

BINGHAMTON UNIVERSITY

STADIUM ARCHWAY

4400 VESTAL PARKWAY EAST, VESTAL, NY 13850

CONSTRUCTION DOCUMENTS

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L1.1 SITE DEMOLITION PLAN
L2.1 SITE IMPROVEMENT AND LAYOUT PLAN
L3.1 SITE DETAILS
L4.1 SITE GRADING EROSION AND SEDIMATE CONTROL PLAN

STRUCTURAL DRAWINGS

S1.1 FOUNDATION AND FRAMING PLAN
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ARCHITECTURAL DRAWINGS

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A2.1 EXTERIOR ELEVATIONS
A3.1 SECTIONS AND DETAILS

ELECTRICAL DRAWINGS

E1.1 ELECTRICAL PLANS - ALTERNATE #1

ALT #1

BINGHAMTON
UNIVERSITY
STATE UNIVERSITY OF NEW YORK

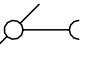
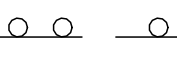
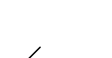
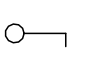
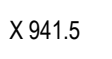
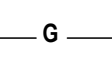
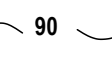
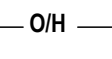
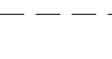
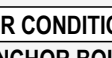
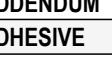
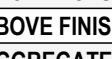
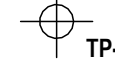
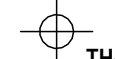
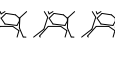
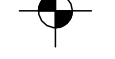
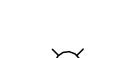
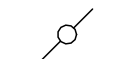
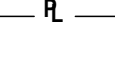
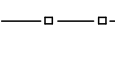
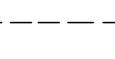
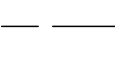
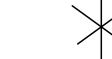
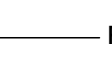
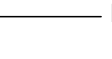
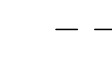
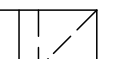
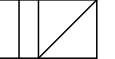
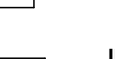
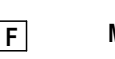
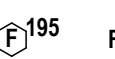
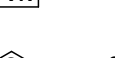
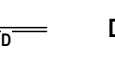
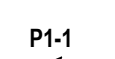
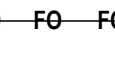
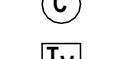
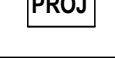
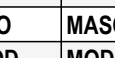
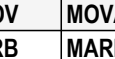
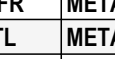
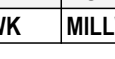
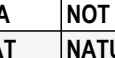
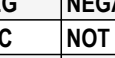
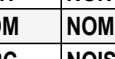
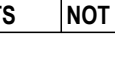
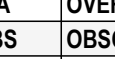
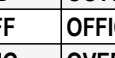
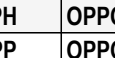
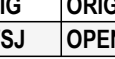
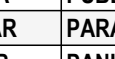
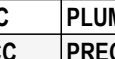
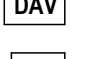
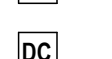
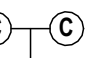
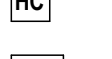
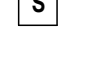
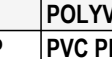
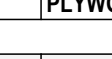
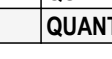
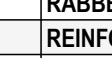
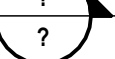
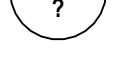
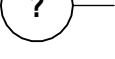
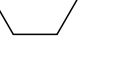
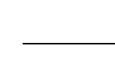
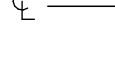
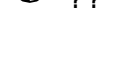
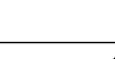
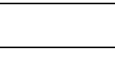
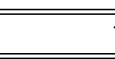
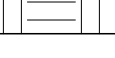
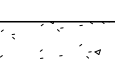
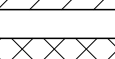
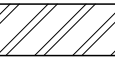
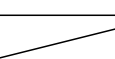
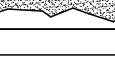


