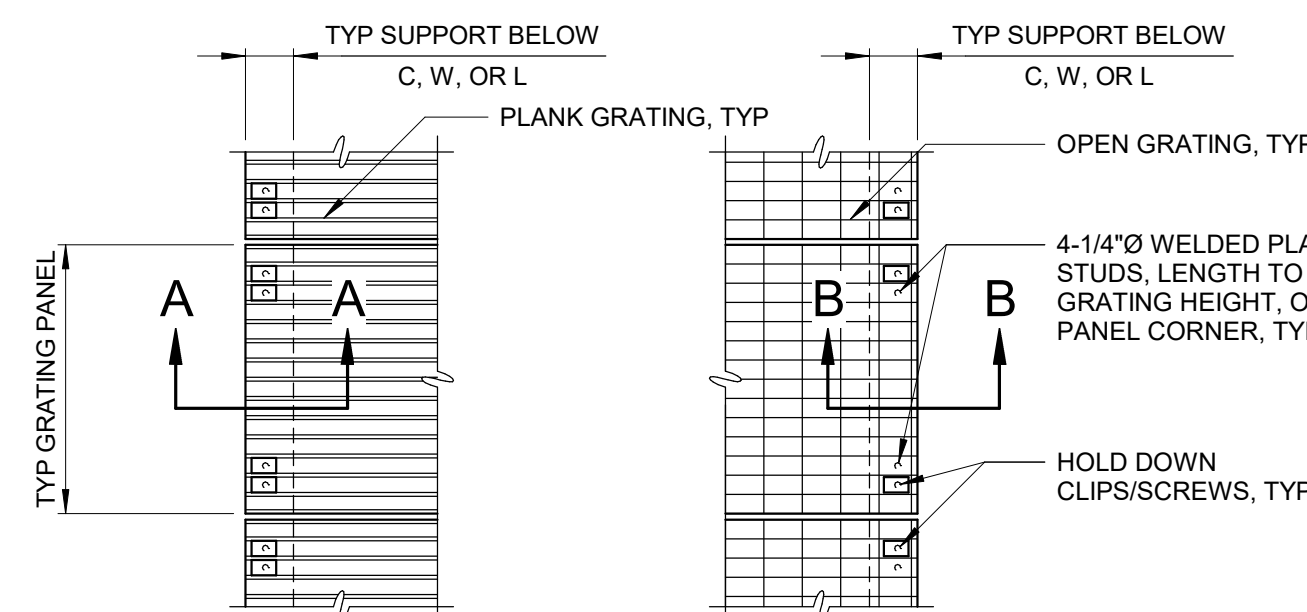


ALUMINUM GRATING
0553000



SECTION A - A

SECTION B - B

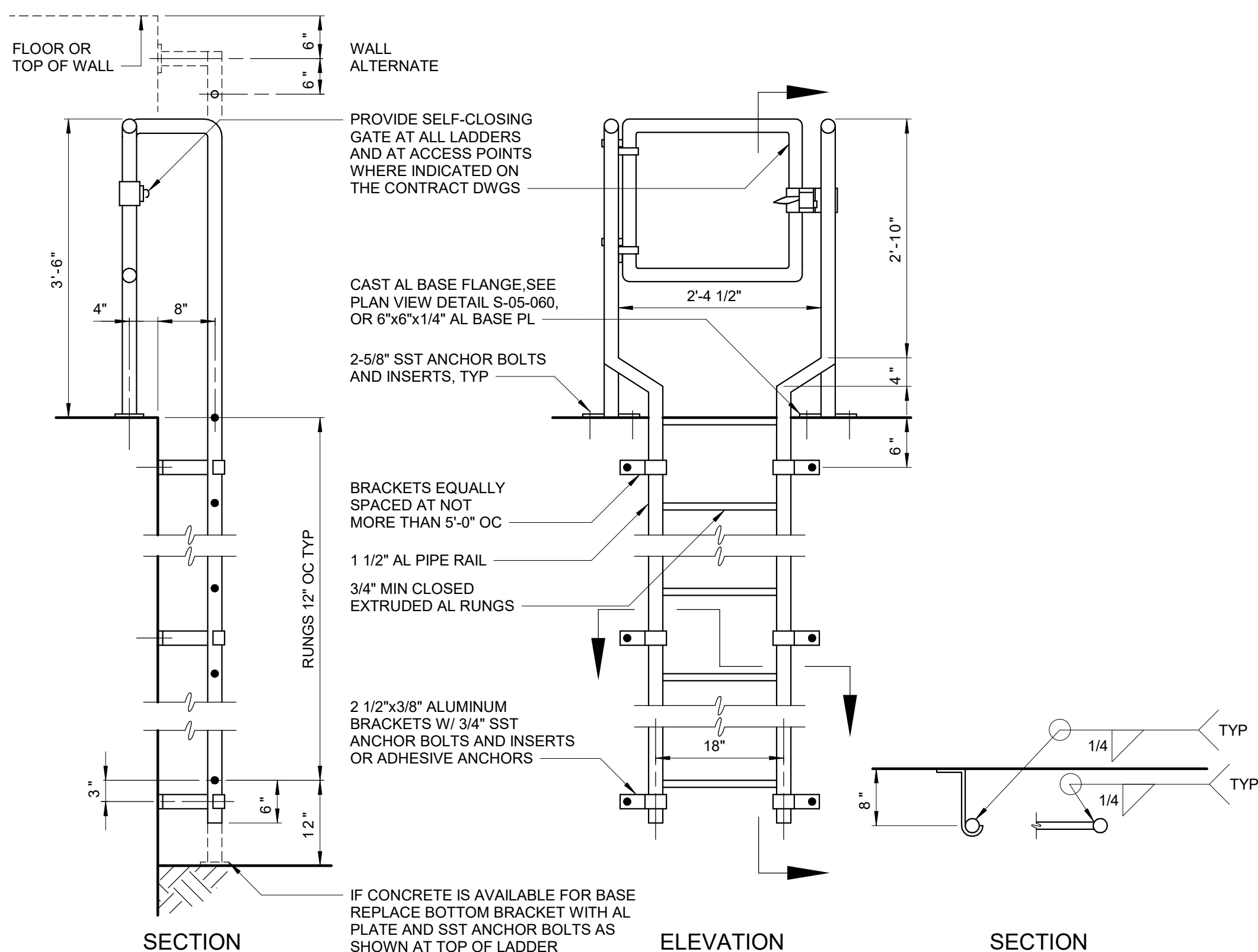


PLAN - PLANK GRATING

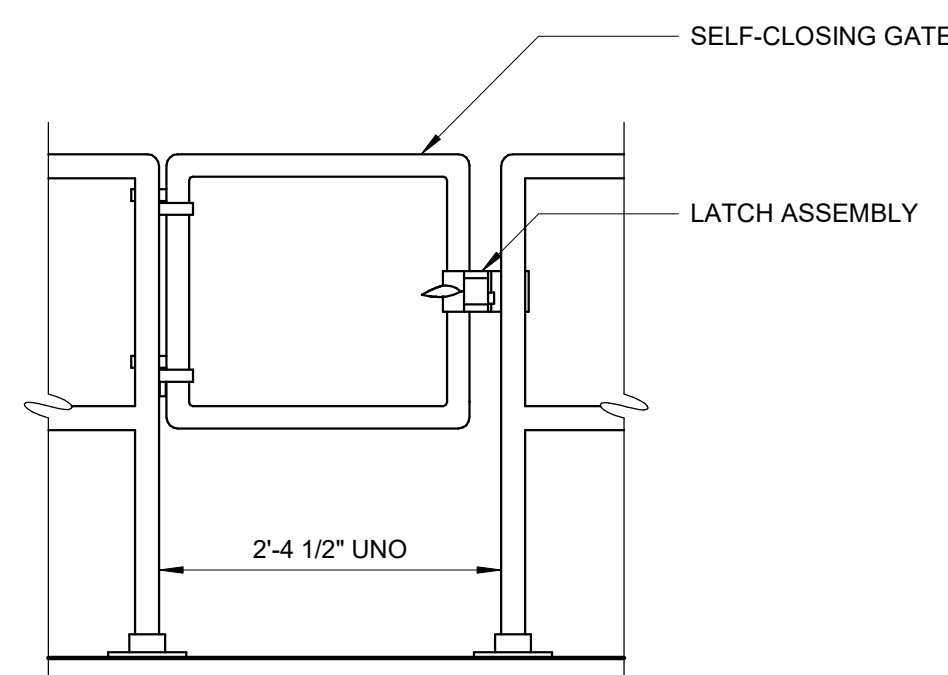
PLAN - OPEN GRATING

- NOTES:
- STUDS SHALL BE:
METAL GRATING - 1/4" Ø WELDED PLAIN STUD OF SAME MATERIAL AS SUPPORT, WITH STUDS WELDED PER AWS REQUIREMENTS.
RP GRATING - #14 SST TEK SCREWS, SELF-DRILLED INTO THE BASE MATERIAL.
 - INSTALLED STUD SHALL MATCH GRATING HEIGHT.
 - STUD SHALL BE PLACED BETWEEN CROSS BAR(S) AND/OR BEARING BARS.

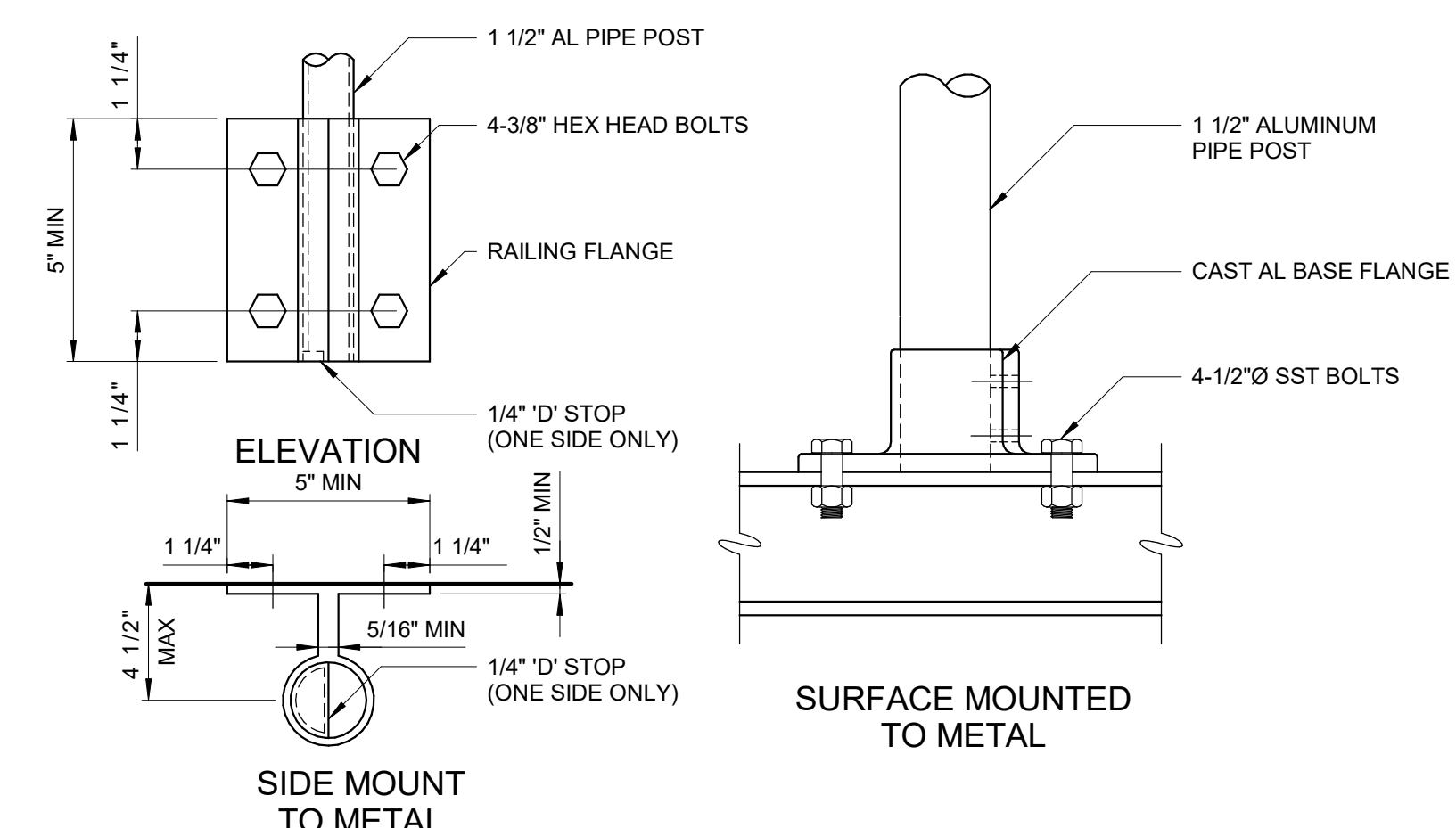
GRATING CONFINEMENT USING STUDS
0553004



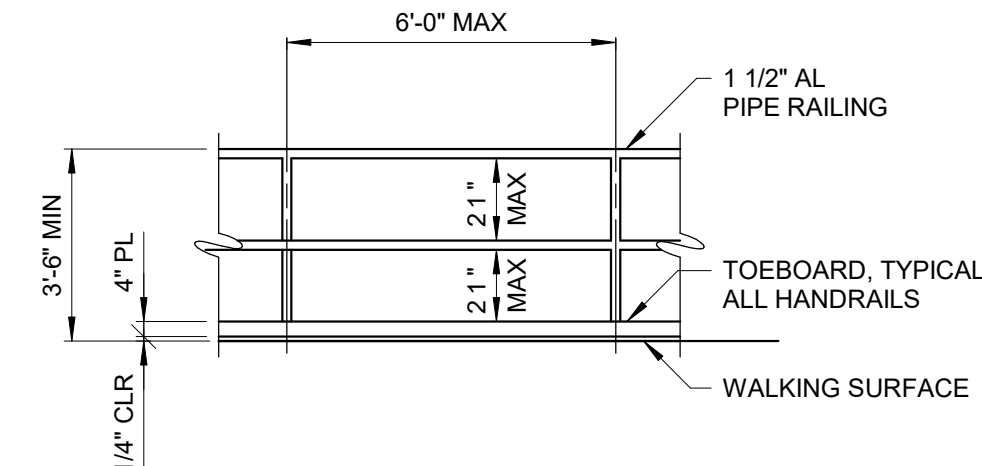
ALUMINUM LADDER
0551500



HANDRAIL GATE
0552002



ALUMINUM HANDRAILS
0552000



Autodesk Docs/09/09/2022_02A_CAT-423 WOC-02A Waterfowl Mgmt Program/09/09/2022_02A_S_WFB014 12/14/2022 10:15:35 AM

NO.	DATE	REVISIONS/DESCRIPTION	APPR'D

DESIGNED BY:
J. EDER

CHECKED BY:
C. PHILLIPS

DRAWN BY:
R. KANDILAH

DESIGN LEAD:
EDWARD BARBOE, P.E.

Hazen



ACCOUNTABLE MANAGER
JOSE NIEVES

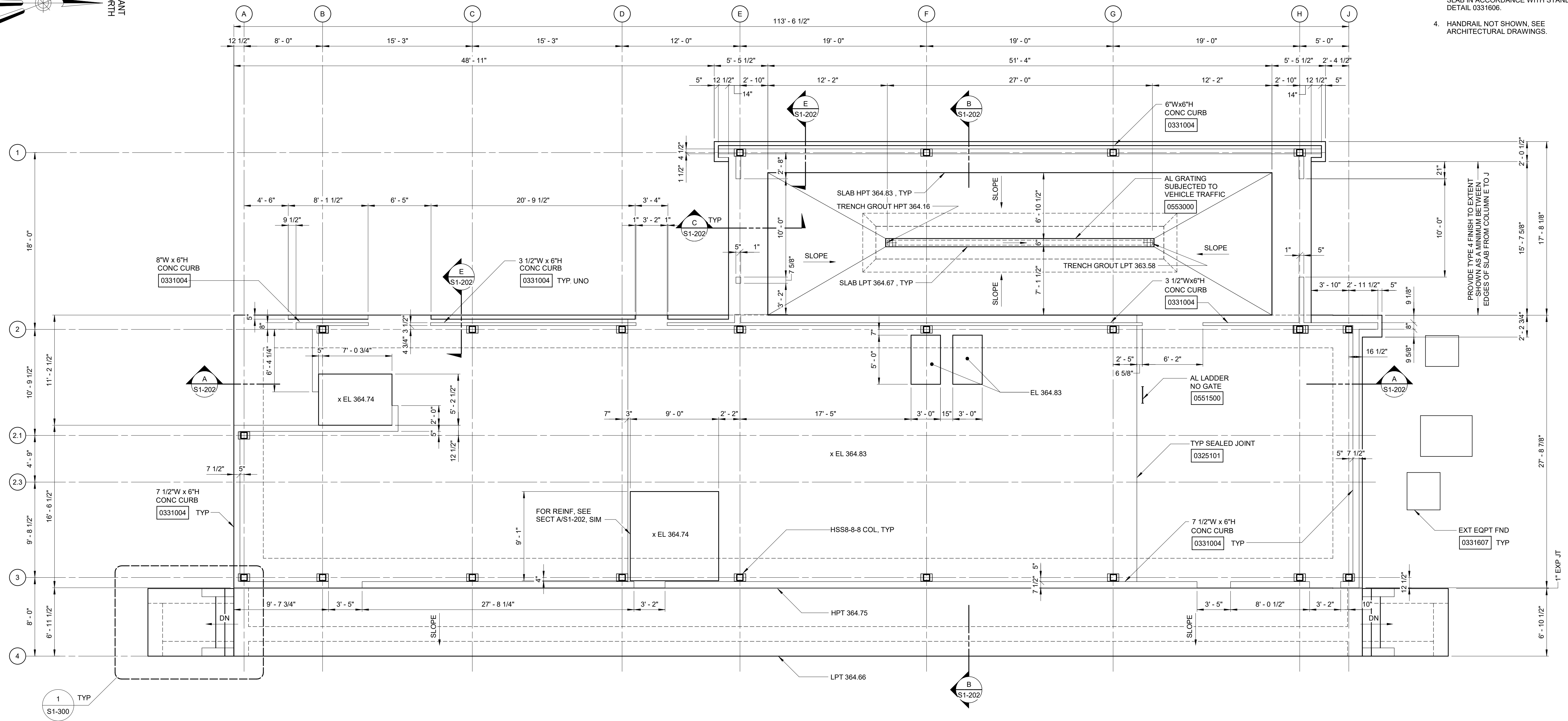
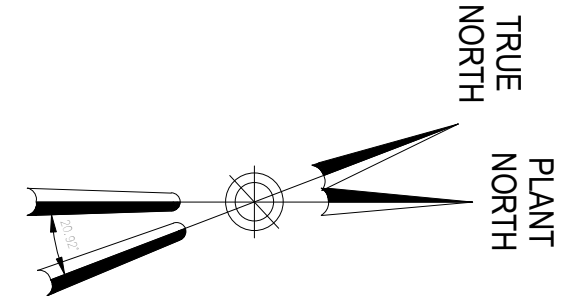
PORTFOLIO MANAGER
MARK DELBALZO, P.E.

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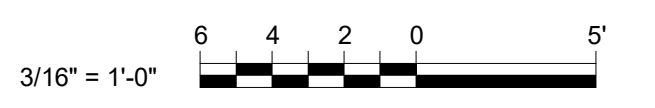
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BID SET	GRAPHIC SCALES CHECK BEFORE USE
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WATERFOWL MANAGEMENT PROGRAM BUILDING AND PAVING MOUNT PLEASANT, NEW YORK STRUCTURAL STANDARD DETAILS - SHEET 2	DATE: JANUARY 2023
	SCALE:
	SHEET NO: 32 OF No. 80
	DRAWING NO. S0-003

- NOTES:**
- FOR STANDARD NOTES, SEE SHEET S0-001.
 - FOR STANDARD DETAILS, SEE SHEETS S0-002 AND S0-003.
 - ENCASE ALL PIPING AND CONDUITS BELOW SLAB IN ACCORDANCE WITH STANDARD DETAIL 0331606.
 - HANDRAIL NOT SHOWN, SEE ARCHITECTURAL DRAWINGS.



BOTTOM PLAN
3/16" = 1'-0"

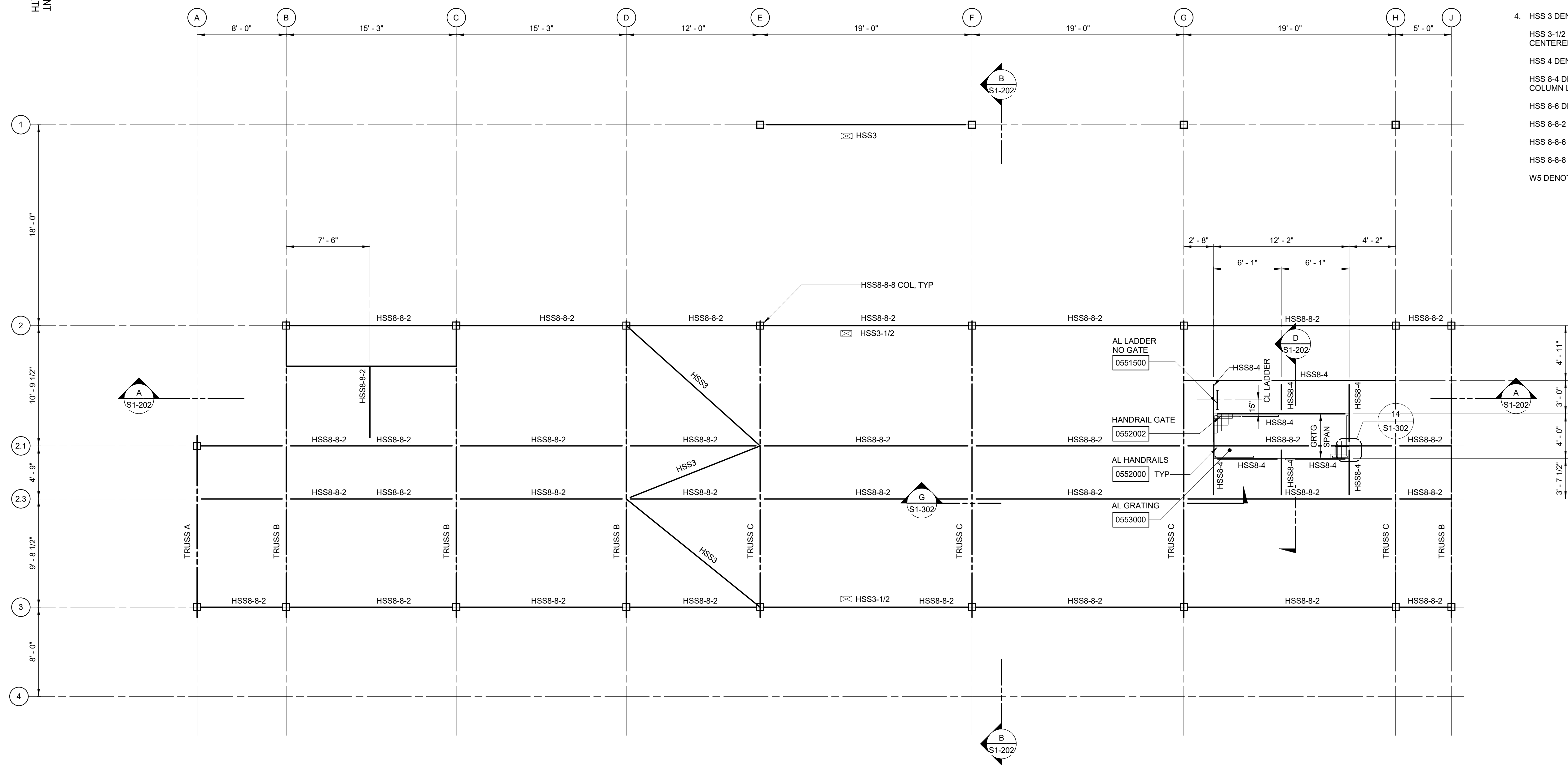
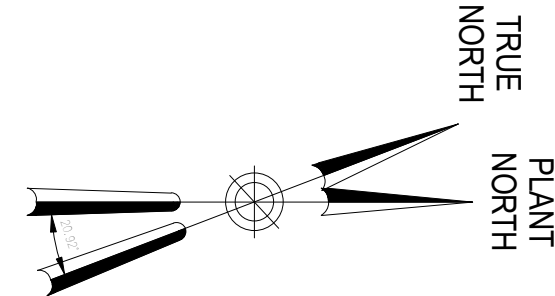


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WATERFOWL MANAGEMENT PROGRAM BUILDING AND PAVING MOUNT PLEASANT, NEW YORK STRUCTURAL BOTTOM PLAN	DATE: JANUARY 2023 SCALE: AS NOTED SHEET NO: 33 OF No. 80 DRAWING NO. S1-100

	DESIGNED BY: J. EDER CHECKED BY: C. PHILLIPS	DRAWN BY: R. KANDILAH DESIGN LEAD: EDWARD BARBOE, P.E.			ACCOUNTABLE MANAGER JOSE NIEVES PORTFOLIO MANAGER MARK DELBALZO, P.E.	*WARNING-IT IS A VIOLATION, OF THE NEW YORK STATE EDUCATION LAW, SECTION. 7209.2, FOR ANY PERSON, UNLESS (S)HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT IN ANY WAY. IF ALTERED, THE ALTERING PERSON SHALL COMPLY WITH THE REQUIREMENTS OF NEW YORK EDUCATION, LAW, SECTION. 7209.2.*	NEW YORK CITY ENVIRONMENTAL PROTECTION BUREAU OF WATER SUPPLY 465 COLUMBUS AVENUE, SUITE 270 VALHALLA, NEW YORK 10595-1336 www.nyc.gov/dcp
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 12/14/2022 10:15:34 AM

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- NOTES:**
- FOR AESS REQUIREMENTS SEE DRAWING S1-300.
 - TOP OF STEEL 374.50, UNLESS NOTED OTHERWISE.
 - ☒ DENOTES VERTICAL BRACING.
 - HSS 3 DENOTES HSS3x3x1/4
 HSS 3-1/2 DENOTES HSS3-1/2x3-1/2x1/4 CENTERED ON COLUMN LINE
 HSS 4 DENOTES HSS4x4x1/4
 HSS 8-4 DENOTES HSS8x4x3/16 BETWEEN COLUMN LINES G AND H ONLY
 HSS 8-6 DENOTES HSS8x6x1/4
 HSS 8-8-2 DENOTES HSS8x8x1/4
 HSS 8-8-6 DENOTES HSS8x8x3/8
 HSS 8-8-8 DENOTES HSS8x8x1/2
 W5 DENOTES W5x19

BOTTOM CHORD PLAN
 3/16" = 1'-0"



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WATERFOWL MANAGEMENT PROGRAM BUILDING AND PAVING MOUNT PLEASANT, NEW YORK	
STRUCTURAL BOTTOM CHORD PLAN	
DATE: JANUARY 2023	
SCALE: AS NOTED	
SHEET NO: 34 OF No. 80	
DRAWING NO. S1-101	

NO.	DATE	REVISIONS/DESCRIPTION	APPR'D

DESIGNED BY:
J. EDER

CHECKED BY:
C. PHILLIPS

DRAWN BY:
R. KANDILAH

DESIGN LEAD:
EDWARD BARBOE, P.E.

Hazen



ACCOUNTABLE MANAGER
JOSE NIEVES

PORTFOLIO MANAGER
MARK DELBALZO, P.E.

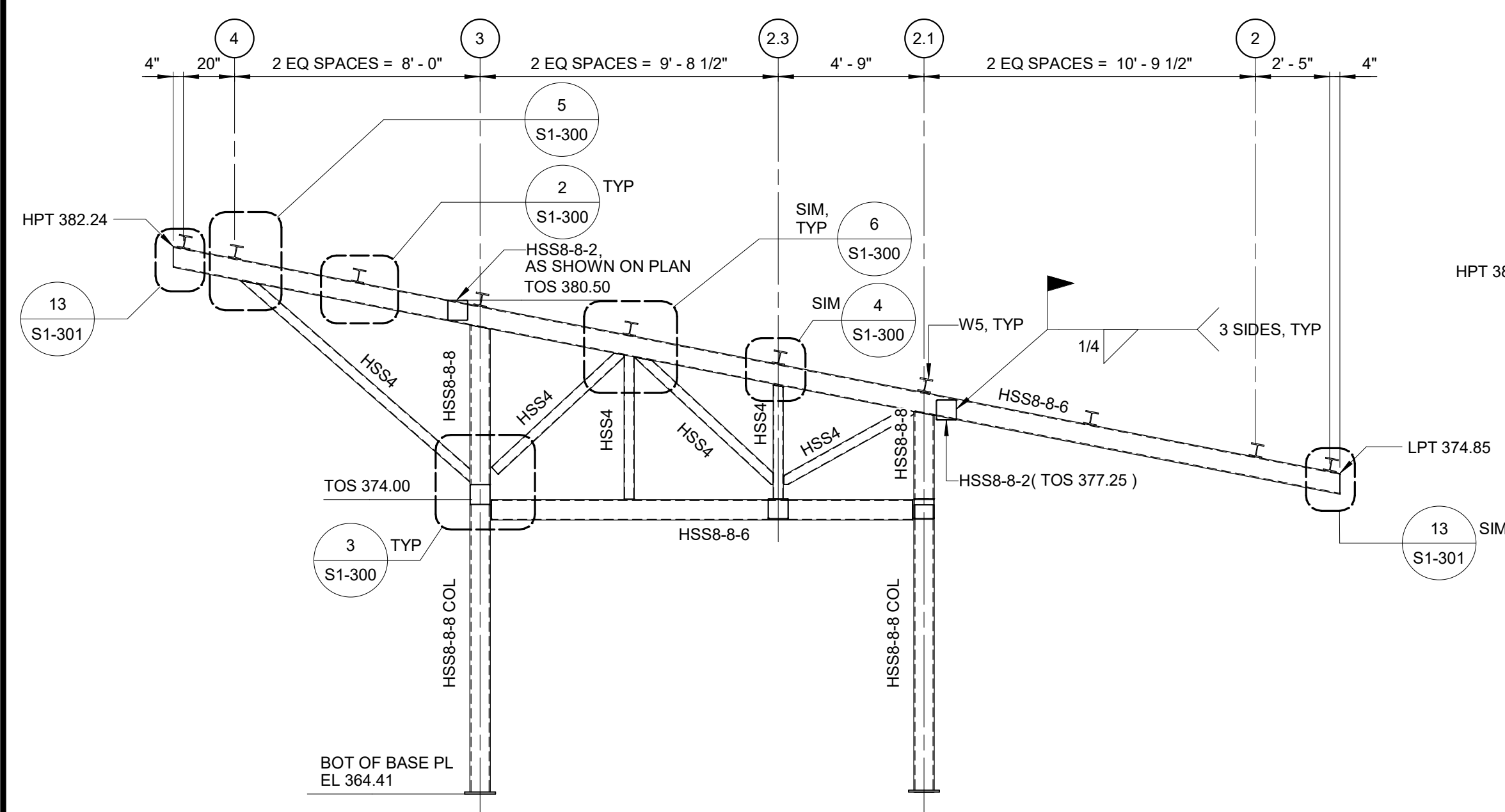
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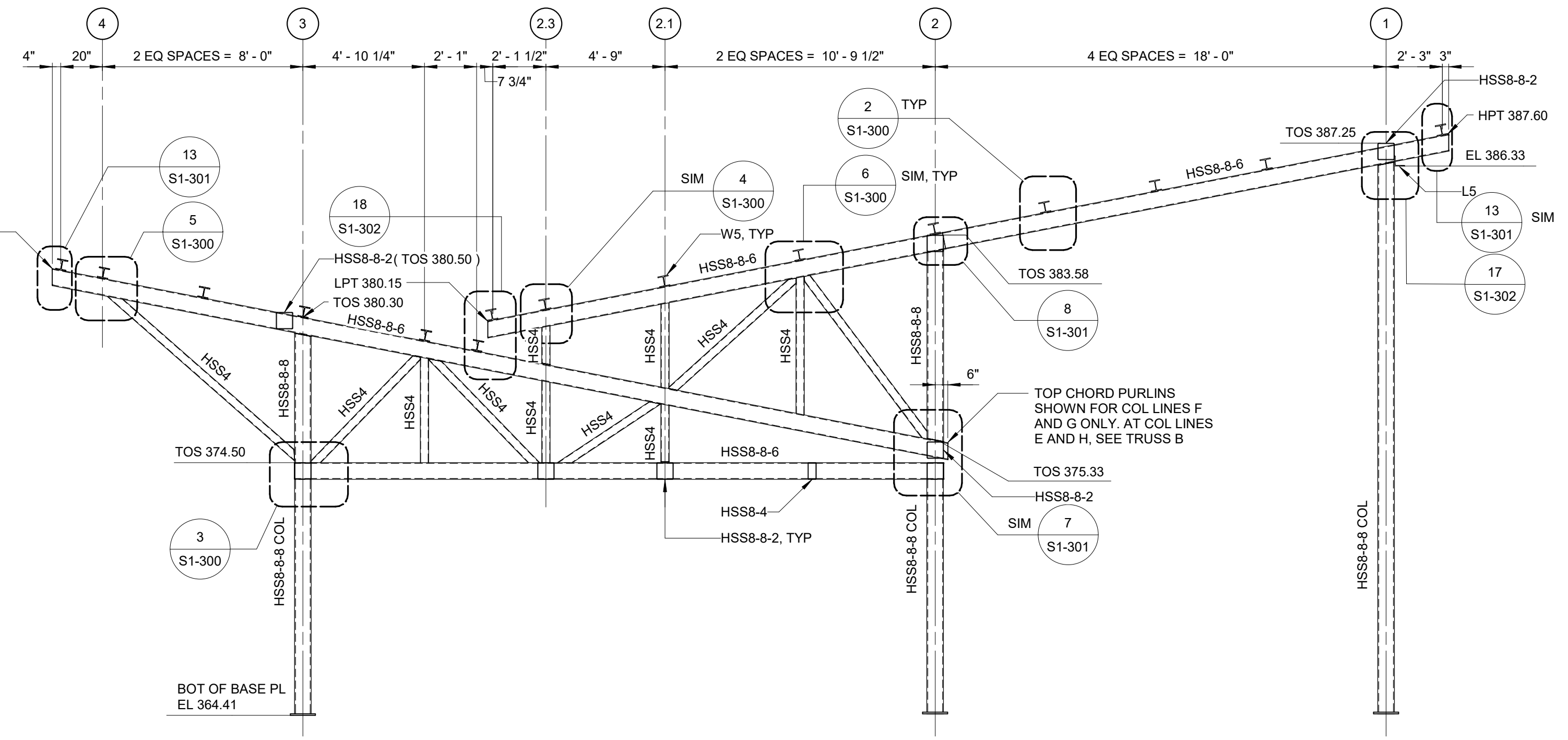
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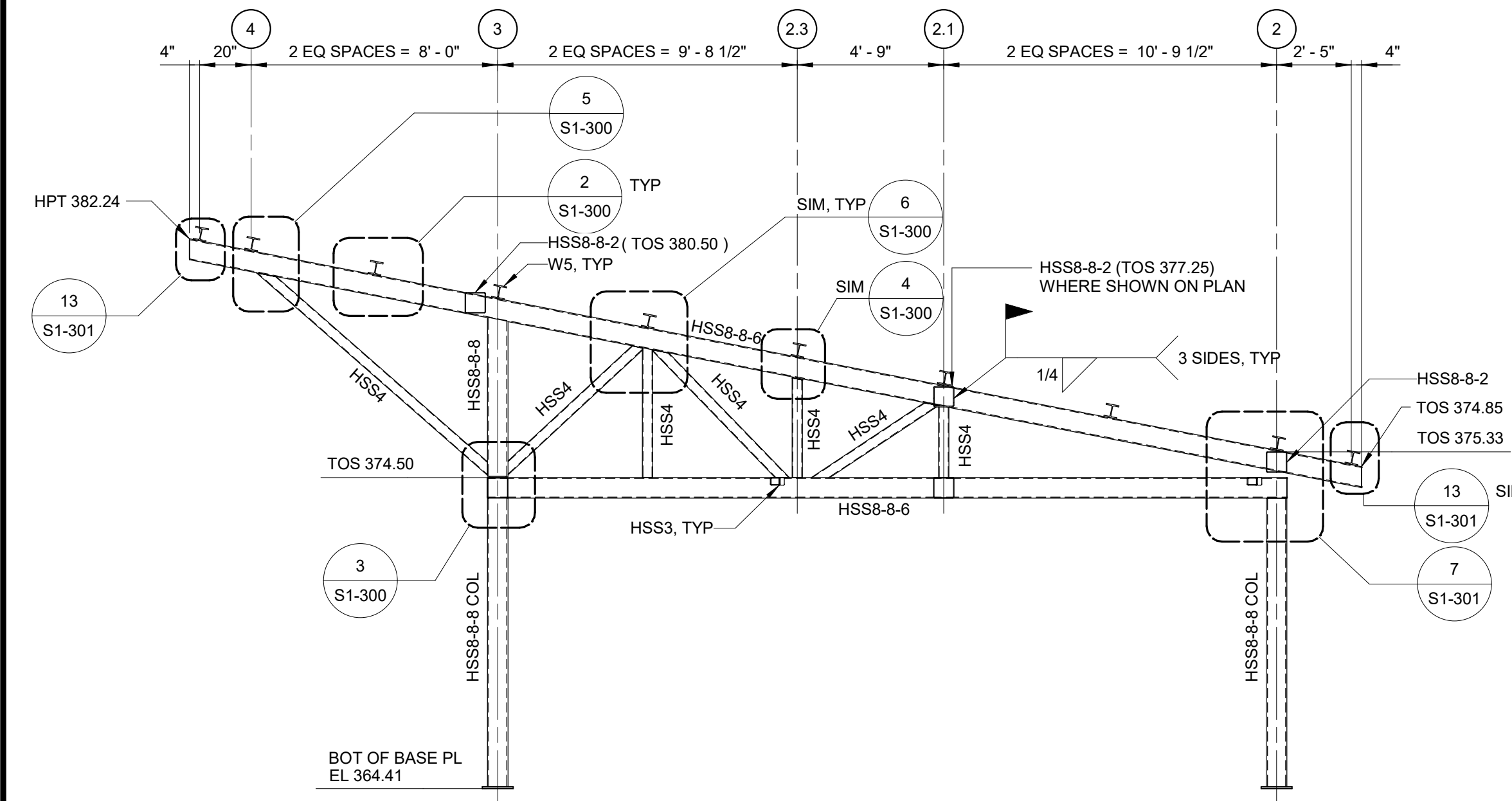
- NOTES:**
- HSS 3 DENOTES HSS3x3x1/4
 - HSS 3-1/2 DENOTES HSS3-1/2x3-1/2x1/4 CENTERED ON COLUMN LINE
 - HSS 4 DENOTES HSS4x4x1/4
 - HSS 8-4 DENOTES HSS8x4x3/16 BETWEEN COLUMN LINES G AND H ONLY
 - HSS 8-6 DENOTES HSS8x6x1/4
 - HSS 8-8-2 DENOTES HSS8x8x1/4
 - HSS 8-8-6 DENOTES HSS8x8x3/8
 - HSS 8-8-8 DENOTES HSS8x8x1/2
 - W5 DENOTES W5x19
 - L5 DENOTES L5x5x1/8



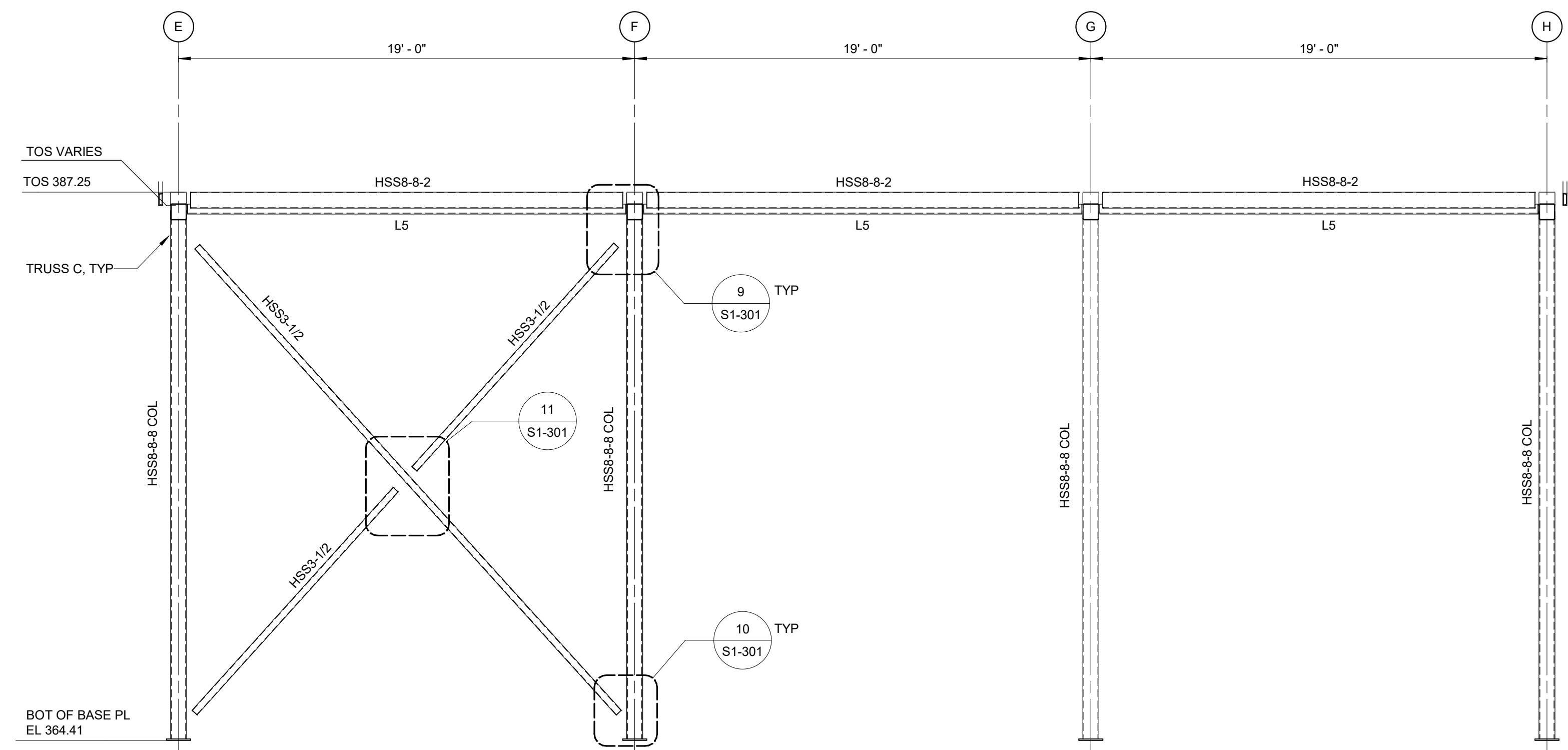
TRUSS A
1/4" = 1'-0"



TRUSS C
1/4" = 1'-0"



TRUSS B
1/4" = 1'-0"



COL LINE 1
1/4" = 1'-0"



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DESIGNED BY:
J. EDER

CHECKED BY:
C. PHILLIPS

DRAWN BY:
R. KANDILAH

DESIGN LEAD:
EDWARD BARBOE, P.E.



ACCOUNTABLE MANAGER
JOSE NIEVES

PORTFOLIO MANAGER
MARK DELBALZO, P.E.

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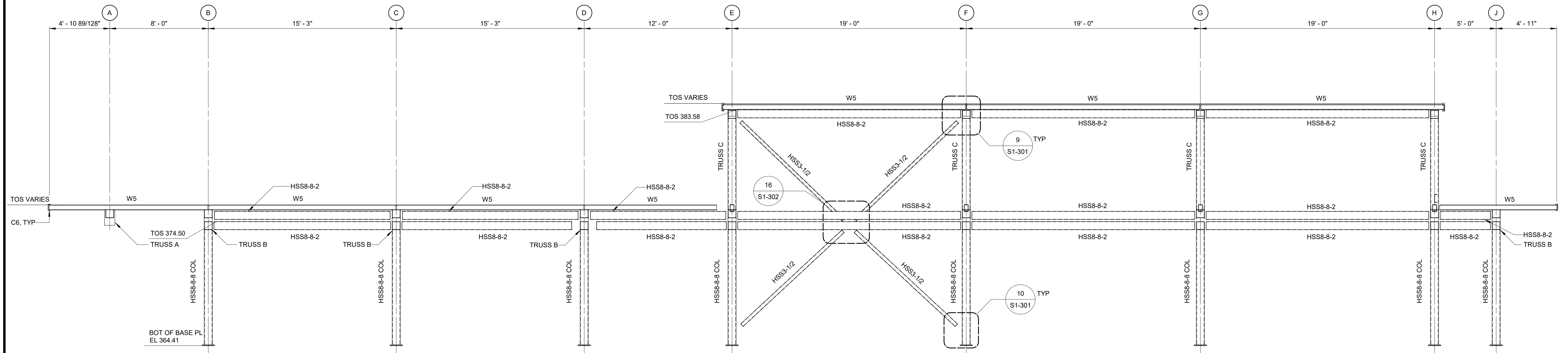
WATERFOWL MANAGEMENT PROGRAM BUILDING
AND PAVING
MOUNT PLEASANT, NEW YORK

STRUCTURAL
STEEL ELEVATIONS

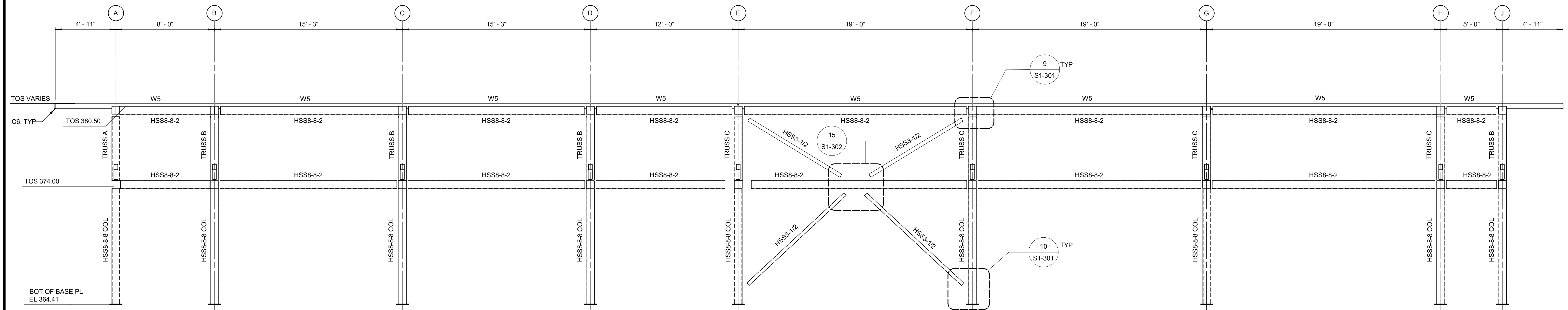
DATE: JANUARY 2023
SCALE: AS NOTED
SHEET NO:
36 OF No. 80
DRAWING NO.
S1-200

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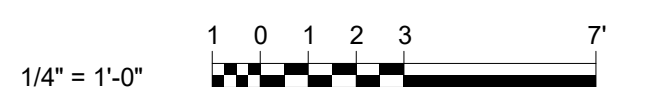
- NOTES:**
- 1. HSS 3-1/2 DENOTES HSS3-1/2x3-1/2x1/4 CENTERED ON COLUMN LINE
 - HSS 8-4 DENOTES HSS8x4x3/16 BETWEEN COLUMN LINES G AND H ONLY
 - HSS 8-6 DENOTES HSS8x6x1/4
 - HSS 8-8-2 DENOTES HSS8x8x1/4
 - HSS 8-8-6 DENOTES HSS8x8x3/8
 - HSS 8-8-8 DENOTES HSS8x8x1/2
 - W5 DENOTES W5x19
 - C6 DENOTES C6x10.5



COL LINE 2
1/4" = 1'-0"




COL LINE 3
1/4" = 1'-0"



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WATERFOWL MANAGEMENT PROGRAM BUILDING AND PAVING MOUNT PLEASANT, NEW YORK STRUCTURAL STEEL ELEVATIONS	DATE: JANUARY 2023
	SCALE: AS NOTED
	SHEET NO: 37 OF No. 80
	DRAWING NO. S1-201

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J. EDER
 CHECKED BY:
C. PHILLIPS


DRAWN BY:
R. KANDILAH
 DESIGN LEAD:
EDWARD BARBOE, P.E.

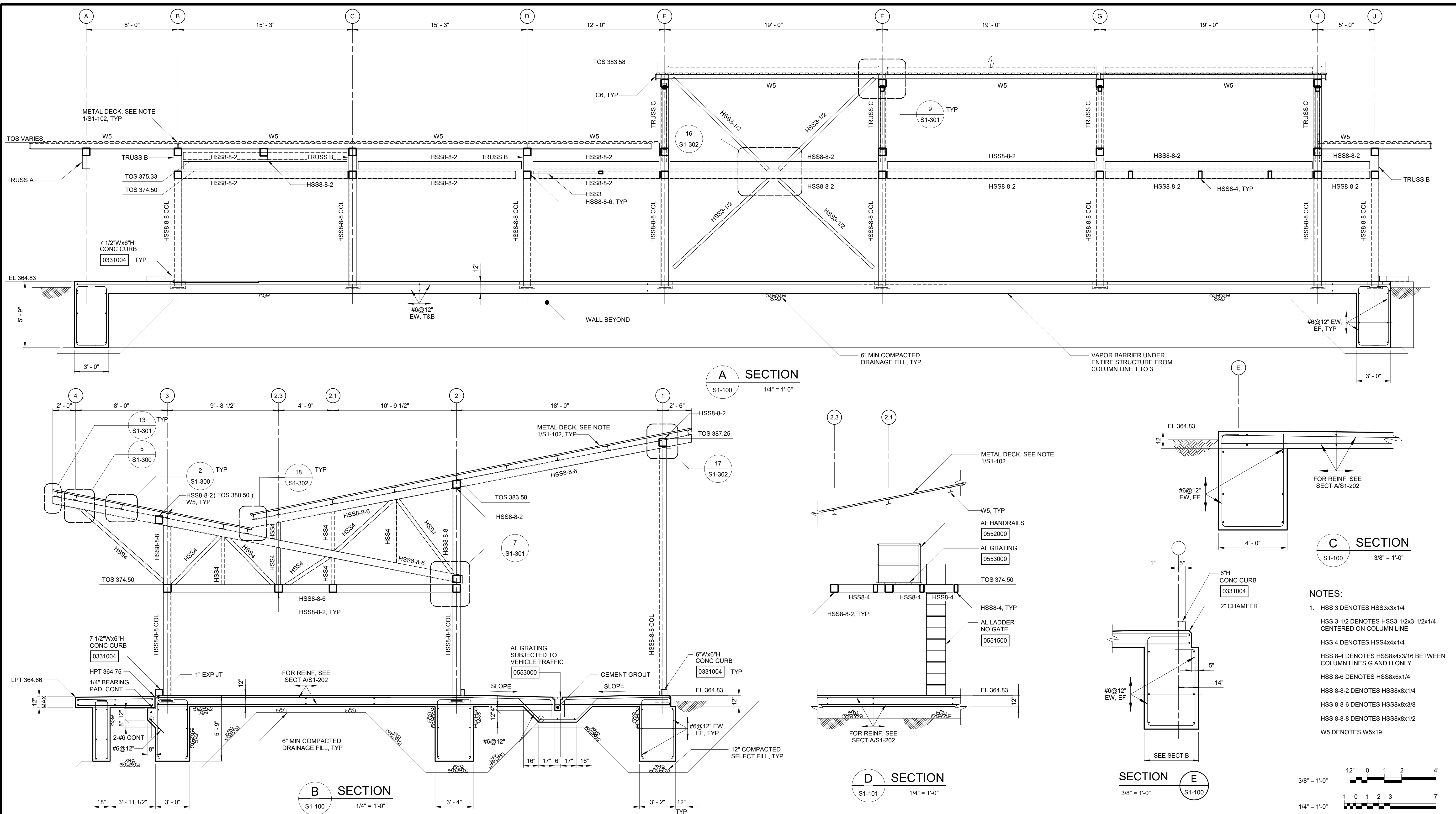



ACCOUNTABLE MANAGER
JOSE NIEVES
 PORTFOLIO MANAGER
MARK DELBALZO, P.E.

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ENVIRONMENTAL PROTECTION
 BUREAU OF WATER SUPPLY
 465 COLUMBUS AVENUE, SUITE 270
 VALHALLA, NEW YORK 10595-1336
www.nyc.gov/dcp

All inquiries regarding this drawing(s) or project should be made to NYC Environmental Protection, Bureau of Engineering Design and Construction.



- NOTES:**
- HSS 3 DENOTES HSS3x3x1/4
 - HSS 3-1/2 DENOTES HSS3-1/2x3-1/2x1/4 CENTERED ON COLUMN LINE
 - HSS 4 DENOTES HSS4x4x1/4
 - HSS 8-4 DENOTES HSS8x4x3/16 BETWEEN COLUMN LINES G AND H ONLY
 - HSS 8-6 DENOTES HSS8x6x1/4
 - HSS 8-8-2 DENOTES HSS8x8x1/4
 - HSS 8-8-6 DENOTES HSS8x8x3/8
 - HSS 8-8-8 DENOTES HSS8x8x1/2
 - W5 DENOTES W5x19



BID SET	GRAPHIC SCALES CHECK BEFORE USE
	IF SHEET IS LESS THAN 22"x34" IT IS A REDUCED PRINT. SCALE ACCORDINGLY
WATERFOWL MANAGEMENT PROGRAM BUILDING AND PAVING MOUNT PLEASANT, NEW YORK STRUCTURAL SECTIONS	DATE: JANUARY 2023
	SCALE: AS NOTED
	SHEET NO: 38 OF No. 80
	DRAWING NO. S1-202

NO.	DATE	REVISIONS/DESCRIPTION	APPR'D

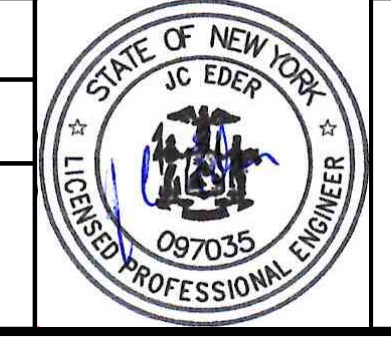
DESIGNED BY:
J. EDER

CHECKED BY:
C. PHILLIPS

DRAWN BY:
R. KANDILAH

DESIGN LEAD:
EDWARD BARBOE, P.E.

Hazen



ACCOUNTABLE MANAGER
JOSE NIEVES

PORTFOLIO MANAGER
MARK DELBALZO, P.E.

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Autodesk Docs/050300_02A_CAT-423 WOC02A-Waterfowl Mgmt Program/0200-02A_S_WFB014 12/14/2022 10:15:59 AM

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HSS SEAM LOCATION SCHEDULE

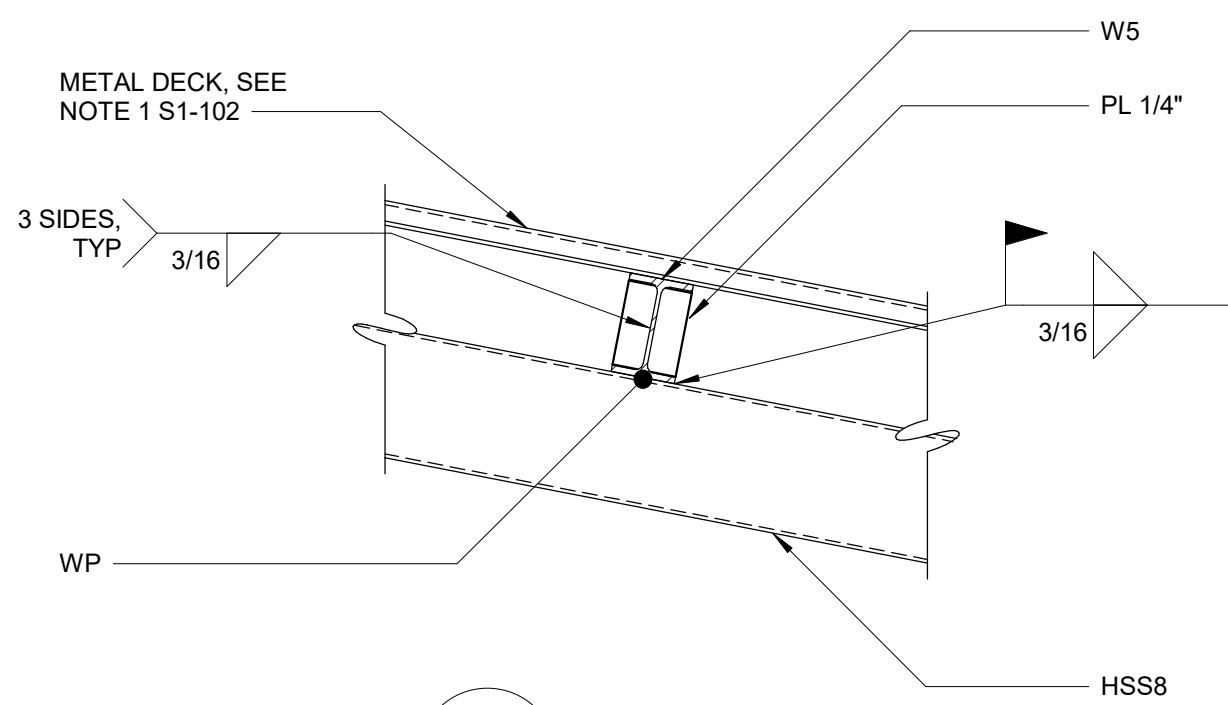
COMPONENT	LOCATION OF SEAM
COLUMNS 1E, 1F, 1G, 2B, 2C, 2D, 2E, 2G, 2H, 2.1A	WEST FACE
COLUMN 2F	NORTH OR SOUTH FACE
COLUMNS 3A, 3C, 3D, 3E, 3F, 3G, 3H	EAST FACE
COLUMN 3B	NORTH FACE
TRUSS CHORDS	TOP FACE
TRUSS DIAGONALS	TOP FACE
TRUSS VERTICAL MEMBERS	EAST OR WEST FACE
HSS8x8x1/4	TOP FACE
VERTICAL BRACING COLUMN LINE 1	WEST FACE

AESS FINISH SCHEDULE

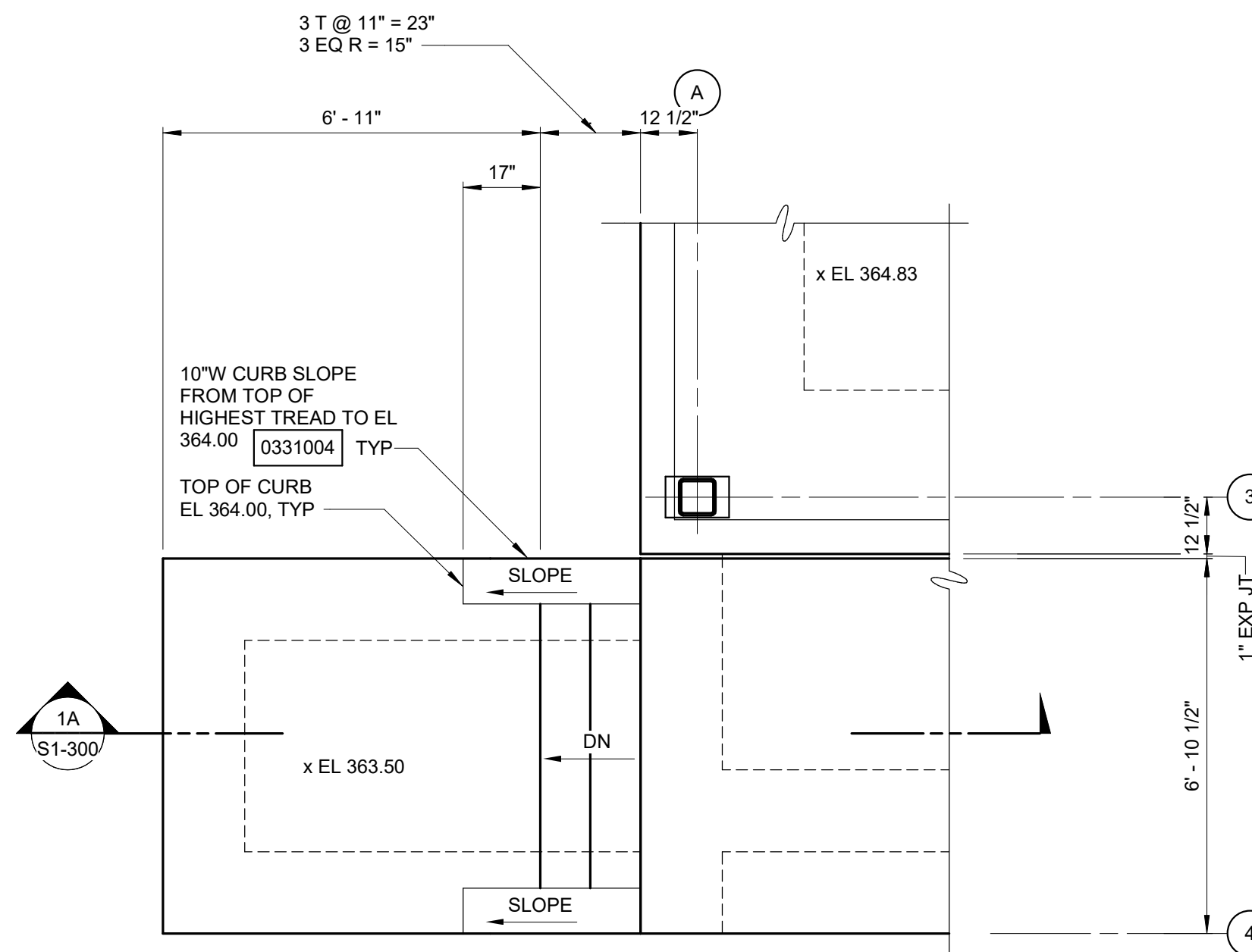
COMPONENT	FINISH	FINISH LOCATION
COLUMNS	AESS 3	ALL VISIBLE SURFACES
TRUSS CHORDS	AESS 3	BOTTOM AND SIDE SURFACES
TRUSS DIAGONALS	AESS 3	ALL FACES
TRUSS VERTICALS	AESS 3	ALL FACES
PURLINS (W5)	AESS 3	BOTTOM FACE
BEAMS	AESS 3	BOTTOM AND SIDE SURFACES
VERTICAL BRACING	AESS 3	ALL FACES
GUSSET PLATES	AESS 3	VISIBLE FACES
BASE PLATES	AESS 3	VISIBLE SURFACES
ANCHOR RODS	AESS 3	VISIBLE SURFACES

NOTE:
1. COMPONENTS NOT INDICATED MAY HAVE SEAM ON ANY FACE.

NOTES:
1. PROVIDE STANDARD FINISH WHERE AESS FINISH IS NOT INDICATED.
2. VISIBLE INDICATES ANY SURFACE THAT CAN BE SEEN FROM THE INSIDE OR THE OUTSIDE OF THE COMPLETED STRUCTURE.
3. FIELD WELDS SHALL MEET THE SAME REQUIREMENTS AS THE COMPONENTS THEY ARE APPLIED TO.

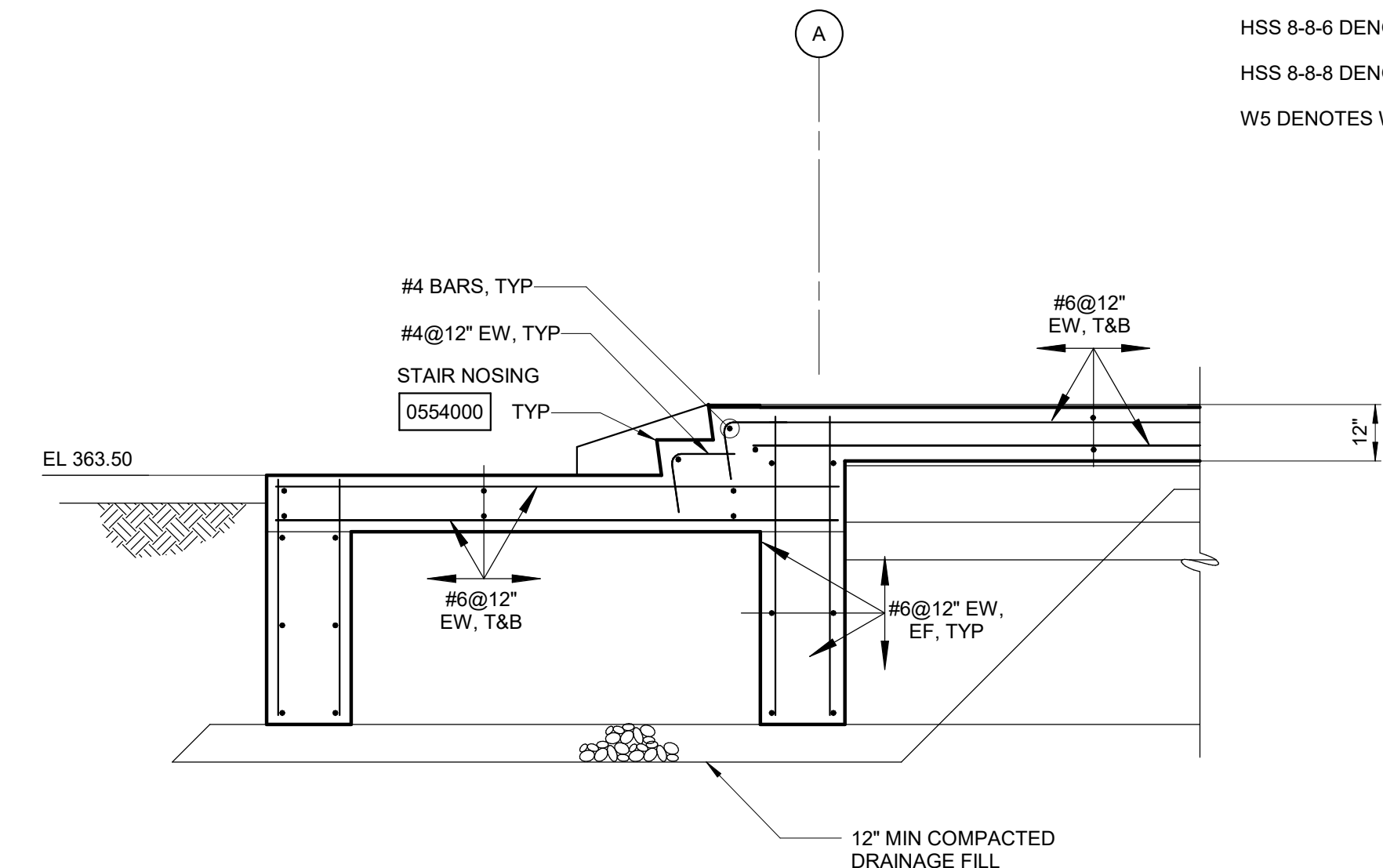


2 DETAIL
S1-200 1" = 1'-0"



1 DETAIL
S1-100 3/8" = 1'-0"

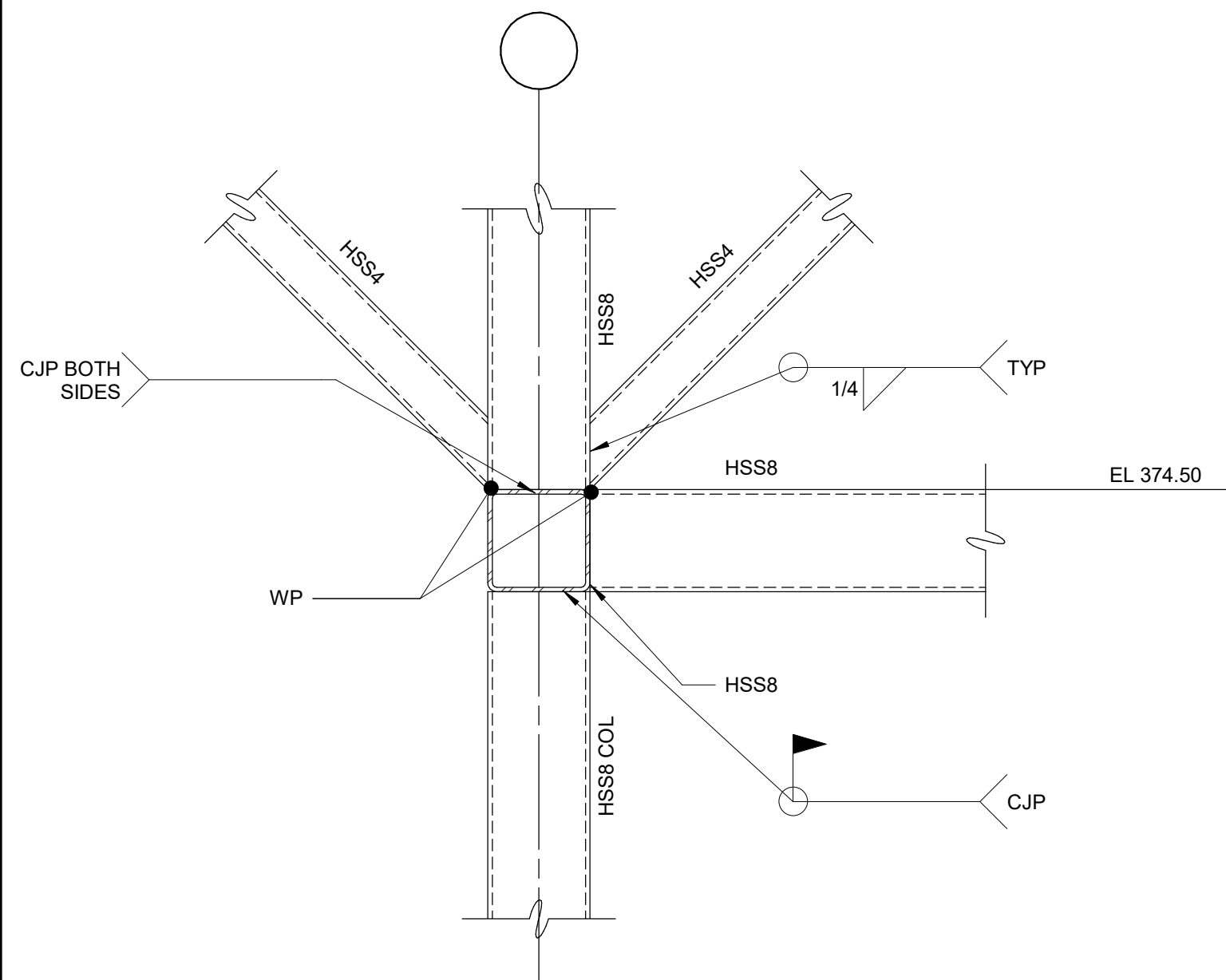
NOTE:
HANDRAIL NOT SHOWN, SEE ARCHITECTURAL DRAWINGS.



1A SECTION
S1-300 3/8" = 1'-0"

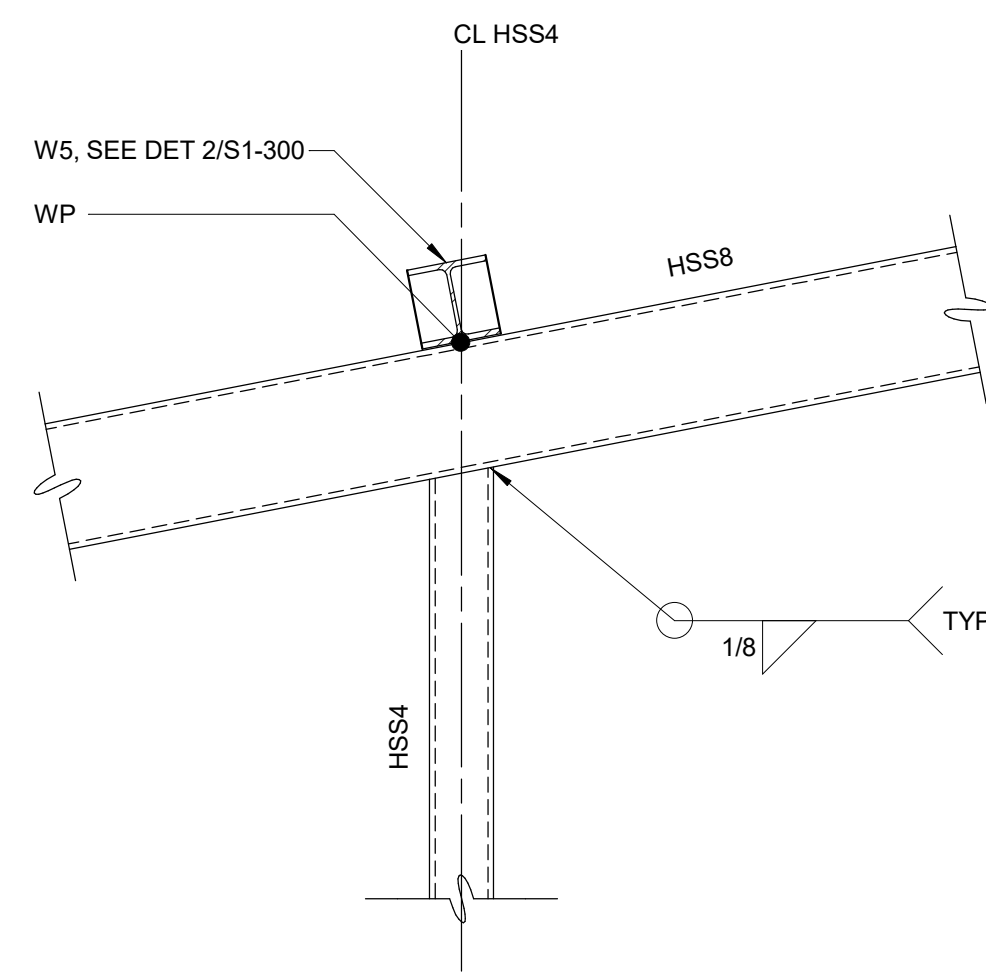
NOTES:

- HSS 3 DENOTES HSS3x3x1/4
- HSS 3-1/2 DENOTES HSS3-1/2x3-1/2x1/4 CENTERED ON COLUMN LINE
- HSS 4 DENOTES HSS4x4x1/4
- HSS 8-4 DENOTES HSS8x4x3/16 BETWEEN COLUMN LINES G AND H ONLY
- HSS 8-6 DENOTES HSS8x6x1/4
- HSS 8-8-2 DENOTES HSS8x8x1/4
- HSS 8-8-6 DENOTES HSS8x8x3/8
- HSS 8-8-8 DENOTES HSS8x8x1/2
- W5 DENOTES W5x19



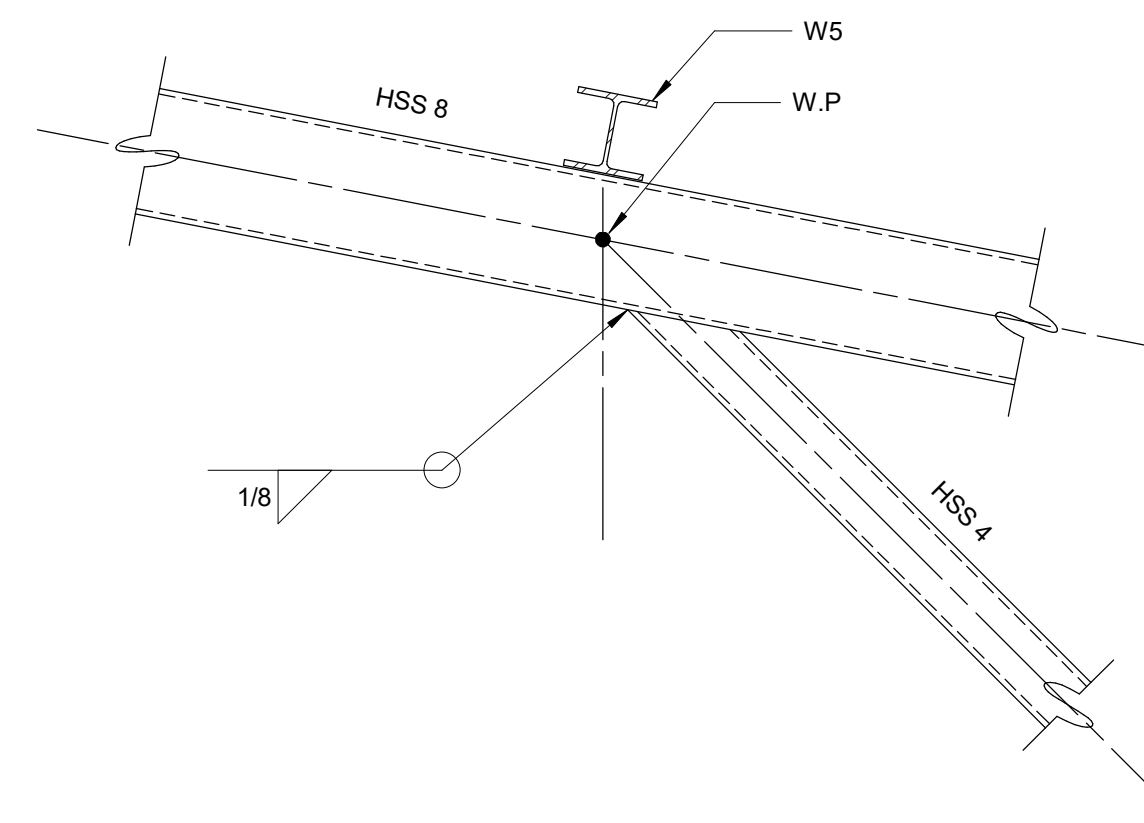
NOTES:
1. FABRICATION IN ACCORDANCE WITH AESS 3
2. PROVIDE A MOCK UP OF THIS DETAIL

3 DETAIL
S1-200 1" = 1'-0"



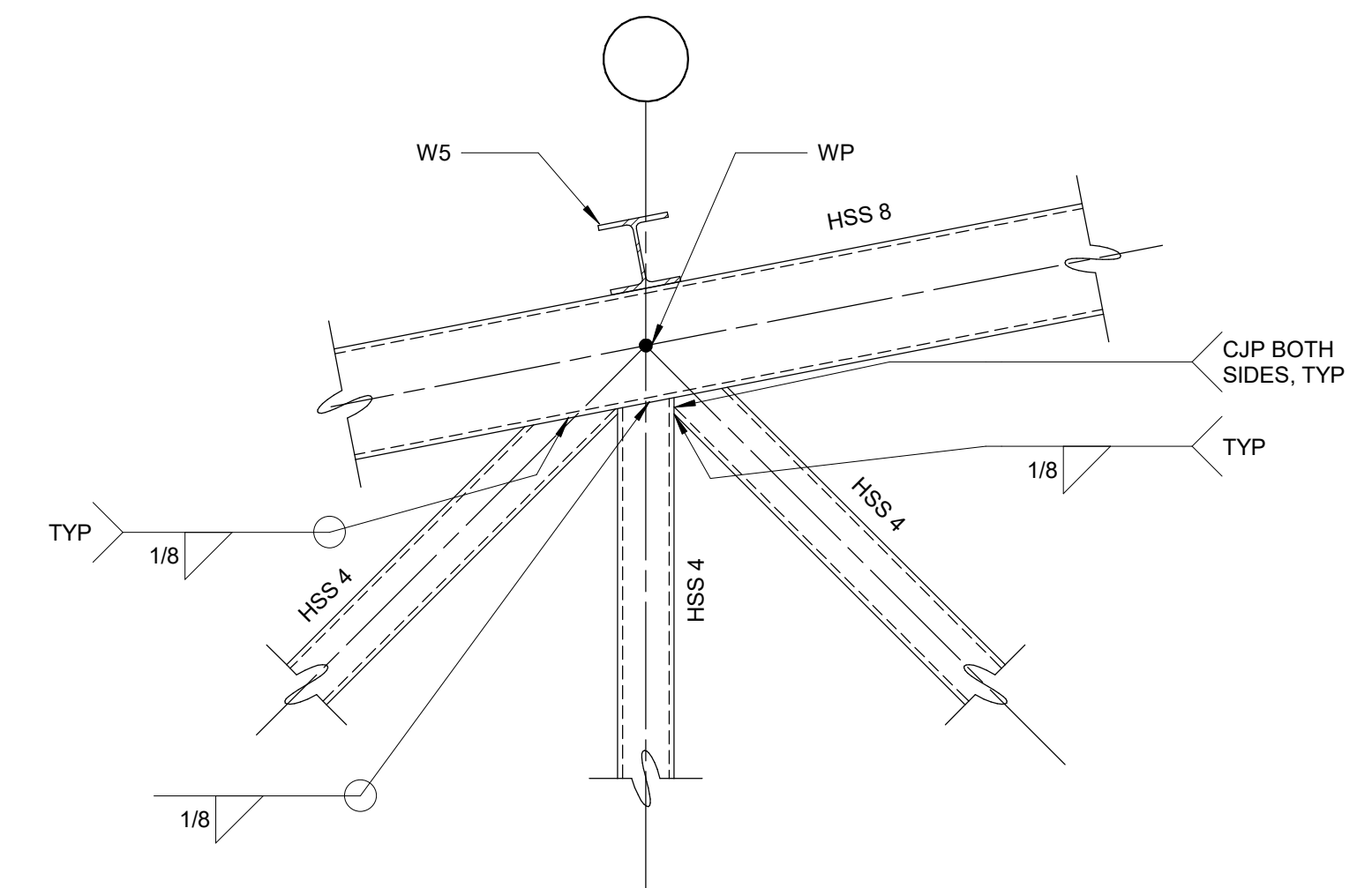
NOTE:
1. FABRICATION IN ACCORDANCE WITH AESS 3

4 DETAIL
S1-200 1" = 1'-0"



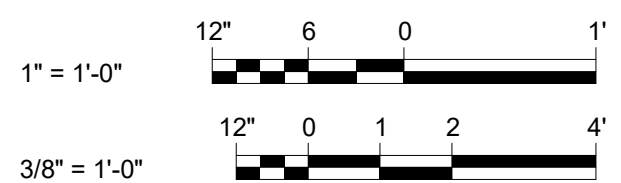
NOTE:
1. FABRICATION IN ACCORDANCE WITH AESS 3

5 DETAIL
S1-200 1" = 1'-0"



NOTES:
1. FABRICATION IN ACCORDANCE WITH AESS 3.
2. PROVIDE A MOCK UP OF THIS DETAIL.

6 DETAIL
S1-200 1" = 1'-0"



BID SET	GRAPHIC SCALES CHECK BEFORE USE
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WATERFOWL MANAGEMENT PROGRAM BUILDING AND PAVING MOUNT PLEASANT, NEW YORK STRUCTURAL SCHEDULES AND DETAILS	
DATE: JANUARY 2023 SCALE: AS NOTED SHEET NO: 39 OF No. 80 DRAWING NO. S1-300	

NO.	DATE	REVISIONS/DESCRIPTION	APPR'D

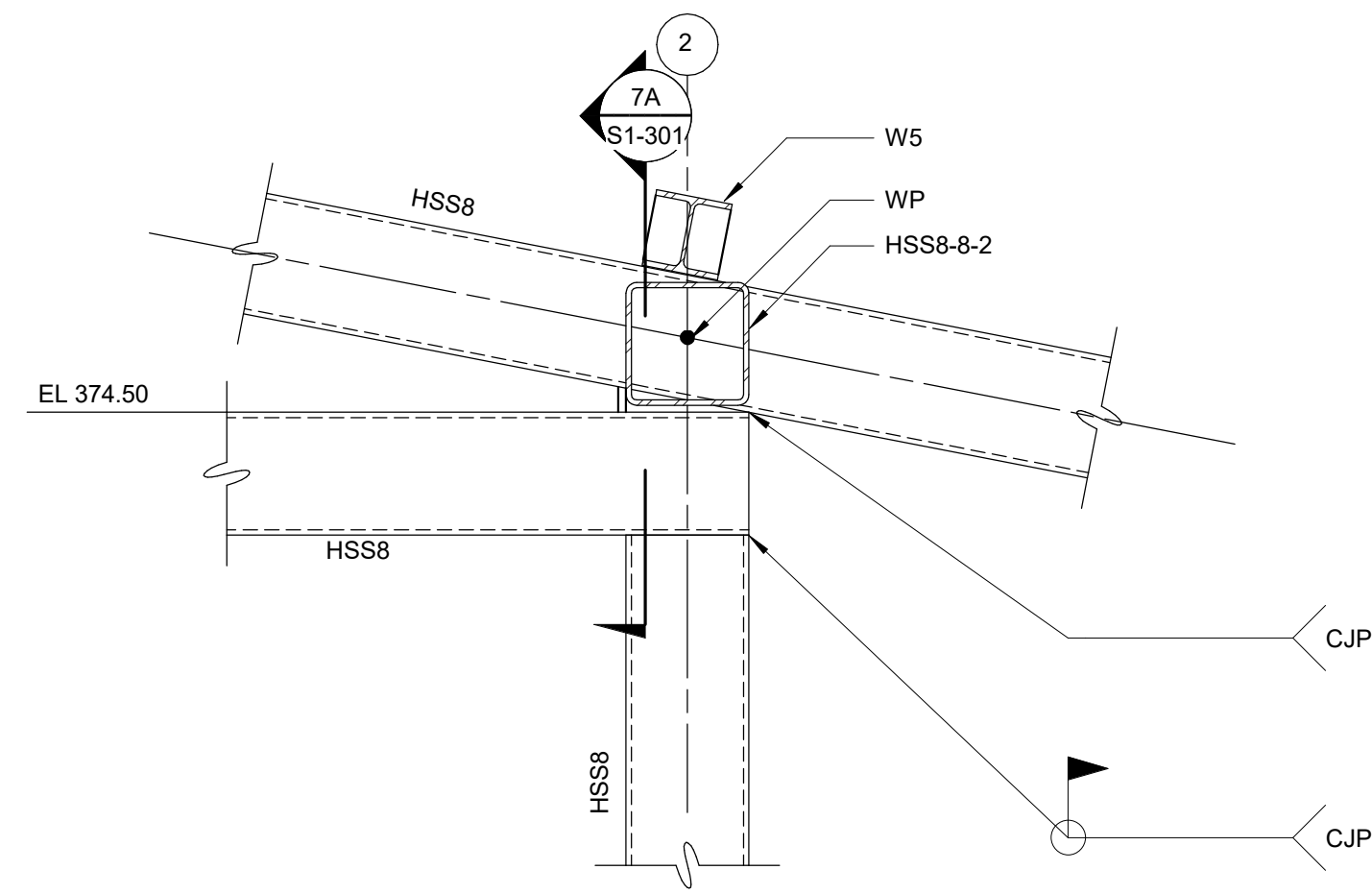
DESIGNED BY: J. EDER	DRAWN BY: R. KANDILAH
CHECKED BY: C. PHILLIPS	DESIGN LEAD: EDWARD BARBOE, P.E.
Hazen	



ACCOUNTABLE MANAGER JOSE NIEVES
PORTFOLIO MANAGER MARK DELBALZO, P.E.

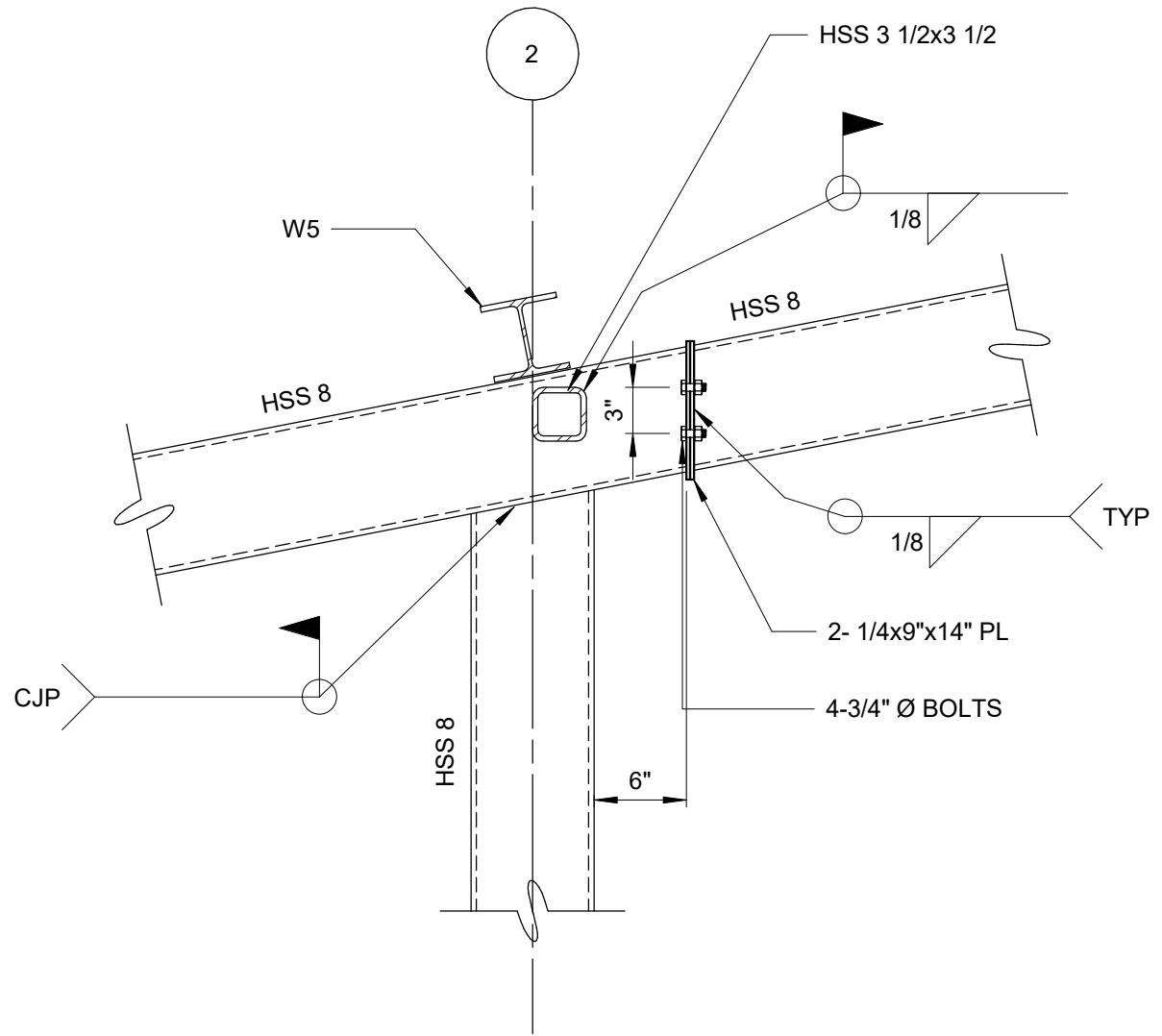
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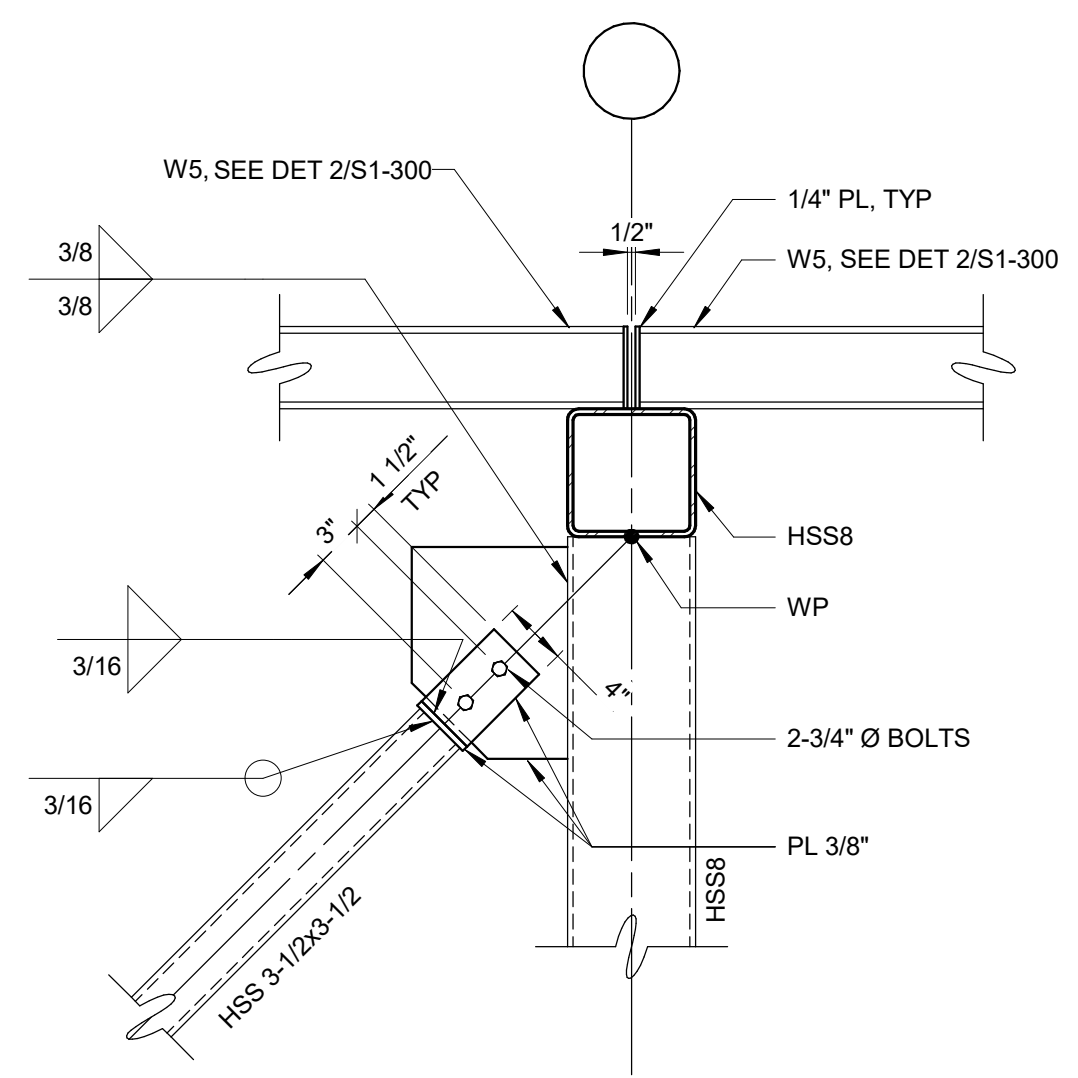
7A SECTION
S1-301 1" = 1'-0"

NOTE:
1. FABRICATION IN ACCORDANCE WITH AESS 3



8 DETAIL
S1-200 1" = 1'-0"

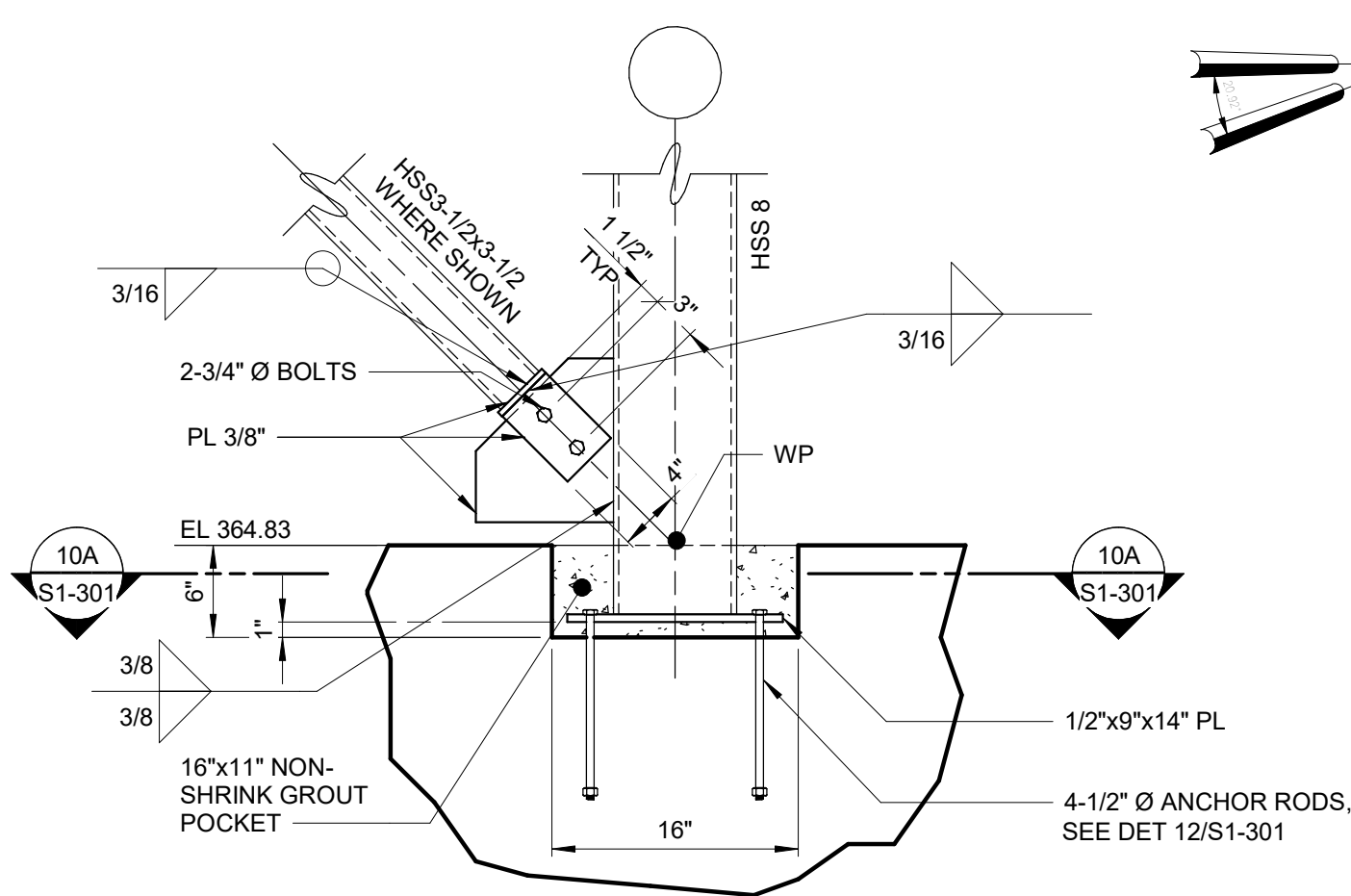
NOTES:
1. FABRICATION IN ACCORDANCE WITH AESS 3.
2. PROVIDE A MOCK UP OF THIS DETAIL.



9 DETAIL
S1-200 1" = 1'-0"

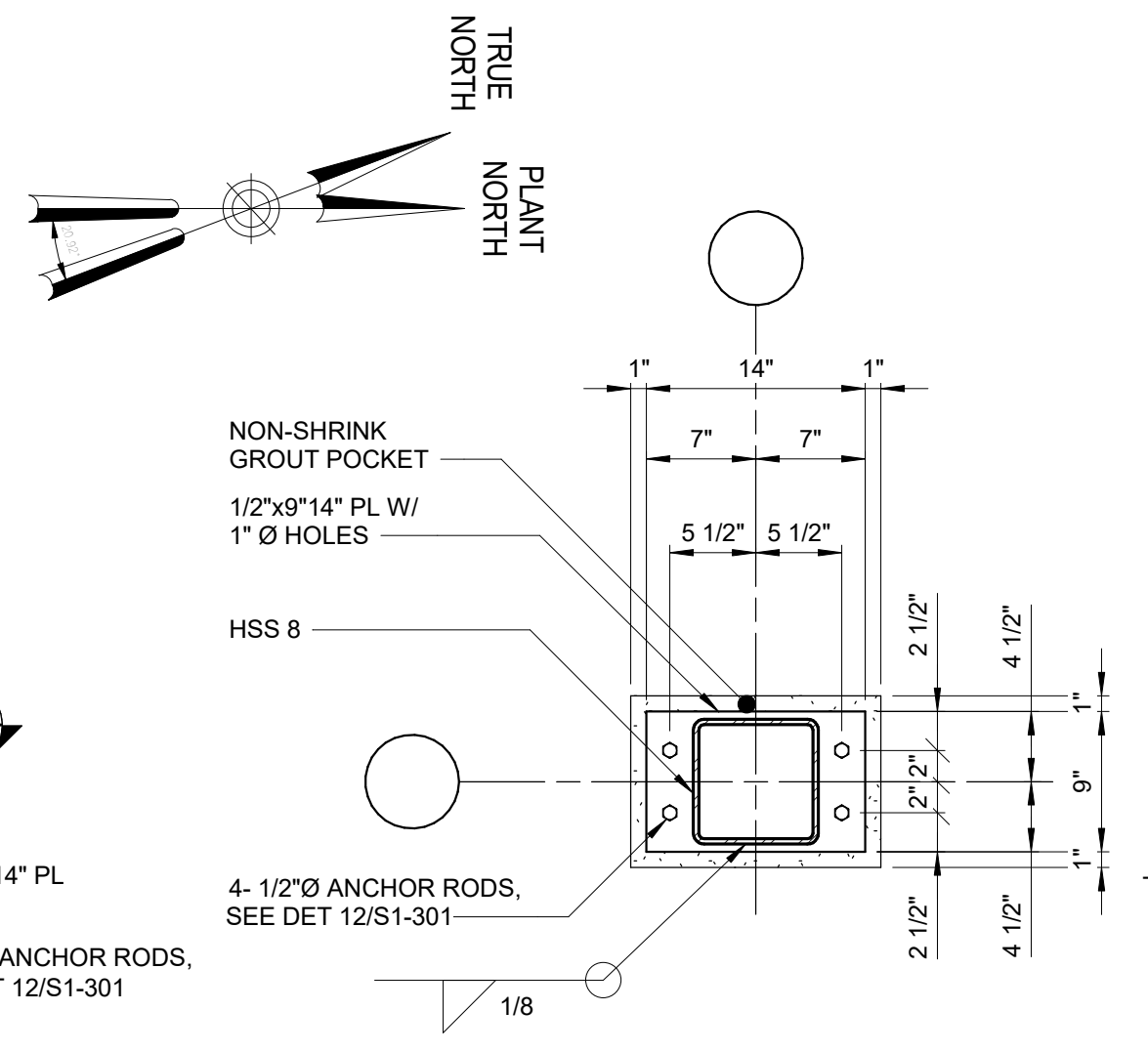
NOTES:
1. FABRICATION IN ACCORDANCE WITH AESS 3.
2. PLACE BOLT HEADS ON VISIBLE SIDE.
3. PROVIDE A MOCK UP OF THIS DETAIL.
4. PLACE HSS3-1/2 AT COL CENTERLINE.

