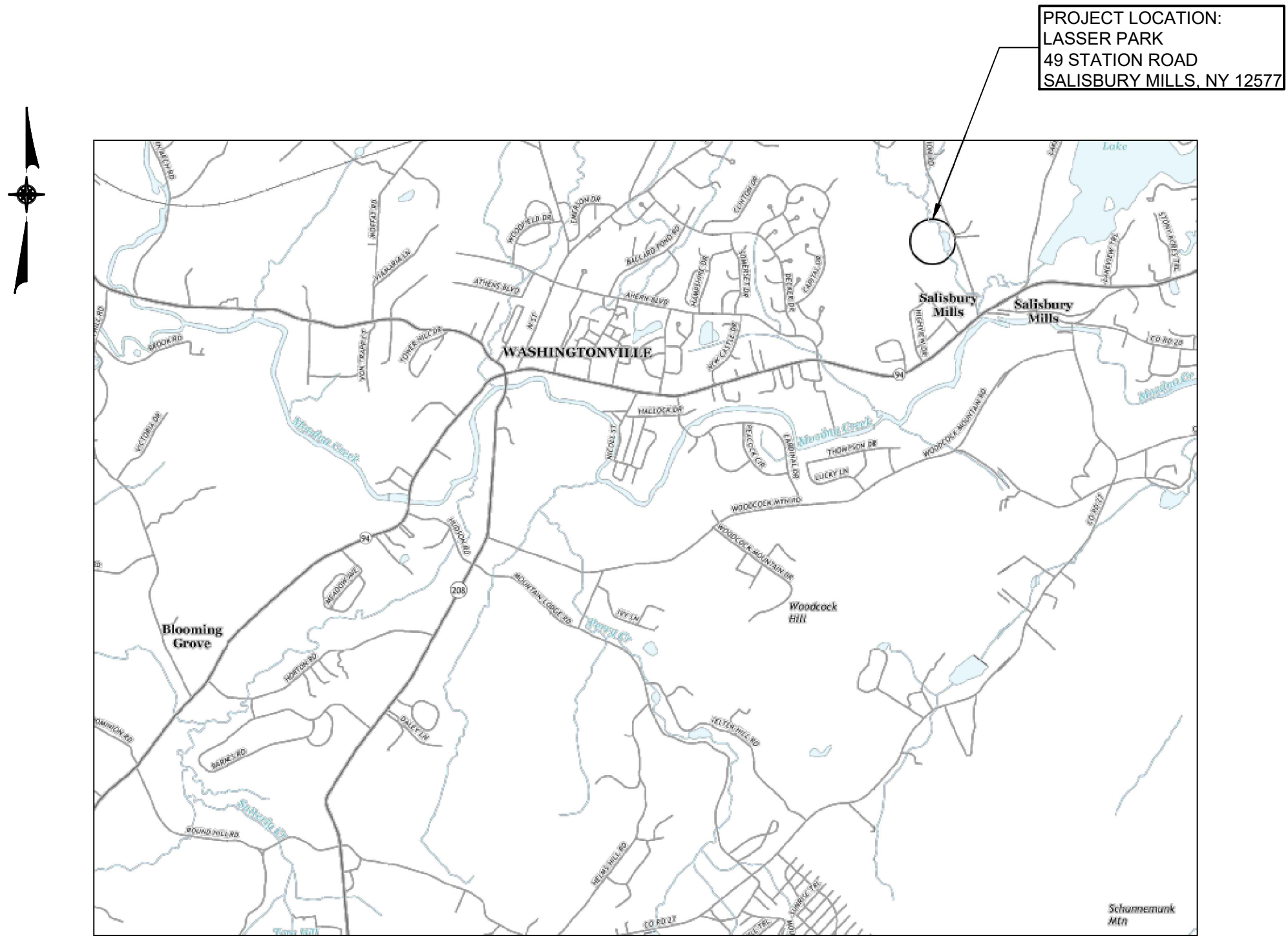


# TOWN OF BLOOMING GROVE

## LASSER PARK SENIOR CENTER CONTRACT 2: ENTRY PORCH, DECK, AND SITEWORK

AUGUST 2023



LOCATION MAP  
N.T.S.



### DRAWING LIST

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ABBREVIATIONS

(A)	ABANDONED	HP	HORSEPOWER
ADDL	ADDITIONAL	HWR	HOT WATER RETURN
AFF	ABOVE FINISHED FLOOR	HWS	HOT WATER SUPPLY
AIC	AMPERE INTERRUPTING CAPACITY	HYP	HYPOCHLORITE
ALUM	ALUMINUM	ID	INSIDE DIAMETER
AOBE	AS ORDERED BY ENGINEER	IJ	ISOLATION JOINT
ARV	AIR RELEASE VALVE	INF	INFLUENT
AT	ASTRONOMIC TIMER	INT	INTERIOR
B, BOT	BOTTOM	INV.	INVERT ELEVATION
BC	BOTTOM OF CURB	LBS, #	POUNDS
BF	BLIND FLANGE	LF	LINEAR FEET
BFV	BUTTERFLY VALVE	LP	LOW POINT
BLW	BLOWOFF	LS	LIMIT SWITCH
BM	BEAM	MAX	MAXIMUM
BP, BYP	BY PASS	MCC	MOTOR CONTROL CENTER
BPWW	BACKWASH WATER	MECH	MECHANICAL
BV	BALL VALVE	MFG	MANUFACTURER
BWW	BELT PRESS WASH WATER	MH	MANHOLE
C	CONDUIT OR CONDENSATE	MIN	MINIMUM
CL	CLEARANCE OR CENTERLINE	MJ	MECHANICAL JOINT
C.I.	CAST IRON	MO	MASONRY OPENING
C.O.	CLEAN OUT	MOPO	MAINTENANCE OF PLANT OPERATIONS
CB	CIRCUIT BREAKER/CATCH BASIN	MWR	MUDWELL RETURN
CCT	CHLORINE CONTACT TANK	NC	NORMALLY CLOSED
CHL	CHLORINE	NEC	NATIONAL ELECTRICAL CODE
CJ	CONSTRUCTION JOINT	NO	NUMBER OR NORMALLY OPEN
COL	COLUMN	NTS	NOT TO SCALE
CMU	CONCRETE MASONRY UNIT	OC, O/C	ON CENTER
CONC	CONCRETE	OD	OUTSIDE DIAMETER
CONT	CONTINUE, CONTINUOUS	OE	OVERHEAD ELECTRIC
CP	CONTROL PANEL	OF	OUTFALL
CPT	CONTROL POWER TRANSFORMER	OPNG	OPENING
CR	CORROSION RESISTANT	OT	OVERHEAD TELEPHONE
CU	COPPER	OVF	OVERFLOW
CV	CHECK VALVE	PB	PULLBOX
D	DRAIN	PD	PLANT DRAIN
DET	DETAIL	PE	PLANT EFFLUENT
DFB	DENITE FILTER BACKWASH	PL	PLATE OR PROPERTY LINE
DFE	DENITE FILTER EFFLUENT	PLV	PLUG VALVE
DFI	DENITE FILTER INFLUENT	PS	PRESSURE SWITCH OR PRIMARY SLUDGE
DFIB	DENITE FILTER INFLUENT BACKWASH	PVC	POLYVINYL CHLORIDE PIPE
DG	DIGESTER GAS	RAS	RETURN ACTIVATED SLUDGE
DI	DUCTILE IRON	RCP	REINFORCED CONCRETE PIPE
DIA.	DIAMETER	RD	ROOF DRAIN
DIS	DISCHARGE	REC	RECIRCULATION
DMH	DRAIN MANHOLE	RED	REDUCER
DPI	DIFFERENTIAL PRESSURE INDICATOR	REINF	REINFORCE, REINFORCING
DPS	DIFFERENTIAL PRESSURE SWITCH	REQD	REQUIRED
DS	DOOR MOUNTED SWITCH (INTRUSION ALARM)	RPZ	REDUCED PRESSURE BACKFLOW PREVENTER
DSL	DIGESTED SLUDGE	RSL	RAW SLUDGE
DWG(S)	DRAWING(S)	RVSS	REDUCED VOLTAGE SOLID STATE STARTER
DWLS	DOWELS	S	SANITARY SEWER OR SEWAGE
E	ELECTRIC	SC	SCREENINGS OR SCUM
EA	EACH	SCH	SCHEDULE
EC	ELECTRICAL CONTRACTOR	SCW	SCRUBBER WATER
EE	EACH END	SFM	SLUDGE FORCE MAIN
EF	EACH FACE	SH	SODIUM HYDROXIDE
EFF	EFFLUENT	SL	SLUDGE
EH	ELECTRICAL HANDHOLE	SLW	SLUDGE WITHDRAWAL
EJ	EXPANSION JOINT	SN	SUPERNATANT
EL,ELEV	ELEVATION	SPECS	SPECIFICATIONS
ELL	ELBOW	SQ.	SQUARE
EOF	EMERGENCY OVERFLOW	SQ. FT./SF	SQUARE FEET
EP	EDGE OF PAVEMENT	STD	STANDARD
EQ	EQUAL	STN. STL./SS	STAINLESS STEEL
EQUIP	EQUIPMENT	STRUCT	STRUCTURAL
ES	EACH SIDE	SUC	SUCTION
ETC	ET CETERA	SV	SOLENOID VALVE
EW	EACH WAY	SWR	SCRUBBER WATER RETURN
EWI	ELECTRIC WATER HEATER	T	TELEPHONE
EXIST.	EXISTING	T&B	TOP AND BOTTOM
EXP	EXPANSION	TB	TERMINAL BOX
EXT	EXTERIOR	TDC	TIME DELAY CLOSE
EMH	ELECTRICAL MANHOLE	TDO	TIME DELAY OPEN
EUH	ELECTRIC UNIT HEATER	TDR	TIME DELAY RELAY
F	FLOW SWITCH	TC	TOP OF CURB
F.F./FIN. FLR.	FINISHED FLOOR	THERM	THERMOSTAT
FBO	FURNISHED BY OTHERS	TOS	TOP OF STEEL
FND	FOUNDATION	TOW	TOP OF WALL
FE	FINAL EFFLUENT	TS	THICKENED SLUDGE
FI	FLOW INDICATOR	TYP	TYPICAL
FIL	FILTRATE	U.O.N	UNLESS OTHERWISE NOTED
FL	FLOOR	UPS	UNINTERRUPTIBLE POWER SUPPLY
FM	FORCE MAIN	V	VENT
FR	FRACTIONAL HORSEPOWER	VERT	VERTICAL
FRP	FIBERGLASS REINFORCED PLASTIC	VFD	VARIABLE FREQUENCY DRIVE
FS	FLOAT SWITCH	VIF	VERIFY IN FIELD
FTG	FOOTING	W	WATER
FVNR	FULL VOLTAGE NON-REVERSING STARTER	WI	WITH
G	GAS	WAS	WASTE ACTIVATED SLUDGE
GALV	GALVANIZED	WP	WEATHER-PROOF
GC	GENERAL CONTRACTOR	WS	WATER SERVICE
GFI	GROUND FAULT CIRCUIT INTERRUPTER	WW	WASHWATER
GS	GAS SERVICE	WWF	WELDED WIRE FABRIC
GV	GATE VALVE		
HDPE	HIGH DENSITY POLYETHYLENE		
HOA	HAND-OFF-AUTOMATIC SWITCH		
HOF	HEAT-OFF-FAN SWITCH		

CIVIL-EXISTING

	CURB
	CONTOUR
	SPOT ELEVATION
	TOP OF CURB ELEVATION BOTTOM OF CURB ELEVATION
	TREE
	TREE (EVERGREEN)
	VEGETATION LINE (HEDGES, LARGE SHRUBS, ETC.)
	UTILITY POLE
	LIGHT POLE
	FENCE
	SIGN
	GAS VALVE
	GAS METER
	WATER VALVE
	WATER METER
	HYDRANT
	STORM DRAIN MANHOLE
	CATCH BASIN
	SANITARY SEWER MANHOLE
	ELECTRIC MANHOLE
	TELEPHONE MANHOLE
	UNKNOWN MANHOLE
	GAS MAIN
	WATER MAIN
	SANITARY SEWER
	STORM DRAIN
	ELECTRIC LINE
	TELEPHONE LINE
	UNDERGROUND PROCESS PIPING (SEE ABBREVIATIONS FOR DESCRIPTIONS)

CIVIL-PROPOSED

	CONTOUR
	SPOT ELEVATION
	TOP OF CURB ELEVATION BOTTOM OF CURB ELEVATION
	BELGIAN BLOCK CURB
	TREE
	LIGHT POLE
	FENCE
	STORM DRAIN MANHOLE
	YARD INLET
	CATCH BASIN
	SANITARY SEWER MANHOLE
	ELECTRIC MANHOLE
	TELEPHONE MANHOLE
	WATER MAIN
	SANITARY SEWER
	STORM DRAIN
	ELECTRIC LINE
	TELEPHONE LINE
	UNDERGROUND PROCESS PIPING (SEE ABBREVIATIONS FOR DESCRIPTIONS)
	ASPHALT PAVEMENT
	CONCRETE
	GRAVEL
	SILT FENCE
	STORM DRAIN INLET FILTER
	SODDING
	PIPE SLOPE DRAIN
	PERIMETER/DIKE SWALE

MECHANICAL/PLUMBING

	AIR RELEASE VALVE
	GATE VALVE
	BACK PRESSURE CONTROL VALVE
	BALL VALVE
	BUTTERFLY VALVE
	BUTTERFLY VALVE W/MOTORIZED ACTUATOR
	PLUG VALVE
	CHECK VALVE
	SOLENOID VALVE ASSEMBLY
	VENTURI METER
	FLANGED FITTING
	MECHANICAL JOINT FITTING
	UNION
	FLOW SWITCH, FLOW INDICATOR
	PRESSURE SWITCH
	FLOW TRANSMITTER
	CORPORATION STOP/ SERVICE CONNECTION
	WATER METER
	LIMIT SWITCH
	PRESSURE GAUGE
	HOSE BIBB
	FLOAT SWITCH
	AIR FILTER
	INTAKE LOUVER
	BACKDRAFT DAMPER
	RPZ-BACKFLOW PREVENTER
	AIR FLOW MEASURING STATION

SYMBOLS

ELECTRICAL

	MOTOR - INSERT DENOTES HORSE POWER
	480V DISCONNECT SWITCH, 3 POLE, 3 FUSE(a INDICATES SWITCH RATING AND b INDICATES FUSE RATING, IN AMPS)
	LIGHT POLE
	480V NON-FUSED DISCONNECT SWITCH (a INDICATES SWITCH RATING IN AMPS)
	COMBINATION MOTOR STARTER
	WALL BATTERY PACK - 2 LAMP FIXTURE. SEE SPECIFICATION FOR LIGHTING FIXTURE SCHEDULE
	LIGHTING FIXTURE (UPPER CASE LETTER INDICATES TYPE, LOWER CASE LETTER INDICATES RESPECTIVE SWITCH, NUMERAL INDICATES CIRCUIT NUMBER) SEE SPECIFICATION FOR LIGHTING FIXTURE SCHEDULE
	LED LIGHTING FIXTURE WITH INTEGRAL OCCUPANCY SENSOR
	LED LIGHTING FIXTURE WITH EMERGENCY BATTERY BACKUP
	LED LIGHTING FIXTURE WITH INTEGRAL OCCUPANCY SENSOR AND EMERGENCY BATTERY BACKUP
	DEVICE(SEE ABBREVIATIONS FOR TYPE)
	208/120V UTILITY PANEL
	HOME RUN TO PANELBOARD LETTERS AND NUMERALS INDICATE PANEL AND CIRCUIT NUMBER
	INDICATES WIRE AND CONDUIT RUN (SEE CONDUIT AND CABLE SCHEDULE)
	GROUND CABLE
	CONDUIT AND WIRING RUN EXPOSED
	CONDUIT CONCEALED OR BURIED
	CONDUIT (TURNED UP)
	CONDUIT (TURNED DOWN)
	CONDUIT FOR TELEPHONE SYSTEM
	SINGLE PHASE MOTOR STARTING SWITCH WITH TERMINAL OVERLOAD
	LIMIT SWITCH
	FLOW SWITCH
	CAPPED CONDUIT (EXPOSED)
	JUNCTION BOX
	CONVECTION HEATER

ARCHITECTURAL/STRUCTURAL

	EXISTING
	EXISTING TO BE REMOVED (SEE NOTE 2)
	NEW
	NEW (HIDDEN)
	NEW CONCRETE
	NEW MASONRY WALLS
	GRATING
	EARTH
	NEW CONCRETE (SITE PLANS ONLY)
	NEW PAVEMENT (SITE PLANS ONLY)

HVAC

	24\"X 12\" SECTION DUCT SIZE - FIRST DIMENSION IS HORIZONTAL
	12\"X 24\" ELEVATION OF DUCT SIZE - FIRST DIMENSION IS SIDE SHOWN
	24\"X 12\" PLAN OF DUCT SIZE - FIRST DIMENSION IS SIDE SHOWN
	VENTILATION DUCT TURN UP / TURN DOWN RESPECTIVELY
	FLEXIBLE CONNECTION

ELECTRICAL (CONTINUED)

	SWITCH(LOWER CASE LETTER INDICATES FIXTURES & EQUIPMENT TO BE SWITCHED) (REFER TO SPECIFICATION FOR RATINGS) (D INDICATES 0-10V DIMMING).
	THREE-WAY SWITCH(LOWER CASE LETTER INDICATES FIXTURES AND EQUIPMENT TO BE SWITCHED) (REFER TO SPECIFICATION FOR RATINGS) (D INDICATES 0-10V DIMMING).
	DUPLEX RECEPTACLE, 2 POLE,3 WIRE,120V,20A, 18\" A.F.F. UNLESS OTHERWISE NOTED
	GRD FAULT CIRCUIT INTERRUPTER DUPLEX RECEPTACLE, 2 POLE 3 WIRE, 120V,20A,18\" A.F.F. UNLESS OTHERWISE NOTED
	RECEPTACLE, SPECIFIC PURPOSE - VERIFY REQMT
	AIR TERMINAL FOR LIGHTNING PROTECTION SYSTEM
	GROUND ROD WITH INSPECTION WELL
	SECTION OF CONCRETE CONDUIT BANK
	THERMOSTAT
	SOLENOID VALVE COIL
	N.C. LIQUID LEVEL SWITCH
	N.C. AIR PRESSURE SWITCH
	CONTROL STATION
	AC COMBINATION FULL VOLTAGE NON-REVERSING STARTER WITH MAGNETIC BREAKER
	TRANSFORMER (SEE SINGLE LINE DIAGRAM)
	TRANSFORMER-TYPE AND SIZE AS NOTED ON THE DRAWINGS AND IN SPECIFICATIONS
	FUSE
	MICROPROCESSOR BASED METERING DEVICE (SEE SPECIFICATIONS)
	CIRCUIT BREAKER (a INDICATES FRAME SIZE AND b INDICATES TRIP SIZE)
	CIRCUIT BREAKER, DRAW OUT TYPE (a INDICATES TRIP SIZE)
	EQUIPMENT/DEVICE FURNISHED AND INSTALLED UNDER GENERAL OR MECHANICAL CONTRACTS, CONDUIT AND WIRING INCLUDING TERMINATIONS BY ELECTRICAL CONTRACTOR.

DETAIL REFERENCES

	DETAIL LETTER
	DRAWING NUMBER WHERE DETAIL IS SHOWN

SECTION REFERENCES

	SECTION NUMBER
	DRAWING NUMBER WHERE SECTION IS SHOWN

NOTE: ON THE SHEET THE SECTION/DETAIL IS LOCATED,  
THE BOTTOM NUMBER REFERENCES BACK TO THE SHEET  
WHERE IT FIRST APPEARS IN THE DRAWING SET.

MISCELLANEOUS SYMBOLS

	INDICATES EXISTING BUILDINGS, STRUCTURES AND FEATURES, ETC.
	INDICATES PROPOSED BUILDINGS, STRUCTURES AND FEATURES, ETC.

0'-0" (100.00) BUILDING ELEVATION (SITE ELEVATION)

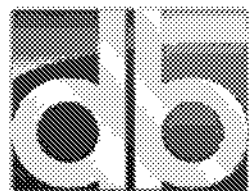
NOTES:

- SYMBOLS/ ABBREVIATIONS LIST APPLIES TO ALL CONTRACTS
- THE REMOVAL SYMBOL APPLIES TO ALL ITEMS TO BE REMOVED INCLUDING CIVIL, MECHANICAL, PLUMBING, HEATING, VENTILATING, ELECTRICAL ETC.

NO.	DATE	REVISION	INT.



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PROJECT ENGINEER:	DRAWN BY:		
AE	KA		
DESIGNED BY:	CHECKED BY:		
AE	WDM		



D&B ENGINEERS  
AND ARCHITECTS

TOWN OF BLOOMING GROVE

ORANGE COUNTY

NEW YORK

LASSER PARK SENIOR CENTER

CONTRACT 2

SYMBOLS AND ABBREVIATIONS

GENERAL

PROJECT NO.

5708

DATE:

AUGUST 2023

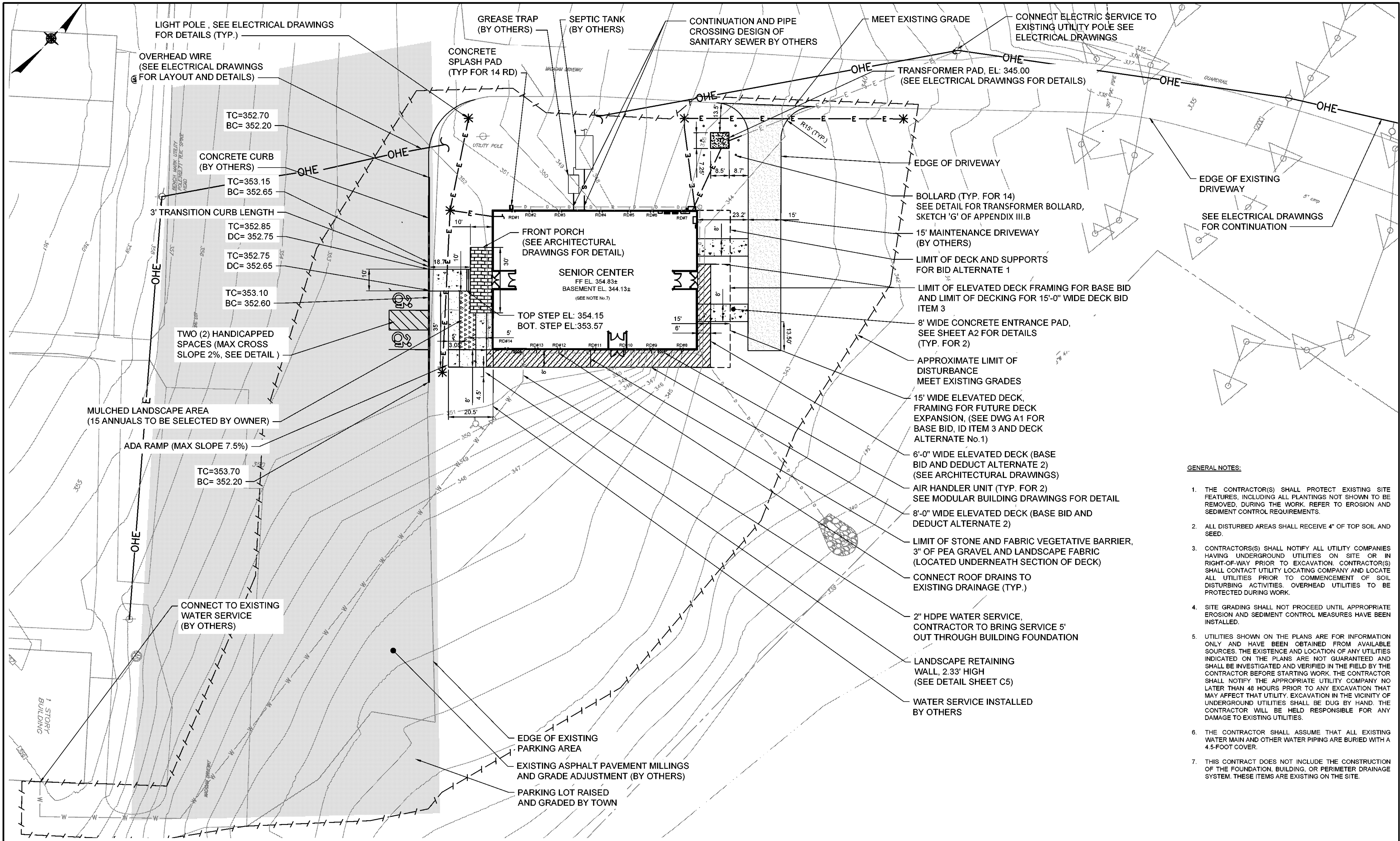
SCALE:

AS NOTED

DRAWING NO.

G1





**GENERAL NOTES:**

1. THE CONTRACTOR(S) SHALL PROTECT EXISTING SITE FEATURES, INCLUDING ALL PLANTINGS NOT SHOWN TO BE REMOVED, DURING THE WORK. REFER TO EROSION AND SEDIMENT CONTROL REQUIREMENTS.
2. ALL DISTURBED AREAS SHALL RECEIVE 4" OF TOP SOIL AND SEED.
3. CONTRACTOR(S) SHALL NOTIFY ALL UTILITY COMPANIES HAVING UNDERGROUND UTILITIES ON SITE OR IN RIGHT-OF-WAY PRIOR TO EXCAVATION. CONTRACTOR(S) SHALL CONTACT UTILITY LOCATING COMPANY AND LOCATE ALL UTILITIES PRIOR TO COMMENCEMENT OF SOIL DISTURBING ACTIVITIES. OVERHEAD UTILITIES TO BE PROTECTED DURING WORK.
4. SITE GRADING SHALL NOT PROCEED UNTIL APPROPRIATE EROSION AND SEDIMENT CONTROL MEASURES HAVE BEEN INSTALLED.
5. UTILITIES SHOWN ON THE PLANS ARE FOR INFORMATION ONLY AND HAVE BEEN OBTAINED FROM AVAILABLE SOURCES. THE EXISTENCE AND LOCATION OF ANY UTILITIES INDICATED ON THE PLANS ARE NOT GUARANTEED AND SHALL BE INVESTIGATED AND VERIFIED IN THE FIELD BY THE CONTRACTOR BEFORE STARTING WORK. THE CONTRACTOR SHALL NOTIFY THE APPROPRIATE UTILITY COMPANY NO LATER THAN 48 HOURS PRIOR TO ANY EXCAVATION THAT MAY AFFECT THAT UTILITY. EXCAVATION IN THE VICINITY OF UNDERGROUND UTILITIES SHALL BE DUG BY HAND. THE CONTRACTOR WILL BE HELD RESPONSIBLE FOR ANY DAMAGE TO EXISTING UTILITIES.
6. THE CONTRACTOR SHALL ASSUME THAT ALL EXISTING WATER MAIN AND OTHER WATER PIPING ARE BURIED WITH A 4.5-FOOT COVER.
7. THIS CONTRACT DOES NOT INCLUDE THE CONSTRUCTION OF THE FOUNDATION, BUILDING, OR PERIMETER DRAINAGE SYSTEM. THESE ITEMS ARE EXISTING ON THE SITE.

NO.	DATE	REVISION	INT.



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PROJECT ENGINEER:	AE	DRAWN BY:	GO
DESIGNED BY:	GO	CHECKED BY:	AC/WDM

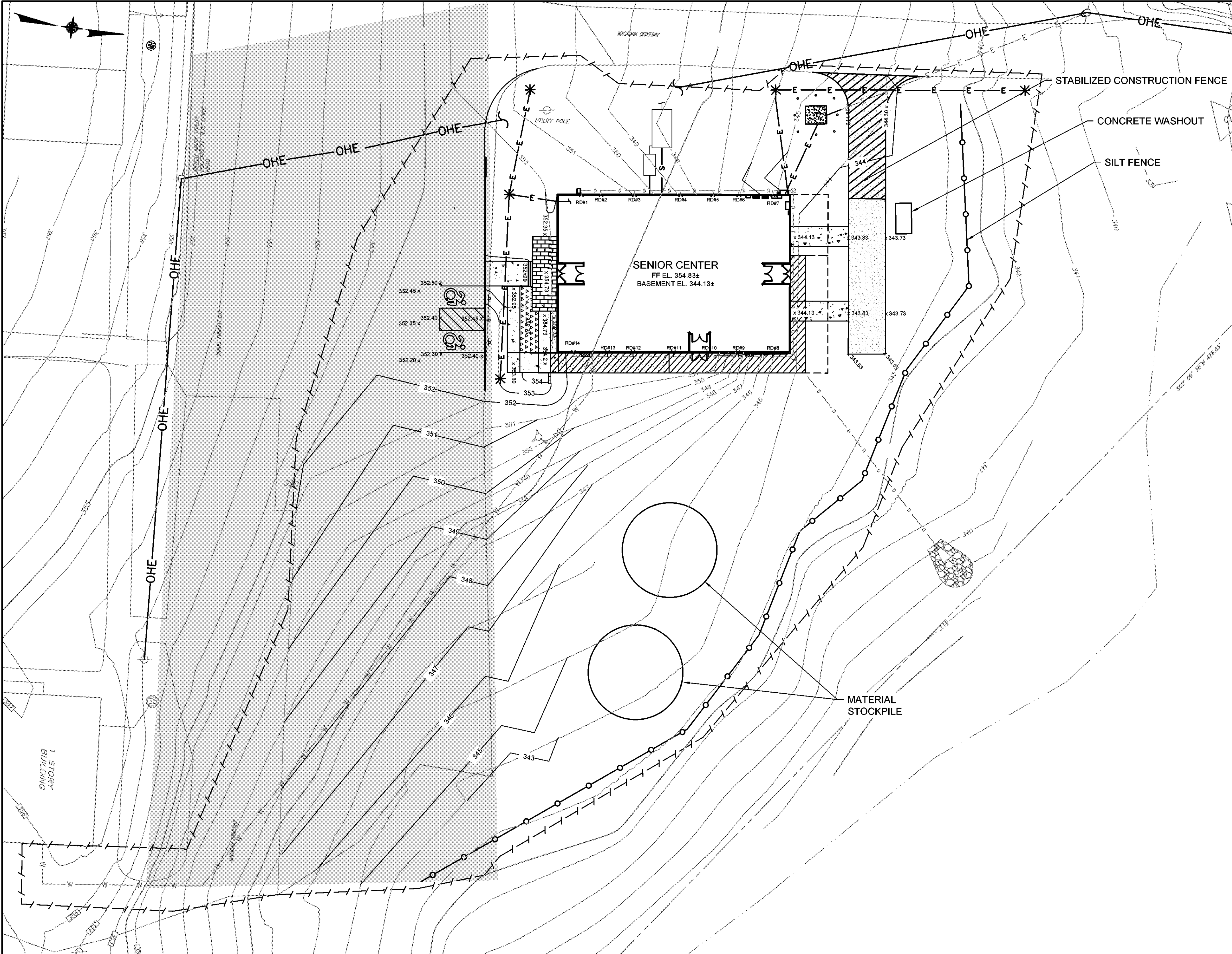


TOWN OF BLOOMING GROVE	
ORANGE COUNTY	NEW YORK
LASSER PARK SENIOR CENTER	

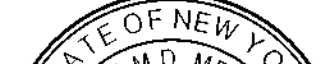

CONTRACT 2
SITE PLAN
CIVIL

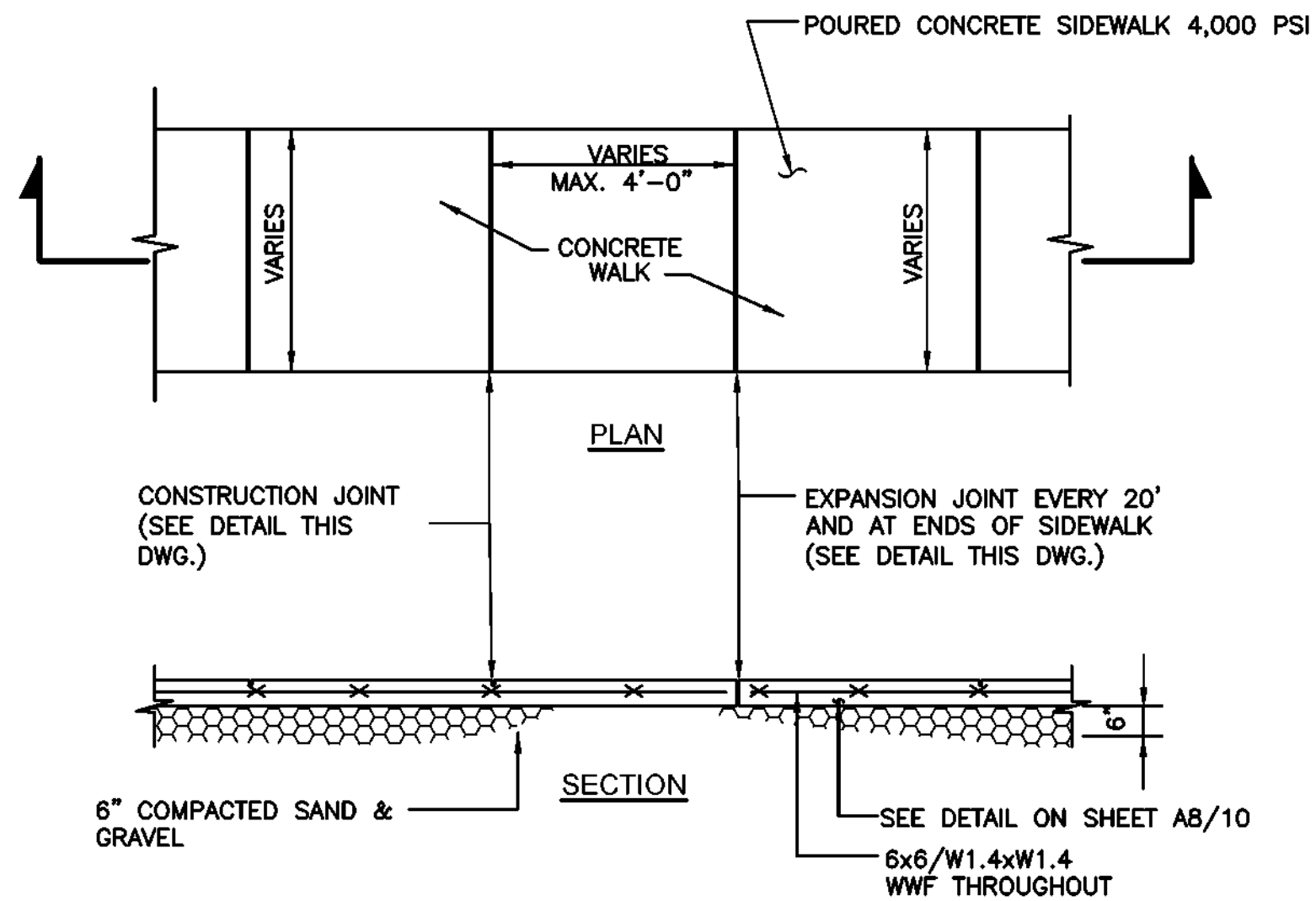
PROJECT NO. 5708	DRAWING NO. <b>C1</b>
DATE: AUGUST 2023	
SCALE: 1" = 20'	



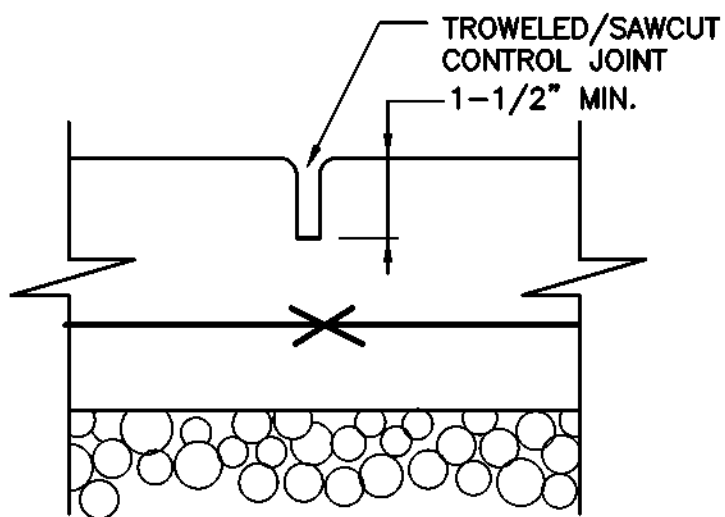


- SOIL EROSION AND SEDIMENT CONTROL NOTES:**
- ALL SOIL EROSION AND SEDIMENT CONTROL PRACTICES TO BE INSTALLED PRIOR TO ANY MAJOR SOIL DISTURBANCE, OR IN THEIR PROPER SEQUENCE, AND MAINTAINED UNTIL PERMANENT PROTECTION IS ESTABLISHED.
  - ANY DISTURBED AREAS THAT WILL NOT RECEIVE PERMANENT RESTORATION WITHIN FOURTEEN (14) DAYS AFTER FINAL GRADING, AND NOT SUBJECT TO CONSTRUCTION TRAFFIC, WILL IMMEDIATELY RECEIVE A TEMPORARY COVER. THE DISTURBED AREAS WILL BE MULCHED WITH STRAW, OR EQUIVALENT MATERIAL, AT A RATE OF TWO (2) TONS PER ACRE, ACCORDING TO STATE STANDARDS.
  - PERMANENT VEGETATION TO BE SEEDING OR SODDED ON ALL EXPOSED AREAS WILL BE INITIATED BY THE END OF THE NEXT BUSINESS DAY AND COMPLETED WITHIN FOURTEEN (14) DAYS AFTER FINAL GRADING. MULCH TO BE USED AS NECESSARY FOR PROTECTION UNTIL SEEDING IS ESTABLISHED.
  - ALL WORK TO BE DONE IN ACCORDANCE WITH THE STANDARDS FOR SOIL EROSION AND SEDIMENT CONTROL IN NEW YORK.
  - A SUB-BASE COURSE WILL BE APPLIED IMMEDIATELY FOLLOWING ROUGH GRADING AND INSTALLATION OF IMPROVEMENTS IN ORDER TO STABILIZE ROADS, DRIVEWAYS, AND PARKING AREAS. IN AREAS WHERE NO UTILITIES ARE PRESENT, THE SUB-BASE SHALL BE INSTALLED WITHIN 14 DAYS OF THE PRELIMINARY GRADING.
  - IMMEDIATELY FOLLOWING INITIAL DISTURBANCE OR ROUGH GRADING, ALL CRITICAL AREAS SUBJECT TO EROSION (I.E.; STEEP SLOPES AND ROADWAY EMBANKMENTS) WILL RECEIVE A TEMPORARY COVER OF STRAW MULCH OR A SUITABLE EQUIVALENT, AT A RATE OF TWO (2) TONS PER ACRE, ACCORDING TO STATE STANDARDS.
  - ANY STEEP SLOPES RECEIVING PIPELINE INSTALLATION WILL BE BACKFILLED AND STABILIZED DAILY, AS THE INSTALLATION PROCEEDS (I.E.; SLOPES GREATER THAN 3:1).
  - THE ENGINEER SHALL BE NOTIFIED 72 HOURS IN ADVANCE OF ANY LAND DISTURBING ACTIVITY.
  - AT THE TIME WHEN THE SITE PREPARATION FOR PERMANENT VEGETATIVE STABILIZATION IS GOING TO BE PERFORMED, ANY SOIL THAT WILL NOT PROVIDE A SUITABLE ENVIRONMENT TO SUPPORT ADEQUATE VEGETATIVE GROUND COVER, SHALL BE REMOVED OR TREATED IN SUCH A WAY THAT WILL PERMANENTLY ADJUST THE SOIL CONDITIONS AND RENDER IT SUITABLE FOR VEGETATIVE COVER. IF THE REMOVAL OR TREATMENT OF THE SOIL WILL NOT PROVIDE SUITABLE CONDITIONS, NON-VEGETATIVE MEANS OF PERMANENT GROUND STABILIZATION WILL HAVE TO BE EMPLOYED.
  - THE CONTRACTOR SHALL TAKE ALL NECESSARY MEASURES TO MAINTAIN DUST CONTROL. DIRT HAUL ROADS SHALL BE SPRINKLED WITH WATER OR GIVEN A SURFACE OF CRUSHED STONES OR WOODCHIPS AS REQUIRED. VEHICLES SHALL BE CLEANED, AS NECESSARY, PRIOR TO USING PUBLIC STREETS. PAVED ROADS SHALL BE SPRINKLED WITH WATER.
  - ALL SOIL EROSION AND SEDIMENT CONTROL DEVICES SHALL BE LOCATED IN THE FIELD AS REQUIRED OR AT THE DIRECTION OF THE ENGINEER. THE CONTRACT DRAWINGS ARE NOT INTENDED TO SHOW THE LOCATION AND DETAILS FOR ALL SUCH DEVICES BUT ARE TO BE USED AS A REASONABLE GUIDE.
  - ANY CHANGES TO THE CERTIFIED SOIL EROSION AND SEDIMENT CONTROL PLANS WILL REQUIRE THE SUBMISSION OF REVISED SOIL EROSION AND SEDIMENT CONTROL PLANS TO THE VILLAGE AND THE ENGINEER. THE REVISED PLANS MUST BE PREPARED BY THE CONTRACTOR AND MUST MEET ALL CURRENT STATE SOIL EROSION AND SEDIMENT CONTROL PRACTICES.
  - CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS.
  - UPON COMPLETION OF CONSTRUCTION WORK AND AFTER FINAL GRADING AND WHEN PERMANENT STABILIZATION HAS BEEN ESTABLISHED, HAY BALES, SILT FENCES AND ALL OTHER SOIL PLAN APPURTENANCES WILL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR, UNLESS ORDERED TO REMAIN BY THE ENGINEER.
  - ALL EXCESS EXCAVATED MATERIAL, EXCEPT FOR TOP SOIL, WILL BE REMOVED FROM THE SITE BY THE CONTRACTOR IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
  - CONDUIT OUTLETS AND CATCH BASIN INLETS MUST BE PROTECTED PRIOR TO START OF CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE A DETAILED SEQUENCE OF CONSTRUCTION OPERATIONS FOR REVIEW AND SUBMITTAL TO THE ENGINEER.
  - THE CONTRACTOR SHALL MEET ENGINEER ON-SITE TO DEFINE THOSE AREAS WHICH WILL REQUIRE SOIL EROSION AND SEDIMENT CONTROL FACILITIES, DISCUSS THEIR CONSTRUCTION AND THEREAFTER PROVIDE DETAILED PLANS FOR REVIEW OF SUCH FACILITIES BY THE VILLAGE AND THE ENGINEER.
  - ALL SOIL EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE LEFT IN PLACE AND MAINTAINED; INCLUDING SILT AND SEDIMENT REMOVAL, UNTIL CONSTRUCTION IS COMPLETED.
  - ALL STREETS SHALL BE FREE FROM DEBRIS AND SOIL TRACKING. THE CONTRACTOR SHALL COMPLY WITH ALL DUST CONTROL REGULATIONS AS OUTLINED IN THE CONTRACT DOCUMENTS.
  - CONTRACTOR TO SUBMIT STAGING, AND SITE CONSTRUCTION ACCESS PLAN TO ENGINEER AND OWNER FOR APPROVAL PRIOR TO CONSTRUCTION.
  - CONTRACTOR TO SUBMIT DEWATERING PLAN FOR APPROVAL BY ENGINEER AND OWNER PRIOR TO CONSTRUCTION.
  - CONTRACTOR SHALL CLEAN EXISTING STORMWATER PIPES AND STRUCTURES PRIOR TO COMPLETION OF PROJECT.

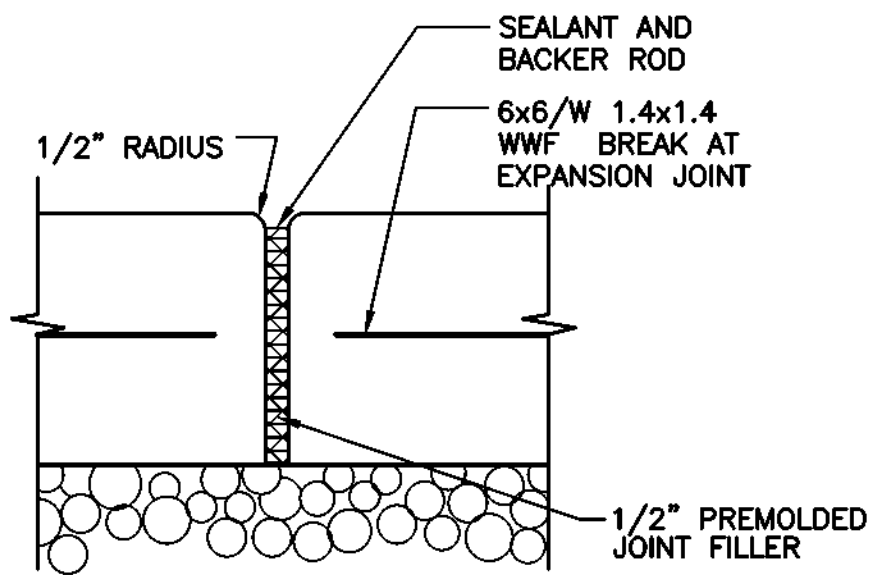
				 <div>UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF SECTION 7209 OF THE NEW YORK STATE EDUCATION LAW.</div> <table><tr><td>PROJECT ENGINEER:</td><td>DRAWN BY:</td></tr><tr><td>AE</td><td>GO</td></tr><tr><td>DESIGNED BY:</td><td>CHECKED BY:</td></tr><tr><td>GO</td><td>AC/WDM</td></tr></table>	PROJECT ENGINEER:	DRAWN BY:	AE	GO	DESIGNED BY:	CHECKED BY:	GO	AC/WDM	 <div>D&amp;B ENGINEERS AND ARCHITECTS</div>	TOWN OF BLOOMING GROVE		CONTRACT 2		PROJECT NO. 5708	DRAWING NO.  <b>C2</b>
PROJECT ENGINEER:	DRAWN BY:																		
AE	GO																		
DESIGNED BY:	CHECKED BY:																		
GO	AC/WDM																		
				ORANGE COUNTY	NEW YORK	EROSION AND SEDIMENT CONTROL PLAN		DATE: AUGUST 2023											
				LASSER PARK SENIOR CENTER		CIVIL		SCALE: 1" = 20'											
NO.	DATE	REVISION	INT.																



CONCRETE SIDEWALK DETAIL  
SCALE: N.T.S.

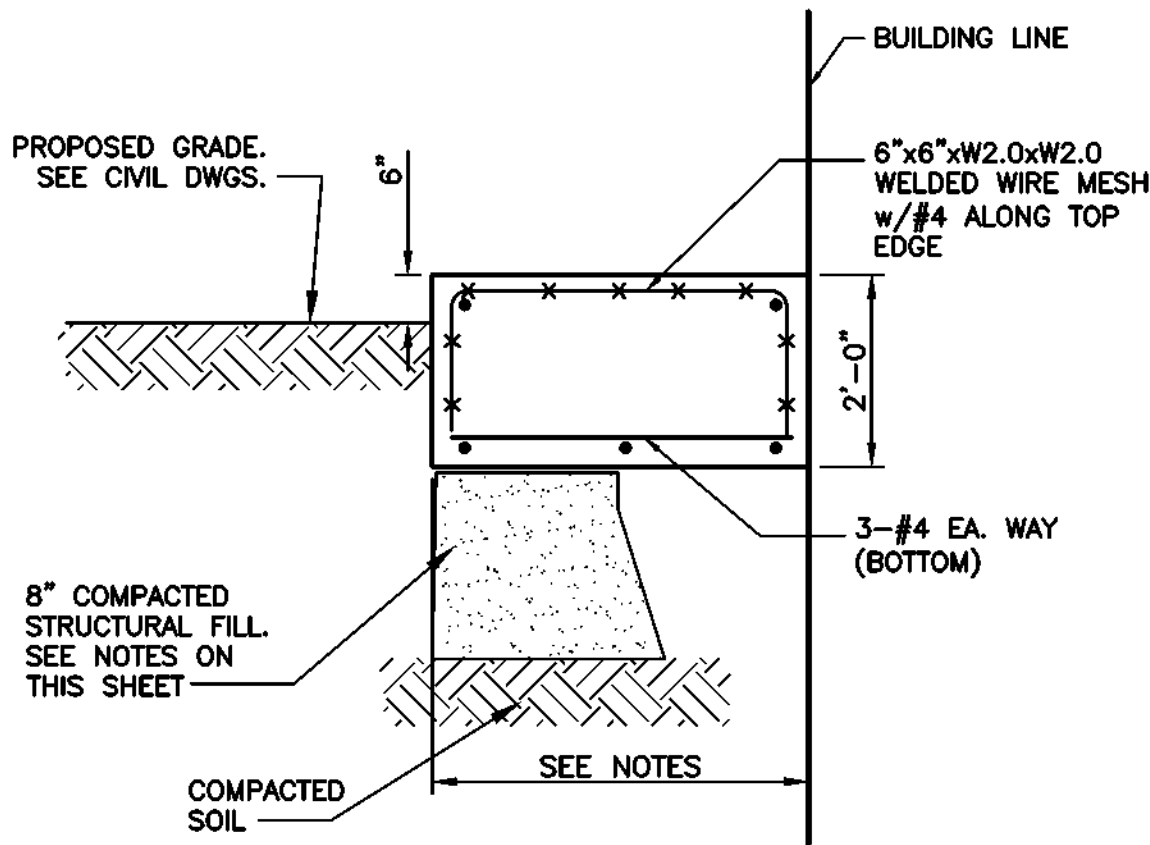


CONSTRUCTION CONTROL JOINT DETAIL  
SCALE: N.T.S.