PROJECT SITE

06/12/2026
HUNT PROJECT NO.: 3434.015

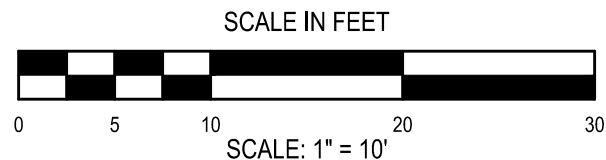
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HUNT ENGINEERS | ARCHITECTS | SURVEYORS
HORSEHEADS, NY 607 - 358 - 1000 ROCHESTER, NY 585 - 327 - 7949 TOWANDA, PA 570 - 265 - 4868
BINGHAMTON, NY 607 - 798 - 8081 ALBANY, NY 607 - 798 - 8081
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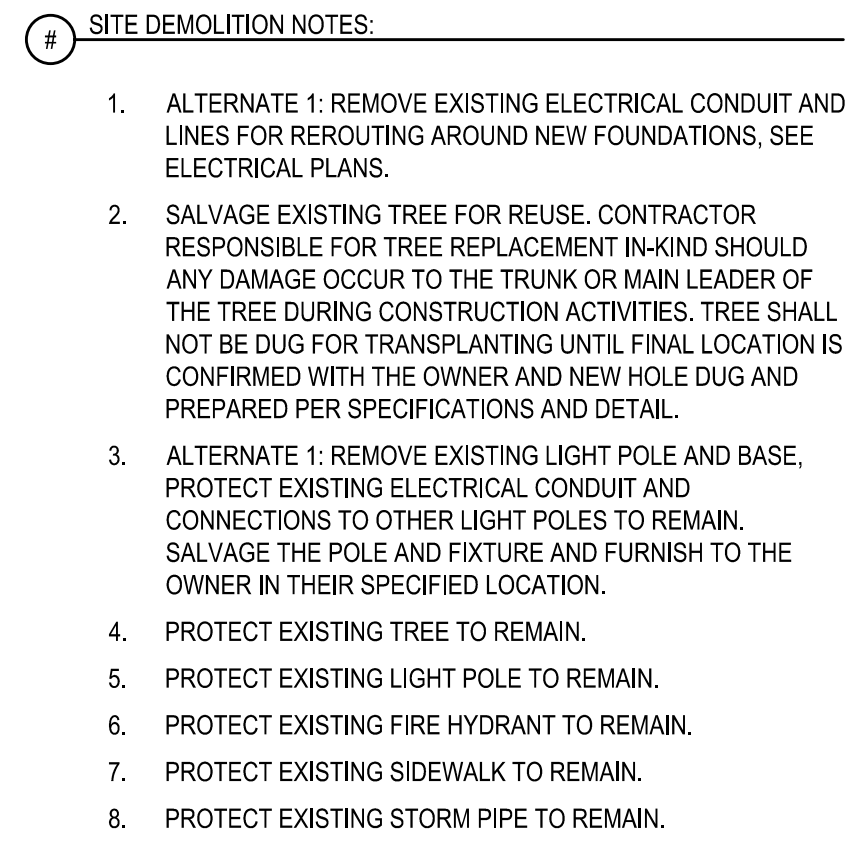
SITWORK SYMBOLS	SITWORK SYMBOLS	PLUMBING SYMBOLS	HVAC SYMBOLS	ELECTRICAL SYMBOLS	TECHNOLOGY SYMBOLS	ARCHITECTURAL SYMBOLS	ARCHITECTURAL SYMBOLS	
 CONTROL POINT  UTILITY POLE W/ ANCHOR  SIGN  EXG. WATER VALVE  NEW WATER VALVE  UTILITY POLE W/ LIGHT  STREET LIGHT  EXG. FIRE HYDRANT  NEW FIRE HYDRANT  CATCH BASIN/ DRYWELL  CURB BOX VALVE  EXISTING DECIDUOUS TREE  EXISTING CONIFEROUS TREE  EXG. ELEVATION  NEW ELEVATION  GAS LINE  EXISTING MANHOLE  NEW MANHOLE  NEW CONTOUR*  EXISTING ELECTRIC*  WATER LINE*  SANITARY LINE*  TELEPHONE LINE*  STORM SEWER*  OVERHEAD UTILITY  UNDERGROUND ELECTRIC*  ROAD CENTER LINE  EDGE OF STREAM OR SWALE  SHRUBBERY, WOODS  EXISTING CULVERT  NEW CULVERT WITH END SECTION	 TEST PIT  TEST HOLE  RIP RAP  COORDINATE POINT LOCATION  EXISTING IRON ROD  EXISTING IRON PIPE  UTILITY POLE  ORIGINAL LOT LINE  DEED LINE  PROPERTY LINE  EXISTING FENCE  NEW FENCE  GUARD RAIL  EASEMENT LINE  CONCRETE MONUMENT	 EXISTING PIPING AND EQUIPMENT TO BE REMOVED  CHECK VALVE  FLOOR PENETRATION  ACID WASTE  ACID VENT  HOT WATER SUPPLY PIPING  HOT WATER RETURN PIPING  CONDENSATE DRAIN PIPING  REFRIGERANT SUCTION PIPING  REFRIGERANT LIQUID PIPING  EXG. PIPING & EQUIPMENT TO REMAIN  SHUT-OFF VALVE  TOP-PIPE CONNECT  BOTTOM-PIPE CONNECTION  BALANCING VALVE/AUTOMATIC FLOW CONTROL FITTING/SPRINKLER UPRIGHT	 POINT OF CONNECTION  DUCT DOWN  DUCT UP  DUCT PENETRATION THRU FLOOR OR ROOF ABOVE SUPPLY  DUCT PENETRATION THRU FLOOR OR ROOF ABOVE EXHAUST OR RETURN	 CEILING MOUNTED EXIT SIGN(SINGLE FACE)  WALL MOUNTED EXIT SIGN (DUAL FACE) ARROWS FOR EGRESS PATH DIRECTION  EXTERIOR WALL MOUNTED LIGHT FIXTURE  EMERGENCY EGRESS BATTERY BACKUP LIGHT FIXTURE  CEILING MOUNTED VACANCY SENSOR  FIRE ALARM ANNUNCIATOR  FIRE ALARM CONTORL PANEL  "AREA OF RESCUE ASSISTANCE" MAIN CONTROL STATION  "AREA OF RESCUE ASSISTANCE" INTERCOM STATION  ILLUMINATED "AREA OF RESCUE ASSISTANCE" SIGNAGE  MANUAL FIRE ALARM PULL STATION  RATE OF RISE HEAT DETECTOR  FIXED HEAT DETECTOR  VISUAL NOTIFICATION STROBE  SMOKE DETECTOR  DUCT SMOKE DETECTOR  FIRE ALARM VISUAL ANNUNCIATOR  FIRE ALARM AUD.-VIS. ANNUNCIATOR  MAGNETIC DOOR HOLDER  HOME RUN OF WIRE AND CONDUIT	 CABLE TRAY  FIBER OPTICAL CABLING  FLOOR POKE-THRU  MULTI COMPARTMENT POWER POLE  FLOOR BOX  PULL BOX  MULTI COMPARTMENT SURFACE RACEWAY  DATA OUTLET  WIRELESS ACCESS POINT  WALL MOUNT STYLE TELEPHONE  IP TELEPHONE LOCATION  CEILING MOUNT SPEAKER  WALL MOUNT SPEAKER  HORN TYPE SPEAKER  SPEAKER VOLUME CONTROL  CLOCK/SPEAKER  CLOCK  TELEVISION OUTLET  PROJECTOR	 INTERACTIVE DISPLAY  AUDIO/VIDEO CONNECTIONS  SECURITY CAMERA  CARD READER  INTERCOM  DOOR CONTRACT SWITCH  REQUEST TO EXIT SENSOR  ELECTRIC DOOR LOCK DEVICE (DOOR STRIKE)  LIGHTNING ARRESTOR  GENERAL SYMBOL ANNOTATIONS  "EXISTING TO REMAIN"  "EXISTING TO BE REPLACED"  "PROVIDE WIRE GUARD"  "WALL MOUNT"  COMMUNICATIONS RACEWAY DEVICE LOCATION  COMMUNICATIONS BACKBOX LOCATION  BLUE LIGHT  DIGITAL CLOCK  DOUBLE SIDED WALL MOUNTED CLOCK  HANDICAP DOOR ACTUATOR  ACCESS CONTROL PANEL  ASSISTIVE LISTENING CEILING SPEAKER  ASSISTIVE LISTENING WALL SPEAKER  ASSISTIVE LISTENING CONTROLLER  IR SPEAKER  DIGITAL SIGN  PROJECTION SCREEN  PUSH BUTTON  LOCKDOWN BUTTON  WALL MOUNTED IP SPEAKER  CEILING MOUNTED IP SPEAKER	 ROOM NAME, NUMBER, & APPROXIMATE AREA  BUILDING SECTION CALLOUT  WALL SECTION/DETAIL SECTION  INTERIOR ELEVATION CALLOUT  EXTERIOR ELEVATION CALLOUT  DETAIL/TITLE NUMBER  NEW COLUMN GRID LINE  EXISTING COLUMN GRID LINE  CUT LINE  MATCH LINE  CENTERLINE  ELEVATION INDICATOR  CASEWORK NUMBER & TYPE - REFER TO CASEWORK SCHEDULE  WINDOW NUMBER  DOOR NUMBER  WALL PARTITION TYPE  DEMOLITION KEYNOTE  DRAWING KEYNOTE  MARKERBOARD AND TACKBOARD TYPES  TOILET ACCESSORY TAG  FIRE EXTINGUISHER CABINET  ELEVATION MARK OR COORDINATE POINT  ROOF DRAIN  VENT PIPE  EXHAUST HOOD	 EXISTING WALL/ CONSTRUCTION TO REMAIN  DEMOLITION WORK  NEW MASONRY WALL CONSTRUCTION  NEW STUD WALL CONSTRUCTION
ARCHITECTURAL MATERIAL SYMBOLS								
 EARTH/COMPACT FILL	 POROUS FILL/GRAVEL	 CONCRETE/ STRUCTURAL CONCRETE	 SAND/ ARCHITECTURAL PRECAST CONCRETE					
 BRICK/BRICK PAVERS	 CONCRETE MASONRY	 STEEL	 FINISH WOODWORK					
 NOMINAL CUT LUMBER, CONTINUOUS BLOCKING	 BLOCKING SHIM	 PLYWOOD/ PARTICLEBOARD	 PLASTIC/ SOLID SURFACE					
 BATT INSULATION	 RIGID INSULATION	 FIREPROOFING	 GLAZING					
 LATH AND PLASTER	 CARPET	 TERRAZZO	 CERAMIC TILE - SECTION					
 GYPSUM WALL BOARD								