7 DETAIL
S1-200 1" = 1'-0"

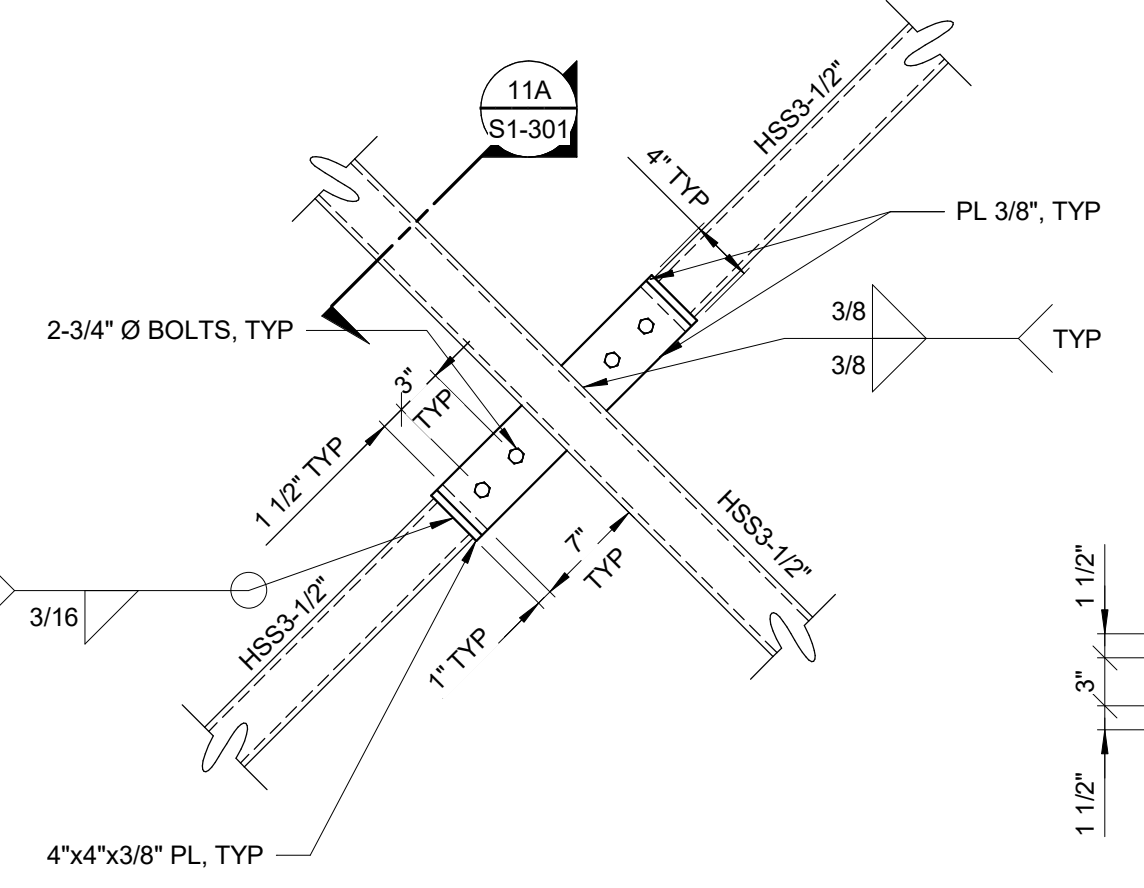


NOTES:
1. FABRICATION IN ACCORDANCE WITH AESS 3.
2. PLACE HSS3-1/2 AT COL CENTERLINE.

10 DETAIL
S1-200 1" = 1'-0"

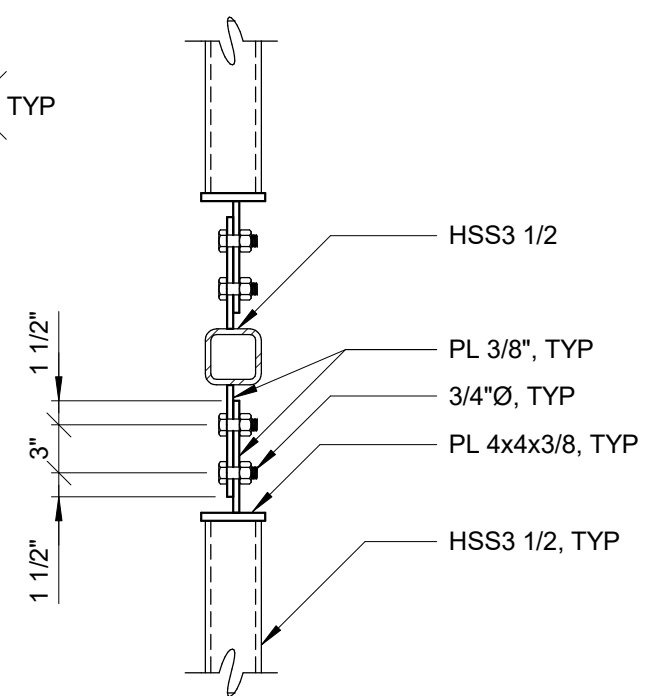


10A SECTION
S1-301 1" = 1'-0"

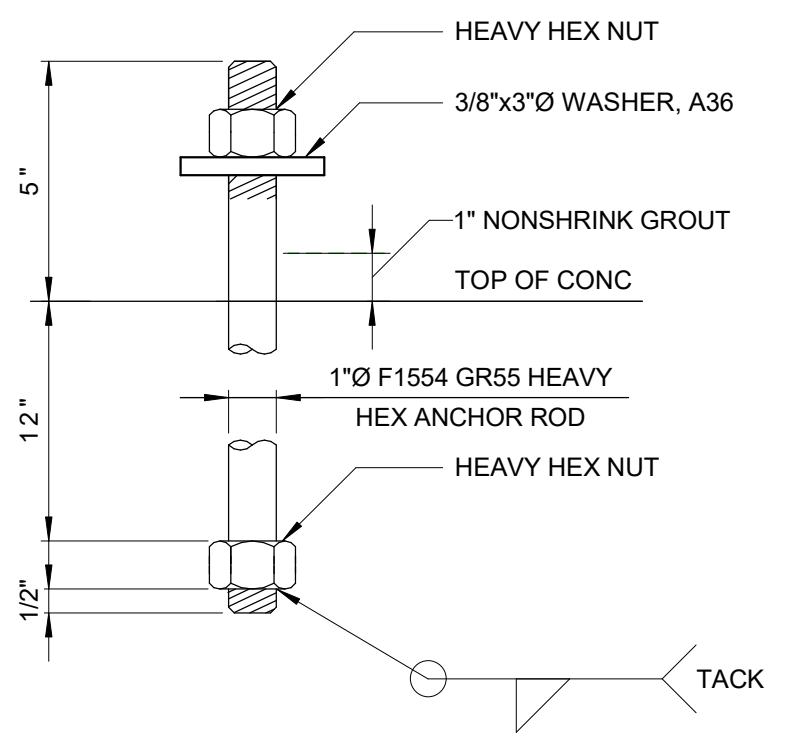


NOTES:
1. FABRICATION IN ACCORDANCE WITH AESS 3.
2. PLACE BOLT HEADS ON VISIBLE SIDE.
3. PROVIDE A MOCK UP OF THIS DETAIL.

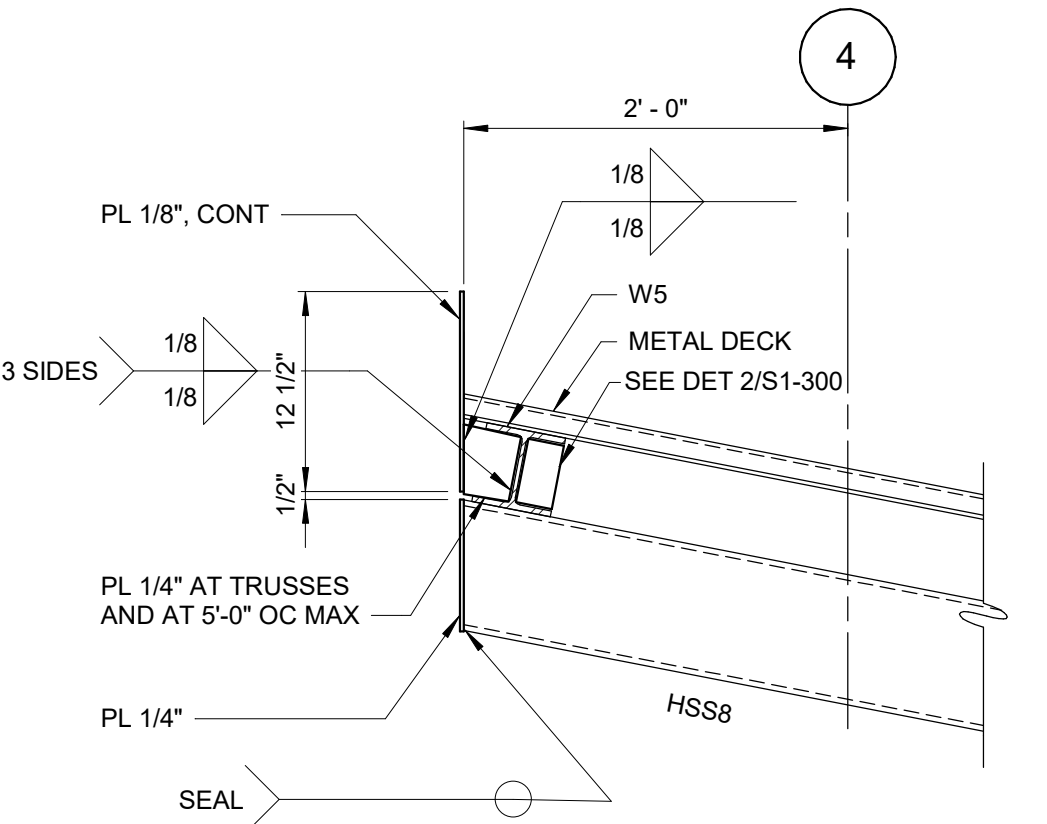
11 DETAIL
S1-200 1" = 1'-0"



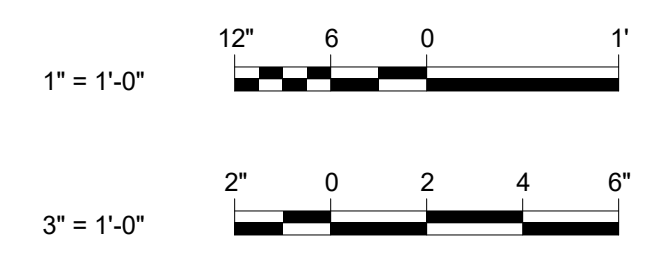
SECTION 11A
S1-301 1" = 1'-0"



12 DETAIL
S1-301 3" = 1'-0"



13 DETAIL
S1-200 1" = 1'-0"



NOTES:
1. HSS 3 DENOTES HSS3x3x1/4
HSS 3-1/2 DENOTES HSS3-1/2x3-1/2x1/4 CENTERED ON COLUMN LINE
HSS 4 DENOTES HSS4x4x1/4
HSS 8-4 DENOTES HSS8x4x3/16 BETWEEN COLUMN LINES G AND H ONLY
HSS 8-6 DENOTES HSS8x6x1/4
HSS 8-8-2 DENOTES HSS8x8x1/4
HSS 8-8-6 DENOTES HSS8x8x3/8
HSS 8-8-8 DENOTES HSS8x8x1/2
W5 DENOTES W5x19

Autodesk Docs/09/09/2024_CAT-423 WOC-02A Waterfowl Mgmt Program/09/09/2024_S_WFB141 12/14/2023 10:15:41 AM

NO.	DATE	REVISIONS/DESCRIPTION	APPR'D

DESIGNED BY:
J. EDER
CHECKED BY:
C. PHILLIPS

DRAWN BY:
R. KANDILAH
DESIGN LEAD:
EDWARD BARBOE, P.E.

Hazen



ACCOUNTABLE MANAGER
JOSE NIEVES
PORTFOLIO MANAGER
MARK DELBALZO, P.E.

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BID SET

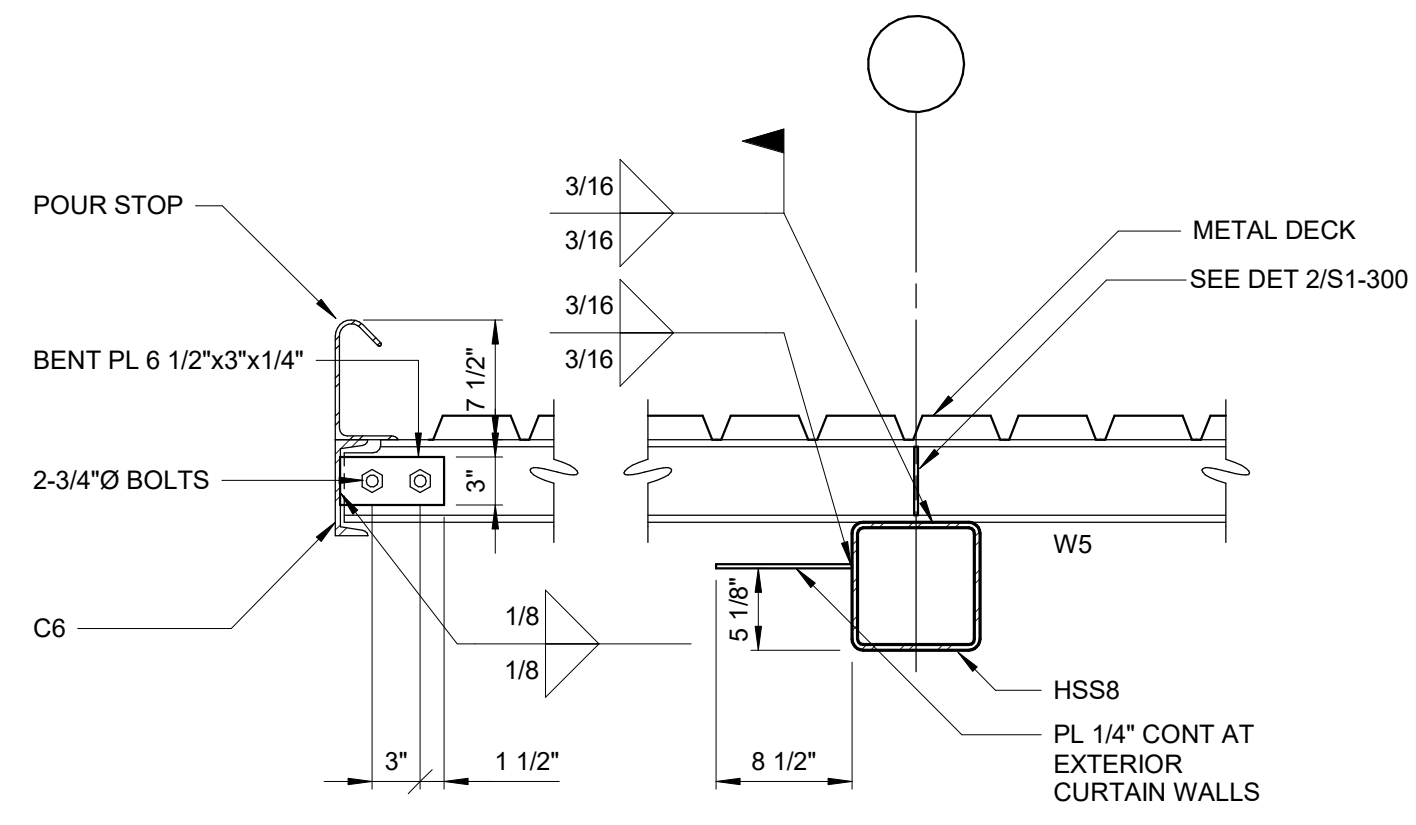
GRAPHIC SCALES
CHECK BEFORE USE

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SCALE ACCORDINGLY

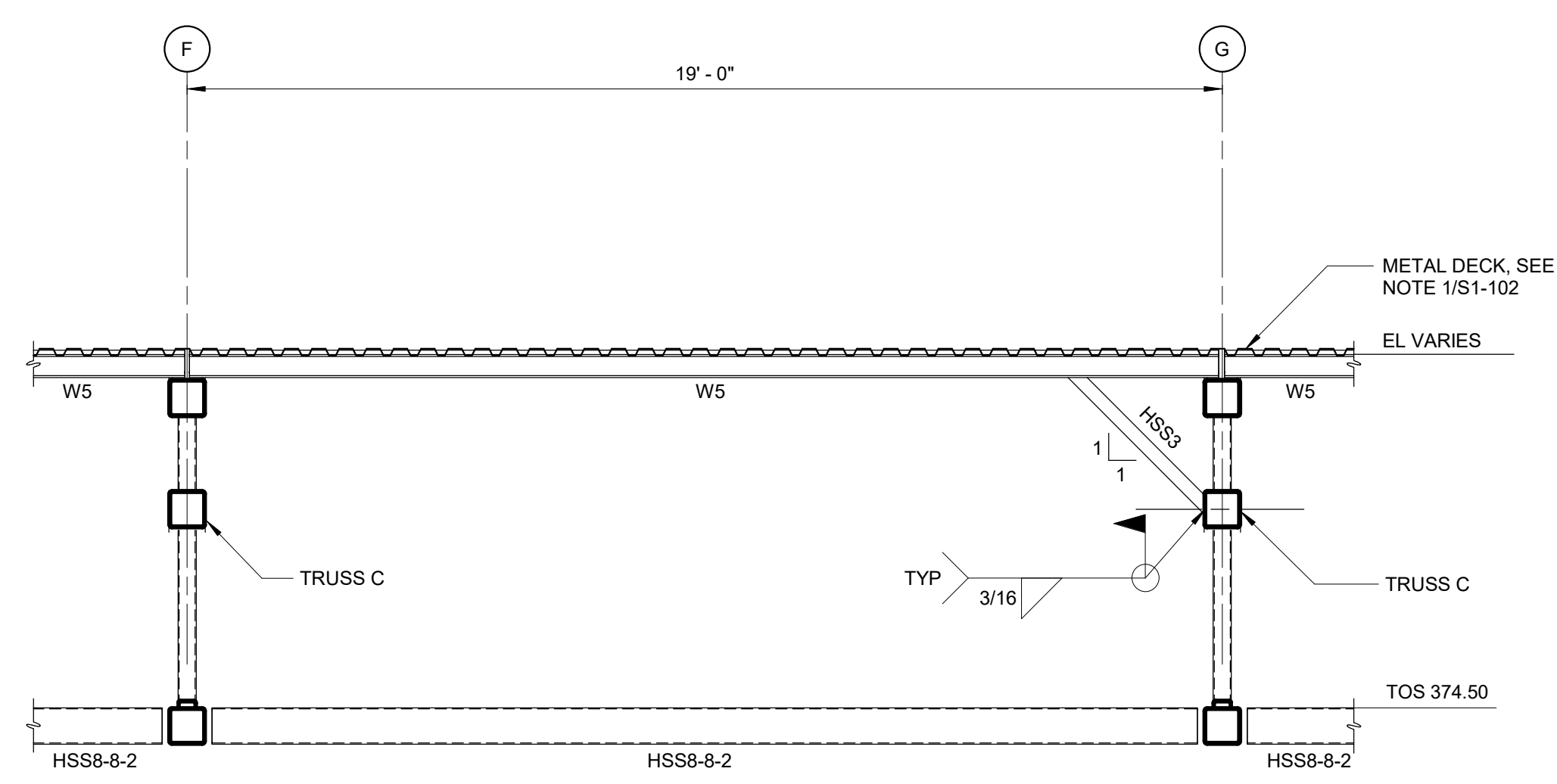
WATERFOWL MANAGEMENT PROGRAM BUILDING
AND PAVING
MOUNT PLEASANT, NEW YORK
STRUCTURAL
DETAILS

DATE: JANUARY 2023
SCALE: AS NOTED
SHEET NO:
40 OF No. 80
DRAWING NO.
S1-301

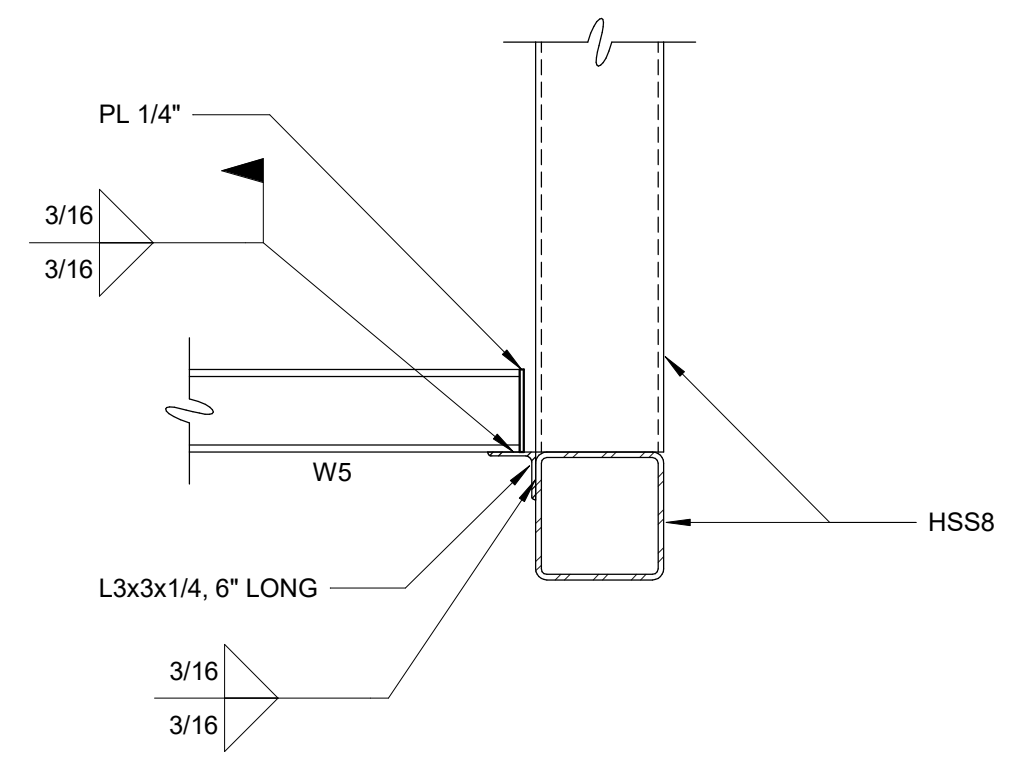
- NOTES:**
- HSS 3 DENOTES HSS3x3x1/4
 - HSS 3-1/2 DENOTES HSS3-1/2x3-1/2x1/4 CENTERED ON COLUMN LINE UNO
 - HSS 4 DENOTES HSS4x4x1/4
 - HSS 8-4 DENOTES HSS8x4x3/16 BETWEEN COLUMN LINES G AND H ONLY
 - HSS 8-6 DENOTES HSS8x6x1/4
 - HSS 8-8-2 DENOTES HSS8x8x1/4
 - HSS 8-8-6 DENOTES HSS8x8x3/8
 - HSS 8-8-8 DENOTES HSS8x8x1/2
 - W5 DENOTES W5x19
 - C6 DENOTES C6x10.5



F SECTION
S1-102 1" = 1'-0"

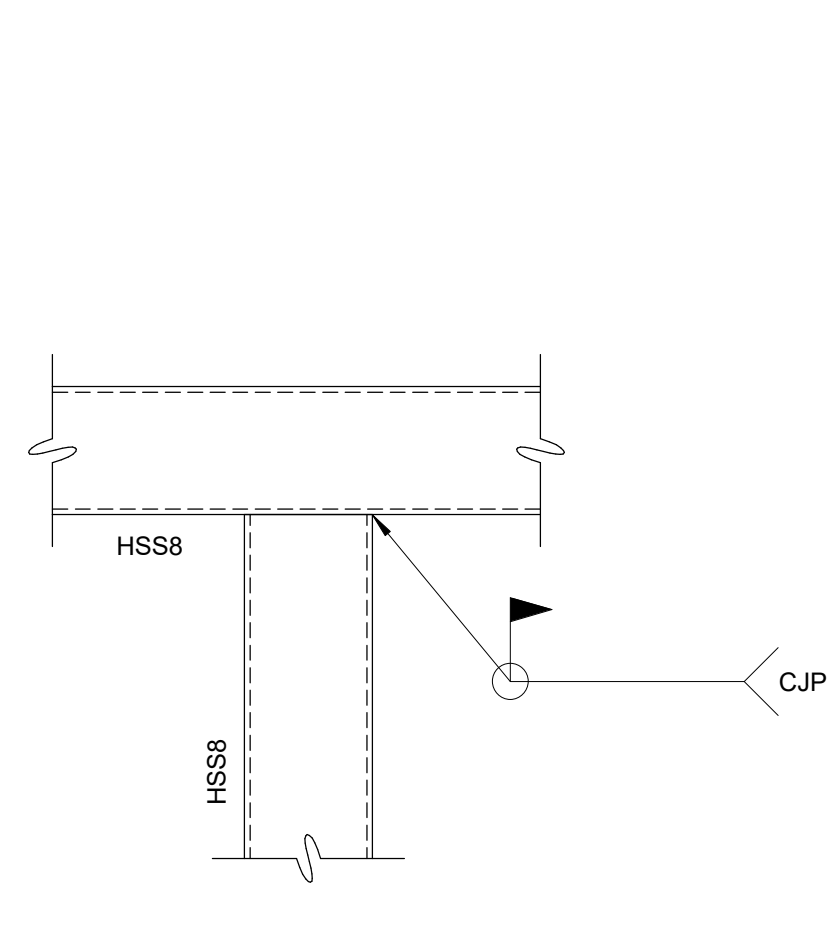


G SECTION
S1-101 3/8" = 1'-0"

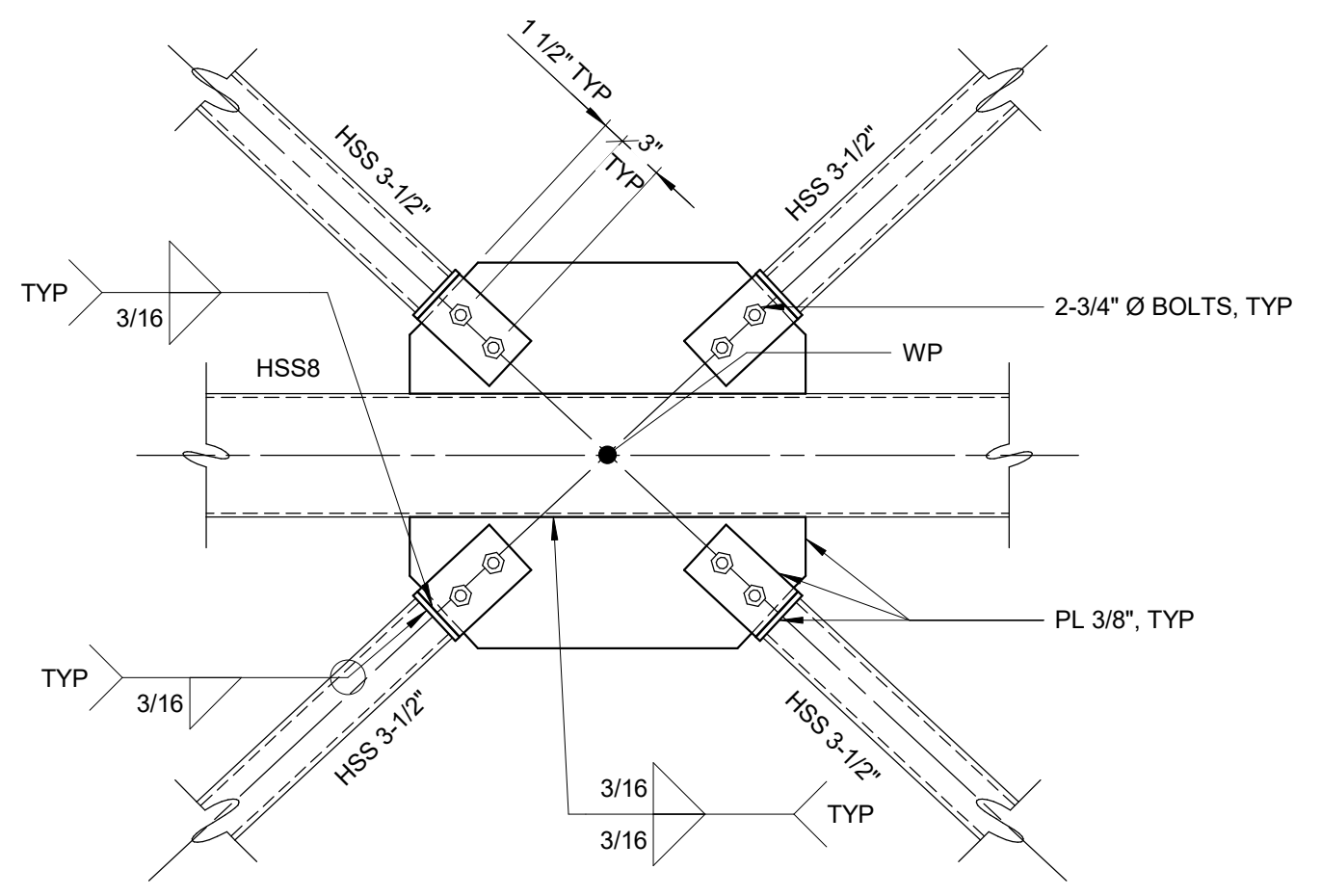


H SECTION
S1-102 1" = 1'-0"

NOTE:
1. SEE DETAIL 2 AND DETAIL 4 ON S1-300 FOR ADDITIONAL INFORMATION.

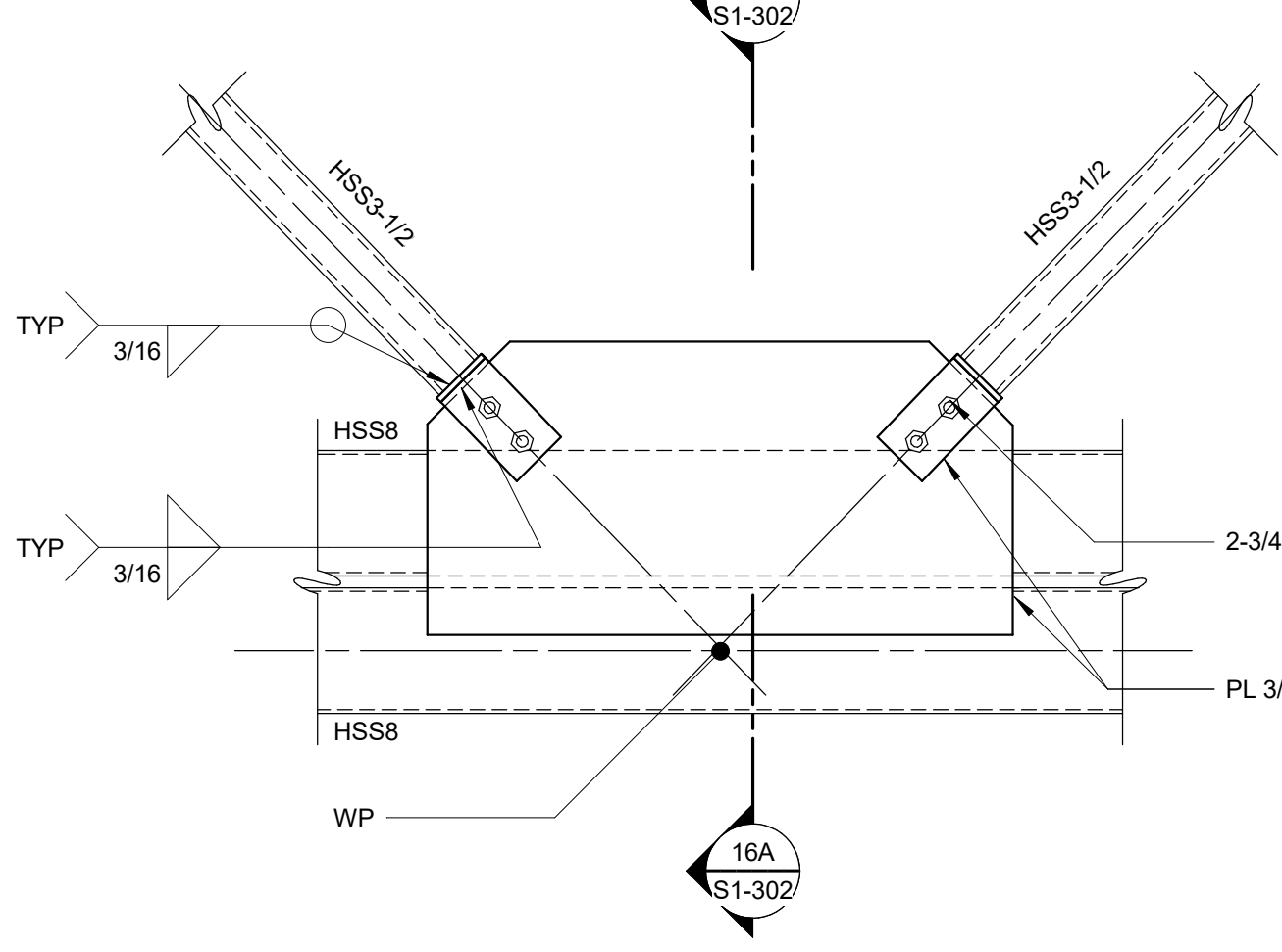


14 DETAIL
S1-101 1" = 1'-0"

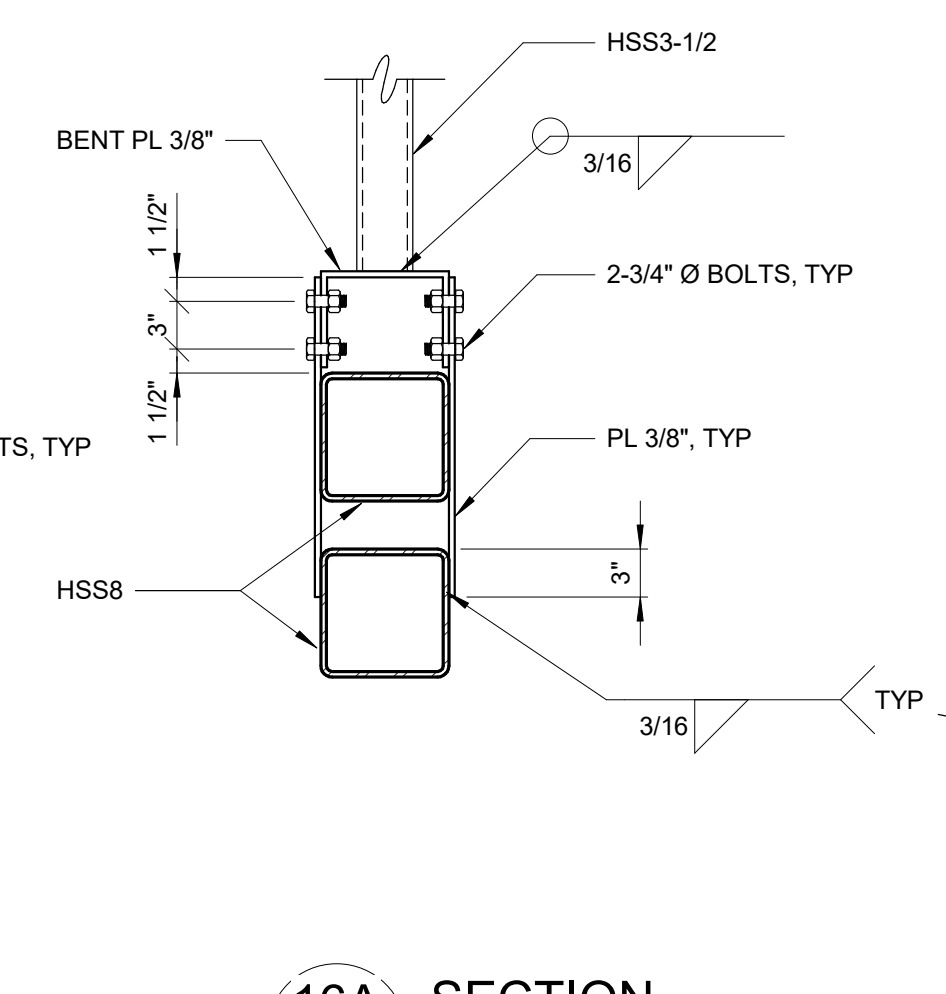


15 DETAIL
S1-201 1" = 1'-0"

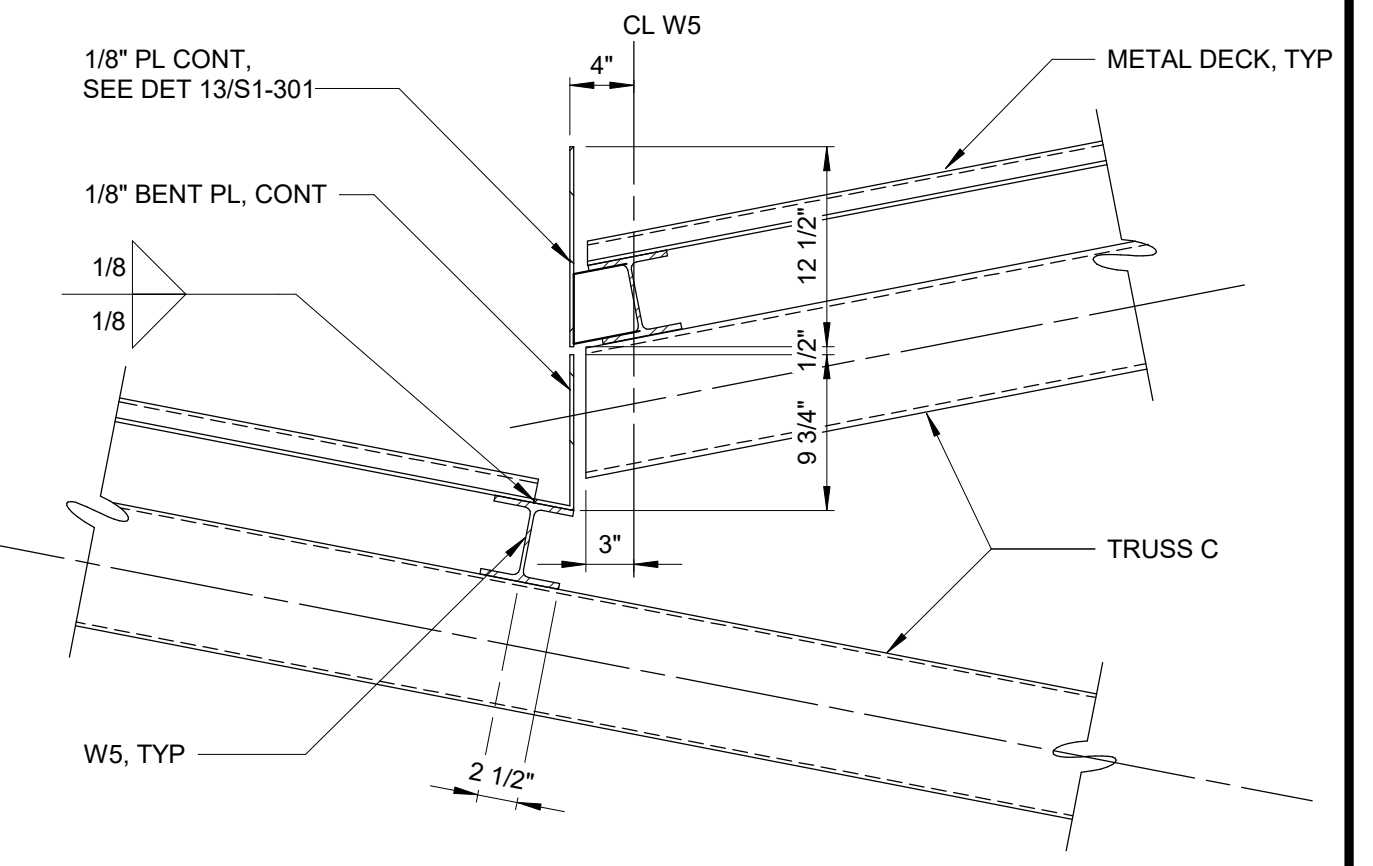
- NOTES:**
- FABRICATION IN ACCORDANCE WITH AESS 3.
 - PLACE BOLT HEADS ON VISIBLE SIDE.
 - PROVIDE A MOCK UP OF THIS DETAIL.
 - PLACE HSS 3-1/2 AT COLUMN CENTERLINE.



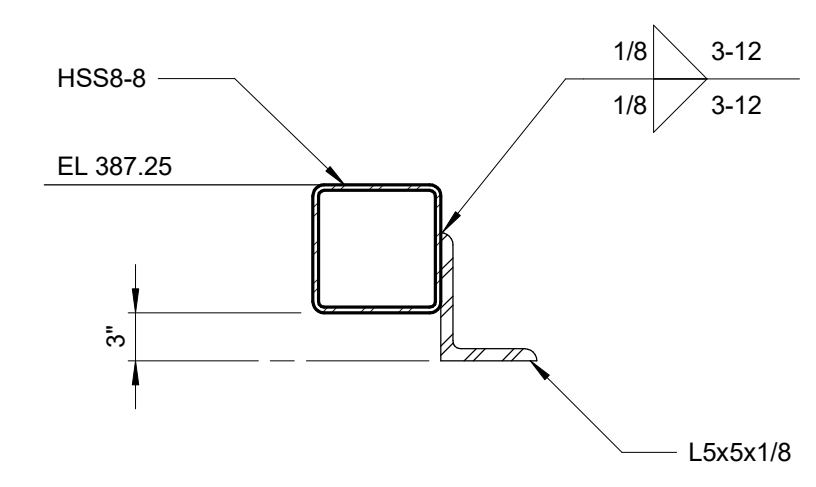
16 DETAIL
S1-201 1" = 1'-0"



16A SECTION
S1-302 1" = 1'-0"

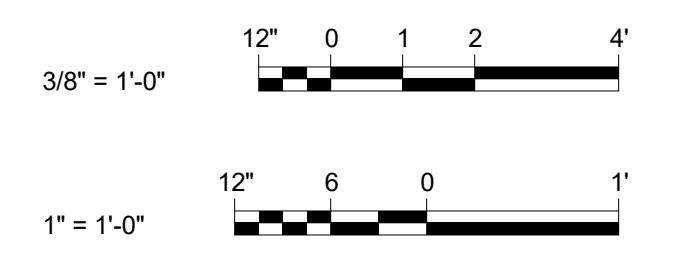


18 DETAIL
S1-200 1" = 1'-0"



17 DETAIL
S1-200 1" = 1'-0"

NOTE:
WELD ANGLES TO COLUMNS ACROSS ENTIRE FACE OF COLUMN.



Autodesk Docs/0929020A_CAT-423 WOC02A-Waterfowl Mgmt Program/0929020A_S_WFB041 12/14/2022 10:15:42 AM

NO.	DATE	REVISIONS/DESCRIPTION	APPR'D

DESIGNED BY:
J. EDER

CHECKED BY:
C. PHILLIPS

DRAWN BY:
R. KANDILAH

DESIGN LEAD:
EDWARD BARBOE, P.E.

Hazen



ACCOUNTABLE MANAGER
JOSE NIEVES

PORTFOLIO MANAGER
MARK DELBALZO, P.E.

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BID SET

WATERFOWL MANAGEMENT PROGRAM BUILDING AND PAVING
MOUNT PLEASANT, NEW YORK

STRUCTURAL DETAILS

GRAPHIC SCALES
CHECK BEFORE USE

IF SHEET IS LESS THAN 22"x34"
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SCALE ACCORDINGLY

DATE: JANUARY 2023

SCALE:

SHEET NO:
41 OF No. 80

DRAWING NO.
S1-302

All inquiries regarding this drawing(s) or project should be made to NYC Environmental Protection, Bureau of Engineering Design and Construction.

GENERAL NOTES

- WORK SHALL BE IN CONFORMANCE WITH APPLICABLE REQUIREMENTS OF LOCAL GOVERNING CODES, INCLUDING BUT NOT LIMITED TO N.Y.S DEPT. OF LABOR, HEALTH CODE, FIRE DEPARTMENT REGULATIONS, NFPA, OSHA CODES, ICC A117.1 (2009), AND NEW YORK STATE UNIFORM FIRE PREVENTION (2020 EDITION) & BUILDING CODE (2020 EDITION).
- WORK SHALL BE EXECUTED IN FULL COMPLIANCE WITH THE APPLICABLE PROVISIONS OF ALL LAWS, BY-LAWS, STATUTES, ORDINANCES, CODES, RULES, REGULATIONS AND LAWFUL ORDERS OF PUBLIC AUTHORITIES BEARING ON THE PERFORMANCE AND EXECUTION OF THE WORK.
- CONTRACTOR SHALL PROMPTLY NOTIFY THE ARCHITECT OF ANY PORTIONS OF THE WORK, IN THE CONTRACT DOCUMENTS THAT ARE AT VARIANCE WITH THE ABOVE.
- ALL PERMITS ISSUED SHALL BE POSTED IN A CONSPICUOUS PLACE OPEN TO THE PUBLIC INSPECTION UNTIL THE COMPLETION OF THE WORK OR THE USE AND THE OPERATION OF THE EQUIPMENT OR UNTIL THE EXPIRATION OF THE PERMIT.
- DRAWINGS ARE NOT TO BE SCALED. USE DIMENSIONS ONLY. ALL DIMENSIONS AND CONDITIONS SHOWN ON THE DRAWINGS MUST BE VERIFIED AT THE SITE BEFORE ORDERING ANY MATERIAL OR DOING ANY WORK. WHERE DISCREPANCIES OCCUR AND/OR WHERE THERE ARE CONFLICTS OR OMISSIONS IN THE DRAWINGS, SPECIFICATIONS AND APPLICATIONS, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT IMMEDIATELY AND REFRAIN FROM STARTING AND COMPLETING SUCH WORK, OR DEPENDENT WORK, UNTIL DIRECTED BY ARCHITECT TO PROCEED. NO CHANGE IN DRAWINGS OR SPECIFICATIONS IS PERMISSIBLE WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT.
- EXTERIOR DIMENSIONS ARE TO THE FACE OF STRUCTURE UNLESS OTHERWISE NOTED.
- MECHANICAL AND ELECTRICAL INDICATIONS ON ARCHITECTURAL DRAWINGS ARE FOR LOCATION PURPOSES ONLY.
- THE HARDWARE AND FIXTURES SHOWN IN DRAWINGS IS FOR GRAPHIC PURPOSES ONLY. REFER TO THE FINISH HARDWARE SCHEDULE IN SPECIFICATIONS.
- ADDITIONAL NOTES APPLICABLE TO THIS PROJECT MAY BE FOUND THROUGHOUT THE CONSTRUCTION DOCUMENTS.
- WHERE MANUFACTURER'S NAMES AND PRODUCT NUMBERS ARE INDICATED ON THE DRAWINGS IT SHALL BE CONSTRUED TO MEAN THE ESTABLISHING OF QUALITY AND PERFORMANCE STANDARDS OF SUCH ITEMS. ALL PRODUCTS MUST BE SUBMITTED TO THE ARCHITECT FOR REVIEW AND APPROVAL BEFORE THEY SHALL BE DEEMED EQUAL.
- THE WORD "PROVIDE" MEANS TO FURNISH AND INSTALL NEW ITEM(S) AND/OR SYSTEM(S).
- CONTRACTOR SHALL KEEP WORK SITE FREE FROM DEBRIS AND ACCUMULATED REFUSE, AND SHALL HAVE SOLE RESPONSIBILITY FOR PROTECTING ALL DANGEROUS AREAS FROM ENTRY BY UNAUTHORIZED PARTIES. SITE WILL BE LEFT BROOM CLEAN AT THE END OF EACH WORKING DAY.
- UNLESS OTHERWISE SHOWN ON THE CONTRACT DRAWINGS, REMOVE DEBRIS FROM THE CONSTRUCTION SITE AND DISPOSE OF DEBRIS, RUBBISH AND OTHER MATERIALS RESULTING FROM ALL CONSTRUCTION OPERATIONS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ADEQUATELY BRACING AND PROTECTING WORK AGAINST DAMAGE, BREAKAGE, COLLAPSE, DISTORTIONS, AND OFF ALIGNMENTS ACCORDING TO CODES AND STANDARDS OF GOOD PRACTICE.
- CONTRACTOR SHALL LAY OUT HIS OWN WORK, AND SHALL PROVIDE ALL DIMENSIONS REQUIRED FOR OTHER TRADES.
- CONTRACTOR SHALL PERFORM ALL CUTTING AND PATCHING REQUIRED TO COMPLETE THE WORK OR TO MAKE ITS PARTS FIT TOGETHER PROPERLY WITH ADJACENT CONSTRUCTION WITHOUT COMPROMISING THE QUALITY OF THE WORK.
- CONTRACTOR SHALL PATCH AND REPAIR FLOORS, WALLS CEILINGS, ETC., DAMAGED OR EXPOSED DUE TO MEP WORK AND FINISH TO MATCH ADJOINING SURFACES TO THE SATISFACTION OF THE ARCHITECT AND OWNER. COORDINATE WORK WITH MEP DRAWINGS.
- WORK SHALL BE INSTALLED SO THAT ALL PARTS REQUIRED ARE READILY ACCESSIBLE FOR INSPECTION, OPERATION, MAINTENANCE AND REPAIR.
- CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL ASPECTS OF WORK UNDER THIS CONTRACT IN ORDER TO ENSURE THE QUALITY AND TIMELY COMPLETION OF THE WORK.
- CONTRACTOR SHALL GUARANTEE MATERIALS AND WORKMANSHIP IN THIS CONTRACT FOR A PERIOD OF ONE (ONE) YEAR FOLLOWING ARCHITECT'S CERTIFICATION OF SUBSTANTIAL COMPLETION, AND SHALL REMEDY ANY DEFECTS IN SUCH WORK THAT ARISE DURING THAT TIME AT NO COST TO THE OWNER.
- CONTRACTOR SHALL PROVIDE CONCEALED BLOCKING AND/OR GROUNDS WHERE REQUIRED BY NEW CONSTRUCTION AND OWNER SUPPLIED FURNISHINGS AND EQUIPMENT.
- FIRE STOPPING IS REQUIRED AT ALL WALL, FLOOR AND CEILING PENETRATIONS. FIRE STOPPING SHALL MEET THE REQUIRED FIRE RATING OF THE CONSTRUCTION.
- CONTRACTOR'S EQUIPMENT AND MATERIALS TO REMAIN ON SITE DURING THE COURSE OF WORK SHALL AT THE END OF EACH DAY BE STORED IN THE PROVIDED STAGING AREA.

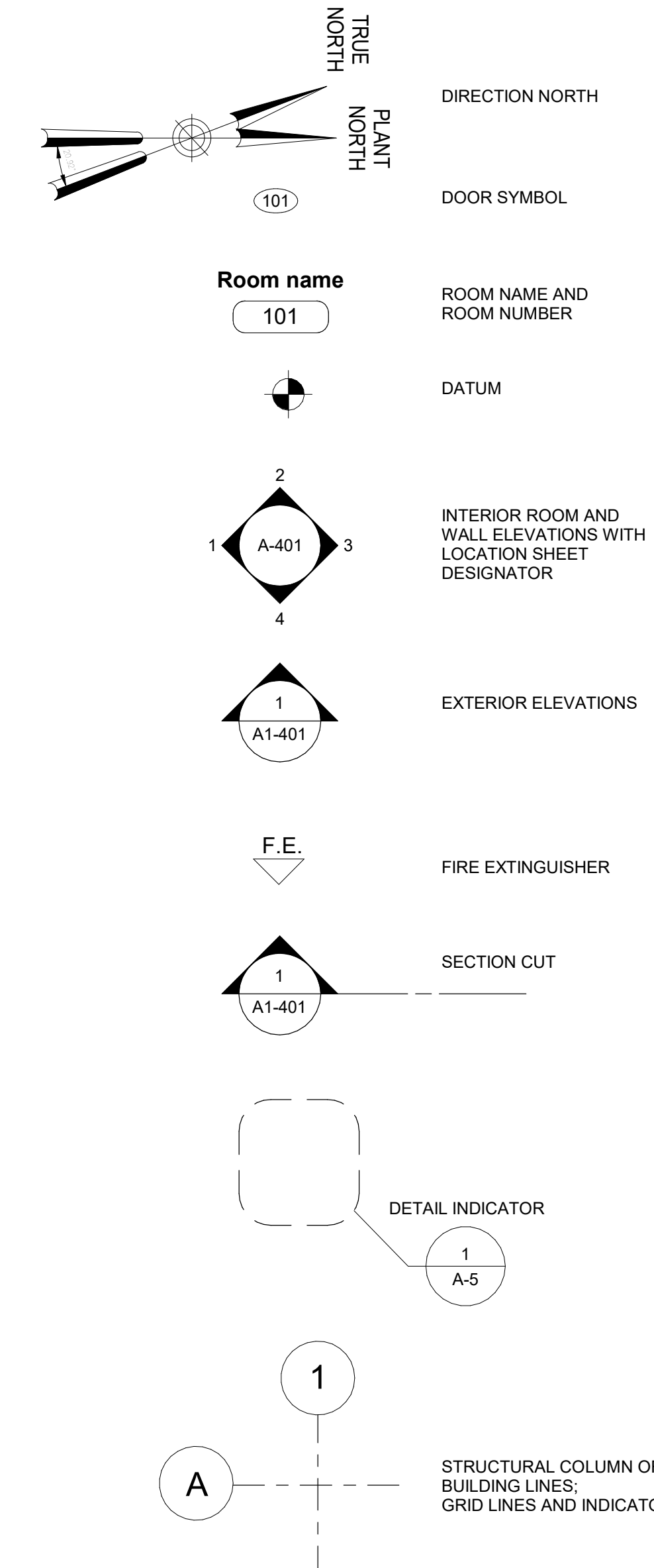
ARCHITECTURAL ABBREVIATIONS

"A"		"G"		"P"	
&	AND	GA	GAGE / GAUGE	PAR	PARALLEL
@	AT	GALV	GALVANIZED	PART.	PARTITION
AB	ANCHOR BOLTS	GB	GRADE BEAM / GRAB BAR	PERF	PERFORATED
ABR	ABRASIVE	GL	GLASS	PF	PURGE FAN
ACT	ACOUSTICAL CEILING TILE	GR	GRADE	PJ	PANEL JOINT
ADD'L	ADDITIONAL CEILING TILE	GRD	GROUND	PL	PLATE
ADJ	ADJUSTABLE	GS	GALVANIZED STEEL	PLWD	PLYWOOD
AFF	ABOVE FINISHED FLOOR	GVL	GRAVEL	PLUMB.	PLUMBING
ALT	ALTERNATE	GWB	GYPSUM WALL BOARD	PNL	PANEL
ALUM	ALUMINUM	"H"		PR	PAIR
APPD	APPROVED	HB	HOSE BIBB	PRE	POWER ROOF EXHAUSTER
ARRROX	APPROXIMATE	HD	HEAD	PREFAB	PREFABRICATED
ARCH	ARCHITECTURAL	HDW	HARDWARE	PREFIN	PRE FINISHED
ASPH	ASPHALT	HGT	HEIGHT	PRI	PRIMARY
"B"		HM	HOLLOW METAL	PRMLD	PRE MOLDED
B OR BOT	BOTTOM	HMD	HOLLOW METAL DOOR	PT	PRESSURE TREATED
B / OR BO	BOTTOM OF	HMF	HOLLOW METAL FRAME	P.T.	PAINT / PAINTED
BD	BOARD	HORIZ	HORIZONTAL	PVC	POLYVINYL CHLORIDE
BFF	BELOW FINISHED FLOOR	HP	HIGH POINT	PVT	PAVEMENT
BIT	BITUMINOUS	HVAC	HEATING, VENTILATING AND AIR CONDITIONING	PWE	POWER WALL EXHAUSTER
BLDG	BUILDING	"I"		"Q"	
BLK	BLOCK / BLOCKING	I.F.	INSIDE FACE	QUAL	QUALITY
BM	BEAM	INCL	INCLUDING / INCLUDING	QTY	QUANTITY
BOD	BOTTOM OF DUCT	IND	INDUSTRIAL	"R"	
BOL	BOTTOM OF LOUVER	INFO	INFORMATION	RAD	RADIUS
BOP	BOTTOM OF PIPE	INSUL	INSULATION / INSULATED	RB	ROOF BEAM
BRG	BEARING	INT	INTERIOR	RD	ROOF DRAIN
"C"		INV	INVERT	RECT	RECTANGLE / RECTANGULAR
CJ	CONTROL JOINT	"J"		REF	REFERENCE
CANTIL	CANTILEVER	JST	JOIST	REINF	REINFORCE
CEM	CEMENT	JT	JOINT	REQD	REQUIRED
CHAN	CHANNEL	"K"		REV	REVISION / REVISED
CHEM	CHEMICAL RESISTANT	KD	KNOCK DOWN	RFG	ROOFING
CL	CENTERLINE	KFS	KIPS PER SQUARE FOOT	RM	ROOM
CLG	CEILING	KFT	KIP FOOT	RO	ROUGH OPENING
CLR	CLEAR	KP	KICK PLATE	"S"	
CMU	CONCRETE MASONRY UNITS COLUMN COMBINATION	"L"		S	SOUTH
COL	UNITS COLUMN COMBINATION	L	ANGLE	S/C	SITE/CIVIL
COMBO	COMBINATION	LAM	LAMINATE	SCH	SCHEDULE
CONC	CONCRETE	LB	POUND	SEC	SECOND
CONST	CONSTRUCTION	LBS	POUNDS	SECT	SECTION
CONST JT	CONSTRUCTION JOINT	LF	LINEAR FEET	SF	SQUARE FOOT
CONT	CONTINUE / CONTINUOUS CONTINUED CONTRACT / CONTRACTOR COORDINATE	LG	LENGTH / LONG	SM	SIMILAR
CONTR	CONTRACT / CONTRACTOR COORDINATE	LLH	LONG LEG HORIZONTAL	SHT	SHEET
COORD	COORDINATE	LLV	LONG LEG VERTICAL	SIM REV	SIMILAR REVERSED
CORR	CORRIDOR	LP	LOW POINT	SJ	STEEL JOIST
CORRUG	CORRUGATED	LV	LOUVER	SPEC	SPECIFICATION
CSK	COUNTERSINK	"M"		SO	SQUARE
CSKSCR	COUNTERSUNK SCREW CENTER	MAN.	MANUAL	SS	STAINLESS STEEL
CTR	CENTER	MATL	MATERIAL	STA	STATION
"D"		MAX	MAXIMUM	STD	STANDARD
DEG	DEGREE	MCP	METAL CLAD PANEL	STIFF	STIFFENER
DET	DETAIL	MD	METAL DECK	STI	STEEL
DEMO	DEMOLISH / DEMOLITION	MECH	MECHANICAL	STOR	STORAGE
DIA	DIAMETER	MET	METAL	STRU	STRUCTURE / STRUCTURAL
DIAG	DIAGONAL / DIAGRAM	MFG	MANUFACTURING	SUSP	SUSPEND / SUSPENDED
DIM	DIMENSION	MFR	MANUFACTURER	SYM	SYMMETRICAL / SYMMETRICALLY
DIV	DIVISION	MIN	MINIMUM	"T"	
DL	DEAD LOAD	MISC	MISCELLANEOUS	T	TOP
DN	DOWN	MOD	MODIFICATION	T / OR T.O.	TOP OF
DR	DOOR	MP	METAL PANEL	TBD	TO BE DETERMINED
DWG	DRAWING	MS	METAL STUD	TEMP	TEMPERATURE
DWL	DOWEL	MTD	MOUNTED	TH	THICK
"E"		MTL	METAL	THRD	THREAD / THREADED
EL	EXPANSION JOINT	"N"		TOB	TOP OF BLOCK
EA	EACH	N	NORTH	TOD	TOP OF DUCT
EF	EACH FACE	N/A	NOT APPLICABLE	TOF	TOP OF FOOTING
EL	ELEVATION	NC	NON COMBUSTIBLE	TOL	TOP OF LOUVER
ELEC	ELECTRIC / ELECTRICAL	NF	NEAR FACE	TOS	TOP OF SLAB / TOP OF STEEL
ENGR	ENGINEER	NP	NOT IN CONTRACT	TOT	TOTAL
ENGR	ENGINEER	NO, OR #	NUMBER	TOW	TOP OF WALL
EP	ESCAPE PIPING	NOM	NOMINAL	TYP	TYPICAL
EQ	EQUAL	NS	NEAR SIDE	"U"	
EQUIP	EQUIPMENT	NTS	NOT TO SCALE	UON	UNLESS OTHERWISE NOTED
EQUIV	EQUIVALENT	"O"		UIS	UNDERSIDE
ES	EXPOSED STRUCTURE	OC	ON CENTER	"V"	
EW	EACH WAY	O.F.	OUTSIDE FACE	VCT	VINYL COMPOSITION TILE
EXC	EXCAVATION	OH	OVERHEAD	VERT	VERTICAL
EXF	EXHAUST FAN	OPNG	OPENING	VP	VENT PIPE
EXS	EXHAUST STACK	OPP	OPPOSITE	"W"	
EXH	EXHAUST	W/O	WITHOUT	W	WEST
EXP STR	EXPOSED STRUCTURE	W	WITH	WD	WOOD
EXIST OR EX	EXISTING	WF	WATER FOUNTAIN	WLD	WELD / WELDED
EXP	EXPANSION / EXPOSED	WP	WATER PROOFING	WT	WEIGHT
EXT	EXTERIOR	WTD	WOOD		
"F"					
FAC	FACTORY				
FD	FLOOR DRAIN / FOOTING DRAIN				
FDN	FOUNDATION				
FE	FIRE EXTINGUISHER				
FF	FACTORY FINISH				
FFE	FINISH FLOOR ELEVATION				
FIN GR	FINISHED GRADE				
FIN FL	FINISHED FLOOR				
FIXT	FIXTURE				
FIN	FINISH				
FL OR FLR	FLOOR				
FR	FRAME				
FS	FLUE STACK				
FT	FEET				
FTG	FOOTING				
FV	FIELD VERIFY				

ARCHITECTURAL GRAPHIC CONVENTIONS

	BACKFILL		GYPSUM WALL BOARD
	BATT INSULATION		PLYWOOD
	CELL VENT/WEEP VENT		RIGID BOARD INSULATION
	CONCRETE, CAST STONE AND/OR PRECAST CONCRETE		SHIM
	CONC. MASONRY UNIT (CMU)		STEEL
	GRAVEL		WOOD BLOCKING
	GROUT OR MORTAR		

ARCHITECTURAL SYMBOLS

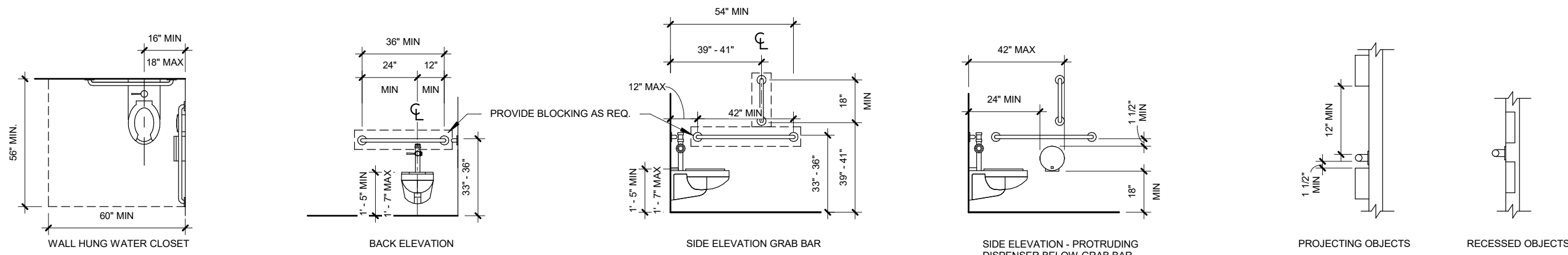


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 20 W 22nd St, Suite 901 New York, NY 10011 P 212.242.3735		 		ACCOUNTABLE MANAGER JOSE NIEVES PORTFOLIO MANAGER MARK DELBALZO, P.E.		"WARNING-IT IS A VIOLATION, OF THE NEW YORK STATE EDUCATION LAW, SECTION 7209.2, FOR ANY PERSON, UNLESS (S)HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT IN ANY WAY. IF ALTERED, THE ALTERING PERSON SHALL COMPLY WITH THE REQUIREMENTS OF NEW YORK EDUCATION, LAW, SECTION, 7209.2."		NEW YORK CITY ENVIRONMENTAL PROTECTION BUREAU OF WATER SUPPLY 465 COLUMBUS AVENUE, SUITE 270 VALHALLA, NEW YORK 10595-1336 www.nyc.gov/dep		WATERFOWL MANAGEMENT PROGRAM BUILDING AND PAVING MOUNT PLEASANT, NEW YORK ARCHITECTURAL GENERAL NOTES AND SYMBOLS		DATE: JANUARY 2023 SCALE: SHEET NO: 42 OF No. 80 DRAWING NO. A0-001	
		DESIGNED BY: J. HYUN CHECKED BY: E. CLAASSEN		DRAWN BY: S. KINARD DESIGN LEAD: EDWARD BARBOE, P.E.		BID SET		GRAPHIC SCALES CHECK BEFORE USE IF SHEET IS LESS THAN 22"x34" IT IS A REDUCED PRINT. SCALE ACCORDINGLY					
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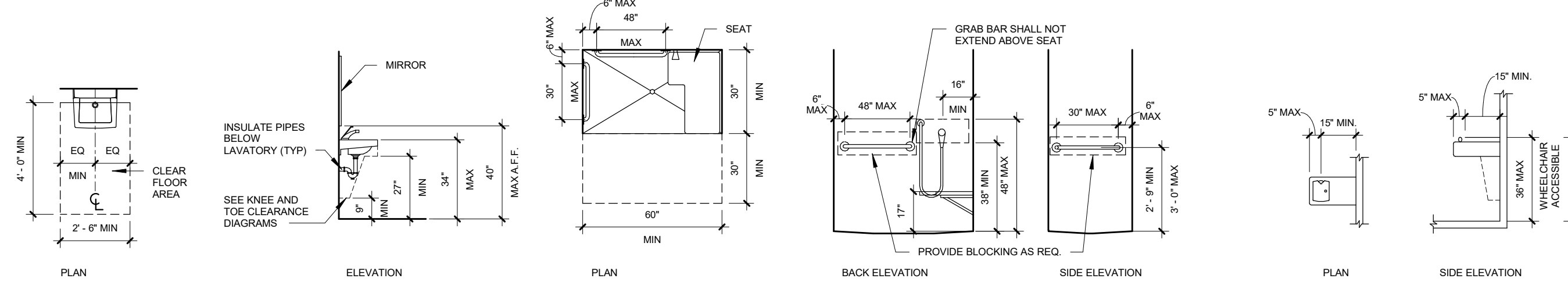
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ACCESSIBILITY DIAGRAMS



TYPICAL ACCESSIBLE CLEARANCES - WALL HUNG TOILET

SPACING OF GRAB BARS



TYPICAL ACCESSIBLE LAVATORY

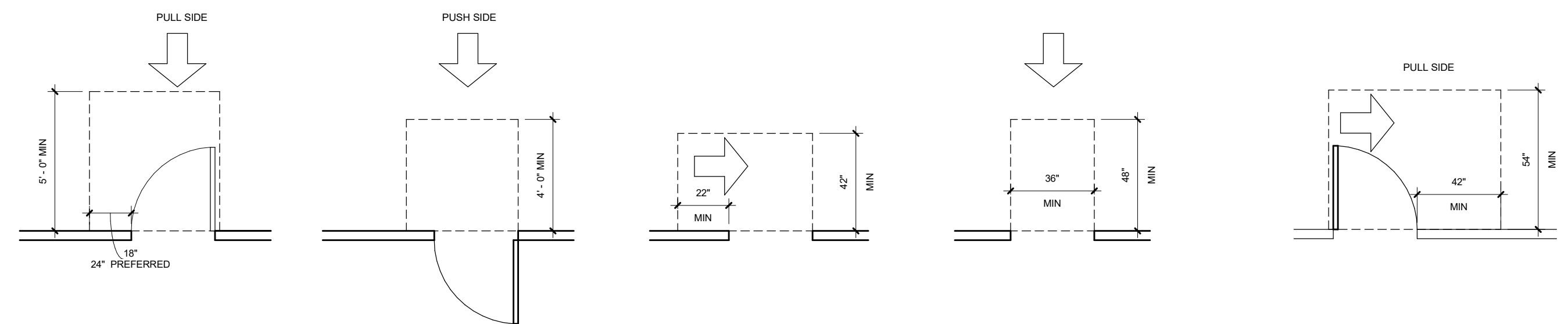
TYPICAL ACCESSIBLE SHOWER (STANDARD ROLL-IN TYPE)

DRINKING FOUNTAIN SPOUT LOCATION

KNEE CLEARANCE

TOE CLEARANCE

TYPICAL FRONT LOADING WASHER / DRYER



FRONT APPROACH - SWING DOOR

SIDE APPROACH - DOORWAY WITHOUT DOORS

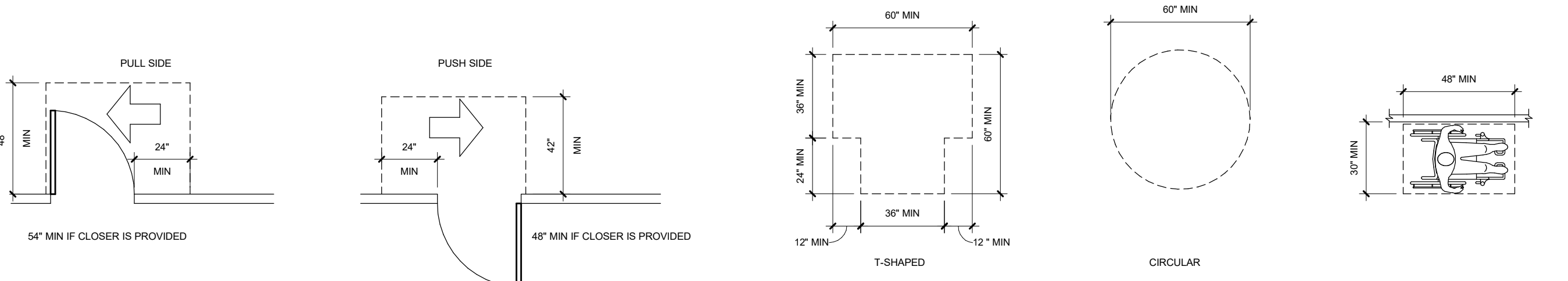
FRONT APPROACH - DOORWAY WITHOUT DOORS

HINGE SIDE APPROACHES - SWING DOOR

OBSTRUCTED HIGH FORWARD REACH

UNOBSTRUCTED SIDE REACH

OBSTRUCTED HIGH SIDE REACH



LATCH SIDE APPROACHES - SWING DOOR

TURNING SPACE

CLEAR FLOOR SPACE

TREADS AND RISERS

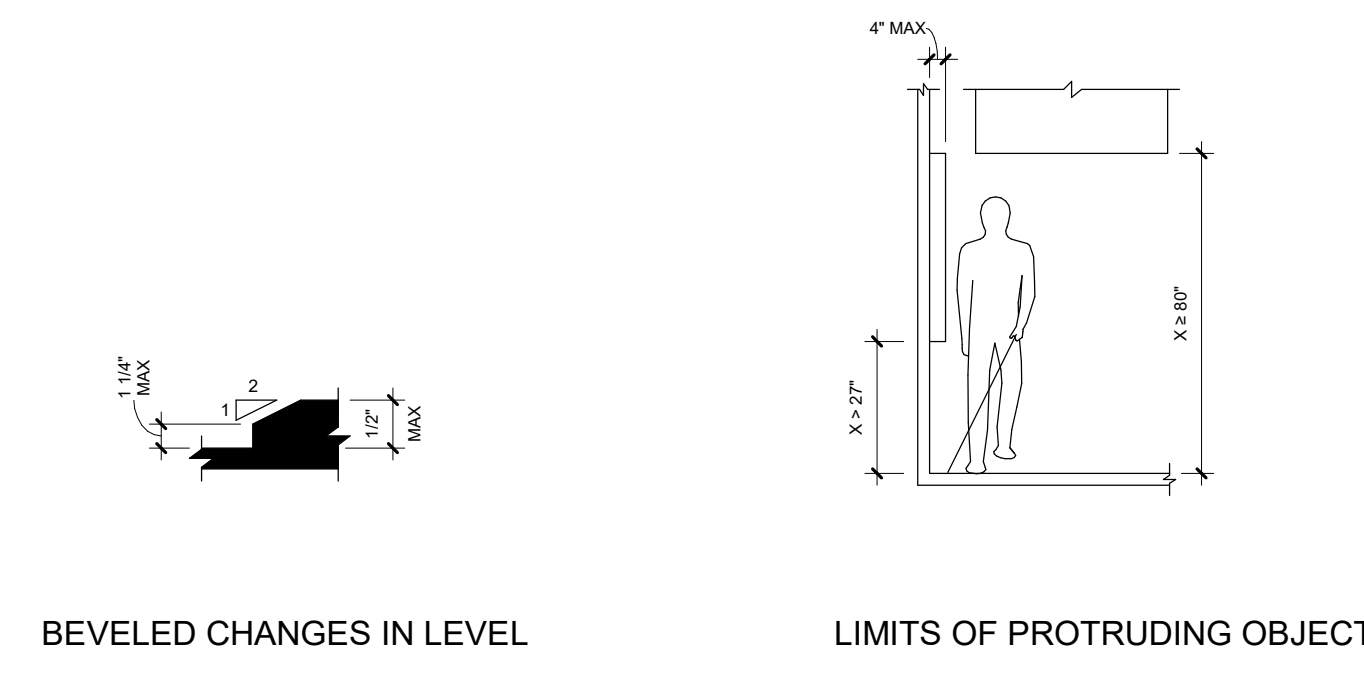
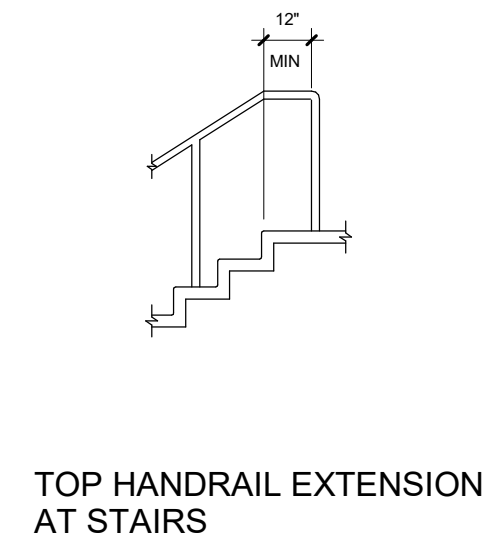
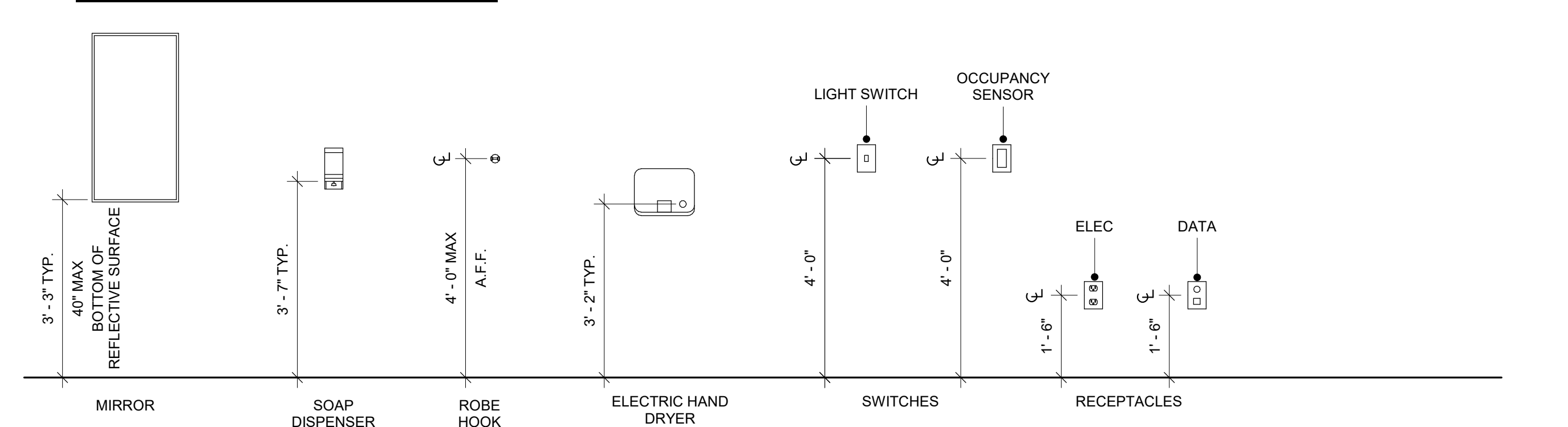
STAIR NOSING

HANDRAIL HEIGHT

HANDRAIL CLEARANCE

HORIZONTAL PROJECTIONS BELOW GRIPPING SURFACE

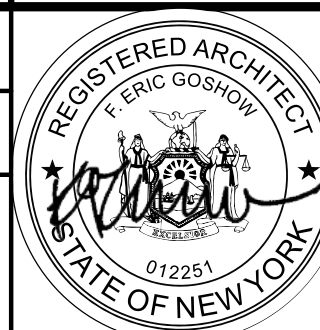
TYPICAL MOUNTING HEIGHTS



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WATERFOWL MANAGEMENT PROGRAM BUILDING
 AND PAVING
 MOUNT PLEASANT, NEW YORK
 ARCHITECTURAL
 ACCESSIBILITY DETAILS

DATE: JANUARY 2023
 SCALE:
 SHEET NO:
 43 OF No. 80
 DRAWING NO.
 A0-002

2020 NEW YORK STATE BUILDING CODE

WITH THE 2017 NEW YORK STATE UNIFORM CODE SUPPLEMENT

CODE REFERENCE	REQUIREMENT	PROVIDED
USE AND OCCUPANCY CLASSIFICATION / CHAPTER 3		
OCCUPANCY CLASSIFICATION NYSBC-302		MIXED OCCUPANCY: GROUP B - BUSINESS GROUP S-1 - MODERATE HAZARD STORAGE GROUP S-2 - LOW HAZARD STORAGE
SPECIAL DETAILED REQUIREMENTS BASED ON USE AND OCCUPANCY / CHAPTER 4		
CONTROL AREAS / NYSBC TABLE 414.2.2		
414.2.1 CONSTRUCTION REQUIREMENTS	FLOOR LEVEL ABOVE GRADE PLANE 1 FLOOR 0 HR (IB: NYSBC 601) ROOF 0 HR (IB: NYSBC 601) FIRE BARRIER SEE 414.2.4 BELOW	FLOOR LEVEL ABOVE GRADE PLANE 1 FLOOR 0 HR (IB: NYSBC 601) ROOF 0 HR (IB: NYSBC 601) FIRE BARRIER SEE 414.2.4 BELOW
414.2.2 PERCENTAGE OF MAXIMUM ALLOWABLE QUANTITY	PERCENTAGE PER CONTROL AREA 100%	PERCENTAGE PER CONTROL AREA 100%
414.2.3 NUMBER	NUMBER OF CONTROL AREAS PER FLOOR 4	NUMBER OF CONTROL AREAS PER FLOOR 2
414.2.4 FIRE-RESISTANCE-RATING REQUIREMENTS	FIRE RESISTANCE RATING FOR FIRE BARRIER 1 HOUR	FIRE RESISTANCE RATING FOR FIRE BARRIER 1 HOUR
GENERAL BUILDING HEIGHTS AND AREAS / CHAPTER 5		
ALLOWABLE HEIGHT ABOVE GRADE PLANE / NYSBC-TABLE 504.3		
NYSBC 504.2 MIXED OCCUPANCY. IN A BUILDING CONTAINING MIXED OCCUPANCIES IN ACCORDANCE WITH SECTION 508, NO INDIVIDUAL OCCUPANCY SHALL EXCEED THE HEIGHT AND NUMBER OF STORY LIMITS SPECIFIED IN THIS SECTION FOR THE APPLICABLE OCCUPANCIES.	TYPE IIB, NON-SPRINKLERED GROUP B: 55 FEET GROUP S: 55 FEET	TYPE IIB, NON-SPRINKLERED 22 FEET
ALLOWABLE NUMBER OF STORIES ABOVE GRADE PLANE / NYSBC-TABLE 504.4		
NYSBC 504.2 MIXED OCCUPANCY. IN A BUILDING CONTAINING MIXED OCCUPANCIES IN ACCORDANCE WITH SECTION 508, NO INDIVIDUAL OCCUPANCY SHALL EXCEED THE HEIGHT AND NUMBER OF STORY LIMITS SPECIFIED IN THIS SECTION FOR THE APPLICABLE OCCUPANCIES.	TYPE IIB, NON-SPRINKLERED GROUP B: 3 STORIES GROUP S-1: 2 STORIES GROUP S-2: 3 STORIES	TYPE IIB, NON-SPRINKLERED 1 STORY
ALLOWABLE AREA FACTOR / NYSBC-TABLE 506.2		
	TYPE IIB, NON-SPRINKLERED GROUP B: 23,000 SF GROUP S-1: 17,500 SF GROUP S-2: 26,000 SF	TYPE IIB, NON-SPRINKLERED GROUP B: 1,831 SF GROUP S-1: 146 SF GROUP S-2: 2,051 SF
MIXED USE AND OCCUPANCY / NYSBC-SECTION 508		
NYSBC 508.3 NONSEPARATED OCCUPANCIES SHALL BE INDIVIDUALLY CLASSIFIED IN ACCORDANCE WITH SECTION 302.1. THE REQUIREMENTS OF THIS CODE SHALL APPLY TO EACH PORTION OF THE BUILDING BASED ON THE OCCUPANCY CLASSIFICATION OF THAT SPACE. IN ADDITION, THE MOST RESTRICTIVE PROVISIONS OF CHAPTER 9 THAT APPLY TO THE NONSEPARATED OCCUPANCIES SHALL APPLY TO THE TOTAL NONSEPARATED OCCUPANCY AREA.		
TYPES OF CONSTRUCTION / CHAPTER 6		
FIRE-RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS / NYSBC-TABLE 601		
PRIMARY STRUCTURAL FRAME	TYPE IIB - NONCOMBUSTIBLE	TYPE IIB - NONCOMBUSTIBLE
BEARING WALLS EXTERIOR INTERIOR	FIRE RESISTANCE (0) HOURS	FIRE RESISTANCE (0) HOURS
NONBEARING WALLS AND PARTITIONS EXTERIOR INTERIOR	(0) HOURS (0) HOURS	(0) HOURS (0, 1) HOURS
FLOOR CONSTRUCTION	(0) HOURS	(0) HOURS
ROOF CONSTRUCTION	(0) HOURS	(0) HOURS
INTERIOR FINISHES / CHAPTER 8		
INTERIOR WALL AND CEILING FINISH REQUIREMENTS BY OCCUPANCY / NYSBC TABLE 803.13		
INTERIOR EXIT STAIRWAYS AND RAMPS AND EXIT PASSAGEWAYS	NON-SPRINKLERED GROUP B: CLASS A GROUP S: CLASS B	NON-SPRINKLERED CLASS A
CORRIDORS AND ENCLOSURE FOR EXIT ACCESS STAIRWAYS AND RAMPS	GROUPS B, S: CLASS B	CLASS B
ROOMS AND ENCLOSED SPACES	GROUPS B, S: CLASS C	CLASS C
FIRE PROTECTION SYSTEMS / CHAPTER 9		
AUTOMATIC SPRINKLER SYSTEMS / NYSBC 903.2		
(GROUP B - NOT REQUIRED) 903.2.9 GROUP S-1 (GROUP S-2 - NOT REQUIRED) (GROUP U - NOT REQUIRED)	REQUIRED WHERE S-1 FIRE AREA EXCEEDS 12,000 SF, OR IS LOCATED MORE THAN THREE STORIES ABOVE GRADE PLANE	NOT REQUIRED
MEANS OF EGRESS / CHAPTER 10		
OCCUPANT LOAD / NYSBC TABLE 1004.5		
BUSINESS AREAS 150 GROSS ACCESSORY STORAGE / MECH 300 GROSS ASSEMBLY UNCONCENTRATED 15 NET	AREAS WITH DIRECT EXIT TO EXTERIOR: FUEL STORAGE S-1 88 SF / 300 1 OCC OUTDOOR STORAGE S-2 77 SF / 300 1 OCC MECH. ROOM S-2 133 SF / 300 1 OCC BOAT WASH S-2 1014 SF / 300 4 OCC AREAS WITH INTERIOR EGRESS: BUSINESS B 1584 SF / 150 11 OCC BUSINESS (BREAK RM) B 247 SF / 15 17 OCC PYRO. STORAGE S-1 58 SF / 300 1 OCC WORKSHOP S-2 500 SF / 300 2 OCC LAUNDRY / PPE S-2 327 SF / 300 2 OCC	

CODE REFERENCE	REQUIREMENT	PROVIDED
MEANS OF EGRESS SIZING / NYSBC-SECTION 1005		
STAIRWAYS	0.3" / OCC (0.3" X 59 OCC = 18") 44" MINIMUM (NYSBC 1011.2)	6'-0" WIDTH
OTHER EGRESS COMPONENTS	0.2" / OCC (0.2" X 59 = 12") DOORS - 32" MIN. CLEAR (IBC 1010.1.1) CORRIDORS - 44" MIN. (NYSBC TABLE 1020.2)	32" MIN. CLEAR 54" MIN.
MINIMUM NUMBER OF EXITS / NYSBC-SECTION 1006		
NYSBC 1006.3.3.1 MIXED OCCUPANCIES IN EACH STORY OF A MIXED OCCUPANCY BUILDING, THE MAXIMUM NUMBER OF OCCUPANTS SERVED BY A SINGLE EXIT SHALL BE SUCH THAT THE SUM OF THE RATIOS OF THE CALCULATED NUMBER OF OCCUPANTS OF THE SPACE DIVIDED BY THE ALLOWABLE NUMBER OF OCCUPANTS INDICATED IN TABLE 1006.3.3(2)	STORIES WITH ONE EXIT: TABLE 1006.3.3(2) B - 49 OCCUPANTS MAX S - 29 OCCUPANTS MAX	B - CALCULATED / ALLOWABLE 28 OCC / 49 OCC = 0.57 S - CALCULATED / ALLOWABLE 5 OCC / 29 OCC = 0.17 0.57 + 0.17 = 0.74 0.74 < 1.0 ONE EXIT REQUIRED
MAXIMUM COMMON PATH OF EGRESS TRAVEL / NYSBC-TABLE 1006.3.3(2)		
	B - 75 FEET MAX S - 75 FEET MAX	65 FEET
EXIT ACCESS TRAVEL DISTANCE / NYSBC-TABLE 1017.2		
	B, S-1 - 200 FEET MAX S-2 - 300 FEET MAX	115 FEET

ENERGY CODE COMPLIANCE NOTES

REFERENCED CODES:
 • 2020 NEW YORK STATE ENERGY CONSERVATION CODE (NYCECC)
 • ASHRAE 90.1-2013

CLIMATE ZONE: 4A (NYSECC C301.1)

OPAQUE THERMAL ENVELOPE INSULATION COMPONENT MINIMUM REQUIREMENTS
(NYSECC TABLE C402.1.3)

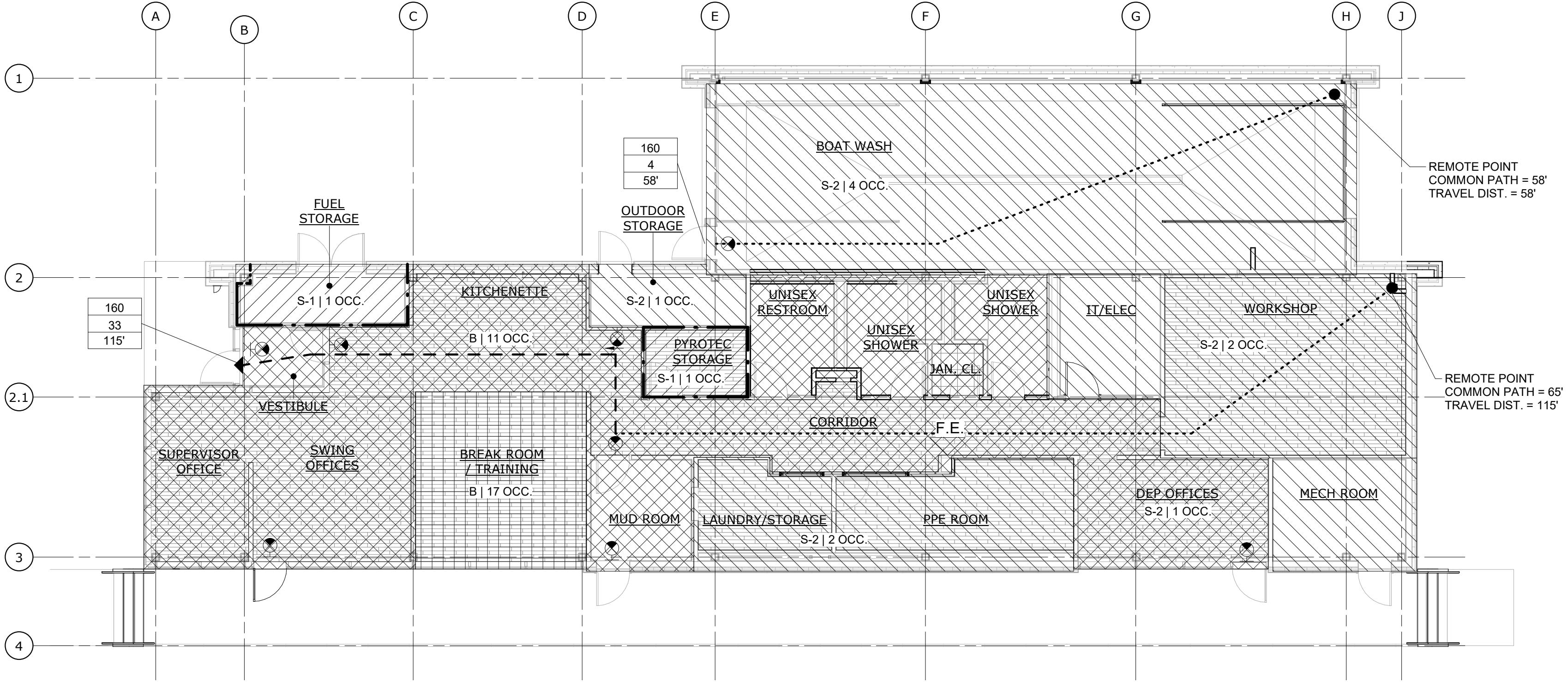
ROOFS	R-30 ci	INSULATION ENTIRELY ABOVE ROOF DECK
WALLS, ABOVE GRADE	R-13 + R-7.5ci	METAL FRAMED
WALLS, BELOW GRADE	R-7.5 ci	
FLOORS	R-10 ci	MASS
SLAB-ON-GRADE	R-10, 24"	UNHEATED SLAB

BUILDING ENVELOPE FENESTRATION MAXIMUM U-FACTOR AND SHGC REQUIREMENTS
(NYSECC TABLE C402.4)

SEE SPECIFICATION SECTION 08800

PROFESSIONAL STATEMENT:
 TO THE BEST OF MY KNOWLEDGE, BELIEF, AND PROFESSIONAL JUDGEMENT, THE SUBMITTED PLANS AND SPECIFICATIONS ARE IN COMPLIANCE WITH THE 'ENERGY CODE.'

TO ALL PLANS, SPECIFICATIONS, AND REPORTS TO WHICH THE SEAL OF AN ARCHITECT HAS BEEN APPLIED, THERE SHALL ALSO BE APPLIED A STAMP WITH APPROPRIATE WORDING WARNING THAT IT IS A VIOLATION OF THE LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ARCHITECT IS ALTERED, THE ALTERING ARCHITECT SHALL AFFIX TO HIS ITEM THE SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY HIS SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.



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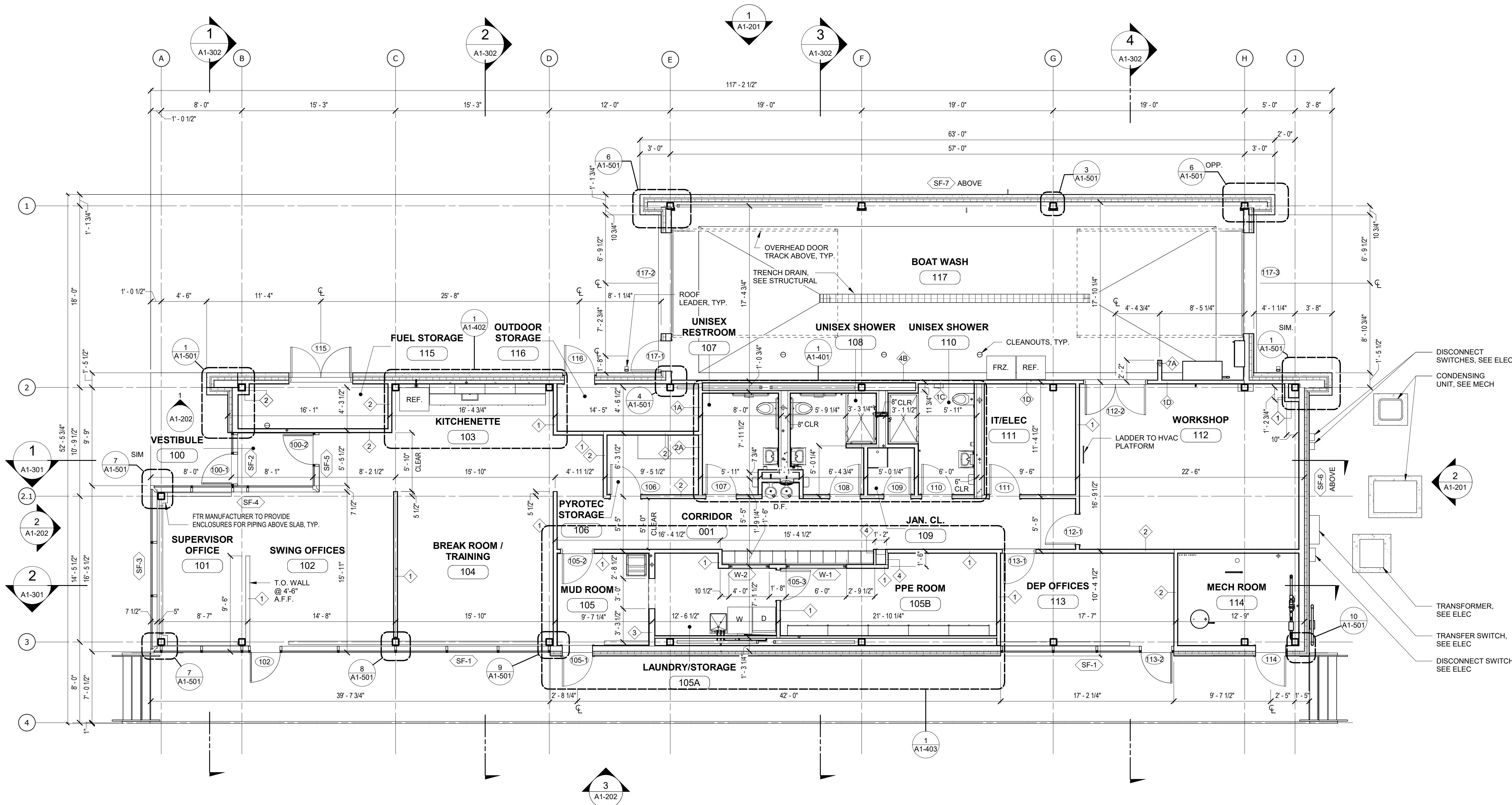
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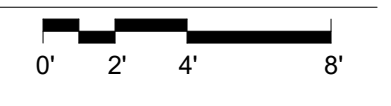
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FLOOR PLAN
SCALE: 3/16" = 1'-0"



- DISCONNECT SWITCHES, SEE ELEC
- CONDENSING UNIT, SEE MECH
- TRANSFORMER, SEE ELEC
- TRANSFER SWITCH, SEE ELEC
- DISCONNECT SWITCH, SEE ELEC

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P 212.242.3735

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CHECKED BY: E. CLAASSEN	DESIGN LEAD: EDWARD BARBOE, P.E.

Hazen



ACCOUNTABLE MANAGER
JOSE NIEVES
PORTFOLIO MANAGER
MARK DELBALZO, P.E.

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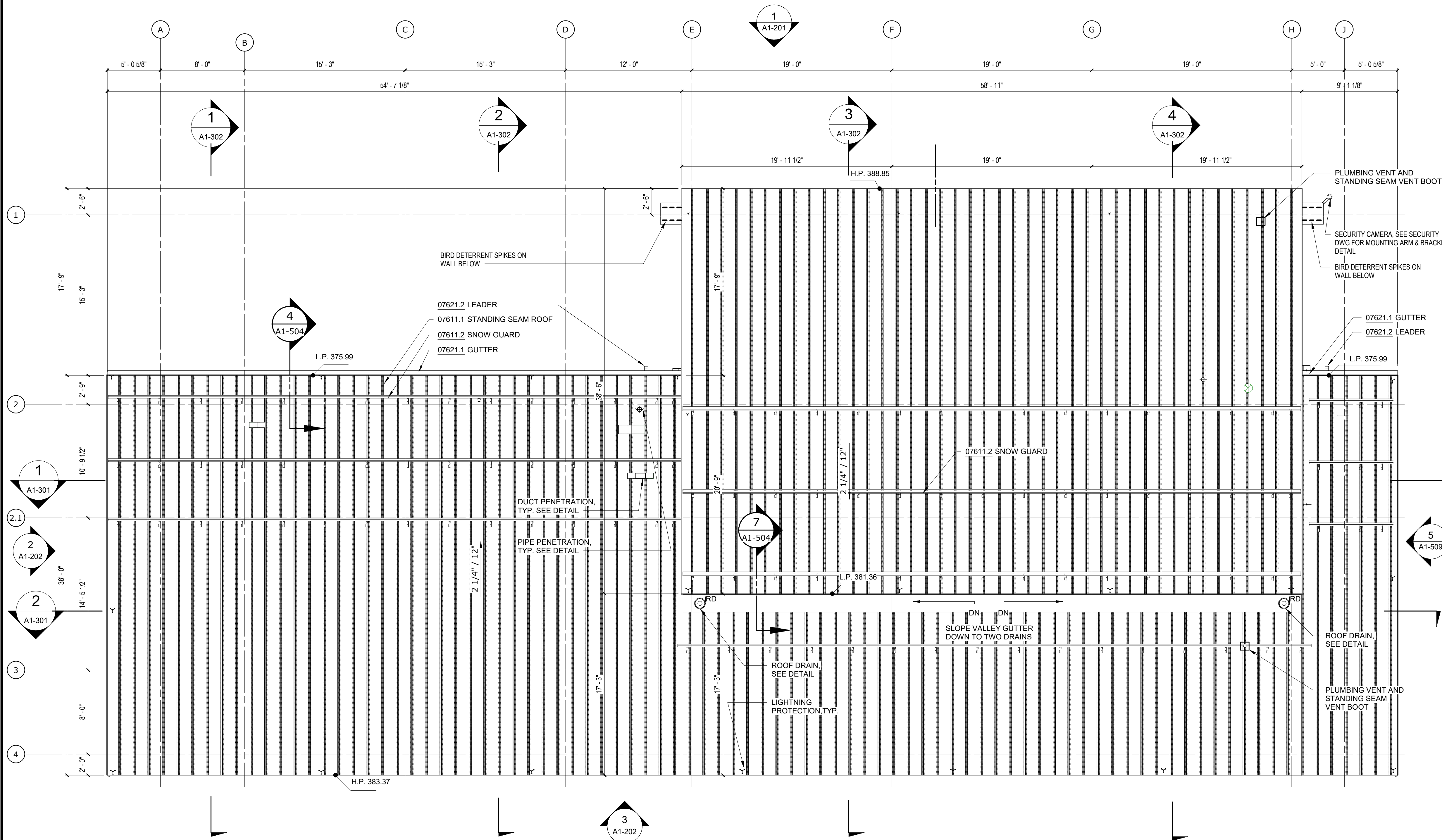
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WATERFOWL MANAGEMENT PROGRAM BUILDING AND PAVING MOUNT PLEASANT, NEW YORK ARCHITECTURAL FLOOR PLAN	DATE: JANUARY 2023 SCALE: SHEET NO: 45 OF No. 80 DRAWING NO. A1-101

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NOTES - ROOF PLAN

DIVISION 7		
07611.1	STANDING SEAM ROOF	22 GA. MIN. GALVALUME MECHANICALLY SEAMED DOUBLE LOCK ROOF
07611.2	SNOW GUARD	MECHANICALLY ATTACHED ALUMINUM SNOW GUARDS, COLOR TO MATCH ROOFING
07621.1	GUTTER	SQUARE GALVALUME GUTTER, COLOR TO MATCH STANDING SEAM ROOF. GUTTER SLOPE 1/8" PER FOOT TOWARDS LEADER.
07621.2	LEADER	SQUARE GALVALUME LEADER, COLOR TO MATCH STANDING SEAM ROOF



ROOF PLAN
SCALE: 3/16" = 1'-0"
0' 2' 4' 8'

Autodesk Docs/05290-02A_CAD-423 WFO-02A Waterfowl Mgmt Program/05290-02A_A_VFB.rvt
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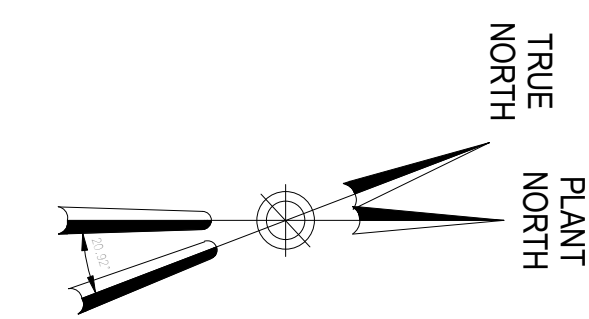
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PORTFOLIO MANAGER MARK DELBALZO, P.E.

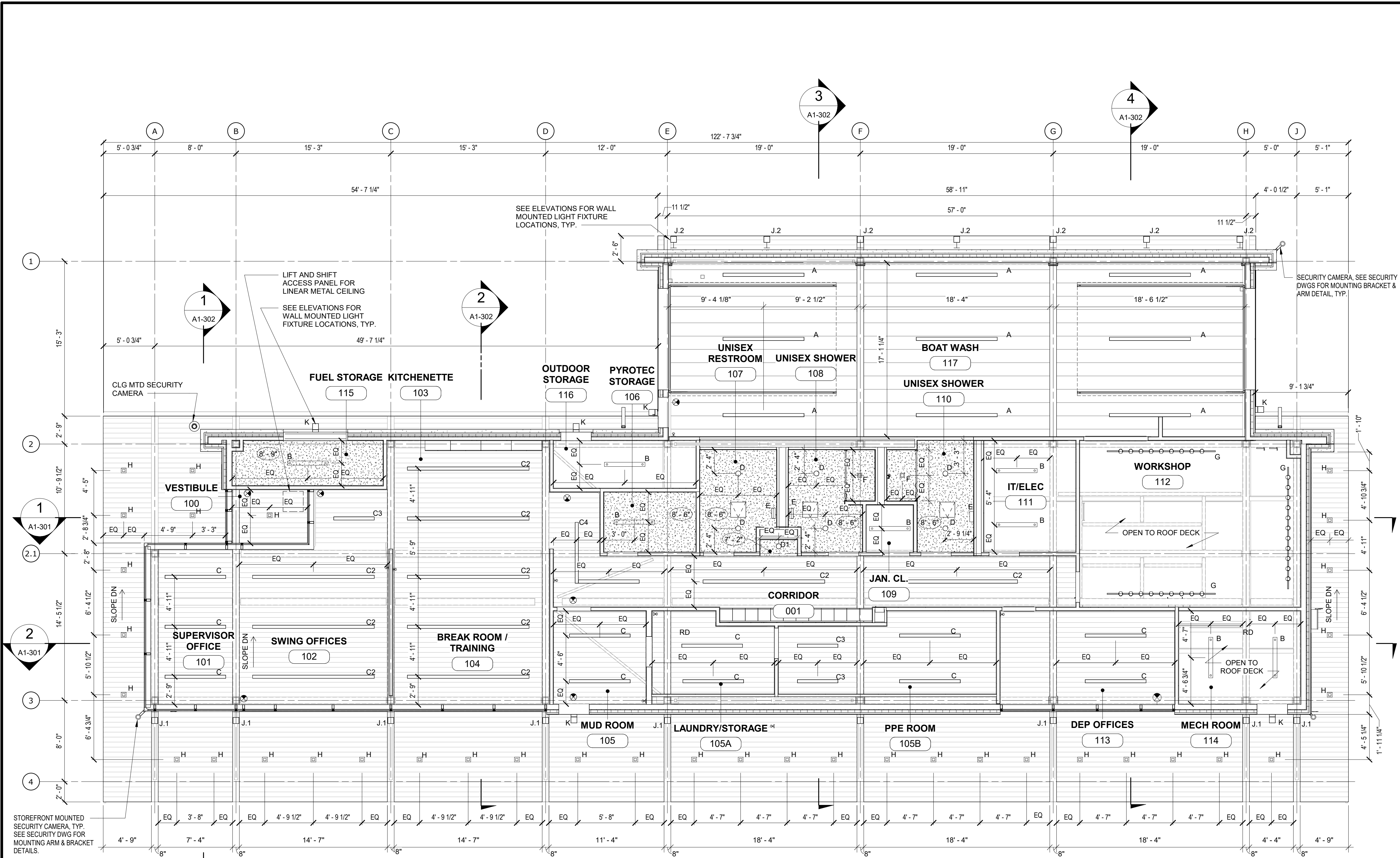
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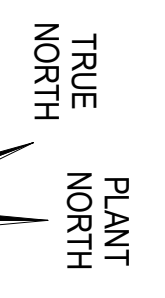
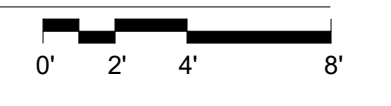
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WATERFOWL MANAGEMENT PROGRAM BUILDING AND PAVING MOUNT PLEASANT, NEW YORK ARCHITECTURAL ROOF PLAN	DATE: JANUARY 2023
	SCALE: SHEET NO: 46 OF No. 80
	DRAWING NO. A1-102

All inquiries regarding this drawing(s) or project should be made to NYC Environmental Protection, Bureau of Engineering Design and Construction.



