

POCANTICO HILLS CSD

PHASE 1A - CAPITAL IMPROVEMENTS

599 BEDFORD RD, SLEEPY HOLLOW, NY 10591

CONTRACT DOCUMENTS

LIST OF DRAWINGS:

GENERAL PROJECT

GENERAL DRAWINGS
G11 SYMBOLS & ABBREVIATIONS

CENTRAL SCHOOL SED # : 66-08-02-04-0-001-039

CENTRAL SCHOOL

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CS-A1.1 DEMOLITION & NEW FLOOR PLANS

MECHANICAL DRAWINGS
CS-H1.1 POOL HVAC PLAN

PLUMBING DRAWINGS
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MAINTAINENCE STORAGE BUILDING SED # : 66-08-02-2-006-001

MAINTAINENCE STORAGE BUILDING

CODE COMPLIANCE DRAWINGS
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MS-C01.3 SITE CODE COMPLIANCE PLAN

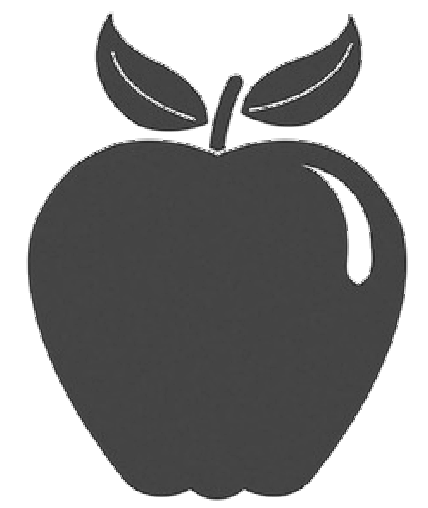
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STRUCTURAL DRAWINGS
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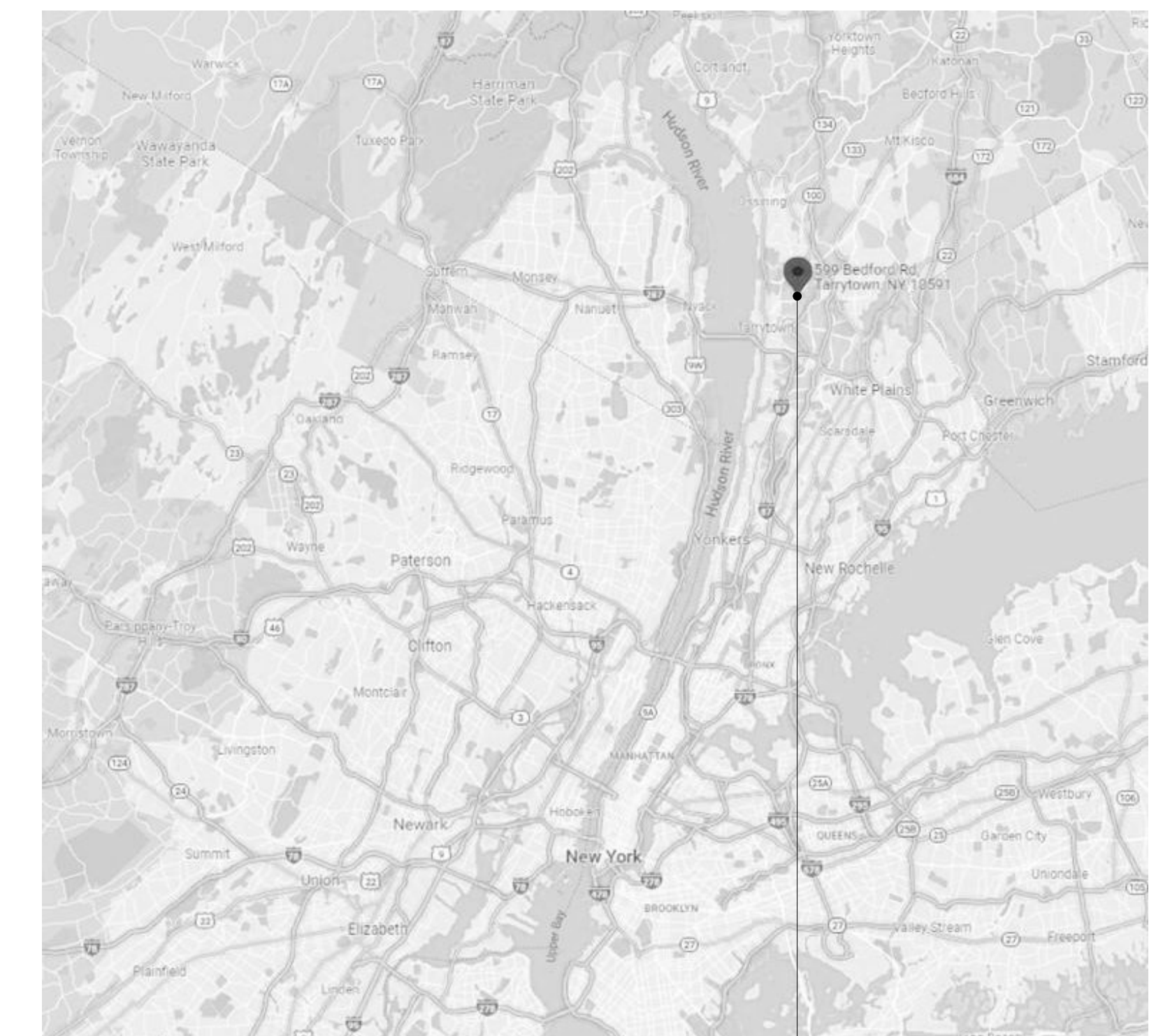
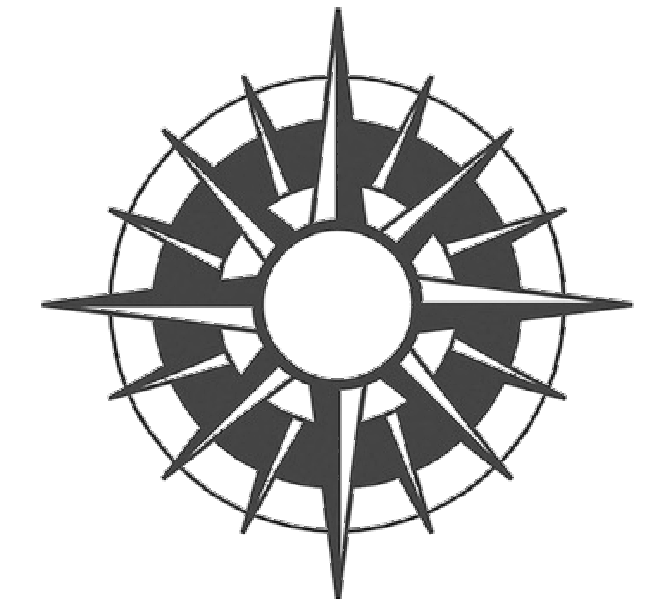
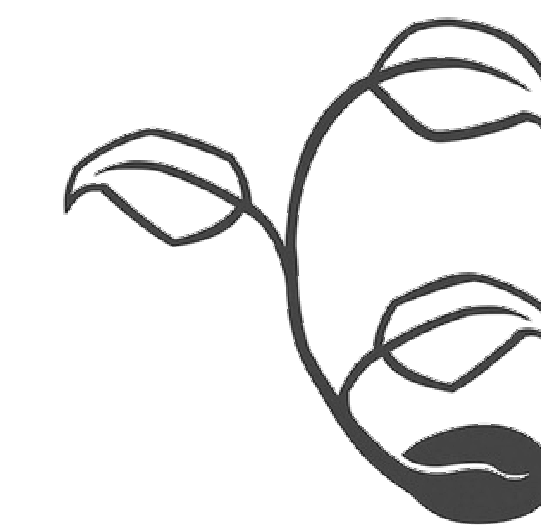
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ELECTRICAL DRAWINGS
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MS-E2.1 ELECTRICAL SCHEDULES AND DETAILS



LEARNING • ACHIEVEMENT • GROWTH • DIRECTION



AREA MAP

PROJECT LOCATION

ISSUED FOR BID: 11/14/2022
HUNT PROJECT NUMBER: 3288.004
CENTRAL SCHOOL SED # : 66-08-02-04-0-001-039
MAINTAINENCE STORAGE BUILDING SED # : 66-08-02-04-2-006-001

THIS IS TO CERTIFY THAT TO THE BEST OF OUR KNOWLEDGE, INFORMATION AND BELIEF - THESE PLANS AND SPECIFICATIONS ARE IN ACCORDANCE WITH APPLICABLE REQUIREMENTS OF THE BUILDING CODE, FIRE CODE, AND ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE.

HUNT ENGINEERS | ARCHITECTS | SURVEYORS
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STEWORK SYMBOLS	STEWORK SYMBOLS	PLUMBING SYMBOLS	HVAC SYMBOLS	ELECTRICAL SYMBOLS	TECHNOLOGY SYMBOLS	ARCHITECTURAL SYMBOLS	ARCHITECTURAL SYMBOLS
	CONTROL POINT		TEST PIT		POINT OF CONNECTION		ROOM NAME, NUMBER, & APPROXIMATE AREA
	UTILITY POLE W/ ANCHOR		TEST HOLE		DUCT DOWN		BUILDING SECTION CALLOUT
	SIGN		RIP RAP		DUCT UP		WALL SECTION DETAIL SECTION
	EXG. WATER VALVE		COORDINATE POINT LOCATION		DUCT PENETRATION THRU FLOOR OR ROOF ABOVE SUPPLY		INTERIOR ELEVATION CALLOUT
	NEW WATER VALVE		5/8" REBAR WITH SURVEY CAP SET		DUCT PENETRATION THRU FLOOR OR ROOF ABOVE EXHAUST OR RETURN		EXTERIOR ELEVATION CALLOUT
	UTILITY POLE W/ LIGHT		EXISTING IRON ROD		ELECTRICAL SYMBOLS		DETAIL/TITLE NUMBER
	STREET LIGHT		EXISTING IRON PIPE		NON-FUSED DISCONNECT SWITCH		NEW COLUMN GRID LINE
	EXG. FIRE HYDRANT		ORIGINAL LOT LINE		FUSED DISCONNECT SWITCH		EXISTING COLUMN GRID LINE
	NEW FIRE HYDRANT		PROPERTY LINE		MAGNETIC STARTER		MATCH LINE
	CATCH BASIN DRYWELL		EXISTING FENCE		COMBINATION MAGNETIC MOTOR STARTER AND FUSED DISCONNECT SWITCH		CENTERLINE
	CURB BOX VALVE		NEW FENCE		FLUSH WALL MOUNTED POWER PANEL		ELEVATION INDICATOR
	EXISTING DECIDUOUS TREE		GUARD RAIL		SURFACE MOUNTED POWER PANEL		CASEWORK NUMBER & TYPE - REFER TO CASEWORK SCHEDULE
	EXISTING CONIFEROUS TREE		EASEMENT LINE		MOTOR TYPE ELECTRICAL LOAD		WINDOW NUMBER
	EXG. ELEVATION		CONCRETE MONUMENT		HAND DRYER / HAIR DRYER ELEC. LOAD		DOOR NUMBER
	NEW ELEVATION				UV-UNIT VENT AHI-AIR HANDLING UNIT FC-FAN COIL UNIT P-PUMP EF-EXHAUST FAN CU-CONDENSING UNIT		WALL PARTITION TYPE
	GAS LINE				DUPLEX RECEPTACLE WALL MOUNTED GFI-GROUND FAULT CIRCUIT INTERRUPTER IG-ISOLATED GROUND TYPE WP-GROUND FAULT TYPE IN WATERPROOF CAST ALUMINUM HOUSING AC-MNT. ABOVE COUNTER BACKSPASH BC-MNT. BELOW COUNTER		DEMOLITION KEYNOTE
	EXISTING MANHOLE				FIRE ALARM VISUAL ANNUNCIATOR		DRAWING KEYNOTE
	NEW MANHOLE				FIRE ALARM AUD-VIS. ANNUNCIATOR		MARKERBOARD AND TACKBOARD TYPES
	EXISTING ELECTRIC				MAGNETIC DOOR HOLDER		TOILET ACCESSORY TAG
	WATER LINE				HOME RUN OF WIRE AND CONDUIT		ELEVATION MARK OR COORDINATE POINT
	SANITARY LINE						SLOPE
	TELEPHONE LINE						VENT PIPE
	STORM SEWER						EXHAUST HOOD
	OVERHEAD UTILITY						
	UNDERGROUND ELECTRIC						
	ROAD CENTER LINE						
	*LINES SHOWN AS SCREENED (GRAY) DENOTE EXISTING						
	EDGE OF STREAM OR SWALE						
	SHRUBBERY, WOODS						
	EXISTING CULVERT						
	NEW CULVERT WITH END SECTION						

A AREA	CLO CLOSET	EXG EXISTING	HR HANDRAIL	MNT MOUNT(ED), (ING)	PTN PARTITION	STD STANDARD	WH WALL HYDRANT
AC AIR CONDITIONING COOLING	CLR CLEARANCE	EXH EXHAUST	HT HEIGHT	MO MASONRY OPENING	PTR PAPER TOWEL RECEPTOR	STL STEEL	WHB WHEEL BUMPER
AB ANCHOR BOLTS	CLS CLOSURE	EXP EXPOSED	HTG HEATING	MOD MODULAR	PV PAVE(D), PAVING	STN STAINED	WI WROUGHT IRON
ABV ABOVE	CMP CORRUGATED METAL PIPE	EXT EXTERIOR	HTR HEATER	MON MONUMENT	PVC POLYVINYL CHLORIDE	STR STRUCTURAL	WM WIRE MESH
AC ALTERNATING CURRENT	CMU CONCRETE MASONRY UNIT	FA FIRE ALARM, FRESH AIR	HTX HEAT EXCHANGER	MOV MOVABLE	PVPF POLYVINYLIDENE DIFLUORIDE (FINISH)	STR I STRUCTURAL	WP WATERPROOF(ED), (ING)
ACT ACOUSTICAL TILE	CO CLEANOUT, COMPANY	FAI FRESH AIR INTAKE	HVAC HEATING, VENTILATION & AIR CONDITIONING	MAR MARBLE	PVM PAVEMENT	SUBSTR SUBSTRUCTURE	WR WATER REPELLENT
AD AREA DRAIN	COL COLUMN	FAS FASTENER	HW HOT WATER	MRD METAL ROOF DECKING	PWF PLYWOOD	SUPR SUPERINTENDENT	WS WATERSTOP
ADD ADDENDUM	COMB COMMINATION	FB FACE BRICK	HWH HOT WATER HEATER	MTR METAL FURRING	PWD PLYWOOD	SURF SURFACE	WSCOT WAJNSCOT
ADH ADHESIVE	COMP COMPRESS(ED), (ION), (BLE)	FBD FIBERBOARD	HYD HYDRANT	MTL METAL	QTR QUARTER	SUSP SUSPENDED	WT WEIGHT
ADJ ADJACENT	CON CONNECTOR, CONNECTION	FG FIBERGLASS	ID INSIDE DIAMETER	MULL MULLION	QTY QUANTITY	SW SWITCH	WTF WALL TO WALL
ASS ARCHITECTURAL EXPOSED STRUCTURAL STEEL	CONC CONCRETE	FIG FIGURE	IN INCH (")	MULT MULTIPLE	QT QUARRY TILE	SY SQUARE YARD	WV WET VENT
AFF ABOVE FINISH FLOOR	CONST CONSTRUCTION	FIN FINISHED BY OTHERS	INCIN INCINERATOR	MWK MILLWORK	QTY QUANTITY	SYS SYSTEM	WWF WELDED WIRE FABRIC
AGG AGGREGATE	CONT CONTINUOUS, CONTINUE	FC FAN COIL	INCL INCLUDE(D), INCLUDING	NIF NOW OR FORMERLY	R RISE(R)	T TREAD	WWM WELDED WIRE MESH
AHU AIR HANDLER	CONTR CONTRACTOR(S)	FD FLOOR DRAIN	INFO INFORMATION	NA NOT AVAILABLE/APPLICABLE	RA RETURN AIR	T&B TOP & BOTTOM	XSECT CROSS SECTION
AL ALUMINUM	COORD COORDINATE	FDR FOLDING DOOR	INT INFORMATION	NAT NATURAL	RAD RADIUS	T&G TONGUE & GROOVE	YD YARD
ALIGN ALIGNMENT	CP CLAY PIPE	FE FIRE EXTINGUISHER	INS INSULATED	NAT NATURAL	RBR RUBBER	TAB TABULATE	YR YEAR
ALLOW ALLOWANCE	CPG COPING	FEC FIRE EXTINGUISHER CABINET	INT INTERIOR	NEC NATIONAL ELECTRIC CODE	NEG NEGATIVE	TERR TERRA COTTA	
ALT ALTERNATE	CPR COPPER	FF FINISH FLOOR	INV INVERT (ELEVATION)	NIC NOT IN CONTRACT	NEG NEGATIVE	TEL TELEPHONE	
AMP AMPERAGE	CPT CARPET(ED)	CR COLD ROLLED	IP IRON PIPE / IRO PIPE SIZE	NOT AVAILABLE/APPLICABLE	RC REINFORCED CONCRETE	TEMP TEMPORARY, TEMPERATURE	
ANC ANCHOR(AGE)	CR COLD ROLLED	PGL FIBERGLASS	JC JANITORS CLOSET	NA NOT AVAILABLE/APPLICABLE	RCP REINFORCED CONCRETE PIPE, REFLECTED CEILING PLAN	TF TACKSTRIP	
ANG ANODIZED	CMS CONCRETE	FIG FIGURE	JF JOINT FILLER	NAL NALABLE	REF REFERENCE	TMBR TERMINATION BAR	
APPROX APPROXIMATE	CSMT CASEMENT	FIN FINISHED	JNT JOINT	NOM NOMINAL	REFR REFRIGERATOR, REFRIGERATED	TOP TOP OF FOOTING	
ARCH ARCHITECTURAL	CST CAST STONE	FLCO FLOOR CLEANOUT	JST JOIST	NRC NOISE REDUCTION COEFFICIENT	REG REGISTER	TOJ TOP OF JOIST	
ASB ASBESTOS	CT CERAMIC TILE	FLEX FLEXIBLE	KIT KITCHEN	NS NEAR SIDE	REIN REINFORC(ED), REINFORCING	TOL TOLERANCE	
ASBC ASBESTOS CONTRACTOR	CTR COUNTINER	FLG FLASHING	KO KNOCKOUT	NTS NOT TO SCALE	REQ REQUIRED	TOPO TOP OF MASONRY	
ASPH ASPHALT	CU CUBIC	FLR FLOORING	KPL KICKPLATE	O/H OVERHEAD	RES RESILIENT	TOPO TOPOGRAPHIC	
AUX AUXILIARY	CULV CULVERT	FUR FURRED FURRING	L LENGTH	OA OVERALL	RET RETURN	TOS TOP OF STEEL	
AVG AVERAGE	CV CHECK VALVE	FUN FURNITURE	LAB LABORATORY	OBS OBTSCURE	REV REVISED, REVISION(S)	TOW TOP OF WALL	
AWG AMERICAN WIRE GAGE	CW COLD WATER	FND FOUNDATION	LAD LADDER	OD OUTSIDE DIAMETER	ROW RIGHT OF WAY	TPD TOILET PAPER DISPENSER	
BCJ BRICK CONTROL JOINT	CY CUBIC YARD	FO FRAMED OPENING	LAM LAMINATE(D)	OFF OFFICE	RP RADIANT PANEL	TR TRANSITION	
BCU CLOSER COIL UNIT	DBL DOUBLE	FOC FACE OF CONCRETE	LIN LAMINATED	OHG OVERHANG	RPM REVOLUTIONS PER MINUTE	TRM TOILET ROOM	
BD BOARD	DC DIRECT CURRENT	FOF FACE OF FINISH	LAT LATITUDE	OPG OPENING	RS REINFORCING STEEL	TV TELEVISION, CABLE	
BEJ BRICK EXPANSION JOINT	DEG DEGREE	FOM FACE OF MASONRY	LAV LAVATORY	OPR OPPOSITE HAND	RT RUBBER TILE	UNP UNPAINTED	
BEL BELOW	DF DRINKING FOUNTAIN	FOS FACE OF STUDS	LBN LINEN	OPP OPPOSITE	RTE ROUTE	UR URINAL	
BEV BEVELED	DIA DIAMETER	FP FIREPROOF	LBL LABEL	OPS OPPOSITE SURFACE	RWC RAINWATER CONDUCTOR	UV UNIT VENTILATOR	
BF BOARD FEET	DIAG DIAGONAL	FLR FLOORING	LF LINEAR FOOT	ORIG ORIGINAL	SAN SANITARY (SEWAR)	V VOLT	
BIT BITUMINOUS	DM DIMENSION	FLR FLOORING	LH LEFT HAND	ORIG ORIGINAL	PE PORCELAIN ENAMEL	VB VINYL/RUBBER BASE	
BLDG BUILDING	DIV DIVISION	FTG FOOTING	LIC LICENSE(D)	OPN OPEN-WEB STEEL JOIST	PF PORCELAIN FINISH	VCP VITRIFIED CLAY PIPE	
BLK BLOCK	DOZ DOZEN	FUR FURRED FURRING	LIN LINEAR	PA PUBLIC ADDRESS	PG PLATE GLASS	VCT VINYL COMPOSITION TILE	
BLKG BLOCKING	DPR DAMP-PROOFING	FUN FURNITURE	LNO LINOLEUM	PAR PARALLEL	PCF POUNDS PER CUBIC FOOT	VENT VENTILATOR	
BM BENCH MARK	DLV DEAD LOAD	FXT FIXTURE	LQ LIQUID	PB PANIC BAR	PE POUNDS PER SQUARE FOOT	UNO UNLESS NOTED OTHERWISE	
BOF BOTTOM OF FOOTING	DN DOWN	GA GAGE, GAUGE	LKR LOCKER	PBD PARTICLE BOARD	PF PERFORATED	UNP UNPAINTED	
BOT BOTTOM	DOZ DOZEN	GALV GALVANIZED	LL LIVE LOAD	PC PLUMBING CONTRACTOR	PERI PERIMETER	UR URINAL	
BPL BEARING PLATE	DR DAMP-PROOFING	GAS GAS	LLV LONG LEG VERTICAL	PCC PRECAST CONCRETE	PERM PERMANENT	VV VENTILATOR	
BRG BEARING	DPR DAMP-PROOFING	GB GRAB BAR	LMS LIMESTONE	PCF POUNDS PER CUBIC FOOT	PERP PERPENDICULAR	VV VENTILATOR	
BRK BRICK	DR DOOR	GC GENERAL CONTRACTOR	LONG LONGITUDE, LONGITUDINAL	PE PORCELAIN ENAMEL	PFB PREFABRICATION	VWC VINYL WALL COVER	
BRKT BRACKET	DS DOWNSPOUT	GCMU GLAZED CMU	LPT LIGHT PANEL	PF PENETRATION	PF PREFABRICATION	W WIDE, WIDTH	
BS BOTH SIDES	DT DRAIN TILE	GL GLASS, GLAZING	LRF LARGE	PERF PERFORATED	PG PLATE GLASS	WI WITHOUT	
BTU BRITISH THERMAL UNITS	DTA DOWEL TIE ANCHOR	GPM GALLONS PER MINUTE	LRG LARGE	PERI PERIMETER	PKG PARKING	WB WOODBASE	
BUR BUILT-UP ROOF	DTL DETAIL	GSS GALVANIZED STEEL SHEET	LT LIGHT	PERM PERMANENT	PL PLATE	WC WATER CLOSET	
BW BOTH WAYS	DWG DRAWING	GST GLAZED STRUCTURAL TILE	LTL LINTEL	PERP PERPENDICULAR	PLAST PLASTIC	WCO WALL CLEANOUT	
C CHANNEL	EA EACH	GVL GALVANIZED	LTV LUXURY VINYL TILE	PFB PREFABRICATION	PLAST PLASTIC	WD WOOD	
C-C CENTER TO CENTER	EC ELECTRICAL CONTRACTOR	GW GYPSUM WALL BOARD	MAINT MAINTENANCE	PFI PREFINISHED	PLAST PLASTER	WDO WINDOW	
CAB CABINET	EF EACH FACE	GYP GYPSUM	MAS MASONRY	PL PLATE	PLG PLUMBING	WF WALL FIN RADIATION	
CAP CAPACITY	EJ EXPANSION JOINT	EA EACH	MAT MATERIAL	PLG PLUMBING	PLF POUNDS PER LINEAR FOOT	WG WIRE(ED) GLASS	
CB CATCH BASIN	EL ELEVATION	ELEC ELECTRICAL	MAX MAXIMUM	PLF POUNDS PER LINEAR FOOT	PL PLATE		
CBF HUNDRED BOARD FEET	ELEV ELEVATOR	EMER EMERGENCY	MBF 1000 BOARD FEET	PLR PLASTER	PLR PLASTER		
CD COLD DRAWN	EMER EMERGENCY	ENC ENCLOSE, ENCLOSURE	MC MECHANICAL CONTRACTOR	PLR PLASTER	PLR PLASTER		
CEM CEMENT	ENC ENCLOSE, ENCLOSURE	ENG ENGINEER	MCH MECHANICAL	PLR PLASTER	PLR PLASTER		
CER CERAMIC	ENG ENGINEER	ENT ENTRANCE	HCP HANDICAP	PLR PLASTER	PLR PLASTER		
CF CUBIC FOOT	EOD EDGE OF DECK	EOD EDGE OF DECK	HDT HEAD DUCT	PLR PLASTER	PLR PLASTER		
CFG COUNTER FLASHING	EOS EDGE OF SLAB	EP ELECTRICAL PANEL BOARD	HDR HEADER	PLR PLASTER	PLR PLASTER		
CFM CUBIC FOOT/MINUTE	EQ EQUAL	EQ EQUAL	HDR HEADER	PLR PLASTER	PLR PLASTER		
CFMF COLD-FORMED METAL FRAMING	EOP EQUIPMENT	EST ESTIMATE(D)	HW HARDWARE	PLR PLASTER	PLR PLASTER		
CFS CUBIC FEET/SECOND	EW EACH WAY	EW EACH WAY	HK HOOK(S)	PLR PLASTER	PLR PLASTER		
CH CABINET HEATER	EWC ELECTRICAL WATER COOL	EWC ELECTRICAL WATER COOL	HM HOLLOW METAL	PLR PLASTER	PLR PLASTER		
CHD CHALKBOARD	EWF ELECTRIC WALL FAN	EWF ELECTRIC WALL FAN	HR HORIZONTAL	PLR PLASTER	PLR PLASTER		
CI CAST IRON	EXC EXCAVATE	EXC EXCAVATE	HP HORSEPOWER	PLR PLASTER	PLR PLASTER		
CIP CAST-IN PLACE CONCRETE				PLR PLASTER	PLR PLASTER		
CIR CIRCLE				PLR PLASTER	PLR PLASTER		
CJ CONTROL JOINT				PLR PLASTER	PLR PLASTER		
CK CALLING				PLR PLASTER	PLR PLASTER		
CLG CEILING				PLR PLASTER	PLR PLASTER		

DRAWN BY: JH
 CHECKED BY: KEK
 DATE: 10/12/2022
 SCALE: 12" = 1'-0"
 BY: [Signature]
 DESCRIPTION OF REVISION:
 1 11/10/2022 ISSUED FOR BID
 TITLE: A REVOLUTION OF THE LAW FOR ANY PERSON TO MAKE UNAUTHORIZED ALTERATIONS OR MODIFICATIONS TO PLANS
 DESIGN, CALCULATIONS, ENGINEERING, ARCHITECTS OR ARCHITECTS IN TRAINING
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SYMBOLS & ABBREVIATIONS
 PHASE 1A - CAPITAL IMPROVEMENTS
 POCANTICO HILLS CSD
 598 BEDFORD RD., SLEEPY HOLLOW, NY 10581
 PROJECT NO: 3288.004

GRAPHIC KEY - CODE COMPLIANCE

- R.W. RESCUE WINDOW + LABEL U.N.O.
- △ HANDICAP ACCESSIBLE
- F.E.C. FIRE EXTINGUISHER CABINET
- [F.E.C.] NEW FIRE EXTINGUISHER & CABINET
- D.F. DRINKING FOUNTAIN
- 1 HOUR FIRE SEPARATION (ALL CORRIDOR WALLS)
- - - 2 HOUR FIRE SEPARATION
- · · 2 HOUR FIRE WALL
- - - - - PATH OF EGRESS
- EXIT ACCESS TRAVEL DISTANCE. DENOTES THE MAXIMUM DISTANCE TRAVELED TO A BUILDING EXIT OR STAIRWELL ENCLOSURE IN EACH DIRECTION
- ← COMMON PATH OF EGRESS TRAVEL. DENOTES THE TOTAL DISTANCE TRAVELED BETWEEN EXITS
- 26 OCCUPANT LOAD (MAXIMUM ALLOWABLE OCCUPANT LOAD) ACTUAL OCCUPANCY BASED ON HOME ROOM & STAFF OCCUPANCY
- Ⓜ EXIT DOOR OCCUPANT CAPACITY
EXIT WIDTH @ 0.2"/OCC. = OCCUPANT CAPACITY
STAIR WIDTH @ 0.3"/OCC. = OCCUPANT CAPACITY
- Ⓜ CORRIDOR OCCUPANT CAPACITY
CORRIDOR WIDTH @ 0.2"/OCC. = OCCUPANT CAPACITY
- EXISTING TO REMAIN: 89,667 SQFT.
- RENOVATIONS AND ALTERATIONS - LEVEL 1: 772 SQFT.
- NEW STRUCTURES: 3,520 SQFT. (MAINTENANCE STORAGE BUILDING)
REF. SHEET C01.2

5 FIRST FLOOR CODE COMPLIANCE PLAN - POOL MECHANICAL ROOM (BUILDING C)
3/64" = 1'-0"

BUILDING A & C INFORMATION

CENTRAL SCHOOL SED #: 66-08-02-04-0-001-039

ORIGINAL BUILDING: 1931
 ADDITIONS: 1954, 1971
 EXISTING CONSTRUCTION TYPE: IB (IN AREAS OF RENOVATION)
 RENOVATION CONSTRUCTION TYPE: IB
 OCCUPANCY CLASSIFICATION: E - EDUCATION
 NUMBER OF STORIES: 4
 NUMBER OF SIDES ACCESSIBLE: 4
 SPRINKLERED: NO

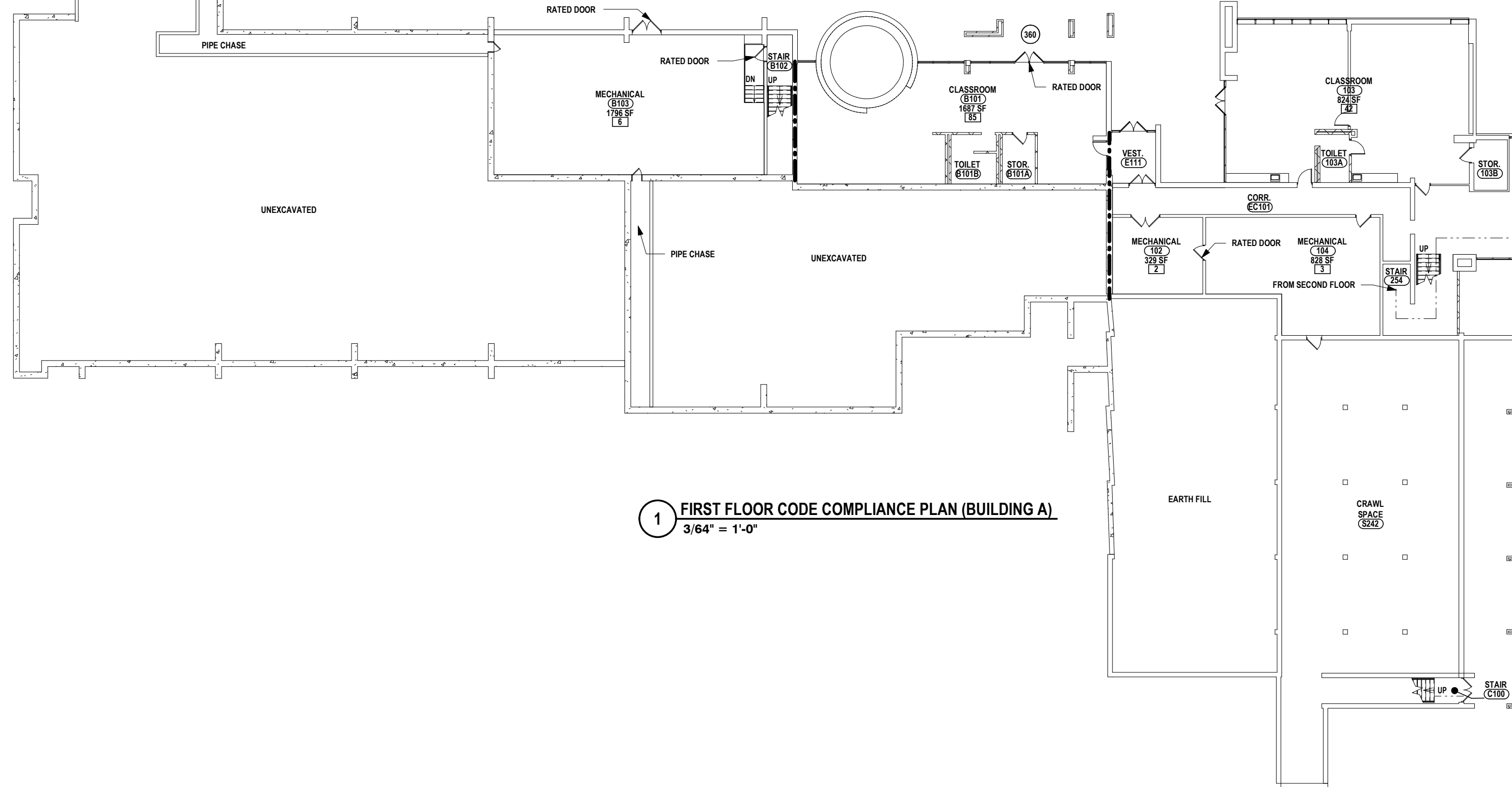
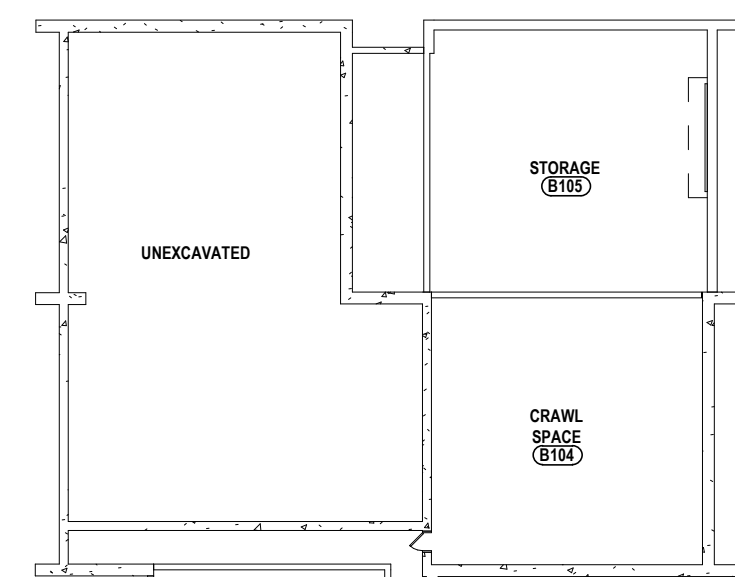
BUILDING AREA
 MAIN BUILDING:
 FIRST FLOOR: 37,886 SQ. FT.
 SECOND FLOOR: 51,927 SQ. FT.
 THIRD FLOOR: 11,302 SQ. FT.
 FOURTH FLOOR: 7,218 SQ. FT.
 POOL MECH. ROOM: 800 SQ. FT.

INCREASE IN BUILDING AREA: N/A
 INCREASE IN FIRE AREA: N/A

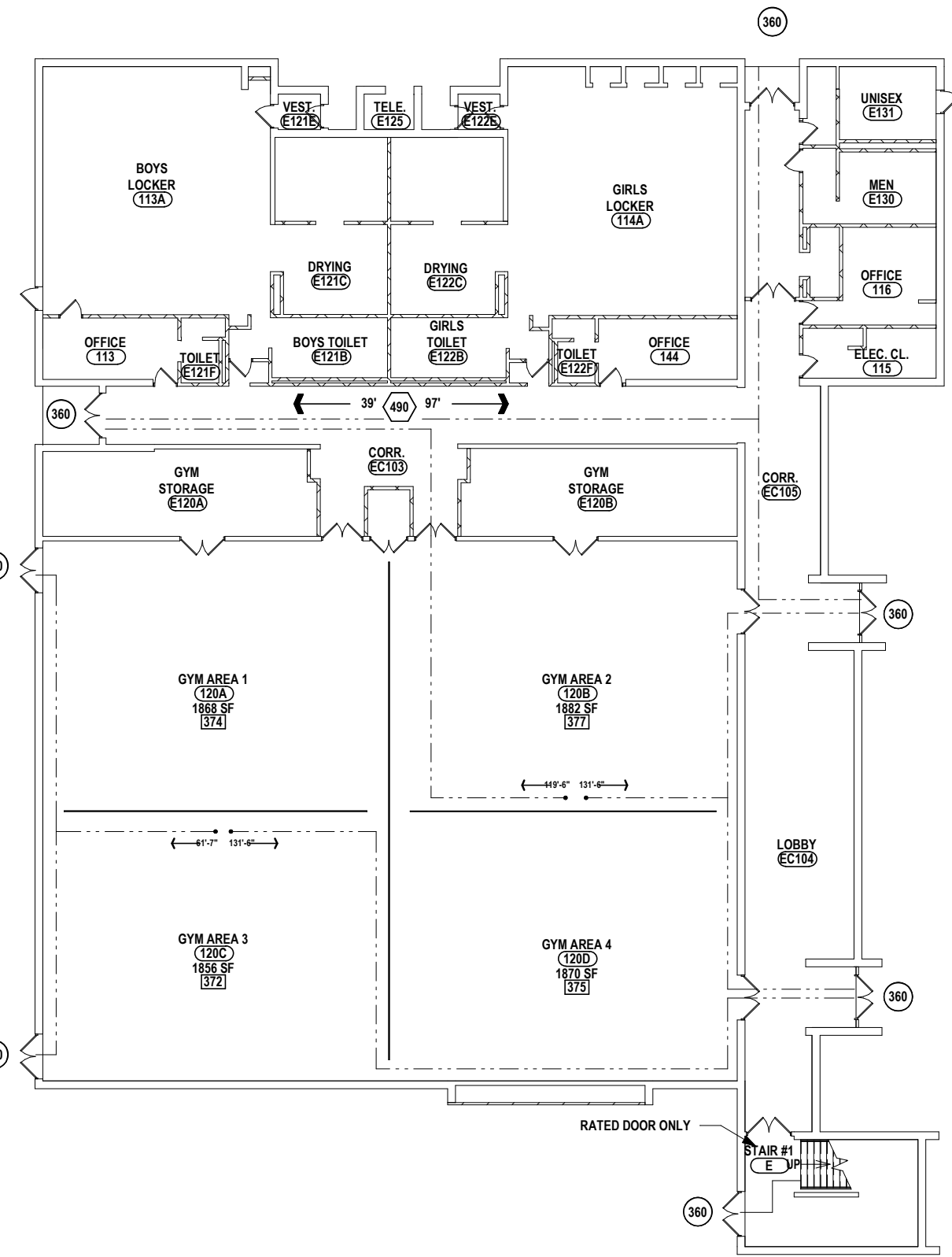
BUILDING FIRE RESISTANCE REQUIREMENTS: (IB CONSTRUCTION)
 PRIMARY STRUCTURAL FRAME: 0 HR. NON-COMBUSTIBLE
 EXTERIOR BEARING WALL: 0 HR. NON-COMBUSTIBLE
 INTERIOR BEARING WALL: 0 HR. NON-COMBUSTIBLE
 EXTERIOR NONBEARING WALLS: 0 HR. NON-COMBUSTIBLE
 INTERIOR NONBEARING WALLS: 0 HR. NON-COMBUSTIBLE
 CORRIDOR PARTITION WALLS: 1 HR.
 FLOOR CONSTRUCTION: 0 HR. NON-COMBUSTIBLE
 ROOF CONSTRUCTION: 0 HR. NON-COMBUSTIBLE

TRAVEL DISTANCE
 MAXIMUM TRAVEL DISTANCE TO AN EXIT:
 FIRST FLOOR - 131.5 FT. (ACTUAL)
 150 FT. (ALLOWED)
 SECOND FLOOR - 167 FT. (ACTUAL)
 120 FT. (ALLOWED)

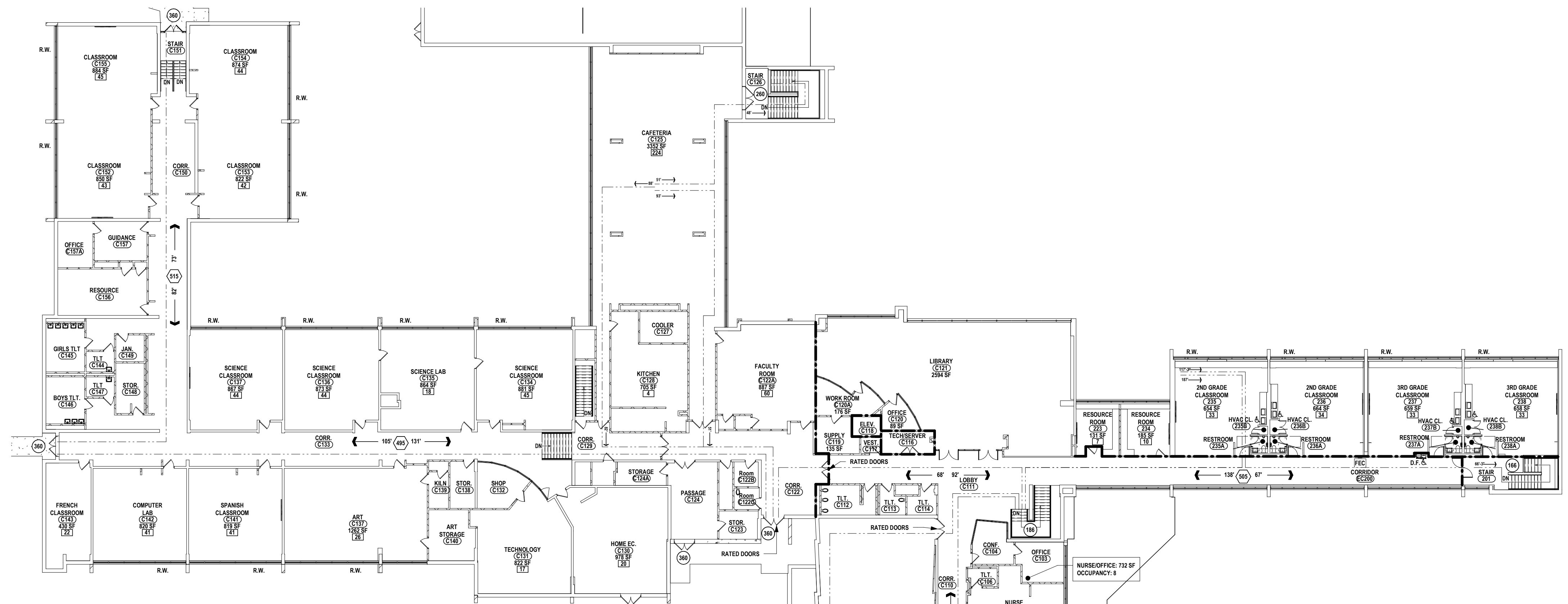
APPLICABLE BUILDING CODES:
 SEE SPECIFICATION SECTION 01 41 13 FOR ALL APPLICABLE BUILDING CODE REFERENCES



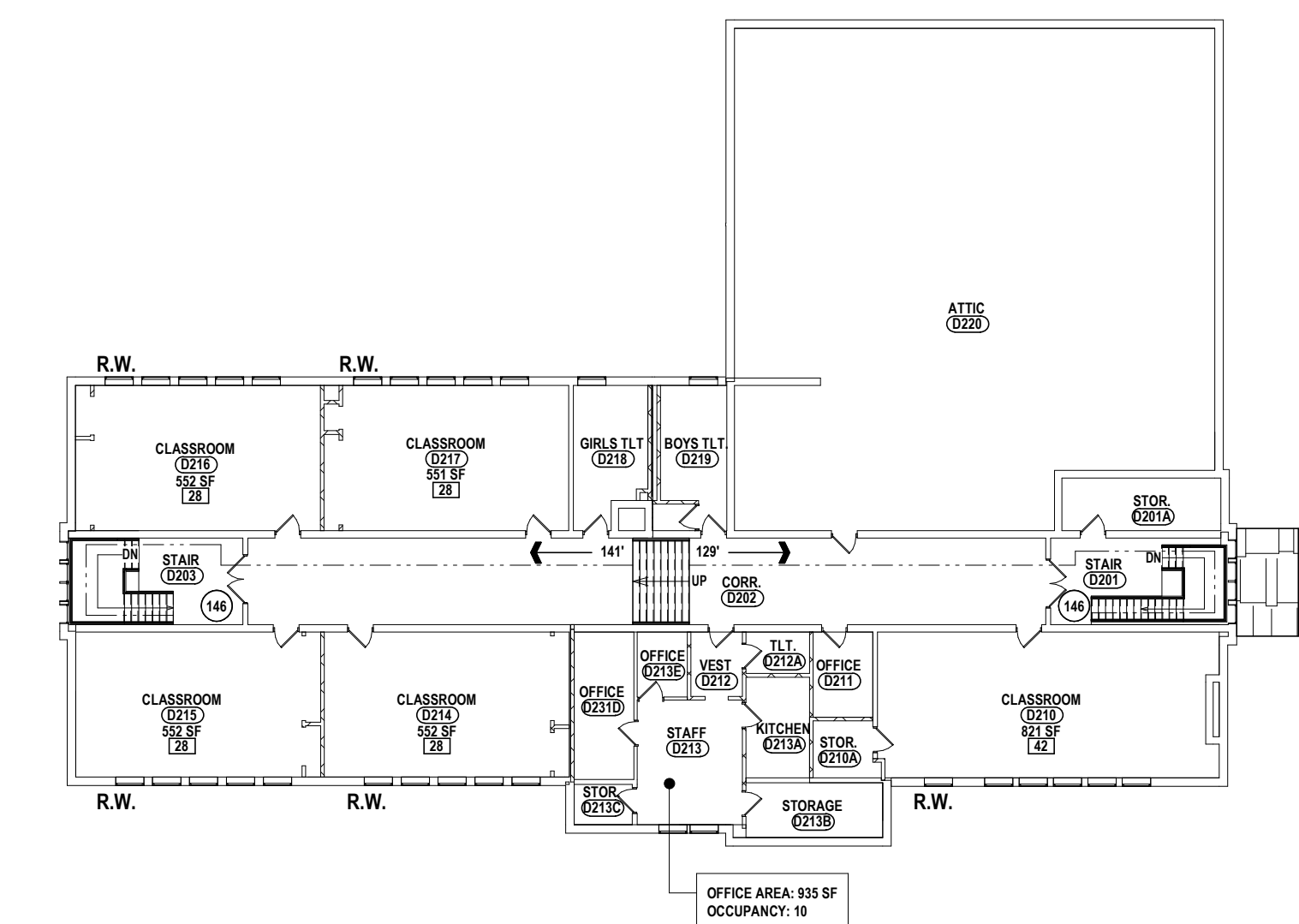
1 FIRST FLOOR CODE COMPLIANCE PLAN (BUILDING A)
3/64" = 1'-0"



2 SECOND FLOOR CODE COMPLIANCE PLAN (BUILDING A)
3/64" = 1'-0"



3 THIRD FLOOR CODE COMPLIANCE PLAN (BUILDING A)
3/64" = 1'-0"



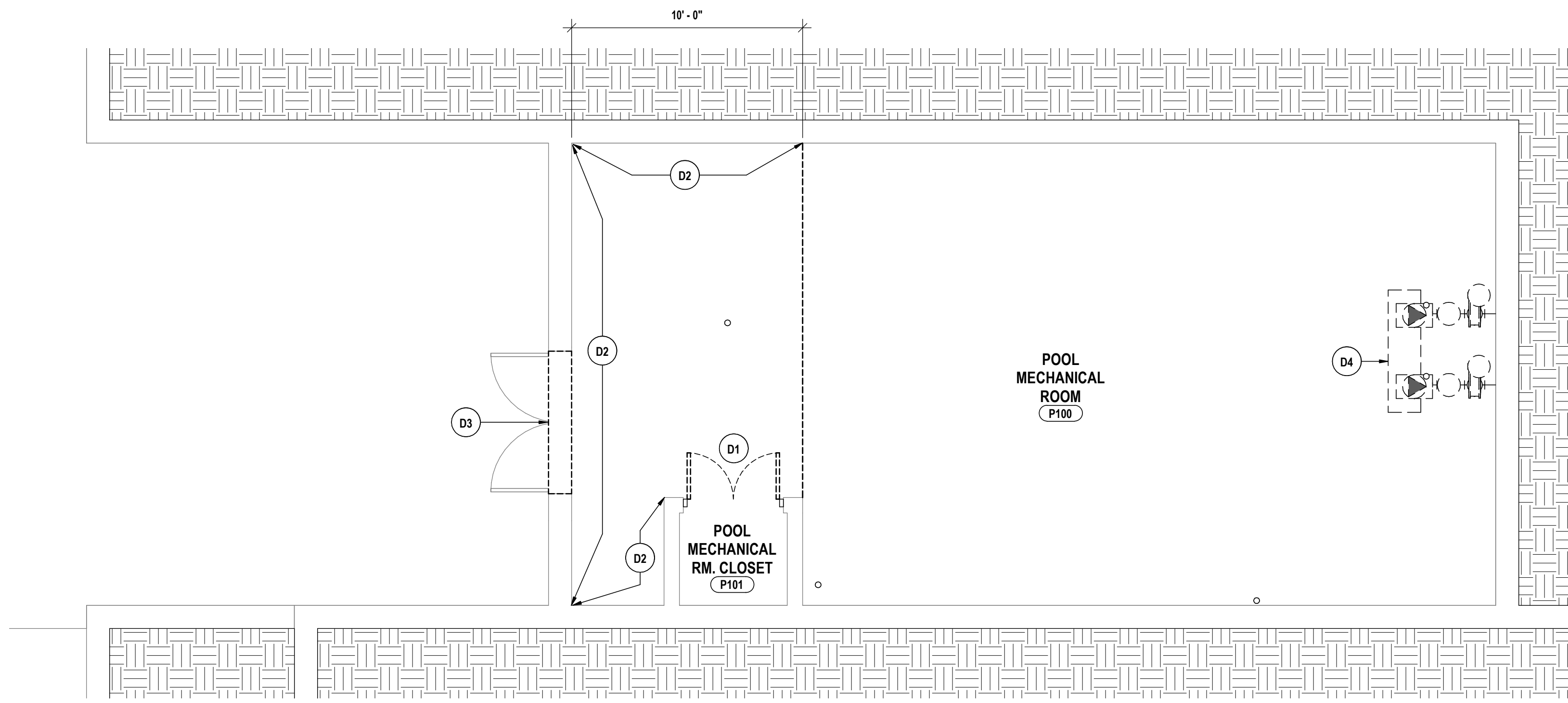
4 FORTH FLOOR CODE COMPLIANCE PLAN (BUILDING A)
3/64" = 1'-0"

DRAWN BY:	JH
CHECKED BY:	KESMMW
DATE:	10/12/2022
SCALE:	As Indicated
BY:	
DESCRIPTION OF REVISION:	
# DATE:	1 11/10/2022
ISSUED FOR BID	

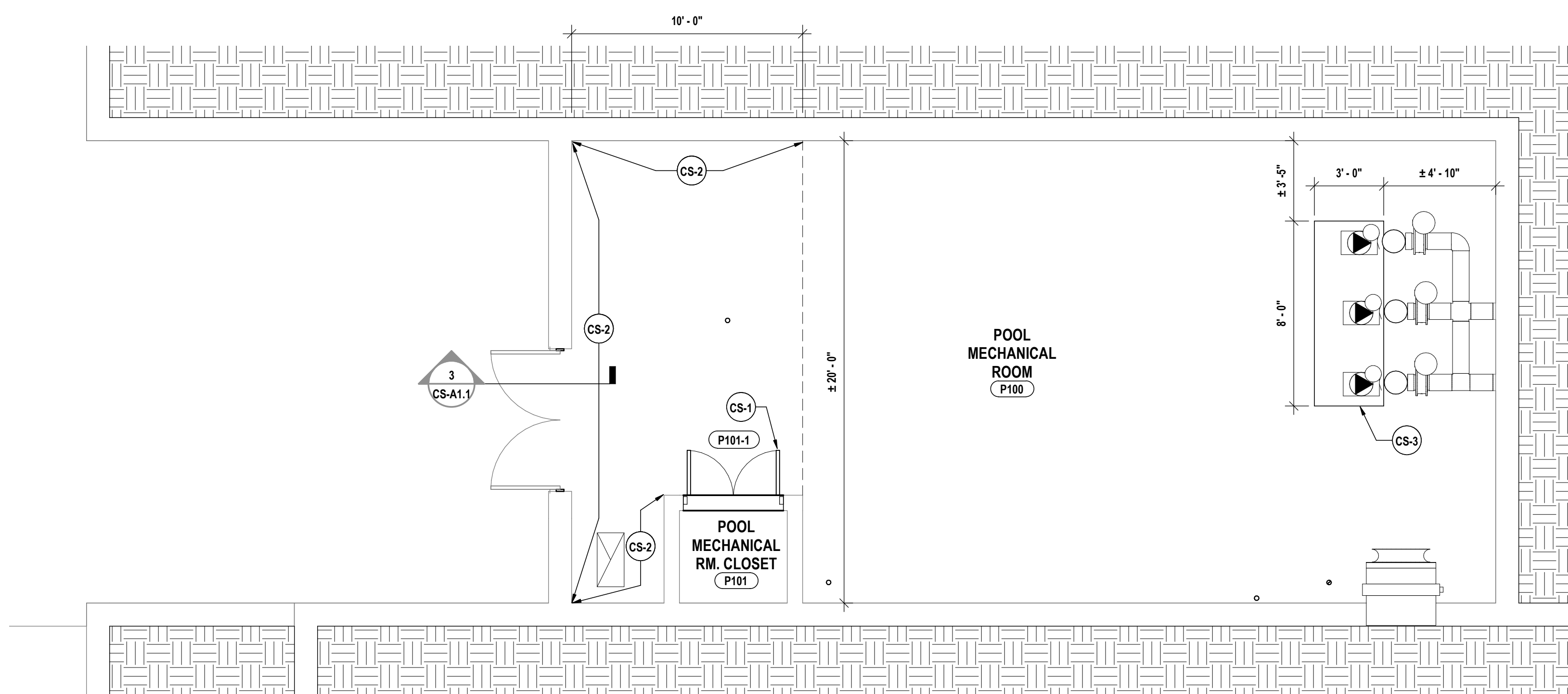
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OVERALL CODE COMPLIANCE PLANS
 PHASE 1A - CAPITAL IMPROVEMENTS
 POCANTICO HILLS CSD
 599 BEDFORD RD, SLEEPY HOLLOW, NY 10581
CS-C01.1
 PROJECT NO: 3288.004

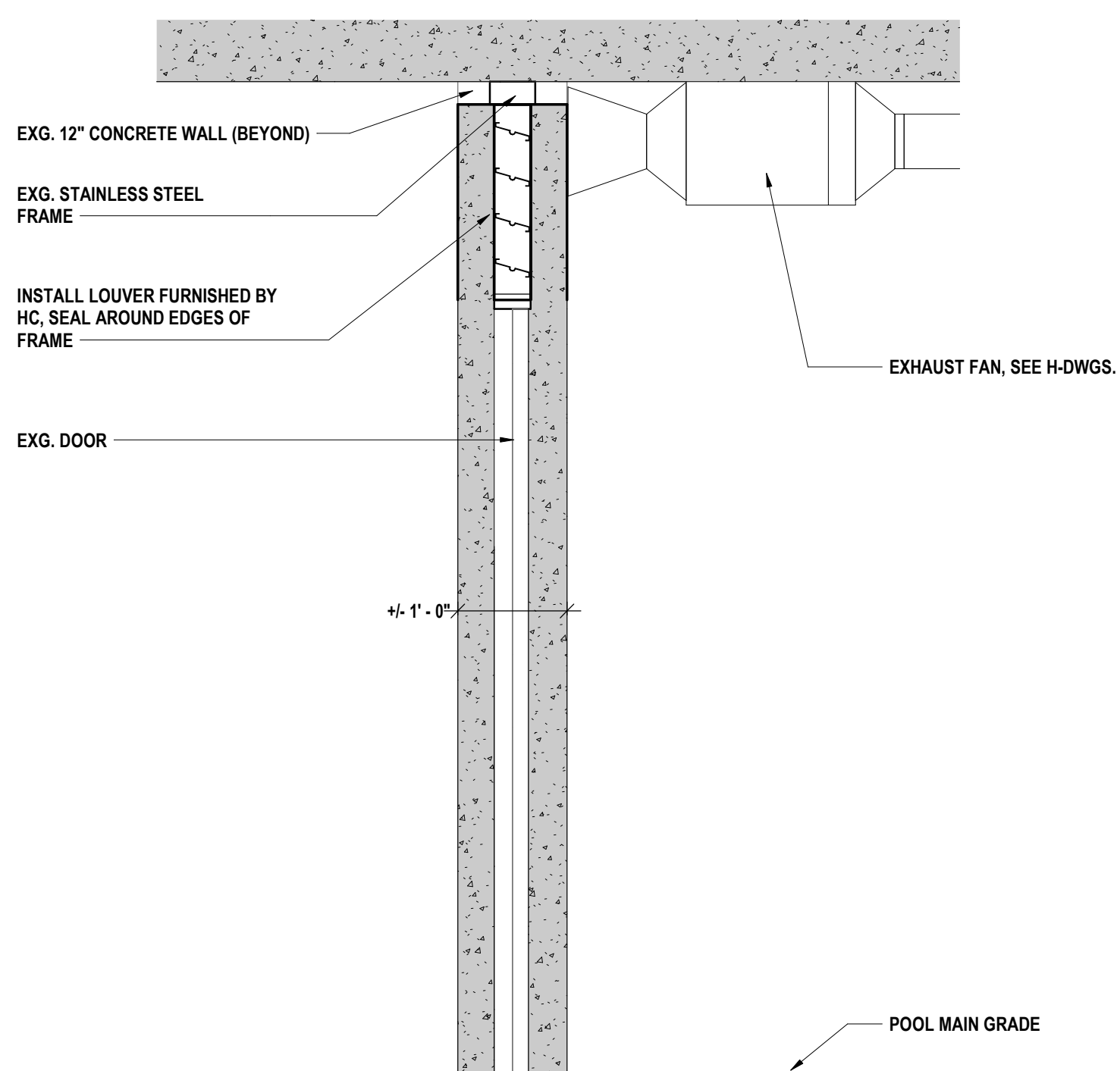
ISSUED FOR BID, CENTRAL SCHOOL SED #: 66-08-02-04-0-001-039, MAINTENANCE STORAGE BUILDING SED #: 66-08-02-04-2-008-001



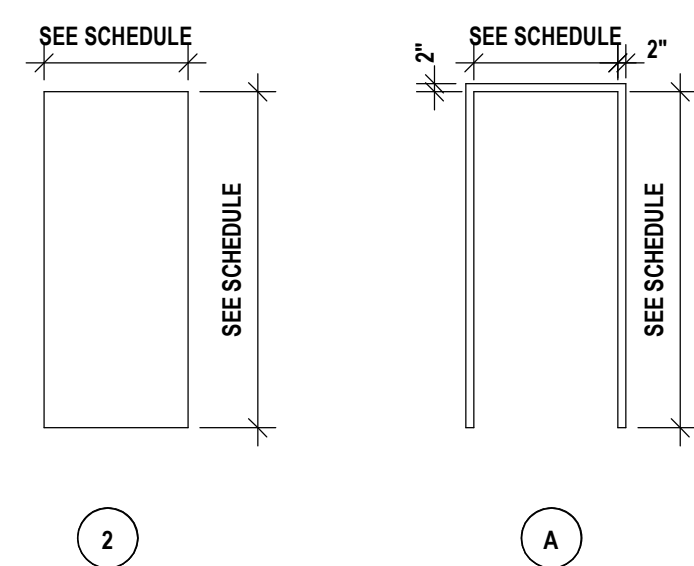
1 DEMOLITION PLAN - POOL MECHANICAL ROOM
1/4" = 1'-0"



2 FLOOR PLAN - POOL MECHANICAL ROOM
1/4" = 1'-0"



3 POOL FILTER RM SOUTH DOOR SECTION
3/4" = 1'-0"



DOOR TYPE FRAME TYPE

DOOR & FRAME ELEVATIONS
1/4" = 1'-0"

#	DOOR					ASSEMBLY LABEL	HDWR SET	FRAME			DETAIL			NOTES
	TYPE	SIZE	THICK.	MATL.	FINISH			TYPE	MATL.	FINISH	HEAD	JAMB	SILL	
P101-1	2	PR @ 2'-0" x 7'-0"	1 3/4"	SS	SS	--	03	A	SS	SS		3/A&.1		

GENERAL DEMO NOTES:

- A NO ASBESTOS CONTAINING MATERIALS HAVE BEEN IDENTIFIED AS PART OF THIS PROJECT. THE OWNER HAS REPORTS IDENTIFYING ACM MATERIALS AND WILL HAVE THESE AVAILABLE FOR CONTRACTORS REFERENCE. IF SUSPECT MATERIAL NOT SCHEDULED IS ENCOUNTERED, STOP WORK IMMEDIATELY, DO NOT DISTURB THE MATERIAL AND NOTIFY THE OWNER'S REPRESENTATIVES.
- B CONTRACTOR TO PROVIDE PROTECTIVE BARRIER AT ALL AREAS OF DEMOLITION. KEEP ALL EXITS FREE AND CLEAR AT ALL TIMES DURING FACILITY OPERATIONS.
- C THE OWNER RESERVES THE RIGHT TO RETAIN ANY REMOVED ITEMS AFTER CONTRACTOR REMOVAL. THE CONTRACTOR SHALL REMOVE FROM THE SITE AND DISPOSE OF ALL REMOVED ITEMS THE OWNER DOES NOT WISH TO RETAIN.
- D CONTRACTOR SHALL PROTECT EXISTING CONSTRUCTION TO REMAIN AS REQUIRED DURING DEMOLITION. PATCH, REPAIR, PAINT OR RE-FINISH EXISTING CONSTRUCTION MATERIALS AND FINISHES DAMAGED DURING DEMOLITION TO THEIR ORIGINAL CONDITION.
- E CONTRACTOR TO COORDINATE THE WORK OF THIS CONTRACT WITH THE WORK OF ALL OTHER CONTRACTED WORK AND WORK PERFORMED BY THE OWNER.
- F DIMENSIONS SHOWN FOR ALL NEW OPENINGS IN EXISTING CONSTRUCTION SHOULD BE COORDINATED WITH THE NEW PLANS AND EXISTING CONDITIONS IN THE FIELD.
- G ITEMS SHOWN ARE INTENDED TO GIVE APPROXIMATE QUANTITY, LOCATION AND TYPE. CONTRACTOR IS RESPONSIBLE FOR VERIFYING ACTUAL QUANTITIES AND EXISTING FIELD CONDITIONS IN ORDER TO COMPLETE THE WORK.
- H COORDINATE ANY WALL/FLOOR REPAIR/FILL THAT IS CAUSED BY THE REMOVAL OF EQUIPMENT BY OTHER PRIME CONTRACTORS AND PREPARE SURFACE TO RECEIVE NEW FINISHES.
- I MAINTAIN EXISTING STRUCTURAL SYSTEMS AT ALL TIMES. PROVIDE TEMPORARY SHORING AND BRACING AT LOCATIONS WHERE THE EXISTING STRUCTURE IS BEING MODIFIED. PROTECT THE EXISTING STRUCTURE SCHEDULED TO REMAIN FROM DAMAGE DURING DEMOLITION. MAINTAIN SHORING AND BRACING UNTIL THE NEW STRUCTURE IS INSTALLED AND READY TO ACCEPT LOADS.
- J GRINDING OF CONCRETE FLOORS AND SUBSTRATES OF DIFFERENT HEIGHTS IN THE SAME AREA IS REQUIRED AT WALL REMOVALS AND NEW DOORS IN EXISTING WALLS TO ALLOW THE NEW FINISHES TO ALIGN BETWEEN ADJACENT ROOMS AND ADJACENT ROOMS THAT BECOME ONE ROOM.
- K ROOM NUMBERS INDICATED ARE EXISTING BUILDING NUMBERS. REFER TO NEW FLOOR PLANS FOR NEW ROOM NUMBERING.