SYMBOLS AND ABBREVIATIONS	
A AREA	WH WALL HYDRANT
AC AIR CONDITIONING COOLING	WHB WHEEL BUMPER
AB ANCHOR BOLTS	WTN STAINED
ABV ABOVE	STOR STORAGE
AC ALTERNATING CURRENT	STR STRUCTURAL
ACT ACoustical TILE	SUBSTR SUBSTRUCTURE
AD AREA DRAIN	SUPR SUPERINTENDENT
ADD ADDENDUM	SURF SURFACE
ADH ADHESIVE	SUSP SUSPENDED
ADJ ADJACENT	SW SWITCH
AES ARCHITECTURAL EXPOSED STRUCTURAL STEEL	SY SQUARE YARD
AFF ABOVE FINISH FLOOR	SYS SYSTEM
AGG AGGREGATE	T TREAD
AHU AIR HANDLER	T&B TOP & BOTTOM
AL ALUMINUM	T&O TONGUE & GROOVE
ALIGN ALIGNMENT	TAB TABULATE
ALLOW ALLOWANCE	TC TERRA COTTA
ALT ALTERNATE	TEL TELEPHONE
AMP AMPERAGE	TEMP TEMPORARY, TEMPERATURE
ANC ANCHORAGE	TR TRIMMER
ANOD ANODIZED	THK THICKNESS
APPROX APPROXIMATE	THR THRESHOLD
ARCH ARCHITECTURAL	TKBD TACKBOARD
ASB ASBESTOS	TKS TACKSTRIP
ASBC ASBESTOS CONTRACTOR	TMR TERMINATION BAR
ASPH ASPHALT	TOF TOP OF FOOTING
AUX AUXILIARY	TOJ TOP OF JOIST
AVG AVERAGE	TOL TOLERANCE
AWG AMERICAN WIRE GAGE	TOM TOP OF MASONRY
	TOPO TOPOGRAPHIC
	TOS TOP OF STEEL
	TOW TOP OF WALL
	TPD TOILET PAPER DISPENSER
	TPN TOILET PARTITION
	TR TRAILER
	TRM TOILET ROOM
	TV TELEVISION, CABLE
	TWP TOWNSHIP
	TYP TYPICAL
	TZ TERRAZZO
	UG UNDERGROUND
	UC UNDERCUT
	UN UNIT HEATER
	UNF UNFINISHED
	UNO UNLESS NOTED OTHERWISE
	UNP UNPAINTED
	URN URINAL
	UV UNIT VENTILATOR
	V VOLT
	VB VINYL-RUBBER BASE
	VCP VITRIFIED CLAY PIPE
	VCT VINYL COMPOSITION TILE
	VENT VENTILATOR
	VERT VERTICAL
	VEST VESTIBULE
	VF VINYL FABRIC
	VEB VESTIB IN FIELD
	VIN VINYL
	VJ V-JOINT(ED)
	VOL VOLUME
	VWC VINYL WALL COVER
	W WIDE, WIDTH
	WI WITH
	WIO WITHOUT
	WB WOODBASE
	WC WATER CLOSET
	WCO WALL CLEANOUT
	WD WOOD
	WDW WINDOW
	WIR WALL-FIN RADIATION
	WG WIRE(ED) GLASS