- RCP LEGEND:**
- A 6' DIRECT / INDIRECT LED PENDANT - HIGH OUTPUT
 - B 4' LED PENDANT - BACK OF HOUSE
 - C 6' DIRECT / INDIRECT LED PENDANT
 - C2 12' DIRECT / INDIRECT LED PENDANT
 - C3 4' DIRECT / INDIRECT LED PENDANT
 - C4 12' L-SHAPED DIRECT / INDIRECT LED PENDANT
 - C5 9' DIRECT / INDIRECT LED PENDANT - BOAT WASH
 - D ROUND RECESSED DOWNLIGHT
 - D1 ROUND RECESSED DOWNLIGHT
 - E WALL MOUNTED VANITY LIGHT
 - F SQUARE RECESSED DOWNLIGHT - SHOWER
 - G TRACK LIGHT, ATTACHED TO STEEL TRUSS
 - H 2" EXTERIOR RECESSED DOWNLIGHT, SQUARE
 - J EXTERIOR WALL MOUNTED SCENCE
 - K EXTERIOR WALL MOUNTED LIGHT
 - LINEAR METAL CEILING
 - PVC CEILING PANELS
 - GYP BD CEILING
 - ACCESS PANEL FOR GYP BD CEILING
 - 2' X 2' METAL CEILING ACCESS PANEL

REFLECTED CEILING PLAN
SCALE: 3/16" = 1'-0"



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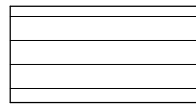
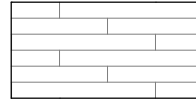
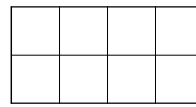
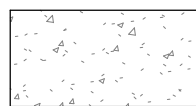
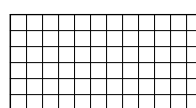

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WATERFOWL MANAGEMENT PROGRAM BUILDING AND PAVING MOUNT PLEASANT, NEW YORK ARCHITECTURAL REFLECTED CEILING PLAN	DATE: JANUARY 2023 SCALE: SHEET NO: 47 OF No. 80 DRAWING NO. A1-103

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NOTES - FINISH PLAN

- 06640.1 1/2" PVC PANEL
- 07460.1 FIBER CEMENT PANEL
- DIVISION 8
- 08361.0 OVERHEAD DOOR STEEL PANEL SECTIONAL OVERHEAD DOOR WITH VISION LITES
- DIVISION 12
- 12481.1 RECESSED ALUMINUM WALK-OFF MAT ALUMINUM GRID WITH RECESSED LEVEL BASE FRAME AND ALUMINUM DRAIN PAN

LEGEND

-  RECESSED WALK OFF MAT
-  LVT-1: 4" X 32" VINYL TILE FLOOR
-  CMT-1: 1' X 1' TILE
-  CONC: EXPOSED CONCRETE FLOOR
-  CMT 2: 1" X 1" MOSAIC TILE
-  SEF: SEAMLESS EPOXY FLOORING

FINISH SCHEDULE LEGEND

SUBSTRATES

- CMB: CEMENT BOARD, SEE PLANS AND PARTITION SCHEDULE
- CONC: 1/2" SELF-LEVELING CONCRETE GYPSUM WALL BOARD, SEE PLANS AND PARTITION SCHEDULE
- OPEN: OPEN TO ABOVE

FLOOR FINISHES

- CFT: CERAMIC TILE 4" X 4"
- CONC: CLEAR SEALED CONCRETE
- LVT: LUXURY VINYL TILE 12" X 24"
- SEF: SEAMLESS EPOXY FLOORING

BASE FINISHES

- CB-1: CERAMIC COVE BASE
- VB-1: VINYL COVE BASE - 4"
- PVC: PVC BASE TRIM

WALL FINISHES

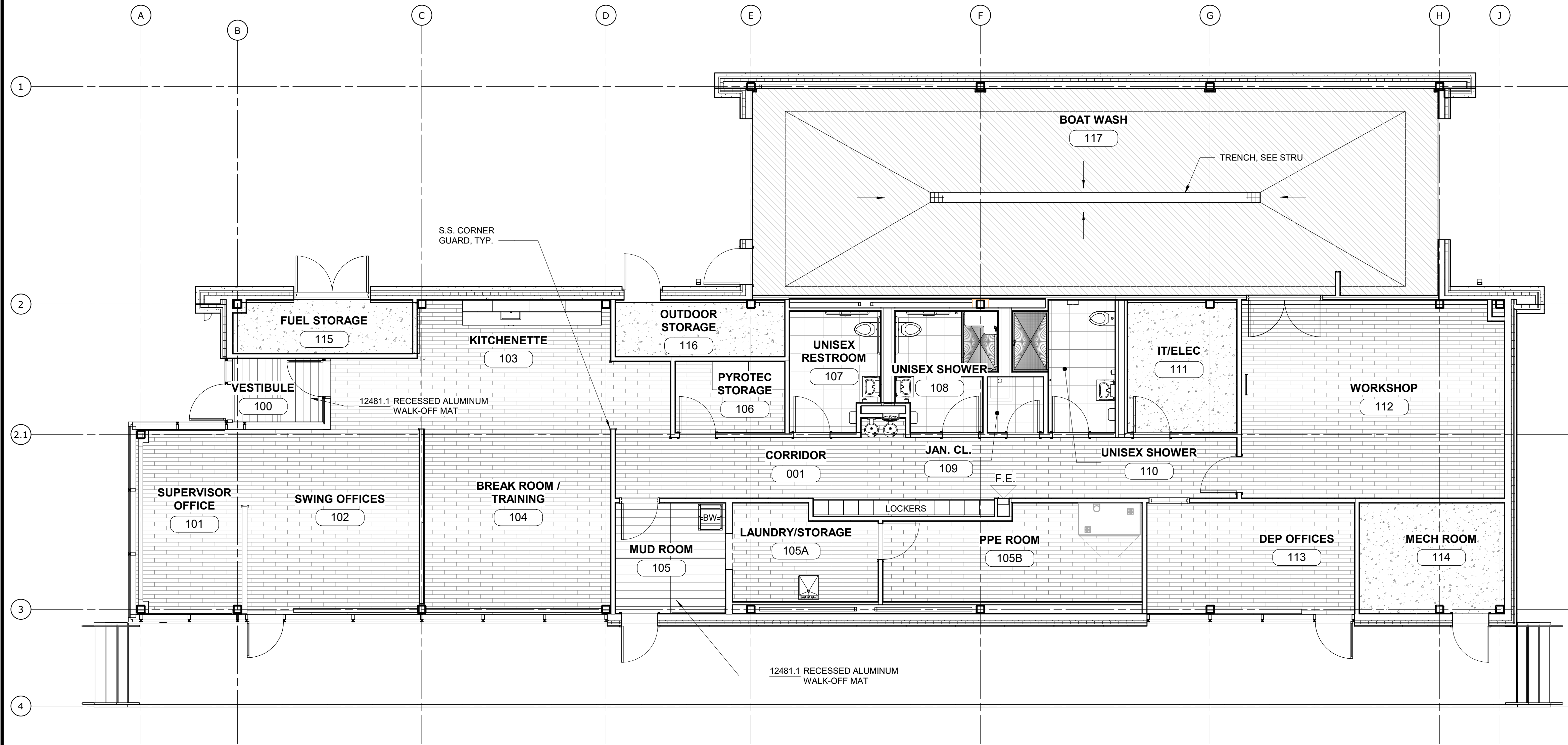
- CWT-1: CERAMIC WALL TILE
- CWT-2: CERAMIC TILE BACKSPASH
- PT-1: WALL PAINT
- AL/GL: ALUMINUM / GLASS STOREFRONT
- PVC: PVC PANEL

CEILING FINISHES

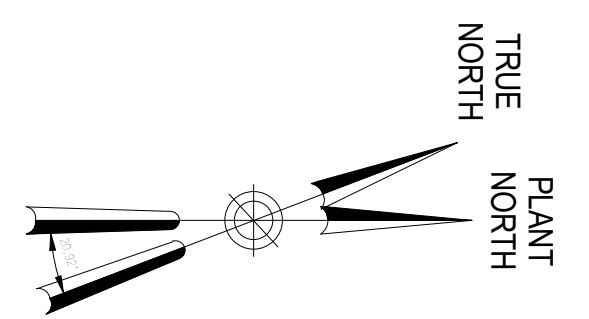
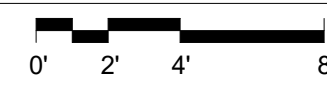
- MTL PNL: LINEAR METAL PANEL CEILING
- PT-2: CEILING PAINT
- PVC: PVC PANEL

NOTES:

- 1. ALL SUBSTRATES SHALL BE PREPPED PER FLOOR FINISH MANUFACTURER'S REQUIREMENTS.



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



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Hazen



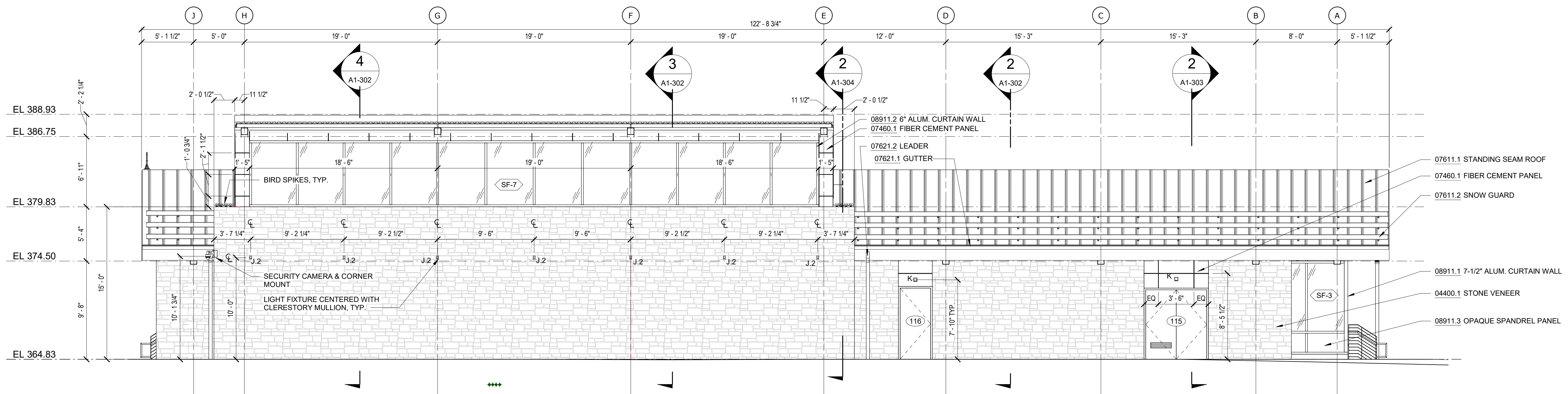
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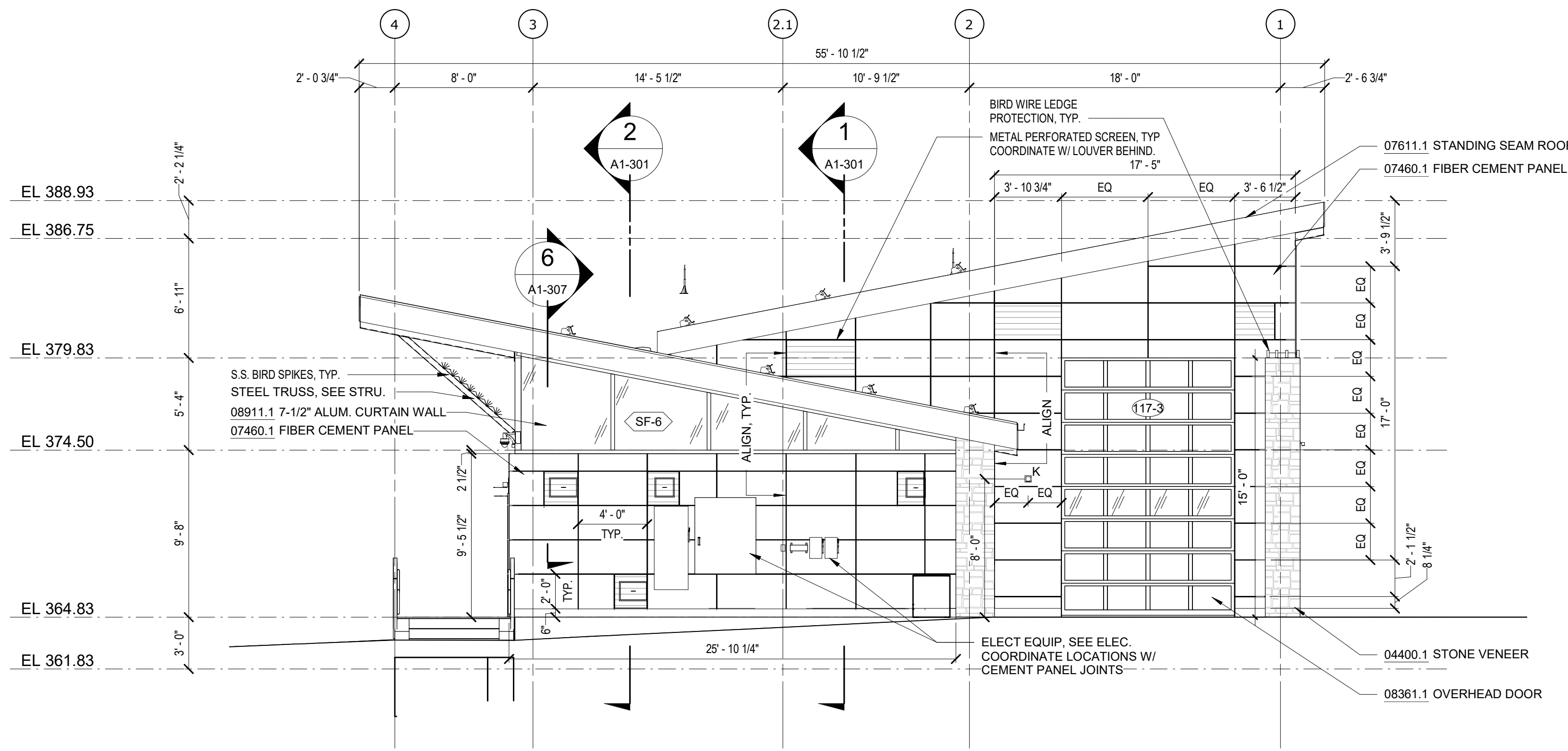
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NO.	DATE
REVISIONS/DESCRIPTION	APPRD
DATE: JANUARY 2023	
SCALE:	
SHEET NO: 48 OF No. 80	
DRAWING NO. A1-104	

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1 WEST ELEVATION
A1-201 SCALE: 3/16" = 1'-0"



2 NORTH ELEVATION
A1-201 SCALE: 3/16" = 1'-0"

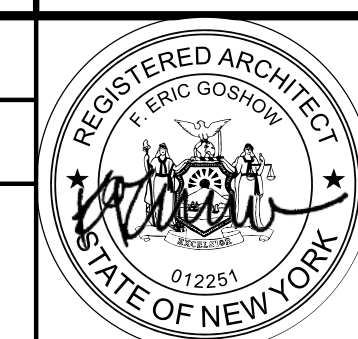


NOTES - ELEVATION

DIVISION 4	04400.1	STONE VENEER	4" FULL VENEER LIMESTONE
DIVISION 5	05523.1	S.S. RAILING	STAINLESS STEEL CABLE GUARDRAIL
DIVISION 7	07460.1	FIBER CEMENT PANEL	5/16" (8MM) THROUGH COLOR FIBER CEMENT WALL PANEL
07611.1	STANDING SEAM ROOF	22 GA. MIN. GALVALUME MECHANICALLY SEAMED DOUBLE LOCK ROOF	
07611.2	SNOW GUARD	MECHANICALLY ATTACHED ALUMINUM SNOW GUARDS, COLOR TO MATCH ROOFING	
07621.1	GUTTER	SQUARE GALVALUME GUTTER, COLOR TO MATCH STANDING SEAM ROOF. GUTTER SLOPE 1/8" PER FOOT TOWARDS LEADER.	
07621.2	LEADER	SQUARE GALVALUME LEADER, COLOR TO MATCH STANDING SEAM ROOF	
DIVISION 8	08361.1	OVERHEAD DOOR	STEEL PANEL SECTIONAL OVERHEAD DOOR WITH VISION LITES
08911.1	7-1/2" ALUM. CURTAIN WALL	7-1/2" ALUMINUM FRONT-GLAZED CURTAIN WALL, CLEAR ANODIZED FINISH	
08911.2	6" ALUM. CURTAIN WALL	6" ALUMINUM FRONT-GLAZED CURTAIN WALL, CLEAR ANODIZED FINISH	
08911.3	OPAQUE SPANDREL PANEL	1" INSULATED ALUMINUM SPANDREL PANEL	
DIVISION 9	09511.1	LINEAR METAL CEILING	LINEAR METAL CEILING, 6" PLANKS, ATTACHED TO PURLINS

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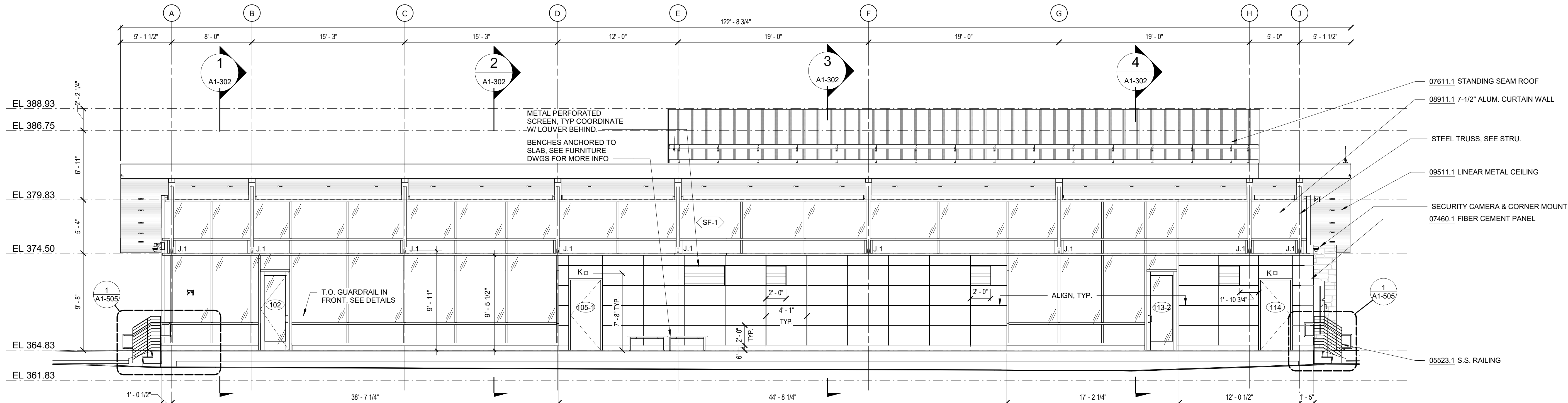
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AND PAVING
MOUNT PLEASANT, NEW YORK
ARCHITECTURAL
EXTERIOR ELEVATIONS

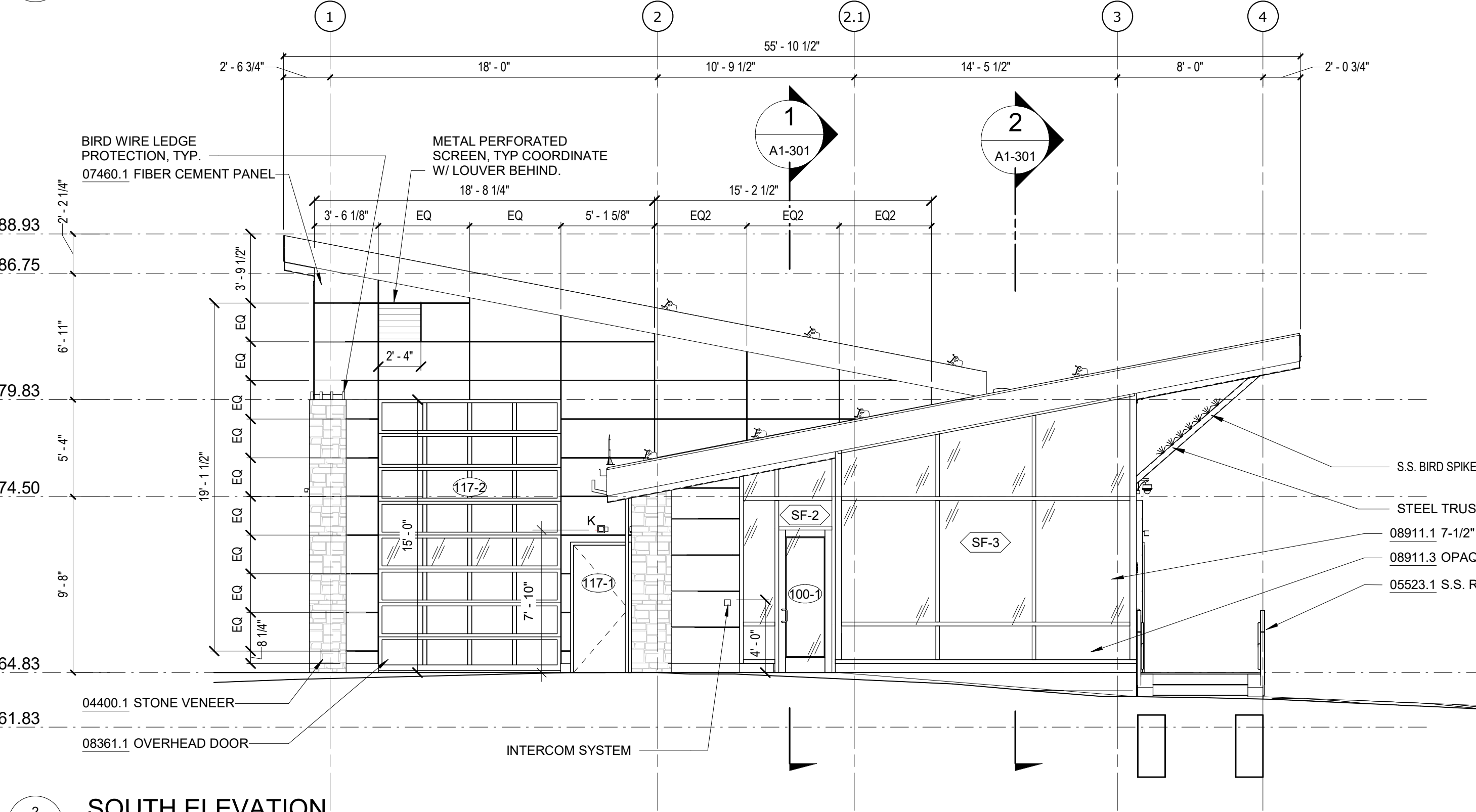
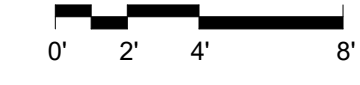
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49 OF No. 80
DRAWING NO.
A1-201

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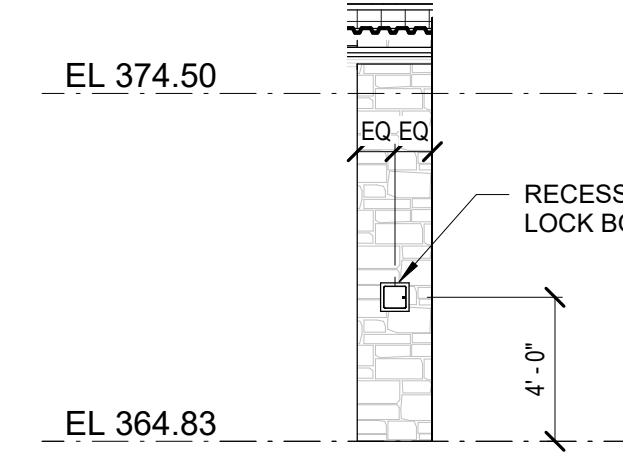
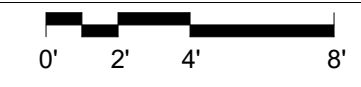
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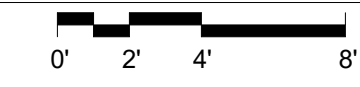
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2 SOUTH ELEVATION
SCALE: 3/16" = 1'-0"



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

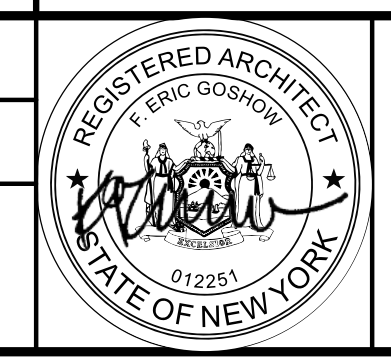


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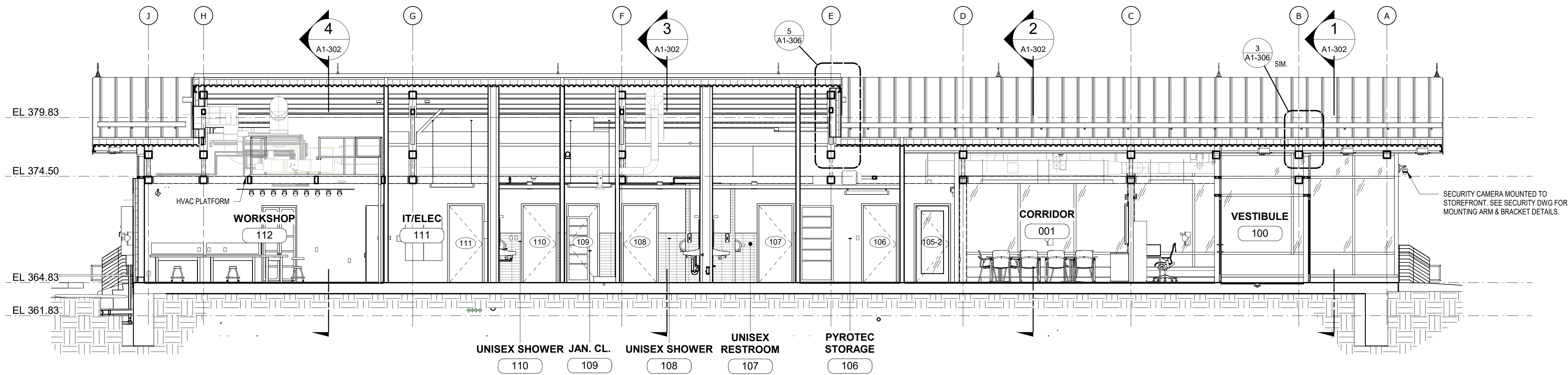
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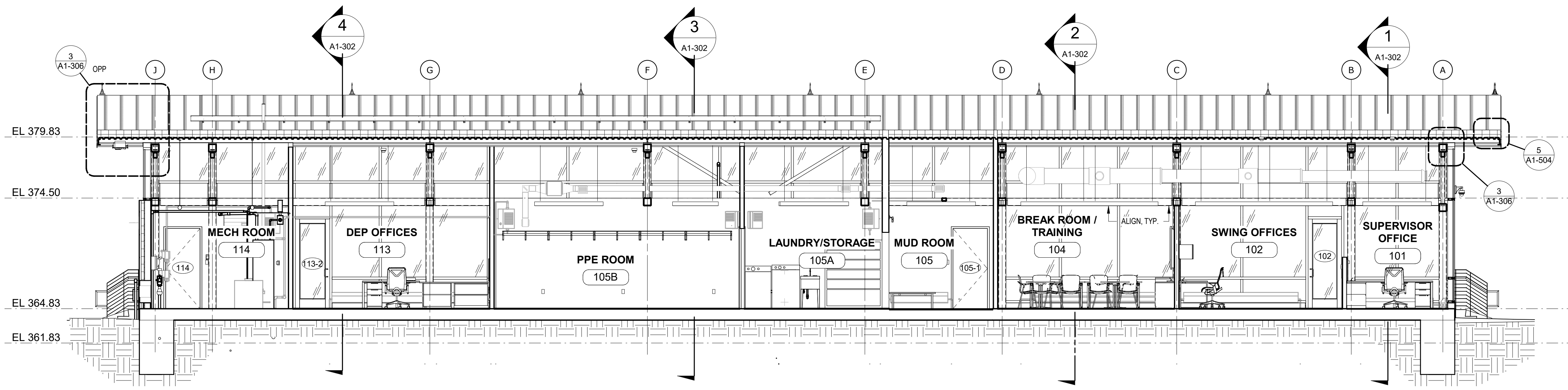
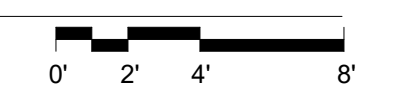
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DATE: JANUARY 2023	SHEET NO: 50 OF No. 80
DRAWING NO. A1-202	

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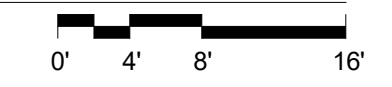
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1 LONGITUDINAL SECTION 1
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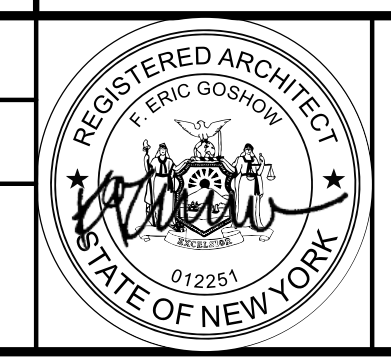
2 LONGITUDINAL SECTION 2
SCALE: 3/16" = 1'-0"



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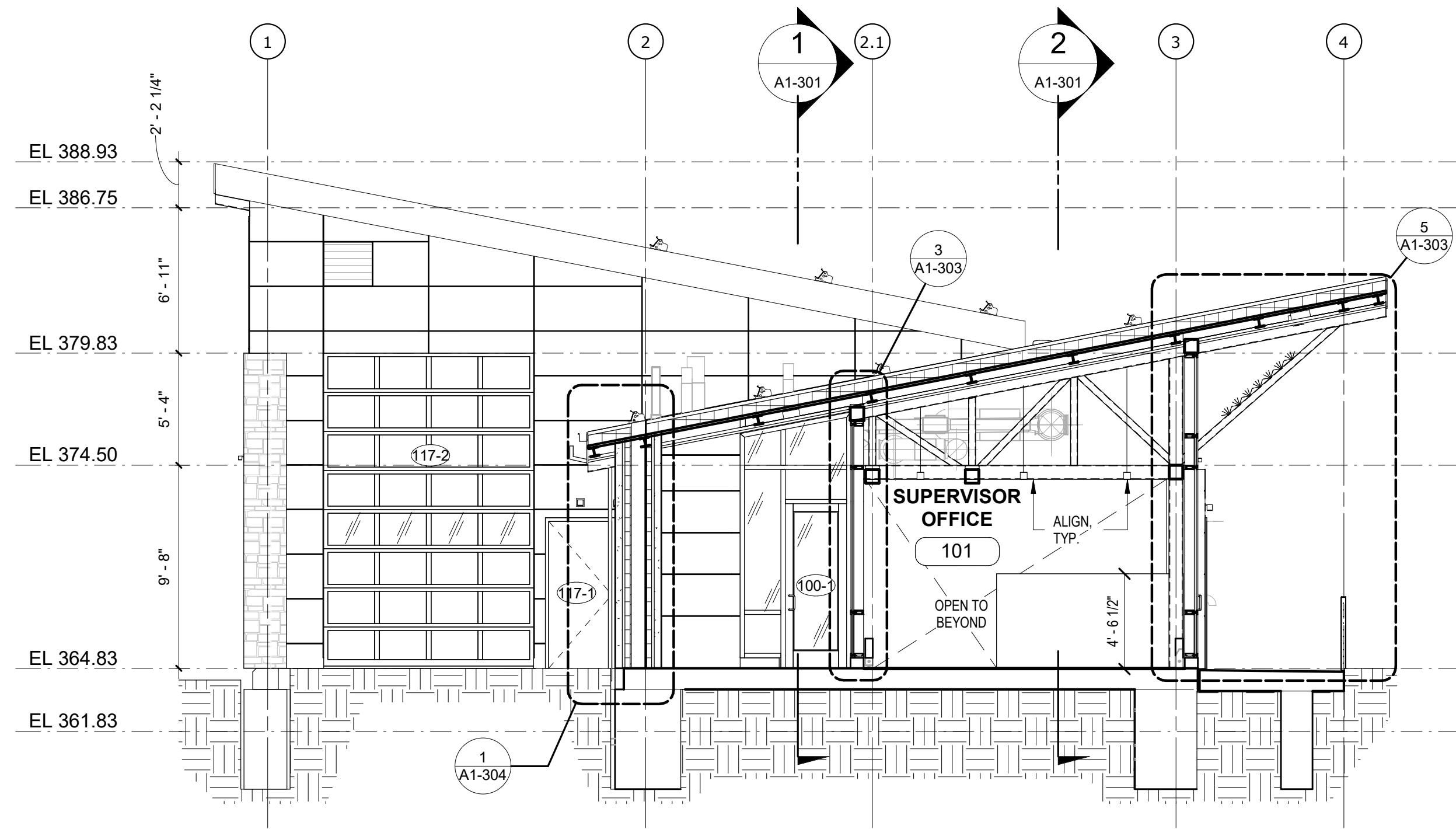
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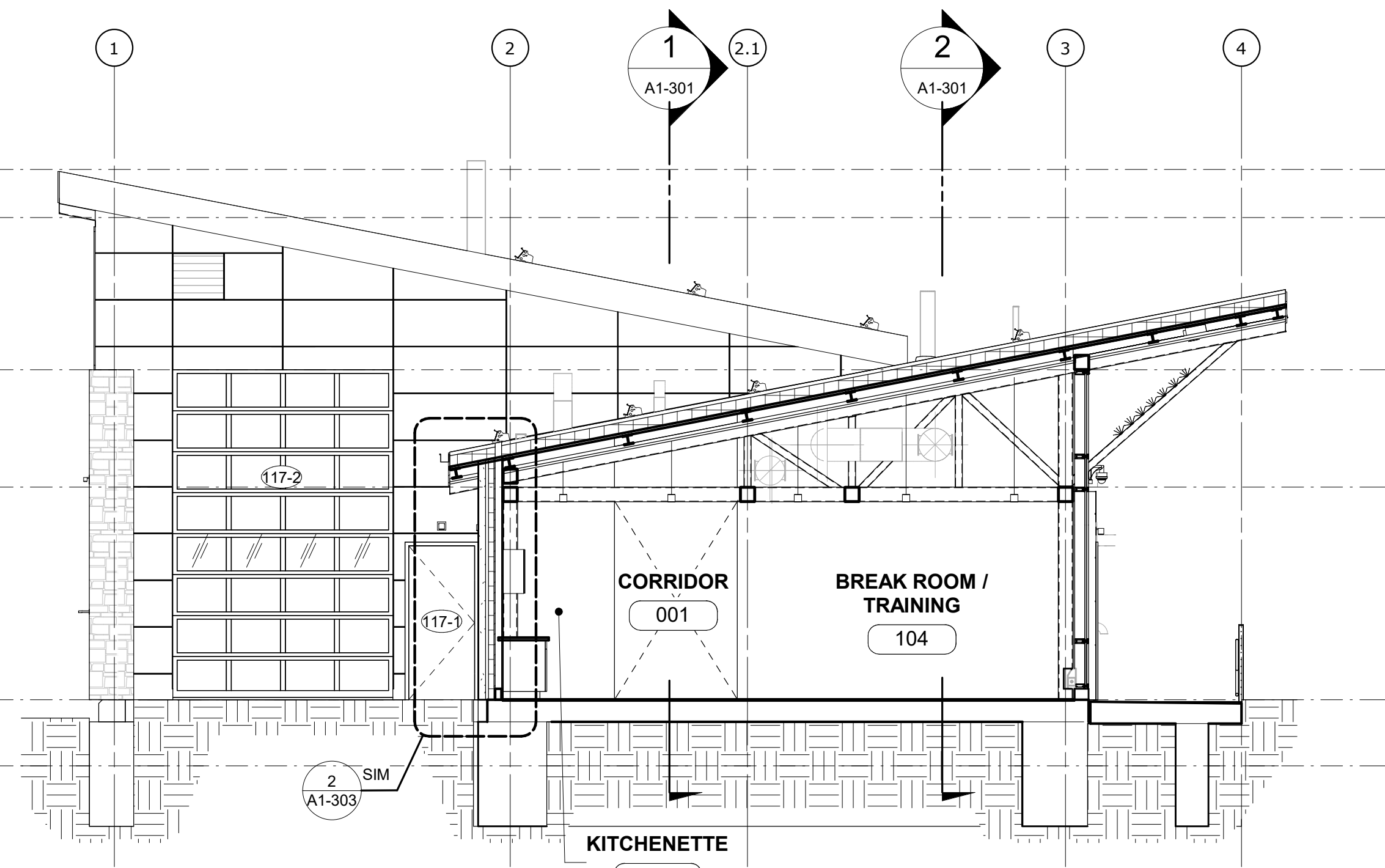
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WATERFOWL MANAGEMENT PROGRAM BUILDING AND PAVING MOUNT PLEASANT, NEW YORK ARCHITECTURAL BUILDING SECTIONS	DATE: JANUARY 2023
	SCALE:
	SHEET NO: 51 OF No. 80
	DRAWING NO. A1-301

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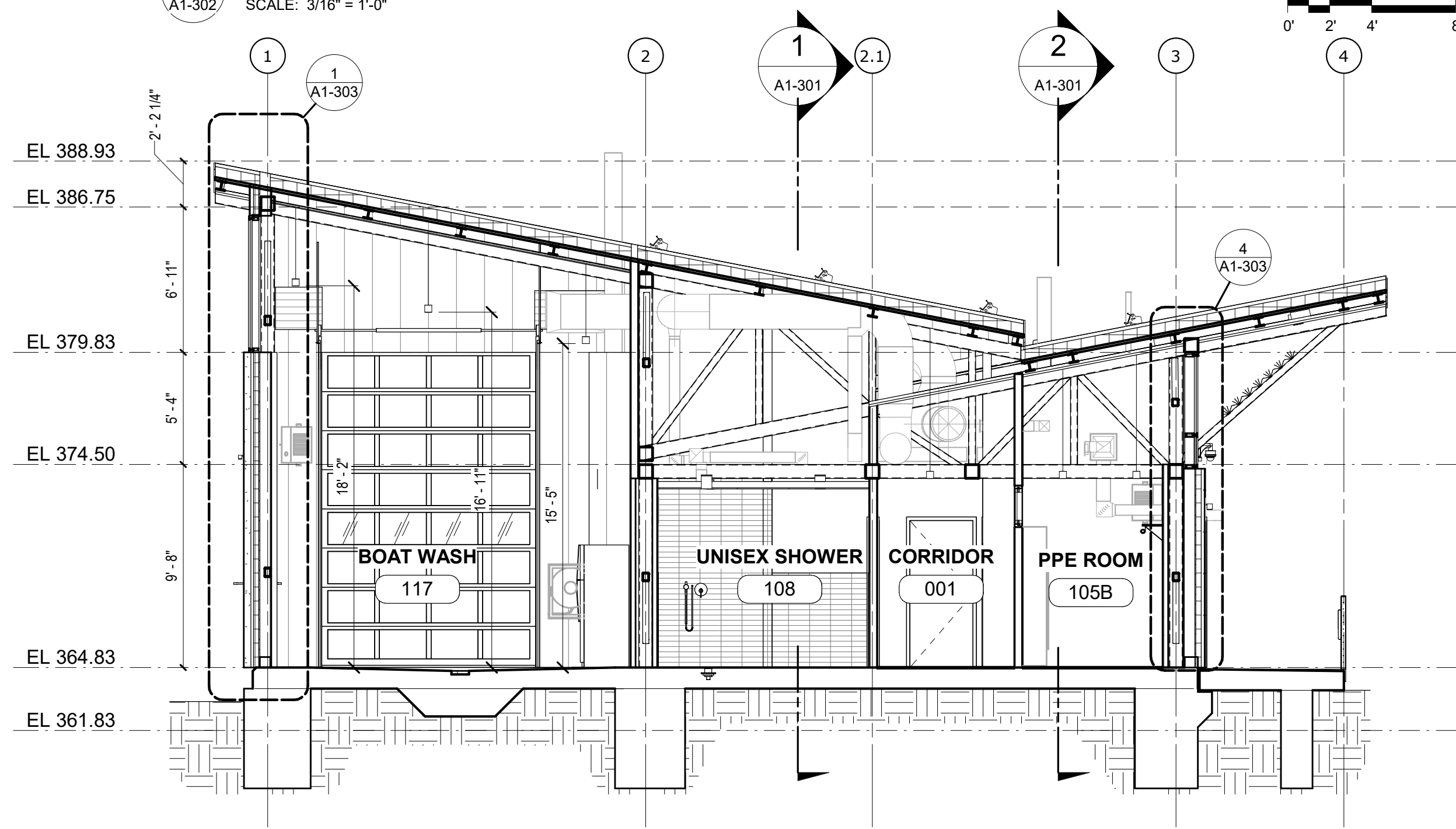
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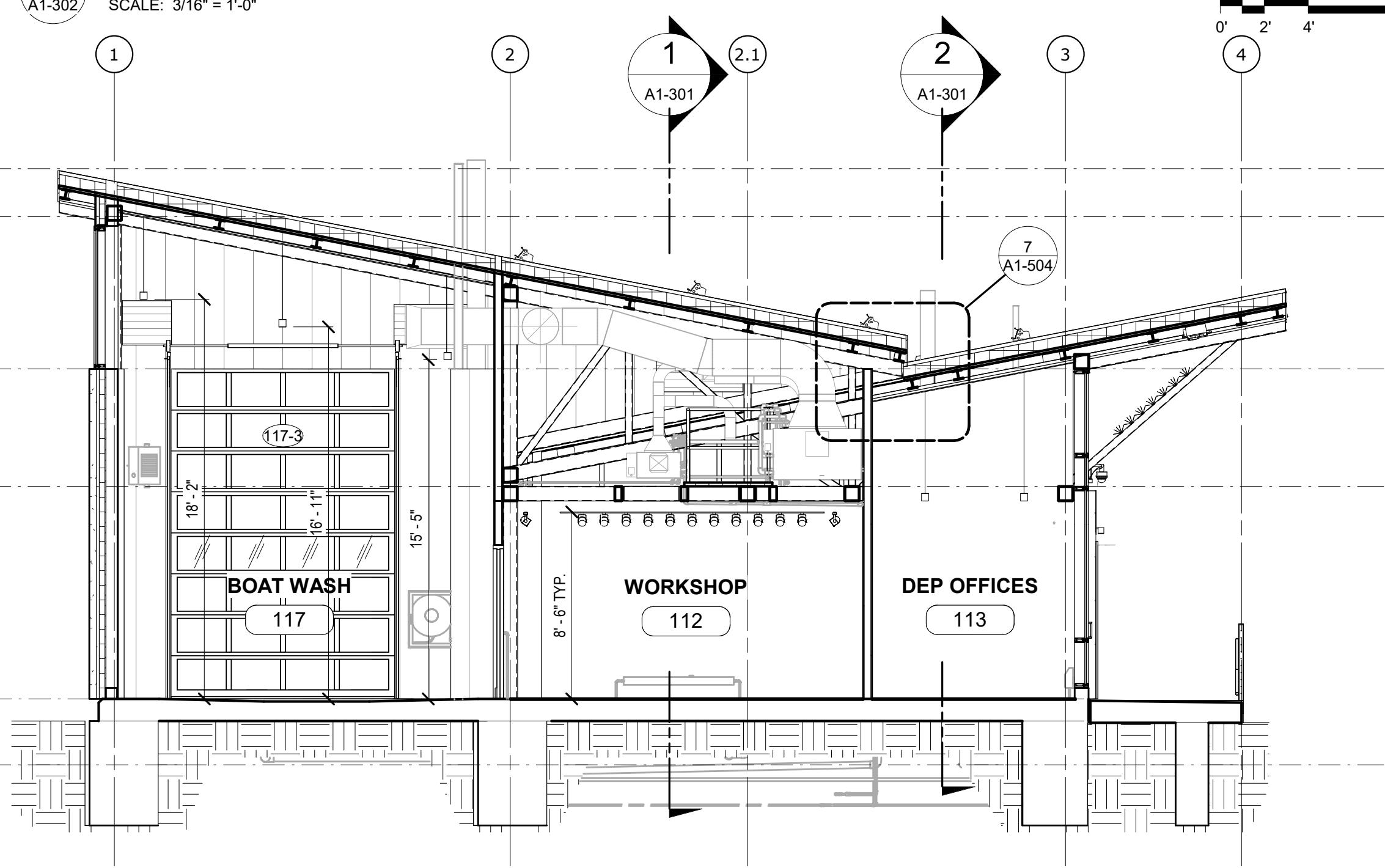
1 TRANSVERSE SECTION 1
A1-302 SCALE: 3/16" = 1'-0"



2 TRANSVERSE SECTION 2
A1-302 SCALE: 3/16" = 1'-0"



3 TRANSVERSE SECTION 3
A1-302 SCALE: 3/16" = 1'-0"



4 TRANSVERSE SECTION 4
A1-302 SCALE: 3/16" = 1'-0"

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P 212.242.3735

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J. HYUN
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E. CLAASSEN

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DESIGN LEAD:
EDWARD BARBOE, P.E.

Hazen



ACCOUNTABLE MANAGER
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MARK DELBALZO, P.E.

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AND PAVING
MOUNT PLEASANT, NEW YORK
ARCHITECTURAL
BUILDING SECTIONS

DATE: JANUARY 2023

SCALE:

SHEET NO:

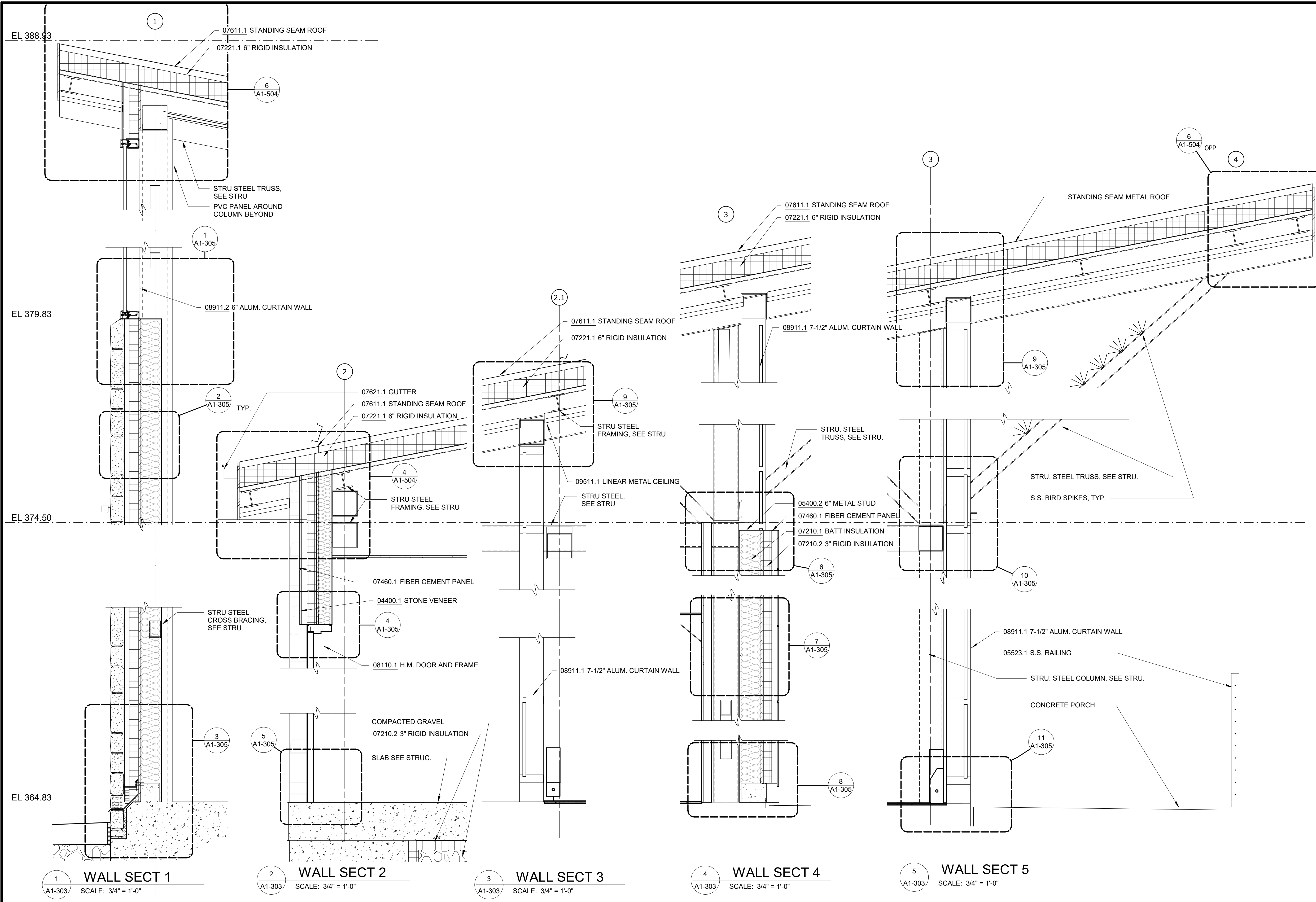
52 OF No. 80

DRAWING NO.

A1-302

NOTES - WALL SECTION

DIVISION 4	04400.1	STONE VENEER	4" FULL VENEER LIMESTONE
DIVISION 5	05400.2	6" METAL STUD	6" METAL STUD, 16" O.C.
05523.1		S.S. RAILING	STAINLESS STEEL CABLE GUARDRAIL
DIVISION 7	07210.1	BATT INSULATION	RECYCLED GLASS FIBER INSULATION BATTS, R-13 MIN.
07210.2		3" RIGID INSULATION	3" RIGID XPS INSULATION, R-5 PER INCH MIN., MECHANICALLY FASTENED TO GLASS MAT SHEATHING
07221.1		6" RIGID INSULATION	6" RIGID XPS INSULATION, R-5 PER INCH MIN., MECHANICALLY FASTENED TO METAL ROOF DECK
07460.1		FIBER CEMENT PANEL	5/16" (8MM) THROUGH COLOR FIBER CEMENT WALL PANEL
07611.1		STANDING SEAM ROOF	22 GA. MIN. GALVALUME MECHANICALLY SEALED DOUBLE LOCK ROOF
07621.1		GUTTER	SQUARE GALVALUME GUTTER, COLOR TO MATCH STANDING SEAM ROOF. GUTTER SLOPE 1/8" PER FOOT TOWARDS LEADER.
DIVISION 8	08110.1	H.M. DOOR AND FRAME	EXTERIOR GALVANIZED STEEL DOOR AND FRAME, PAINTED TO MATCH FIBER CEMENT PANEL COLOR
08911.1		7-1/2" ALUM. CURTAIN WALL	7-1/2" ALUMINUM FRONT-GLAZED CURTAIN WALL, CLEAR ANODIZED FINISH
08911.2		6" ALUM. CURTAIN WALL	6" ALUMINUM FRONT-GLAZED CURTAIN WALL, CLEAR ANODIZED FINISH
DIVISION 9	09511.1	LINEAR METAL CEILING	LINEAR METAL CEILING, 6" PLANKS, ATTACHED TO PURLINS



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

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

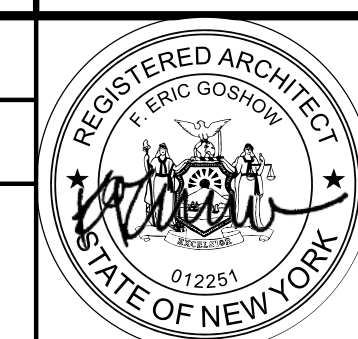
3 WALL SECT 3
SCALE: 3/4" = 1'-0"

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

5 WALL SECT 5
SCALE: 3/4" = 1'-0"

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P 212.242.3735

DESIGNED BY:
J. HYUN
DRAWN BY:
S. KINARD
CHECKED BY:
E. CLAASSEN
DESIGN LEAD:
EDWARD BARBOE, P.E.



ACCOUNTABLE MANAGER
JOSE NIEVES
PORTFOLIO MANAGER
MARK DELBALZO, P.E.

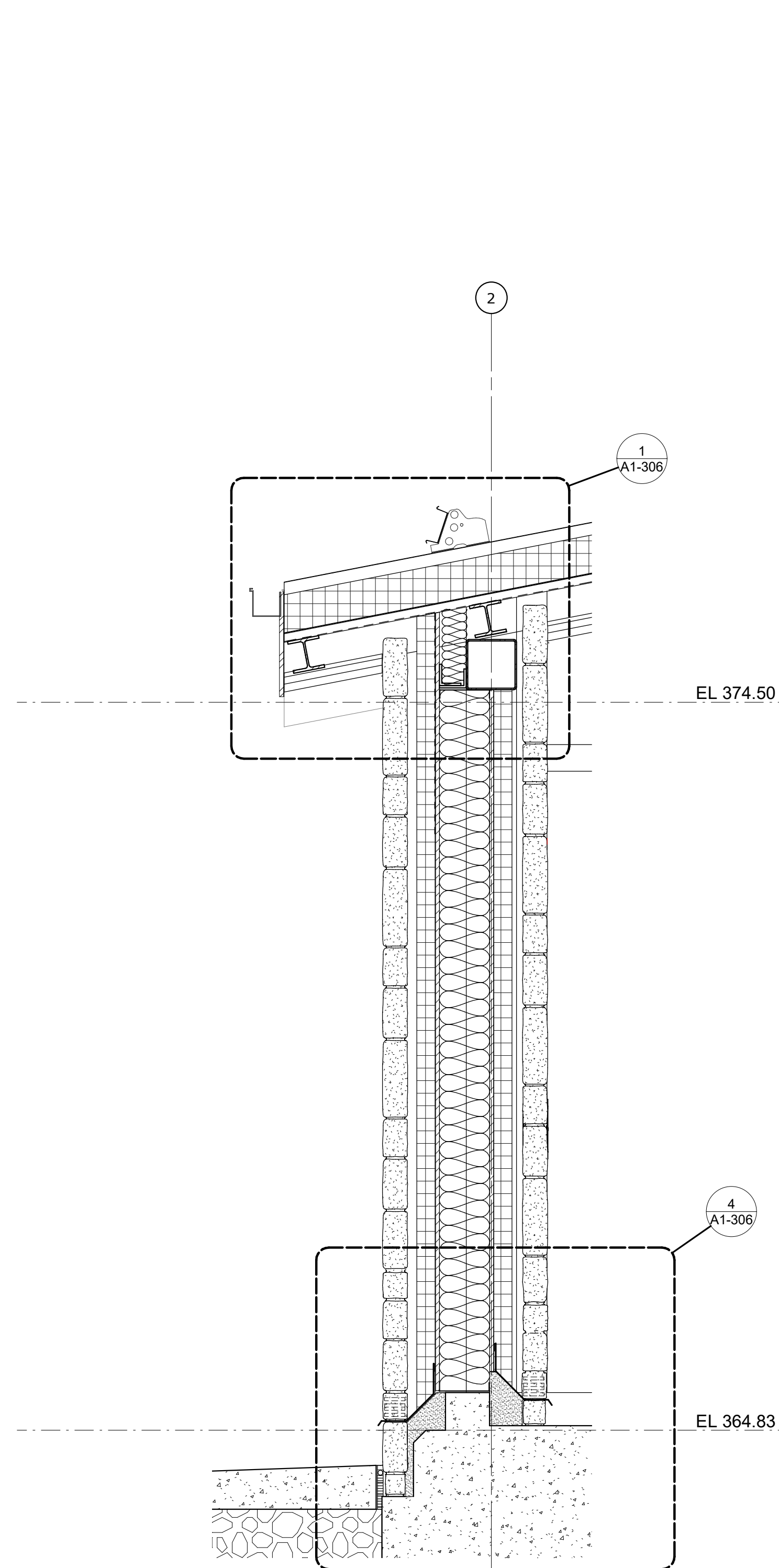
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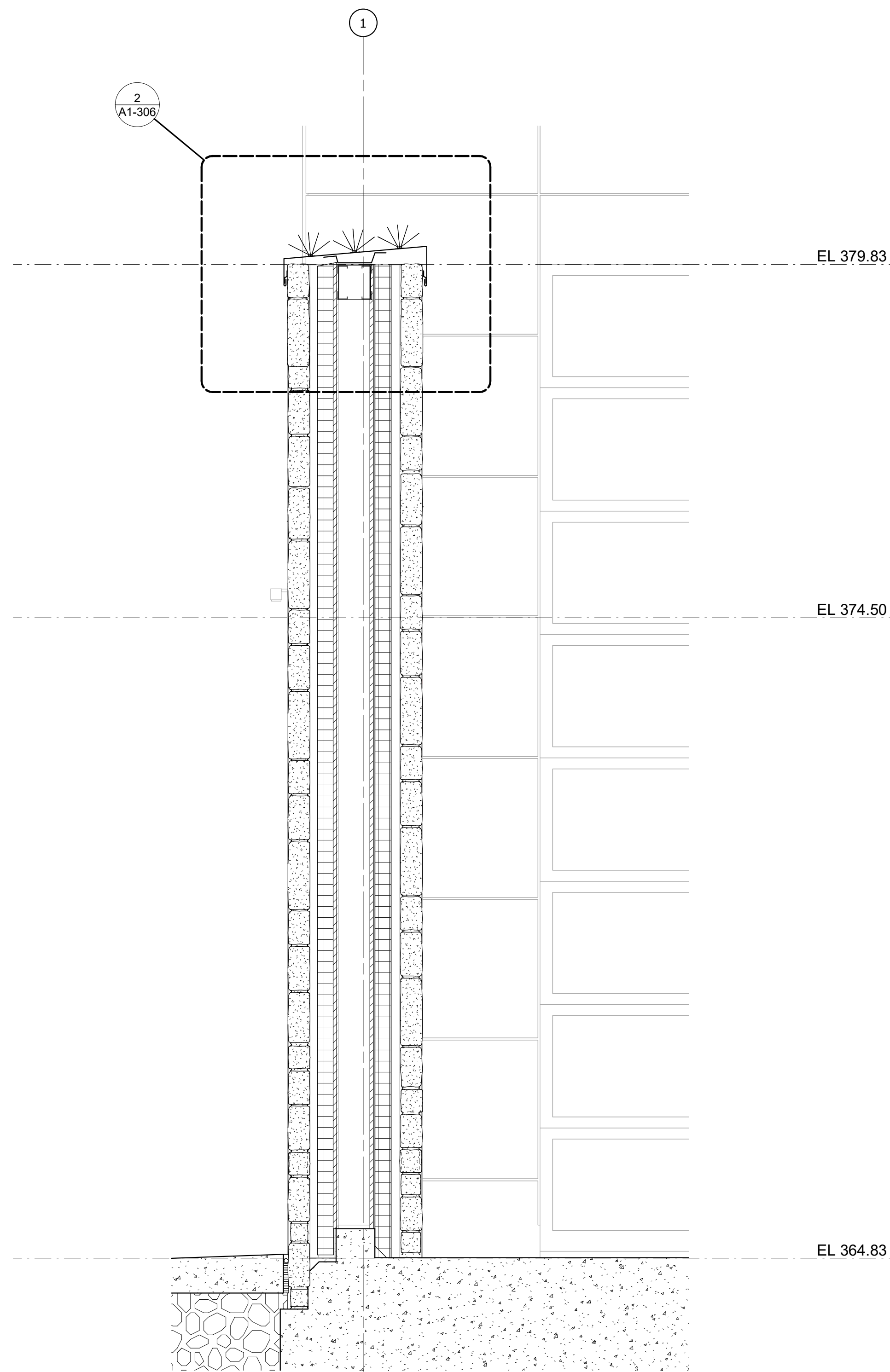
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WATERFOWL MANAGEMENT PROGRAM BUILDING AND PAVING MOUNT PLEASANT, NEW YORK ARCHITECTURAL WALL SECTIONS	DATE: JANUARY 2023
	SCALE:
	SHEET NO: 53 OF No. 80
	DRAWING NO. A1-303

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1 WALL SECT 6
A1-304 / SCALE: 3/4" = 1'-0"



2 WALL SECTION - WING WALL @ BOATWASH
A1-304 / SCALE: 3/4" = 1'-0"

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NO.	DATE	REVISIONS/DESCRIPTION	APPRD

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DESIGNED BY: J. HYUN	DRAWN BY: S. KINARD
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Hazen



ACCOUNTABLE MANAGER
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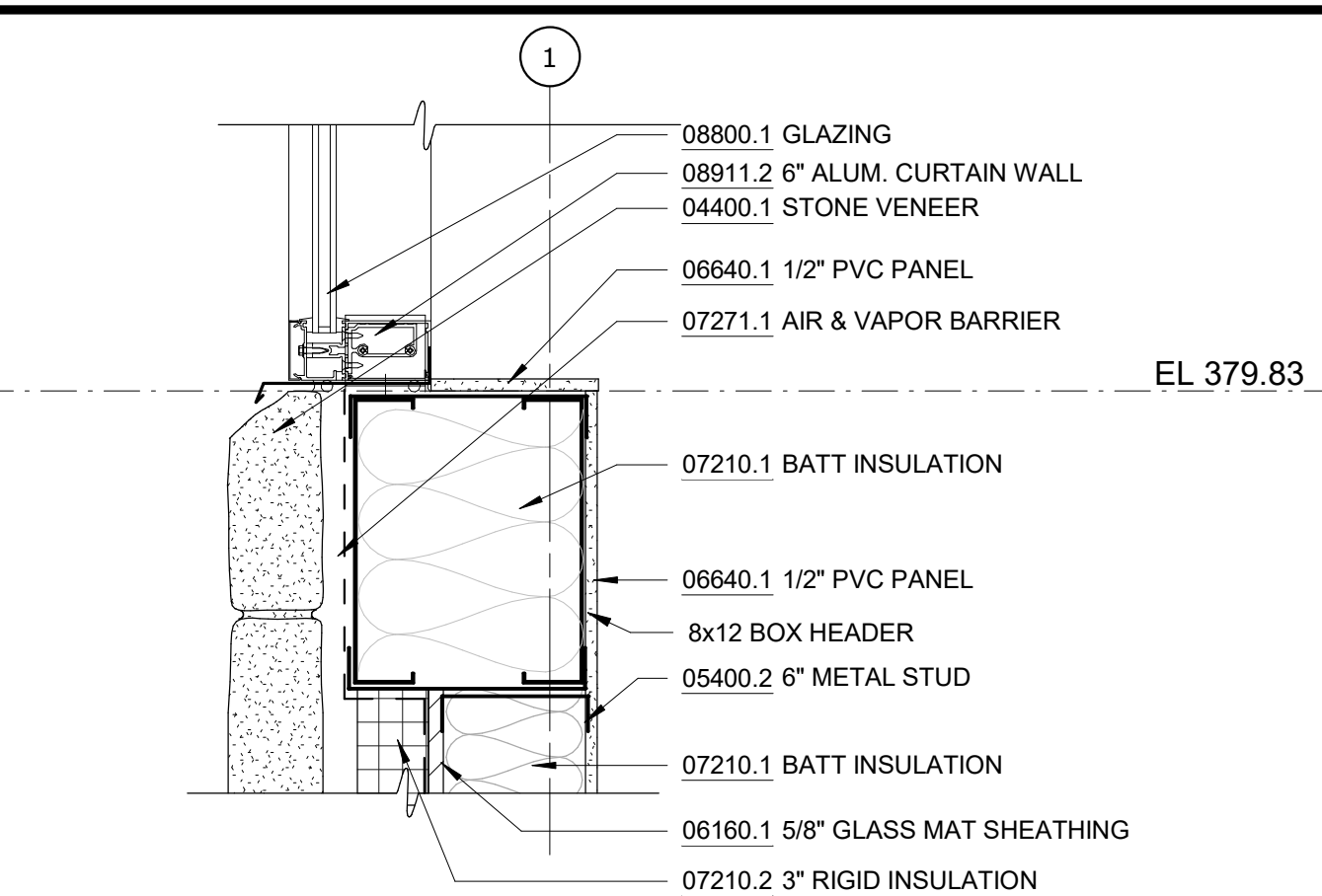
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 AND PAVING
 MOUNT PLEASANT, NEW YORK
 ARCHITECTURAL
 WALL SECTIONS

DATE: JANUARY 2023
 SCALE:
 SHEET NO:
 54 OF No. 80
 DRAWING NO.
A1-304

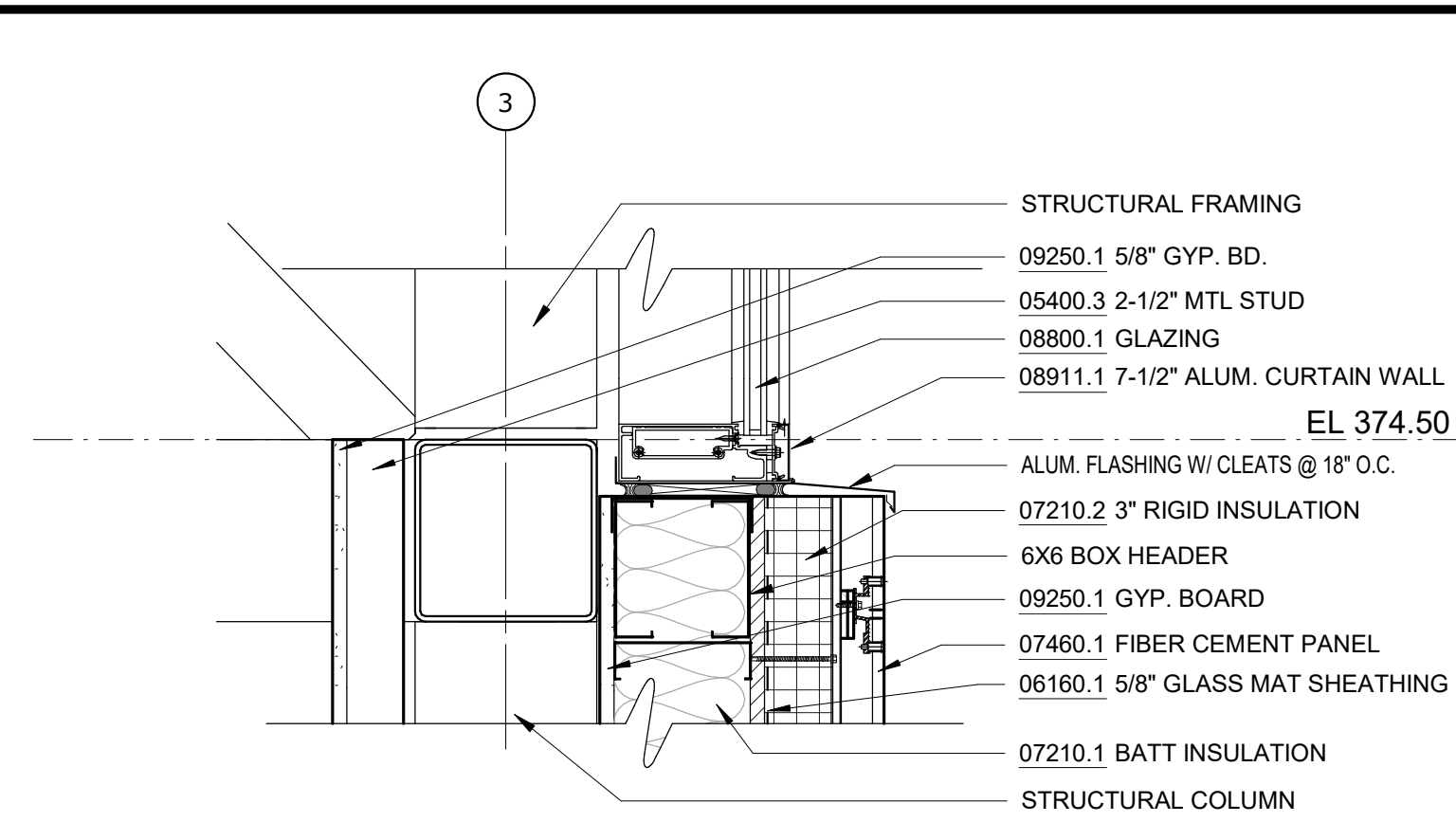
NOTES - DETAILS

DIVISION 4	04051.1 GROUT SOLID	
04400.1	STONE VENEER	4" FULL VENEER LIMESTONE
04400.2	WEEP HOLE	PLASTIC RECTANGULAR WEEP HOLES
04400.3	MORTAR NET	
DIVISION 5	05400.1	3-5/8" METAL STUD
05400.2	6" METAL STUD	3-5/8" METAL STUD, 16" O.C.
05400.3	2-1/2" MTL STUD	6" METAL STUD, 16" O.C.
05400.4	8" METAL STUD	2-1/2" METAL STUD, 16" O.C.
		8" METAL STUD, 16" O.C.
DIVISION 6	06160.1	<varies>
06640.1	1/2" PVC PANEL	5/8" GLASS MAT SHEATHING, FASTENED TO METAL STUDS
06640.2	PVC BASE TRIM	TONGUE AND GROOVE, RIB REINFORCED, 1/2" THICK PVC WALL PANEL
		PVC TRIM PIECES BY WALL PANEL MANUFACTURER, COLOR TO MATCH WALL PANEL
DIVISION 7	07111.1	DAMPPROOFING
07210.1	BATT INSULATION	BITUMINOUS DAMPPROOFING, APPLIED TO CONCRETE FOUNDATION
07210.2	3" RIGID INSULATION	RECYCLED GLASS FIBER INSULATION BATTS, R-13 MIN.
07221.1	6" RIGID INSULATION	3" RIGID XPS INSULATION, R-5 PER INCH MIN., MECHANICALLY FASTENED TO GLASS MAT SHEATHING
07271.1	AIR & VAPOR BARRIER	6" RIGID XPS INSULATION, R-5 PER INCH MIN., MECHANICALLY FASTENED TO METAL ROOF DECK
07460.1	FIBER CEMENT PANEL	ADHERED TO GLASS MAT SHEATHING
07460.2	RAINSCREEN ATTACHMENT SYSTEM	5/16" (8MM) THROUGH COLOR FIBER CEMENT WALL PANEL
07460.3	VERTICAL CHANNEL	THERMALLY ISOLATED EXPOSED FASTENER RAINSCREEN ATTACHMENT SYSTEM
07611.1	STANDING SEAM ROOF	1/2" VERTICAL HAT CHANNEL @ 16" O.C.
07611.2	SNOW GUARD	22 GA. MIN. GALVALUME MECHANICALLY SEALED DOUBLE LOCK ROOF
		MECHANICALLY ATTACHED ALUMINUM SNOW GUARDS, COLOR TO MATCH ROOFING
07620.1	FLASHING	
07620.2	FLASHING	
07620.3	FLASHING	
07900.1	SEALANT	
07900.2	CAULK	
07900.3	BACKER ROD	
DIVISION 8	08110.1	H.M. DOOR AND FRAME
08800.1	GLAZING	EXTERIOR GALVANIZED STEEL DOOR AND FRAME, PAINTED TO MATCH FIBER CEMENT PANEL COLOR
08911.1	7-1/2" ALUM. CURTAIN WALL	1" INSULATED GLASS UNIT WITH BIRD PROTECTION UV STRIPE COATING
08911.2	6" ALUM. CURTAIN WALL	7-1/2" ALUMINUM FRONT-GLAZED CURTAIN WALL, CLEAR ANODIZED FINISH
08911.3	BRAKE METAL	6" ALUMINUM FRONT-GLAZED CURTAIN WALL, CLEAR ANODIZED FINISH
		FINISH TO MATCH CURTAIN WALL
DIVISION 9	09206.1	METAL FURRING
09206.2	METAL FURRING CHANNEL CLIP	
09206.3	1 1/2" STEEL RUNNING CHANNEL	
09206.4	GAT CLIP	4B1.5L CAT. #16.59 SM (OR OTHER APPROVED MEANS)
09206.5	MAIN TEE	24" OC MAX., SHAPE AND DESIGN AS APPROVED (THE RECESSED FIXTURE MAY BE SUPPORTED BY THE MAIN TEES SPACED 2'-0" OR 4'-0" OC)
09206.6	DIRECT HANG CLIP	
09206.7	HAT CHANNEL	7/8" METAL HAT CHANNEL
09250.1	5/8" GYP. BD.	5/8" GYPSUM BOARD, ABUSE RESISTANT
09250.2	TRIM	J TRIM WITH SEALANT BEAD
09250.5	STEEL ROD	1/4" DIA. GALVANIZED STEEL ROD, SPACING NOT TO EXCEED 4'-0" OC
09511.1	LINEAR METAL CEILING	LINEAR METAL CEILING, 6" PLANKS, ATTACHED TO PURLINS
09511.2	LINEAR METAL PLANK	LINEAR METAL CEILING, 6" PLANKS, ATTACHED TO PURLINS
09511.3	CARRIER	LINEAR METAL CEILING MANUFACTURER'S STANDARD CEILING ATTACHMENT, ATTACHED TO PURLINS
09511.4	HANGER WIRE	12 GA HANGER WIRE, 48" O.C. MAX
09511.5	CROSS TEE	1 1/2" HIGH, 2'-0" OC
09511.6	CARRIER SPLICE	CARRIER SPLICE WITH FIELD-FLATTENED LANCE, TYPICAL



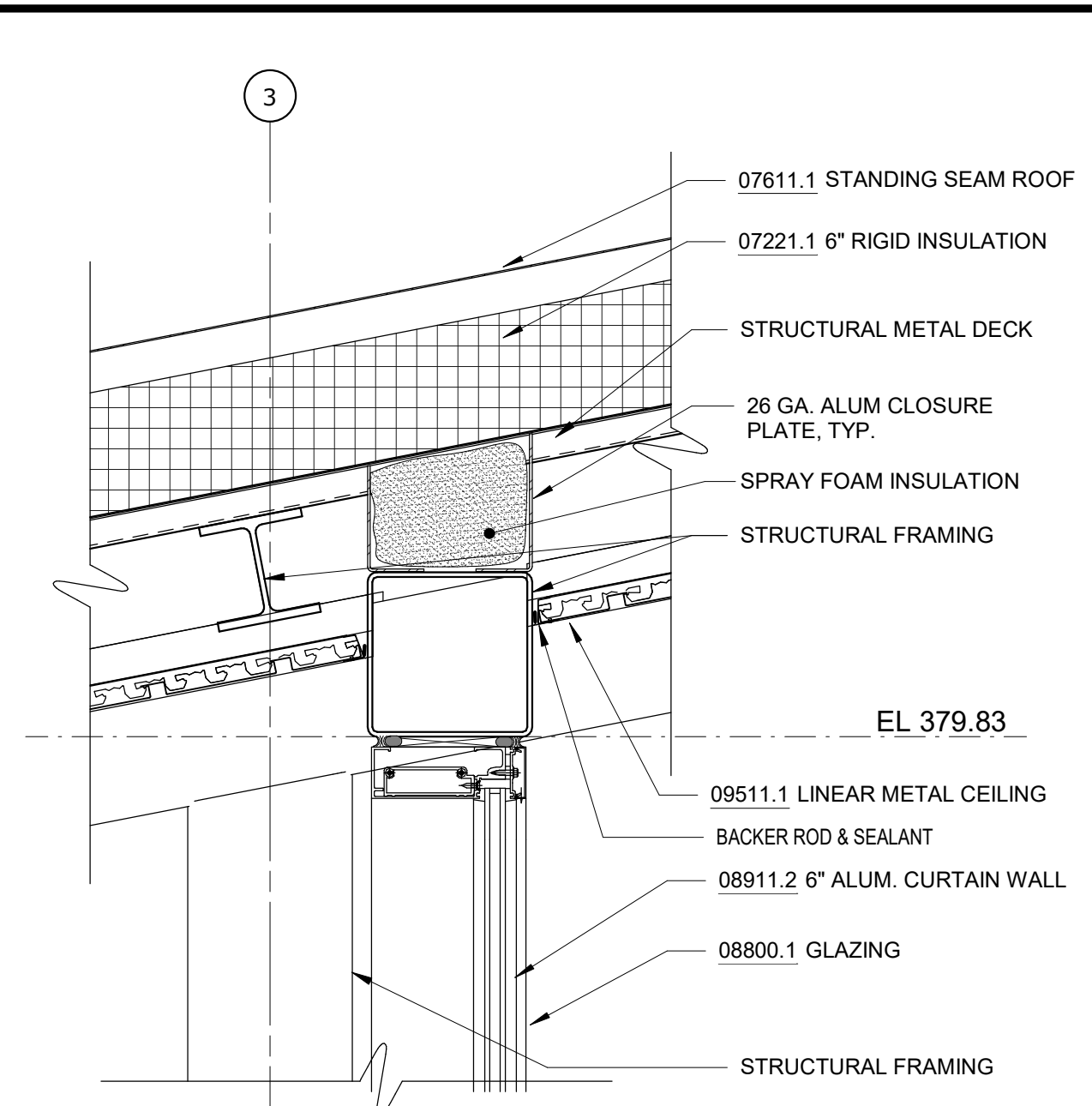
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1 A1-305 SCALE: 1 1/2" = 1'-0"



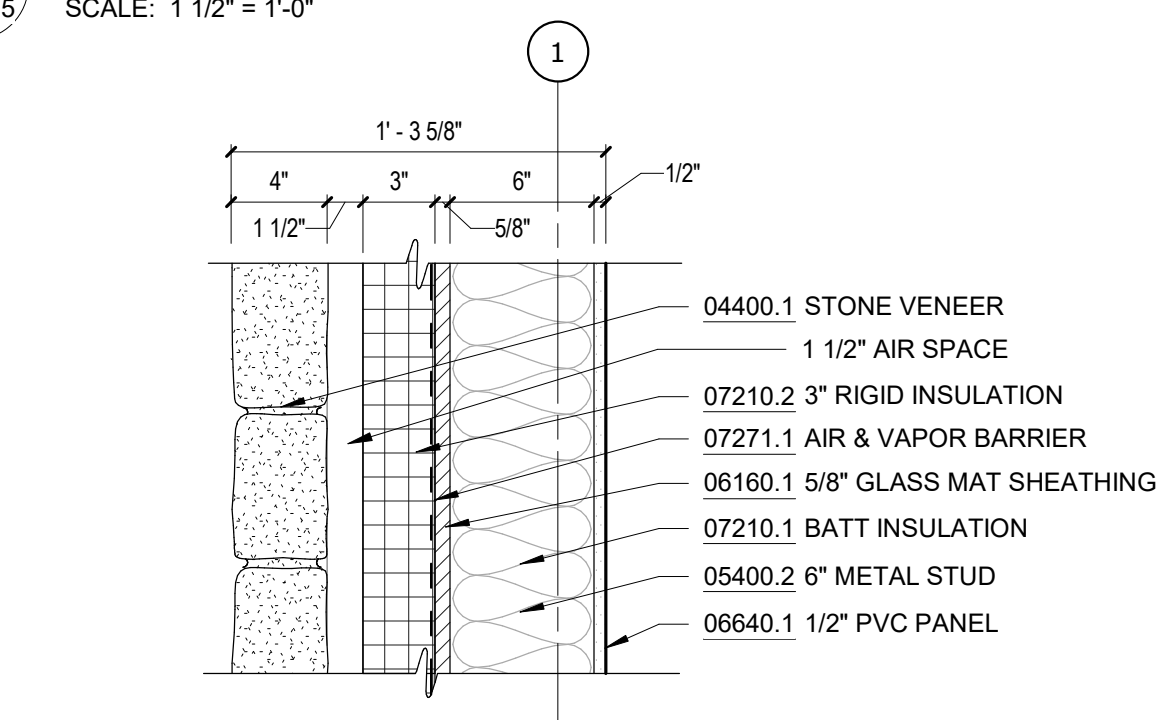
SECT DETAIL - FIBER CEMENT TO CURTAIN WALL

6 A1-305 SCALE: 1 1/2" = 1'-0"



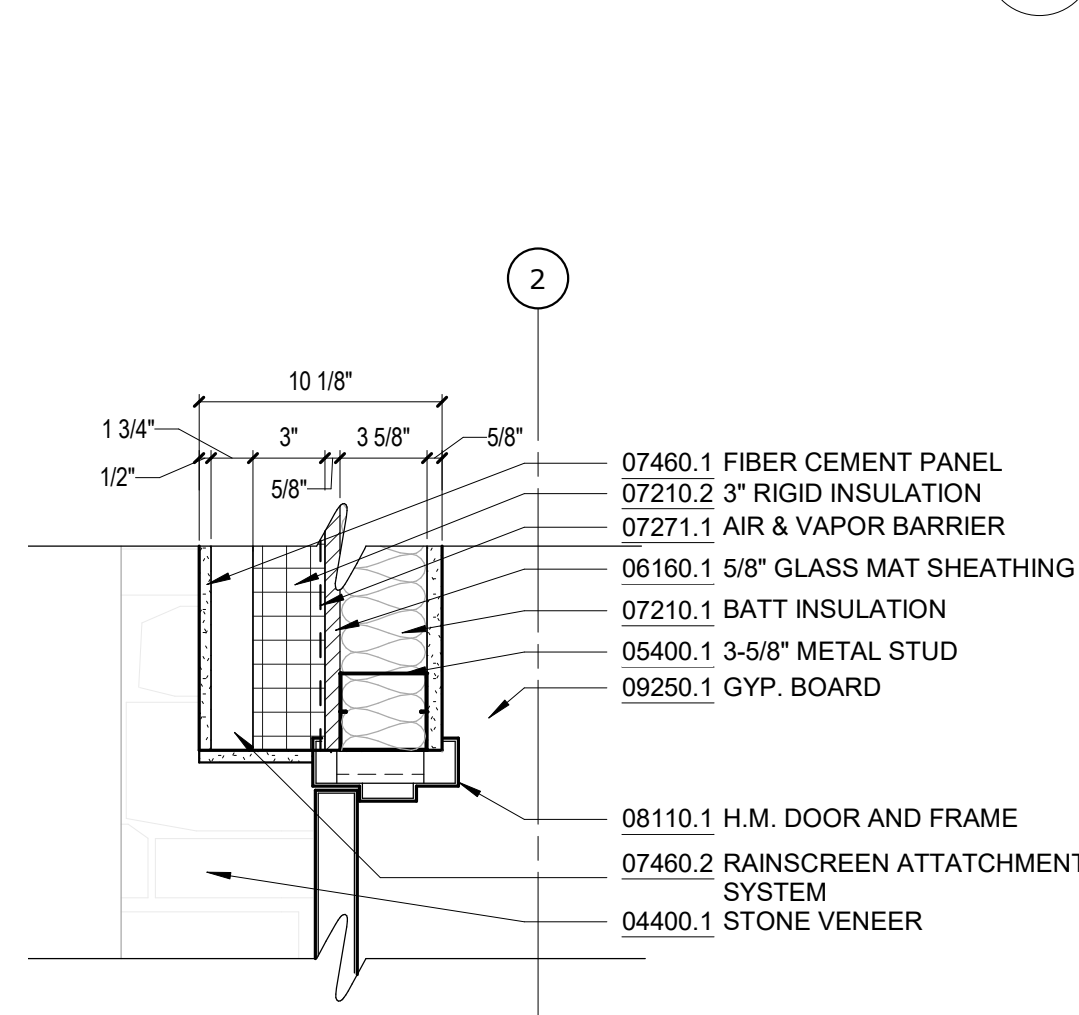
SECT DETAIL - ROOF CONNECTION

9 A1-305 SCALE: 1 1/2" = 1'-0"



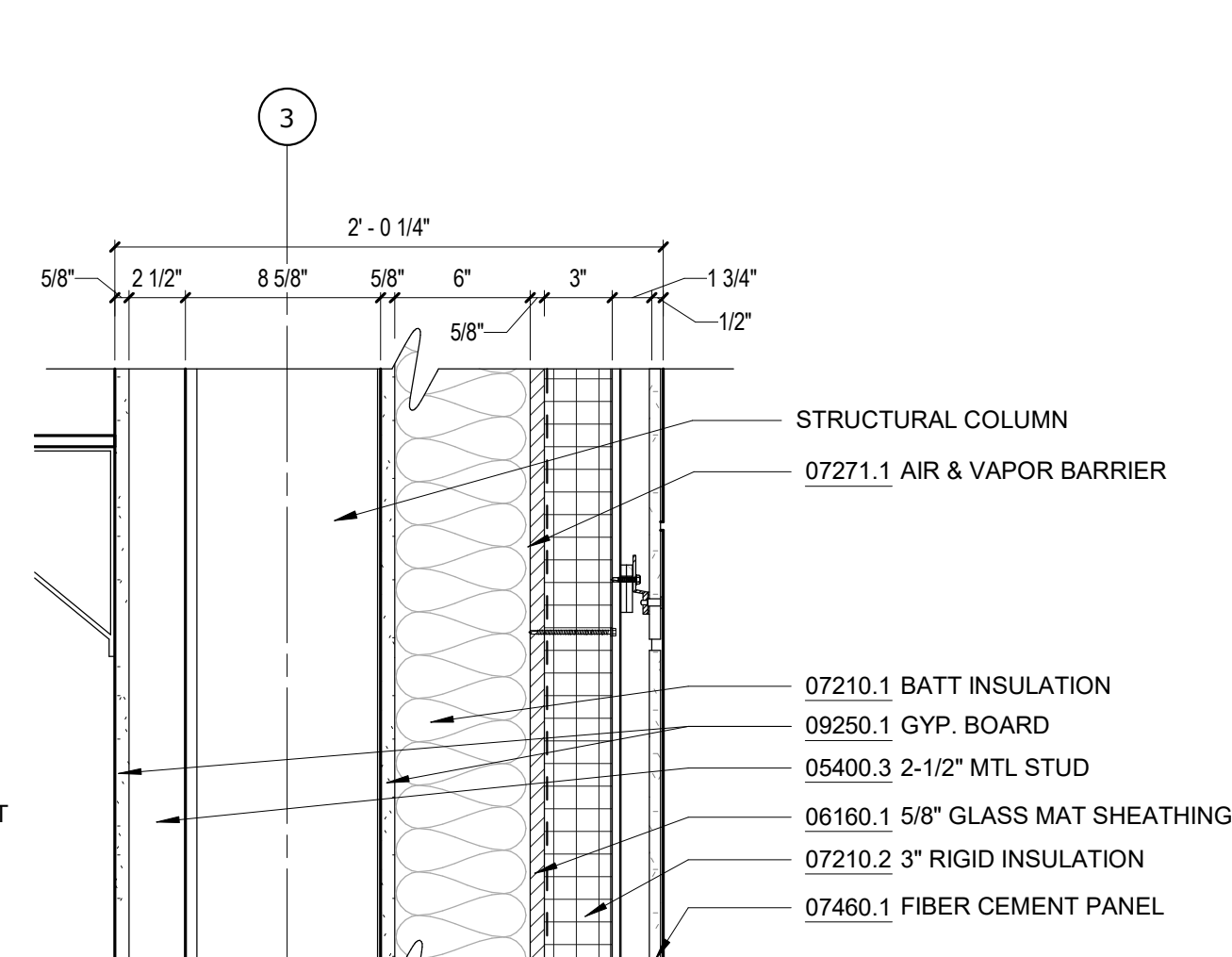
SECT DETAIL - STONE WALL, TYP.

2 A1-305 SCALE: 1 1/2" = 1'-0"



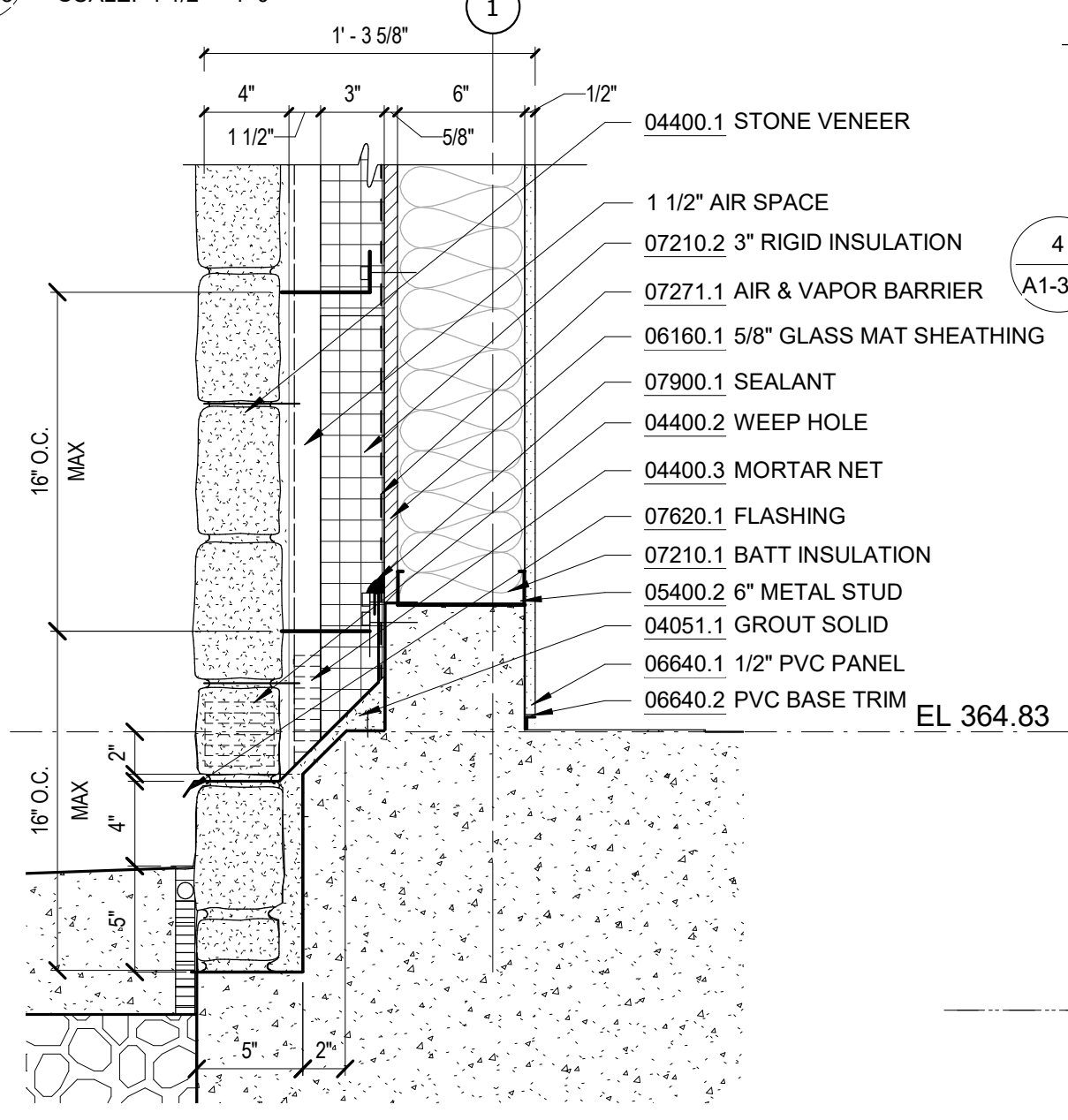
SECT DETAIL - HM EXT. DOOR HEAD

4 A1-305 SCALE: 1 1/2" = 1'-0"



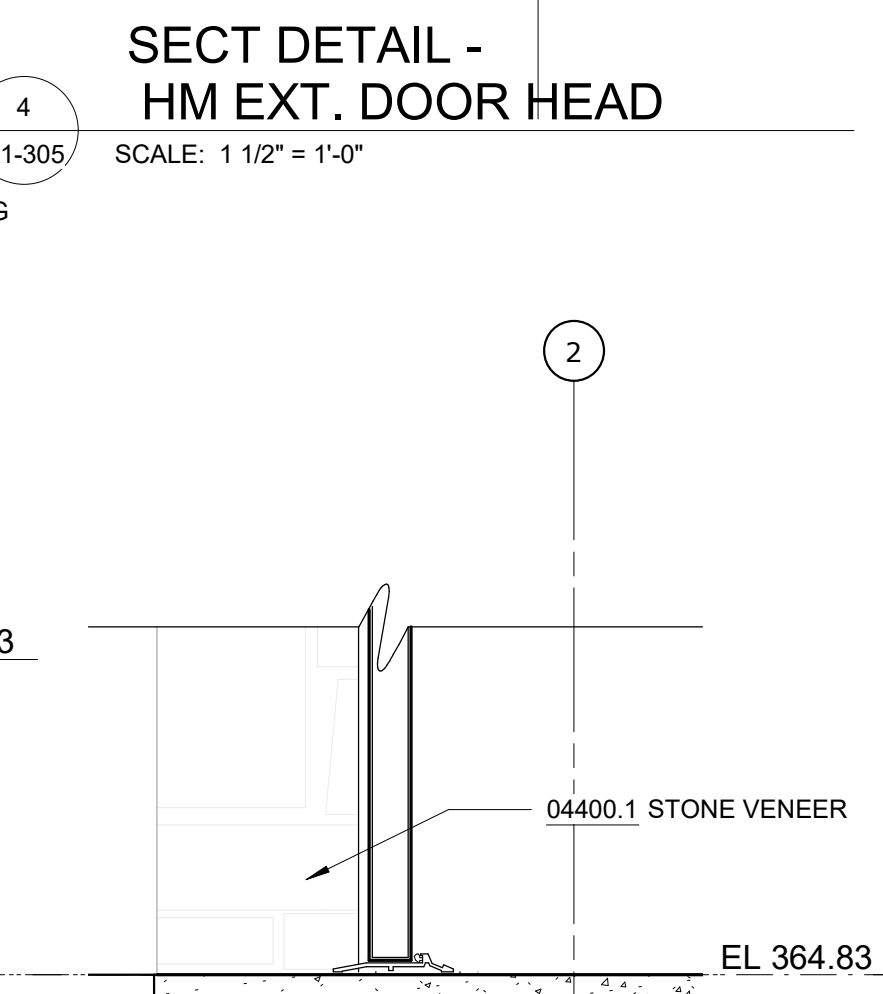
SECT DETAIL - FIBER CEMENT WALL, TYP.

7 A1-305 SCALE: 1 1/2" = 1'-0"



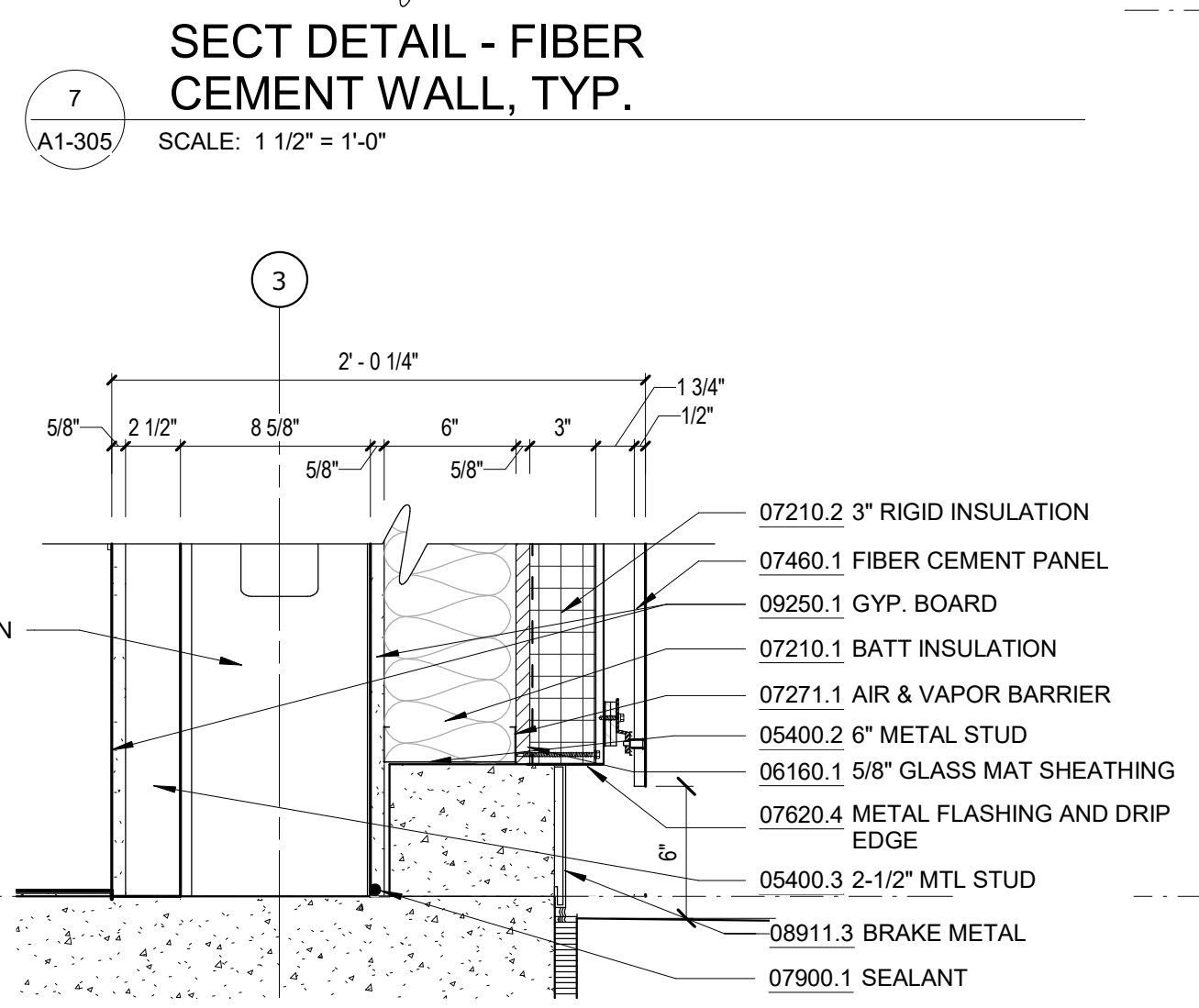
SECT DETAIL - STONE WALL BASE

3 A1-305 SCALE: 1 1/2" = 1'-0"



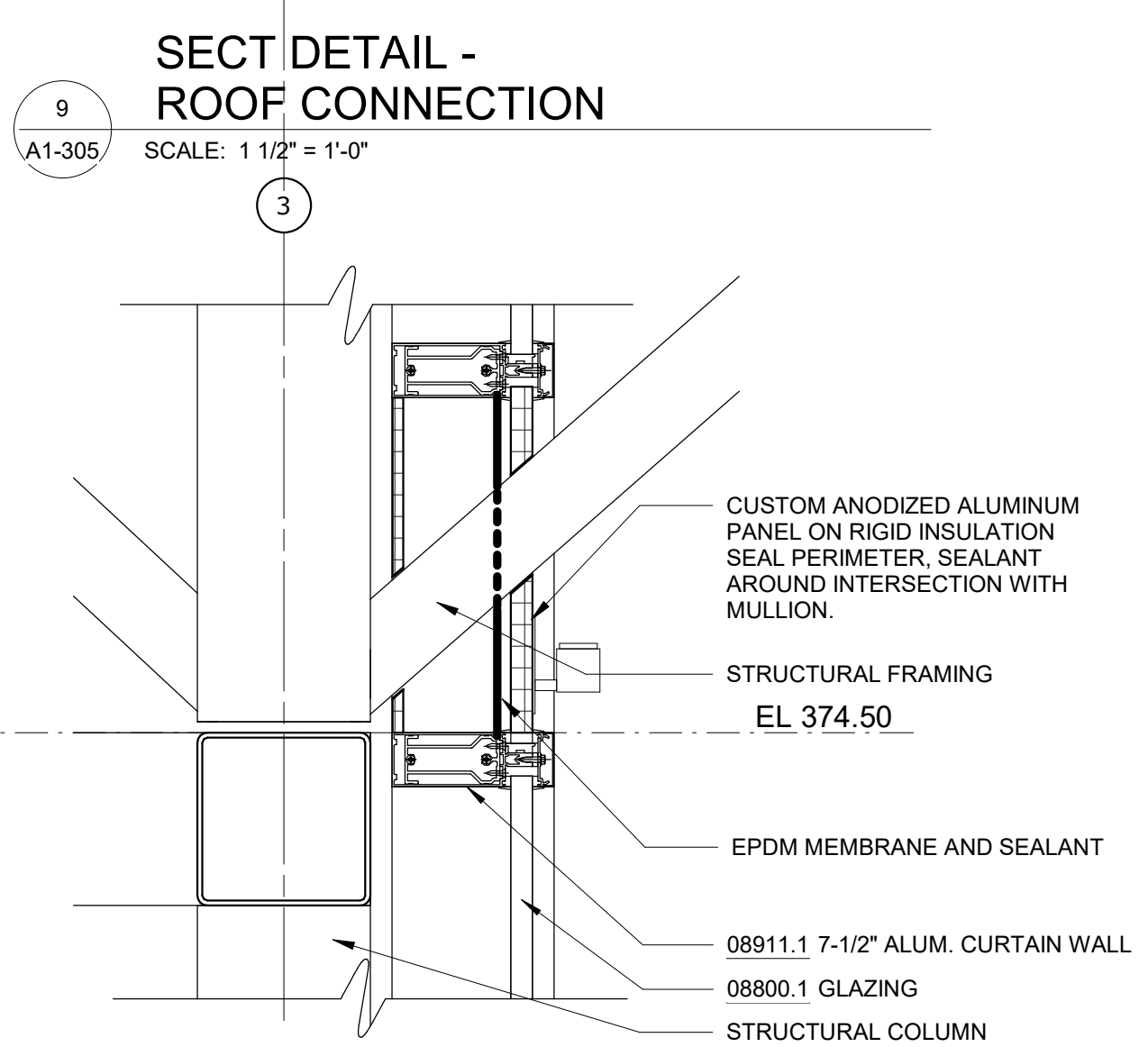
SECT DETAIL - HM EXT. DOOR BASE

5 A1-305 SCALE: 1 1/2" = 1'-0"



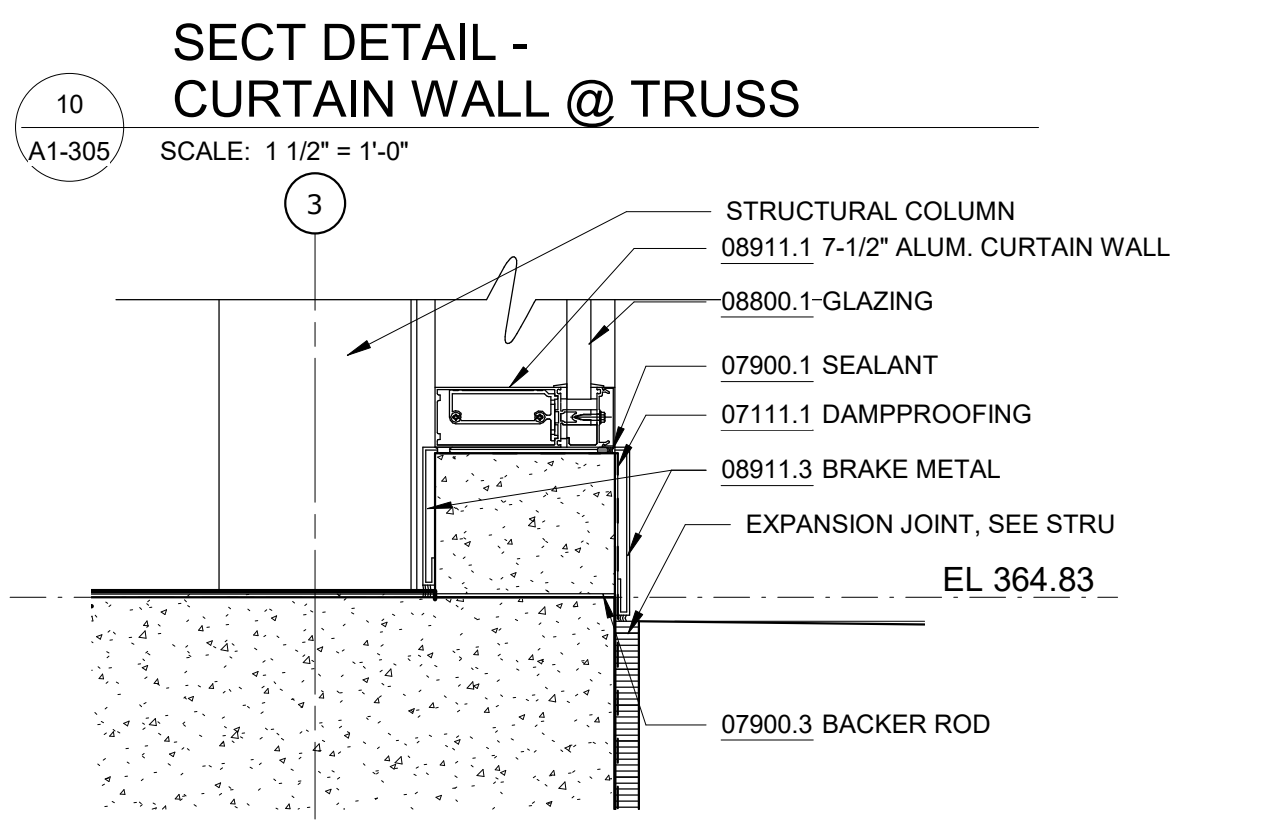
SECT DETAIL - FIBER CEMENT WALL BASE

8 A1-305 SCALE: 1 1/2" = 1'-0"



SECT DETAIL - CURTAIN WALL @ TRUSS

10 A1-305 SCALE: 1 1/2" = 1'-0"

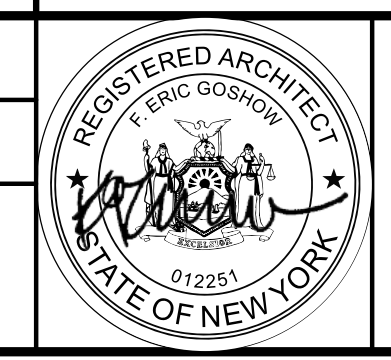


SECT DETAIL - BASE AT CURTAIN WALL

11 A1-305 SCALE: 1 1/2" = 1'-0"

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P 212.242.3735

DESIGNED BY: J. HYUN	DRAWN BY: S. KINARD
CHECKED BY: E. CLAASSEN	DESIGN LEAD: EDWARD BARBOE, P.E.