DEMOLITION NOTES:

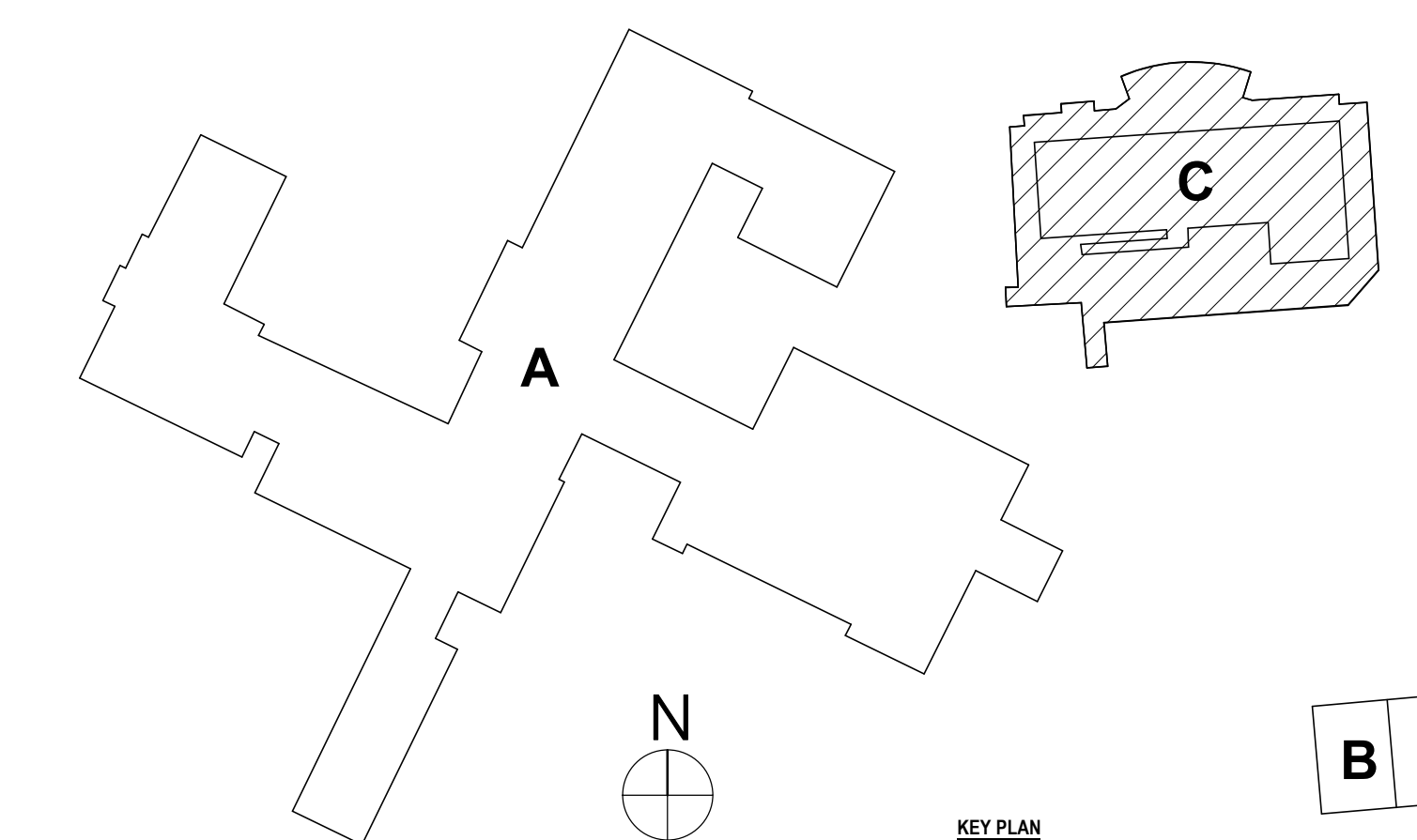
- D1 ALTERNATE 5: REMOVE EXISTING METAL DOORS, FRAME AND HARDWARE IN THEIR ENTIRETY.
- D2 ALTERNATE 5: SCRAPE WALL, CEILING, AND FLOOR. PREP FOR WATERPROOFING AFTER REMOVAL OF EXISTING MECHANICAL AND ELECTRIC EQUIPMENT.
- D3 REMOVE INFILL PANEL ABOVE DOOR. CLEAN, AND/OR LIGHTLY SAND EXISTING FRAME TO REMOVE DEBRIS. PREPARE FRAME TO RECEIVE NEW LOUVER.
- D4 REMOVE CONCRETE PLATFORM UNDER PLUMBING EQUIPMENT. PREPARE AREA TO RECEIVE NEW CONCRETE PLATFORM. SEE NEW WORK PLAN FOR DETAILS.

GENERAL NOTES:

- A THE CONTRACTOR IS RESPONSIBLE FOR ALL WORK REQUIRED TO IMPLEMENT THE WORK OF THE CONTRACT, REGARDLESS OF WHETHER SPECIFICALLY INDICATED OR NOT, UNLESS NOTED OTHERWISE.
- B THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS IN THE FIELD PRIOR TO COMMENCING ANY WORK AND NOTIFY ARCHITECT IMMEDIATELY IF ANY DISCREPANCIES ARE FOUND.
- C THE CONTRACTOR SHALL COORDINATE THE WORK OF THIS CONTRACT WITH THE WORK OF ALL OTHER CONTRACTED WORK AND WORK PERFORMED BY THE OWNER.
- D ALL NEW DOOR FRAMES INSTALLED IN METAL STUD OR MASONRY PARTITIONS SHALL BE MOUNTED 4" FROM ADJACENT WALLS (6" TO DOOR), TOOTH IN CMU BLOCK AND ANCHORS AT DOORS IN EXISTING CMU WALLS, UNLESS NOTED OR DETAILED OTHERWISE.
- E PROVIDE SOLID WOOD BLOCKING OR METAL STRAPPING AS REQUIRED IN METAL STUD WALLS AT ALL WALL MOUNTED EQUIPMENT AND ACCESSORIES INCLUDING FURNITURE FIXTURES AND EQUIPMENT. COORDINATE WITH THE WORK OF ALL OTHER CONTRACTED WORK AND WORK PERFORMED BY THE OWNER.
- F ITEMS SHOWN ARE INTENDED TO GIVE APPROXIMATE QUANTITY, LOCATION AND TYPE. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ACTUAL QUANTITY & EXISTING FIELD CONDITIONS.
- G ALL DIMENSIONS ARE TAKEN FROM FACE OF WALL TO FACE OF WALL, UNLESS NOTED OTHERWISE.
- H THERE SHALL BE A MINIMUM OF 1'-0" CLEAR FLOOR SPACE ON THE PULL SIDE OF ALL NEW DOORS; THERE SHALL BE A MINIMUM OF 1'-0" CLEAR FLOOR SPACE ON THE PUSH SIDE OF ALL NEW DOORS.
- I THE WHEELCHAIR SYMBOL INDICATES HANDICAP ACCESSIBLE MOUNTED FIXTURE ELEVATION AND SHALL CONFORM WITH CABO/ANSI A117.1 AND ADAAG.
- J ALL FINISHED ASSEMBLIES ARE REQUIRED TO BE PROTECTED DURING THE COURSE OF CONSTRUCTION. ALL FINISHED ASSEMBLIES DAMAGED DURING THE COURSE OF CONSTRUCTION ARE REQUIRED TO BE REPLACED OR REPAIRED AT THE ARCHITECT'S DIRECTION.

PLAN DRAWING NOTES - CENTRAL SCHOOL:

- CS-1 ALTERNATE 5: PROVIDE NEW METAL DOORS, FRAME, AND HARDWARE. SEE DOOR SCHED. FOR MORE INFO
- CS-2 ALTERNATE 5: PROVIDE NEW CRYSTALLINE WATERPROOFING ON WALLS, FLOOR, AND CEILING BEFORE INSTALLATION OF NEW MECHANICAL AND ELECTRICAL EQUIPMENT.
- CS-3 PROVIDE CONCRETE PLATFORM. HEIGHT TO MATCH PREVIOUS CONCRETE PLATFORM. SEE S-DWGS FOR DETAILS. COORDINATE WITH PLUMBING CONTRACTOR FOR EXACT LOCATION.



ISSUED FOR BID, CENTRAL SCHOOL, SEP # 1648-02-044-001-033, MAINTENANCE STORAGE BUILDING, SEP # 1648-02-044-008-001

DEMOLITION & NEW FLOOR PLANS
PHASE 1A - CAPITAL IMPROVEMENTS
POCANTICO HILLS CSD
598 BEDFORD RD, SLEEPY HOLLOW, NY 10581

CS-A1.1

PROJECT NO: 3288.004

DRAWN BY: JH
 CHECKED BY: KESIMWJ
 DATE: 10/12/2022
 SCALE: As indicated
 BY:
 DESCRIPTION OF REVISION:
 1 11/16/2022
 ISSUED FOR BID
 IT IS A VIOLATION OF THE LAW FOR ANY PERSON TO MAKE UNAUTHORIZED ALTERATIONS OR ADDITIONS TO PLANS DRAWN BY A LICENSED ENGINEER, ARCHITECT OR SURVEYOR.

HUNT ENGINEERS | ARCHITECTS | SURVEYORS
 HORSEHEADS, NY 607-358-1000
 ROCHESTER, NY 585-327-7849
 TOWANDA, PA 870-265-6868

GENERAL NOTES - PLUMBING

- A ALL WORK ON THIS DRAWING IS THE RESPONSIBILITY OF THE PLUMBING CONTRACTOR UNLESS CLEARLY INDICATED TO BE PART OF ANOTHER CONTRACT.
- B THESE DRAWINGS ARE INTENDED TO SHOW THE GENERAL SCOPE OF ITEMS TO BE REMOVED. IT IS NOT INTENDED TO BE ALL INCLUSIVE. THE CONTRACTOR SHALL FIELD VERIFY ALL ITEMS TO BE REMOVED. ANY ITEM IN QUESTION SHOULD BE VERIFIED WITH ENGINEER PRIOR TO REMOVAL.
- C ALL ITEMS SCHEDULED FOR DEMOLITION ARE THE PROPERTY OF THE OWNER. THE CONTRACTOR SHALL PLACE WANTED EQUIPMENT IN AREA DESIGNATED ON SITE BY OWNER. ANY ITEM THE OWNER WISHES NOT TO KEEP SHALL BE PROPERLY DISPOSED OF BY THE CONTRACTOR.
- D THE CONTRACTOR SHALL REMOVE, PROTECT, REPLACE AND/OR REINSTALL ANY CEILING OR GRID DAMAGED OR REMOVED AS A RESULT OF EXECUTION OF CONTRACT SCOPE. UNLESS OTHERWISE INDICATED TO BE PART OF ANOTHER PRIME CONTRACT.
- E THE PLUMBING CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS (FRAMING, ELECTRICAL, PLUMBING, HVAC, ETC) PRIOR TO CONSTRUCTION AND INSTALLATION OF NEW WORK. NOTIFY ARCHITECT/ENGINEER OF ANY CONFLICTS THAT REQUIRE MODIFICATION TO NEW PLUMBING SYSTEM INSTALLATION.
- F THE CONTRACTOR IS TO REINSULATE ALL PORTIONS OF EXISTING PLUMBING SYSTEM DISTURBED DURING EXECUTION OF CONTRACT SCOPE.
- G THE PLUMBING CONTRACTOR WILL BE RESPONSIBLE FOR ALL NEW FLOOR OPENINGS, EXCAVATIONS OF EXISTING SUBSTRATES AND WALL PENETRATIONS TO INSTALL NEW PIPING. UNLESS OTHERWISE NOTED, ALL PIPE PENETRATIONS THROUGH WALLS AND FLOORS WILL BE SEALED WITH FIRE-STOPPING.
- H UNLESS NOTED OTHERWISE THE PLUMBING CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ALL PIPING WITHIN 5 FEET FROM BUILDING. COORDINATE CONNECTIONS.
- I THE PLUMBING CONTRACTOR WILL BE RESPONSIBLE FOR PATCHING AND SEALING OF ALL DISTURBED SUBSTRATE, WALLS AND CEILING TO EXISTING FINISHES UNLESS OTHERWISE NOTED.
- J THE PLUMBING CONTRACTOR TO COORDINATE ALL NEW ROOF, WALL & FLOOR PENETRATIONS.
- K INVERT DIMENSION IS TO BOTTOM OF PIPE.
- L ALL PIPING TO BE ROUTED AS HIGH AND AS TIGHT TO STEEL STRUCTURE AS POSSIBLE.
- M THE CONTRACTOR WILL BE RESPONSIBLE FOR FINAL CONNECTION OF PLUMBING UTILITIES TO ALL EQUIPMENT REQUIRING SAID UTILITIES, INCLUDING THOSE PROVIDED BY OTHERS. COORDINATE AS REQUIRED.
- N THE CONTRACTOR IS TO PROVIDE ADA COMPLIANT VINYL PIPE COVER ON EXPOSED COLD WATER, HOT WATER AND SANITARY PIPING BELOW ADA LAVATORY/SINK. SANITARY PIPE COVER SHALL BE INSTALLED UP TO BOTTOM OF FIXTURE.
- O REFER TO ARCH DRAWINGS FOR INDICATION OF ADA FIXTURES & ACCESSORIES, & ASSOCIATED MOUNTING HEIGHTS.

DEMOLITION NOTES - PLUMBING

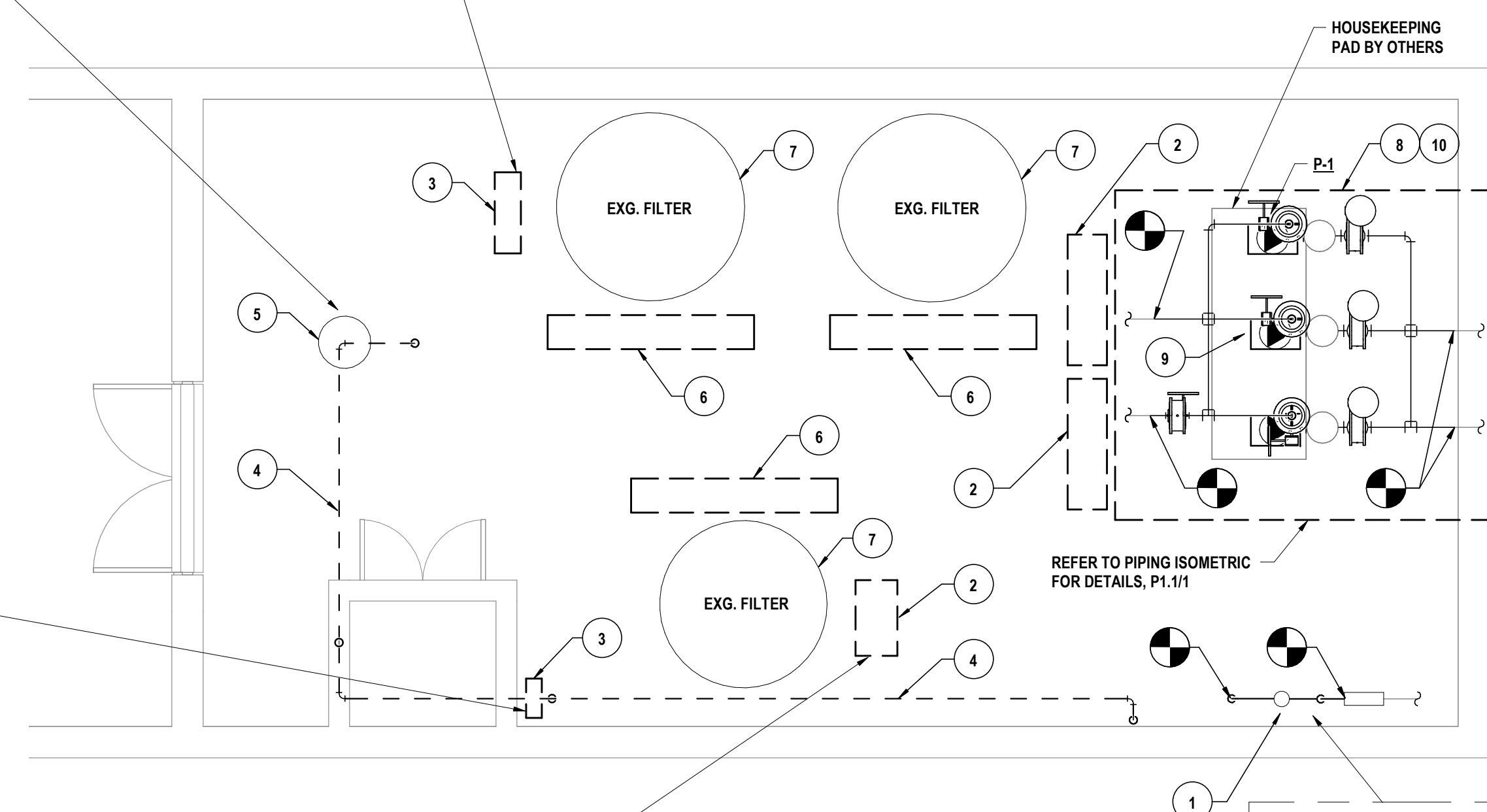
- D1 DISCONNECT AND REMOVE CORRODED STRUT CHANNEL AND FASTENERS. PREPARE FOR CONNECTION OF NEW. COORDINATE WITH ELECTRICAL CONTRACTOR.
- D2 DISCONNECT AND REMOVE CORRODED VENT PIPING IN ITS ENTIRETY. PREPARE FOR NEW.
- D3 DISCONNECT AND REMOVE EXISTING VALVE. PREPARE FOR CONNECTION OF NEW. COORDINATE WITH ELECTRICAL CONTRACTOR.
- D4 EXISTING FASTENERS TO BE REPLACED, REFER TO P1.2/3 FOR DETAILS.
- D5 DISCONNECT AND REMOVE DOMESTIC WATER PIPING, ISOLATION VALVES, & PIPE SUPPORTS BACK TO POINTS INDICATED.
- D6 DISCONNECT, RETAIN, AND PROTECT PUMPS AND FILTER FOR REINSTALLATION. DISCONNECT AND REMOVE VALVES AND PIPING BACK TO POINT INDICATED.
- D7 REMOVE EXISTING HOUSE KEEPING PAD IN ITS ENTIRETY. PREPARE FOR INSTALLATION OF NEW.

CONSTRUCTION NOTES - PLUMBING

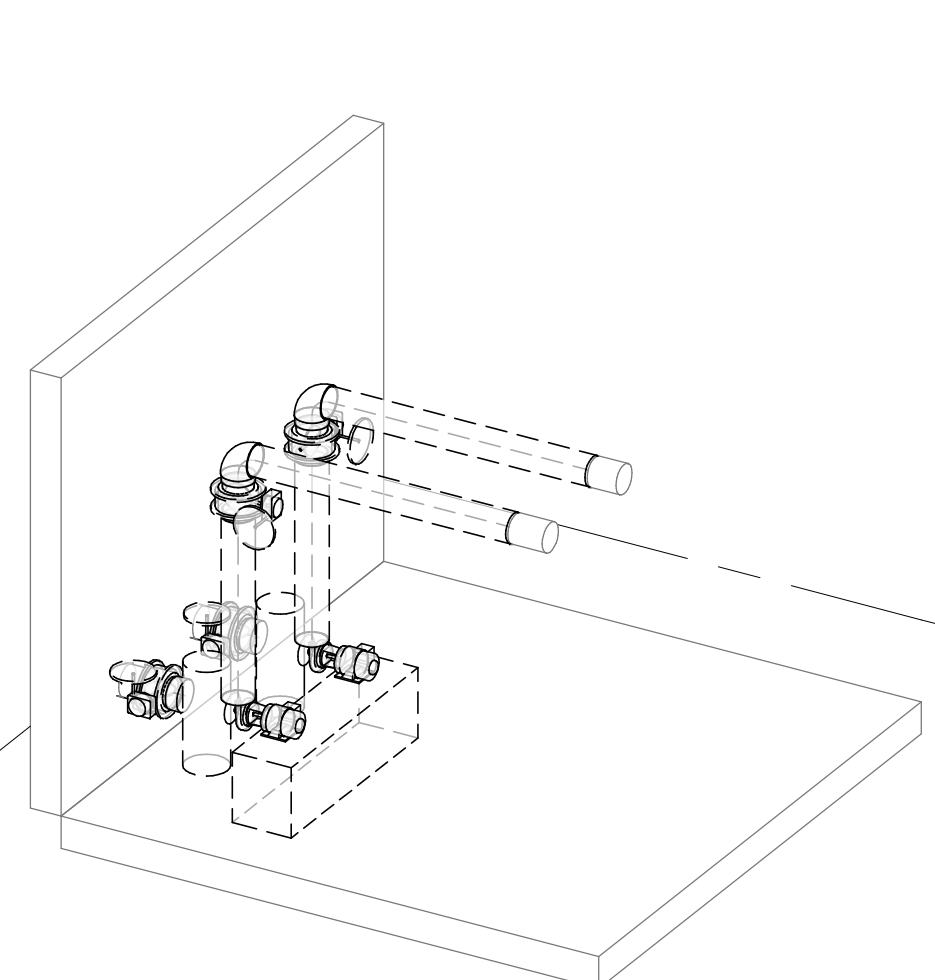
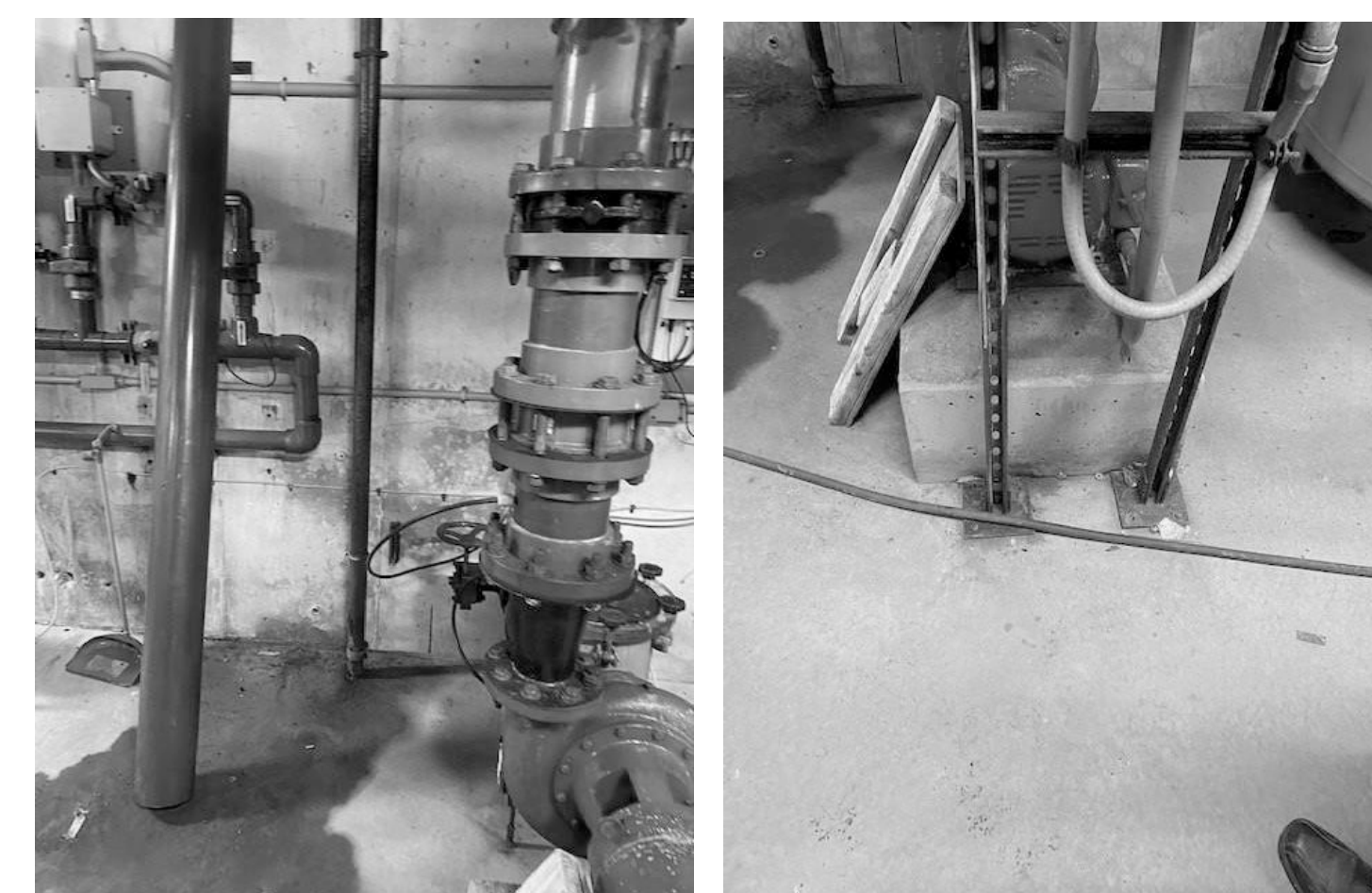
- 1 PROVIDE NEW DOMESTIC WATER PIPING, ISOLATION VALVES, & PIPE SUPPORTS BETWEEN EXISTING INCOMING DOMESTIC WATER AND EXISTING RPZ ALL SIZED TO MATCH EXISTING. EXISTING WATER METER TO BE RE-USED.
- 2 PROVIDE NEW STRUT CHANNEL AND FASTENERS TO MATCH EXISTING. COORDINATE WITH ELECTRICAL CONTRACTOR. PROVIDE NEW FASTENERS ON ALL FLANGES ASSOCIATED WITH PUMP. QTY (50) FASTENERS SIZED TO MATCH EXISTING.
- 3 PROVIDE NEW ELECTRONICALLY ACTUATED VALVE SIZED TO MATCH EXISTING. COORDINATE WITH ELECTRICAL CONTRACTOR.
- 4 PROVIDE NEW PVC VENT PIPING IN SAME LOCATION & SIZE AS DEMOED VENT.
- 5 SEWER MANHOLE COVER TO BE CLEANED AND RE-COATED.
- 6 PROVIDE NEW FASTENERS ON ALL FLANGES ASSOCIATED WITH THE FILTER INFLUENT AND EFFLUENT ASSEMBLY, QTY, NINE (9) FLANGES, QTY EIGHT (8) FASTENERS PER FLANGE, TYP. 3
- 7 PROVIDE NEW FILTER MEDIA FOR EXISTING SAND FILTER.
- 8 PROVIDE NEW FASTENERS ON ALL FLANGES ASSOCIATED WITH EACH PUMP. QTY (120) FASTENERS SIZED TO MATCH EXISTING.
- 9 PROVIDE NEW HOUSE KEEPING FOR THREE (3) PUMPS, TWO (2) EXISTING AND ONE (1) NEW.
- 10 REINSTALL EXISTING PUMPS & FILTERS AS SHOWN, ALL NEW PIPING, FITTINGS, AND VALVES SHALL BE SIZED TO MATCH EXISTING.

PUMP SCHEDULE									
UNIT NO.	LOCATION	GPM	HEAD FEET	RPM	MOTOR HP	ELECTRIC		MAKE & MODEL NO.	NOTES
						VOLTS	PHASE		
P-1	POOL FILTER ROOM	1300	60	1750	30	480	3	GRUNDFOS LC 60951	1

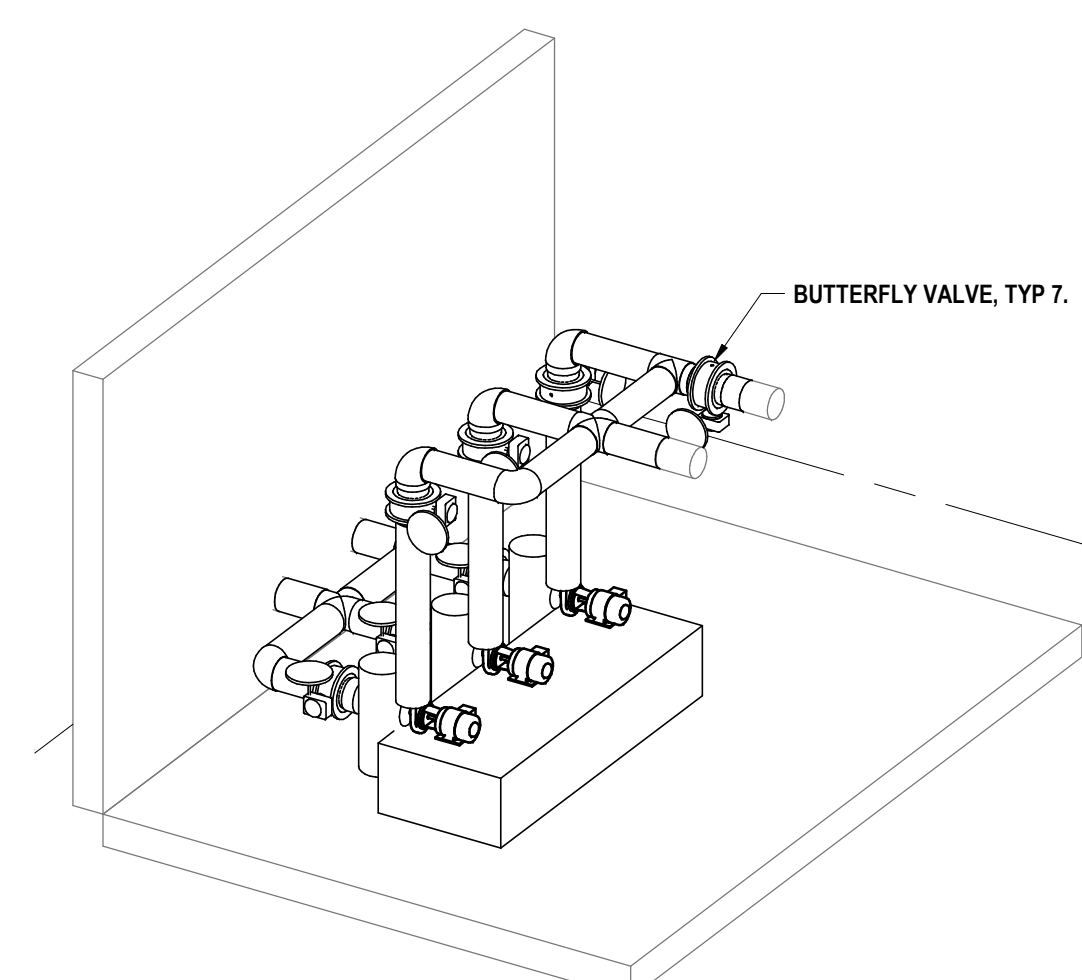
NOTES 1. PUMP MUST BE SUITABLE FOR CHLORINE SERVICE.



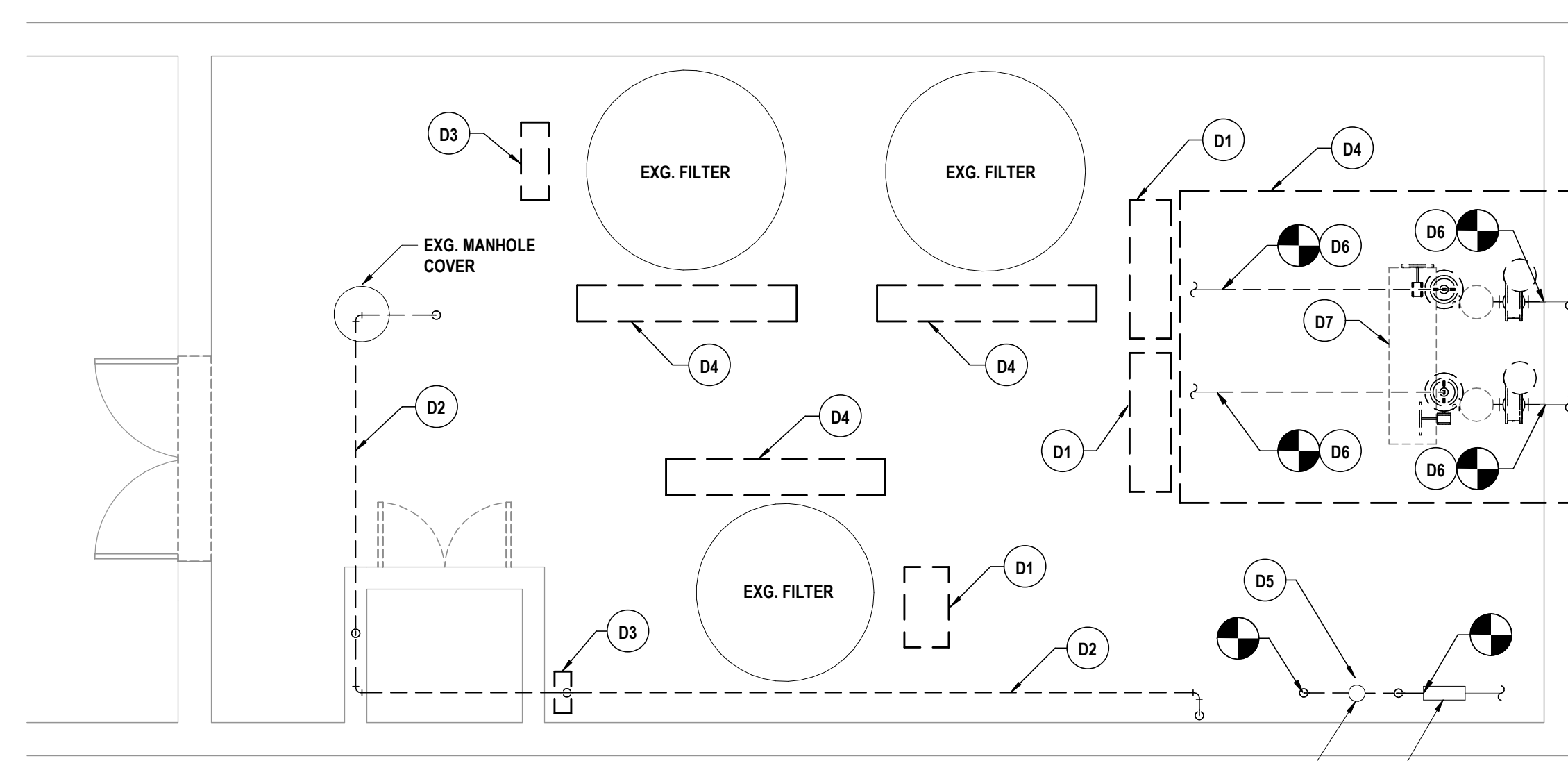
4 POOL FILTER RM. PLUMBING PLAN
1/4" = 1'-0"



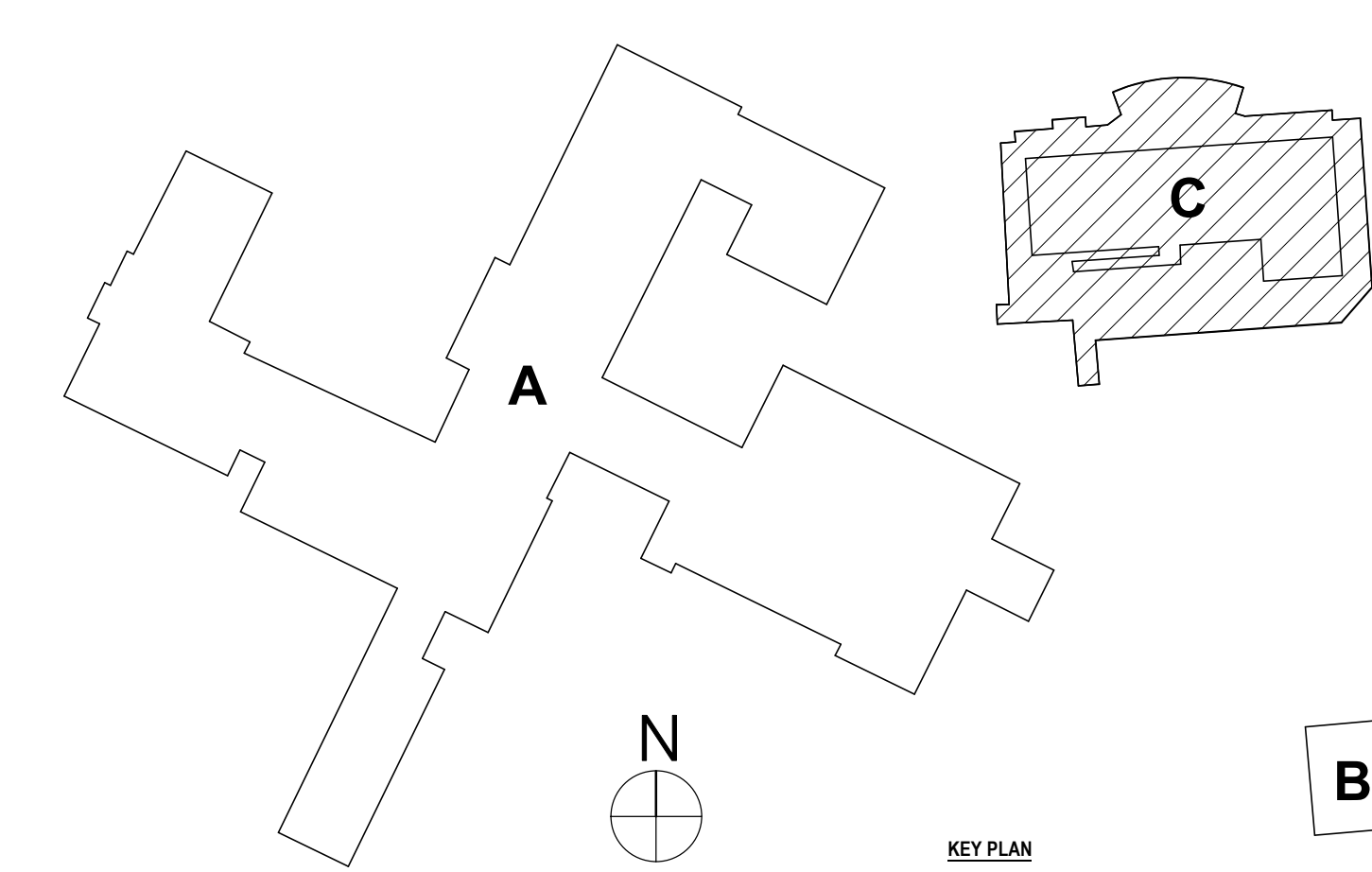
3 PIPING ISOMETRIC DETAIL - DEMO



2 PIPING ISOMETRIC DETAIL



1 POOL FILTER RM. PLUMBING DEMO PLAN
1/4" = 1'-0"



KEY PLAN

ISSUED FOR BID: CENTRAL SCHOOL SED # 1648-02-044-001-003, MAINTENANCE STORAGE BUILDING SED # 1648-02-044-008-001

POOL PLUMBING PLAN
PHASE 1A - CAPITAL IMPROVEMENTS
POCANTICO HILLS CSD
598 BEDFORD RD, SLEEPY HOLLOW, NY 10581

CS-P1.1
PROJECT NO: 3288.004

HUNT ENGINEERS | ARCHITECTS | SURVEYORS
HORSEHEADS, NY 607 - 358 - 1000 ROCHESTER, NY 585 - 327 - 7949 TOWANDA, PA 570 - 265 - 6868

DATE: 1/11/2022
DESCRIPTION OF REVISION:
ISSUED FOR BID

BY:

CHECKED BY: JDC
DATE: 10/12/2022
SCALE: 1/4" = 1'-0"

DRAWN BY: MAC

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DRAWING, CALCULATIONS, ENGINEERING, ARCHITECTURE OR SURVEYING. Copyright 2022

GENERAL NOTES - ELECTRICAL

- A CONTRACTOR IS RESPONSIBLE FOR ALL WORK ON THIS DRAWING UNLESS CLEARLY INDICATED TO BE PART OF ANOTHER PRIME CONTRACT.
- B CONTRACTOR SHALL VERIFY EXISTING CONDITIONS PRIOR TO CONSTRUCTION AND INSTALLATION AND NOTIFY ENGINEER/ARCHITECT OF CONFLICTS AND CONDITIONS WHICH INTERFERE WITH INSTALLATION AS SET FORTH IN CONTRACT DOCUMENTS.
- C CONTRACTOR IS RESPONSIBLE FOR ALL NEW WALL OPENINGS, EXCAVATIONS, AND PENETRATIONS, UNLESS SPECIFICALLY NOTED. UPON COMPLETION, ALL PENETRATIONS TO BE SEALED TO MAINTAIN FIRE RATING AS SPECIFIED ON ARCHITECTURAL DRAWINGS.
- D CONTRACTOR IS RESPONSIBLE FOR ALL CUTTING AND PATCHING UNLESS CLEARLY INDICATED AS PART OF ANOTHER PRIME CONTRACT.
- E MINIMUM CONDUIT SIZE USED ON THIS PROJECT SHALL BE 3/4" UNLESS OTHERWISE NOTED.
- F MINIMUM WIRE SIZE USED ON THIS PROJECT SHALL BE #12 THHN/THWN UNLESS OTHERWISE NOTED.
- G ALL CABLING INSTALLATIONS AND TERMINATIONS TO ADHERE TO CURRENT NEC CODES AND RELATED ANS/IEEE STANDARDS.
- H DURING DEMOLITION OF EXISTING CABLING, ANY DAMAGE TO FUNCTIONING CABLING SYSTEM IS THE RESPONSIBILITY OF AND WILL BE REPAIRED BY THE CONTRACTOR.
- I CONTRACTOR SHALL BE AWARE OF THE PRESENCE OF EXISTING ASBESTOS CONTAINING MATERIAL SCHEDULED TO REMAIN IN PLACE WITHIN THE PROJECT SCOPE. ANY WORK REQUIRED THAT HAS THE POTENTIAL TO DISTURB HAZARDOUS MATERIALS SHALL BE COORDINATED DIRECTLY WITH THE OWNER.
- J ALL ELECTRICAL DEVICES, MATERIALS, AND PACKAGED EQUIPMENT SHALL BE LISTED AND LABELED BY UNDERWRITERS LABORATORIES INC. (UL).
- K NEW CIRCUIT BREAKER(S) THAT ARE TO BE ADDED TO EXISTING PANELBOARD(S) SHALL BE LISTED/LABELED FOR USE WITH THE EXISTING PANELBOARD(S).
- L THE SHORT-CIRCUIT RATINGS OF ALL PROTECTIVE DEVICES SHALL BE EQUAL TO OR EXCEED THE AVAILABLE SHORT-CIRCUIT CURRENT.
- M ALL WORK TO CONFORM TO CURRENT NEC AND ALL APPLICABLE CODES.
- N CONTRACTOR TO NOTIFY ELECTRICAL ENGINEER FOR INSPECTION OF ALL INSTALLATIONS BEFORE BEING BURIED OR COVERED.
- O ALL ELECTRICAL DEVICES AND EQUIPMENT SCHEDULED FOR REMOVAL ARE CONSIDERED PROPERTY OF THE OWNER. ELECTRICAL DEVICES AND EQUIPMENT SHALL BE PLACED IN AN AREA DESIGNATED BY THE OWNER. ANY DEVICE OR EQUIPMENT THE OWNER WISHES NOT TO KEEP SHALL BE DISPOSED OF BY THE CONTRACTOR.
- P CONTRACTOR IS RESPONSIBLE FOR DISCONNECTING POWER TO ANY EQUIPMENT SCHEDULED TO BE REMOVED OR REPLACED. COORDINATE WORK WITH OTHER PRIME CONTRACTORS AND DRAWINGS.
- Q CONTRACTOR IS RESPONSIBLE FOR PROVIDING POWER TO ANY EQUIPMENT SCHEDULED TO BE NEWLY INSTALLED. COORDINATE WORK WITH OTHER PRIME CONTRACTORS AND DRAWINGS.
- R CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL CONDUIT LOCATIONS IN FIREWALLS. A MAXIMUM OF ONE PIECE OF CONDUIT IS ALLOWED IN A NON-REINFORCED CORE. NO CONDUIT SHALL BE PLACED IN A VERTICALLY REINFORCED CORE IN A FIREWALL.
- S ALL NEW ELECTRICAL DEVICES SUCH AS, BUT NOT LIMITED TO, FIRE ALARM DEVICES, SMOKE DETECTORS, LIGHT FIXTURES, EXIT SIGNS, OCCUPANCY/VACANCY SENSORS, AND NON-KEYED SWITCHES ARE REQUIRED TO HAVE IMPACT PROTECTION THROUGH MEANS OF IMPACT RESISTANT COVERS, OR WIRE GUARDS IN LOCKER ROOMS, GYMNASIUMS, WEIGHT ROOMS, FITNESS CENTERS, WRESTLING ROOMS, AND CAFETERIAS.

DEMOLITION NOTES - ELECTRICAL

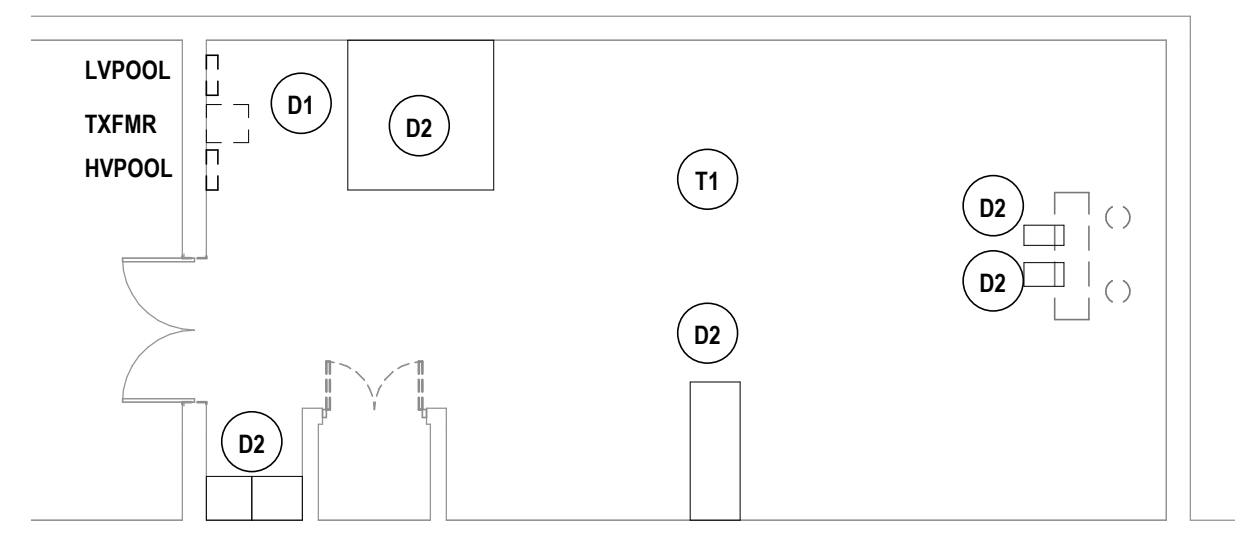
- D1 DISCONNECT AND REMOVE EXISTING PANELS HVPOOL AND LVPOOL WITH ASSOCIATED TRANSFORMER. MAINTAIN EXISTING HOMERUN CIRCUITRY NOT CALLED OFF TO BE REMOVED IN NOTE D2. SECURE EXISTING FEEDERS FROM MAIN BUILDING.
- D2 REMOVE EXISTING COMBO STARTERS/DISCONNECTS FROM UNITS. REMOVE ALL CONDUIT AND WIRE BACK TO PANEL.

CONSTRUCTION NOTES - POWER

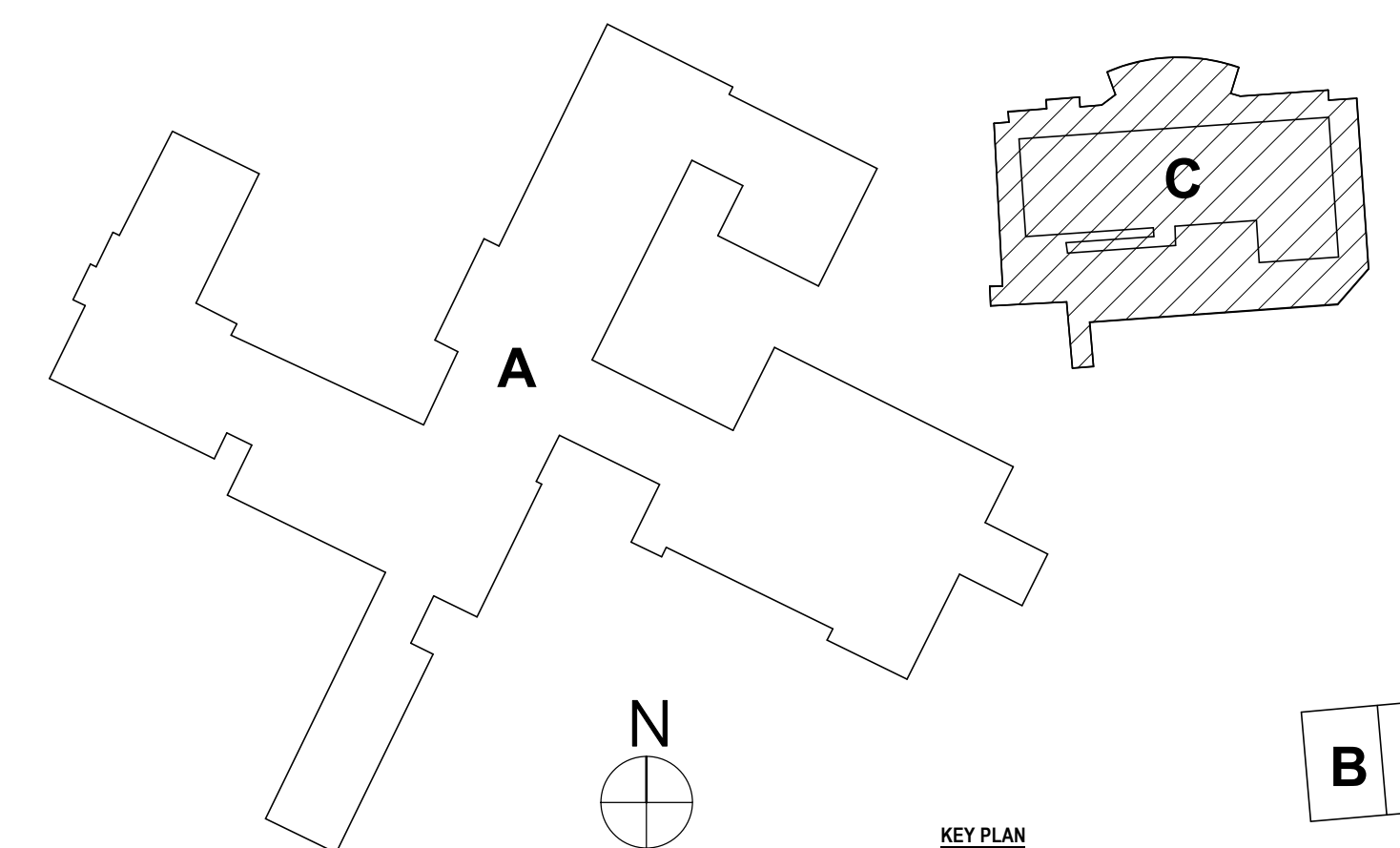
- P1 NOT USED.
- P2 FROM PANEL HVPOOL, PROVIDE NEW FEED WITH NEW ALUMINUM CONDUIT TO EQUIPMENT LOCATION 388, 1#10G, 1" C. PROVIDE NEW COMBO STARTER
- P3 PROVIDE NEW NEMA 3R OUTDOOR RATED PANELS & TRANSFORMER. EXTEND EXISTING CIRCUITRY TO BE MAINTAINED BACK TO PANEL. PROVIDE TROUGH BELOW PANELS FOR FEEDING BACK INTO BUILDING. HVPOOL TO BE 225MCCB 48 SPACE WITH 8 3P BREAKERS. TRANSFORMER TO BE 45KVA NEMA 3R. PANEL LVPOOL TO BE 100A 30 SPACE WITH 20 1P BREAKERS.
- P4 FROM PANEL HVPOOL, REFEED WITH NEW ALUMINUM CONDUIT TO EQUIPMENT LOCATION, 3812, 1#12G, 3/4" C.
- P5 FROM PANEL HVPOOL, REFEED WITH NEW ALUMINUM CONDUIT TO EQUIPMENT LOCATION 3810, 1#12G, 3/4" C.
- P6 FROM PANEL HVPOOL, REFEED WITH NEW ALUMINUM CONDUIT TO EQUIPMENT LOCATION 388, 1#10G, 1" C. PROVIDE NEW COMBO STARTER
- P7 FROM PANEL HVPOOL, REFEED WITH NEW ALUMINUM CONDUIT TO EQUIPMENT LOCATION 386, 1#10G, 1" C. PROVIDE NEW COMBO STARTER.
- P8 FROM PANEL HVPOOL, REFEED WITH NEW ALUMINUM CONDUIT TO EQUIPMENT LOCATION 384, 1#8G, 1" C. PROVIDE NEW COMBO STARTER.

CONSTRUCTION NOTES - TECHNOLOGY

- T1 REMOVE AND REINSTALL TECHNOLOGY CONNECTIONS AS NEEDED BY OTHERS.



1 FIRST FLOOR ELECTRICAL DEMOLITION PLAN - POOL
1/8" = 1'-0"



ISSUED FOR BID, CENTRAL SCHOOL SED # 1648-02-044-001-018, MAINTENANCE STORAGE BUILDING SED # 1648-02-044-008-001

POOL ELECTRICAL PLANS
PHASE 1A - CAPITAL IMPROVEMENTS
POCANTICO HILLS CSD
599 BEDFORD RD, SLEEPY HOLLOW, NY 10581

CS-E1.1
PROJECT NO: 3288.004

HUNT ENGINEERS | ARCHITECTS | SURVEYORS
HORSEHEADS, NY 607 - 358 - 1000 ROCHESTER, NY 585 - 327 - 7949 TOWANDA, PA 570 - 265 - 4888

DATE:	1/11/2022
DESCRIPTION OF REVISION:	ISSUED FOR BID
BY:	
CHECKED BY:	GJB
DRAWN BY:	TAWD
DATE:	10/12/2022
SCALE:	1/8" = 1'-0"

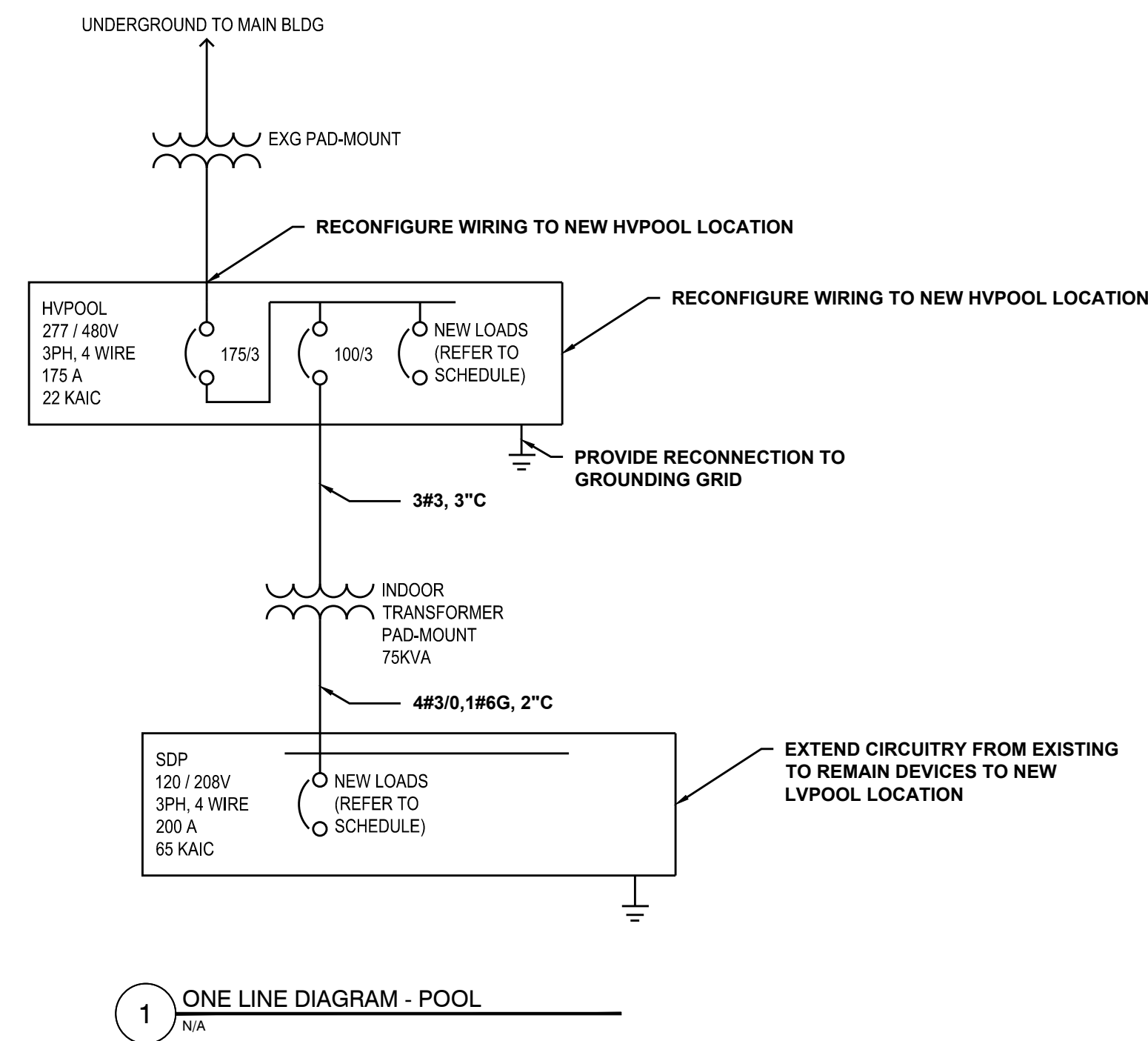
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EQUIPMENT CONNECTION AND CONTROL SCHEDULE									
EQUIPMENT						SUPPLY			
UNIT IDENTIFICATION	DESCRIPTION	LOCATION (ROOM #)	LOAD (Horsepower / Watts / FLA / MCA)	VOLTAGE	PHASE	PANEL OR CONTROL CENTER	CIRCUIT BREAKER	WIRE & CONDUIT	REFERENCE NOTES
EF-1	EXHAUST FAN	-	.05HP	120	1	LVPPOOL	20A	(2) #12, (1) #12 G IN 3/4" C	A
EF-2	EXHAUST FAN	-	2HP	208	3	LVPPOOL	20A	(3) #12, (1) #12 G IN 3/4" C	B
EF-3	EXHAUST FAN	-	1HP	208	3	LVPPOOL	20A	(3) #12, (1) #12 G IN 3/4" C	B
UH-1	UNIT HEATER	-	9.7FLA	480	3	HVPOOL	20A	(3) #12, (1) #12 G IN 3/4" C	-

NOTE: ALL DEVICES / EQUIPMENT / HARDWARE SHALL BE SUITABLE FOR USE IN THE ENVIRONMENT INSTALLED. SEE SPECIFICATIONS FOR FURTHER INFORMATION.

MECHANICAL EQUIPMENT CONNECTION AND CONTROL SCHEDULE REFERENCE NOTES:

- A. PROVIDE 20A 1PHASE DISCONNECT AT UNIT.
- B. PROVIDE 20A 3PHASE DISCONNECT AT UNIT.