| CLO CLOSET CLR CLEARANCE CLS CLOSURE CMP CORRUGATED METAL PIPE CMU CONCRETE MASONRY UNIT CO CLEANOUT, COMPANY COL COLUMN COMB COMMINATION COMP COMPRESSED, (ION), (BLE) CON CONNECTOR, CONNECTION CONC CONCRETE CONST CONSTRUCTION CONT CONTINUOUS, CONTINUE CONTR CONTRACT(OR) COORD COORDINATE CPG COPING CPR COPPER CPT CARPET(ED) CR COLD ROLLED CRS COURSE(S) CSMT CASEMENT CST CAST STONE CT CERAMIC TILE CTR COUNTER CULV CULVERT CV CHECK VALVE CW COLD WATER CY CUBIC YARD DBL DOUBLE DC DIRECT CURRENT DEG DEGREE DEMO DEMOLITION DF DRINKING FOUNTAIN DIA DIAMETER DIAG DIAGONAL DIM DIMENSION DNV DIVISION DLD DEAD LOAD DLV DOOR LOUVER |



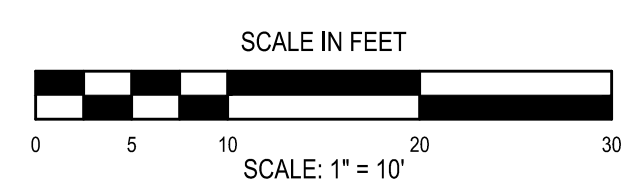
PROJECT NO: 3434-015	L0.1
	STADIUM ARCHWAY BINGHAMTON UNIVERSITY 4400 VESTAL PARKWAY EAST, VESTAL, NY 13860
SITE EXISTING CONDITION PLAN	



11 SITE DEMOLITION NOTES

1. ALTERNATE 1: REMOVE EXISTING ELECTRICAL CONDUIT AND LINES FOR REROUTING AROUND NEW FOUNDATIONS. SEE ELECTRICAL PLANS.
2. SALVAGE EXISTING TREE FOR REUSE. CONTRACTOR RESPONSIBLE FOR TREE REPLACEMENT AND SHOULD AVOID ANY DAMAGE OCCUR TO THE TRUNK OR MAIN LEADER OF THE TREE DURING CONSTRUCTION ACTIVITIES. TREE SHALL NOT BE DUG FOR TRANSPLANTING UNTIL FINAL LOCATION IS DETERMINED WITH THE OWNER. PROVIDE HOLE DUG AND PREPARED PER SPECIFICATIONS AND DETAIL.
3. ALTERNATE 1: REMOVE EXISTING LIGHT POLE AND BASE. PROTECT EXISTING ELECTRICAL CONDUIT AND CONNECTIONS TO OTHER LIGHT POLES TO REMAIN. SALVAGE THE POLE AND FUTURE REUSE. RETURN TO THE OWNER IN THEIR SPECIFIED LOCATION.
4. PROTECT EXISTING TREE TO REMAIN.
5. PROTECT EXISTING LIGHT POLE TO REMAIN.
6. PROTECT EXISTING FIRE HYDRANT TO REMAIN.
7. PROTECT EXISTING SIDEWALK TO REMAIN.
8. PROTECT EXISTING STORM PIPE TO REMAIN.