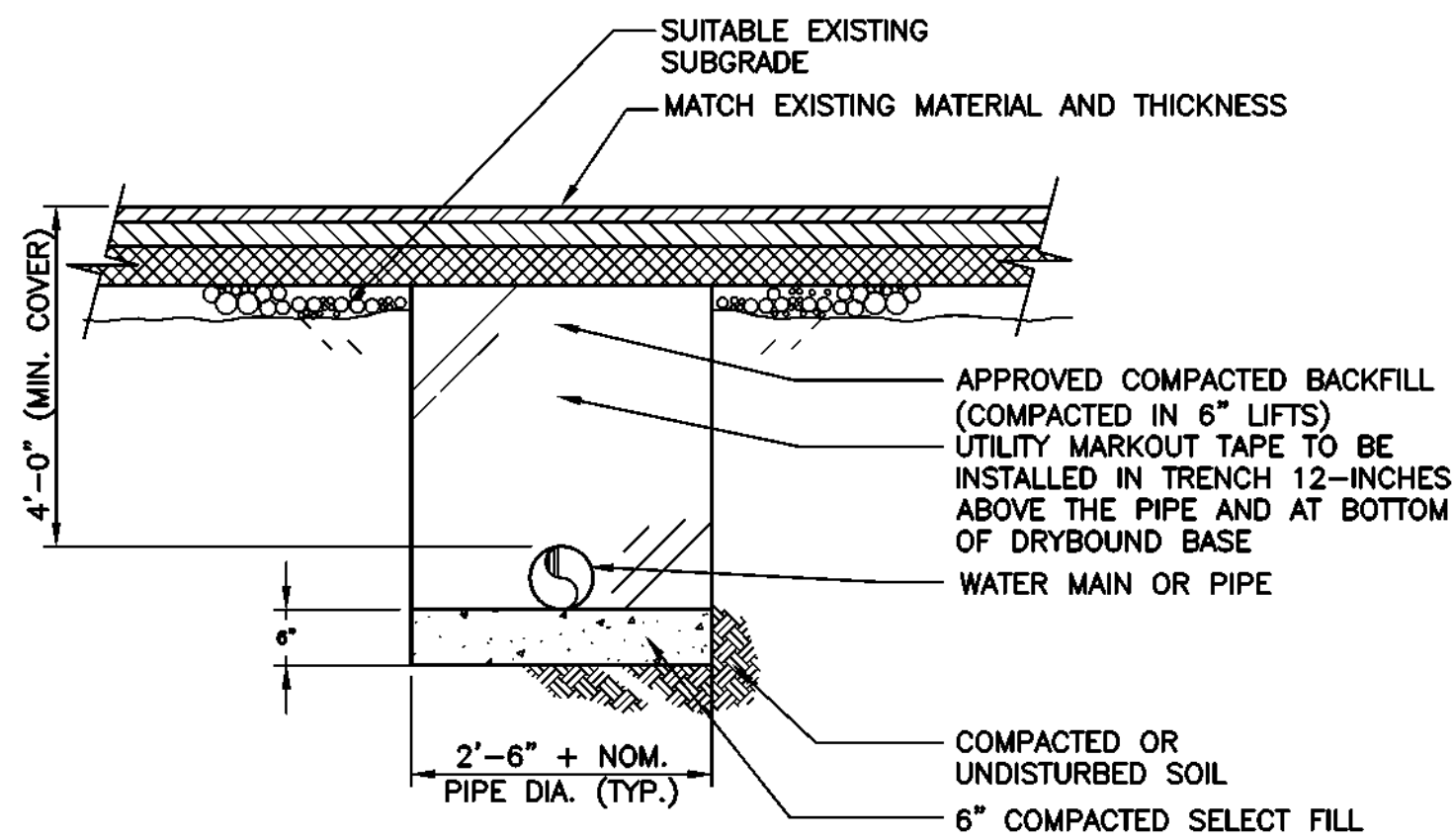
EXPANSION JOINT DETAIL  
SCALE: N.T.S.

SEE CONCRETE SIDEWALK DETAIL THIS SHEET FOR NOTES AND DIMENSIONS OF JOINTS.

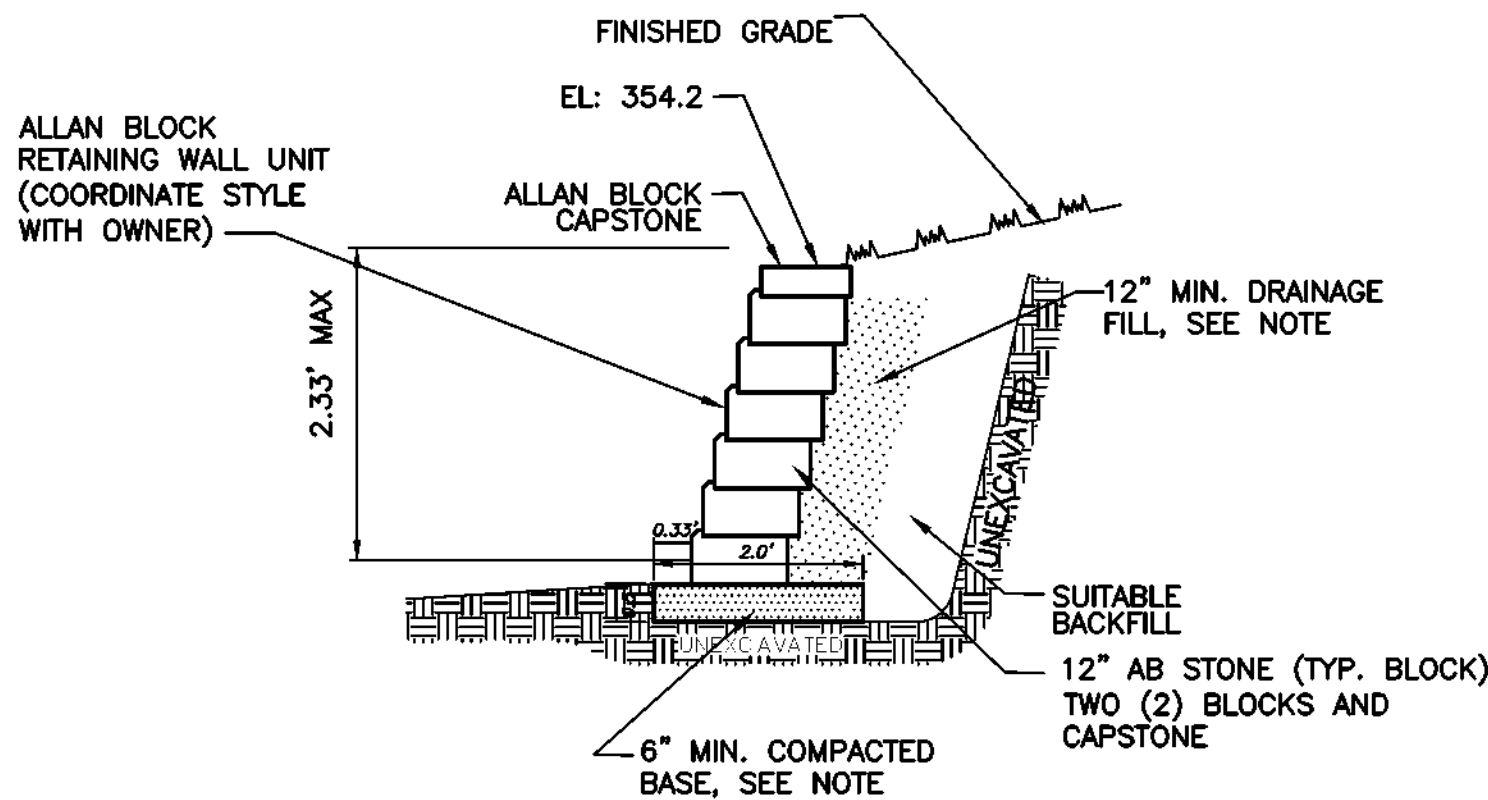


- 1) CONCRETE PAD FOR CT CABINET 42"x20" TOP EL:345.50
- 2) CONCRETE PAD FOR SWITCHBOARD "MDP" 30"x13" EL:345.50
- 3) GENERAL CONTRACTOR TO COORDINATE WITH ELECTRICAL CONTRACTOR FOR FINAL DIMENSIONS. GC TO SUBMIT SHOP DRAWINGS.

CONCRETE PAD FOR ELECTRICAL CABINETS  
SCALE: N.T.S.

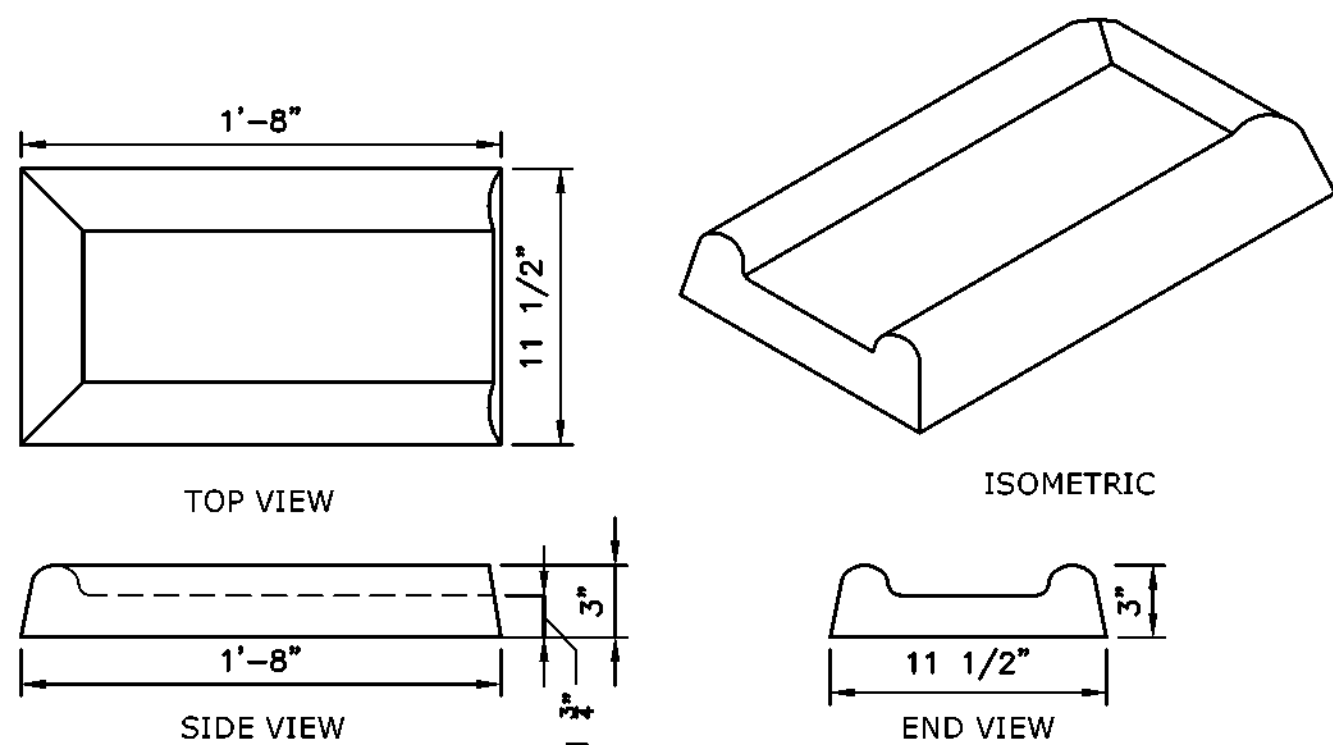


TYPICAL WATER PIPE TRENCH IN PAVED AREA



NOTE:  
BASE AND DRAINAGE MATERIAL MUST BE WELL GRADED  
COMPACTIBLE AGGREGATE, 0.25 INCH TO 1.5 INCH, (5mm-38mm)  
WITH NO MORE THAN 10% PASSING THE #200 SIEVE.

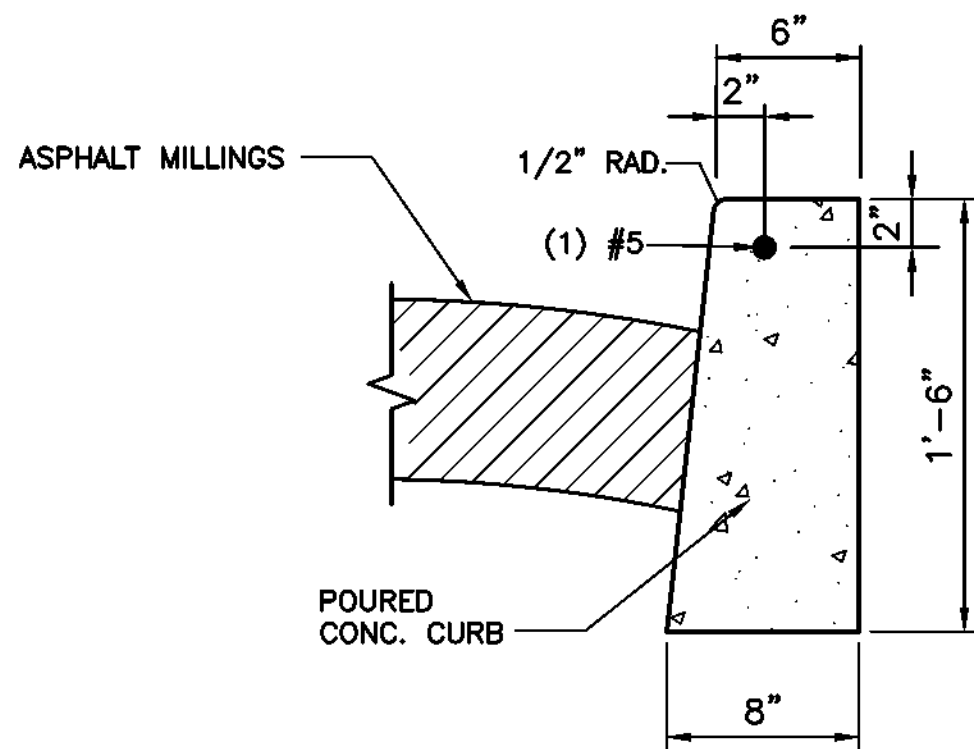
LANDSCAPE RETAINING WALL  
SCALE: N.T.S.



TYPICAL CONCRETE SPLASH PAD DETAIL  
SCALE: N.T.S.

NOTE:

- 1) A SPLASH PAD SHOULD BE USED FOR ALL ROOF DOWNSPOUTS THAT ARE NOT TIED INTO THE SUBSURFACE DRAINAGE SYSTEM.



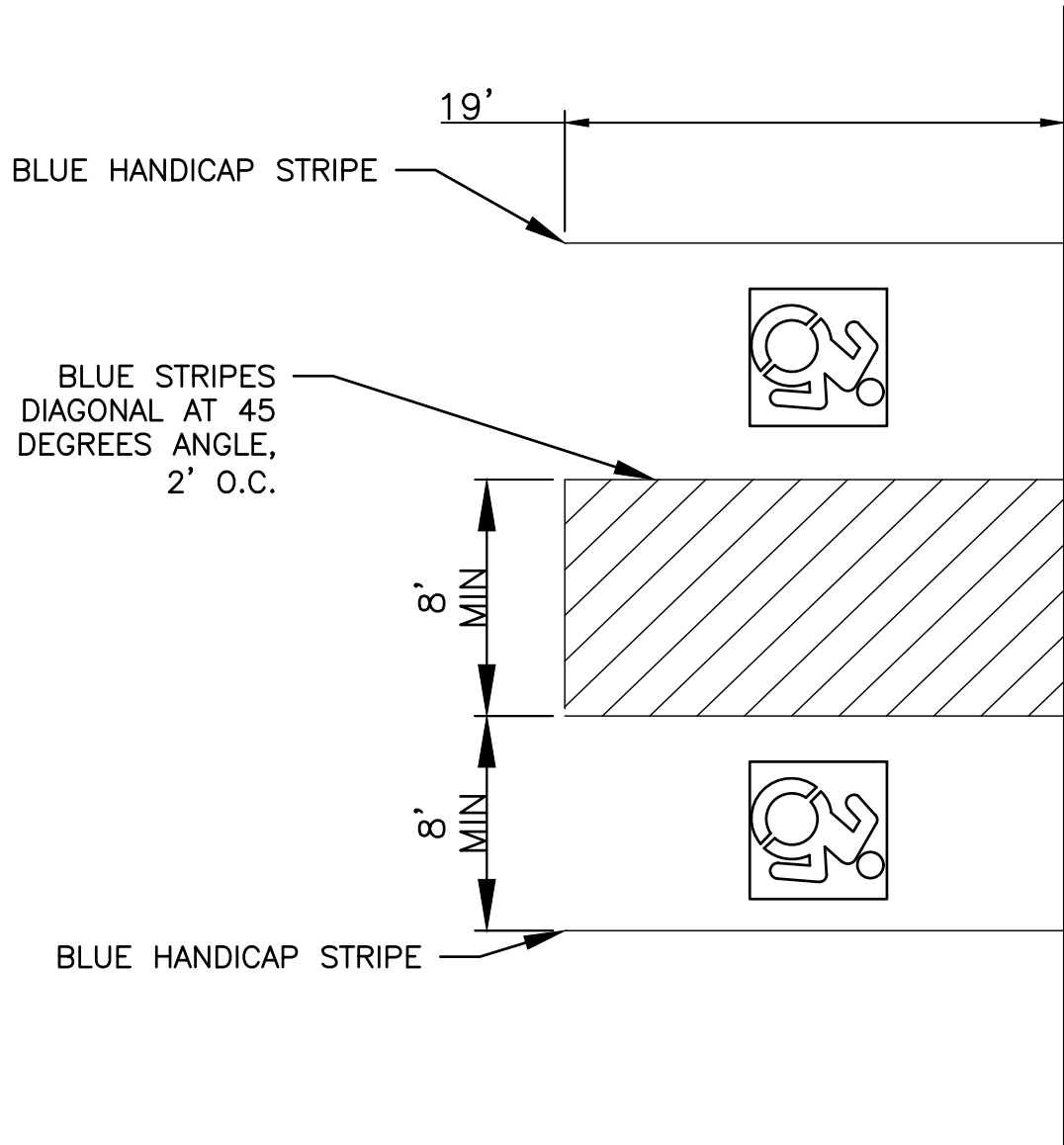
NOTES:

1. CURB REVEAL SHALL BE 6" EXCEPT AT DROP-CURB AND/OR HANDICAP RAMP. (SEE RESPECTIVE DETAILS)
2. 1/2" PREMOULDED EXPANSION JOINT FILLER SHALL BE INSTALLED 20' O.C.
3. WORK BY OTHERS.

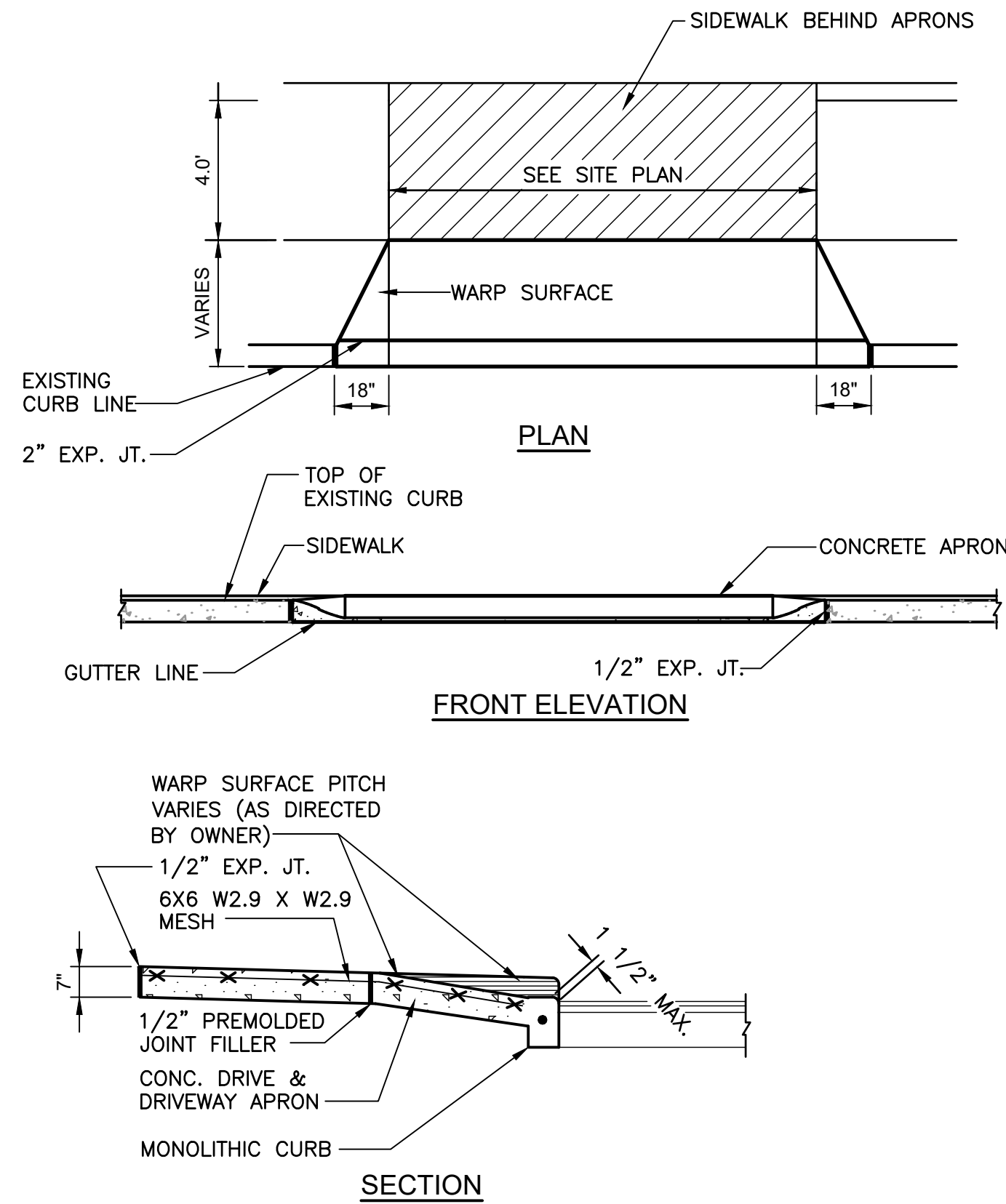
CONCRETE CURB DETAIL  
SCALE: N.T.S.

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TYPICAL ACCESSIBLE PARKING LAYOUT  
SCALE: N.T.S.

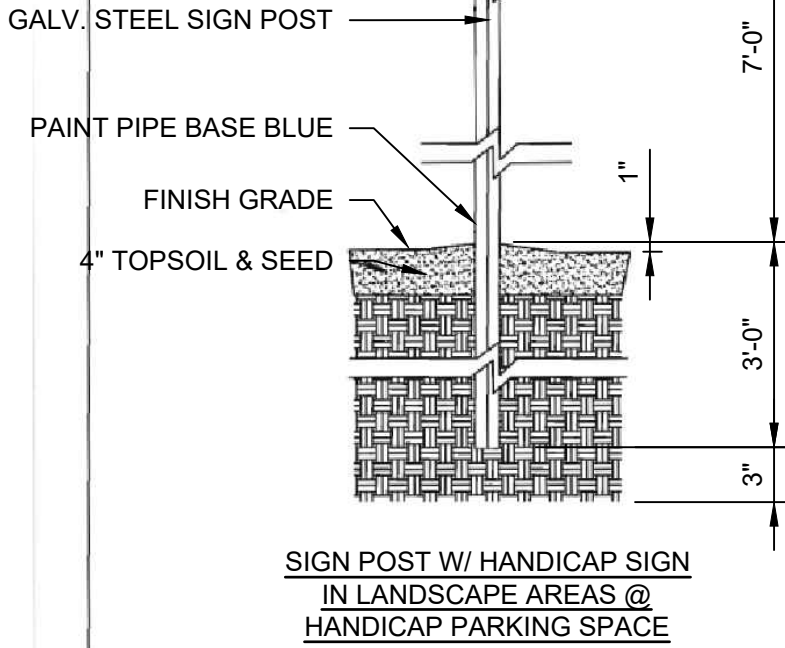


DROP CURB AND DRIVEWAY APRON DETAIL  
SCALE: N.T.S.

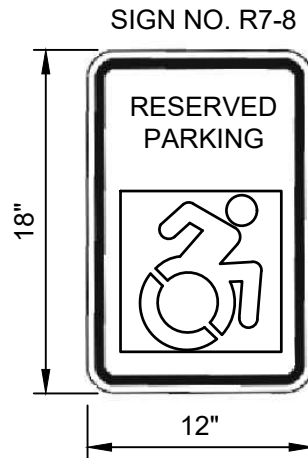
"HANDICAPPED PARKING ONLY" SIGN  
(NYS MUTCD NYR7-8 AND 8P)

"HANDICAPPED PARKING ONLY" SIGN  
(NYS MUTCD NYR7-8 AND 8P)

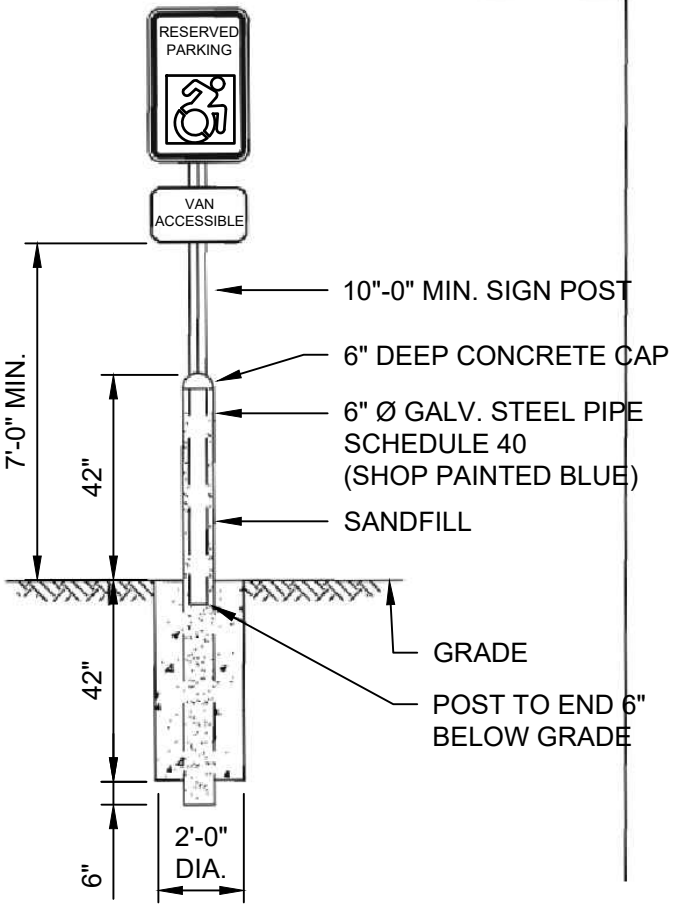
1'-6" x 1'-0" x 18GA. REFLECTIVE  
PORCELAIN ENAMEL STANDARD  
"HANDICAPPED PARKING" SIGNS  
WITH IDENTIFICATION SYMBOL.  
BOLT TO SIDE OF STEEL TUBE  
WITH 3/8" CADMIUM PLATED  
BOLTS, NUTS AND WASHERS. (TYP)



SIGN POST W/ HANDICAP SIGN  
IN LANDSCAPE AREAS @  
HANDICAP PARKING SPACE

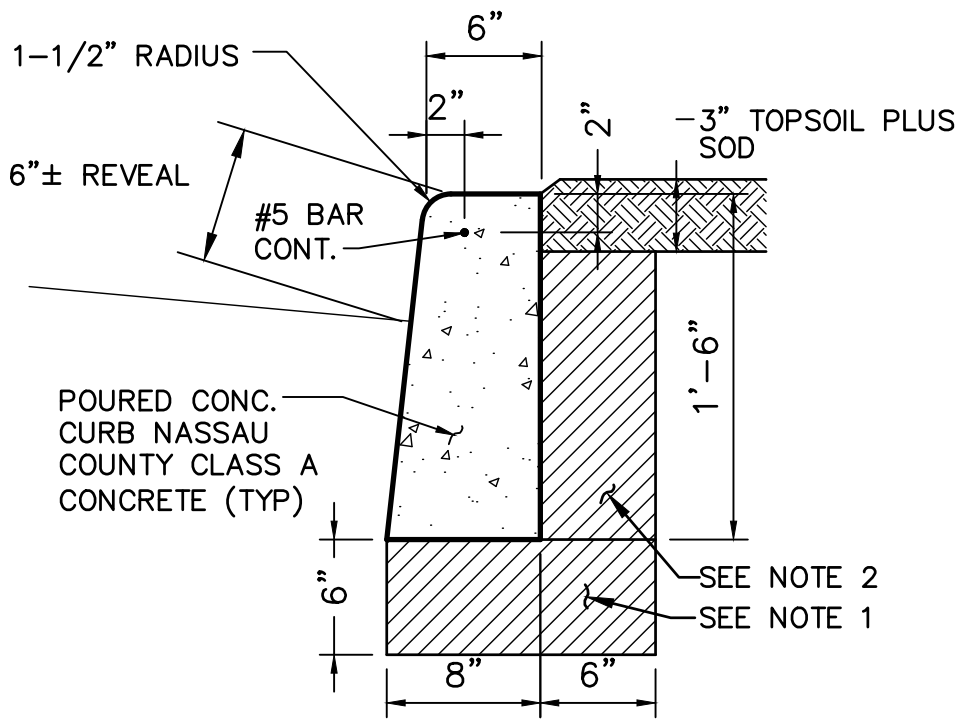


COLORS:  
LEGEND & BORDERS - BLUE  
WHITE SYMBOL ON BLUE BACKGROUND  
SIGN BACKGROUND - WHITE



BOLLARD W/ HANDICAP SIGN  
IN PARKING AREAS

ACCESSIBLE PARKING SPACE AND ACCESS AISLE SIGN  
SCALE: N.T.S.



CONCRETE CURB DETAIL  
SCALE: N.T.S.

NOTE:

- CUT AND REMOVE ALL ROOTS AND OTHER UNSUITABLE SUBGRADE MATERIALS.  
REPLACE WITH COMPACTED MATERIAL.
- CUT AND REMOVE ALL ROOTS AND OTHER UNSUITABLE MATERIALS.

NO.	DATE	REVISION	INT.



UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF SECTION 7209 OF THE NEW YORK STATE EDUCATION LAW.			
PROJECT ENGINEER:	AE	DRAWN BY:	GO
DESIGNED BY:	GO	CHECKED BY:	AC/WDM



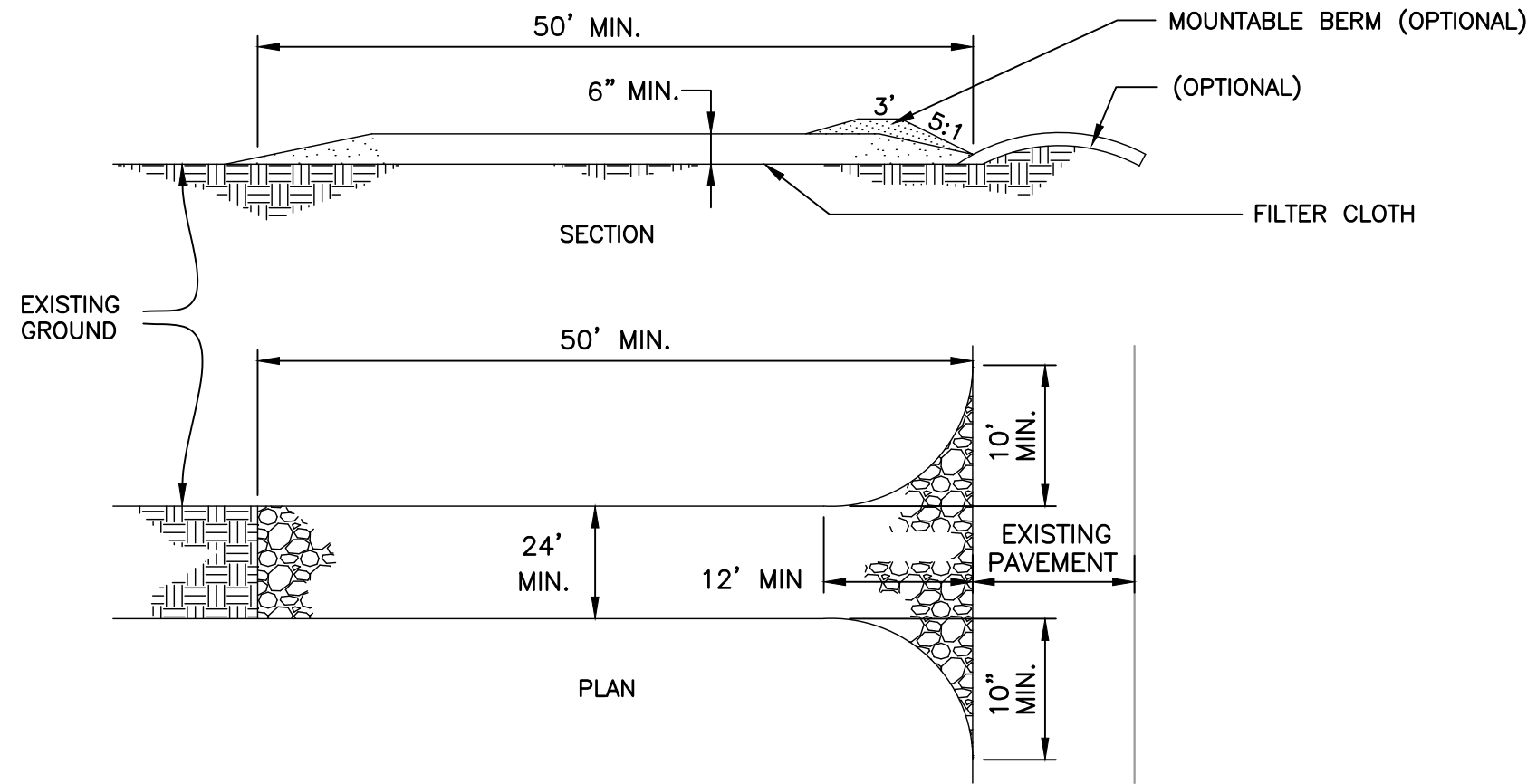
TOWN OF BLOOMING GROVE	
ORANGE COUNTY	NEW YORK
LASSER PARK SENIOR CENTER	

CONTRACT 2
DETAIL II
CIVIL

PROJECT NO. 5708
DATE: AUGUST 2023
SCALE: AS SHOWN

DRAWING NO. <b>C4</b>
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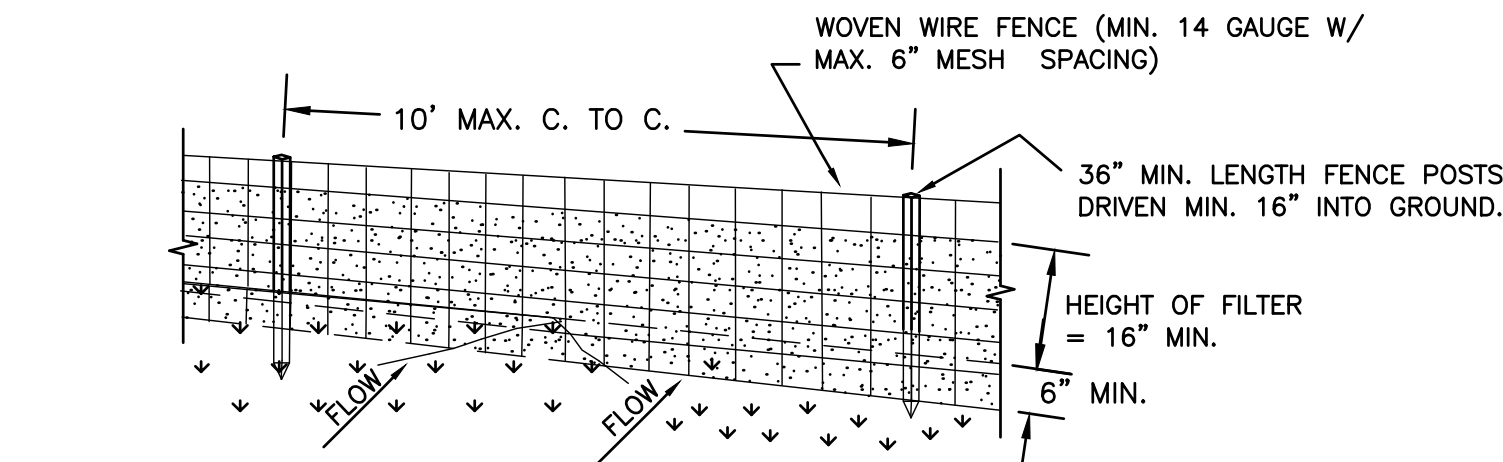


**STABILIZED CONSTRUCTION ENTRANCE DETAIL**

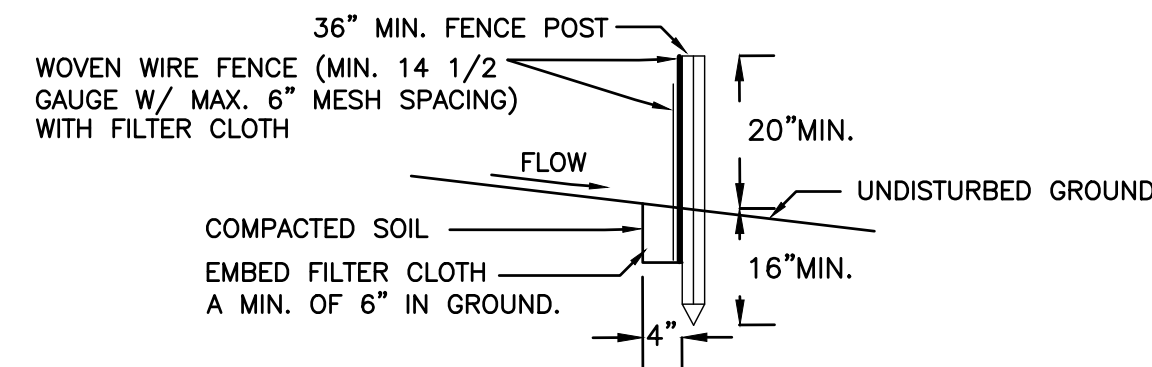
SCALE: N.T.S.

**NOTES:**

1. STONE SIZE – USE 1 1/2 – 2 1/2" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
2. LENGTH – 50 FEET MINIMUM.
3. THICKNESS – NOT LESS THAN SIX (6) INCHES.
4. WIDTH – TWENTY FOUR (24) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS.
5. FILTER CLOTH, MIRAFI OR APPROVED EQUAL, WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
6. SURFACE WATER—ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
7. MAINTENANCE – THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PAVED SURFACES. ALL SEDIMENT SPILLED, DROPPED, WASHED, OR TRACTED ONTO PAVED SURFACES MUST BE REMOVED IMMEDIATELY.
8. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.
10. THE SITE SHALL BE MAINTAINED IN SUCH A WAY THAT ALL CONSTRUCTION VEHICLES EXITING THE SITE ONTO A PAVED SURFACE SHALL PASS OVER THE STABILIZED CONSTRUCTION ENTRANCE IF THEY HAVE TRANSVERSED OVER DISTURBED EARTH.



PERSPECTIVE VIEW



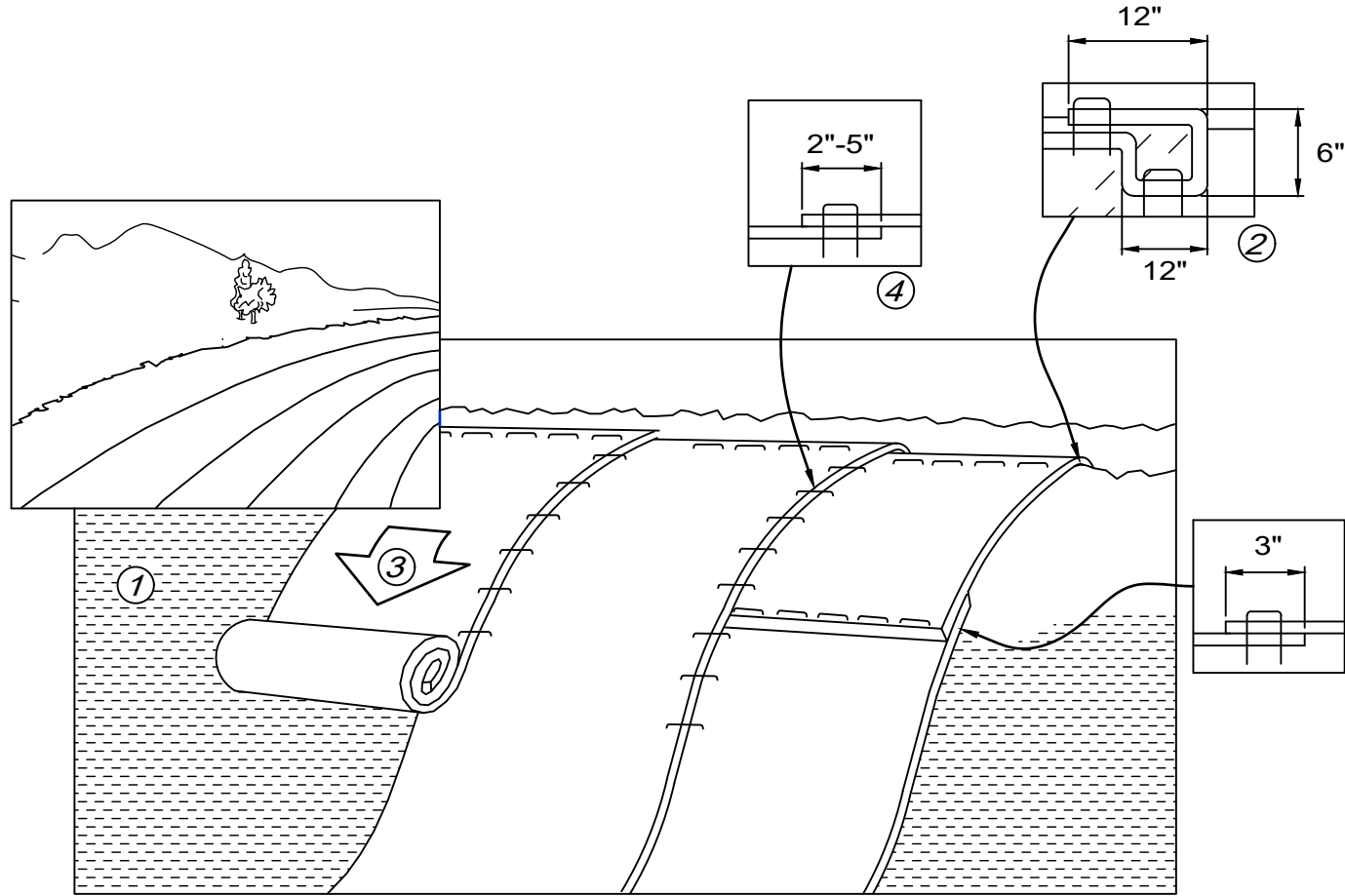
SECTION VIEW

**SEDIMENT FENCE DETAIL**

SCALE: N.T.S.

**NOTES:**

1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES. POSTS SHALL BE STEEL EITHER "T" OR "U" TYPE OR HARDWOOD.
2. FILTER CLOTH TO BE TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION. FENCE SHALL BE WOVEN WIRE, 6" MAXIMUM MESH OPENING.
3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED. FILTER CLOTH SHALL BE EITHER FILTER X, MIRAFI 100X, STABILINKA T140N, OR APPROVED EQUIVALENT.
4. PREFABRICATED UNITS SHALL BE GEOFAB, ENVIROFENCE, OR APPROVED EQUIVALENT.
5. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

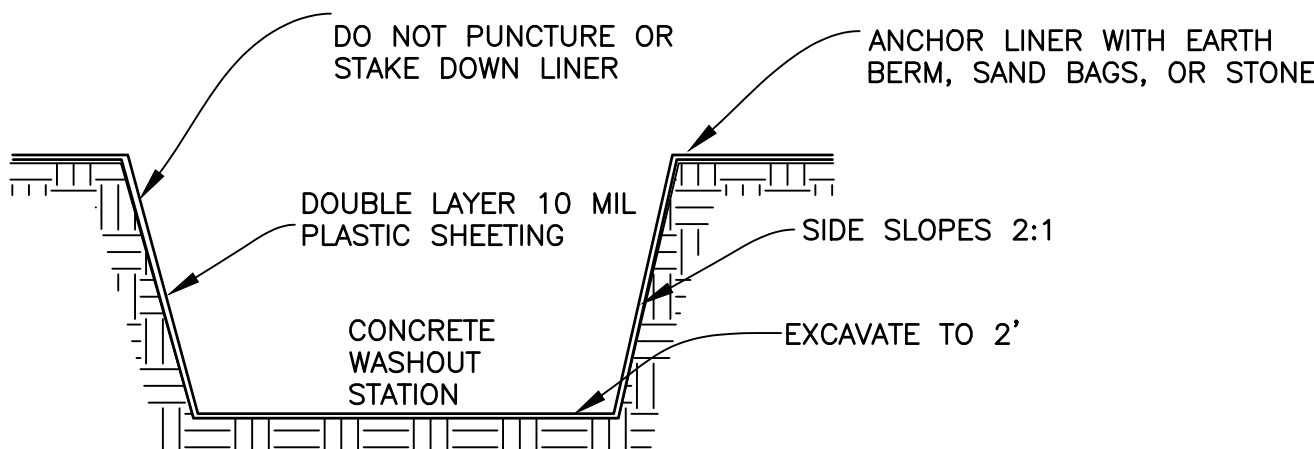


**EROSION PROTECTION WITH SOIL STABILIZATION MATTING**

SCALE: N.T.S.