PANEL HVPOOL						
CIRC. #	DESCRIPTION	AMP	CIRCUIT BREAKERS	AMP	DESCRIPTION	CIRC. #
1	EXHAUST FAN	25		25	PUMP-2	2
3	EXHAUST FAN	25		25	PUMP-2	4
5	EXHAUST FAN	25		25	PUMP-2	6
7	PUMP-1	40		60	PUMP-4	8
9	PUMP-1	40		60	PUMP-4	10
11	PUMP-1	40		60	PUMP-4	12
13	PUMP-3	80		40	PUMP-5	14
15	PUMP-3	80		40	PUMP-5	16
17	PUMP-3	80		40	PUMP-5	18
19	UH-1	20				20
21	UH-1	20				22
23	UH-1	20				24
25						26
27						28
29						30
31						32
33	SPARE	20		20	SPARE	34
35	SPARE	20		20	SPARE	36
37	LVPPOOL	100		20	SPARE	38
39	LVPPOOL	100		20	SPARE	40
41	LVPPOOL	100		20	SPARE	42

VOLTS: 277/480V 3Ø SPACES: 48 REMARKS:
WIRE: 4W MOUNTING: SURFACE NEMA4X ALL CONNECTIONS TO MAINTAIN
MAIN: 175A MCB FEED: MAIN BLDG MDP NEC 680 GROUNDING REQUIREMENTS
AIC: 65,000 MAX AMPS LOCATION: POOL

PANEL LVPOOL						
CIRC. #	DESCRIPTION	AMP	CIRCUIT BREAKERS	AMP	DESCRIPTION	CIRC. #
1	CONV RECEPTS, UPPER POOL(EXG)	20		20	CONV RECEPTS, FILTER ROOM(EXG)	2
3	ALARM SYSTEM(EXG)	20		20	ALARM SYSTEM RECEPTACLES(EXG)	4
5	FILTER FEED RECEPT	20		20	EXTERIOR RECEPT(EXG)	6
7	FILTER FEED RECEPT	20		20	EXHAUST FAN	8
9	DISPENSER (MICRO FEED)	20		20	EXHAUST FAN	10
11	SUBMERSIBLE PUMP	20		20	EXHAUST FAN	12
13	LIGHTING MECHANICAL ROOM(EXG)	20		20	LIGHTING POOL DECK(EXG)	14
15	SCOREBOARD	20		20	EXHAUST FAN	16
17	EXHAUST FAN	20		20	EXHAUST FAN	18
19				20	EXHAUST FAN	20
21						22
23						24
25	SPARE	20		20	SPARE	26
27	SPARE	20		20	SPARE	28
29	SPARE	20		20	SPARE	30

VOLTS: 120/208V 3Ø SPACES: 30 REMARKS:
WIRE: 4W MOUNTING: SURFACE NEMA 4X ALL CONNECTIONS TO MAINTAIN
MAIN: 200A MCB FEED: PAD MT. TRANSFORMER NEC 680 GROUNDING REQUIREMENTS
AIC: 22,000 MAX AMPS LOCATION:

CENTRAL SCHOOL SED # 66-68-02-04-01-038, MAINTENANCE STORAGE BUILDING SED # 66-68-02-04-038-001

ELECTRICAL SCHEDULES & DETAILS
PHASE 1A - CAPITAL IMPROVEMENTS
POCANTICO HILLS CSD
599 BEDFORD RD., SLEEPY HOLLOW, NY 10591

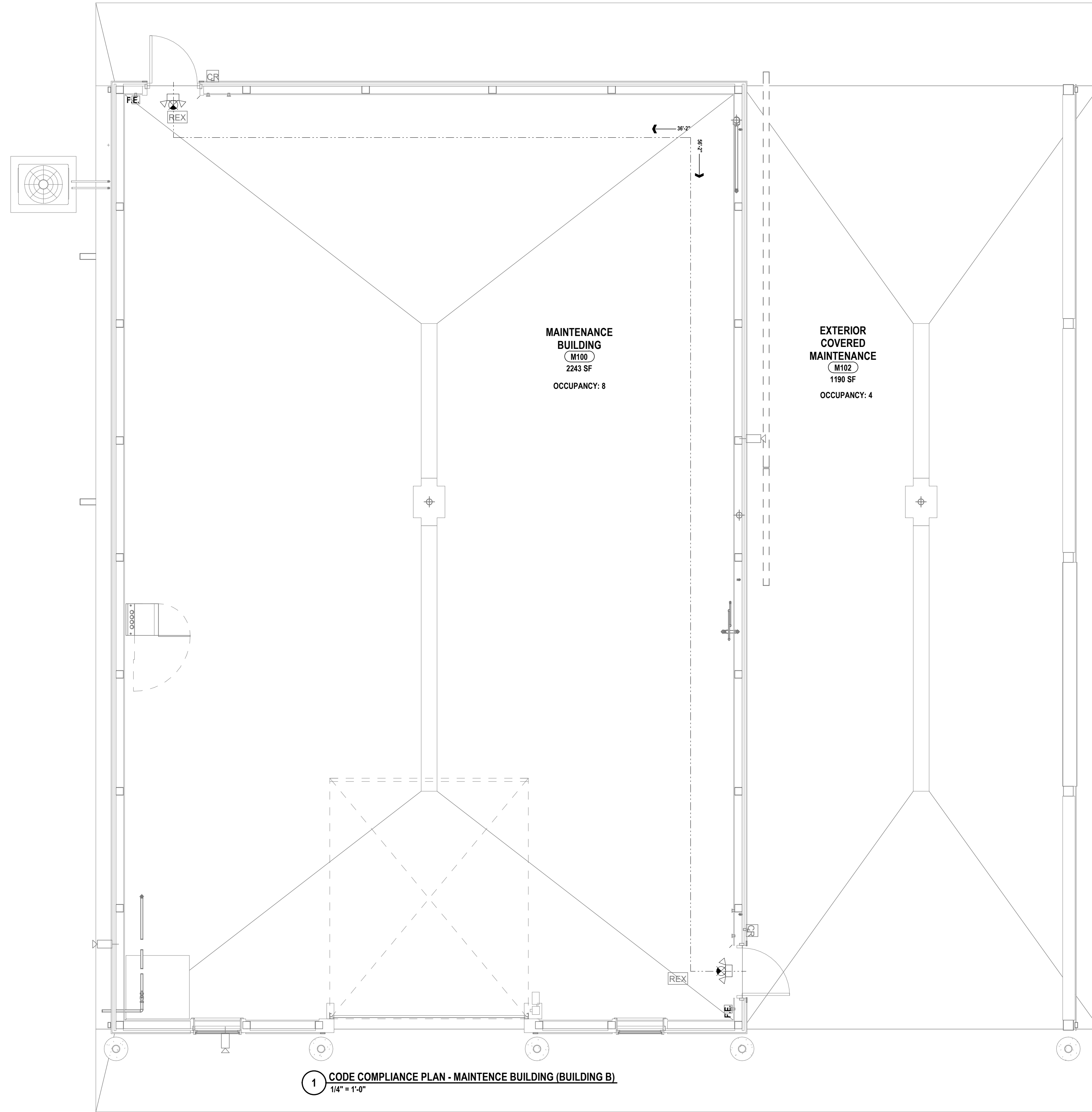
CS-E2.1
PROJECT NO. 3288.004

DRAWN BY: TAWC
CHECKED BY: GJB
DATE: 10/12/2022
SCALE: AS SHOWN
BY:
DESCRIPTION OF REVISION:
ISSUED FOR BID
DATE: 11/14/2022
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HORSEHEADS, NY 607-358-1000 ROCHESTER, NY 585-327-7949 TOWANDA, PA 570-265-4888

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HORSEHEADS, NY 607-358-1000

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DRAWN BY: TAWC
CHECKED BY: GJB
DATE: 10/12/2022
SCALE: AS SHOWN
BY:
DESCRIPTION OF REVISION:
ISSUED FOR BID
DATE: 11/14/2022
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42



1 CODE COMPLIANCE PLAN - MAINTENANCE BUILDING (BUILDING B)
1/4" = 1'-0"

BUILDING B INFORMATION

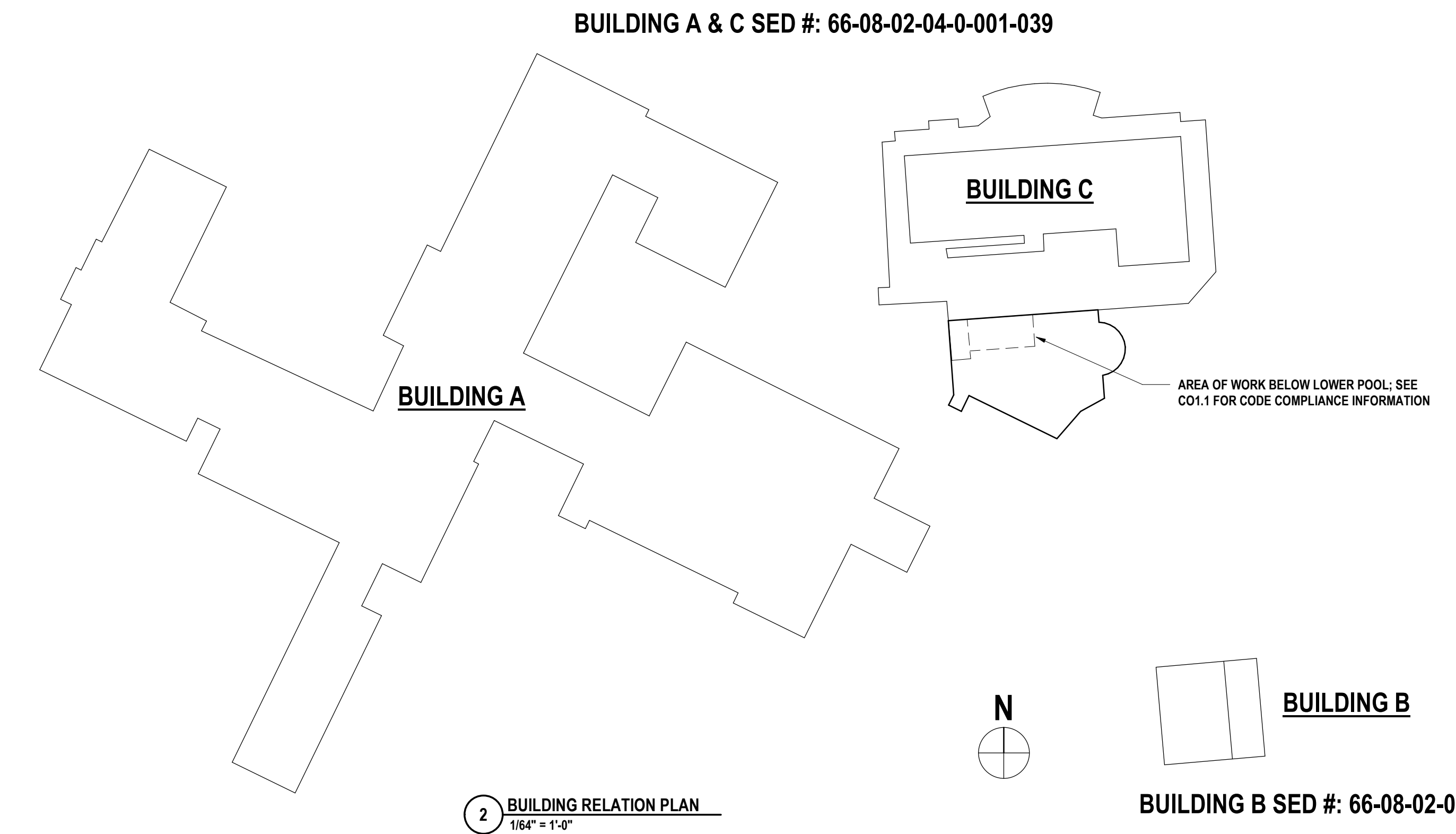
MAINTENANCE STORAGE BUILDING SED#:	66-08-02-04-2-006-001
GENERAL BUILDING INFORMATION:	PROPOSED MAINTENANCE BUILDING - PRE ENGINEERED WOOD BUILDING
ORIGINAL YEAR BUILT:	2022
NEW CONSTRUCTION TYPE:	V-2
OCCUPANCY CLASSIFICATION (INTERIOR AND EXTERIOR):	STORAGE - S-1
NUMBER OF STORIES:	ALLOWABLE: 1 / ACTUAL: 1
NUMBER OF SIDES ACCESSIBLE:	3
SPRINKLED:	NON-SPRINKLED
BUILDING AREA:	9,000 SF
ALLOWABLE BUILDING AREA:	3,418 SF
ACTUAL BUILDING AREA:	120' - 8"
BUILDING PERIMETER:	40' - 2 1/2"
BUILDING FRONTAGE:	
BUILDING HEIGHT:	S - 40 FEET
ALLOWABLE BUILDING HEIGHT:	25 FEET AND 2 INCHES
ACTUAL BUILDING HEIGHT:	
SQUARE FOOTAGE & OCCUPANT LOAD	
MAINTENANCE BUILDING AREA:	2,228 SF
EXTERIOR COVERED MAINTENANCE AREA:	1,190 SF
GROSS SQ. FT. OF INTERIOR AND EXTERIOR STRUCTURE:	3,418 SF (ONE FIRE AREA)
OCCUPANT LOAD INTERIOR:	2,228 SF / 300 GROSS = 8 PERSONS
OCCUPANT LOAD EXTERIOR:	1,190 SF / 300 GROSS = 4 PERSONS
TOTAL OCCUPANT LOAD:	12 PERSONS
BUILDING FIRE RESISTANCE REQUIREMENTS:	
	2020 BUILDING CODE OF NEW YORK STATE
PRIMARY STRUCTURAL FRAME:	0 HR.
EXTERIOR BEARING WALLS:	0 HR.
INTERIOR BEARING WALLS:	0 HR.
NON BEARING EXTERIOR WALLS AND PARTITIONS:	0 HR.
NON BEARING INTERIOR WALLS AND PARTITIONS:	0 HR.
FLOOR CONSTRUCTION AND ASSOCIATED SECONDARY MEMBERS:	0 HR.
ROOF CONSTRUCTION AND ASSOCIATED SECONDARY MEMBERS:	0 HR.
BUILDING TRAVEL DISTANCE	
GROUND FLOOR CORRIDOR TRAVEL DISTANCE:	N/A
MAXIMUM ALLOWABLE TRAVEL DISTANCE:	200' MAX.
MAXIMUM ACTUAL TRAVEL DISTANCE:	SEE PLAN(S)

GRAPHIC KEY - CODE COMPLIANCE

- EMERGENCY LIGHTING
- ILLUMINATED EXIT SIGN
- HANDICAP ACCESSIBLE
- FIRE EXTINGUISHER
- PATH OF EGRESS
- EXIT ACCESS TRAVEL DISTANCE. DENOTES THE MAXIMUM DISTANCE TRAVELED TO A BUILDING EXIT.

ENERGY CONSERVATION CONSTRUCTION INFORMATION:

(APPLIES TO NEW CONSTRUCTION)	
CLIMATE ZONE:	4
BUILDING ENVELOPE REQUIREMENTS; OPAQUE:	
ROOF:	R-38
ATTIC AND OTHER PROVIDED:	R-40ci
WALLS, ABOVE GRADE:	
WOOD FRAMED AND OTHER REQUIRED:	R-13 + R-3.8ci OR R-20
UNHEATED SLABS PROVIDED:	R-20
SLAB-ON-GRADE FLOORS:	
UNHEATED SLABS REQUIRED:	R-10 FOR 24" BELOW
PROVIDED:	R-10 FOR 24" BELOW
FENESTRATION:	
OPERABLE FENESTRATION:	U-0.45
FIXED FENESTRATION:	U-0.38
ENTRANCE DOORS:	U-0.17
OVERHEAD DOORS:	<14% GLAZING MAX U-0.37
SWINGING DOORS:	MAX U-0.37
APPLICABLE BUILDING CODES	
2020 BUILDING CODE OF NEW YORK STATE	
2020 FIRE CODE OF NEW YORK STATE	
2020 ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE	
2020 MECHANICAL CODE OF NEW YORK STATE	
2020 PLUMBING CODE OF NEW YORK STATE	
2020 FUEL GAS CODE OF NEW YORK STATE	
NATIONAL ELECTRIC CODE AS ADOPTED BY THE STATE OF NEW YORK	
ADA: ICC A117.1-2009	



BUILDING A & C SED #: 66-08-02-04-0-001-039

2 BUILDING RELATION PLAN
1/8" = 1'-0"

BUILDING B SED #: 66-08-02-04-2-006-001

ISSUED FOR BID: CENTRAL SCHOOL SED # 66-08-02-04-0-001-039, MAINTENANCE STORAGE BUILDING SED # 66-08-02-04-2-006-001

DATE: 1/11/2022

DESCRIPTION OF REVISION:
ISSUED FOR BID

BY: JH

CHECKED BY: KESIMWJ

DATE: 10/12/2022

SCALE: As indicated

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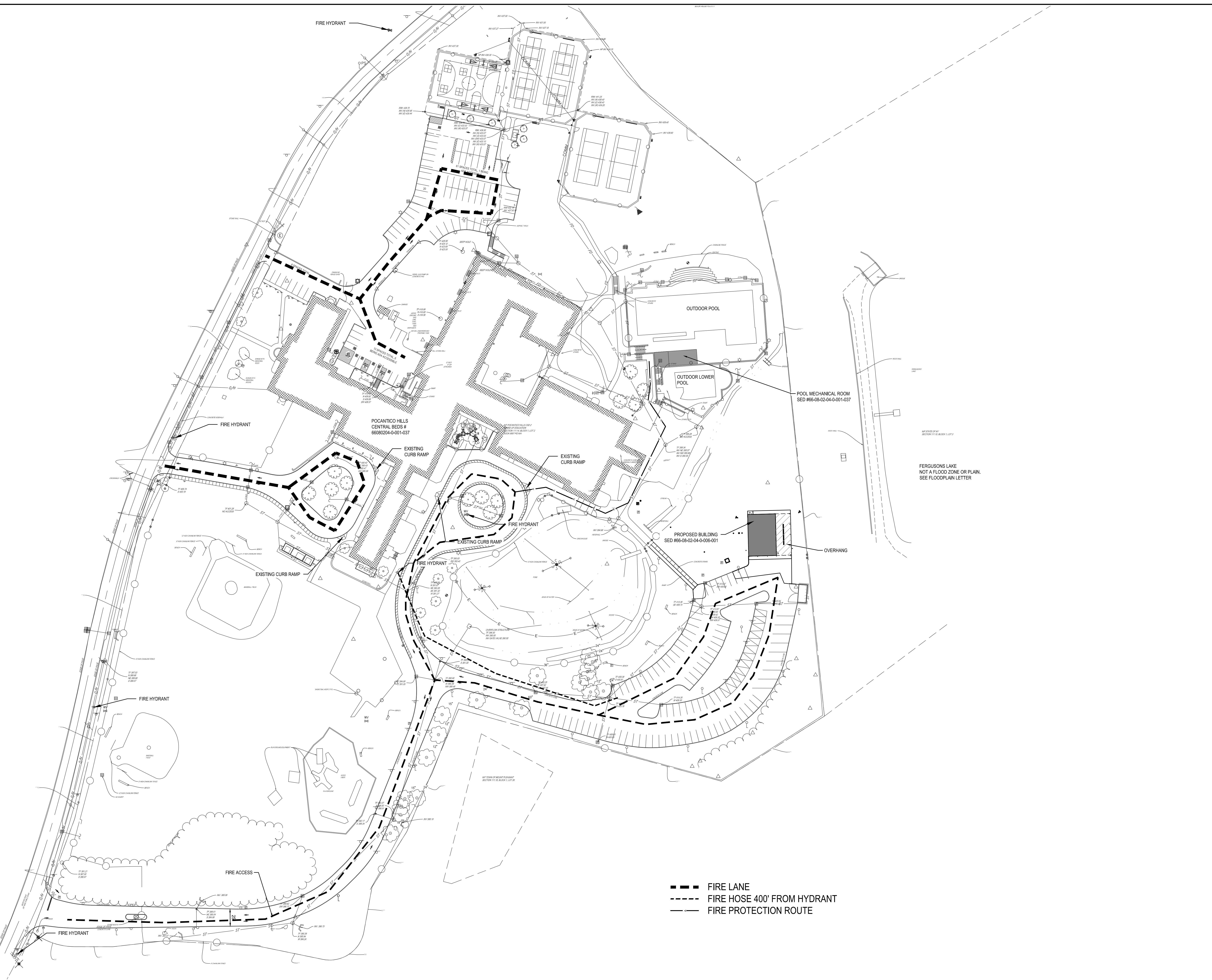
HORSEHEADS, NY 807-358-1000 ROCHESTER, NY 585-327-7849 TOWANDA, PA 870-265-4868

CODE COMPLIANCE PLAN - STORAGE BUILDING

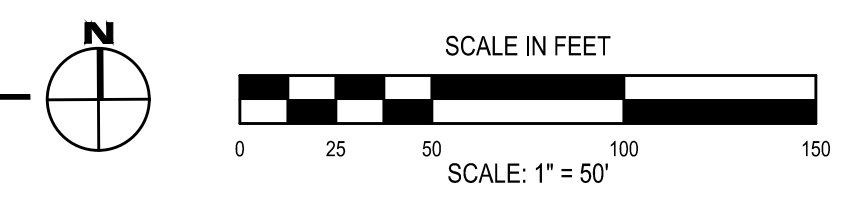
PHASE 1A - CAPITAL IMPROVEMENTS

POCANTICO HILLS CSD

599 BEDFORD RD, SLEEPY HOLLOW, NY 10581



1 SITE CODE COMPLIANCE PLAN
SCALE: 1" = 50'



- FIRE LANE
- - - FIRE HOSE 400' FROM HYDRANT
- FIRE PROTECTION ROUTE

DATE	11/14/22	DESCRIPTION OF REVISION	ISSUED FOR BID
BY:			
DRAWN BY:	BMW	CHECKED BY:	LD
DATE:	10/12/2022	SCALE:	AS SHOWN

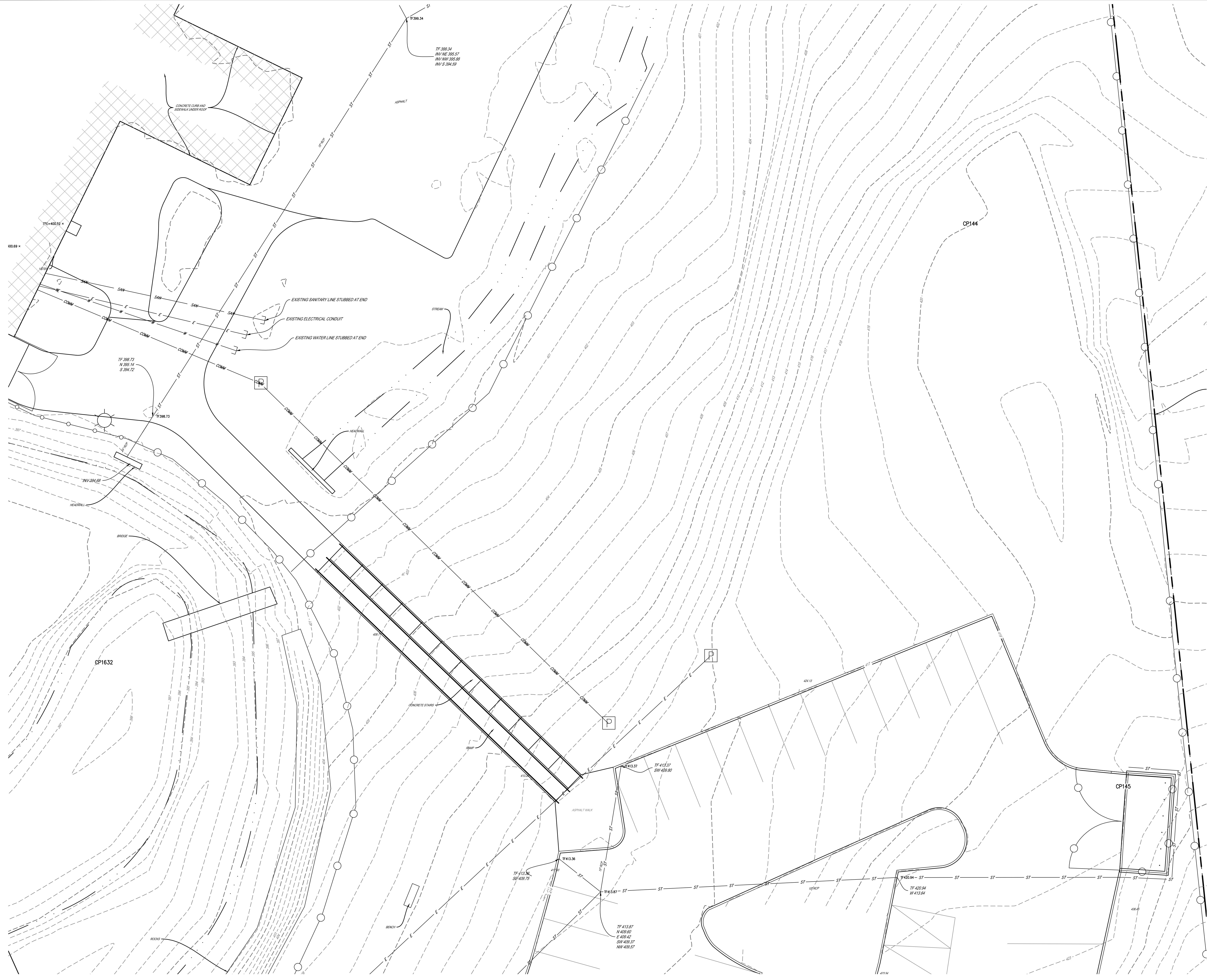
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 ROCHESTER, NY 585-327-7940
 TOWANDA, PA 814-265-4688

SITE CODE COMPLIANCE PLAN
PHASE 1A - CAPITAL IMPROVEMENTS
POCANTICO HILLS CSD
 599 BEDFORD STREET, SLEEPY HOLLOW, NY 10591

MS-CO1.3
 PROJECT NO: 3288.004

CENTRAL SCHOOL SED # 66-08-02-04-001-008, MAINTENANCE STORAGE BUILDING SED # 66-08-02-04-005-001

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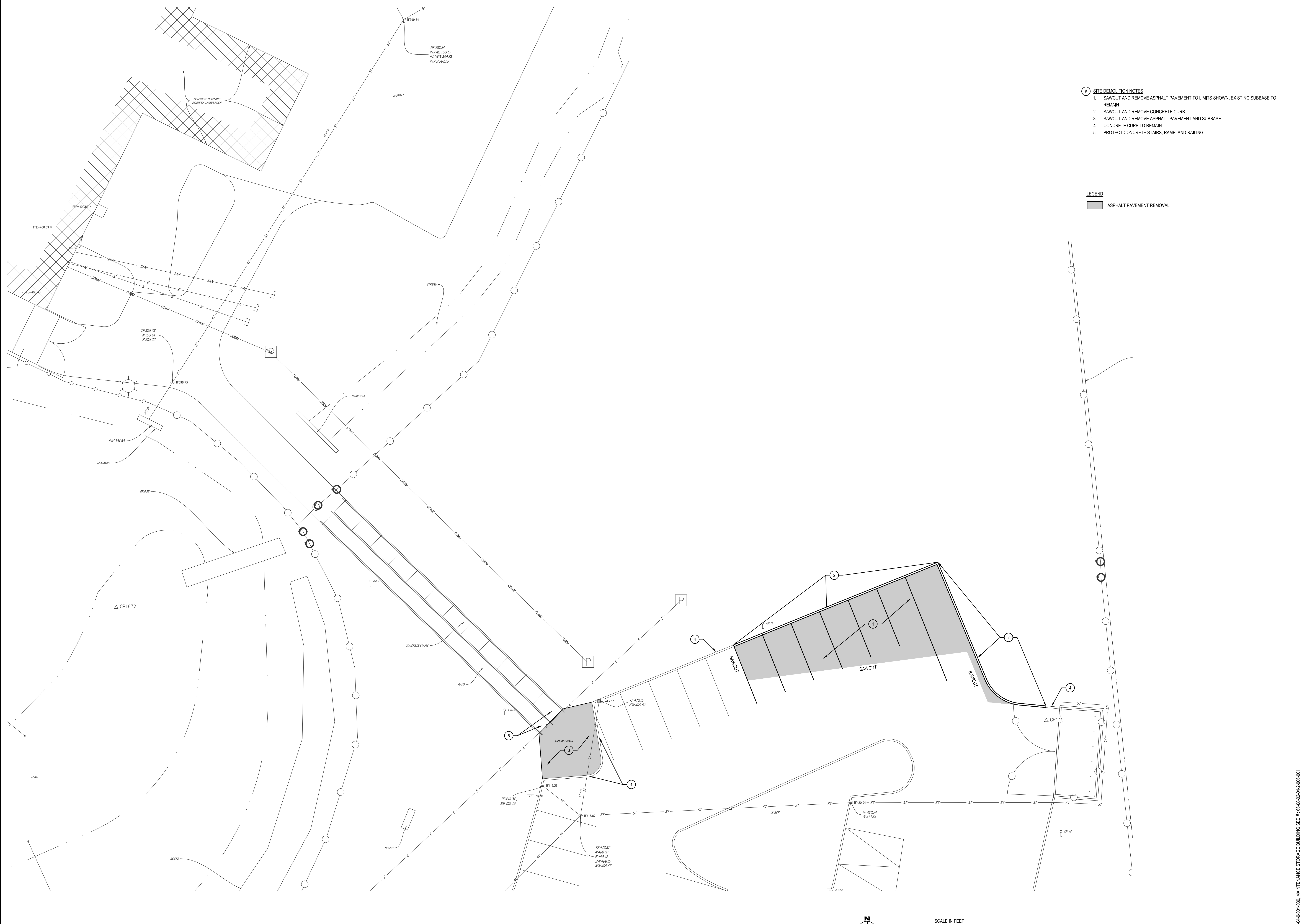


1 EXISTING CONDITIONS PLAN
SCALE: 1" = 10'

		DRAWN BY: BMW	CHECKED BY: LJD	DATE: 10/12/2022	SCALE: AS SHOWN
#	DATE	DESCRIPTION OF REVISION			
1	11/14/22	ISSUED FOR BID			
<p>HUNT ENGINEERS ARCHITECTS SURVEYORS HORSEHEADS, NY 607 - 338 - 1000 ROCHESTER, NY 585 - 327 - 7940 TOWANDA, PA 574 - 265 - 4688</p>					
<p>EXISTING CONDITIONS PLAN PHASE 1A - CAPITAL IMPROVEMENTS POCANTICO HILLS CSD 599 BEDFORD STREET, SLEEPY HOLLOW, NY 10591</p>					
<p>MS-L0.1 PROJECT NO. 2288.004</p>					

CENTRAL SCHOOL SED # 66-69-02-04-001-028, MAINTENANCE STORAGE BUILDING SED # 66-69-02-04-028-001

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- # SITE DEMOLITION NOTES**
1. SAWCUT AND REMOVE ASPHALT PAVEMENT TO LIMITS SHOWN, EXISTING SUBBASE TO REMAIN.
 2. SAWCUT AND REMOVE CONCRETE CURB.
 3. SAWCUT AND REMOVE ASPHALT PAVEMENT AND SUBBASE.
 4. CONCRETE CURB TO REMAIN.
 5. PROTECT CONCRETE STAIRS, RAMP, AND RAILING.

LEGEND

ASPHALT PAVEMENT REMOVAL

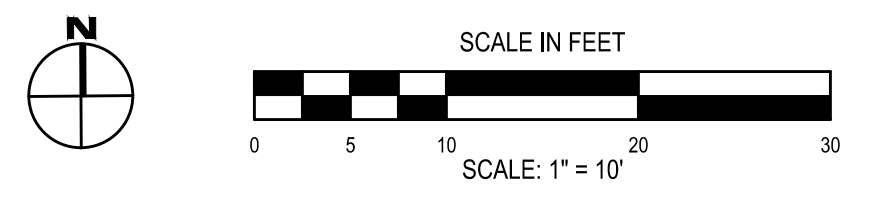
DATE	11/14/22	DESCRIPTION OF REVISION	ISSUED FOR BID
#	1		

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 TOWANDA, PA 570-265-6888

SITE DEMOLITION PLAN
 PHASE 1A - CAPITAL IMPROVEMENTS
 POCANTICO HILLS CSD
 599 BEDFORD STREET, SLEEPY HOLLOW, NY 10591

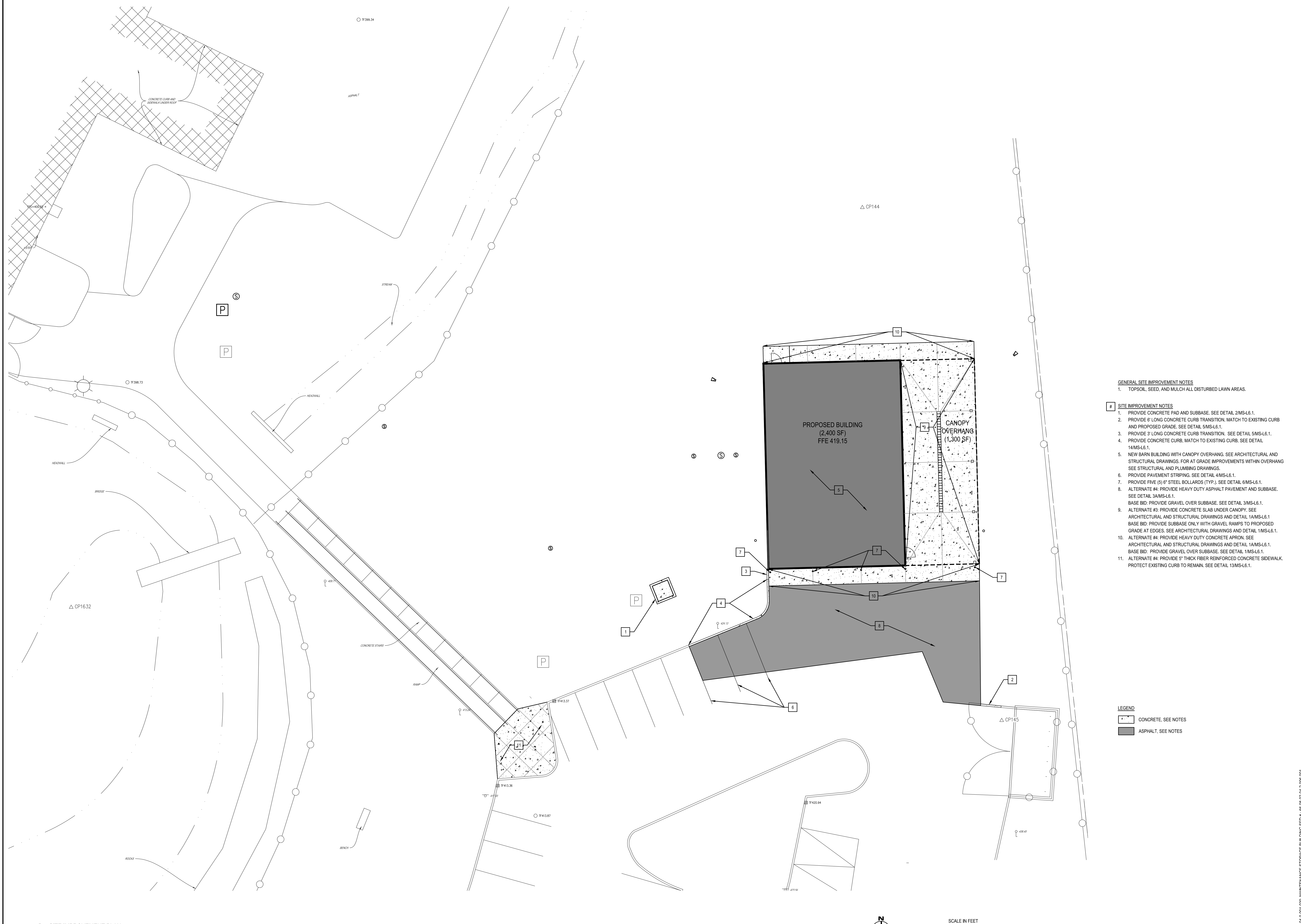
MS-L1.1
 PROJECT NO: 3288.004

1 SITE DEMOLITION PLAN
 SCALE: 1" = 10'



CENTRAL SCHOOL SED # 66-98-02-04-001-008, MAINTENANCE STORAGE BUILDING SED # 66-98-02-04-3-006-001

DRAWN BY: BMW
 CHECKED BY: LGS
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 SCALE: AS SHOWN
 BY:
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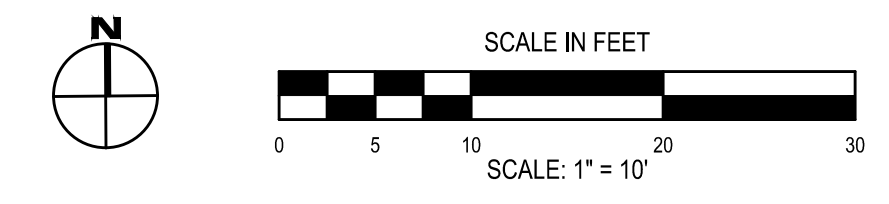


- GENERAL SITE IMPROVEMENT NOTES**
1. TOPSOIL, SEED, AND MULCH ALL DISTURBED LAWN AREAS.
- SITE IMPROVEMENT NOTES**
1. PROVIDE CONCRETE PAD AND SUBBASE. SEE DETAIL 2MS-L6.1.
 2. PROVIDE 6" LONG CONCRETE CURB TRANSITION. MATCH TO EXISTING CURB AND PROPOSED GRADE. SEE DETAIL 5MS-L6.1.
 3. PROVIDE 3" LONG CONCRETE CURB TRANSITION. SEE DETAIL 5MS-L6.1.
 4. PROVIDE CONCRETE CURB, MATCH TO EXISTING CURB. SEE DETAIL 14MS-L6.1.
 5. NEW BARN BUILDING WITH CANOPY OVERHANG. SEE ARCHITECTURAL AND STRUCTURAL DRAWINGS. FOR AT GRADE IMPROVEMENTS WITHIN OVERHANG SEE STRUCTURAL AND PLUMBING DRAWINGS.
 6. PROVIDE PAVEMENT STRIPING. SEE DETAIL 4MS-L6.1.
 7. PROVIDE FIVE (5) 8" STEEL BOLLARDS (TYP.). SEE DETAIL 6MS-L6.1.
 8. ALTERNATE #4: PROVIDE HEAVY DUTY ASPHALT PAVEMENT AND SUBBASE. SEE DETAIL 34MS-L6.1.
BASE BID: PROVIDE GRAVEL OVER SUBBASE. SEE DETAIL 3MS-L6.1.
 9. ALTERNATE #3: PROVIDE CONCRETE SLAB UNDER CANOPY. SEE ARCHITECTURAL AND STRUCTURAL DRAWINGS AND DETAIL 14MS-L6.1
BASE BID: PROVIDE SUBBASE ONLY WITH GRAVEL RAMPS TO PROPOSED GRADE AT EDGES. SEE ARCHITECTURAL DRAWINGS AND DETAIL 1MS-L6.1.
 10. ALTERNATE #4: PROVIDE HEAVY DUTY CONCRETE APRON. SEE ARCHITECTURAL AND STRUCTURAL DRAWINGS AND DETAIL 14MS-L6.1.
BASE BID: PROVIDE GRAVEL OVER SUBBASE. SEE DETAIL 1MS-L6.1.
 11. ALTERNATE #4: PROVIDE 5" THICK FIBER REINFORCED CONCRETE SIDEWALK. PROTECT EXISTING CURB TO REMAIN. SEE DETAIL 13MS-L6.1.

LEGEND

- CONCRETE. SEE NOTES
- ASPHALT. SEE NOTES

1 SITE IMPROVEMENT PLAN
SCALE: 1" = 10'



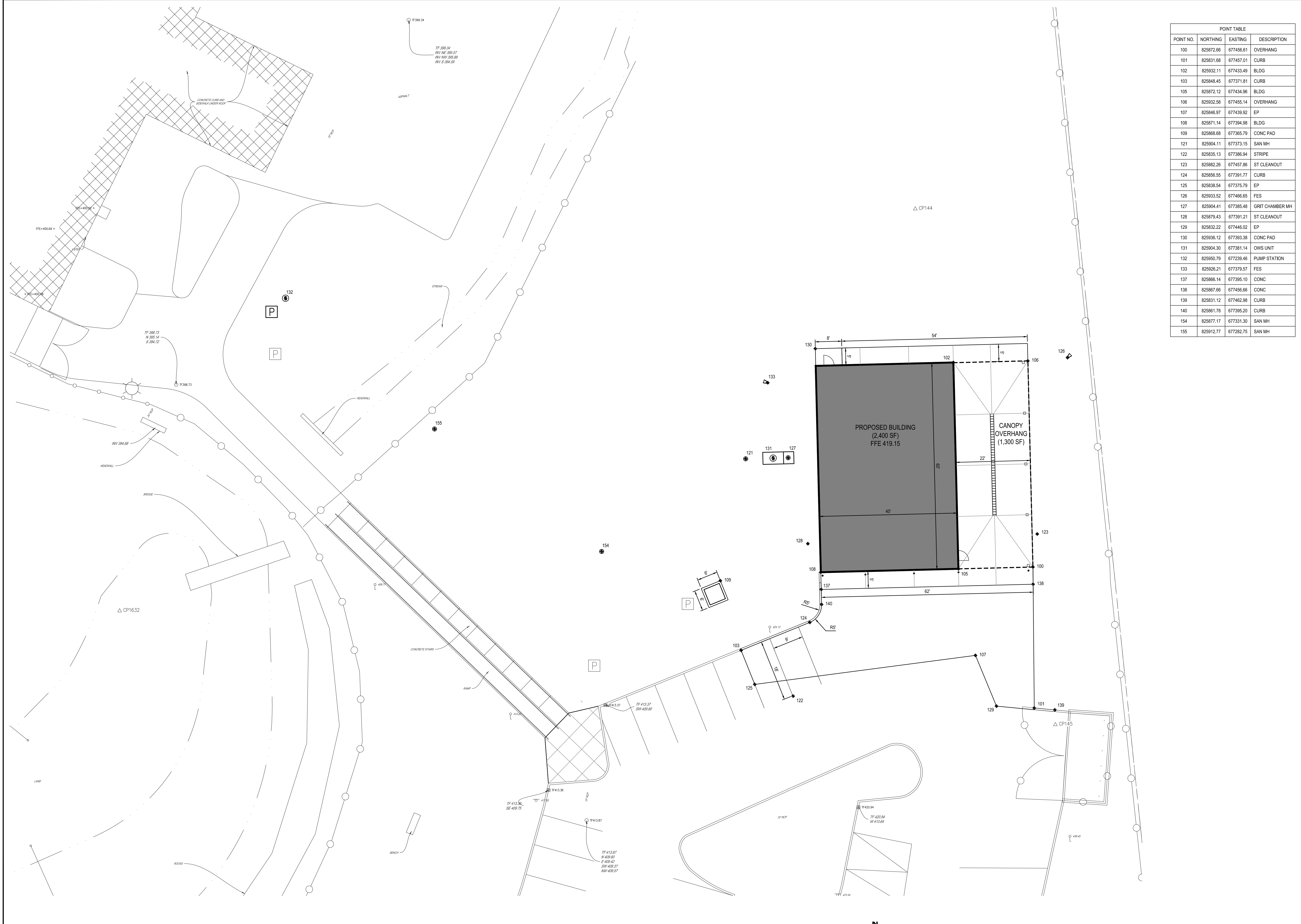
DATE	11/14/22	DESCRIPTION OF REVISION	ISSUED FOR BID
BY:			
CHECKED BY:	BMW		
DATE:	10/12/2022		
SCALE:	AS SHOWN		

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 ROCHESTER, NY 585-327-7949
 HORSEHEADS, NY 607-398-1000

SITE IMPROVEMENT PLAN
PHASE 1A - CAPITAL IMPROVEMENTS
POCANTICO HILLS CSD
 599 BEDFORD STREET, SLEEPY HOLLOW, NY 10591

MS-L2.1
 PROJECT NO: 3288.004

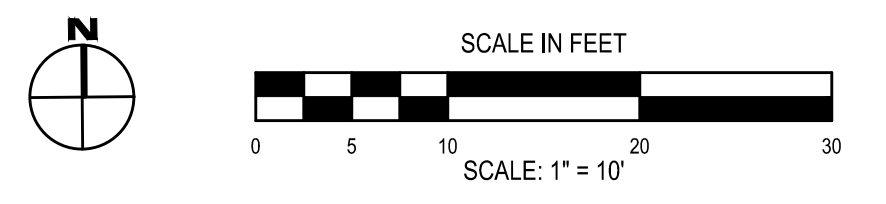
CENTRAL SCHOOL SED # 66-98-02-04-001-008, MAINTENANCE STORAGE BUILDING SED # 66-98-02-04-005-001



POINT TABLE			
POINT NO.	NORTHING	EASTING	DESCRIPTION
100	825872.66	677456.61	OVERHANG
101	825831.68	677457.01	CURB
102	825932.11	677433.49	BLDG
103	825848.45	677371.81	CURB
105	825872.12	677434.96	BLDG
106	825932.58	677455.14	OVERHANG
107	825846.97	677439.92	EP
108	825871.14	677394.98	BLDG
109	825868.68	677365.79	CONC PAD
121	825904.11	677373.15	SAN MH
122	825835.13	677386.94	STRIPE
123	825862.26	677457.86	ST CLEANOUT
124	825866.55	677391.77	CURB
125	825838.54	677375.79	EP
126	825933.52	677466.65	FES
127	825904.41	677385.48	GRIT CHAMBER MH
128	825879.43	677391.21	ST CLEANOUT
129	825832.22	677446.02	EP
130	825936.12	677393.38	CONC PAD
131	825904.30	677381.14	OWS UNIT
132	825950.79	677239.46	PUMP STATION
133	825826.21	677379.57	FES
137	825866.14	677395.10	CONC
138	825867.66	677456.66	CONC
139	825831.12	677462.98	CURB
140	825861.78	677395.20	CURB
154	825877.17	677331.30	SAN MH
155	825912.77	677282.75	SAN MH

DATE:	11/14/22	DESCRIPTION OF REVISION:	ISSUED FOR BID
BY:			
CHECKED BY:	LCJ		
DRAWN BY:	BMW		
DATE:	10/12/2022		
SCALE:	AS SHOWN		

1 SITE LAYOUT PLAN
SCALE: 1" = 10'



CENTRAL SCHOOL SED # 66-06-02-04-001-039, MAINTENANCE STORAGE BUILDING SED # 66-06-02-04-006-001
SITE LAYOUT PLAN
PHASE 1A - CAPITAL IMPROVEMENTS
POCANTICO HILLS CSD
 599 BEDFORD STREET, SLEEPY HOLLOW, NY 10591
MS-L3.1
 PROJECT NO: 2288.004

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 BOARD OF PROFESSIONAL ENGINEERS, ARCHITECTS & SURVEYORS, STATE OF NEW YORK

I. EROSION & SEDIMENT POLLUTION CONTROL (E & SPC) GUIDELINES

1. EROSION AND SEDIMENT POLLUTION CONTROL FACILITIES AND PRACTICES UTILIZED IN THE CONSTRUCTION OF THE PROJECT, SHALL BE CONSISTENT WITH THE LATEST EDITIONS OF THE NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL.
2. EROSION AND SEDIMENT POLLUTION CONTROL FACILITIES (SILT SOCK AND OTHER ACCEPTABLE IMPLEMENTED FACILITIES) SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION UNTIL COMPLETE SITE STABILIZATION.
3. HEAVY CONSTRUCTION EQUIPMENT SHALL BE KEPT AS CLOSE TO THE WORK AREA AS PRACTICED TO MINIMIZE DISTURBANCE OF SOIL ALREADY STABILIZED OR UNDISTURBED.
4. TOPSOIL AND OTHER SOIL REMOVED DURING CONSTRUCTION SHALL BE STOCKPILED IN A SUITABLE LOCATION CLEAR FROM ANY STORMWATER DRAINAGE COURSES. STOCKPILES WHICH ARE INACTIVE FOR MORE THAN 5 DAYS SHALL BE SEEDDED.
5. ALL SOIL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED BEFORE BEGINNING EARTH MOVING ACTIVITIES, OR IN THEIR PROPER SEQUENCE, AND MAINTAINED UNTIL PERMANENT PROTECTION IS ESTABLISHED.
6. ANY DISTURBED AREAS THAT WILL BE LEFT EXPOSED FOR MORE THAN 5 DAYS, AND NOT SUBJECT TO CONSTRUCTION TRAFFIC, WILL IMMEDIATELY RECEIVE A TEMPORARY SEEDING. IF THE SEASON PREVENTS THE ESTABLISHMENT OF A TEMPORARY COVER, THE DISTURBED AREAS WILL BE MULCHED WITH STRAW OR EQUIVALENT MATERIAL, AT A RATE OF 2.5 - 3.0 TONS PER ACRE, ACCORDING TO STATE STANDARDS.
7. PERMANENT VEGETATION TO BE SEEDDED OR SODDED ON ALL EXPOSED AREAS WITHIN FIVE (5) DAYS AFTER FINAL GRADING. MULCH AS NECESSARY FOR SEED PROTECTION AND ESTABLISHMENT. LIME AND FERTILIZE SEED BED PRIOR TO PERMANENT SEEDING.
8. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN EROSION AND SEDIMENT CONTROL MEASURES UNTIL ALL AREAS HAVE BEEN PERMANENTLY STABILIZED.

II. MULCHING AND SEEDING REQUIREMENTS

1. SEEDBED PREPARATION:
 - a. APPLY LIMESTONE (EQUIVALENT TO 50 PERCENT (50%) CALCIUM PLUS MAGNESIUM OXIDES) AT A RATE OF 80 POUNDS PER 1,000 SQUARE FEET. APPLY FERTILIZER AT A RATE OF 800 POUNDS PER ACRE OR 14 POUNDS PER 1,000 SQUARE FEET USING 10-20-10 OR EQUIVALENT.
 - b. WORK LIME AND FERTILIZER INTO SOIL AS NEARLY AS PRACTICAL TO A DEPTH OF 4 INCHES WITH A DISC, SPRINGTOOTH HARROW OR OTHER SUITABLE EQUIPMENT. THE FINAL HARROWING OR DISCING OPERATION SHOULD BE ON THE GENERAL CONTOUR. CONTINUE TILLAGE UNTIL A REASONABLY UNIFORM SEEDBED IS PREPARED.
 - c. INSPECT SEEDBED JUST BEFORE SEEDING. IF TRAFFIC HAS LEFT THE SOIL COMPACT, THE AREA MUST BE RETILLED AS ABOVE.

TEMPORARY REQUIREMENTS

2. SEEDING:
 - a. APPLY LAWN MIX AT A RATE (SEE SPECIFICATIONS)
 - b. APPLY SEED WITH MECHANICAL SEEDER. OPTIMUM SEEDING DEPTH IS ONE INCH EXCEPT SANDY SOILS (2 INCHES).
 - c. WHERE FEASIBLE, EXCEPT WHERE EITHER A CULTIPAKER TYPE SEEDER OR HYDROSEEDER IS USED, THE SEEDBED SHALL BE FIRMED FOLLOWING SEEDING

OPERATIONS WITH A ROLLER, OR LIGHT DRAG, SEEDING OPERATIONS SHOULD BE ON THE CONTOUR.

3. MULCHING
 - a. MULCH MATERIALS SHALL BE UNROTTED SALT HAY OR SMALL GRAIN STRAW AT A RATE OF 2-1/2 TO 3 TONS PER ACRE, OR TO 30 POUNDS PER 1,000 SQUARE FEET. MULCH SHOULD NOT BE GROUND OR CHOPPED INTO SHORT PIECES.
 - b. SPREAD UNIFORMLY BY HAND OR MECHANICALLY SO THAT APPROXIMATELY 75 PERCENT TO 95 PERCENT OF THE SOIL SURFACE WILL BE COVERED.
 - c. MULCH ANCHORING SHALL BE ACCOMPLISHED IMMEDIATELY AFTER PLACEMENT TO MINIMIZE LOSS BY WIND OR WATER. 1. MULCHING NETTINGS - STAPLE, JUTE OR COTTON NETTINGS TO THE SOIL SURFACE. USE A DEGRADABLE NETTING IN AREAS TO BE MOVED.
4. PERMANENT SEEDING TO BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS.

III. MAINTENANCE AND REPAIR OF EROSION AND SEDIMENT POLLUTION CONTROL FACILITIES

1. PROPER MAINTENANCE AND REPAIR OF EROSION AND SEDIMENT CONTROL FACILITIES ARE NECESSARY TO THE EFFECTIVENESS OF THE EROSION AND SEDIMENT POLLUTION CONTROL FACILITIES.
2. ANY TEMPORARY EROSION CONTROL FACILITY SHALL REMAIN FUNCTIONAL UNTIL VEGETATIVE COVER IS SUFFICIENTLY ESTABLISHED WITHIN THE RESPECTIVE TRIBUTARY DRAINAGE AREA.
3. ANY DEBRIS ACCUMULATED IN EROSION AND SEDIMENT CONTROL FACILITIES SHALL BE REMOVED AND PROPERLY DISPOSED. THESE FACILITIES SHALL BE CHECKED DAILY AND AFTER RAINFALL EVENTS, AND REPAIRED AS NEEDED. SEDIMENT SHALL BE REMOVED WHEN IT REACHES THE FOLLOWING DEPTHS:
 - SILT SOCK - 1/2 HEIGHT

NOTE: DISTURBED AREAS SHALL BE CONSIDERED AS PERMANENTLY STABILIZED WHEN A MINIMUM COVER OF 80% HAS BEEN ESTABLISHED.

IV. MATERIALS HANDLING AND SPILL PREVENTION

THE CONTRACTOR SHALL FOLLOW ALL FEDERAL, STATE AND LOCAL REGULATIONS PERTAINING TO MATERIAL HANDLING, SPILL PREVENTION AND SPILL CLEANUP. THE CONTRACTOR SHALL NOTIFY THE APPROPRIATE AGENCIES WHEN A SPILL OCCURS. THE FOLLOWING ARE RECOMMENDED GUIDELINES FOR THE CONTRACTOR AND SHALL NOT REPLACE GOVERNMENTAL REGULATIONS:

CONCRETE WASHOUT STRUCTURE: CONCRETE WASHOUT STRUCTURES ARE USED TO CONTAIN CONCRETE AND LIQUIDS WHEN THE CHUTES OF CONCRETE MIXERS AND HOPPERS OF CONCRETE PUMPS ARE RINSED OUT AFTER DELIVERY. THE WASHOUT FACILITIES CAN BE CONSTRUCTED OR READY-MADE. ALL WASHOUT FACILITIES CONSOLIDATE SOLIDS FOR EASIER DISPOSAL AND PREVENT RUNOFF OF LIQUIDS. THE WASH WATER IS ALKALINE AND CONTAINS HIGH LEVELS OF CHROMIUM, WHICH CAN LEACH INTO THE GROUND AND CONTAMINATE GROUNDWATER. IT CAN ALSO MIGRATE TO A STORM DRAIN, WHICH CAN INCREASE THE PH OF NEARBY WATERWAYS AND HARM AQUATIC LIFE.

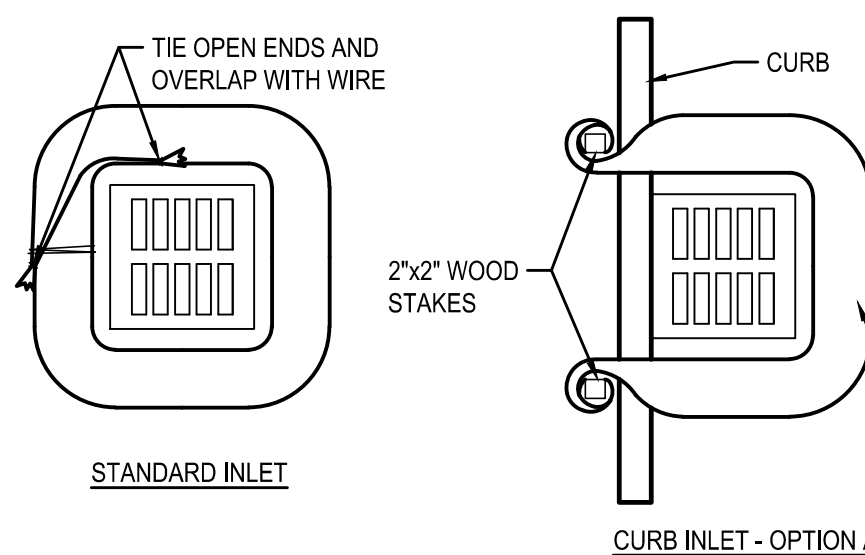
- THE CONTRACTOR SHALL DESIGNATE A CONCRETE WASHOUT AREA AND SHALL INSTALL THE WASHOUT A MINIMUM OF 100 FEET UPSTREAM FROM A STORM DRAIN, STREAM, POND OR WATERWAY.
- THE FACILITIES SHALL BE CLEANED OUT ONCE THEY ARE 2/3 FULL OR NEW FACILITIES BE CONSTRUCTED TO PROVIDE ADDITIONAL STORAGE.

- ADDING SOLVENTS, FLOCCULANT, OR ACID TO WASHWATER IS PROHIBITED.
- PERMANENT DISPOSAL OF CONCRETE WASHOUT WASTE ON THE CONSTRUCTION SITE IS PROHIBITED. DISPOSAL OF WASTE SHALL BE IN A LEGAL MANNER.

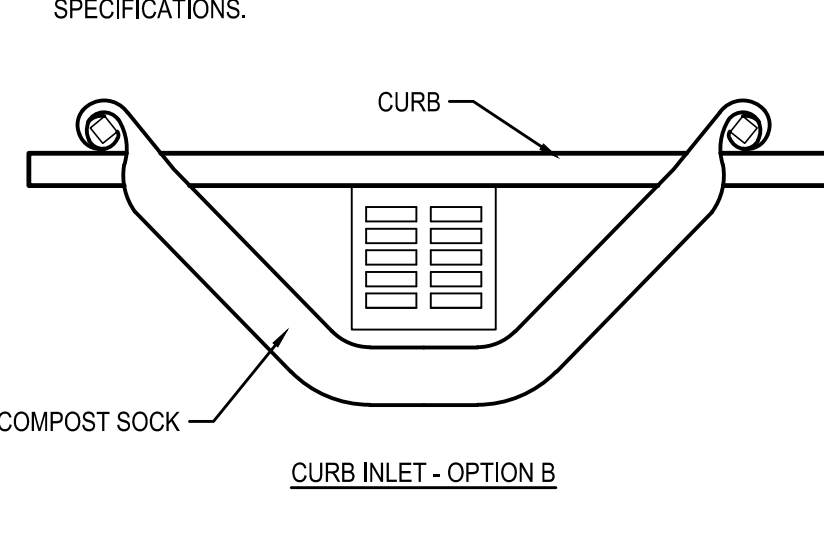
CONSTRUCTION SITE LIQUID AND SOLID WASTE MANAGEMENT: BUILDING MATERIALS AND OTHER CONSTRUCTION SITE WASTES, INCLUDING SANITARY WASTES, MUST BE PROPERLY MANAGED AND DISPOSED OF TO REDUCE THE RISK OF POLLUTION. PRACTICES SUCH AS TRASH DISPOSAL, RECYCLING, PROPER SANITARY FACILITY MAINTENANCE, AND SPILL PREVENTION AND CLEANUP MEASURES CAN REDUCE THE POTENTIAL FOR STORMWATER RUNOFF TO MOBILIZE CONSTRUCTION SITE WASTES AND CONTAMINATE SURFACE OR GROUND WATER.

- THE CONTRACTOR SHALL DESIGNATE ONE AREA FOR CONSTRUCTION VEHICLE REFUELING THAT IS AT LEAST 100 FEET AWAY FROM A STORM DRAIN, STREAM, POND OR WATERWAY.
- TEMPORARY SANITARY FACILITIES SHOULD BE LOCATED AT LEAST 50 FEET AWAY FROM DRAINAGEWAYS, STORM DRAINS, RECEIVING WATERS, AREAS OF HIGH TRAFFIC, AND AREAS SUSCEPTIBLE TO FLOODING. WASTEWATER GENERATED FROM SANITARY FACILITIES SHALL NOT BE ALLOWED TO FLOW INTO STORM SEWERS AND DRAINAGEWAYS. ONLY LICENSED HAULERS SHALL BE AUTHORIZED TO DISPOSE OF WASTE. FACILITIES SHALL BE SECURED TO PREVENT OVERTURNING IN AREAS SUSCEPTIBLE TO STRONG WINDS.
- CONSTRUCTION WASTE SHALL BE SEGREGATED PROPERLY INTO VARIOUS CATEGORIES SUCH AS HAZARDOUS MATERIALS, TOXIC LIQUIDS AND NON-HAZARDOUS MATERIALS.
- CONTAINERS OF LIQUIDS SHOULD HAVE SECONDARY CONTAINMENT AND BE STORED AWAY FROM DRAINAGEWAYS, STORM DRAINS, RECEIVING WATERS, AREAS OF HIGH TRAFFIC, AND AREAS SUSCEPTIBLE TO FLOODING. CONTAINERS SHALL ALSO BE PROPERLY LABELED.
- SPILL PREVENTION AND CONTROL: SPILL PREVENTION, CONTROL AND COUNTER MEASURE PLAN (SPCC) SHALL CLEARLY STATE MEASURES TO STOP THE SOURCE OF A SPILL, CONTAIN THE SPILL, CLEAN UP THE SPILL, DISPOSE OF CONTAMINATED MATERIALS, AND TRAIN PERSONNEL TO PREVENT AND CONTROL FUTURE SPILLS. SPCCS ARE APPLICABLE TO CONSTRUCTION SITES WHERE HAZARDOUS WASTE ARE STORED OR USED. HAZARDOUS WASTE INCLUDES PESTICIDES, PAINTS, CLEANERS, PETROLEUM PRODUCTS, FERTILIZERS, AND SOLVENTS.
- THE CONTRACTOR SHALL DEVELOP AND IMPLEMENT A SPILL PREVENTION, CONTROL AND COUNTER MEASURE PLAN IN CONFORMANCE WITH STATE AND FEDERAL REGULATIONS.
- SPILLS SHALL BE CONTAINED AND CLEANED UP AS SOON AS POSSIBLE.
- RESIDUALS LEFT OVER FROM THE CLEAN UP ACTIVITY, SUCH AS ABSORBENT PADS OR CONTAINERS OF SPILL MATERIAL, SHALL BE DISPOSED OF PROPERLY.
- PROPER SPILL AND ILLICIT DISCHARGE REPORTING PROCEDURES INCLUDING

- CALLING NYSDEC SPILL HOTLINE SHALL BE FOLLOWED FOR BOTH HAZARDOUS AND NON-HAZARDOUS MATERIALS.
- SPILLS SHALL NOT BE WASHED DOWN INTO THE STORM DRAIN OR BURIED ANYWHERE.
- THE CONTRACTOR SHALL REFER TO NYSDEC REGULATIONS FOR ADDITIONAL REQUIREMENTS.

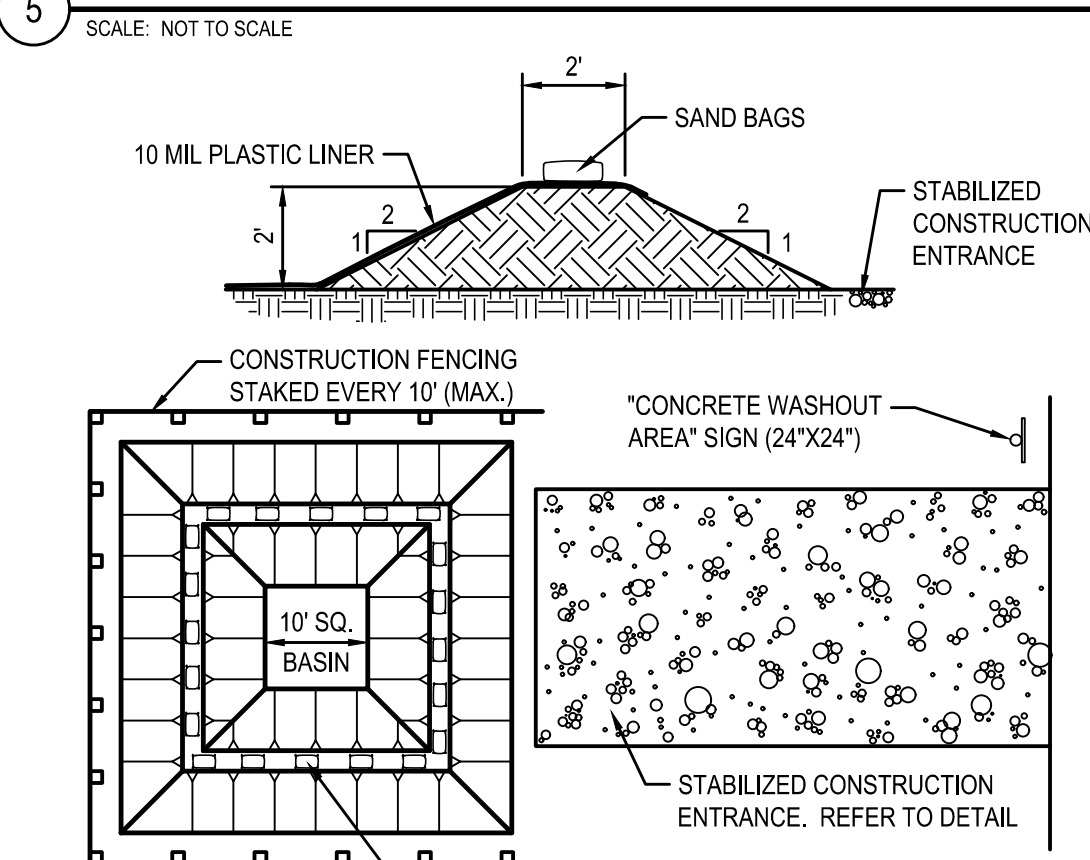


- INSTALLATION NOTES:**
1. COMPOST SOCKS SHALL BE INSTALLED PRIOR TO ANY LAND-DISTURBING ACTIVITIES.
 2. COMPOST SOCKS SHALL BE "SILT SOCK", "FILTEREXX" OR OTHER APPROVED FILTER FABRIC SOCK.
 3. COMPOST SOCKS SHALL BE FILLED WITH WOOD CHIPS OR COMPOST. SEE SPECIFICATIONS FOR APPROVED COMPOSITION OF WOOD CHIPS OR COMPOST.
 4. COMPOST SOCKS SHALL BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS.
 5. COMPOST SOCK SHALL BE IN CONSTANT CONTACT WITH THE GROUND SURFACE.
 6. WOOD STAKES SHALL BE USED TO SECURE THE WATTLES. 1/2" TO 5/8" REBAR IS ALSO ACCEPTABLE. BE SURE TO USE A STAKE THAT IS LONG ENOUGH TO PROTRUDE SEVERAL INCHES ABOVE THE WATTLE.
 7. EXCESS FABRIC SHALL BE WRAPPED AROUND THE STAKES.
 8. FOR INLETS NOT ON A CURB THE COMPOST SOCK SHALL BE TIED OFF AT BOTH ENDS WITH THE WIRE AND OVERLAPPED TO PROVIDE SUITABLE PROTECTION.