1 SITE DEMOLITION PLAN
SCALE: 1" = 10'



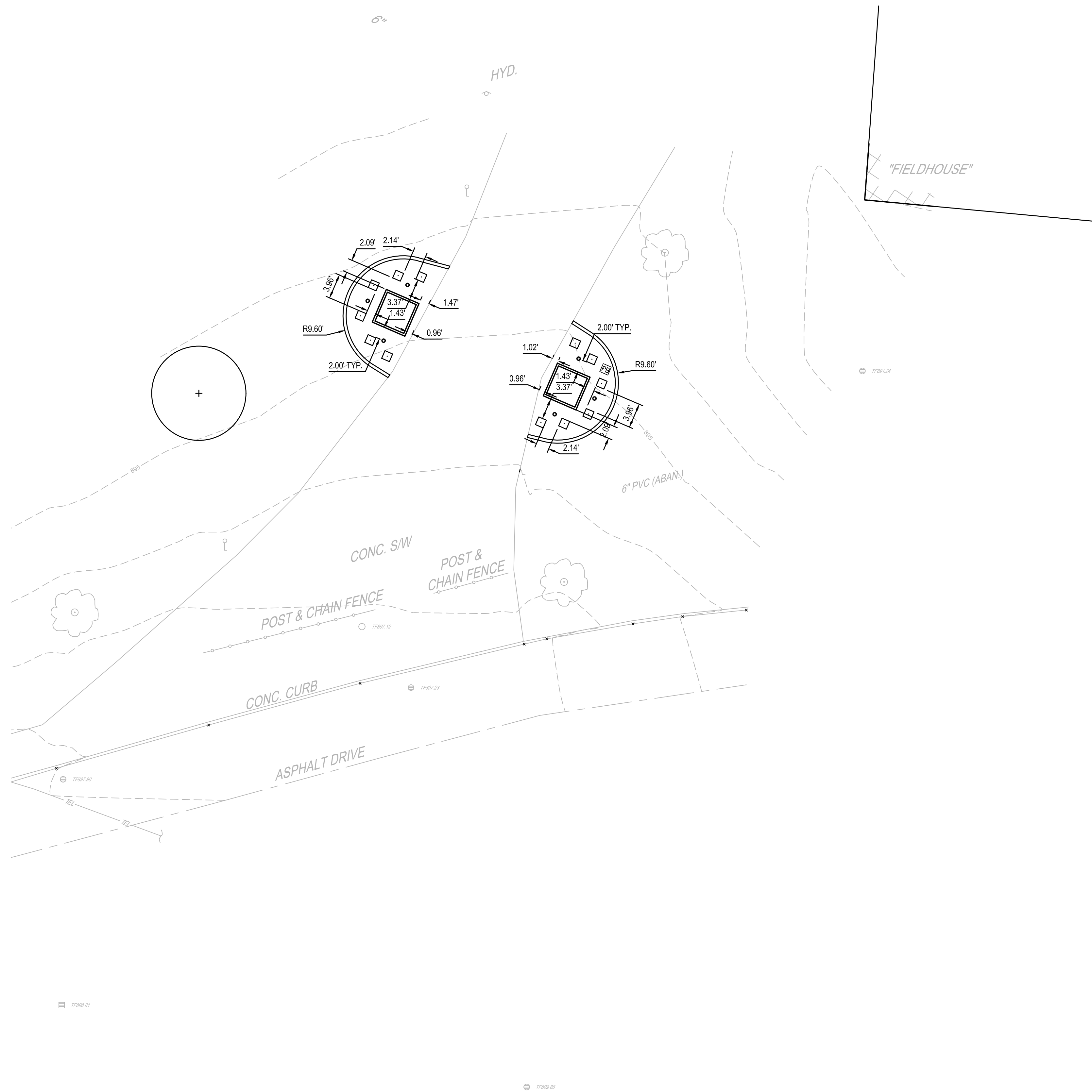
#	DATE	DESCRIPTION OF REVISION

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SITE DEMOLITION PLAN

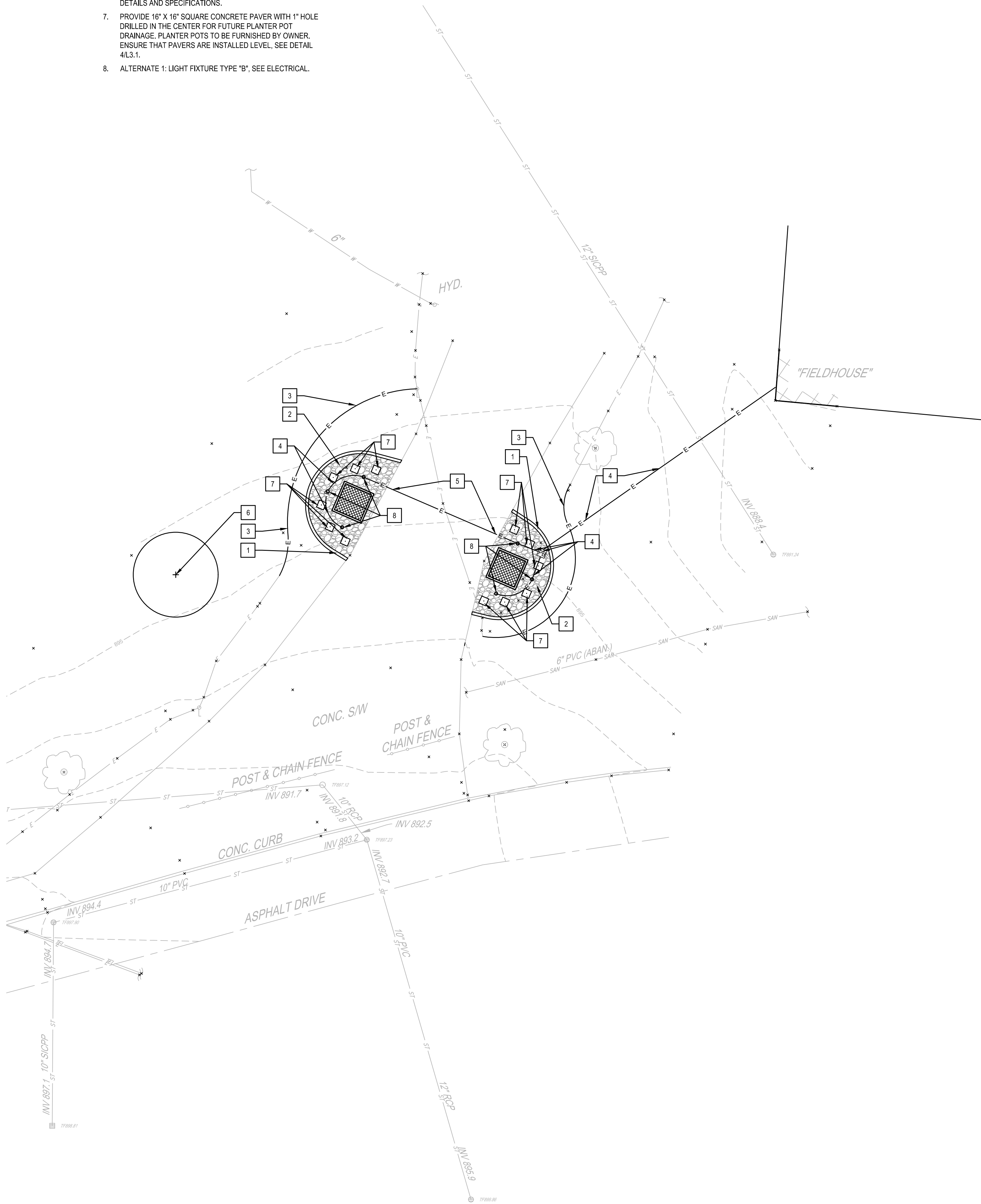
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4400 VESTAL PARKWAY EAST, VESTAL, NY 13860

L1.1
PROJECT NO: 3434-015

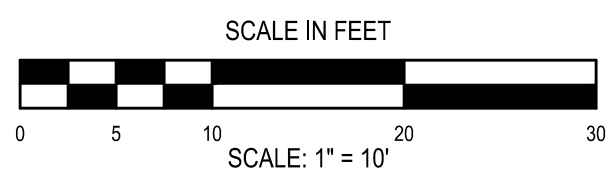
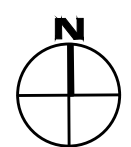