**NOTES:**

1. BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE BLANKET IN A 6" WIDE TRENCH WITH APPROXIMATELY 12" OF BLANKET EXTENDED BEYOND THE UP-SLOPE PORTION OF THE TRENCH. ANCHOR THE BLANKET WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" APART IN THE BOTTOM OF THE TRENCH. BACK FILL AND COMPACT THE TRENCH AFTER STAPLING. APPLY SEED TO PREPARED SOIL AND FOLD REMAINING 12" PORTION OF THE BLANKET BACK OVER SEED AND SOIL. SECURE BLANKET OVER SOIL WITH A ROW OF STAPLES/STAKES SPACED APPROXIMATELY 12" APART ACROSS THE WIDTH OF THE BLANKET.
2. ROLL THE BLANKETS DOWN ACROSS THE SLOPE. BLANKETS WILL UNROLL WITH THE APPROPRIATE SIDE AGAINST THE SOIL SURFACE. ALL BLANKETS MUST BE SECURELY FASTENED TO SOIL SURFACE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS SHOWN IN THE STAPLE PATTERN GUIDE.
3. WHEN USING OPTIONAL DOT SYSTEM, STAPLES/STAKES SHOULD BE PLACED THROUGH EACH OF THE COLORED DOTS CORRESPONDING TO THE APPROPRIATE STAPLE PATTERN.
4. THE EDGES OF PARALLEL BLANKETS MUST BE STAPLED WITH APPROXIMATELY 2"-5" OVERLAP DEPENDING ON BLANKET TYPE. TO ENSURE PROPER SEAM ALIGNMENT, PLACE THE EDGE OF THE OVERLAPPING BLANKET (BLANKET BEING INSTALLED ON TOP) EVEN WITH THE COLORED SEAM STITCH ON THE PREVIOUSLY INSTALLED BLANKET.
5. CONSECUTIVE BLANKETS SPLICED DOWN THE SLOPE MUST BE PLACED ACCORDING TO DETAILS A. B. C. D.
6. EROSION CONTROL BLANKETS SHALL BE INSTALLED FOLLOWING MANUFACTURERS SPECIFICATIONS.
7. IN LOOSE SOIL CONDITIONS, THE USE OF STAPLE OR STAKE LENGTHS GREATER THAN 6" MAY BE NECESSARY TO PROPERLY ANCHOR THE BLANKETS.



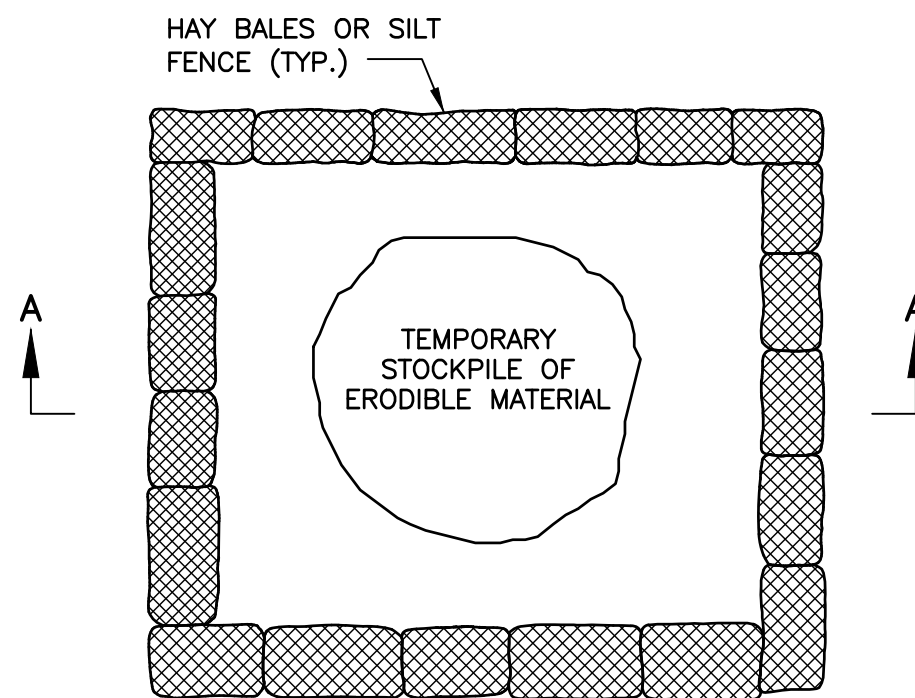
SEE SHEET 6 FOR LOCATION AND DIMENSIONS

**CONCRETE WASHOUT**

SCALE: N.T.S.

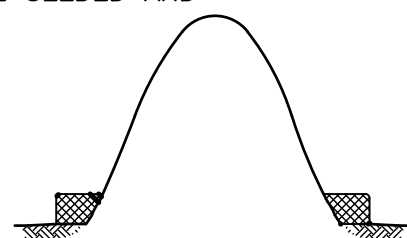
**NOTES:**

1. THE MINIMUM SIZE SHALL BE 8' X 8' AT THE BOTTOM AND 2' DEEP.
2. AN EXCAVATED PIT SHALL PROVIDE 2' HORIZONTAL TO 1' VERTICAL.
3. CONTRACTOR TO PROVIDE SIGNS ON SITE TO DIRECT DRIVERS TO ITS LOCATION.
4. LOCATION SHALL BE A MINIMUM OF 100' FROM DRAINAGE SWALES, STORM DRAIN INLETS, WETLANDS, STREAMS, AND OTHER SURFACE WATERS.
5. REFER TO "NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL" STANDARD AND SPECIFICATIONS FOR CONCRETE WASHOUT PG 2.24 FOR DEFINITIONS AND MAINTENANCE PARAMETERS.



PLAN

NOTE:  
FOR STOCKPILING ERODIBLE MATERIAL FOR EXTENDED PERIODS THE AREA SHALL BE SEEDDED AND MULCHED



SECTION A

**SEDIMENT CONTROL DETAIL FOR STOCKPILING OF ERODIBLE MATERIAL**

N.T.S.

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NAME OF PROJECT: THE TOWN OF BLOOMING GROVE - LASSER PARK SENIOR CENTER

ADDRESS: 49 STATION ROAD, SALISBURY MILLS, NY 12577

PROPOSED USE: ADULT EDUCATION

OWNER OR  
AUTHORIZED AGENT: \_\_\_\_\_

OWNED BY: THE TOWN OF BLOOMING GROVE ☐ CITY/COUNTY ☐ PRIVATE

PHONE # \_\_\_\_\_

CODE ENFORCEMENT  
JURISDICTION: ☐ CITY: \_\_\_\_\_ ☒ COUNTY: ORANGE ☐ STATE: NEW YORK

PLANS ARE FOR THE CONSTRUCTION OF A NEW PORCH AND DECK ON EXISTING MODULAR BUILDING AND FOUNDATION .

☒ NEW CONSTRUCTION    ☐ EXISTING STRUCTURE    ☐ TENANT IMPROVEMENT  
☐ CHANGE OF OCCUPANCY    ☐ ADDITION    ☐ ALTERATION    ☐ REPAIR

ALL WITH 2020 UNIFORM CODE  
SUPPLEMENT AMENDMENTS

FIRE CODE OF NEW YORK STATE, 2020 (IFC 2018)  
NEW YORK STATE ENERGY CONSERVATION CONSTRUCTION CODE, 2020 (IECC 2018)  
PLUMBING CODE OF NEW YORK STATE, 2020 (IBC 2018)  
MECHANICAL CODE OF NEW YORK STATE, 2020 (IBC 2018)  
FUEL GAS CODE OF NEW YORK STATE, 2020 (IBC 2018)  
ANSI 117.1, 2009 (ADA)

FACTORY & INDUSTRIAL: ☐ F-1 ☐ F-2

HIGH HAZARD: ☐ H-1 ☐ H-2 ☐ H-3 ☐ H-4 ☐ H-5

STORAGE: ☐ S-1 ☐ S-2 ☐ HIGH  
PILED

UTILITY AND MISC.: ☐ U

BUSINESS: ☒ B

INCIDENTAL USES: ☒ NO ☐ YES ☐ 509.2 ☐ 509.3 ☐ 509.4  
(SECTION 509)

**MIXED OCCUPANCY:** ☒ NO ☐ YES  
(SECTION 508)

**NON-SEPARATED MIXED OCCUPANCY (SECTION 508.3)**  
 THE REQUIRED TYPE OF CONSTRUCTION FOR THE BUILDING SHALL BE DETERMINED BY APPLYING THE HEIGHT AND AREA LIMITATIONS FOR EACH OF THE APPLICABLE OCCUPANCIES TO THE ENTIRE BUILDING. THE MOST RESTRICTIVE TYPE OF CONSTRUCTION, SO DETERMINED, SHALL APPLY TO THE ENTIRE BUILDING.

☐ SEPARATED MIXED OCCUPANCY (SECTION 508.4)HAZARDOUS MATERIALS: ☒ NO ☐ YES

CONSTRUCTION TYPE: ☐ I-A ☐ I-B ☐ II-A ☐ II-B ☐ III-A ☐ III-B ☐ IV ☐ V-A ☒ V-B  
(CHAPTER 6)

MIXED CONSTRUCTION: ☐ YES ☒ NO TYPES: \_\_\_\_\_

FIRE SPRINKLERS: ☐ YES ☒ NO ☐ NFPA 13 ☐ NFPA 13R ☐ NFPA 13D

MEZZANINE: ☒ N/A ☐ YES ☐ NO  
(505.2)

	<u>REQUIRED:</u>		<u>NOTES:</u>
MEANS OF EGRESS ILLUMINATION: (SECTION 1008)	<input type="checkbox"/> NO	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> N.A.
EXIT SIGNS: (SECTION 1013.1)	<input type="checkbox"/> NO	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> N.A.
FIRE ALARM: (SECTION 907.2)	<input type="checkbox"/> NO	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> N.A.
SMOKE DETECTION SYSTEM: (SECTION 907)	<input type="checkbox"/> NO	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> N.A.
PANIC HARDWARE: (SECTION 1010.1.10)	<input type="checkbox"/> NO	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> N.A.
FIRE EXTINGUISHERS: (SECTION 906.1)	<input type="checkbox"/> NO	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> N.A.
CARBON MONOXIDE DETECTION: (SECTION 915.1 IFC)	<input type="checkbox"/> NO	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> N.A.

REQUIRED:		NOTES:
<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES	

STORY NO.	OCC CLASS.	PROPOSED BLDG. AREA PER STORY (GROSS)	ALLOWABLE AREA PER STORY
			<input checked="" type="checkbox"/> NS <input type="checkbox"/> S1 <input type="checkbox"/> SM
FIRST FLOOR	B	5,995. SF	9,000 SF
BASEMENT	S-1	5,995. SF	9,000 SF

	PROPOSED	ALLOWABLE <input checked="" type="checkbox"/> NS <input type="checkbox"/> S	NOTES
BUILDING HT (FT)	+/- 16'-9"	40'-0"	TABLE 504.3
BUILDING HT (STORIES)	1 STORY	2 STORY	TABLE 504.4

AREA		FUNCTION OF SPACE	OCC. LOAD FACTOR (GROSS)	PROPOSED AREA (GROSS)	OCC. LOAD
	GROUND FLOOR	BUSINESS AREA	150	5,995, SF	170
	BASEMENT	STORAGE	300	5,995, SF	2
FIRST FLOOR TOTAL					

FLOOR, ROOM, OR SPACE DESIGNATION & OCC. LOAD	MINIMUM NUMBER OF EXITS <sup>3</sup>		TRAVEL DISTANCE <sup>2,4</sup>				ARRANGEMENT MEANS OF EGRESS <sup>5</sup>	
			COMMON PATH		TRAVEL DISTANCE		REQUIRED DISTANCE BETWEEN EXIT DOORS	PROPOSED DISTANCE
	REQUIRED	PROPOSED	ALLOWED	PROPOSED	ALLOWED	PROPOSED		
GROUND FLOOR - BASEMENT -	1	-	75'	<75' REFER TO EGRESS PLAN	200'	186'	45'-3"	60'

<sup>1</sup> CORRIDOR DEAD ENDS (SECTION 1020.4)

<sup>2</sup> SPACES WITH ONE EXIT OR EXIT ACCESS DOORWAY (TABLE 1006.2.1), MULTIPLE EXITS (SECTION 1006)

<sup>3</sup> COMMON PATH OF TRAVEL (TABLE 1006.2.1)

<sup>4</sup> EXIT ACCESS TRAVEL DISTANCE (TABLE 1017.2)

<sup>5</sup> EXIT AND EXIT ACCESS DOORWAY CONFIGURATION (SECTION 1007)

FLOOR, ROOM OR SPACE DESIGNATION	OCC. LOAD	CAPACITY FACTOR REQUIRED PER OCC.	REQUIRED EXIT WIDTH	PROPOSED EXIT WIDTH (EACH)
GROUND FL	-	OTHER: 0.2" (27 X .2 = 5.4")	3'-8" CLEAR	>3'-8" CLEAR
BASEMENT	-	STAIR: 0.3" (27 X .3 = 8.1")	36" (INCL 4-1/2" PROJECTION EACH SIDE)	36"
	(14+12) 26	OTHER: 0.2" (41 X .2 = 8.2")	32" CLEAR	32" CLEAR

LIFE SAFETY PLAN SHEET #, IF PROVIDED: REFER TO EGRESS PLAN

BUILDING ELEMENT	FIRE SEPARATION DISTANCE (FEET) (PER PLAN)	RATING REQUIRED (TABLE 601 & 602)	NOTES OR UL RATING RATED ASSEMBLY
STRUCTURAL FRAME (INCLUDING COLUMNS, GIRDERS, TRUSSES)		0 HR	
BEARING WALLS			
EXTERIOR			
NORTH	10 < X < 30"	0 HR	
EAST	30' +	0 HR	
SOUTH	30' +	0 HR	
WEST	30' +	0 HR	
INTERIOR		0 HR	
NONBEARING WALLS & PARTITIONS INTERIOR		0 HR	
FLOOR CONSTRUCTION (INCLUDING SUPPORTING BEAMS AND JOISTS)		0 HR	
ROOF CONSTRUCTION (INCLUDING SUPPORTING BEAMS AND JOISTS)		0 HR	
SHAFTS - EXIT (SECTION 713)		N/A	
CORRIDOR SEPARATION (TABLE 1020.1)		N/A	
OCCUPANCY SEPARATION (TABLE 508.4)		N/A	
FIRE WALL (SECTION 706)		N/A	
FIRE BARRIER (SECTION 707)		N/A	
FIRE PARTITION (SEC. 708)		N/A	
SMOKE BARRIER SEPARATION (SECTION 709)		N/A	
CONCEALED SPACES (SECTION 718) *		N/A	

- **INSTALL FIRE BLOCKING AND DRAFT STOPPING IN ACCORDANCE WITH SECTION 718**

CLIMATE ZONE 4 (NASSAU COUNTY, NY)				
TABLE C402.1.3 - INSULATION BY COMPONENT & TABLE C402.1.4 - ENVELOPE ASSEMBLY				
COMPONENT / ASSEMBLY	DESCRIPTION	REQUIRED	PROPOSED	NOTES
ROOF	ATTIC AND OTHER	N.A.	N.A.	(BY OTHERS)
WALLS / WOOD FRAMED	DORMER WALLS	N.A.	N.A.	(BY OTHERS)
WALLS	MASS WALLS	R-9.5 c.i.	R-9.75 c.i.	
WALLS	BELOW GRADE WALLS	R-7.5 c.i.	R-10 c.i.	
SLAB ON GRADE FLOORS	UNHEATED SLABS	R-10	R-10	24" BELOW GRADE
DOORS - SWINGING	SWINGING	U-0.61	U-0.61	

TABLE C402.4 - FENESTRATION		
VERTICAL FENESTRATION	U - FACTOR	
	REQUIRED	PROPOSED
FIXED FENESTRATION	U-0.38	U-0.38
OPERABLE FENESTRATION	U-0.45	U-0.45
ENTRANCE DOORS (NON OPAQUE)	U-0.77	N/A
SHGC (PF = PROJECTION FACTOR OF WINDOW OVERHANG)	U - FACTOR	
	REQUIRED	PROPOSED
PF < 0.2	U-0.36	N/A
$0.2 \leq PF < 0.5$	U-0.43	U-0.38
PF $\geq 0.5$	U-0.58	U-0.53

ALLOWABLE	PROPOSED	NOTES
< 30% OF GROSS ABOVE-GRADE WALL AREA	+/- 9%	1

1. EXCLUDES OPAQUE DOORS AND OPAQUE SPANDREL PANELS.

EXTERIOR WALL	FIRE SEPARATION DISTANCE (FEET) (PER PLAN)	ALLOWABLE AREA % (TABLE 705.8)		PROPOSED
		UNPROTECTED NON-SPRINKLERED	PROTECTED	
NORTH	15' TO LESS THAN 20'	NO LIMIT	NO LIMIT	NO LIMIT
EAST	30' OR GREATER	NO LIMIT	NO LIMIT	NO LIMIT
SOUTH	30' OR GREATER	NO LIMIT	NO LIMIT	NO LIMIT
WEST	30' OR GREATER	NO LIMIT	NO LIMIT	NO LIMIT

**RATING WALL & CEILING:**


INTERIOR WALL & CEILING FINISH REQUIREMENTS BY OCCUPANCY (TABLE 803.3)	GROUP	NON-SPRINKLERED	
		ALLOWED - ROOMS & ENCLOSED SPACES	PROPOSED
	U	NO RESTRICTIONS	NO RESTRICTIONS

INTERIOR WALL AND CEILING FINISHES SHALL BE CLASSIFIED IN ACCORDANCE WITH ASTM E 84. SUCH INTERIOR FINISHES MATERIAL SHALL BE GROUP IN THE FOLLOWING CLASSES IN ACCORDANCE WITH THEIR FLAME SPREAD INDEX.

1. CLASS A : FLAME SPREAD INDEX 0-25.  
(VERTICAL EXITS & EXIT PASSAGEWAYS)  
(EXIST ACCESS CORRIDOR & OTHER EXITWAYS)
2. CLASS B : FLAME SPREAD INDEX 26-75
3. CLASS C : FLAME SPREAD 76-200. (ROOMS & ENCLOSED SPACES)

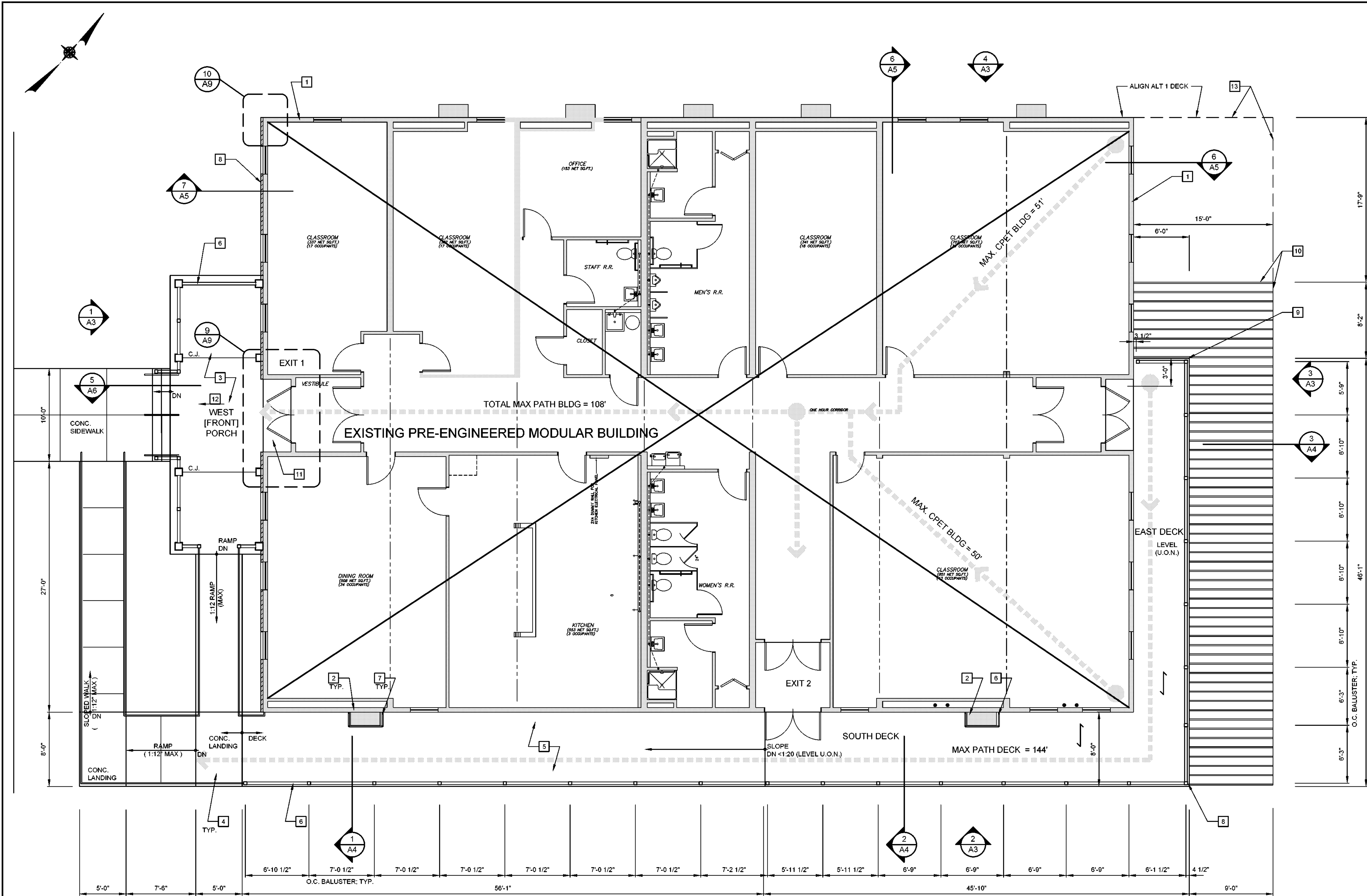
AS THE REGISTERED DESIGN PROFESSIONAL RESPONSIBLE FOR THESE PLANS, I HEREBY STATE THAT TO THE BEST OF MY KNOWLEDGE, BELIEF, AND PROFESSIONAL JUDGEMENT, THESE PLANS AND SPECIFICATIONS ARE IN COMPLIANCE WITH THE 2020 NYS ENERGY CONSTRUCTION CODE.

ENTIRE BUILDING EXTERIOR ENVELOPE SHALL BE PROVIDED WITH AN AIR BARRIER COMPLYING WITH SECTION C402.5 OF THE 2020 NYSECC (WITH AMENDMENTS).

				UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF SECTION 7209 OF THE NEW YORK STATE EDUCATION LAW.				TOWN OF BLOOMING GROVE		CONTRACT 2		PROJECT NO. 5708		DRAWING NO.  <b>A01</b>	
				PROJECT ENGINEER: AE DRAWN BY: DB				ORANGE COUNTY NEW YORK		CODE ANALYSIS		DATE: AUGUST 2023			
				DESIGNED BY: BA CHECKED BY: BA/WD				LASSER PARK SENIOR CENTER		ARCHITECTURAL		SCALE: AS NOTED			
NO.	DATE	REVISION													



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1  
A1  
CONSTRUCTION PLAN  
SCALE: 3/16" = 1'-0"

- GENERAL NOTES:**
- ALL WORK SHALL COMPLY WITH FEDERAL, STATE, AND LOCAL CODES.
  - INSTALL DECK SYSTEM AND RAILINGS PER MANUFACTURER'S RECOMMENDATIONS AND DIRECTIVES.
  - EXISTING PRE-ENGINEERED BUILDING MANUFACTURED BY TITAN MODULAR SYSTEMS, INC.
  - SEE CIVIL DWGS FOR SIDEWALK, RAMP AND LANDING ELEVATIONS.

- KEY NOTES:** #
- EXISTING PRE-ENGINEERED MODULAR BUILDING w/ EXTERIOR STANDING SEAM METAL PANEL FINISH BY OTHERS (EXCEPT FOR WEST ELEVATION FINISHES).
  - EXISTING WALL-MOUNTED AIR CONDITIONING UNITS.
  - CONCRETE PORCH FLOORING AND STEPS WITH A 'BROOM' FINISH.  
**ADD ALTERNATE BID ITEM # 3**  
STAMPED CONCRETE FLOORING FINISH. MANUFACTURER: GRUTTADAURO MASONRY LLC. PATTERN: 18"x36" BLUESTONE, OR EQUAL.
  - CONC. SLOPED WALKWAYS ACCESSIBLE RAMPS AND LANDINGS WITH METAL HANDRAILS. SEE CIVIL DWGS. FOR ELEVATIONS.
  - COMPOSITE DECK: TREX (TRANSCEND) COMPOSITE DECKING. BOARD PROFILE TO BE 1" SQUARE-EDGE BOARDS INSTALLED W/ HIDDEN FASTENERS. COLOR: GRAVEL PATH. BOARDS TO BE CUT CLEAN ON BOTH ENDS A MIN. 3/16". NO SPECIAL PATTERN. BOARDS TO RUN PARALLEL TO REAR OF BUILDING.
  - TREX (TRANSCEND) COMPOSITE RAILINGS. COMPOSITE POSTS TO INCLUDE FLAT CAP AND SLEEVE SKIRT. COLOR TO BE DETERMINED. - BALUSTERS TO BE ROUND ALUMINUM IN BLACK. LOWER RAILS TO BE VINTAGE [CLASSIC WHITE] AND UPPER RAIL TO BE [CLASSIC WHITE].
  - 1 1/2" DIA. PIPE RAILINGS BELOW AIR CONDITIONERS; SEE DETAIL 1/A4.
  - THINSTONE RAINSCREEN SYSTEM FIELD APPLIED TO MODULAR BUILDING SHEATHING; SEE ELEVATIONS FOR ADDITIONAL INFORMATION.
  - EXTENT OF BASE BID DECK PLANKING AND RAILINGS UNDER CONTRACT 02 AND DEDUCT ALTERNATE 2
  - EXTENT OF BASE BID DECK SUPPORT FRAMING (FOR FUTURE DECK EXPANSION). BID ITEM 3
  - AT WEST ELEVATION / PORCH ALCOVE INSTALL 2"x2" CERAMIC TILE OVER EXIST PLYWD DECK & FLASHING; PROVIDE BULLNOSE TILE CUT IN 2" SECTIONS TO ALIGN WITH FIELD TILE. LEADING EDGE OF BULLNOSE TO BE INSTALLED AT CONCRETE SLAB EDGE. START FIELD LAYOUT WITH FULL TILES BEHIND BULLNOSE; REFER TO CERAMIC TILE SPEC FOR ADDITIONAL INFORMATION.
  - PITCH PORCH CONCRETE SLAB 1/8" : 12" TO DRAIN.
  - ADD ALTERNATE BID ITEM # 1**  
EXTEND DECK TO FULL 15' DEPTH OF FRAMING, DECK AND RAILING TO ALIGN WITH NORTH WALL; SEE NOTE 20 ON DWG A3.

- EGRESS LEGEND:** SEE CODE ANALYSIS DWG A01
- REMOTE POINT
  - PATH OF TRAVEL / TRAVEL DISTANCE
  - DIRECTION OF TRAVEL

- PLAN LEGEND:**
- MODULAR BUILDING WALLS (BY OTHERS)
  - E.I.F.S. FINISH
  - THINSTONE RAINSCREEN FINISH
  - DECK PLANK DIRECTION

NO.	DATE	REVISION	INT.

UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF SECTION 7209 OF THE NEW YORK STATE EDUCATION LAW.			
PROJECT ENGINEER:	AE	DRAWN BY:	DB
DESIGNED BY:	BA	CHECKED BY:	BA/WM

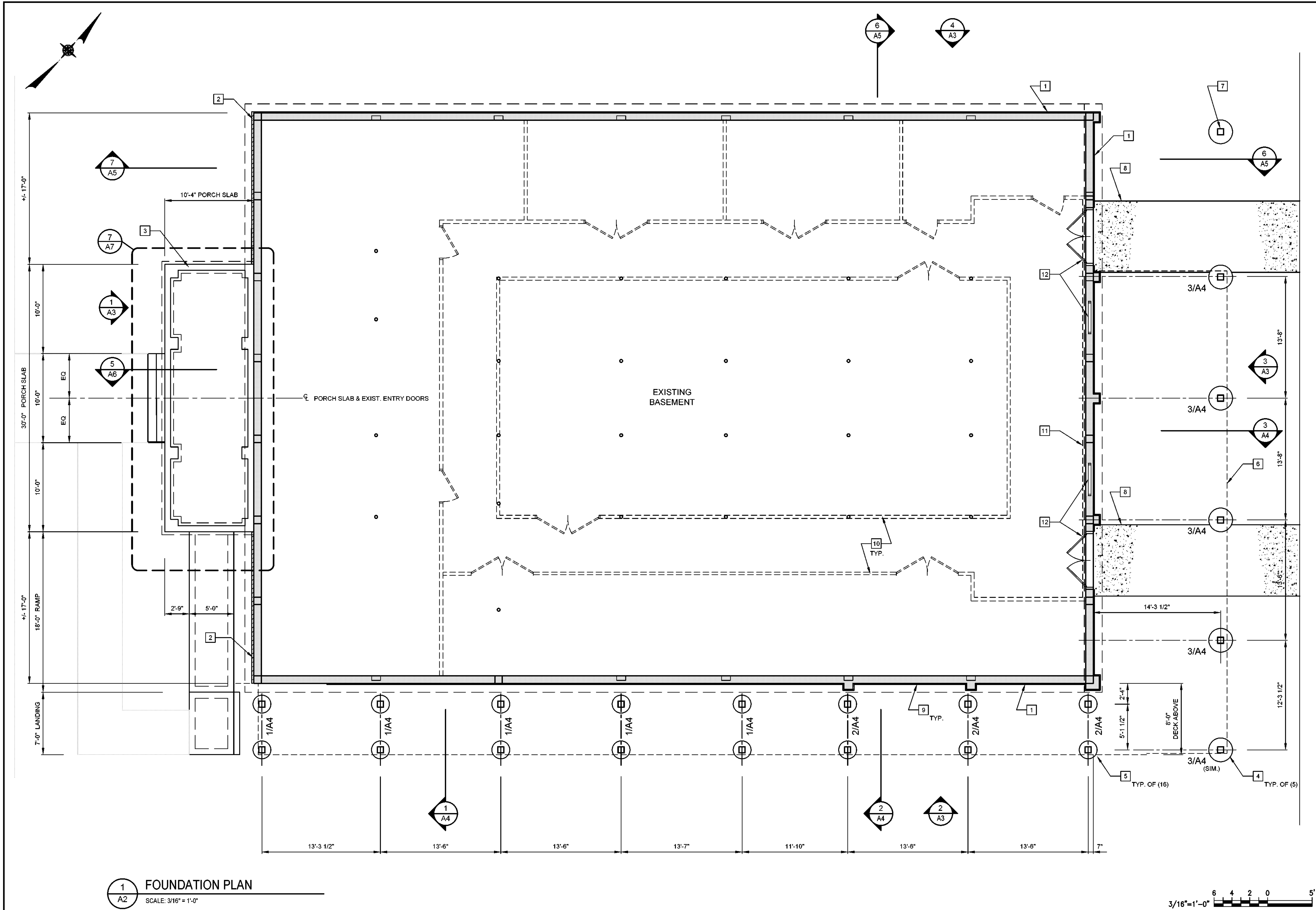


TOWN OF BLOOMING GROVE	
ORANGE COUNTY	NEW YORK
LASSER PARK SENIOR CENTER	

CONTRACT 2
CONSTRUCTION PLAN
ARCHITECTURAL

PROJECT NO. 5708	DRAWING NO. <b>A1</b>
DATE: AUGUST 2023	
SCALE: AS NOTED	

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GENERAL NOTES:

- SEE SHEET A1 FOR GENERAL NOTES U.O.N.

KEY NOTES: #

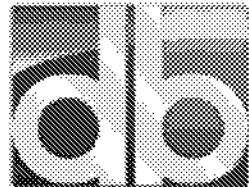
- EIFS FINISH. SEE ELEVATION AND DETAILS FOR ADDITIONAL INFORMATION.
- THINSTONE FINISH.
- NEW CONCRETE PORCH FOUNDATION.
- 30" Ø CONCRETE SONOTUBE DECK FOOTINGS TO 4'-0" BELOW GRADE W/ (4) #4 BARS VERT. W/ 3" COVER.
- 24" Ø CONCRETE SONOTUBE DECK FOOTINGS TO 4'-0" BELOW GRADE W/ (4) #4 BARS VERT. W/ 3" COVER.
- DECK AND FRAMING ABOVE.
- ADD ALTERNATE BID ITEM # 1**  
TYP. POST AND PIER FOR DECK.  
NOTE: PIER FOR FUTURE DECK EXPANSION TO BE PROVIDED IN BASE BID.
- CONCRETE PADS; SEE CIVIL DWGS.
- FOUNDATION VENT / LOUVER; SEE MECH DWGS AND DETAIL 11/A9 FOR MORE INFORMATION.
- FUTURE INTERIOR PARTITIONS AND DOORS BY OTHERS.
- FUTURE INTERIOR FOUNDATION WALL INSULATED FURRING BY OTHERS; SEE DETAIL 6/A9
- EXISTING FOUNDATION WALL DOORS AND WINDOWS; SEE HEAD AND JAMB DETAILS DWG A9

PLAN LEGEND:

- CONC. FOUNDATION WALLS AND COLUMNS UNDER CONTRACT 1
- EIFS FINISH
- THINSTONE RAINSCREEN FINISH

NO.	DATE	REVISION	INT.

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PROJECT ENGINEER:	AE	DRAWN BY:	DB
DESIGNED BY:	BA	CHECKED BY:	BA/WD



D&B ENGINEERS  
AND ARCHITECTS

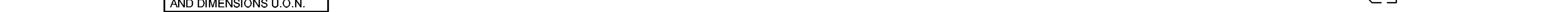
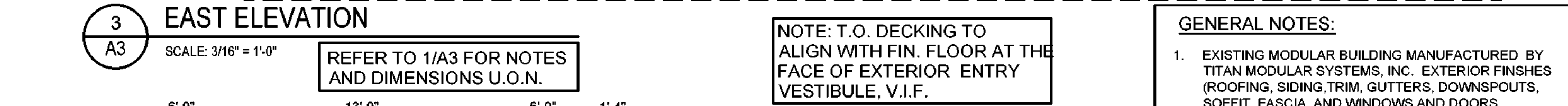
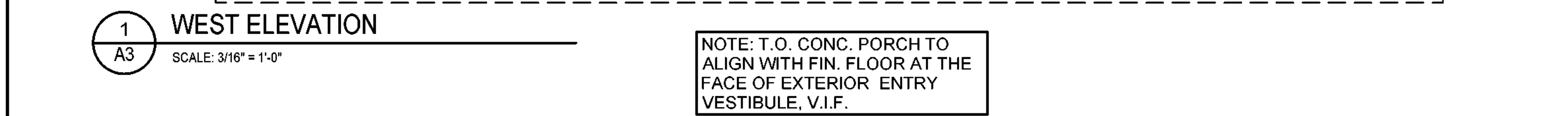
TOWN OF BLOOMING GROVE	
ORANGE COUNTY	NEW YORK
LASSER PARK SENIOR CENTER	

CONTRACT 2
FOUNDATION PLAN
ARCHITECTURAL

PROJECT NO. 5708
DATE: AUGUST 2023
SCALE: AS NOTED

DRAWING NO. <b>A2</b>
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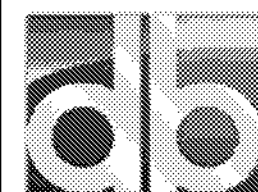
- GENERAL NOTES:**
1. EXISTING MODULAR BUILDING MANUFACTURED BY TITAN MODULAR SYSTEMS, INC. EXTERIOR FINISHES (ROOFING, SIDING, TRIM, GUTTERS, DOWNSPOUTS, SOFFIT, FASCIA, AND WINDOWS AND DOORS.
  2. THIN STONE SIDING, WINDOW AND DOOR TRIM, AND INTERIOR REGION FINISHES ON THE WEST ELEVATION OF THE MODULAR UNIT SHALL BE PROVIDED IN THE BASE BID AS DETAILED HEREIN.
  3. VERIFY ALL EXISTING CONDITIONS IN FIELD.

- KEY NOTES:** #

  1. EXISTING MODULAR BUILDING WITH METAL SIDING
  2. CORONADO 'LEDGESTONE SERIES' PRO LEDGE HURON THIN STONE RAINSCREEN FINISH INSTALLED ON MODULAR UNIT SUBSTRATE. (WEST ELEVATION ONLY).
  3. INSTALL E.I.F.S. FINISH ON CONC. FOUNDATION WALLS U.O.N..
  4. TREX TRANSCEND COMPOSITE DECK RAILING SYSTEMS; + 38" H. AT FRONT PORCH (< 30" ABOVE GRADE); + 42" H. AT WOOD DECK.
  5. 1x4 PVC TRIM
  6. P.T. DECK FRAMING WITH TREX COMPOSITE DECK.
  7. WOOD FRAMED PORCH ROOF w/ STANDING SEAM METAL ROOFING. COLOR TO MATCH BUILDING MANSARD.
  8. PVC WRAPPED COLUMN ENCLOSURES. AND PORCH TRIM.
  9. CONCRETE PORCH FOUNDATION, SLAB AND STEPS.
  10. 1 1/2" DIA. ALUMINUM HANDRAILS AT RAMP, SLOPED SIDEWALKS, AND LANDINGS. RAMP AND DECK LANDING RAILINGS TO ALSO BE PROVIDED WITH HAVE TOE RAIL.
  11. EXISTING MODULAR BUILDING AIR CONDITIONING UNIT
  12. EXTERIOR AND EMERGENCY LIGHTING w/ BATTERY BACKUP; SEE ELEC DWGS
  13. EXISTING BASEMENT FOUNDATION, DOORS, WINDOWS, AND VENTS.
  14. EXPOSED CONC. FOUNDATION WALL AT SOUTH ELEVATION
  15. FOUNDATION WALL VENT ( BEYOND RAMP) WITH DEPRESSED GRADE TO CLEAR.
  16. SNOW GUARDS; SIZE, SPACE AND INSTALL PER MFR RECOMMENDATIONS FOR THE PROJECT LOCATION.
  17. EXISTING EXTERIOR LIGHTING; V.I.F.
  18. CEMENT PARGE FINISH ON AREA BELOW E.I.F.S. TO 6" ABOVE GRADE; TYP.
  19. PROVIDE 1/2" CEMENT PARGE ON PORCH BASE AND STEPS.
  20. **ADD ALTERNATE BID ITEM #1**  
PROVIDE FULL DEPTH / FULL LENGTH DECK AND RAILING ON EAST ELEVATION. PROVIDE ONE (1) ADDITIONAL DECK TYPICAL POST POST AND FOUNDATION AT NORTH END.
  21. FOUNDATION VENT / LOUVER; SEE MECH DWGS AND DETAIL 11/A9 FOR MORE INFORMATION.
  22. METAL FLASHING AND PVC TRIM;  
SEE TYP. FOUNDATION WALL SECTIONS DWG A5.
  23. DOWNSPOUT TO SPLASHBLOCK.
  24. WALL MOUNTED LIGHT FIXTURE; SEE ELEC. DWGS..

		AND DIMENSIONS (IN)	
NO.	DATE	REVISION	INT.

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PROJECT ENGINEER: <b>AE</b>	DRAWN BY: <b>DB</b>
DESIGNED BY: <b>BA</b>	CHECKED BY: <b>BA/WD</b>

D&B ENGINEERS  
AND ARCHITECTS

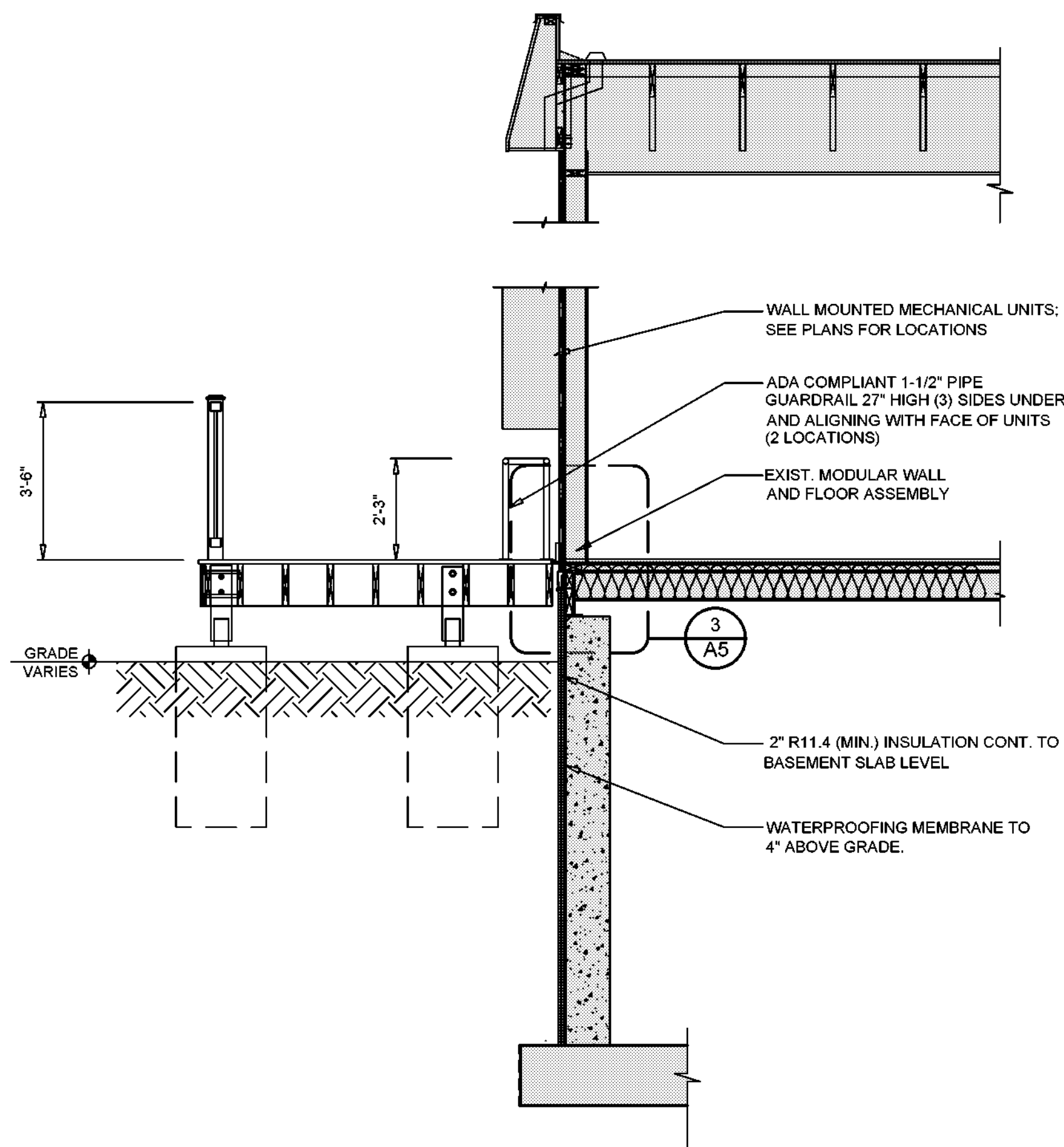
<b>TOWN OF BLOOMING GROVE</b>	
ORANGE COUNTY	NEW YORK
<b>LASSER PARK SENIOR CENTER</b>	

CONTRACT 2

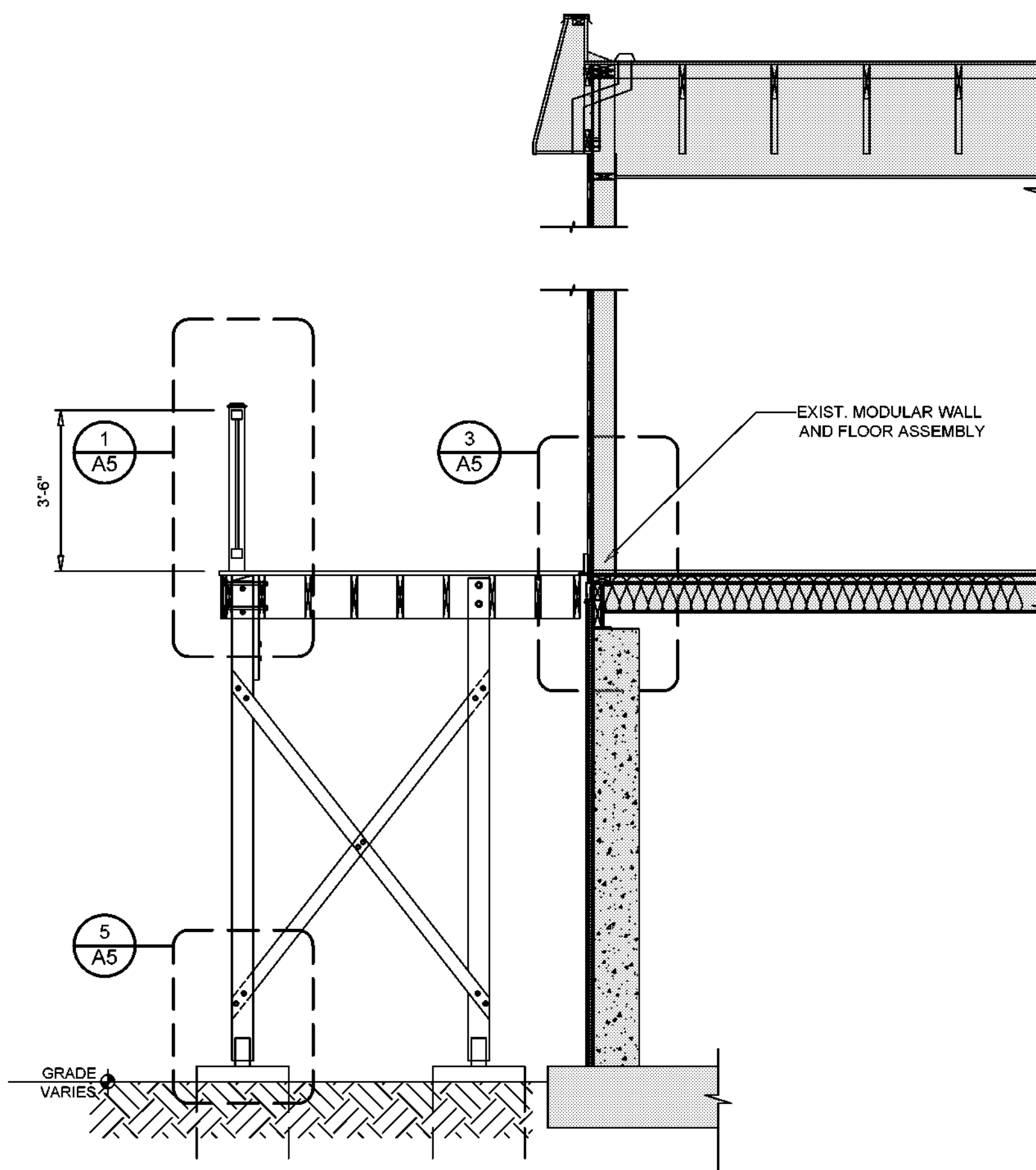
EXTERIOR ELEVATIONS

ARCHITECTURAL

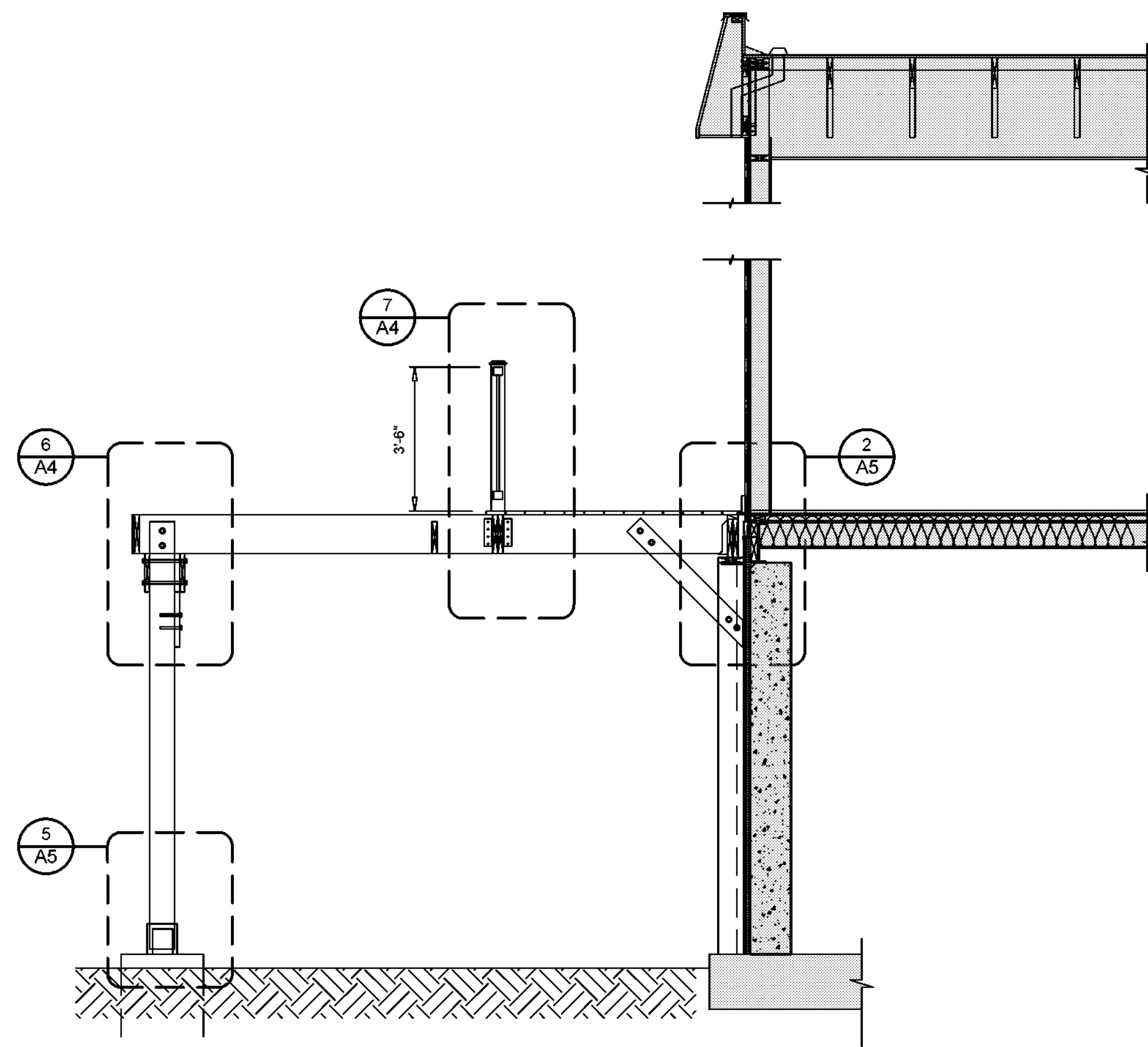
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DATE:  <b>AUGUST 2023</b>	
SCALE:  <b>AS NOTED</b>	