ACCOUNTABLE MANAGER
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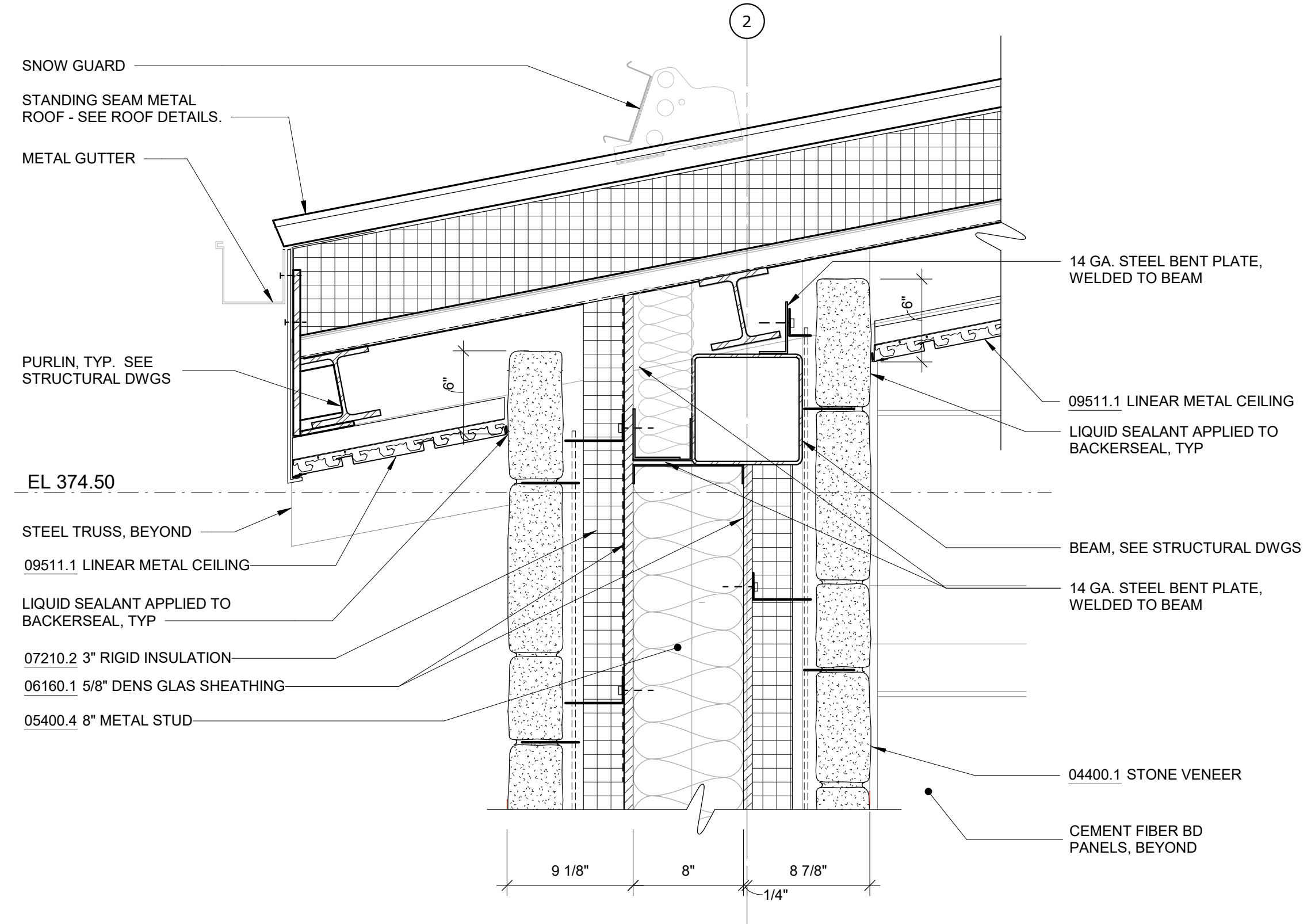
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	SCALE: SHEET NO: 55 OF No. 80
	DRAWING NO. A1-305

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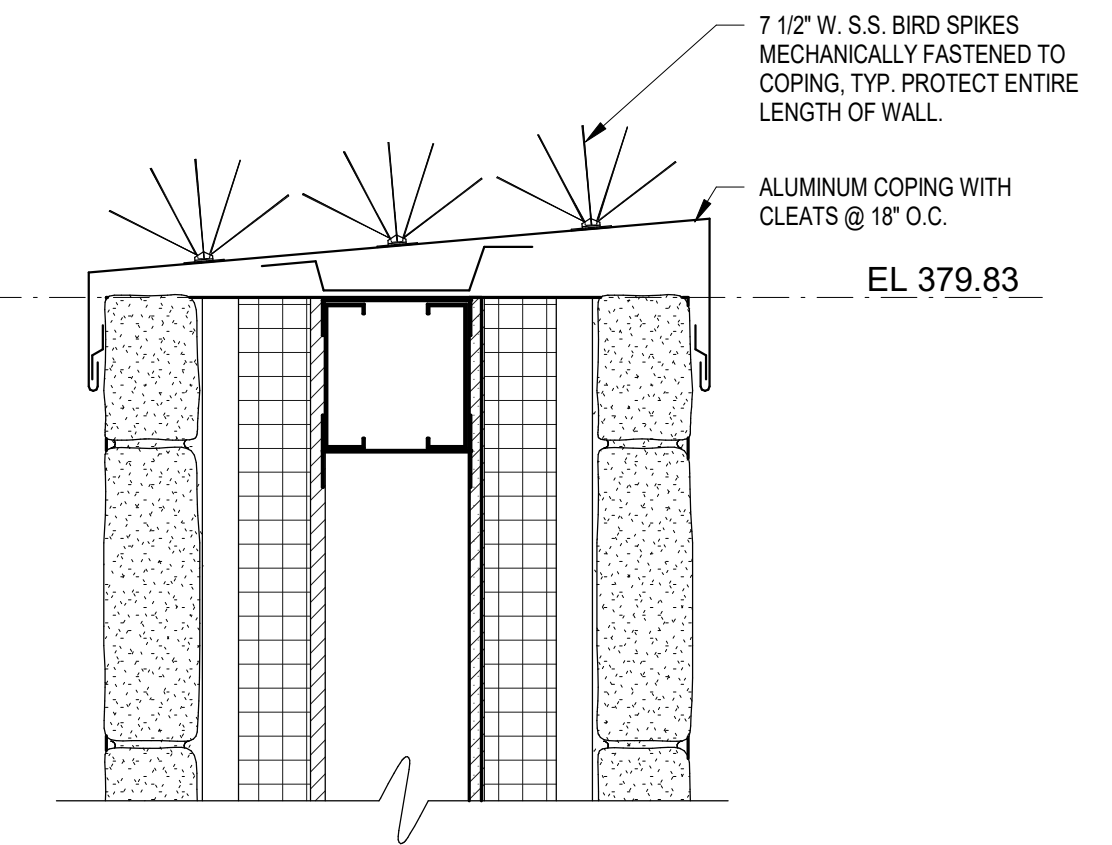
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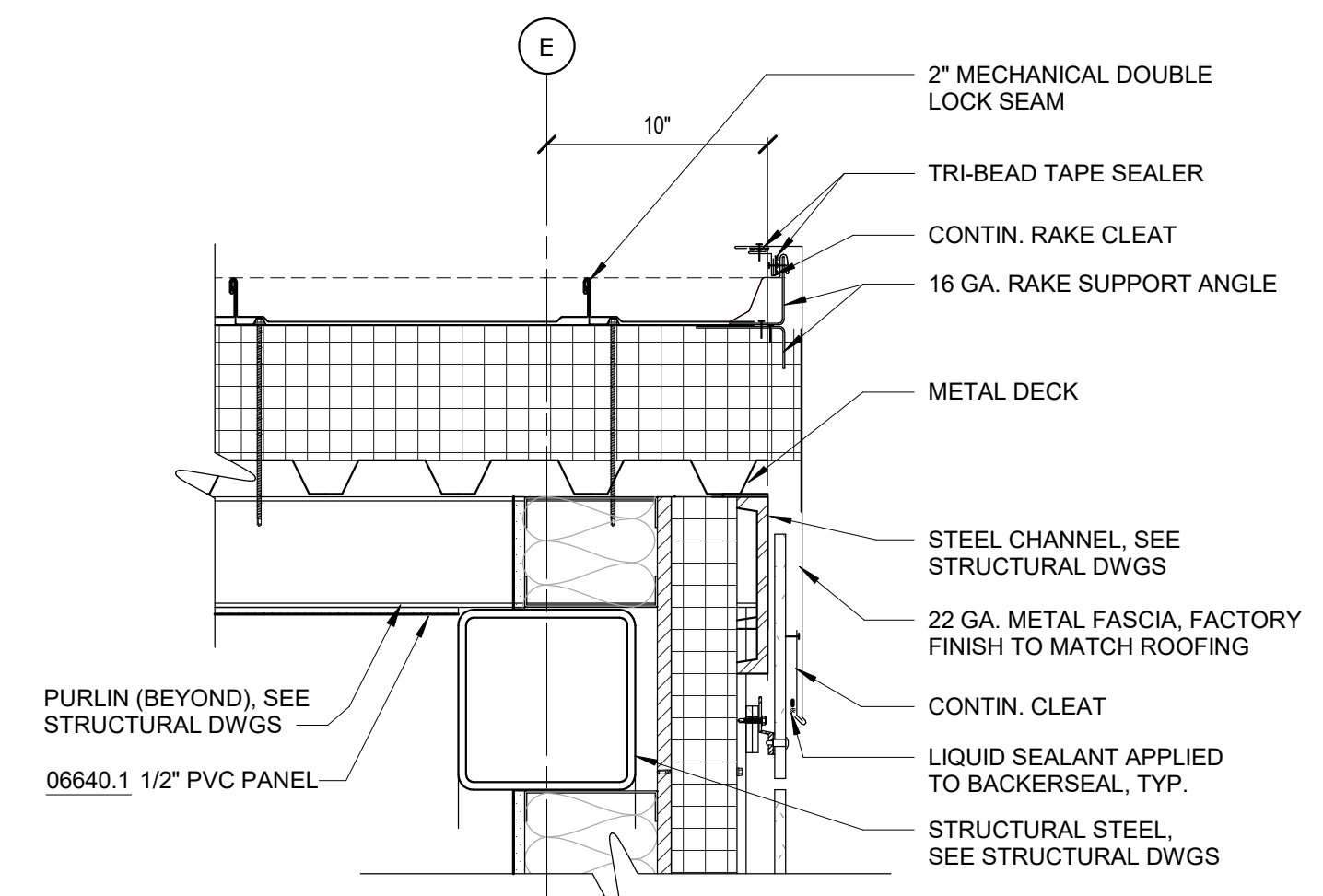
DIVISION 4		
04051.1	GROUT SOLID	
04400.1	STONE VENEER	4" FULL VENEER LIMESTONE
04400.2	WEEP HOLE	PLASTIC RECTANGULAR WEEP HOLES
04400.3	MORTAR NET	
DIVISION 5		
05400.1	3-5/8" METAL STUD	3-5/8" METAL STUD, 16" O.C.
05400.2	6" METAL STUD	6" METAL STUD, 16" O.C.
05400.3	2-1/2" MTL STUD	2-1/2" METAL STUD, 16" O.C.
05400.4	8" METAL STUD	8" METAL STUD, 16" O.C.
DIVISION 6		
06160.1	<varies>	5/8" GLASS MAT SHEATHING, FASTENED TO METAL STUDS
06640.1	1/2" PVC PANEL	TONGUE AND GROOVE, RIB REINFORCED, 1/2" THICK PVC WALL PANEL
06640.2	PVC BASE TRIM	PVC TRIM PIECES BY WALL PANEL MANUFACTURER, COLOR TO MATCH WALL PANEL
DIVISION 7		
07111.1	DAMPPROOFING	BITUMINOUS DAMPPROOFING, APPLIED TO CONCRETE FOUNDATION
07210.1	BATT INSULATION	RECYCLED GLASS FIBER INSULATION BATTS, R-13 MIN.
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07460.3	VERTICAL CHANNEL	1/2" VERTICAL HAT CHANNEL @ 16" O.C.
07611.1	STANDING SEAM ROOF	22 GA. MIN. GALVALUME MECHANICALLY SEALED DOUBLE LOCK ROOF
07611.2	SNOW GUARD	MECHANICALLY ATTACHED ALUMINUM SNOW GUARDS, COLOR TO MATCH ROOFING
07620.1	FLASHING	COPPER THRU-WALL FLASHING
07620.2	FLASHING	
07620.3	FLASHING	
07900.1	SEALANT	
07900.2	CAULK	
07900.3	BACKER ROD	
DIVISION 8		
08110.1	H.M. DOOR AND FRAME	EXTERIOR GALVANIZED STEEL DOOR AND FRAME, PAINTED TO MATCH FIBER CEMENT PANEL COLOR
08800.1	GLAZING	1" INSULATED GLASS UNIT WITH BIRD PROTECTION UV STRIPE COATING
08911.1	7-1/2" ALUM. CURTAIN WALL	7-1/2" ALUMINUM FRONT-GLAZED CURTAIN WALL, CLEAR ANODIZED FINISH
08911.2	6" ALUM. CURTAIN WALL	6" ALUMINUM FRONT-GLAZED CURTAIN WALL, CLEAR ANODIZED FINISH
08911.3	BRAKE METAL	FINISH TO MATCH CURTAIN WALL
DIVISION 9		
09206.1	METAL FURRING	
09206.2	METAL FURRING CHANNEL CLIP	
09206.3	1 1/2" STEEL RUNNING CHANNEL	
09206.4	GAT CLIP	4B1.5L CAT. #16.59.SM (OR OTHER APPROVED MEANS)
09206.5	MAIN TEE	24" OC MAX., SHAPE AND DESIGN AS APPROVED (THE RECESSED FIXTURE MAY BE SUPPORTED BY THE MAIN TEES SPACED 2'-0" OR 4'-0" OC)
09206.6	DIRECT HANG CLIP	
09206.7	HAT CHANNEL	7/8" METAL HAT CHANNEL
09250.1	5/8" GYP. BD.	5/8" GYPSUM BOARD, ABUSE RESISTANT
09250.2	TRIM	J TRIM WITH SEALANT BEAD
09250.5	STEEL ROD	1/4" DIA. GALVANIZED STEEL ROD, SPACING NOT TO EXCEED 4'-0" OC
09511.1	LINEAR METAL CEILING	LINEAR METAL CEILING, 6" PLANKS, ATTACHED TO PURLINS
09511.2	LINEAR METAL PLANK	LINEAR METAL CEILING, 6" PLANKS, ATTACHED TO PURLINS
09511.3	CARRIER	LINEAR METAL CEILING MANUFACTURER'S STANDARD CEILING ATTACHMENT, ATTACHED TO PURLINS
09511.4	HANGER WIRE	12 GA HANGER WIRE, 48" O.C. MAX
09511.5	CROSS TEE	1 1/2" HIGH, 2'-0" OC
09511.6	CARRIER SPLICE	CARRIER SPLICE WITH FIELD-FLATTENED LANCE, TYPICAL



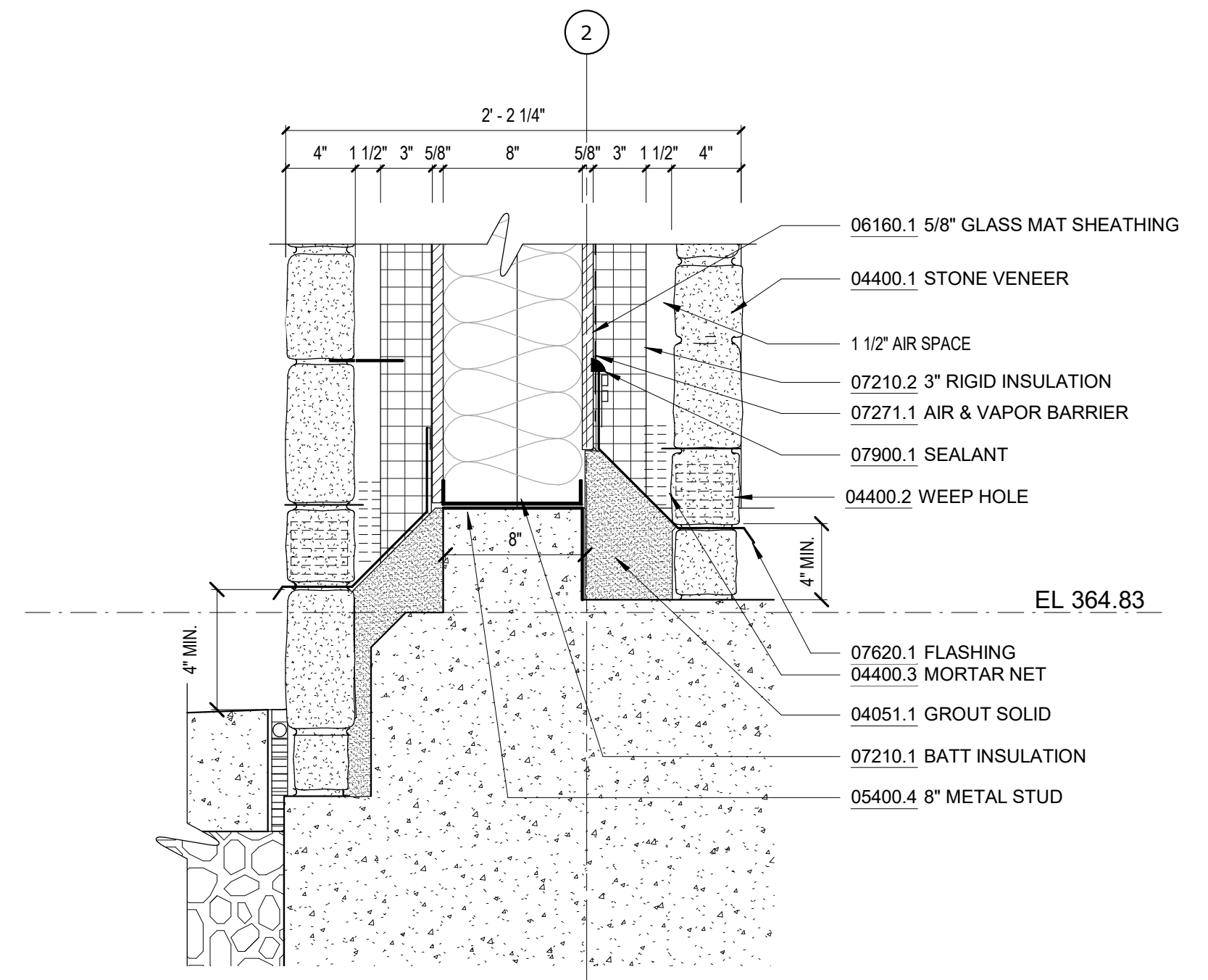
1 SECT DETAIL - STONE WALL AT VESTIBULE
SCALE: 1 1/2" = 1'-0"



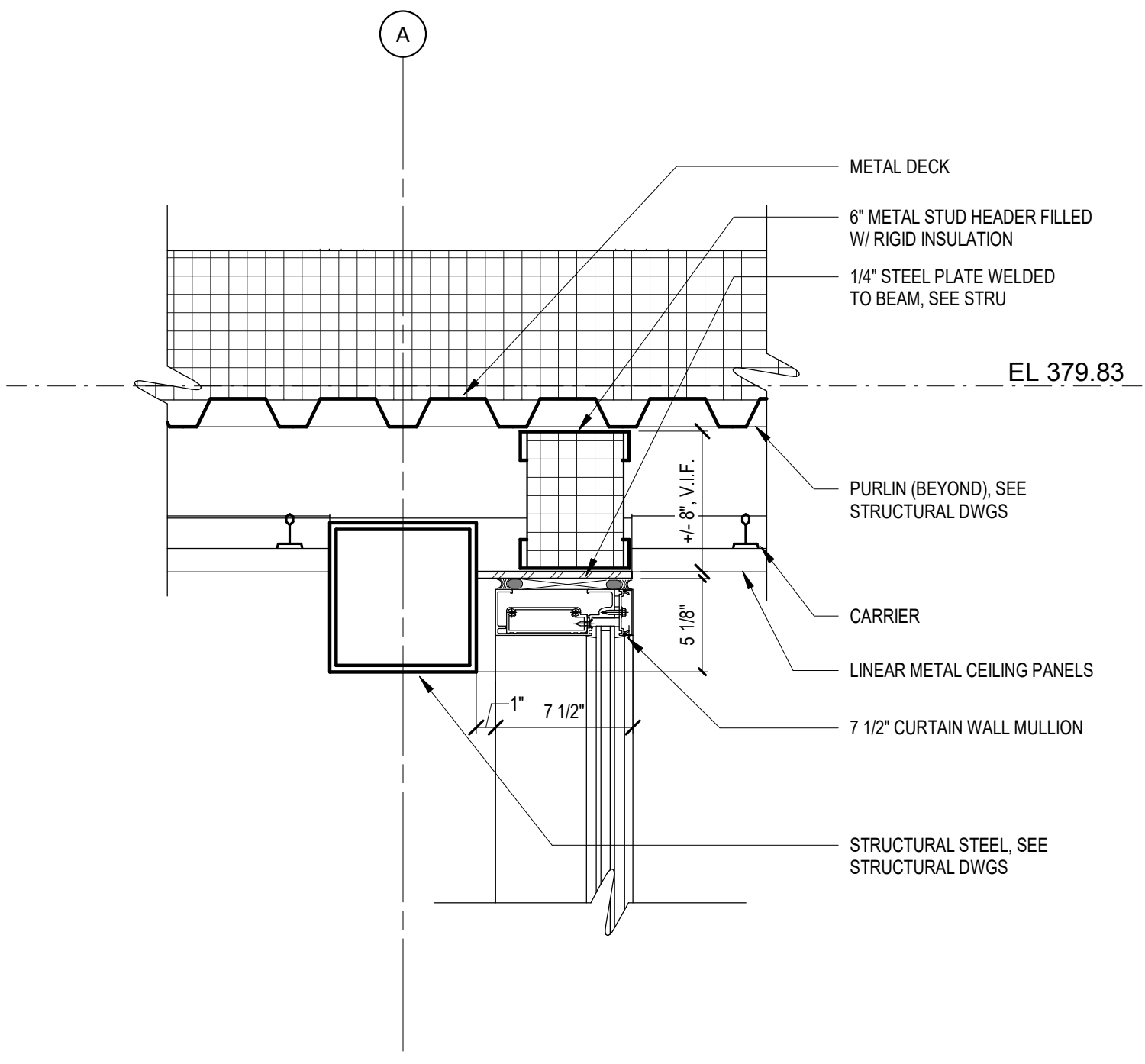
2 SECTION DETAIL - BIRD WIRE PROTECTION
SCALE: 1 1/2" = 1'-0"



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



4 STONE VENEER CURB DETAIL- WING WALL @ VESTIBULE
SCALE: 1 1/2" = 1'-0"



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

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DRAWN BY: S. KINARD
CHECKED BY: E. CLAASSEN
DESIGN LEAD: EDWARD BARBOE, P.E.

Hazen

REGISTERED ARCHITECT
ERIC GOSHOW
STATE OF NEW YORK
012251

NYC Environmental Protection

ACCOUNTABLE MANAGER
JOSE NIEVES
PORTFOLIO MANAGER
MARK DELBALZO, P.E.

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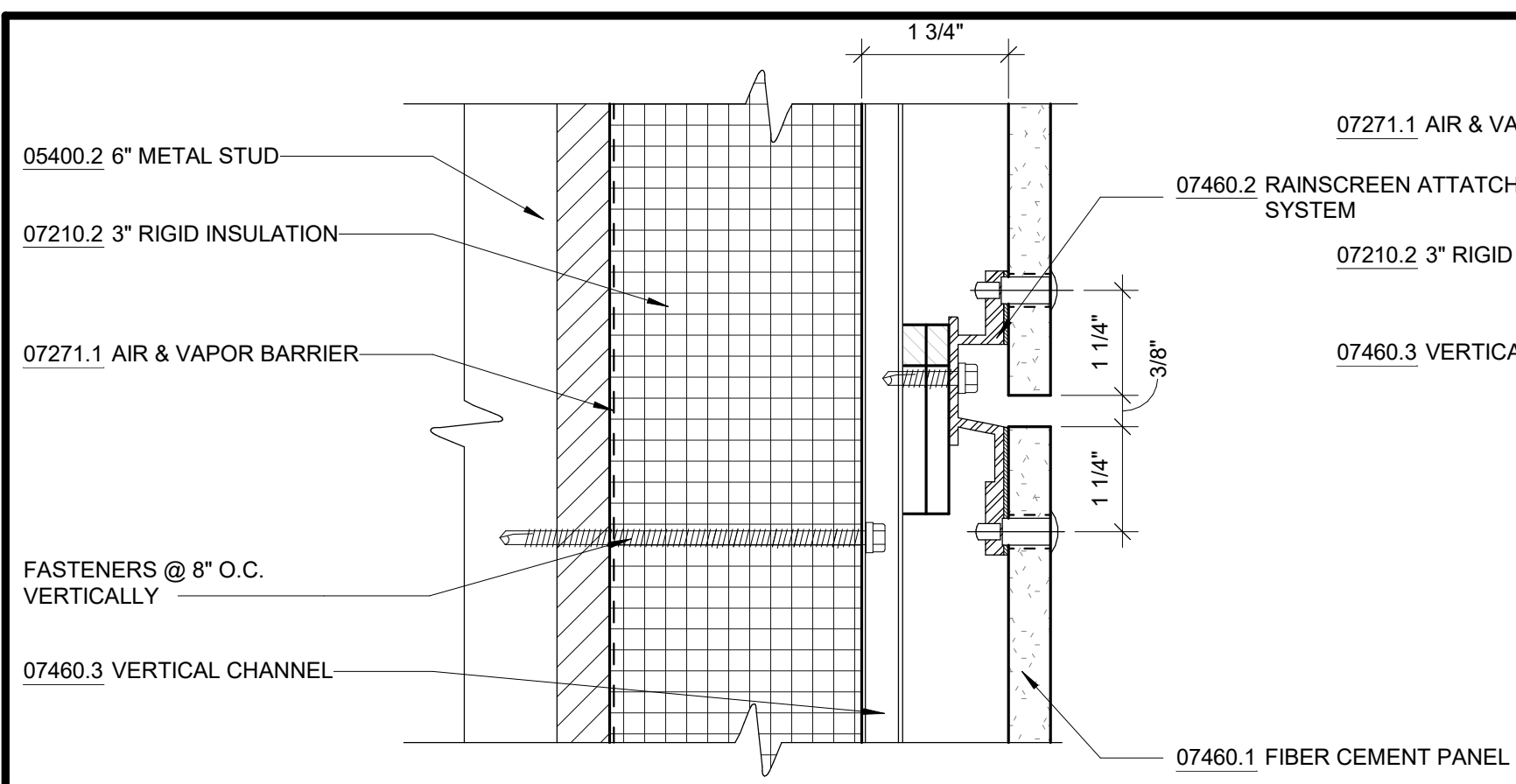
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WATERFOWL MANAGEMENT PROGRAM BUILDING AND PAVING MOUNT PLEASANT, NEW YORK ARCHITECTURAL SECTION DETAILS

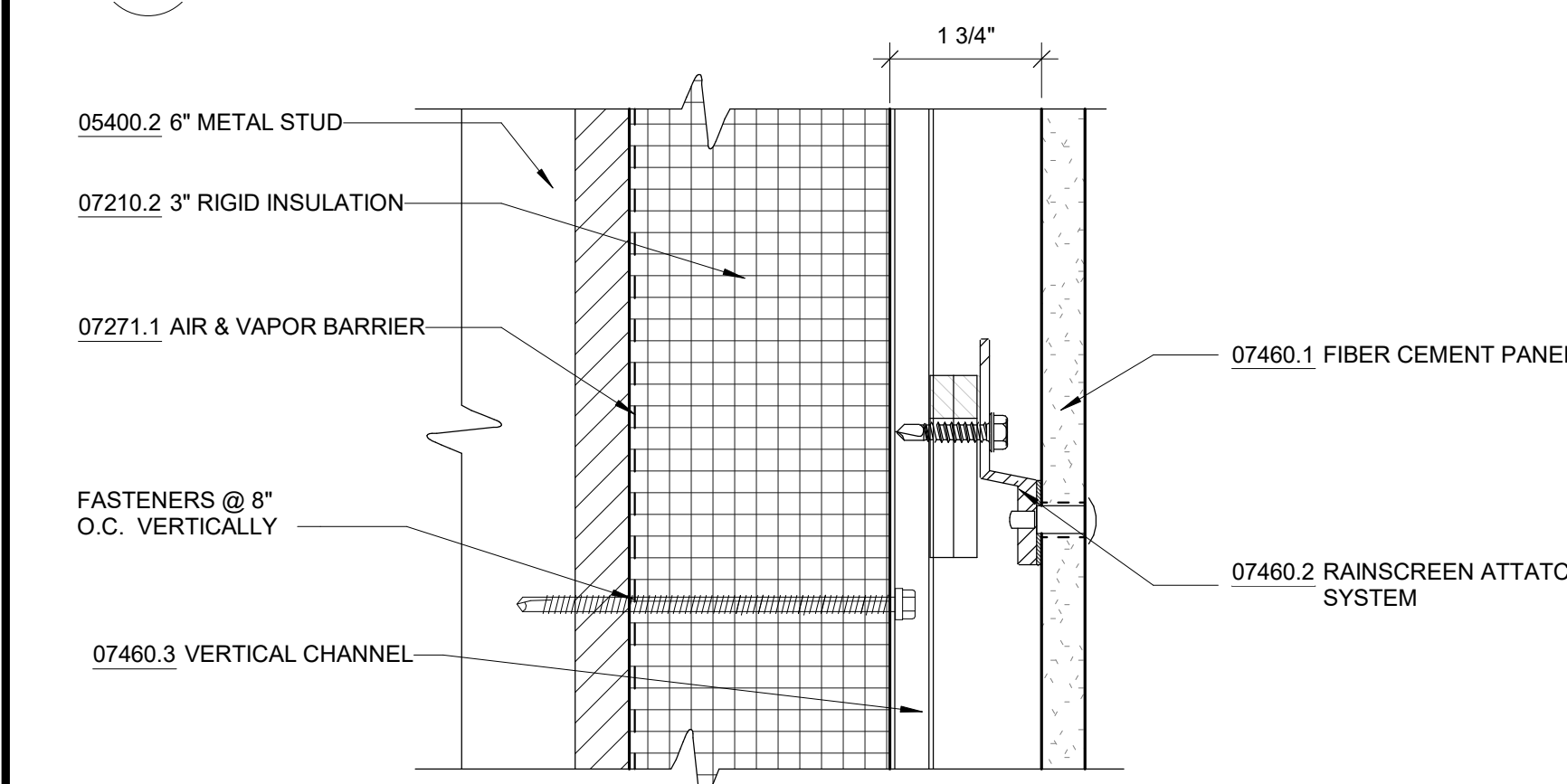
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SHEET NO: 56 OF No. 80
DRAWING NO. A1-306

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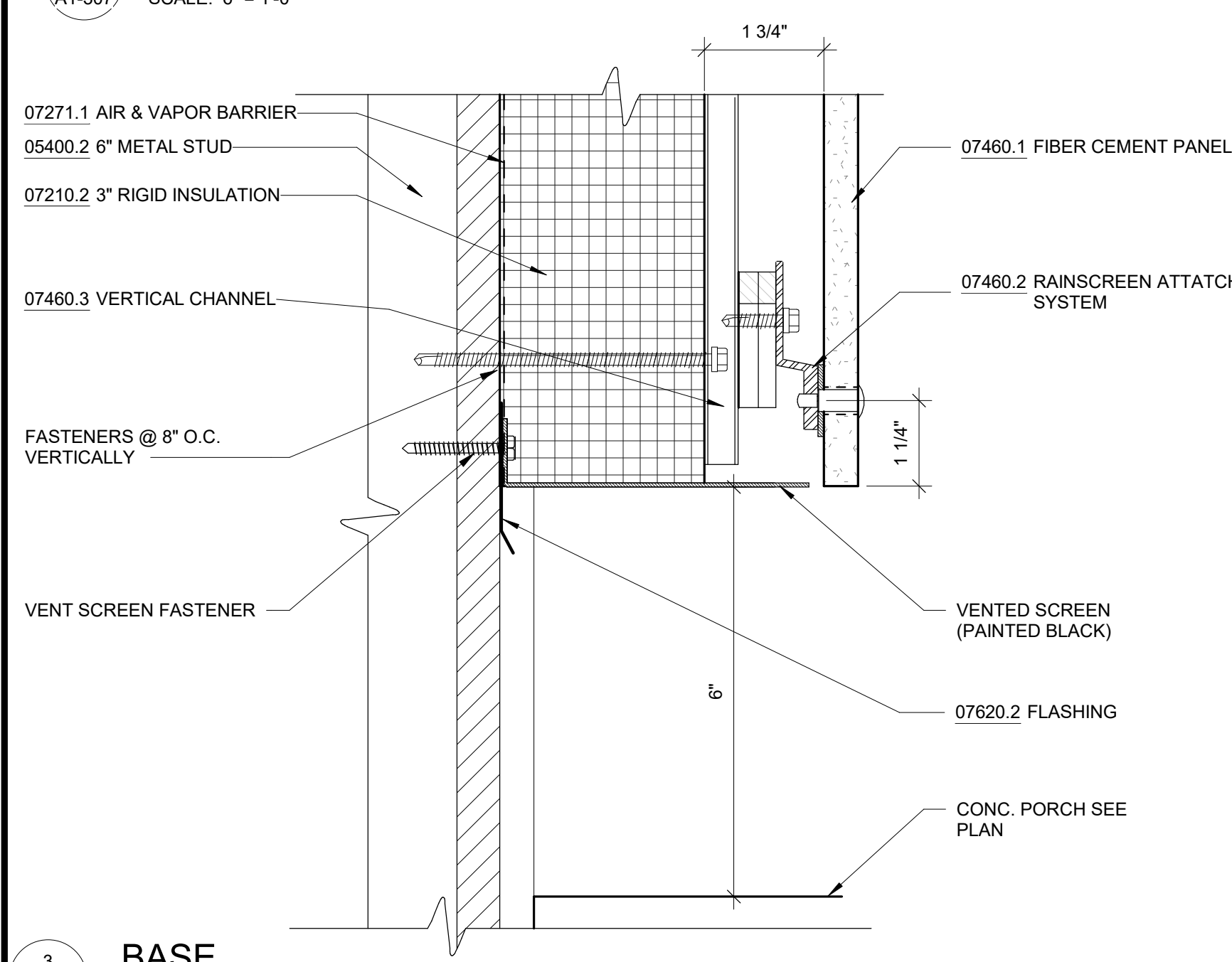
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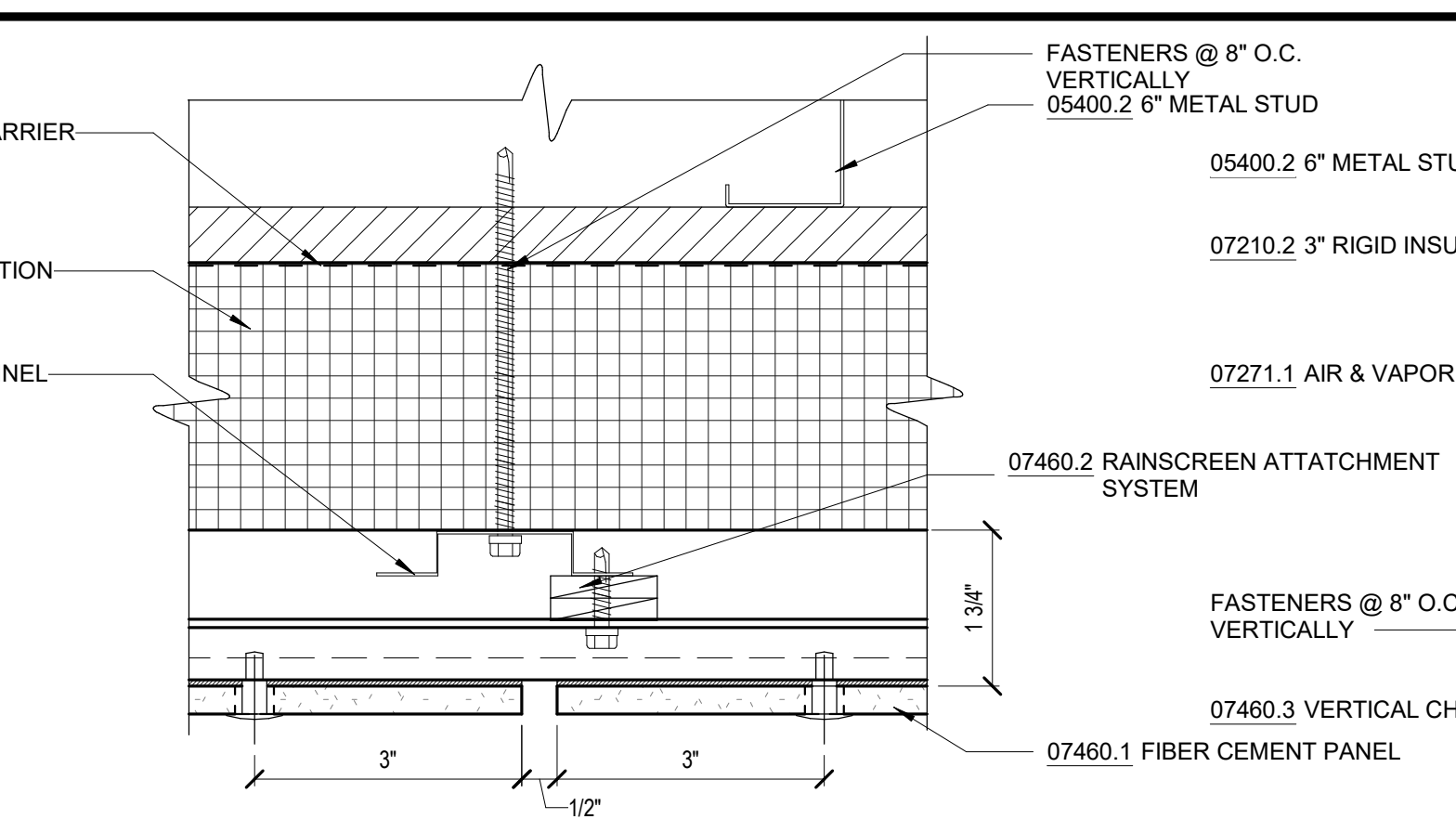
1 HORIZONTAL PANEL JOINT
SCALE: 6" = 1'-0"



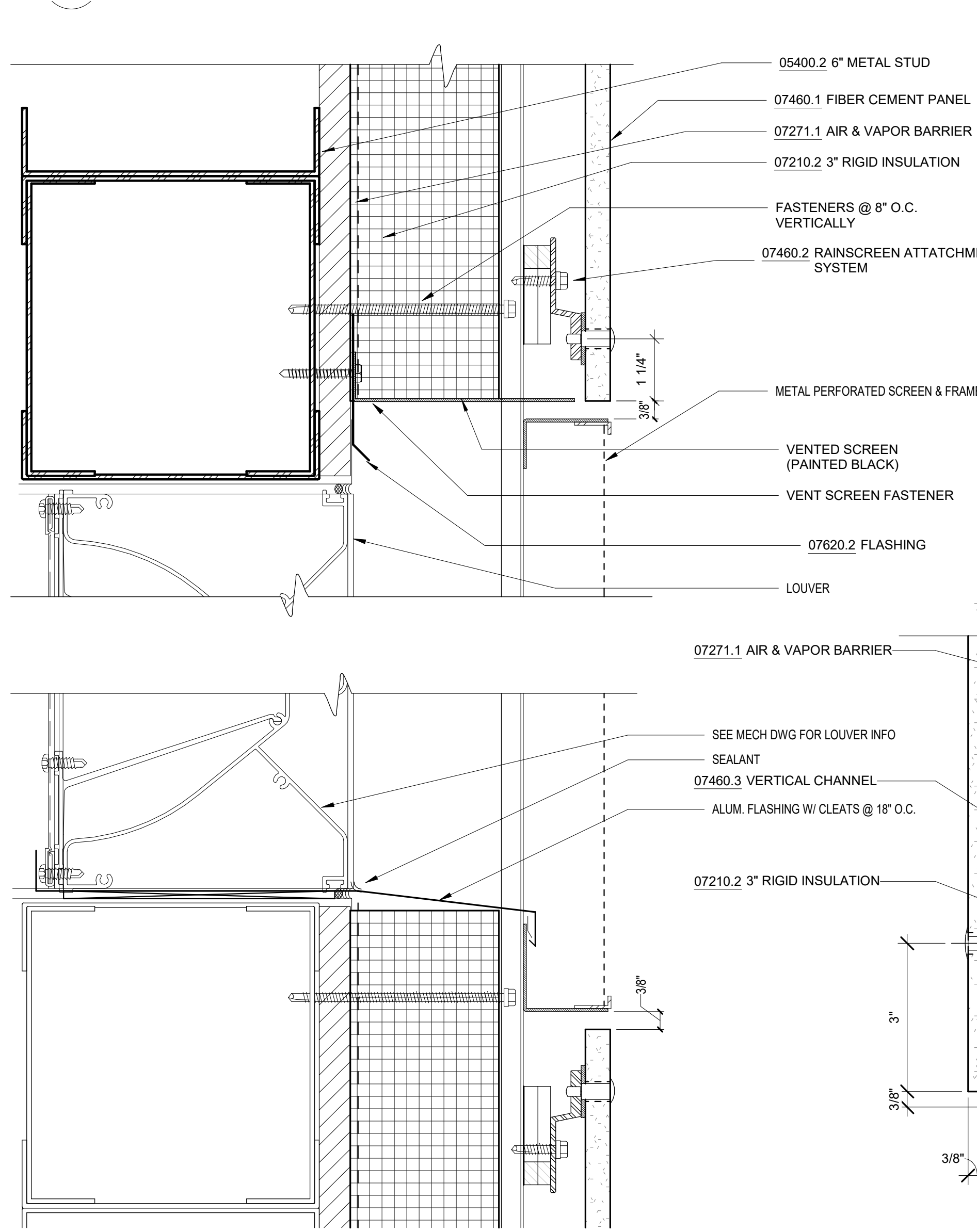
2 HORIZONTAL MID PANEL
SCALE: 6" = 1'-0"



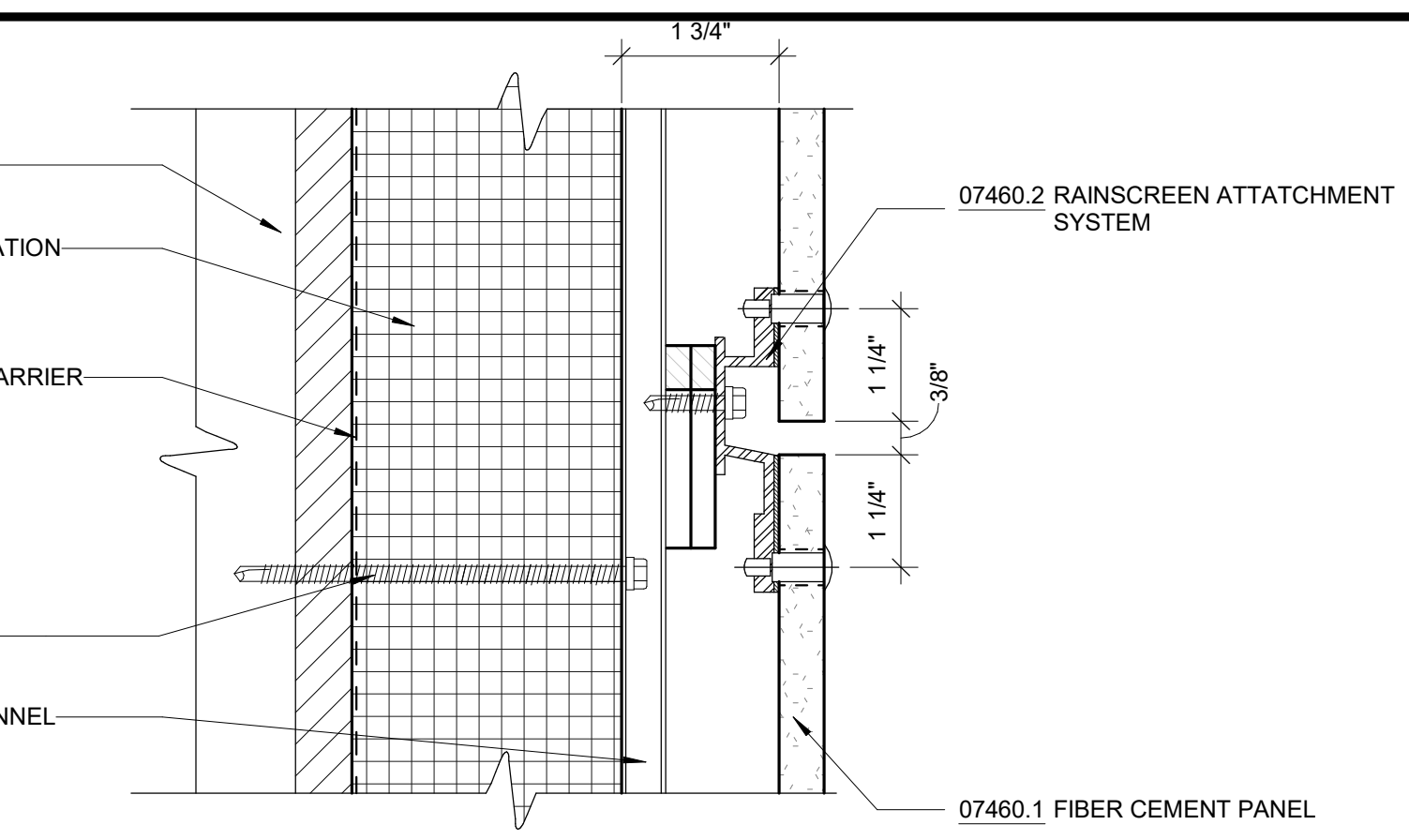
3 BASE
SCALE: 6" = 1'-0"



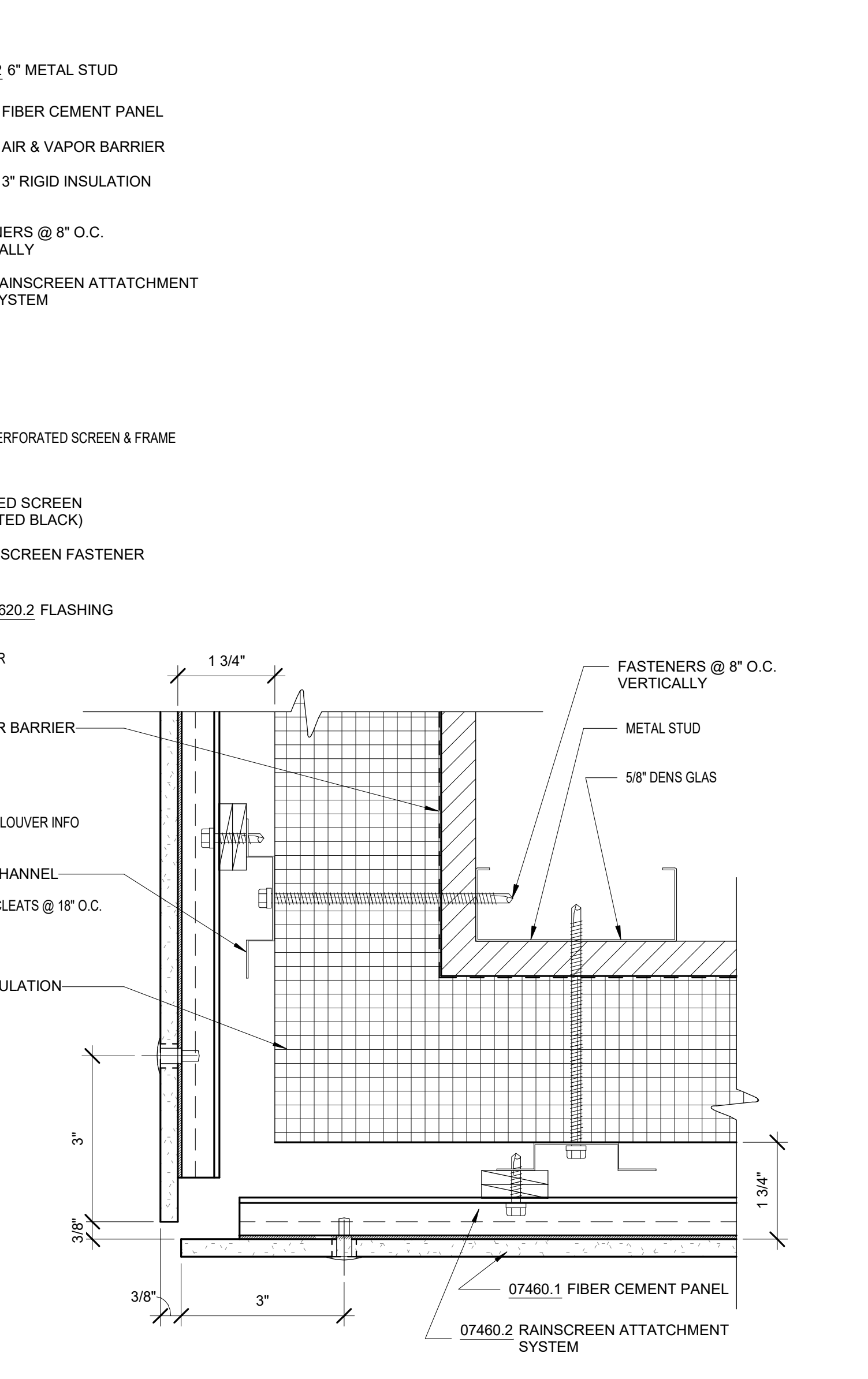
4 VERTICAL PANEL JOINT
SCALE: 6" = 1'-0"



6 SECTION DETAIL - METAL PERFORATED SCREEN
SCALE: 6" = 1'-0"



7 CEMENT PANEL TOP DETAIL
SCALE: 6" = 1'-0"



5 OUTSIDE CORNER PANELS
SCALE: 6" = 1'-0"

NOTES - DETAILS

DIVISION 4		
04051.1	GROUT SOLID	
04400.1	STONE VENEER	4" FULL VENEER LIMESTONE
04400.2	WEEP HOLE	PLASTIC RECTANGULAR WEEP HOLES
04400.3	MORTAR NET	
DIVISION 5		
05400.1	3-5/8" METAL STUD	3-5/8" METAL STUD, 16" O.C.
05400.2	6" METAL STUD	6" METAL STUD, 16" O.C.
05400.3	2-1/2" MTL STUD	2-1/2" METAL STUD, 16" O.C.
05400.4	8" METAL STUD	8" METAL STUD, 16" O.C.
DIVISION 6		
06160.1	<varies>	5/8" GLASS MAT SHEATHING, FASTENED TO METAL STUDS
06640.1	1/2" PVC PANEL	TONGUE AND GROOVE, RIB REINFORCED, 1/2" THICK PVC WALL PANEL
06640.2	PVC BASE TRIM	PVC TRIM PIECES BY WALL PANEL MANUFACTURER, COLOR TO MATCH WALL PANEL
DIVISION 7		
07111.1	DAMP-PROOFING	BITUMINOUS DAMPPROOFING, APPLIED TO CONCRETE FOUNDATION
07210.1	BATT INSULATION	RECYCLED GLASS FIBER INSULATION BATTS, R-13 MIN.
07210.2	3" RIGID INSULATION	3" RIGID XPS INSULATION, R-5 PER INCH MIN., MECHANICALLY FASTENED TO GLASS MAT SHEATHING
07221.1	6" RIGID INSULATION	6" RIGID XPS INSULATION, R-5 PER INCH MIN., MECHANICALLY FASTENED TO METAL ROOF DECK
07271.1	AIR & VAPOR BARRIER	ADHERED TO GLASS MAT SHEATHING
07460.1	FIBER CEMENT PANEL	5/16" (8MM) THROUGH COLOR FIBER CEMENT WALL PANEL
07460.2	RAINSCREEN ATTACHMENT SYSTEM	THERMALLY ISOLATED EXPOSED FASTENER RAINSCREEN ATTACHMENT SYSTEM
07460.3	VERTICAL CHANNEL	1/2" VERTICAL HAT CHANNEL @ 16" O.C.
07611.1	STANDING SEAM ROOF	22 GA. MIN. GALVALUME MECHANICALLY SEALED DOUBLE LOCK ROOF
07611.2	SNOW GUARD	MECHANICALLY ATTACHED ALUMINUM SNOW GUARDS, COLOR TO MATCH ROOFING
07620.1	FLASHING	COPPER THRU-WALL FLASHING
07620.2	FLASHING	
07620.3	FLASHING	
07900.1	SEALANT	
07900.2	CAULK	
07900.3	BACKER ROD	
DIVISION 8		
08110.1	H.M. DOOR AND FRAME	EXTERIOR GALVANIZED STEEL DOOR AND FRAME, PAINTED TO MATCH FIBER CEMENT PANEL COLOR
08800.1	GLAZING	1" INSULATED GLASS UNIT WITH BIRD PROTECTION UV STRIPE COATING
08911.1	7-1/2" ALUM. CURTAIN WALL	7-1/2" ALUMINUM FRONT-GLAZED CURTAIN WALL, CLEAR ANODIZED FINISH
08911.2	6" ALUM. CURTAIN WALL	6" ALUMINUM FRONT-GLAZED CURTAIN WALL, CLEAR ANODIZED FINISH
08911.3	BRAKE METAL	FINISH TO MATCH CURTAIN WALL
DIVISION 9		
09206.1	METAL FURRING	
09206.2	METAL FURRING CHANNEL CLIP	
09206.3	1 1/2" STEEL RUNNING CHANNEL	
09206.4	GAT CLIP	4B1.5L CAT. #16.59 SM (OR OTHER APPROVED MEANS)
09206.5	MAIN TEE	24" OC MAX. SHAPE AND DESIGN AS APPROVED (THE RECESSED FIXTURE MAY BE SUPPORTED BY THE MAIN TEES SPACED 2'-0" OR 4'-0" OC)
09206.6	DIRECT HANG CLIP	
09206.7	HAT CHANNEL	7/8" METAL HAT CHANNEL
09250.1	5/8" GYP. BD.	5/8" GYPSUM BOARD, ABUSE RESISTANT
09250.2	TRIM	J TRIM WITH SEALANT BEAD
09250.5	STEEL ROD	1/4" DIA. GALVANIZED STEEL ROD, SPACING NOT TO EXCEED 4'-0" OC
09511.1	LINEAR METAL CEILING	LINEAR METAL CEILING, 6" PLANKS, ATTACHED TO PURLINS
09511.2	LINEAR METAL PLANK	LINEAR METAL CEILING, 6" PLANKS, ATTACHED TO PURLINS
09511.3	CARRIER	LINEAR METAL CEILING MANUFACTURER'S STANDARD CEILING ATTACHMENT, ATTACHED TO PURLINS
09511.4	HANGER WIRE	12 GA HANGER WIRE, 48" O.C. MAX
09511.5	CROSS TEE	1 1/2" HIGH, 2'-0" OC
09511.6	CARRIER SPLICE	CARRIER SPLICE WITH FIELD-FLATTENED LANCE, TYPICAL

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ACCOUNTABLE MANAGER
JOSE NIEVES
PORTFOLIO MANAGER
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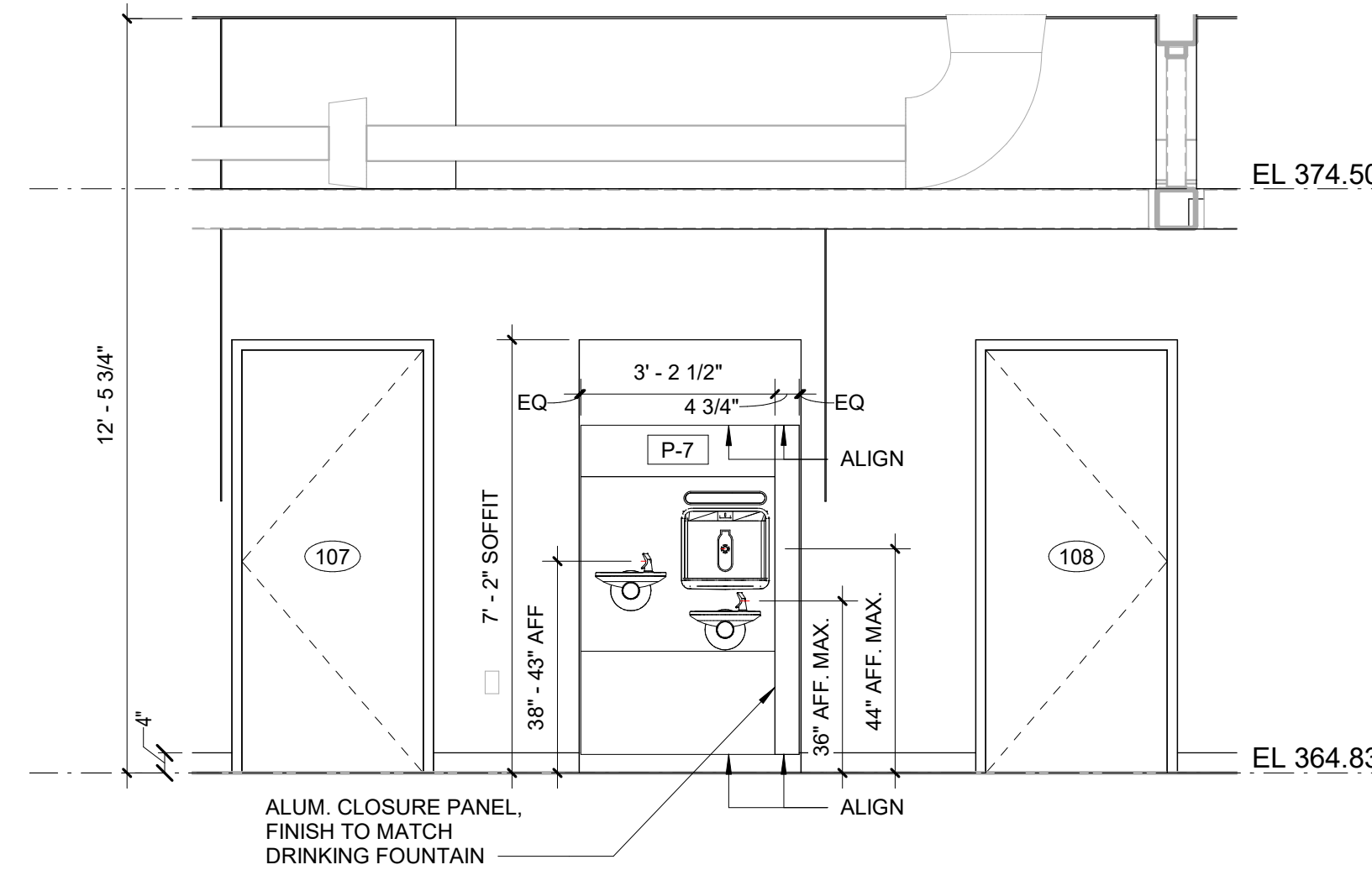
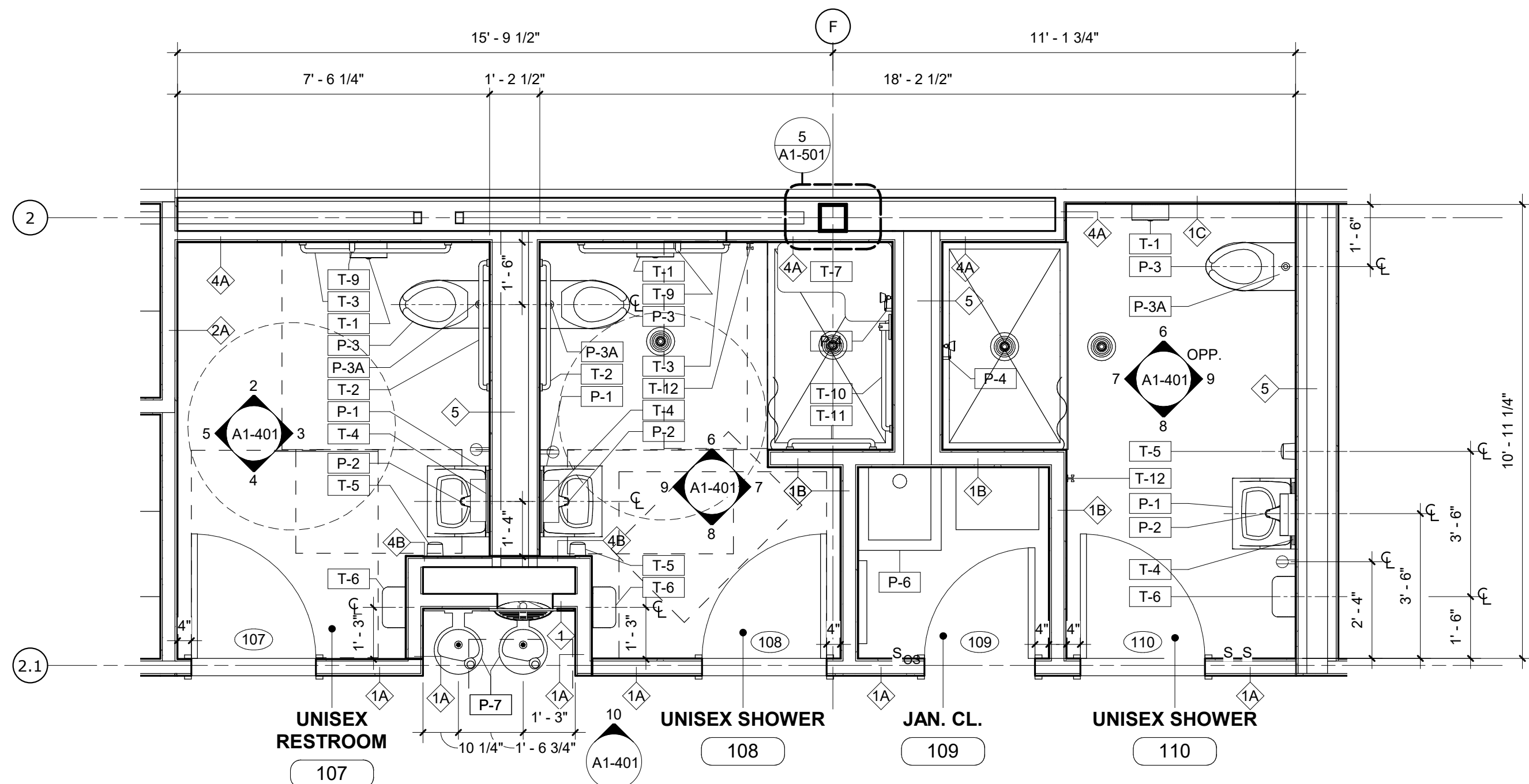
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WATERFOWL MANAGEMENT PROGRAM BUILDING AND PAVING MOUNT PLEASANT, NEW YORK ARCHITECTURAL FIBER CEMENT PANEL DETAILS	DATE: JANUARY 2023 SCALE: SHEET NO: 57 OF No. 80 DRAWING NO. A1-307

Autodesk Docs/09290_02A_CAT-423 WFO-02A Waterfowl Mgmt Program/09290_02A_A_WFB.rvt 12/19/2022 3:48:38 PM

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1 ENLARGED PLAN - TOILET AND SHOWER ROOMS
SCALE: 3/8" = 1'-0"

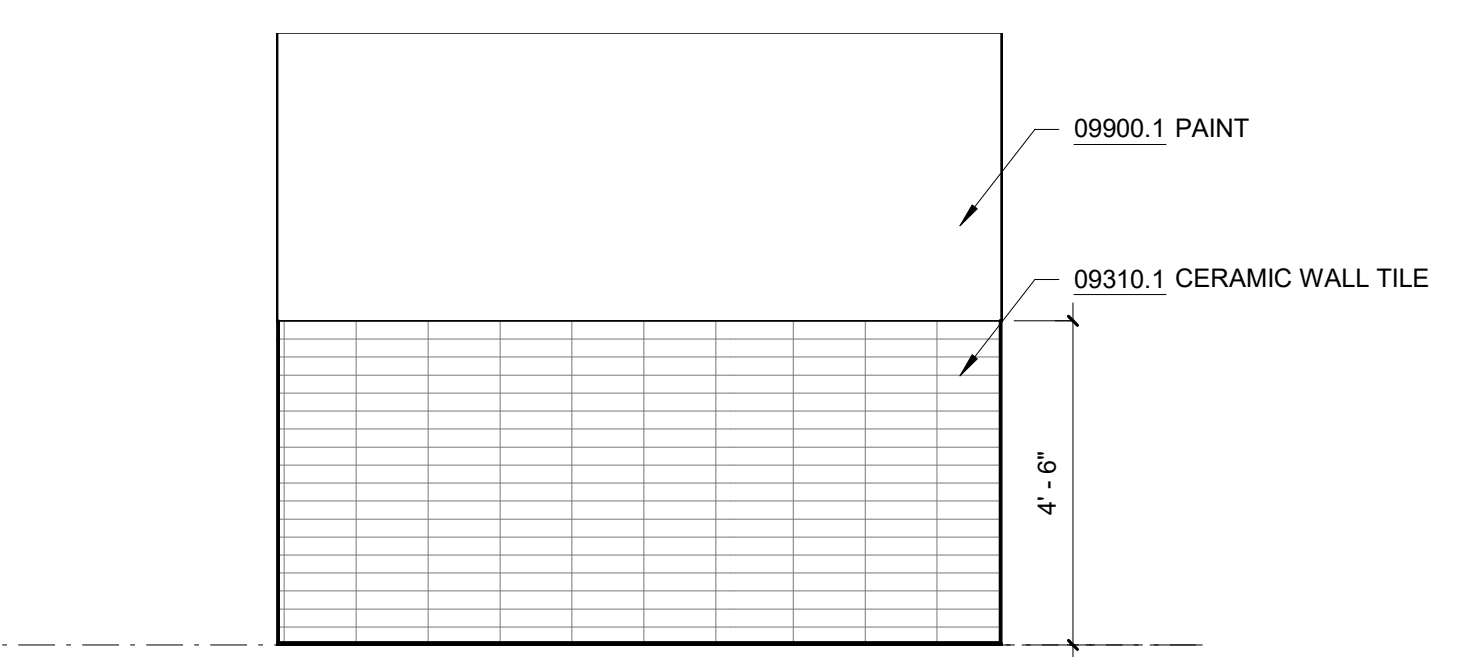
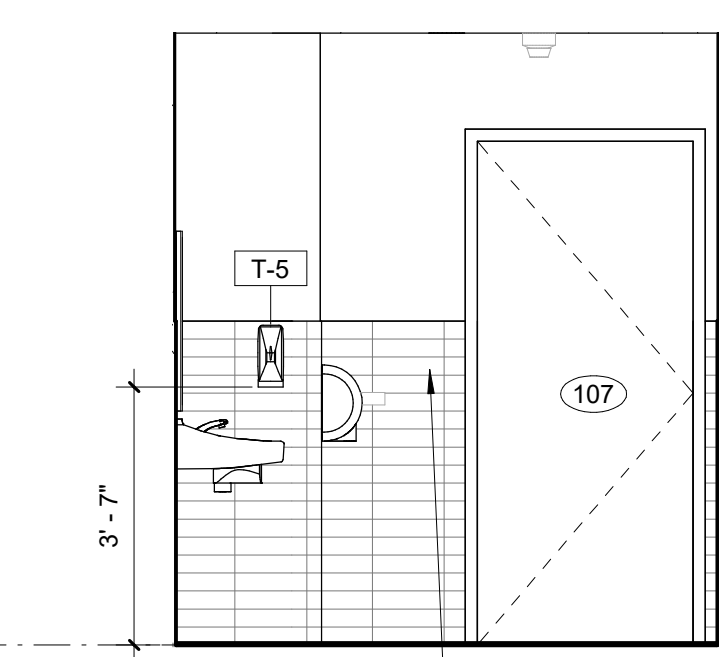
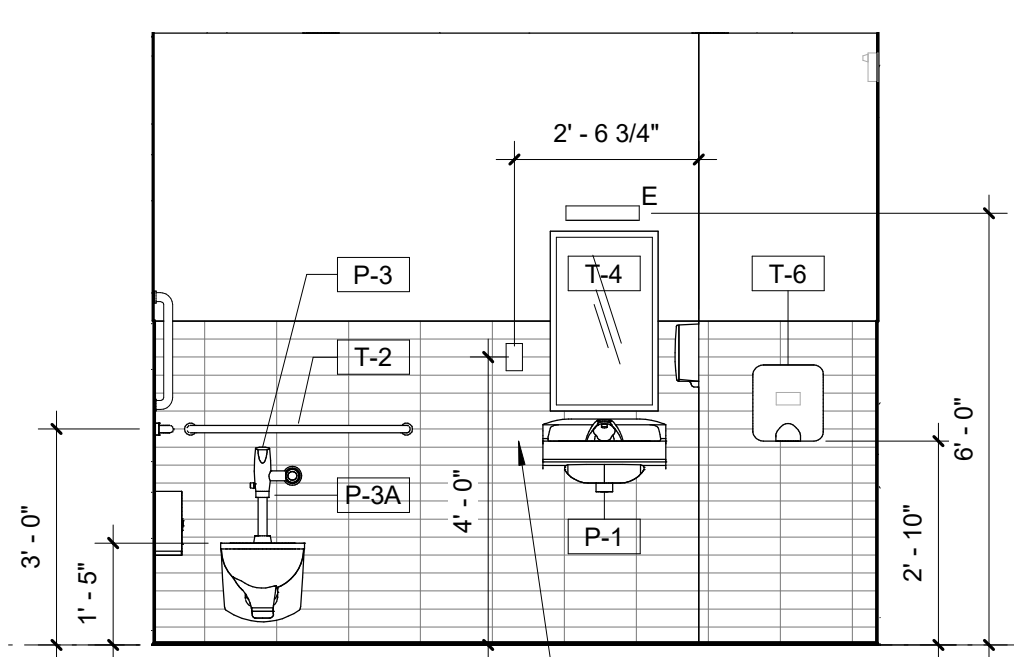
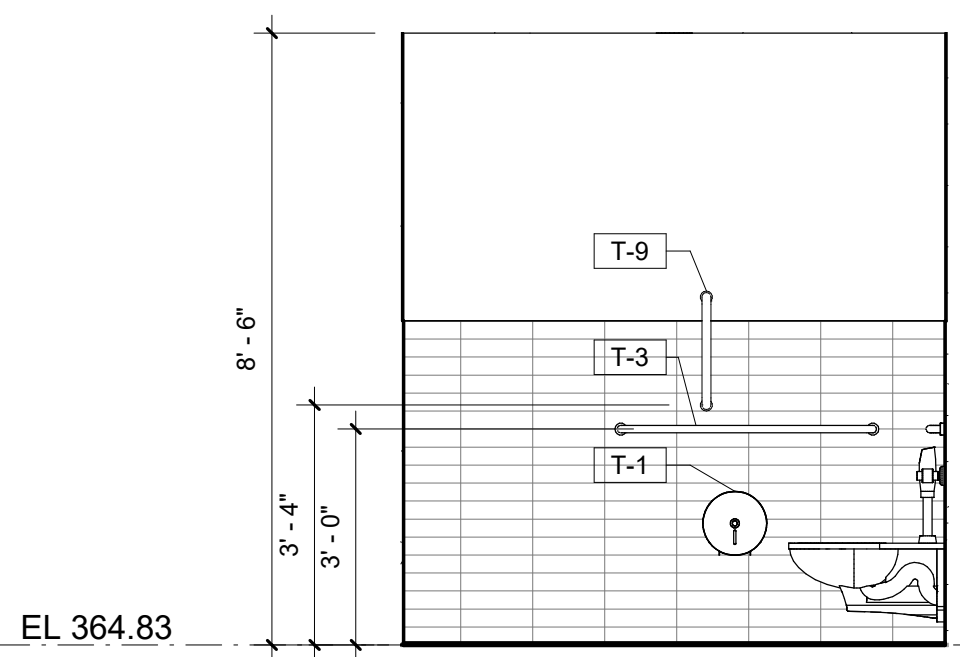
10 CORRIDOR WEST ELEV - PARTIAL
SCALE: 3/8" = 1'-0"

TOILET ACCESSORIES SCHEDULE	
TYPE MARK	DESCRIPTION
T-1	TOILET PAPER DISPENSER
T-2	GRAB BAR - 36"
T-3	GRAB BAR - 42"
T-4	MIRROR
T-5	SOAP DISPENSER
T-6	HAND DRYER
T-7	ADA SHOWER SEAT
T-8	SHOWER CURTAIN
T-9	SHOWER GRAB BAR VERTICAL - 18"
T-10	SHOWER GRAB BAR - 30"
T-11	SHOWER GRAB BAR - 24"
T-12	ROBE HOOK
T-13	SHOWER CURTAIN ROD

PLUMBING FIXTURE SCHEDULE	
TYPE MARK	DESCRIPTION
P-1	SINK WALL MOUNTED
P-2	FAUCET
P-3	WATER CLOSET WALL MOUNTED
P-3A	FLUSH VALVE
P-4	HAND SHOWER
P-4A	SHOWER VALVE
P-6	MOP SINK
P-7	BI-LEVEL DRINKING FOUNTAIN W/ INTEGRAL BOTTLE FILLER

NOTES - TOILET ROOM

- DIVISION 9
- 09310.1 CERAMIC WALL TILE COLOR TO MATCH ARCHITECT'S SAMPLE
- 09310.2 CERAMIC WALL TILE ACCENT TILE
- 09900.1 PAINT COLOR TO MATCH ARCHITECT'S SAMPLE

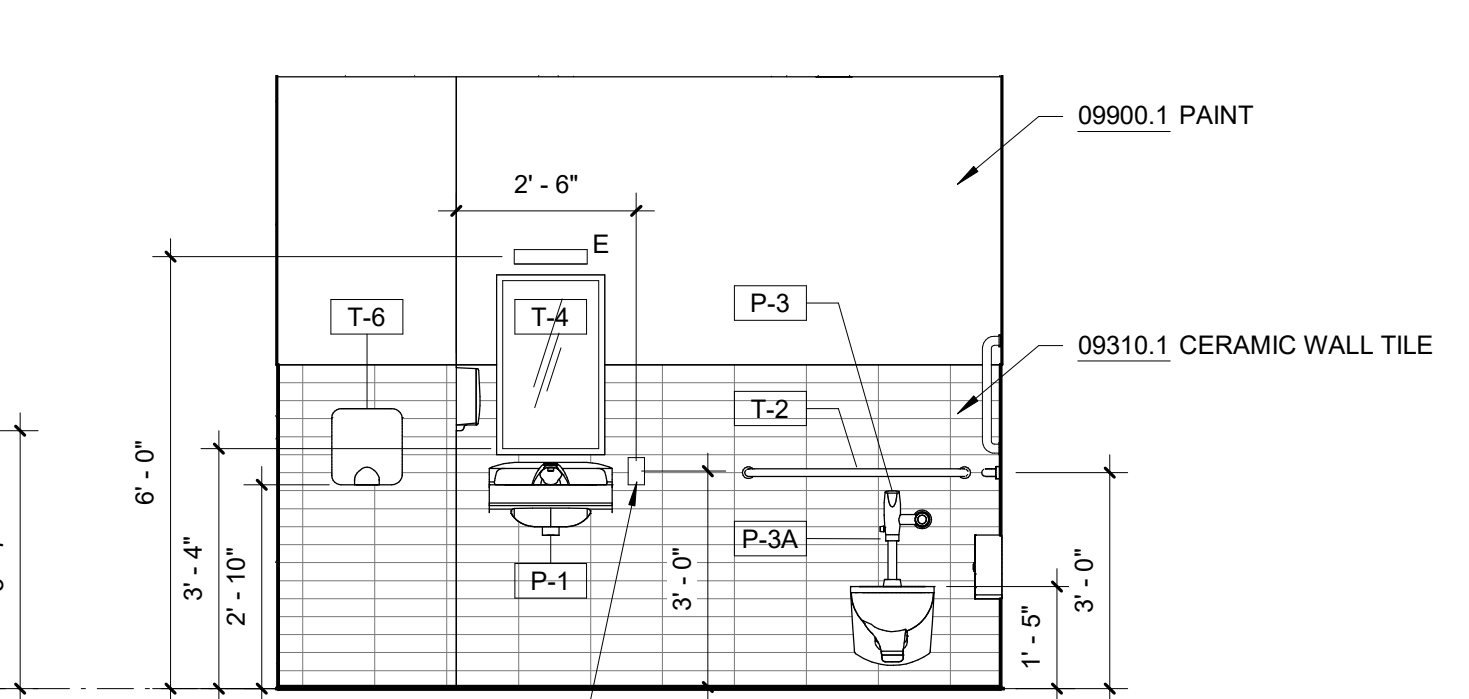
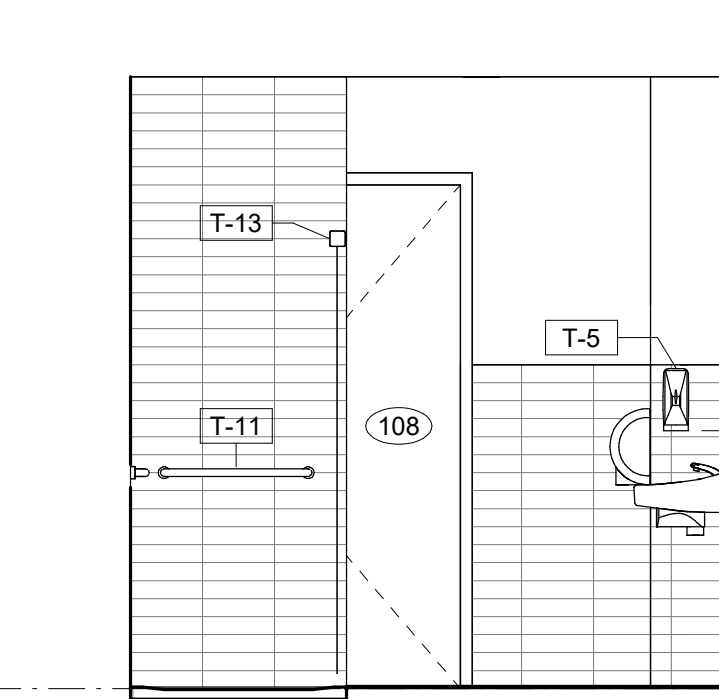
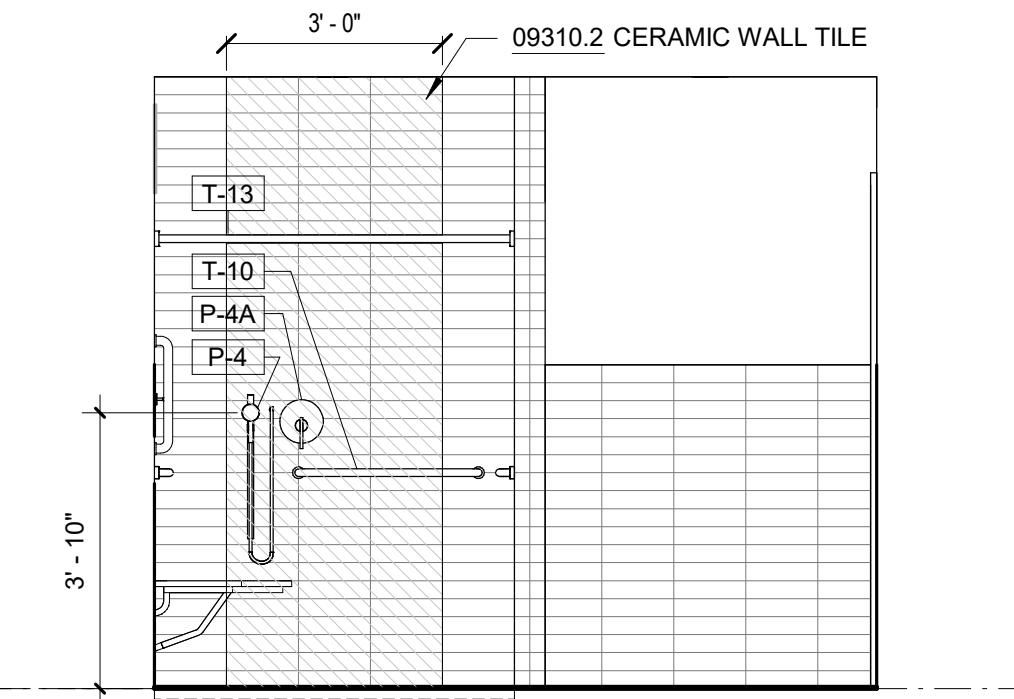
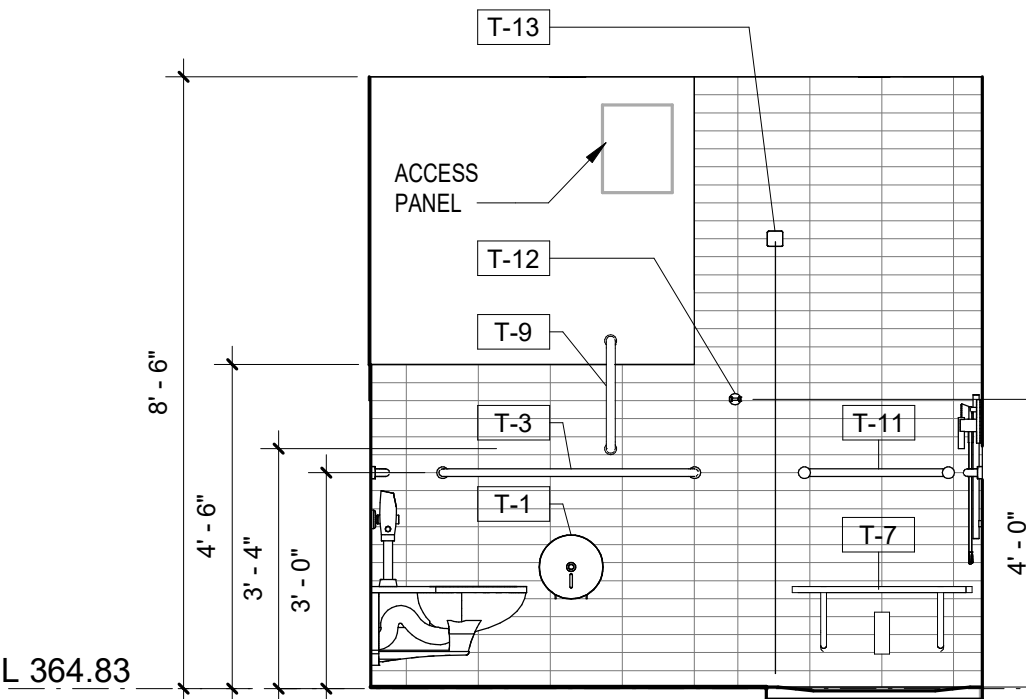


2 UNISEX RESTRM WEST ELEV
SCALE: 3/8" = 1'-0"

3 UNISEX RESTRM NORTH ELEV
SCALE: 3/8" = 1'-0"

4 UNISEX RESTRM EAST ELEV
SCALE: 3/8" = 1'-0"

5 UNISEX RESTRM SOUTH ELEV
SCALE: 3/8" = 1'-0"



6 UNISEX SHOWER WEST ELEV
SCALE: 3/8" = 1'-0"

7 UNISEX SHOWER NORTH ELEV
SCALE: 3/8" = 1'-0"

8 UNISEX SHOWER EAST ELEV
SCALE: 3/8" = 1'-0"

9 UNISEX SHOWER SOUTH ELEV
SCALE: 3/8" = 1'-0"

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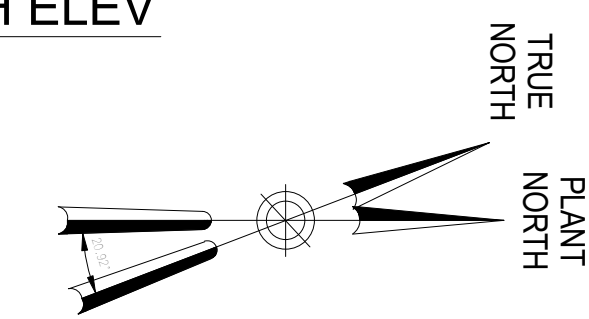
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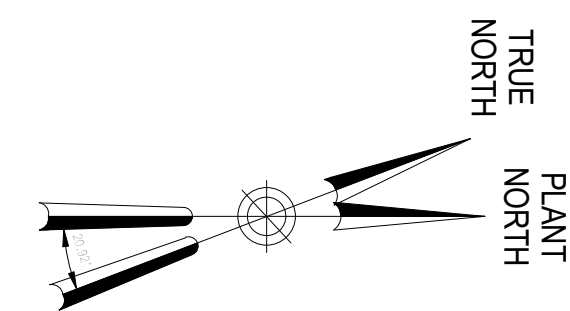
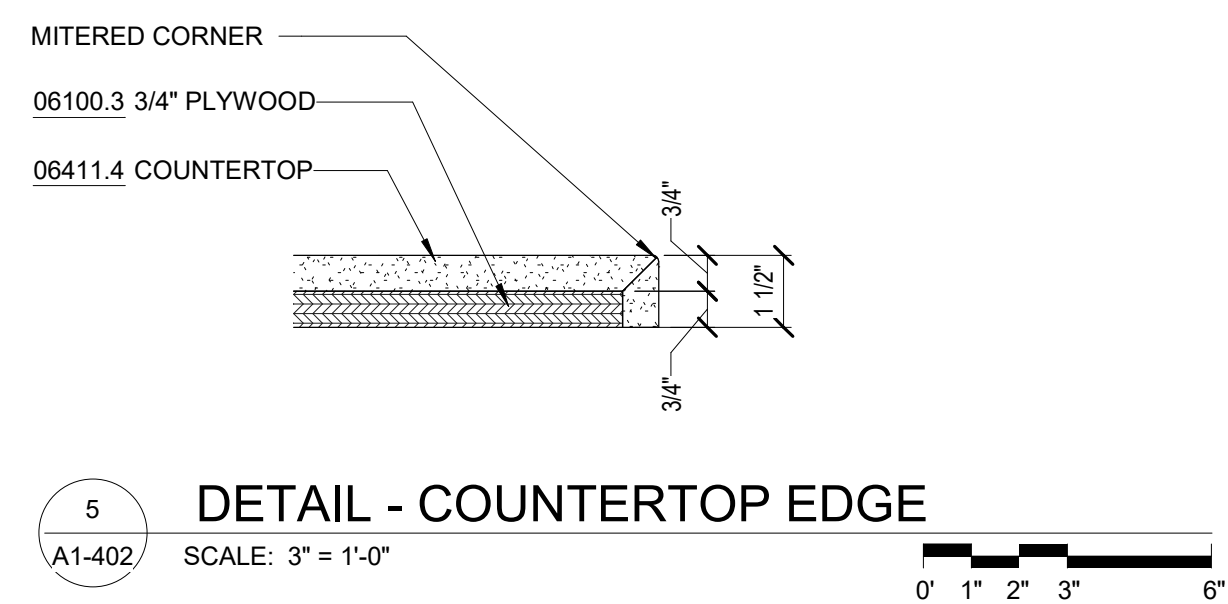
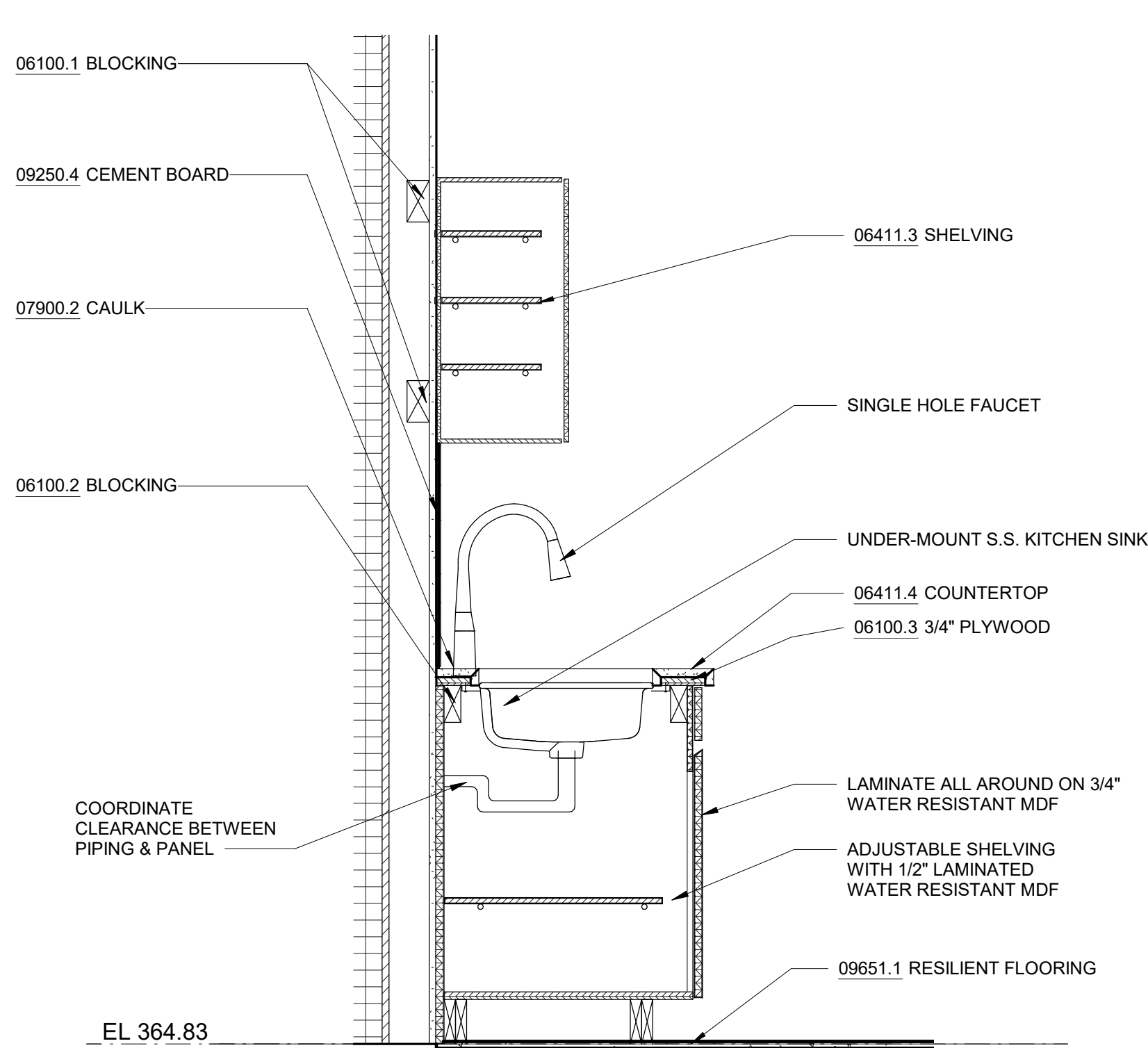
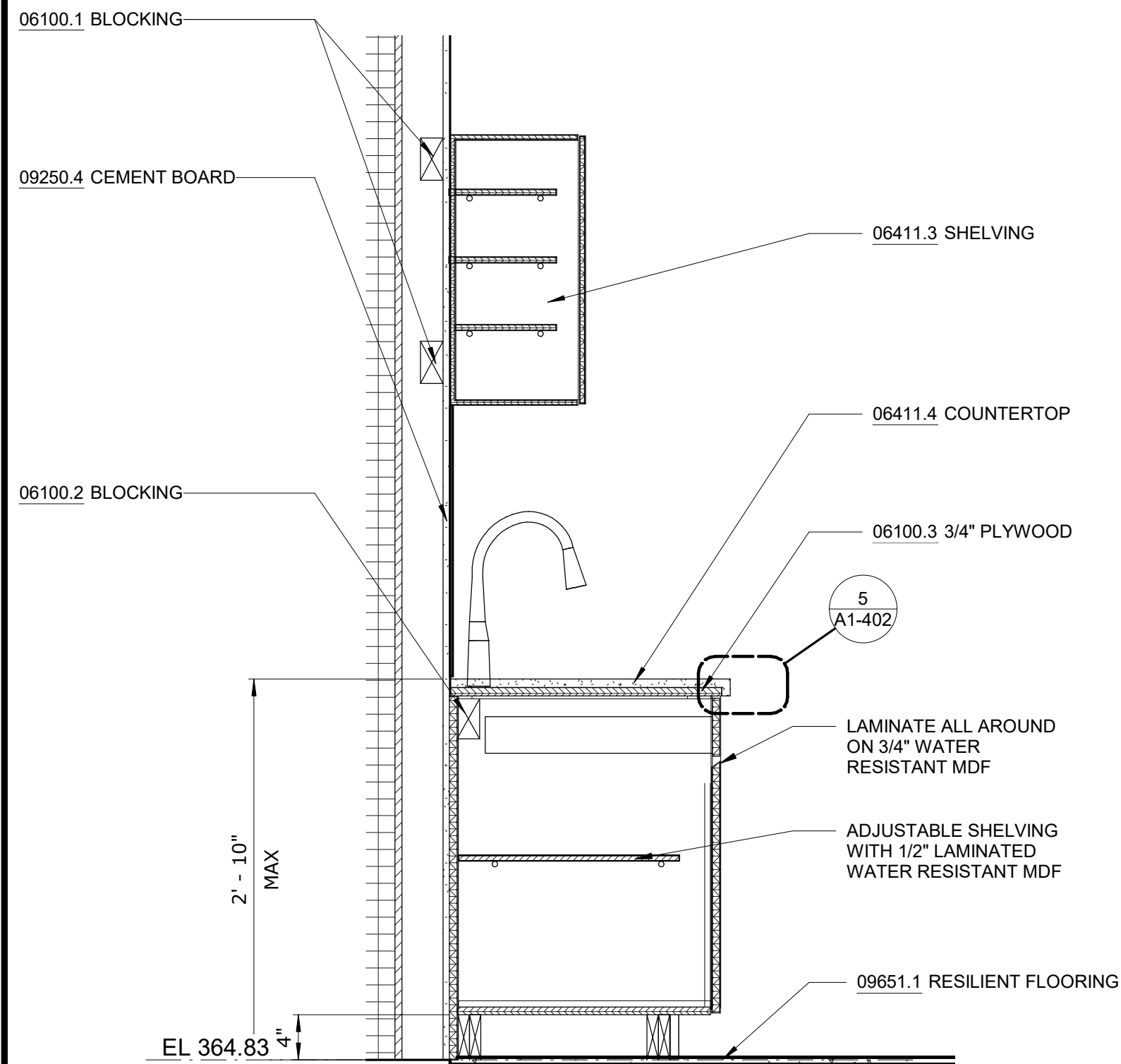
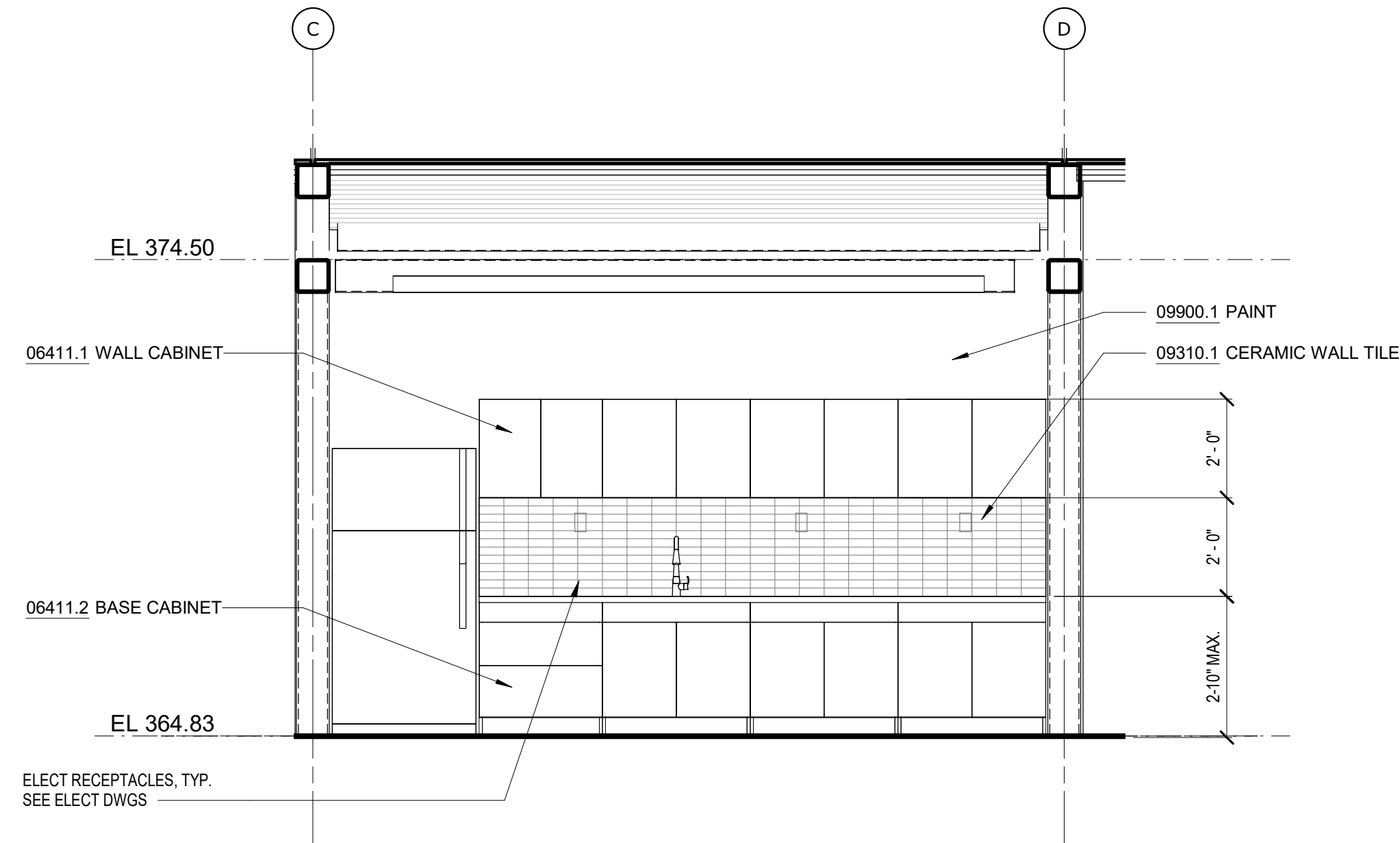
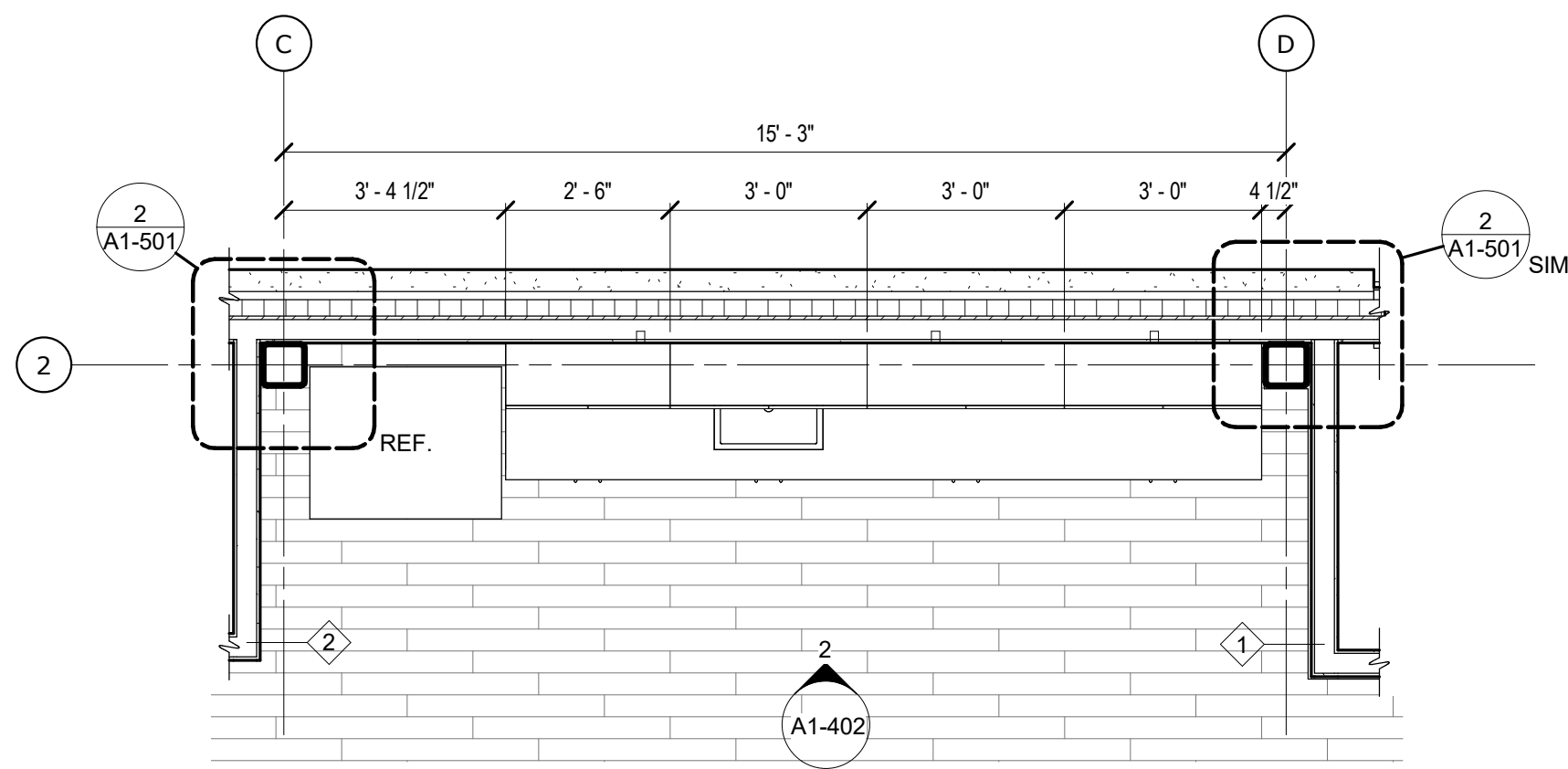
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	SCALE: SHEET NO: 58 OF No. 80
	DRAWING NO. A1-401

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NOTES - KITCHEN

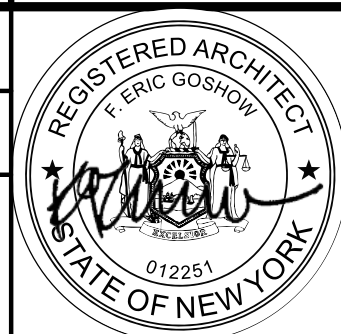
DIVISION 6		
06100.1	BLOCKING	PROVIDE CONTINUOUS WOOD BLOCKING
06100.2	BLOCKING	CONTINUOUS WALL CLEAT ANCHORED TO WALL
06100.3	3/4" PLYWOOD	3/4" MARINE GRADE PLYWOOD, TYP.
06411.1	WALL CABINET	SOLID WOOD WALL CABINET, LAMINATE FINISH
06411.2	BASE CABINET	SOLID WOOD BASE CABINET, LAMINATE FINISH
06411.3	SHELVING	ADJUSTABLE SHELVING WITH 1/2" LAMINATED MARINE GRADE PLYWOOD
06411.4	COUNTERTOP	3/4" ENGINEERED STONE COUNTERTOP
DIVISION 7		
07900.2	CAULK	CAULK JOINT AT WALL BETWEEN WALL AND COUNTER W/ CLEAR SEALANT
DIVISION 9		
09250.4	CEMENT BOARD	5/8" CEMENT BACKER BOARD
09310.1	CERAMIC WALL TILE	COLOR TO MATCH ARCHITECT'S SAMPLE
09651.1	RESILIENT FLOORING	LUXURY VINYL TILE (LVT)
09900.1	PAINT	COLOR TO MATCH ARCHITECT'S SAMPLE



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ARCHITECTURAL ENLARGED KITCHEN PLAN, ELEVATION, AND DETAILS	
DATE: JANUARY 2023	SCALE:
SHEET NO:	59 OF No. 80
DRAWING NO.	A1-402

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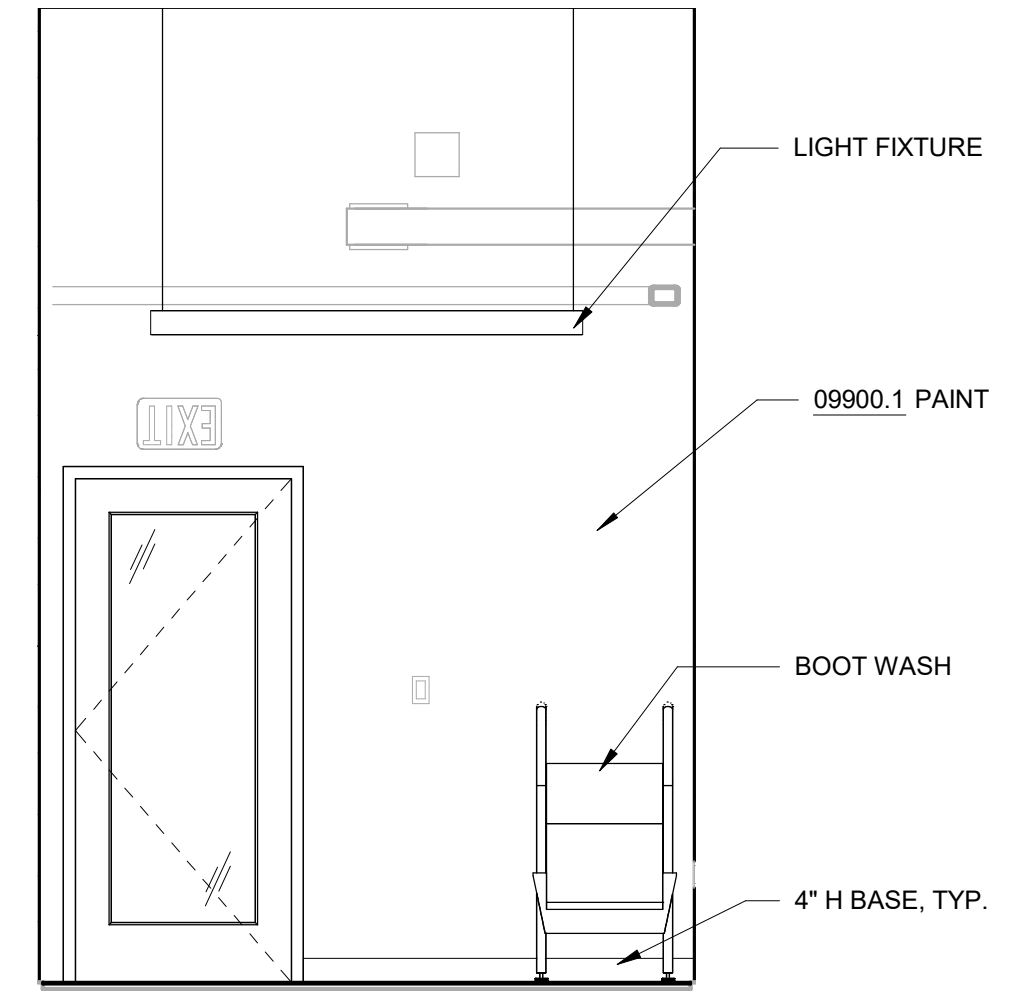
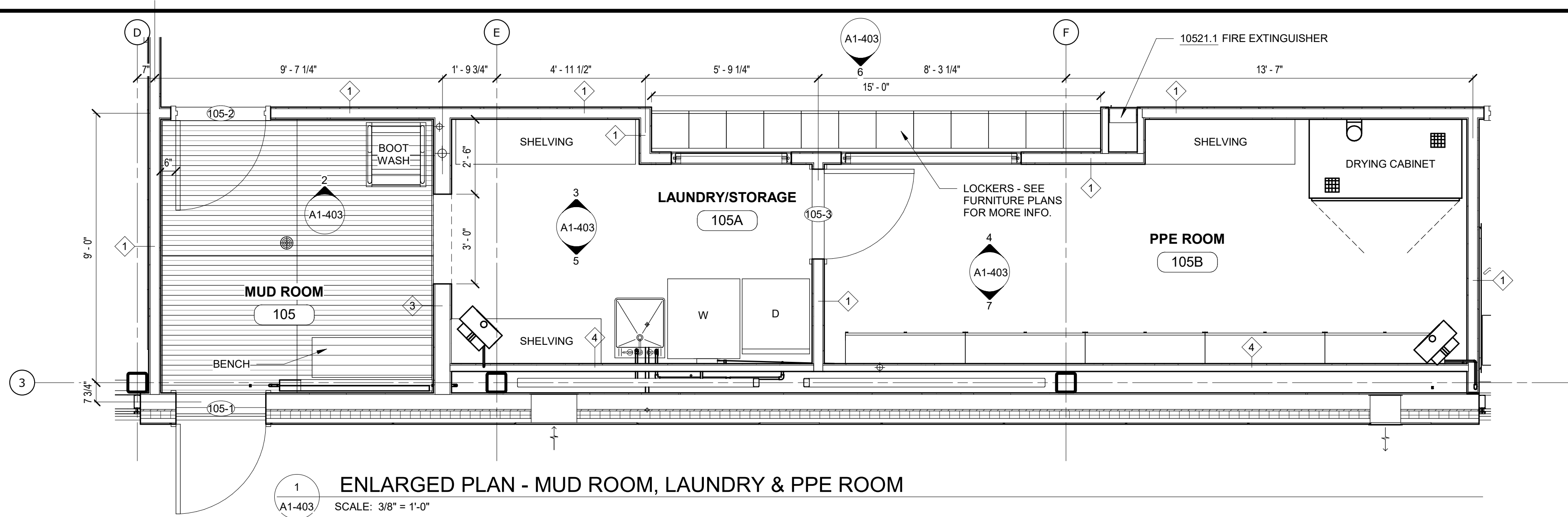
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J. HYUN
DRAWN BY:
S. KINARD
CHECKED BY:
E. CLAASSEN
DESIGN LEAD:
EDWARD BARBOE, P.E.