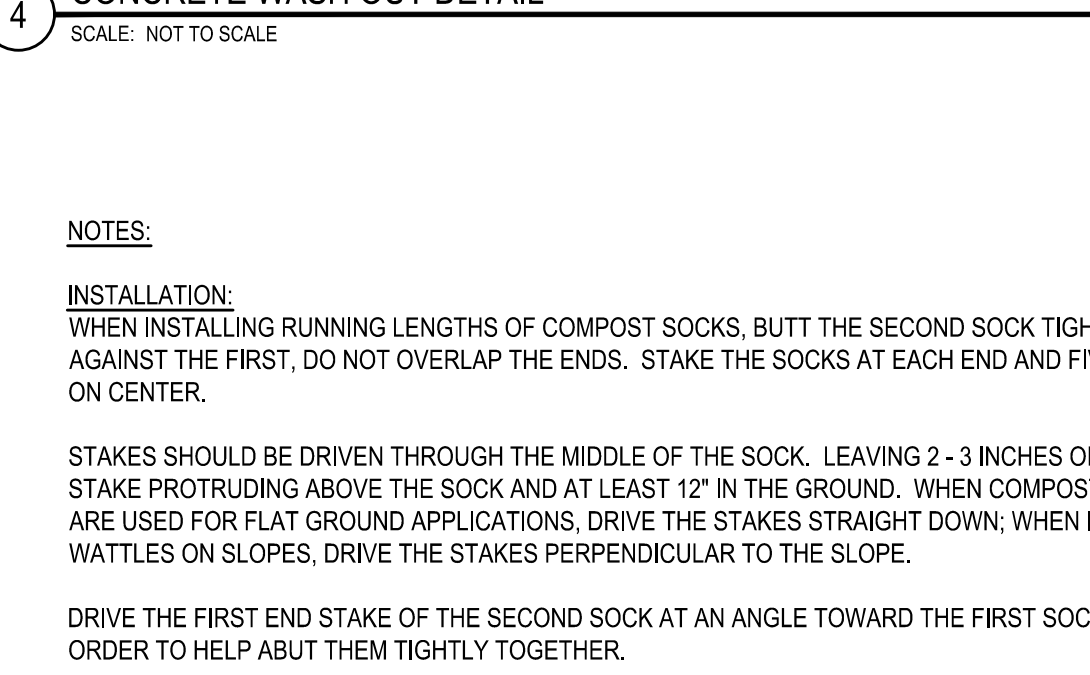
- INSTALLATION NOTES:**
1. COMPOST SOCKS SHALL BE INSTALLED PRIOR TO ANY LAND-DISTURBING ACTIVITIES.
 2. COMPOST SOCKS SHALL BE "SILT SOCK", "FILTEREXX" OR OTHER APPROVED FILTER FABRIC SOCK.
 3. COMPOST SOCKS SHALL BE FILLED WITH WOOD CHIPS OR COMPOST. SEE SPECIFICATIONS FOR APPROVED COMPOSITION OF WOOD CHIPS OR COMPOST.
 4. COMPOST SOCKS SHALL BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS.
 5. COMPOST SOCK SHALL BE IN CONSTANT CONTACT WITH THE GROUND SURFACE.
 6. WOOD STAKES SHALL BE USED TO SECURE THE WATTLES. 1/2" TO 5/8" REBAR IS ALSO ACCEPTABLE. BE SURE TO USE A STAKE THAT IS LONG ENOUGH TO PROTRUDE SEVERAL INCHES ABOVE THE WATTLE.
 7. EXCESS FABRIC SHALL BE WRAPPED AROUND THE STAKES.
 8. FOR INLETS NOT ON A CURB THE COMPOST SOCK SHALL BE TIED OFF AT BOTH ENDS WITH THE WIRE AND OVERLAPPED TO PROVIDE SUITABLE PROTECTION.
- MAINTENANCE:**
SEDIMENT ACCUMULATED BEHIND WATTLE SHALL BE REMOVED WHEN SEDIMENT HAS ACCUMULATED TO ONE-HALF THE DIAMETER OF THE SILT/COMPOST SOCK.

5. COMPOST/SILT SOCK INLET PROTECTION DETAIL



- NOTES:**
1. ALL TOOLS AND EQUIPMENT UTILIZED DURING ANY CONCRETE CONSTRUCTION, INCLUDING HAND TOOLS, WHEELBARROWS, TRUCKS, CHUTES SHALL UTILIZE THE CONCRETE WASHOUT AREA.
 2. WASHOUT AREA TO BE MAINTAINED AND CLEANED OUT PERIODICALLY TO PREVENT WASHWATER AND/OR SOLIDS FROM EXITING THE WASHOUT TRAP.

4. CONCRETE WASH OUT DETAIL



- NOTES:**
- INSTALLATION:**
WHEN INSTALLING RUNNING LENGTHS OF COMPOST SOCKS, BUTT THE SECOND SOCK TIGHTLY AGAINST THE FIRST. DO NOT OVERLAP THE ENDS. STAKE THE SOCKS AT EACH END AND FIVE FOOT ON CENTER.
- STAKES SHOULD BE DRIVEN THROUGH THE MIDDLE OF THE SOCK, LEAVING 2 - 3 INCHES OF THE STAKE PROTRUDING ABOVE THE SOCK AND AT LEAST 12" IN THE GROUND. WHEN COMPOST SOCKS ARE USED FOR FLAT GROUND APPLICATIONS, DRIVE THE STAKES STRAIGHT DOWN. WHEN INSTALLING WATTLES ON SLOPES, DRIVE THE STAKES PERPENDICULAR TO THE SLOPE.
- DRIVE THE FIRST END STAKE OF THE SECOND SOCK AT AN ANGLE TOWARD THE FIRST SOCK IN ORDER TO HELP ABUT THEM TIGHTLY TOGETHER.

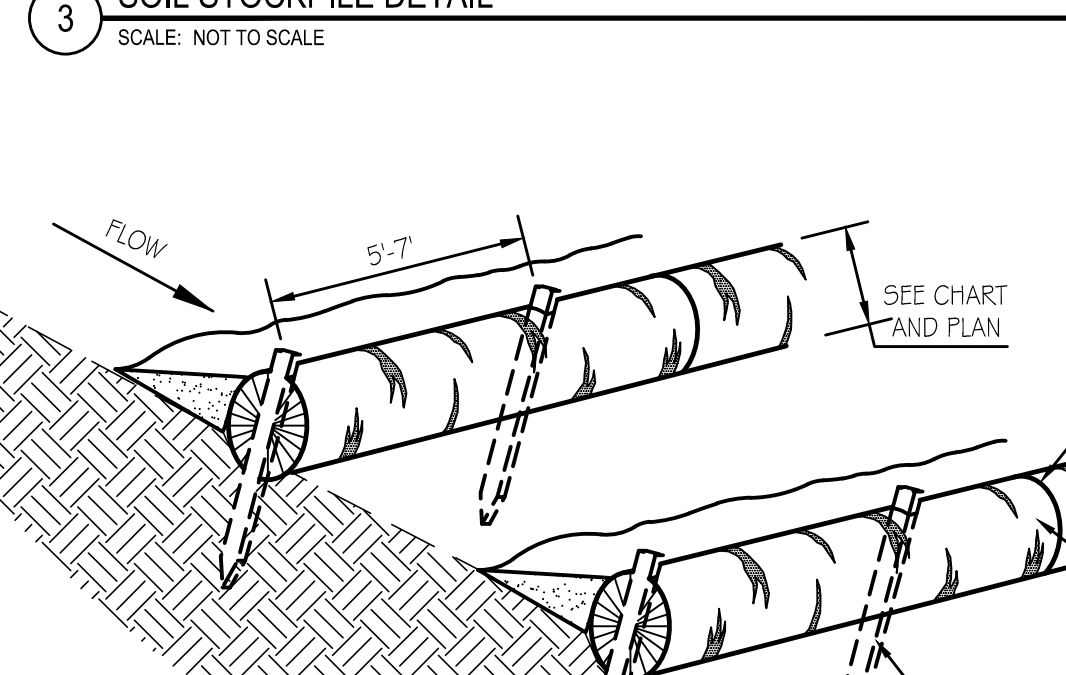
- INSTALLATION NOTES:**
1. COMPOST SOCKS SHALL BE INSTALLED PRIOR TO ANY LAND-DISTURBING ACTIVITIES.
 2. COMPOST SOCKS SHALL BE "SILT SOCK", "FILTEREXX" OR OTHER APPROVED FILTER FABRIC SOCK.
 3. COMPOST SOCKS SHALL BE FILLED WITH WOOD CHIPS OR COMPOST. SEE SPECIFICATIONS FOR APPROVED COMPOSITION OF WOOD CHIPS OR COMPOST.
 4. NOT FOR USE IN CONCENTRATED FLOW AREAS.
 5. COMPOST SOCKS SHALL BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS.
 6. ON SLOPES, COMPOST SOCKS SHOULD BE INSTALLED ON CONTOUR WITH A SLIGHT DOWNWARD ANGLE AT THE END OF THE ROW IN ORDER TO PREVENT PONDING AT THE MID SECTION.
 7. RUNNING LENGTHS OF SOCKS SHOULD BE ABUTTED FIRMLY TO ENSURE NO LEAKAGE AT THE ABUTMENTS.
 8. COMPOST SOCK SHALL BE IN CONSTANT CONTACT WITH THE GROUND SURFACE.
 9. WOOD STAKES SHALL BE USED TO SECURE THE WATTLES. 1/2" TO 5/8" REBAR IS ALSO ACCEPTABLE. BE SURE TO USE A STAKE THAT IS LONG ENOUGH TO PROTRUDE SEVERAL INCHES ABOVE THE WATTLE.

MAINTENANCE:
SEDIMENT ACCUMULATED BEHIND WATTLE SHALL BE REMOVED WHEN SEDIMENT HAS ACCUMULATED TO ONE-HALF THE DIAMETER OF THE WATTLE.

2. COMPOST OR SILT SOCK INSTALLATION DETAIL



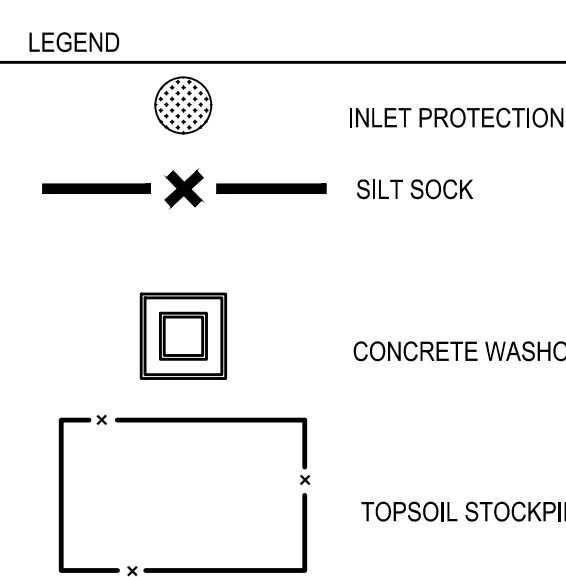
3. SOIL STOCKPILE DETAIL



- SOIL STOCKPILING NOTES:**
1. AREA CHOSEN FOR STOCKPILING OPERATIONS SHALL BE DRY AND STABLE.
 2. MAXIMUM SLOPE OF STOCKPILE SHALL BE 1:2.
 3. UPON COMPLETION OF SOIL STOCKPILING, EACH PILE SHALL BE SURROUNDED WITH SILT FENCING AND THEN STABILIZED WITH SEED OR SECURED IMPERVIOUS COVER.
 4. SEE SILT FENCE INSTALLATION DETAIL.

COMPOST SOCK DIAMETER CHART	
DIA. (IN)	SLOPE %
2	5
5	10
10	20
25	33
50	50
8	225
200	100
100	50
20	-
-	-

*LENGTH IN FEET



1. SITE GRADING AND EROSION CONTROL PLAN



1. SITE EROSION AND SEDIMENT CONTROL PLAN NOTES:

1. PROVIDE 8" SILT SOCK AS SHOWN ON PLAN. SEE DETAIL 1 ON THIS SHEET.
2. PROVIDE CONCRETE WASHOUT STATION. LOCATIONS TO BE DETERMINED BY CONTRACTOR ON SITE. SEE DETAIL 4 ON THIS SHEET.
3. PROVIDE INLET PROTECTION AS INDICATED ON THE PLAN. SEE DETAIL 5 ON THIS SHEET.
4. PROVIDE SOIL STOCK PILE LOCATION. SEE DETAIL 3 ON THIS SHEET. LOCATIONS TO BE DETERMINED BY CONTRACTOR ON SITE. APPROVED BY ARCHITECT AND CM.

HUNT ENGINEERS | ARCHITECTS | SURVEYORS
 ROCHESTER, NY 985-337-7840
 TOWANDA, PA 570-265-4688
 HORSEHEADS, NY 607-398-1000

DRAWN BY: BMW
 CHECKED BY: LGS
 DATE: 10/12/2022
 SCALE: AS SHOWN

DATE: 11/14/22
 BY: [Signature]
 DESCRIPTION OF REVISION:
 ISSUED FOR BID

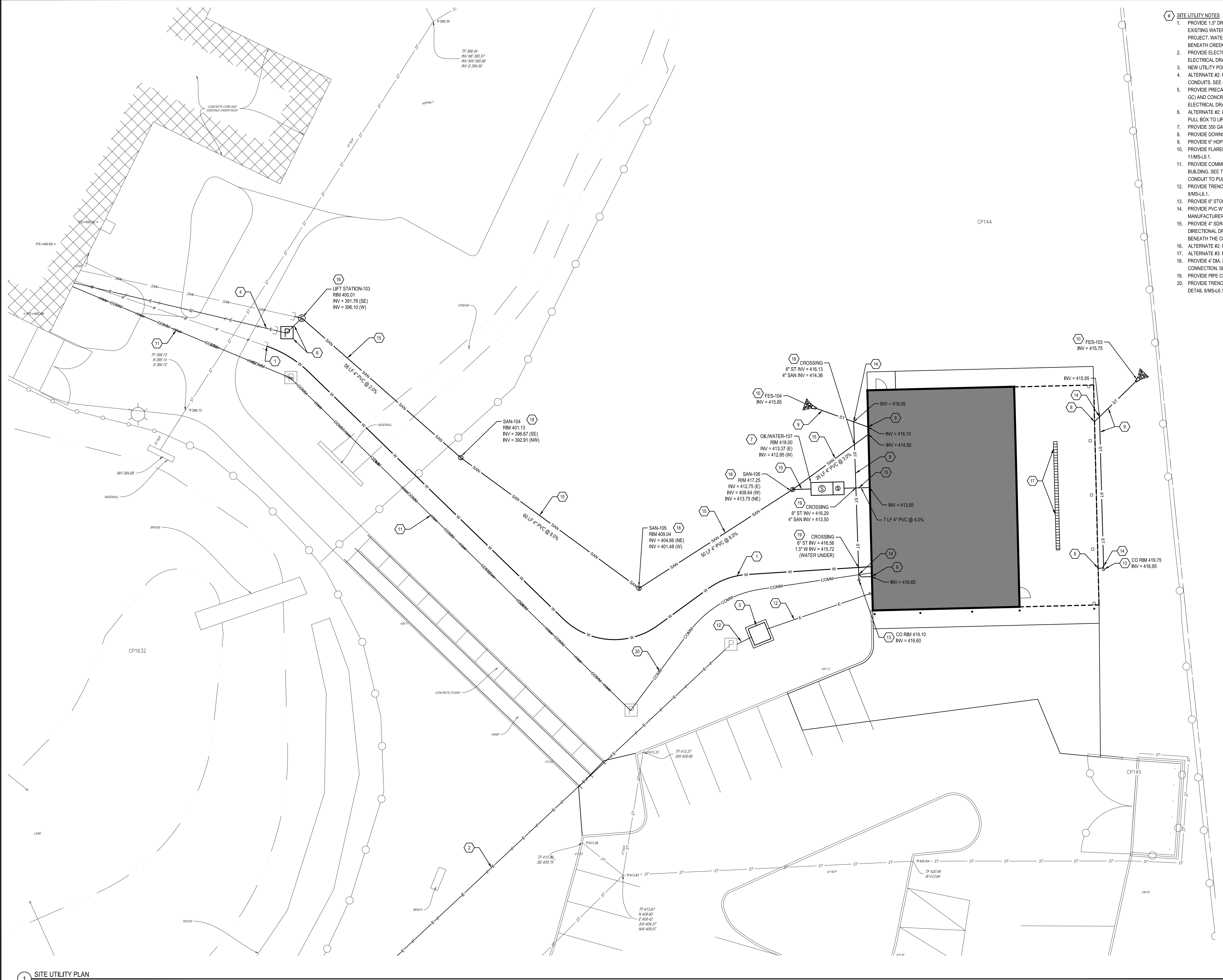
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 SCALE: 1" = 10'

PROJECT NO. 2288.004

MS-L4.1

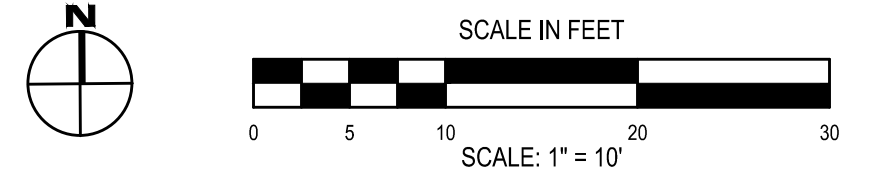
SITE GRADING AND EROSION CONTROL PLAN
 PHASE 1A - CAPITAL IMPROVEMENTS
 POCANTICO HILLS CSD
 599 BEDFORD STREET, SLEEPY HOLLOW, NY 10591

CENTRAL SCHOOL SED # 66-08-04-001-038; MAINTENANCE STORAGE BUILDING SED # 66-08-04-001-038-001



- 8 SITE UTILITY NOTES**
1. PROVIDE 1.5" DR-17 HDPE WATER SERVICE TO WITHIN 5' OF NEW BUILDING. CONNECT TO EXISTING WATER SERVICE FROM MAIN SCHOOL BUILDING INSTALLED DURING PHASE 1 PROJECT. WATER SERVICE TO BE DIRECTIONAL DRILLED WITH A MINIMUM OF 5' OF COVER BENEATH CREEK (DEPTH MEASURED FROM BED OF CREEK). SEE DETAIL 7MS-L6.1.
 2. PROVIDE ELECTRICAL SERVICE. UTILIZE EXISTING EMPTY CONDUIT TO PULL WIRE. SEE ELECTRICAL DRAWINGS FOR WIRING SIZE.
 3. NEW UTILITY POLE BY UTILITY COMPANY.
 4. ALTERNATE #2: PROVIDE ELECTRICAL AND CONTROL WIRING IN EXISTING ELECTRICAL CONDUITS. SEE DETAIL 8MS-L6.1 AND 1MS-L6.2.
 5. PROVIDE PRECAST ELECTRICAL TRANSFORMER VAULT (FURNISHED BY EC, INSTALLED BY GC) AND CONCRETE PAD. COORDINATE SERVICE WITH UTILITY COMPANY. SEE ELECTRICAL DRAWINGS AND DETAIL 2MS-L6.1.
 6. ALTERNATE #2: PROVIDE ELECTRICAL PULL BOX. PROVIDE ELECTRICAL CONDUIT FROM PULL BOX TO LIFT STATION. SEE DETAIL 8MS-L6.1 AND 1MS-L6.2.
 7. PROVIDE 350 GALLON OIL WATER SEPARATOR WITH GRIT CHAMBER. SEE DETAIL 7MS-L6.2.
 8. PROVIDE DOWNSPOUT TRANSITION AT BUILDING. SEE DETAIL 10MS-L6.1.
 9. PROVIDE 6" HDPE STORM PIPE. SEE DETAIL 9MS-L6.1.
 10. PROVIDE FLARED END SECTION AND RIPRAP OUTLET PROTECTION. SEE DETAILS 11MS-L6.1.
 11. PROVIDE COMMUNICATION WIRE FROM POLE BARN BUILDING BACK TO MAIN SCHOOL BUILDING. SEE TECHNOLOGY DRAWINGS. UTILIZE EXISTING EMPTY COMMUNICATION CONDUIT TO PULL WIRE.
 12. PROVIDE TRENCHING FOR ELECTRICAL CONDUIT. SEE ELECTRICAL DRAWINGS AND DETAIL 8MS-L6.1.
 13. PROVIDE 6" STORM CLEANOUT. SEE DETAIL 12MS-L6.1.
 14. PROVIDE PVC WYE CONNECTION TO PROPOSED STORM PIPE. INSTALL PER MANUFACTURER'S REQUIREMENTS.
 15. PROVIDE 4" SDR-35 PVC SANITARY SEWER AT SLOPES INDICATED (MIN. 2.0%). DIRECTIONAL DRILL OR BORE BENEATH THE CREEK. PROVIDE A MINIMUM OF 5' OF COVER BENEATH THE CREEK BED. SEE DETAIL 2MS-L6.2.
 16. ALTERNATE #2: PROVIDE SANITARY PUMP STATION. SEE DETAIL 1MS-L6.2.
 17. ALTERNATE #3: FLOOR DRAIN. SEE STRUCTURAL AND PLUMBING DRAWINGS.
 18. PROVIDE 4" DIA. PRECAST CONCRETE SANITARY MANHOLE WITH INTERIOR DROP CONNECTION. SEE DETAILS 36MS-L6.2.
 19. PROVIDE PIPE CROSSING SEPARATION OF MINIMUM 18 INCHES. SEE DETAILS 48MS-L6.2.
 20. PROVIDE TRENCHING FOR COMMUNICATION CONDUIT. SEE TECHNOLOGY DRAWINGS AND DETAIL 8MS-L6.1.

1 SITE UTILITY PLAN
SCALE: 1" = 10'



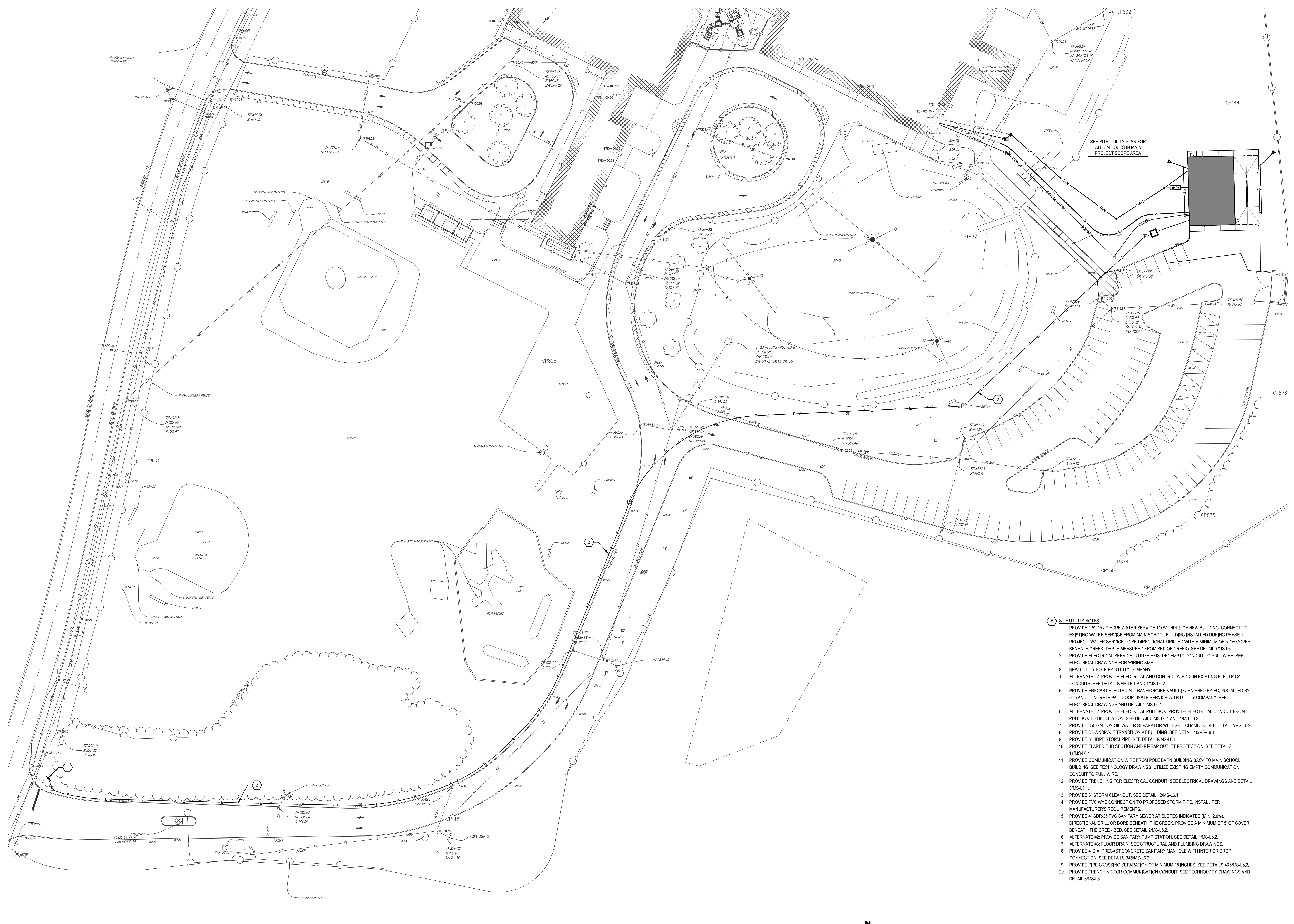
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CHECKED BY: LCO	
DATE: 10/12/2022	
SCALE: AS SHOWN	
BY:	
DATE:	
DESCRIPTION OF REVISION:	
ISSUED FOR BID:	
#	DATE
1	11/14/22

IT IS A VIOLATION OF THE LAW FOR ANY PERSON TO MAKE UNAUTHORIZED ALTERATIONS OR ADDITIONS TO PLANS OR TO REPRODUCE THESE PLANS WITHOUT THE WRITTEN CONSENT OF HUNT ENGINEERS ARCHITECTS & SURVEYORS.

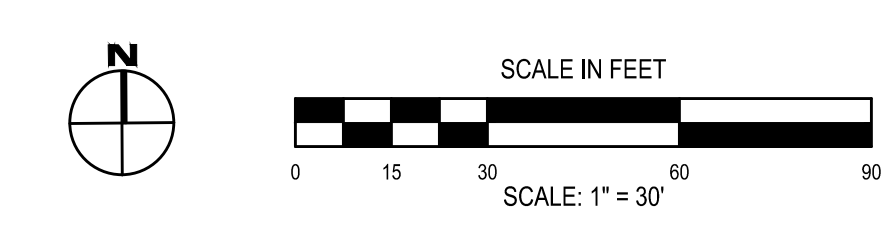
HUNT ENGINEERS ARCHITECTS & SURVEYORS
ROCHESTER, NY 585-327-7940
TOWANDA, PA 570-265-4688
HORSEHEADS, NY 607-358-1000

SITE UTILITY PLAN
PHASE 1A - CAPITAL IMPROVEMENTS
POCANTICO HILLS CSD
599 BEDFORD STREET, SLEEPY HOLLOW, NY 10591

MS-L5.1
PROJECT NO: 2288.001



1 OVERALL SITE UTILITY PLAN
SCALE: 1" = 30'



- 1 SITE UTILITY NOTES**
1. PROVIDE 1.5" DR-17 HDPE WATER SERVICE TO WITHIN 5' OF NEW BUILDING. CONNECT TO EXISTING WATER SERVICE FROM MAIN SCHOOL BUILDING INSTALLED DURING PHASE 1 PROJECT. WATER SERVICE TO BE DIRECTIONAL DRILLED WITH A MINIMUM OF 3' OF COVER BENEATH CREEK (DEPTH MEASURED FROM BED OF CREEK). SEE DETAIL 7MS-L6.1.
 2. PROVIDE ELECTRICAL SERVICE. UTILIZE EXISTING EMPTY CONDUIT TO PULL WIRE. SEE ELECTRICAL DRAWINGS FOR WIRING SIZE.
 3. NEW UTILITY POLE BY UTILITY COMPANY.
 4. ALTERNATE #2: PROVIDE ELECTRICAL AND CONTROL WIRING IN EXISTING ELECTRICAL CONDUITS. SEE DETAIL 8MS-L6.1 AND 1MS-L6.2.
 5. PROVIDE PRECAST ELECTRICAL TRANSFORMER VAULT (FURNISHED BY EC, INSTALLED BY GC) AND CONCRETE PAD. COORDINATE SERVICE WITH UTILITY COMPANY. SEE ELECTRICAL DRAWINGS AND DETAIL 2MS-L6.1.
 6. ALTERNATE #2: PROVIDE ELECTRICAL PULL BOX. PROVIDE ELECTRICAL CONDUIT FROM PULL BOX TO LIFT STATION. SEE DETAIL 8MS-L6.1 AND 1MS-L6.2.
 7. PROVIDE 350 GALLON OIL WATER SEPARATOR WITH GRIT CHAMBER. SEE DETAIL 7MS-L6.2.
 8. PROVIDE DOWNSPOT TRANSITION AT BUILDING. SEE DETAIL 10MS-L6.1.
 9. PROVIDE 6" HDPE STORM PIPE. SEE DETAIL 9MS-L6.1.
 10. PROVIDE FLARED END SECTION AND RIPRAP OUTLET PROTECTION. SEE DETAILS 11MS-L6.1.
 11. PROVIDE COMMUNICATION WIRE FROM POLE BARN BUILDING BACK TO MAIN SCHOOL BUILDING. SEE TECHNOLOGY DRAWINGS. UTILIZE EXISTING EMPTY COMMUNICATION CONDUIT TO PULL WIRE.
 12. PROVIDE TRENCHING FOR ELECTRICAL CONDUIT. SEE ELECTRICAL DRAWINGS AND DETAIL 8MS-L6.1.
 13. PROVIDE 6" STORM CLEANOUT. SEE DETAIL 12MS-L6.1.
 14. PROVIDE PVC WYE CONNECTION TO PROPOSED STORM PIPE. INSTALL PER MANUFACTURER'S REQUIREMENTS.
 15. PROVIDE 4" SDR-35 PVC SANITARY SEWER AT SLOPES INDICATED (MIN. 2.0%). DIRECTIONAL DRILL OR BORE BENEATH THE CREEK. PROVIDE A MINIMUM OF 5' OF COVER BENEATH THE CREEK BED. SEE DETAIL 2MS-L6.2.
 16. ALTERNATE #2: PROVIDE SANITARY PUMP STATION. SEE DETAIL 1MS-L6.2.
 17. ALTERNATE #3: FLOOR DRAIN. SEE STRUCTURAL AND PLUMBING DRAWINGS.
 18. PROVIDE 4" DIA. PRECAST CONCRETE SANITARY MANHOLE WITH INTERIOR DROP CONNECTION. SEE DETAILS 385MS-L6.2.
 19. PROVIDE PIPE CROSSING SEPARATION OF MINIMUM 18 INCHES. SEE DETAILS 486MS-L6.2.
 20. PROVIDE TRENCHING FOR COMMUNICATION CONDUIT. SEE TECHNOLOGY DRAWINGS AND DETAIL 8MS-L6.1.

CENTRAL SCHOOL SED # 66-09-00-001-008, MAINTENANCE STORAGE BUILDING SED # 66-09-02-04-006-001

OVERALL SITE UTILITY PLAN
PHASE 1A - CAPITAL IMPROVEMENTS
POCANTICO HILLS CSD
599 BEDFORD STREET, SLEEPY HOLLOW, NY 10591

MS-L5.2
PROJECT NO. 3288.004

DATE	11/14/22	DESCRIPTION OF REVISION	ISSUED FOR BID
BY			
CHECKED BY	BMV		
DATE	10/12/2022		
CHECKED BY	LG		
SCALE	AS SHOWN		

HUNT ENGINEERS | ARCHITECTS | SURVEYORS
TOWANDA, PA. 670-265-1688
ROCHESTER, NY 585-327-7940
HORSEHEADS, NY 607-358-1000

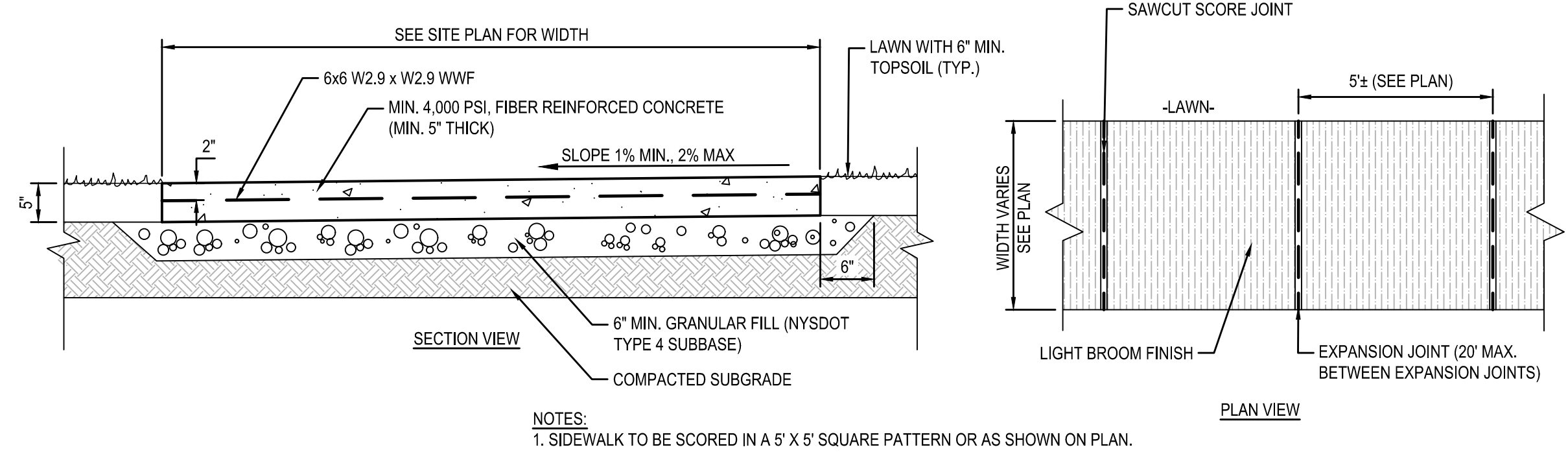
ISSUED FOR BID

IT IS A VIOLATION OF THE LAW FOR ANY PERSON TO MAKE UNAUTHORIZED ALTERATIONS OR ADDITIONS TO PLANS DRAWN BY LICENSED ENGINEERS, ARCHITECTS OR SURVEYORS.

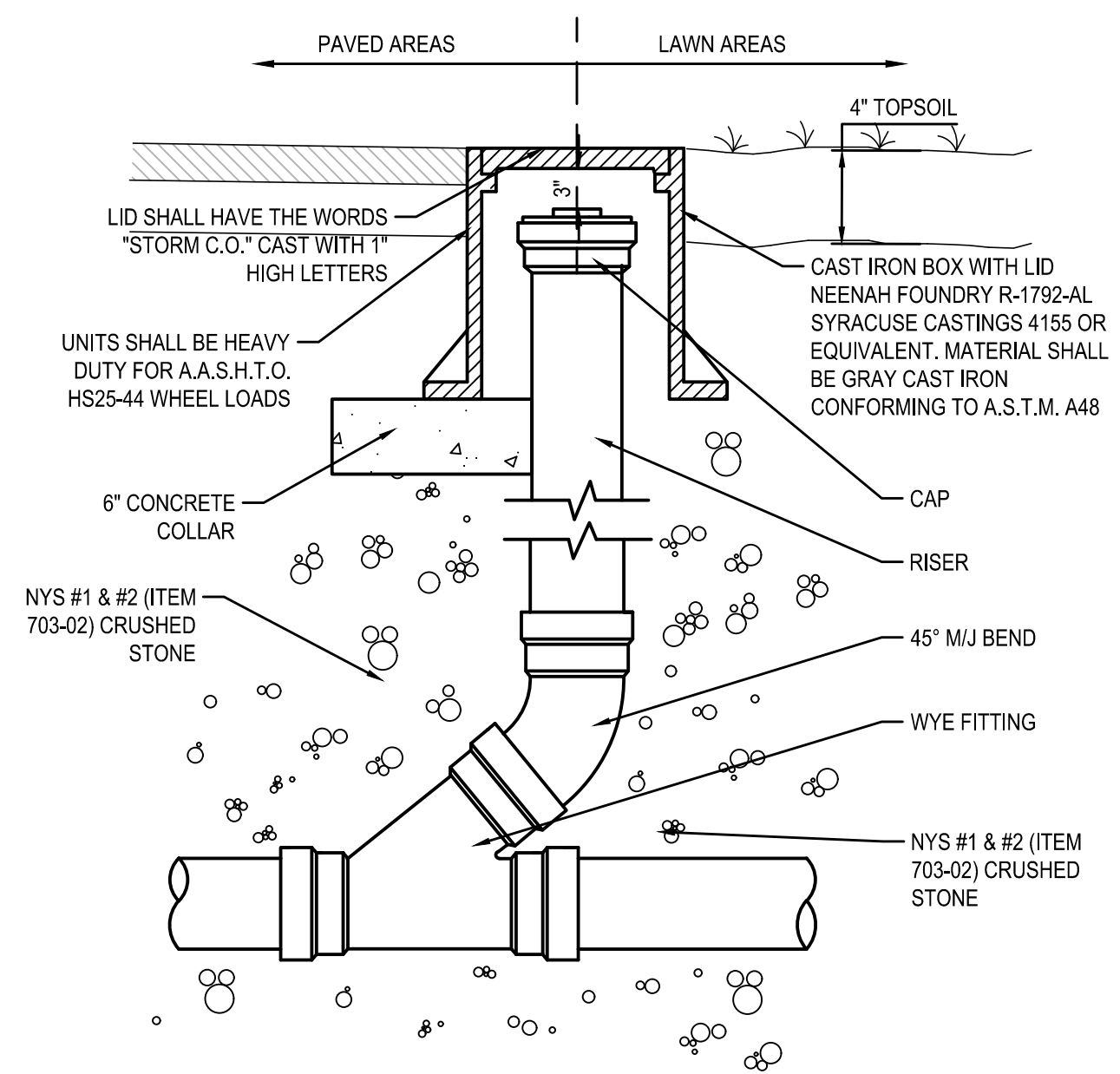
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 SCALE: AS SHOWN
 BY:
 DESCRIPTION OF REVISION:
 ISSUED FOR BID
 # DATE: 11/14/22
 1
 IT IS A VIOLATION OF THE LAW FOR ANY PERSON TO MAKE UNAUTHORIZED ALTERATIONS OR ADDITIONS TO PLANS DRAWN OR PREPARED BY A REGISTERED PROFESSIONAL ENGINEER OR ARCHITECT OR SURVEYOR.

HUNT
 ENGINEERS | ARCHITECTS | SURVEYORS
 TOWANDA, PA 17865-4688
 ROCHESTER, NY 985-337-7940
 HORSEHEADS, NY 607-398-1000

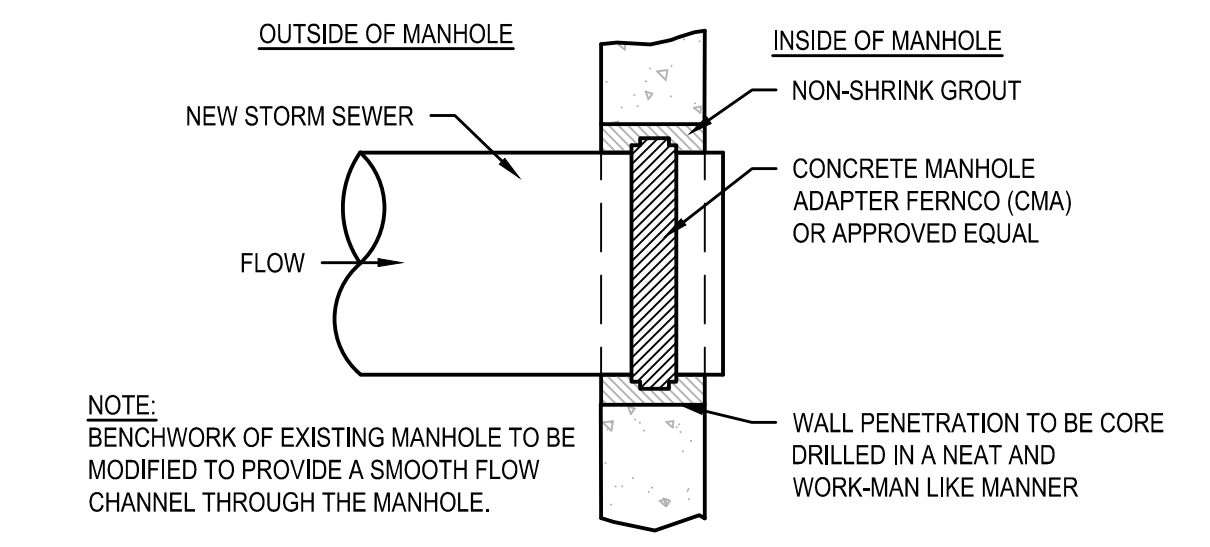
SITE DETAILS
 PHASE 1A - CAPITAL IMPROVEMENTS
 POCANTICO HILLS CSD
 599 BEDFORD STREET, SLEEPY HOLLOW, NY 10591
 MS-L6.1
 PROJECT NO. 2288.001



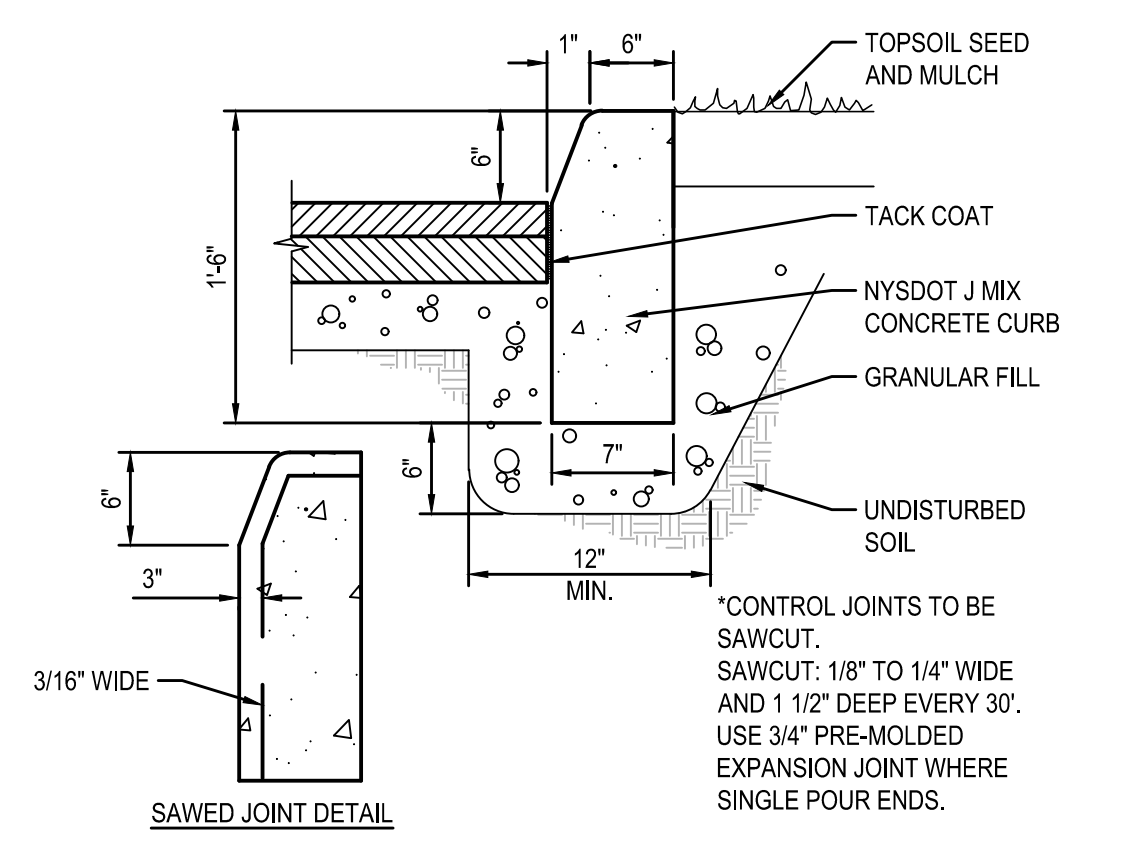
13 CONCRETE SIDEWALK DETAIL
SCALE: N.T.S.



12 STORM CLEANOUT DETAIL
SCALE: N.T.S.

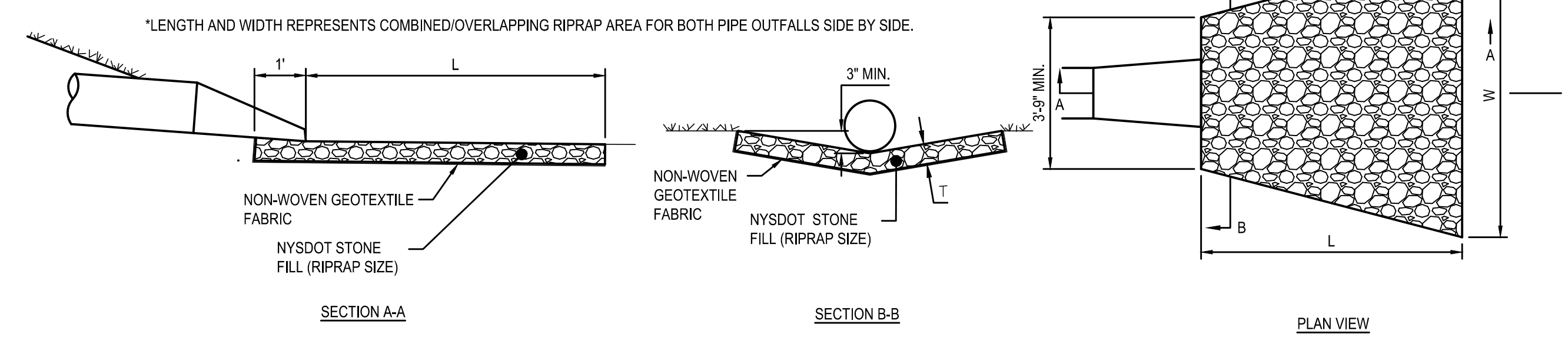


15 EXISTING STORM STRUCTURE CONNECTION DETAIL
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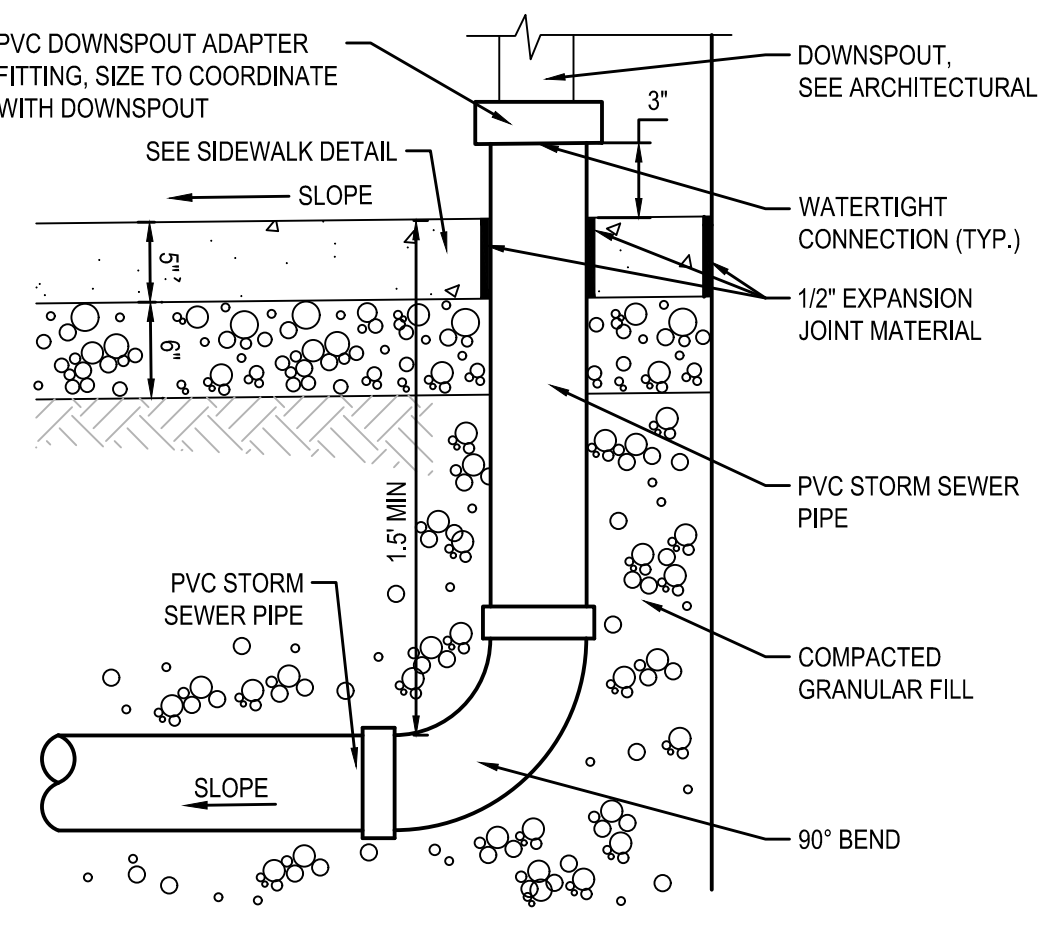


14 FIXED FORMED CONCRETE CURB DETAIL
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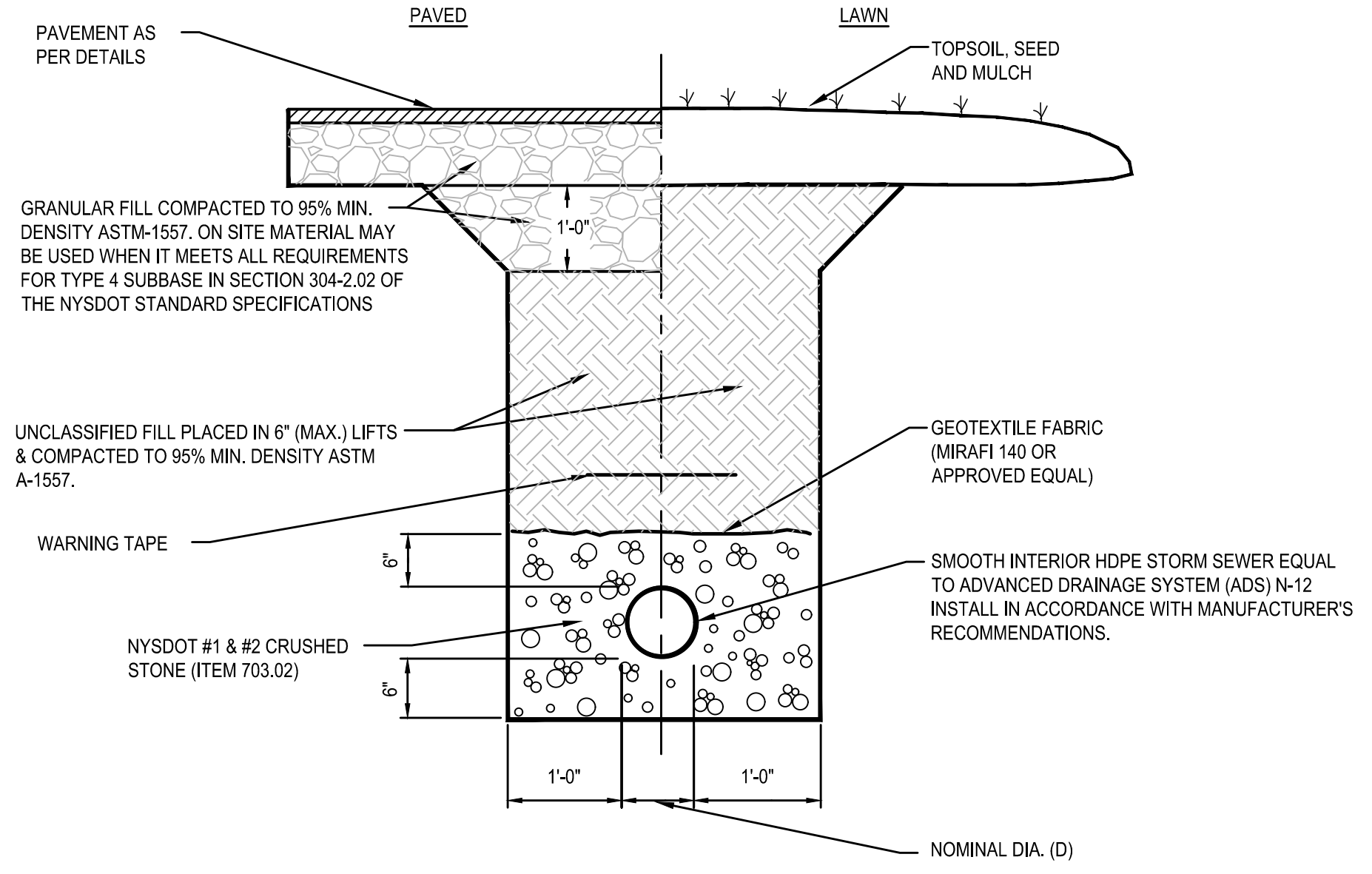
OUTFALL APRON SIZING					
OUTFALL #	LENGTH (L) FEET	WIDTH (W) FEET	d50	RIPRAP SIZE	MIN. THICKNESS (T)
001	6	7		FINE	9"



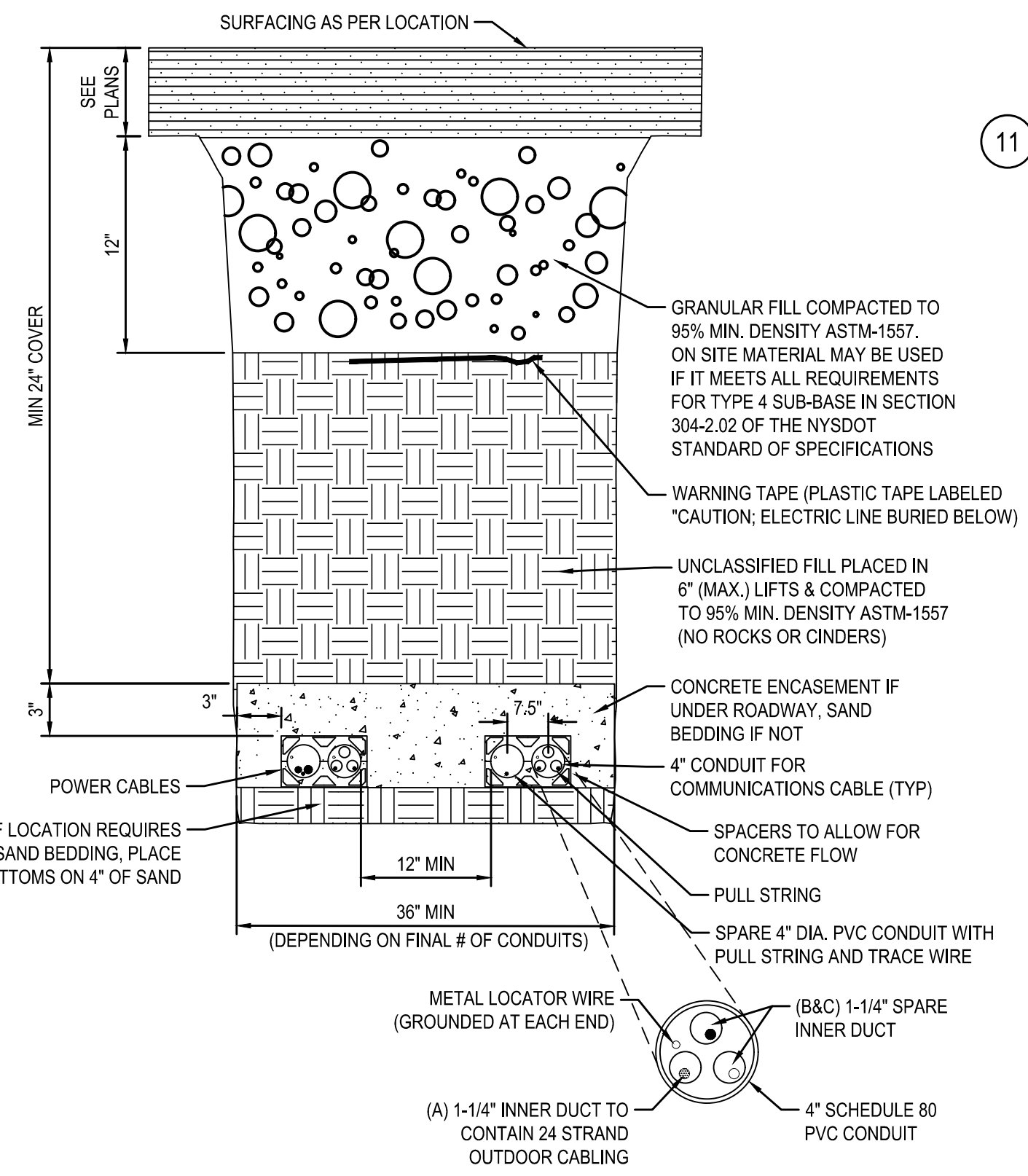
11 STORM SEWER END SECTION DETAIL
SCALE: N.T.S.



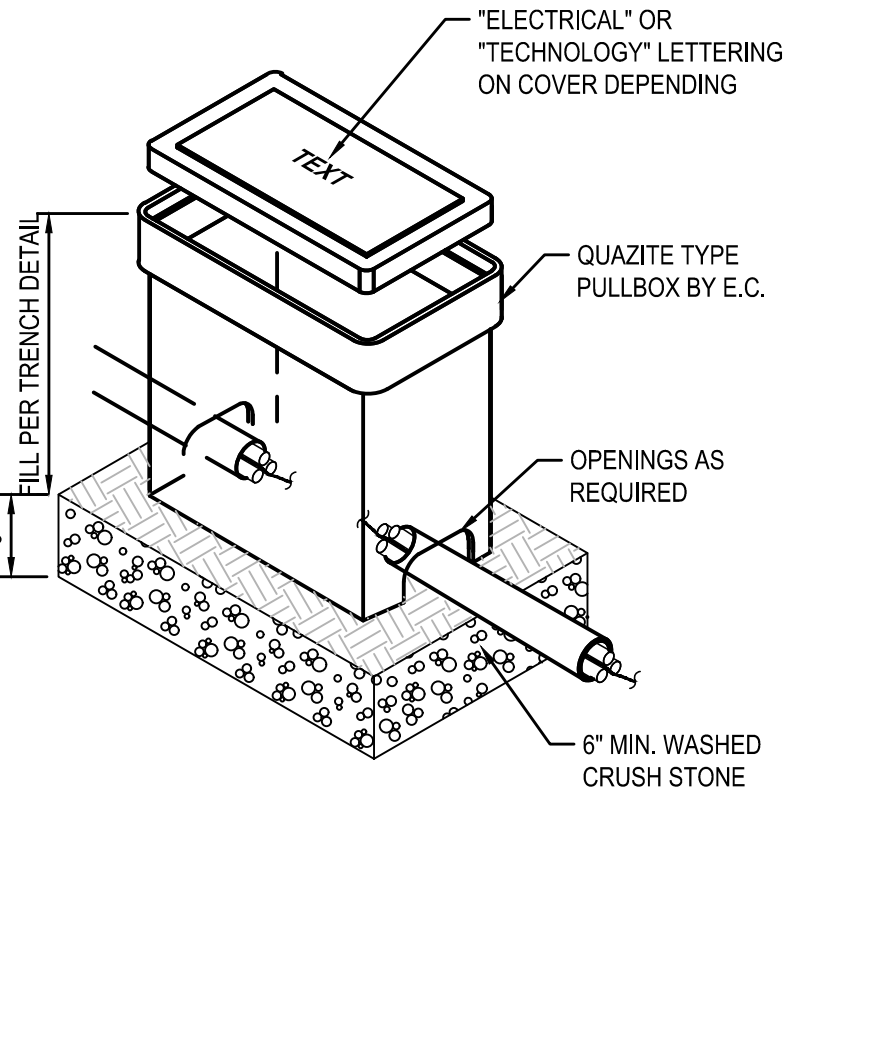
10 ROOF DRAIN ADAPTER DETAIL
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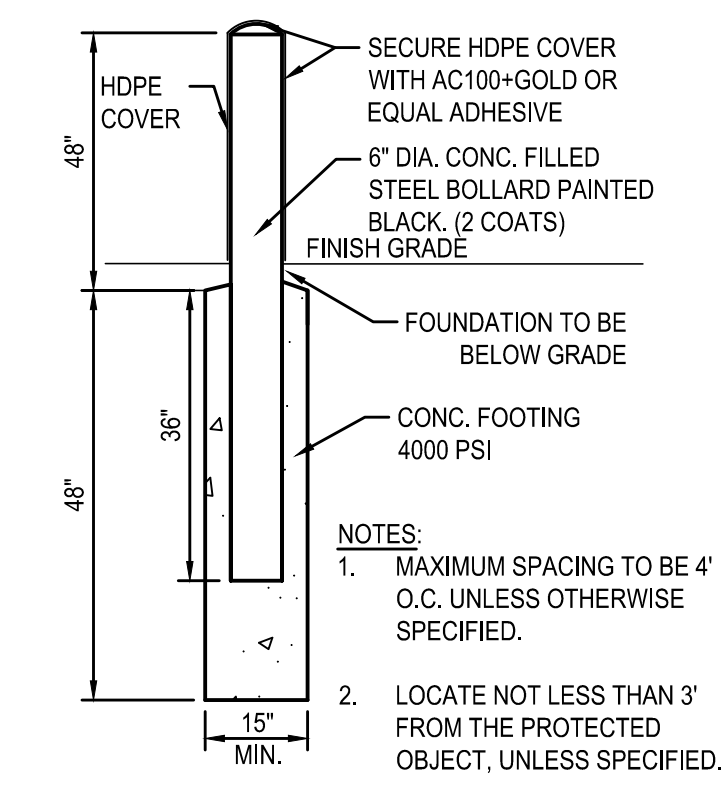
9 TYPICAL STORM SEWER DETAILS
SCALE: N.T.S.