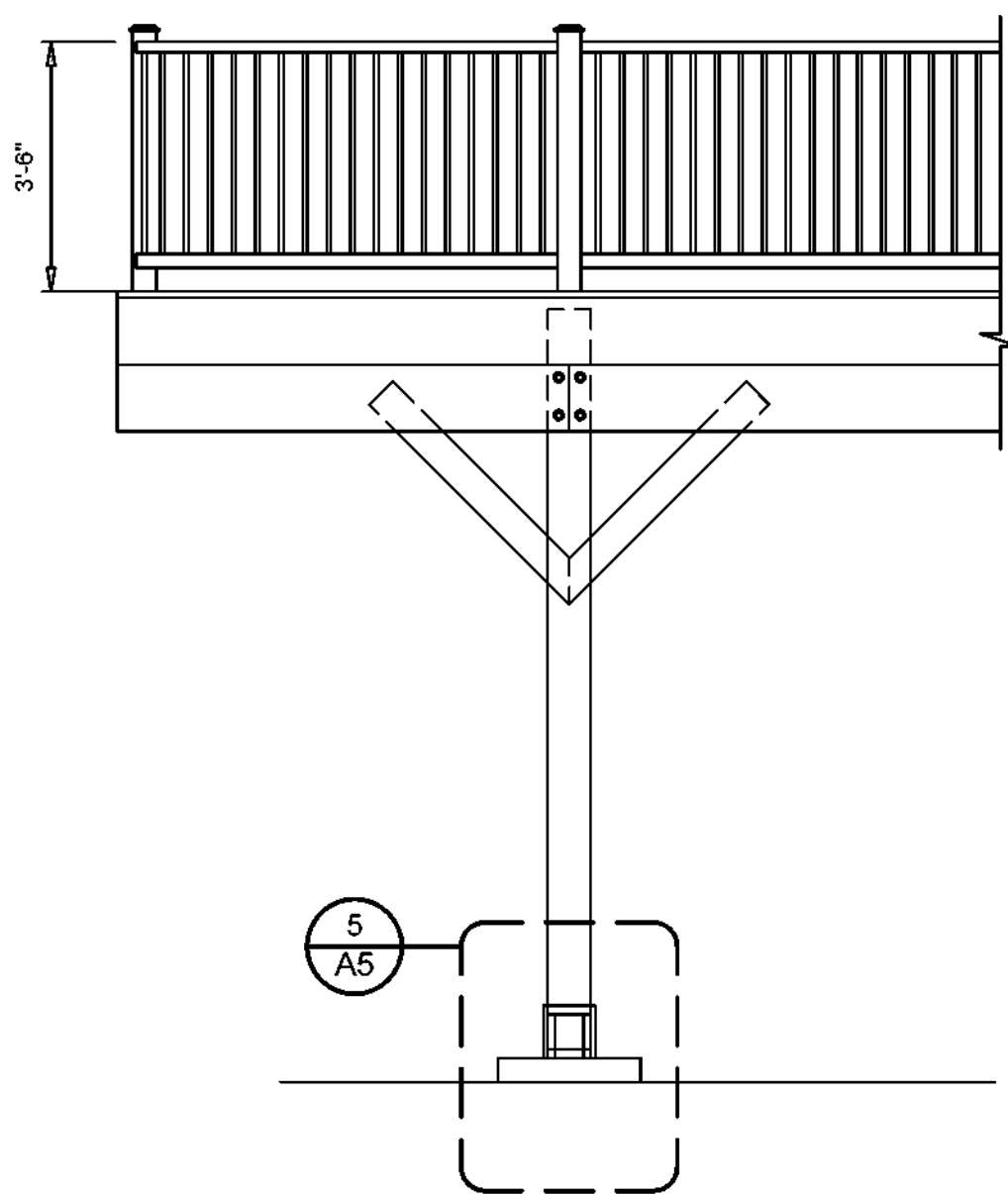
1 SOUTH DECK SECTION  
A4 SCALE: 3/8" = 1'-0"



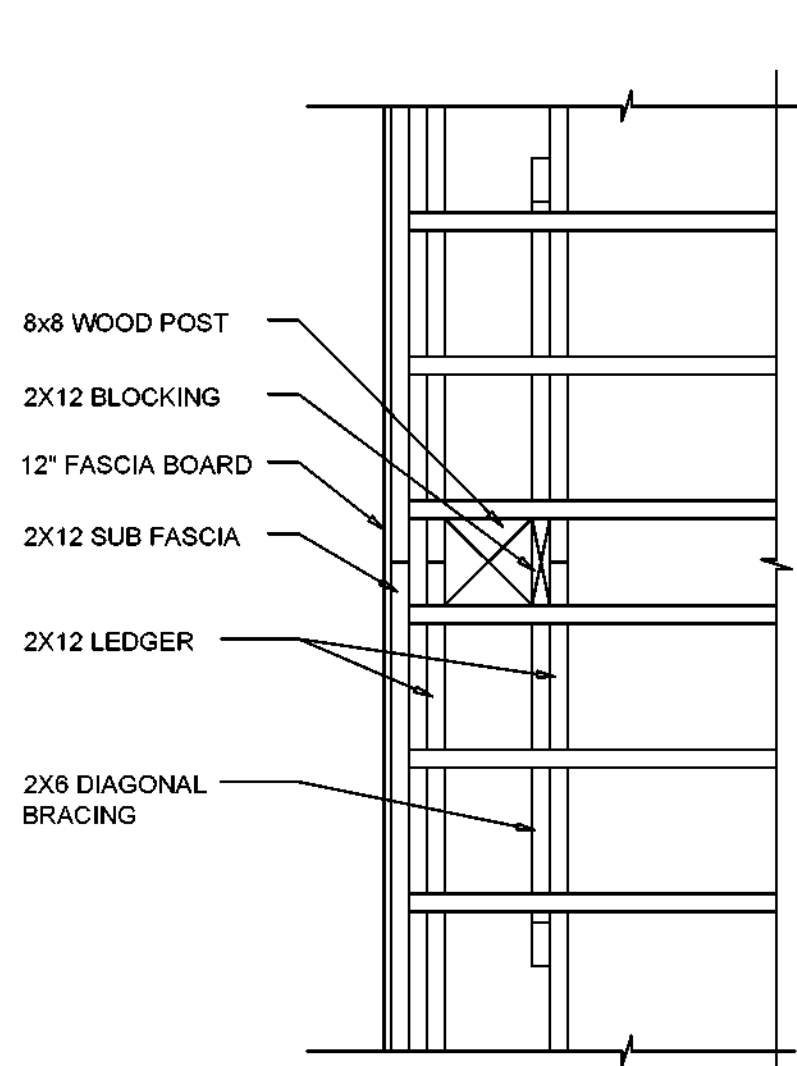
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A4 SCALE: 3/8" = 1'-0"



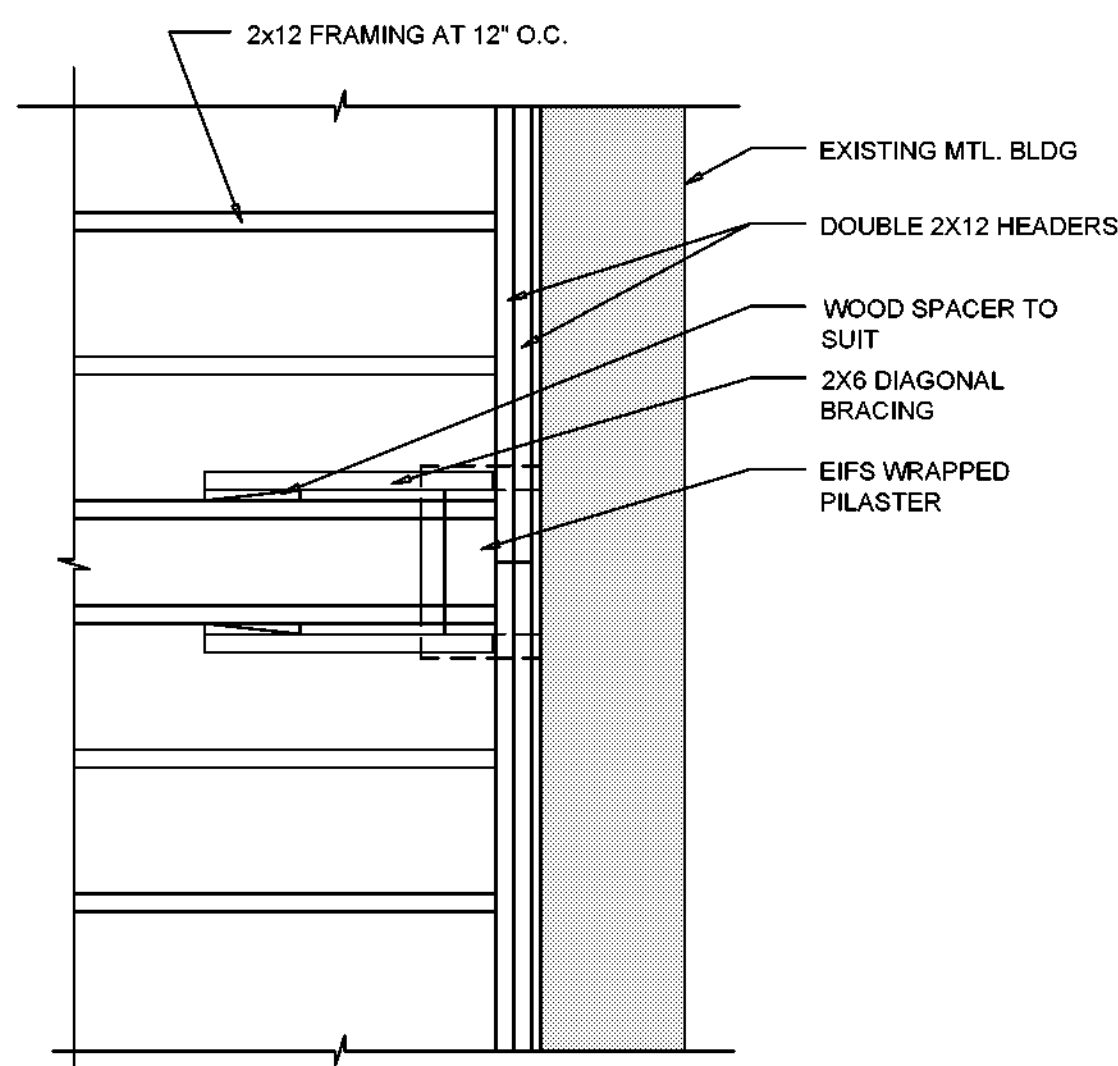
3 EAST DECK SECTION  
A4 SCALE: 3/8" = 1'-0"



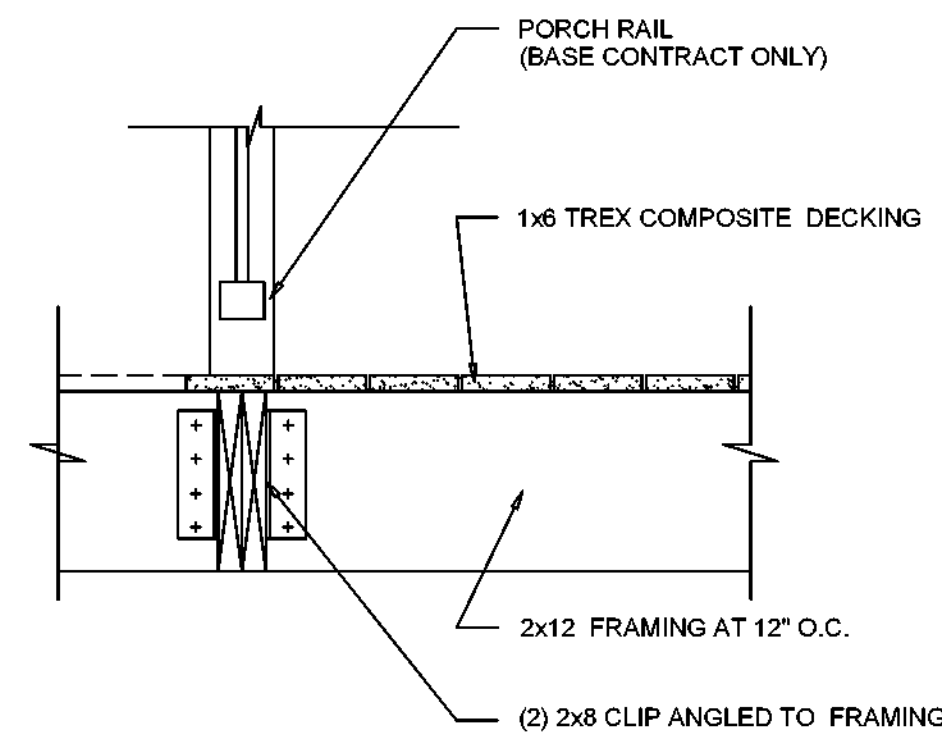
4 EAST DECK ELEVATION DETAIL  
A4 SCALE: 3/8" = 1'-0"



5 DECK FRAMING PLAN DETAIL  
A4 SCALE: 3/4" = 1'-0"



6 EAST DECK SECTION  
A7 SCALE: 1" = 1'-0"



7 EAST DECK SECTION  
A7 SCALE: 1" = 1'-0"

LEGEND:  
MODULAR BUILDING (BY OTHERS) AND  
CONTRACT 1 FOUNDATION (EXISTING)

NO.	DATE	REVISION	INT.

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PROJECT ENGINEER: AE	DRAWN BY: DB
DESIGNED BY: BA	CHECKED BY: BA/WDM

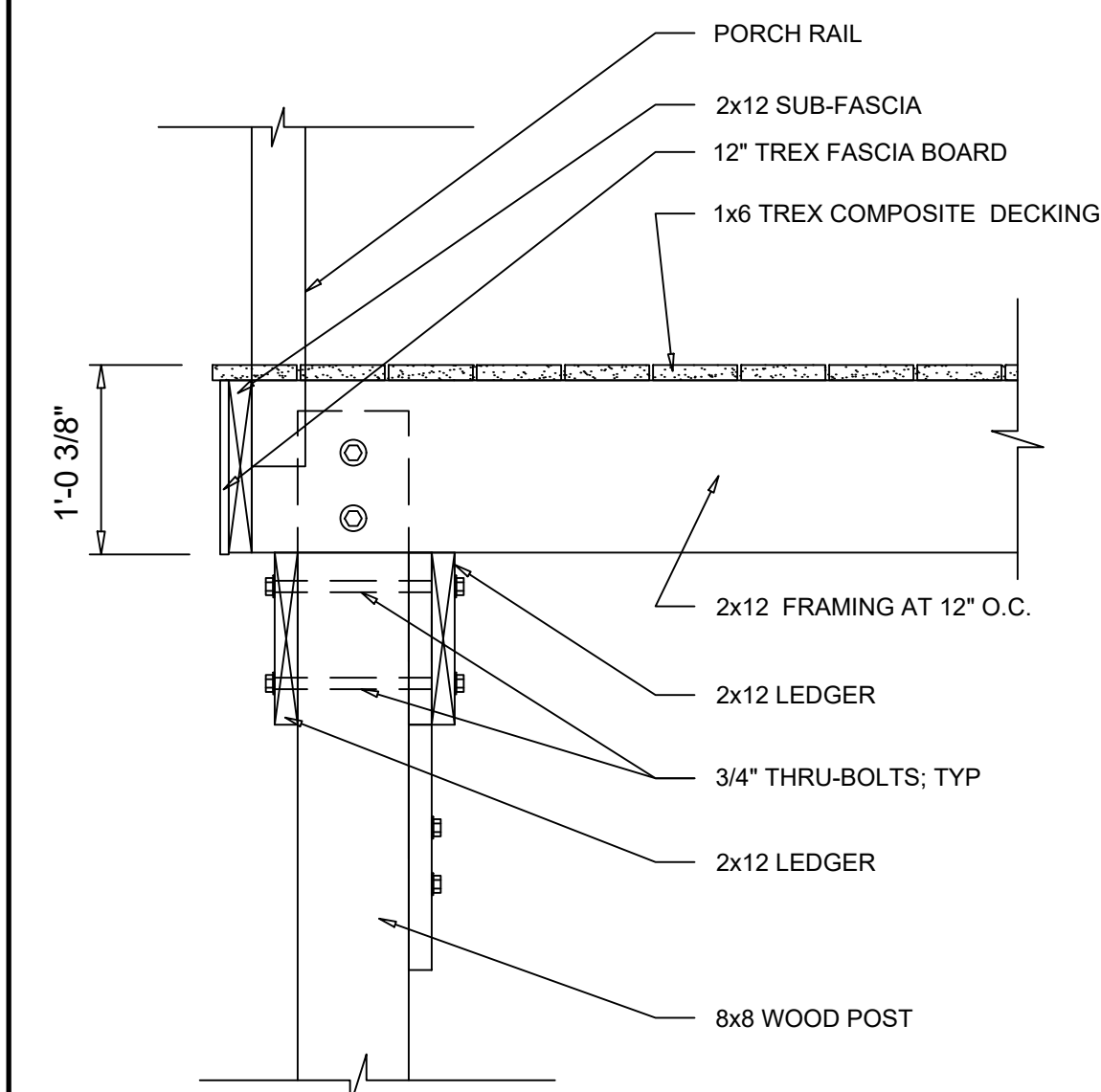


TOWN OF BLOOMING GROVE	
ORANGE COUNTY	NEW YORK
LASSER PARK SENIOR CENTER	

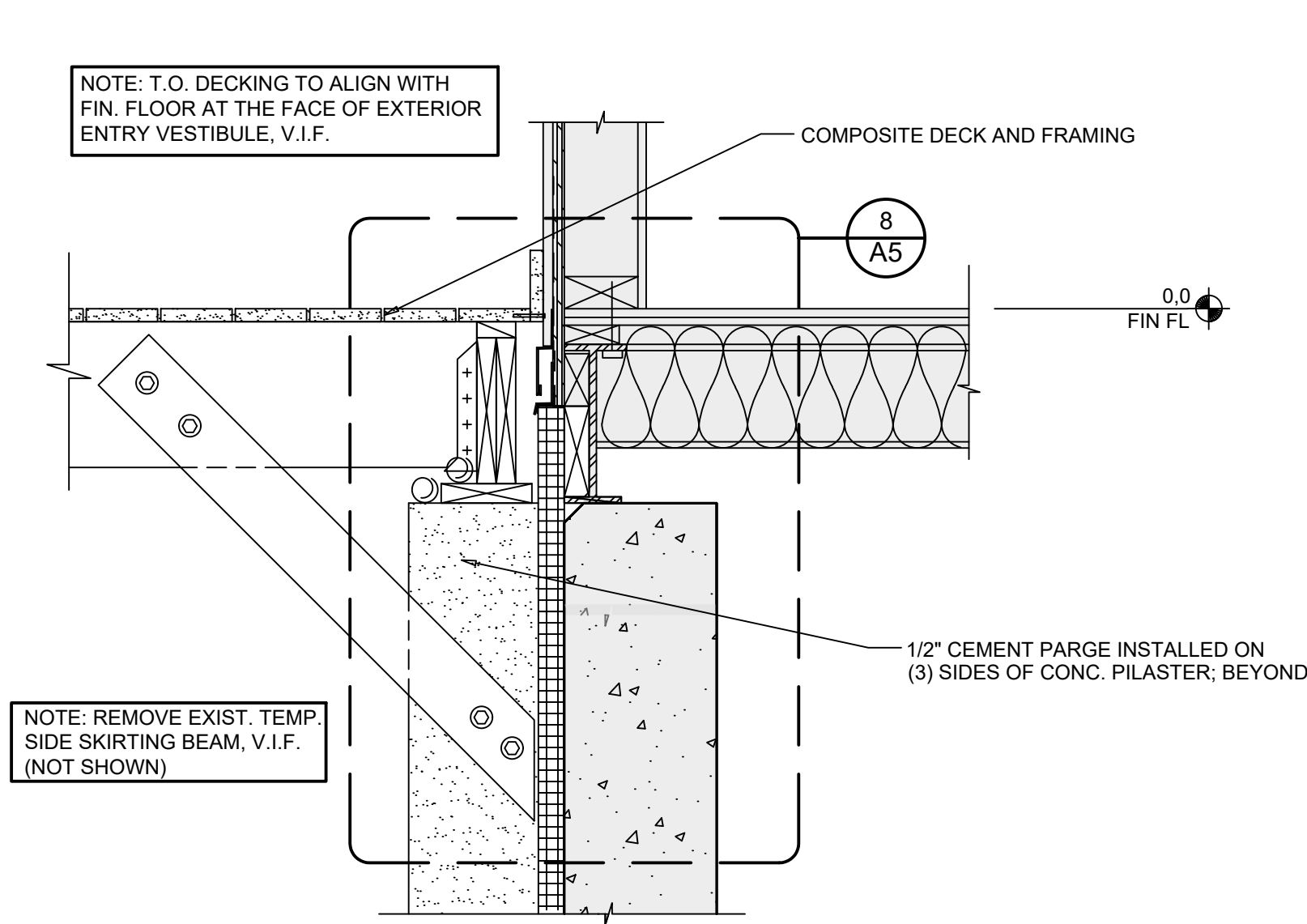
CONTRACT 2
SECTION 5
ARCHITECTURAL

PROJECT NO. 5708	DRAWING NO. <b>A4</b>
DATE: AUGUST 2023	
SCALE: AS NOTED	

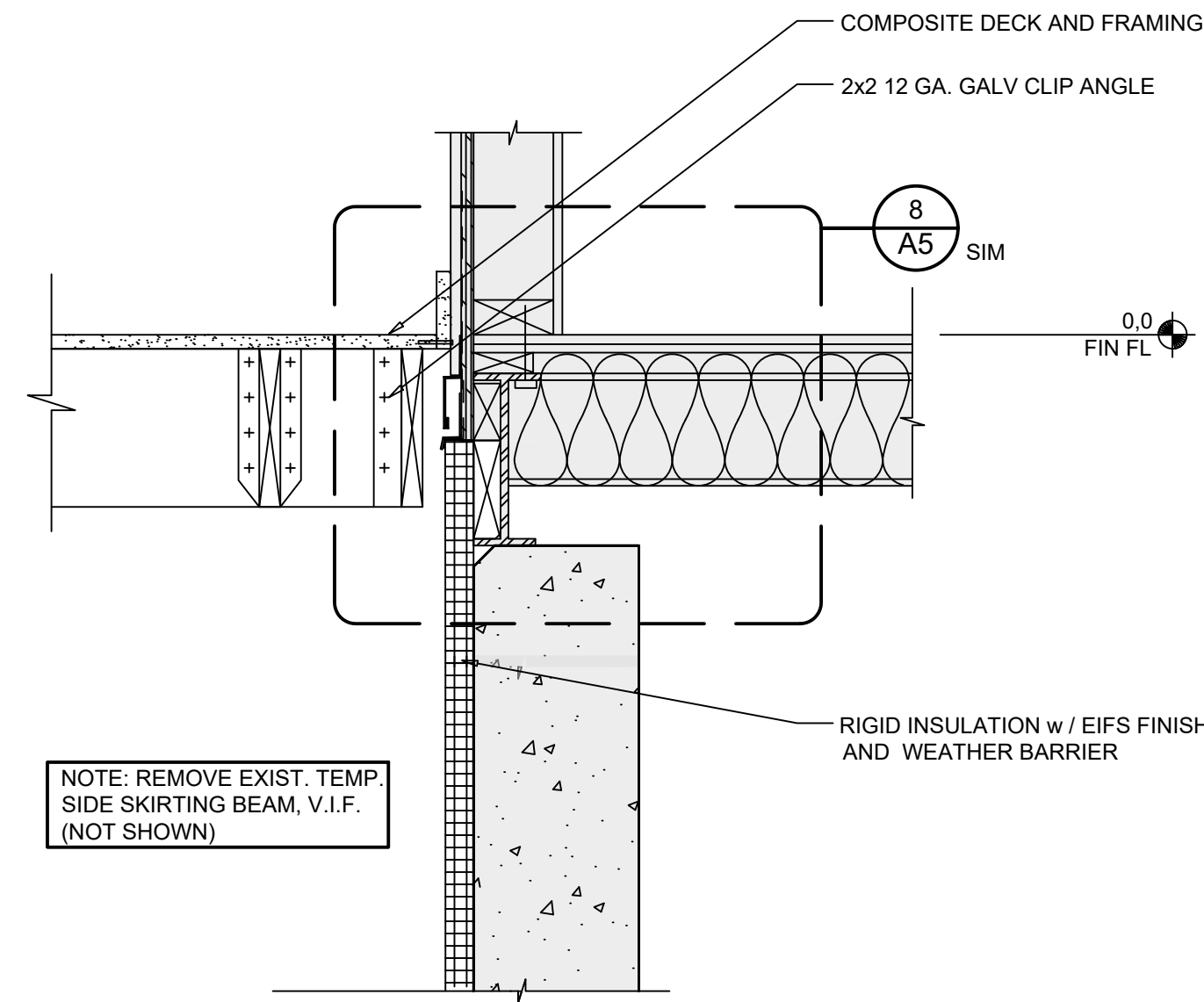




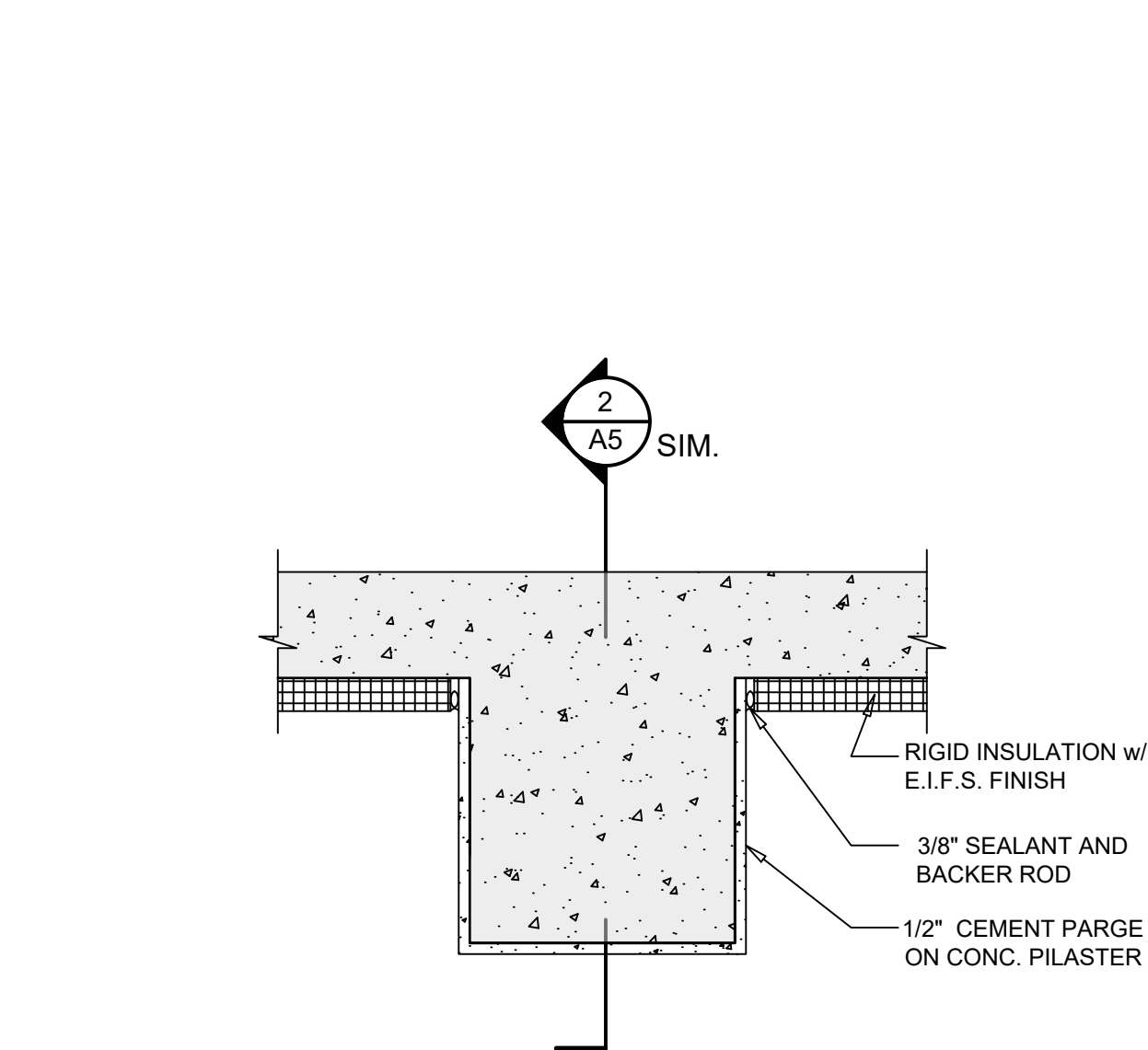
1 DECK FRAMING SECTION  
A5 SCALE: 1" = 1'-0"



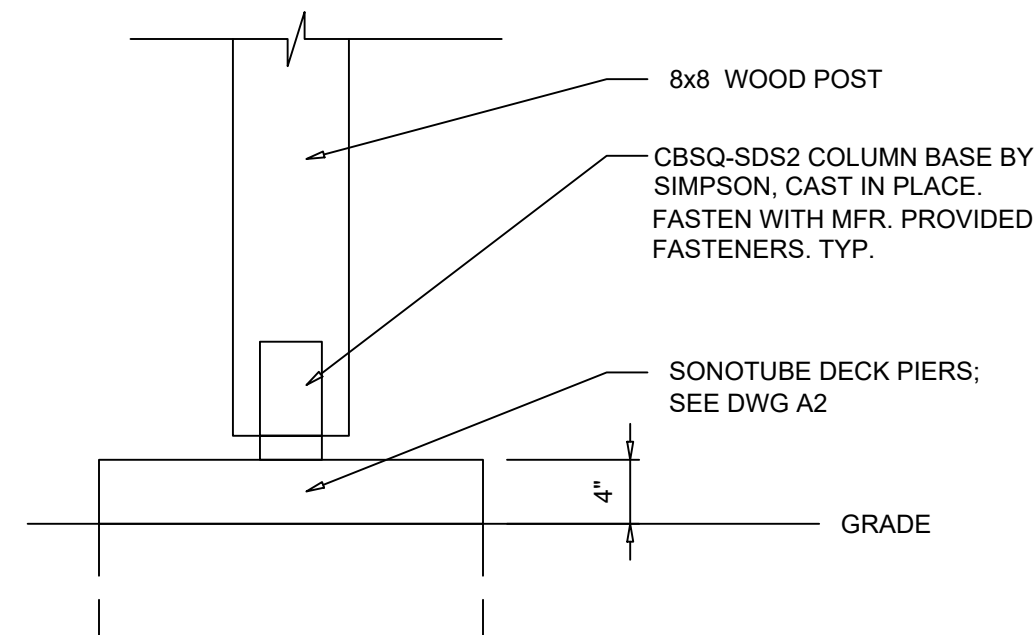
2 DECK FRAMING SECTION  
A5 SCALE: 1" = 1'-0"



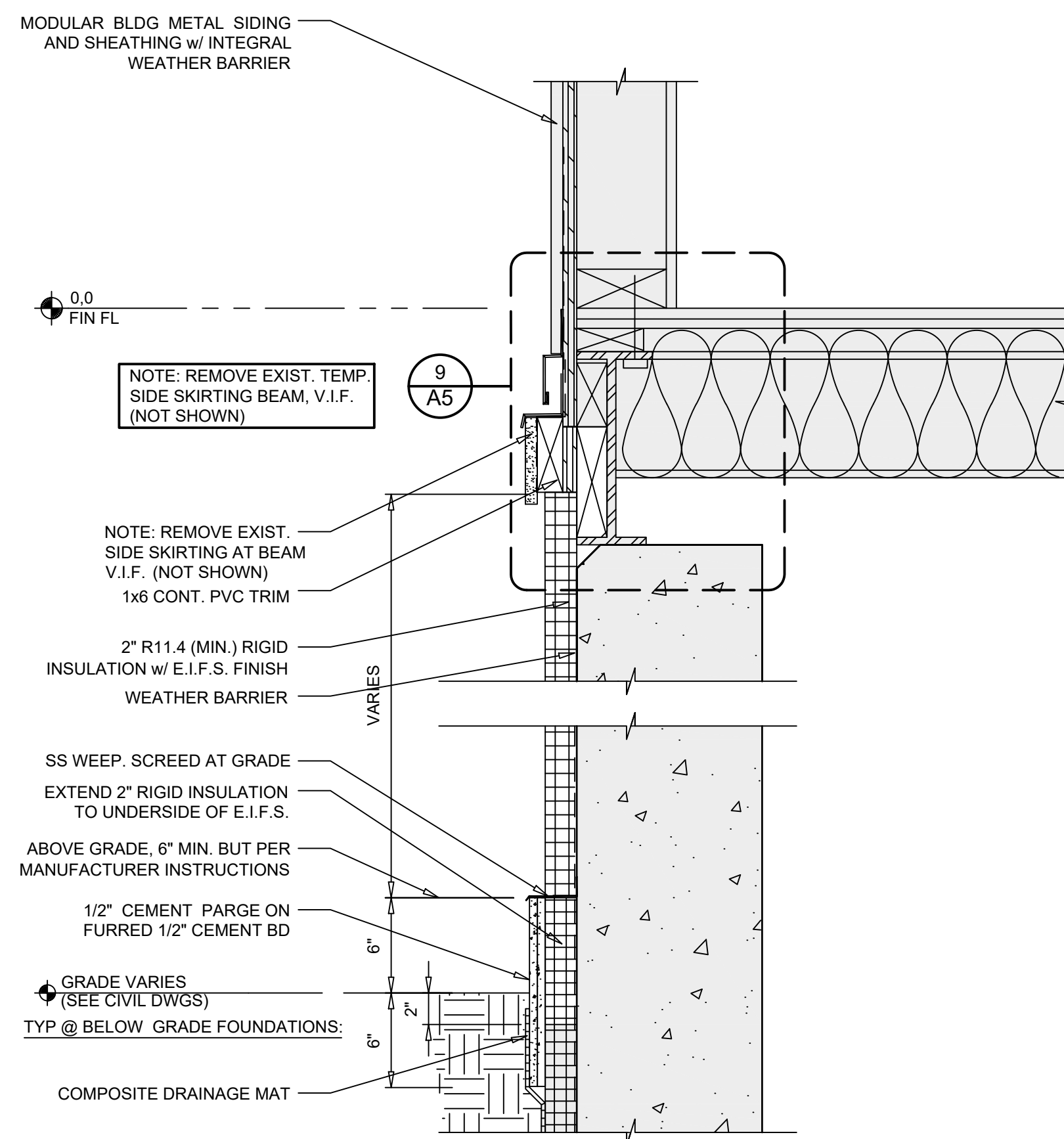
3 DECK FRAMING SECTION  
A5 SCALE: 1" = 1'-0"  
REFER TO 8/A5 FOR NOTES AND DIMENSIONS U.O.N.



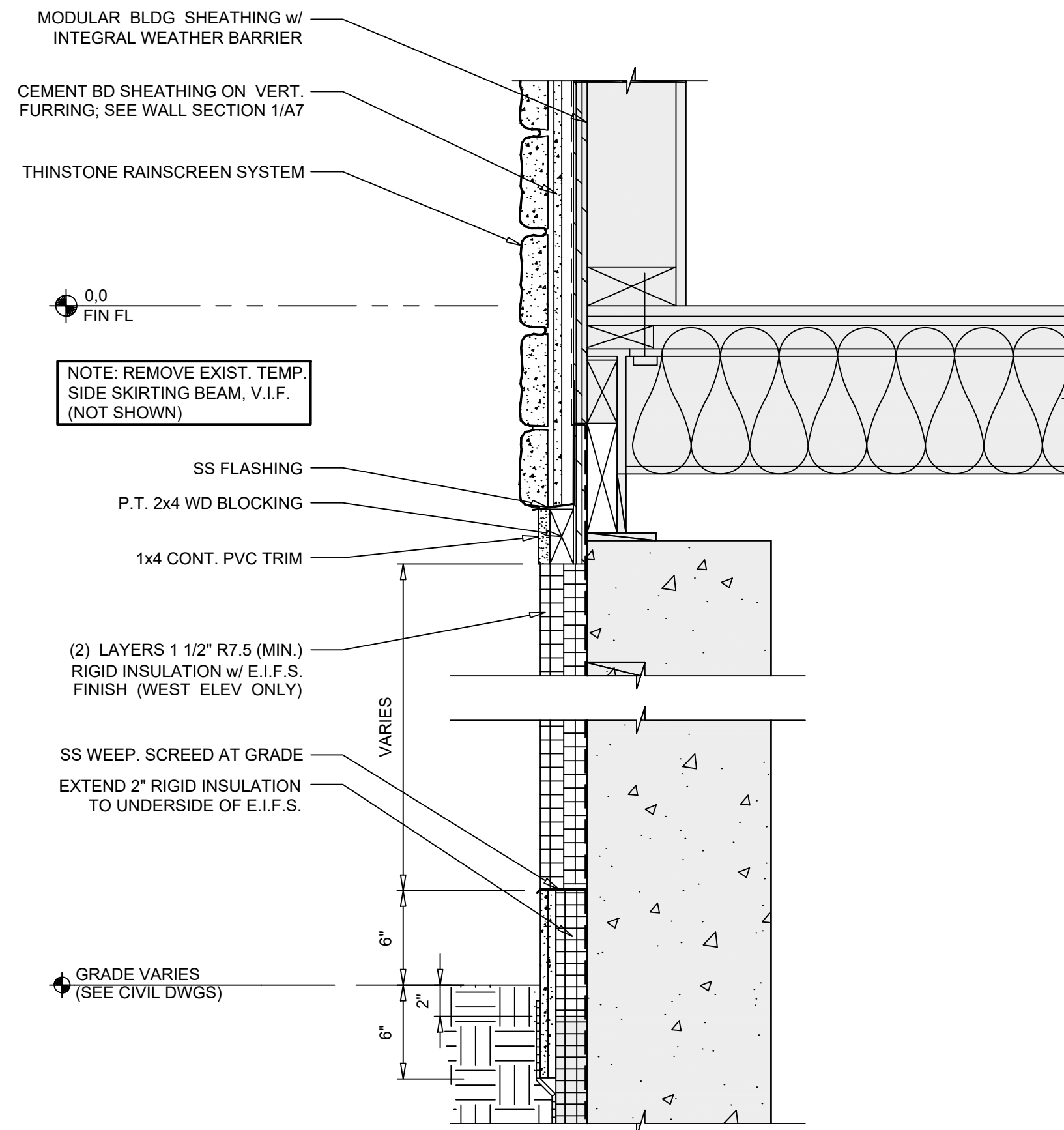
4 TYP. CONCRETE PILASTER PLAN  
A5 SCALE: 1-1/2" = 1'-0"  
REFER TO 6/A5 FOR NOTES AND DIMENSIONS U.O.N.



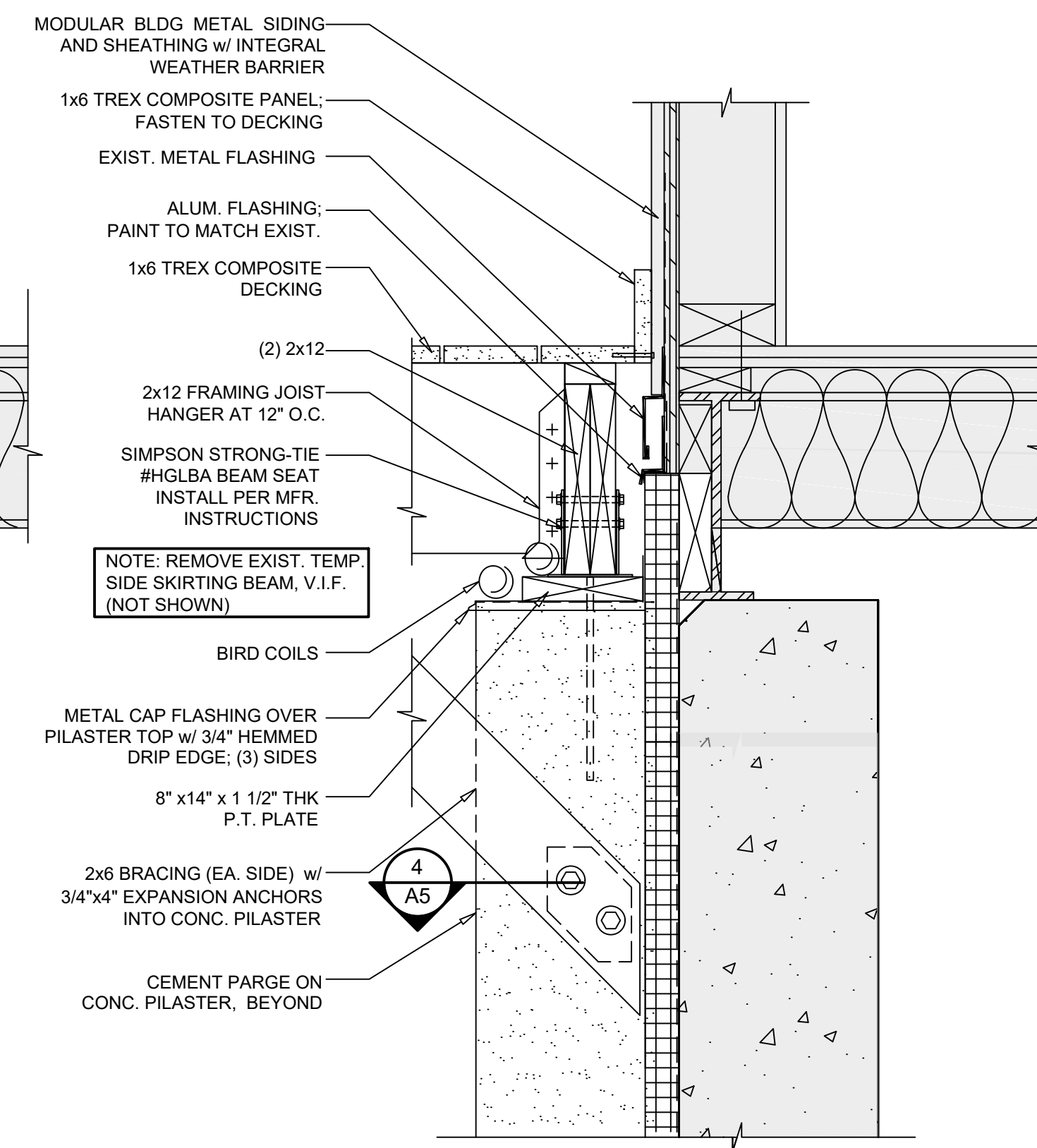
5 DECK FRAMING POST DETAIL  
A5 SCALE: 1" = 1'-0"



6 TYP. SECTION @ FOUNDATION WALL  
A5 SCALE: 1-1/2" = 1'-0"



7 SECTION @ THINSTONE WALL FINISH  
A5 SCALE: 1-1/2" = 1'-0"  
REFER TO 6/A5 FOR NOTES AND DIMENSIONS U.O.N.



8 TYP. SECTION @ FOUNDATION WALL  
A5 SCALE: 1-1/2" = 1'-0"  
AND DECK FRAMING AT CONC. PILASTER

LEGEND:	
	MODULAR BUILDING (BY OTHERS) AND CONTRACT 1 FOUNDATION (EXISTING)

NO.	DATE	REVISION	INT.