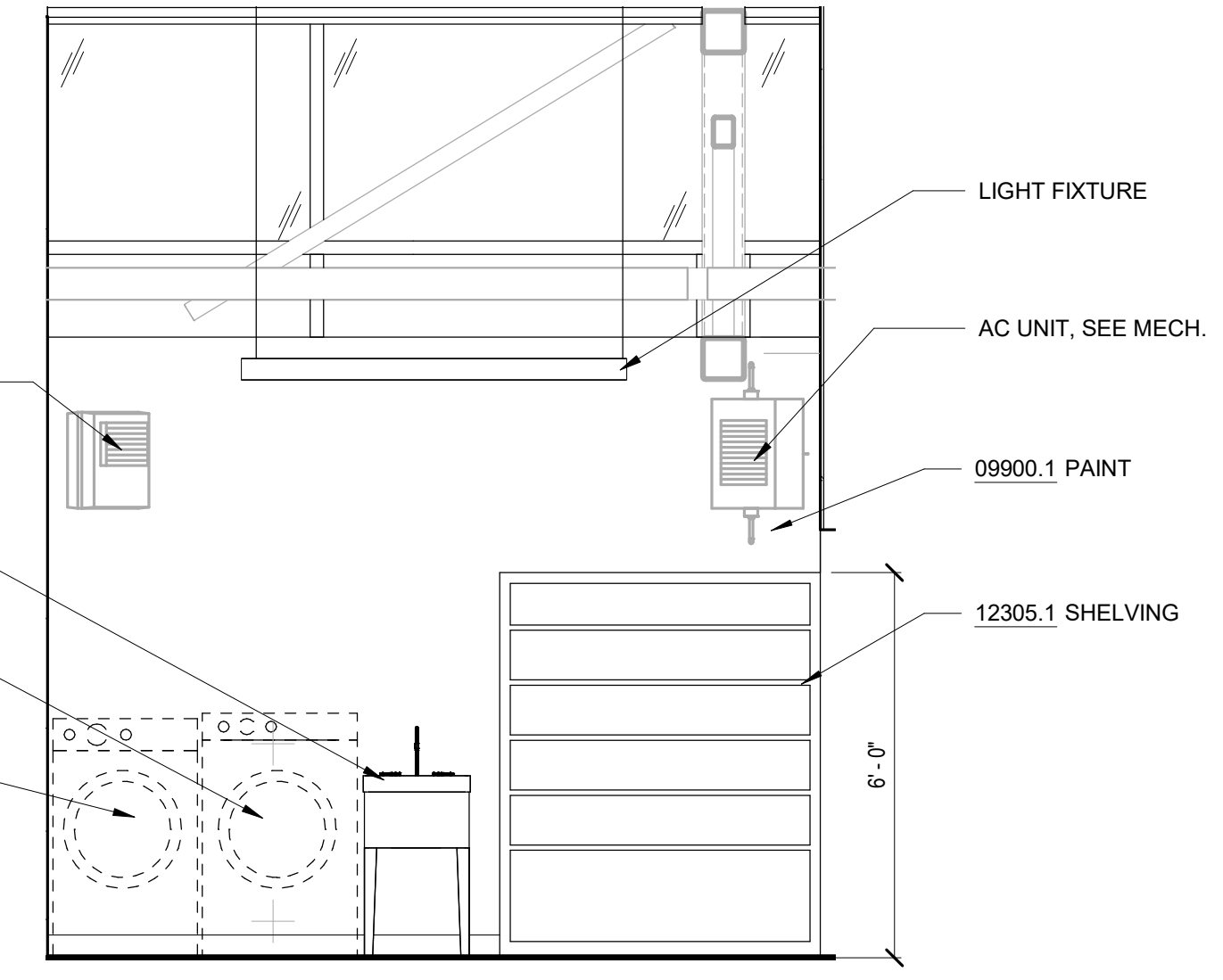
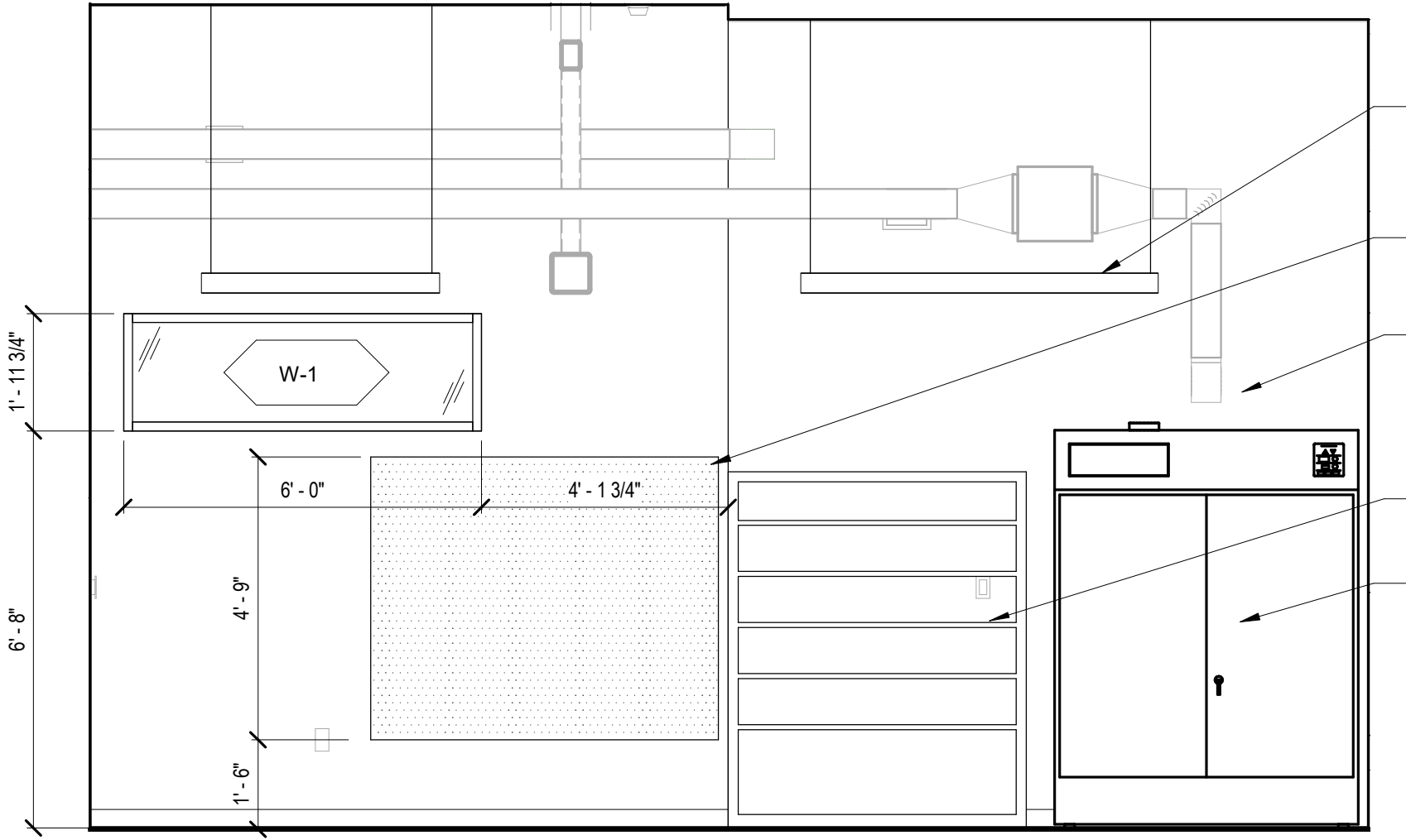
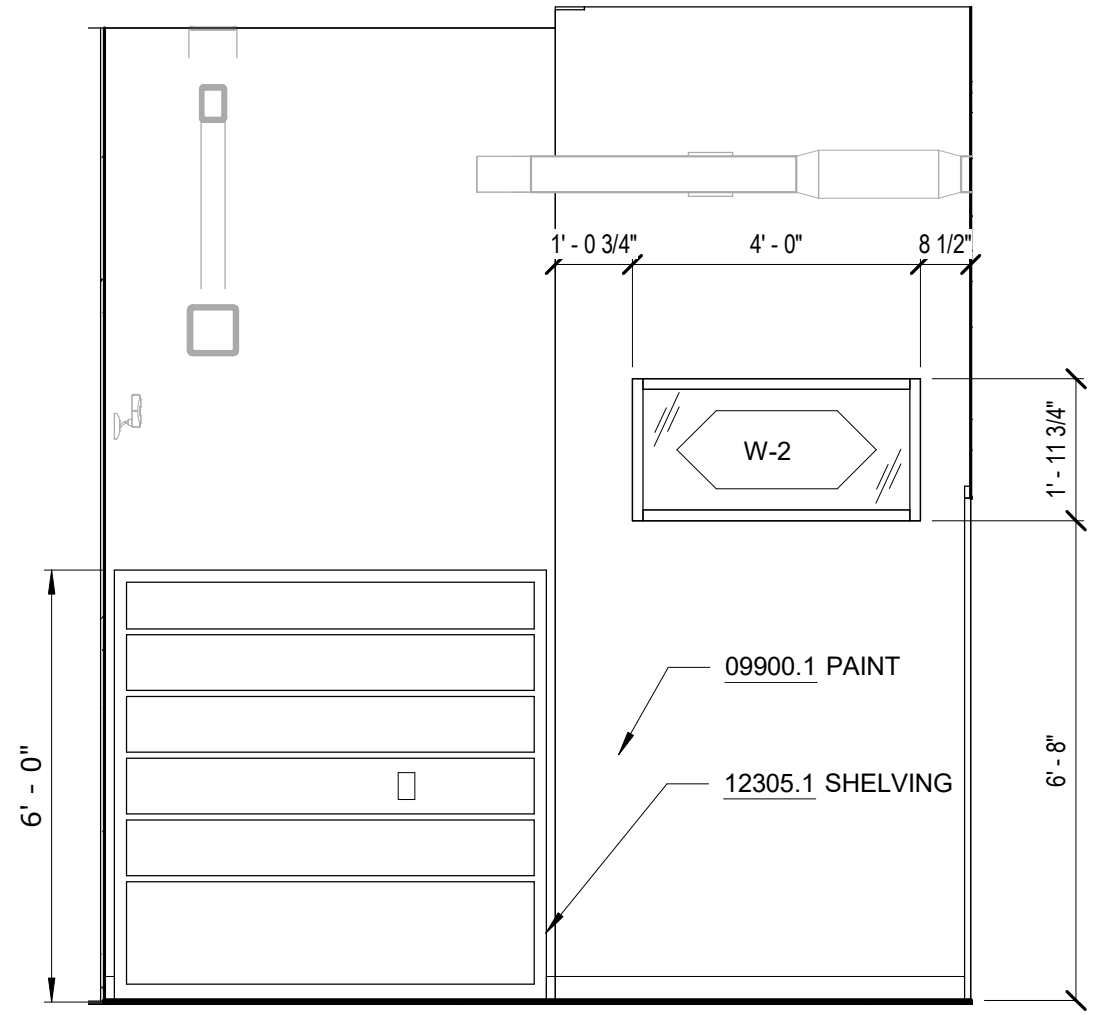
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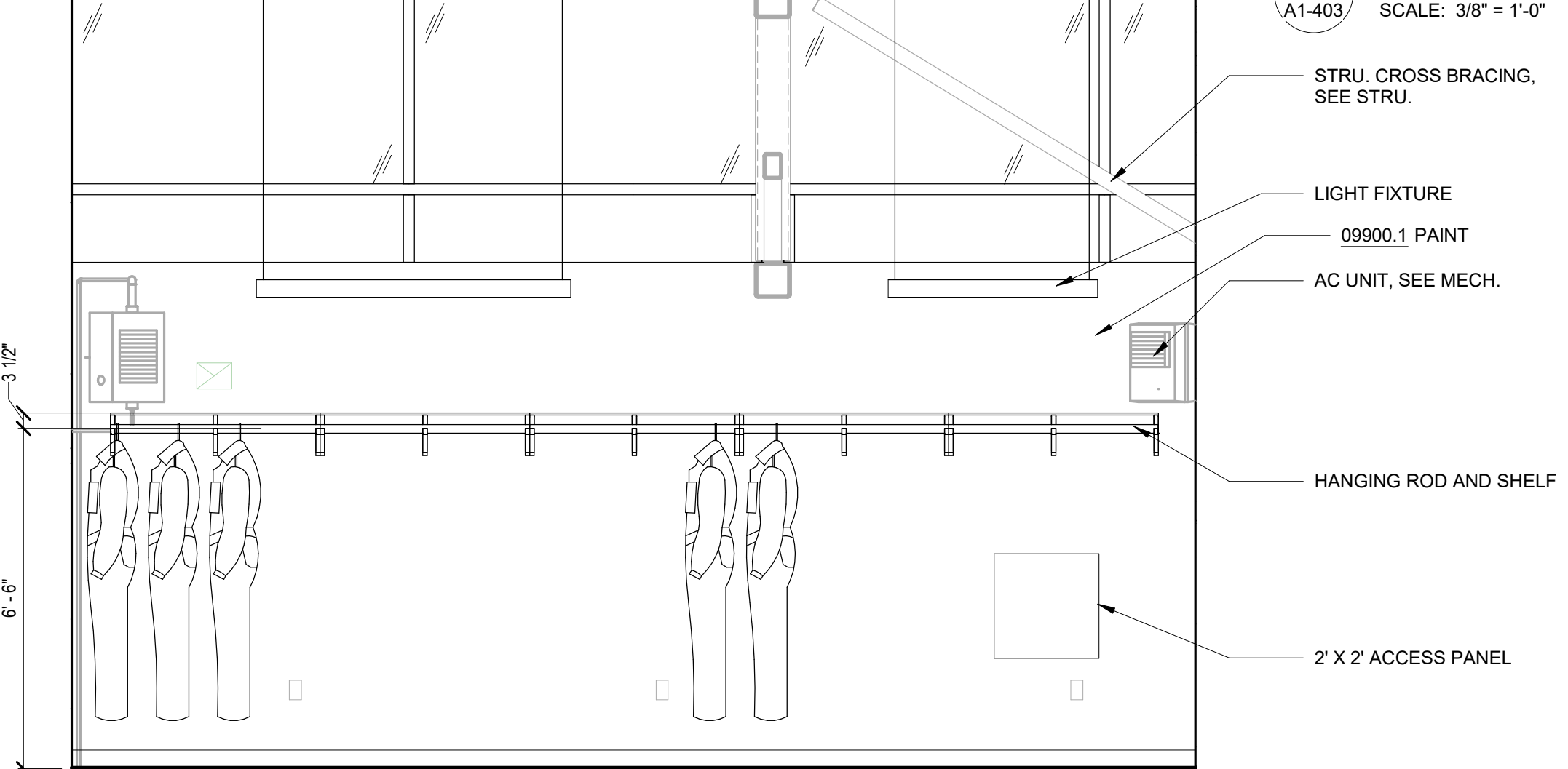
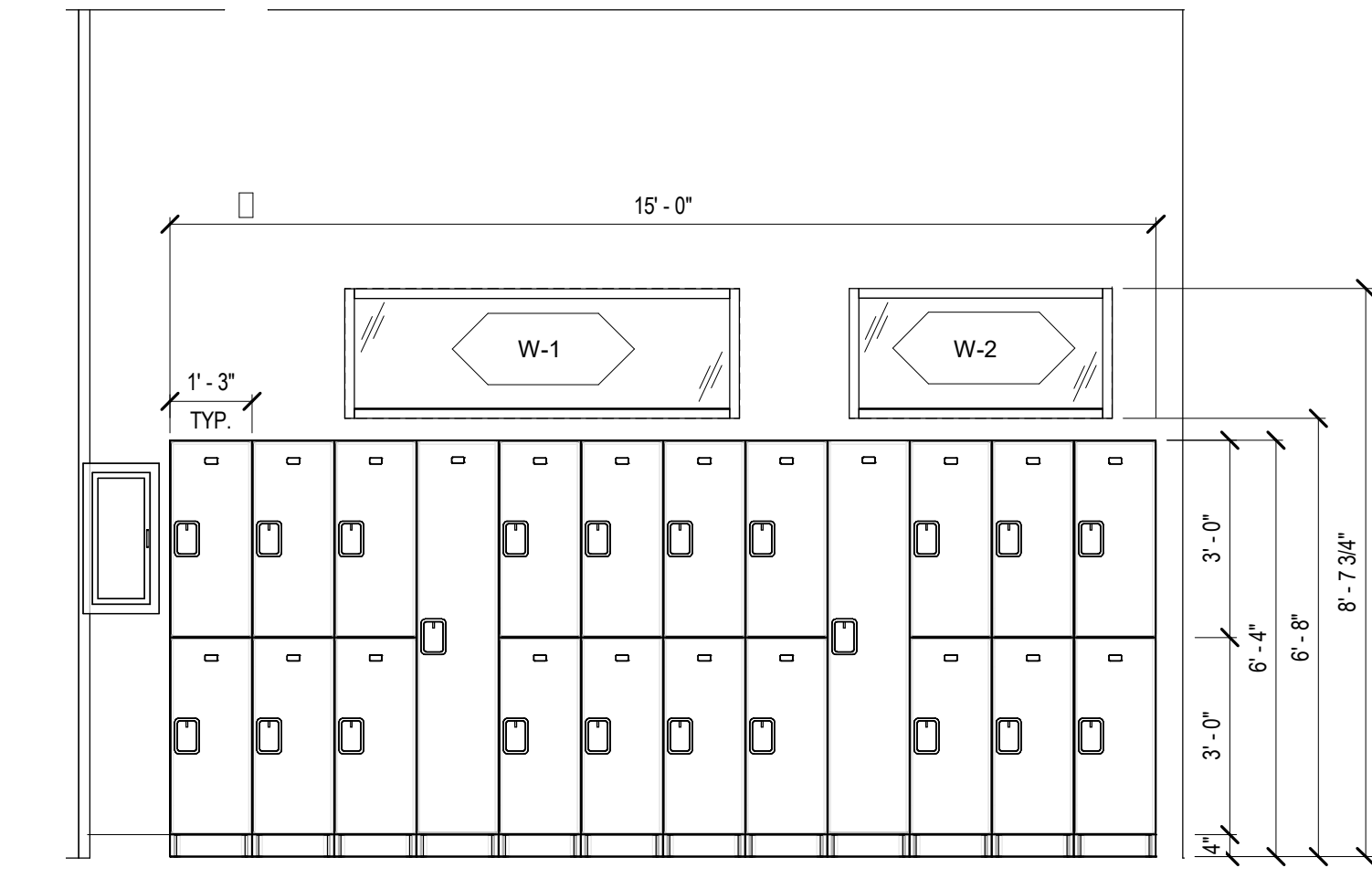
- NOTES - MUD ROOM**
- DIVISION 9
09900.1 PAINT
COLOR TO MATCH ARCHITECT'S SAMPLE
 - DIVISION 10
10521.1 FIRE EXTINGUISHER
10 LB DRY CHEMICAL FIRE EXTINGUISHER IN RECESSED CABINET
 - DIVISION 12
12305.1 SHELVING
POWDER COATED STEEL SHELVING, SIZE AS SHOWN



3 LAUNDRY ROOM - WEST ELEVATION
A1-403 SCALE: 3/8" = 1'-0"

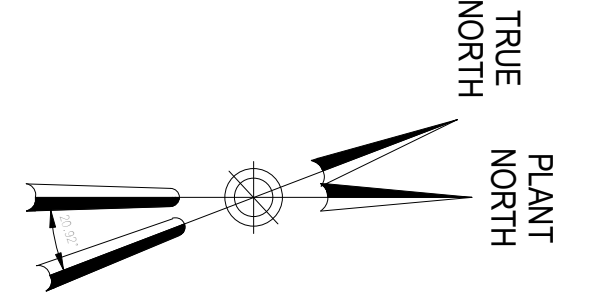
4 PPE ROOM - WEST ELEVATION
A1-403 SCALE: 3/8" = 1'-0"

5 LAUNDRY ROOM - EAST ELEVATION
A1-403 SCALE: 3/8" = 1'-0"



6 LOCKERS - ELEVATION
A1-403 SCALE: 3/8" = 1'-0"

7 PPE ROOM - EAST ELEVATION
A1-403 SCALE: 3/8" = 1'-0"



GoshowArchitects
20 W 22nd St, Suite 901 | New York, NY 10010
P 212.242.3735

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DRAWN BY: S. KINARD
CHECKED BY: E. CLAASSEN
DESIGN LEAD: EDWARD BARBOE, P.E.



ACCOUNTABLE MANAGER
JOSE NIEVES
PORTFOLIO MANAGER
MARK DELBALZO, P.E.

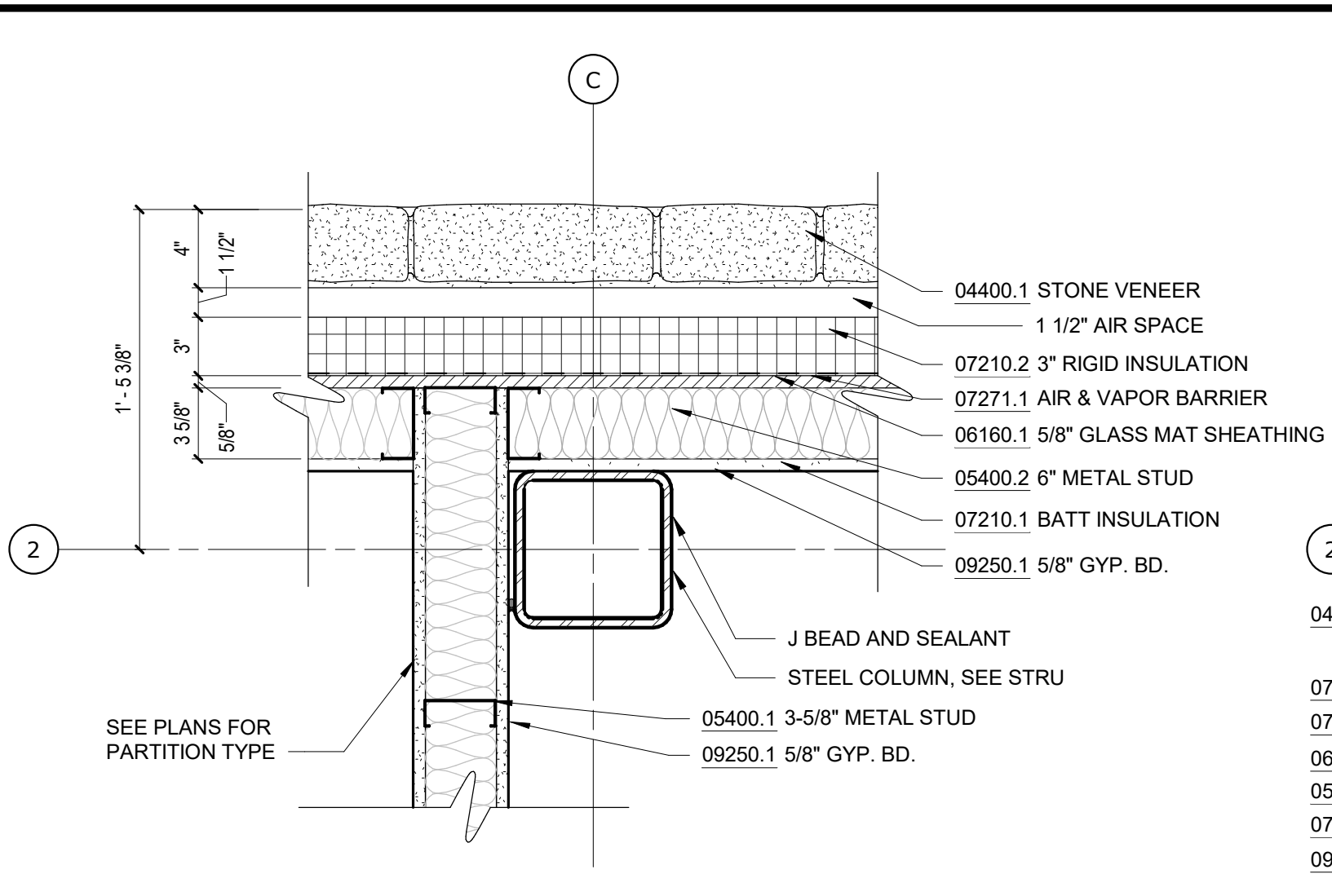
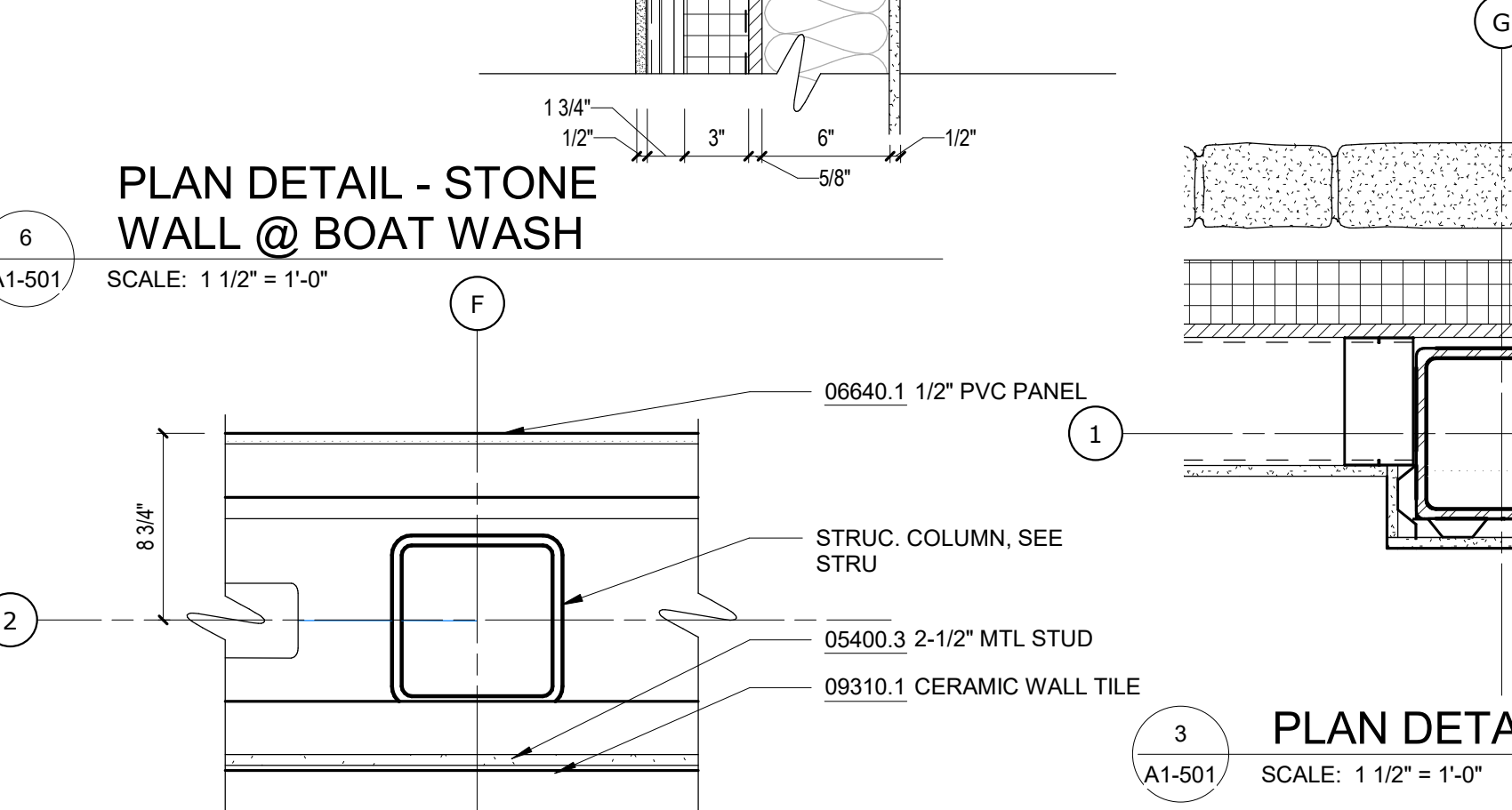
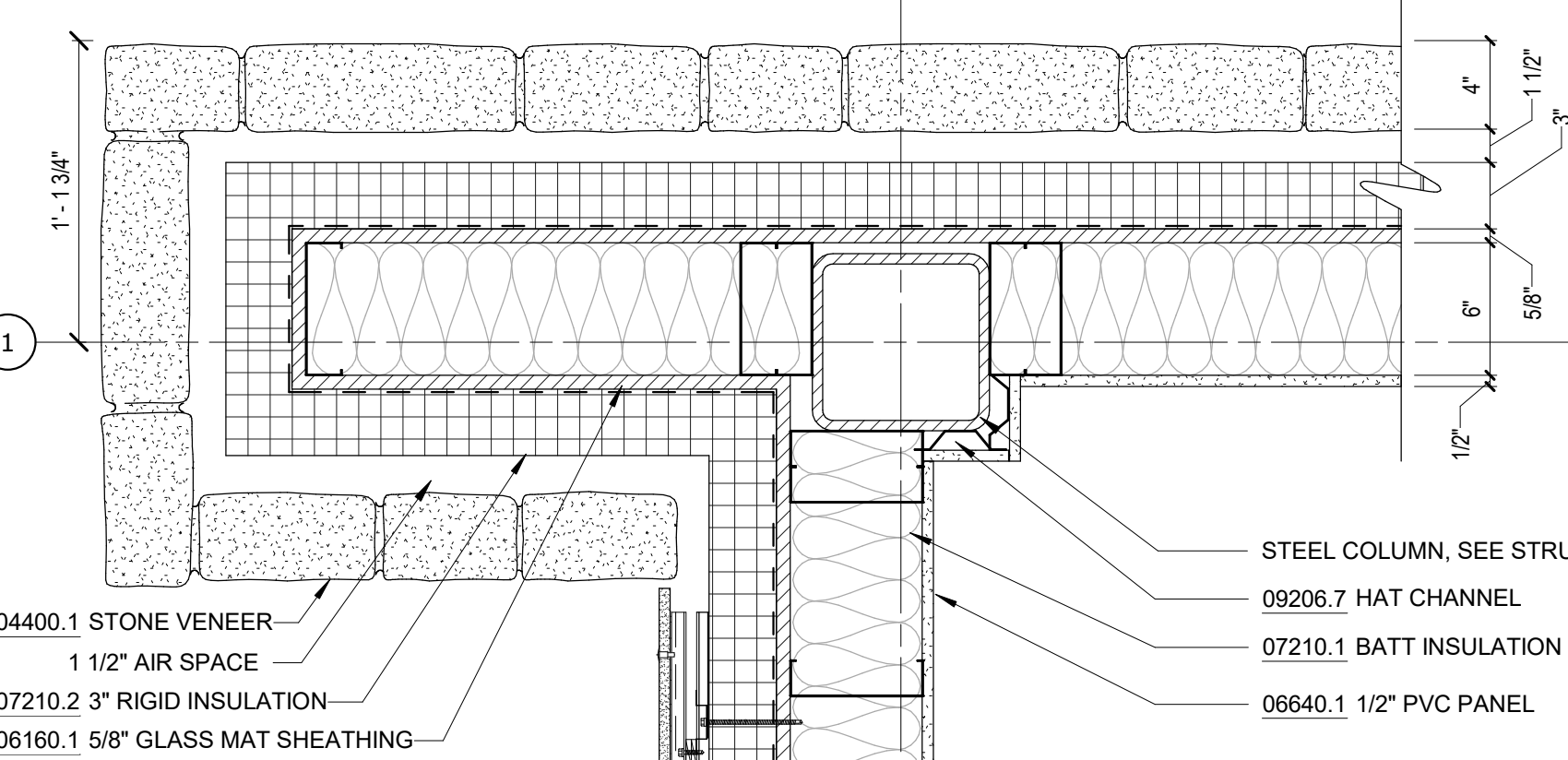
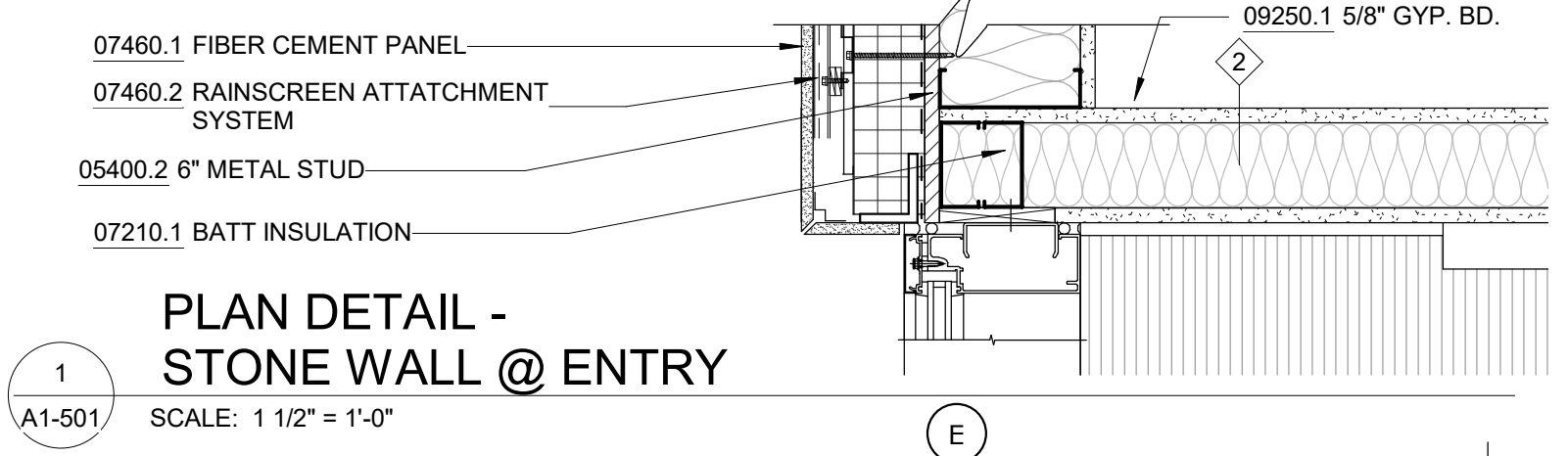
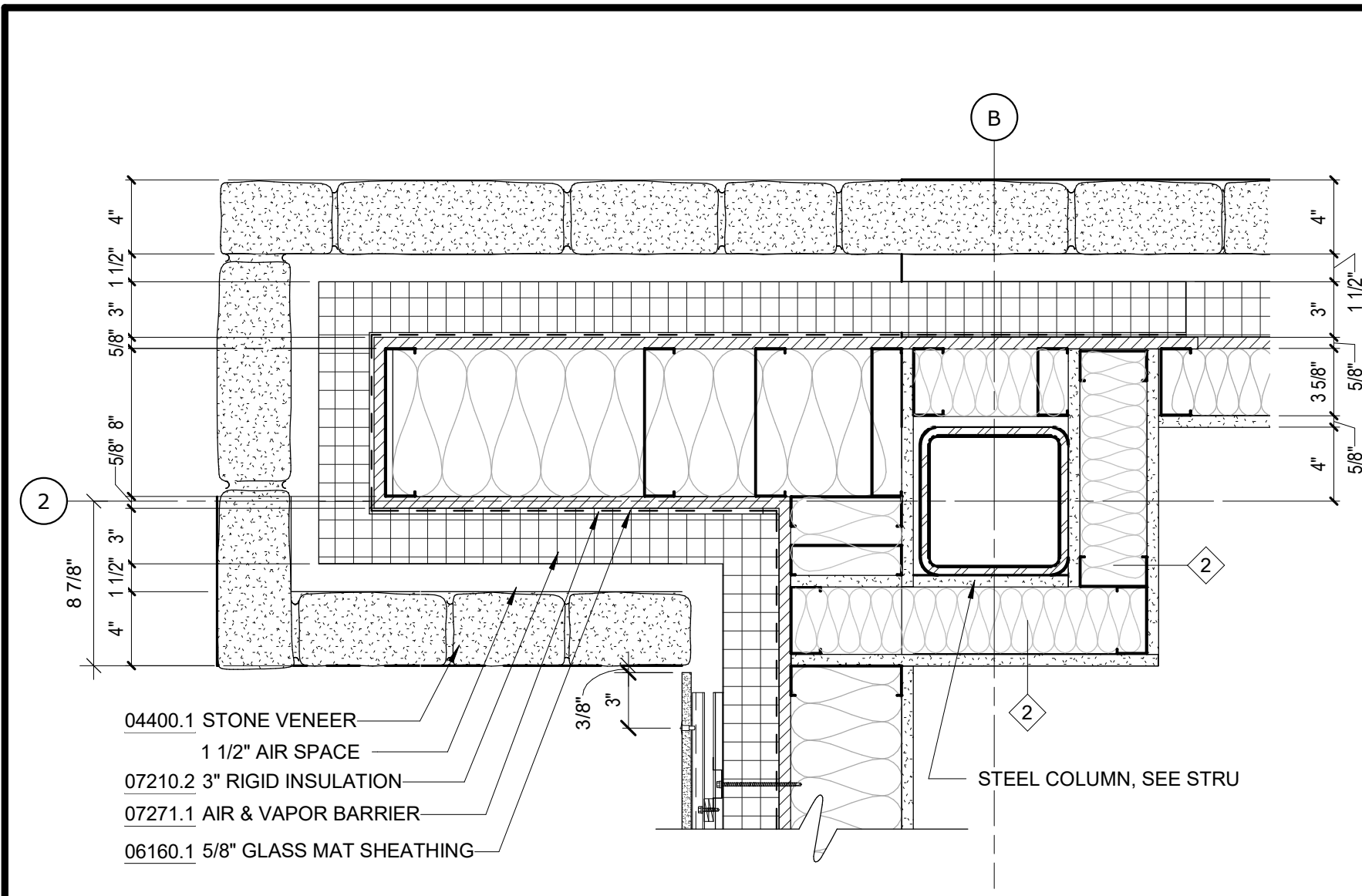
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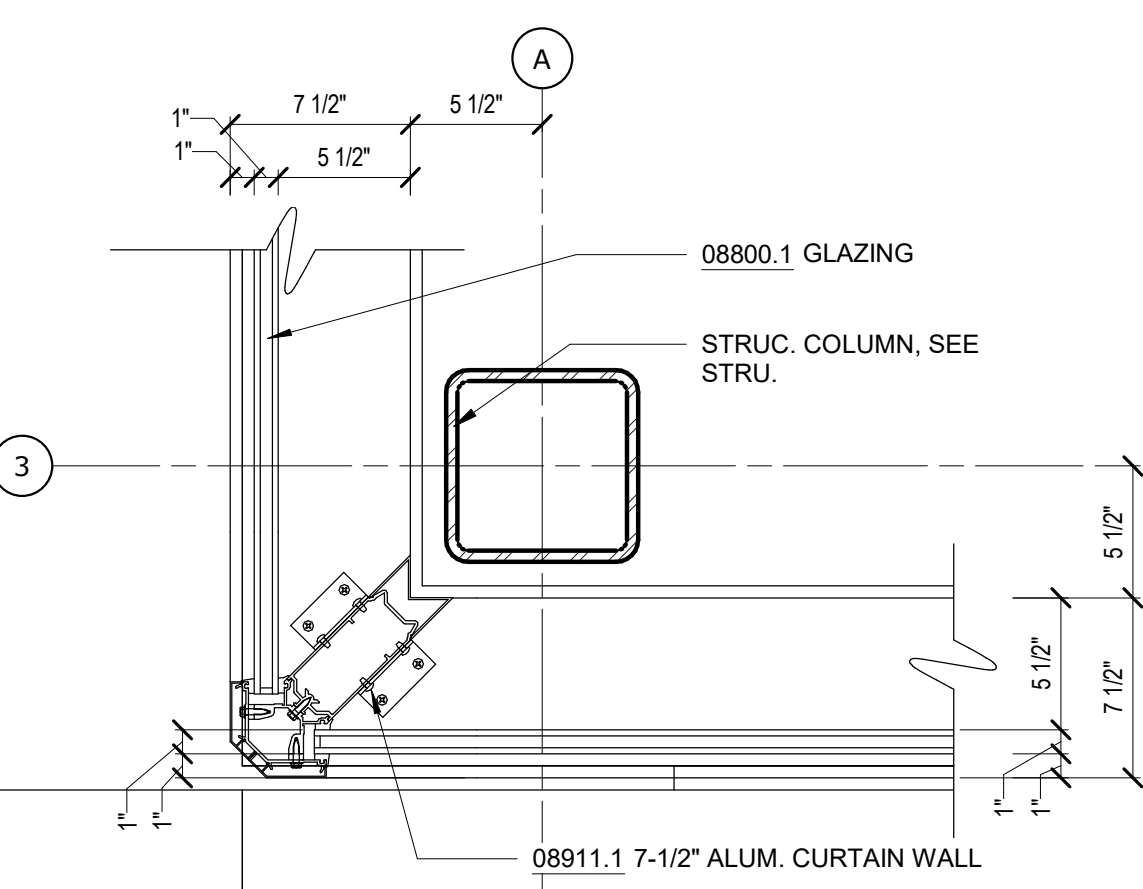
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WATERFOWL MANAGEMENT PROGRAM BUILDING AND PAVING MOUNT PLEASANT, NEW YORK ARCHITECTURAL ENLARGED PLANS AND ELEVATIONS	DATE: JANUARY 2023
	SCALE: SHEET NO: 60 OF No. 80
	DRAWING NO. A1-403

Autodesk Docs://05290-02A_CAT-423 WFO-02A Waterfowl Mgmt Program/05290-02A_A_VFB.rvt
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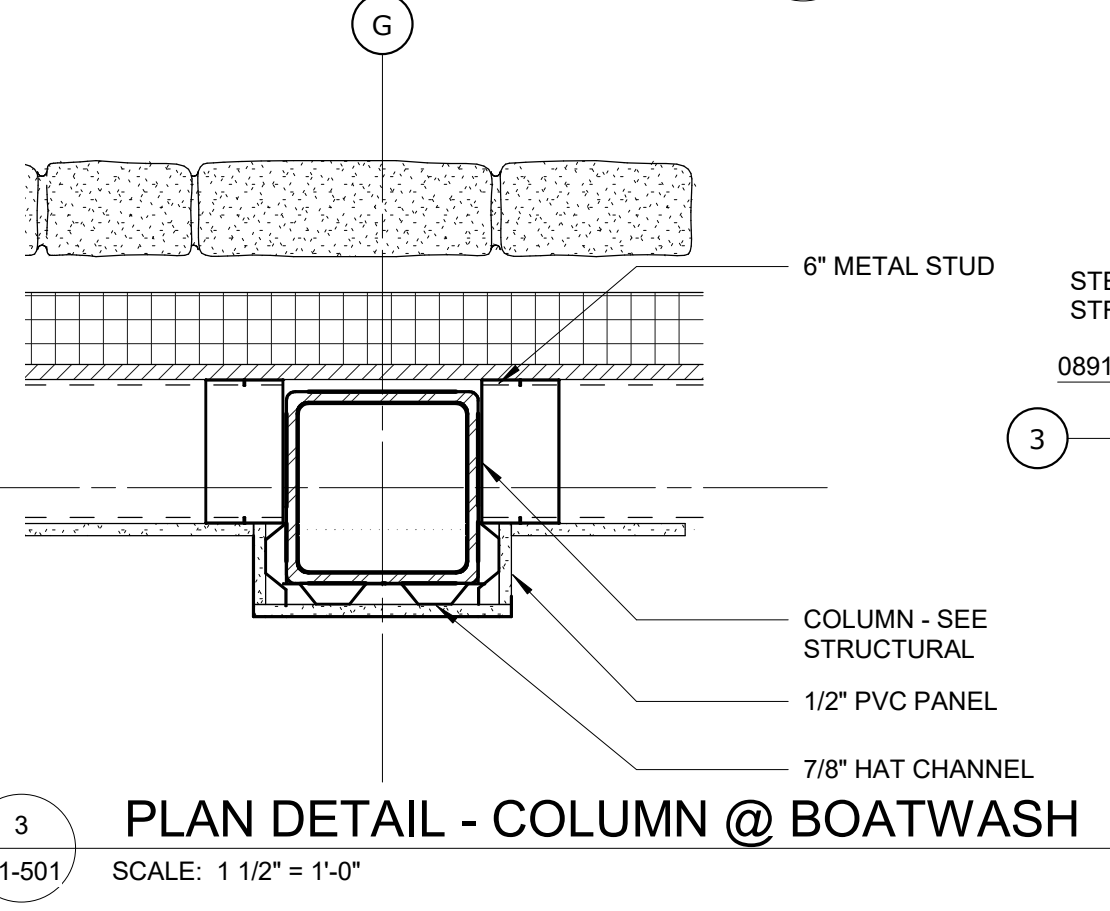
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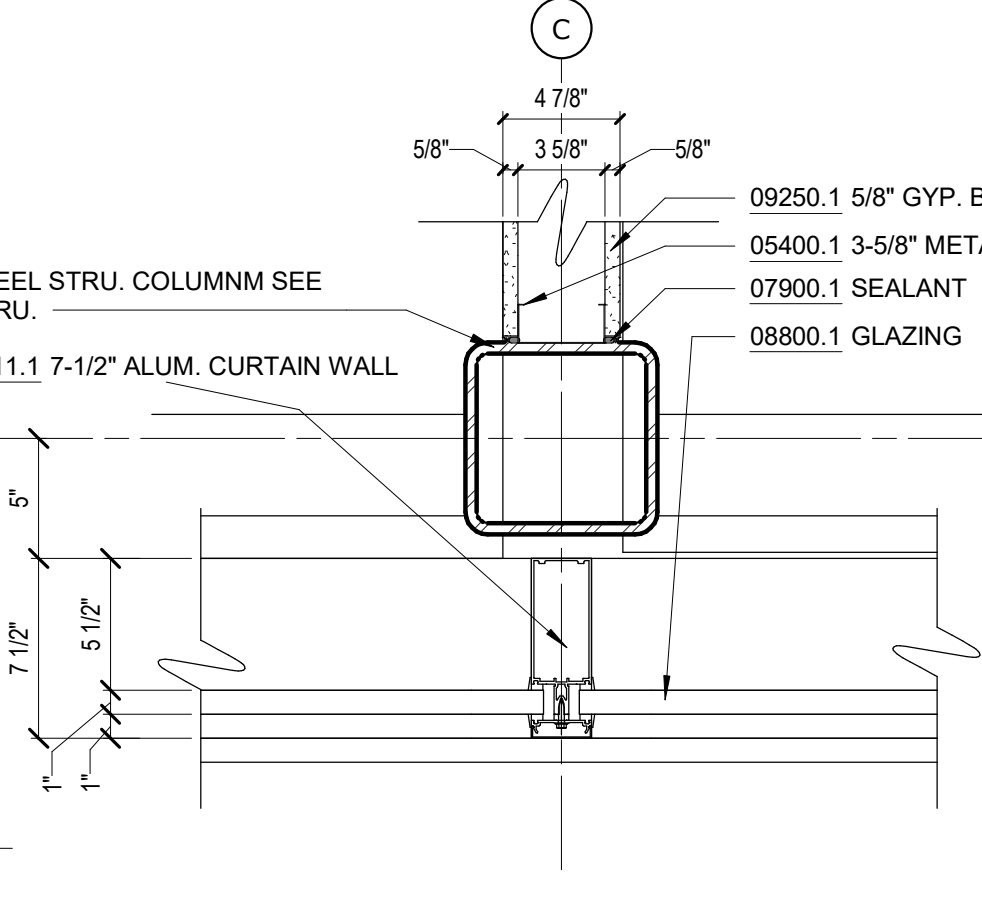
PLAN DETAIL - COLUMN @ KITCHENETTE
SCALE: 1 1/2" = 1'-0"



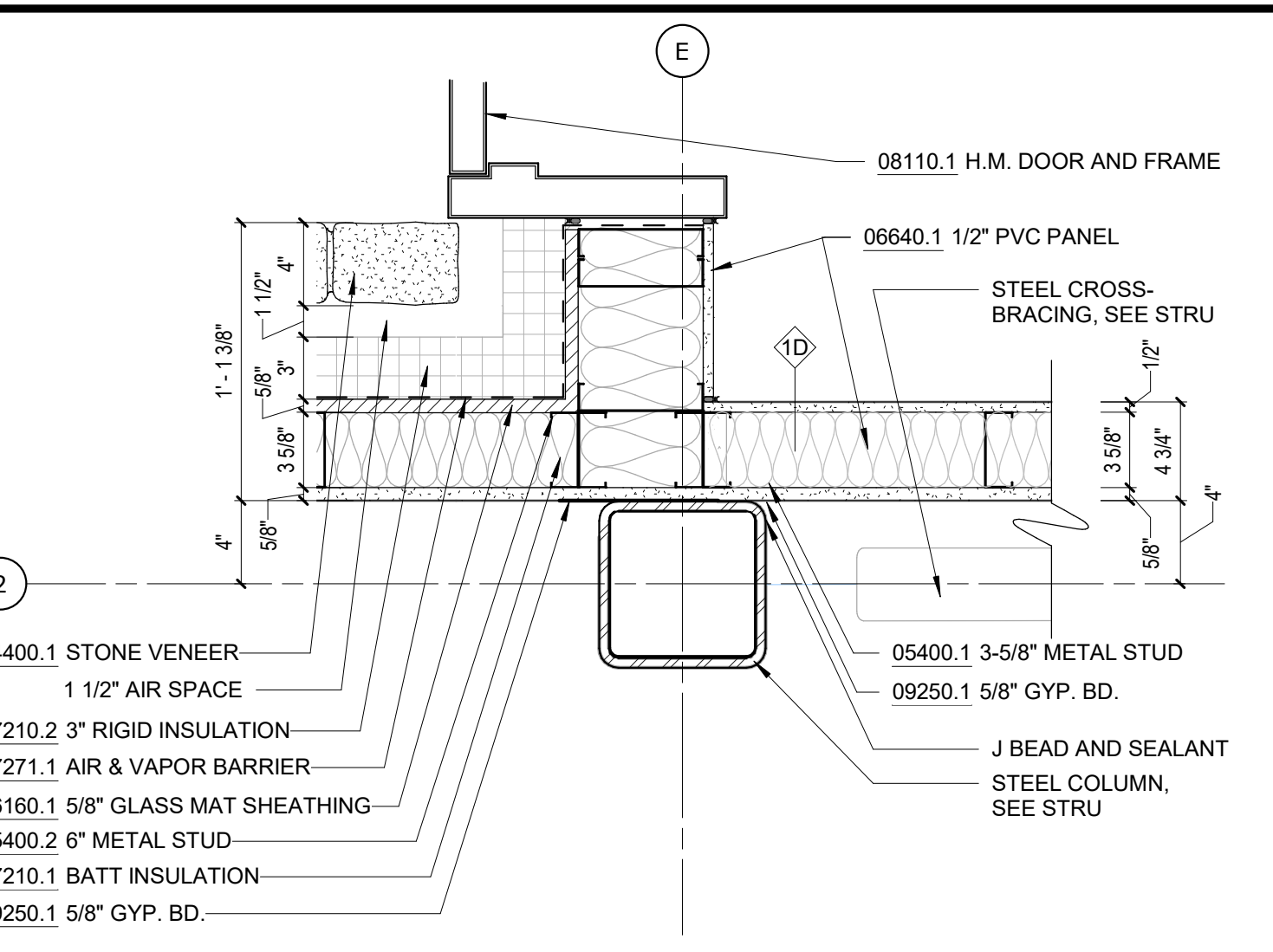
PLAN DETAIL - CURTAIN WALL CORNER @ COLUMN, TYP.
SCALE: 1 1/2" = 1'-0"



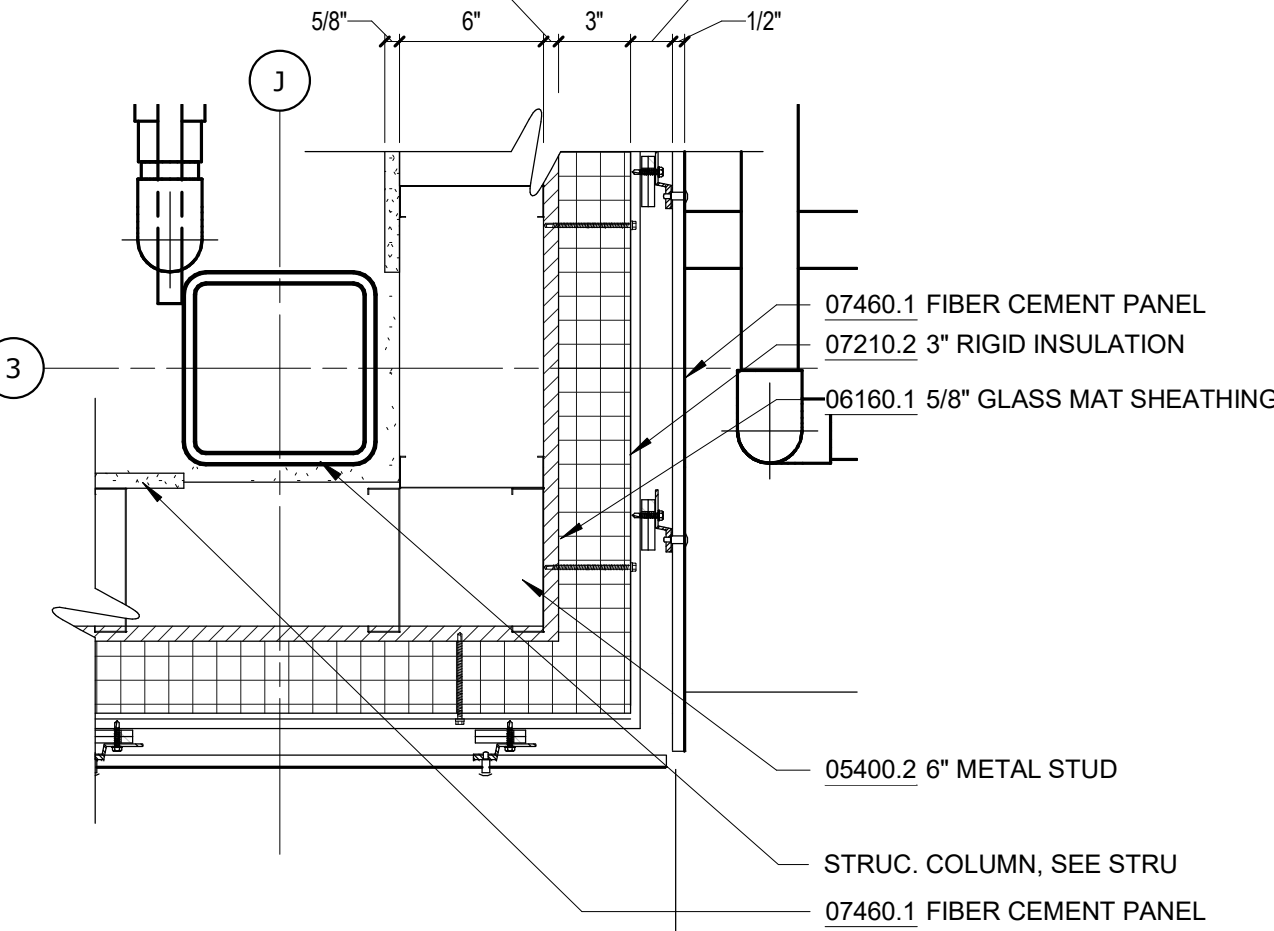
PLAN DETAIL - COLUMN @ BOATWASH
SCALE: 1 1/2" = 1'-0"



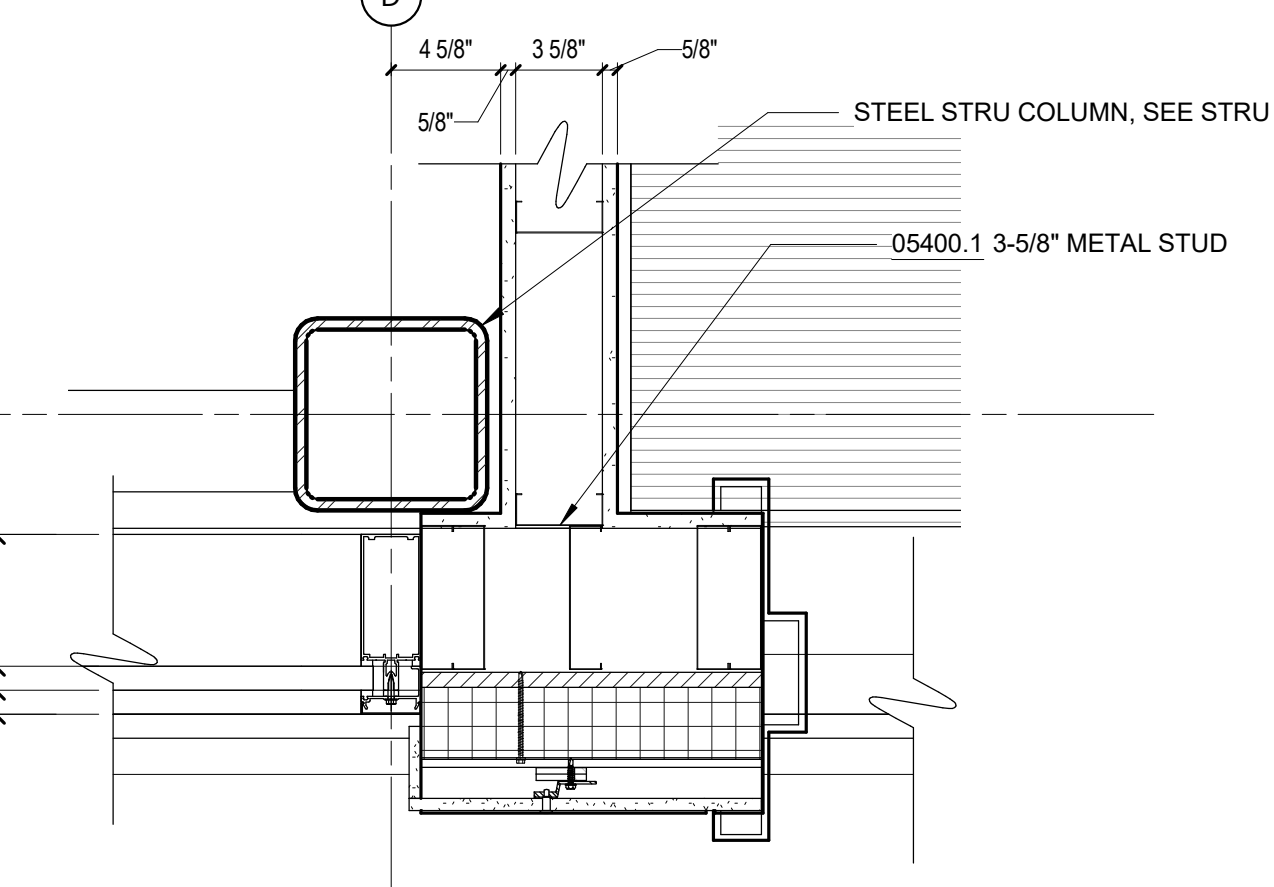
PLAN DETAIL - CURTAIN WALL MULLION @ COLUMN, TYP.
SCALE: 1 1/2" = 1'-0"



PLAN DETAIL - COLUMN @ CROSS BRACING
SCALE: 1 1/2" = 1'-0"



PLAN DETAIL - FIBER CEMENT PANEL EXT. CORNER
SCALE: 1 1/2" = 1'-0"



PLAN DETAIL - CURTAIN WALL @ FIBER CEMENT
SCALE: 1 1/2" = 1'-0"

NOTES - DETAILS

DIVISION 4	04051.1 GROUT SOLID	
	04400.1 STONE VENEER	4" FULL VENEER LIMESTONE
	04400.2 WEEP HOLE	PLASTIC RECTANGULAR WEEP HOLES
	04400.3 MORTAR NET	
DIVISION 5	05400.1 3-5/8" METAL STUD	3-5/8" METAL STUD, 16" O.C.
	05400.2 6" METAL STUD	6" METAL STUD, 16" O.C.
	05400.3 2-1/2" MTL STUD	2-1/2" MTL STUD, 16" O.C.
	05400.4 8" METAL STUD	8" METAL STUD, 16" O.C.
DIVISION 6	06160.1 <varies>	5/8" GLASS MAT SHEATHING, FASTENED TO METAL STUDS
	06640.1 1/2" PVC PANEL	TONGUE AND GROOVE, RIB REINFORCED, 1/2" THICK PVC WALL PANEL
	06640.2 PVC BASE TRIM	PVC TRIM PIECES BY WALL PANEL MANUFACTURER, COLOR TO MATCH WALL PANEL
DIVISION 7	07111.1 DAMPPROOFING	BITUMINOUS DAMPPROOFING, APPLIED TO CONCRETE FOUNDATION
	07210.1 BATT INSULATION	RECYCLED GLASS FIBER INSULATION BATTS, R-13 MIN.
	07210.2 3" RIGID INSULATION	3" RIGID XPS INSULATION, R-5 PER INCH MIN., MECHANICALLY FASTENED TO GLASS MAT SHEATHING
	07221.1 6" RIGID INSULATION	6" RIGID XPS INSULATION, R-5 PER INCH MIN., MECHANICALLY FASTENED TO METAL ROOF DECK
	07271.1 AIR & VAPOR BARRIER	ADHERED TO GLASS MAT SHEATHING
	07460.1 FIBER CEMENT PANEL	5/16" (8MM) THROUGH COLOR FIBER CEMENT WALL PANEL
	07460.2 RAINSCREEN ATTACHMENT SYSTEM	THERMALLY ISOLATED EXPOSED FASTENER RAINSCREEN ATTACHMENT SYSTEM
	07460.3 VERTICAL CHANNEL	1/2" VERTICAL HAT CHANNEL @ 16" O.C.
	07611.1 STANDING SEAM ROOF	22 GA. MIN. GALVALUME MECHANICALLY SEALED DOUBLE LOCK ROOF
	07611.2 SNOW GUARD	MECHANICALLY ATTACHED ALUMINUM SNOW GUARDS, COLOR TO MATCH ROOFING
	07620.1 FLASHING	COPPER THRU-WALL FLASHING
	07620.2 FLASHING	
	07620.3 FLASHING	
	07900.1 SEALANT	
	07900.2 CAULK	
	07900.3 BACKER ROD	
DIVISION 8	08110.1 H.M. DOOR AND FRAME	EXTERIOR GALVANIZED STEEL DOOR AND FRAME, PAINTED TO MATCH FIBER CEMENT PANEL COLOR
	08800.1 GLAZING	1" INSULATED GLASS UNIT WITH BIRD PROTECTION UV STRIPE COATING
	08911.1 7-1/2" ALUM. CURTAIN WALL	7-1/2" ALUMINUM FRONT-GLAZED CURTAIN WALL, CLEAR ANODIZED FINISH
	08911.2 6" ALUM. CURTAIN WALL	6" ALUMINUM FRONT-GLAZED CURTAIN WALL, CLEAR ANODIZED FINISH
	08911.3 BRAKE METAL	FINISH TO MATCH CURTAIN WALL
DIVISION 9	09206.1 METAL FURRING	
	09206.2 METAL FURRING CHANNEL CLIP	
	09206.3 1 1/2" STEEL RUNNING CHANNEL	
	09206.4 GAT CLIP	4B1.5L CAT. #16.59.SM (OR OTHER APPROVED MEANS)
	09206.5 MAIN TEE	24" OC MAX. SHAPE AND DESIGN AS APPROVED (THE RECESSED FIXTURE MAY BE SUPPORTED BY THE MAIN TEES SPACED 2'-0" OR 4'-0" OC)
	09206.6 DIRECT HANG CLIP	
	09206.7 HAT CHANNEL	7/8" METAL HAT CHANNEL
	09250.1 5/8" GYP. BD.	5/8" GYPSUM BOARD, ABUSE RESISTANT
	09250.2 TRIM	J TRIM WITH SEALANT BEAD
	09250.5 STEEL ROD	1/4" DIA. GALVANIZED STEEL ROD, SPACING NOT TO EXCEED 4'-0" OC
	09511.1 LINEAR METAL CEILING	LINEAR METAL CEILING, 6" PLANKS, ATTACHED TO PURLINS
	09511.2 LINEAR METAL PLANK	LINEAR METAL CEILING, 6" PLANKS, ATTACHED TO PURLINS
	09511.3 CARRIER	LINEAR METAL CEILING MANUFACTURER'S STANDARD CEILING ATTACHMENT, ATTACHED TO PURLINS
	09511.4 HANGER WIRE	12 GA HANGER WIRE, 48" O.C. MAX
	09511.5 CROSS TEE	1 1/2" HIGH, 2'-0" OC
	09511.6 CARRIER SPLICE	CARRIER SPLICE WITH FIELD-FLATTENED LANCE, TYPICAL

BID SET	GRAPHIC SCALES CHECK BEFORE USE
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WATERFOWL MANAGEMENT PROGRAM BUILDING AND PAVING MOUNT PLEASANT, NEW YORK ARCHITECTURAL PLAN DETAILS	
DATE: JANUARY 2023	SCALE:
SHEET NO: 61 OF No. 80	DRAWING NO. A1-501

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DESIGN LEAD:
EDWARD BARBOE, P.E.

Hazen



ACCOUNTABLE MANAGER
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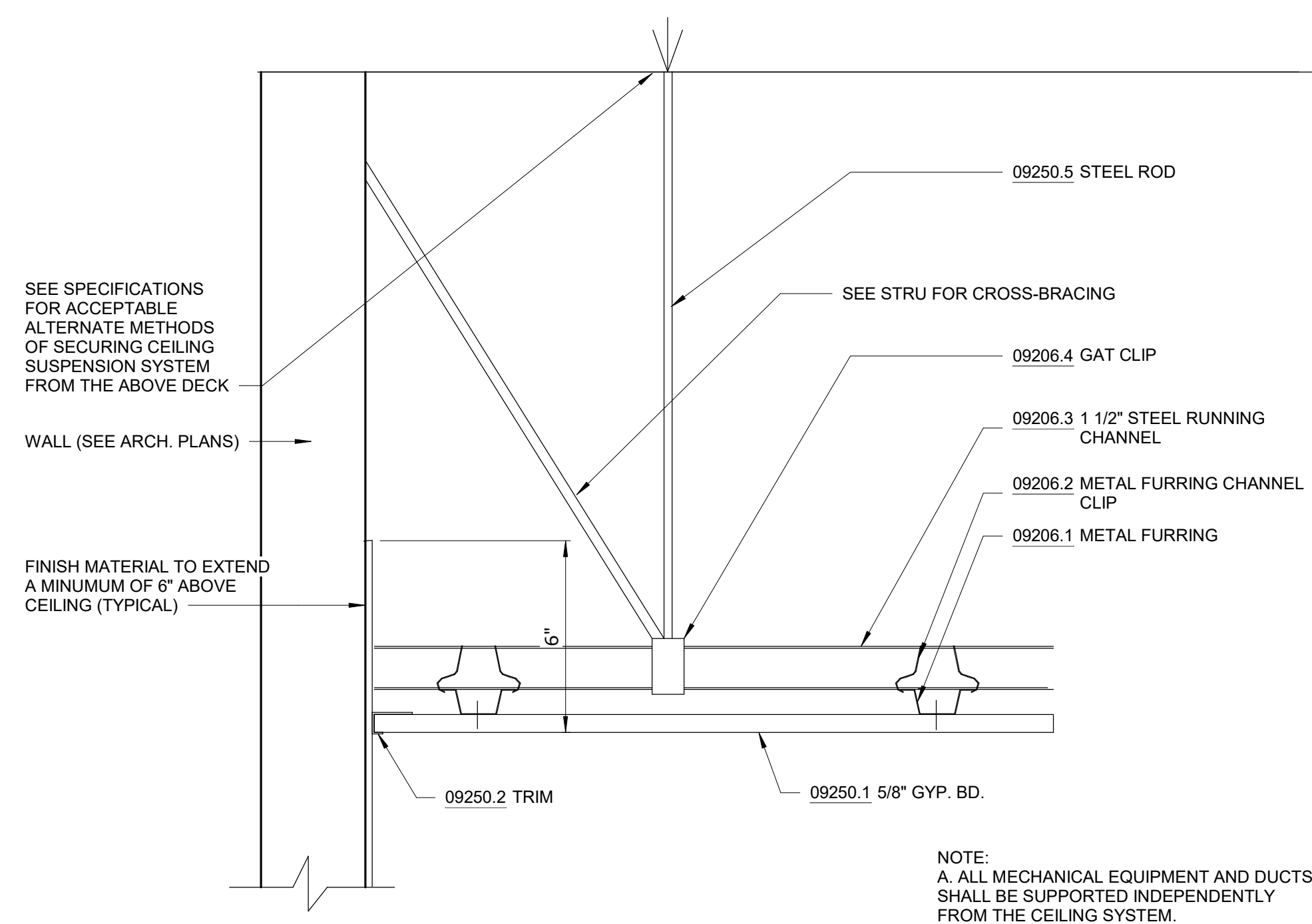
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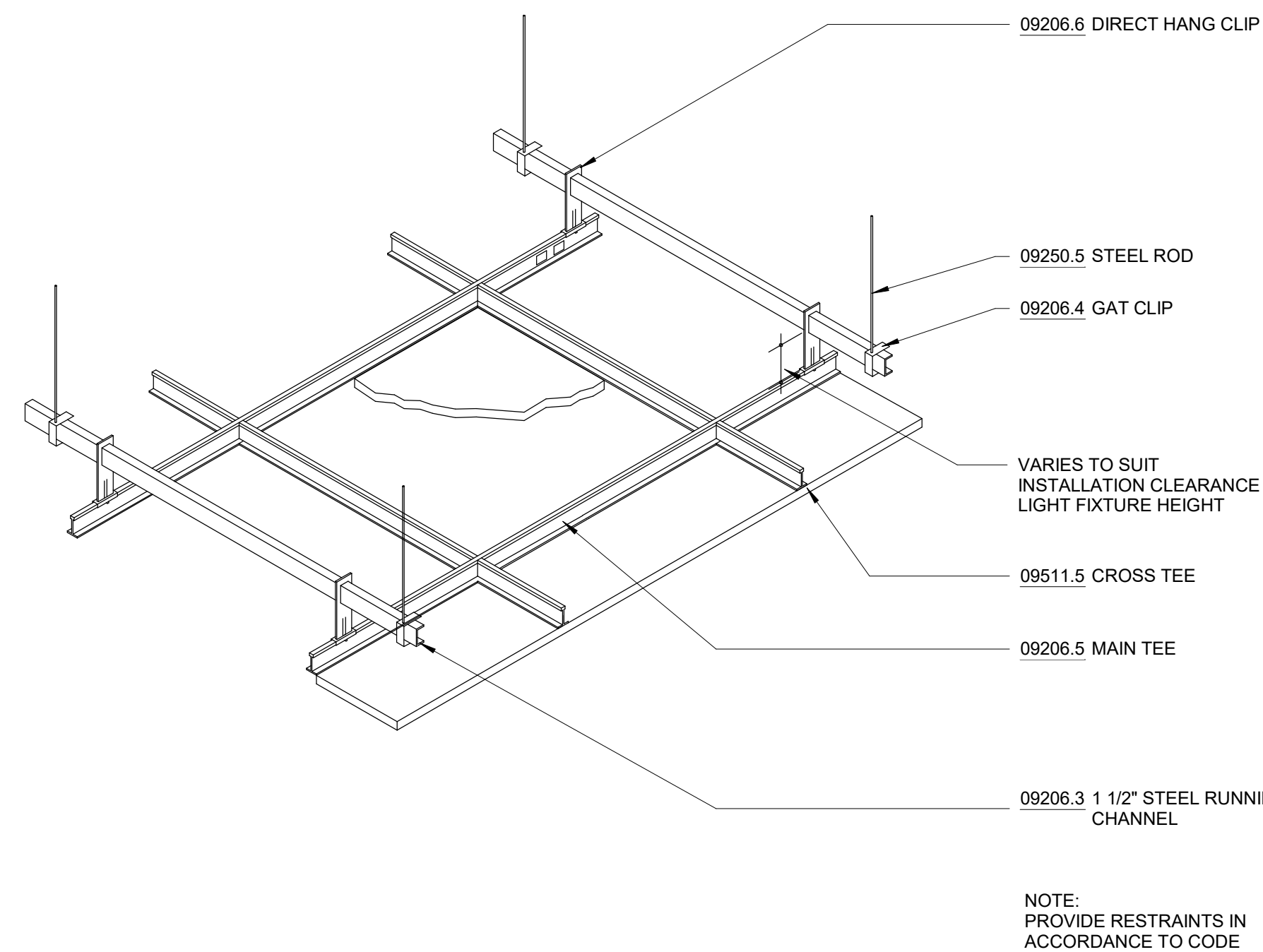
NOTES - DETAILS

DIVISION 4		
0405.1	GROUT SOLID	
04400.1	STONE VENEER	4" FULL VENEER LIMESTONE
04400.2	WEEP HOLE	PLASTIC RECTANGULAR WEEP HOLES
04400.3	MORTAR NET	
DIVISION 5		
05400.1	3-5/8" METAL STUD	3-5/8" METAL STUD, 16" O.C.
05400.2	6" METAL STUD	6" METAL STUD, 16" O.C.
05400.3	2-1/2" MTL STUD	2-1/2" METAL STUD, 16" O.C.
05400.4	8" METAL STUD	8" METAL STUD, 16" O.C.
DIVISION 6		
06160.1	<varies>	5/8" GLASS MAT SHEATHING, FASTENED TO METAL STUDS
06640.1	1/2" PVC PANEL	TONGUE AND GROOVE, RIB REINFORCED, 1/2" THICK PVC WALL PANEL
06640.2	PVC BASE TRIM	PVC TRIM PIECES BY WALL PANEL MANUFACTURER, COLOR TO MATCH WALL PANEL
DIVISION 7		
07111.1	DAMPPOOFING	BITUMINOUS DAMPPROOFING, APPLIED TO CONCRETE FOUNDATION
07210.1	BATT INSULATION	RECYCLED GLASS FIBER INSULATION BATTS, R-13 MIN.
07210.2	3" RIGID INSULATION	3" RIGID XPS INSULATION, R-5 PER INCH MIN., MECHANICALLY FASTENED TO GLASS MAT SHEATHING
07221.1	6" RIGID INSULATION	6" RIGID XPS INSULATION, R-5 PER INCH MIN., MECHANICALLY FASTENED TO METAL ROOF DECK
07271.1	AIR & VAPOR BARRIER	ADHERED TO GLASS MAT SHEATHING
07460.1	FIBER CEMENT PANEL	5/16" (8MM) THROUGH COLOR FIBER CEMENT WALL PANEL
07460.2	RAINSCREEN ATTACHMENT SYSTEM	THERMALLY ISOLATED EXPOSED FASTENER RAINSCREEN ATTACHMENT SYSTEM
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07611.1	STANDING SEAM ROOF	22 GA. MIN. GALVALUME MECHANICALLY SEALED DOUBLE LOCK ROOF
07611.2	SNOW GUARD	MECHANICALLY ATTACHED ALUMINUM SNOW GUARDS, COLOR TO MATCH ROOFING
07620.1	FLASHING	COPPER THRU-WALL FLASHING
07620.2	FLASHING	
07620.3	FLASHING	
07900.1	SEALANT	
07900.2	CAULK	
07900.3	BACKER ROD	
DIVISION 8		
08110.1	H.M. DOOR AND FRAME	EXTERIOR GALVANIZED STEEL DOOR AND FRAME, PAINTED TO MATCH FIBER CEMENT PANEL COLOR
08800.1	GLAZING	1" INSULATED GLASS UNIT WITH BIRD PROTECTION UV STRIPE COATING
08911.1	7-1/2" ALUM. CURTAIN WALL	7-1/2" ALUMINUM FRONT-GLAZED CURTAIN WALL, CLEAR ANODIZED FINISH
08911.2	6" ALUM. CURTAIN WALL	6" ALUMINUM FRONT-GLAZED CURTAIN WALL, CLEAR ANODIZED FINISH
08911.3	BRAKE METAL	FINISH TO MATCH CURTAIN WALL
DIVISION 9		
09206.1	METAL FURRING	
09206.2	METAL FURRING CHANNEL CLIP	
09206.3	1 1/2" STEEL RUNNING CHANNEL	
09206.4	GAT CLIP	481.5L CAT. #16.59 SM (OR OTHER APPROVED MEANS)
09206.5	MAIN TEE	24" OC MAX., SHAPE AND DESIGN AS APPROVED (THE RECESSED FIXTURE MAY BE SUPPORTED BY THE MAIN TEES SPACED 2'-0" OR 4'-0" OC)
09206.6	DIRECT HANG CLIP	
09206.7	HAT CHANNEL	7/8" METAL HAT CHANNEL
09250.1	5/8" GYP. BD.	5/8" GYPSUM BOARD, ABUSE RESISTANT
09250.2	TRIM	J TRIM WITH SEALANT BEAD
09250.5	STEEL ROD	1/4" DIA. GALVANIZED STEEL ROD, SPACING NOT TO EXCEED 4'-0" OC
09511.1	LINEAR METAL CEILING	LINEAR METAL CEILING, 6" PLANKS, ATTACHED TO PURLINS
09511.2	LINEAR METAL PLANK	LINEAR METAL CEILING, 6" PLANKS, ATTACHED TO PURLINS
09511.3	CARRIER	LINEAR METAL CEILING MANUFACTURER'S STANDARD CEILING ATTACHMENT, ATTACHED TO PURLINS
09511.4	HANGER WIRE	12 GA HANGER WIRE, 48" O.C. MAX
09511.5	CROSS TEE	1 1/2" HIGH, 2'-0" OC
09511.6	CARRIER SPLICE	CARRIER SPLICE WITH FIELD-FLATTENED LANCE, TYPICAL



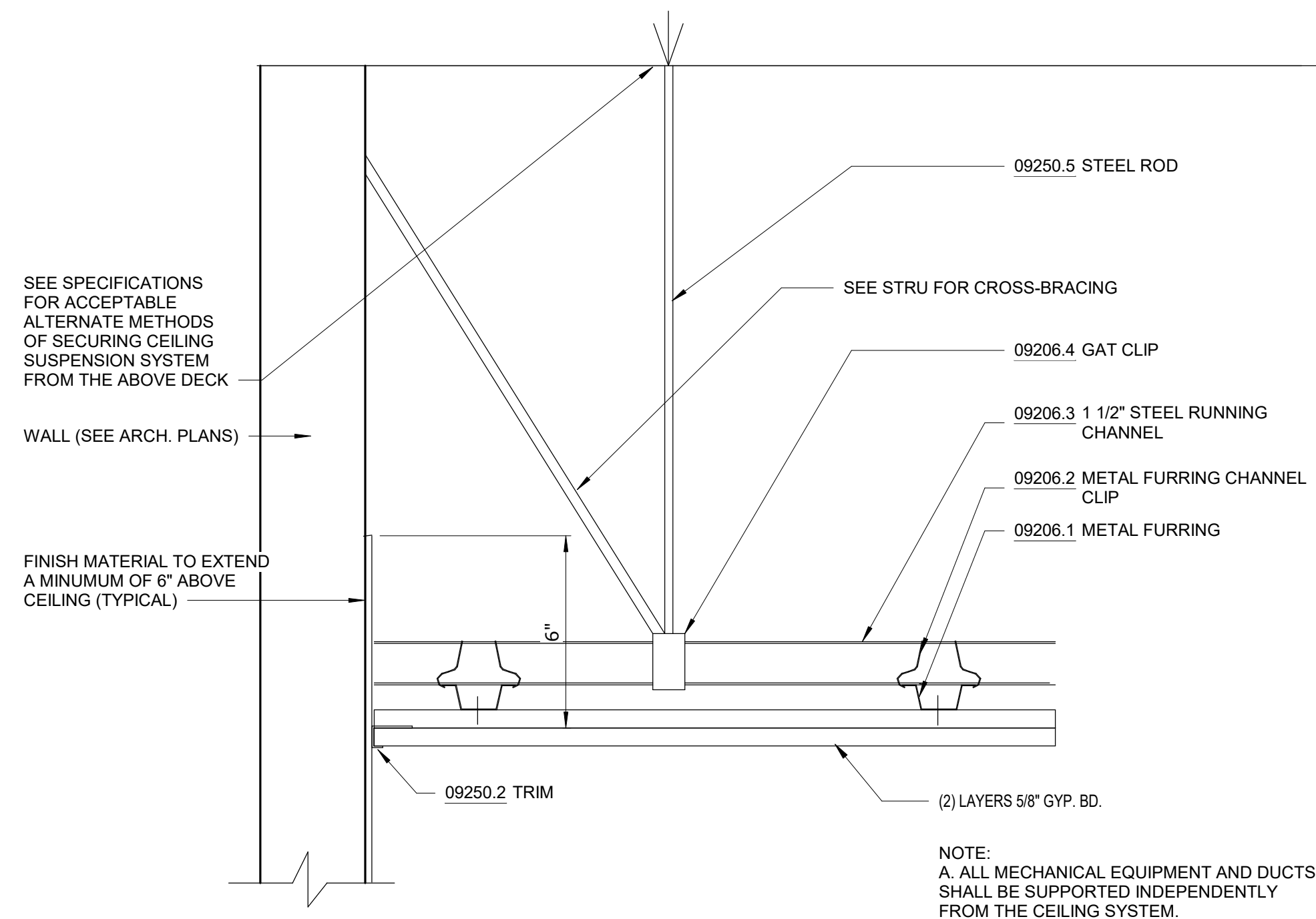
1 TYP. GYPSUM CEILING DETAIL

A1-502 SCALE: 3" = 1'-0"



2 GYPSUM CEILING DETAIL

A1-502 SCALE: 1" = 1'-0"



3 GYPSUM CEILING DETAIL - 1 HOUR RATED

(BASED ON GA FILE NOS. FC 5406 AND RC 2601)

A1-502 SCALE: 3" = 1'-0"

GoshowArchitects

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J. HYUN

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WATERFOWL MANAGEMENT PROGRAM BUILDING
AND PAVING
MOUNT PLEASANT, NEW YORK
ARCHITECTURAL
GYPSUM CEILING DETAILS

DATE: JANUARY 2023

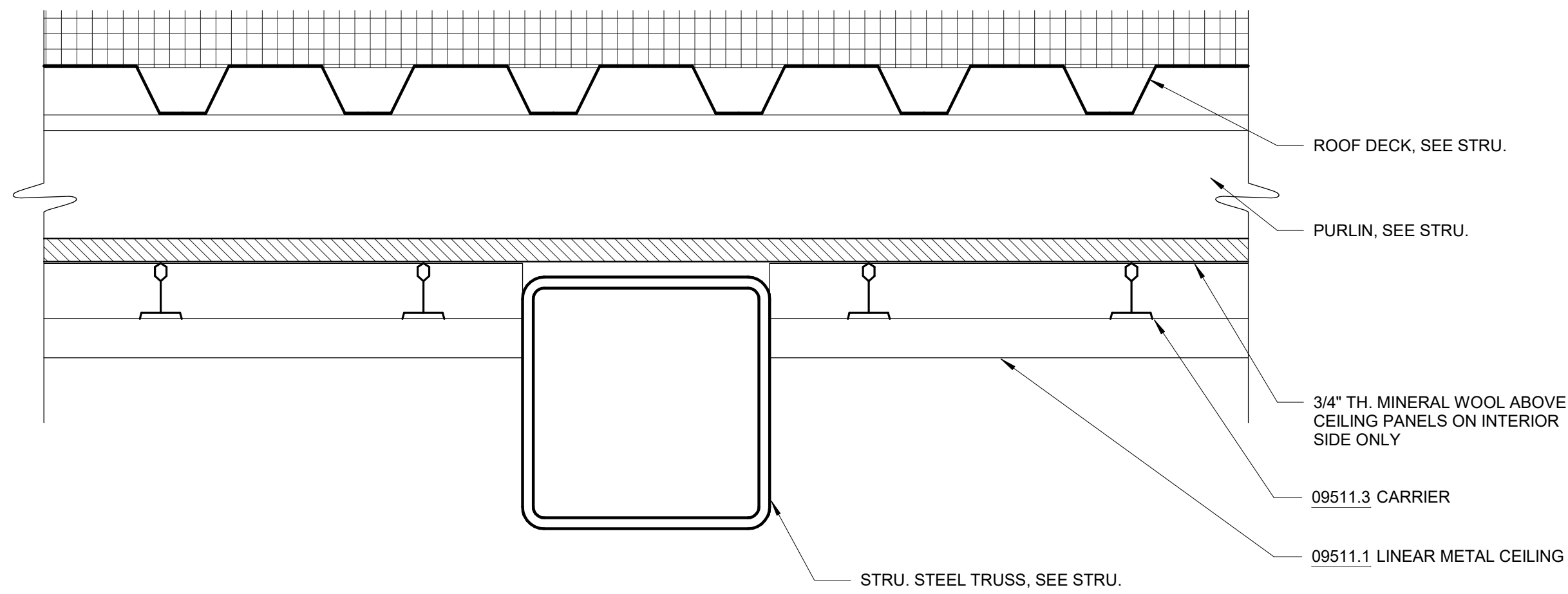
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62 OF No. 80

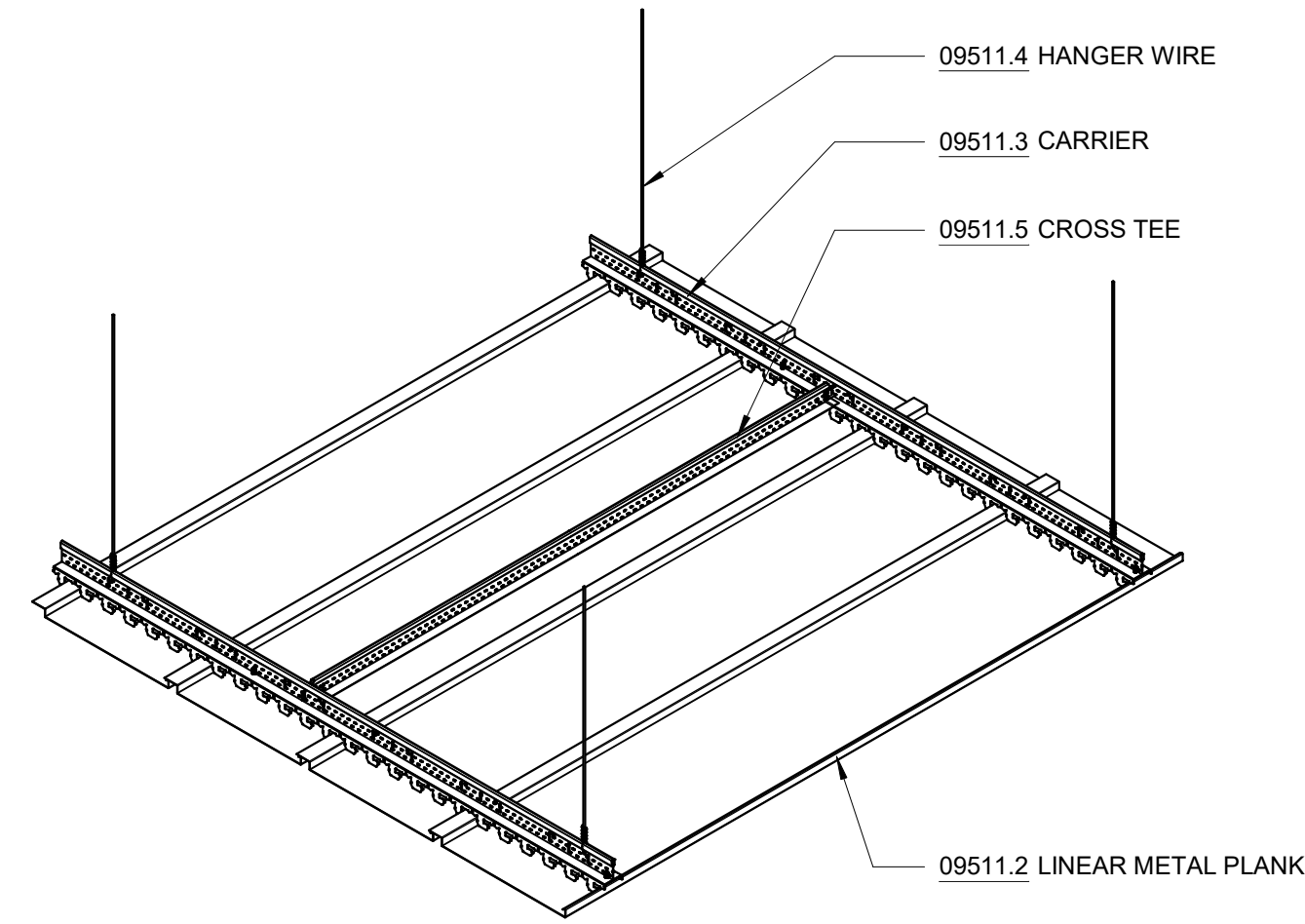
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A1-502



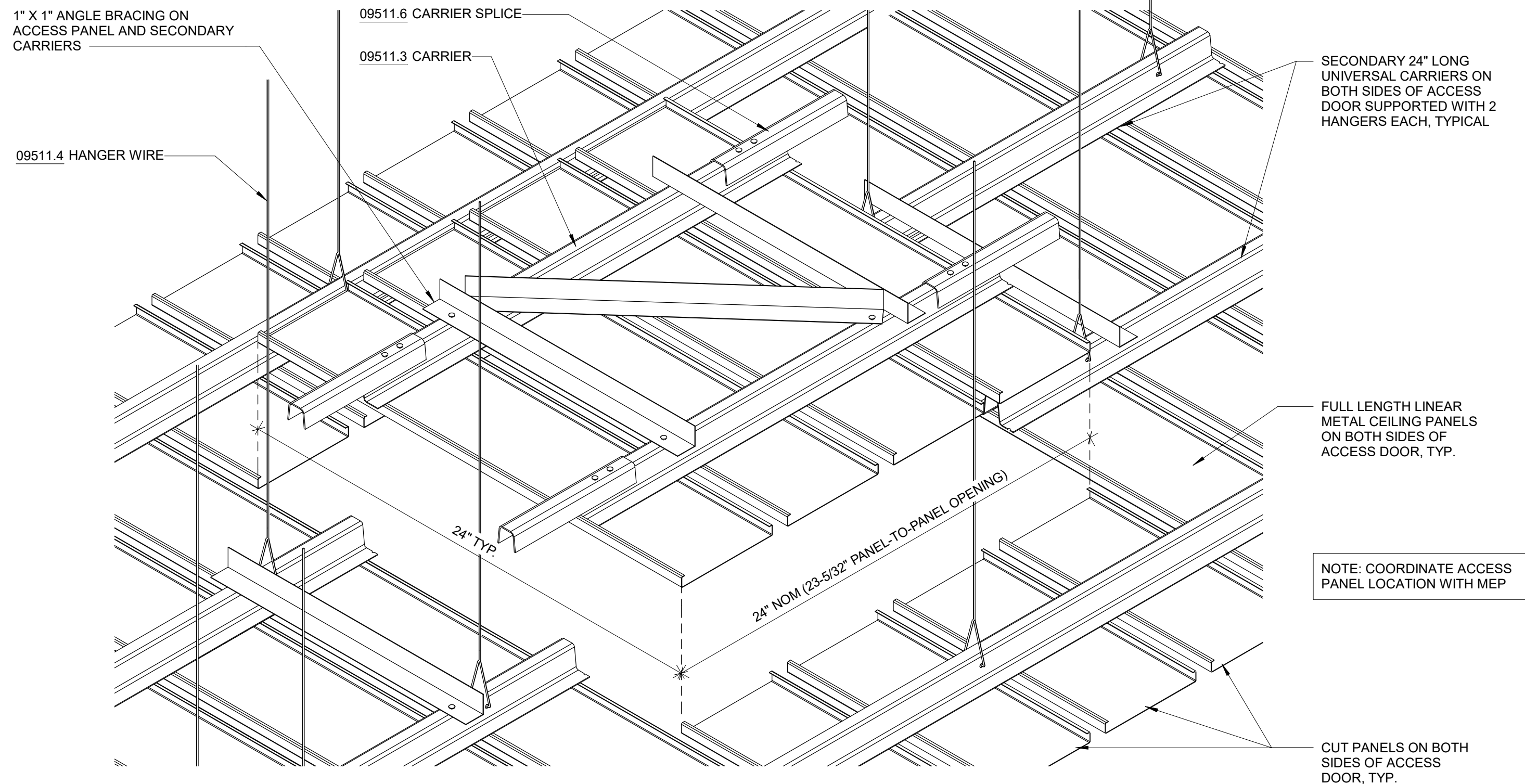
1 LINEAR METAL CEILING DETAIL AT TRUSS, TYP.