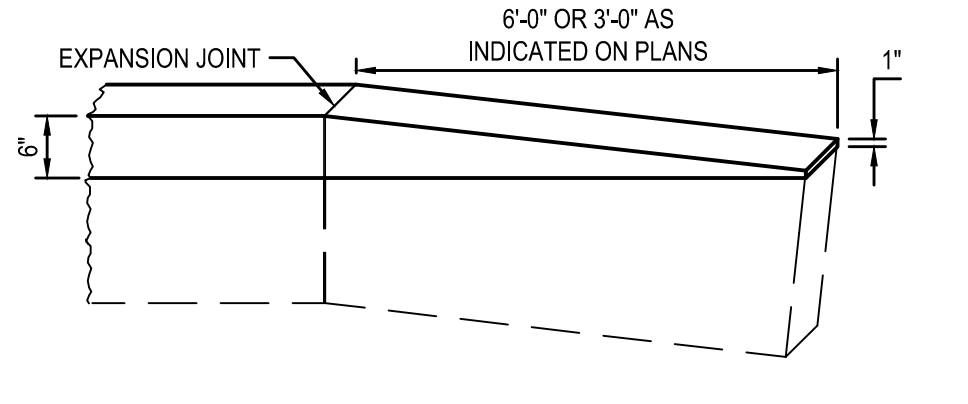
8 ELECTRICAL & COMMUNICATIONS TRENCH WITH PULL BOX DETAIL
SCALE: N.T.S.



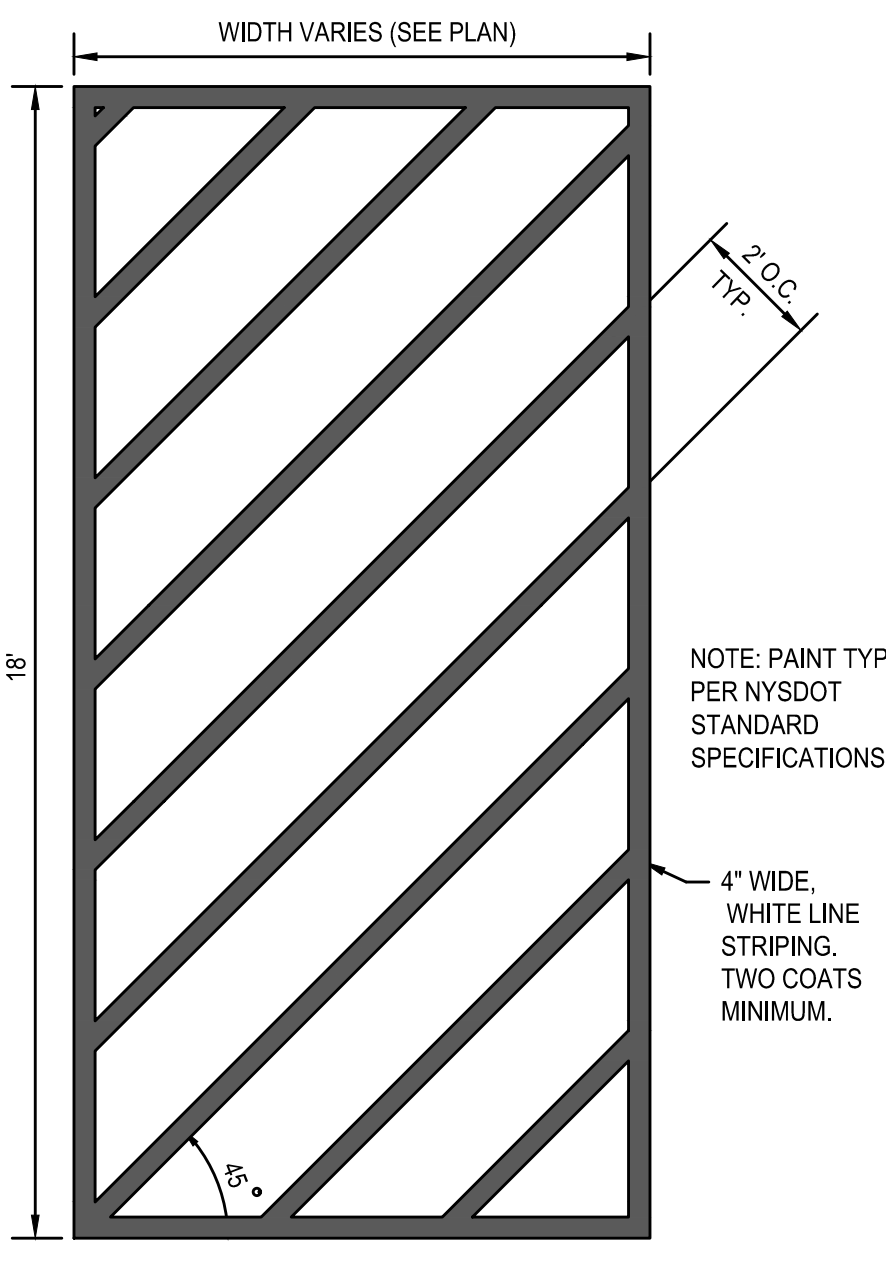
7 WATERMAIN TRENCH SECTION
SCALE: N.T.S.



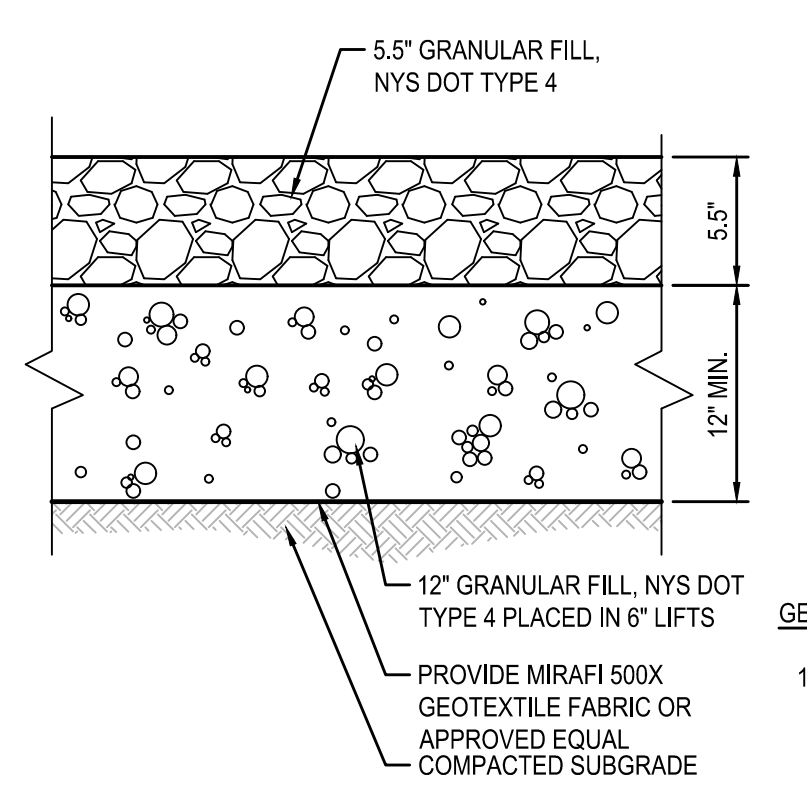
6 STEEL BOLLARD DETAIL
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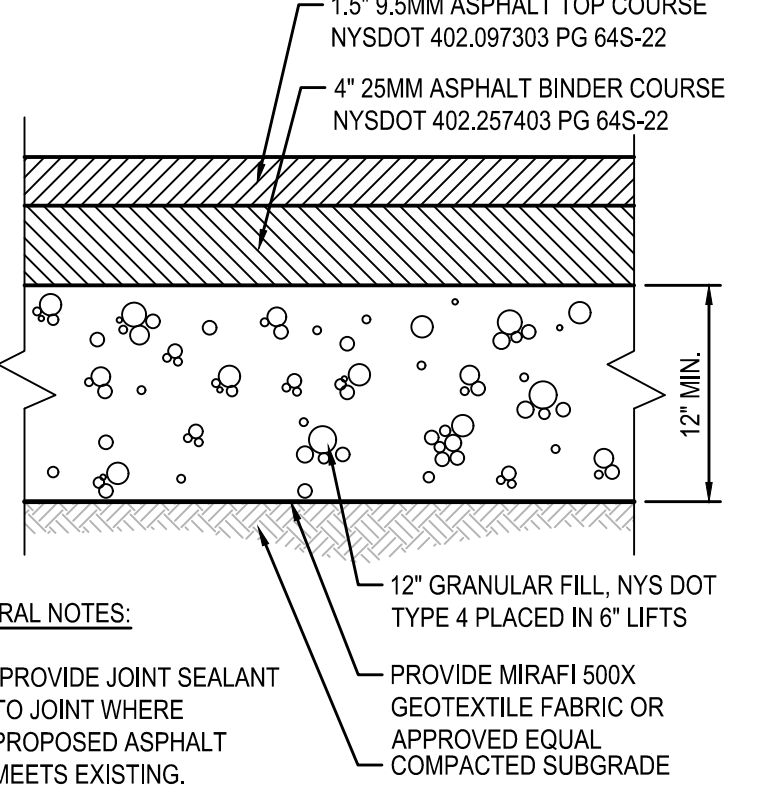
5 CURB TAPER DETAIL
SCALE: N.T.S.



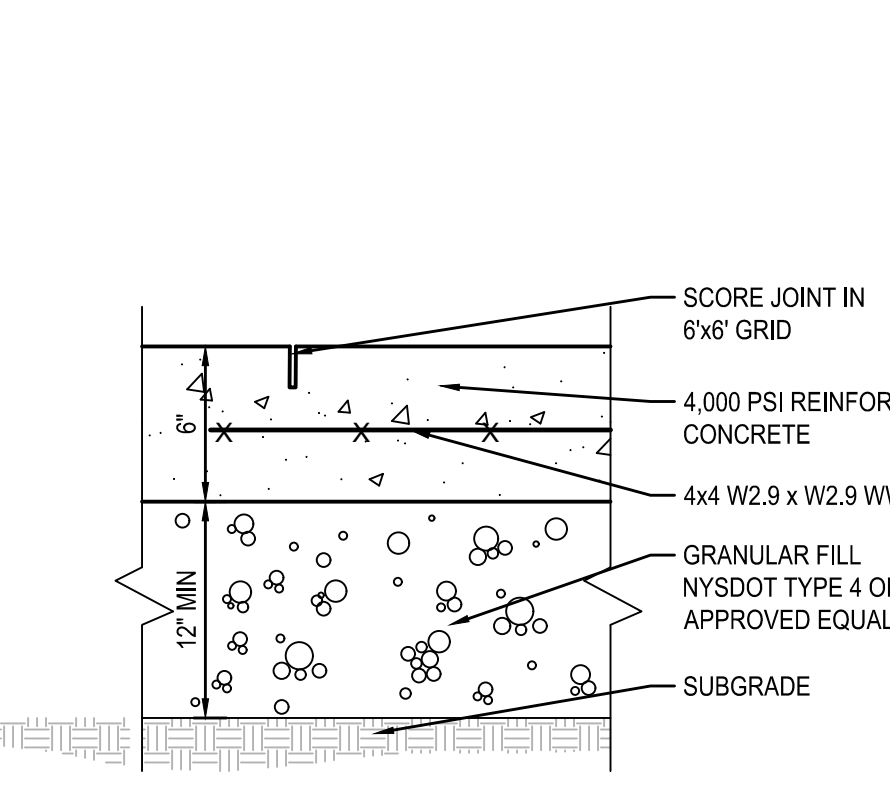
4 STRIPING DETAIL
SCALE: N.T.S.



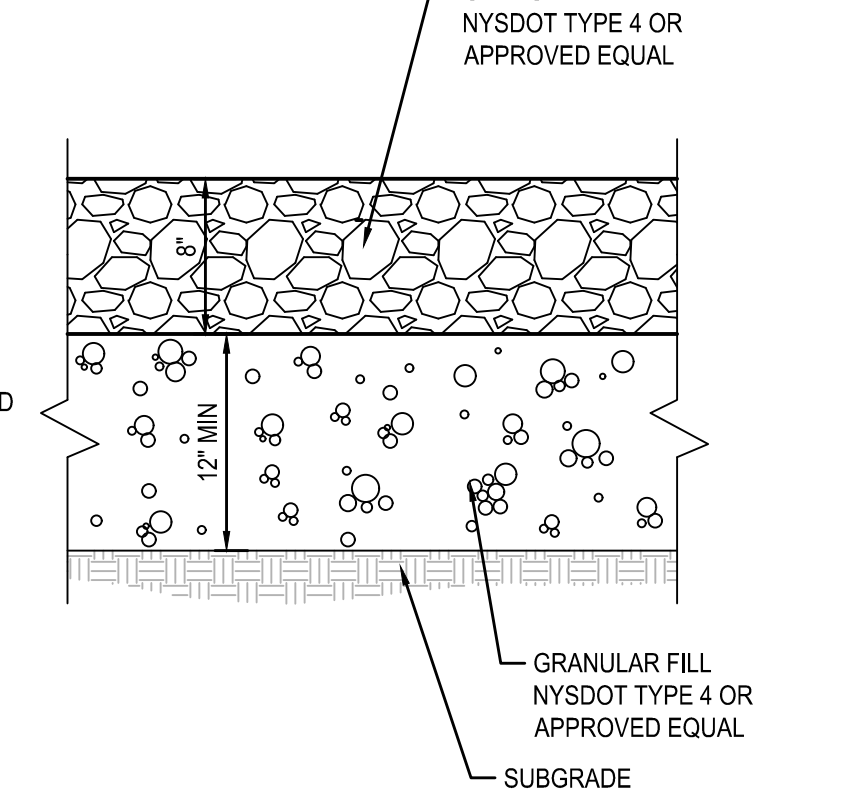
3 GRAVEL AND SUBBASE DETAIL
SCALE: N.T.S.



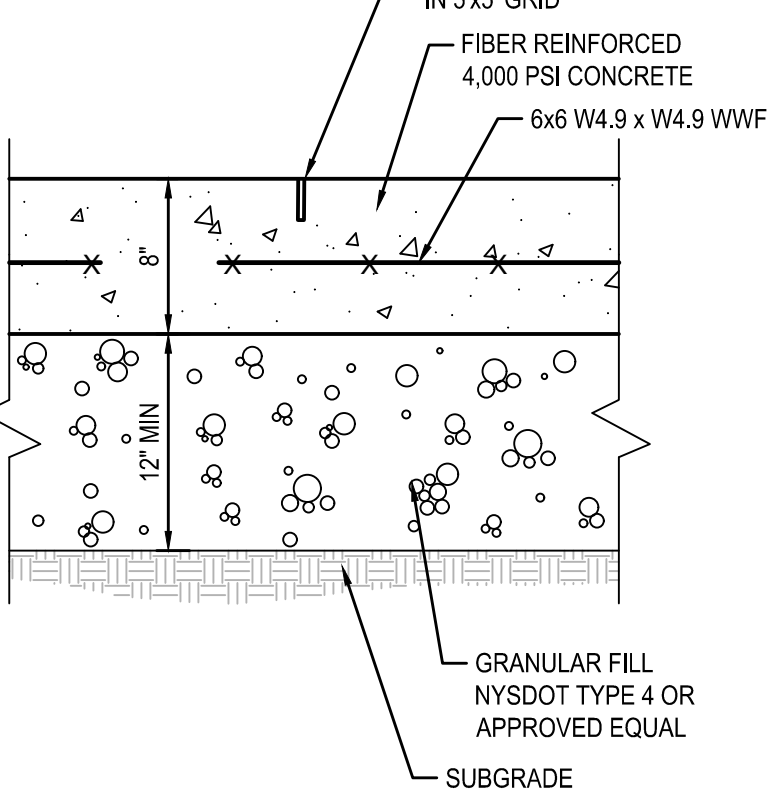
3A HEAVY DUTY ASPHALT PAVEMENT
SCALE: N.T.S.



2 CONCRETE PAD DETAIL
SCALE: N.T.S.

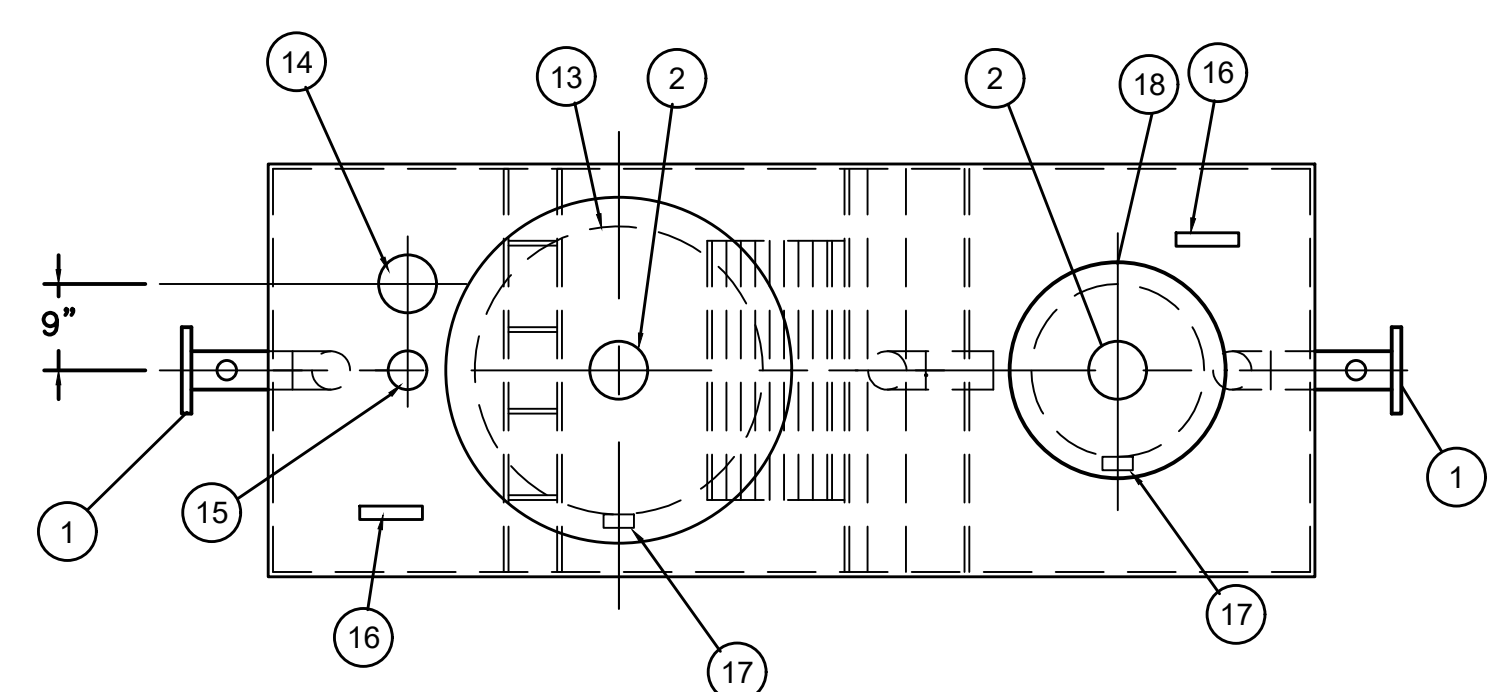


1 GRAVEL AND SUBBASE DETAIL
SCALE: N.T.S.



1A HEAVY DUTY CONCRETE PAD
SCALE: N.T.S.

GENERAL SPECIFICATIONS
 NO. REQ'D: (1)
 CAPACITY: 350 GALLONS
 TYPE: HTC-G, HIGHGUARD, SINGLE WALL
 MATERIAL: MILD CARBON STEEL
 FLOW RATE: 35 GPM
 GAUGE: BASED ON 60" MAX BURIAL
 SHELL- 7 GA.
 HEADS- 7 GA.
 SURFACE PREP:
 SSPC NO.6 BLAST ALL EXTERIOR SURFACES
 SSPC NO.10 BLAST ALL INTERIOR SURFACES
 COATING: MATERIAL THICKNESS
 EXTERIOR- HIGHGUARD (75 MILS)
 INTERIOR- CHEMLINE 4200 PW (15 MILS)
 CONSTRUCTION :
 LAP FIT & WELD ALL EXTERIOR SEAMS
 OPERATING PRESSURE : ATMOSPHERIC

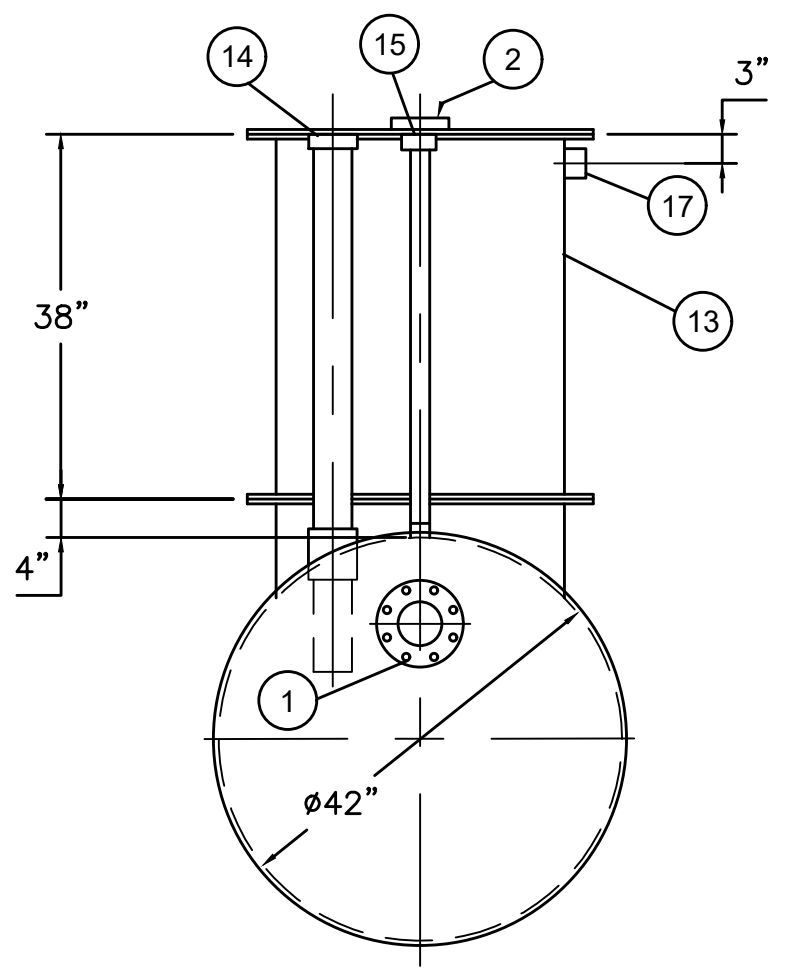


PLAN

- PROVIDED EQUIPMENT**
- 150# R.F.S.O. FLANGE W/ 2" FNPT FOR VENT
 - 4" FNPT FOR GAUGE WITH PLUG
 - VELOCITY HEAD DIFFUSION BAFFLE
 - WEAR PLATE
 - SEDIMENT CHAMBER
 - UNDERFLOW BAFFLE (REMOVABLE)
 - SLUDGE BAFFLE
 - STRIKER PLATES
 - PARALLEL CORRUGATED PLATE COALESCER. CORELLA PVC PLATES (3" PLATE SPACING)
 - OIL/WATER SEPARATOR CHAMBER
 - 6" THICK PETROSCREEN COALESCER MATERIAL INSTALLED W/ PULL ROD SHIPPED LOOSE
 - STEEL OUTLET DOWNCOMER
 - 30" MANWAY WITH BOLT-ON EXTENSION SHIPPED LOOSE
 - 4" FNPT FOR OIL PUMP-OUT WITH INTERNAL PVC PIPE INSTALLED & RISER PIPE SHIPPED LOOSE
 - 2" FNPT FOR LEVEL SENSOR WITH RISER PIPE SHIPPED LOOSE
 - LIFTING LUG
 - 2" FNPT FOR VENT
 - 18" MANWAY WITH BOLT-ON EXTENSION SHIPPED LOOSE
 - STEEL TRANSFER PIPING
 - 7 GA. BULKHEAD
 - SLUDGE CHAMBER

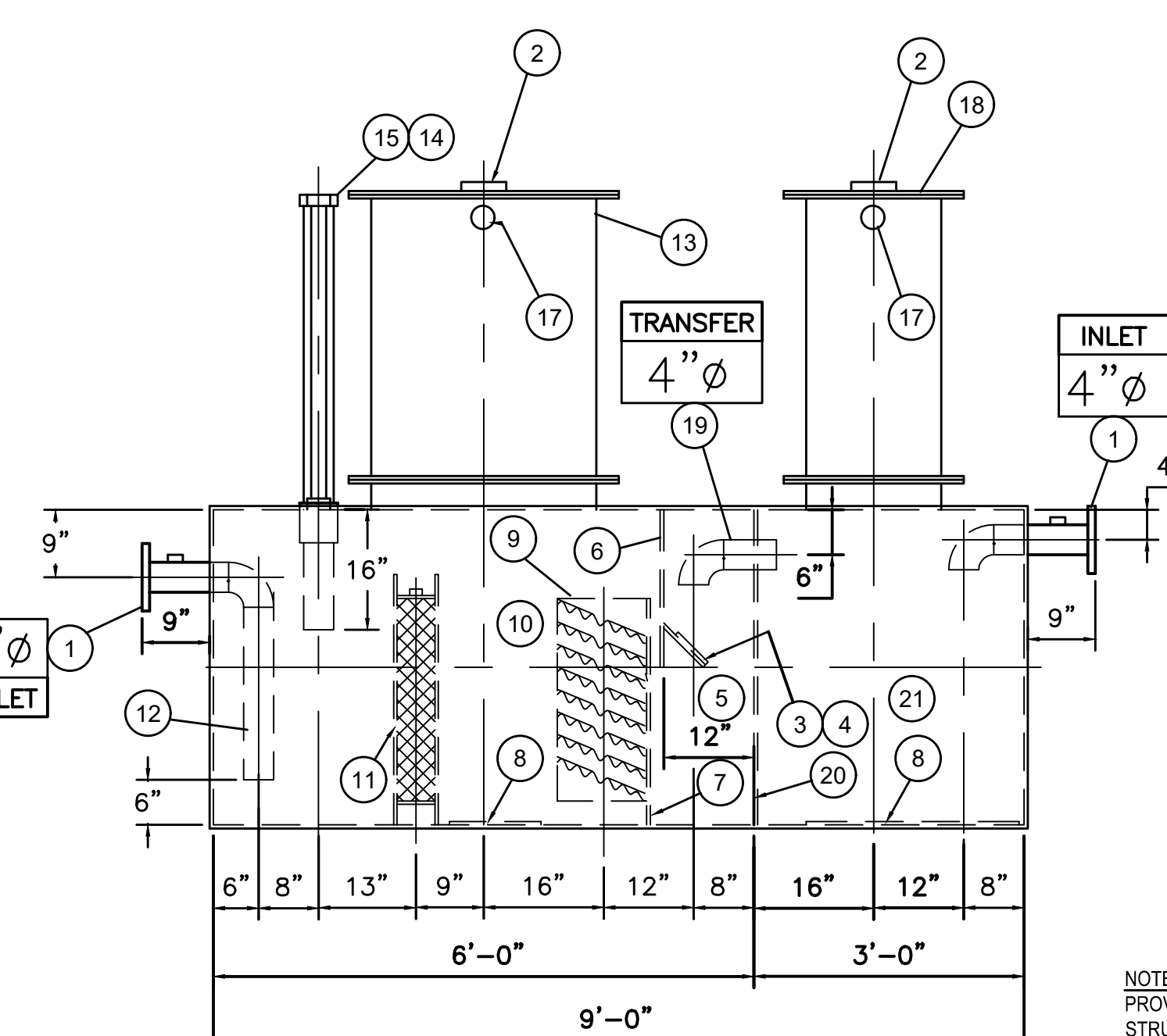
- ANCILLARY PROVIDED EQUIPMENT**
- (2) 30" FIBREX MANWAY GASKETS
 - (2) SETS OF NUTS/BOLTS/WASHERS FOR 30" MANWAY
 - (2) 18" FIBREX MANWAY GASKETS
 - (2) SETS OF NUTS/BOLTS/WASHERS FOR 18" MANWAY

- NOTES**
- POLYURETHANE HIGHGUARD TANK IS NOT APPROVED FOR THE STORAGE OF HEATED PRODUCTS
 - ALL VENT PIPING BY INSTALLER
 - 15000 VOLT SPARK TEST PROVIDED AT FACTORY



END VIEW

NOTE :
 ALL RIGHTS RESERVED. THIS DRAWING OR ANY PART THEREOF MUST NOT BE REPRODUCED IN ANY FORM WITHOUT THE WRITTEN PERMISSION OF HUNT TANK. HUNT TANK SHALL BE RESPONSIBLE ONLY FOR ITEMS INDICATED ON THIS FABRICATION DRAWING UNLESS OTHERWISE NOTED. CUSTOMER IS RESPONSIBLE FOR VERIFYING CORRECTNESS OF SIZE / LOCATION OF FITTINGS , ACCESSORIES & COATINGS SHOWN ON THIS DRAWING



ELEVATION

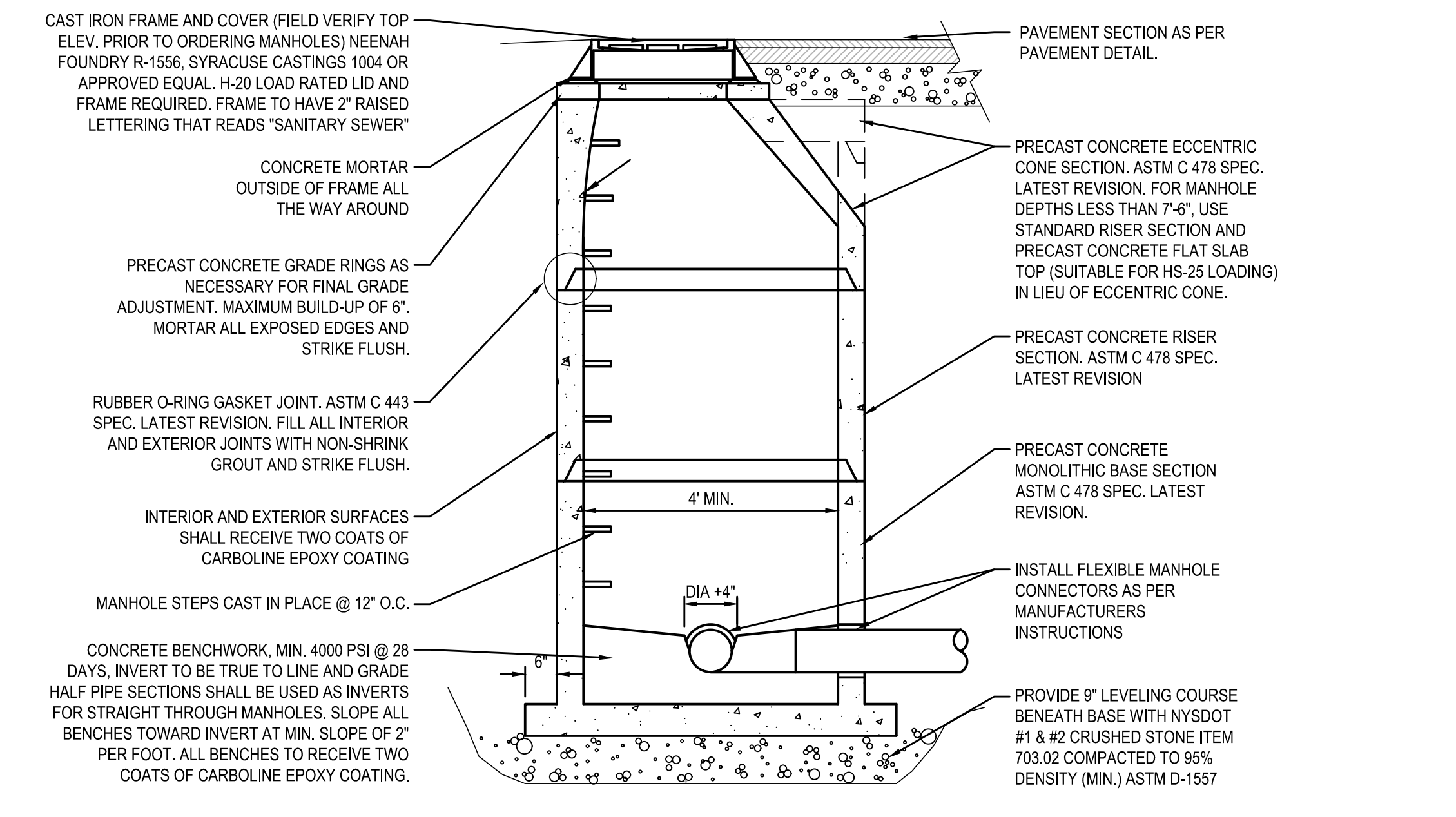
NOTE:
 PROVIDE 12" GRANULAR FILL BENEATH STRUCTURE. INSTALL PER MANUFACTURERS REQUIREMENTS.

REVISIONS

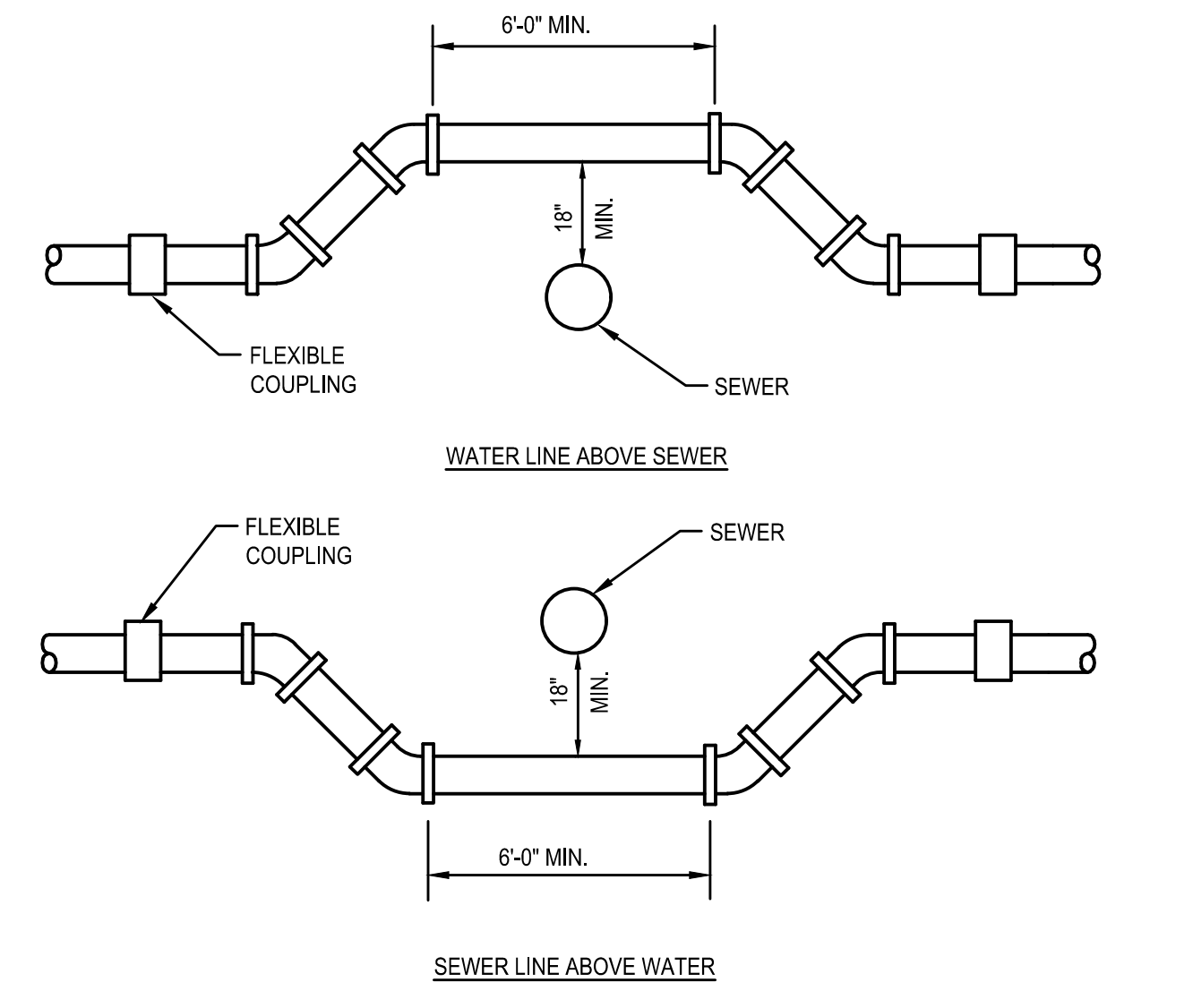
1	ISSUED FOR PERMITS
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Hunt Tank
 U.S. Patent #4,722,800 Canadian Patent # 1,296,263
 350 GALLON OIL WATER SEPARATOR
 HTC-G, HIGHGUARD, SINGLE WALL
 CUSTOMER:
 PROJECT:
 QUOTE NO.: 00350HGSHWTCG
 DATE: 1/21/07
 DWO. BY: DWO. NO.: 00350HGSHWTCG

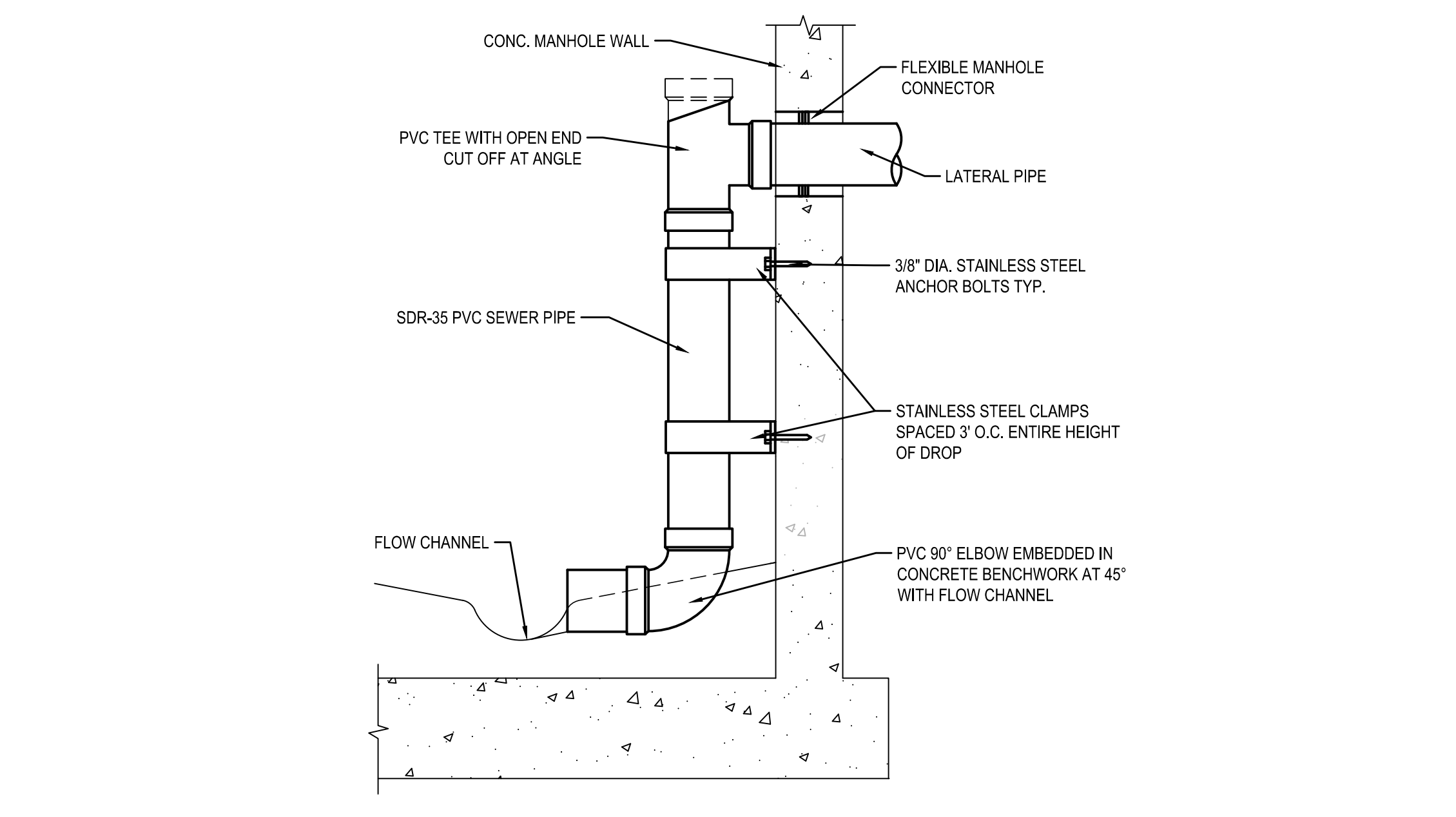
350 GALLON OIL WATER SEPARATOR
 SCALE: N.T.S.



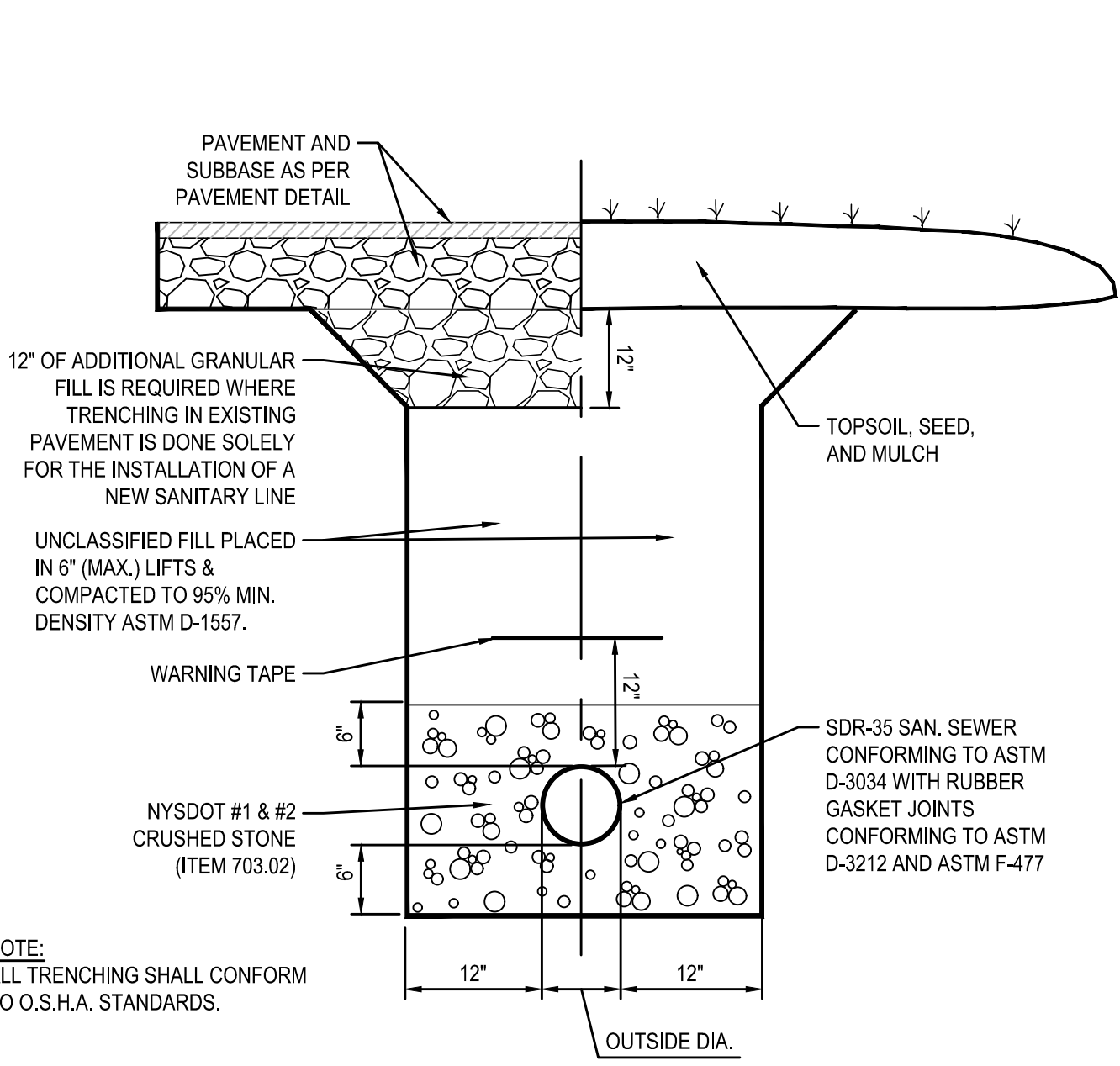
PRECAST CONCRETE SANITARY MANHOLE DETAIL
 SCALE: N.T.S.



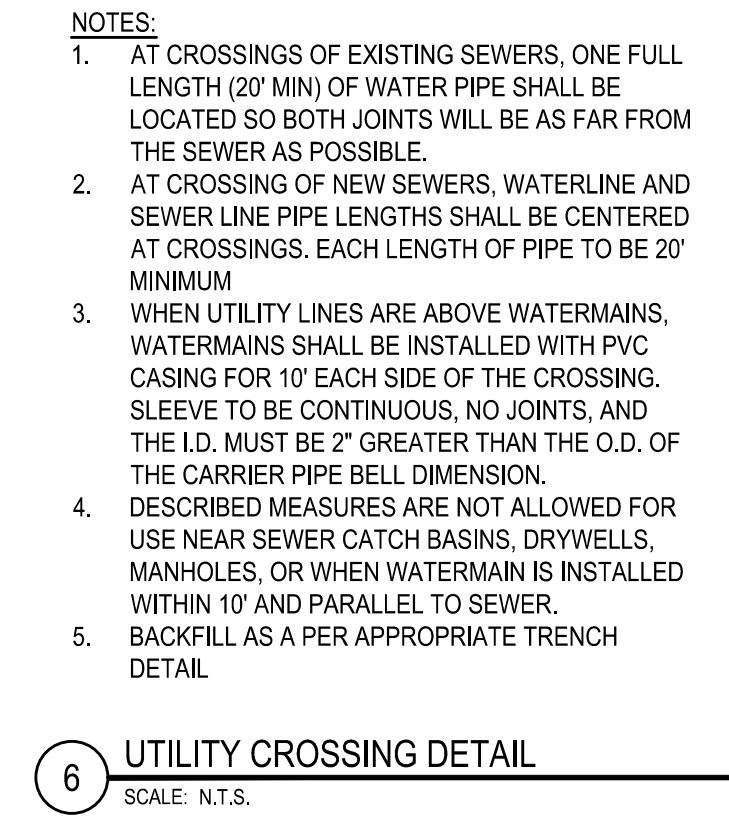
WATERMAIN RELOCATION DETAIL
 SCALE: N.T.S.



INSIDE DROP CONNECTION DETAIL
 SCALE: N.T.S.

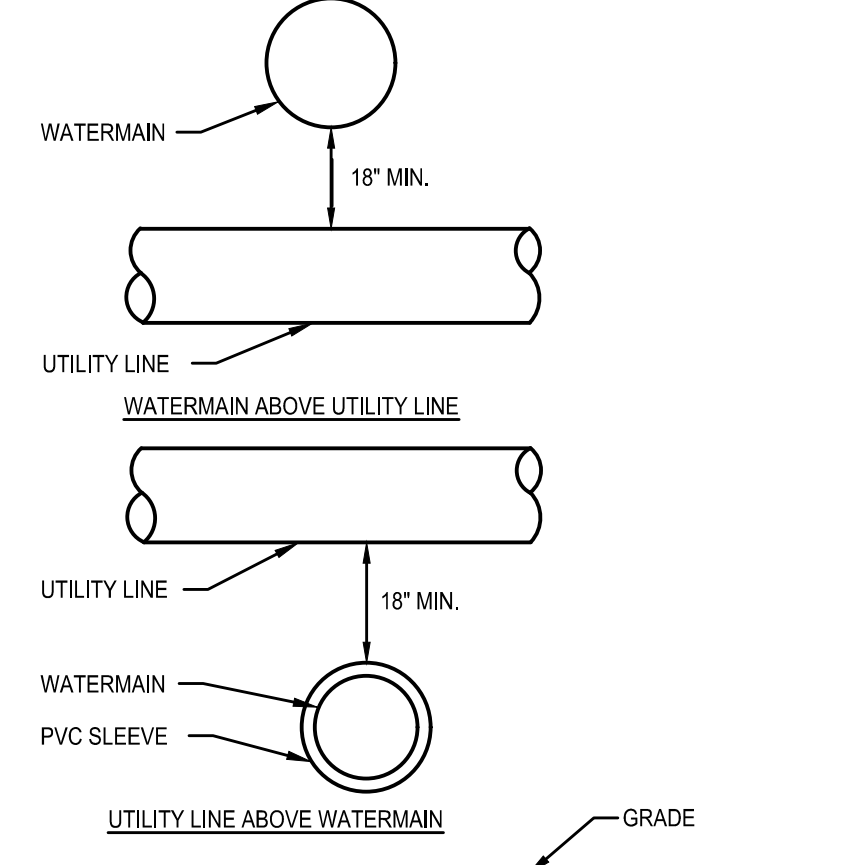
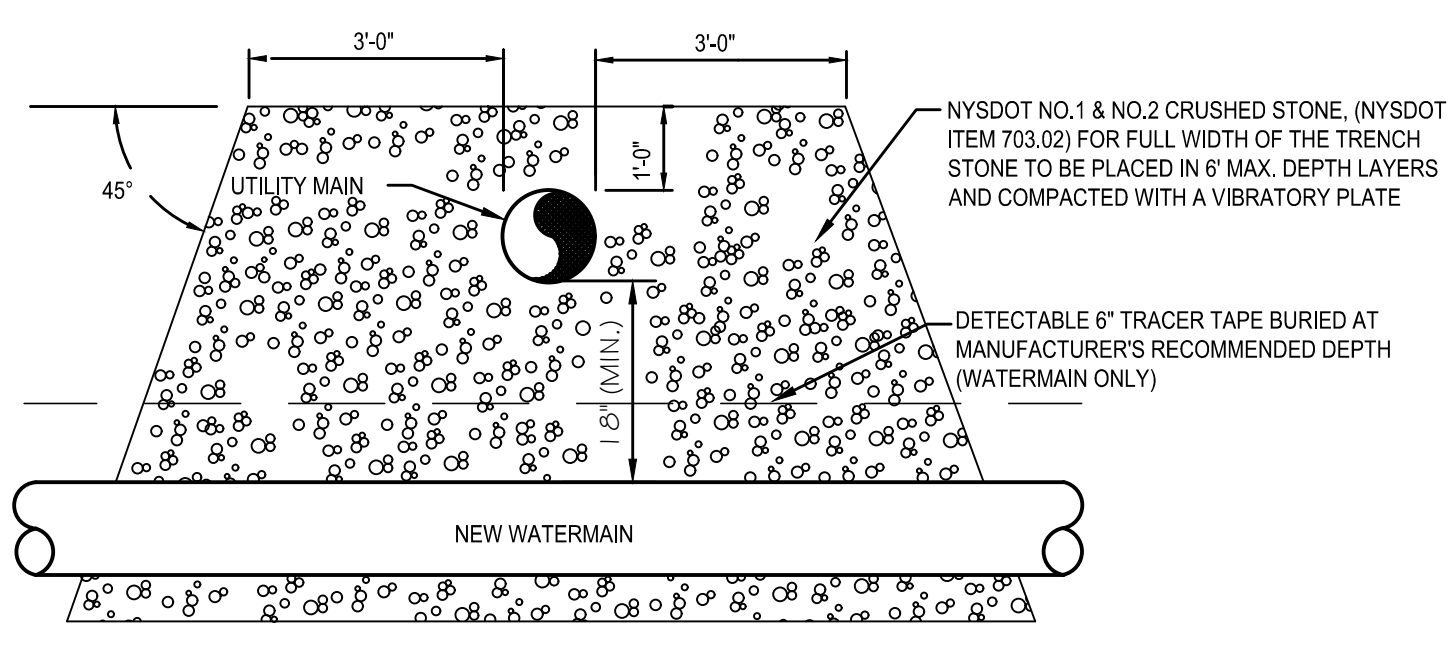


TYPICAL SANITARY SEWER TRENCH DETAIL
 SCALE: N.T.S.

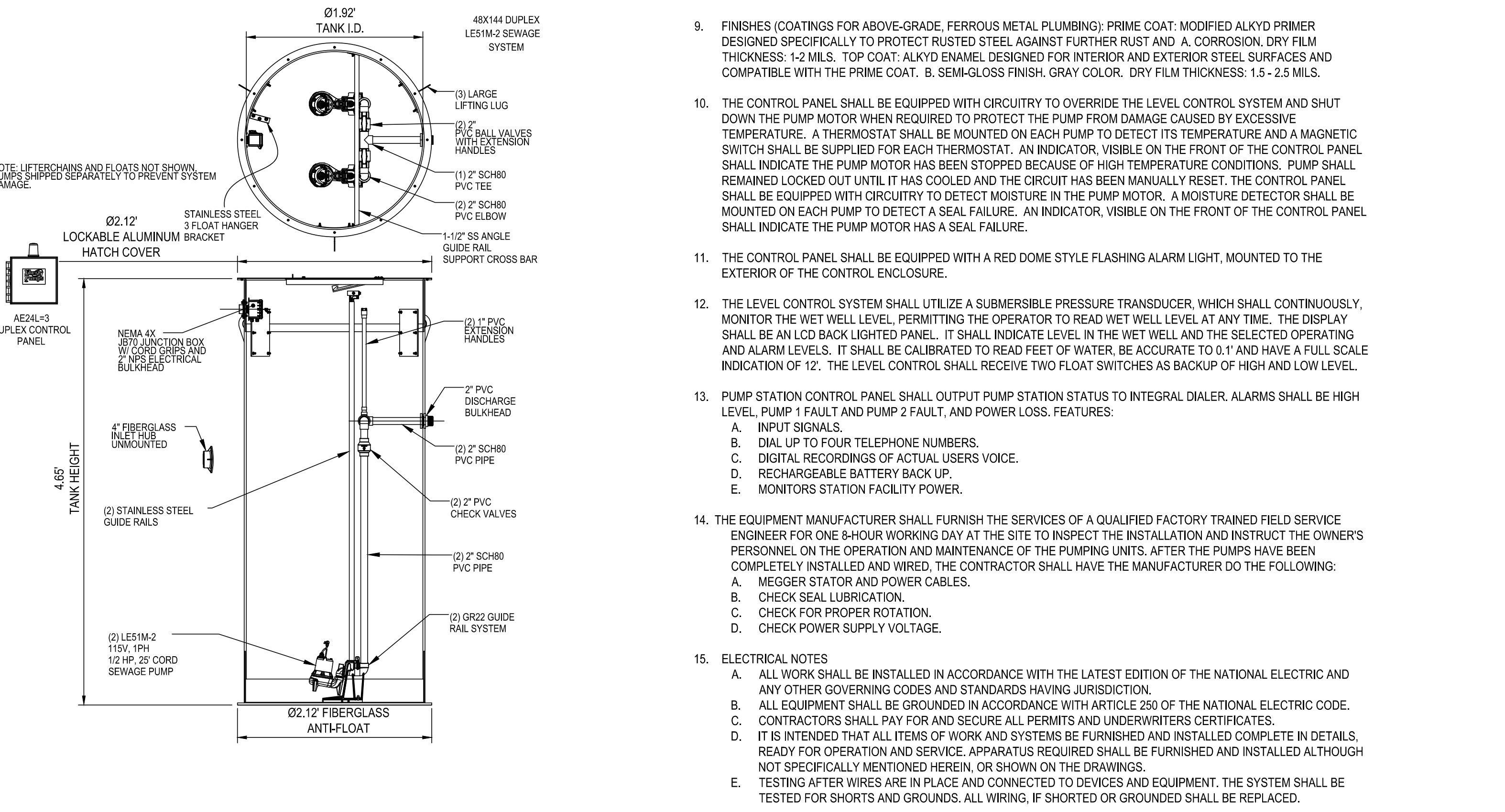


UTILITY CROSSING DETAIL
 SCALE: N.T.S.

- PUMP STATION NOTES:**
- HATCH COVERS SHALL BE ALUMINUM, ANGLE STYLE FRAME WITH CONTINUOUS 1-1/2" COVER SLABS OF THE WET WELL STRUCTURE. DOOR LEAFS SHALL BE 1/4" 5086 ALUMINUM DIAMOND PLATE REINFORCED WITH STRUCTURAL ALUMINUM CHANNELS AND SHALL BE CAPABLE OF WITHSTANDING LOADS UP TO 300 POUNDS PER SQUARE FOOT. ALL BARS, ANGLES AND EXTRUSIONS SHALL BE 6061-T6 ALUMINUM. SLAM LOCK PLUGS, BRACKETS, HINGES AND ALL OTHER HARDWARE SHALL BE TYPE 316 STAINLESS STEEL. UNIT SHALL INCLUDE TYPE 316 STAINLESS STEEL SPRING WITH INTEGRAL HOLD OPEN DEVICE. THE DOOR SHALL OPEN A MINIMUM OF 90 DEGREES AND SHALL BE COUNTERBALANCED TO FACILITATE OPENING BY ONE PERSON. THE PORTION OF THE FRAME WHICH IS IN CONTACT WITH THE CONCRETE SHALL RECEIVE A PROTECTIVE BITUMINOUS COATING. LOCKING DEVICE SHALL BE A SLAM LOCK WITH REMOVABLE HANDLE. CLEAR OPENING DIMENSIONS AND EXACT LOCATION SHALL BE AS SHOWN ON THE DRAWINGS OR LARGER AS NECESSARY TO PROVIDE ACCESS FOR REMOVAL OF PUMPS AND MAINTENANCE OF ALL ACCESSORIES.
 - THE ACCESS COVER UNITS SHALL BE EQUIPPED WITH SAFETY GRATES IN CONFORMANCE WITH OSHA STANDARD 1910.23 FOR FALL THROUGH PROTECTION AND OSHA STANDARD 1910.148 FOR CONTROLLED CONFINED SPACE ENTRY. THE SAFETY GRATES SHALL BE MADE OF 5081-T6 ALUMINUM AND SHALL BE DESIGNED TO WITHSTANDING LIVE LOADS UP TO 300 POUNDS PER SQUARE FOOT. GRATE OPENINGS SHALL ALLOW VISUAL INSPECTION, LIMITED MAINTENANCE AND FLOAT SWITCH ADJUSTMENTS WHILE GRATE IS CLOSED. THE UNIT SHALL ASSURE FALL THROUGH PROTECTION IS IN PLACE BEFORE THE ACCESS COVER CAN BE CLOSED. ALL GRATES SHALL BE PROVIDED WITH HINGING SYSTEM THAT WILL LOCK THE GRATE OPEN IN THE 90-DEGREE POSITION. ALL GRATES SHALL BE COATED WITH SAFETY ORANGE EPOXY POWDER COAT.
 - WALL AND CEILING PIPE SLEEVE: NON-METALLIC HIGH DENSITY POLYETHYLENE SLEEVE WITH INTEGRALLY FORMED HOLLOW WATER STOP SIZED A MINIMUM OF 4 INCHES LARGER THAN THE OUTSIDE DIAMETER OF THE SLEEVE.



NEW WATERMAIN
 SCALE: N.T.S.



PRE-PACKAGED SANITARY PUMP STATION
 SCALE: N.T.S.

HUNT ENGINEERS ARCHITECTS | SURVEYORS
 ROCHESTER, NY 585-327-7949
 HORSEHEADS, NY 607-358-1000
 TOWANDA, PA 814-265-4688

DRAWN BY: BMW
 CHECKED BY: LGS
 DATE: 10/12/2022
 SCALE: AS SHOWN
 BY: []
 DESCRIPTION OF REVISION:
 ISSUED FOR BID

DATE: 11/14/22
 1

IT IS A VIOLATION OF THE LAW FOR ANY PERSON TO MAKE UNAUTHORIZED ALTERATIONS OR MODIFICATIONS TO PLANS DRAWN BY A LICENSED ENGINEER, ARCHITECT OR SURVEYOR.

SITE DETAILS
 PHASE 1A - CAPITAL IMPROVEMENTS
 POCANTICO HILLS CSD
 599 BEDFORD STREET, SLEEPY HOLLOW, NY 10591

MS-L6.2
 PROJECT NO: 3288.004

CENTRAL SCHOOL SED # 66-98-04-001-028, MAINTENANCE STORAGE BUILDING SED # 66-98-04-04-006-001

GENERAL STRUCTURAL NOTES

A. BUILDING CODES AND STANDARDS

- 1. THE FOLLOWING CODES AND STANDARDS, INCLUDING ALL SPECIFICATION REFERENCED WITHIN, SHALL APPLY TO THE DESIGN, CONSTRUCTION, QUALITY CONTROL AND SAFETY OF ALL WORK PERFORMED ON THE PROJECT.
a. "2020 BUILDING CODE OF NEW YORK STATE"
b. "MINIMUM DESIGN LOADS FOR BUILDING AND OTHER STRUCTURES" (ANSI/ASCE 7) AMERICAN SOCIETY OF CIVIL ENGINEERS.

B. DESIGN LOADS

1. GRAVITY - DEAD LOADS
AREA PSF
ROOF 20 PSF
ROOF 10 PSF (USE FOR DETERMINING NET WIND UPLIFT)
2. GRAVITY - LIVE LOADS
a. ROOF LIVE LOAD 20 PSF MIN. (SNOW LOAD USED WHEN GREATER)
b. ROOF SNOW LOAD 25 PSF DRIFTING (WHERE APPLICABLE)
(1) GROUND SNOW LOAD (Pg) = 30 PSF
(2) EXPOSURE FACTOR (Ce) = 1.00
(3) IMPORTANCE FACTOR (I) = 1.00
(4) THERMAL FACTOR (Ct) = 1.00
(5) SLOPE FACTOR (Cs) = 1.00
(6) DRIFT SURCHARGE (Pd) = NA
(7) WIDTH OF SNOW DRIFT EXISTING ROOF (W) = NA
c. FLOOR LIVE LOADS
AREA PSF
SLAB-ON-GRADE, TYPICAL U.N.O. 125 PSF
STORAGE AREA ABOVE SEALING 20 PSF (ATTIC TRUSSES)

3. WIND LOADS

a. BASIC WIND SPEED (V) 114 MPH
ALLOWABLE DESIGN WIND SPEED (Vad) 88 MPH
b. OCCUPANCY RISK CATEGORY II
c. WIND EXPOSURE CATEGORY C
d. ENCLOSED BUILDING
e. MAIN WIND-FORCE RESISTING SYSTEM LOADS (PSF)
WINDWARD PERPENDICULAR TO RIDGE
LEeward
END ZONE INTERIOR ZONE END ZONE INTERIOR ZONE
WALL: ROOF: WALL: ROOF: WALL: ROOF: WALL: ROOF:
14.3 -9.5 9.7 -7.2 -18.7 -20.0 -14.9 -16.4

g. COMPONENTS AND CLADDING - WALL NET DESIGN WIND PRESSURES (PSF)

EFFECTIVE AREA INTERIOR ZONE END ZONE
10SF 30.8 -33.4 30.8 -41.2
500SF 23.0 -25.6 23.0 -25.6

h. COMPONENTS AND CLADDING - ROOF NET DESIGN WIND PRESSURES

EFFECTIVE AREA INTERIOR ZONE 2a END ZONE 2b END ZONE 2c
2 SF 23.0 -43.9 23.0 -43.9 23.0 -70.0
4 SF 21.7 -43.9 21.7 -43.9 21.7 -70.0
10 SF 17.8 -43.9 17.8 -43.9 17.8 -70.0
20 SF 16.5 -43.9 16.5 -43.9 16.5 -60.8
50 SF 16.0 -37.3 16.0 -37.3 16.0 -49.1
100 SF 16.0 -32.1 16.0 -49.1 16.0 -41.2
150 SF 16.0 -29.5 16.0 -29.5 16.0 -36.0
300 SF 16.0 -25.6 16.0 -25.6 16.0 -36.0

i. COMPONENTS AND CLADDING - ROOF OVERHANG NET DESIGN WIND PRESSURES (PSF)

EFFECTIVE AREA INTERIOR ZONE 2a END ZONE 2b
4 SF -56.9 -56.9 -83.0 -83.0
10 SF -56.9 -56.9 -83.0 -83.0
20 SF -56.9 -56.9 -77.8 -77.8
50 SF -55.6 -55.6 -71.3 -71.3
100 SF -53.0 -53.0 -62.1 -62.1
300 SF -51.7 -51.7 -62.1 -62.1

4. LATERAL LOADS: SEISMIC

a. SEISMIC BASE SHEAR PER BUILDING MANUFACTURER
b. OCCUPANCY RISK CATEGORY II
c. IMPORTANCE FACTOR (I) 1.00
d. SITE CLASS D
e. S1 0.255
f. S2 0.061
g. S3 0.009
h. S4 0.008
i. SEISMIC DESIGN CATEGORY B
j. BASIC SEISMIC FORCE-RESISTING SYSTEM LIGHT-FRAME WALLS WITH SHEAR PANELS OF ALL OTHER MATERIALS

5. FLOOD LOAD

- a. AREA OUTSIDE 100 YEAR FLOOD AREA PER FEMA FLOOD INSURANCE MAP #38119C0225F.
b. ROOF RAIN LOAD DATA
c. RAIN INTENSITY (100 YEAR 60 MIN. DURATION) (i) 2.65 IN/HR.