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PROJECT ENGINEER: AE	DRAWN BY: DB
DESIGNED BY: BA	CHECKED BY: BA/WD

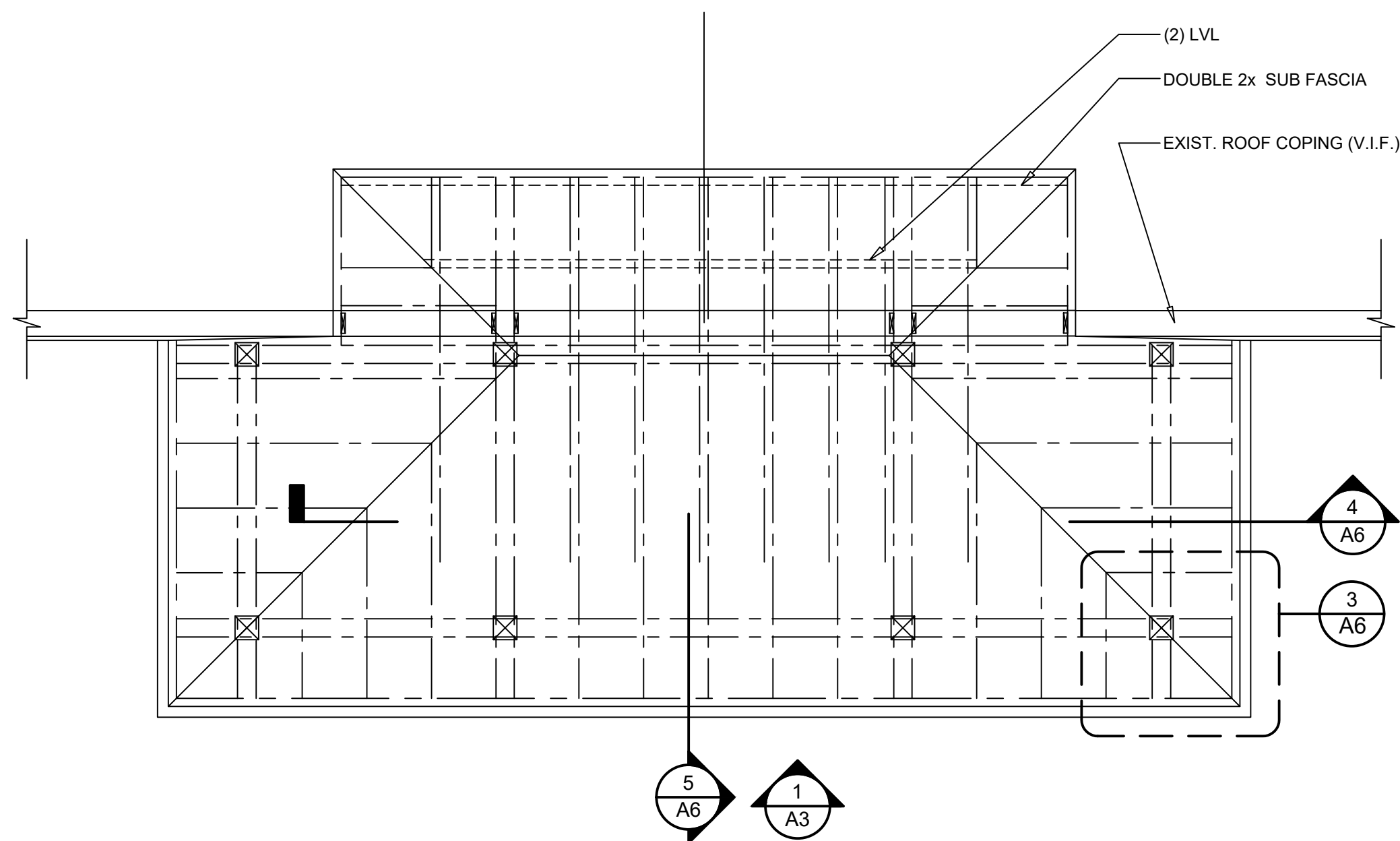


TOWN OF BLOOMING GROVE	
ORANGE COUNTY	NEW YORK
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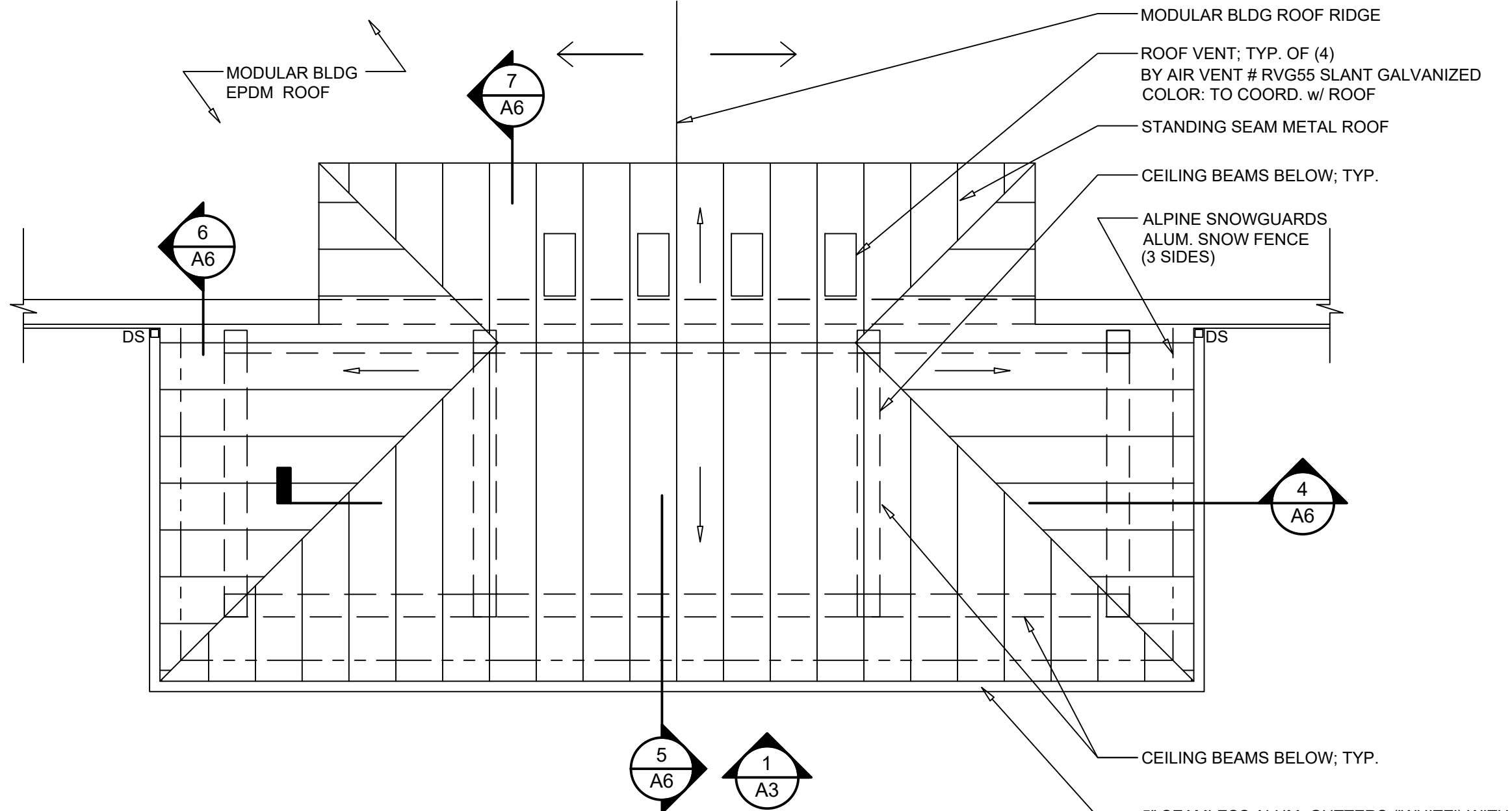
CONTRACT 2	
SECTIONS AND DETAILS	
ARCHITECTURAL	

PROJECT NO. 5708	A5
DATE: AUGUST 2023	
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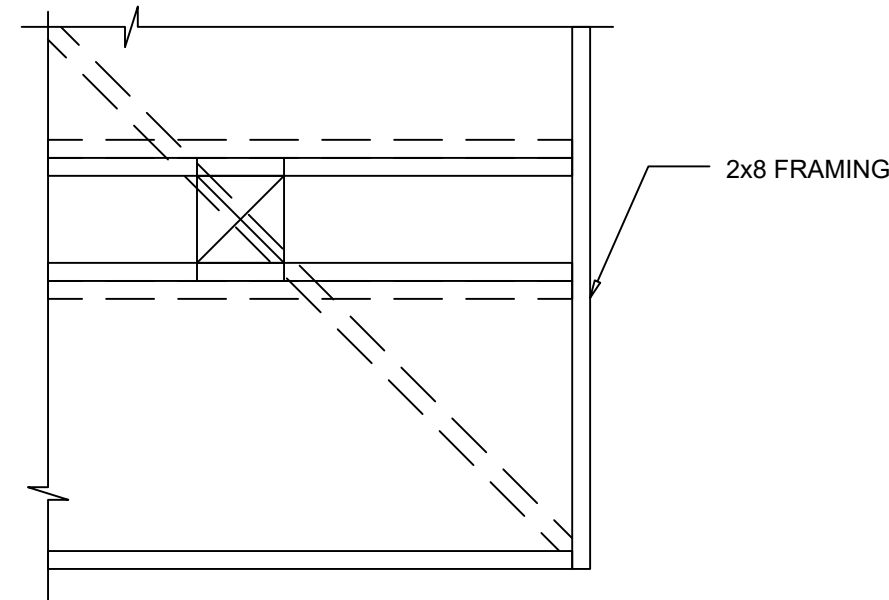




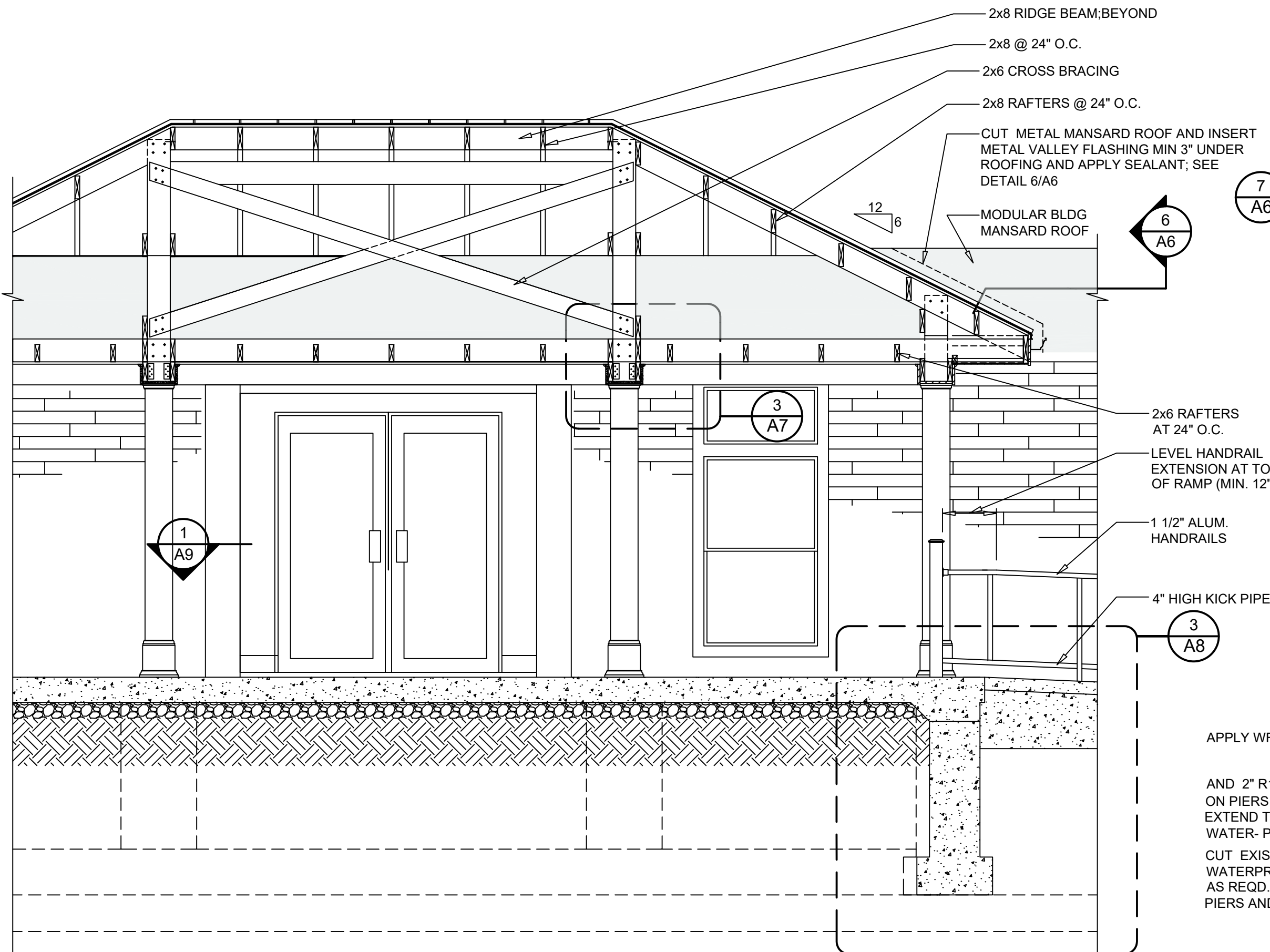
1 PORCH ROOF FRAMING PLAN  
SCALE: 1/4" = 1'-0"



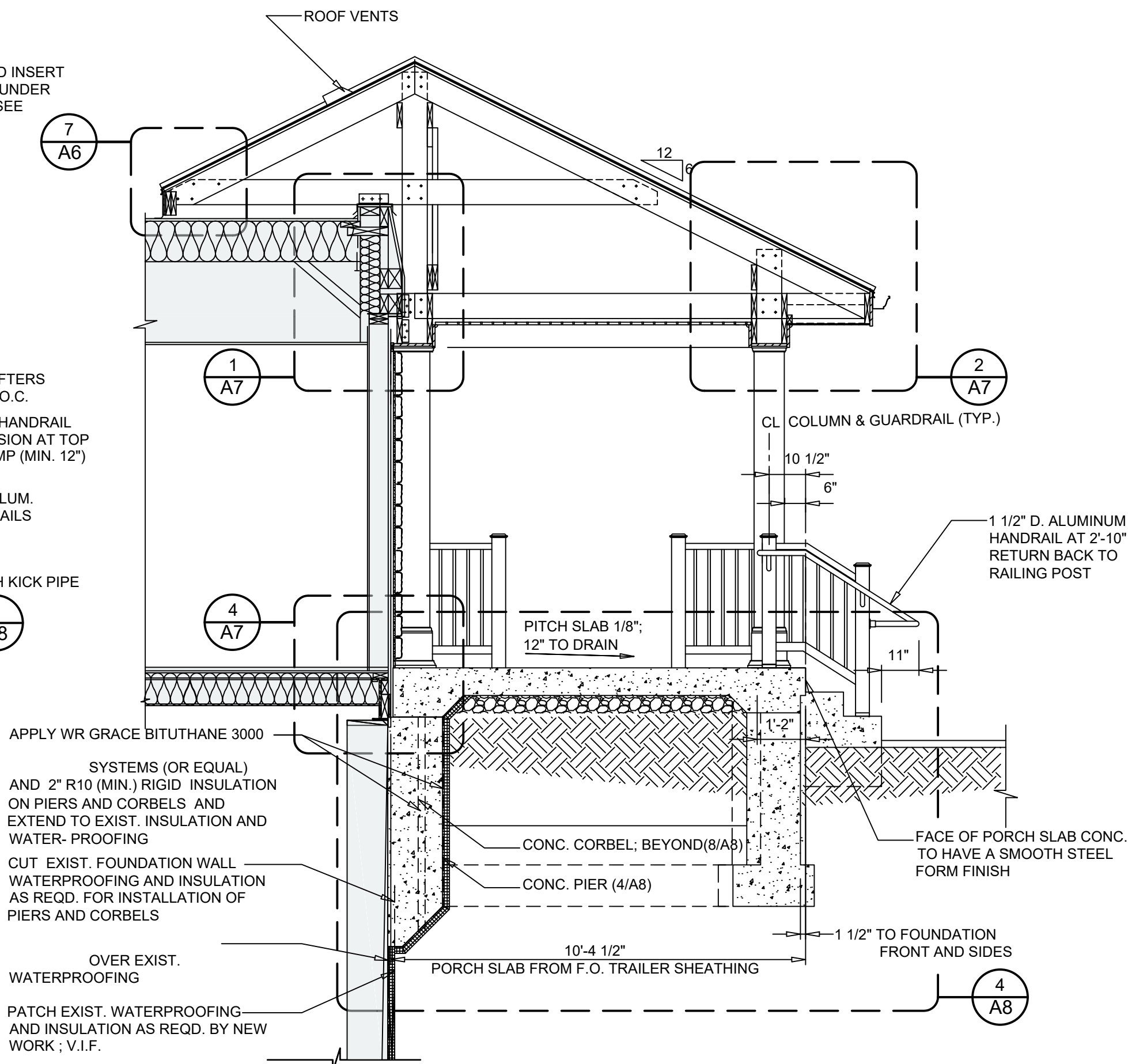
2 PORCH ROOF PLAN  
SCALE: 1/4" = 1'-0"



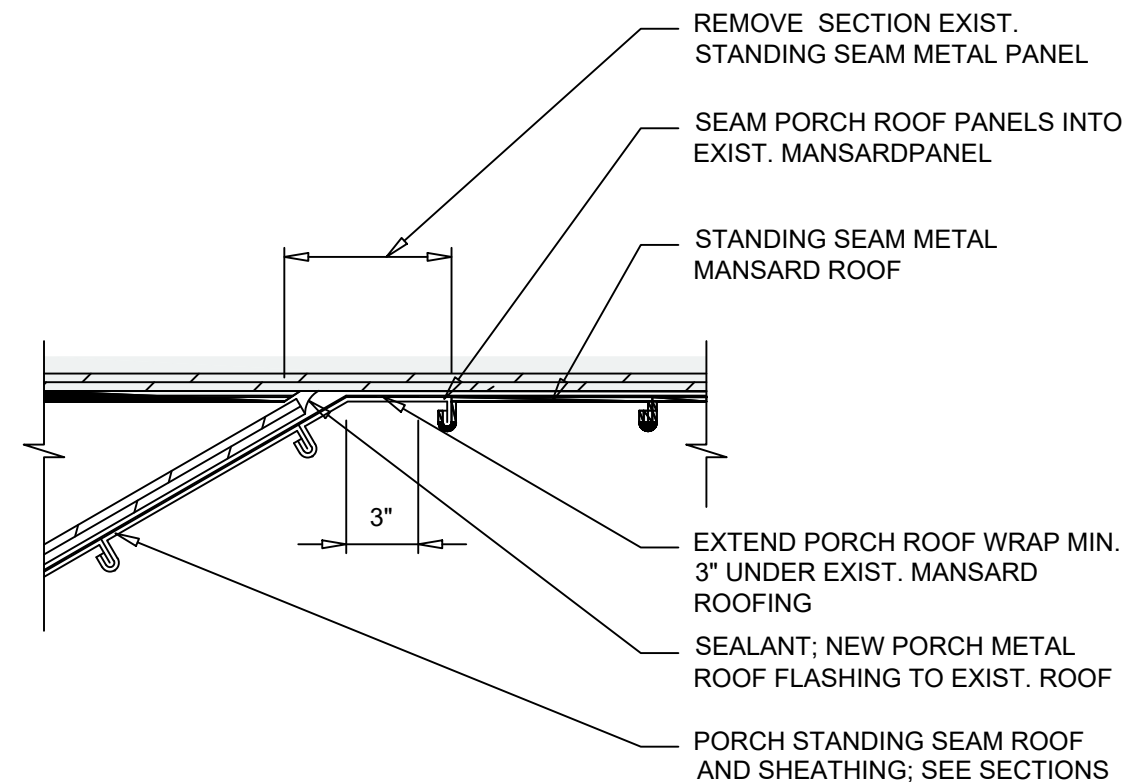
3 ROOF CORNER FRAMING DETAIL  
SCALE: 3/4" = 1'-0"



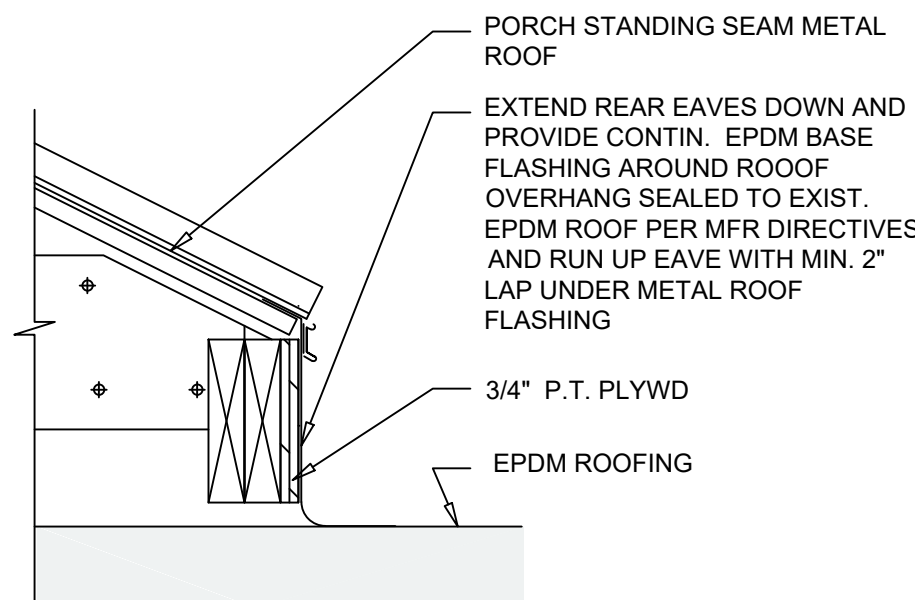
4 PORCH ROOF LONGITUDINAL SECTION  
SCALE: 3/8" = 1'-0"



5 PORCH / PORCH ROOF TRANSVERSE SECTION  
SCALE: 3/8" = 1'-0"



6 ROOF MANSARD VALLEY PLAN SECTION  
SCALE: 1-1/2" = 1'-0"



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

LEGEND:  
MODULAR BUILDING (BY OTHERS) AND CONTRACT 1 FOUNDATION (EXISTING)

NO.	DATE	REVISION	INT.

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DESIGNED BY:	BA	CHECKED BY:	BA/WDW



TOWN OF BLOOMING GROVE	
ORANGE COUNTY	NEW YORK
LASSER PARK SENIOR CENTER	

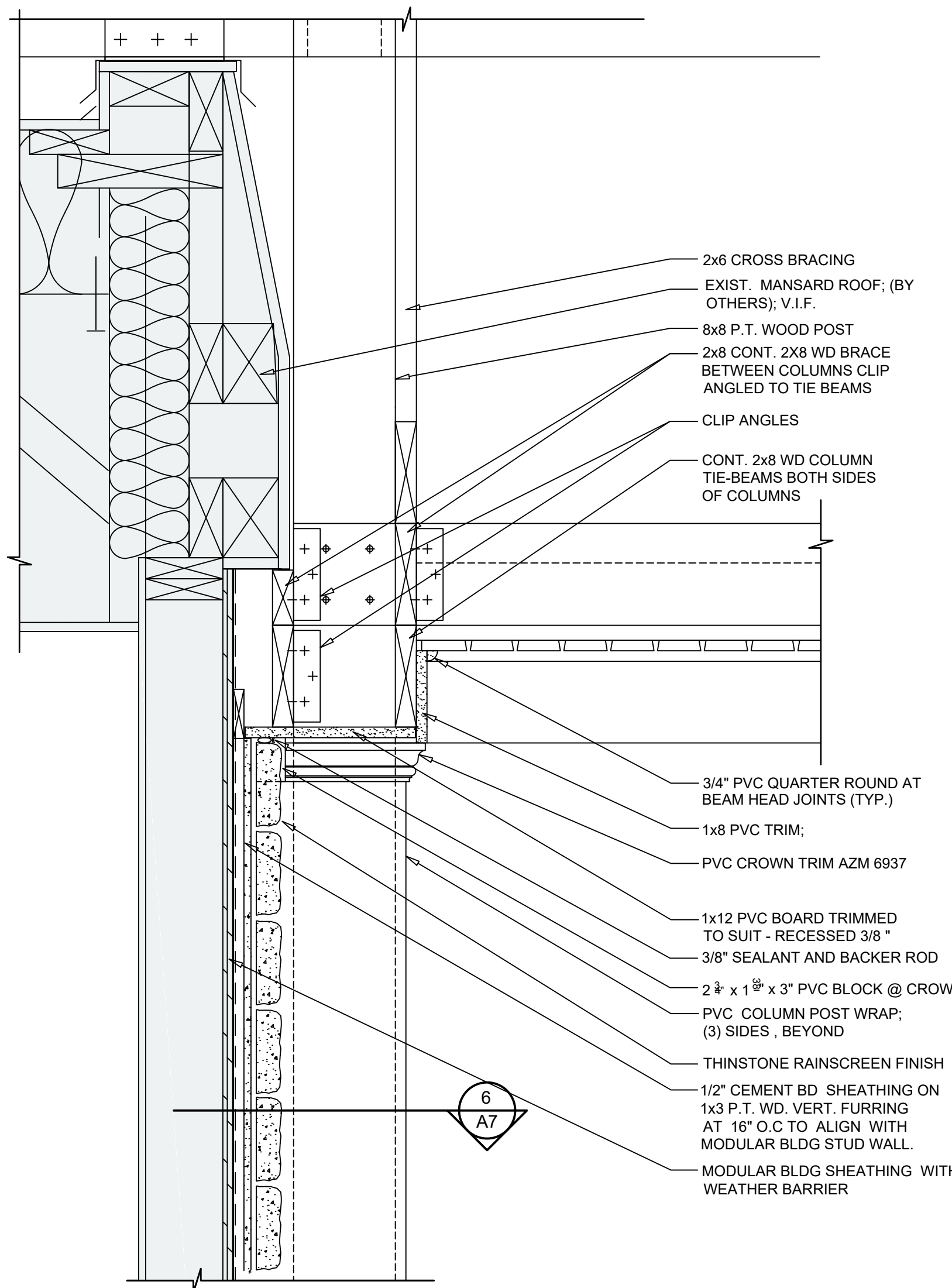
CONTRACT 2
SECTIONS AND DETAILS
ARCHITECTURAL

PROJECT NO. 5708	A6
DATE: AUGUST 2023	
SCALE: AS NOTED	

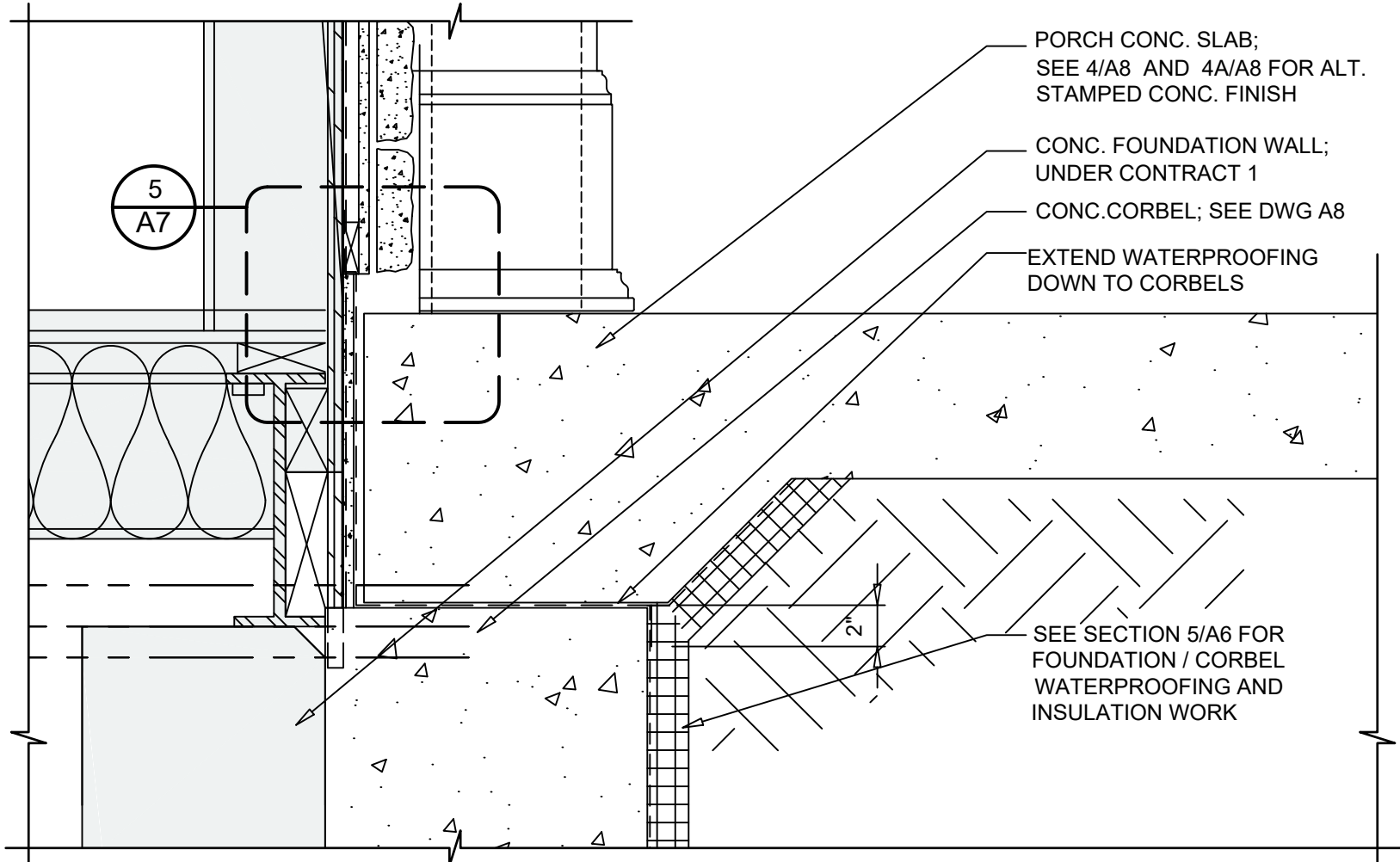
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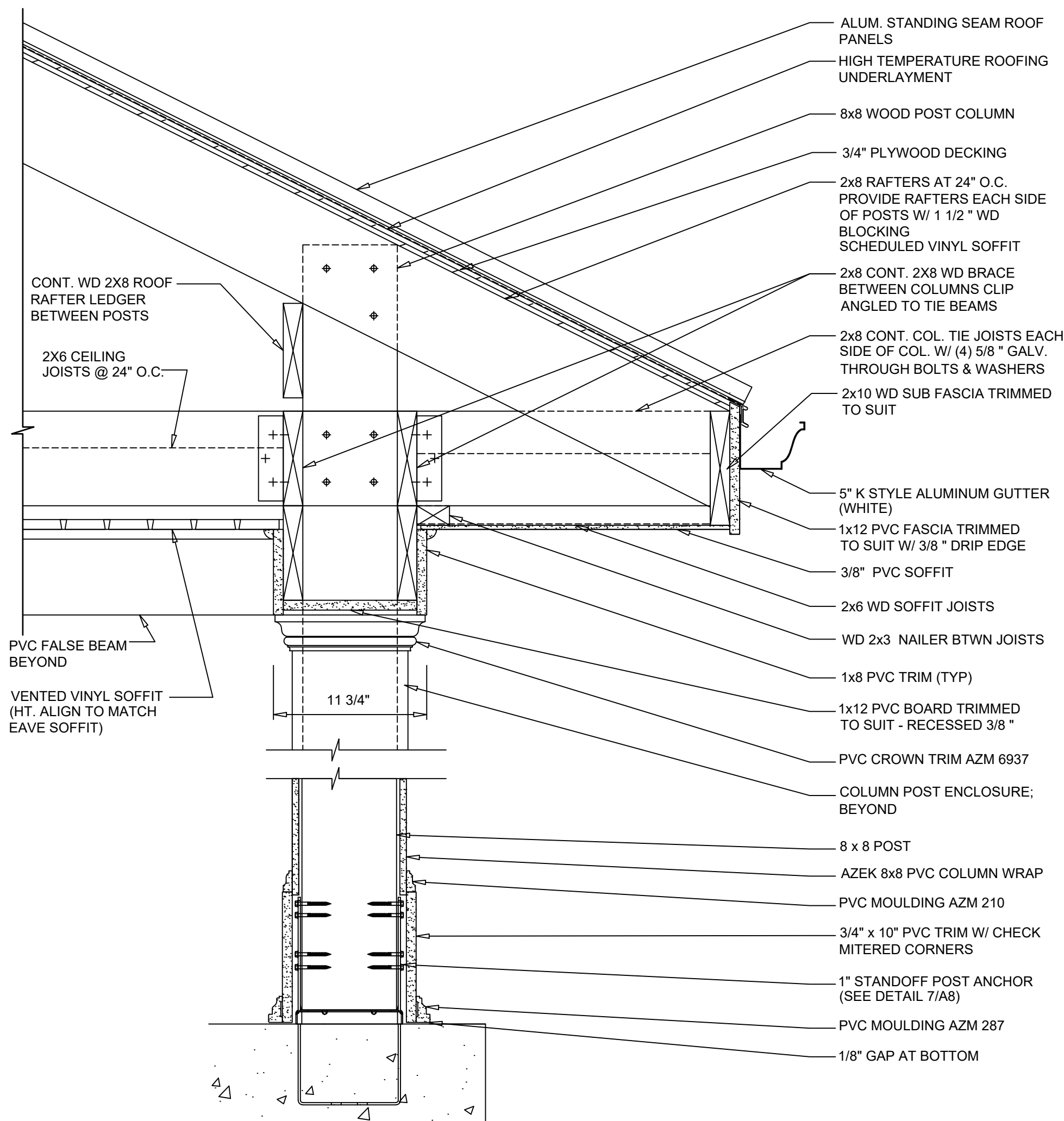
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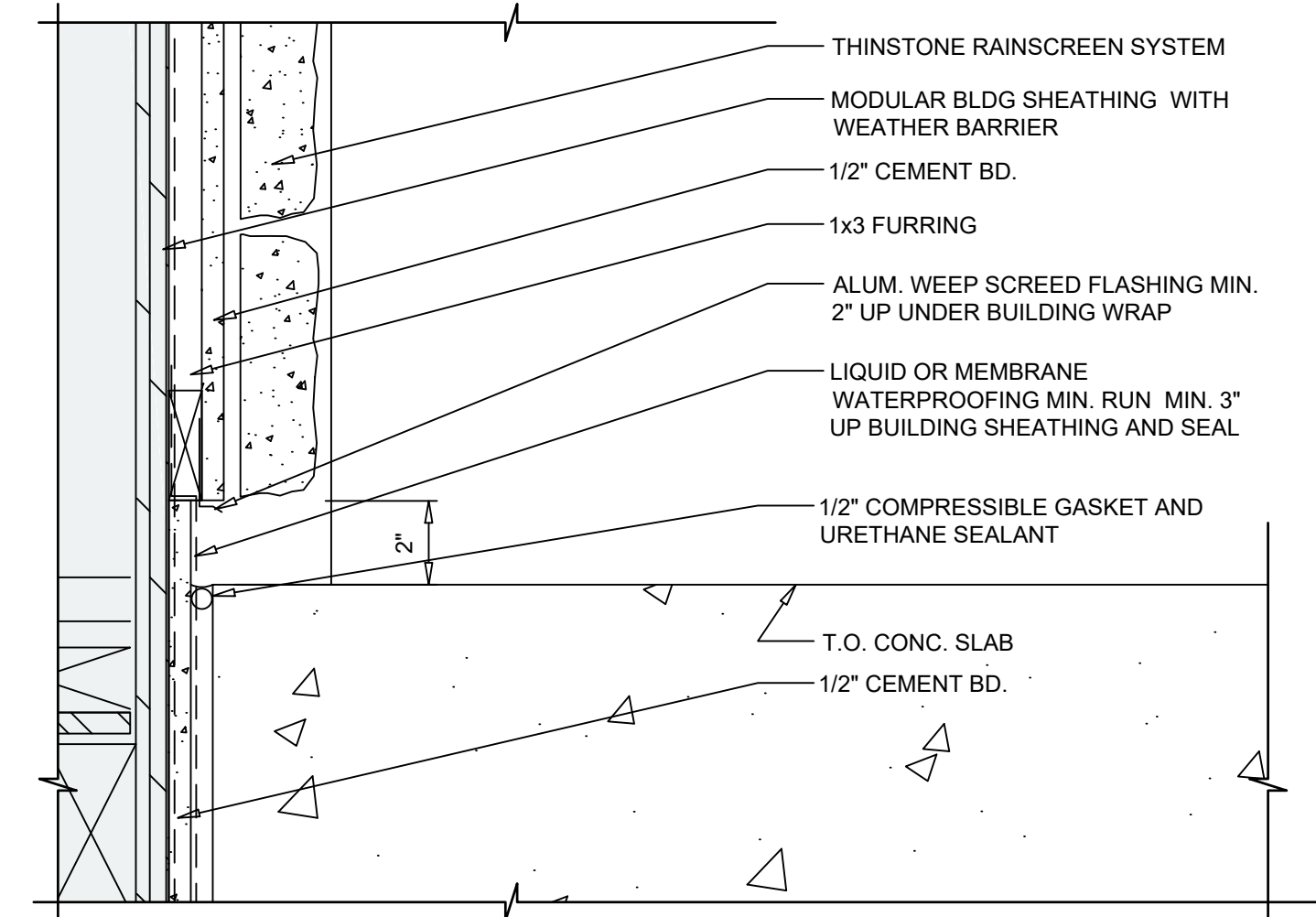
**1 WEST ELEVATION WALL SECTION**  
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REFER TO 2/A7 FOR NOTES AND DIMENSIONS U.O.N.



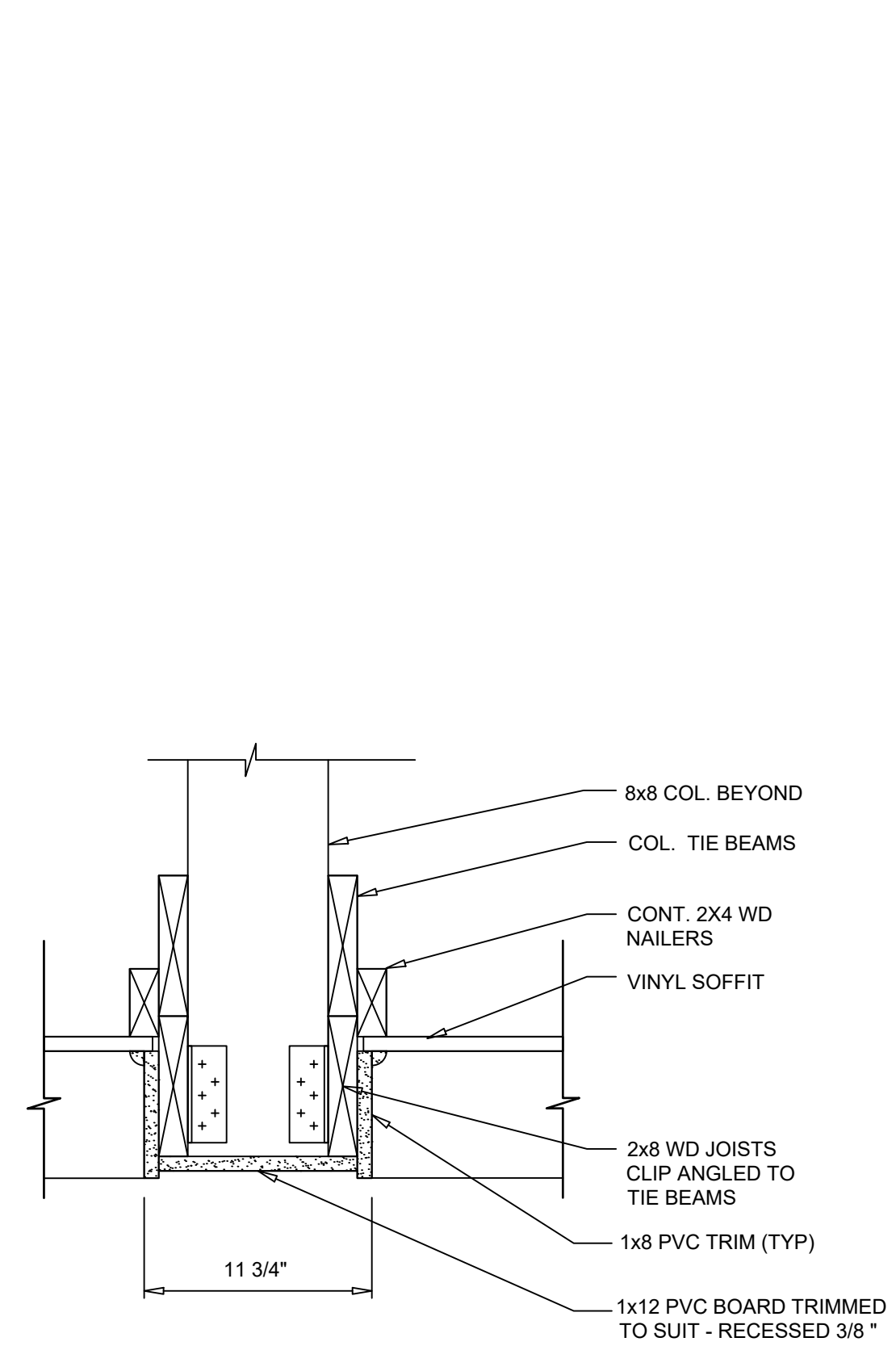
**4 WEST ELEVATION BASE WALL SECTION**  
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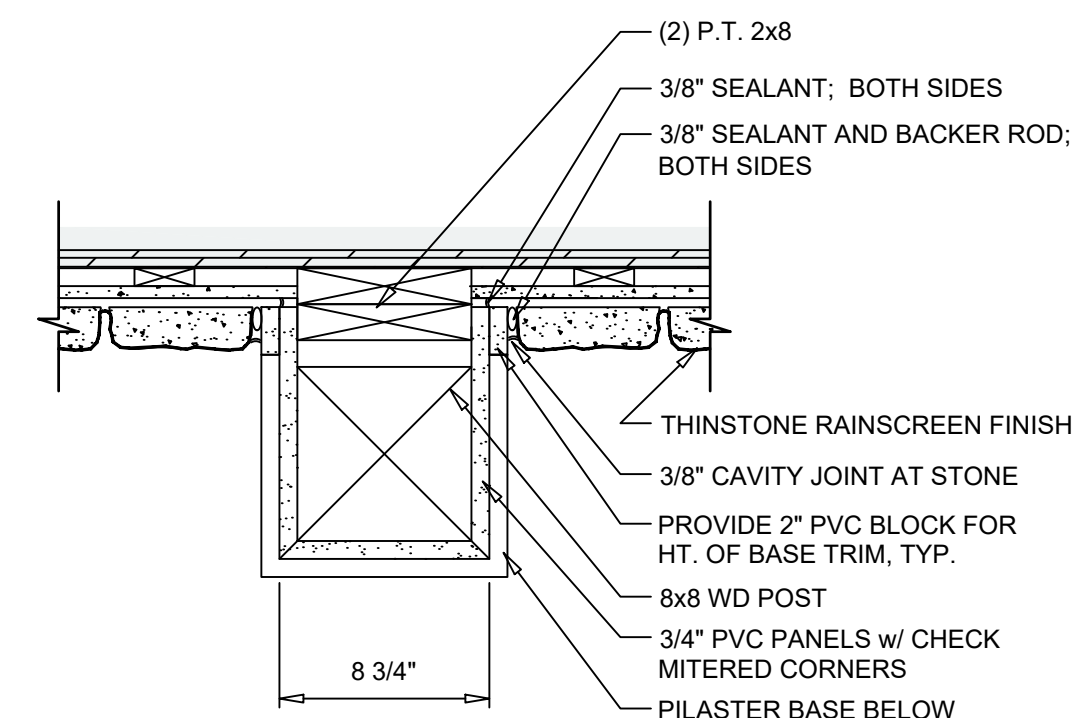
**2 PORCH / ROOF EAVE & BASE SECTION**  
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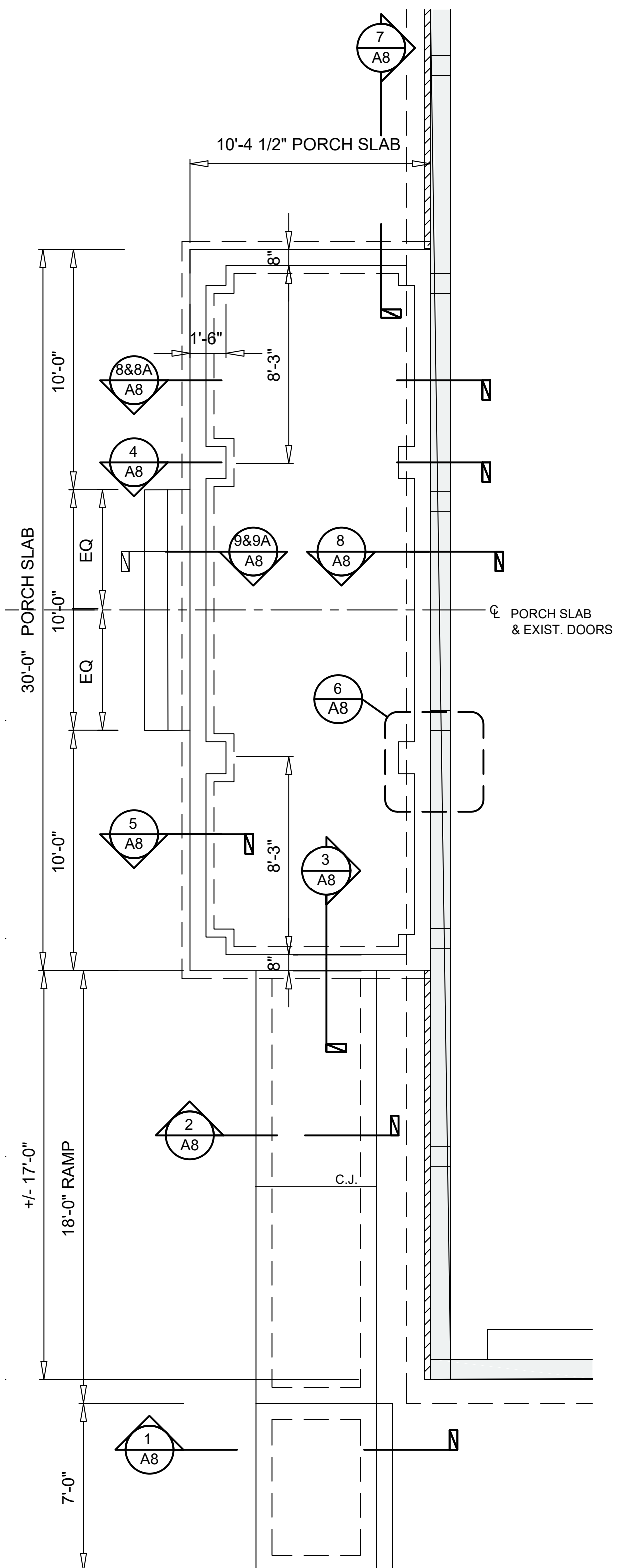
**5 THINSTONE BASE DETAIL**  
SCALE: 1-1/2" = 1'-0"  
REFER TO 1/A7 FOR NOTES AND DIMENSIONS U.O.N.



**3 CEILING FALSE BEAM SECTION**  
SCALE: 1-1/2" = 1'-0"  
REFER TO 2/A7 FOR NOTES AND DIMENSIONS U.O.N.



**6 PORCH PILASTER PLAN DETAIL**  
SCALE: 1-1/2" = 1'-0"  
REFER TO 1/A7 FOR NOTES AND DIMENSIONS U.O.N.



**7 ENLARGED PORCH FOUNDATION PLAN**  
SCALE: 1/4" = 1'-0"

LEGEND:	
	MODULAR BUILDING (BY OTHERS) AND CONTRACT 1 FOUNDATION (EXISTING)

NO.	DATE	REVISION	INT.