A1-503 SCALE: 3" = 1'-0"



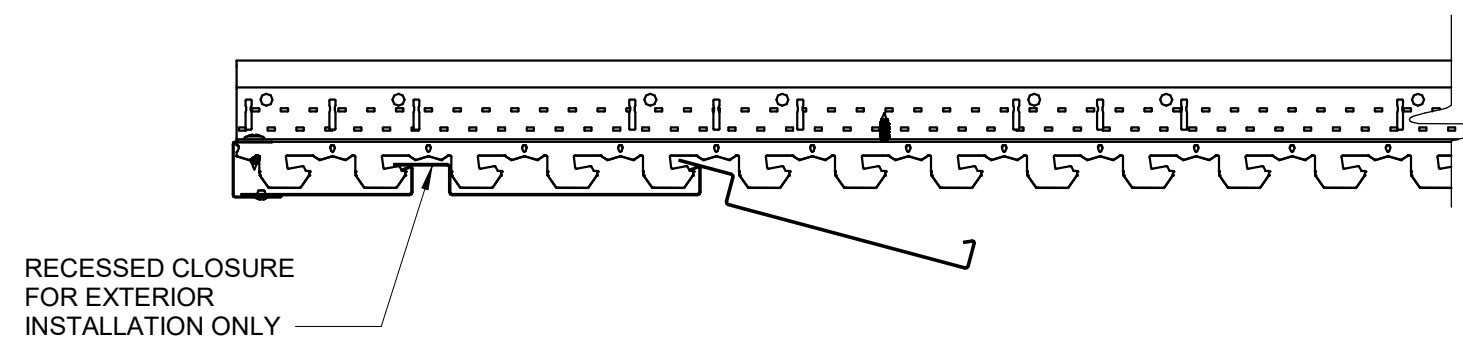
2 TYPICAL DETAIL - LINEAR METAL CEILING

A1-503 SCALE: 1" = 1'-0"



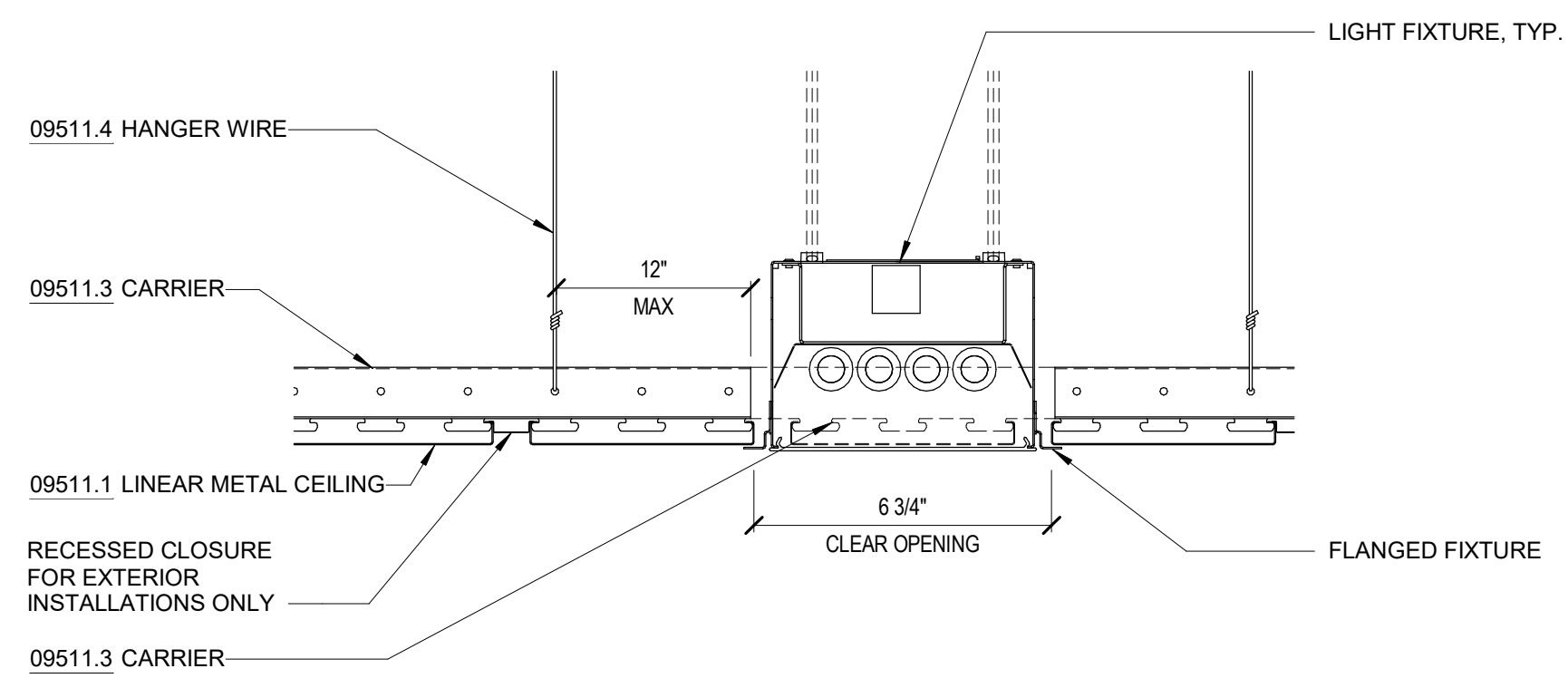
3 TYPICAL DETAIL - LINEAR METAL CEILING ACCESS PANEL

A1-503 SCALE: 3" = 1'-0"



4 LINEAR METAL CEILING SECTION

A1-503 SCALE: 3" = 1'-0"



5 TYPICAL DETAIL - RECESSED LIGHT FIXTURE IN LINEAR METAL CEILING

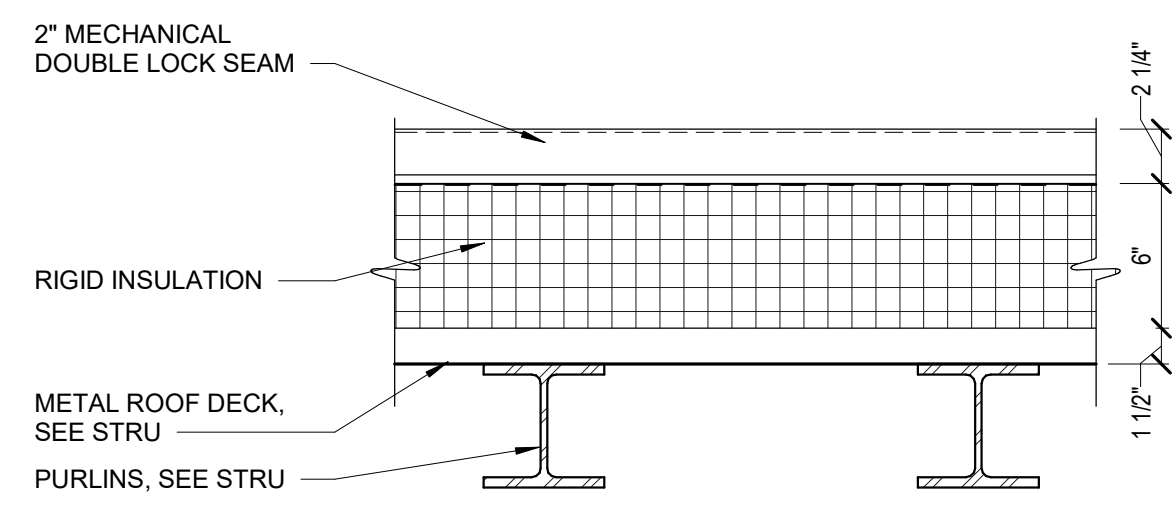
A1-503 SCALE: 3" = 1'-0"

NOTES - DETAILS

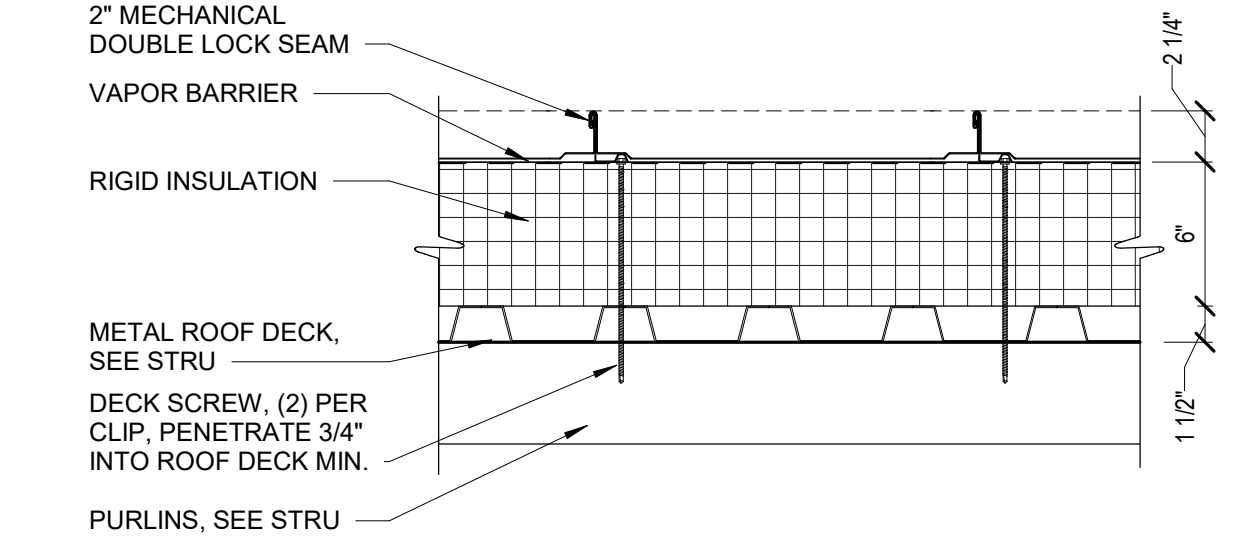
DIVISION 4	04051.1	GROUT SOLID	
	04400.1	STONE VENEER	4" FULL VENEER LIMESTONE
	04400.2	WEEP HOLE	PLASTIC RECTANGULAR WEEP HOLES
	04400.3	MORTAR NET	
DIVISION 5	05400.1	3-5/8" METAL STUD	3-5/8" METAL STUD, 16" O.C.
	05400.2	6" METAL STUD	6" METAL STUD, 16" O.C.
	05400.3	2-1/2" MTL STUD	2-1/2" METAL STUD, 16" O.C.
	05400.4	8" METAL STUD	8" METAL STUD, 16" O.C.
DIVISION 6	06160.1	<varies>	5/8" GLASS MAT SHEATHING, FASTENED TO METAL STUDS
	06640.1	1/2" PVC PANEL	TONGUE AND GROOVE, RIB REINFORCED, 1/2" THICK PVC WALL PANEL
	06640.2	PVC BASE TRIM	PVC TRIM PIECES BY WALL PANEL MANUFACTURER, COLOR TO MATCH WALL PANEL
DIVISION 7	07111.1	DAMP PROOFING	BITUMINOUS DAMPPROOFING, APPLIED TO CONCRETE FOUNDATION
	07210.1	BATT INSULATION	RECYCLED GLASS FIBER INSULATION BATTS, R-13 MIN.
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	07221.1	6" RIGID INSULATION	6" RIGID XPS INSULATION, R-5 PER INCH MIN., MECHANICALLY FASTENED TO METAL ROOF DECK
	07271.1	AIR & VAPOR BARRIER	ADHERED TO GLASS MAT SHEATHING
	07460.1	FIBER CEMENT PANEL	5/16" (8MM) THROUGH COLOR FIBER CEMENT WALL PANEL
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	07620.3	FLASHING	
	07900.1	SEALANT	
	07900.2	CAULK	
	07900.3	BACKER ROD	
DIVISION 8	08110.1	H.M. DOOR AND FRAME	EXTERIOR GALVANIZED STEEL DOOR AND FRAME, PAINTED TO MATCH FIBER CEMENT PANEL COLOR
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DIVISION 9	09206.1	METAL FURRING	
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	09206.7	HAT CHANNEL	7/8" METAL HAT CHANNEL
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	09250.5	STEEL ROD	1/4" DIA. GALVANIZED STEEL ROD, SPACING NOT TO EXCEED 4'-0" OC
	09511.1	LINEAR METAL CEILING	LINEAR METAL CEILING, 6" PLANKS, ATTACHED TO PURLINS
	09511.2	LINEAR METAL PLANK	LINEAR METAL CEILING, 6" PLANKS, ATTACHED TO PURLINS
	09511.3	CARRIER	LINEAR METAL CEILING MANUFACTURER'S STANDARD CEILING ATTACHMENT, ATTACHED TO PURLINS
	09511.4	HANGER WIRE	12 GA HANGER WIRE, 48" O.C. MAX
	09511.5	CROSS TEE	1 1/2" HIGH, 2'-0" OC
	09511.6	CARRIER SPLICE	CARRIER SPLICE WITH FIELD-FLATTENED LANCE, TYPICAL

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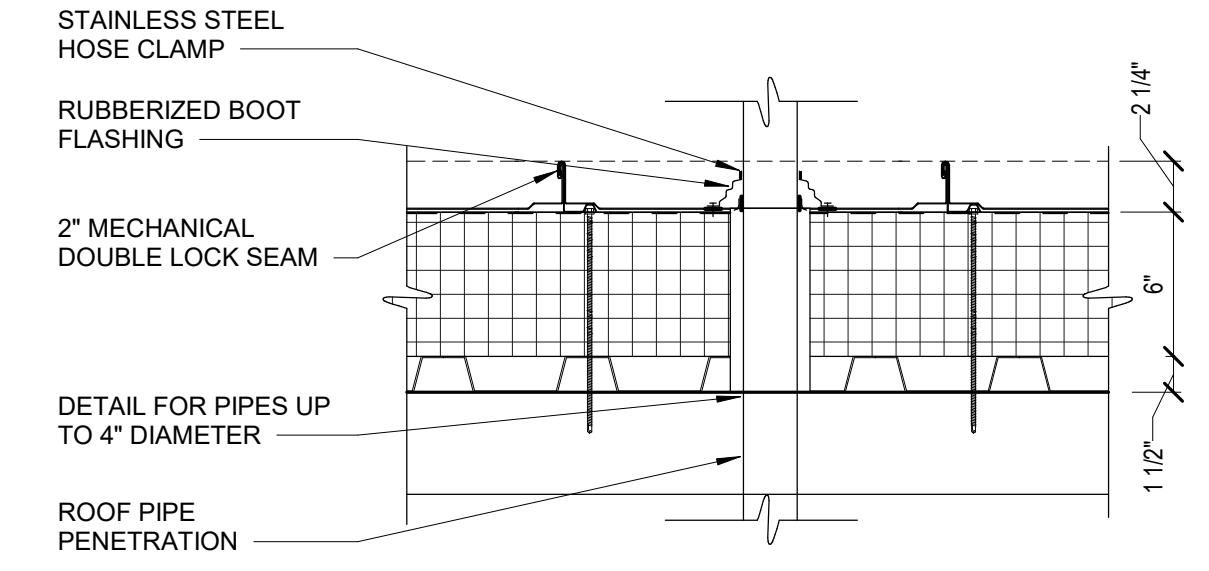
<p>20 W 22nd St, Suite 901 New York, NY 10010 P 212.242.3735</p>						<p>NEW YORK CITY ENVIRONMENTAL PROTECTION BUREAU OF WATER SUPPLY 465 COLUMBUS AVENUE, SUITE 270 VALHALLA, NEW YORK 10595-1336 www.nyc.gov/dcp</p>		<p>BID SET</p> <p>GRAPHIC SCALES CHECK BEFORE USE</p> <p>IF SHEET IS LESS THAN 22"x34" IT IS A REDUCED PRINT. SCALE ACCORDINGLY.</p>		<p>WATERFOWL MANAGEMENT PROGRAM BUILDING AND PAVING MOUNT PLEASANT, NEW YORK ARCHITECTURAL METAL CEILING DETAILS</p> <p>DATE: JANUARY 2023 SCALE: SHEET NO: 63 OF No. 80 DRAWING NO. A1-503</p>	
DESIGNED BY:	J. HYUN	DRAWN BY:	S. KINARD	ACCOUNTABLE MANAGER:	JOSE NIEVES	<p>"WARNING-IT IS A VIOLATION, OF THE NEW YORK STATE EDUCATION LAW, SECTION, 7209.2, FOR ANY PERSON, UNLESS (S)HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT IN ANY WAY. IF ALTERED, THE ALTERING PERSON SHALL COMPLY WITH THE REQUIREMENTS OF NEW YORK EDUCATION, LAW, SECTION, 7209.2."</p>		<p>NO. DATE REVISIONS/DESCRIPTION APPRD</p>		<p>All inquiries regarding this drawing(s) or project should be made to NYC Environmental Protection, Bureau of Engineering Design and Construction.</p>	
CHECKED BY:	E. CLAASSEN	DESIGN LEAD:	EDWARD BARBOE, P.E.	PORTFOLIO MANAGER:	MARK DELBALZO, P.E.						



1 STANDING SEAM METAL ROOF, TYP
A1-504 SCALE: 1 1/2" = 1'-0"

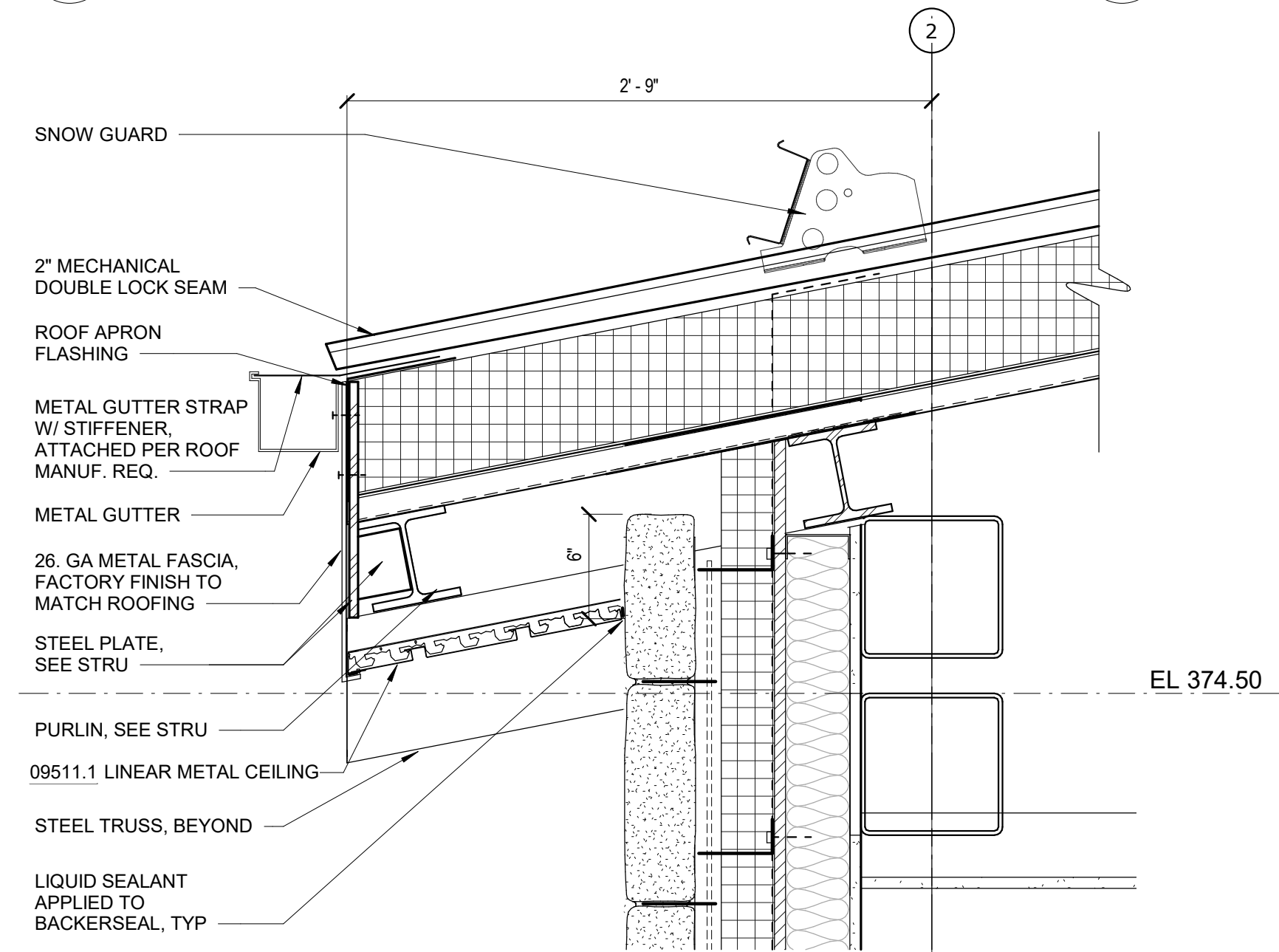


2 STANDING SEAM METAL ROOF, TYP
A1-504 SCALE: 1 1/2" = 1'-0"

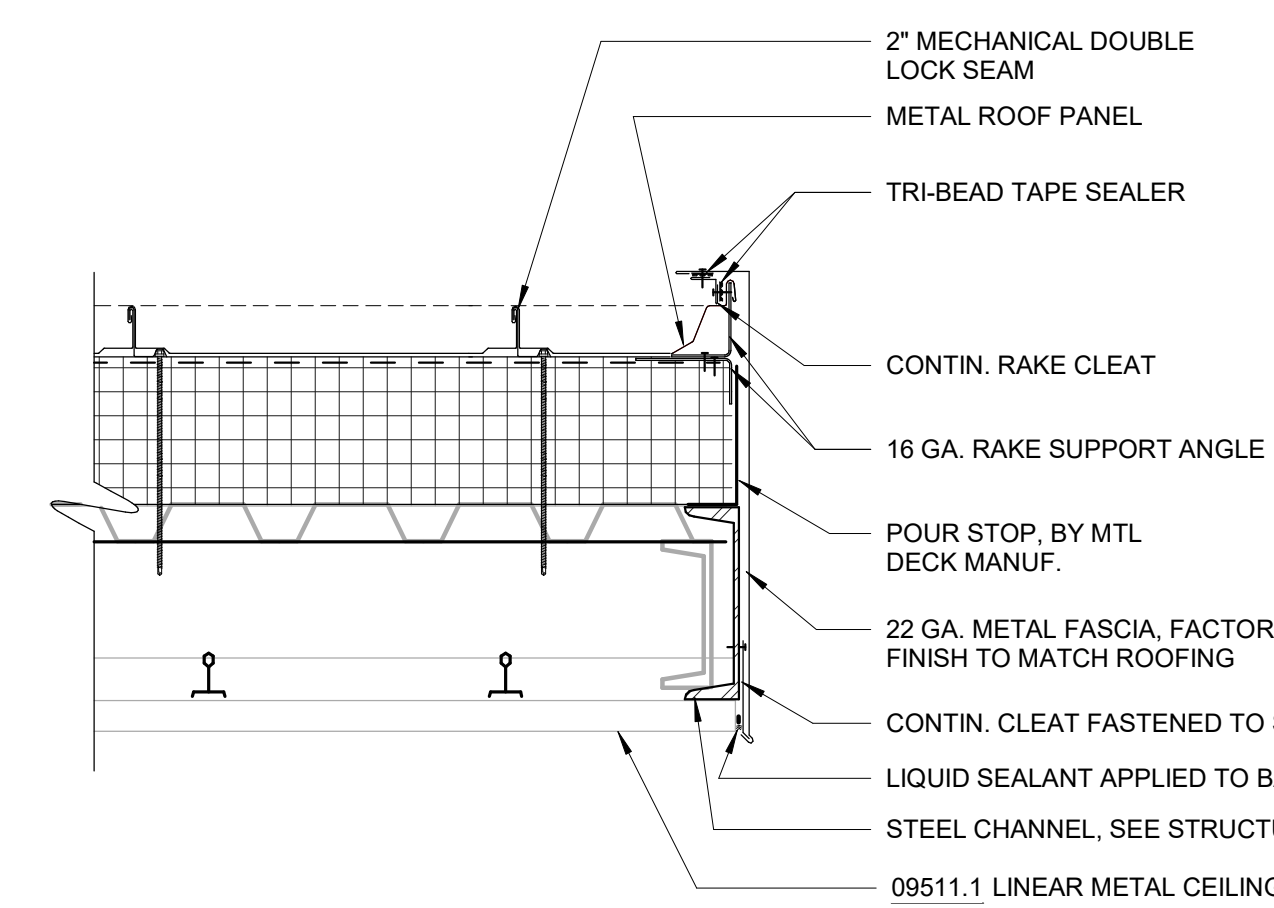


3 ROOF PENETRATION DETAIL
A1-504 SCALE: 1 1/2" = 1'-0"

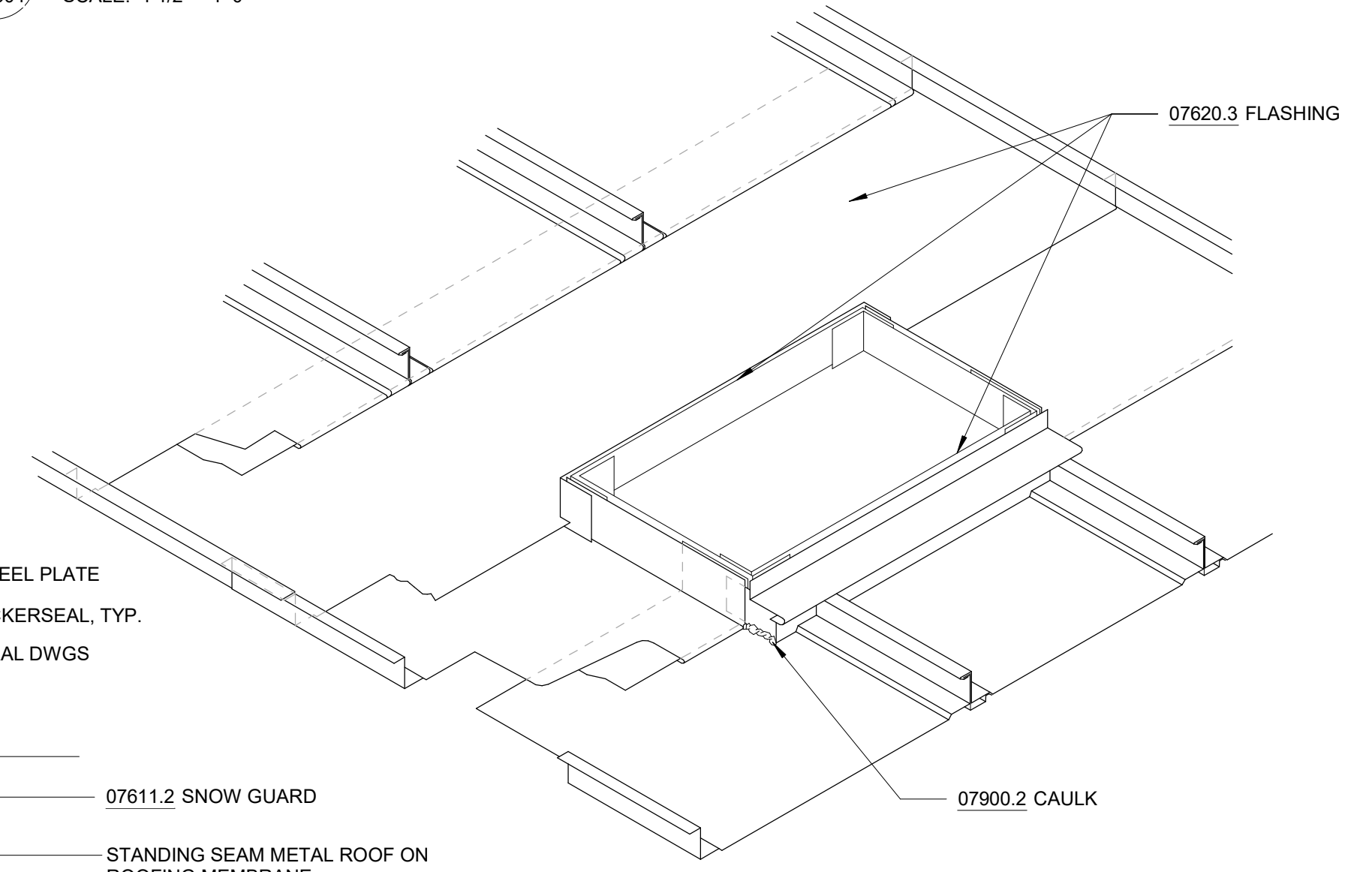
NOTES:
1. CUT PANEL 1" SMALLER THAN PENETRATION. BACK CUT TABS, FOLD TABS UP AROUND PENETRATION AND CAULK.
2. CUT HOLE TO ALLOW FOR THERMAL MOVEMENT IF PANEL IS 30" - 0" OR LONGER
3. IF PIPE IS METAL, MUST BE PAINTED TO AVOID RUST RUNOFF ON PANEL



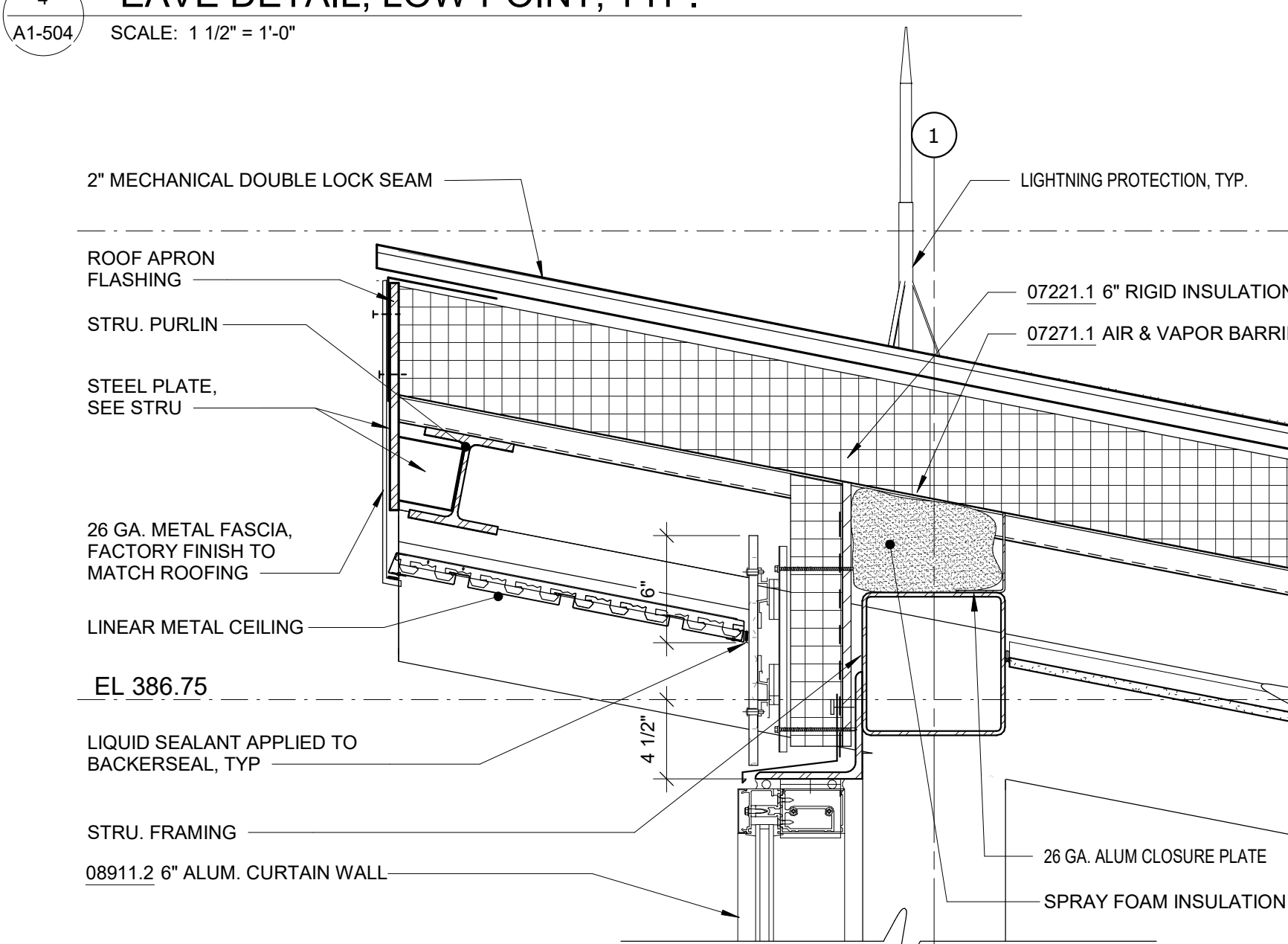
4 EAVE DETAIL, LOW POINT, TYP.
A1-504 SCALE: 1 1/2" = 1'-0"



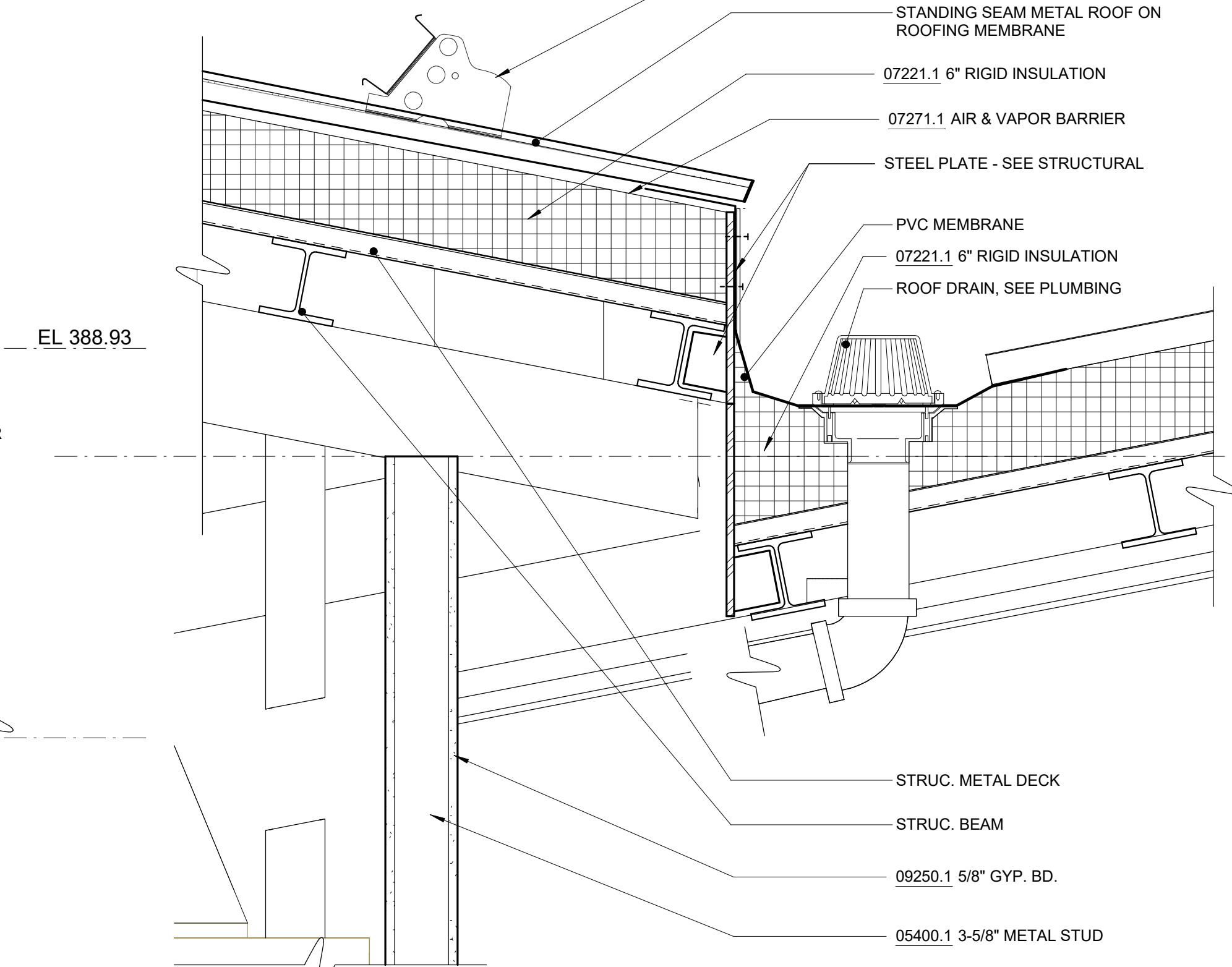
5 RAKE DETAIL, TYP.
A1-504 SCALE: 1 1/2" = 1'-0"



8 ROOF PENETRATION, SQUARE
A1-504 SCALE: 1 1/2" = 1'-0"



6 EAVE DETAIL, HIGH POINT, TYP.
A1-504 SCALE: 1 1/2" = 1'-0"



7 SECT DETAIL - LOW ROOF TO HIGH ROOF
A1-504 SCALE: 1 1/2" = 1'-0"

NOTES - DETAILS

DIVISION 4		
04051.1	GROUT SOLID	
04400.1	STONE VENEER	4" FULL VENEER LIMESTONE
04400.2	WEEP HOLE	PLASTIC RECTANGULAR WEEP HOLES
04400.3	MORTAR NET	
DIVISION 5		
05400.1	3-5/8" METAL STUD	3-5/8" METAL STUD, 16" O.C.
05400.2	6" METAL STUD	6" METAL STUD, 16" O.C.
05400.3	2-1/2" MTL STUD	2-1/2" METAL STUD, 16" O.C.
05400.4	8" METAL STUD	8" METAL STUD, 16" O.C.
DIVISION 6		
06160.1	<varies>	5/8" GLASS MAT SHEATHING, FASTENED TO METAL STUDS
06640.1	1/2" PVC PANEL	TONGUE AND GROOVE, RIB REINFORCED, 1/2" THICK PVC WALL PANEL
06640.2	PVC BASE TRIM	PVC TRIM PIECES BY WALL PANEL MANUFACTURER, COLOR TO MATCH WALL PANEL
DIVISION 7		
07111.1	DAMP PROOFING	BITUMINOUS DAMPPROOFING, APPLIED TO CONCRETE FOUNDATION
07210.1	BATT INSULATION	RECYCLED GLASS FIBER INSULATION BATTS, R-13 MIN.
07210.2	3" RIGID INSULATION	3" RIGID XPS INSULATION, R-5 PER INCH MIN., MECHANICALLY FASTENED TO GLASS MAT SHEATHING
07221.1	6" RIGID INSULATION	6" RIGID XPS INSULATION, R-5 PER INCH MIN., MECHANICALLY FASTENED TO METAL ROOF DECK
07271.1	AIR & VAPOR BARRIER	ADHERED TO GLASS MAT SHEATHING
07460.1	FIBER CEMENT PANEL	5/16" (6MM) THROUGH COLOR FIBER CEMENT WALL PANEL
07460.2	RAINSCREEN ATTACHMENT SYSTEM	THERMALLY ISOLATED EXPOSED FASTENER RAINSCREEN ATTACHMENT SYSTEM
07460.3	VERTICAL CHANNEL	1/2" VERTICAL HAT CHANNEL @ 16" O.C.
07611.1	STANDING SEAM ROOF	22 GA. MIN. GALVALUME MECHANICALLY SEALED DOUBLE LOCK ROOF
07611.2	SNOW GUARD	MECHANICALLY ATTACHED ALUMINUM SNOW GUARDS, COLOR TO MATCH ROOFING
07620.1	FLASHING	COPPER THRU-WALL FLASHING
07620.2	FLASHING	
07620.3	FLASHING	
07900.1	SEALANT	
07900.2	CAULK	
07900.3	BACKER ROD	
DIVISION 8		
08110.1	H.M. DOOR AND FRAME	EXTERIOR GALVANIZED STEEL DOOR AND FRAME, PAINTED TO MATCH FIBER CEMENT PANEL COLOR
08800.1	GLAZING	1" INSULATED GLASS UNIT WITH BIRD PROTECTION UV STRIPE COATING
08911.1	7-1/2" ALUM. CURTAIN WALL	7-1/2" ALUMINUM FRONT-GLAZED CURTAIN WALL, CLEAR ANODIZED FINISH
08911.2	6" ALUM. CURTAIN WALL	6" ALUMINUM FRONT-GLAZED CURTAIN WALL, CLEAR ANODIZED FINISH
08911.3	BRAKE METAL	FINISH TO MATCH CURTAIN WALL
DIVISION 9		
09206.1	METAL FURRING	
09206.2	METAL FURRING CHANNEL CLIP	
09206.3	1 1/2" STEEL RUNNING CHANNEL	
09206.4	GAT CLIP	4B1.5L CAT. #16.59 SM (OR OTHER APPROVED MEANS)
09206.5	MAIN TEE	24" OC MAX. SHAPE AND DESIGN AS APPROVED (THE RECESSED FIXTURE MAY BE SUPPORTED BY THE MAIN TEES SPACED 2'-0" OR 4'-0" OC)
09206.6	DIRECT HANG CLIP	
09206.7	HAT CHANNEL	7/8" METAL HAT CHANNEL
09250.1	5/8" GYP. BD.	5/8" GYPSUM BOARD, ABUSE RESISTANT
09250.2	TRIM	J TRIM WITH SEALANT BEAD
09250.5	STEEL ROD	1/4" DIA. GALVANIZED STEEL ROD, SPACING NOT TO EXCEED 4'-0" OC
09511.1	LINEAR METAL CEILING	LINEAR METAL CEILING, 6" PLANKS, ATTACHED TO PURLINS
09511.2	LINEAR METAL PLANK	LINEAR METAL CEILING, 6" PLANKS, ATTACHED TO PURLINS
09511.3	CARRIER	LINEAR METAL CEILING MANUFACTURER'S STANDARD CEILING ATTACHMENT, ATTACHED TO PURLINS
09511.4	HANGER WIRE	12 GA HANGER WIRE, 48" O.C. MAX
09511.5	CROSS TEE	1 1/2" HIGH, 2'-0" OC
09511.6	CARRIER SPLICE	CARRIER SPLICE WITH FIELD-FLATTENED LANCE, TYPICAL

GoshowArchitects
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REGISTERED ARCHITECT
ERIC GOSHOW
STATE OF NEW YORK
NYC Environmental Protection

ACCOUNTABLE MANAGER
JOSE NIEVES
PORTFOLIO MANAGER
MARK DELBALZO, P.E.
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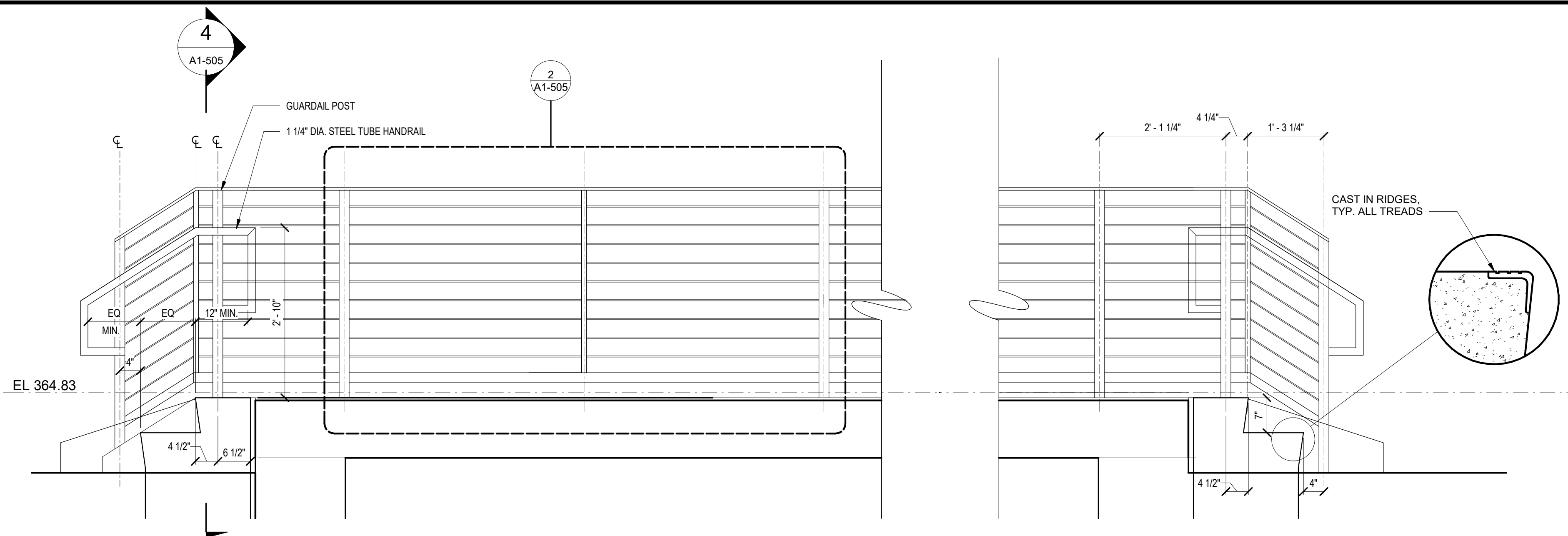
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WATERFOWL MANAGEMENT PROGRAM BUILDING AND PAVING MOUNT PLEASANT, NEW YORK
ARCHITECTURAL ROOF DETAILS

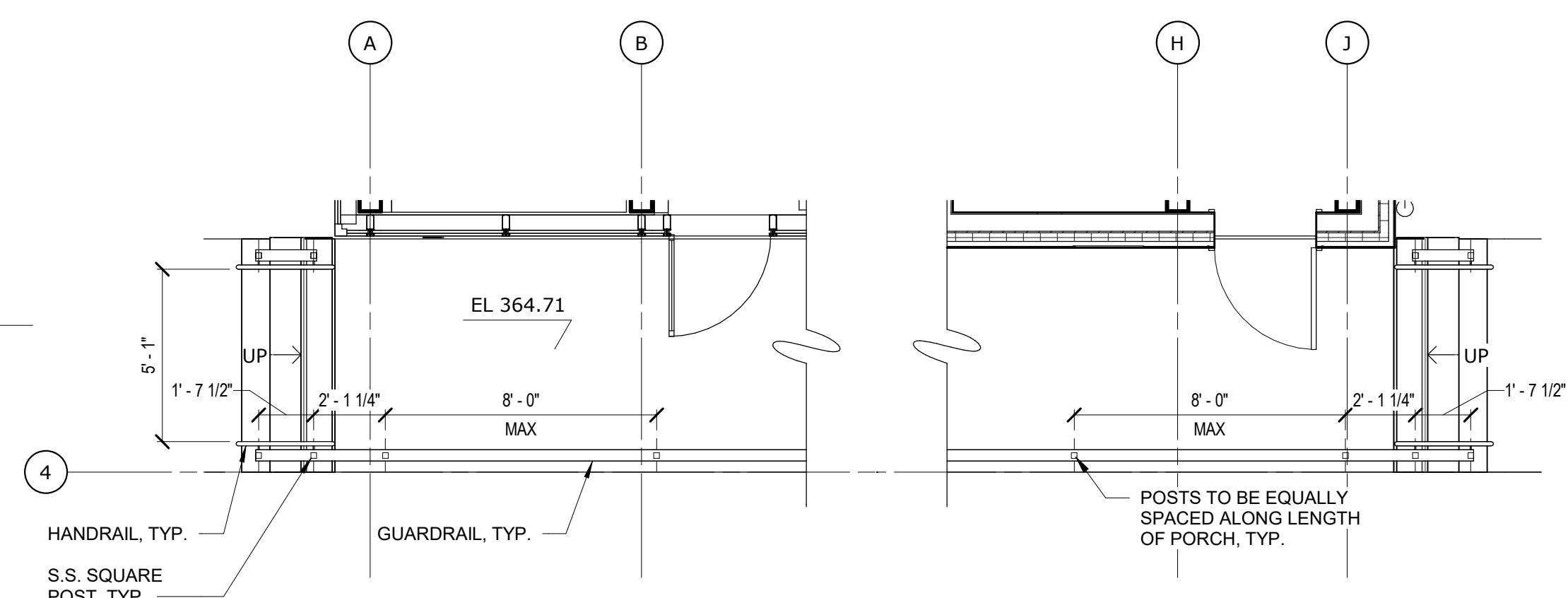
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SCALE:
SHEET NO: 64 OF No. 80
DRAWING NO. A1-504

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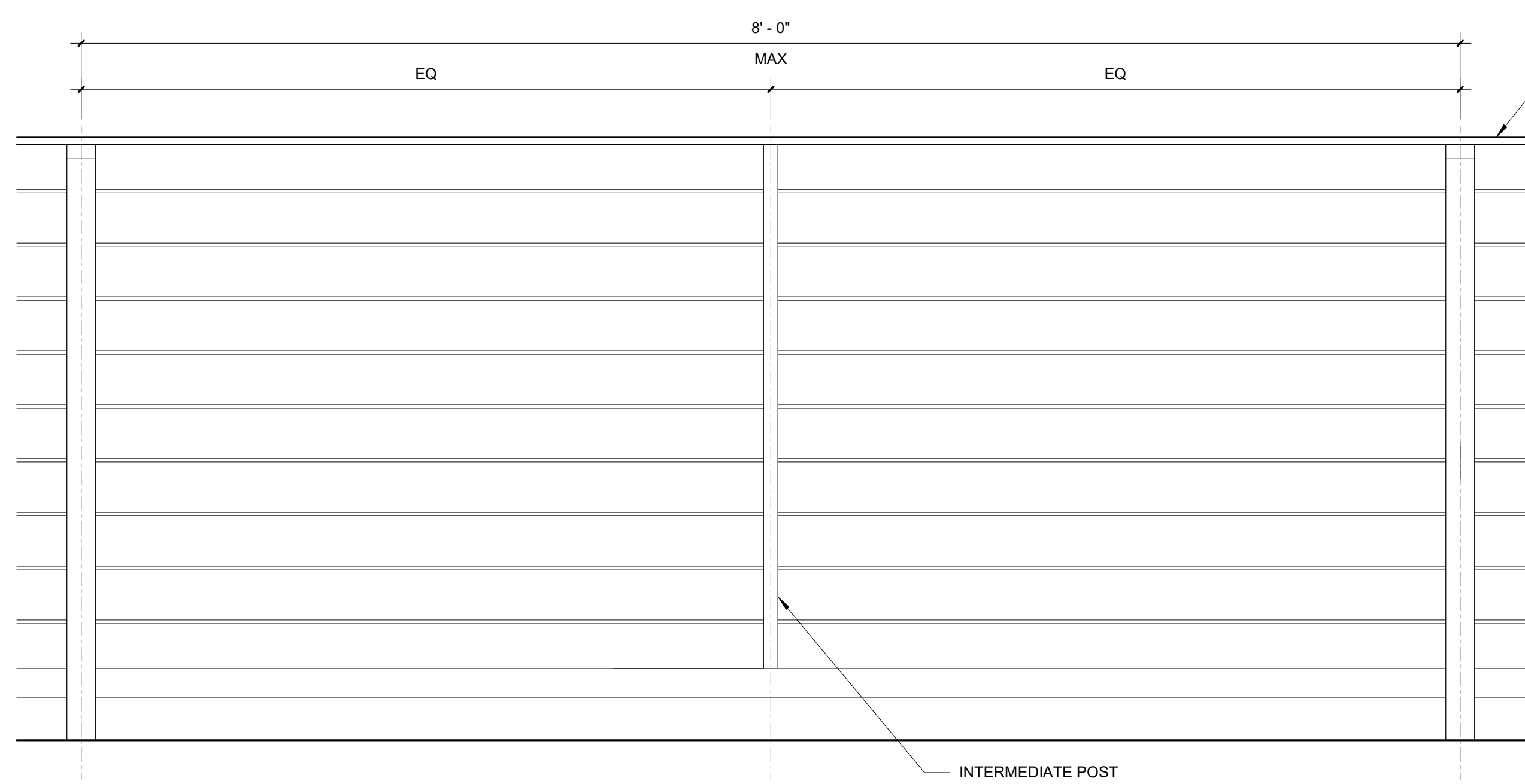
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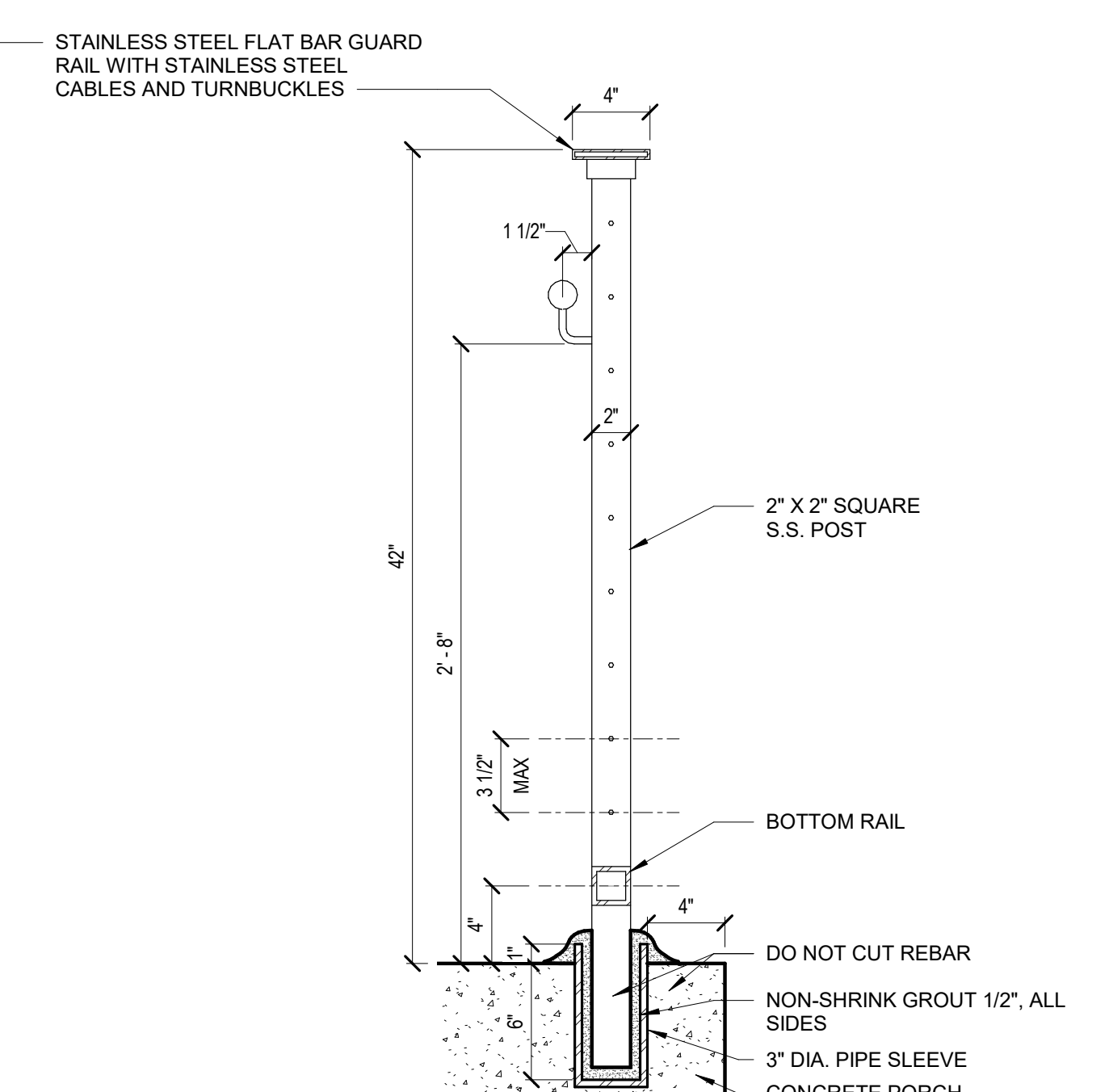
1 ELEVATION - PORCH RAILING
SCALE: 3/4" = 1'-0"



3 STAIR AND PORCH PLAN
SCALE: 1/4" = 1'-0"



2 ELEVATION - TYP. GUARDRAIL
SCALE: 1 1/2" = 1'-0"



4 SECTION - TYP. HANDRAIL AND GUARDRAIL
SCALE: 1 1/2" = 1'-0"

Autodesk Docs://09290-02A_CAT-423 WFO-02A Waterfowl Mgmt Program/09290-02A_A_VFB.rvt
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DESIGNED BY: J. HYUN	DRAWN BY: S. KINARD
CHECKED BY: E. CLAASSEN	DESIGN LEAD: EDWARD BARBOE, P.E.

Hazen



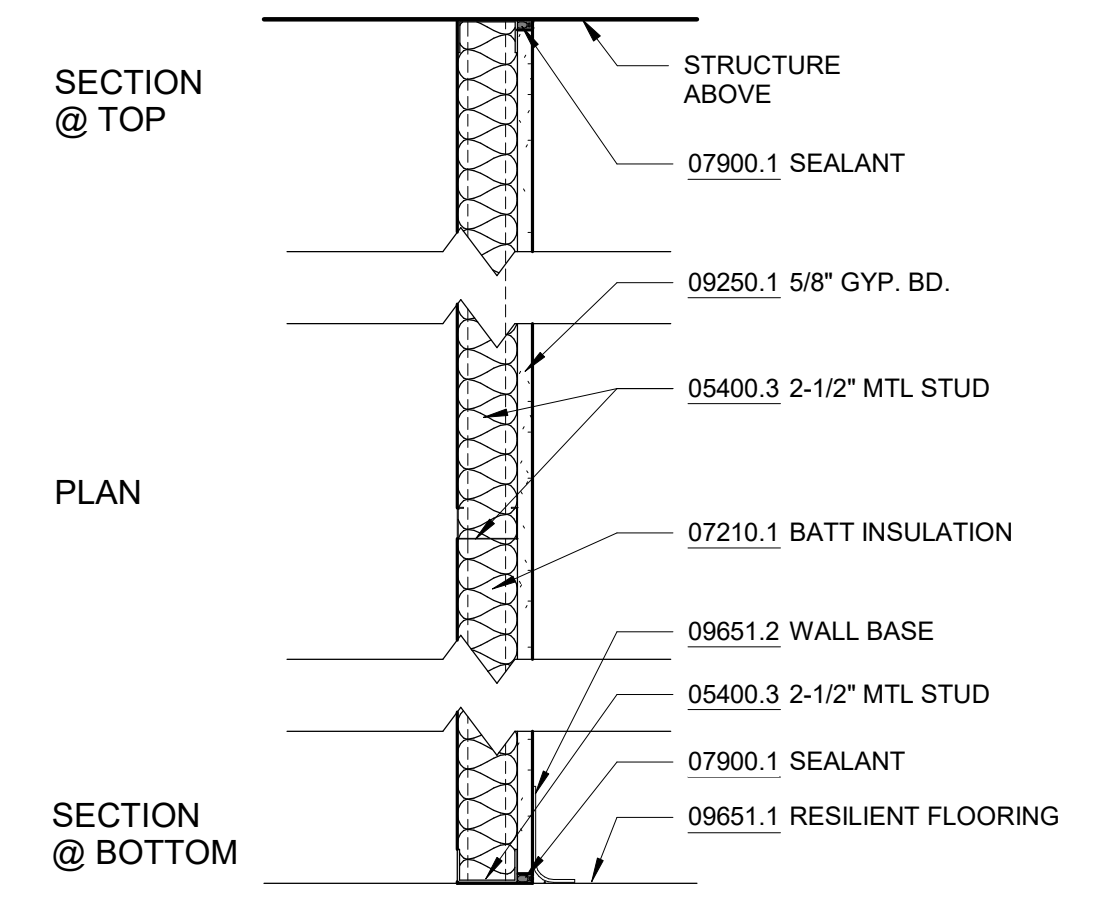
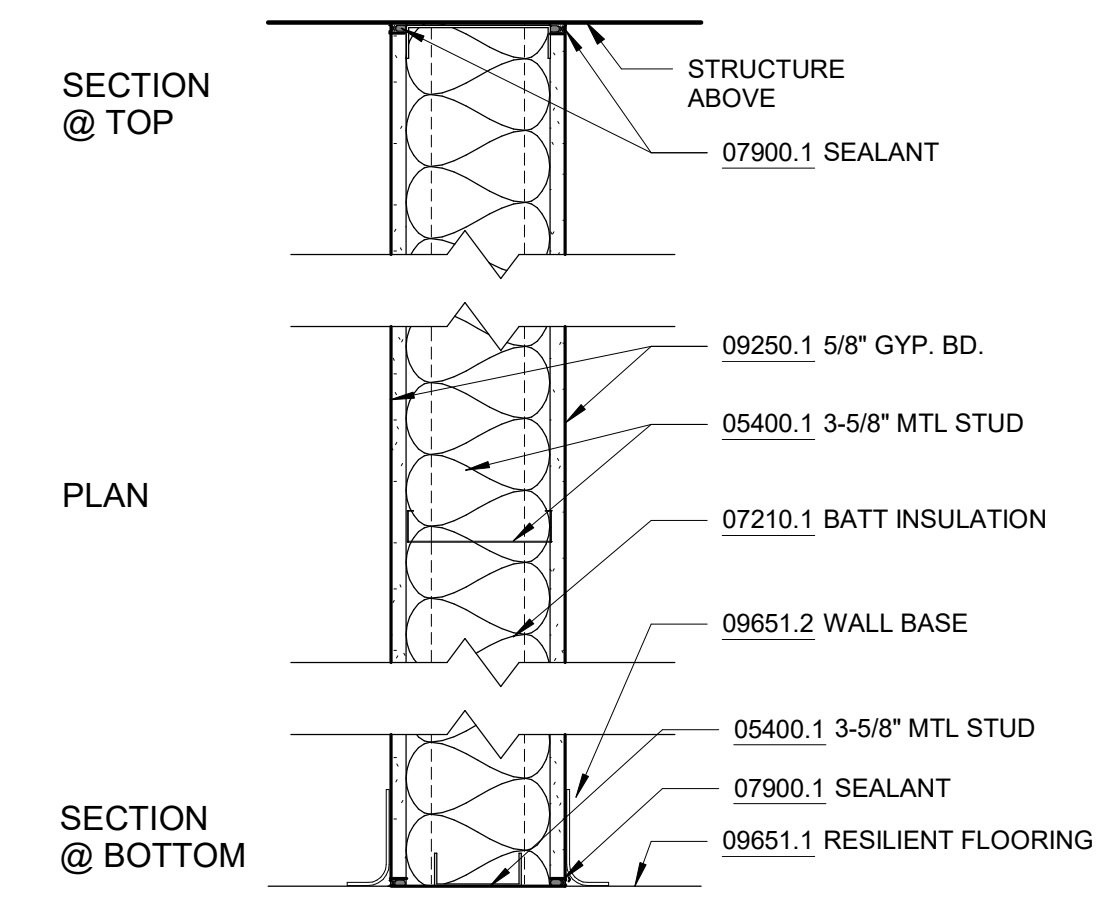
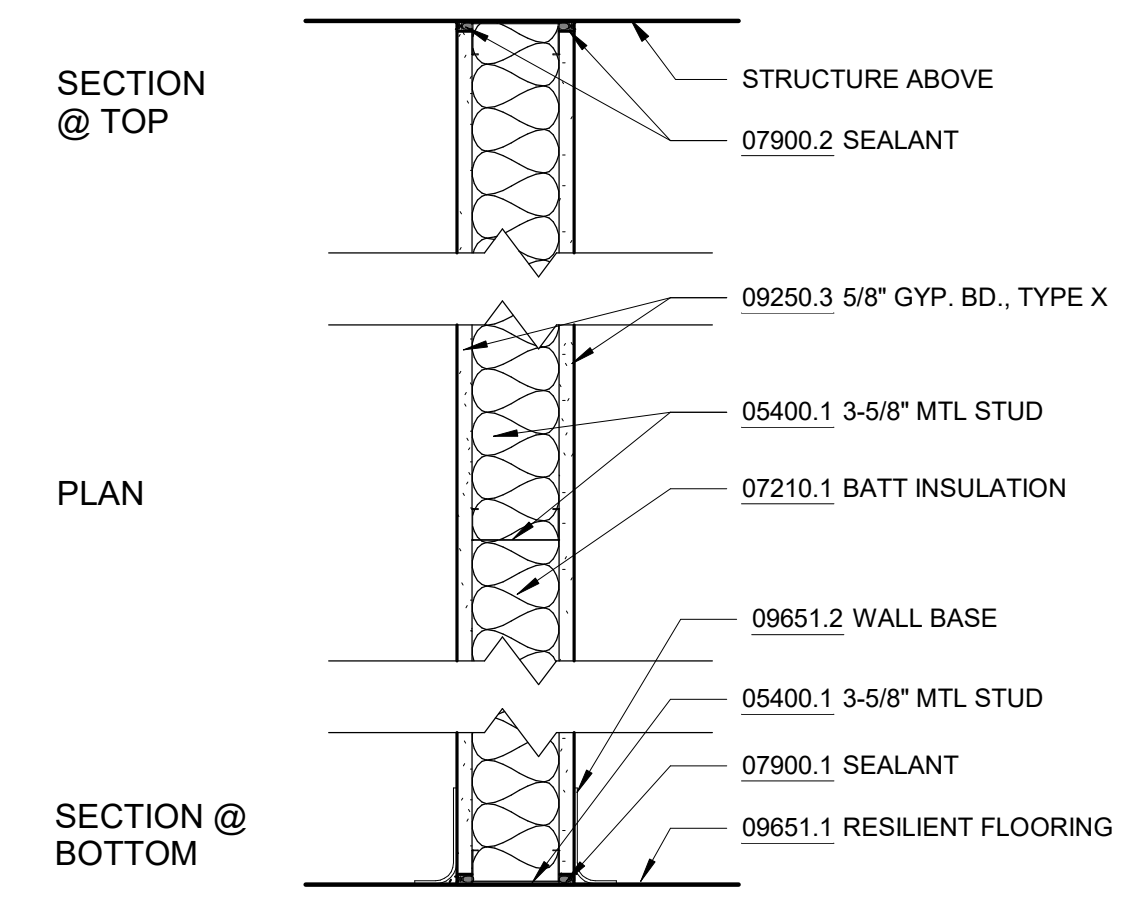
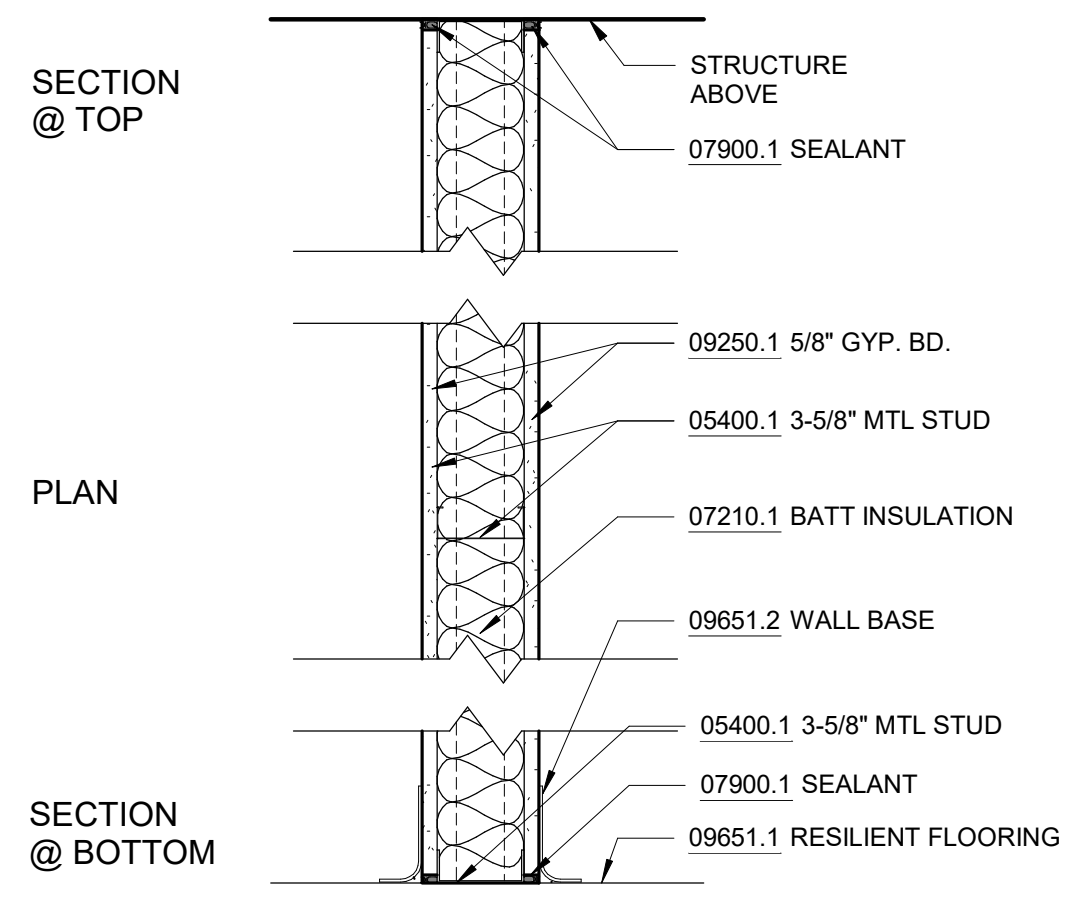
ACCOUNTABLE MANAGER
JOSE NIEVES
PORTFOLIO MANAGER
MARK DELBALZO, P.E.

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WATERFOWL MANAGEMENT PROGRAM BUILDING AND PAVING MOUNT PLEASANT, NEW YORK ARCHITECTURAL STAIR AND PORCH DETAILS	DATE: JANUARY 2023
	SCALE:
	SHEET NO: 65 OF No. 80
	DRAWING NO. A1-505

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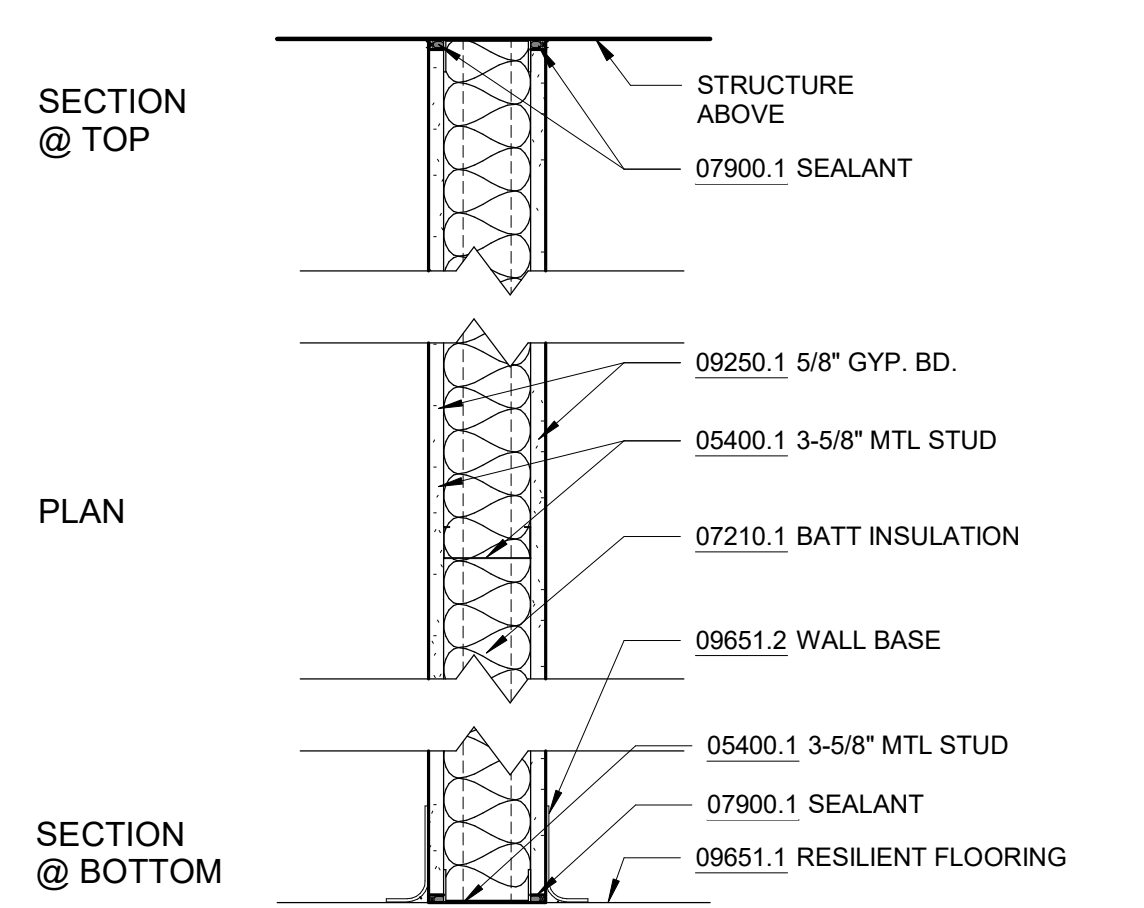
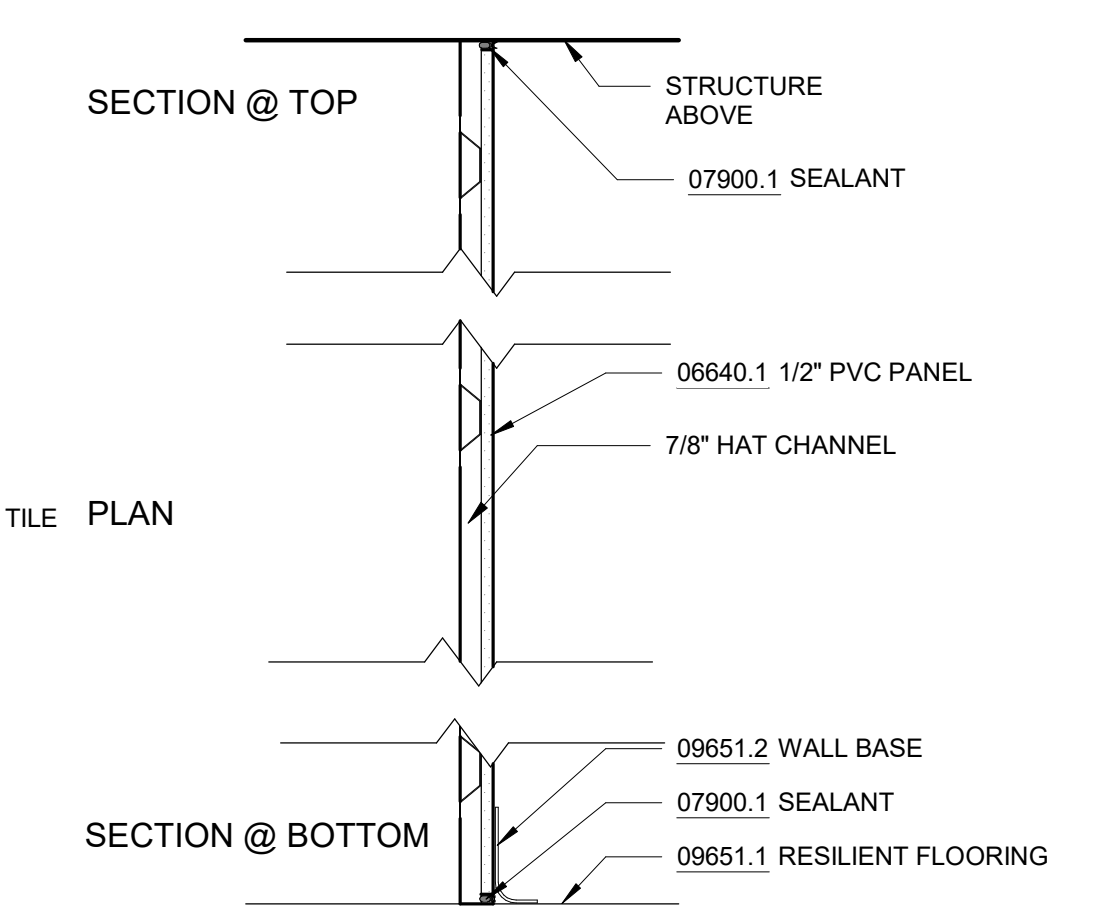
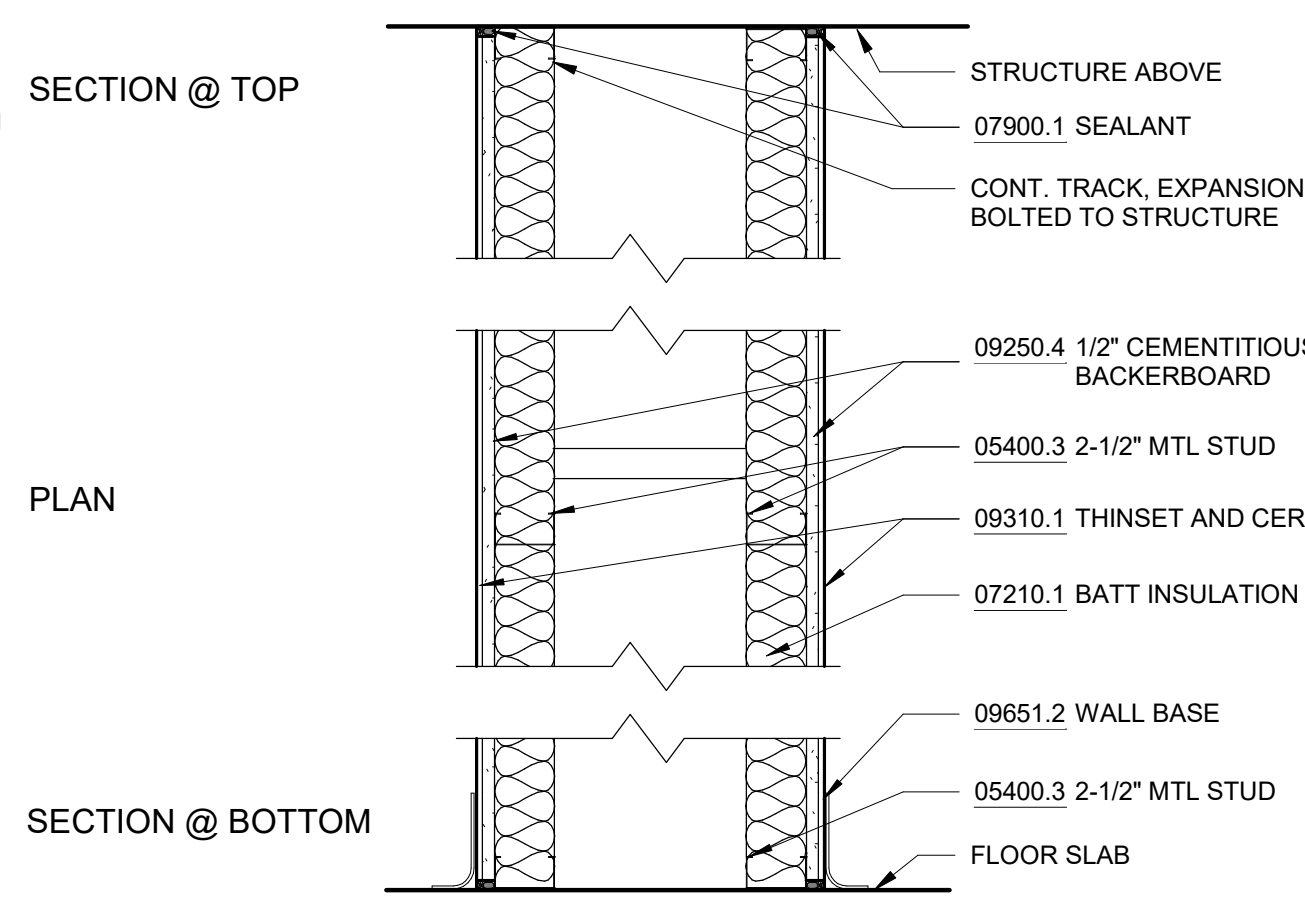


NOTES - DETAILS		
DIVISION 4	04051.1 GROUT SOLID 04400.1 STONE VENEER 04400.2 WEEP HOLE 04400.3 MORTAR NET	4" FULL VENEER LIMESTONE PLASTIC RECTANGULAR WEEP HOLES
DIVISION 5	05400.1 3-5/8" METAL STUD 05400.2 6" METAL STUD 05400.3 2-1/2" METAL STUD 05400.4 8" METAL STUD	3-5/8" METAL STUD, 16" O.C. 6" METAL STUD, 16" O.C. 2-1/2" METAL STUD, 16" O.C. 8" METAL STUD, 16" O.C.
DIVISION 6	06160.1 <varies> 06640.1 1/2" PVC PANEL 06640.2 PVC BASE TRIM	5/8" GLASS MAT SHEATHING, FASTENED TO METAL STUDS TONGUE AND GROOVE, RIB REINFORCED, 1/2" THICK PVC WALL PANEL PVC TRIM PIECES BY WALL PANEL MANUFACTURER, COLOR TO MATCH WALL PANEL
DIVISION 7	07111.1 DAMPPROOFING 07210.1 BATT INSULATION 07210.2 3" RIGID INSULATION 07221.1 6" RIGID INSULATION 07271.1 AIR & VAPOR BARRIER 07460.1 FIBER CEMENT PANEL 07460.2 RAINTHREAT ATTACHMENT SYSTEM 07460.3 VERTICAL CHANNEL 07611.1 STANDING SEAM ROOF 07611.2 SNOW GUARD 07620.1 FLASHING 07620.2 FLASHING 07620.3 FLASHING 07900.1 SEALANT 07900.2 CAULK 07900.3 BACKER ROD	BITUMINOUS DAMPPROOFING, APPLIED TO CONCRETE FOUNDATION RECYCLED GLASS FIBER INSULATION BATTS, R-13 MIN. 3" RIGID XPS INSULATION, R-5 PER INCH MIN., MECHANICALLY FASTENED TO METAL ROOF DECK 6" RIGID XPS INSULATION, R-5 PER INCH MIN., MECHANICALLY FASTENED TO METAL ROOF DECK ADHERED TO GLASS MAT SHEATHING 5/16" (8MM) THROUGH COLOR FIBER CEMENT WALL PANEL THERMALLY ISOLATED EXPOSED FASTENER RAINTHREAT ATTACHMENT SYSTEM 1/2" VERTICAL HAT CHANNEL @ 16" O.C. 22 GA. MIN. GALVALUME MECHANICALLY SEAMED DOUBLE LOCK ROOF MECHANICALLY ATTACHED ALUMINUM SNOW GUARDS, COLOR TO MATCH ROOFING COPPER THRU-WALL FLASHING
DIVISION 8	08110.1 H.M. DOOR AND FRAME 08800.1 GLAZING 08911.1 7-1/2" ALUM. CURTAIN WALL 08911.2 6" ALUM. CURTAIN WALL 08911.3 BRAKE METAL	EXTERIOR GALVANIZED STEEL DOOR AND FRAME, PAINTED TO MATCH FIBER CEMENT PANEL COLOR 1" INSULATED GLASS UNIT WITH BIRD PROTECTION UV STRIPE COATING 7-1/2" ALUMINUM FRONT-GLAZED CURTAIN WALL, CLEAR ANODIZED FINISH 6" ALUMINUM FRONT-GLAZED CURTAIN WALL, CLEAR ANODIZED FINISH FINISH TO MATCH CURTAIN WALL
DIVISION 9	09206.1 METAL FURRING 09206.2 METAL FURRING CHANNEL CLIP 09206.3 1 1/2" STEEL RUNNING CHANNEL 09206.4 GAT CLIP 09206.5 MAIN TEE 09206.6 DIRECT HANG CLIP 09206.7 HAT CHANNEL 09250.1 5/8" GYP. BD. 09250.2 TRIM 09250.5 STEEL ROD 09511.1 LINEAR METAL CEILING 09511.2 LINEAR METAL PLANK 09511.3 CARRIER 09511.4 HANGER WIRE 09511.5 CROSS TEE 09511.6 CARRIER SPLICE	4B1.5L CAT. #16.59 SM (OR OTHER APPROVED MEANS) 24" OC MAX., SHAPE AND DESIGN AS APPROVED (THE RECESSED FIXTURE MAY BE SUPPORTED BY THE MAIN TEES SPACED 2'-0" OR 4'-0" OC) 7/8" METAL HAT CHANNEL 5/8" GYPSUM BOARD, ABUSE RESISTANT J TRIM WITH SEALANT BEAD 1/4" DIA. GALVANIZED STEEL ROD, SPACING NOT TO EXCEED 4'-0" OC LINEAR METAL CEILING, 6" PLANKS, ATTACHED TO PURLINS LINEAR METAL CEILING, 6" PLANKS, ATTACHED TO PURLINS LINEAR METAL CEILING MANUFACTURER'S STANDARD CEILING ATTACHMENT, ATTACHED TO PURLINS 12 GA HANGER WIRE, 48" O.C. MAX 1 1/2" HIGH, 2'-0" OC CARRIER SPLICE WITH FIELD-FLATTENED LANCE, TYPICAL

- 1** 3 5/8" MTL STUD NON-RATED
SCALE: 1 1/2" = 1'-0"
- 1A** 3 5/8" MTL STUD NON-RATED: PAINT/TILE
INSTALL 1/2" CEMENTITIOUS BACKBOARD AND TILE IN LIEU OF GYPSUM ON WET SIDE OF PARTITION
- 1B** 3 5/8" MTL STUD NON-RATED: TILE/TILE
INSTALL 1/2" CEMENTITIOUS BACKBOARD AND TILE IN LIEU OF GYPSUM ON BOTH SIDES OF PARTITION
- 1C** 3 5/8" MTL STUD NON-RATED: PVC/TILE
INSTALL 1/2" CEMENTITIOUS BACKBOARD AND TILE IN LIEU OF GYPSUM ON BATHROOM SIDE OF PARTITION, AND 1/2" PVC PANEL IN LIEU OF GYPSUM BOARD ON BOATWASH SIDE OF PARTITION
- 1D** 3 5/8" MTL STUD NON-RATED: PVC/GYP
INSTALL 1/2" PVC PANEL IN LIEU OF GYPSUM BOARD ON BOATWASH SIDE OF PARTITION.
- 1E** 3 5/8" MTL STUD NON-RATED: PVC/PVC
INSTALL 1/2" PVC PANEL IN LIEU OF GYPSUM BOARD ON BOTH SIDES OF PARTITION.

- 2** 3 5/8" MTL STUD 1 HR
SCALE: 1 1/2" = 1'-0" UL # U419
- 2A** 3 5/8" MTL STUD 1 HR: PAINT/TILE
INSTALL 1/2" CEMENTITIOUS BACKBOARD AND TILE IN LIEU OF GYPSUM ON WET SIDE OF PARTITION

- 3** 6" MTL STUD NON-RATED
SCALE: 1 1/2" = 1'-0"
- 4** 2 1/2" MTL STUD NON-RATED
SCALE: 1 1/2" = 1'-0"
- 4A** 2 1/2" MTL STUD NON-RATED: TILE
INSTALL 1/2" CEMENTITIOUS BACKBOARD AND TILE IN LIEU OF GYPSUM ON WET SIDE OF PARTITION
- 4B** 2 1/2" MTL STUD NON-RATED: PVC PANEL



- 5** 2 1/2" MTL STUD CHASE
SCALE: 1 1/2" = 1'-0"

- 6** 7/8" HAT CHANNEL W/ PVC
SCALE: 1 1/2" = 1'-0"

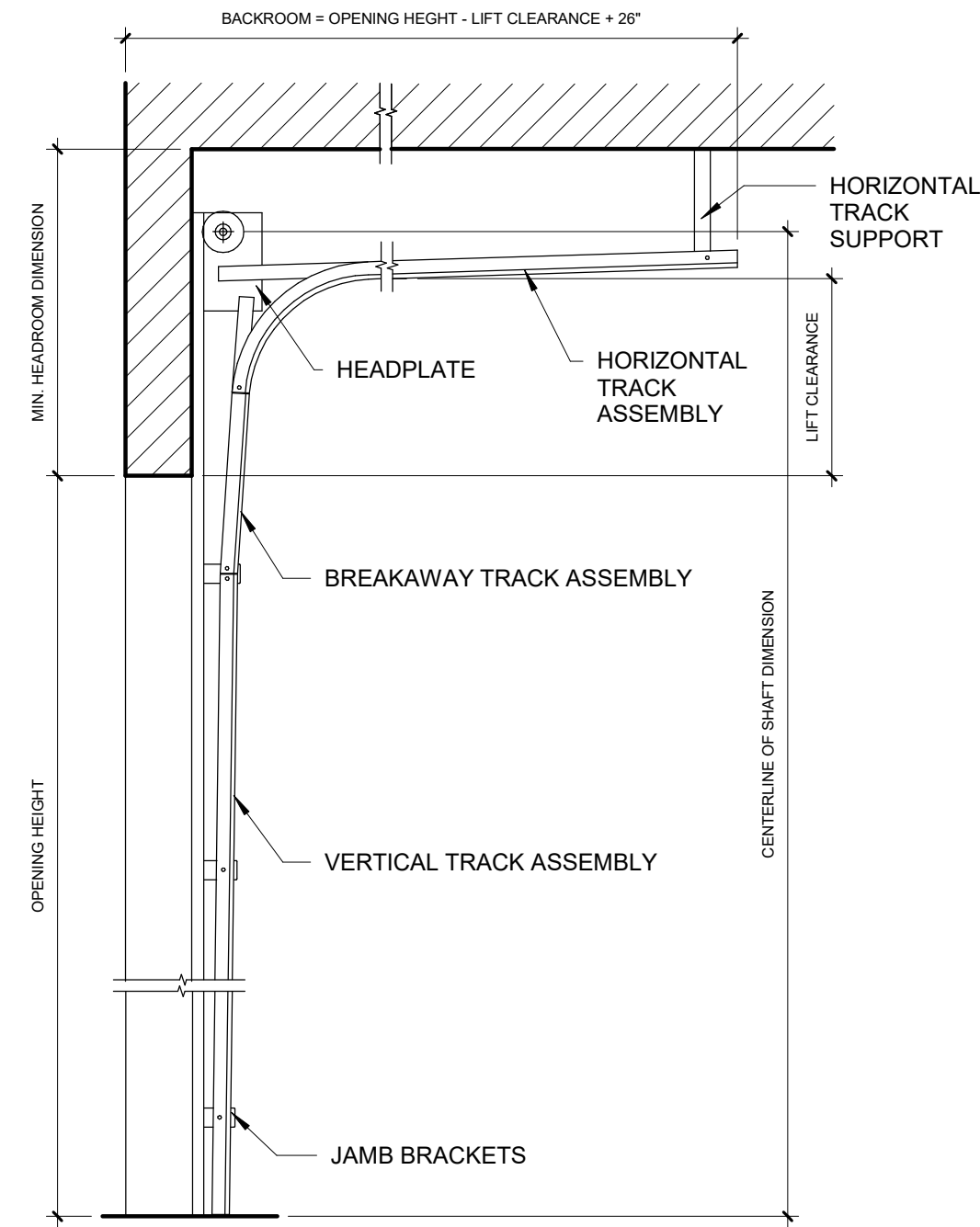
- 7** 4" MTL STUD NON RATED
SCALE: 1 1/2" = 1'-0"
- 7A** 4" MTL STUD NON-RATED: PVC/PVC
INSTALL 1/2" PVC PANEL IN LIEU OF GYPSUM BOARD ON BOTH SIDES OF PARTITION.

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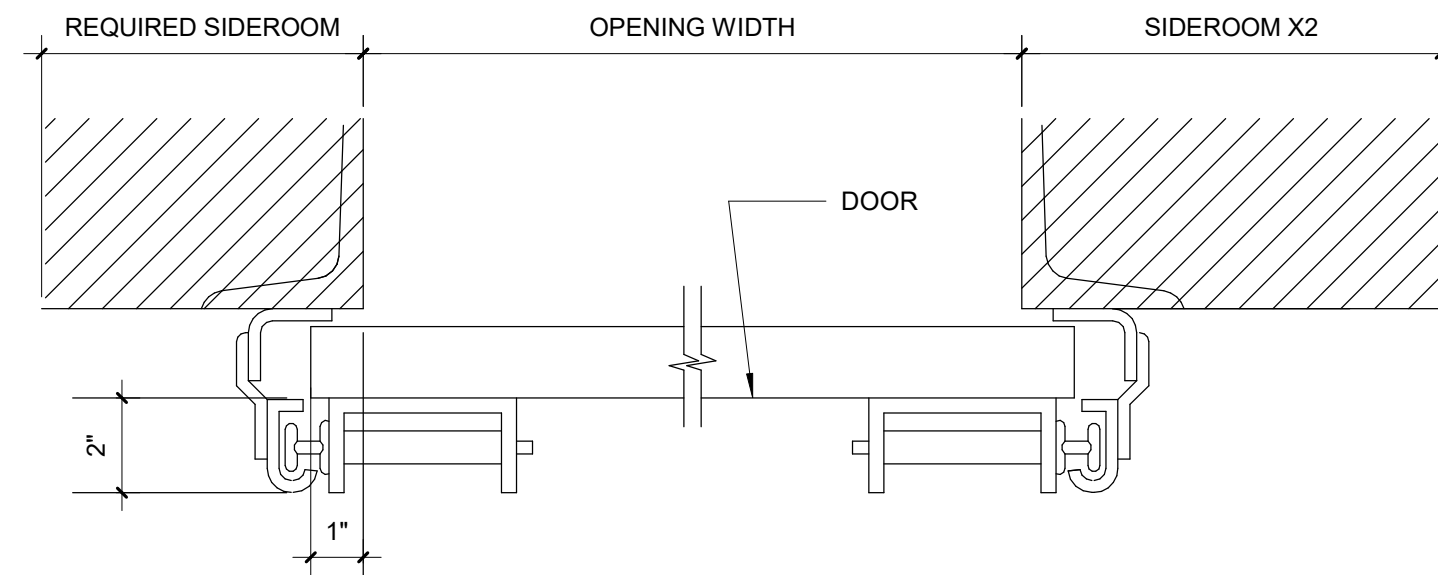
 20 W 22nd St, Suite 901 New York, NY 10010 P 212.242.3735		 ACCOUNTABLE MANAGER JOSE NIEVES PORTFOLIO MANAGER MARK DELBALZO, P.E.		"WARNING-IT IS A VIOLATION, OF THE NEW YORK STATE EDUCATION LAW, SECTION. 7209.2, FOR ANY PERSON, UNLESS (S)HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT IN ANY WAY. IF ALTERED, THE ALTERING PERSON SHALL COMPLY WITH THE REQUIREMENTS OF NEW YORK EDUCATION, LAW, SECTION. 7209.2."		NEW YORK CITY ENVIRONMENTAL PROTECTION BUREAU OF WATER SUPPLY 465 COLUMBUS AVENUE, SUITE 270 VALHALLA, NEW YORK 10595-1336 www.nyc.gov/dcp		BID SET GRAPHIC SCALES CHECK BEFORE USE IF SHEET IS LESS THAN 22"x34" IT IS A REDUCED PRINT. SCALE ACCORDINGLY		WATERFOWL MANAGEMENT PROGRAM BUILDING AND PAVING MOUNT PLEASANT, NEW YORK ARCHITECTURAL PARTITION TYPES DATE: JANUARY 2023 SCALE: SHEET NO: 66 OF No. 80 DRAWING NO. A1-506	
NO.	DATE	REVISIONS/DESCRIPTION	APPRD								

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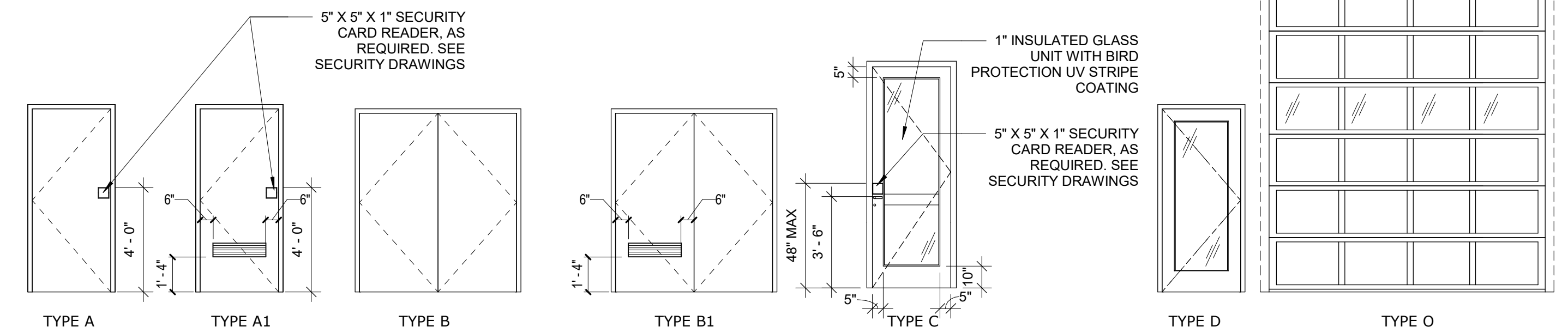
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				TYPE	WIDTH	HEIGHT	FINISH	GLAZING TYPE	TYPE	MATERIAL			FINISH	HEAD	JAMB		THRESHOLD
100-1	100	VESTIBULE	R	ALUM/GLASS	3' - 0"		CLEAR	1" INSULATED	-	ALUM	CLEAR	-				7/A1-507	SEE STOREFRONT DETAILS ON A1-508
100-2	100	VESTIBULE	R	ALUM/GLASS	3' - 0"		CLEAR	1" INSULATED	-	ALUM	CLEAR	-				7/ A1-507	SEE STOREFRONT DETAILS ON A1-508
102	102	SWING OFFICES	R	ALUM/GLASS	3' - 0"		CLEAR	1" INSULATED	-	ALUM	CLEAR	-				6/A1-507	SEE STOREFRONT DETAILS ON A1-508
105-1	105	MUD ROOM	A	HM	3' - 0"	7' - 0"	PNT	-	WELD	STL	PNT	-		2/A1-507	2/A1-507	7/A1-507	
105-2	105	MUD ROOM	D	ALUM/GLASS	3' - 0"	7' - 2"	CLEAR	1/4"	WELD	STL	CLEAR	-		2/A1-507	2/A1-507	7/A1-507	
105-3	105B	PPE ROOM	A	HM	3' - 0"	7' - 0"	PNT	-	WELD	STL	PNT	-		2/A1-507	2/A1-507		
106	106	PYROTEC STORAGE	A	HM	3' - 0"	7' - 0"	PNT	-	WELD	STL	PNT	3/4 HR		2/A1-507	2/A1-507	6/A1-507	
107	107	UNISEX RESTROOM	A	HM	3' - 0"	7' - 0"	PNT	-	WELD	STL	PNT	-		2/A1-507	2/A1-507	3/A1-507	
108	108	UNISEX SHOWER	A	HM	3' - 0"	7' - 0"	PNT	-	WELD	STL	PNT	-		2/A1-507	2/A1-507	3/A1-507	
109	109	JAN. CL.	A	HM	2' - 8"	7' - 0"	PNT	-	WELD	STL	PNT	-		2/A1-507	2/A1-507	3/A1-507	
110	110	UNISEX SHOWER	A	HM	3' - 0"	7' - 0"	PNT	-	WELD	STL	PNT	-		2/A1-507	2/A1-507	3/A1-507	
111	111	IT/ELEC	A1	HM	3' - 0"	7' - 0"	PNT	-	WELD	STL	PNT	-		2/A1-507	2/A1-507		PROVIDE (1) 24"W x 6"H LOUVER, CENTERED ON DOOR PANEL.
112-1	112	WORKSHOP	A	HM	3' - 0"	7' - 0"	PNT	-	WELD	STL	PNT	-		2/A1-507	2/A1-507		
112-2	117	BOAT WASH	B	HM	6' - 0"	7' - 0"	PNT	-	WELD	STL	PNT	-		2/A1-507	2/A1-507	8/A1-507	
113-1	113	DEP OFFICES	D	ALUM/GLASS	3' - 0"	7' - 2"	CLEAR	1/4"	WELD	STL	CLEAR	-		2/A1-507	2/A1-507		
113-2	113	DEP OFFICES	R	ALUM/GLASS	3' - 1"		CLEAR	1" INSULATED	WELD	STL	CLEAR	-					SEE STOREFRONT DETAILS ON A1-119
114	114	MECH ROOM	A	HM	3' - 0"	7' - 0"	PNT	-	WELD	STL	PNT	-		2/A1-507	2/A1-507	8/A1-507	
115	115	FUEL STORAGE	B1	HM	6' - 0"	7' - 0"	PNT	-	WELD	STL	PNT	-		2/A1-507	2/A1-507	8/A1-507	PROVIDE (1) 24"W x 6"H LOUVER, CENTERED ON LEFT DOOR PANEL. SEE ELEVATION 1/A1-201.
116	116	OUTDOOR STORAGE	A	HM	3' - 0"	7' - 0"	PNT	-	WELD	STL	PNT	-		2/A1-507	2/A1-507	8/A1-507	
117-1	117	BOAT WASH	A	HM	3' - 0"	7' - 0"	PNT	-	WELD	STL	PNT	-		2/A1-507	2/A1-507	8/A1-507	
117-2	117	BOAT WASH	O	ALUM/GLASS	10' - 0"	15' - 0"	CLEAR	1/4"	-	ALUM	CLEAR	-					SEE OVERHEAD DOOR DETAILS ON A1-506
117-3	117	BOAT WASH	O	ALUM/GLASS	10' - 0"	15' - 0"	CLEAR	1/4"	-	ALUM	CLEAR	-					SEE OVERHEAD DOOR DETAILS ON A1-506



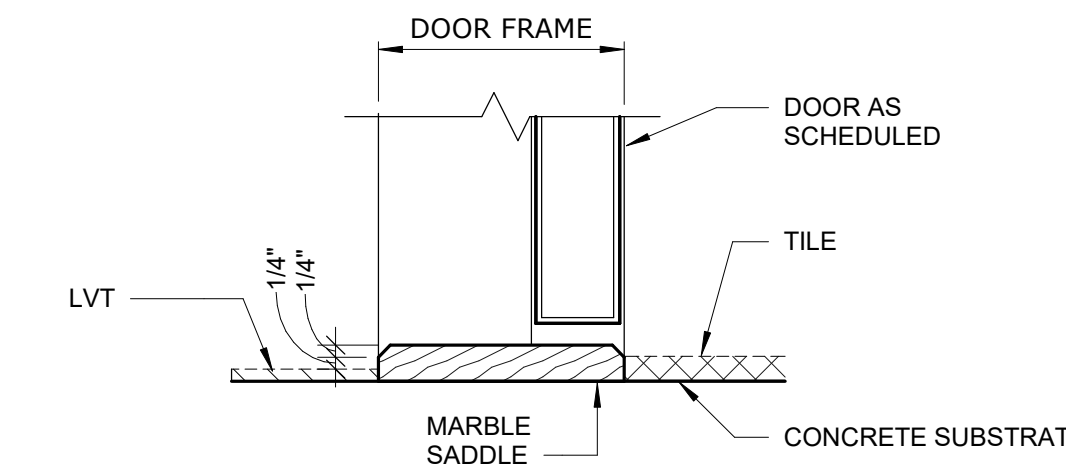
5 LIFT CLEARANCE TRACK
A1-507 SCALE: 3/4" = 1'-0"



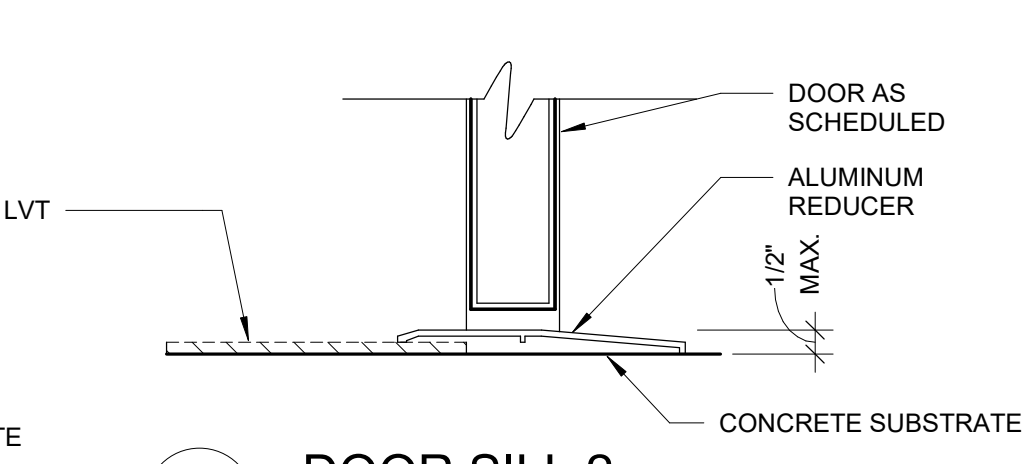
4 OVERHEAD DOOR STEEL JAMB DETAIL
A1-507 SCALE: 3" = 1'-0"



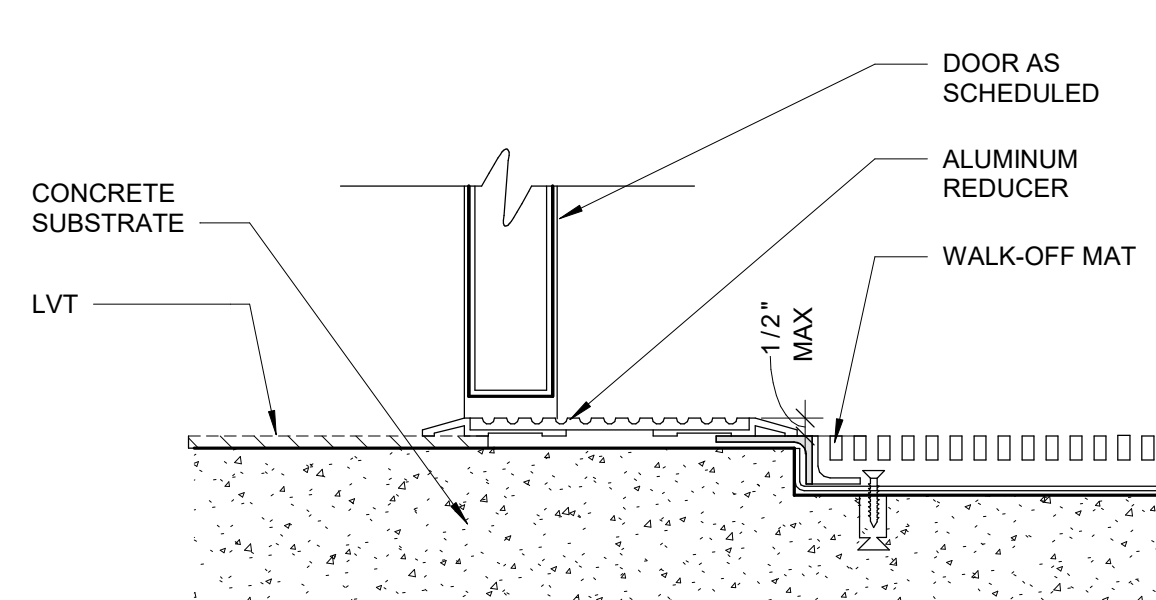
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SCALE: 1/4" = 1'-0"



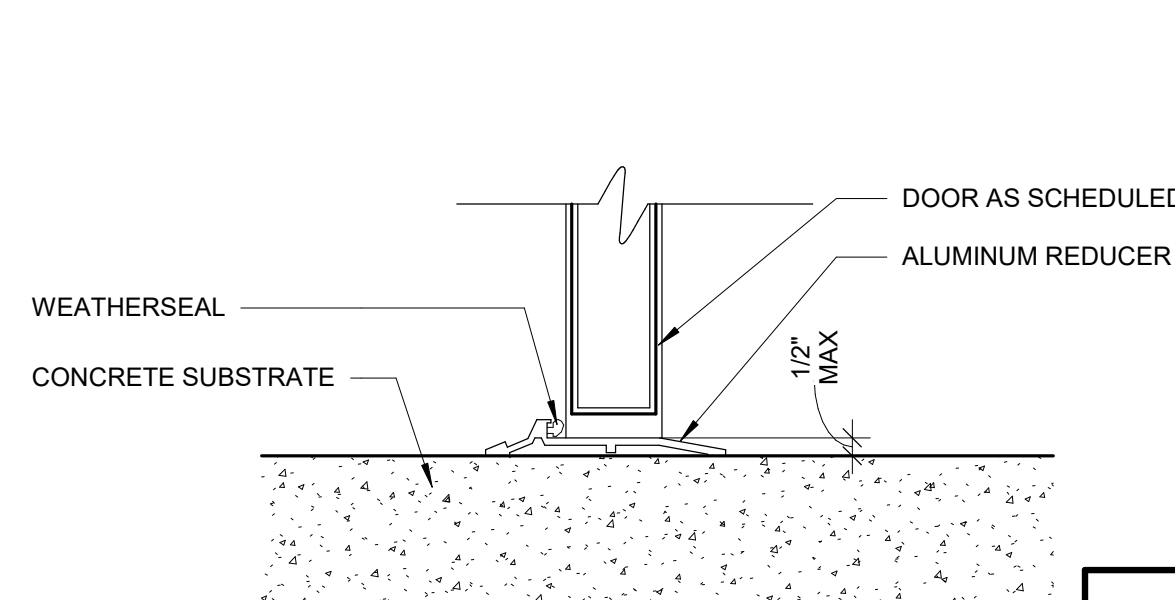
3 DOOR SILL 1
A1-507 SCALE: 3" = 1'-0"



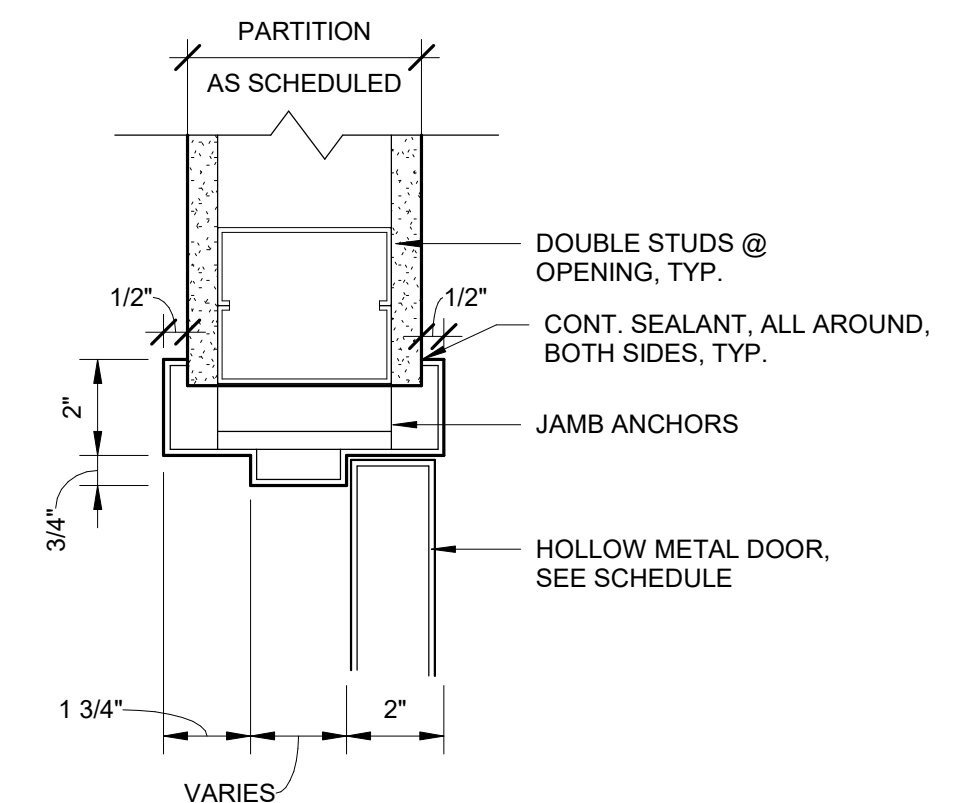
6 DOOR SILL 2
A1-507 SCALE: 3" = 1'-0"



7 DOOR SILL 3
A1-507 SCALE: 3" = 1'-0"



8 DOOR SILL 4
A1-507 SCALE: 3" = 1'-0"



2 DOOR HEAD/JAMB SIM.
SCALE: 3" = 1'-0"

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DRAWN BY: S. KINARD
CHECKED BY: E. CLAASSEN
DESIGN LEAD: EDWARD BARBOE, P.E.