6. FOUNDATION/EARTHWORK/GEOTECHNICAL REPORT

- 1. DESIGN DATA
a. FOUNDATIONS HAVE BEEN DESIGNED IN ACCORDANCE WITH THE GEOTECHNICAL REPORT 10883.01 PREPARED BY TECTONIC ENGINEERING CONSULTANTS, GEOTECHNICAL AND LAND SURVEYORS, INC. 1279 ROAD AND FLOOR, BIRMGHAM, NY 12560, DATED 12/25/2022. SEE THIS REPORT FOR ADD'L REQUIREMENTS.
b. ALL EXTERIOR FOUNDATIONS SHALL BEAR A MINIMUM OF 4'-0" BELOW GRADE. IN CASE OF CONFLICT, NOTIFY THE ARCHITECT AND STRUCTURAL ENGINEER IN ADVANCE OF ANY CONSTRUCTION TO ALLOW FOR ADJUSTMENT.
2. FOUNDATION SYSTEM
a. SPREAD FOOTINGS
(1) BUILDING SPREAD AND STRIP FOOTINGS SHALL BEAR ON UNDISTURBED NATURAL SOILS OR PROPERLY PLACED AND COMPACTED ENGINEERED FILL WITH A MINIMUM ALLOWABLE BEARING PRESSURE OF 3000 PSF. BEARING PRESSURES SHALL BE VERIFIED BY AN EXPERIENCED QUALIFIED GEOTECHNICAL ENGINEER PRIOR TO PLACEMENT OF FOUNDATIONS.
(2) UNCONTROLLED FILL AND SOFT CLAY IS ANTICIPATED ON THIS SITE. ALL UNCONTROLLED FILL AND CLAY UNDERNEATH AND WITHIN 10" OF THE BUILDING PAD SHALL BE REMOVED AND REPLACED WITH STRUCTURAL FILL. SEE THE GEOTECHNICAL REPORT FOR ADDITIONAL INFORMATION.
3. GENERAL
a. SEE THE SPECIFICATIONS AND GEOTECHNICAL REPORT FOR EXCAVATION, DEWATERING AND PREPARATION OF THE FOUNDATION AND SLAB-ON-GRADE SUBGRADE, INCLUDING COMPACTURE PROCEDURES, REQUIREMENTS CONTAINED IN THE GEOTECHNICAL REPORT ARE PART OF THIS WORK.
b. CONTRACTOR SHALL VERIFY ALL EXISTING FIELD CONDITIONS THAT MAY AFFECT THE INSTALLATION OF THE FOUNDATION SYSTEM AS SHOWN PRIOR TO STARTING WORK.
c. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATION AND PROTECTING ALL EXISTING UTILITIES, EXISTING STRUCTURES, ETC., WHETHER INDICATED OR NOT, WHICH MAY BE AFFECTED BY THE CONSTRUCTION PROCESS.
d. UTILITY LINES SHALL NOT BE PLACED THROUGH OR BELOW FOUNDATIONS WITHOUT THE STRUCTURAL ENGINEER'S APPROVAL.

- e. BEARING ELEVATIONS INDICATED ON THE DRAWINGS ARE ESTIMATED FROM SOIL BEARING AND EXISTING FOUNDATION ELEVATION DATA. PRIOR TO PLACING FOUNDATIONS, AN EXPERIENCED, QUALIFIED GEOTECHNICAL ENGINEER SHALL MAKE DETERMINATION OF FINAL BEARING ELEVATIONS AND VERIFICATION OF ALLOWABLE BEARING PRESSURE. CONCRETE FOR FOUNDATIONS SHALL BE POURED ON THE SAME DAY SUBGRADE APPROVAL IS GIVEN BY THE GEOTECHNICAL ENGINEER.
f. PROVIDE PLASTIC TYPED BOLSTERS AND CHAIRS AT ALL LOCATIONS WHERE THE CONCRETE SURFACE IN CONTACT WITH THE BOLSTERS OR CHAIRS ARE EXPOSED.
g. CONSTRUCTION JOINTS AND CONTROL JOINTS IN SLABS ON GRADE SHALL BE ARRANGED TO LIMIT MAXIMUM LENGTH BETWEEN JOINTS TO 15'-0" IN ANY DIRECTION. ALLOW A MINIMUM OF 48 HOURS TIME BETWEEN PLACEMENT OF ADJACENT SECTIONS.
h. ALL FORMWORK, SHORING, AND RESHORING, SHALL BE DESIGNED BY THE CONTRACTOR'S ENGINEER REGISTERED IN THE PROJECT'S JURISDICTION. ALL SUBMISSIONS SHALL BEAR THE ENGINEER'S SEAL AND SIGNATURE.
i. NO SLEEVES SHALL BE PLACED THROUGH ANY CONCRETE ELEMENT NOT SHOWN ON THE STRUCTURAL DRAWINGS. APPROVED SLEEVING SHOP DRAWINGS OR SPECIFICALLY AUTHORIZED IN WRITING BY THE STRUCTURAL ENGINEER.
j. ALL INSERTS AND SLEEVES SHALL BE CAST-IN-PLACE (WHENEVER FEASIBLE), DRILLED OR POWDER DRIVEN FASTENERS WILL BE PERMITTED WHEN PROVEN TO THE SATISFACTION OF THE STRUCTURAL ENGINEER THAT THE FASTENERS WILL NOT SPALL THE CONCRETE AND HAVE THE SAME CAPACITY AS CAST-IN-PLACE INSERTS.
k. WHEN INSTALLING EXPANSION BOLTS OR ADHESIVE ANCHORS, THE CONTRACTOR SHALL TAKE MEASURES TO AVOID DRILLING OR CUTTING OF ANY EXISTING REINFORCING AND DEBRIS. HOLES SHALL BE BLOWN CLEAN PRIOR TO PLACING BOLTS OR ADHESIVE ANCHORS.
l. CHAMFER ALL EXPOSED CONCRETE CORNERS, 3/4" x 3/4" MINIMUM, UNLESS NOTED OTHERWISE ON ARCHITECTURAL DRAWINGS.
m. THE CONCRETE SLABS SHALL BE FINISHED, WITHIN TOLERANCE, TO THE ELEVATIONS INDICATED ON THE DRAWINGS.
n. THE BEARING ELEVATION OF A THICKENED SLAB SHALL NOT SLOPE MORE THAN 1" FOR EVERY 2' OF HORIZONTAL DISTANCE UNLESS NOTED OTHERWISE.
o. CONCRETE SLABS ON GRADE SHALL BE PLACED OVER A VAPOR BARRIER (INTERIOR SLABS ONLY) ON A MINIMUM 6" LAYER OF CLEAN, WELL-GRADED GRAVEL OR CRUSHED STONE CONFORMING TO THE SPECIFICATIONS AND GEOTECHNICAL REPORT OVER PROPERLY COMPACTED SUBGRADE.

D. CONSTRUCTION

- 1. GENERAL
a. UNAUTHORIZED REPRODUCTION OF ANY PORTION OF THE STRUCTURAL CONTRACT DRAWINGS FOR RESUBMITTAL AS SHOP DRAWINGS IS PROHIBITED. SHOP DRAWINGS PRODUCED IN SUCH A MANNER WILL BE REJECTED AND RETURNED.
b. THESE DRAWINGS REPRESENT THE COMPLETED PROJECT WHICH HAS BEEN DESIGNED FOR THE WEIGHTS OF MATERIALS INDICATED ON THE DRAWINGS AND FOR THE SUPERIMPOSED LOADS INDICATED ON THE DRAWINGS AND FOR THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE ALLOWABLE CONSTRUCTION LOADS AND TO PROVIDE PROPER DESIGN AND CONSTRUCTION OF FALSE WORK, STAGINGS, BRACING, SHEETING AND SHORING, ETC. ALL SHEETING CALCULATIONS AND DRAWINGS SHALL BE SIGNED AND SEALED BY AN ENGINEER REGISTERED IN THE STATE OF NEW YORK.
c. IN CASE OF CONFLICT BETWEEN THE GENERAL NOTES, DETAILS AND SPECIFICATIONS, THE MOST RIGID REQUIREMENTS SHALL GOVERN.
d. IMPLEMENTING JOB SITE SAFETY AND CONSTRUCTION PROCEDURES ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
e. ALL COSTS OF INVESTIGATION AND/OR REDESIGN, DUE TO THE CONTRACTOR MIS-LOCATION OF STRUCTURAL ELEMENTS OR OTHER LACK OF CONFORMANCE WITH THE PROJECT DOCUMENTS, SHALL BE AT THE CONTRACTOR'S EXPENSE.
f. CONTRACTOR SHALL REFER TO ARCHITECTURAL, MECHANICAL, PLUMBING, ELECTRICAL AND OTHER APPLICABLE DRAWINGS FOR SIZE AND LOCATIONS OF OPENINGS, SLEEVES, CONCRETE HOUSEKEEPING PADS, INSERTS, AND DEPRESSIONS.
g. SEE ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR DETAILED INFORMATION REGARDING FINISHES, FIREPROOFING, WATERPROOFING, ETC.
h. CONTRACTOR SHALL FURNISH DIMENSIONED SHOP DRAWINGS AT ALL LEVELS LOCATING FLOOR AND ROOF EDGES FOR REVIEW BY THE ARCHITECT AND STRUCTURAL ENGINEER.
i. CONTRACTOR SHALL FURNISH DIMENSIONED SHOP DRAWINGS AT ALL LEVELS SHOWING THE LOCATIONS OF ALL SLEEVES AND OPENINGS REQUIRED BY ALL TRADES.
j. THE CONTRACTOR SHALL SUBMIT, FOR REVIEW, DRAWINGS AND CALCULATIONS SIGNED AND SEALED BY A STRUCTURAL ENGINEER REGISTERED IN THE PROJECT'S JURISDICTION FOR THE FOLLOWING ASSEMBLIES: THIS REVIEW SHALL BE FOR GENERAL CONFORMANCE WITH THE PROJECT PARAMETERS AS INDICATED ON THE DRAWINGS AND IN THE GENERAL NOTES. THE DESIGN OF THESE ASSEMBLIES IS THE RESPONSIBILITY OF THE ENGINEER WHO HAS SIGNED AND SEALED THESE DRAWINGS AND CALCULATIONS. THE DESIGN OF THESE ASSEMBLIES SHALL TAKE INTO ACCOUNT ALL VERTICAL AND LATERAL LOADS REQUIRED BY APPLICABLE BUILDING CODES.
(1) PRE-ENGINEERED WOOD BUILDING AND RELATED CONNECTIONS. THE SUBMITTED DRAWINGS SHALL CLEARLY SHOW THE LOAD REACTIONS AS APPLIED TO THE BUILDING FOUNDATIONS.
k. WORK NOT INCLUDED ON THE DRAWINGS BUT IMPLIED TO BE SIMILAR TO THAT SHOWN AT CORRESPONDING PLACES ELSEWHERE ON THE DRAWINGS SHALL BE REPEATED.
l. SEE ARCHITECTURAL DRAWINGS FOR LOCATIONS OF MASONRY AND DRYWALL NON-LOADBEARING PARTITIONS. PROVIDE SLIP CONNECTIONS THAT ALLOW VERTICAL MOVEMENT AT THE HEADS OF ALL SUCH PARTITIONS. UNLESS SHOWN ON THE DRAWINGS, THE CONNECTIONS SHALL BE DESIGNED TO SUPPORT THE TOP OF THE WALLS LATERALLY FOR THE CODE REQUIRED LATERAL LOAD. PROVIDE COMPRESSIBLE FIRE GAPPING AT THE TOP OF WALL AS REQUIRED BY ARCHITECTURAL DRAWINGS.

E. CONCRETE

- 1. CODES
a. "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE, ACI 318", AMERICAN CONCRETE INSTITUTE.
b. "ACI MANUAL OF CONCRETE PRACTICE - PARTS 1 THROUGH 5".
c. "MANUAL OF STANDARD PRACTICE", CONCRETE REINFORCING STEEL INSTITUTE.
2. MATERIALS
a. THE FOLLOWING ASTM STANDARDS AND DESIGN STRESSES SHALL BE USED FOR THE APPROPRIATE MATERIALS USED IN THE CONSTRUCTION OF THIS PROJECT.
APPLICATION SLABS-ON-GRADE FOOTINGS
Fc 28 DAYS WEIGHT (PCF) W/C(MAX)
4000 145 0.45
3000 145 0.55
b. CEMENT: ASTM C150, TYPE I OR III
ASTM C150, TYPE II FOR CONCRETE IN CONTACT WITH EARTH.
c. CEMENT SUBSTITUTES: ASTM C695, TYPE IS (LIMIT TO 50% MAX OF CEMENTITIOUS CONTENT BY WEIGHT)
d. AGGREGATES: ASTM C33 (NORMAL WEIGHT)
e. AIR: ALL CONCRETE EXPOSED TO WEATHER SHALL BE AIR-ENTRAINED (5%)-(11-12%) BY VOLUME. ENTRAINING ADMIXTURE TO COMPLY WITH ASTM C690.
f. REINFORCEMENT:
DEFORMED REINFORCING BARS WELDABLE DEFORMED REINFORCING BARS WELDED WIRE FABRIC (WFF) THREADBAR AND COUPLER
ASTM A615, GRADE 60
ASTM A708 OR APPROVED EQUAL
ASTM A1064
D7WDAG MEETING ACI 318-12 14.5.4 SPICES OR APPROVED EQUAL
g. ANCHORING SYSTEM:
ADHESIVE EXPANSION BOLTS
HILTI HY-200 SYSTEM OR APPROVED EQUAL.
HILTI KWIK-BOLT TZ OR APPROVED EQUAL.
3. CAST-IN-PLACE
a. REINFORCING STEEL CLAMP COVER SHALL BE AS FOLLOWS UNLESS NOTED OTHERWISE:
(1) NON-POST-TENSIONED CONCRETE:
*CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH 3"
*CONCRETE EXPOSED TO EARTH OR WEATHER #5 BARS AND LARGER 1-1/2"
#5 BARS AND SMALLER 1-1/2"
*CONCRETE NOT EXPOSED TO WEATHER OR IN CONTACT WITH GROUND SLABS, WALLS AND JOISTS:
#11 BARS AND SMALLER 3/4"
*BEAMS AND COLUMNS:
PRIMARY REINFORCEMENT, TIES, STIRRUPS, AND SPIRALS 1-1/2"
b. NO SPLICES OF REINFORCEMENT SHALL BE PERMITTED EXCEPT AS DETAILED OR AUTHORIZED BY THE STRUCTURAL ENGINEER. MAKE BARS CONTINUOUS AROUND CORNERS. WHEN PERMITTED, SPLICES SHALL BE MADE BY CONTACT TENSION LAP SPLICES, UNLESS OTHERWISE NOTED.

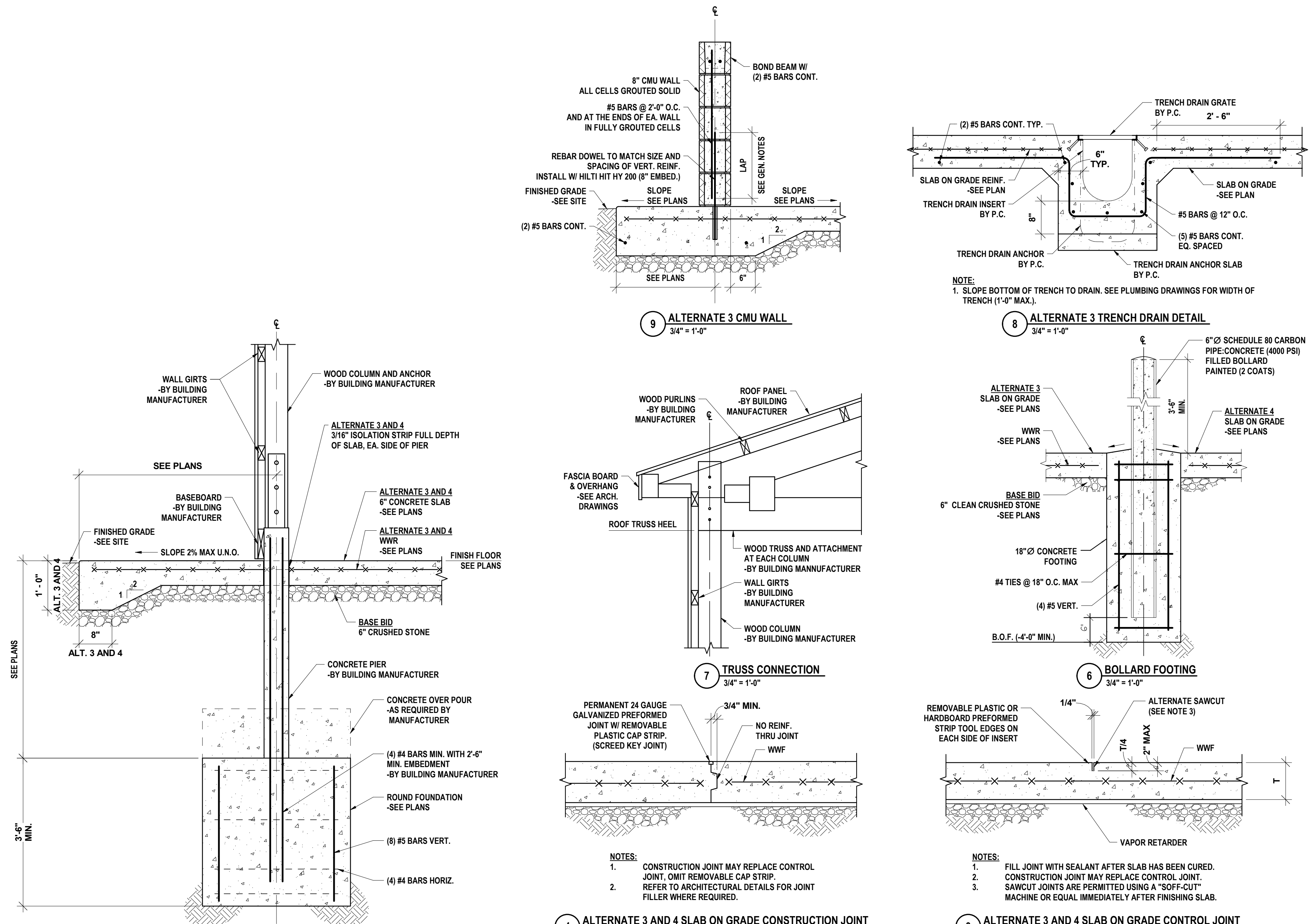
- c. WELDED WIRE FABRIC REINFORCEMENT SHALL BE SUPPLIED IN SHEETS, EXCEPT FOR SLAB ON GRADE CONSTRUCTION WHERE ROLLS MAY BE LAP TWO FULL MESH LENGTHS AT SPLICES AND WIRE TOGETHER.
d. NO WELDING OF REINFORCING SHALL BE PERMITTED UNLESS SPECIFICALLY CALLED FOR OR APPROVED BY THE STRUCTURAL ENGINEER.
e. PROVIDE PLASTIC TYPED BOLSTERS AND CHAIRS AT ALL LOCATIONS WHERE THE CONCRETE SURFACE IN CONTACT WITH THE BOLSTERS OR CHAIRS ARE EXPOSED.
f. CONSTRUCTION JOINTS AND CONTROL JOINTS IN SLABS ON GRADE SHALL BE ARRANGED TO LIMIT MAXIMUM LENGTH BETWEEN JOINTS TO 15'-0" IN ANY DIRECTION. ALLOW A MINIMUM OF 48 HOURS TIME BETWEEN PLACEMENT OF ADJACENT SECTIONS.
g. ALL FORMWORK, SHORING, AND RESHORING, SHALL BE DESIGNED BY THE CONTRACTOR'S ENGINEER REGISTERED IN THE PROJECT'S JURISDICTION. ALL SUBMISSIONS SHALL BEAR THE ENGINEER'S SEAL AND SIGNATURE.
h. NO SLEEVES SHALL BE PLACED THROUGH ANY CONCRETE ELEMENT NOT SHOWN ON THE STRUCTURAL DRAWINGS. APPROVED SLEEVING SHOP DRAWINGS OR SPECIFICALLY AUTHORIZED IN WRITING BY THE STRUCTURAL ENGINEER.
i. ALL INSERTS AND SLEEVES SHALL BE CAST-IN-PLACE (WHENEVER FEASIBLE), DRILLED OR POWDER DRIVEN FASTENERS WILL BE PERMITTED WHEN PROVEN TO THE SATISFACTION OF THE STRUCTURAL ENGINEER THAT THE FASTENERS WILL NOT SPALL THE CONCRETE AND HAVE THE SAME CAPACITY AS CAST-IN-PLACE INSERTS.
j. WHEN INSTALLING EXPANSION BOLTS OR ADHESIVE ANCHORS, THE CONTRACTOR SHALL TAKE MEASURES TO AVOID DRILLING OR CUTTING OF ANY EXISTING REINFORCING AND DEBRIS. HOLES SHALL BE BLOWN CLEAN PRIOR TO PLACING BOLTS OR ADHESIVE ANCHORS.
k. CHAMFER ALL EXPOSED CONCRETE CORNERS, 3/4" x 3/4" MINIMUM, UNLESS NOTED OTHERWISE ON ARCHITECTURAL DRAWINGS.
l. THE CONCRETE SLABS SHALL BE FINISHED, WITHIN TOLERANCE, TO THE ELEVATIONS INDICATED ON THE DRAWINGS.
m. THE BEARING ELEVATION OF A THICKENED SLAB SHALL NOT SLOPE MORE THAN 1" FOR EVERY 2' OF HORIZONTAL DISTANCE UNLESS NOTED OTHERWISE.
n. CONCRETE SLABS ON GRADE SHALL BE PLACED OVER A VAPOR BARRIER (INTERIOR SLABS ONLY) ON A MINIMUM 6" LAYER OF CLEAN, WELL-GRADED GRAVEL OR CRUSHED STONE CONFORMING TO THE SPECIFICATIONS AND GEOTECHNICAL REPORT OVER PROPERLY COMPACTED SUBGRADE.

F. MASONRY

- 1. CODES
a. "BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES, TMS 402 / ACI 530.1 / ASCE 5" AND "SPECIFICATIONS FOR MASONRY STRUCTURES, TMS 602 / ACI 530.1 / ASCE 6" MASONRY STANDARDS JOINT COMMITTEE.
2. MATERIALS
a. LOAD BEARING CONCRETE ASTM C90 -NORMAL WEIGHT
HOLLOW AND SOLID
b. MORTAR ASTM C270 -TYPE S (ABOVE GRADE)
c. GROUT ASTM C476 -fc = 3000 PSI MIN.
d. PRISM STRENGTH fm = 2000 PSI, UNIT STRENGTH METHOD
e. HORIZONTAL JOINT REINFORCEMENT ASTM A651, GALVANIZED PER ASTM A153, CLASS B2
3. GENERAL
a. PROVIDE GALVANIZED HORIZONTAL JOINT REINFORCEMENT IN ALL WALLS AND PARTITIONS AT 16" O.C. UNLESS OTHERWISE SHOWN OR NOTED. PROVIDE ONE PIECE PREFABRICATED UNITS AT 8" O.C. AT ALL WALL CORNERS AND INTERSECTIONS.
b. PROVIDE BOND BEAMS WITH (2) #5 HORIZONTAL REINFORCEMENT CONTINUOUS IN ALL MASONRY WALLS AT EACH FLOOR LEVEL, AND TOP OF WALL UNLESS NOTED OTHERWISE.
c. IN GROUTED AND/OR REINFORCED MASONRY WALLS, USE MASONRY UNITS WITH CORES THAT ALIGN VERTICALLY TO PROVIDE CONTINUOUS UNSTRUCTURED CELLS FOR GROUTING AND REINFORCING STEEL PLACEMENT.
d. LAP SPLICES FOR DEFORMED REINFORCING BARS USED IN MASONRY CONSTRUCTION SHALL BE 50 BAR DIAMETERS.
e. SUBMIT GROUT MIX DESIGN AND MASONRY UNIT CERTIFICATIONS TO THE STRUCTURAL ENGINEER FOR APPROVAL.
f. CONTRACTOR SHALL PROVIDE ADEQUATE BRACING AND SUPPORT FOR ALL MASONRY WORK UNTIL PERMANENT CONCRETE IS IN PLACE.

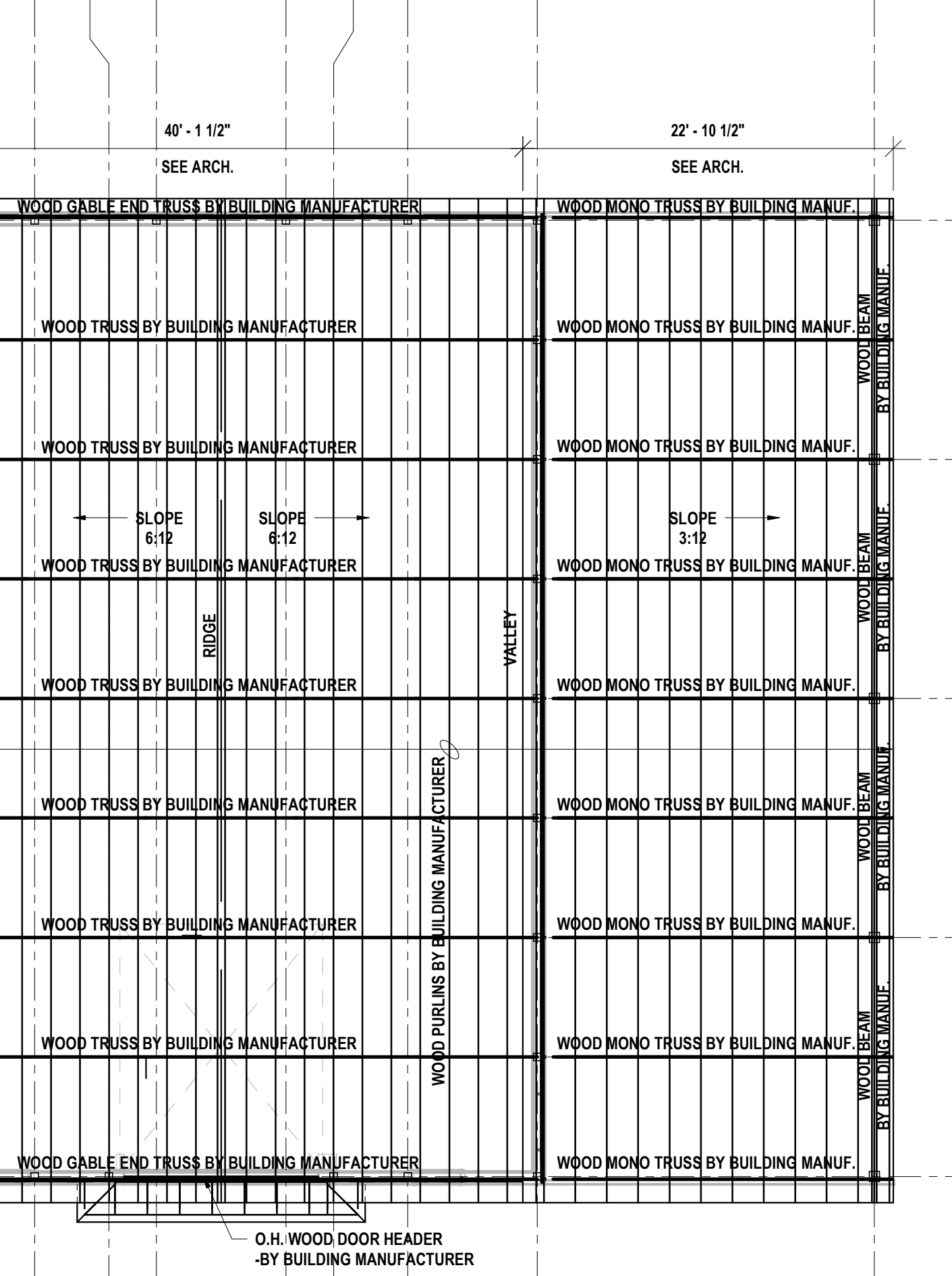
4. INSPECTION AND TESTING

- a. REFER TO SPECIFICATION SECTIONS 0140.00, 0141.00 AND 04.20.00.



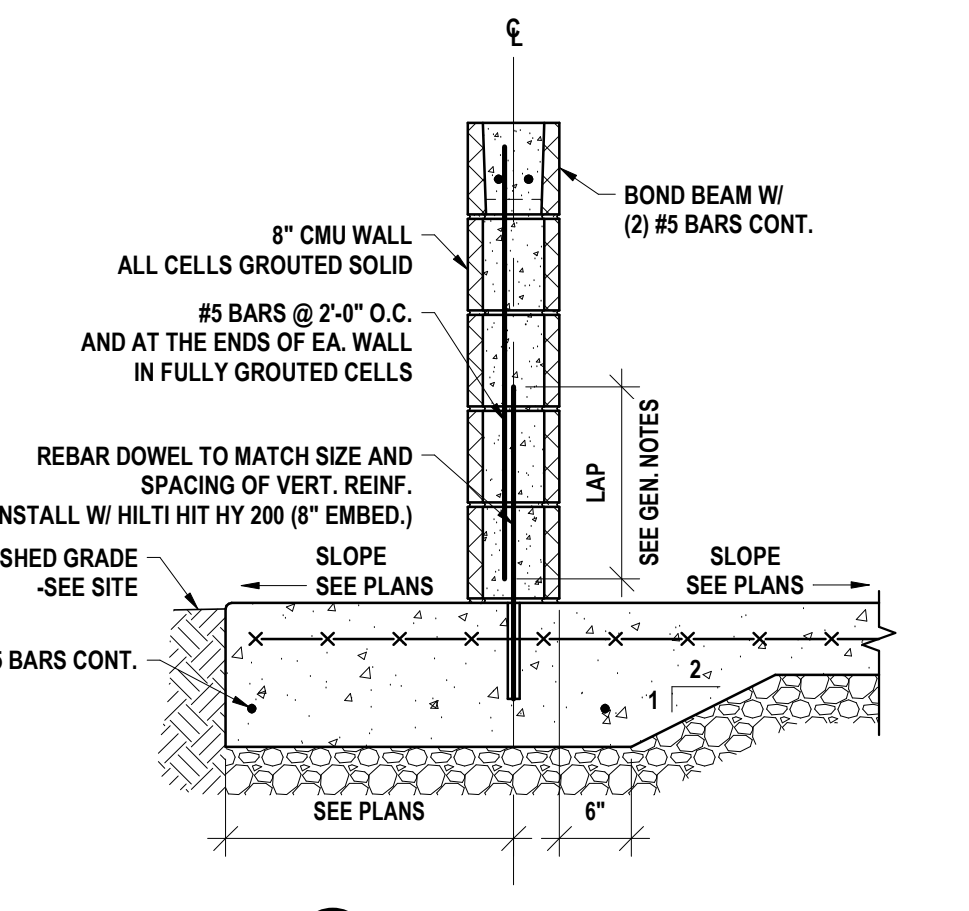
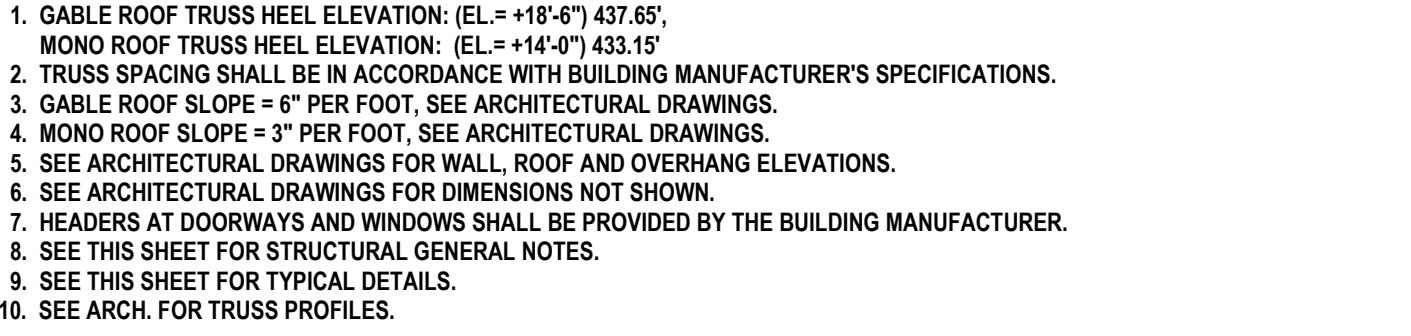
1. FOUNDATION DETAIL TYP. 3/4\"/>

2. ROOF FRAMING PLAN - MAINTENANCE BUILDING 10\"/>

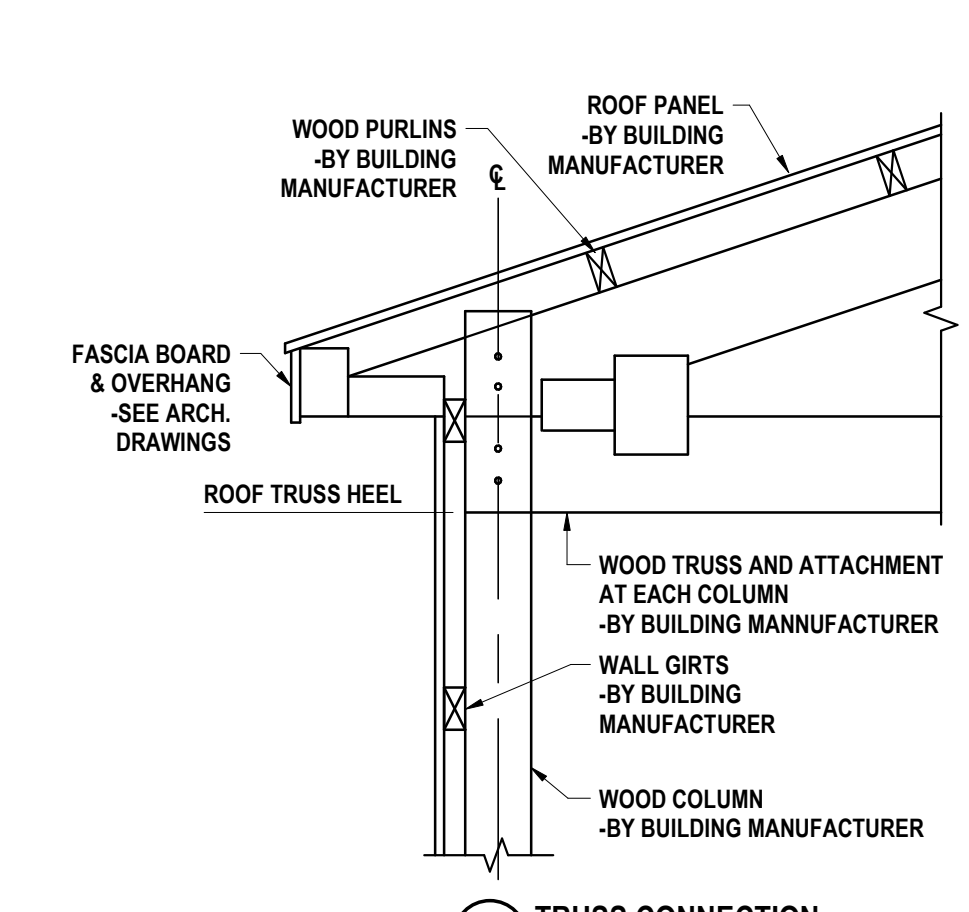


2. ROOF FRAMING PLAN - MAINTENANCE BUILDING 10\"/>

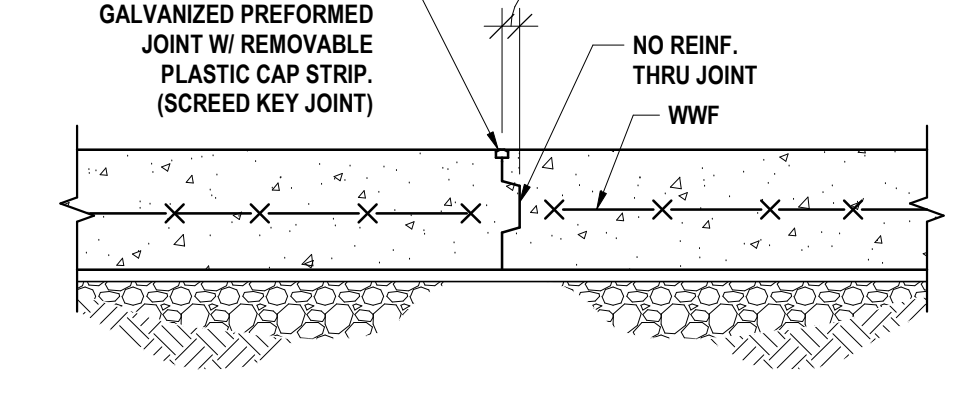
3. FOUNDATION PLAN - MAINTENANCE BUILDING 10\"/>



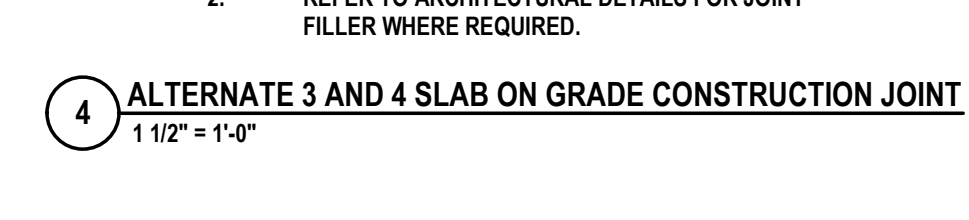
9. ALTERNATE 3 CMU WALL 3/4\"/>



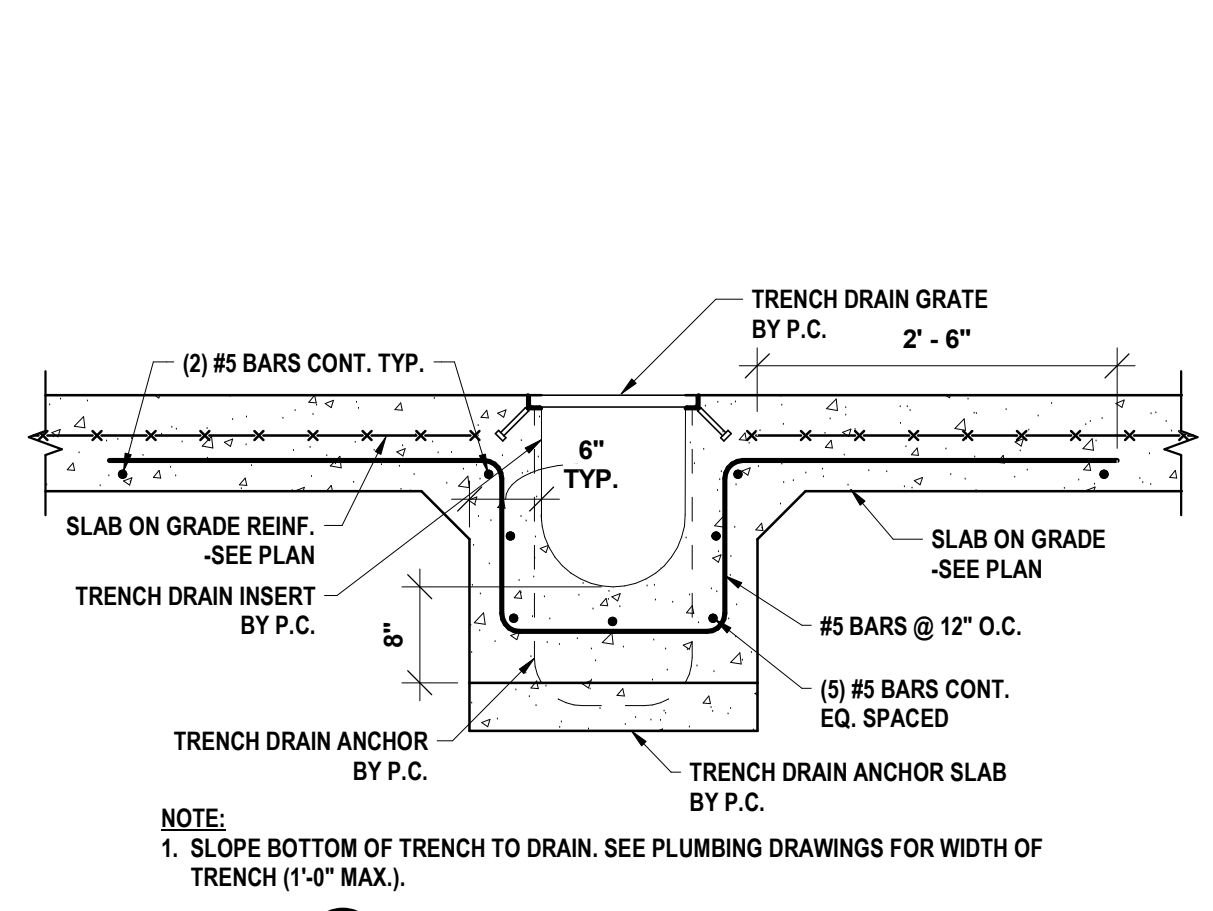
7. TRUSS CONNECTION 3/4\"/>



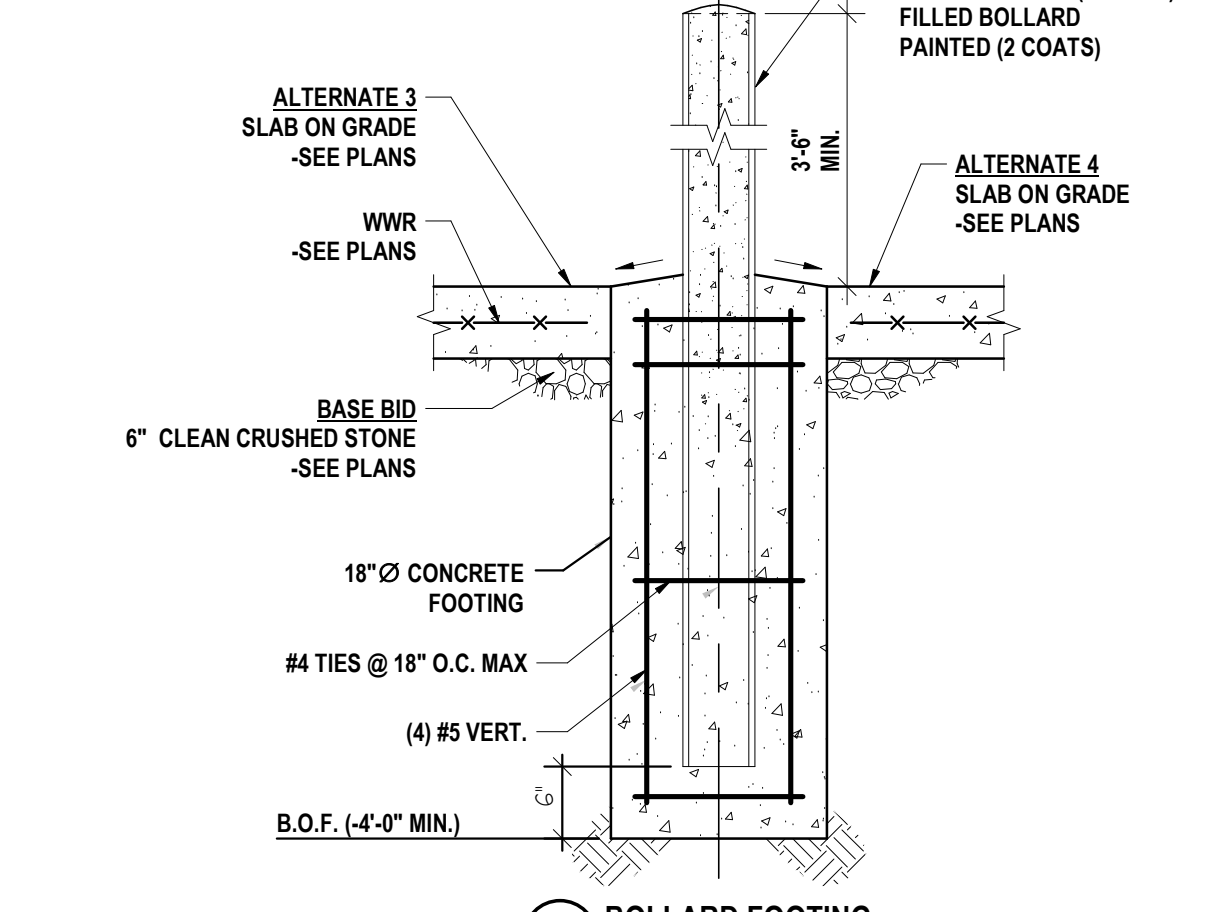
4. ALTERNATE 3 AND 4 SLAB ON GRADE CONSTRUCTION JOINT 1 1/2\"/>



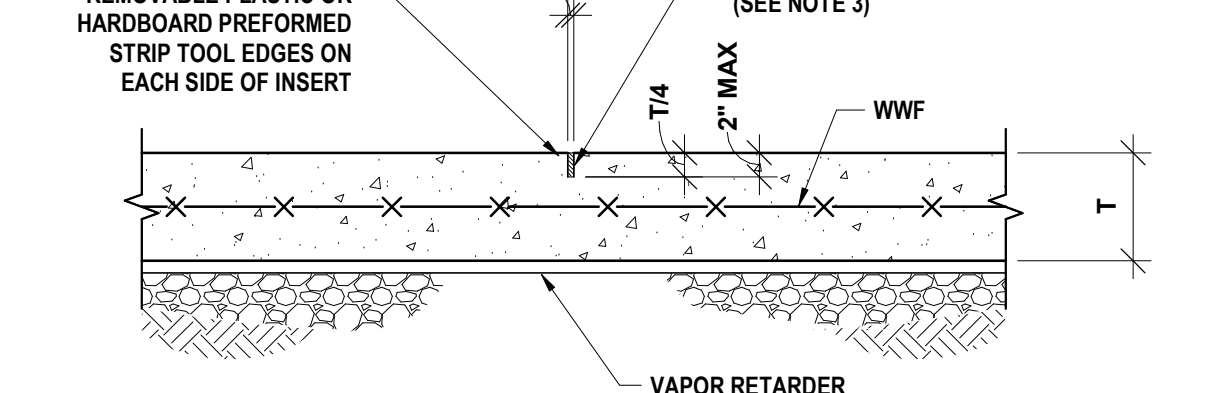
3. ALTERNATE 3 AND 4 SLAB ON GRADE CONTROL JOINT 1 1/2\"/>



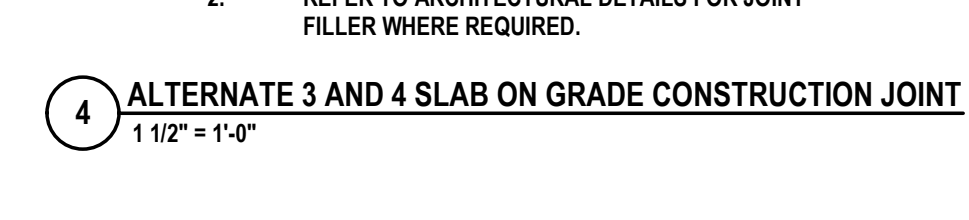
8. ALTERNATE 3 TRENCH DRAIN DETAIL 3/4\"/>



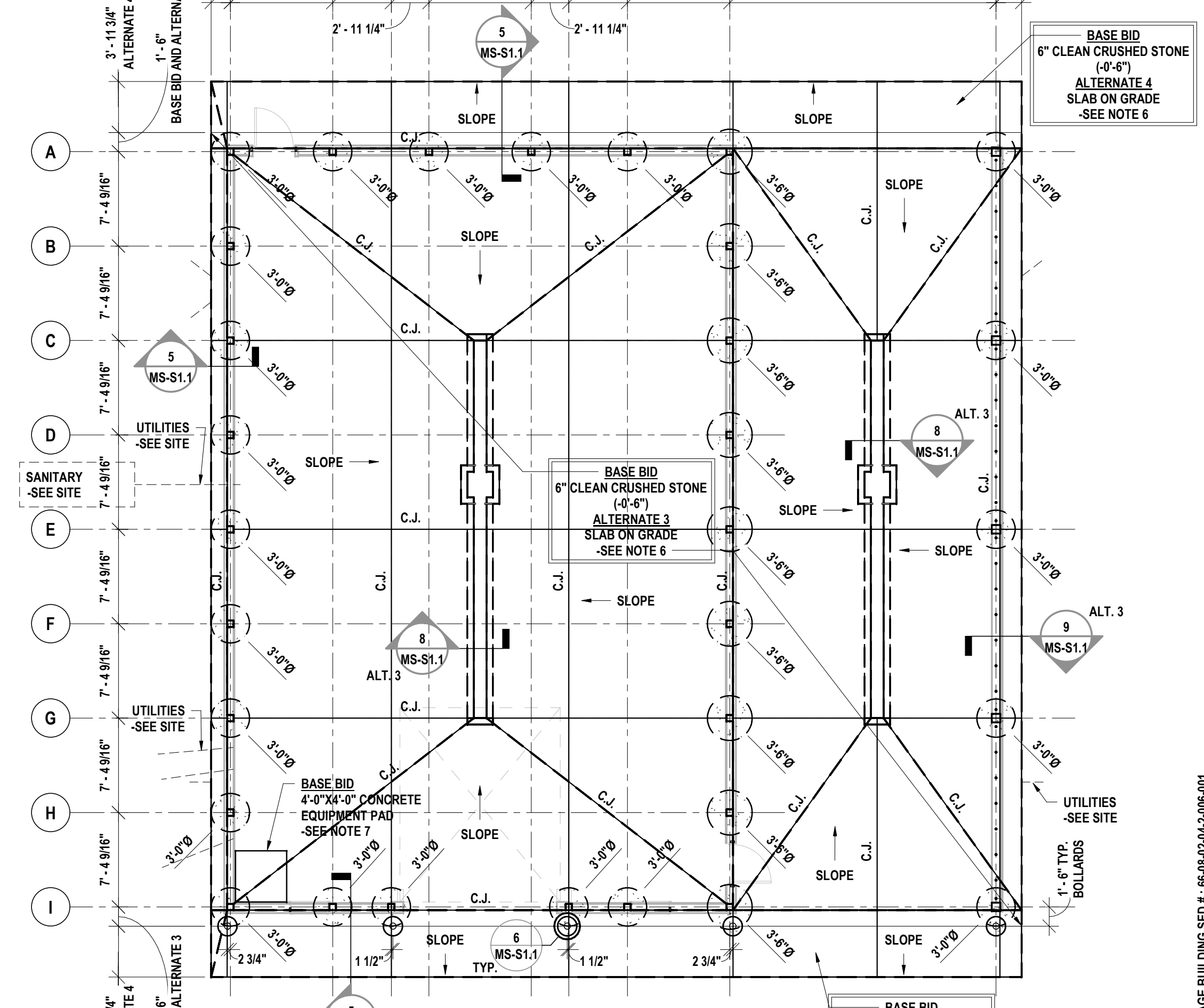
6. BOLLARD FOOTING 3/4\"/>



3. ALTERNATE 3 AND 4 SLAB ON GRADE CONTROL JOINT 1 1/2\"/>

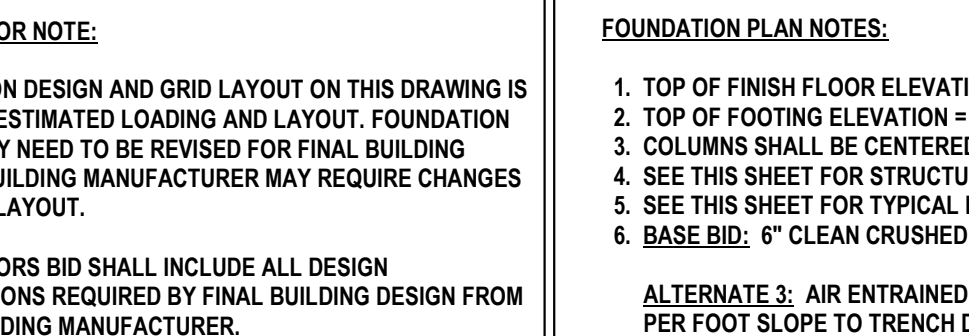


3. ALTERNATE 3 AND 4 SLAB ON GRADE CONTROL JOINT 1 1/2\"/>



3. ALTERNATE 3 AND 4 SLAB ON GRADE CONTROL JOINT 1 1/2\"/>

1. FOUNDATION PLAN - MAINTENANCE BUILDING 10\"/>



3. ALTERNATE 3 AND 4 SLAB ON GRADE CONTROL JOINT 1 1/2\"/>

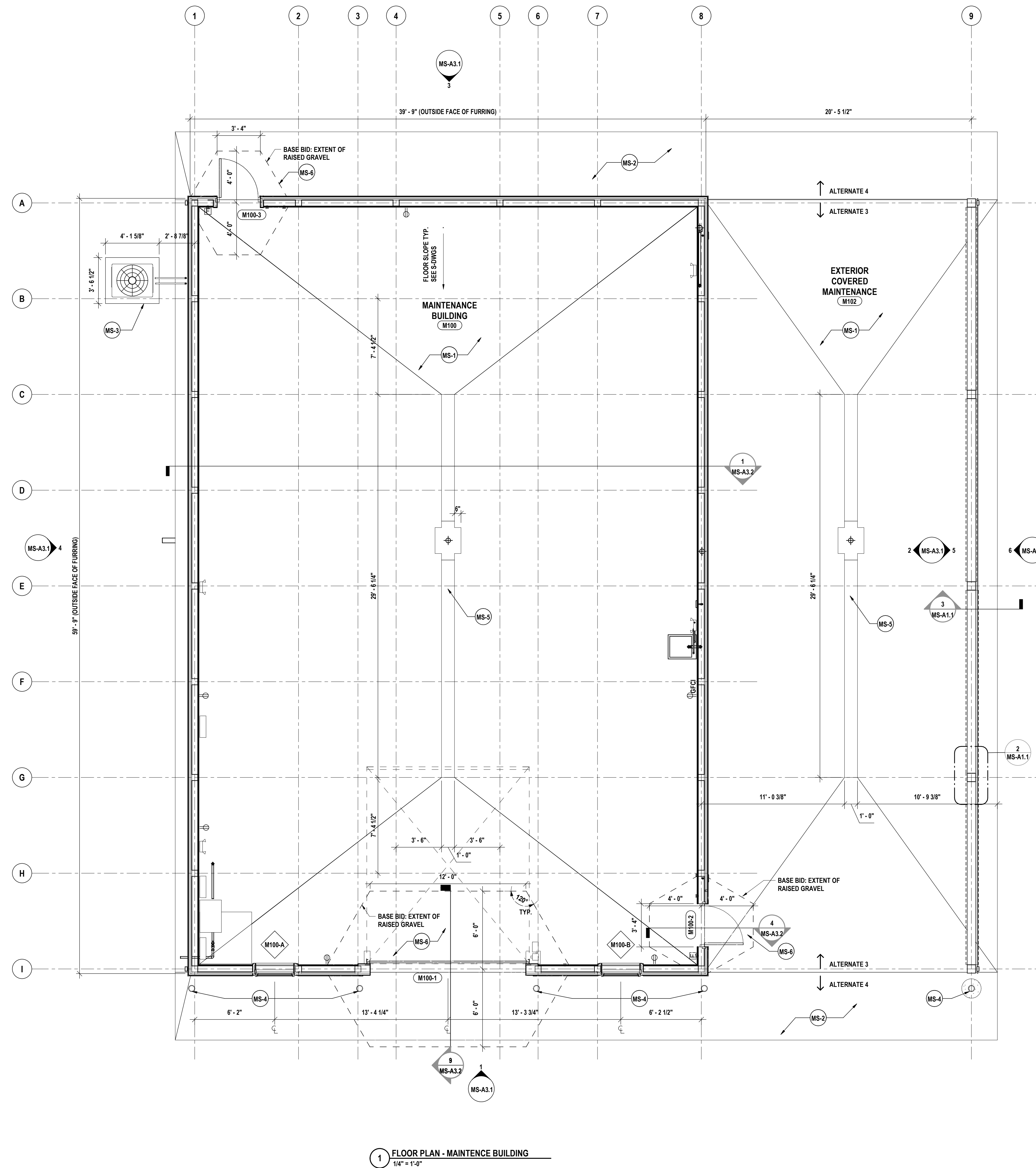
Drawn by: NGR
Checked by: NGR
Date: 11/14/2022
Scale: As indicated
Description of revision:
HUNT ENGINEERS | ARCHITECTS | SURVEYORS
POCANTICO HILLS CSD
MS-S1.1
PROJECT NO: 3288.004

GENERAL NOTES:

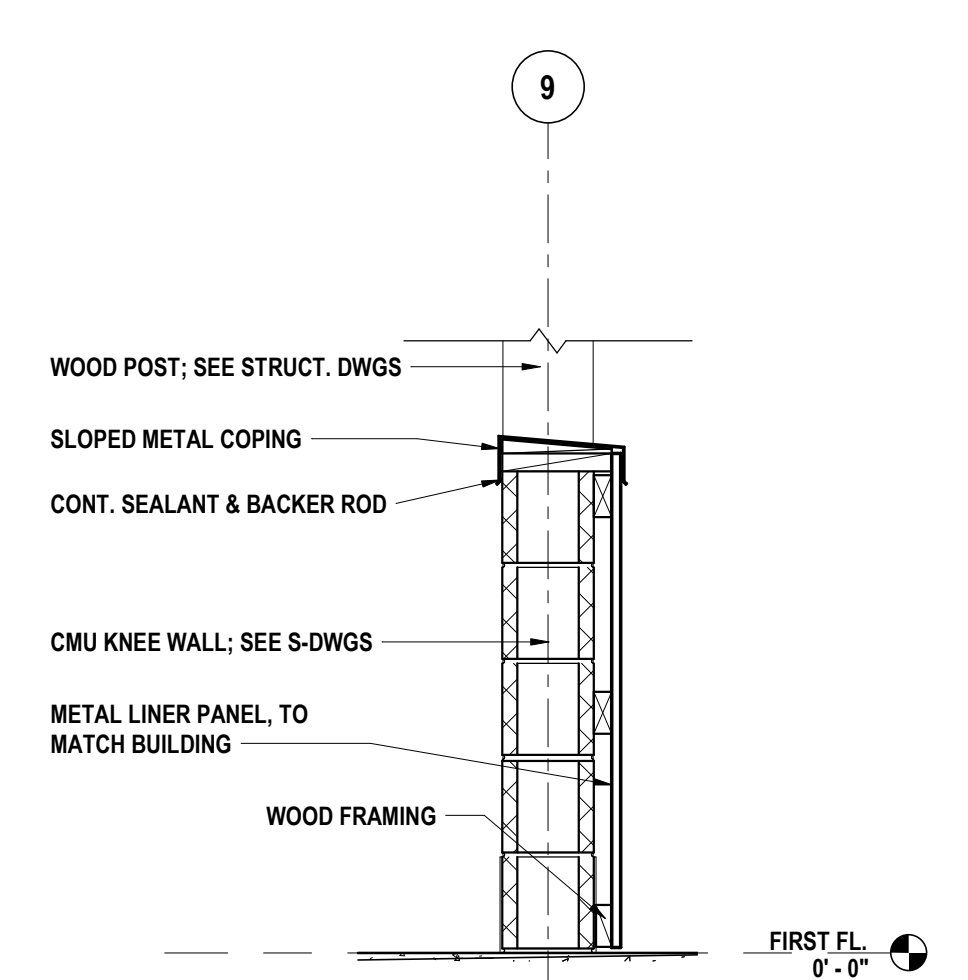
- A THE CONTRACTOR IS RESPONSIBLE FOR ALL WORK REQUIRED TO IMPLEMENT THE WORK OF THE CONTRACT, REGARDLESS OF WHETHER SPECIFICALLY INDICATED OR NOT, UNLESS NOTED OTHERWISE.
- B THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS IN THE FIELD PRIOR TO COMMENCING ANY WORK AND NOTIFY ARCHITECT IMMEDIATELY IF ANY DISCREPANCIES ARE FOUND.
- C THE CONTRACTOR SHALL COORDINATE THE WORK OF THIS CONTRACT WITH THE WORK OF ALL OTHER CONTRACTED WORK AND WORK PERFORMED BY THE OWNER.
- D ALL NEW DOOR FRAMES INSTALLED IN METAL STUD OR MASONRY PARTITIONS SHALL BE MOUNTED 4" FROM ADJACENT WALLS (6" TO DOOR). TOOTH IN CMU BLOCK AND ANCHORS AT DOORS IN EXISTING CMU WALLS, UNLESS NOTED OR DETAILED OTHERWISE.
- E PROVIDE SOLID WOOD BLOCKING OR METAL STRAPPING AS REQUIRED IN METAL STUD WALLS AT ALL WALL MOUNTED EQUIPMENT AND ACCESSORIES INCLUDING FURNITURE FIXTURES AND EQUIPMENT. COORDINATE WITH THE WORK OF ALL OTHER CONTRACTED WORK AND WORK PERFORMED BY THE OWNER.
- F ITEMS SHOWN ARE INTENDED TO GIVE APPROXIMATE QUANTITY, LOCATION & TYPE. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ACTUAL QUANTITY & EXISTING FIELD CONDITIONS.
- G ALL DIMENSIONS ARE TAKEN FROM FACE OF WALL TO FACE OF WALL, UNLESS NOTED OTHERWISE.
- H THERE SHALL BE A MINIMUM OF 1'-4" CLEAR FLOOR SPACE ON THE FULL SIDE OF ALL NEW DOORS; THERE SHALL BE A MINIMUM OF 1'-0" CLEAR FLOOR SPACE ON THE PUSH SIDE OF ALL NEW DOORS.
- I THE WHEELCHAIR SYMBOL INDICATES HANDICAP ACCESSIBLE MOUNTED FIXTURE ELEVATION AND SHALL CONFORM WITH CABO/ANSI A117.1 AND ADAAG.
- J ALL FINISHED ASSEMBLIES ARE REQUIRED TO BE PROTECTED DURING THE COURSE OF CONSTRUCTION. ALL FINISHED ASSEMBLIES DAMAGED DURING THE COURSE OF CONSTRUCTION ARE REQUIRED TO BE REPLACED OR REPAIRED AT THE ARCHITECT'S DIRECTION.