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PROJECT ENGINEER:	AE	DRAWN BY:	DB
DESIGNED BY:	BA	CHECKED BY:	BA/WD

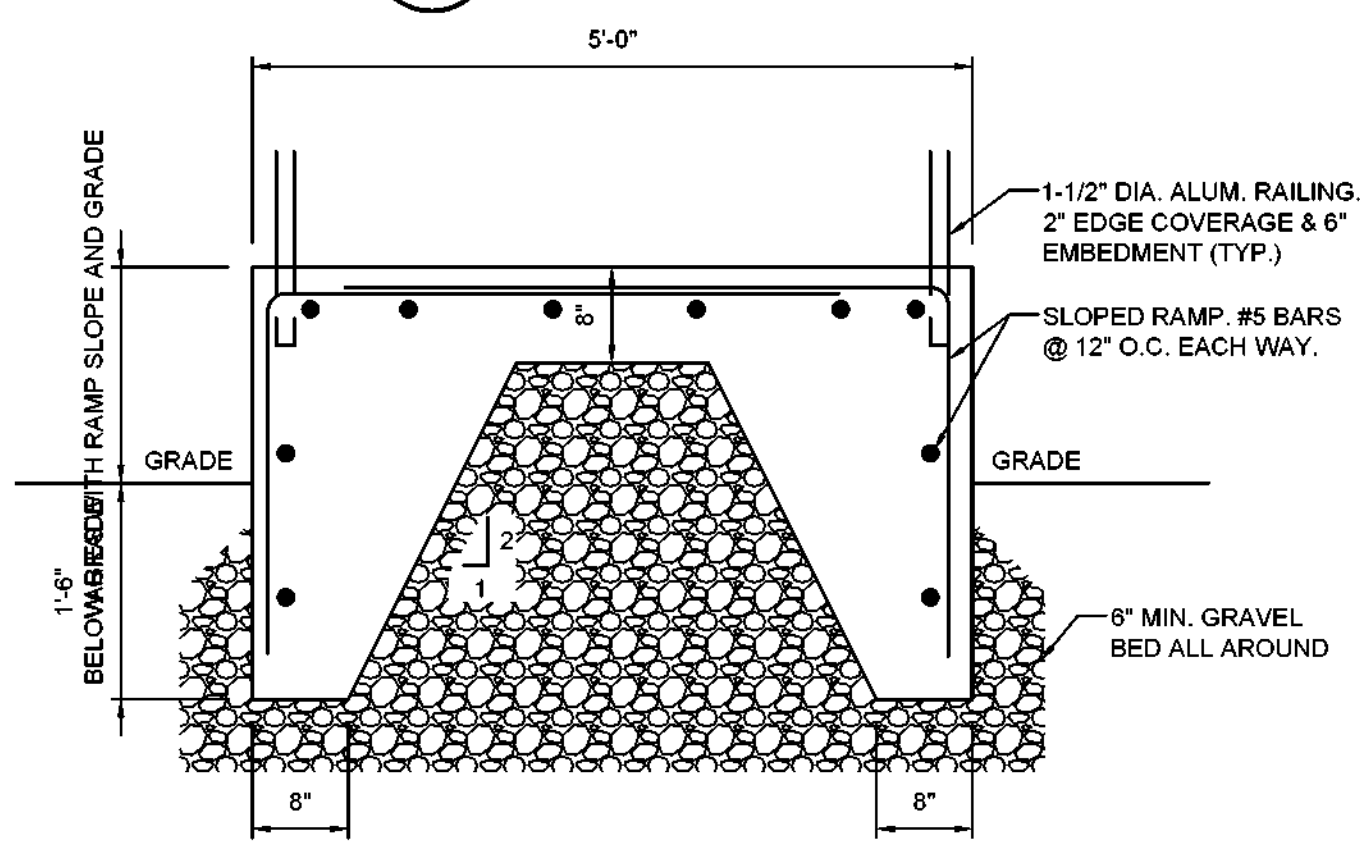
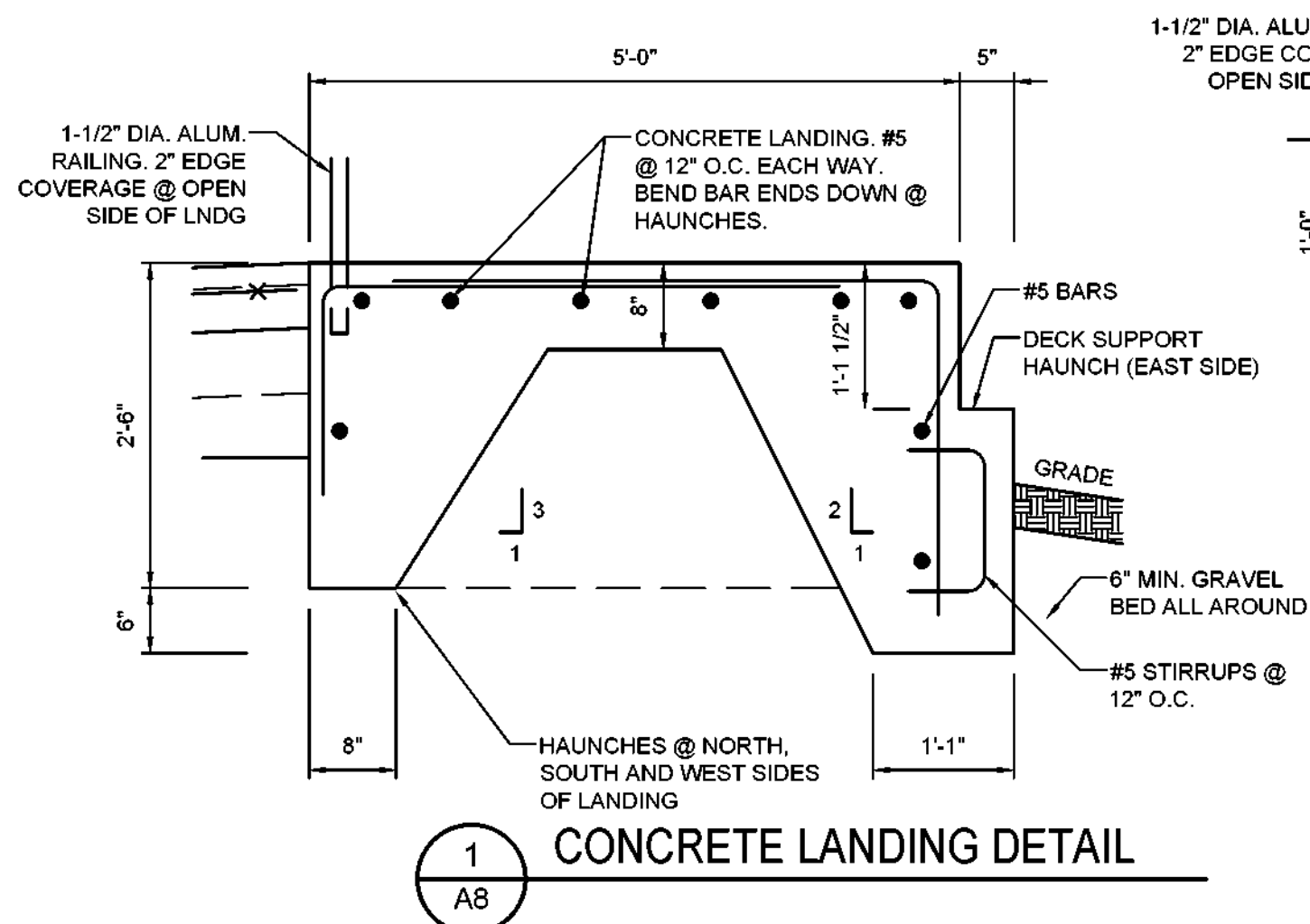


TOWN OF BLOOMING GROVE	
ORANGE COUNTY	NEW YORK
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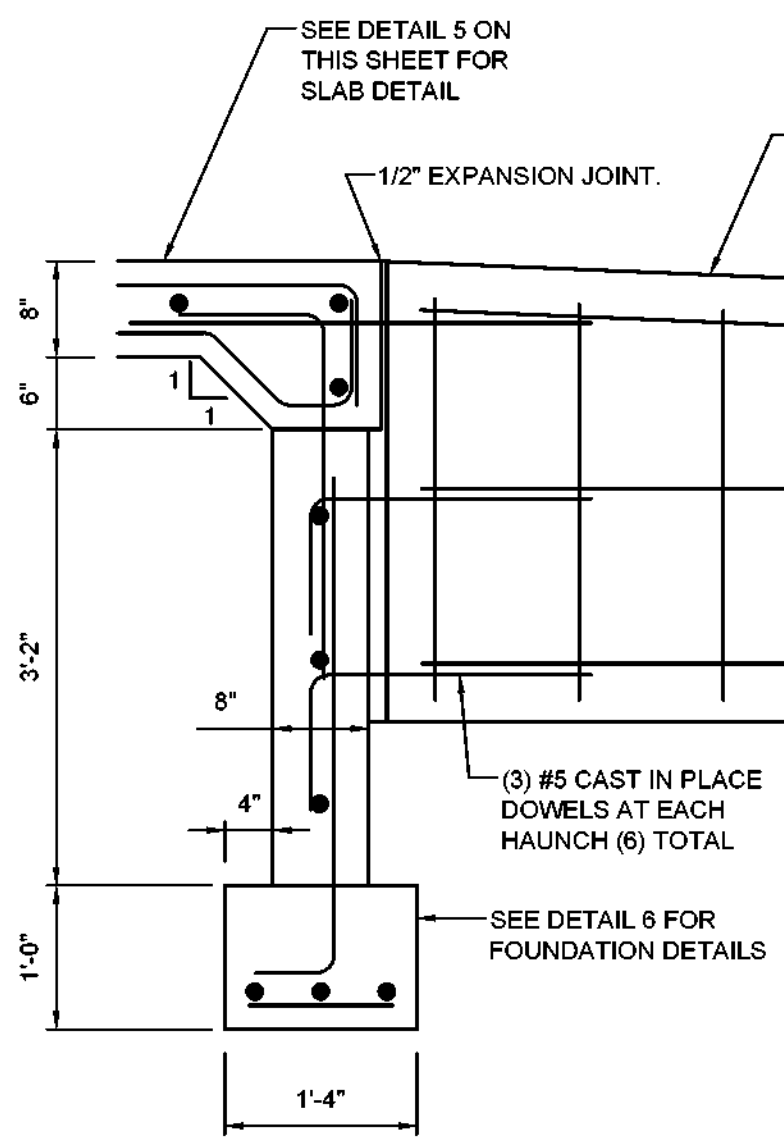
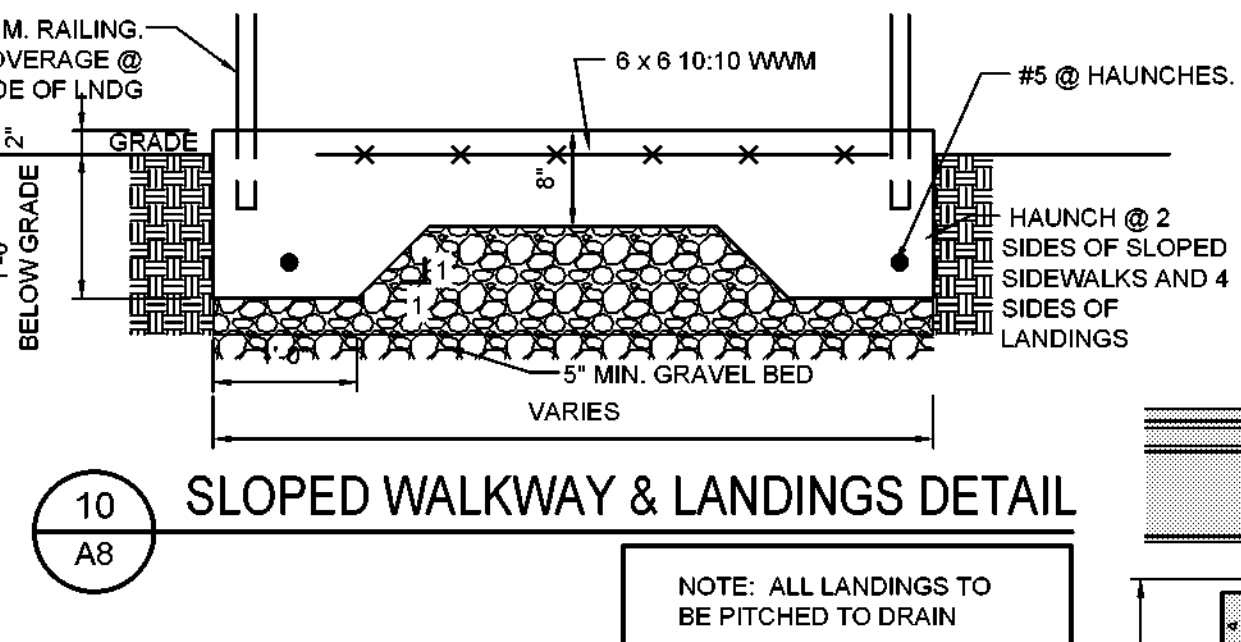
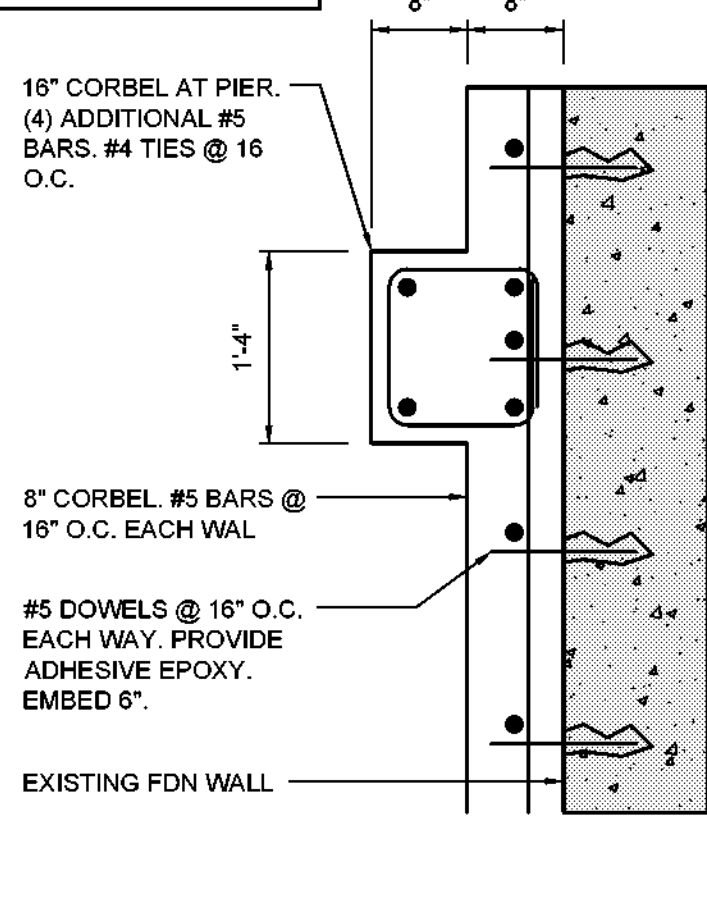
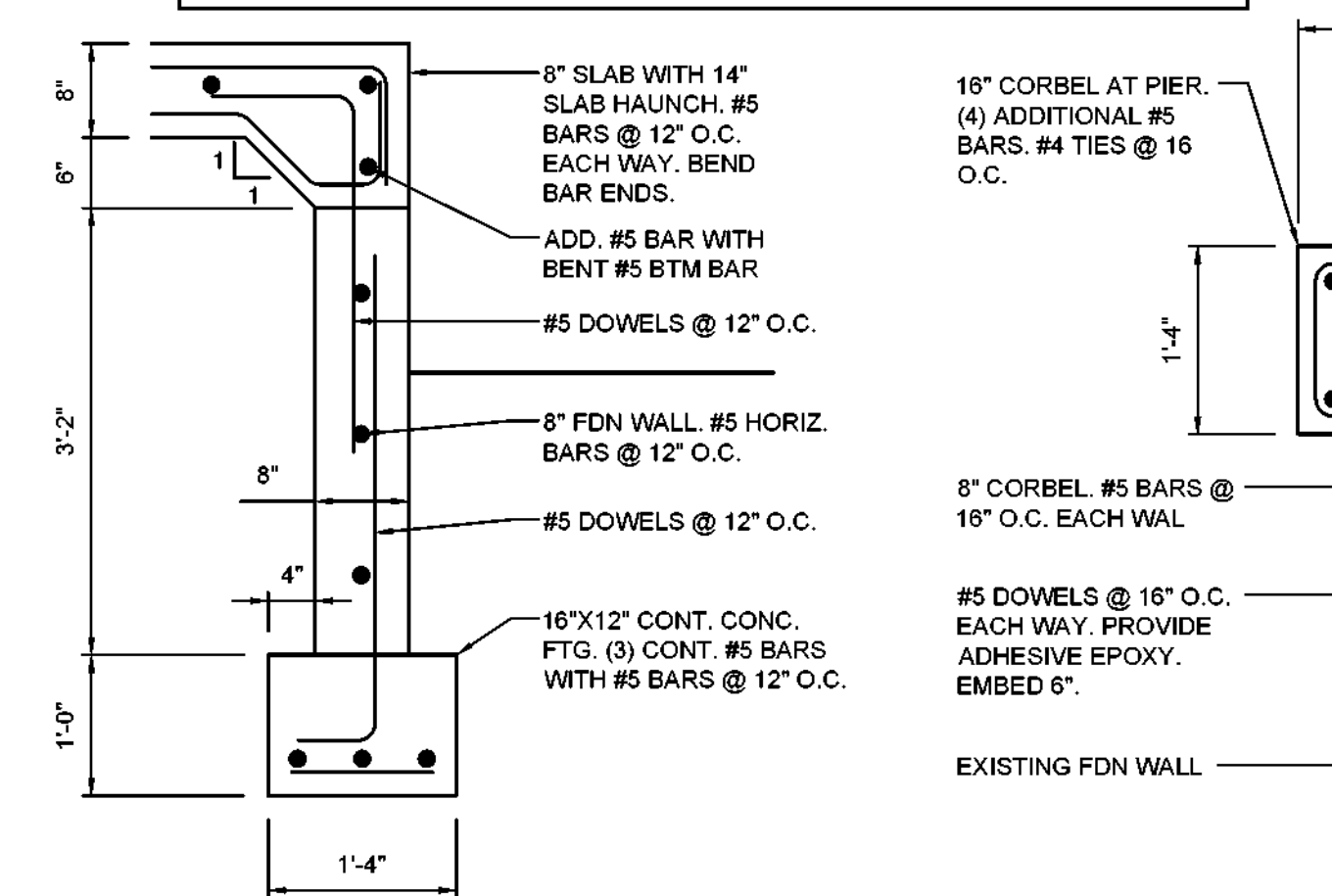
CONTRACT 2
SECTIONS AND DETAILS
ARCHITECTURAL

PROJECT NO. 5708	DRAWING NO. <b>A7</b>
DATE: AUGUST 2023	
SCALE: AS NOTED	



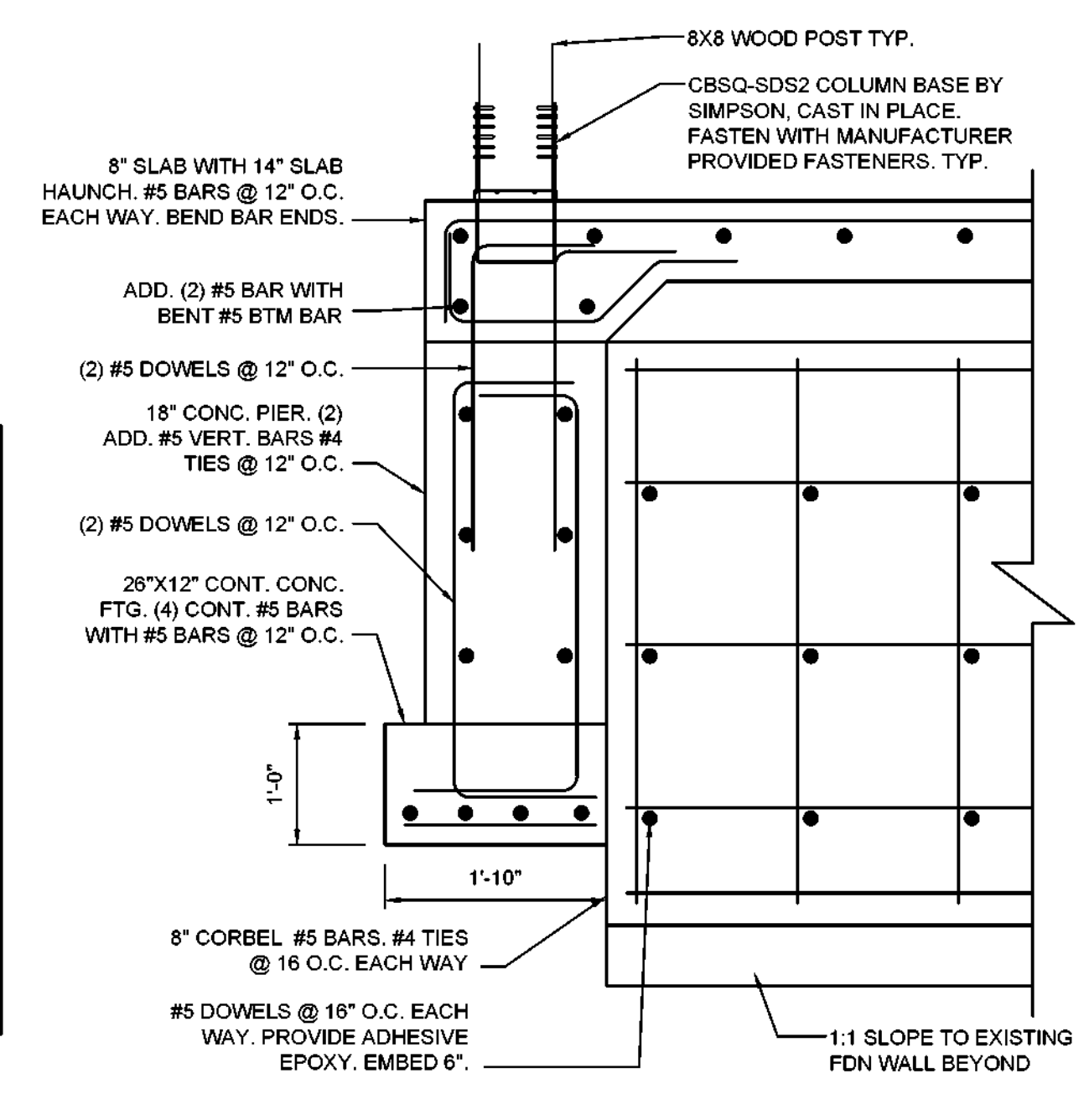


NOTE: IF EXISTING FILL NEEDS TO BE REMOVED AND REPLACED, IT SHOULD BE REPLACED WITH A SUPERVISED CONTROLLED FILL CONSISTING OF A CLEAN INORGANIC MATERIAL, PLACED IN LIFTS NOT TO EXCEED 12 INCHES IN DEPTH, AND BE COMPACTED, UNDER INDEPENDENT SUPERVISION, TO A MINIMUM OF 95% OF THE MODIFIED PROCTOR MAXIMUM DRY DENSITY AT OPTIMUM MOISTURE CONTENT PER ASTM D 1557. SOILS TO BE USED FOR CONTROLLED FILL SHALL HAVE LESS THAN 10% PASSING A #200 SIEVE WITH NO PARTICLE SIZE LARGER THAN 2 INCHES. DESIGN BEARING CAPACITY OF CONTROLLED FILL PLACED AS DESCRIBED ABOVE CAN BE TAKEN AS 2 TONS PER SQUARE FOOT.



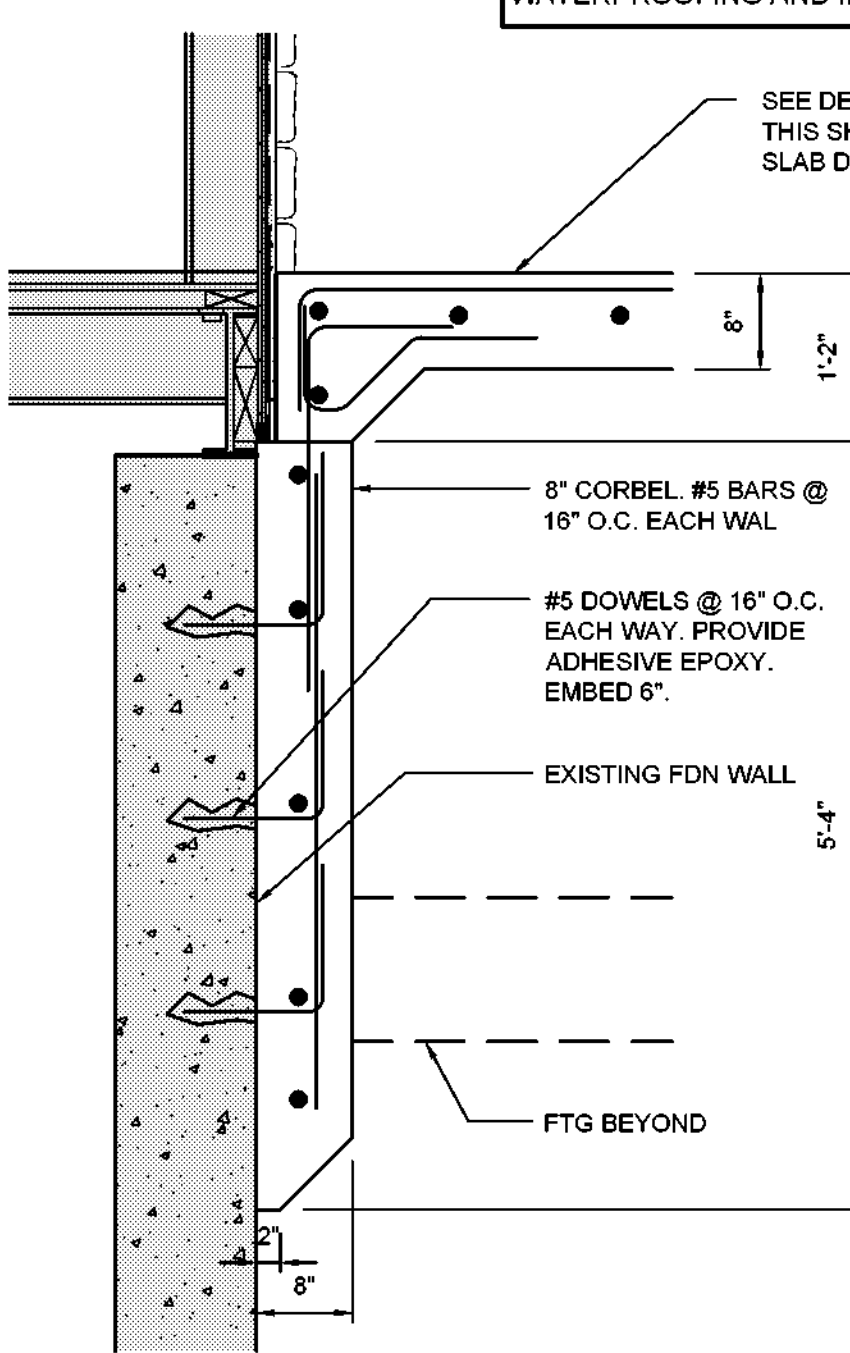
**GENERAL NOTES:**

- ALL DIMENSIONS ARE NOMINAL AND TO BE VERIFIED IN FIELD.
- SEE SHEET A7 FOR ALL WATERPROOFING DETAILS.



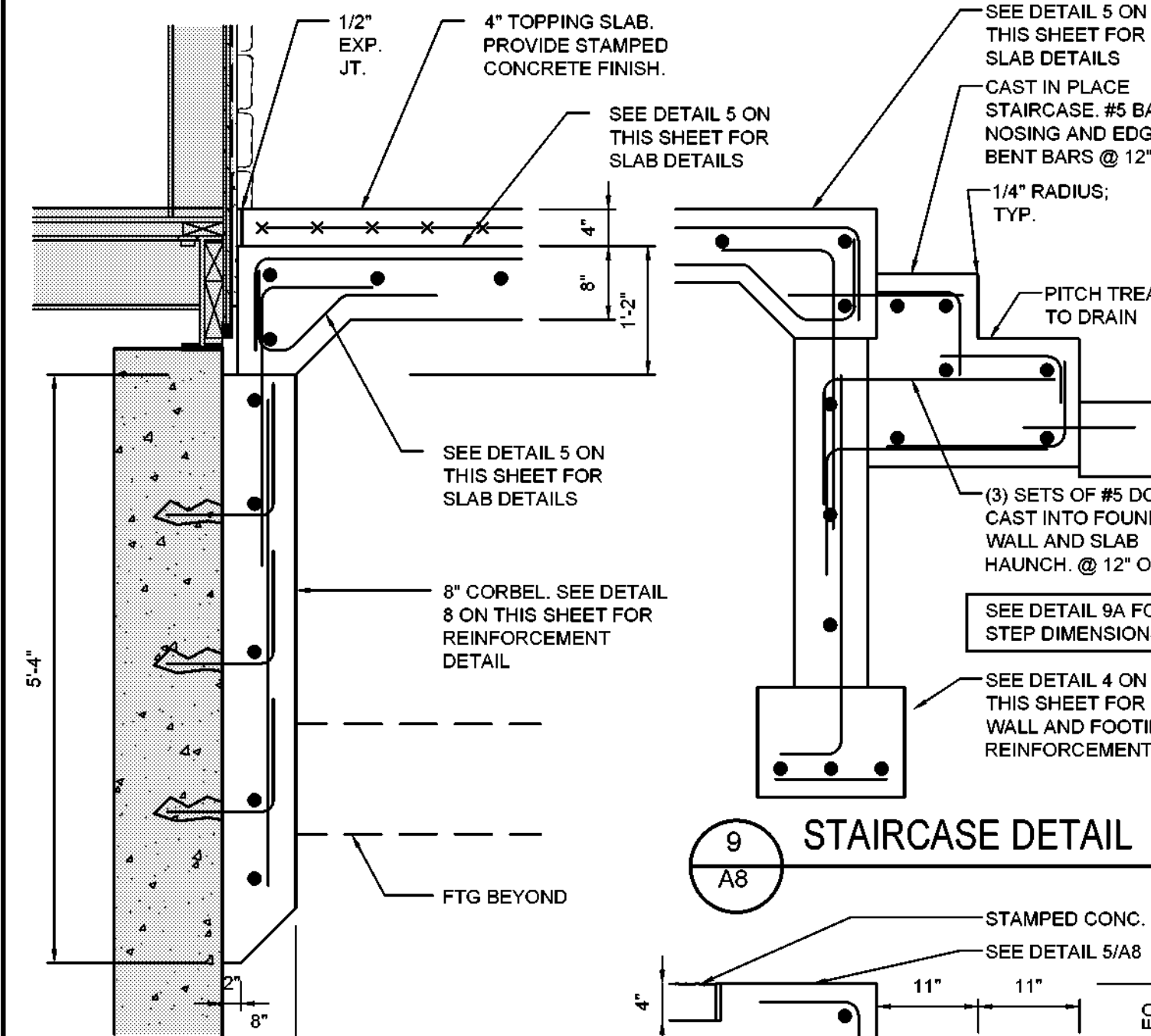
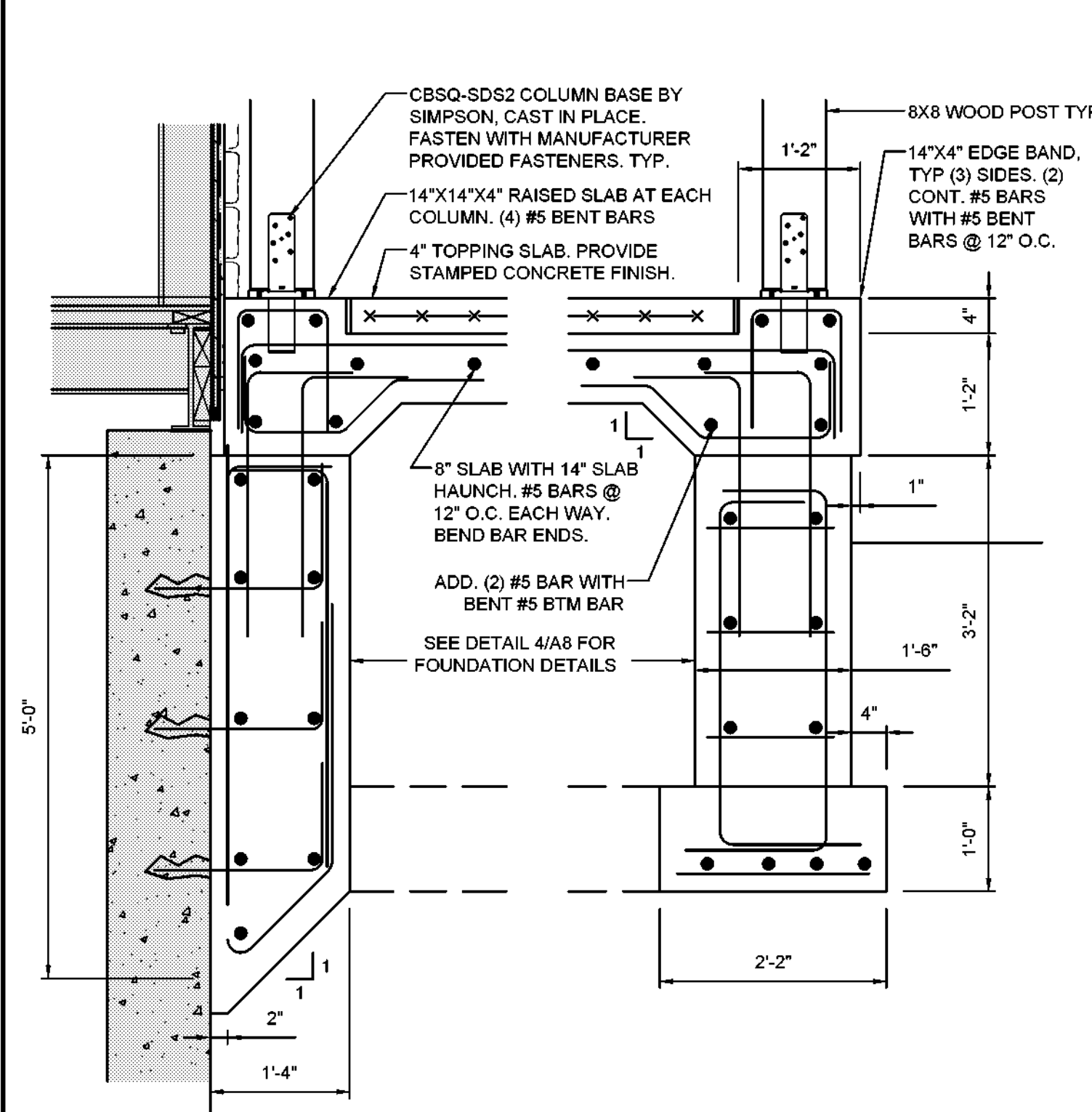
**SECTION DETAIL THROUGH PIERS (4 A8)**

SEE SECTION 5/A6 FOR PORCH FOUNDATION, CORBEL AND PIER WATERPROOFING AND INSULATION SCOPE



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

SEE SECTION 5/A6 FOR PORCH FOUNDATION, CORBEL AND PIER WATERPROOFING AND INSULATION SCOPE



**9A ALTERNATE DETAIL WITH STAMPED CONCRETE**

**9A ALTERNATE DETAIL WITH STAMPED CONCRETE**

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NO.	DATE	REVISION	INT.

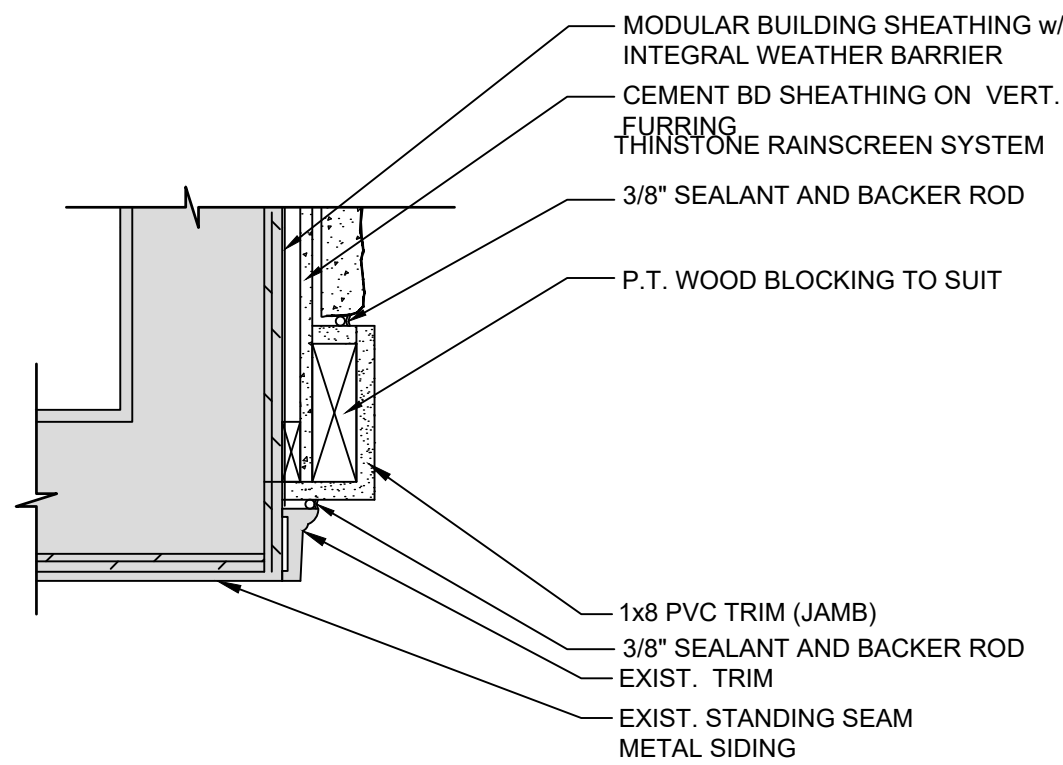
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DESIGNED BY:	BA	CHECKED BY:	BA/WM



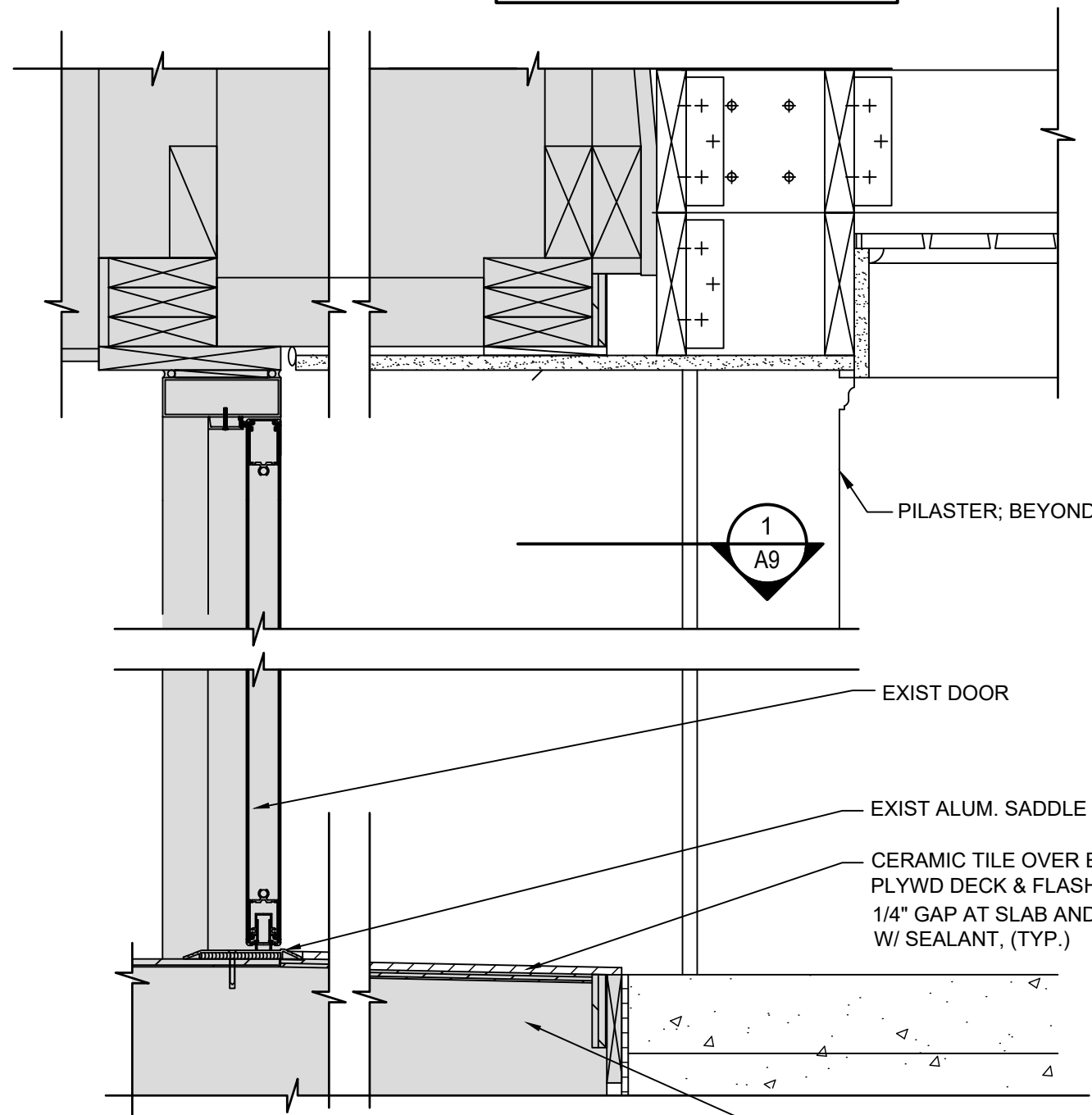
TOWN OF BLOOMING GROVE	ORANGE COUNTY	NEW YORK
LASSER PARK SENIOR CENTER		

CONTRACT 2	PROJECT NO. 5708	DRAWING NO. A8
FOUNDATION DETAILS	DATE: AUGUST 2023	
STRUCTURAL	SCALE: AS NOTED	

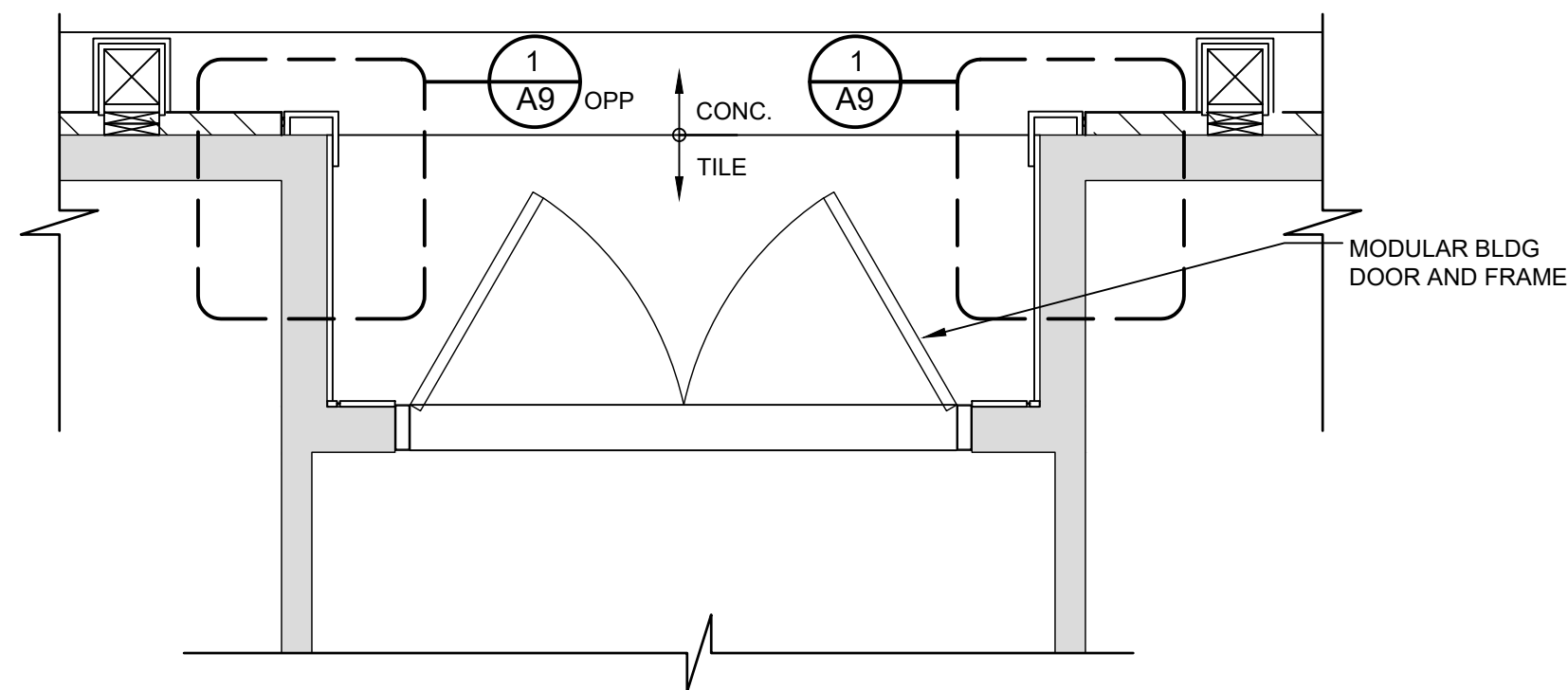




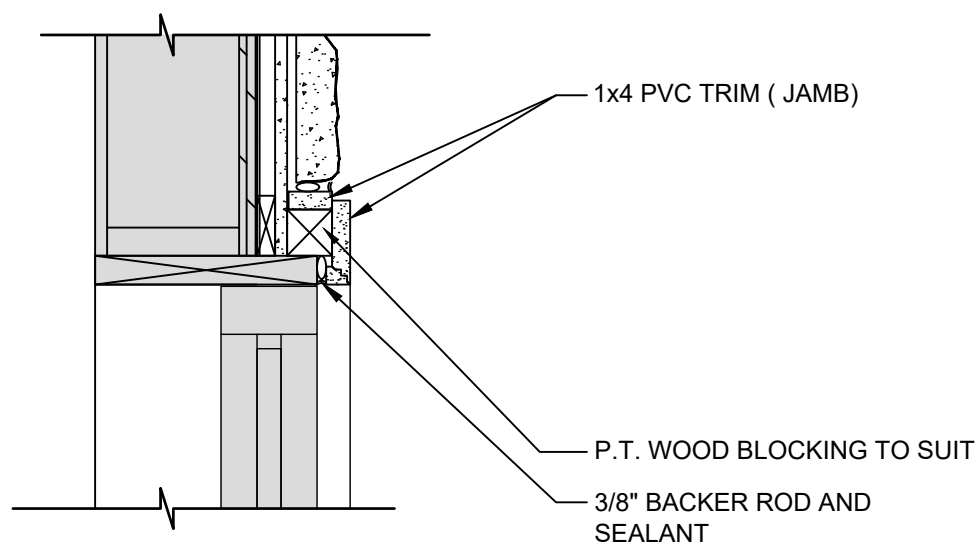
1  
A9  
WEST ELEVATION  
ENTRY VESTIBULE JAMB  
SCALE: 1-1/2" = 1'-0"  
REFER TO 1/A7 FOR NOTES  
AND DIMENSIONS U.O.N.