2 SITE LAYOUT PLAN
SCALE: 1" = 10'

- # SITE IMPROVEMENT NOTES:
1. PROVIDE POURED IN PLACE CONCRETE LANDSCAPE BED BORDER, SEE DETAIL 3/L3.1.
 2. PROVIDE ROCK COBBLE MULCH, SEE DETAIL 4/L3.1.
 3. ALTERNATE 1: PROVIDE NEW ELECTRICAL TRENCHING AND CONDUIT ROUTING FOR EXISTING LIGHT POLES TO AVOID NEW FOUNDATIONS. SEE DETAIL 5/L3.1 & ELECTRICAL PLANS.
 4. ALTERNATE 1: PROVIDE NEW ELECTRICAL TRENCHING, PULL BOX AND CONDUIT FOR ARCHITECTURAL LIGHTING. SEE DETAIL 5/L3.1 & ELECTRICAL PLANS.
 5. ALTERNATE 1: DIRECTIONAL DRILL FOR NEW ELECTRICAL CONDUIT CONNECTIONS UNDER THE EXISTING SIDEWALK. SEE SPECIFICATIONS.
 6. RELOCATE EXISTING TREE, SEE DETAIL 2/L3.1. CONTRACTOR RESPONSIBLE FOR REPLACING TREE IN-KIND SHOULD ANY TRUNK OR MAIN LEADER DAMAGE OCCUR DURING CONSTRUCTION OR SHOULD ANY DIE BACK OF THE MAIN LEADER OR GREATER THAN 1/3 THE CANOPY BE NOTED DURING THE WARRANTY PERIOD. TREE TO REMAIN IN EXISTING LOCATION UNTIL FINAL LOCATION DETERMINED WITH THE OWNER AND NEW HOLE DUG AND PREPARED PER DETAILS AND SPECIFICATIONS.
 7. PROVIDE 16" X 16" SQUARE CONCRETE PAVER WITH 1" HOLE DRILLED IN THE CENTER FOR FUTURE PLANTER POT DRAINAGE. PLANTER POTS TO BE FURNISHED BY OWNER. ENSURE THAT PAVERS ARE INSTALLED LEVEL, SEE DETAIL 4/L3.1.
 8. ALTERNATE 1: LIGHT FIXTURE TYPE "B", SEE ELECTRICAL.



1 SITE IMPROVEMENT PLAN
SCALE: 1" = 10'



SITE IMPROVEMENT & LAYOUT PLAN

STADIUM ARCHWAY
BINGHAMTON UNIVERSITY
4400 VESTAL PARKWAY EAST, VESTAL, NY 13850

L2.1

PROJECT NO: 3434-015

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BINGHAMTON, NY 807-798-1881 ALBANY, NY 807-798-8081
WWW.HUNTEAS.COM
NY CERTIFICATE NO. 001620 PA CERTIFICATE NO. TSC220313464-1

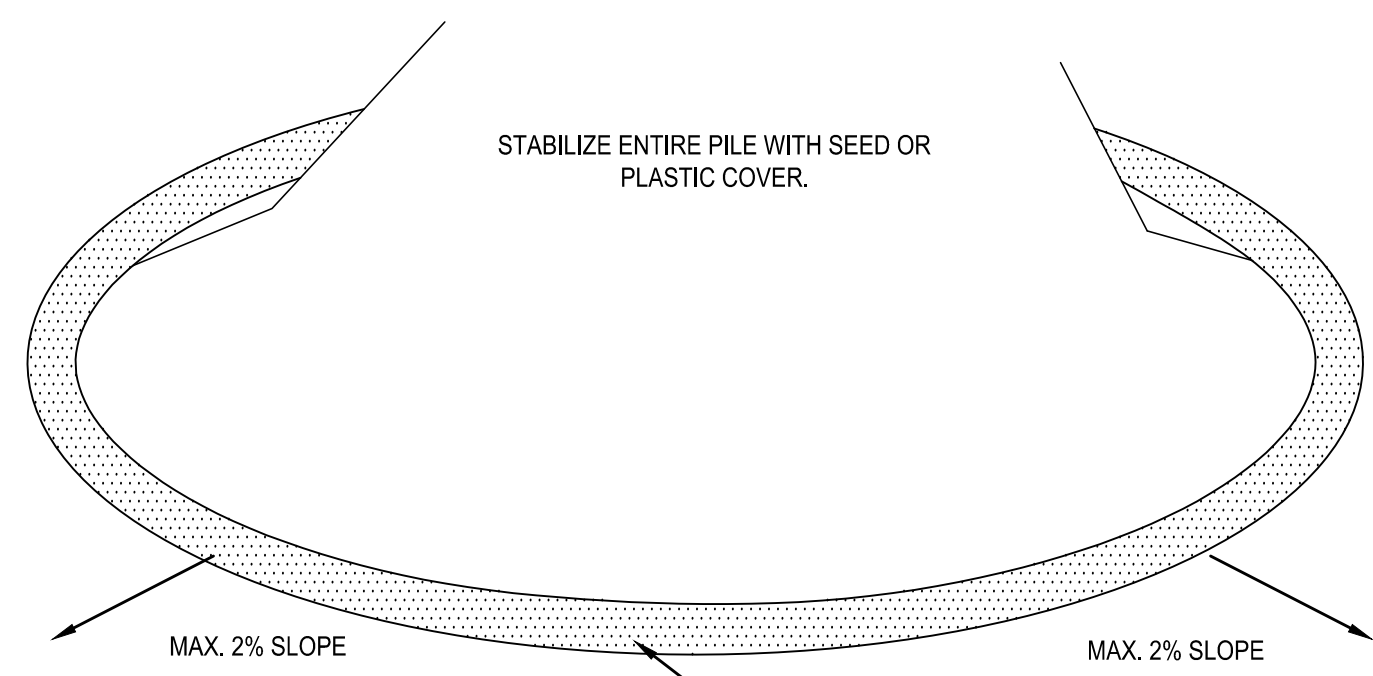
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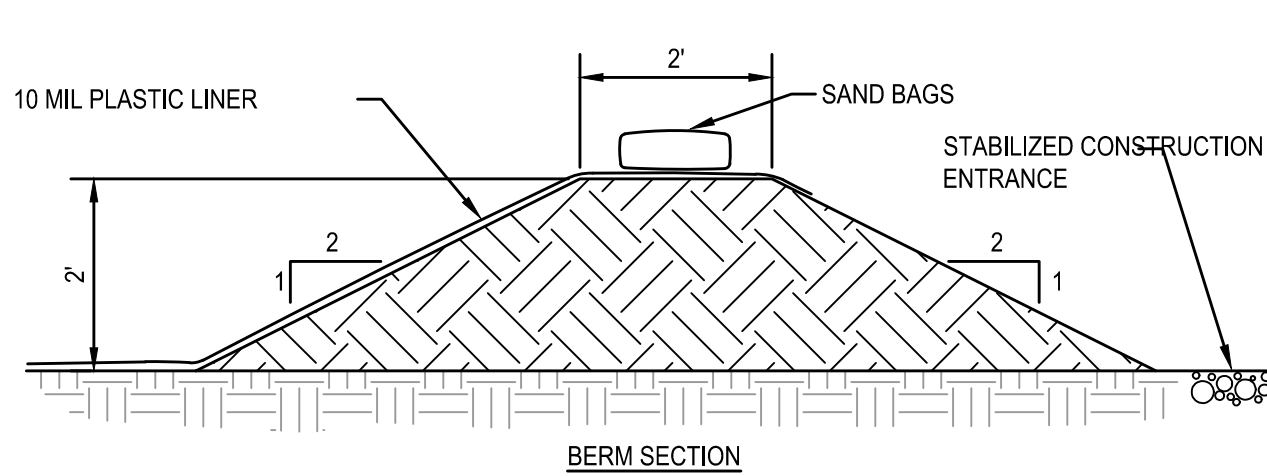