PLAN DRAWING NOTES - MAINTENANCE STORAGE BUILDING:

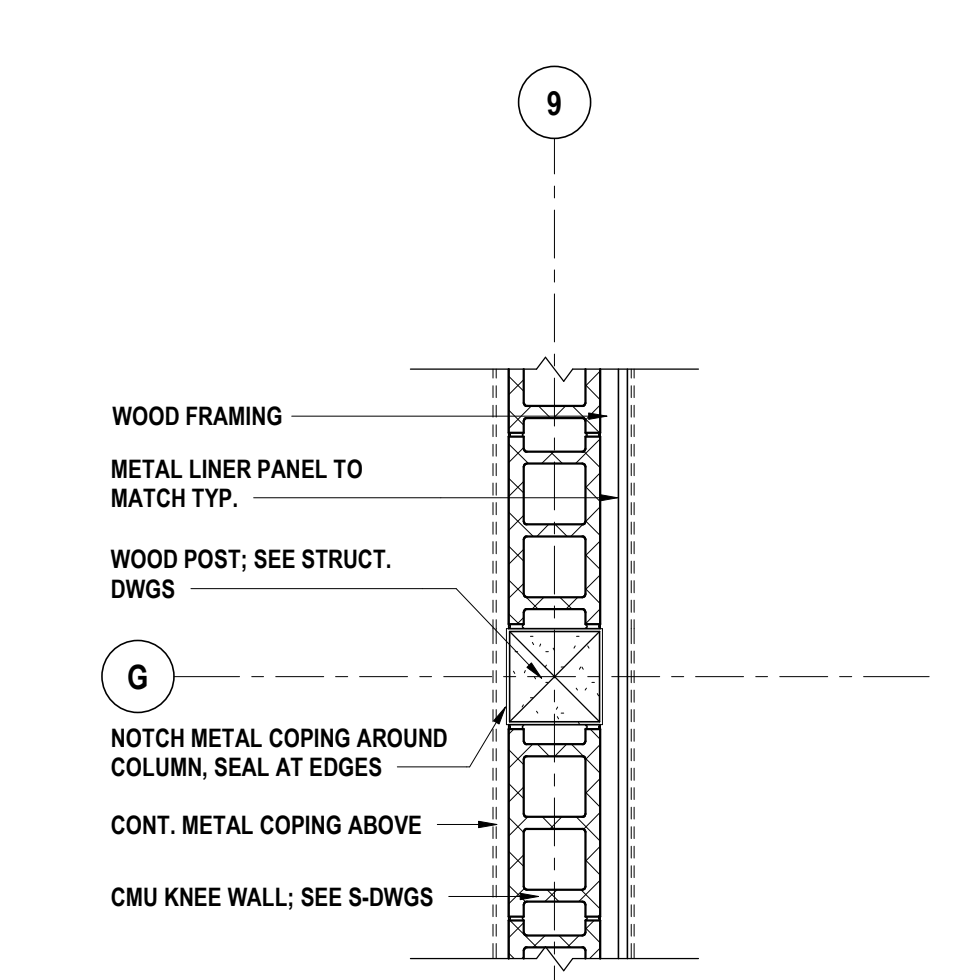
- MS-1 BASE BID: PROVIDE GRAVEL SUB-BASE; SEE S-DWGS FOR MORE DETAILS; ALTERNATE 3: PROVIDE 6" CONCRETE SLAB ON GRADE; SEE S-DWGS FOR MORE DETAILS.
- MS-2 BASE BID: PROVIDE GRAVEL SUB-BASE ONLY AT SIDEWALK LOCATIONS, SEE S-DWGS FOR MORE DETAILS; ALTERNATE 4: PROVIDE 6" CONCRETE SLAB ON GRADE SIDEWALK, SEE S-DWGS FOR MORE DETAILS.
- MS-3 CONCRETE EQUIPMENT PAD, SEE S-DWGS AND L-DWGS.
- MS-4 6" BOLLARD, SEE S-DWGS.
- MS-5 ALTERNATE 3: TRENCH DRAIN, SEE S-DWGS AND P-DWGS.
- MS-6 BASE BID: PROVIDE SLOPED GRAVEL AREA UP TO BOTTOM OF DOOR ON EXTERIOR AND INTERIOR TO EXTENTS SHOWN ON PLAN. SEE ARCHITECTURAL DETAILS FOR MORE INFORMATION. ALTERNATE 3 & 4: PROVIDE CONCRETE SLAB ON GRADE AS NOTED ELSEWHERE.



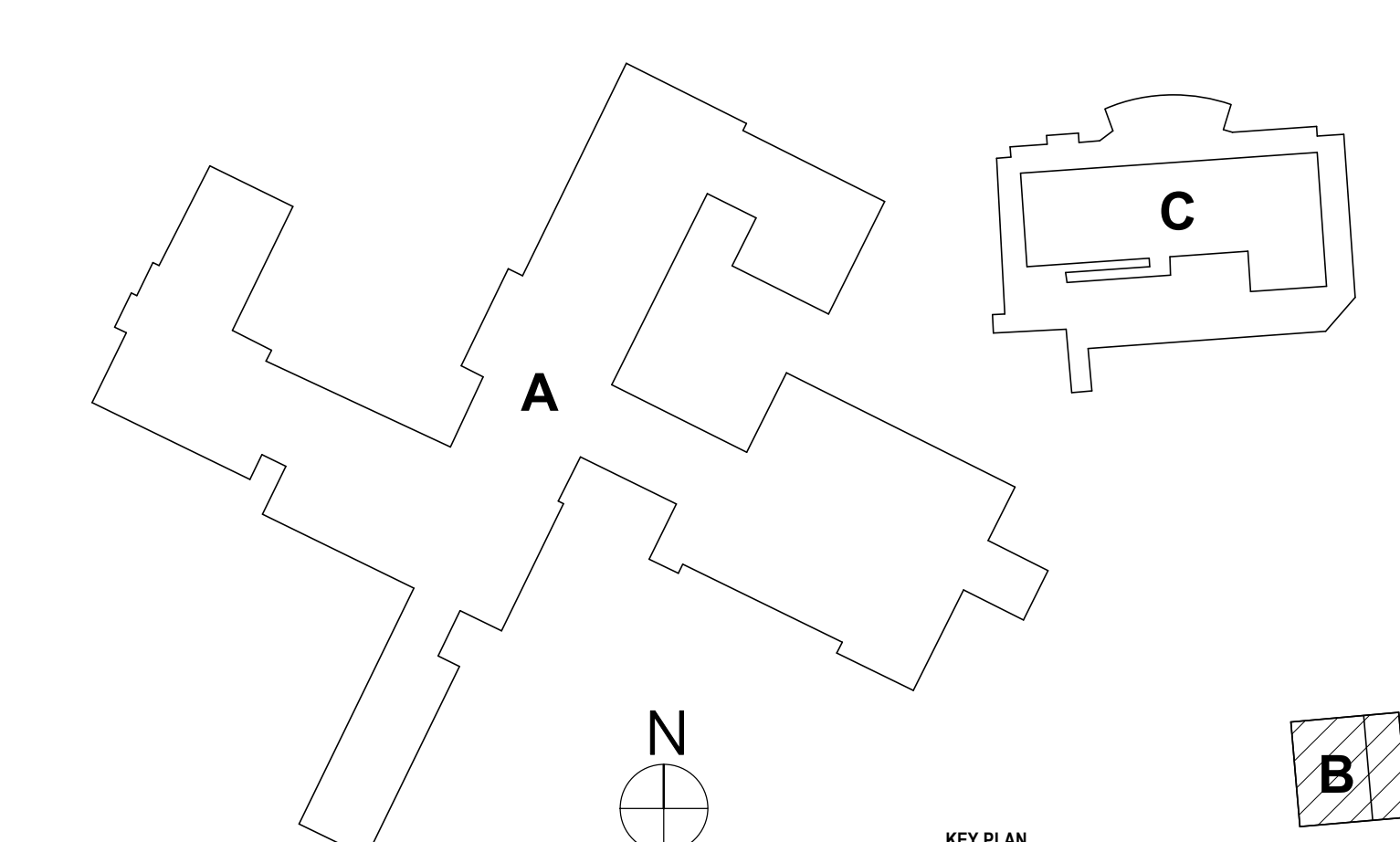
1 FLOOR PLAN - MAINTENANCE BUILDING
1/4" = 1'-0"



3 ALTERNATE 3: CMU KNEE WALL SECTION DETAIL
3/4" = 1'-0"



2 ALTERNATE 3: ENLARGED CMU KNEE WALL PLAN
3/4" = 1'-0"



ISSUED FOR BID: CENTRAL SCHOOL SED # 1648-02-044-001-013, MAINTENANCE STORAGE BUILDING SED # 1648-02-044-001-011

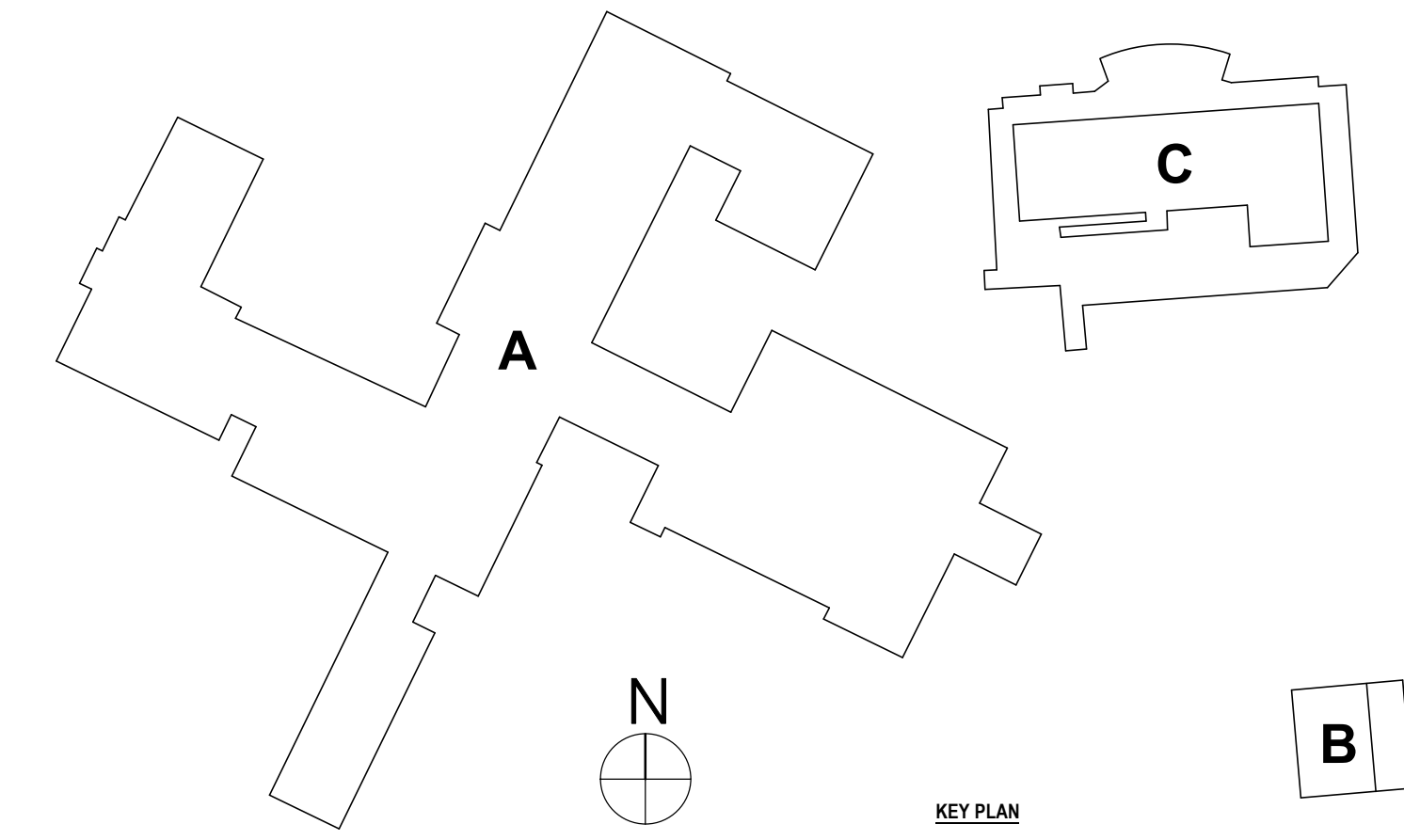
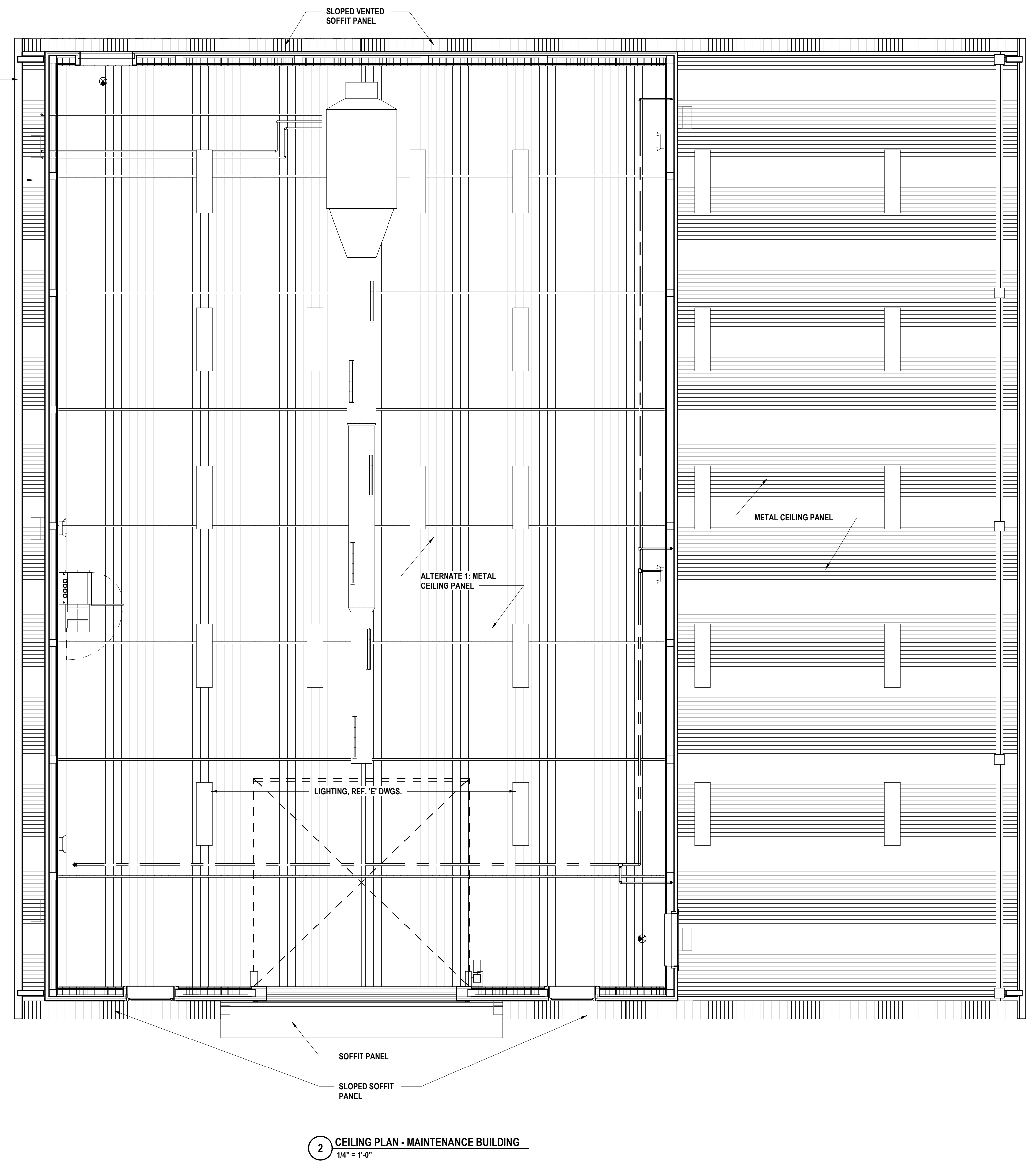
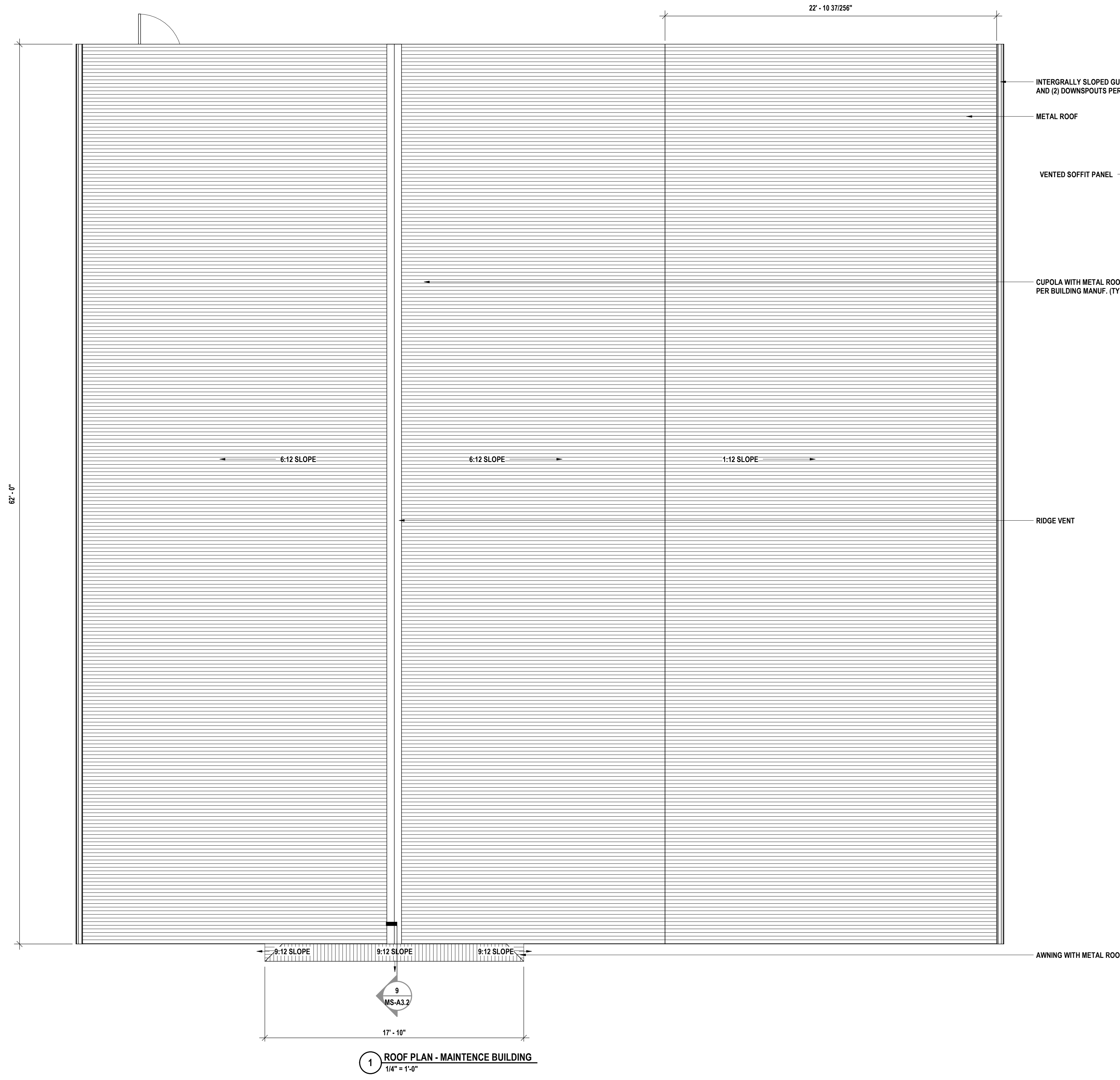
FLOOR PLAN
PHASE 1A - CAPITAL IMPROVEMENTS
POCANTICO HILLS CSD
599 BEDFORD RD, SLEEPY HOLLOW, NY 10581
MS-A1.1
PROJECT NO: 3288.004

HUNT ENGINEERS | ARCHITECTS | SURVEYORS
HORSEHEADS, NY 807 - 358 - 1000 ROCHESTER, NY 585 - 327 - 7849 TOWANDA, PA 870 - 265 - 6868

DATE:	11/14/2022
ISSUED FOR BID:	
DESCRIPTION OF REVISION:	
#	1

DRAWN BY: JJH
CHECKED BY: KESIMWJ
DATE: 10/12/2022
SCALE: As indicated

THIS IS A REVOLUTION OF THE LAW FOR ANY PERSON TO MAKE UNAUTHORIZED ALTERATIONS OR ADDITIONS TO PLANS
DRAWN BY: KESIMWJ
DATE: 10/12/2022
SCALE: As indicated



ISSUED FOR BID, CENTRAL SCHOOL SED # 1648-02-044-001-013, MAINTENANCE STORAGE BUILDING SED # 1648-02-044-001-011

ROOF AND CEILING PLAN
PHASE 1A - CAPITAL IMPROVEMENTS
POCANTICO HILLS CSD
599 BEDFORD RD, SLEEPY HOLLOW, NY 10591

MS-A2.1
PROJECT NO: 3288.004

BY:	JJH	
CHECKED BY:	KESMMWJ	
DATE:	10/12/2022	
SCALE:	1/4" = 1'-0"	
#	DATE	DESCRIPTION OF REVISION:
1	11/16/2022	ISSUED FOR BID

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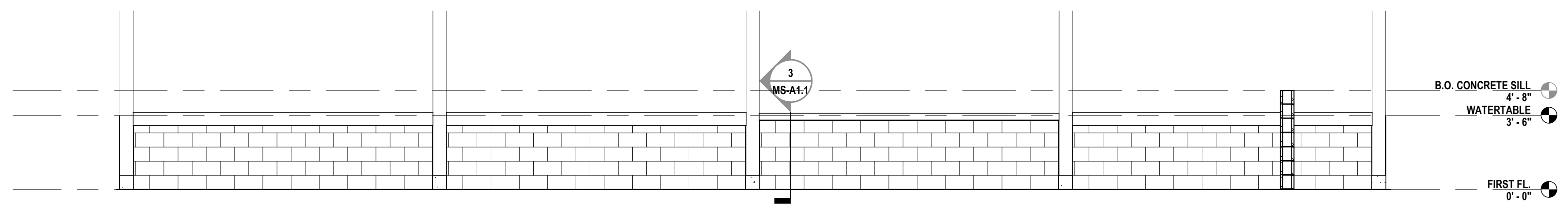
EXTERIOR ELEVATION DRAWING NOTES:

1. METAL ROOF PER PRE ENGINEERED BUILDING MANUF.
2. EXTERIOR METAL WALL PANELS PER BUILDING MANUF.
3. CUPOLA PER BUILDING MANUF.
4. AWNING PER BUILDING MANUF.
5. 2" x 2" DECORATIVE WOOD TRIM
6. GUTTER AND DOWNSPOUT
7. WOOD POST PER BUILDING MANUF.
8. INSULATED METAL SOOR
9. DBL. HUNG INSULATED WINDOW
10. 12" x 12" INSULATED O.H. DOOR
11. 6" CONCRETE SLAB
12. RIDGE VENT
13. HOSE BIB, REF. 'P' DWGS.
14. BOLLARDS TYP. OF (S), REF. 'S' DWGS.
15. PRECAST CONCRETE SILL
16. STONE WATERTABLE (ALT-1)

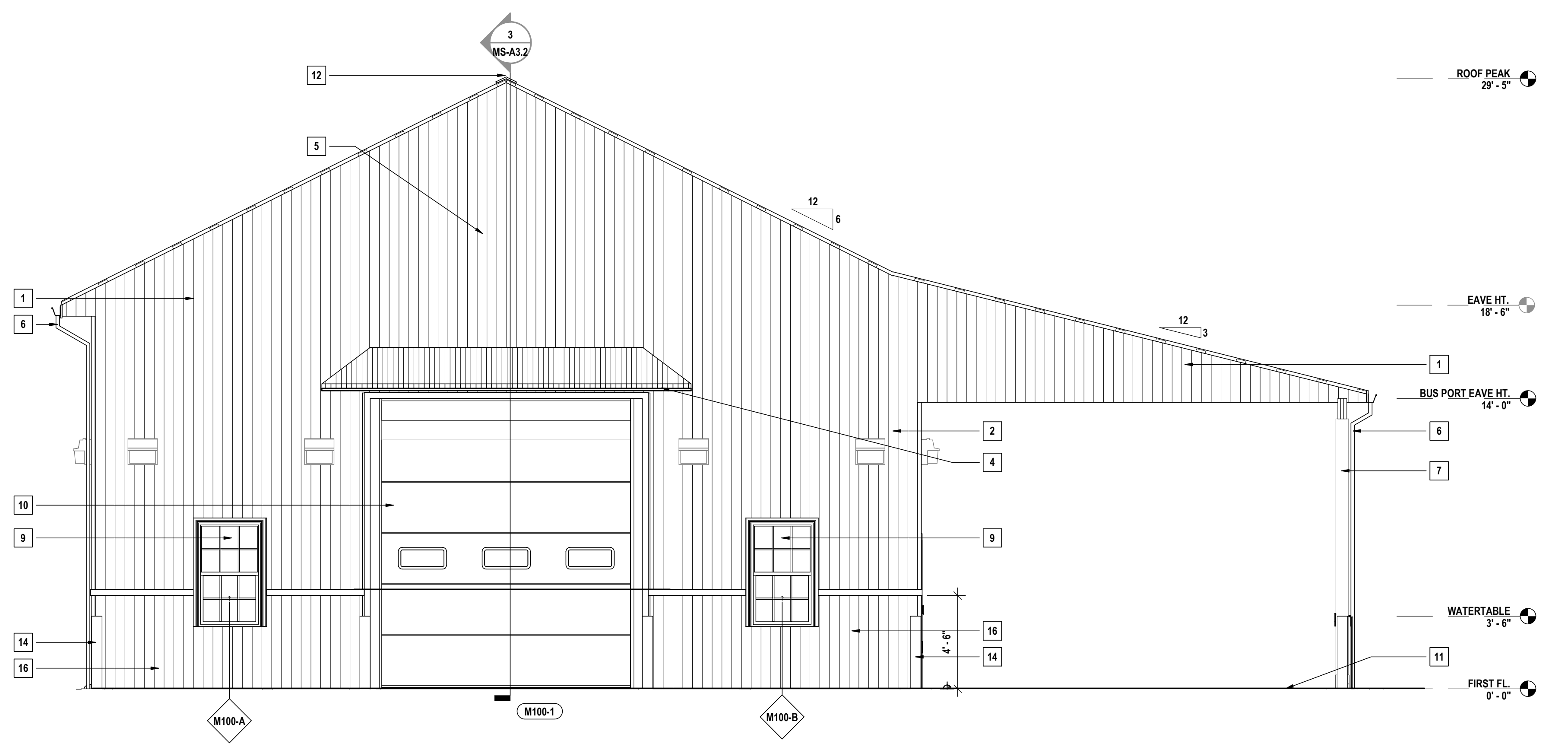
BY:	JJH	
CHECKED BY:	KES/MWJ	
DATE:	10/12/2022	
SCALE:	1/4" = 1'-0"	
DESCRIPTION OF REVISION:		
#	DATE	ISSUED FOR
1	11/16/2022	



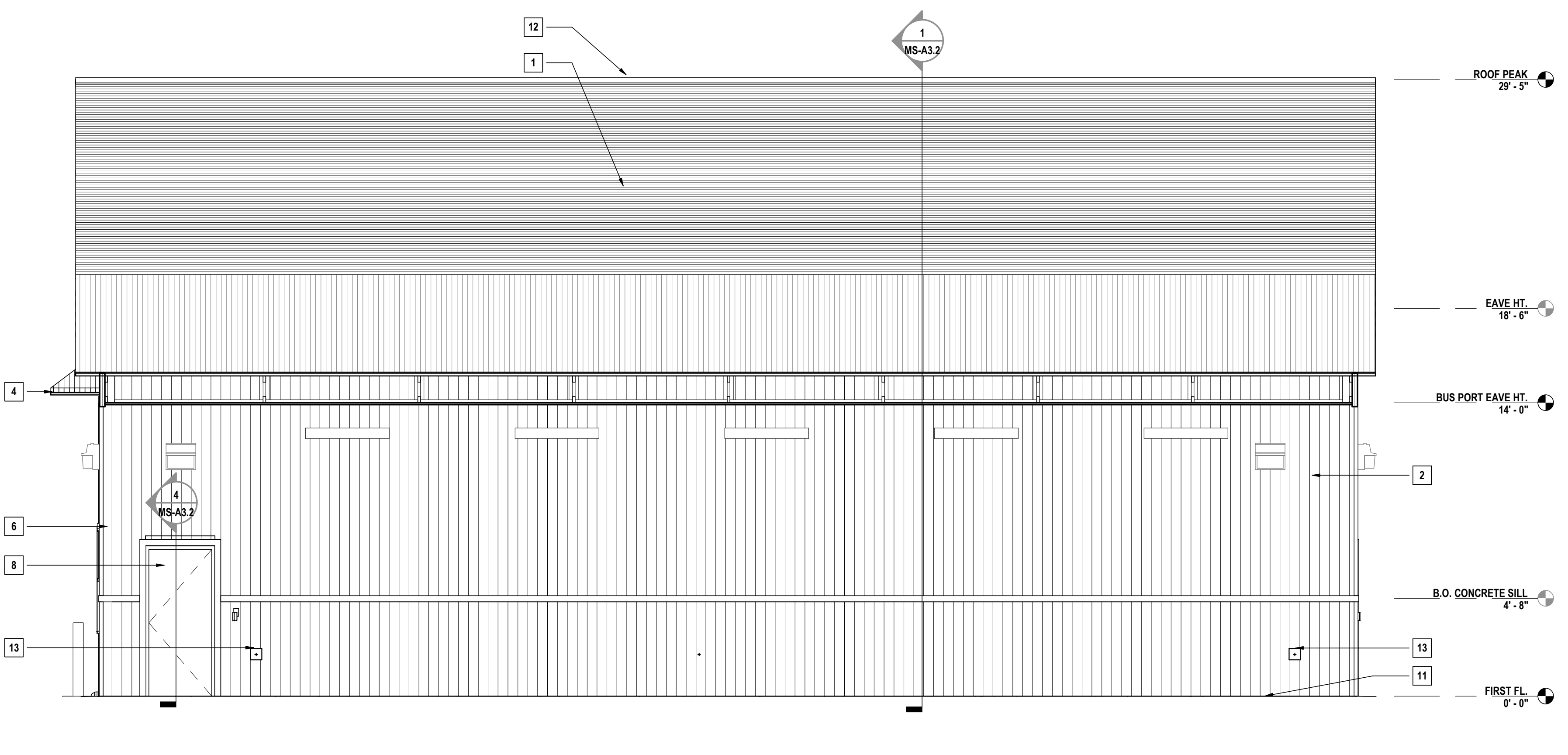
6 COVER BUS MAINTENANCE KNEE WALL RIGHT ELEVATION
1/4" = 1'-0"



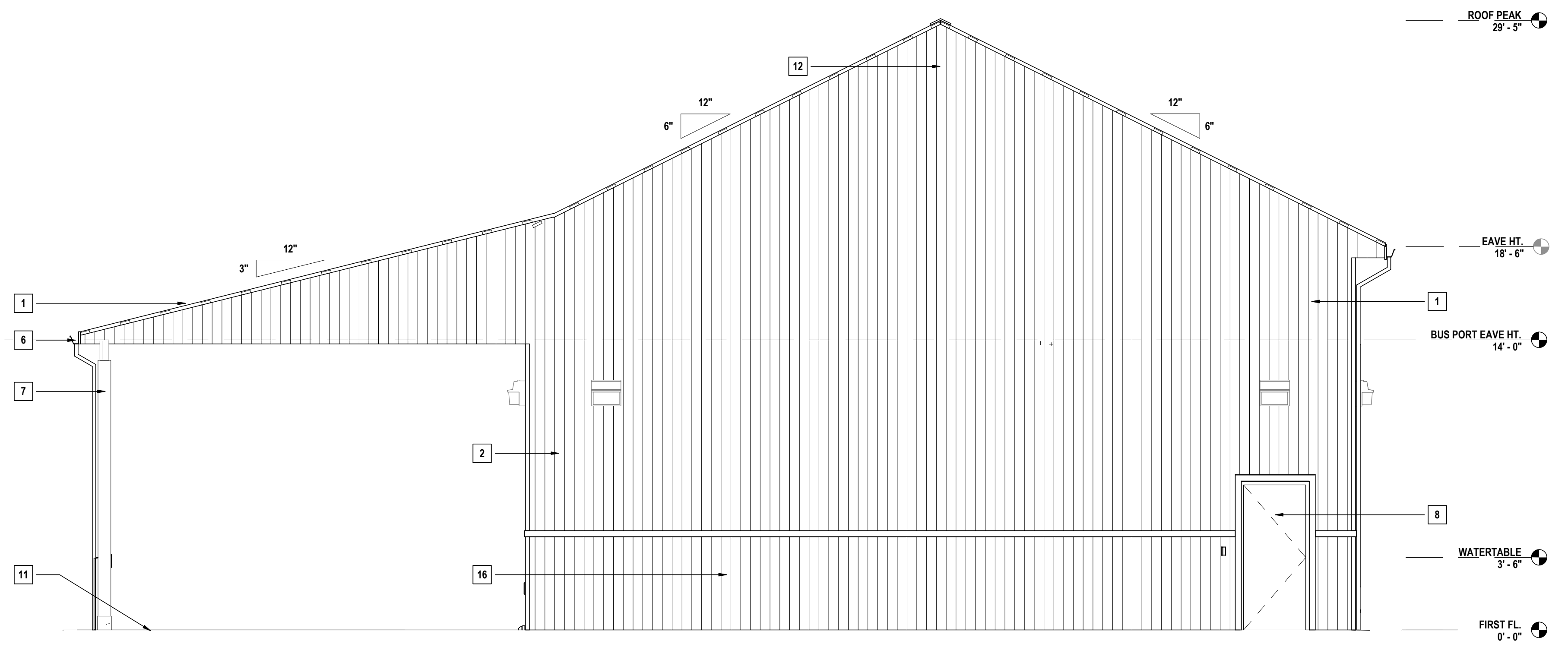
5 COVERED BUS MAINTENANCE KNEE WALL LEFT ELEVATION
1/4" = 1'-0"



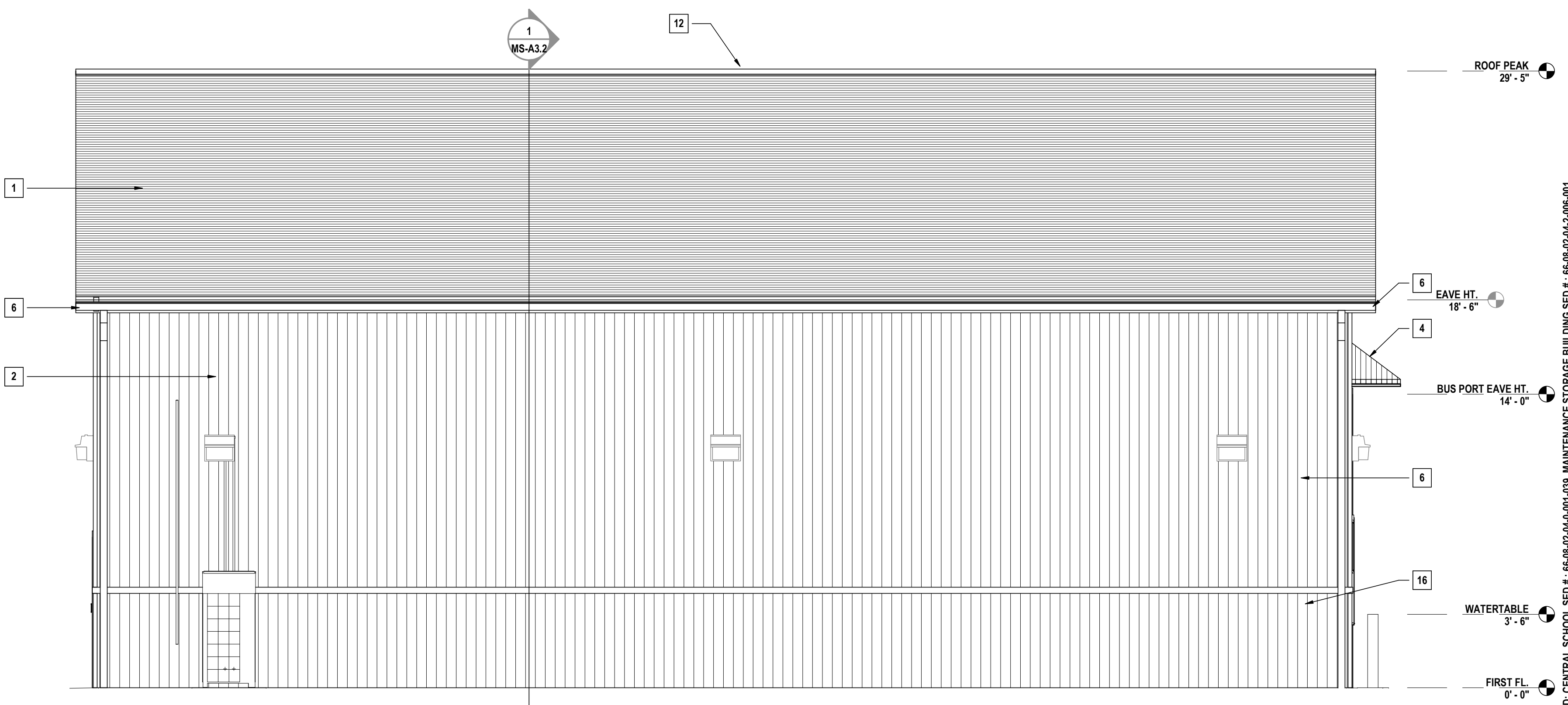
1 FRONT ELEVATION
1/4" = 1'-0"



2 RIGHT ELEVATION
1/4" = 1'-0"



3 REAR ELEVATION
1/4" = 1'-0"



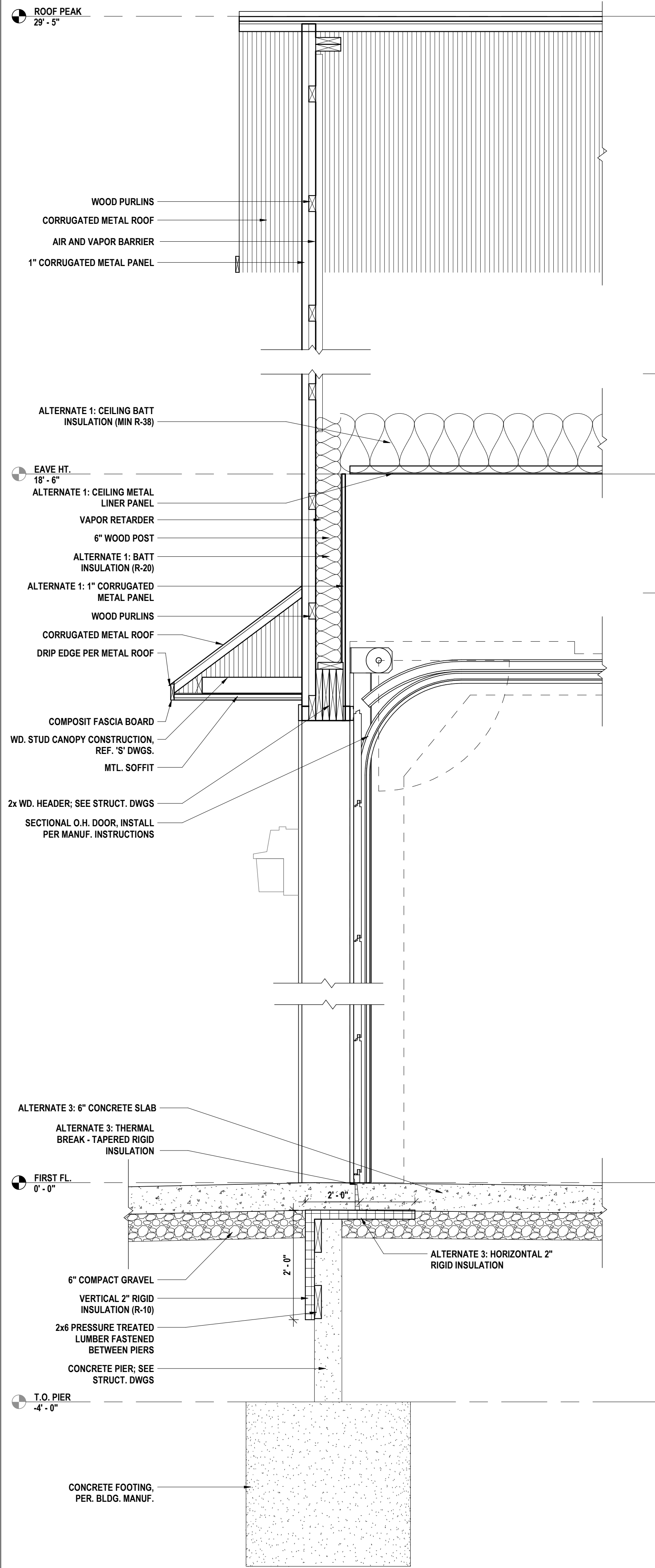
4 LEFT ELEVATION
1/4" = 1'-0"

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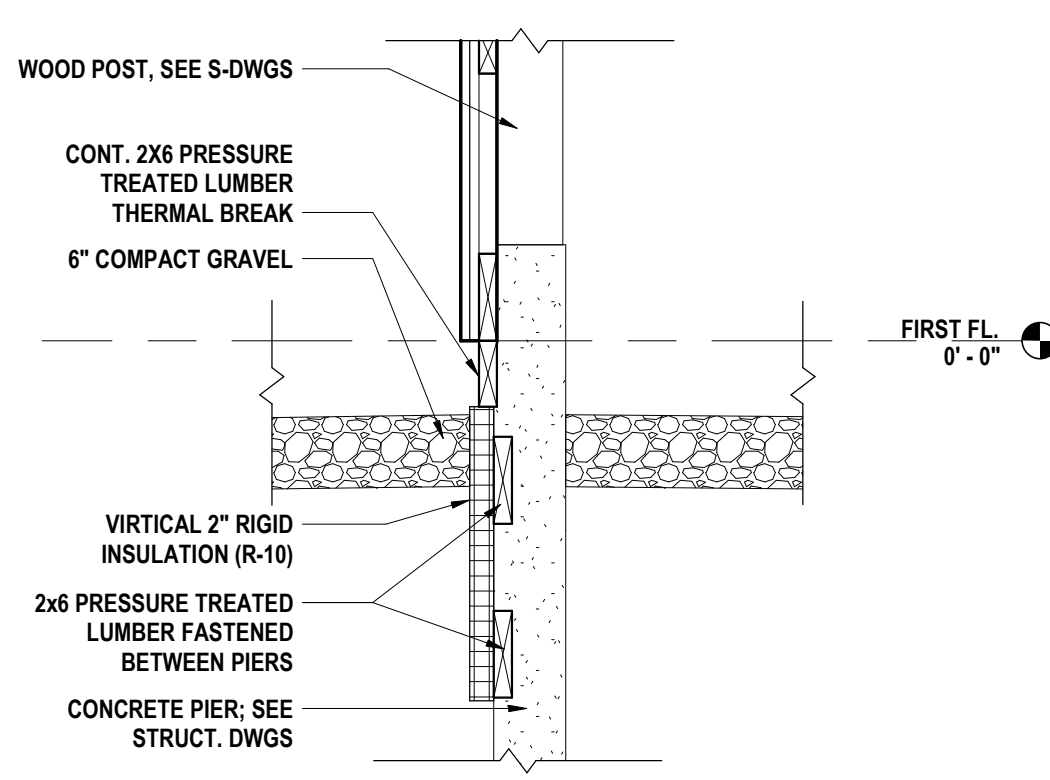
ISSUED FOR BID: CENTRAL SCHOOL SED # 1648-02-044-001-018; MAINTENANCE STORAGE BUILDING SED # 1648-02-044-008-001

EXTERIOR ELEVATIONS
PHASE 1A - CAPITAL IMPROVEMENTS
POCANTICO HILLS CSD
598 BEDFORD RD, SLEEPY HOLLOW, NY 10581

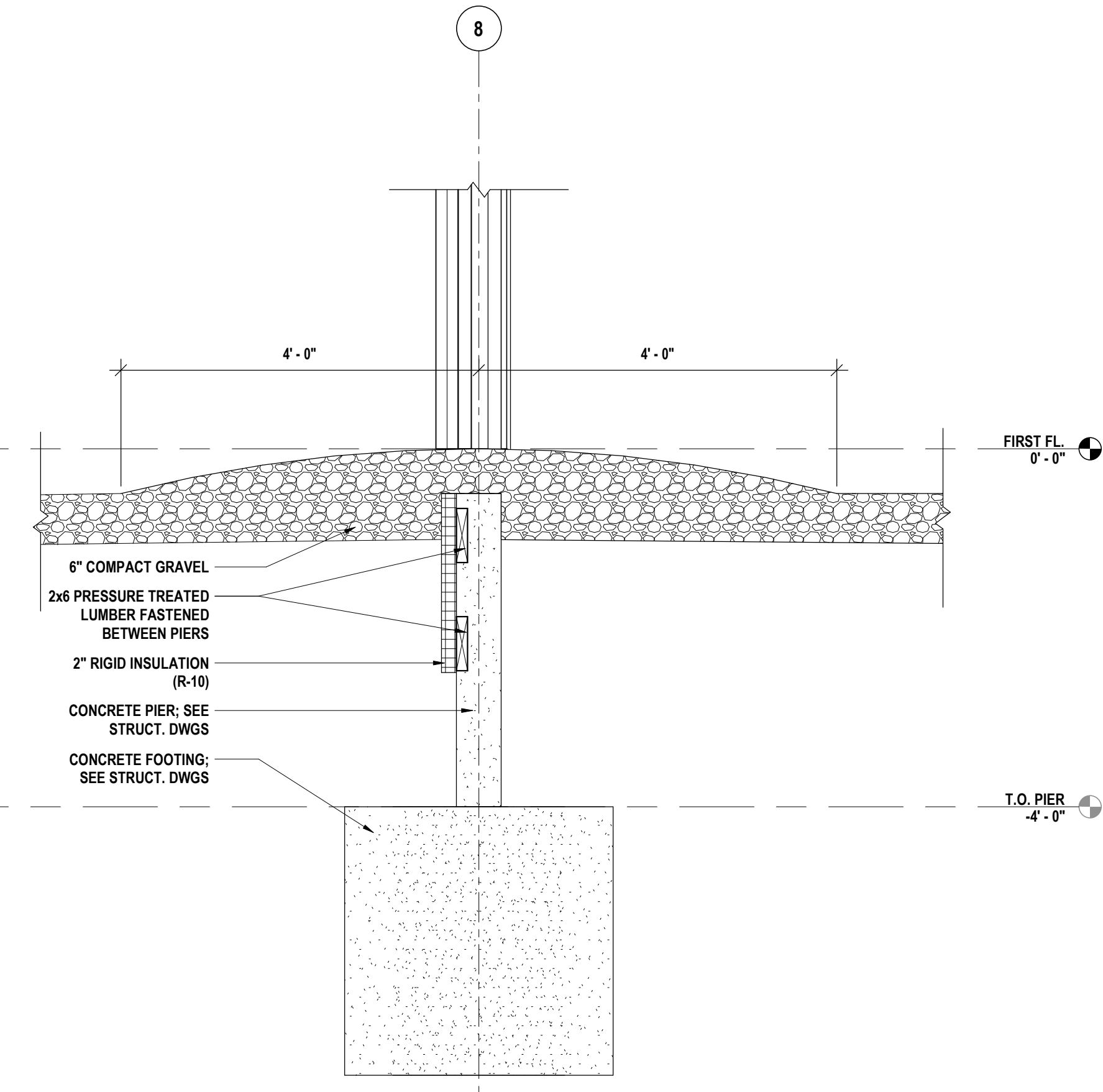
MS-A3.1
PROJECT NO: 3288.004



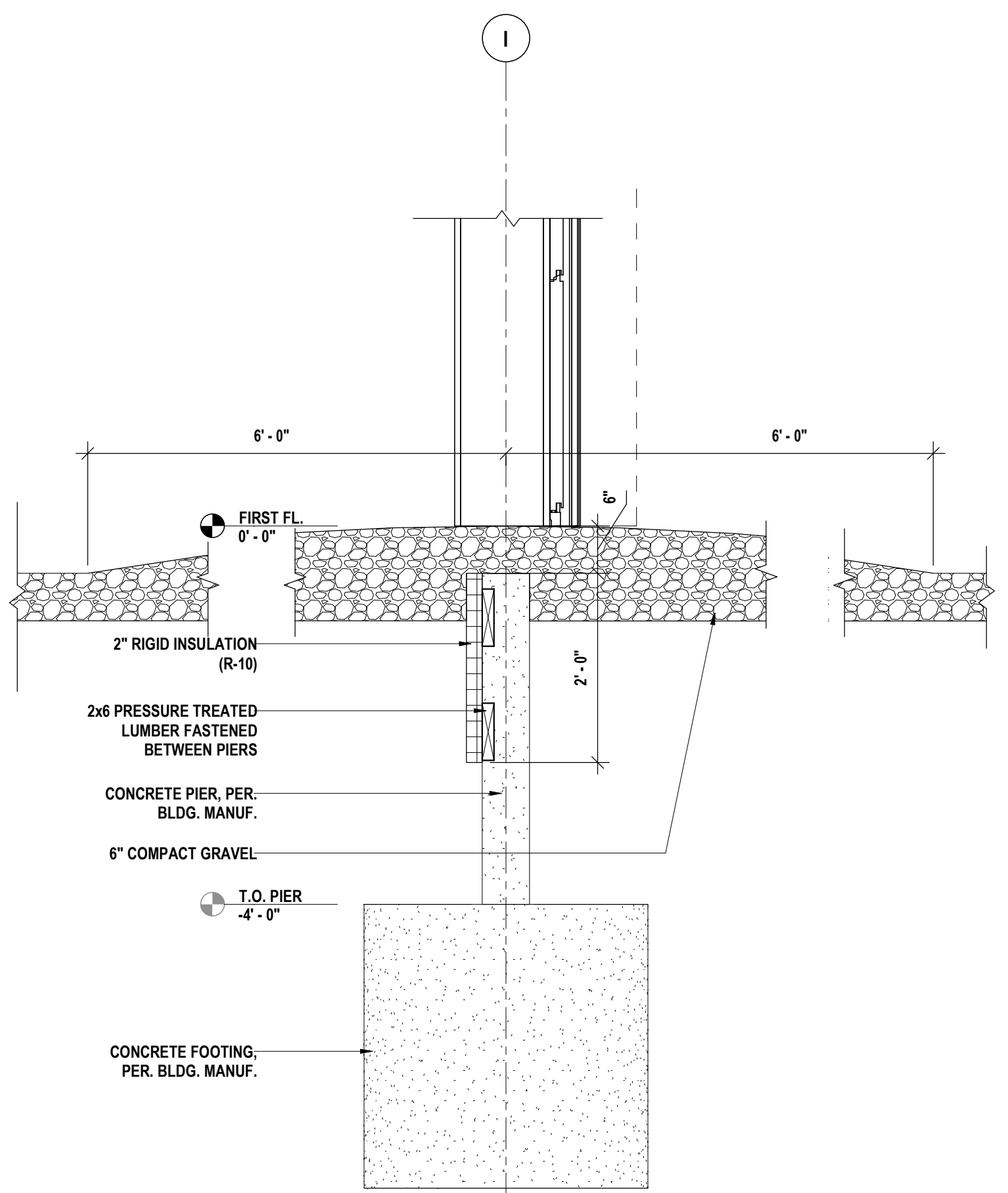
3 OVERHEAD DOOR SECTION
3/4" = 1'-0"



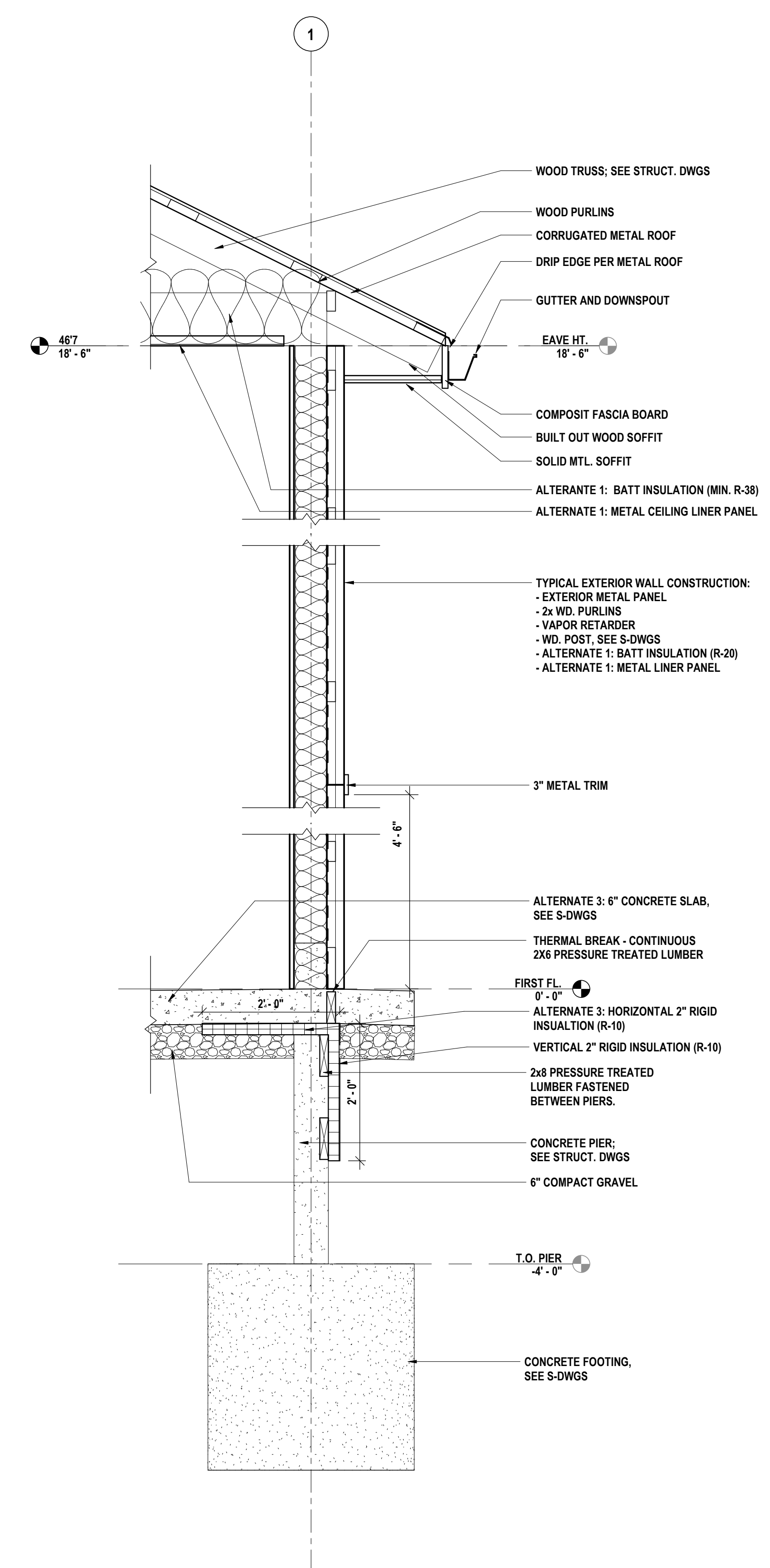
7 BASE BID - TYP. THERMAL BREAK DETAIL
3/4" = 1'-0"



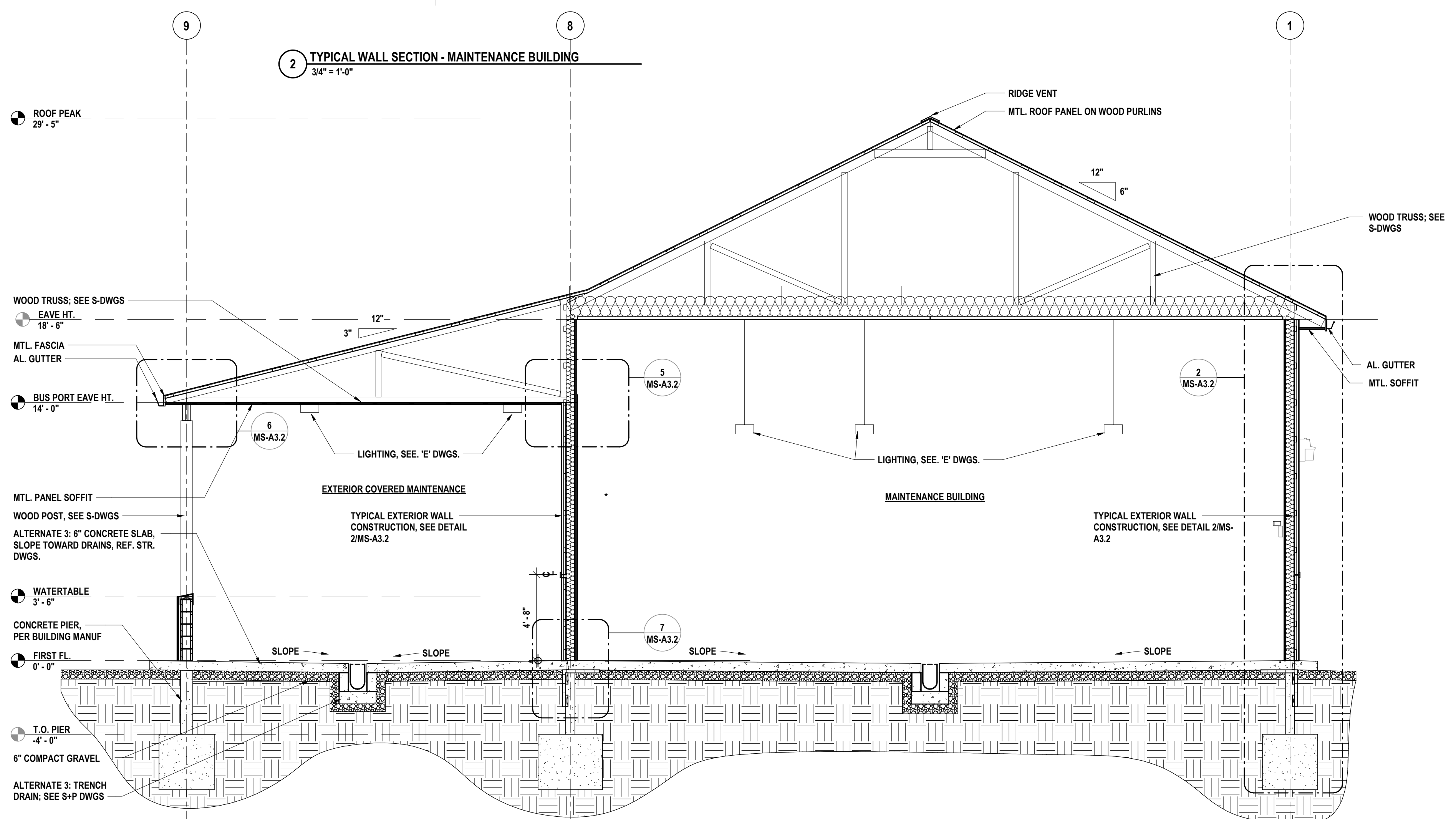
4 BASE BID - GRAVEL INFILL DETAIL @ MAN DOOR
3/4" = 1'-0"



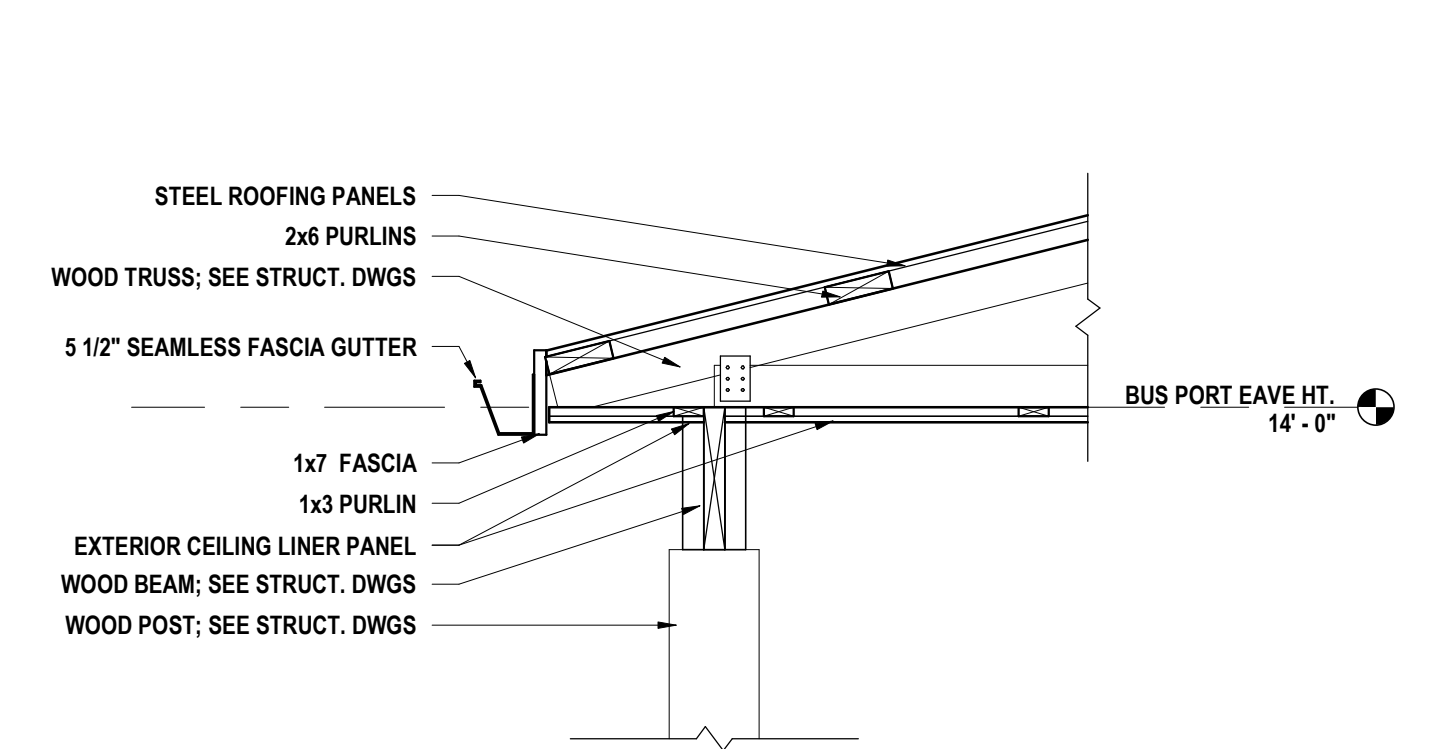
9 BASE BID - GRAVEL INFILL DETAIL @ OVERHEAD DOOR
3/4" = 1'-0"



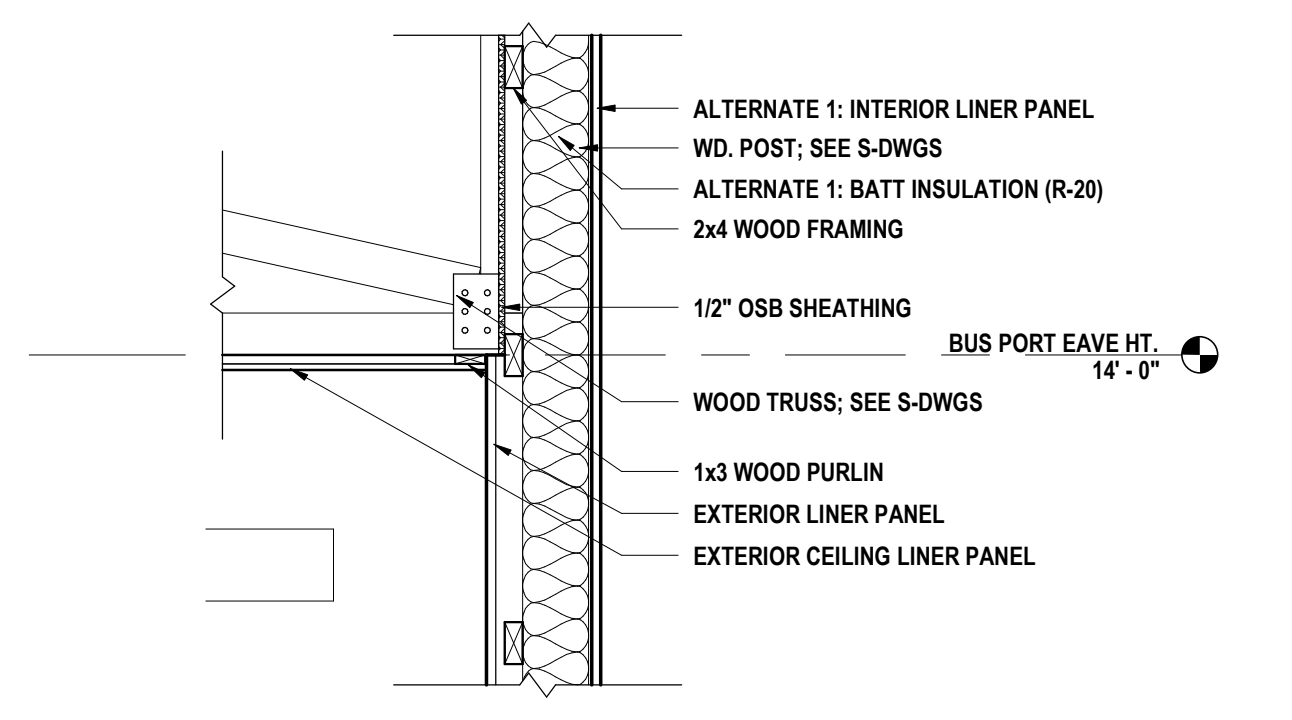
2 TYPICAL WALL SECTION - MAINTENANCE BUILDING
3/4" = 1'-0"



1 LEFT TO RIGHT BUILDING SECTION - MAINTENANCE BUILDING
1/4" = 1'-0"



6 BUS WASH TRUSS CONNECTION DETAIL 2
3/4" = 1'-0"



5 BUS WASH TRUSS CONNECTION DETAIL
3/4" = 1'-0"

DRAWN BY:	JJH	
CHECKED BY:	KESIMWJ	
DATE:	10/12/2022	
SCALE:	As indicated	
BY:		
DESCRIPTION OF REVISION:		
ISSUED FOR BID		
#	DATE	DESCRIPTION OF REVISION
1	11/16/2022	

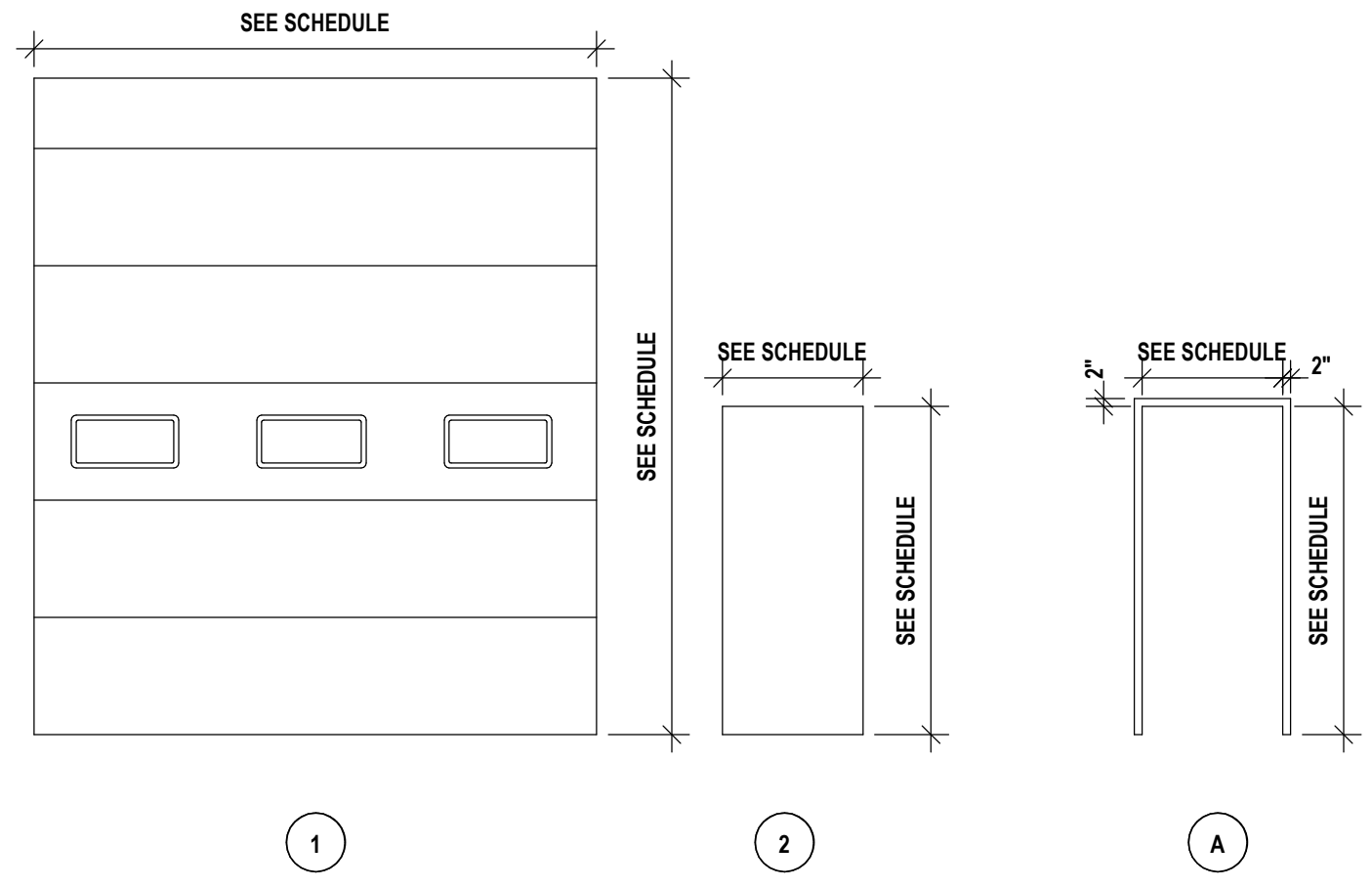
IT IS A VIOLATION OF THE LAW FOR ANY PERSON TO MAKE UNAUTHORIZED ALTERATIONS OR ADDITIONS TO PLANS DRAWN BY A LICENSED PROFESSIONAL ENGINEER, ARCHITECT OR SURVEYOR.