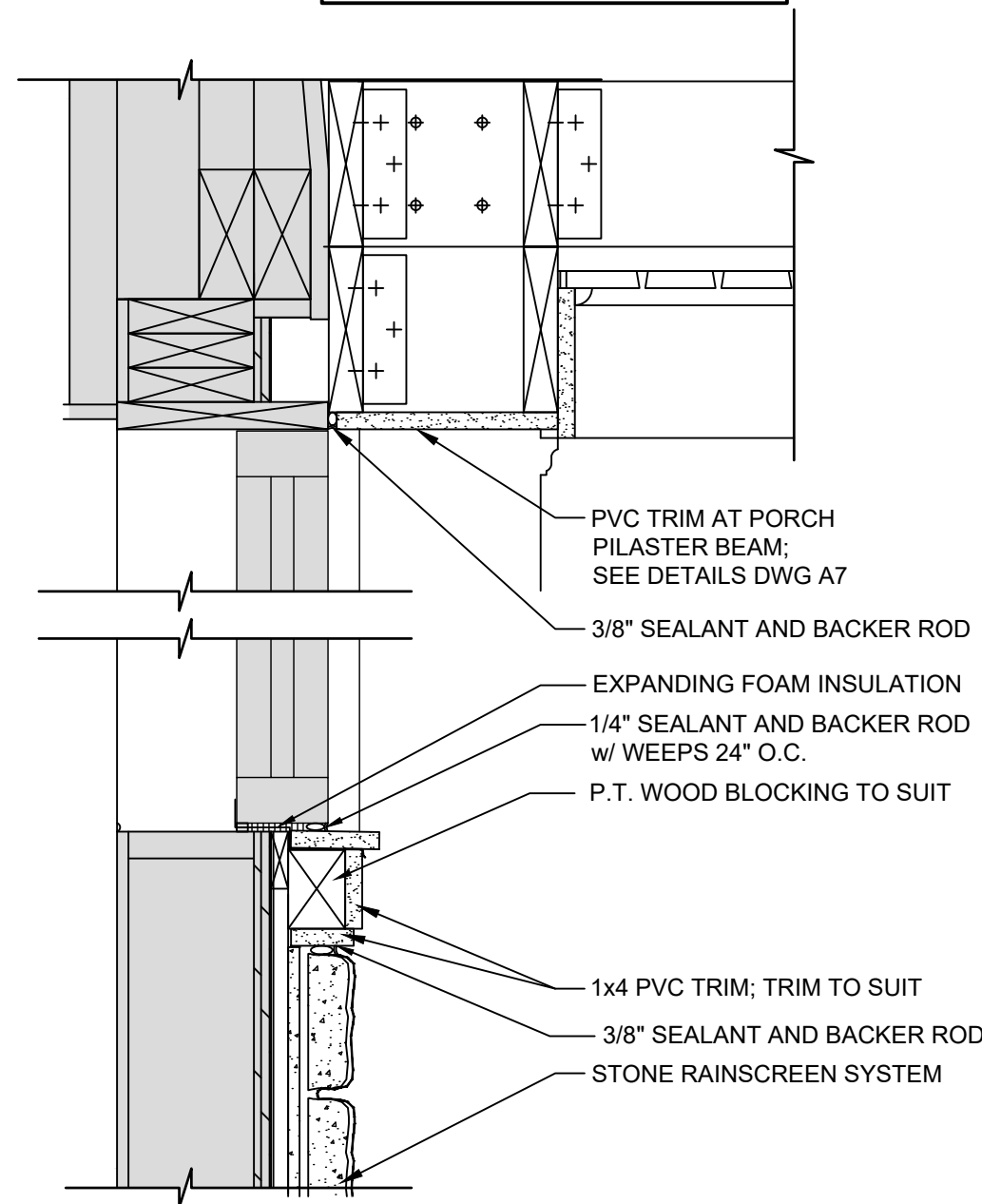
2  
A9  
WEST ELEVATION  
ENTRY VESTIBULE SECTION  
SCALE: 1-1/2" = 1'-0"



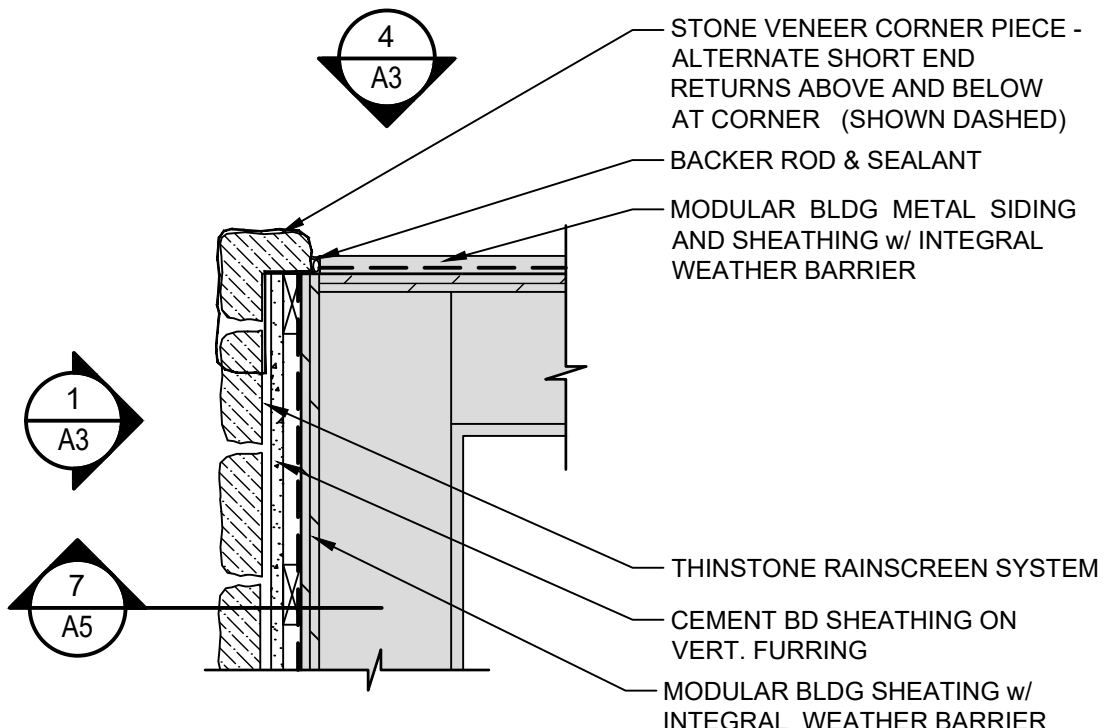
9  
A9  
WEST ELEVATION  
ENTRY VESIBULE PLAN  
SCALE: 1/2" = 1'-0"



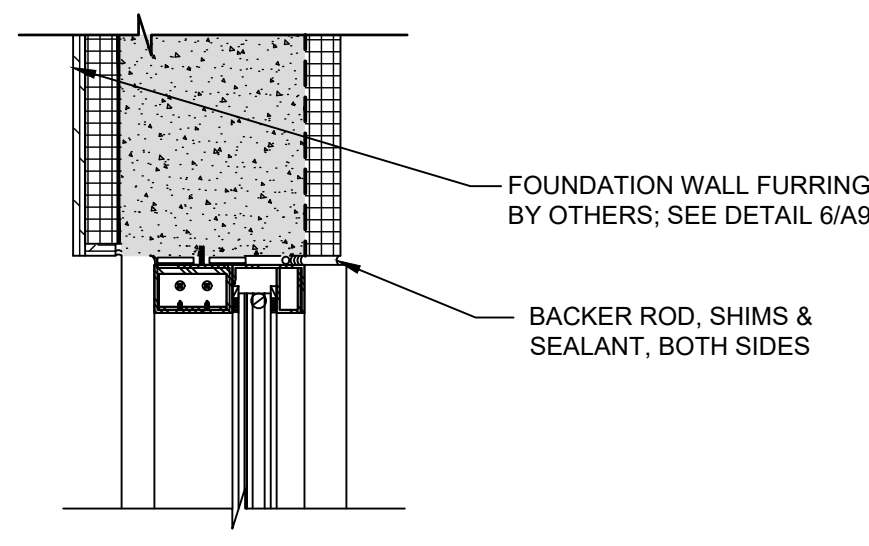
3  
A9  
WEST ELEVATION  
WINDOW JAMB  
SCALE: 1-1/2" = 1'-0"  
REFER TO 1/A9 FOR NOTES  
AND DIMENSIONS U.O.N.



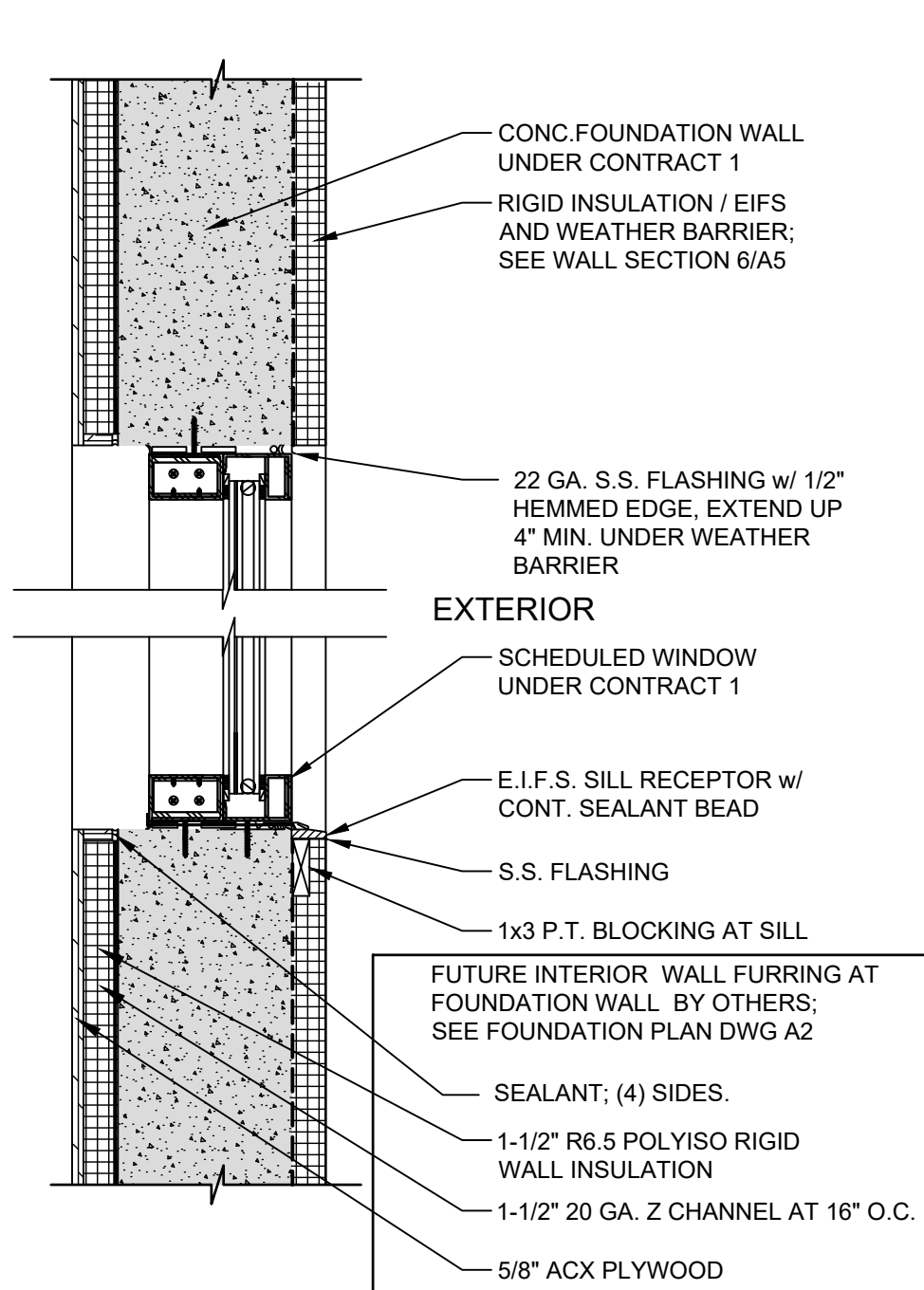
4  
A9  
WEST ELEVATION  
WINDOW HEAD AND SILL  
SCALE: 1-1/2" = 1'-0"



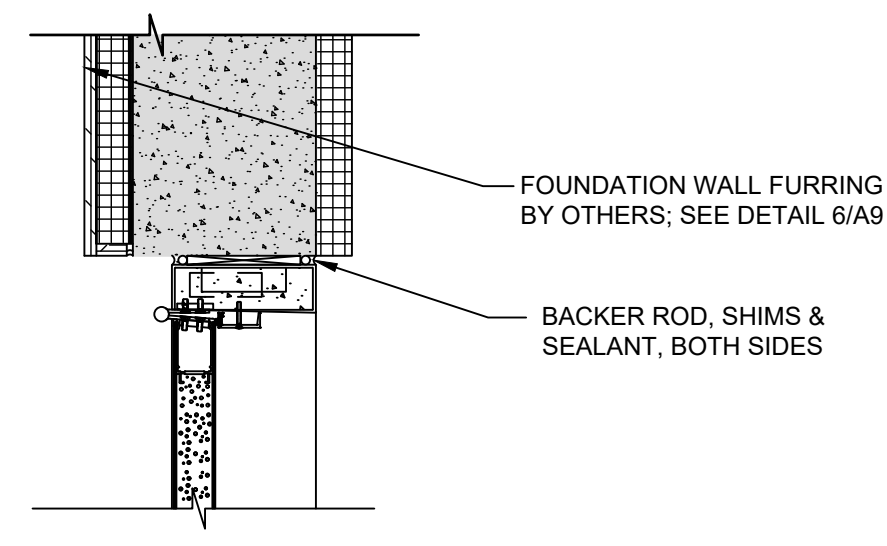
10  
A9  
WEST ELEVATION  
PLAN SECTION  
SCALE: 1-1/2" = 1'-0"  
REFER TO 1/A7 FOR NOTES  
AND DIMENSIONS U.O.N.



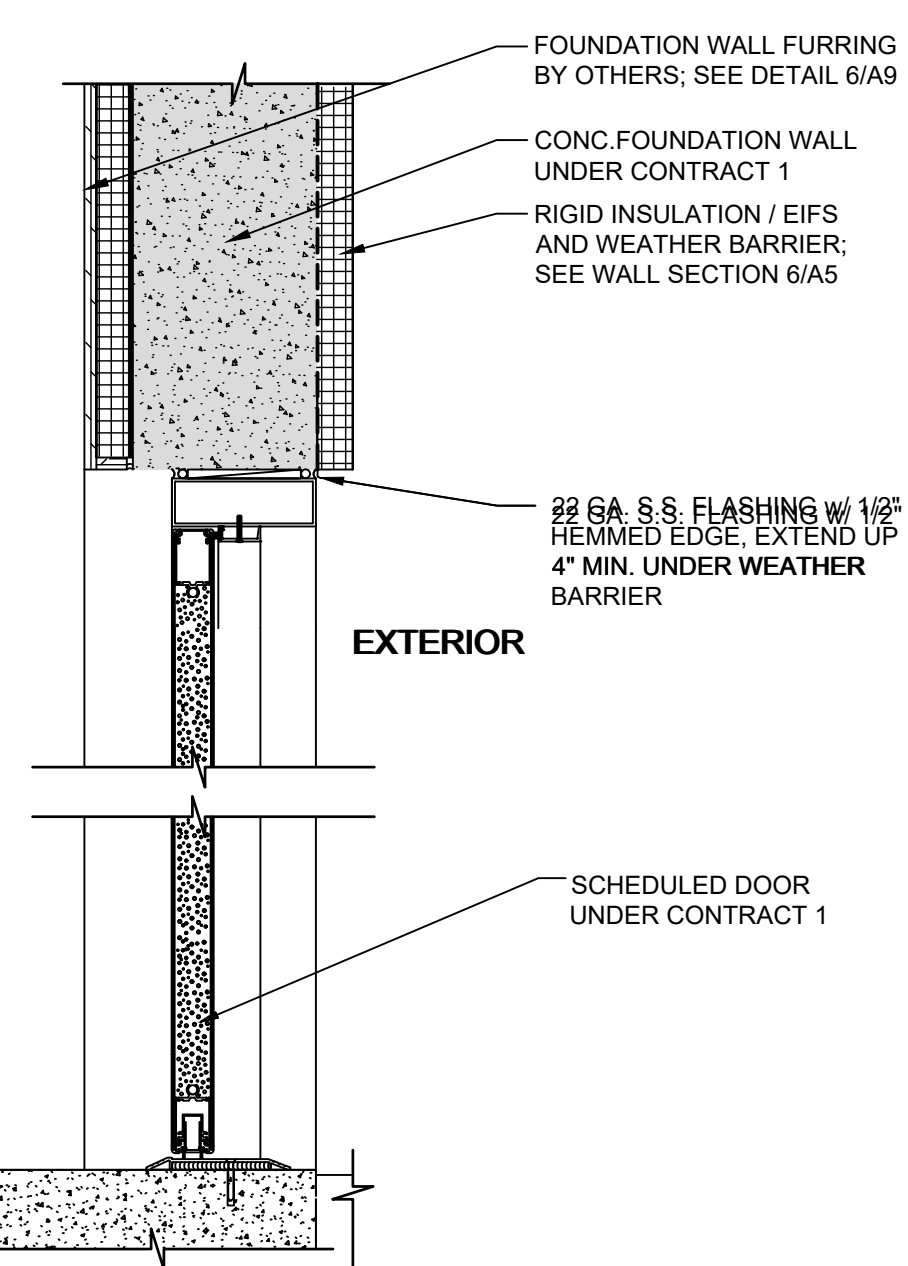
5  
A9  
EAST ELEVATION  
WINDOW JAMB  
SCALE: 1-1/2" = 1'-0"



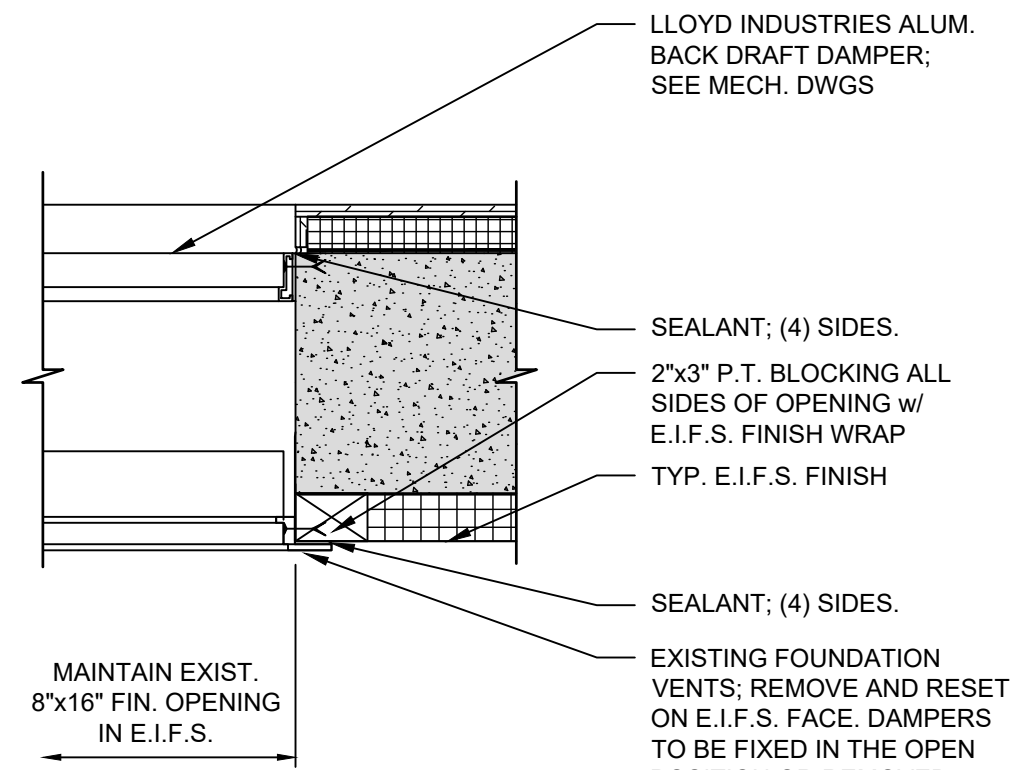
6  
A9  
EAST ELEVATION  
WINDOW HEAD AND SILL  
SCALE: 1-1/2" = 1'-0"



7  
A9  
EAST ELEVATION  
DOOR JAMB (EXTERIOR)  
SCALE: 1-1/2" = 1'-0"



8  
A9  
EAST ELEVATION  
DOOR HEAD AND THRESHOLD  
SCALE: 1-1/2" = 1'-0"



11  
A9  
LOUVER OPENING JAMB  
SCALE: 1-1/2" = 1'-0"

LEGEND:  
MODULAR BUILDING (BY OTHERS) AND  
CONTRACT 1 FOUNDATION (EXISTING)

NO.	DATE	REVISION	INT.



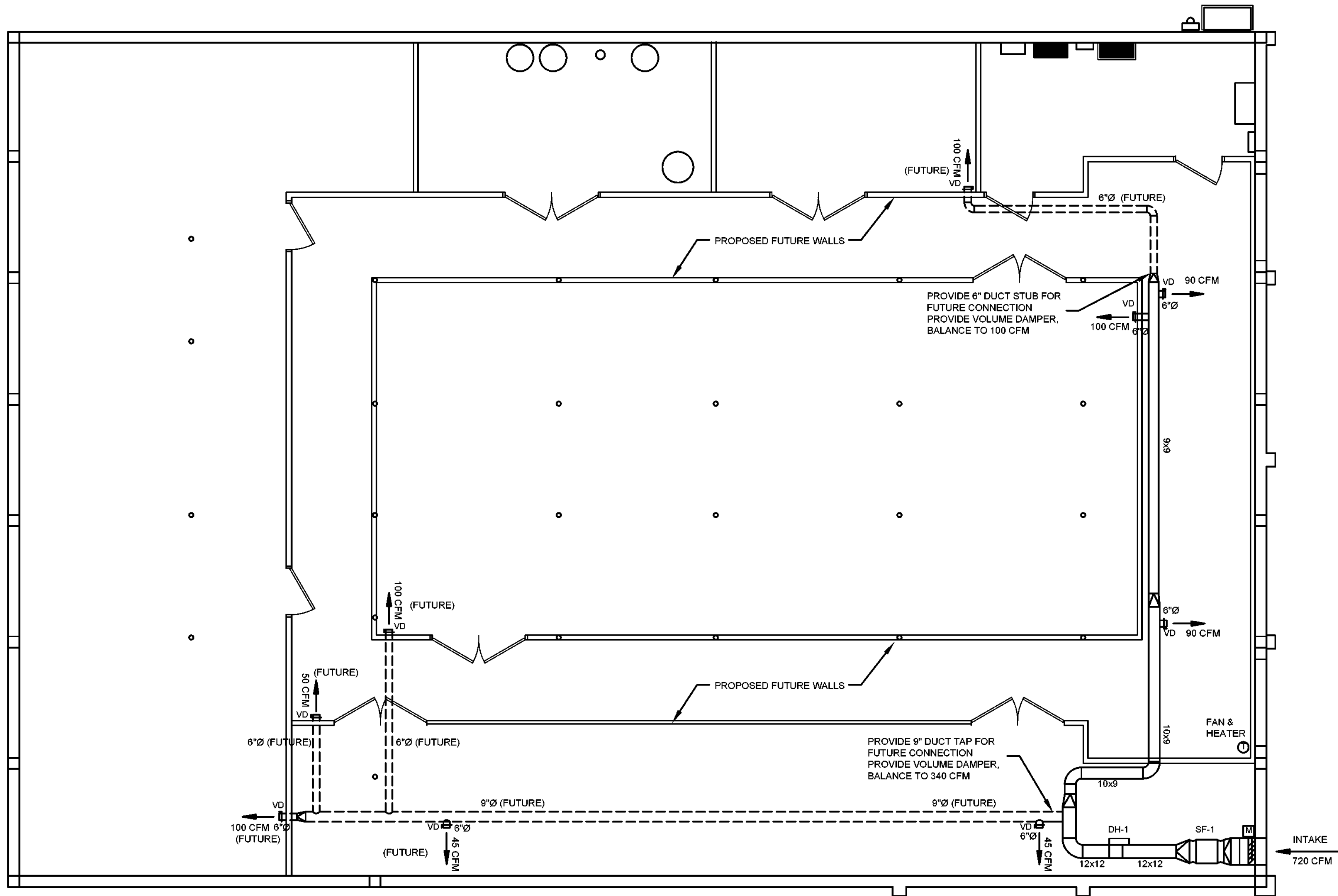
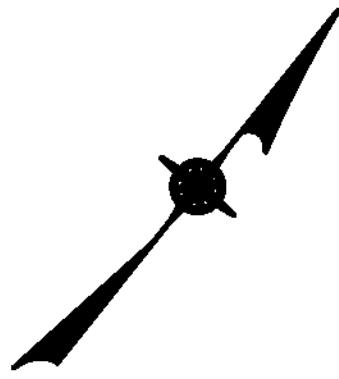
UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF SECTION 7209 OF THE NEW YORK STATE EDUCATION LAW.			
PROJECT ENGINEER:	AE	DRAWN BY:	MMD
DESIGNED BY:	MMD	CHECKED BY:	BLACKBURN



TOWN OF BLOOMING GROVE	
ORANGE COUNTY	NEW YORK
LASSER PARK SENIOR CENTER	

CONTRACT 2	
SECTIONS AND DETAILS	
ARCHITECTURAL	

PROJECT NO. 5708	DRAWING NO. <b>A9</b>
DATE: AUGUST 2023	
SCALE: AS NOTED	



MECHANICAL - NEW WORK GENERAL NOTES

- DUCTWORK SHALL BE CONSTRUCTED AND INSTALLED IN ACCORDANCE WITH SMACNA STANDARDS.
- PROVIDE PROPER ACCESS TO MATERIALS AND EQUIPMENT THAT REQUIRE INSPECTION, REPLACEMENT, REPAIR OR SERVICE SUCH AS COILS, DAMPERS, HEATERS, VALVES, ETC.
- MAINTAIN MAXIMUM HEADROOM AT ALL TIMES. ALL PIPING TO BE INSTALLED AS HIGH AS POSSIBLE. ALL DUCTWORK SHALL BE INSTALLED AS CLOSE AS POSSIBLE TO WALL AND UNDERSIDE OF MATELINE BEAMS.
- CONTRACTOR IS RESPONSIBLE FOR ALL WORK RELATED TO ISOLATING, SHUTTING DOWN, DRAINING, FILLING AND RESTARTING SYSTEMS, INCLUDING THOSE REQUIRED FOR RELOCATIONS, TO ALLOW FOR COMPLETION OF ALL WORK.
- CONTRACTOR SHALL FURNISH ALL REQUIRED FLUIDS FOR FILLING NEW SYSTEMS OR REFILLING EXISTING SYSTEMS. CONTROLS AND WIRING FOR ALL HVAC EQUIPMENT SHALL BE BY CONTRACTOR.

MECHANICAL COMMISSIONING:

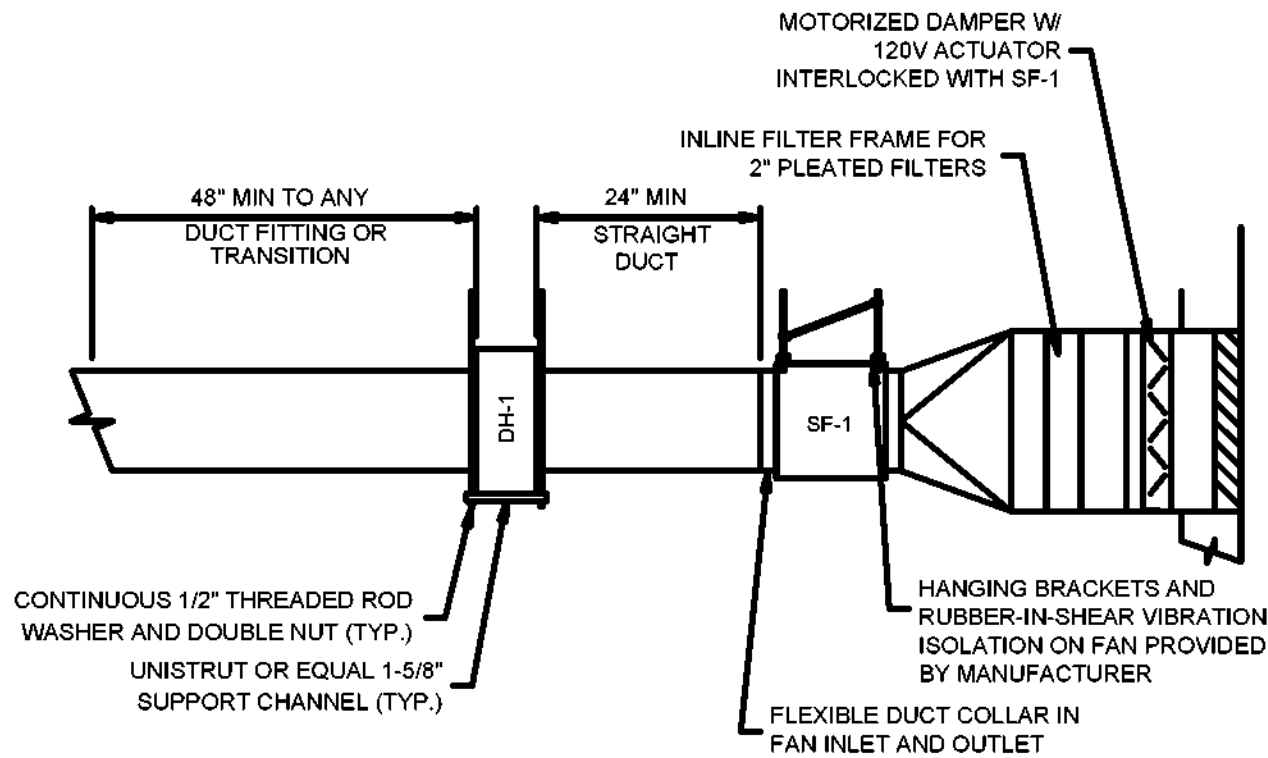
- CONTRACTOR SHALL COMMISSION AND STARTUP 1.5 TON AND 3-TON UNITS WITH ELECTRICAL HEATING UNITS ON THE ENDS OF EACH TRAILER MODULE SECTIONS A-G. SEE REFERENCE DRAWINGS. EACH UNIT SHALL BE TESTING, STARTED UP AND CHECKED COMPLETE FOR PROPER OPERATION. PRIOR TO FINAL COMPLETION CONTRACTOR SHALL FURNISH AND INSTALL NEW FILTERS THROUGHOUT.

SUPPLY FAN SCHEDULE

MARK	MFG.	MODEL #	AREA SERVED.	CFM	ESP	HP	BHP	RPM	FAN MOTOR TYPE	DRIVE	ELECTRICAL	DIMENSIONS WxH	L	REMARKS
SF-1	GREENHECK	SQ-120	CELLAR STORAGE	720	0.66	1/6	0.15	1140	INLINE CENT.	DIRECT	115/1/60	19"	21"	INTERLOCK WITH DH-1 THERMOSTAT PROVIDE 2" FILTER FRAME ON INLET MERV 8 2" PLEATED DISPOSABLE FILTERS

DUCT HEATER SCHEDULE

MARK	MFG.	CATALOG #	AREA SERVED.	KW	STAGES	ELECTRICAL	DIMENSIONS DUCT	COIL	REMARKS
DH-1	INDEECO	QUA	CELLAR STORAGE	12	1	208/3/60 35 AMP	12" W 12" H	11.5" W 11.5" H	INTERLOCK WITH SF-1 BASIC CONTROLS (CODE G) W/ TRANSFORMER DELETE STANDARD BUILT-IN AIRFLOW SWITCH THERMOSTAT HONEYWELL T812C OR EQUAL SUPPLY EXTERNAL 24VAC CONTROL TRANSFORMER

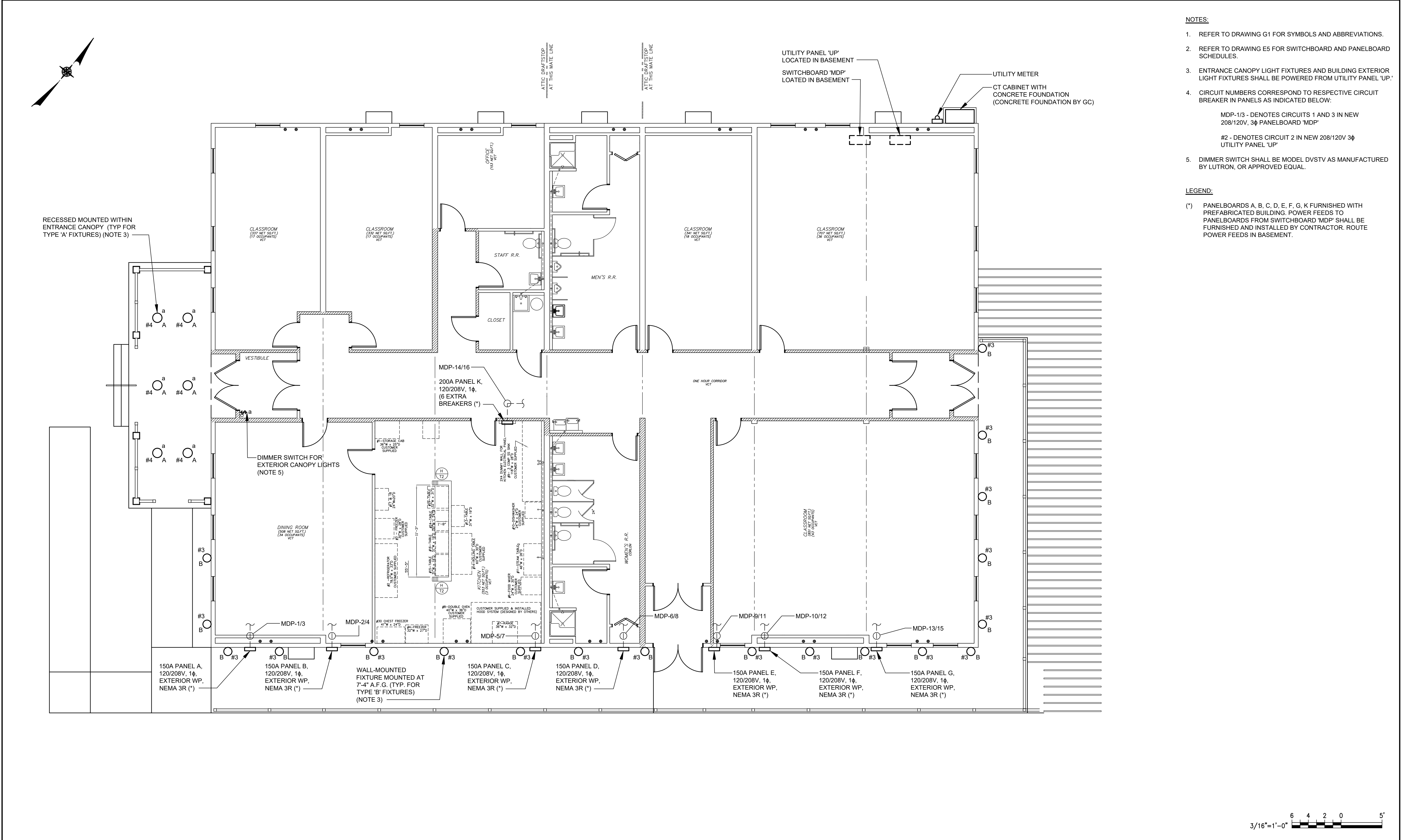


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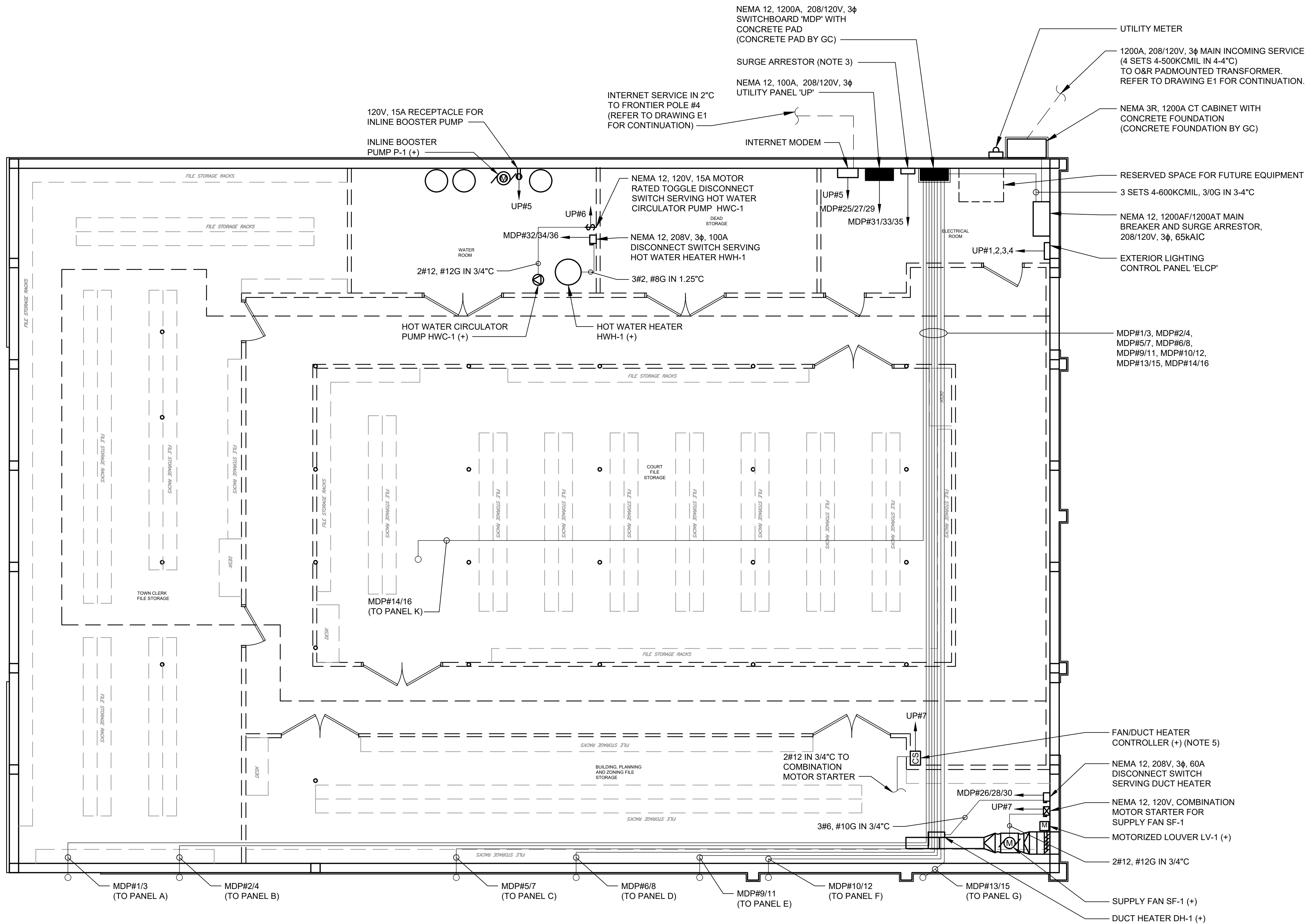
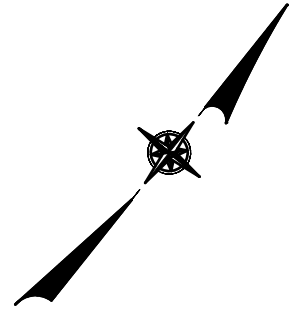


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- NOTES:**
- REFER TO DRAWING G1 FOR SYMBOLS AND ABBREVIATIONS.
  - REFER TO DRAWING E5 FOR SWITCHBOARD AND PANELBOARD SCHEDULES.
  - CIRCUIT NUMBERS CORRESPOND TO RESPECTIVE CIRCUIT BREAKER IN PANELS AS INDICATED BELOW:  
  
MDP#1/3 - DENOTES CIRCUITS 1 AND 3 IN NEW 208/120V, 3 $\phi$  SWITCHBOARD 'MDP'  
  
UP#1 - DENOTES CIRCUIT 1 IN NEW 208/120V, 3 $\phi$  UTILITY PANELBOARD 'UP'
  - SURGE ARRESTOR SHALL BE MODEL 200LS AS MANUFACTURED BY MCG SURGE PROTECTION, OR APPROVED EQUAL.
  - FAN/DUCT HEATER CONTROLS:  
a. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR CONTROL CONDUIT AND WIRING TO THERMOSTAT(S) AND DUCT HEATER. REFER TO GC DRAWINGS.

3/16"=1'-0" 6 4 2 0 5'

NO.	DATE	REVISION	INT.

UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF SECTION 7209 OF THE NEW YORK STATE EDUCATION LAW.			
PROJECT ENGINEER:		DRAWN BY:	
AE		TW/JQ	
DESIGNED BY:		CHECKED BY:	
MN		MN	

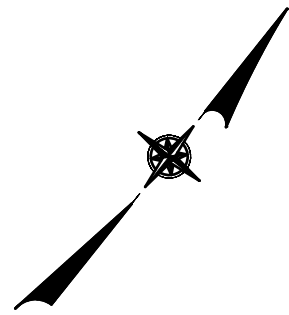


TOWN OF BLOOMING GROVE	
ORANGE COUNTY	NEW YORK
LASSER PARK SENIOR CENTER	

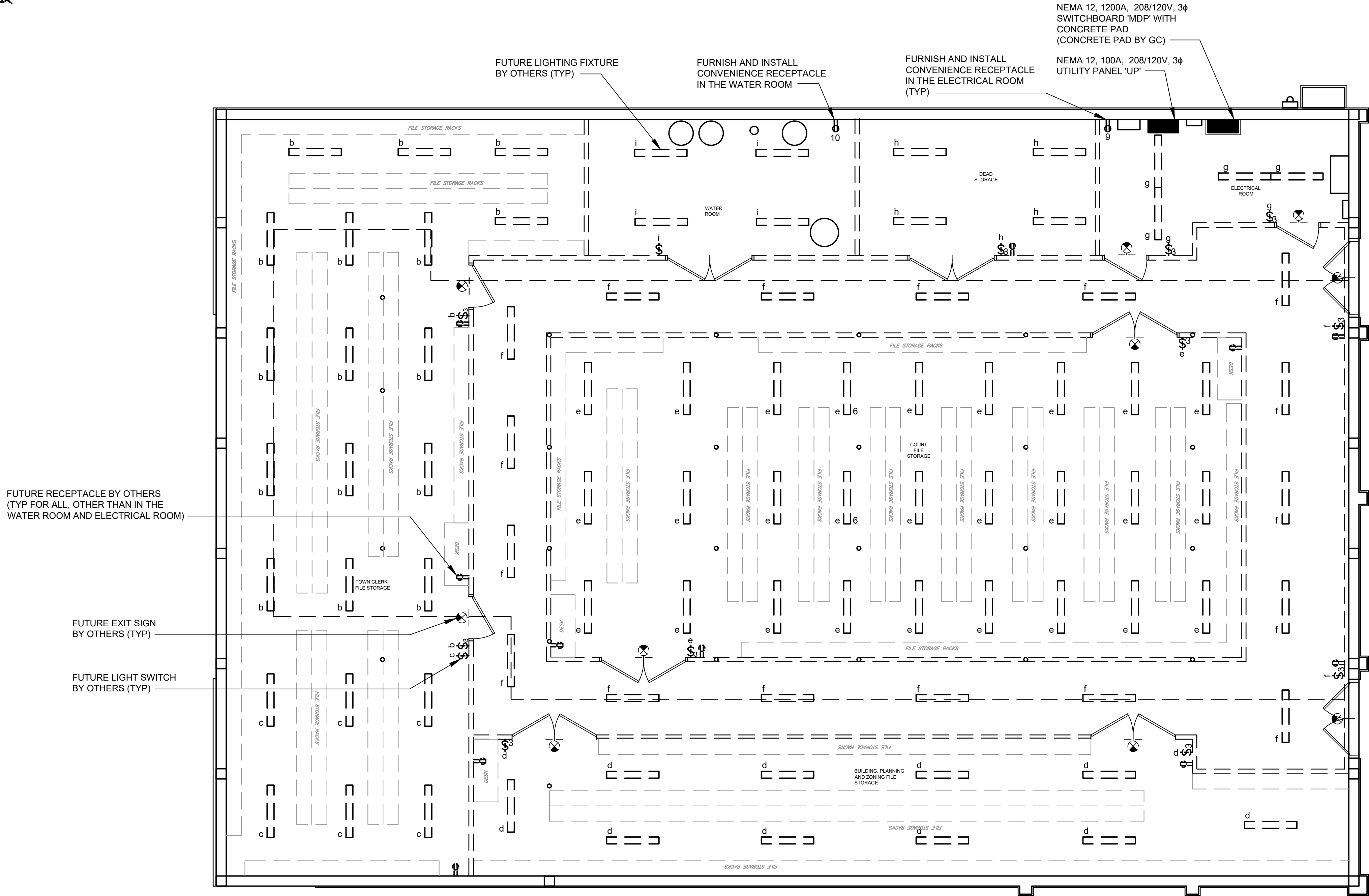
CONTRACT 2
BASEMENT POWER PLAN
ELECTRICAL

PROJECT NO.
5708
DATE:
AUGUST 2023
SCALE:
3/16" = 1'-0"

E3



- NOTES:
- REFER TO DRAWING G1 FOR SYMBOLS AND ABBREVIATIONS.
  - REFER TO DRAWING E5 FOR SWITCHBOARD AND PANELBOARD SCHEDULES.
  - CIRCUIT NUMBERS CORRESPOND TO RESPECTIVE CIRCUIT BREAKER IN PANELS AS INDICATED BELOW:  
1 - DENOTES CIRCUIT 1 IN NEW 208/120V, 3 $\phi$  UTILITY PANEL 'UP.'



3/16"=1'-0" 6 4 2 0 5'

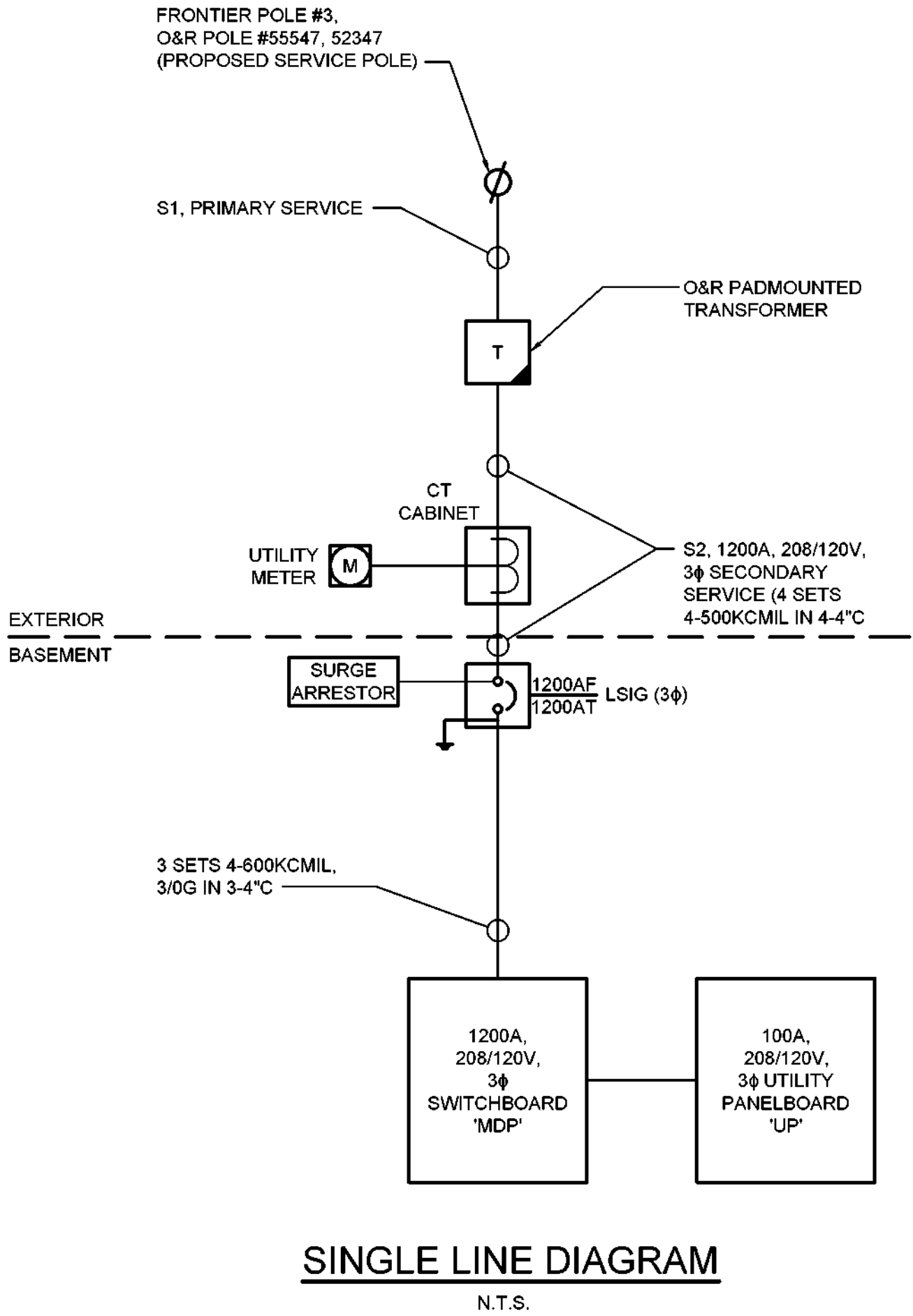
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- NOTES:
- REFER TO DRAWING G1 FOR SYMBOLS AND ABBREVIATIONS.
  - GROUND NEW SERVICE IN ACCORDANCE WITH NEC AND O&R REQUIREMENTS.
  - SURGE ARRESTOR SHALL BE MODEL 200LS AS MANUFACTURED BY MCG SURGE PROTECTION OR APPROVED EQUAL.