Hazen

REGISTERED ARCHITECT
ERIC GOSHOW
STATE OF NEW YORK

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ACCOUNTABLE MANAGER
JOSE NIEVES
PORTFOLIO MANAGER
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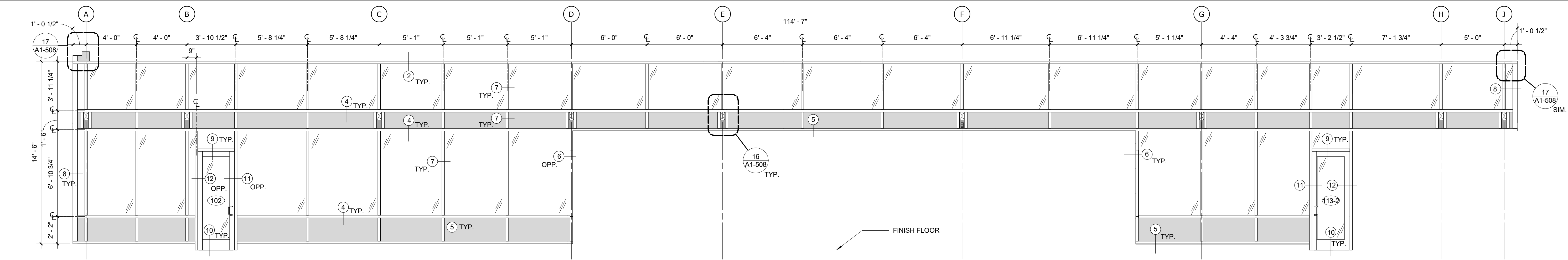
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AND PAVING
MOUNT PLEASANT, NEW YORK

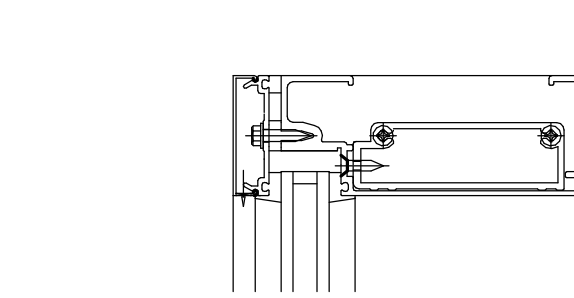
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DOOR SCHEDULE AND DETAILS

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SCALE:
SHEET NO:
67 OF No. 80
DRAWING NO.
A1-507

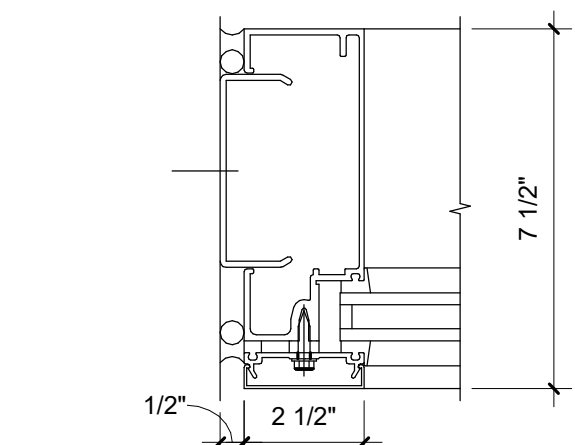
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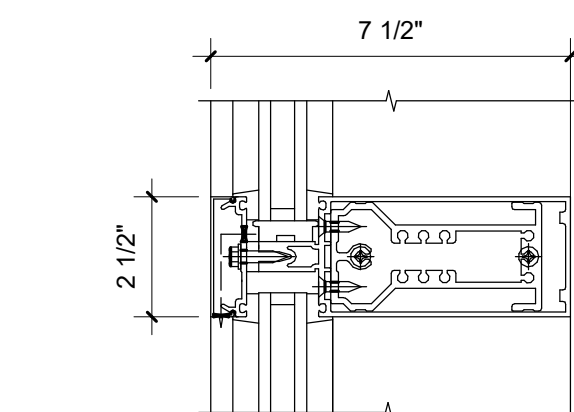
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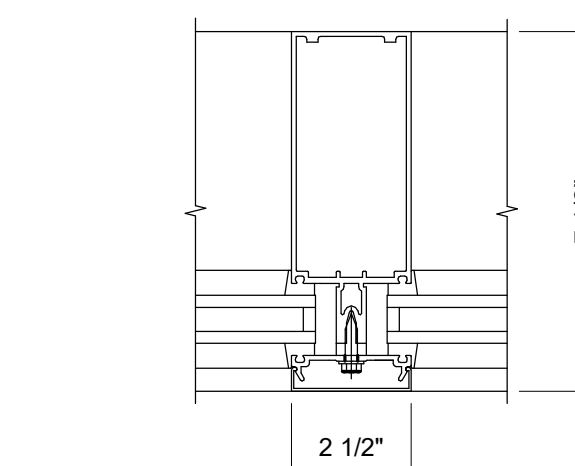
2 HEAD DETAIL
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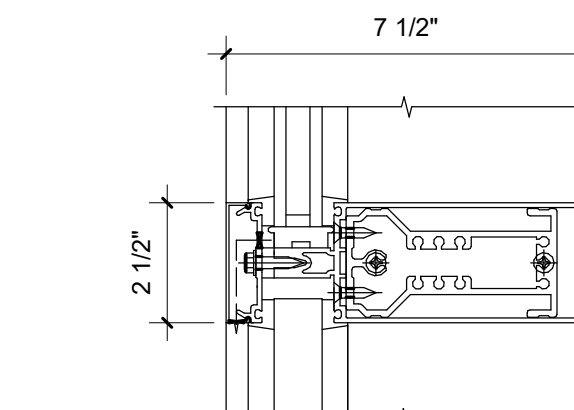
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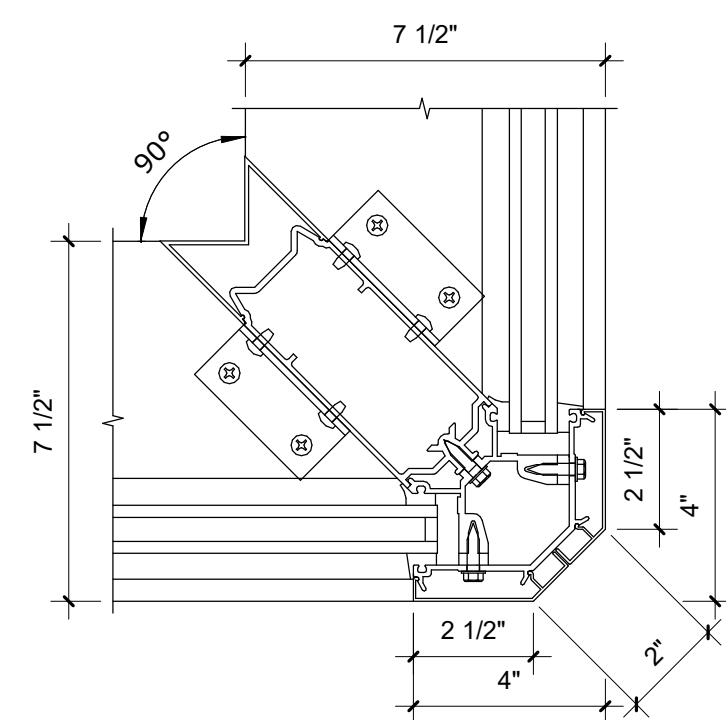
3 HORIZONTAL MULLION
A1-508 SCALE: 3" = 1'-0"



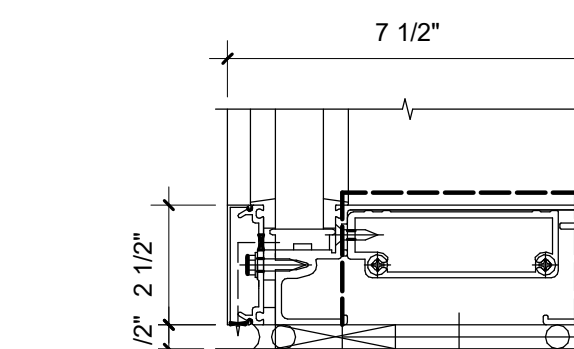
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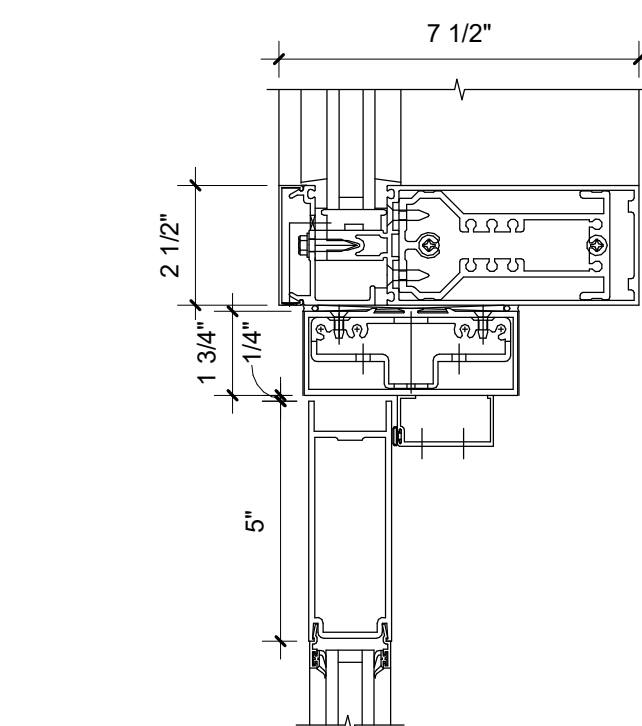
4 HORIZONTAL MULLION @ SPANDREL
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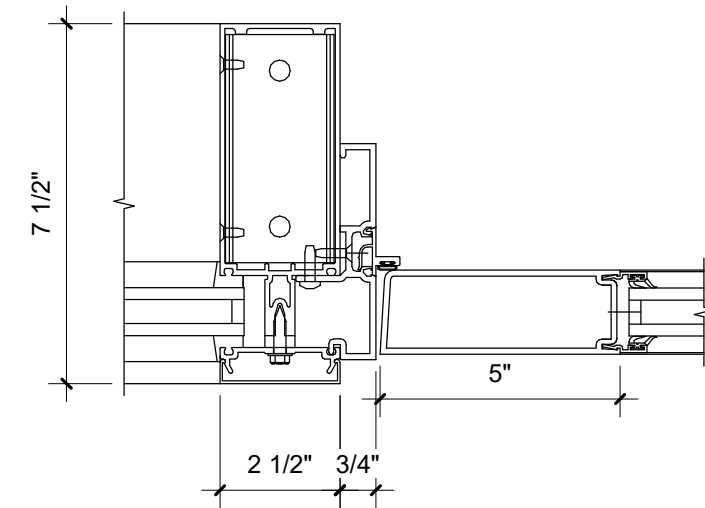
8 CORNER DETAIL
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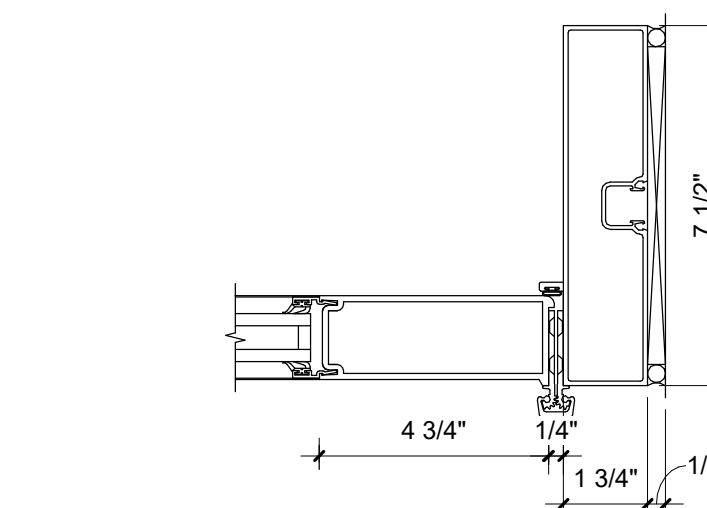
5 SILL DETAIL
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9 DOOR HEAD @ TRANSOM DETAIL
A1-508 SCALE: 3" = 1'-0"



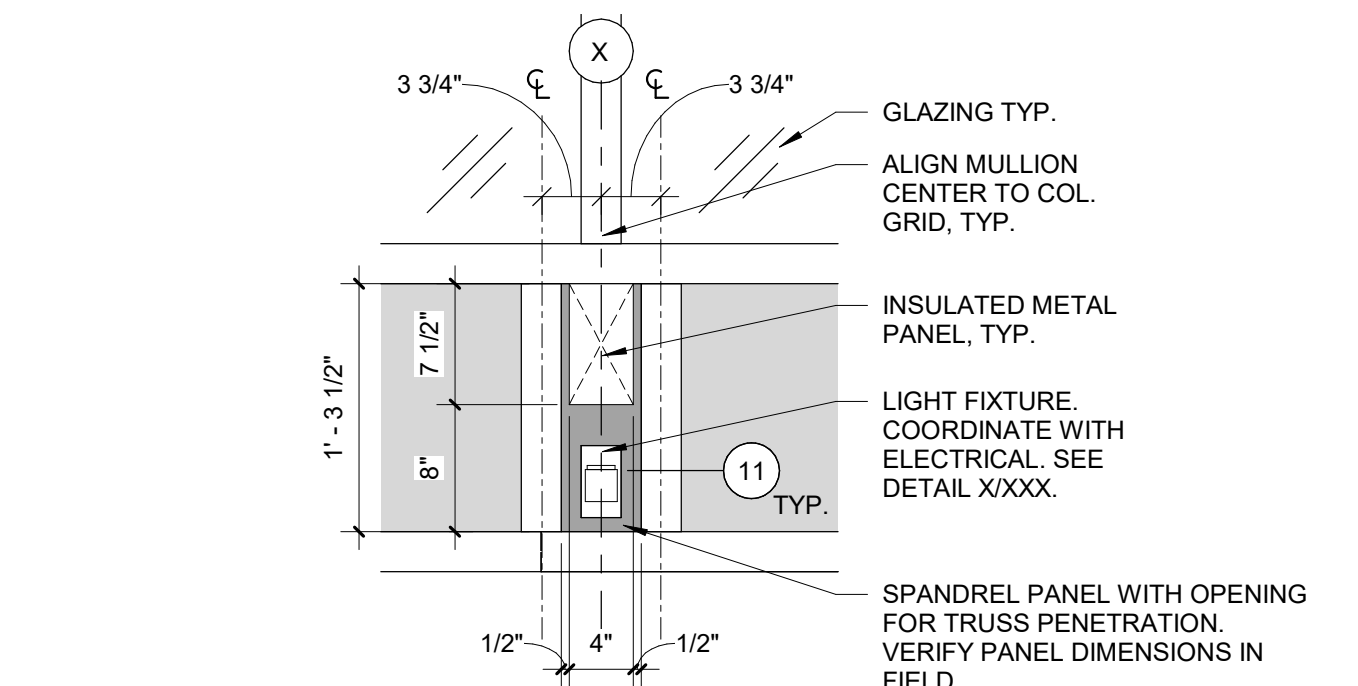
11 DOOR STILE DETAIL
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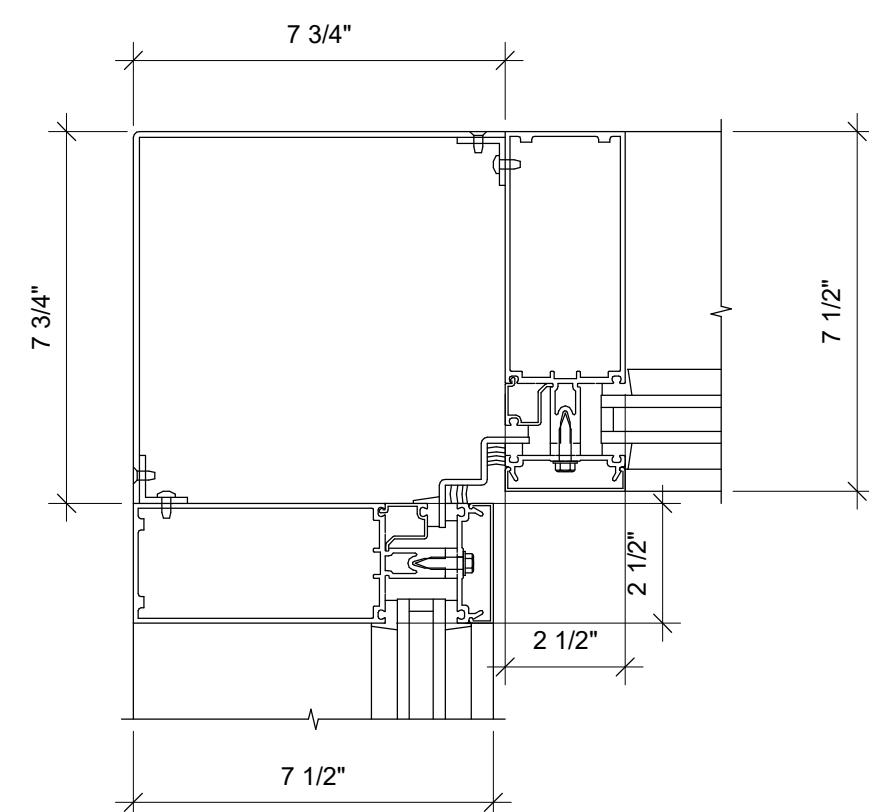
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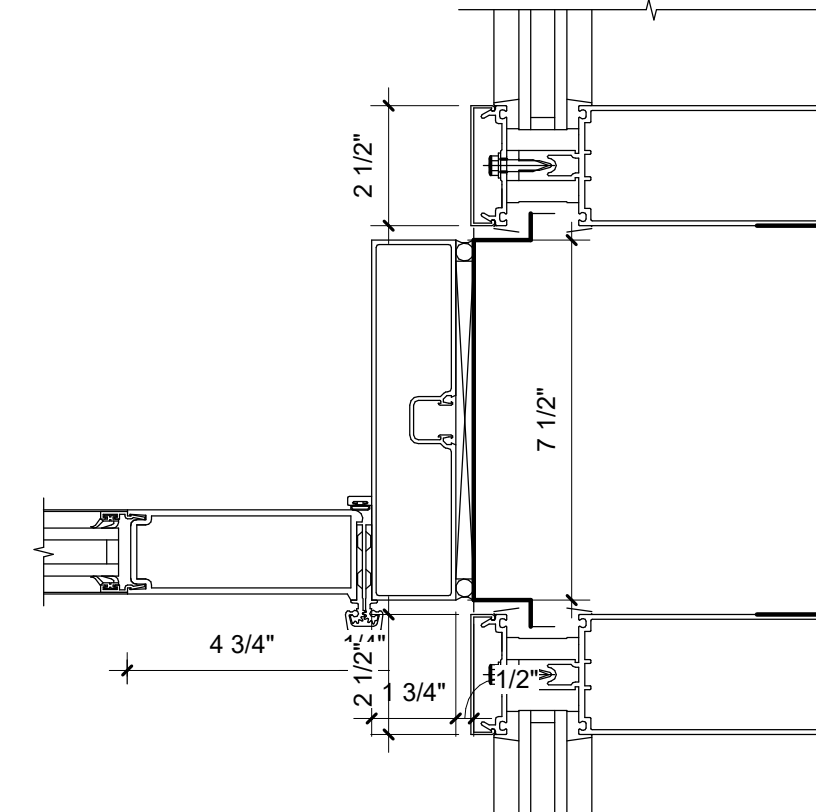
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A1-508 SCALE: 3" = 1'-0"



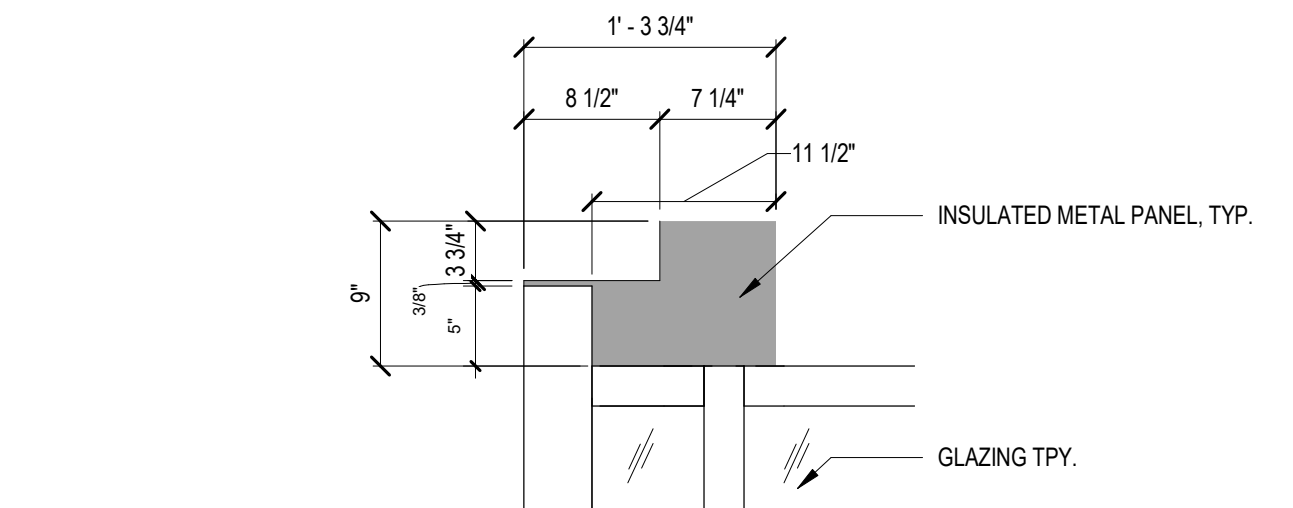
16 TYPICAL TRUSS PENETRATION
A1-508 SCALE: 1" = 1'-0"



14 CORNER DETAIL INSIDE
A1-508 SCALE: 3" = 1'-0"



15 DOOR HINGE DETAIL 3
A1-508 SCALE: 3" = 1'-0"



17 SF-1 CORNER DETAIL
A1-508 SCALE: 1" = 1'-0"

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10 DOOR SILL DETAIL
A1-508 SCALE: 3" = 1'-0"

14 CORNER DETAIL INSIDE
A1-508 SCALE: 3" = 1'-0"

15 DOOR HINGE DETAIL 3
A1-508 SCALE: 3" = 1'-0"

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DATE: JANUARY 2023 SCALE: SHEET NO: 68 OF No. 80 DRAWING NO. A1-508	

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CHECKED BY: E. CLAASSEN	DESIGN LEAD: EDWARD BARBOE, P.E.
Hazen	

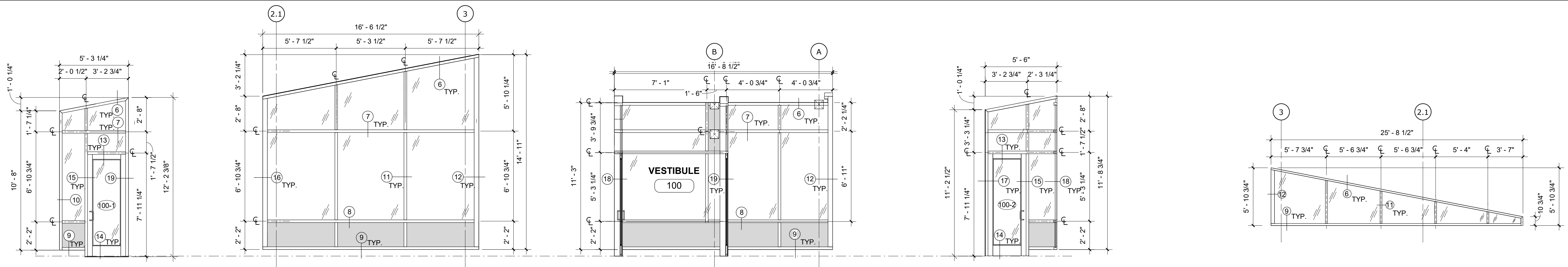
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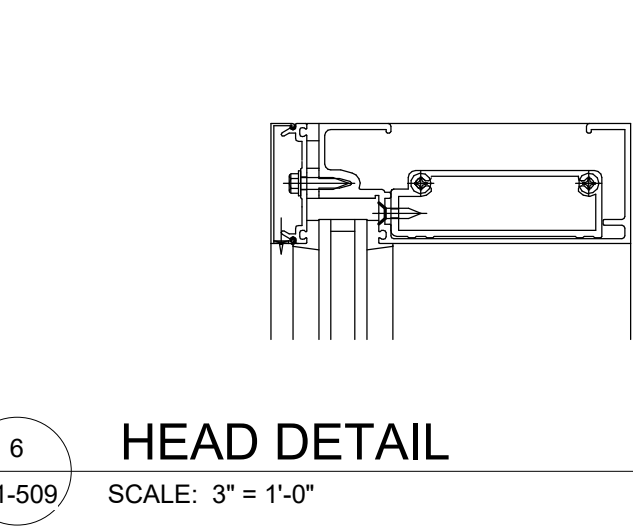
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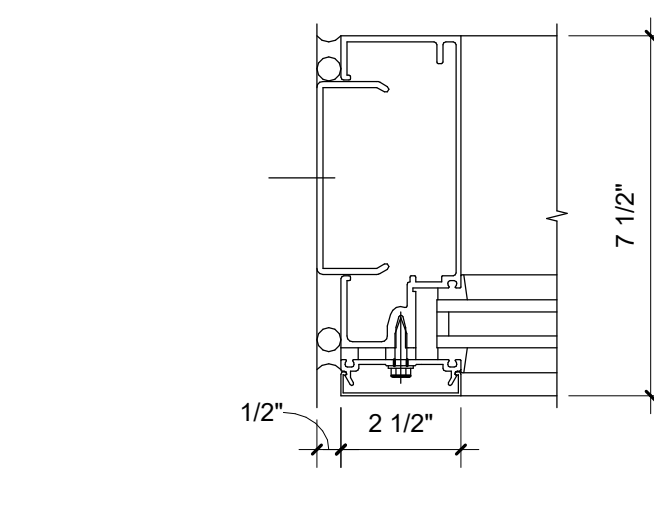
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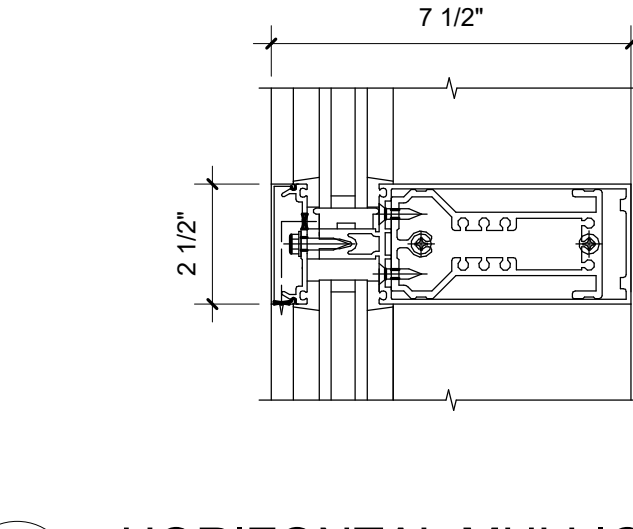
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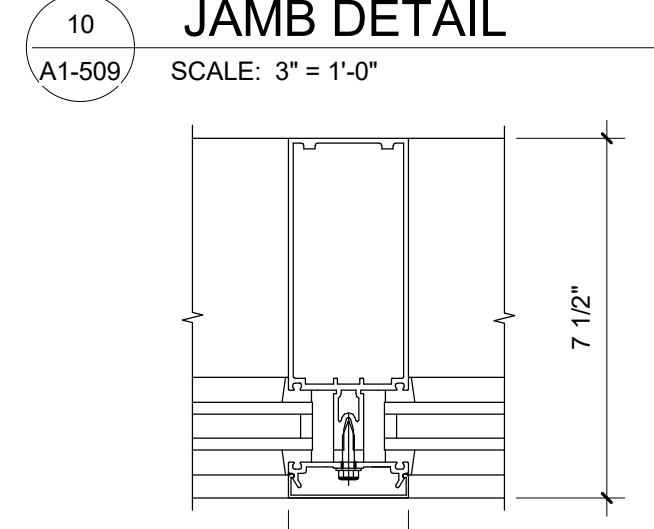
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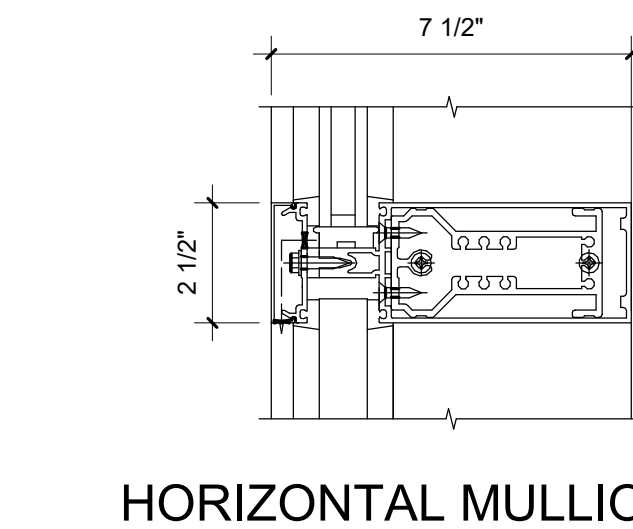
10 JAMB DETAIL
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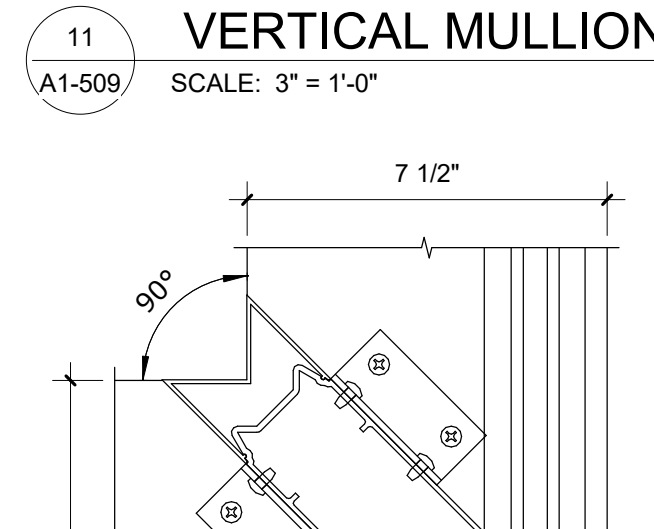
7 HORIZONTAL MULLION
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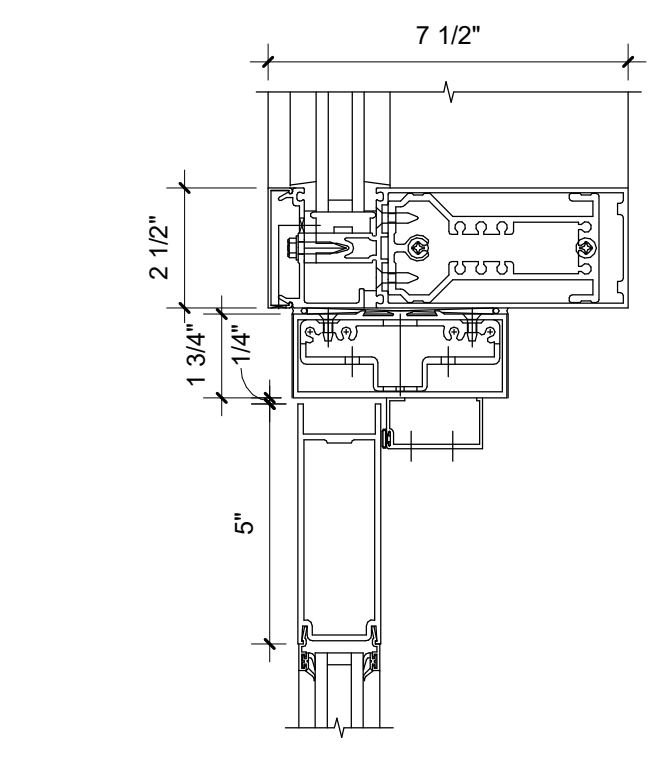
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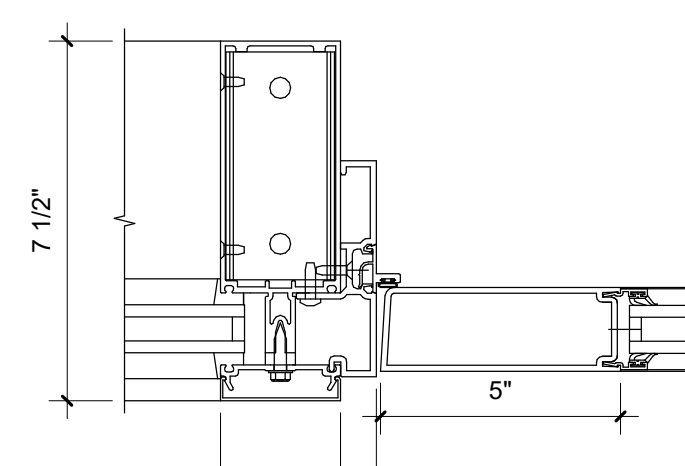
8 HORIZONTAL MULLION @ SPANDREL
A1-509 SCALE: 3" = 1'-0"



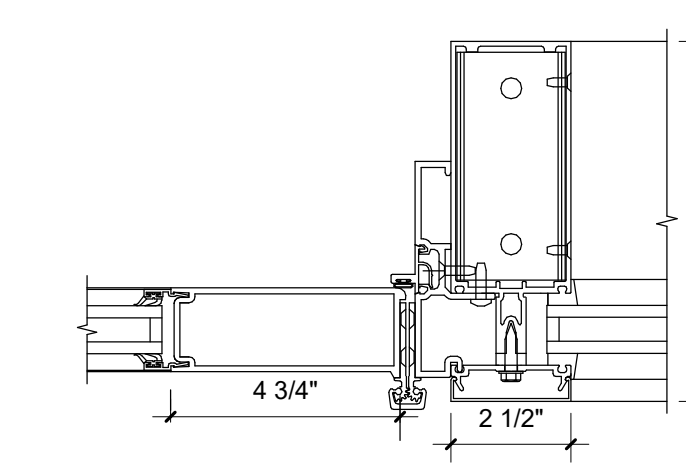
12 CORNER DETAIL
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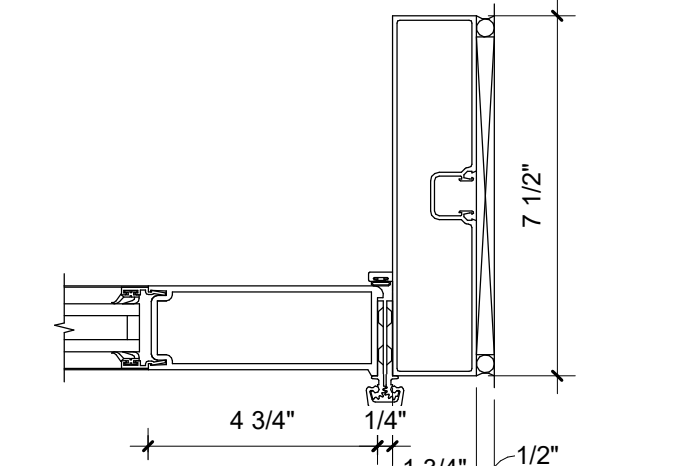
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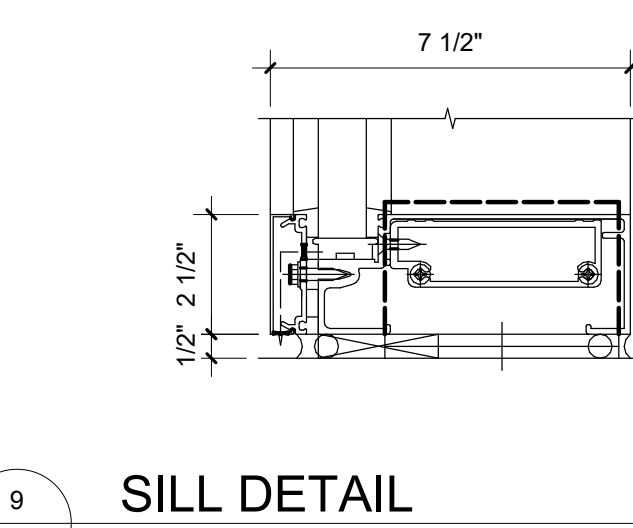
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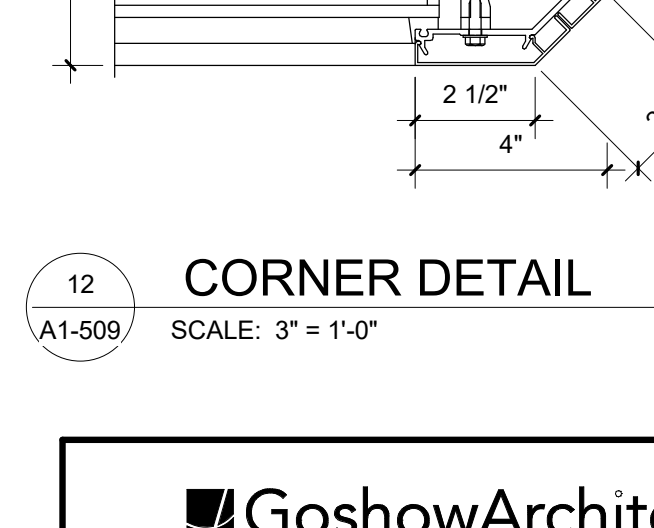
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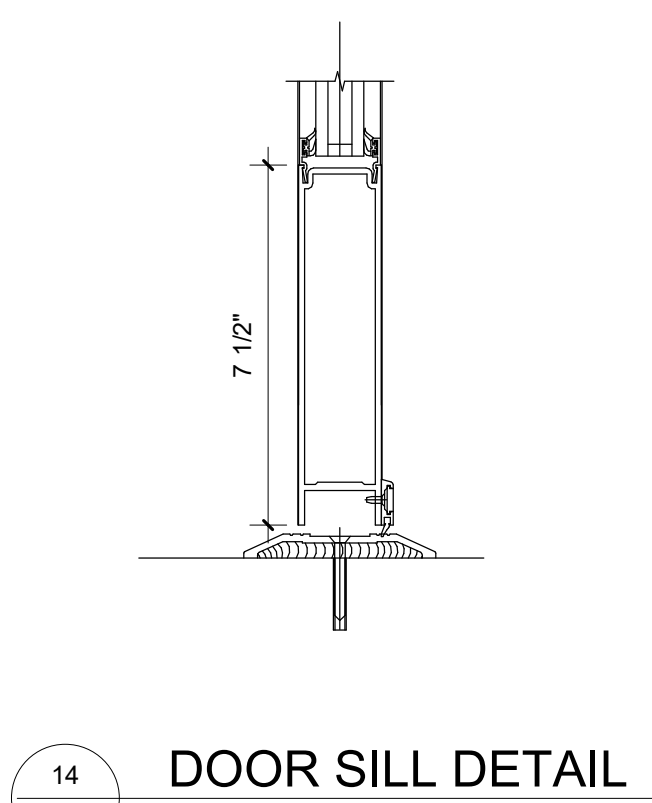
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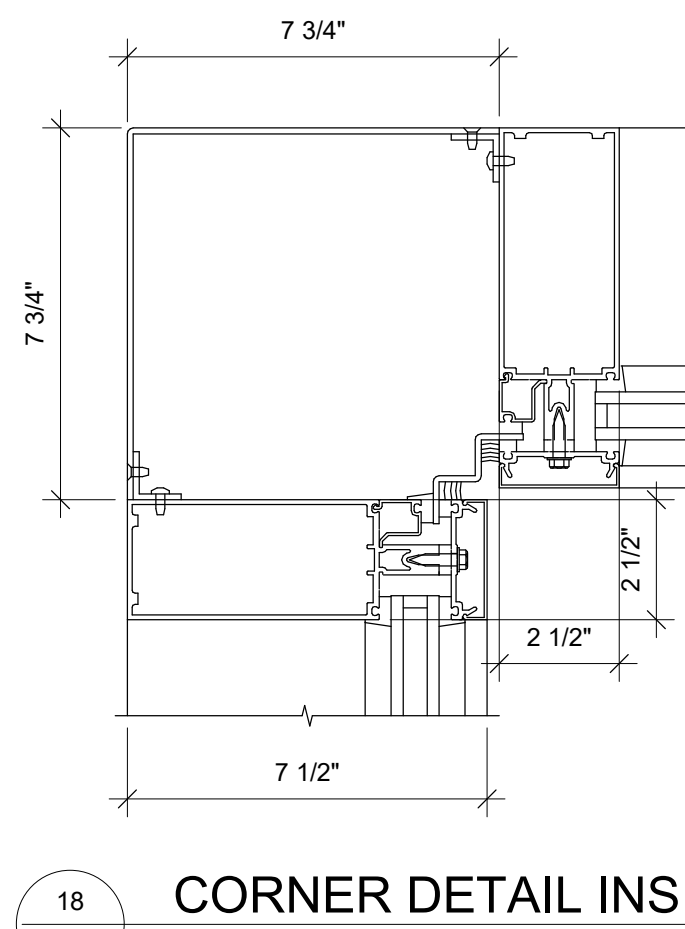
9 SILL DETAIL
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14 DOOR SILL DETAIL
A1-509 SCALE: 3" = 1'-0"



16 CORNER DETAIL INSIDE
A1-509 SCALE: 3" = 1'-0"



19 DOOR HINGE DETAIL 3
A1-509 SCALE: 3" = 1'-0"

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J. HYUN

DRAWN BY:
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E. CLAASSEN

DESIGN LEAD:
EDWARD BARBOE, P.E.

Hazen



ACCOUNTABLE MANAGER
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PORTFOLIO MANAGER
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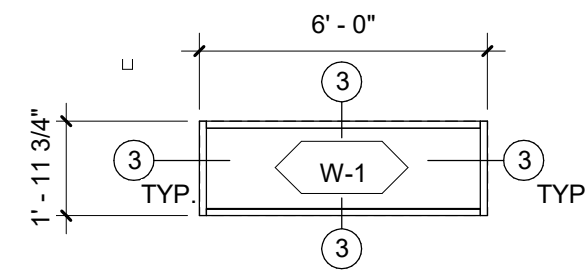
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AND PAVING
MOUNT PLEASANT, NEW YORK

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STOREFRONT DETAILS

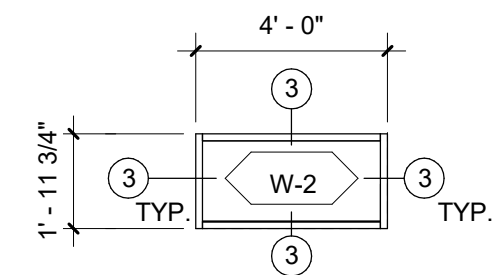
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SHEET NO:
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DRAWING NO.
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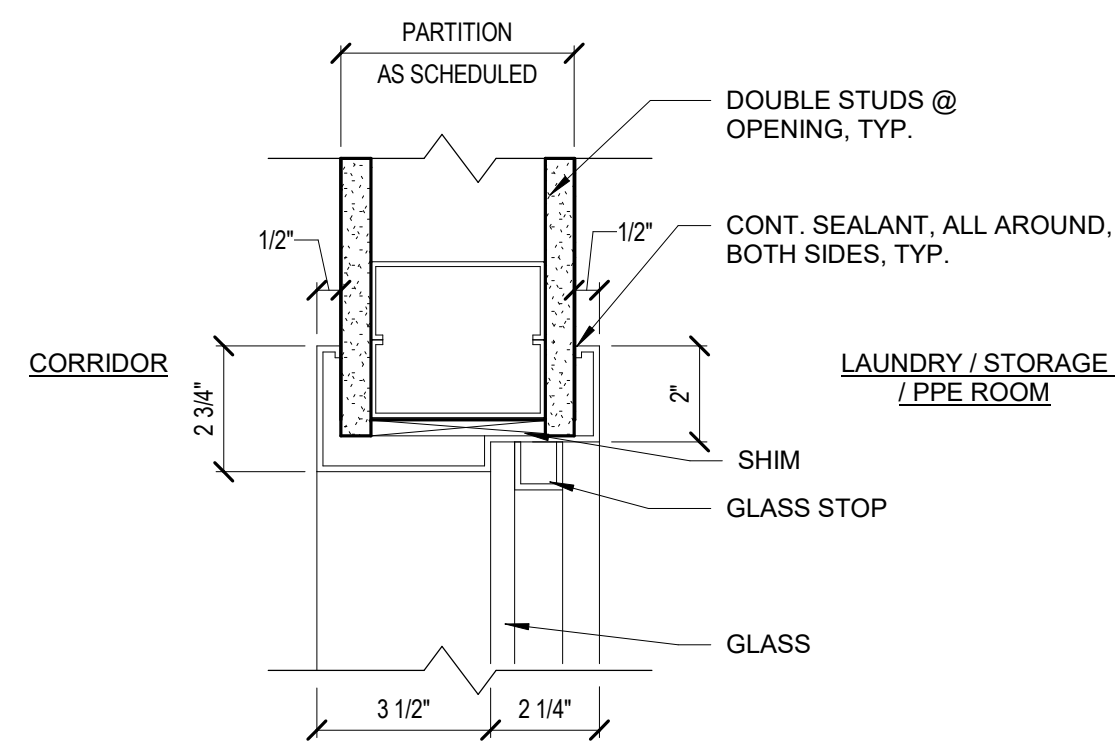
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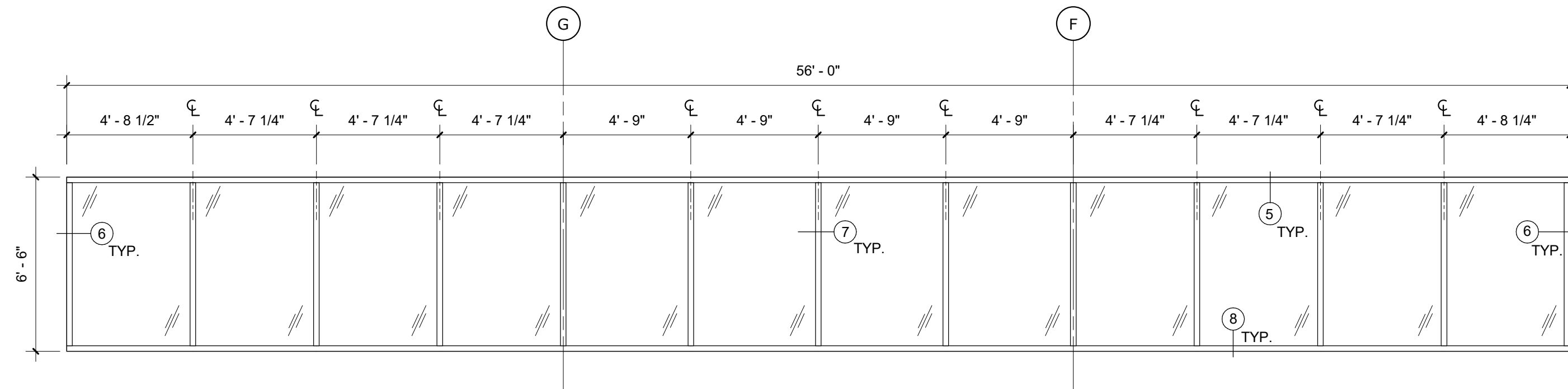
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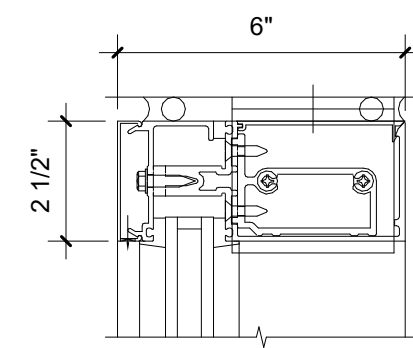
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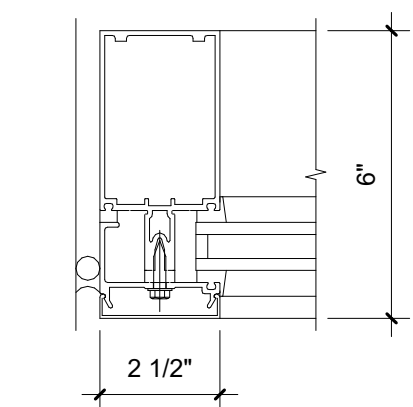
3 WINDOW HEAD / JAMB / SILL SIM.
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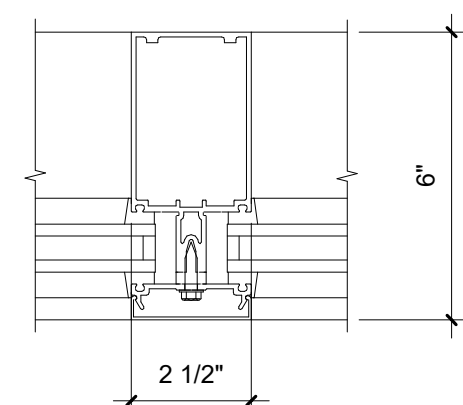
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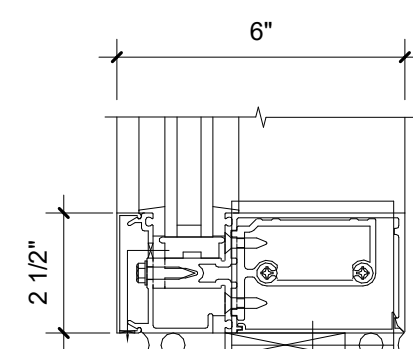
5 CLERESTORY HEAD DETAIL
A1-510 SCALE: 3" = 1'-0"



6 CLERESTORY JAMB DETAIL
A1-510 SCALE: 3" = 1'-0"



7 CLERESTORY VERTICAL MULLION
A1-510 SCALE: 3" = 1'-0"



8 CLERESTORY SILL DETAIL
A1-510 SCALE: 3" = 1'-0"

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DESIGN LEAD: EDWARD BARBOE, P.E.

Hazen



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WATERFOWL MANAGEMENT PROGRAM BUILDING
AND PAVING
MOUNT PLEASANT, NEW YORK
ARCHITECTURAL
INTERIOR WINDOWS AND CLERESTORY ELEVATIONS
& DETAILS

DATE: JANUARY 2023
SCALE:
SHEET NO:
70 OF No. 80
DRAWING NO.
A1-510

FINISH SCHEDULE

NO.	DESCRIPTION	FLOOR		BASE	WALL-NORTH		WALL-EAST		WALL-SOUTH		WALL-WEST		WINDOW SHADE	CEILING			SIGNAGE TYPE (QTY)	REMARKS
		SUBSTRATE	FINISH		SUBSTRATE	FINISH	SUBSTRATE	FINISH	SUBSTRATE	FINISH	SUBSTRATE	FINISH		HEIGHT				
001	CORRIDOR	CONC	LVT	VB-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	-	MTL DECK	MTL PNL	VARIES	C (1)	
100	VESTIBULE	CONC	WM	VB-1	AL/GL	-	AL/GL	-	AL/GL	-	GWB	PT-1	-	MTL DECK	MTL PNL	VARIES	D (1)	
101	SUPERVISOR OFFICE	CONC	LVT	VB-1	GWB	PT-1	AL/GL	-	AL/GL	-	AL/GL	-	YES	MTL DECK	MTL PNL	VARIES	B-1 (1)	MANUAL WINDOW SHADE TO BE PROVIDED, SEE DETAIL 2/A1-511
102	SWING OFFICES	CONC	LVT	VB-1	GWB	PT-1	AL/GL	-	AL/GL	-	GWB	PT-1	-	MTL DECK	MTL PNL	VARIES	B (1), D (1)	MANUAL WINDOW SHADE TO BE PROVIDED, SEE DETAIL 2/A1-511
103	KITCHENETTE	CONC	LVT	VB-1	GWB	PT-1	-	-	GWB	PT-1	CMB	CWT-2	-	MTL DECK	MTL PNL	VARIES	B (1)	
104	BREAK ROOM / TRAINING	CONC	LVT	VB-1	GWB	PT-1	AL/GL	-	AL/GL	-	GWB	PT-1	-	MTL DECK	MTL PNL	VARIES	B (1)	MANUAL WINDOW SHADE TO BE PROVIDED, SEE DETAIL 2/A1-511
105	MUD ROOM	CONC	WM	VB-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	-	MTL DECK	MTL PNL	VARIES	B (2), B-1 (1), D (1)	
105A	LAUNDRY/STORAGE	CONC	LVT	VB-1	GWB	PT-1	GWB, AL/GL	PT-1	GWB	PT-1	GWB	PT-1	NO	MTL DECK	MTL PNL	VARIES	B (1)	
105B	PPE ROOM	CONC	LVT	VB-1	GWB	PT-1	GWB, AL/GL	PT-1	GWB	PT-1	GWB	PT-1	-	MTL DECK	MTL PNL	VARIES	B (1), B-1 (1)	
106	PYROTEC STORAGE	CONC	LVT	VB-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	-	GWB	PT-1	8'-6"	B (1), B-1 (1), E (1)	PROVIDE 1 HR RATED GYP. BD. CEILING ASSEMBLY, SEE CEILING DETAILS.
107	UNISEX RESTROOM	CONC	CFT	CB-1	GWB, CMB	PT-1, CWT-1	GWB, CMB	PT-1, CWT-1	GWB, CMB	PT-1, CWT-1	GWB, CMB	PT-1, CWT-1	-	GWB	PT-1	8'-6"	A-2 (1), B-1 (1)	
108	UNISEX SHOWER	CONC	CFT	CB-1	GWB, CMB	PT-1, CWT-1	GWB, CMB	PT-1, CWT-1	GWB, CMB	PT-1, CWT-1	GWB, CMB	PT-1, CWT-1	-	GWB	PT-1	8'-6"	A-2 (1), B-1 (1)	
109	JAN. CL.	CONC	CFT	CB-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	-	GWB	PT-1	8'-6"	B-1 (1)	
110	UNISEX SHOWER	CONC	CFT	CB-1	GWB, CMB	PT-1, CWT-1	GWB, CMB	PT-1, CWT-1	GWB, CMB	PT-1, CWT-1	GWB, CMB	PT-1, CWT-1	-	GWB	PT-1	8'-6"	A-1 (1), B-1 (1)	
111	IT/ELEC	CONC	CONC	VB-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	-	MTL DECK	PT-2	VARIES	B (1), B-1 (1)	
112	WORKSHOP	CONC	LVT	VB-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	-	MTL DECK	PT-2	VARIES	B (2), B-1 (1), D (1)	
113	DEP OFFICES	CONC	LVT	VB-1	GWB	PT-1	AL/GL	-	GWB	PT-1	GWB	PT-1	YES	MTL DECK	MTL PNL	VARIES	B (1), B-1 (1), D (1)	MANUAL WINDOW SHADE TO BE PROVIDED, SEE DETAIL 2/A1-511
114	MECH ROOM	CONC	CONC	VB-1	GWB	PT-1	GWB, AL/GL	PT-1	GWB	PT-1	GWB	PT-1	-	MTL DECK	PT-2	VARIES	B (1), B-1 (1)	
115	FUEL STORAGE	CONC	CONC	-	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	-	GWB	PT-1	8'-9"	E (1)	PROVIDE 1 HR RATED GYP. BD. CEILING ASSEMBLY, SEE CEILING DETAILS.
116	OUTDOOR STORAGE	CONC	CONC	-	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	-	MTL DECK	PT-2	VARIES	B (1), B-1 (1)	
117	BOAT WASH	CONC	SEF	PVC	PVC	-	PVC	-	PVC	-	PVC	-	-	PVC	-	VARIES	B (1), D (1)	

FINISH SCHEDULE LEGEND

SUBSTRATES

- CMB: CEMENT BOARD. SEE PLANS AND PARTITION SCHEDULE
- CONC: 1/2" SELF-LEVELING CONCRETE
- GWB: GYPSUM WALL BOARD. SEE PLANS AND PARTITION SCHEDULE
- OPEN: OPEN TO ABOVE

FLOOR FINISHES

- CFT: CERAMIC TILE 4" X 4"
- CONC: CLEAR SEALED CONCRETE
- LVT: LUXURY VINYL TILE 12" X 24"
- SEF: SEAMLESS EPOXY FLOORING

BASE FINISHES

- CB-1: CERAMIC COVE BASE
- VB-1: VINYL COVE BASE - 4"
- PVC: PVC BASE TRIM

WALL FINISHES

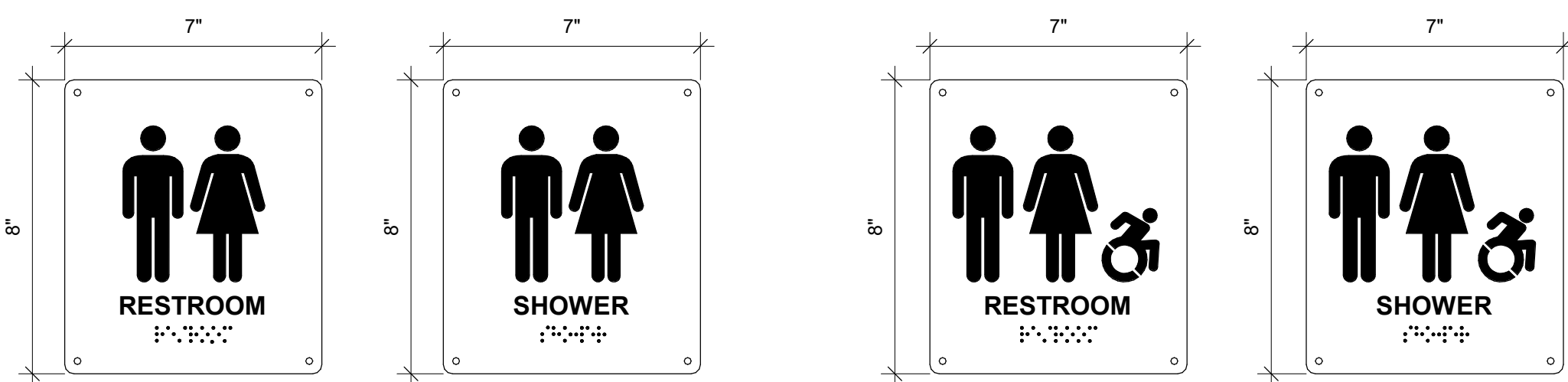
- CWT-1: CERAMIC WALL TILE
- CWT-2: CERAMIC TILE BACKSPLASH
- PT-1: WALL PAINT
- AL/GL: ALUMINUM / GLASS STOREFRONT
- PVC: PVC PANEL

CEILING FINISHES

- MTL PNL: LINEAR METAL PANEL CEILING
- PT-2: CEILING PAINT
- PVC: PVC PANEL

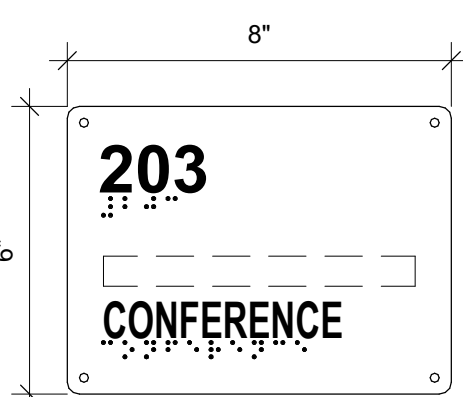
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1. ALL SUBSTRATES SHALL BE PREPPED PER FLOOR FINISH MANUFACTURER'S REQUIREMENTS.

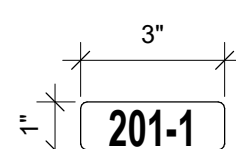


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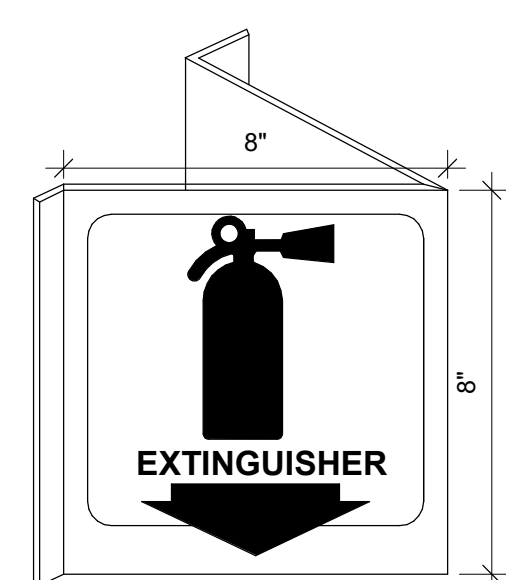
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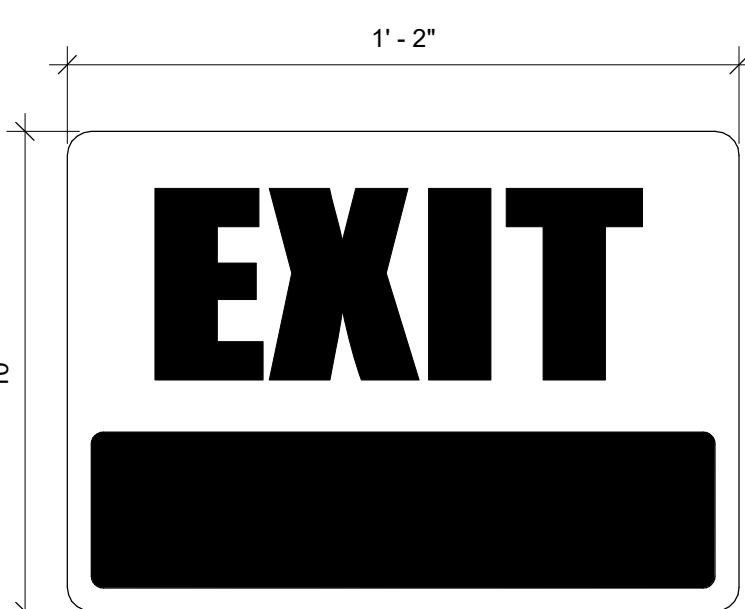
TYPE B:
ROOM NAME & NUMBER



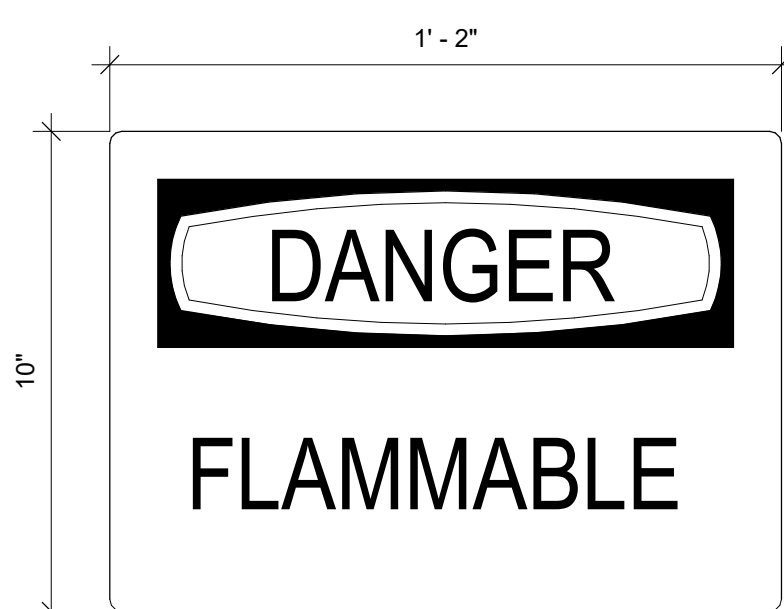
TYPE B-1:
ROOM NUMBER



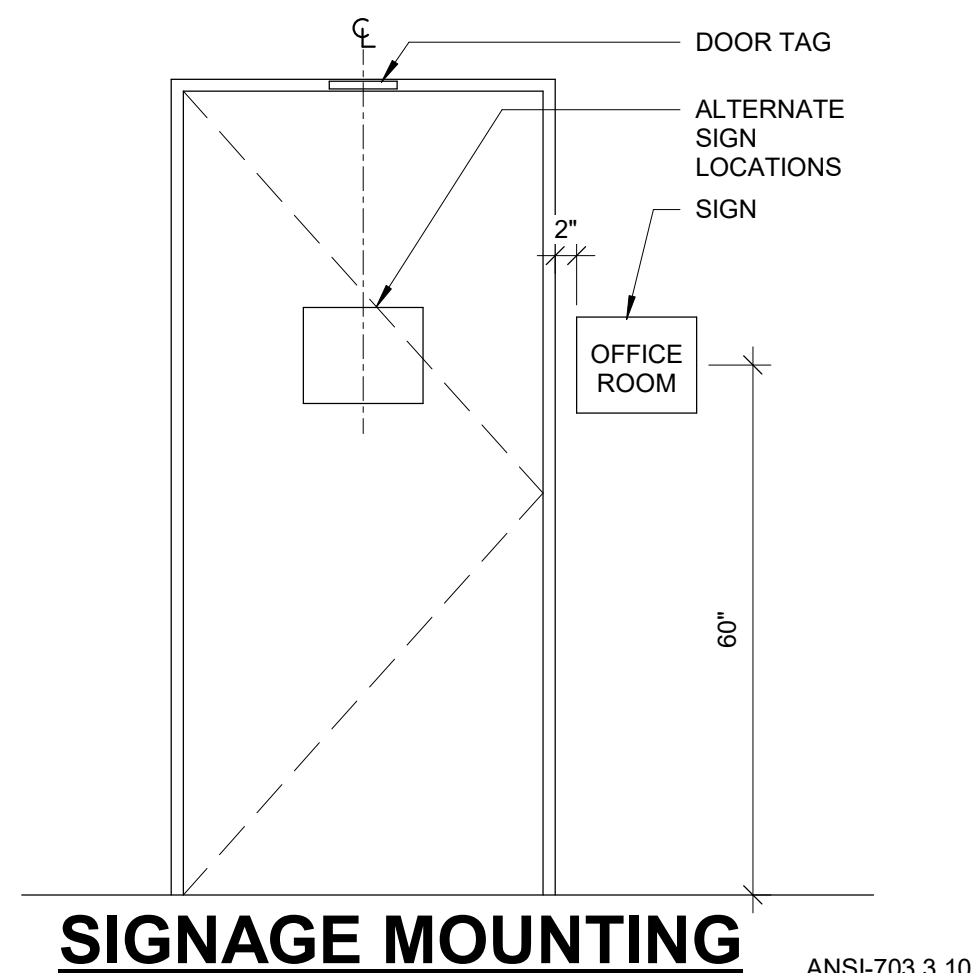
TYPE C:
FIRE EXTINGUISHER



TYPE D:
EXIT

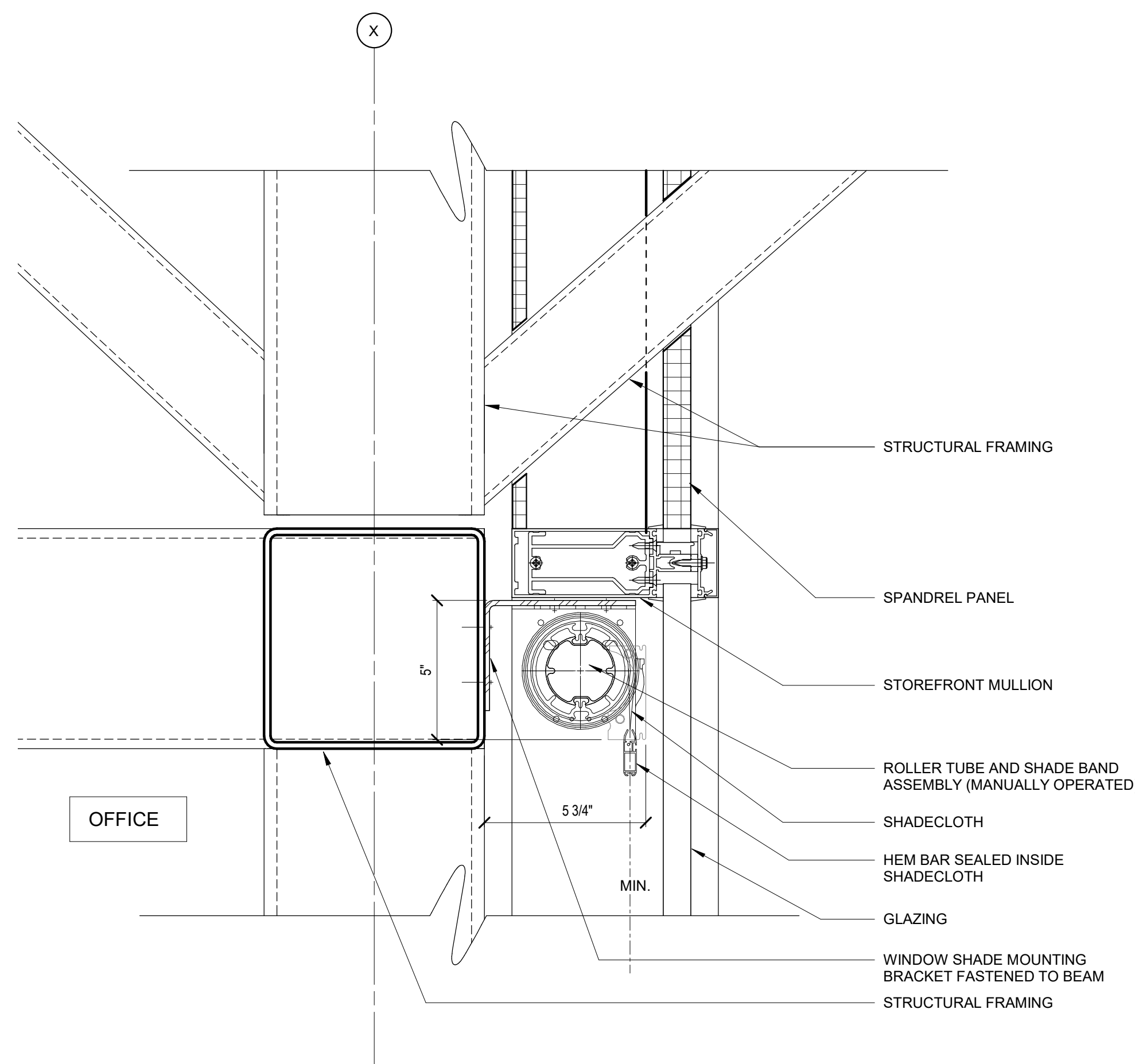


TYPE E:
DANGER



SIGNAGE MOUNTING
ANSI-703.3.10

- NOTE:
1. PROVIDE EQUIVALENT INFORMATION IN TACTILE TEXT DESCRIPTOR COMPLYING WITH ICC A117.1.



SECT DETAIL - TYP. WINDOW SHADE CURTAIN WALL @ TRUSS

2
A1-511 SCALE: 3" = 1'-0"

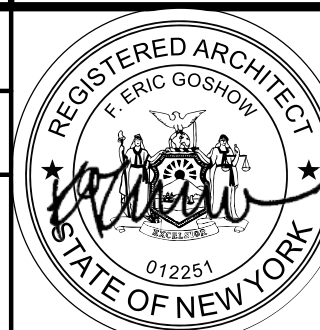
Autodesk Docs/092906_02A_CAT-423 WFO-02A Waterfowl Mgmt Program/092906_02A_A_VFB.rvt 12/19/2022 3:49:43 PM

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ACCOUNTABLE MANAGER
JOSE NIEVES
PORTFOLIO MANAGER
MARK DELBALZO, P.E.

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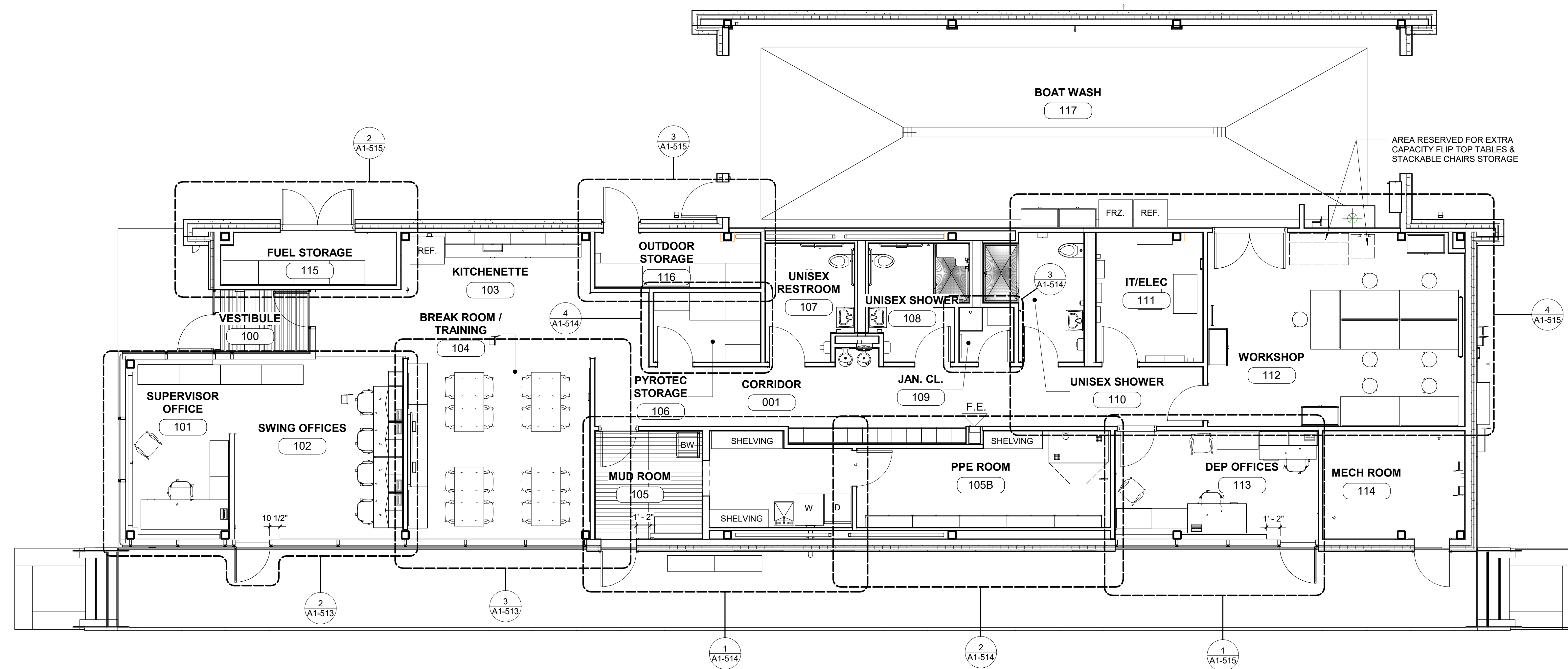
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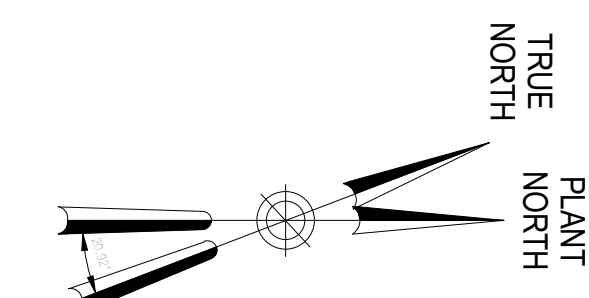
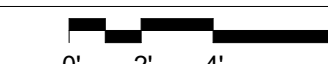
WATERFOWL MANAGEMENT PROGRAM BUILDING
AND PAVING
MOUNT PLEASANT, NEW YORK
ARCHITECTURAL
FINISH SCHEDULE, SIGNAGE AND DETAILS

DATE: JANUARY 2023
SCALE:
SHEET NO:
71 OF No. 80
DRAWING NO.
A1-511



FURNITURE PLAN

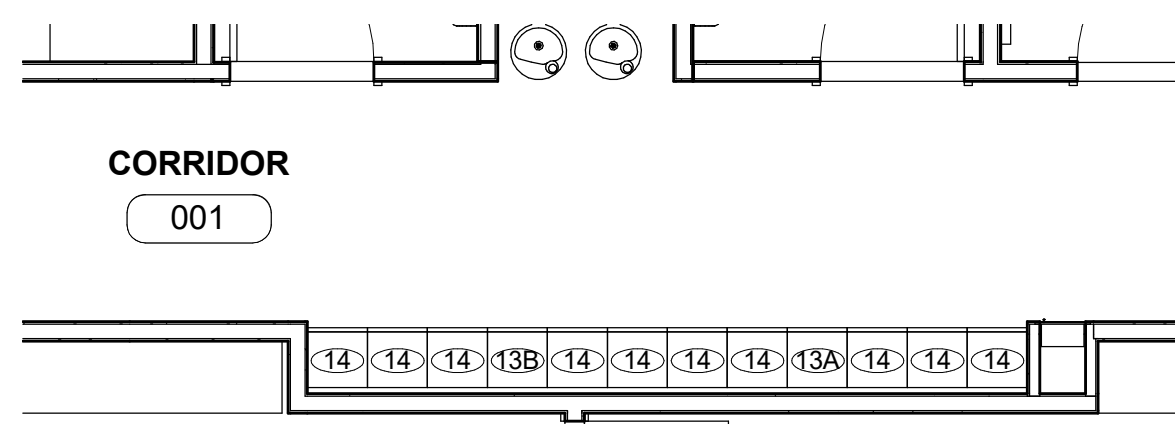
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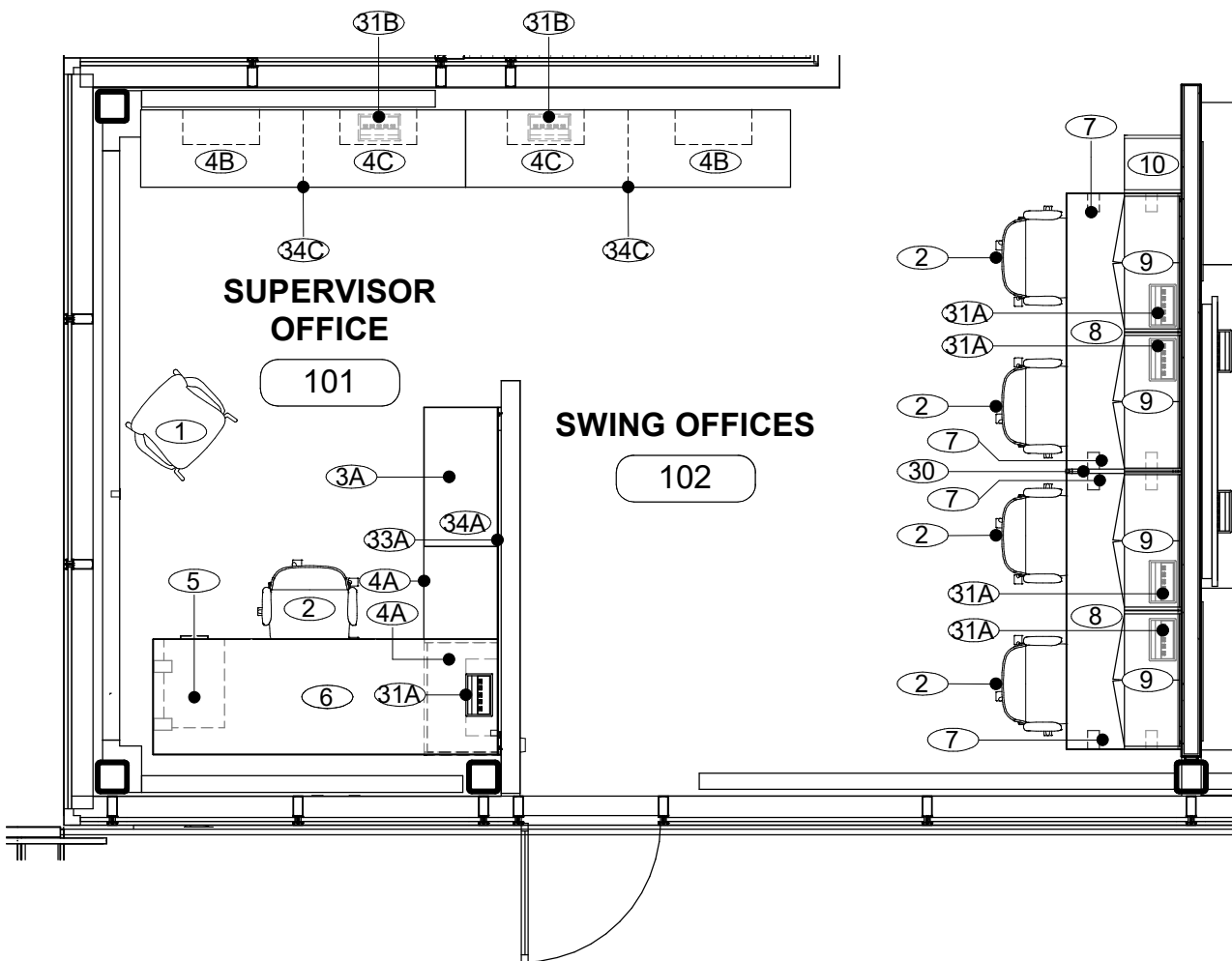
 20 W 22nd St, Suite 901 New York, NY 10010 P 212.242.3735		 NEW YORK CITY ENVIRONMENTAL PROTECTION BUREAU OF WATER SUPPLY 465 COLUMBUS AVENUE, SUITE 270 VALHALLA, NEW YORK 10595-1336 www.nyc.gov/dep		BID SET GRAPHIC SCALES CHECK BEFORE USE IF SHEET IS LESS THAN 22"x34" IT IS A REDUCED PRINT. SCALE ACCORDINGLY	WATERFOWL MANAGEMENT PROGRAM BUILDING AND PAVING MOUNT PLEASANT, NEW YORK ARCHITECTURAL FURNITURE PLAN	DATE: JANUARY 2023 SCALE: SHEET NO: 72 OF No. 80 DRAWING NO. A1-512
DESIGNED BY: J. HYUN	DRAWN BY: S. KINARD	ACCOUNTABLE MANAGER JOSE NIEVES	*WARNING-IT IS A VIOLATION, OF THE NEW YORK STATE EDUCATION LAW, SECTION. 7209.2, FOR ANY PERSON, UNLESS (S)HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT IN ANY WAY. IF ALTERED, THE ALTERING PERSON SHALL COMPLY WITH THE REQUIREMENTS OF NEW YORK EDUCATION, LAW, SECTION. 7209.2.*			
CHECKED BY: E. CLAASSEN	DESIGN LEAD: EDWARD BARBOE, P.E.	PORTFOLIO MANAGER MARK DELBALZO, P.E.				
NO.	DATE	REVISIONS/DESCRIPTION	APPRD			

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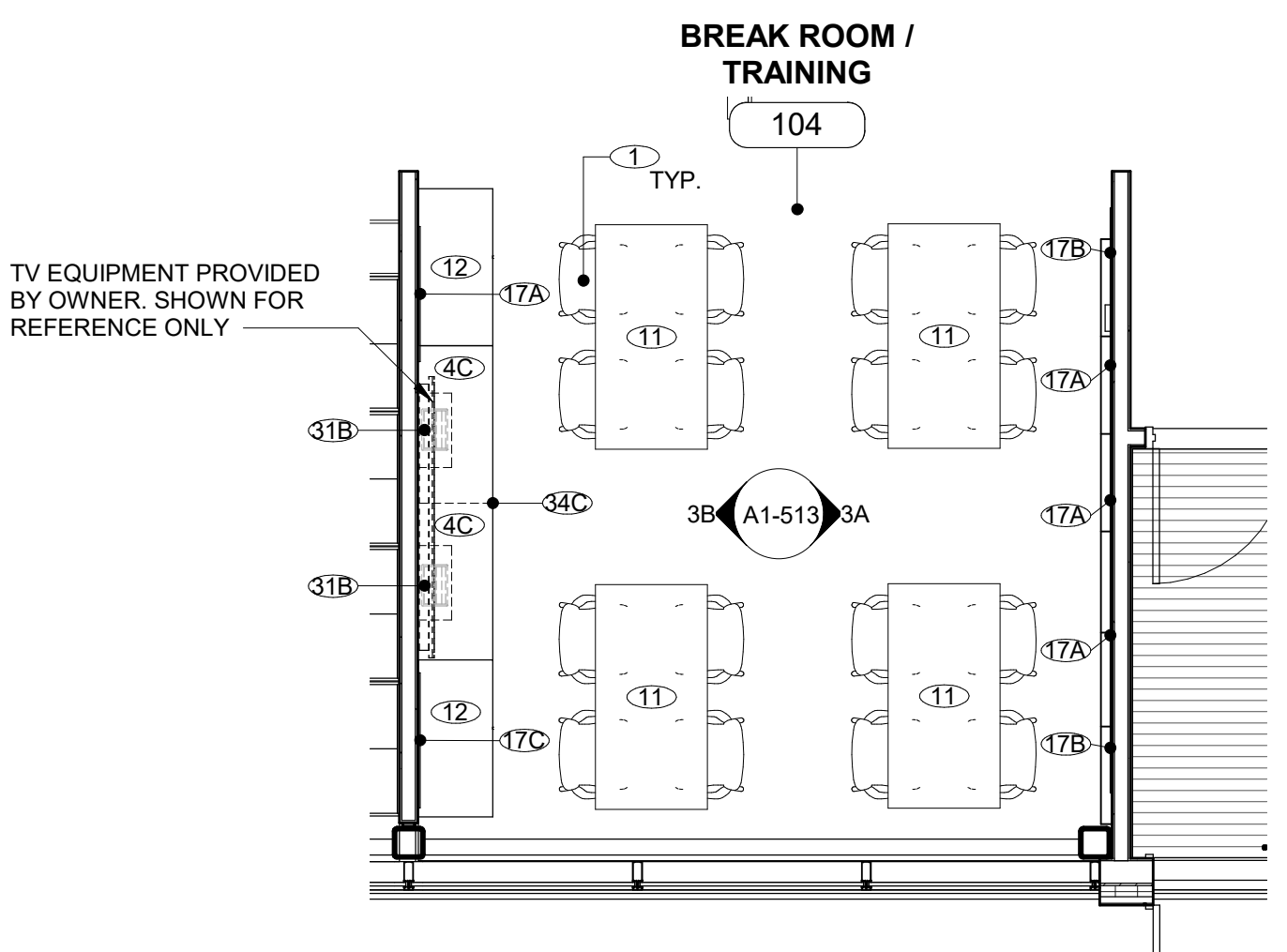
CORRIDOR 001 FURNITURE & EQUIPMENT SCHEDULE				
ITEM NO.	DESCRIPTION	SIZE	QUANTITY	NOTES
001				
13A	SINGLE TIER LOCKER	15" W x 15" D x 72" H	1	ASI STORAGE SOLUTIONS - TRADITIONAL PLUS COLLECTION (PROVIDE 4" BASE AND TRIM PIECES)
13B	SINGLE TIER ADA LOCKER	15" W x 15" D x 72" H	1	ASI STORAGE SOLUTIONS - TRADITIONAL PLUS COLLECTION (PROVIDE 4" BASE AND TRIM PIECES)
14	DOUBLE TIER LOCKERS	15" W x 15" D x 72" H	10	ASI STORAGE SOLUTIONS - TRADITIONAL PLUS COLLECTION (PROVIDE 4" BASE AND TRIM PIECES)

1 CORRIDOR LOCKERS - FURNITURE PLAN
A1-513 SCALE: 1/4" = 1'-0"



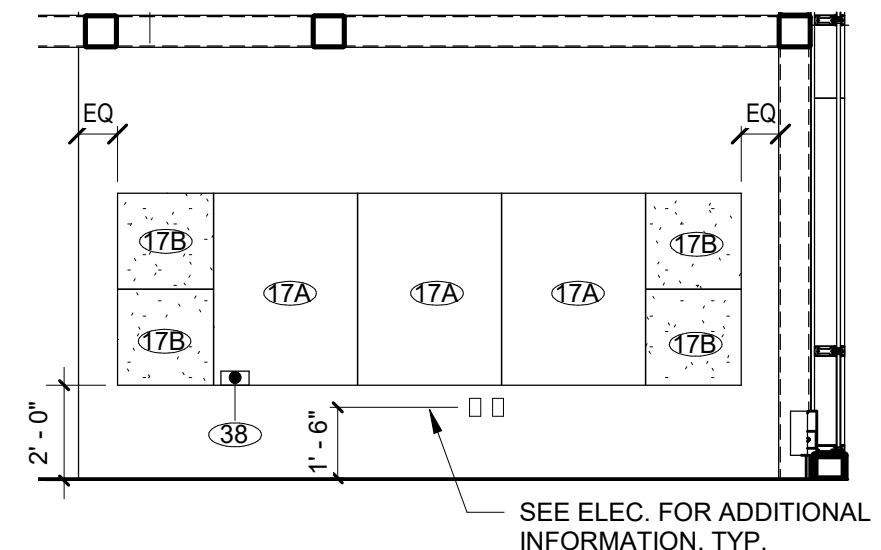
SUPER OFFICE 101 & SWING OFFICES 102 FURNITURE & EQUIPMENT SCHEDULE				
ITEM NO	DESCRIPTION	SIZE	QUANTITY	NOTES
101				
1	CHAIR 4-LEG BASE		1	HERMAN MILLER - KNN4SPFSG989898, RIVET LAGOON
2	WORK CHAIR		1	HERMAN MILLER - CQ5-1-M-A-G1-L7-HCC-NNN
3A	MODULAR STORAGE UNITS	30" W x 18" D x 27" H	1	HERMAN MILLER - 24-30-20-2N-SS-8Q-TL-8Q-8Q-B3-CB-9P
4A	OPEN SHELVING UNITS	30" W x 18" D x 27" H	2	HERMAN MILLER - PSC-30-20-B-N
4B	OPEN SHELVING UNITS	42" W x 20" D x 29.5" H	1	HERMAN MILLER - PSC-42-20-B-N
4C	OPEN SHELVING UNITS POWERED	42" W x 20" D x 29.5" H	1	HERMAN MILLER - PSC-42-20-B, PROVIDE ALL FURNITURE MOUNTED ELECTRICAL CONNECTIONS
5	PEDESTAL STORAGE UNIT	15" W x 18" D x 27" H	1	HERMAN MILLER - FF10-K-24-BBF-2-L-NT
6	ADJUSTABLE STANDING DESK	84" W x 30" D x 29" H	1	HERMAN MILLER - DU6AT-S-30-84-L-E
7	SQUARE OPEN SUPPORT LEG	30" W x 27 1/4" H	1	HERMAN MILLER - FVD2D-S-30-F-L-R-G1
31A	DESKTOP MOUNTED MOUNTED POWER / DATA HUB	8" W x 3" H x 4 1/2" D	1	HERMAN MILLER - Y1325-3-A-10-G-OK
31B	DESKTOP MOUNTED MOUNTED POWER / DATA HUB	8" W x 3" H x 4 1/2" D	1	HERMAN MILLER - Y1329-3-H-04-OJ
33A	GLASS BACK PANEL	90" W x 23 1/2" H	1	FV-970-WM-G-23A-90
34A	FILE TOP	60" W x 20" D x 1" H	1	TP-L-60-20-98
34C	FILE TOP	84" W x 20" x 1" H	1	TP-L-84-20-98
102				
2	WORK CHAIR		4	HERMAN MILLER - CQ5-1-M-A-G1-L7-HCC-NNN
4B	OPEN SHELVING UNITS	42" W x 20" D x 29.5" H	1	HERMAN MILLER - PSC-42-20-B-N
4C	OPEN SHELVING UNITS POWERED	42" W x 20" D x 29.5" H	1	HERMAN MILLER - PSC-42-20-B, PROVIDE ALL FURNITURE MOUNTED ELECTRICAL CONNECTIONS
7	SQUARE OPEN SUPPORT LEG	30" W x 27 1/4" H	4	HERMAN MILLER - FVD2D-S-30-F-L-R-G1
8	FIXED SEATED DESKS	72" W x 30" D x 29" H	2	HERMAN MILLER - FT-S10-30-72-L-F-91
9	OVERHEAD STORAGE UNITS	36" W x 15" D x 15" H	4	HERMAN MILLER - FV43P-WM-15-36-L-L-KA
10	VERTICAL SHELVING UNIT	15" W x 15" D x 68" H	1	HERMAN MILLER - FF54M-68-15-2-ND-L-L-N
30	PRIVACY PANEL	30" W x 12 1/2" H	1	HERMAN MILLER - GN-SP-N-T-BK-G1
31A	DESKTOP MOUNTED MOUNTED POWER / DATA HUB	8" W x 3" H x 4 1/2" D	4	HERMAN MILLER - Y1325-3-A-10-G-OK
31B	DESKTOP MOUNTED MOUNTED POWER / DATA HUB	8" W x 3" H x 4 1/2" D	1	HERMAN MILLER - Y1329-3-H-04-OJ
34C	TABLE TOP	84" W x 20" x 1" H	1	TP-L-84-20-98

2 SUPERVISOR OFFICE & SWING OFFICES - FURNITURE PLAN
A1-513 SCALE: 1/4" = 1'-0"

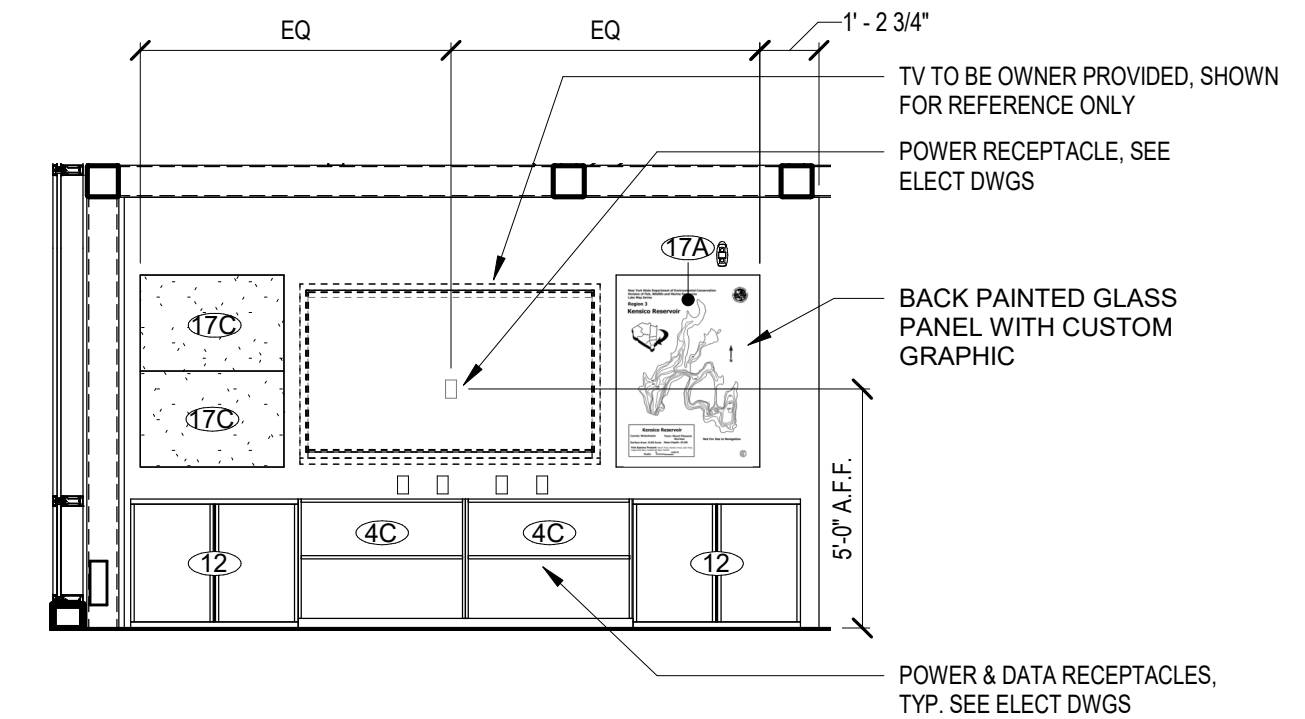


BREAK ROOM / TRAINING 104 FURNITURE & EQUIPMENT SCHEDULE				
ITEM NO	DESCRIPTION	SIZE	QUANTITY	NOTES
104				
1	CHAIR 4-LEG BASE		24	HERMAN MILLER - KNN4SPFSG989898, RIVET LAGOON
4C	OPEN SHELVING UNITS POWERED	42" W x 20" D x 29.5" H	2	HERMAN MILLER - PSC-42-20-B, PROVIDE ALL FURNITURE MOUNTED ELECTRICAL CONNECTIONS
11	RECTANGULAR TABLE	42" W x 30" D x 29.5" H	6	HERMAN MILLER - DT5A-S-30-60-L-98, (TWO TABLES NOW SHOWN IN PLAN)
12	BEVEL PULL STORAGE CASE	42" W x 30" D x 29.5" H	2	HERMAN MILLER - 46-42-20-29
17A	BACK PAINTED GLASS	36" W x 48" H	4	Y7232-S-48-36-M
17B	TACK BOARDS	24" W x 24" H	4	HERMAN MILLER - FV980-WM-24-24-T
17C	TACK BOARDS	36" W x 24" H	2	HERMAN MILLER - FV980-WM-24-36-T
31B	DESKTOP MOUNTED MOUNTED POWER / DATA HUB	8" W x 3" H x 4 1/2" D	2	HERMAN MILLER - Y1329-3-H-04-OJ
34C	FILE TOP	84" W x 20" x 1" H	1	TP-L-84-20-98
38	MARKER ERASER HOLDER	7" W x 1 7/8" D x 2 1/2" H	1	HERMAN MILLER - Y7231-91

3 BREAK ROOM / TRAINING - FURNITURE PLAN
A1-513 SCALE: 1/4" = 1'-0"



3A BREAKROOM - INTERIOR ELEVATION
A1-513 SCALE: 1/4" = 1'-0"



3B BREAKROOM - INTERIOR ELEVATION
A1-513 SCALE: 1/4" = 1'-0"

Autodesk Docs://05290-02A_CAT-473 WFO-02A Waterfowl Mgmt Program/0290-02A_A_VFB.rvt
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J. HYUN

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CHECKED BY:
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DESIGN LEAD:
EDWARD BARBOE, P.E.