SOIL STOCKPILING NOTES:

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 SOCK AND THEN STABILIZED WITH SEED OR SECURED IMPERVIOUS COVER.
4. SEE SILT SOCK INSTALLATION DETAIL.

8 SOIL STOCKPILE DETAIL

SCALE: N.T.S.

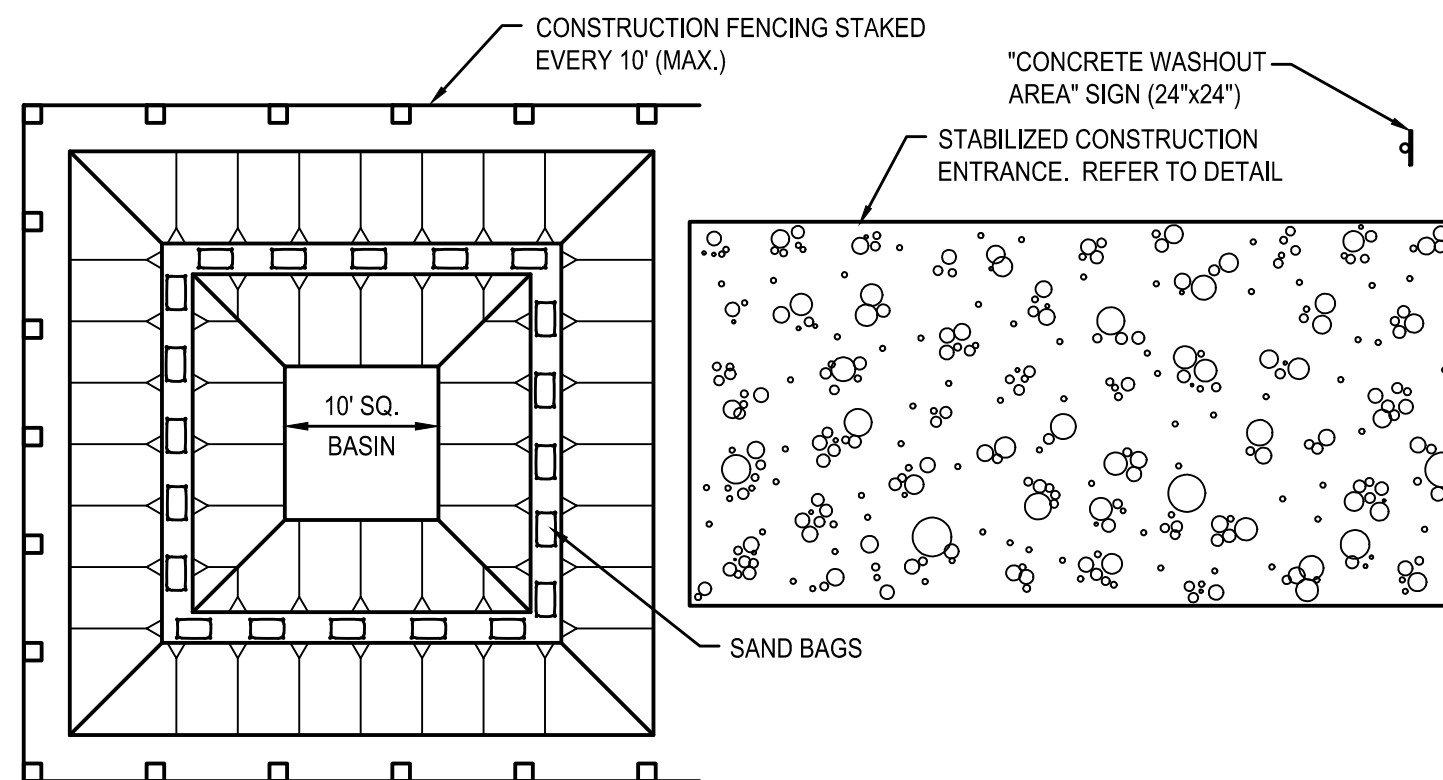


NOTES:

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.