HUNT ENGINEERS | ARCHITECTS | SURVEYORS
HORSEHEADS, NY 807 - 358 - 1000 ROCHESTER, NY 585 - 327 - 7849 TOWANDA, PA 870 - 265 - 4888

BUILDING SECTIONS AND DETAILS
PHASE 1A - CAPITAL IMPROVEMENTS
POCANTICO HILLS CSD
598 BEDFORD RD. SLEEPY HOLLOW, NY 10581

MS-A3.2
PROJECT NO: 3288.004

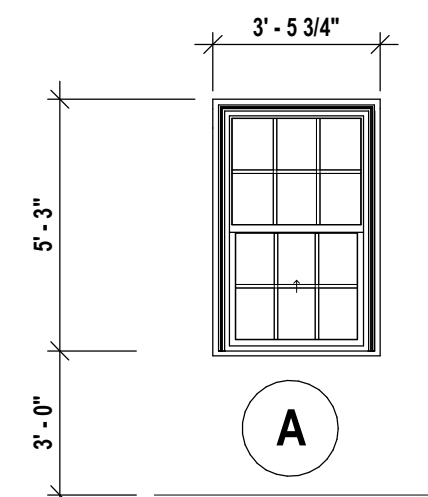
DOOR SCHEDULE															
#	DOOR					ASSEMBLY LABEL	GLAZING MATL.	HDWR SET	FRAME			DETAIL			NOTES
	TYPE	SIZE	THICK.	MATL.	FINISH				TYPE	MATL.	FINISH	HEAD	JAMB	SILL	
M100-1	1	12'-0" x 14'-0"	2"	STL	PNT	N/A	PER SPEC	N/A		STL	N/A	5MS-A6.1	5MS-A6.1	5MS-A6.1	FINISH PER MFR STANDARD
M100-2	2	3'-0" x 7'-0"	1 3/4"	STL	PVDF	N/A	PER SPEC		1	FGL	PVDF	3MS-A6.1	3MS-A6.1	4MS-A6.1	
M100-3	2	3'-0" x 7'-0"	1 3/4"	STL	PVDF	N/A	PER SPEC		1	FGL	PVDF	3MS-A6.1	3MS-A6.1	4MS-A6.1	



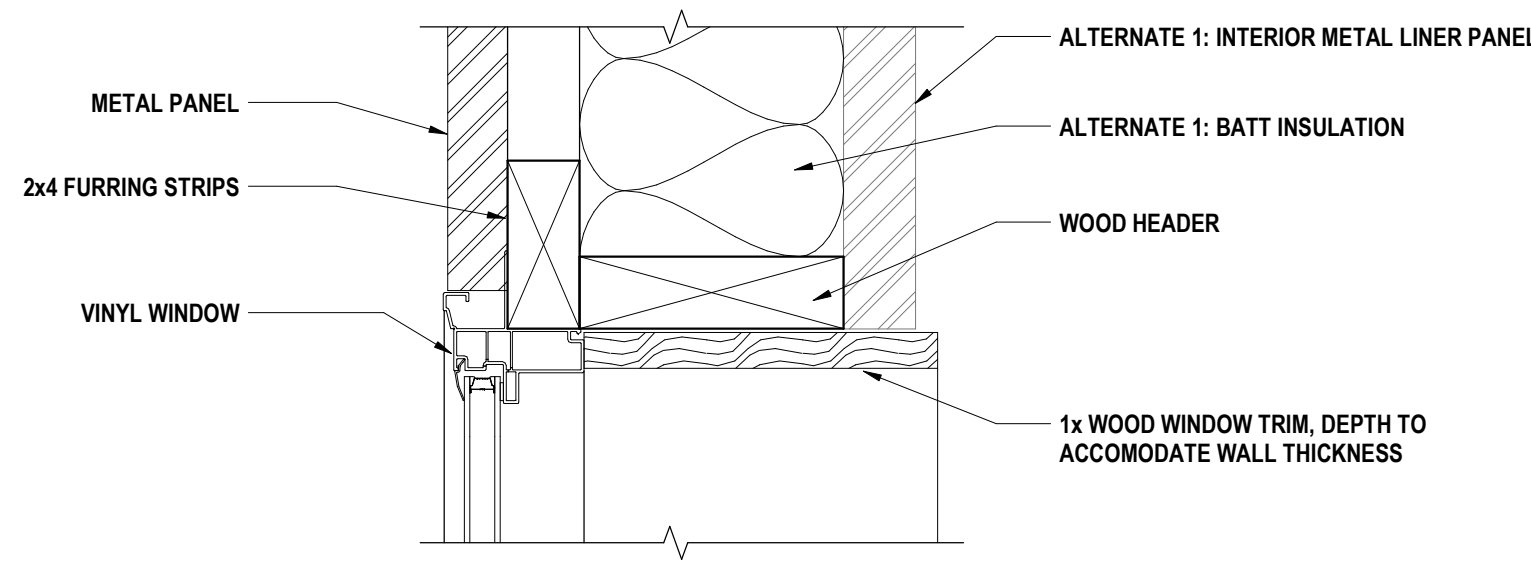
DOOR TYPE

FRAME TYPE

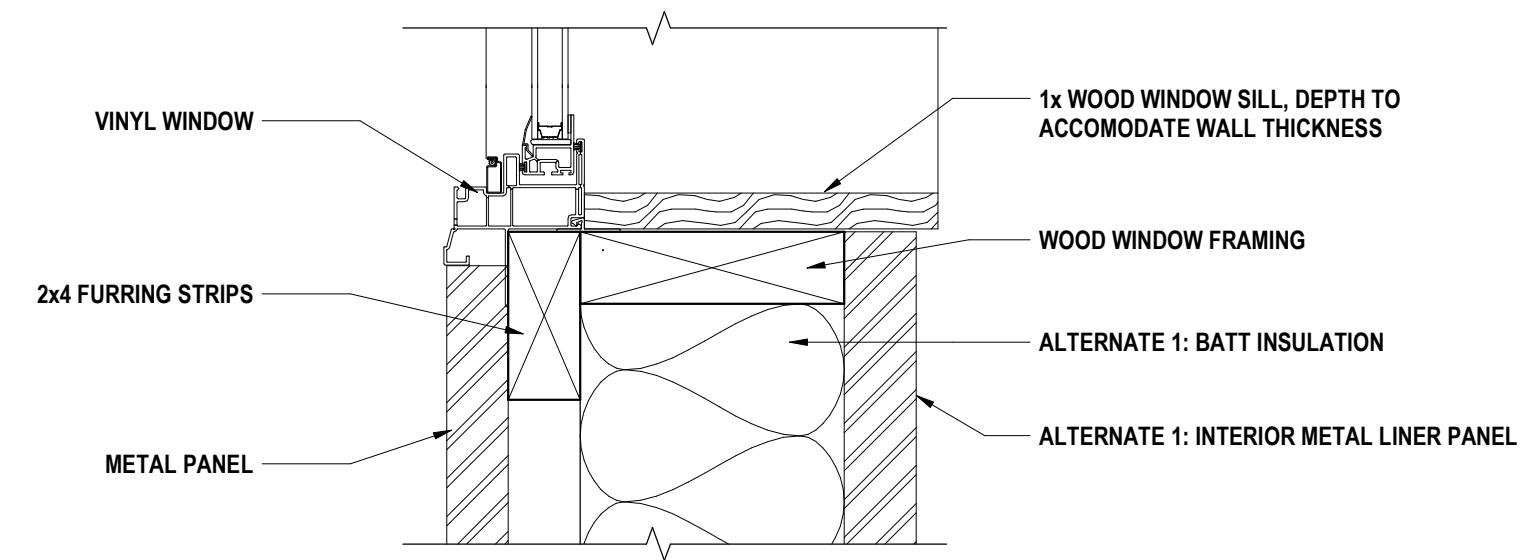
WINDOW SCHEDULE									
NUMBER	WINDOW TYPE	FRAME			GLAZING	DETAIL			NOTES
		MATERIAL	FINISH			HEAD	JAMB	SILL	
M100-A	A	VINYL	VINYL		PER SPEC	1MS-A6.1	1MS-A6.1 SIM	2MS-A6.1	SINGLE HUNG
M100-B	A	VINYL	VINYL		PER SPEC	1MS-A6.1	1MS-A6.1 SIM	2MS-A6.1	SINGLE HUNG



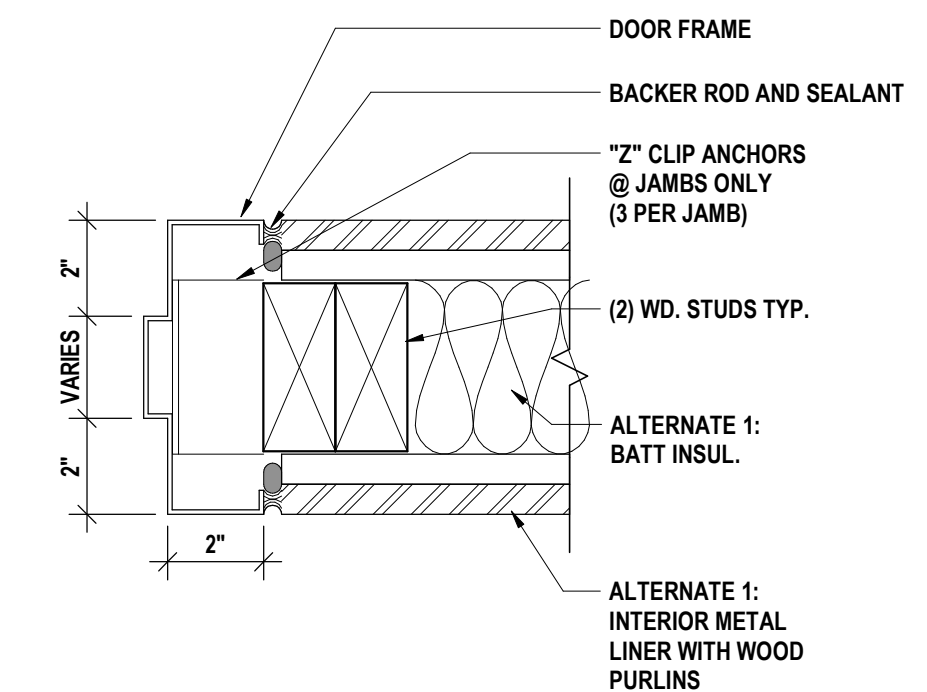
DOOR & FRAME ELEVATIONS
1/4" = 1'-0"



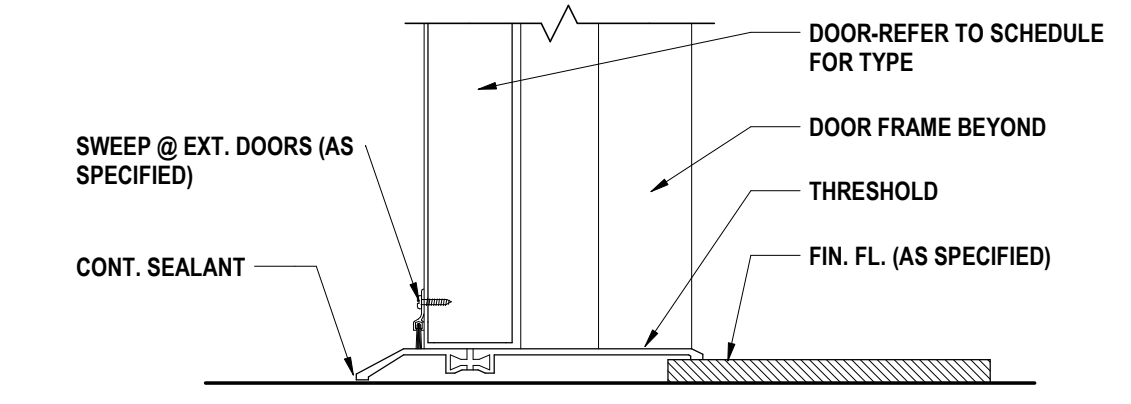
1 WINDOW HEAD DETAIL
3/4" = 1'-0"



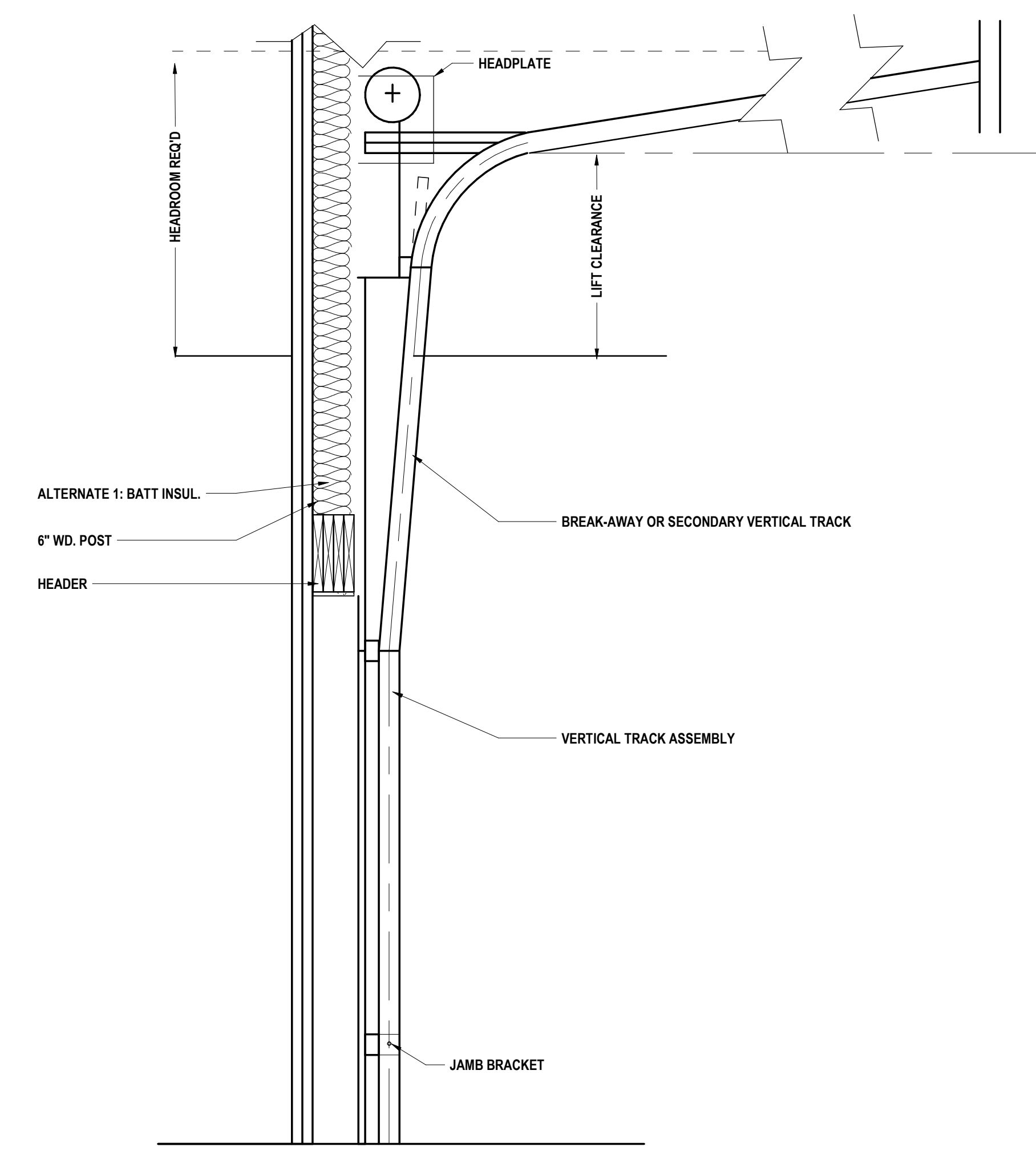
2 WINDOW SILL DETAIL
3/4" = 1'-0"



3 WALK DOOR HEAD AND FRAME DETAIL
3/4" = 1'-0"



4 WALK DOOR THRESHOLD DETAIL
3/4" = 1'-0"

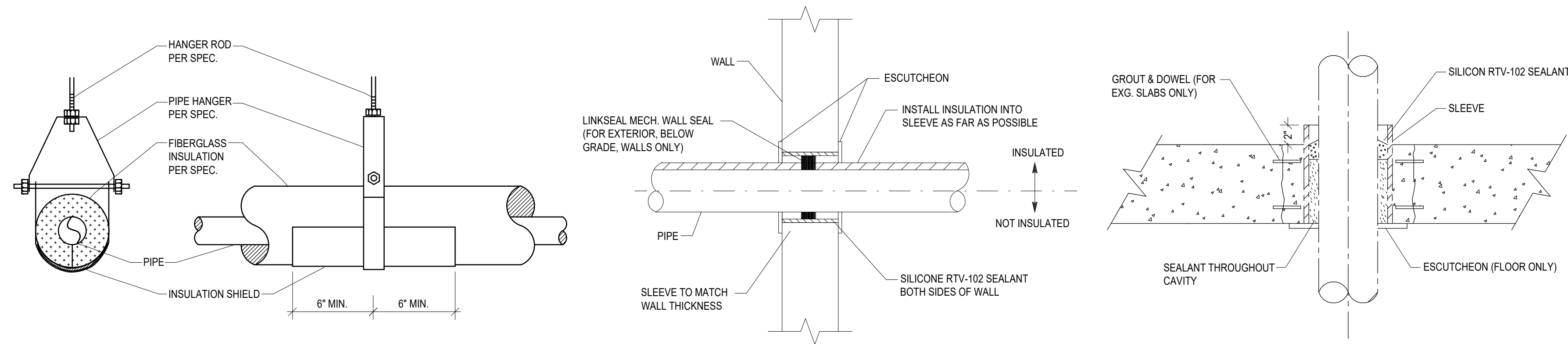


5 TYP. OVERHEAD DOOR HEAD DETAIL
3/4" = 1'-0"

DRAWN BY:	JJH	
CHECKED BY:	KESMMWJ	
DATE:	10/12/2022	
SCALE:	As indicated	
BY:		
DESCRIPTION OF REVISION:		
#	DATE	ISSUED FOR
1	11/14/2022	BID

HUNT ENGINEERS | ARCHITECTS | SURVEYORS
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IT IS A VIOLATION OF THE LAW FOR ANY PERSON TO MAKE UNAUTHORIZED ALTERATIONS OR ADDITIONS TO PLANS DRAWN BY LICENSED ENGINEERS, ARCHITECTS OR SURVEYORS.

ISSUED FOR BID: CENTRAL SCHOOL SED # 1648-02-044-001-003, MAINTENANCE STORAGE BUILDING SED # 1648-02-044-006-001
DOOR AND WINDOW SCHEDULES
PHASE 1A - CAPITAL IMPROVEMENTS
POCANTICO HILLS CSD
 599 BEDFORD RD, SLEEPY HOLLOW, NY 10581
MS-A6.1
 PROJECT NO: 3288.004



PLUMBING FIXTURE SCHEDULE				
NO.	TYPE	MFG./MODEL	TRIM	REMARKS
TD-1	TRENCH DRAIN, CAST-IN-PLACE SYSTEM, RADIUS BOTTOM	ABT, INC. TFX 12" WIDTH (SLOPING)	SERIES 1610 CATCH BASIN, 24" DEPTH, WITH 502 SERIES HIGH INTAKE SLOTTED DUCTILE IRON GRATE	PROVIDE AASHTO M306 RATED SLOTTED GRATE. NOTE B. ALT. #3
P-1	PRESSURE BOOSTER PUMP	GRUNDFOS CMBE TWIN 1-44 I-X-C-B-D-G		COORDINATE PUMP LOCATION. NOTE A. ALT. #2
HYD-1	HYDRANT, EXTERIOR WALL MOUNT IN RECESSED LOCKABLE BOX	ZURN Z-1300	ANTI-SIPHON, NON-FREEZE, AUTOMATIC DRAINING	PROVIDE KEYS TO OWNER. ALT. #2
HYD-2	HYDRANT, INTERIOR WALL MOUNT IN RECESSED LOCKABLE BOX	ZURN Z-1325-PB-VB	ENCASED, VARI-TEMP, NON-FREEZE, ANTI-SIPHON	PROVIDE KEYS TO OWNER. ALT. #2
EW-1	EYEWASH, EMERGENCY, ADA COMPLIANT	HAWS 7610	DECK MOUNT	PROVIDE TEMPERED WATER BLENDING SYSTEM, HAWS MODEL 9201EFE.
CO-1	CLEANOUT, FLOOR	ZURN Z1400	ADJUSTABLE TOP	PROVIDE POLISHED BRONZE TOP. REFER TO PLAN FOR PIPE SIZE. NOTE C. ALT. #2

NOTES:

A. REFER TO PLUMBING FIXTURE ELECTRICAL REQUIREMENTS SCHEDULE.

B. PLUMBING CONTRACTOR TO EXCAVATE AND PREPARE AREA, MIX AND APPLY FORM RELEASE PRODUCT, ASSEMBLE RAILS, LEGS, FORMS, CLAMPS AND PLACE COMPLETED TRENCH COMPONENTS AT REQUIRED LOCATIONS. PLUMBING CONTRACTOR TO PROVIDE CONCRETE ANCHORING SLAB WALL TO WALL AND END TO END IN BOTTOM OF EXCAVATION COVERING TRENCH DRAIN U-LEGS WITH MINIMUM OF 2 INCHES OF CONCRETE. COORDINATE FINISHED FLOOR CONCRETE POUR. PLUMBING CONTRACTOR TO REMOVE ALL FORM MATERIAL FROM TRENCH DRAINS AFTER FINISHED FLOOR CONCRETE HAS DRIED AND INSTALL ALL GRATES. ALL TRENCH DRAIN WORK SHALL BE INSTALLED PER TRENCH DRAIN MANUFACTURERS INSTALLATION INSTRUCTIONS.

C. VERIFY LOCATION OF FLOOR DRAIN / FLOOR SINK / FLOOR CLEANOUT APPLY CORRECT APPLICATION, RECESSED FOR TILE, RECESSED FOR TERRAZZO.

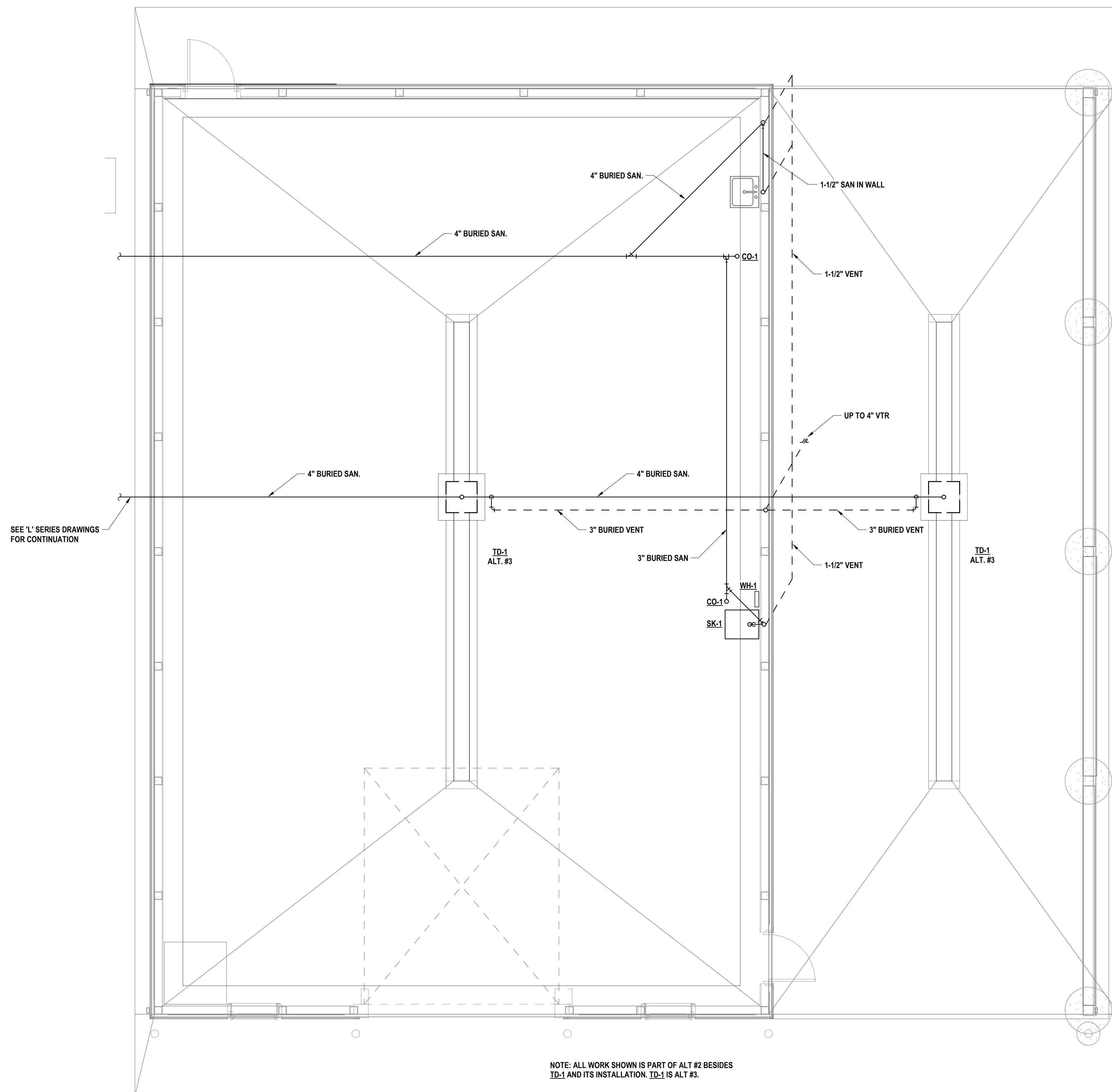
PLUMBING FIXTURE ELECTRICAL REQUIREMENTS SCHEDULE												
NO.	TYPE	ELECTRICAL COMPONENT	VOLTS	PHASE	FULL LOAD AMPS	MINIMUM CIRCUIT AMPACITY	MAXIMUM OVER-CURRENT PROTECTION	POWER	RPM	GPM	HEAD FEET	REMARKS
WH-1	WATER HEATER, ELECTRIC, TANKLESS	OPERATING SYSTEM	277	SINGLE	22.0	NA	30.0	NA	NA	NA	NA	NOTE A, B.
P-1	PRESSURE BOOSTER PUMP	OPERATING SYSTEM	115	SINGLE	NA	NA	NA	1 HP	3780	15	70	NOTE A, C.

NOTES:

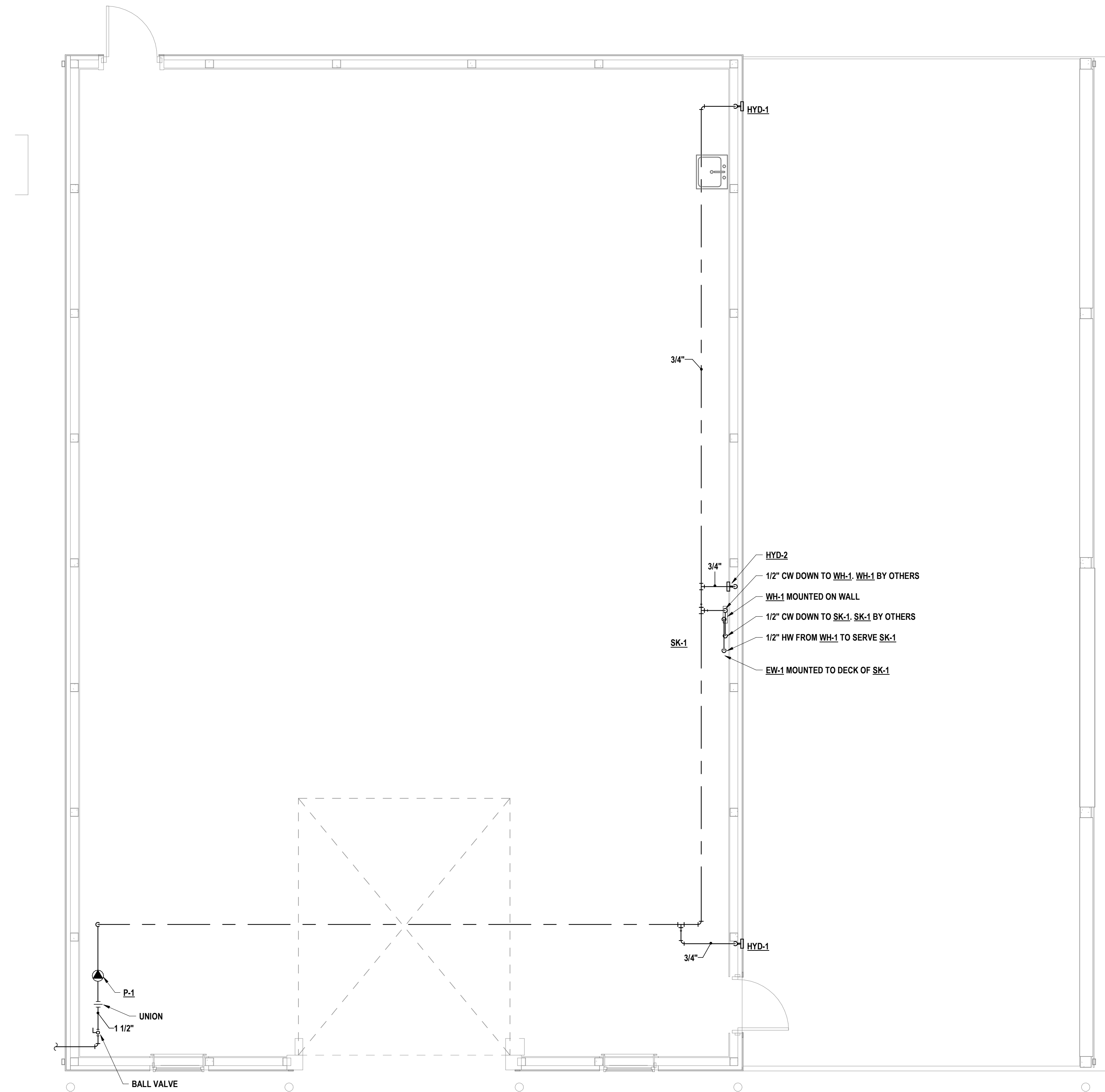
A. COORDINATE POWER WITH ELECTRICAL CONTRACTOR.

B. COORDINATE INSTALLATION OF TANKLESS WATER HEATER, WH-1, BELOW SINK, SK-1.

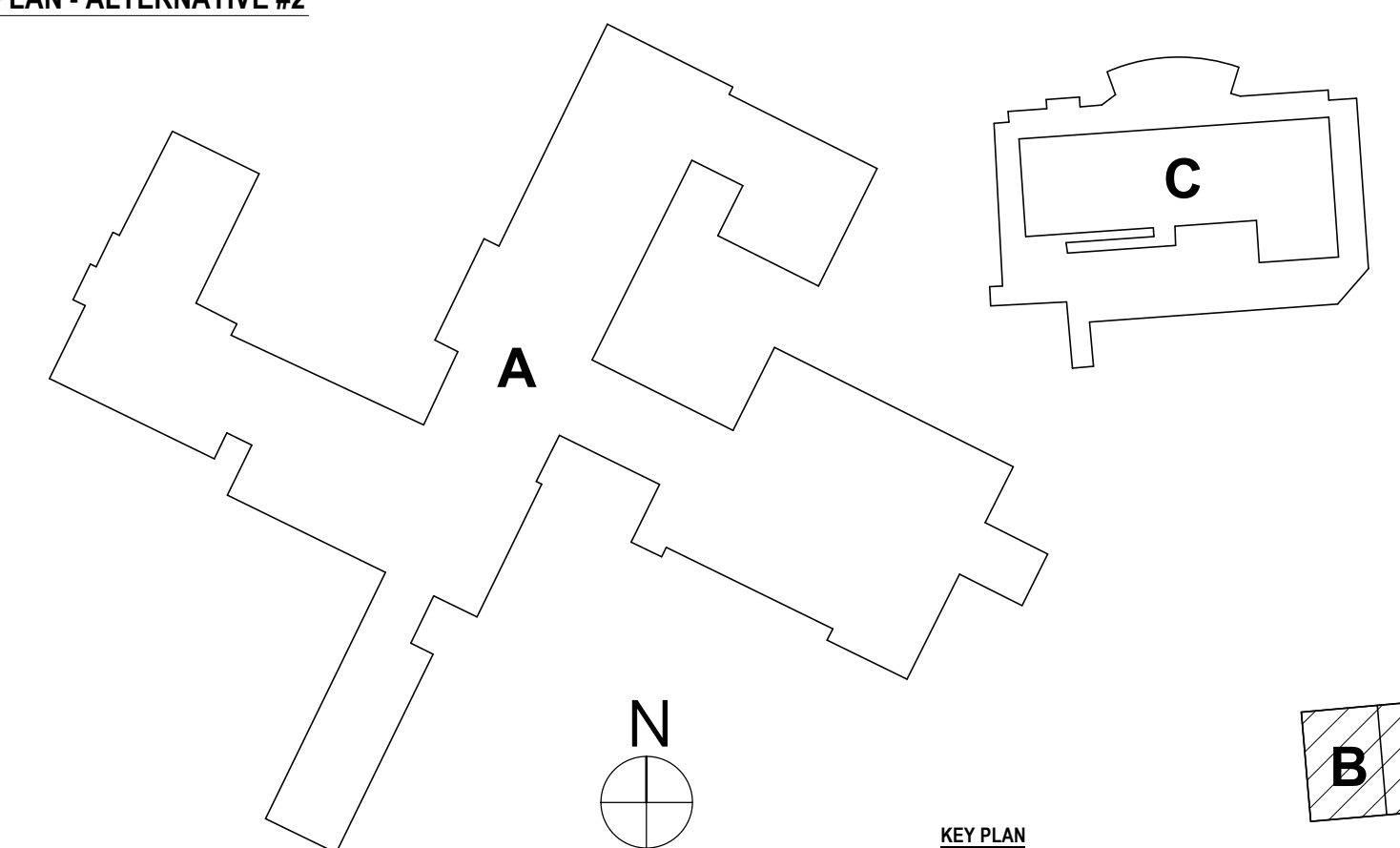
C. FURNISHING AND WIRING OF DISCONNECT BY ELECTRICAL CONTRACTOR.



2 MORTON BUILDING SANITARY PLAN - ALTERNATIVE #2
1/4" = 1'-0"



1 MORTON BUILDING DOMESTIC PLAN - ALTERNATIVE #2
1/4" = 1'-0"



ISSUED FOR BID, CENTRAL SCHOOL, SEP # 1649-02-044-001-003, MAINTENANCE STORAGE BUILDING, SEP # 1649-02-044-001-001

MORTON BUILDING PLUMBING PLAN
PHASE 1A - CAPITAL IMPROVEMENTS
POCANTICO HILLS CSD
599 BEDFORD RD, SLEEPY HOLLOW, NY 10591

MS-P1.1
PROJECT NO: 3288.004

HUNT ENGINEERS | ARCHITECTS | SURVEYORS
HORSEHEADS, NY 807 - 358 - 1000 ROCHESTER, NY 585 - 327 - 7549 TOWANDA, PA 570 - 265 - 4868

DATE: 11/14/2022
ISSUED FOR BID

DESCRIPTION OF REVISION:
1

BY: JDC
MAC

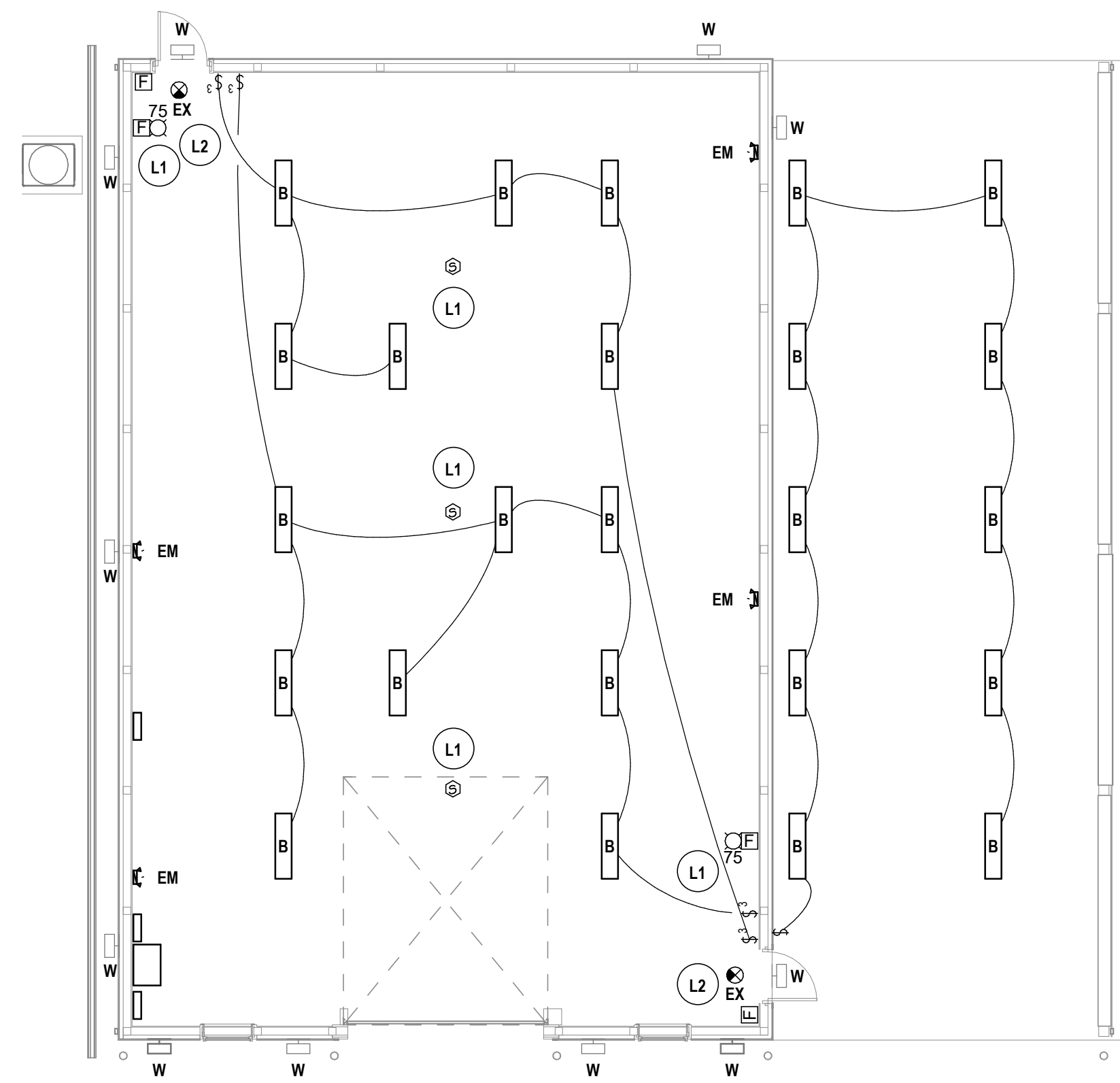
CHECKED BY: JDC
MAC

DATE: 10/12/2022

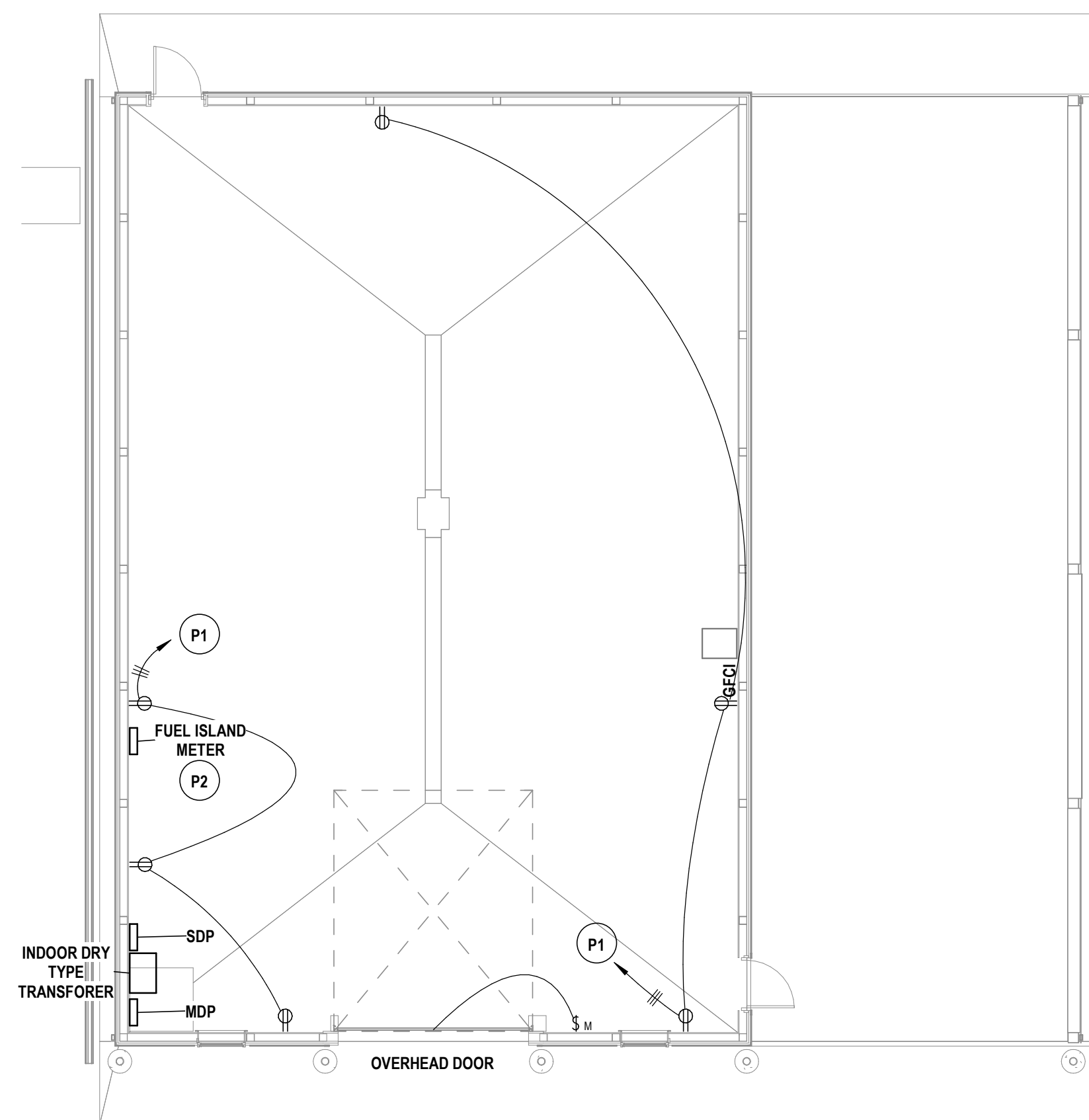
SCALE: 1/4" = 1'-0"

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3 FIRST FLOOR LIGHTING PLAN - MORTON
1/8" = 1'-0"



2 FIRST FLOOR POWER PLAN - MORTON BUILDING
1/8" = 1'-0"

GENERAL NOTES - ELECTRICAL

- A CONTRACTOR IS RESPONSIBLE FOR ALL WORK ON THIS DRAWING UNLESS CLEARLY INDICATED TO BE PART OF ANOTHER PRIME CONTRACT.
- B CONTRACTOR SHALL VERIFY EXISTING CONDITIONS PRIOR TO CONSTRUCTION AND INSTALLATION AND NOTIFY ENGINEER/ARCHITECT OF CONFLICTS AND CONDITIONS WHICH INTERFERE WITH INSTALLATION AS SET FORTH IN CONTRACT DOCUMENTS.
- C CONTRACTOR IS RESPONSIBLE FOR ALL NEW WALL OPENINGS, EXCAVATIONS, AND PENETRATIONS, UNLESS SPECIFICALLY NOTED. UPON COMPLETION, ALL PENETRATIONS TO BE SEALED TO MAINTAIN FIRE RATING AS SPECIFIED ON ARCHITECTURAL DRAWINGS.
- D CONTRACTOR IS RESPONSIBLE FOR ALL CUTTING AND PATCHING UNLESS CLEARLY INDICATED AS PART OF ANOTHER PRIME CONTRACT.
- E MINIMUM CONDUIT SIZE USED ON THIS PROJECT SHALL BE 3/4" UNLESS OTHERWISE NOTED.
- F MINIMUM WIRE SIZE USED ON THIS PROJECT SHALL BE #12 THINWALL UNLESS OTHERWISE NOTED.
- G ALL CABLING INSTALLATIONS AND TERMINATIONS TO ADHERE TO CURRENT NEC CODES AND RELATED ANS/IT/IEA STANDARDS.
- H DURING DEMOLITION OF EXISTING CABLING, ANY DAMAGE TO FUNCTIONING CABLING SYSTEM IS THE RESPONSIBILITY OF AND WILL BE REPAIRED BY THE CONTRACTOR.
- I CONTRACTOR SHALL BE AWARE OF THE PRESENCE OF EXISTING ASBESTOS CONTAINING MATERIAL SCHEDULED TO REMAIN IN PLACE WITHIN THE PROJECT SCOPE. ANY WORK REQUIRED THAT HAS THE POTENTIAL TO DISTURB HAZARDOUS MATERIALS SHALL BE COORDINATED DIRECTLY WITH THE OWNER.
- J ALL ELECTRICAL DEVICES, MATERIALS, AND PACKAGED EQUIPMENT SHALL BE LISTED AND LABELED BY UNDERWRITERS LABORATORIES INC. (UL), NEW CIRCUIT BREAKER(S) THAT ARE TO BE ADDED TO EXISTING PANELBOARD(S) SHALL BE LISTED/LABELED FOR USE WITH THE EXISTING PANELBOARD(S).
- K THE SHORT-CIRCUIT RATINGS OF ALL PROTECTIVE DEVICES SHALL BE EQUAL TO OR EXCEED THE AVAILABLE SHORT-CIRCUIT CURRENT.
- L ALL WORK TO CONFORM TO CURRENT NEC AND ALL APPLICABLE CODES.
- M CONTRACTOR TO NOTIFY ELECTRICAL ENGINEER FOR INSPECTION OF ALL INSTALLATIONS BEFORE BEING BURIED OR COVERED.
- N ALL ELECTRICAL DEVICES AND EQUIPMENT SCHEDULED FOR REMOVAL ARE CONSIDERED PROPERTY OF THE OWNER. ELECTRICAL DEVICES AND EQUIPMENT SHALL BE PLACED IN AN AREA DESIGNATED BY THE OWNER. ANY DEVICE OR EQUIPMENT THE OWNER WISHES NOT TO KEEP SHALL BE DISPOSED OF BY THE CONTRACTOR.
- O CONTRACTOR IS RESPONSIBLE FOR DISCONNECTING POWER TO ANY EQUIPMENT SCHEDULED TO BE REMOVED OR REPLACED. COORDINATE WORK WITH OTHER PRIME CONTRACTORS AND DRAWINGS.
- P CONTRACTOR IS RESPONSIBLE FOR PROVIDING POWER TO ANY EQUIPMENT SCHEDULED TO BE NEWLY INSTALLED. COORDINATE WORK WITH OTHER PRIME CONTRACTORS AND DRAWINGS.
- Q CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL CONDUIT LOCATIONS IN FIREWALLS. A MAXIMUM OF ONE PIECE OF CONDUIT IS ALLOWED IN A NON-REINFORCED CORE. NO CONDUIT SHALL BE PLACED IN A VERTICALLY REINFORCED CORE IN A FIREWALL.
- S ALL NEW ELECTRICAL DEVICES SUCH AS, BUT NOT LIMITED TO, FIRE ALARM DEVICES, SMOKE DETECTORS, LIGHT FIXTURES, EXIT SIGNS, OCCUPANCY/VACANCY SENSORS, AND NON-KEYED SWITCHES ARE REQUIRED TO HAVE IMPACT PROTECTION THROUGH MEANS OF IMPACT RESISTANT COVERS, OR WIRE GUARDS IN LOCKER ROOMS, GYMNASIUMS, WEIGHT ROOMS, FITNESS CENTERS, WRESTLING ROOMS, AND CAFETERIAS.

DEMOLITION NOTES - ELECTRICAL

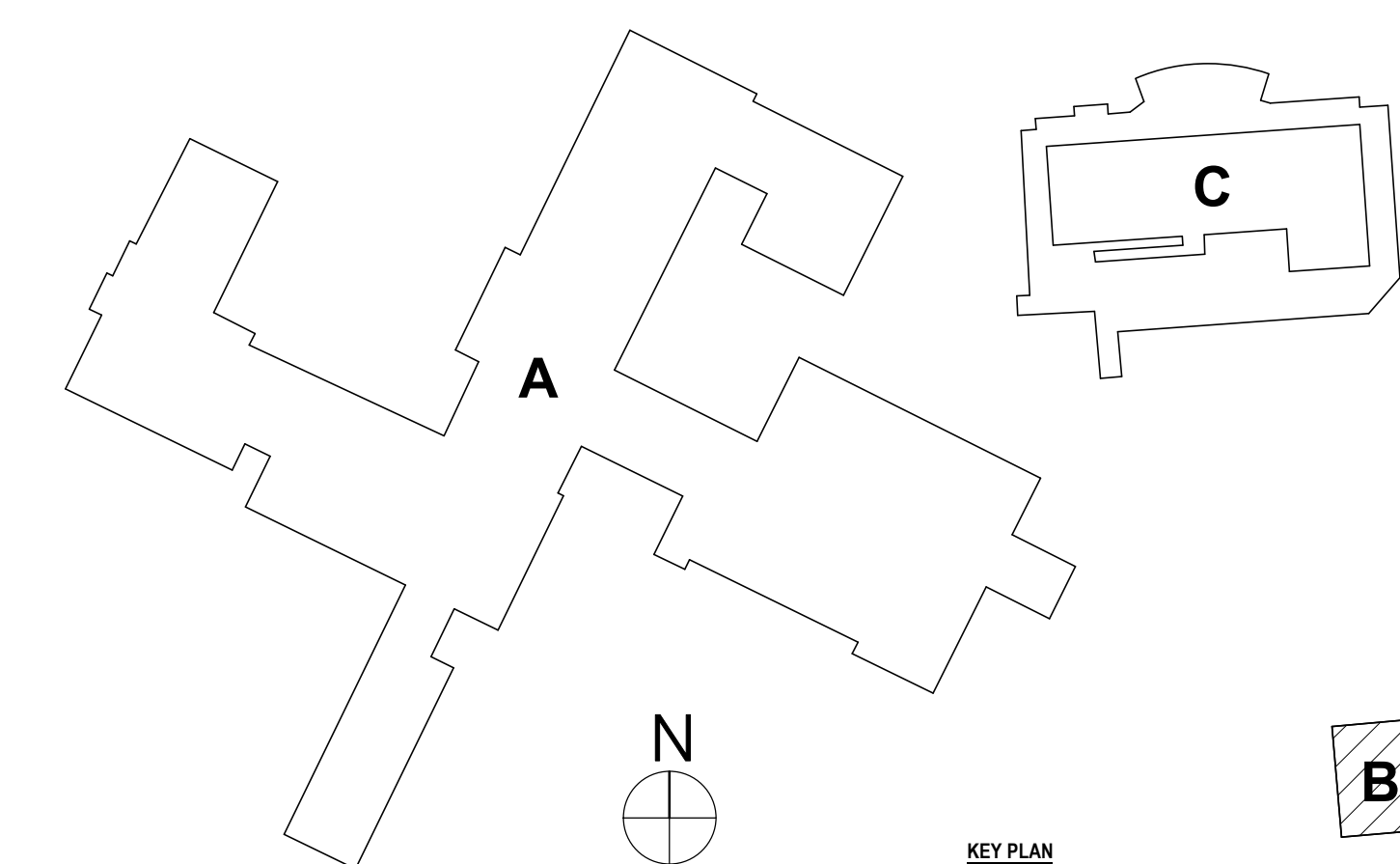
- D1 DISCONNECT AND REMOVE EXISTING PANELS HVPOOL AND LVPOOL WITH ASSOCIATED TRANSFORMER. MAINTAIN EXISTING HOMERUN CIRCUITRY NOT CALLED OFF TO BE REMOVED IN NOTE D2. SECURE EXISTING FEEDERS FROM MAIN BUILDING.
- D2 REMOVE EXISTING COMBO STARTERS/DISCONNECTS FROM UNITS. REMOVE ALL CONDUIT AND WIRE BACK TO PANEL.

CONSTRUCTION NOTES - POWER

- P1 NOT USED.
- P2 FROM PANEL HVPOOL, PROVIDE NEW FEED WITH NEW ALUMINUM CONDUIT TO EQUIPMENT LOCATION 348, 1#10G, 1" C. PROVIDE NEW COMBO STARTER.
- P3 PROVIDE NEW NEMA 3R OUTDOOR RATED PANELS & TRANSFORMER. EXTEND EXISTING CIRCUITRY TO BE MAINTAINED BACK TO PANEL. PROVIDE TROUGH BELOW PANELS FOR FEEDING BACK INTO BUILDING. HVPOOL TO BE 22MCCB 48 SPACE WITH 8 3P BREAKERS. TRANSFORMER TO BE 45KVA NEMA 3R. PANEL LVPOOL TO BE 100A 30 SPACE WITH 20 1P BREAKERS.
- P4 FROM PANEL HVPOOL, REFEED WITH NEW ALUMINUM CONDUIT TO EQUIPMENT LOCATION 312, 1#12G, 3/4" C.
- P5 FROM PANEL HVPOOL, REFEED WITH NEW ALUMINUM CONDUIT TO EQUIPMENT LOCATION 310, 1#12G, 3/4" C.
- P6 FROM PANEL HVPOOL, REFEED WITH NEW ALUMINUM CONDUIT TO EQUIPMENT LOCATION 348, 1#10G, 1" C. PROVIDE NEW COMBO STARTER.
- P7 FROM PANEL HVPOOL, REFEED WITH NEW ALUMINUM CONDUIT TO EQUIPMENT LOCATION 386, 1#10G, 1" C. PROVIDE NEW COMBO STARTER.
- P8 FROM PANEL HVPOOL, REFEED WITH NEW ALUMINUM CONDUIT TO EQUIPMENT LOCATION 344, 1#6G, 1" C. PROVIDE NEW COMBO STARTER.

CONSTRUCTION NOTES - LIGHTING & FA

- L1 PROVIDE STANDALONE FIRE ALARM SYSTEM. REFER TO SPECS FOR MORE INFORMATION.
- L2 PROVIDE NEW COMBO EXIT/EMERGENCY FIXTUR WITH 90MIN BATT. BACKUP. CONNECT TO UNSWITCHED CIRCUITRY SERVING LIGHTING IN SPACE.



ISSUED FOR BID, CENTRAL SCHOOL SED # 1648-02-044-001-013, MAINTENANCE STORAGE BUILDING SED # 1648-02-044-001-011

MORTON BUILDING ELECTRICAL PLANS

PHASE 1A - CAPITAL IMPROVEMENTS

POCANTICO HILLS CSD

599 BEDFORD RD, SLEEPY HOLLOW, NY 10581

HUNT ENGINEERS | ARCHITECTS | SURVEYORS
HORSEHEADS, NY 807-358-1000 ROCHESTER, NY 585-327-7849 TOWANDA, PA 570-265-6868

DESCRIPTION OF REVISION:
ISSUED FOR BID

DATE: 1 11/14/2022

CHECKED BY: GJB

DATE: 10/12/2022

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

DRAWN BY: TAWO

PROJECT NO: 3288.004

MS-E1.1

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