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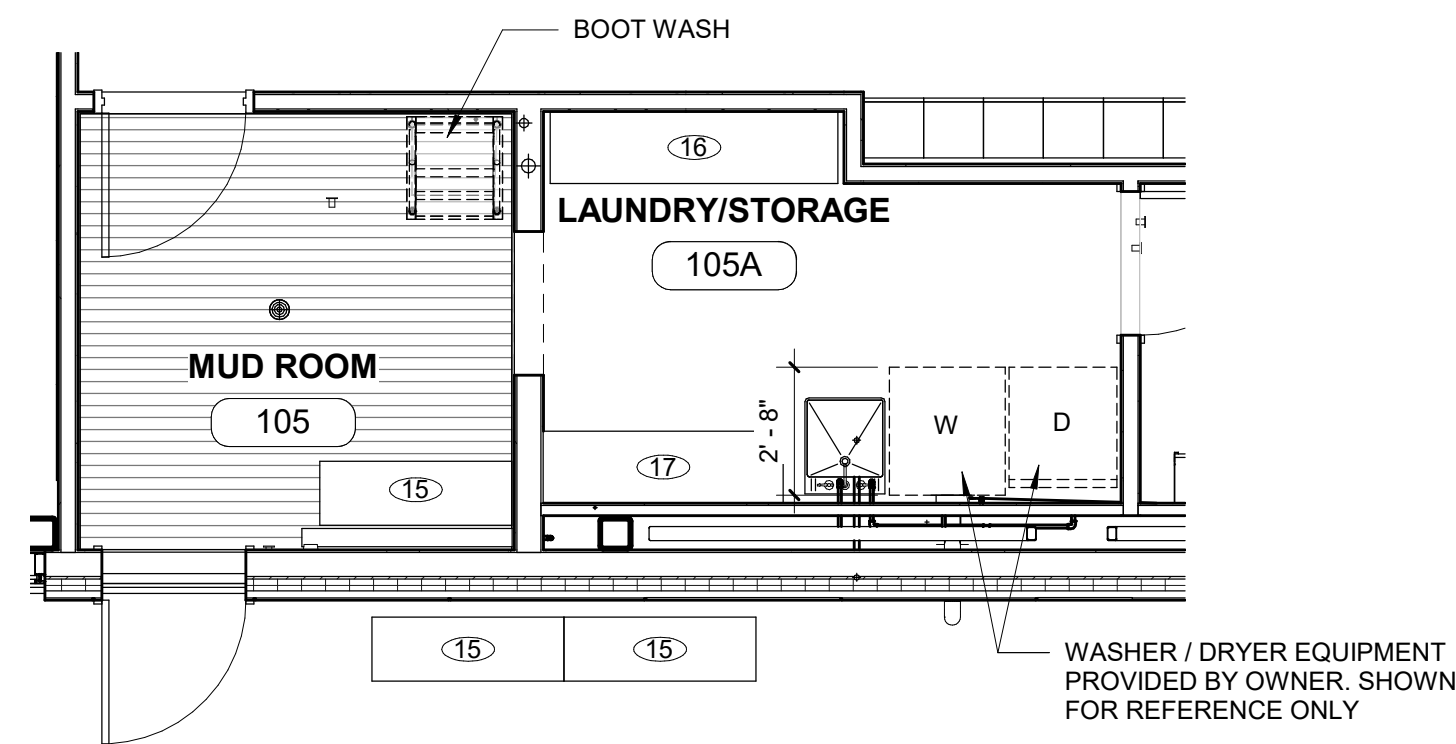
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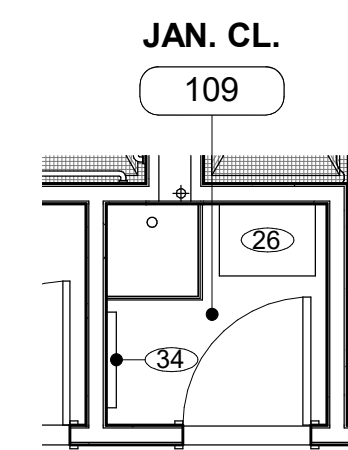
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WATERFOWL MANAGEMENT PROGRAM BUILDING AND PAVING MOUNT PLEASANT, NEW YORK ARCHITECTURAL ENLARGED FURNITURE PLANS & SCHEDULES

DATE: JANUARY 2023
 SCALE:
 SHEET NO:
73 OF No. 80
 DRAWING NO.
A1-513



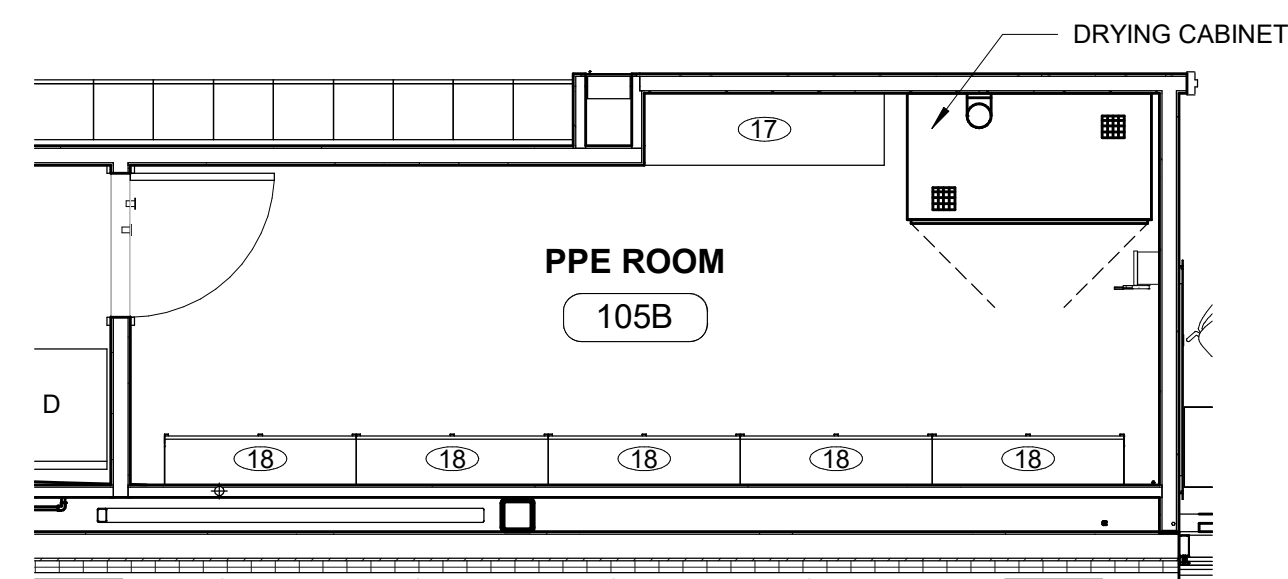
MUDROOM 105 & LAUNDRY / STORAGE 105A FURNITURE & EQUIPMENT SCHEDULE				
ITEM NO	DESCRIPTION	SIZE	QUANTITY	NOTES
105				
15	SKYLINE 4FT STAINLESS STEEL BENCH	50" W x 22" D x 22" H	3	COMMERCIAL ZONE PRODUCTS: 725229 (2 BENCHES OUTSIDE ON PORCH)
105A				
16	BULK STORAGE RACK	72" W x 18" D x 72" H	1	LYON - SHELVING PRODUCTS - 63518-63183-62172-65818 (DECKING TO BE CUSTOM TO 18" D)
17	BULK STORAGE RACK	60" W x 18" D x 72" H	1	LYON - SHELVING PRODUCTS - 63518-63183-62160-65818 (DECKING TO BE CUSTOM TO 18" D)



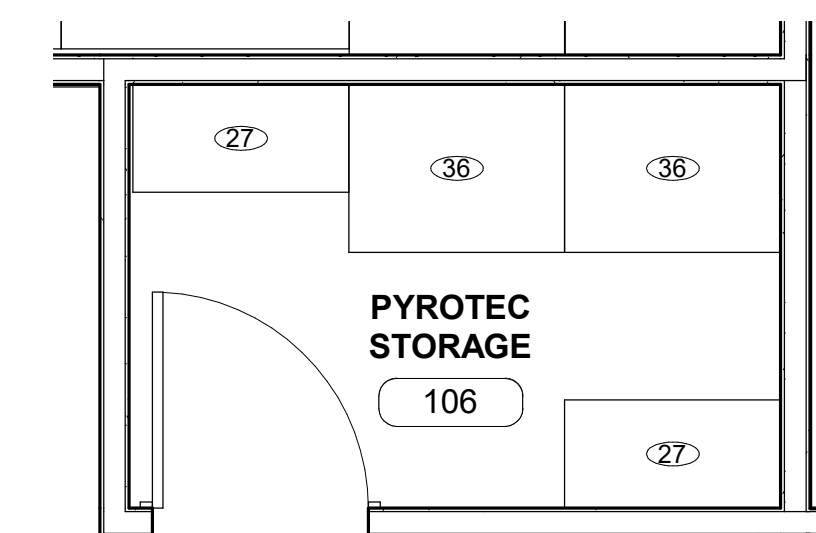
JAN. CLO. 109 FURNITURE & EQUIPMENT SCHEDULE				
ITEM NO	DESCRIPTION	SIZE	QUANTITY	NOTES
109				
26	HEAVY DUTY WIRE SHELVING	24" W x 18" D x 72" H	1	ULINE: H-2423-72
34	BROOM / MOP HOLDERS	24" W x 3" D x 4" H	1	ULINE: H-2840

1 MUD ROOM & LAUNDRY / STORAGE - FURNITURE PLAN
A1-514 SCALE: 1/4" = 1'-0"

3 JAN. CLO. FURNITURE PLAN
A1-514 SCALE: 1/4" = 1'-0"



PPE ROOM 105B FURNITURE & EQUIPMENT SCHEDULE				
ITEM NO	DESCRIPTION	SIZE	QUANTITY	NOTES
105B				
17	BULK STORAGE RACK	60" W x 18" D x 72" H	1	LYON - SHELVING PRODUCTS - 63518-63183-62160-65818 (DECKING TO BE CUSTOM TO 18" D)
18	WALL MOUNTED CLOSET ROD & SHELF UNITS	48" W x 13" D	5	ULINE - H-2515



PYROTECH STORAGE, 106 FURNITURE & EQUIPMENT SCHEDULE				
ITEM NO	DESCRIPTION	SIZE	QUANTITY	NOTES
106				
27	SHELVES	36" W x 18" D x 84" H	2	LYON SHELVING PRODUCTS - 8038SM
36	PYROTECHNIC MAGAZINE	36" W x 28" D x 42" H	2	

2 PPE - FURNITURE PLAN
A1-514 SCALE: 1/4" = 1'-0"

4 PYROTECH STORAGE - FURNITURE PLAN
A1-514 SCALE: 3/8" = 1'-0"

Autodesk Docs: 09290-02A_CAD-423 WFO-02A Waterfowl Mgmt Program 09290-02A_A_WFB.rvt
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 J. HYUN
 CHECKED BY:
 E. CLAASSEN
 DRAWN BY:
 S. KINARD
 DESIGN LEAD:
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 PORTFOLIO MANAGER
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NOTE: FURNITURE MODEL NO. PROVIDED AS BASIS OF DESIGN. CONTRACTOR TO PROVIDE AS SPECIFIED OR APPROVED EQUAL

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WATERFOWL MANAGEMENT PROGRAM BUILDING
 AND PAVING
 MOUNT PLEASANT, NEW YORK
 ARCHITECTURAL
 ENLARGED FURNITURE PLANS & SCHEDULES

DATE: JANUARY 2023

SCALE:

SHEET NO:

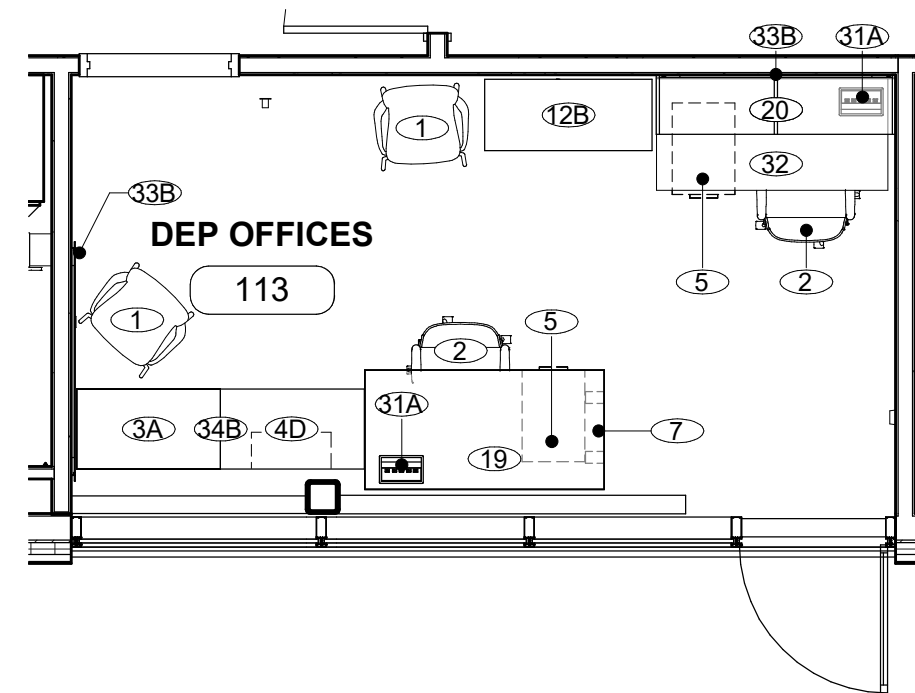
74 OF No. 80

DRAWING NO.

A1-514

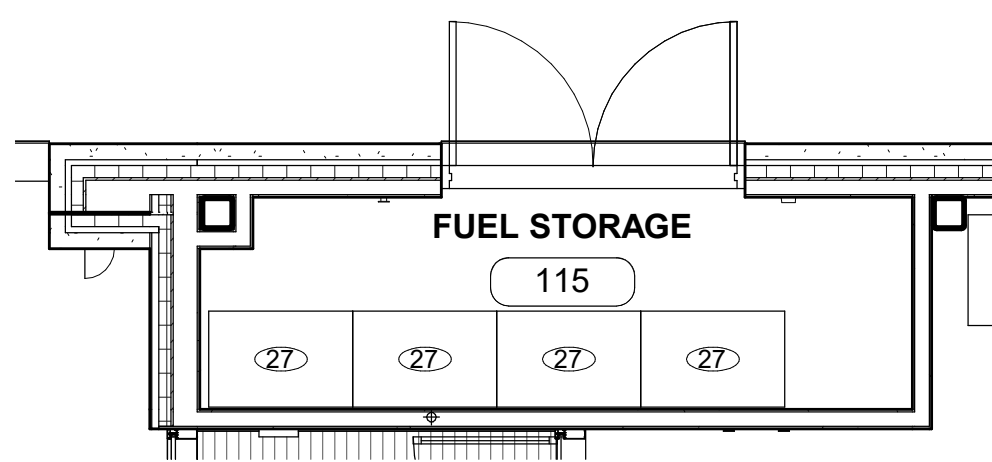
NO.	DATE	REVISIONS/DESCRIPTION	APPR'D

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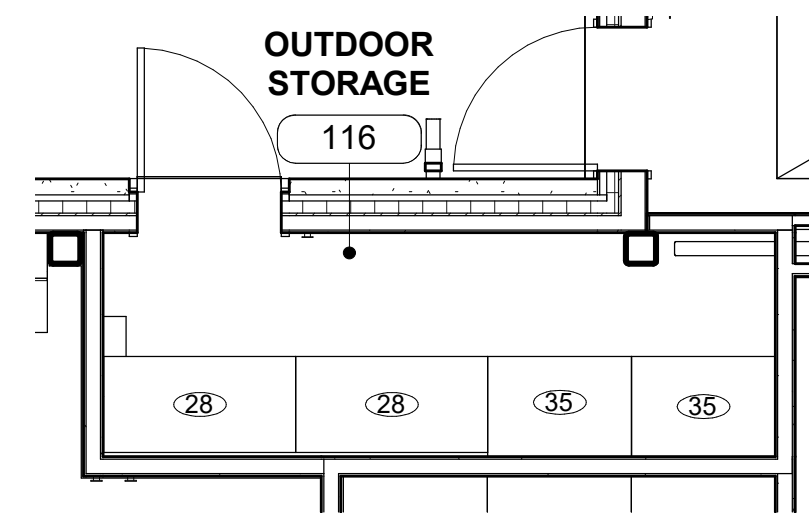
DEP OFFICES 113 FURNITURE & EQUIPMENT SCHEDULE				
ITEM NO	DESCRIPTION	SIZE	QUANTITY	NOTES
113				
1	CHAIR 4-LEG BASE		2	HERMAN MILLER - KNN4SPFSG989898, RIVET LAGOON
2	WORK CHAIR		2	HERMAN MILLER - CO5-1-M-A-G1-L7-HCC-NNN
3A	MODULAR STORAGE UNITS	30" W x 18" D x 27" H	1	HERMAN MILLER - 24-30-20-2N-SS-8Q-TL-8Q-8Q-B3-CB-9P
4D	OPEN SHELVING UNITS	30" W x 18" D x 27" H	1	HERMAN MILLER - PSC-30-20-B-N
5	PEDESTAL STORAGE UNIT	15" W x 18" D x 27" H	2	HERMAN MILLER - FF10-K-24-BBF-2-L-NT
7	SQUARE OPEN SUPPORT LEG	30" W x 27 1/4" H	1	HERMAN MILLER - FVD2D-S-30-F-L-R-G1
12B	STANDARD PULL STORAGE CASE	42" W x 20" x 52 1/2" H	1	HERMAN MILLER - PS6-42-20-K-N
19	FIXED SEATED DESKS	60" W x 30" D x 29" H	1	HERMAN MILLER - FT-S10-30-60-L-F-91
20	OVERHEAD STORAGE UNITS	60" W x 15" D x 15" H	1	HERMAN MILLER - FV43P-WM-15-60-L-L-KA
31A	DESKTOP MOUNTED MOUNTED POWER / DATA HUB	8" W x 3" H x 4 1/2" D	2	HERMAN MILLER - Y1325-3-A-10-G-OK
32	ADJUSTABLE STANDING DESK	60" W x 30" D	1	HERMAN MILLER - DU6AT-S-30-60-L-E
33B	GLASS BACK PANEL	60" W x 23 1/2" H	2	HERMAN MILLER - FV970-WM-G-23A-60
34B	FILE TOP	60" W x 20" D x 1" H	1	TP-L-60-20-98

1 DEP OFFICES - FURNITURE PLAN
A1-515 SCALE: 1/4" = 1'-0"



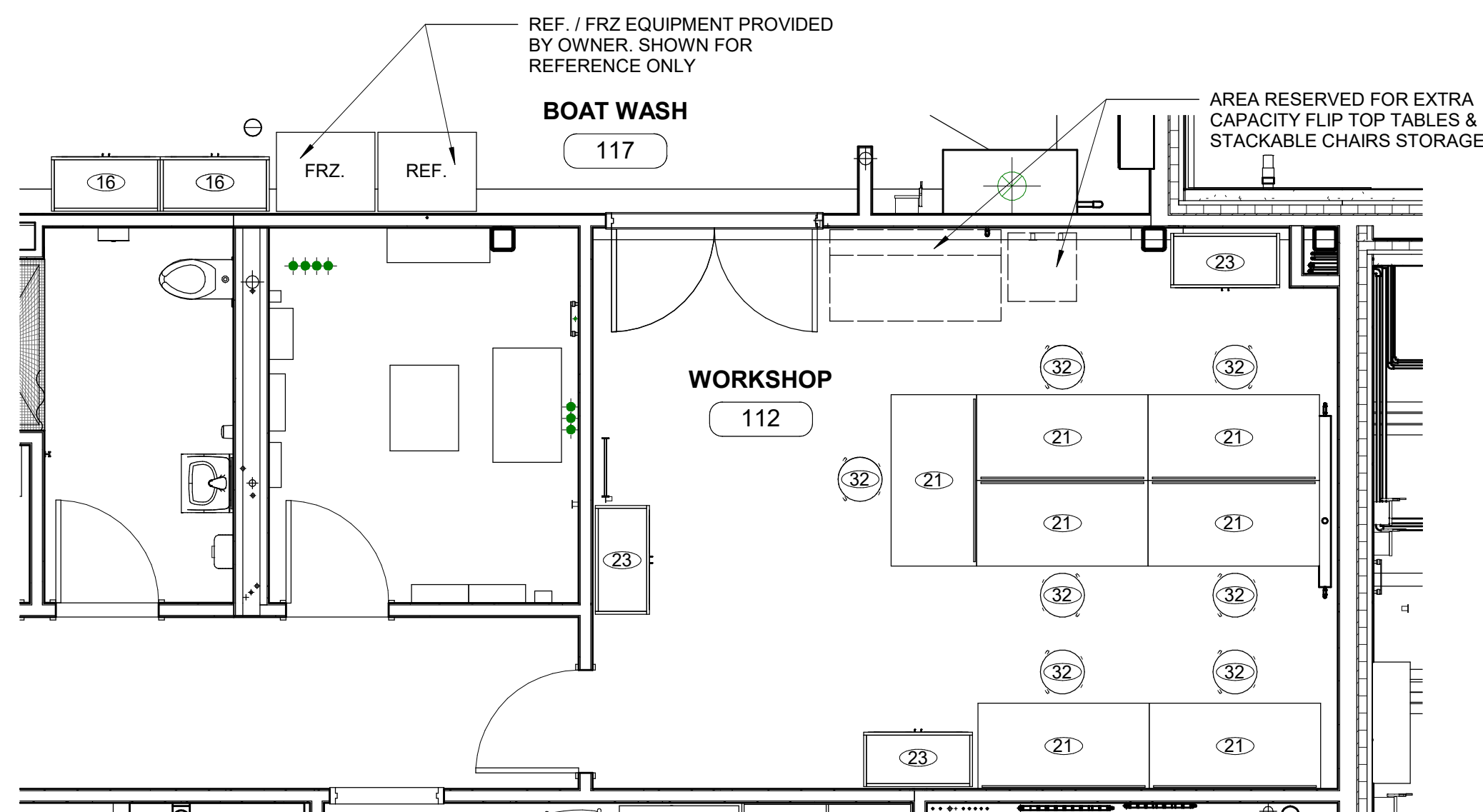
FUEL STORAGE 115 FURNITURE & EQUIPMENT SCHEDULE				
ITEM NO	DESCRIPTION	SIZE	QUANTITY	NOTES
115				
27	STARTER SHELVING UNIT	36" W x 24" D x 84" H	4	LYON SHELVING PRODUCTS - 8039SM

2 FUEL STORAGE - FURNITURE PLAN
A1-515 SCALE: 1/4" = 1'-0"



OUTDOOR STORAGE 116 FURNITURE & EQUIPMENT SCHEDULE				
ITEM NO	DESCRIPTION	SIZE	QUANTITY	NOTES
116				
28	STARTER SHELVING UNIT	48" W x 24" D x 84" H	2	LYON SHELVING PRODUCTS - 8336SH
35	VERTICAL BAR RACKS	36" W x 24" D x 84" H	2	GLOBAL INDUSTRIAL - 258298

3 OUTDOOR STORAGE - FURNITURE PLAN
A1-515 SCALE: 1/4" = 1'-0"



WORKSHOP 112 & BOAT WASH 117 FURNITURE & EQUIPMENT SCHEDULE				
ITEM NO	DESCRIPTION	SIZE	QUANTITY	NOTES
112				
21	WORKBENCH W/ STORAGE	60" W x 30" D x 42" H	7	ULINE - H-6341 (BOTTOM SHELF IS HALF DEPTH, NOT FULL DEPTH)
22	PEGBOARD PANEL	18" W x 19" H	7	ULINE - H-5768
23	RADIUS EDGE CLEAR VIEW STORAGE	36" W x 18" D x 72" H	3	SANDUSKYLEE - ER4V 361872-00
32	SHOP STOOLS	14" D x 25-33" H	7	ULINE - H-2506
117				
16	STAINLESS STEEL CABINETS	36" W x 18" D x 72" H	2	SANDUSKYLEE - SA4V 361872-XX

4 WORKSHOP & BOAT WASH - FURNITURE PLAN
A1-515 SCALE: 1/4" = 1'-0"

Autodesk Docs/09290_02A_CAT-423 WFO-02A Waterfowl Mgmt Program/09290_02A_A_WFB.rvt 12/19/2022 3:50:00 PM

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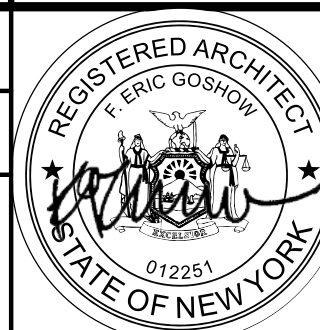
DESIGNED BY:
J. HYUN

DRAWN BY:
S. KINARD

CHECKED BY:
E. CLAASSEN

DESIGN LEAD:
EDWARD BARBOE, P.E.

Hazen



ACCOUNTABLE MANAGER
JOSE NIEVES
PORTFOLIO MANAGER
MARK DELBALZO, P.E.

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AND PAVING
MOUNT PLEASANT, NEW YORK
ARCHITECTURAL
ENLARGED FURNITURE PLANS & SCHEDULES

DATE: JANUARY 2023

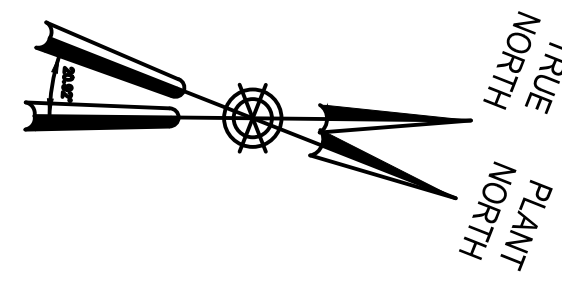
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SHEET NO:

75 OF No. 80

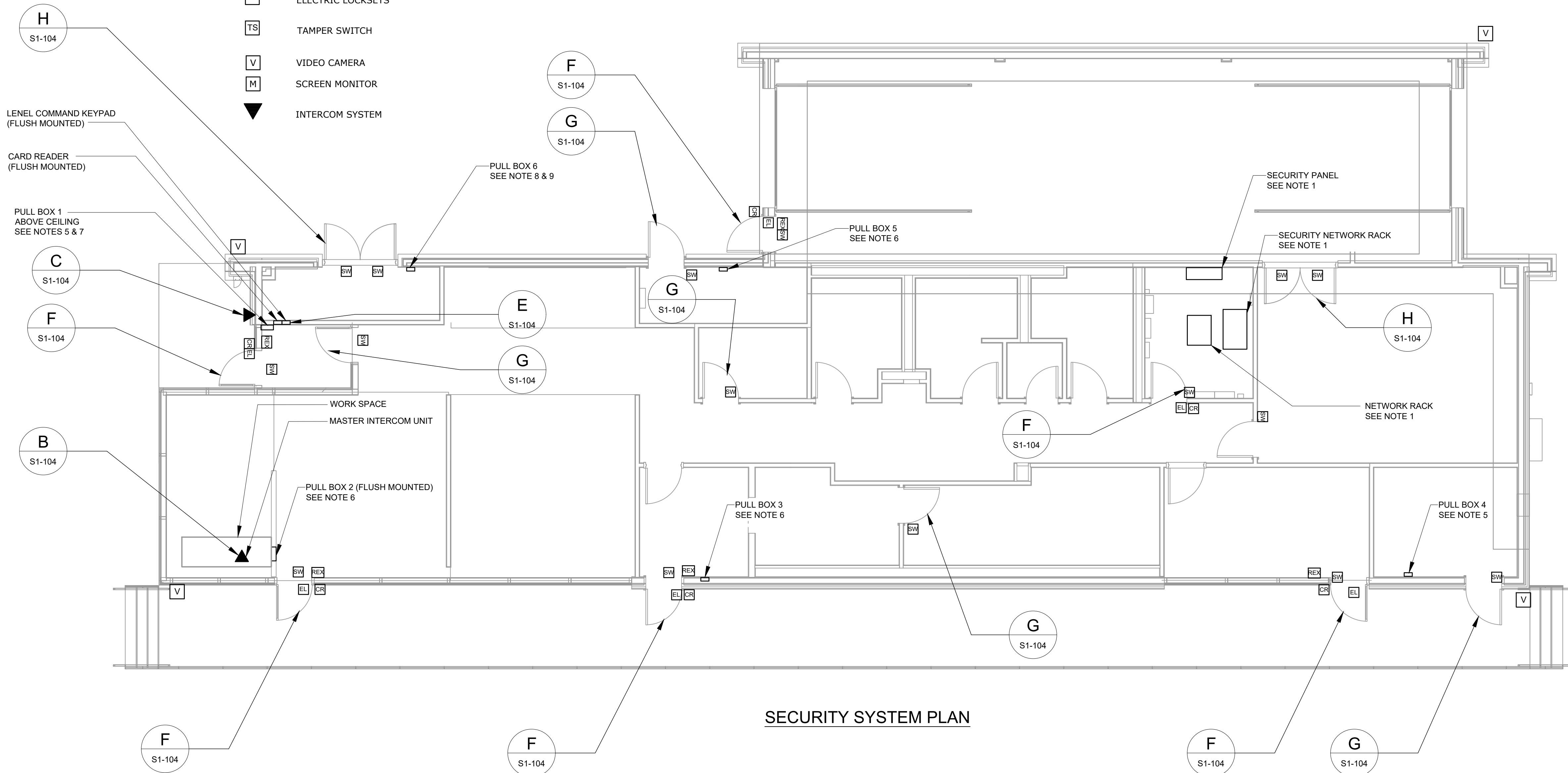
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A1-515



LEGEND

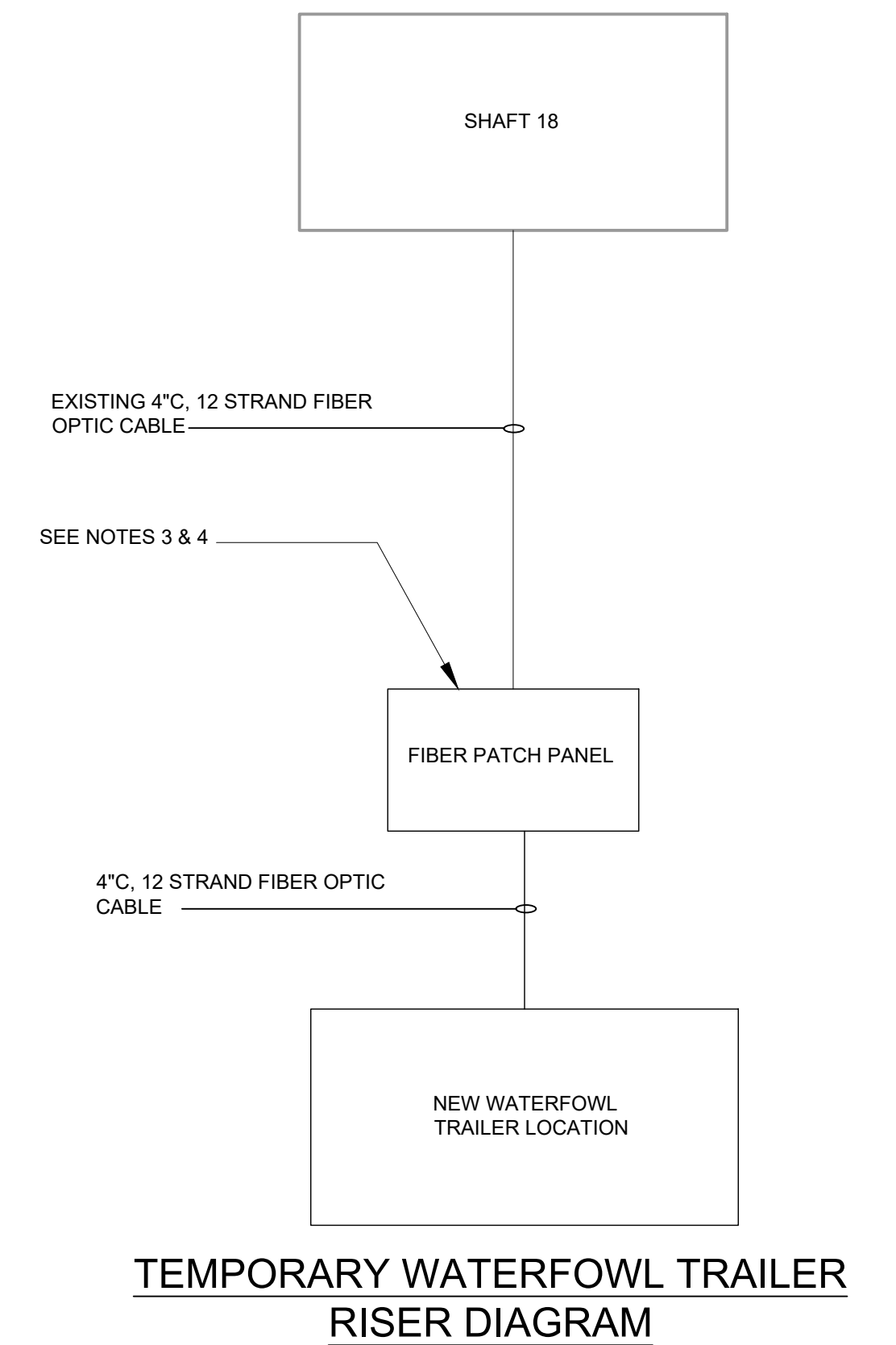
- AC ACCESS CONTROLLER
- CR CARD READER
- REX EMBEDDED REQUEST TO EXIT
- SW MAGNETIC MONITOR SWITCH
- EL ELECTRIC LOCKSETS
- TS TAMPER SWITCH
- V VIDEO CAMERA
- M SCREEN MONITOR
- INTERCOM SYSTEM



SECURITY SYSTEM PLAN

NOTES:

1. PROVIDE INTRUSION DETECTION TAMPER SWITCH FOR SECURITY PANEL, THE SECURITY NETWORK RACK, THE NETWORK RACK, AND THE FIBER PATCH PANEL.
2. EXISTING WATERFOWL TRAILER WILL BE MOVED TO A NEW LOCATION DURING CONSTRUCTION.
3. FURNISH, INSTALL, AND MAINTAIN DURING CONSTRUCTION A NEMA 3R, 12PORT FIBER PATCH PANEL AT THE LOCATION OF EXISTING WATERFOWL TRAILER.
4. FURNISH AND INSTALL NECESSARY HARDWARE FOR SUPPORTING THE FIBER PATCH PANEL.
5. FURNISH AND INSTALL A 12"H X 12"W X 4"D NEMA 12 PULL BOX.
6. FURNISH AND INSTALL A 16"H X 14"W X 3"D NEMA 12 PULL BOX.
7. SEE ARCHITECTURAL DRAWING A1-103 FOR DETAILS ON THE ACCESS PANEL TO PULL BOX 1.
8. FURNISH AND INSTALL A 8"H X 8"W X 4"D NEMA 12 PULL BOX.
9. MOUNT PULL BOX 7' 7" ABOVE FURNISHED FLOOR.



TEMPORARY WATERFOWL TRAILER RISER DIAGRAM

File: C:\BIM\VAZEN\PROJECTS\SECURITY PLAN.dwg Date: 1/11/2023 2:44 PM

NO.	DATE	REVISIONS/DESCRIPTION	APPR'D

DESIGNED BY:
Y. ABDALLA

CHECKED BY:
H. HARRY

DRAWN BY:
Y. ABDALLA

DESIGN LEAD:
G. MARKOU



ACCOUNTABLE MANAGER
JOSE NIEVES

PROJECT MANAGER
MARK DELBALZO, P.E.

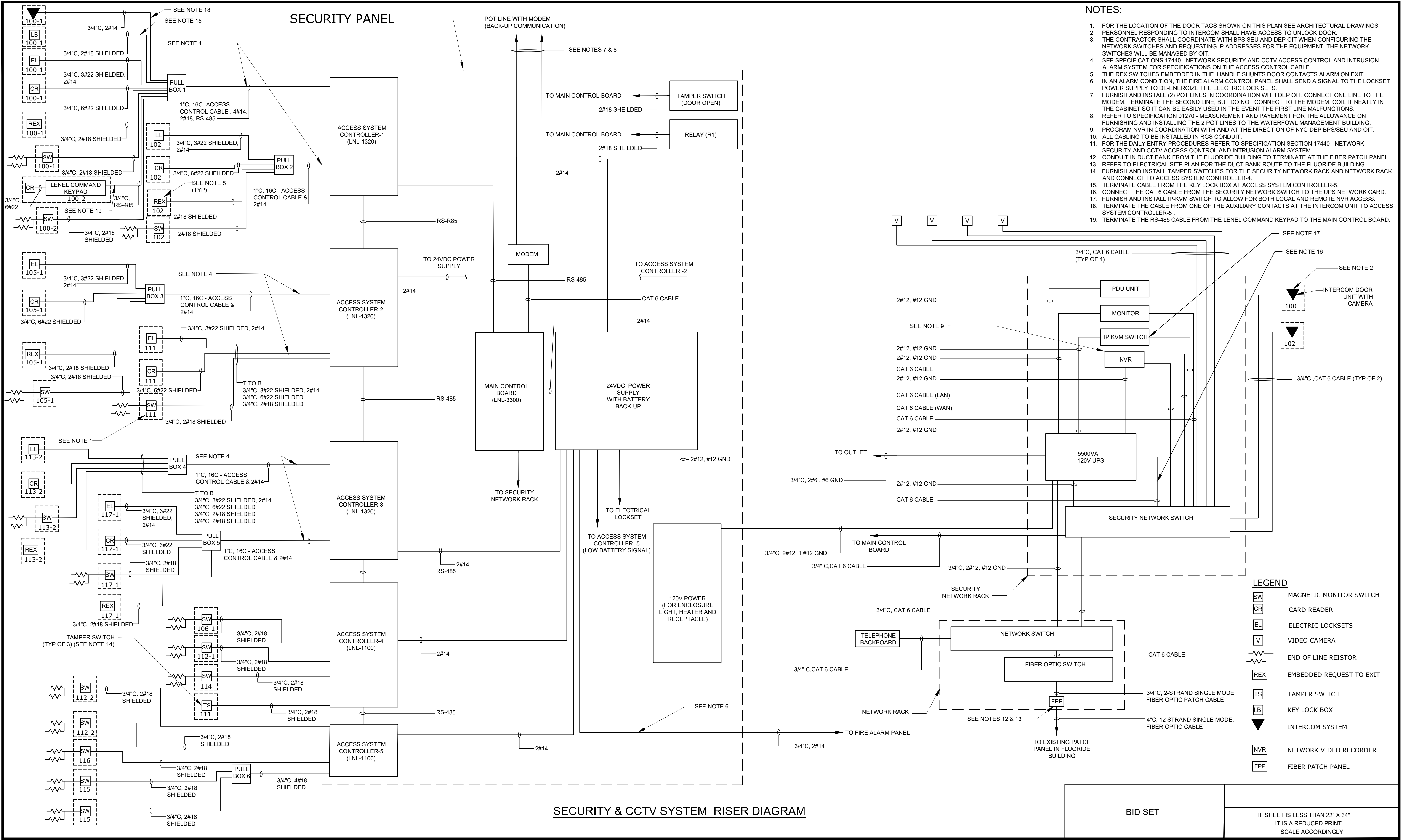
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WATERFOWL MANAGEMENT PROGRAM BUILDING AND PAVING MOUNT PLEASANT, NEW YORK SECURITY SYSTEM PLAN	DATE: JANUARY 2023
	SCALE: 1" = 20'
	SHEET NO: 76 OF No. 80
	DRAWING NO. SC1-100



SECURITY & CCTV SYSTEM RISER DIAGRAM

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Y. ABDALLA

CHECKED BY:
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DRAWN BY:
Y. ABDALLA

DESIGN LEAD:
G. MARKOU



ACCOUNTABLE MANAGER
JOSE NIEVES

PROJECT MANAGER
MARK DELBALZO, P.E.

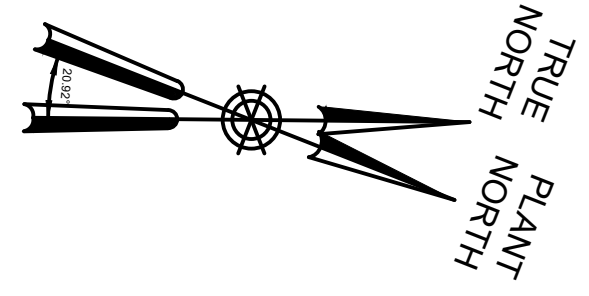
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WATERFOWL MANAGEMENT PROGRAM BUILDING
AND PAVING
MOUNT PLEASANT, NEW YORK
SECURITY SYSTEM
RISER DIAGRAM

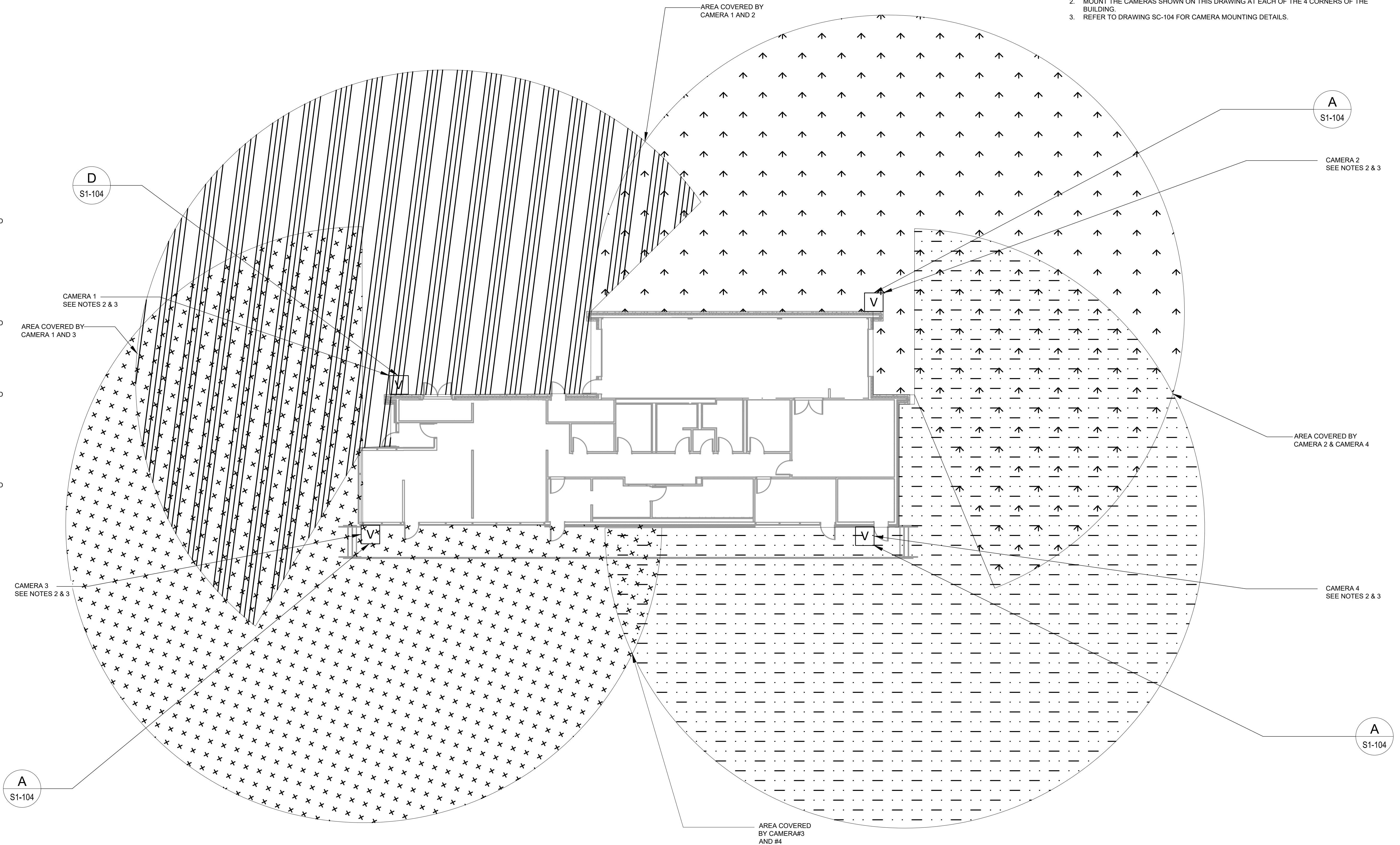
DATE: JANUARY 2023
SCALE: NONE
SHEET NO: 77 OF No. 80
DRAWING NO. SC1-101

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- NOTES:**
1. CAMERA RESOLUTION FOR THE 4 CAMERAS SHOWN ON THIS DRAWING IS 2048 X 1536 PIXELS.
 2. MOUNT THE CAMERAS SHOWN ON THIS DRAWING AT EACH OF THE 4 CORNERS OF THE BUILDING.
 3. REFER TO DRAWING SC-104 FOR CAMERA MOUNTING DETAILS.

- LEGEND**
- V VIDEO CAMERA
 - AREA COVERED BY CAMERA 1
 - AREA COVERED BY CAMERA 2
 - AREA COVERED BY CAMERA 3
 - AREA COVERED BY CAMERA 4



A
S1-104

A
S1-104

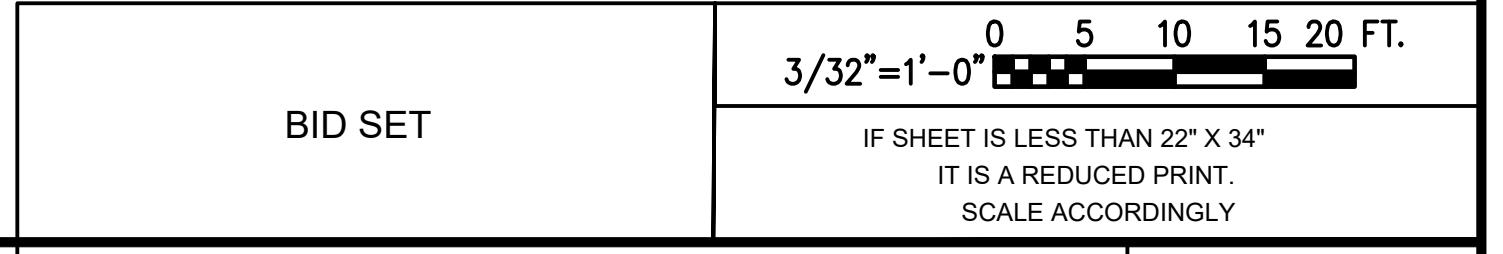
CAMERA 2
SEE NOTES 2 & 3

AREA COVERED BY
CAMERA 2 & CAMERA 4

CAMERA 4
SEE NOTES 2 & 3

A
S1-104

AREA COVERED
BY CAMERA#3
AND #4



NO.	DATE	REVISIONS/DESCRIPTION	APPR'D

DESIGNED BY:
Y. ABDALLA

DRAWN BY:
Y. ABDALLA

CHECKED BY:
H. HARRY

DESIGN LEAD:
G. MARKOU

Hazen



ACCOUNTABLE MANAGER
JOSE NIEVES

PROJECT MANAGER
MARK DELBALZO, P.E.

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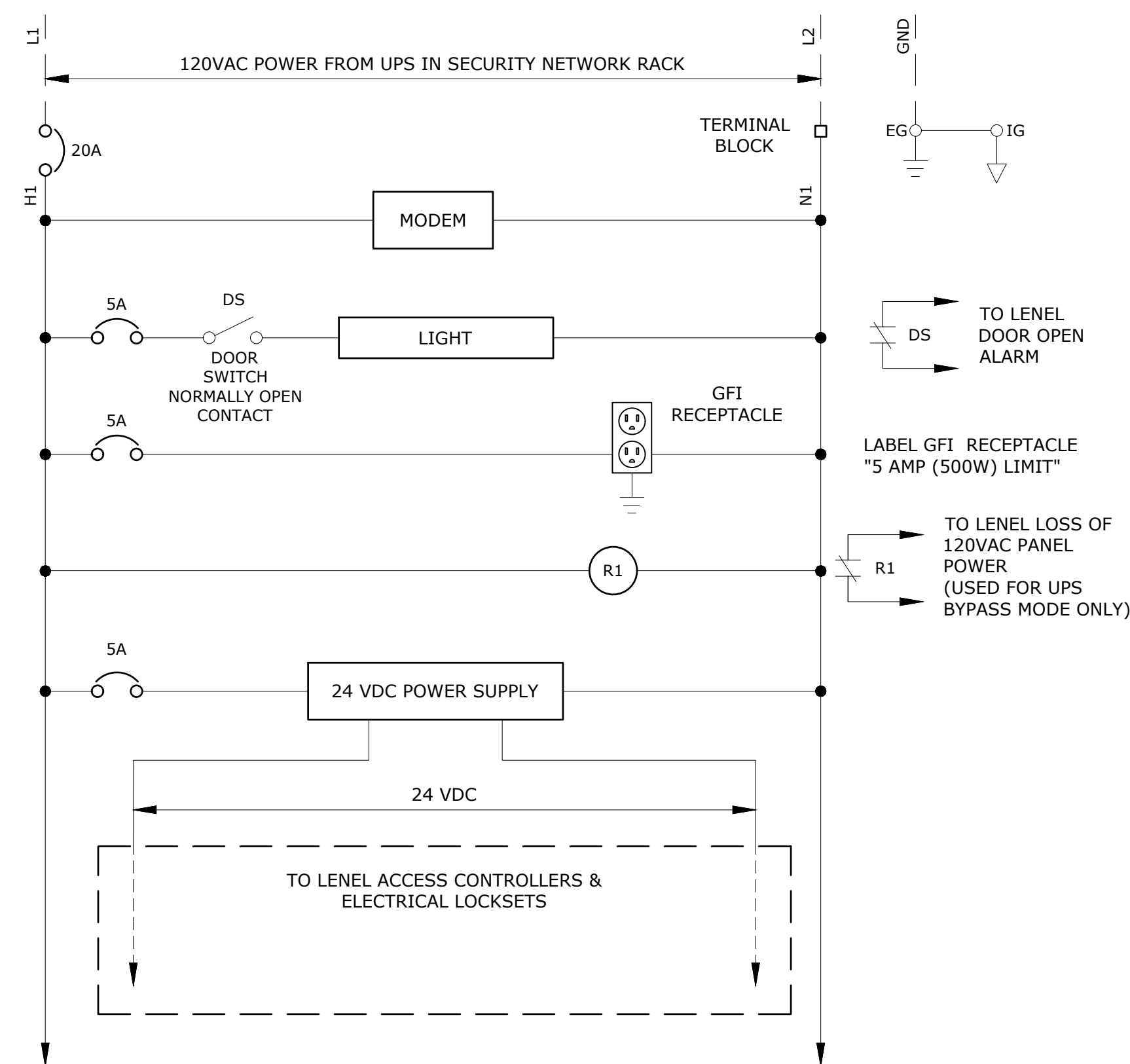
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WATERFOWL MANAGEMENT PROGRAM BUILDING
AND PAVING
MOUNT PLEASANT, NEW YORK
SECURITY SYSTEM
CCTV FOV PLAN

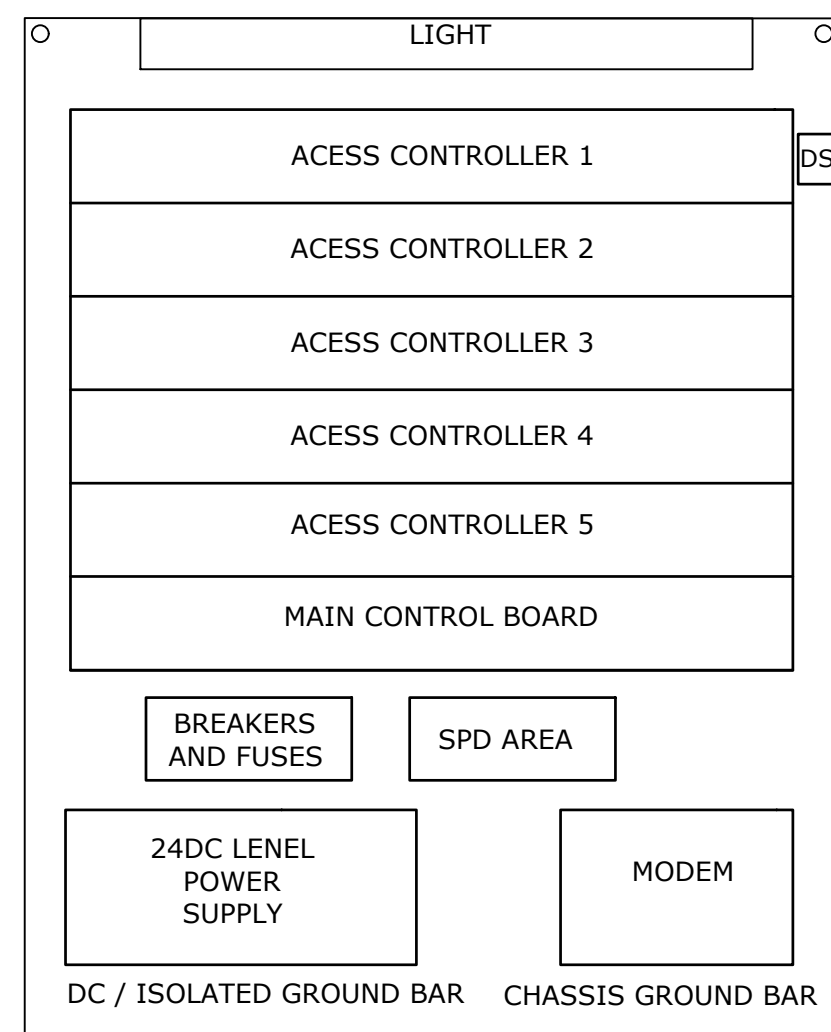
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SHEET NO:
78 OF No. 80
DRAWING NO.
SC1-102

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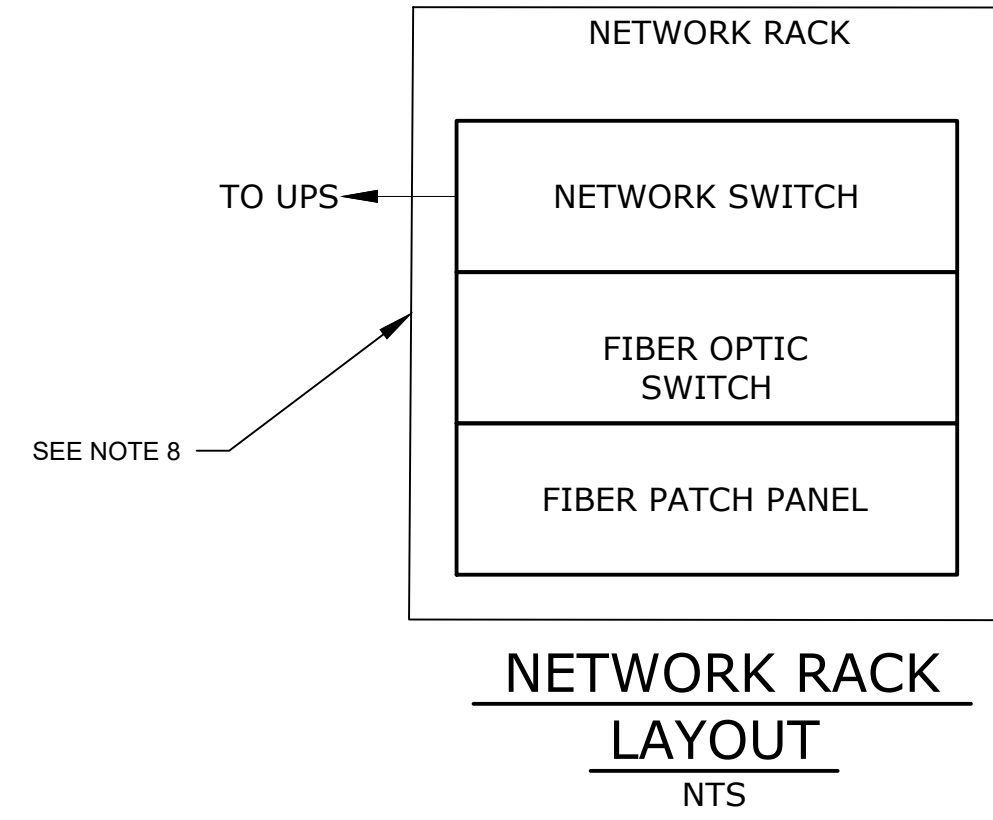
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SECURITY PANEL POWER WIRING DIAGRAM (120V)
NTS



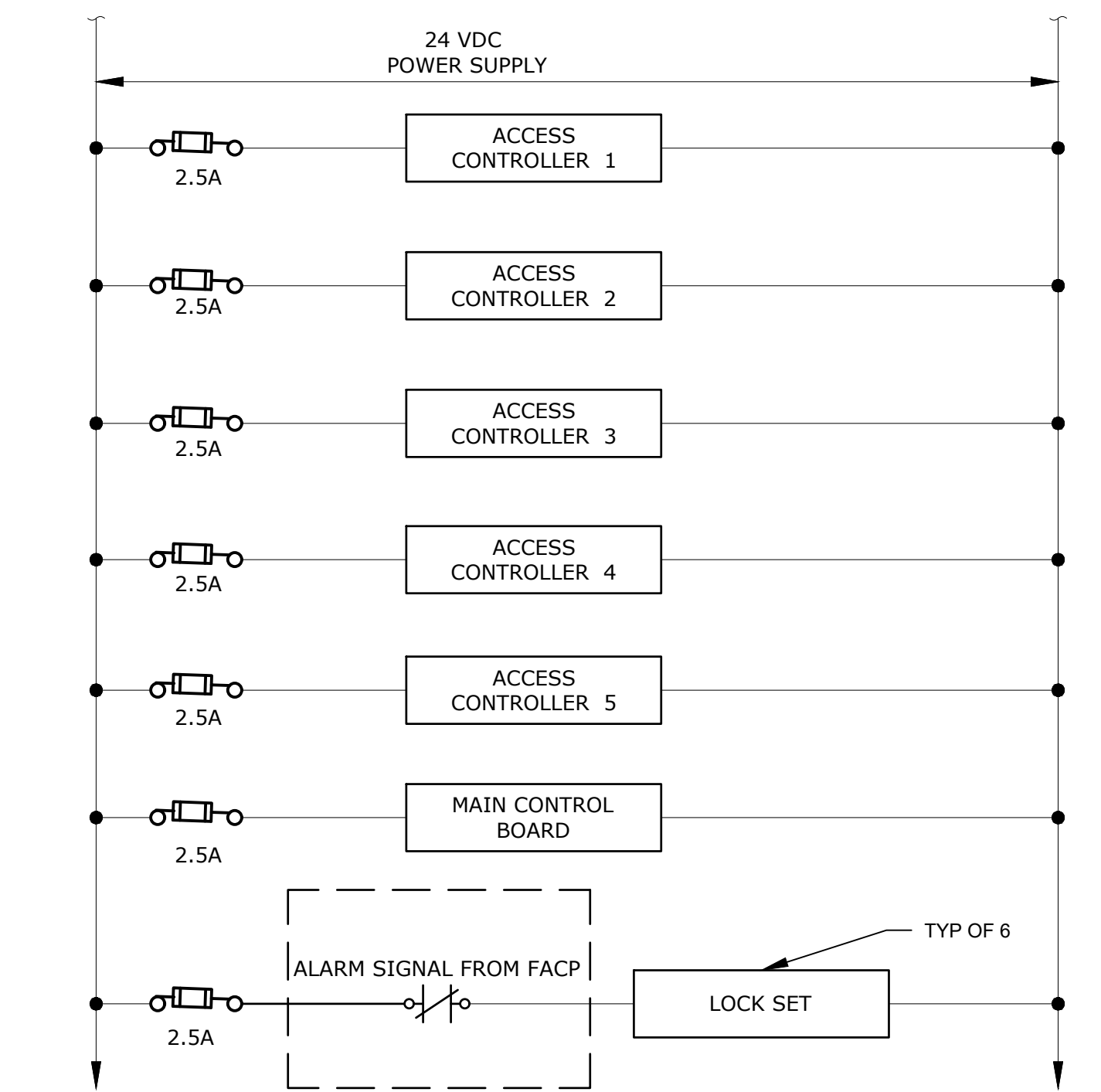
PANEL LAYOUT
SECURITY PANEL
NTS



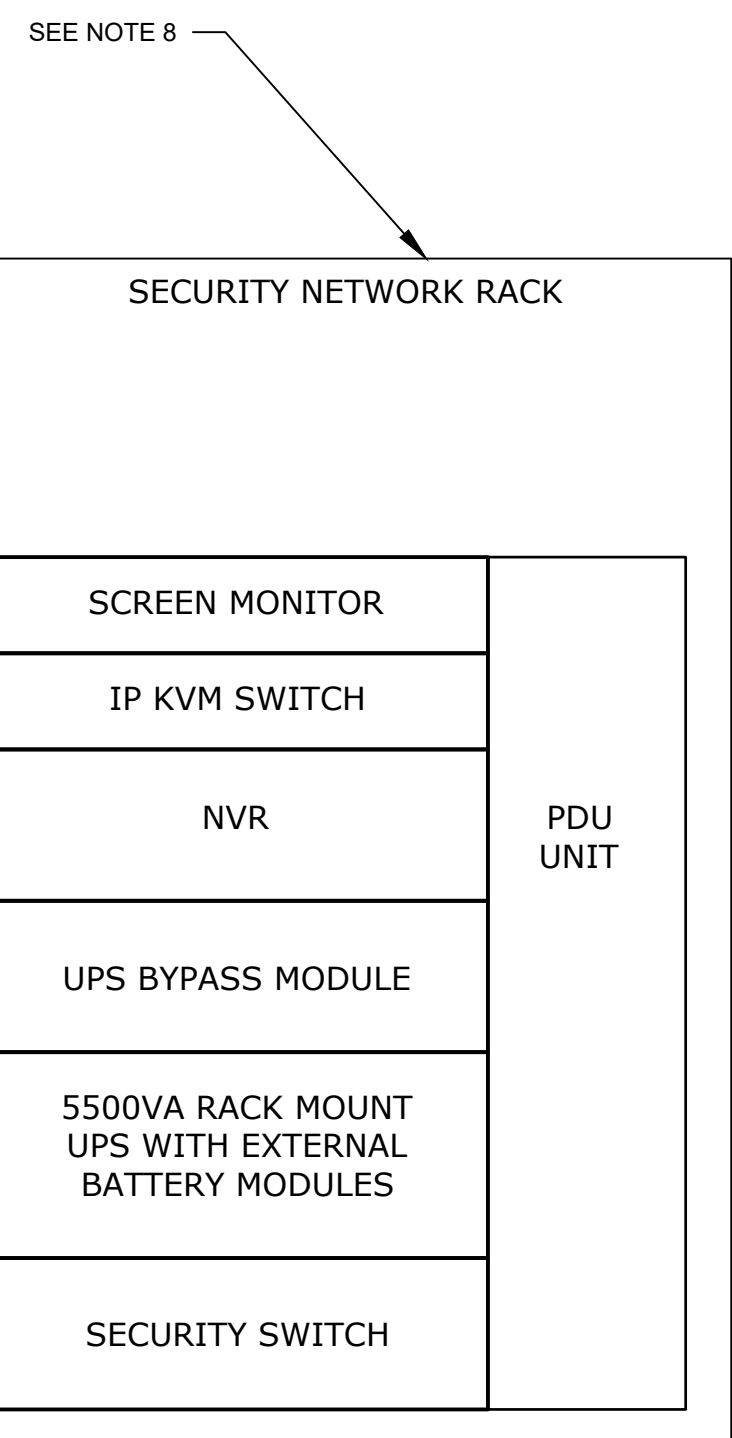
NETWORK RACK
LAYOUT
NTS

NOTES:

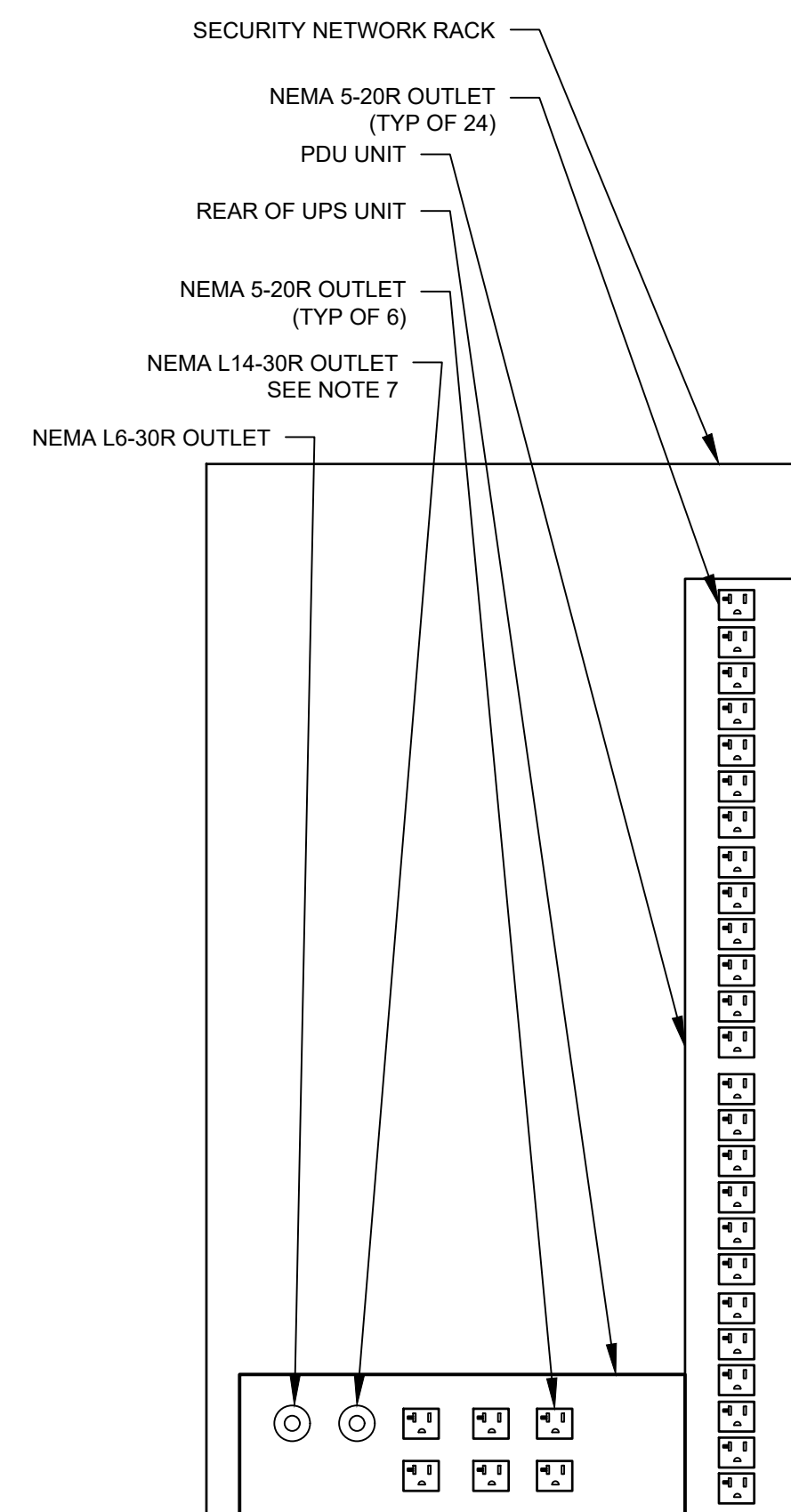
1. PROVIDE BOTH 12VDC AND 24VDC POWER SUPPLIES.
2. PANELS AND ENCLOSURES TO BE SIZED TO ACCOMMODATE ALL REQUIRED EQUIPMENT.
3. NEMA 12 RATING. ALL PENETRATIONS MUST BE ON THE BOTTOM OF THE PANEL.
4. PROVIDE TAMPER SWITCH ON BOTH THE SECURITY NETWORK RACK AND THE SECURITY PANEL. CONNECT TAMPER SWITCHES BACK TO LEVEL.
5. PROVIDE PROTECTION FOR BARE CIRCUIT BOARDS. SEE SPECIFICATION.
6. WIRING IS REPRESENTATIVE OF MANY DEVICES. PROVIDE FUSING AND POWER FOR EACH DEVICE.
7. OUTLET USED FOR THE PDU UNIT.
8. THE SECURITY NETWORK RACK AND NETWORK RACK SHALL BE AN OPEN FOUR POST RACK TYPE.



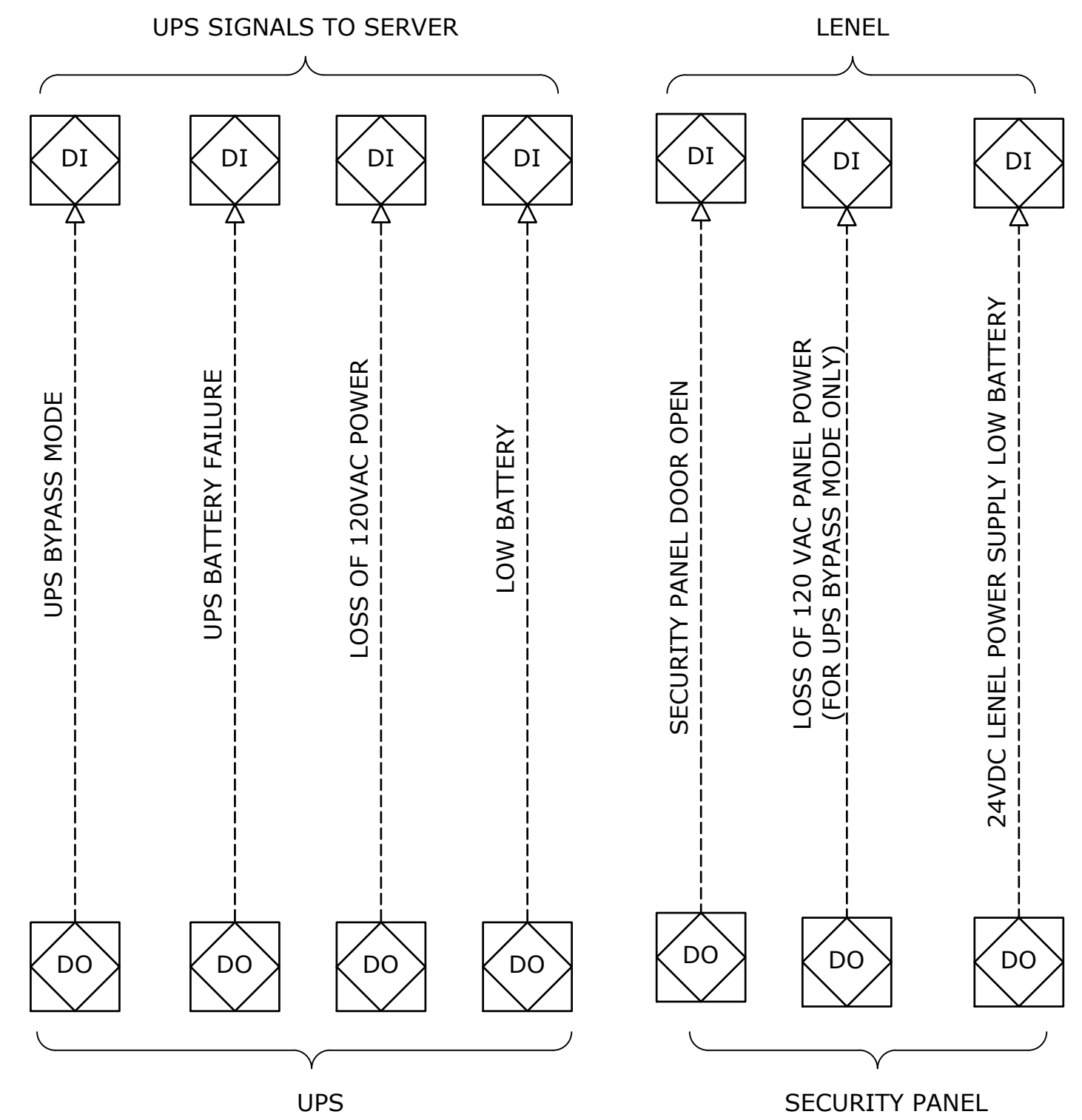
SECURITY PANEL LEVEL POWER WIRING 24VDC)
NTS



SECURITY NETWORK RACK
LAYOUT
NTS



OUTLETS
NTS



OUTPUTS SIGNALS
NTS

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NO.	DATE	REVISIONS/DESCRIPTION	APPR'D

DESIGNED BY:
Y. ABDALLA
CHECKED BY:
H. HARRY

DRAWN BY:
Y. ABDALLA
DESIGN LEAD:
G. MARKOU



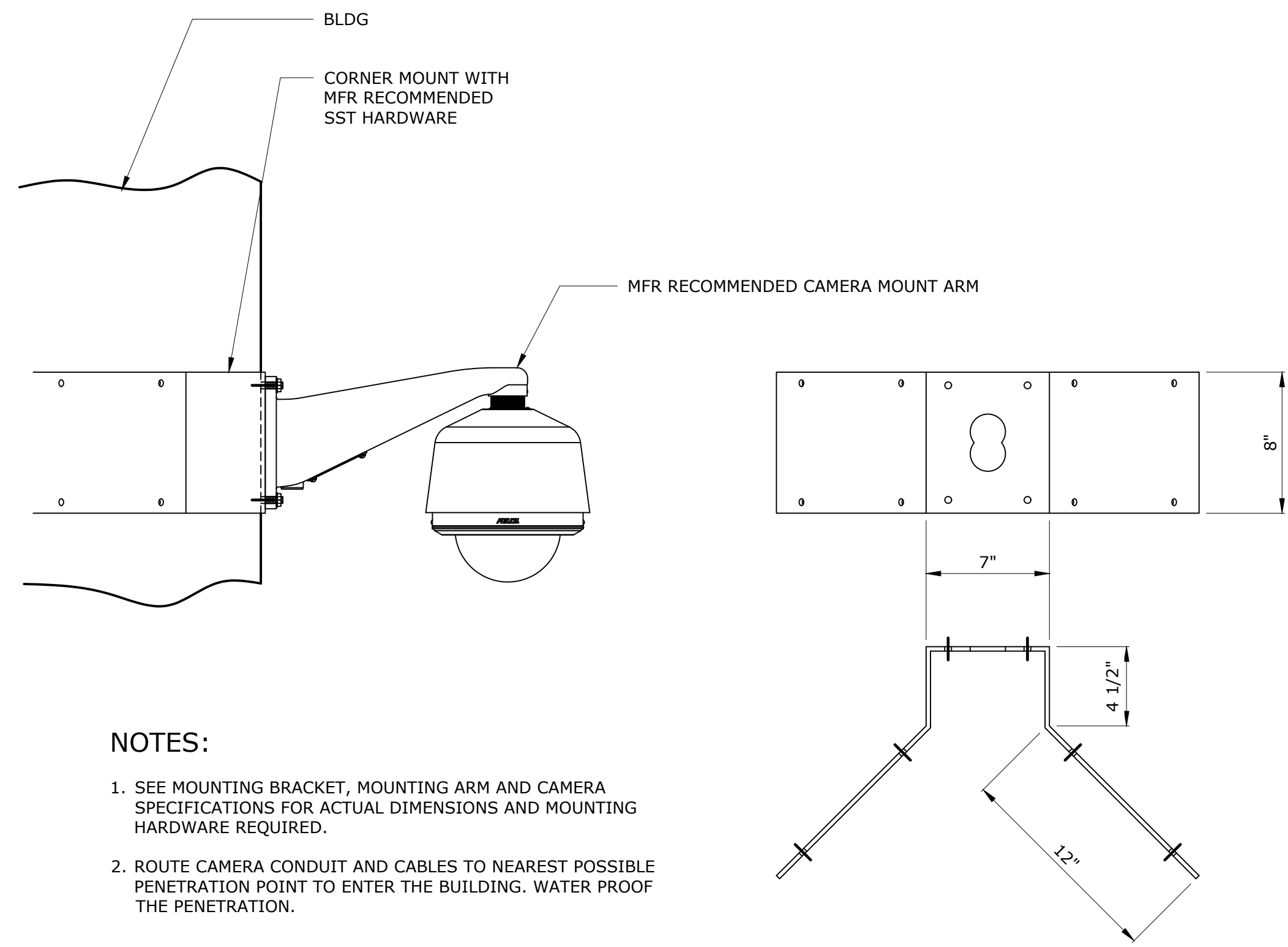
ACCOUNTABLE MANAGER
JOSE NIEVES
PROJECT MANAGER
MARK DELBALZO, P.E.

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	DATE: JANUARY 2023 SCALE: NONE SHEET NO: 79 OF No. 80 DRAWING NO. SC1-103

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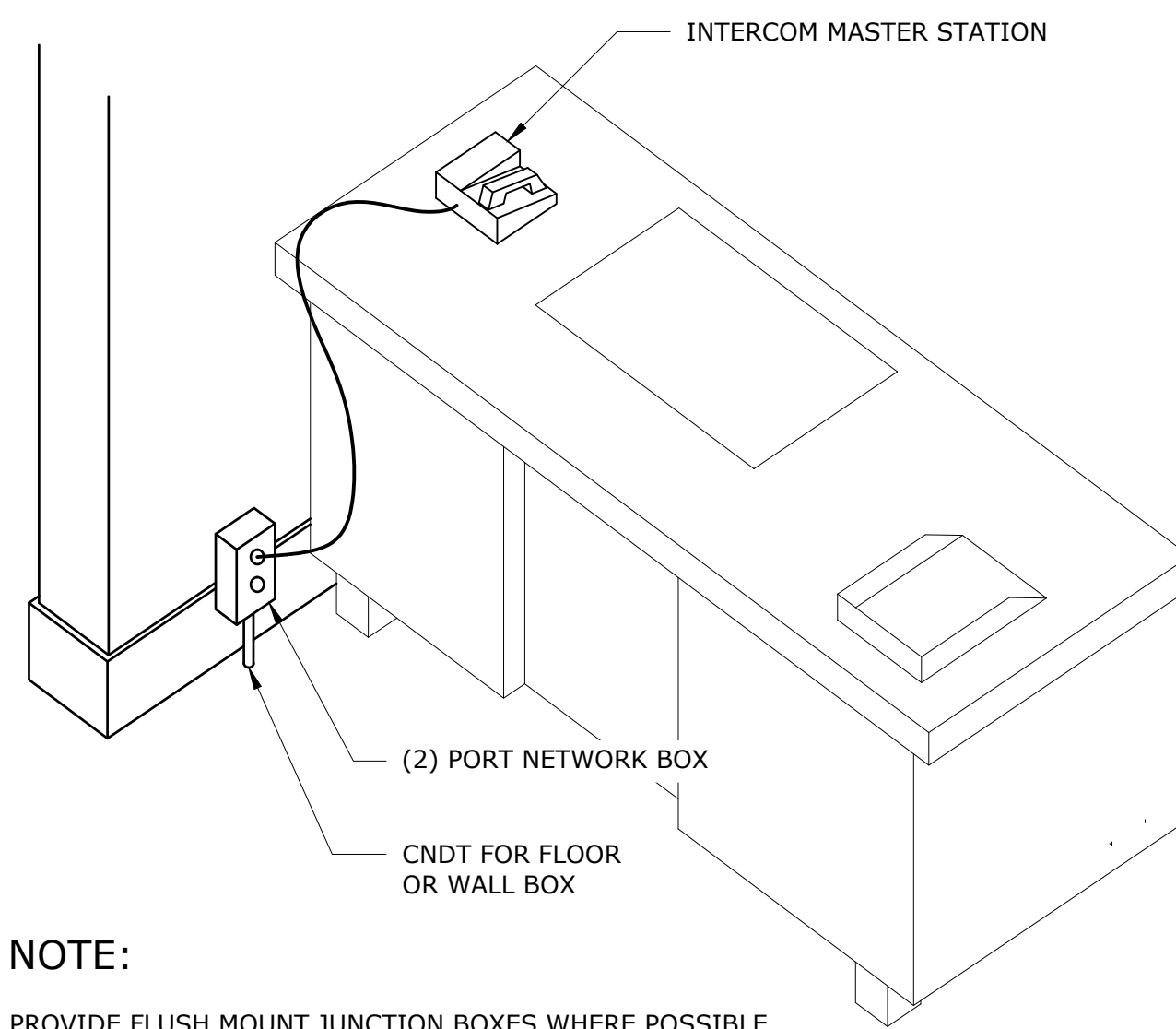


NOTES:

1. SEE MOUNTING BRACKET, MOUNTING ARM AND CAMERA SPECIFICATIONS FOR ACTUAL DIMENSIONS AND MOUNTING HARDWARE REQUIRED.
2. ROUTE CAMERA CONDUIT AND CABLES TO NEAREST POSSIBLE PENETRATION POINT TO ENTER THE BUILDING. WATER PROOF THE PENETRATION.

A EXTERIOR CORNER MOUNT DOME CAMERA

SC1-102 SCALE: NTS

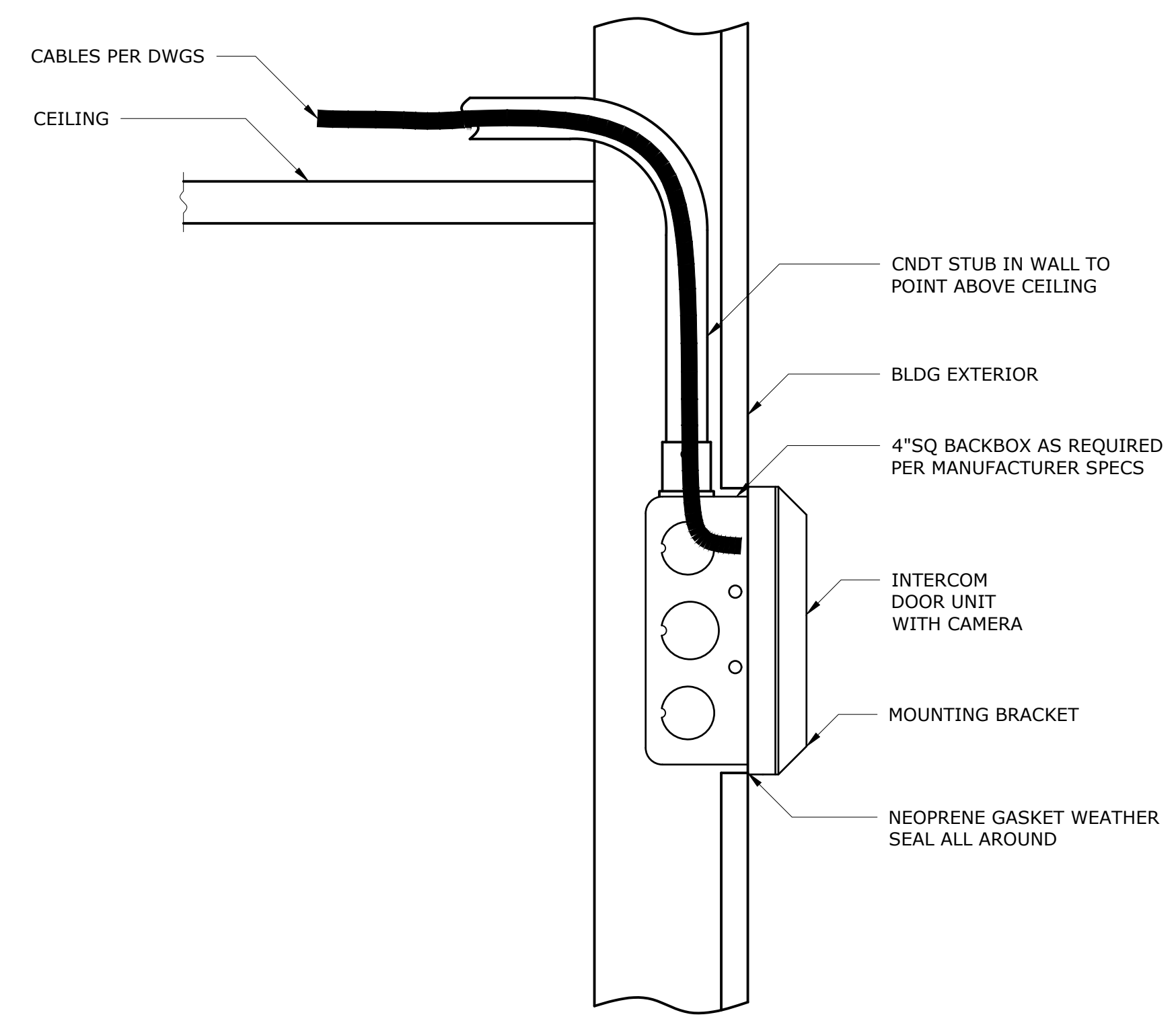


NOTE:

PROVIDE FLUSH MOUNT JUNCTION BOXES WHERE POSSIBLE.

B INTERCOM MASTER STATION

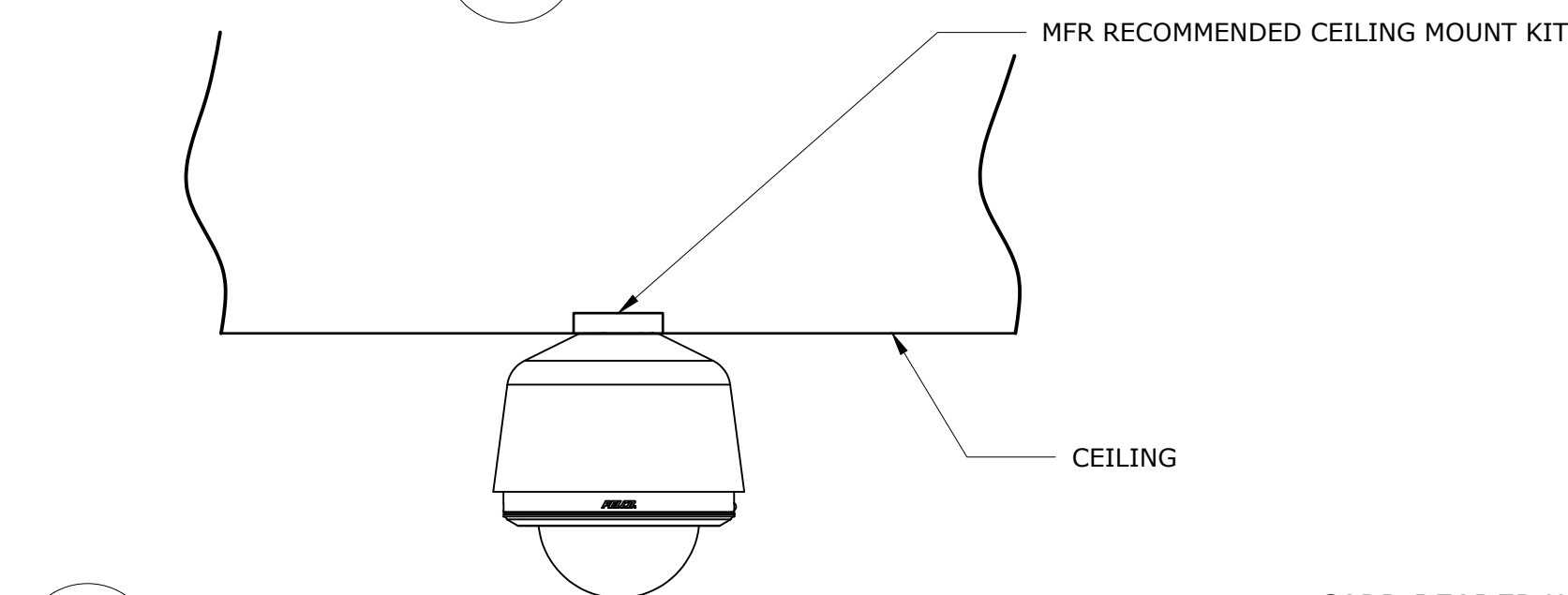
SC1-100 SCALE: NTS



NOTE: PROVIDE STANDARD 4" SQ. BACKBOX - WEATHERPROOF TYPE FOR ALL EXTERIOR MOUNTED APPLICATIONS

C INTERCOM DOOR STATION

SC1-100 SCALE: NTS

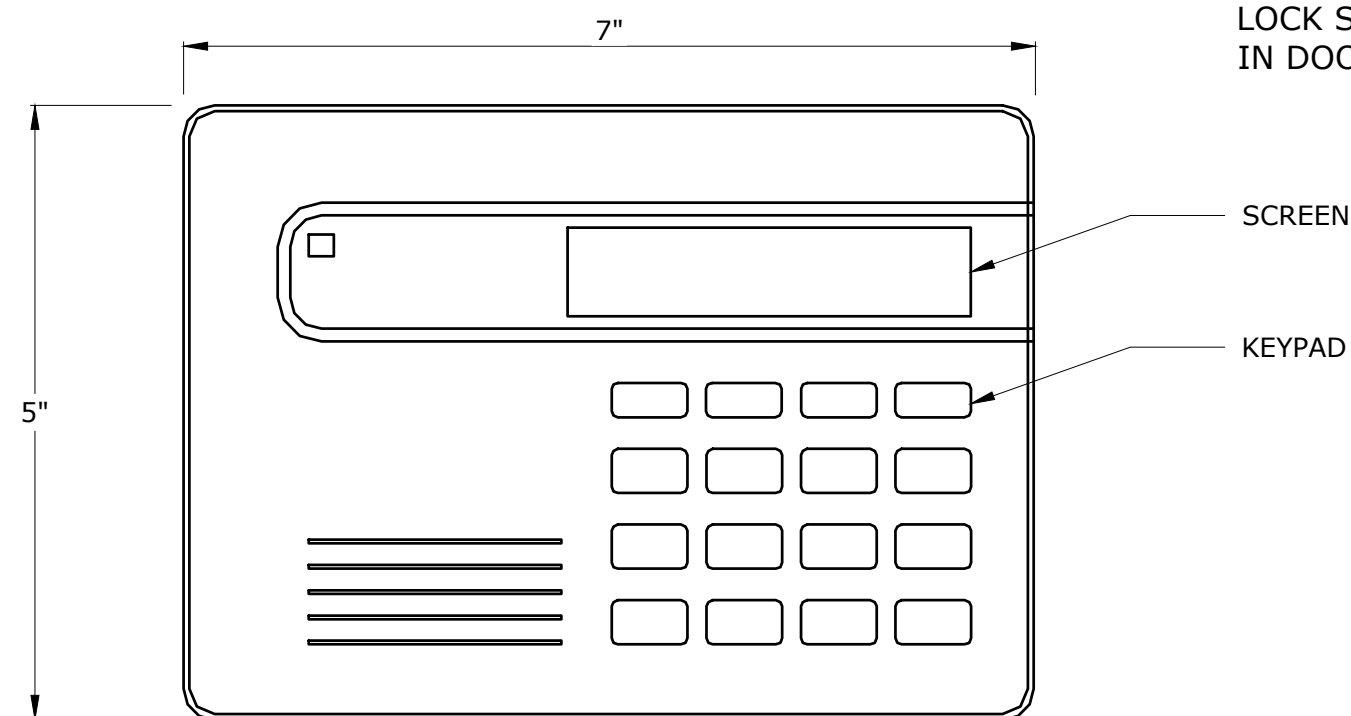


D CEILING MOUNT DOME CAMERA

SC1-102 SCALE: NTS

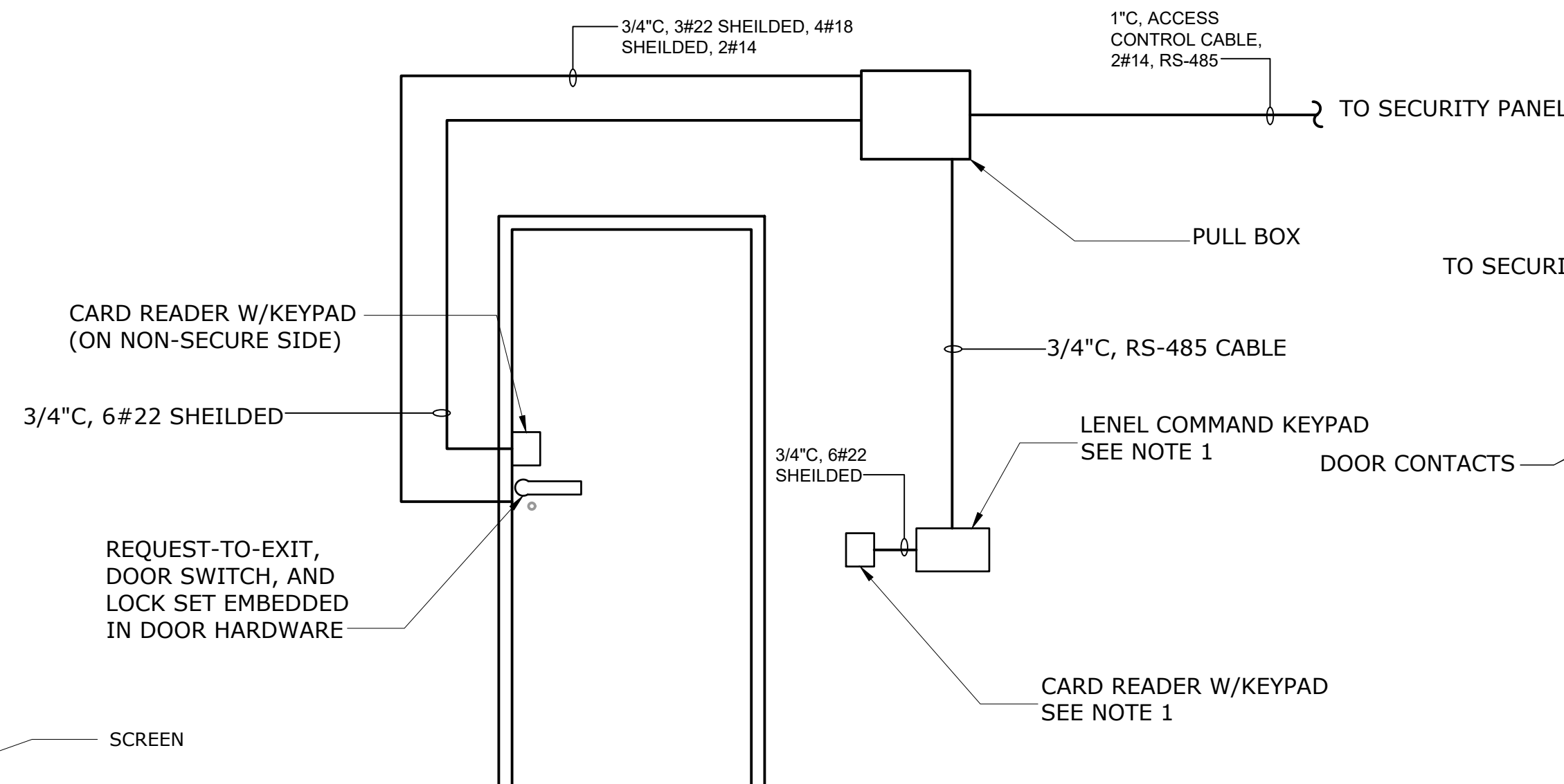
NOTES:

1. SEE MOUNTING BRACKET, AND CAMERA SPECIFICATIONS FOR ACTUAL DIMENSIONS AND MOUNTING HARDWARE REQUIRED.
2. ROUTE CAMERA CONDUIT AND CABLES TO NEAREST POSSIBLE PENETRATION POINT TO ENTER THE BUILDING. WATER PROOF THE PENETRATION.



E LENEL COMMAND KEYPAD

SC1-100 SCALE: NTS

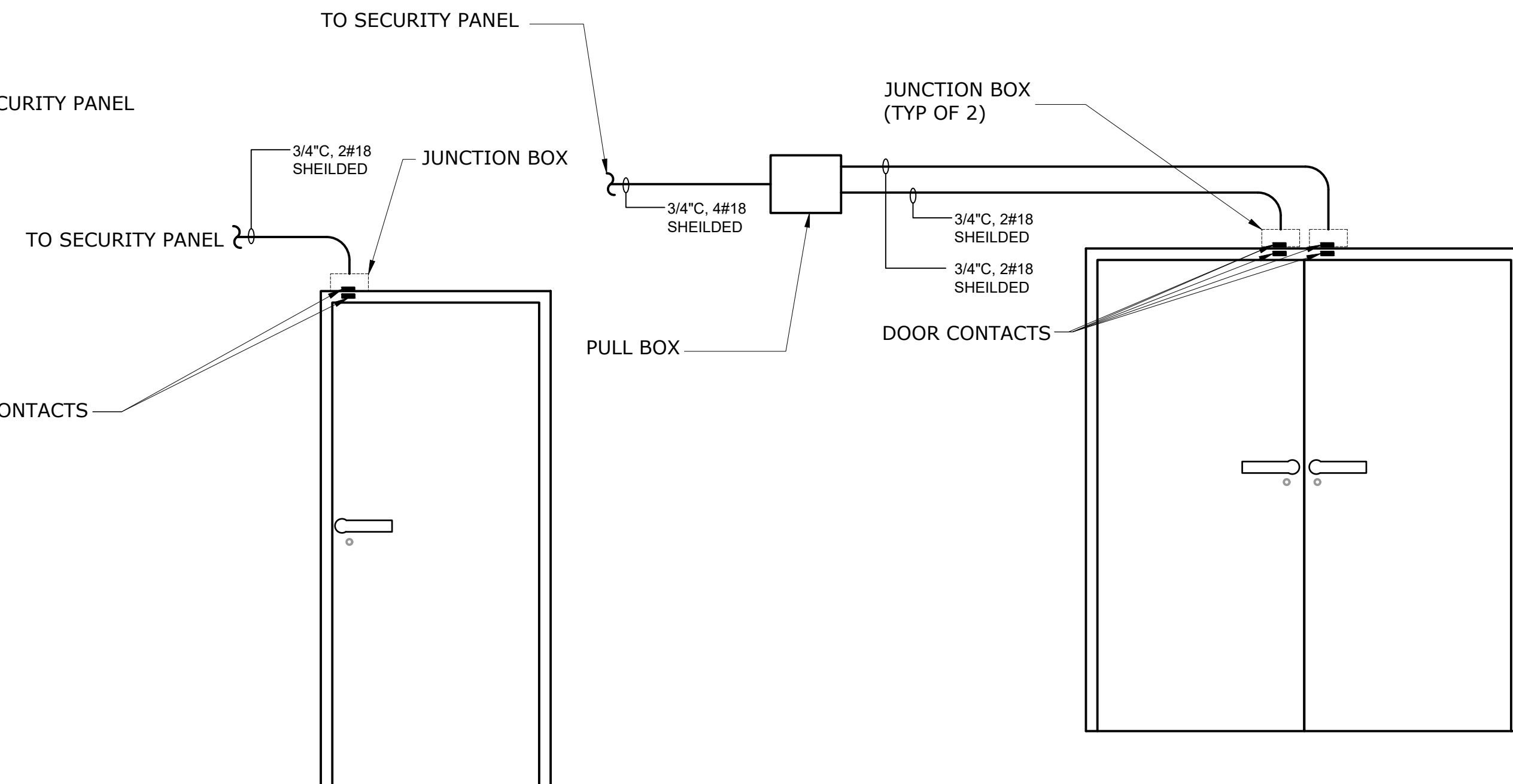


NOTES:

1. THE LENEL COMMAND KEYPAD AND CARD READER SHOWN IN THIS DETAIL IS ONLY APPLICABLE TO DOOR 100-1.

F SINGLE DOOR - SECURE SIDE

SC1-100 SCALE: NTS



G SINGLE DOOR - SECURE SIDE

SC1-100 SCALE: NTS

H DOUBLE DOOR - SECURE SIDE

SC1-100 SCALE: NTS

File: C:\BIM\VAZIRI\PROJECTS\DETAILS\Drawn by: PINKERT Show date: 2/27/2021 10:37 AM

NO.	DATE	REVISIONS/DESCRIPTION	APPR'D

DESIGNED BY:
Y. ABDALLA
CHECKED BY:
H. HARRY

DRAWN BY:
Y. ABDALLA
DESIGN LEAD:
G. MARKOU



ACCOUNTABLE MANAGER
JOSE NIEVES
PROJECT MANAGER
MARK DELBALZO, P.E.

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WATERFOWL MANAGEMENT PROGRAM BUILDING AND PAVING
MOUNT PLEASANT, NEW YORK
SECURITY SYSTEM DETAILS

DATE: JANUARY 2023
SCALE: NONE
SHEET NO: 80 OF No. 80
DRAWING NO. SC1-104