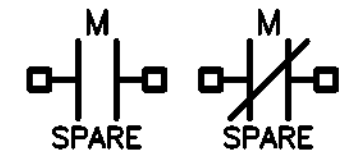
SWITCHBOARD 'MDP'						
CKT NO.	DEVICE		LOAD DESIGNATION	LOAD		BRANCH CIRCUIT
	POLE	TRIP		H.P.	KVA	
1	2	150	PANEL 'A'		22.0	3-2/0, #6 IN 2"C
3	-	-				
5	2	150	PANEL 'C'		23.5	3-1/0, #6 IN 2"C
7	-	-				
9	2	150	PANEL 'E'		22.9	3-1/0, #6 IN 2"C
11	-	-				
13	2	150	PANEL 'G'		19.9	3-1/0, #6 IN 2"C
15	-	-				
17	2	150	SPARE			
19	-	-				
21	2	150	SPARE			
23	-	-				
25	3	100	UTILITY PANEL UP		2.6	4#2, #8G IN 1.25"C
27	-	-				
29	-	-				
31	3	30	SURGE ARRESTOR			3#10, #10G IN 3/4"C
33	-	-				
35	-	-				
37	3	100	SPARE			
39	-	-				
41	-	-				
2	2	150	PANEL 'B'		24.7	3-2/0, #6 IN 2"C
4	-	-				
6	2	150	PANEL 'D'		23.6	3-1/0, #6 IN 2"C
8	-	-				
10	2	150	PANEL 'F'		27.6	3-1/0, #6 IN 2"C
12	-	-				
14	2	200	PANEL 'K'		34.6	3-4/0, #6 IN 2"C
16	-	-				
18	2	150	SPARE			
20	-	-				
22	2	200	SPARE			
24	-	-				
26	3	50	DUCT HEATER DH-1		12.0	3#6, #10G IN 3/4"C
28	-	-				
30	-	-				
32	3	100	HOT WATER HEATER HWH-1		27	3#2, #8G IN 1.25"C
34	-	-				
36	-	-				
38	3	50	SPARE			
40	-	-				
42	-	-				
MAIN BUS: 1200A MAIN: 1200AF/1200AT MAIN BREAKER FEEDER: 3 SETS 4-600KCMIL,3/0G						
TYPE: BOLT-ON VOLTS: 208/120V PHASE: 3PH, 4W+GND						
MOUNTING: FREESTANDING AIC(SYM): 65,000 EST. CONN. KVA: 241						

UTILITY PANEL 'UP'						
CKT NO.	DEVICE		LOAD DESIGNATION	LOAD		BRANCH CIRCUIT
	POLE	TRIP		H.P.	KVA	
1	1	20	EXTERIOR LTG: POLE MOUNTED FIXTURES		0.3	2#8, #10G IN 1"C
3	1	20	EXTERIOR LTG: BUILDING EXTERIOR		0.5	2#10, #10G IN 3/4"C
5	1	20	INTERNET MODEM		0.1	2#12, #12G IN 3/4"C
7	1	20	SUPPLY FAN SF-1; FAN/DUCT HEATER CTRL	1/8		2#12, #12G IN 3/4"C
9	1	20	BSMNT REC: ELECTRICAL ROOM	0.2		2#12, #12G IN 3/4"C
11	1	20	SPARE			
13	1	20	SPARE			
15	1	20	SPARE			
17	1	20	SPARE			
19	1	20	SPARE			
21	1	20	SPARE			
23	1	20	SPARE			
25	1	20	SPARE			
27	1	20	SPARE			
29	1	20	SPARE			
31	1	20	SPARE			
33	1	20	SPARE			
35	1	20	SPARE			
37	1	20	SPARE			
39	1	20	SPARE			
41	1	20	SPARE			
2	1	15	EXTERIOR LIGHTING CONTROL PANEL		0.1	2#12, #12G IN 3/4"C
4	1	20	EXTERIOR LTG: ENTRANCE CANOPY		0.1	2#10, #10G IN 3/4"C
6	1	15	HOT WATER CIRCULATOR PUMP HWC-1	1/40		2#12, #12G IN 3/4"C
8	1	15	INLINE BOOSTER PUMP P-1		0.8	2#12, #12G IN 3/4"C
10	1	20	BSMNT REC: WATER ROOM	0.2		2#12, #12G IN 3/4"C
12	1	20	SPARE			
14	1	20	SPARE			
16	1	20	SPARE			
18	1	20	SPARE			
20	1	20	SPARE			
22	1	20	SPARE			
24	1	20	SPARE			
26	1	20	SPARE			
28	1	20	SPARE			
30	1	20	SPARE			
32	1	20	SPARE			
34	1	20	SPARE			
36	1	20	SPARE			
38	1	20	SPARE			
40	1	20	SPARE			
42	1	20	SPARE			
MAIN BUS: 100A MAIN: MLO FEEDER: MDP#25/27/29						
TYPE: BOLT-ON VOLTS: 208/120V PHASE: 3PH, 4W+GND						
MOUNTING: SURFACE AIC(SYM): 65,000 EST. CONN. KVA: 2.4						



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1. REFER TO DRAWING G1 FOR SYMBOLS AND ABBREVIATIONS.



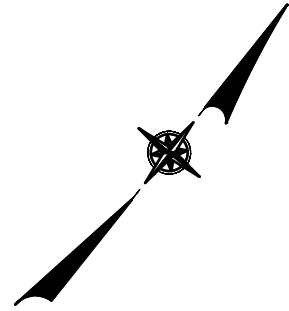
1. MODULAR SEAL STRIP SHALL BE PLACED SO THAT BOLTS CAN BE ADJUSTED DURING NORMAL OPERATION
2. WALLS 12" OR LARGER IN THICKNESS SHALL REQUIRE 2 MODULAR SEAL STRIPS.

(USE FOR ALL EXISTING WALL PENETRATIONS)  
N.T.S.

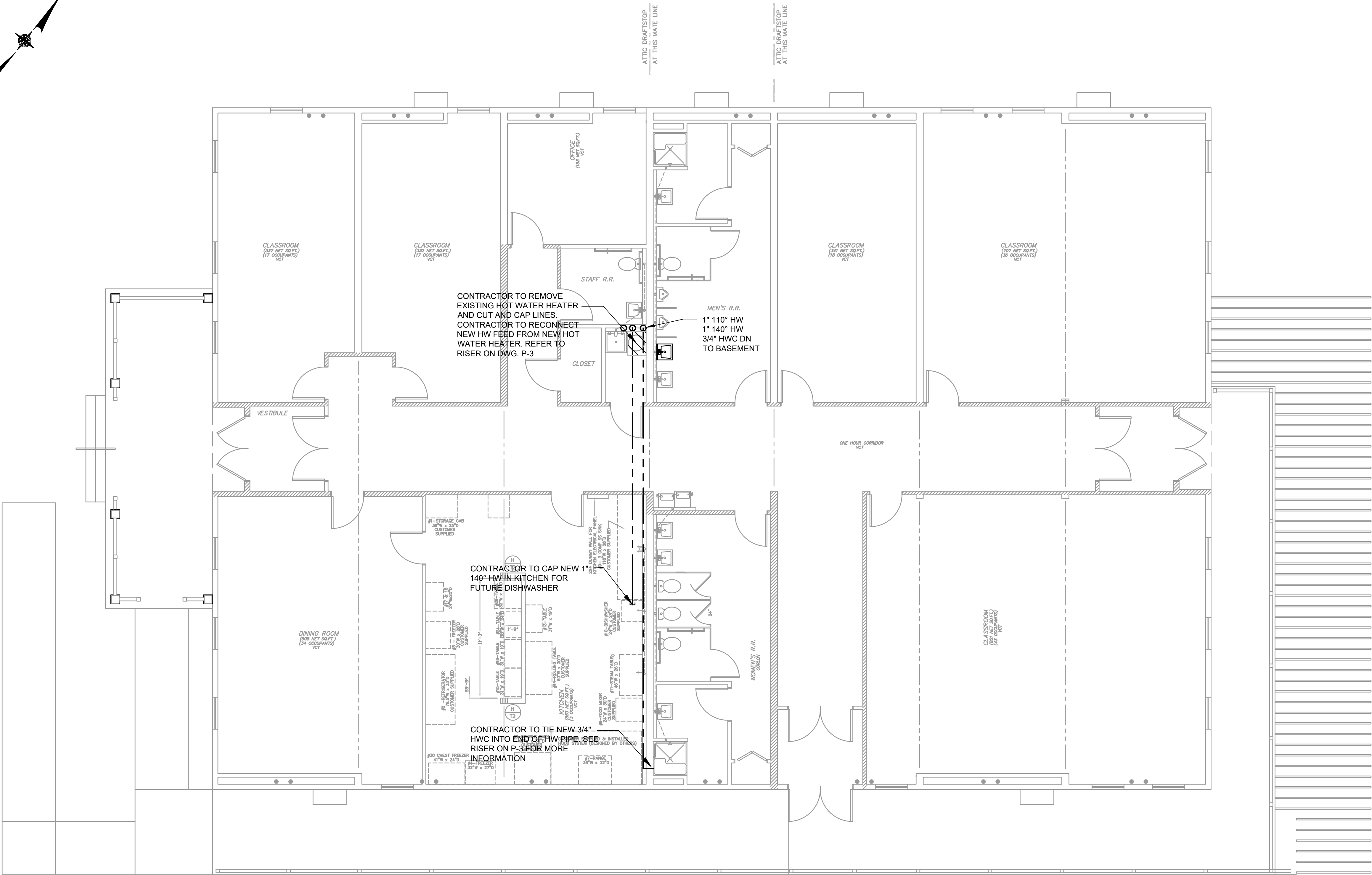


N.T.S.





- NOTES:**
1. PLUMBING FIXTURES ON THIS PLAN ARE SHOWN FOR REFERENCE ONLY UNLESS OTHERWISE NOTED. ALL FIXTURES SHOWN HAVE BEEN PREVIOUSLY INSTALLED UNDER A SEPARATE CONTRACT AS HAS ALL OF THE WATER DISTRIBUTION/ SANITARY VENTING AND SANITARY STUBS UNLESS OTHERWISE NOTED ON THIS PLAN. REFER TO DRAWING P3 FOR FURTHER CLARIFICATION ON THE WATER/SANITARY RISER DIAGRAMS.

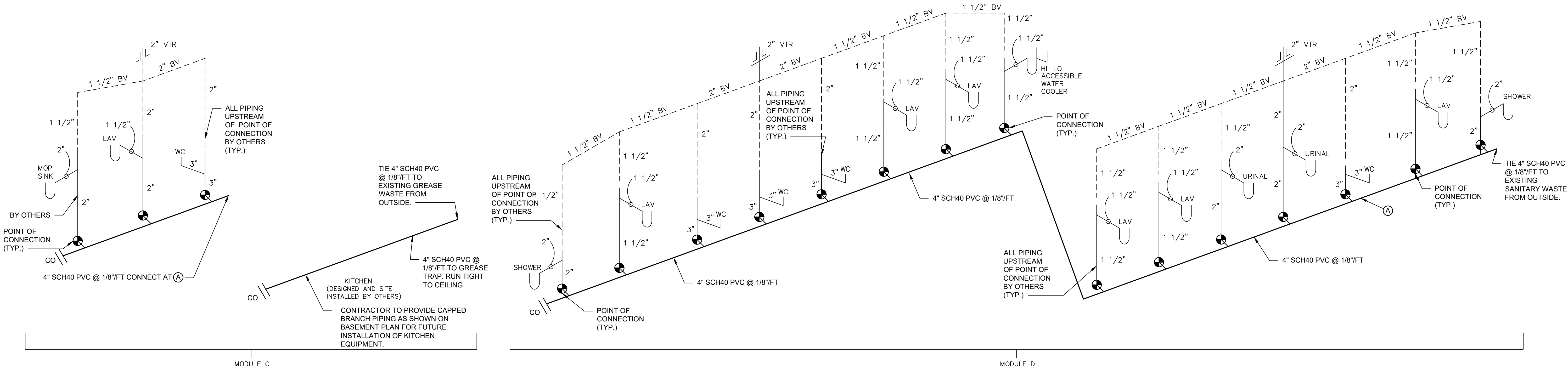


					UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF SECTION 7209 OF THE NEW YORK STATE EDUCATION LAW.		<div>D&amp;B ENGINEERS AND ARCHITECTS</div>	TOWN OF BLOOMING GROVE		CONTRACT 2		PROJECT NO. 5708	DRAWING NO.  <b>P1</b>		
					PROJECT ENGINEER: AE	DRAWN BY: MP/PD		ORANGE COUNTY		NEW YORK		PLUMBING PLAN - FIRST FLOOR		DATE: AUGUST 2023	
					DESIGNED BY: MP/PD	CHECKED BY: BA/WDM						PLUMBING		SCALE: 3/16" = 1'-0"	
								LASSER PARK SENIOR CENTER							
NO.	DATE	REVISION		INT.											





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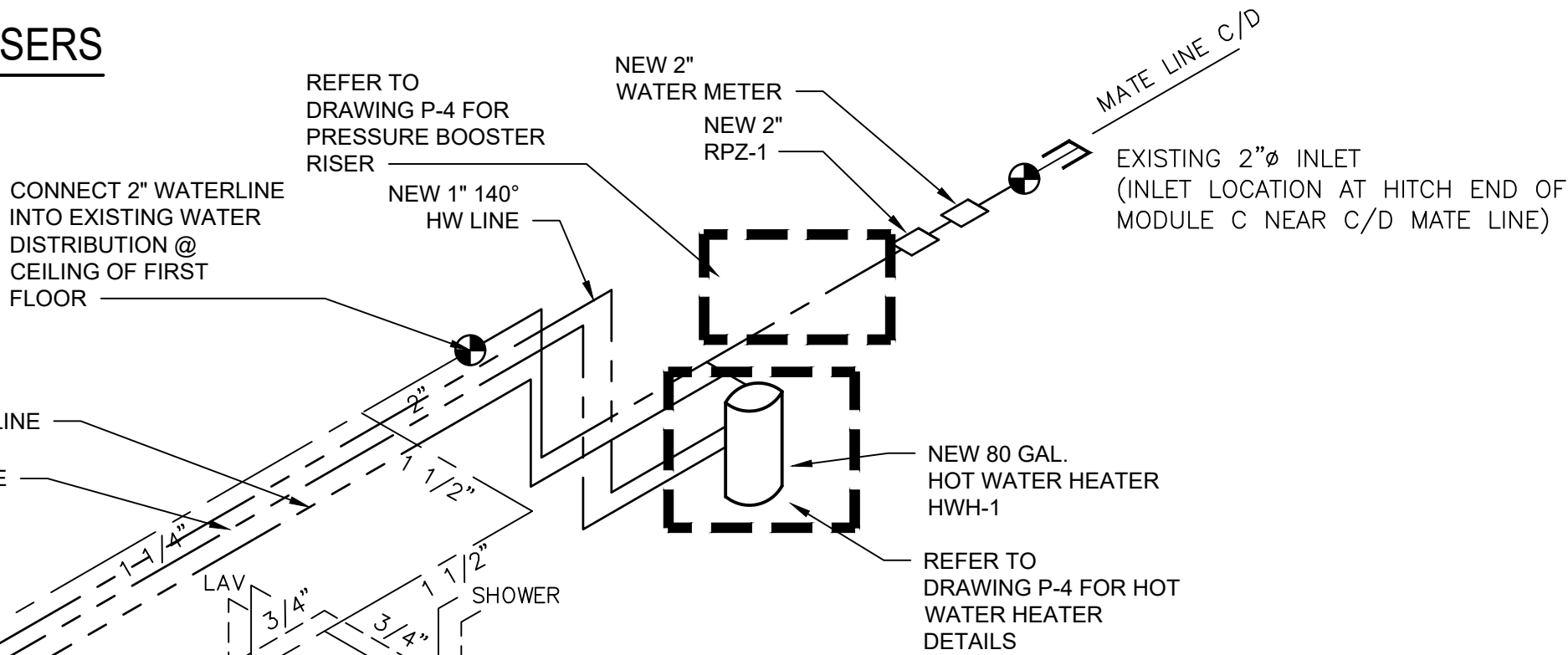


NOTES:

1. SYMBOLS/ ABBREVIATIONS LIST APPLIES TO ALL CONTRACTS
2. THE FIXTURES/VENT DISTRIBUTION PIPING AND SANITARY STUBS HAVE ALL BEEN INSTALLED UNDER A PREVIOUS CONTRACT. CONTRACTOR RESPONSIBILITY IS TO TIE EACH STUB INTO A NEW 4" MAIN LOCATED IN BASEMENT CEILING AND TIE INTO EXISTING SANITARY STUB GOING OUT TO PREVIOUSLY INSTALLED SEPTIC TANK/LEACHING FIELD.

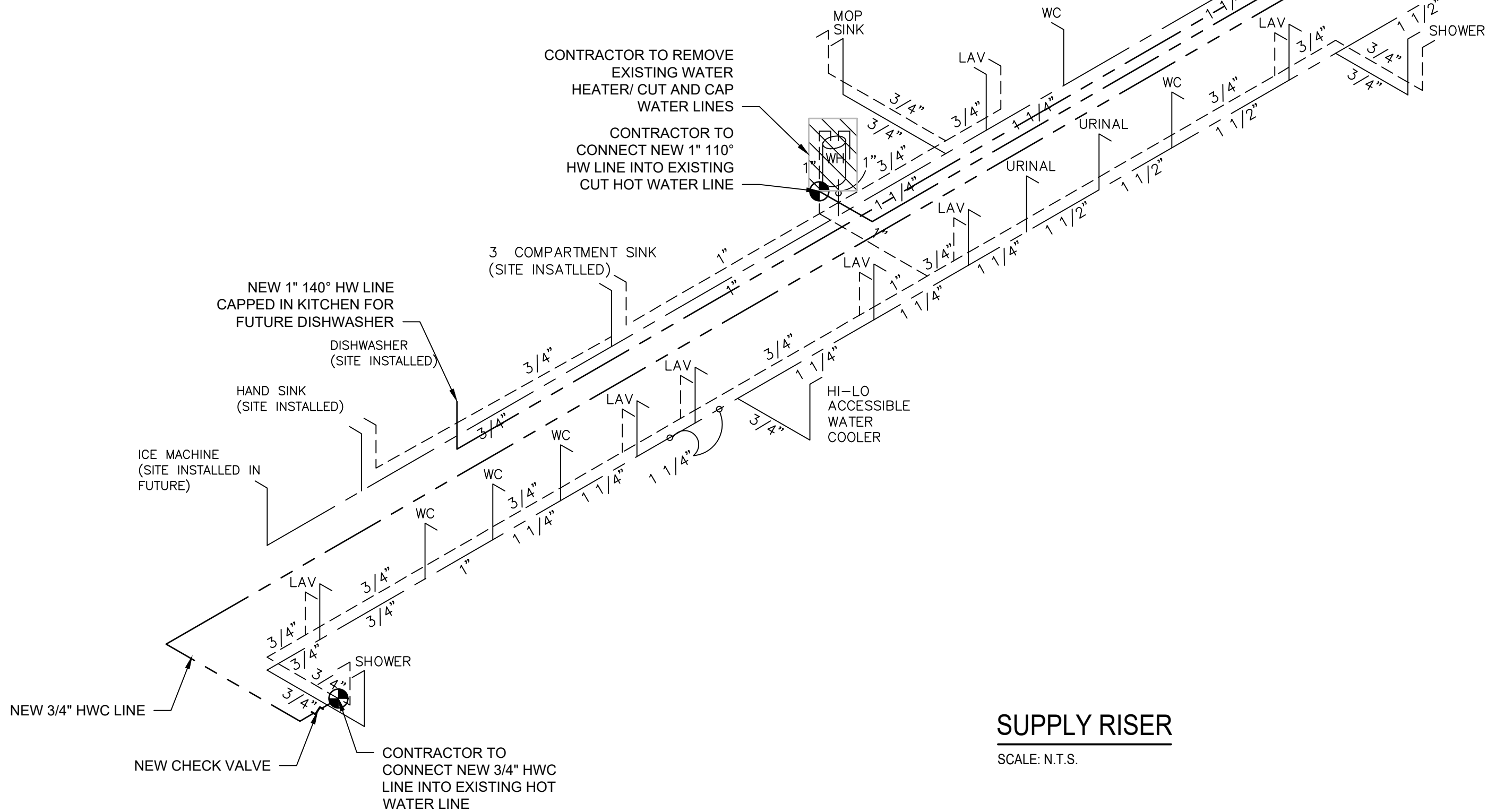
DMV RISERS

SCALE: N.T.S.



SUPPLY RISER

SCALE: N.T.S.



NO.	DATE	REVISION	INT.



UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF SECTION 7209 OF THE NEW YORK STATE EDUCATION LAW.			
PROJECT ENGINEER:	AE	DRAWN BY:	MP/PD
DESIGNED BY:	MP/PD	CHECKED BY:	BA/WDM



TOWN OF BLOOMING GROVE	
ORANGE COUNTY	NEW YORK
LASSER PARK SENIOR CENTER	

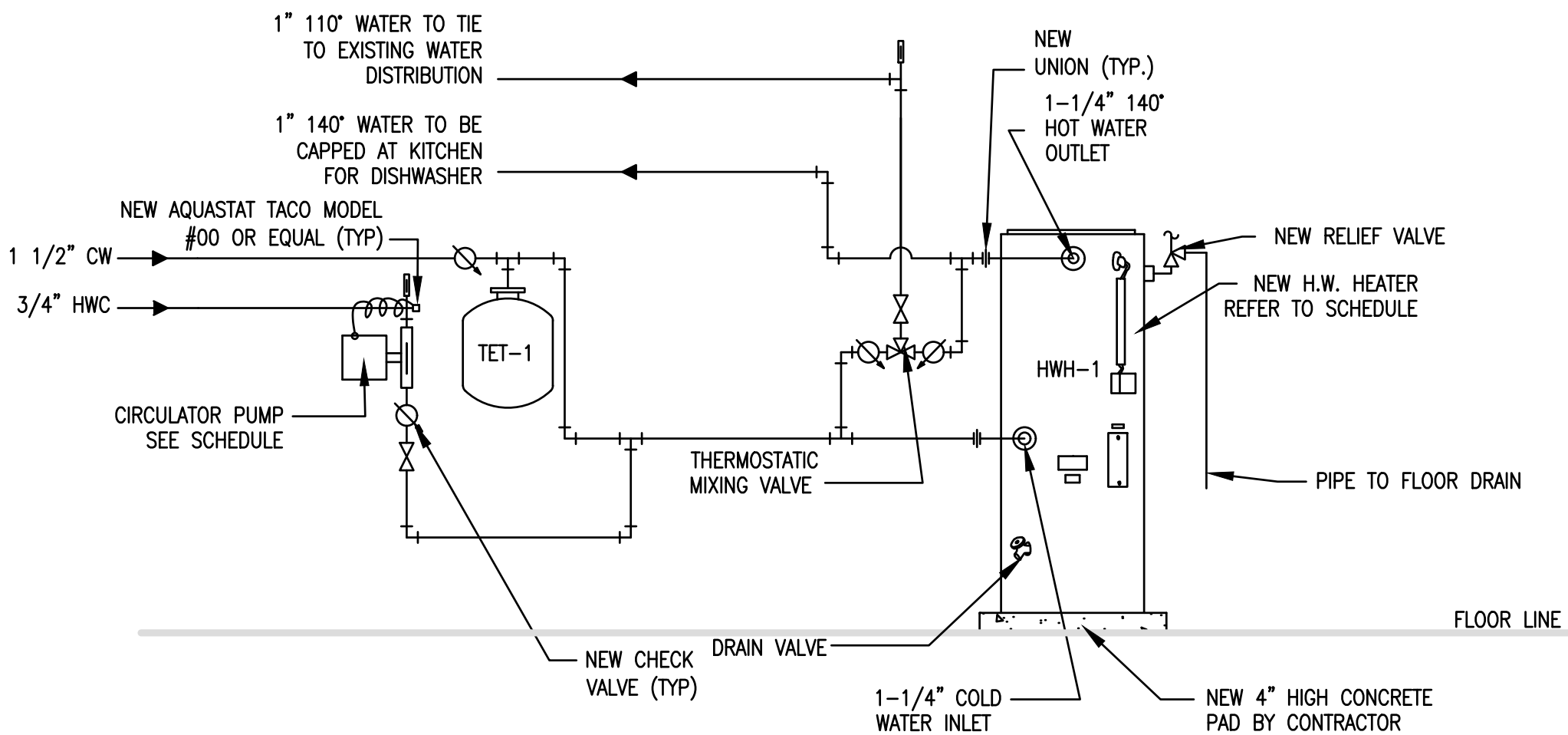
CONTRACT 2
RISERS
PLUMBING

PROJECT NO. 5708
DATE: AUGUST 2023
SCALE: N.T.S.

DRAWING NO.  P3
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F:\5708-BG-Senior Center\Contract 2.dwg\Plumbing\5708-P-DT02.dwg, P4, 0/28/2023 5:10:07 PM, Maplan



GENERAL NOTE:  
CONTRACTOR RESPONSIBLE FOR INSULATION OF ALL NEW DOMESTIC WATER LINES.

1 HOT WATER HEATER DETAIL  
Scale: NTS

DOMESTIC WATER HEATER - BASED ON AO SMITH COMMERCIAL ELECTRIC WATER HEATER

MARK	MODEL	TYPE	CAPACITY	KW INPUT	RECOVERY @ 100° F RISE	PHYSICAL DIMENSIONS (IN.)		WATER CONNECTIONS	WEIGHT
						DIA.	HEIGHT		
HWH-1	DRE-80-27	ELECTRIC	80 GAL	27 KW	111 GPH	25-1/2"	60-1/4"	1-1/4"	280 LBS

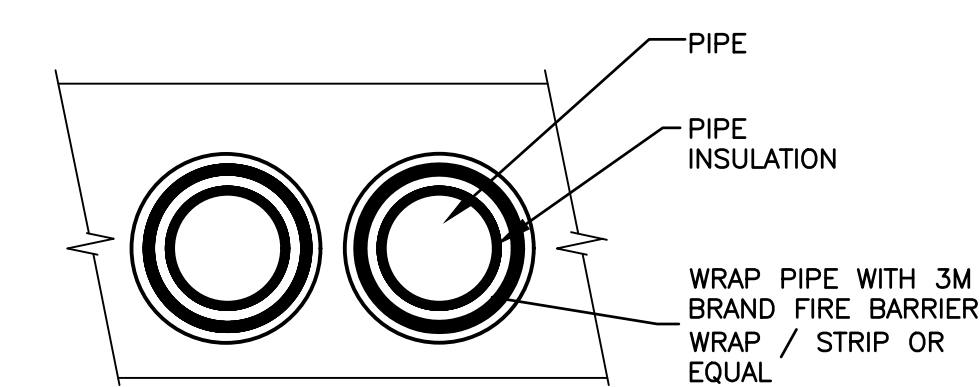
REFER TO DETAIL 1/P-4 FOR MORE INFORMATION

HOT WATER CIRCULATOR PUMP SCHEDULE -BASED ON TACO

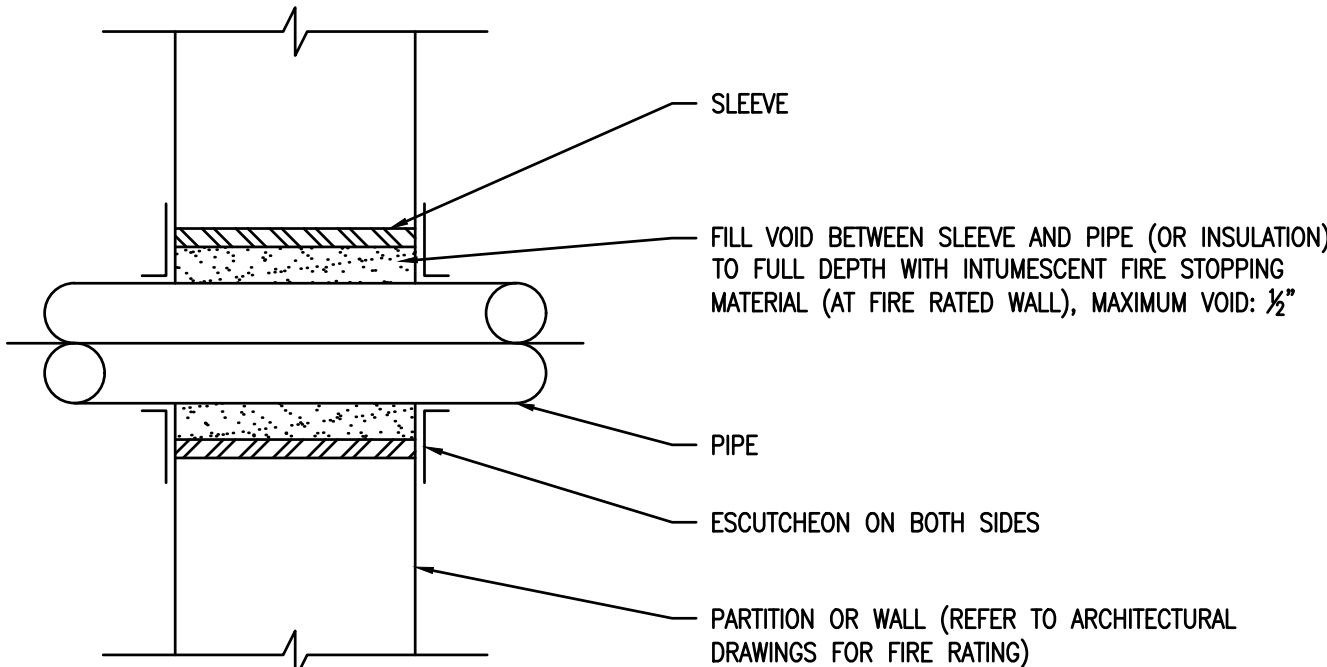
MARK	MODEL NO.	MANF.	FLOW	MOTOR	VOLTAGE	RPM	CONTROL	DISCONNECT	REMARKS
HWC-1	003-B4	TACO	.25 GPM @ 2.75' HEAD	1/40 HP 60 HZ, 1 PH	115V	3250	AQUASTAT & 12 HR. TIMER	ON/OFF SWITCH	ALL BRONZE CONSTRUCTION

HOT WATER EXPANSION TANK SCHEDULE -BASED ON WATTS

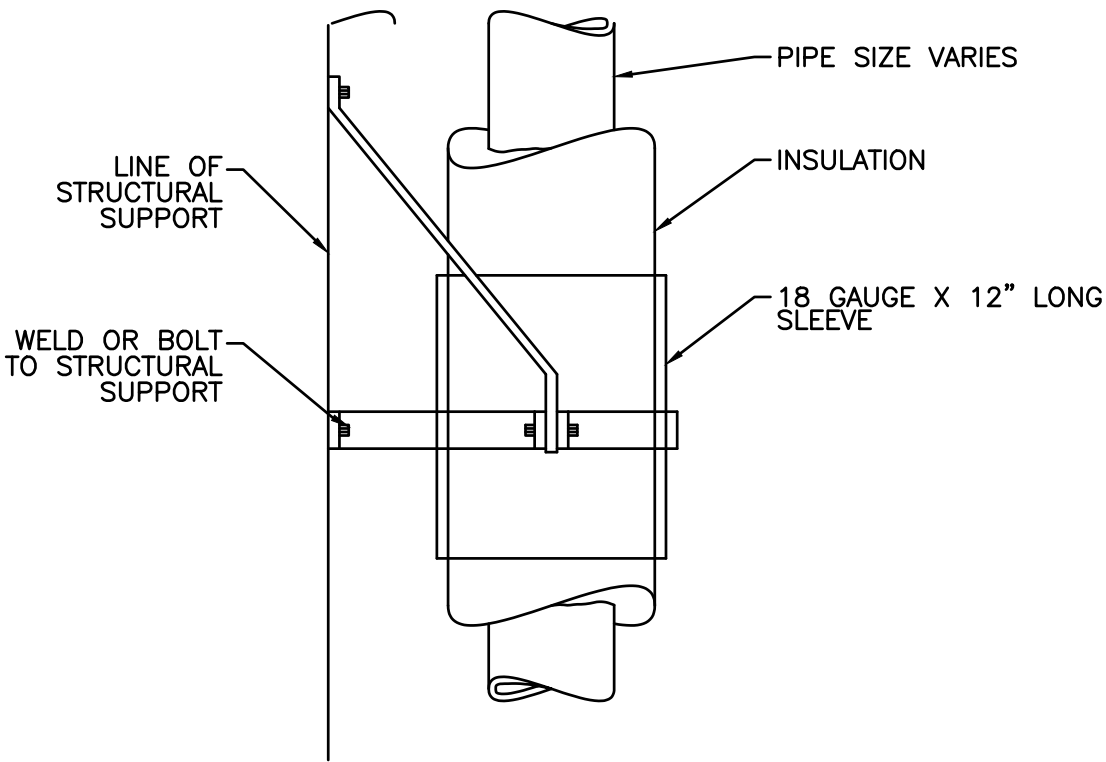
MARK	MODEL NO.	MANF.	VOLUME	ACCEPTANCE VOLUME	DIAMETER	HEIGHT	CONN.	WEIGHT
TET-1	DETA12	WATTS	5 GAL.	3.3 GAL.	12"	14"	3/4"	28 LBS



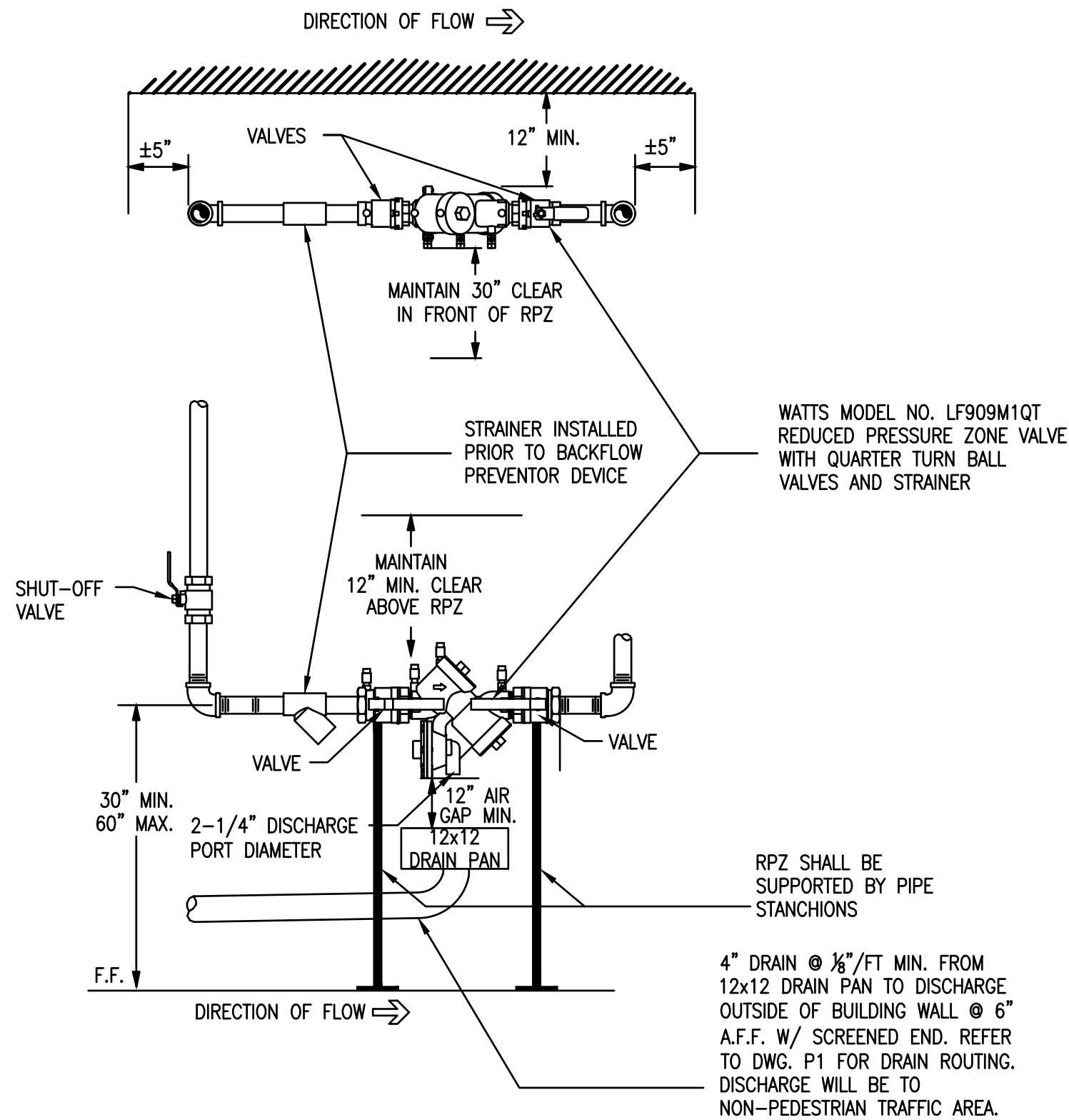
3 PIPE PENETRATION DETAIL THRU FIRE RATED WALL  
Scale: NTS



4 PIPE PENETRATION THRU FIRE WALL  
Scale: NTS



5 DETAIL OF VERTICAL PIPE GUIDE  
Scale: NTS



2 RPZ INSTALLATION DETAIL  
Scale: NTS

REDUCED PRESSURE PRINCIPLE ASSEMBLY SCHEDULE

MARK	MANUF	MODEL	SIZE	FLOW	FLOW RATE	PRESSURE LOSS	MAX WORKING PRESSURE	REMARKS
RPZ-1	WATTS	LF909M1QT	2"	77 GPM	7.5 FPS	10 PSI	175 PSI	SEE NOTES BELOW

NOTES:

1. MOUNT RPZ DEVICE AT 30" FROM FLOOR TO CENTERLINE OF DEVICE, INSTALL WITH 12" CLEAR FROM BACK OF DEVICE TO FINISHED WALL (REFER TO INSTALLATION ON THIS SHEET).
2. TEST COCKS MUST BE POSITIONED TO FACILITATE TESTING (30" MINIMUM CLEARANCE)
3. DRAINS CANNOT BE SUBJECT TO FLOODING AND MUST BE SCREENED.
4. RPZ MUST BE A LEAD FREE MODEL.
5. RPZ MUST BE ADEQUATELY SUPPORTED TO PREVENT LATERAL MOVEMENT TO THE FLOOR.
6. SUPPORTS MUST BE PLACED WHERE THEY WILL NOT OBSTRUCT THE FUNCTION OR ACCESS TO RELIEF VALVE.
7. RPZ MUST HAVE USC FOUNDATION FOR CROSS CONNECTION CONTROL APPROVAL.
8. A SEPARATE SHUT OFF VALVE IS REQUIRED UPSTREAM OF THE ASSEMBLY.
9. RPZ MAY NOT BE INSTALLED HIGHER THAN 5' ABOVE THE FLOOR OR A FIXED PLATFORM IS REQUIRED.
10. INSTALL PROTECTIVE STRAINER PER MANUFACTURERS RECOMMENDATION
11. RPZ DEVICE WILL BE INSTALLED ABOVE THE 100 YEAR FLOOD ELEVATION.

GENERAL PLUMBING SHEET NOTES

1. THE PLUMBING WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH THE PROJECT SPECIFICATIONS AND WITH THE LATEST EDITION OF THE PREVAILING STATE PLUMBING CODES AS WELL AS ALL LOCAL REGULATIONS THAT MAY APPLY. IN CASE OF CONFLICT BETWEEN THE CONTRACT DOCUMENTS AND A GOVERNING CODE OR ORDINANCE THE MORE STRINGENT STANDARD SHALL APPLY.
2. ALL PLUMBING WORK SHALL BE COORDINATED WITH ALL OTHER TRADES BEFORE PROCEEDING.
3. INVERT ELEVATIONS AND EXACT LOCATIONS OF ALL EXISTING UTILITIES SHALL BE VERIFIED BEFORE PROCEEDING WITH NEW WORK.
4. NO CHANGES ARE TO BE MADE IN PLUMBING LAYOUT WITHOUT WRITTEN PERMISSION BY THE ARCHITECT AND/OR ENGINEER.
5. NO PIPING SHALL BE EXPOSED IN FINISHED AREAS.
6. ROUGHING DIMENSIONS OF TOILET FIXTURES MUST BE COORDINATED WITH ALL TRADES.
7. WATER SUPPLY PIPING SHALL BE TYPE "L" COPPER, OR EQUAL.
8. INSULATE ALL WATER PIPING EXCEPT EXPOSED TO FIXTURES WITH 1/2" FIBERGLASS INSULATION WITH NON-COMBUSTIBLE UL RATED VAPOR BARRIER OR CLOSED CELL FLEXIBLE INSULATION.
9. PROVIDE SHUT-OFF VALVES AT EACH FIXTURE ON WATER SUPPLY PIPES, COLD AND HOT.
10. ALL ACCESS PANELS & LOCATIONS SHALL BE BY CONTRACTOR AND COORDINATED WITH ALL OTHER TRADES.
11. INSTALL ALL REQUIRED CLEANOUTS TO CLEAR EQUIPMENT AND FIXTURES.
12. ALL WORK SHALL BE PROPERLY TESTED, BALANCED, CLEANED AND DISINFECTED.
13. CONTRACTOR TO FIRESEAL ALL THRU-WALL PENETRATIONS THROUGH RATED WALLS WITH 3M BRAND FIRESTOP SEALANT OR APPROVED EQUAL.
14. REFER TO PLUMBING FIXTURE CONNECTION SCHEDULE.
15. ALL UNDERGROUND COPPER WATER PIPING SHALL BE PROTECTED IN A PVC CASING PIPE 2" GREATER THAN THE LARGEST DIAMETER SUPPLY LINE. PIPING SHALL BE COATED WITH ASPHALTUM AND BITUMASTIC.
16. ALL PIPING TO BE RUN AS TIGHT AS POSSIBLE TO STRUCTURE. COORDINATE WITH ALL TRADES
17. CONTRACTOR IS RESPONSIBLE FOR THE PRODUCTION OF PLUMBING AS BUILT DRAWINGS AND ASSOCIATED DOCUMENTS.
18. CONTRACTOR TO PROTECT PLUMBING PIPING FROM DAMAGE RESULTING FROM EXPANSION, CONTRACTION AND STRUCTURAL SETTLEMENT.
19. EXPANSION JOINT FITTINGS TO BE USED WHERE NECESSARY TO PROVIDE FOR EXPANSION AND CONTRACTION OF PIPING.

NO.	DATE	REVISION	INT.



UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF SECTION 7209 OF THE NEW YORK STATE EDUCATION LAW.			
PROJECT ENGINEER:	AE	DRAWN BY:	MP/PD
DESIGNED BY:	MP/PD	CHECKED BY:	BA/WDM



D&B ENGINEERS AND ARCHITECTS

TOWN OF BLOOMING GROVE

ORANGE COUNTY

NEW YORK

LASSER PARK SENIOR CENTER

CONTRACT 2

DETAILS

PLUMBING

PROJECT NO.

5708

DATE:

AUGUST 2023

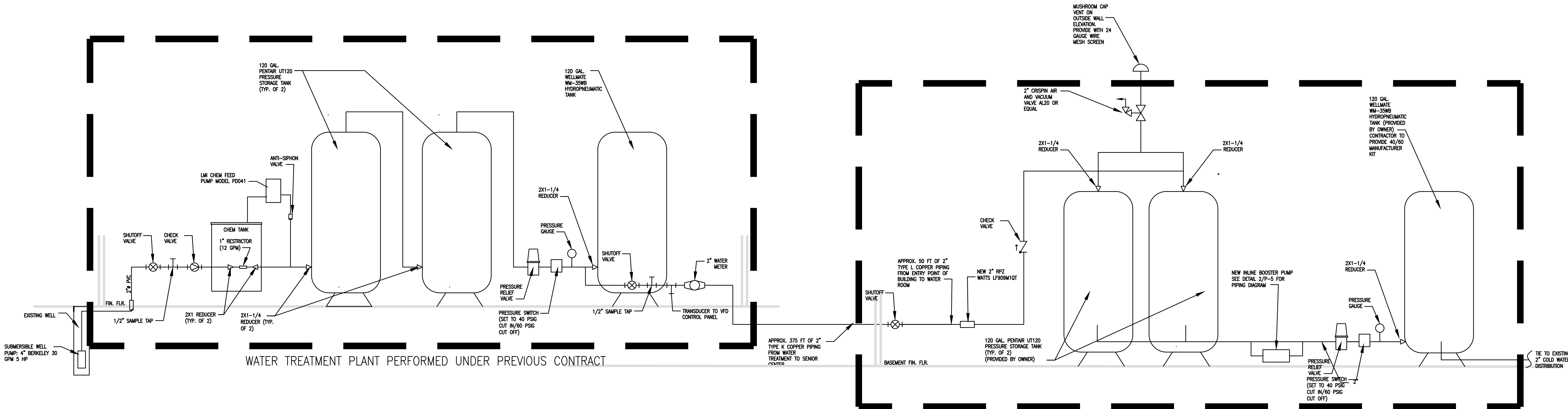
SCALE:

N.T.S.

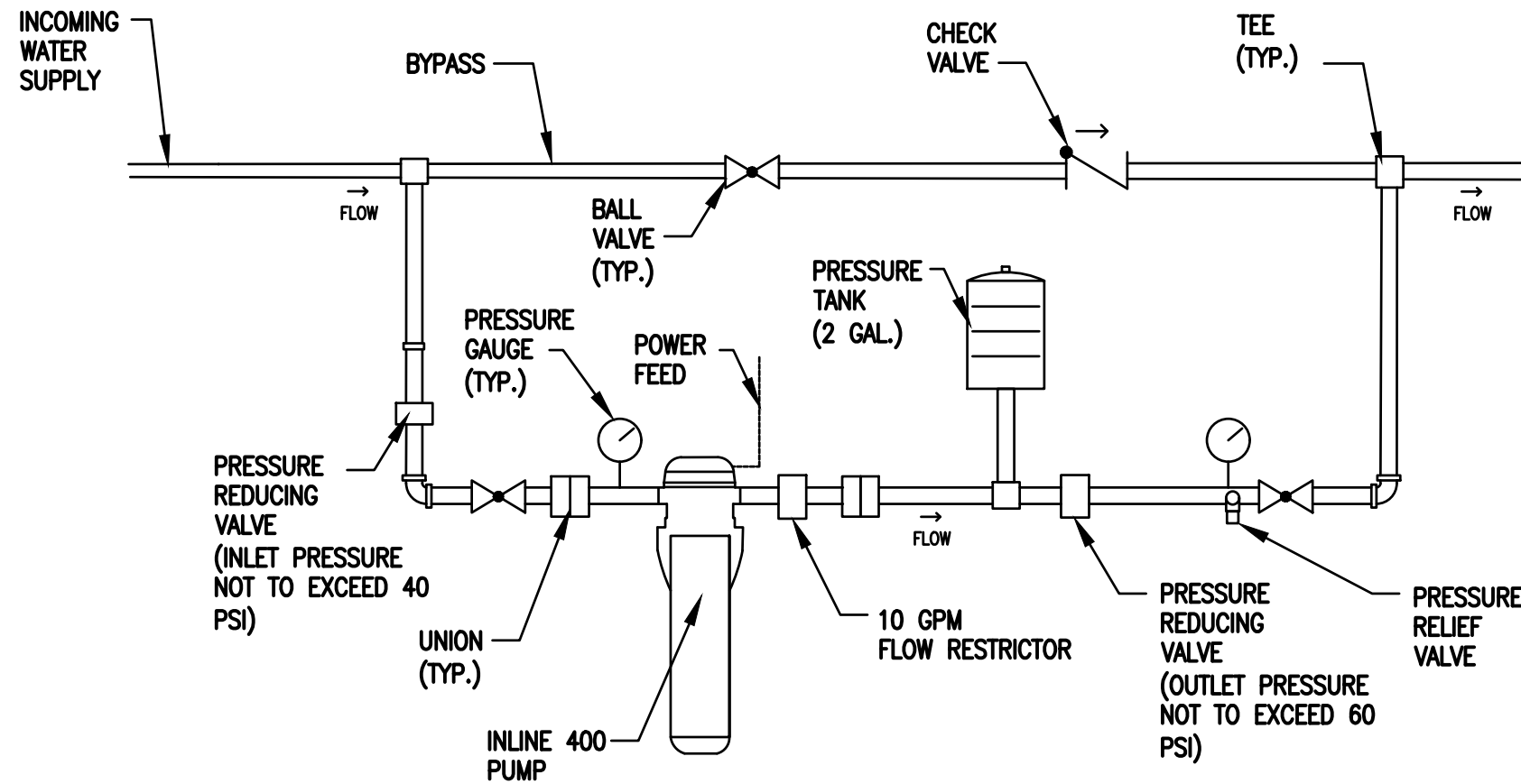
DRAWING NO.

P4





1 FULL SCHEMATIC WATER BOOSTER SYSTEM PROFILE  
Scale: NTS



2 INLINE BOOSTER PUMP PIPING SCHEMATIC  
Scale: NTS

INLINE PRESSURE BOOSTER PUMP			
MARK	MODEL	MANF.	ELECTRICAL
P-1	INLINE 400	LITTLE GIANT	1/3 HP 115V 60 HZ 6.6 AMP

NOTES: PRESSURE TANK PURCHASED WITH UNIT. PRESSURE TANK TO BE MOUNTED NO MORE THAN 5 FEET FROM BOOSTER PUMP.  
UNIT IS EQUIPPED WITH A FLOW SENSOR AND DUAL PRESSURE SWITCHES.  
UNIT WILL TURN ON WHEN DISCHARGE PRESSURE DROPS BELOW 40 PSI AND FLOW THROUGH THE PUMP IS GREATER THAN 1/2 GPM.

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