7 CONCRETE WASH OUT DETAIL

SCALE: N.T.S.



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.

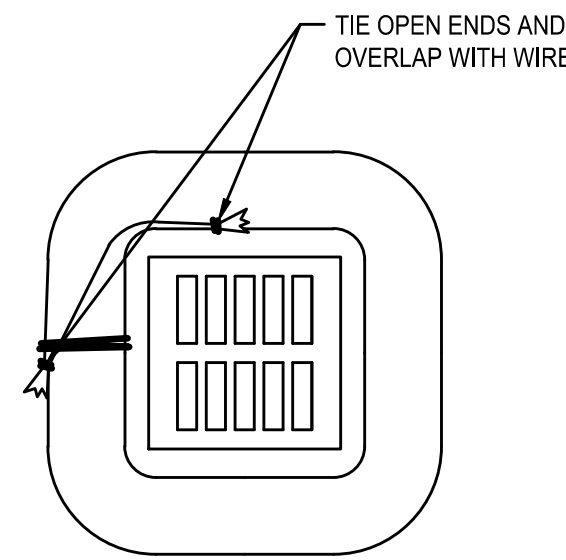
DRIVE THE FIRST END STAKE OF THE SECOND SOCK AT AN ANGLE TOWARD THE FIRST SOCK IN ORDER TO HELP ABUT THEM TIGHTLY TOGETHER.

INSTALLATION NOTES:

1. COMPOST SOCKS SHALL BE INSTALLED PRIOR TO ANY LAND-DISTURBING ACTIVITIES.
2. COMPOST SOCKS SHALL BE "SILT SOCK", "FILTERREXX" 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 MANUFACTURERS 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.

6 COMPOST OR SILT SOCK INSTALLATION DETAIL

SCALE: N.T.S.



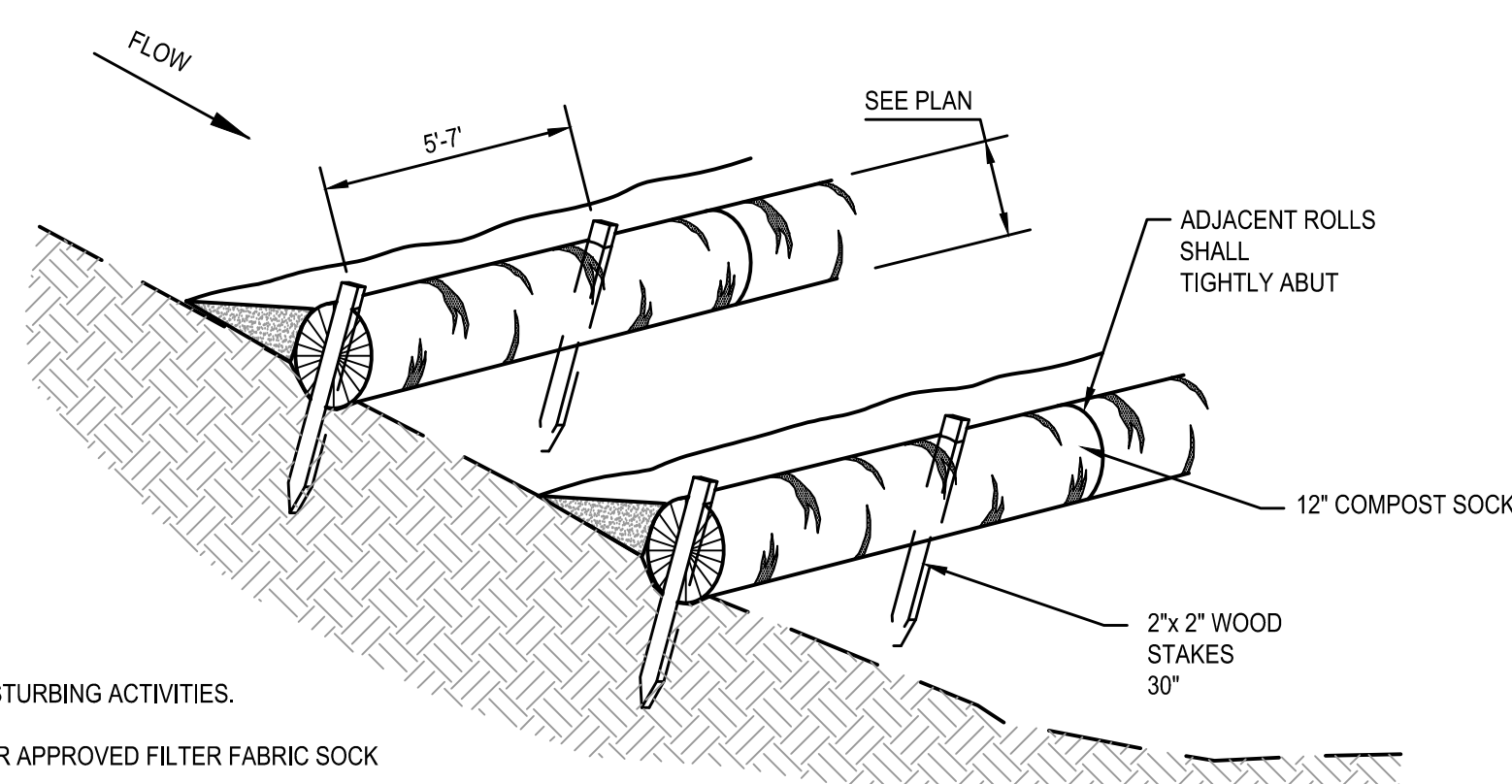
STANDARD INLET

INSTALLATION NOTES:

1. COMPOST SOCKS SHALL BE INSTALLED PRIOR TO ANY LAND-DISTURBING ACTIVITIES.
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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 MANUFACTURERS 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 TIE WIRE AND OVERLAPPED TO PROVIDE SUITABLE PROTECTION.

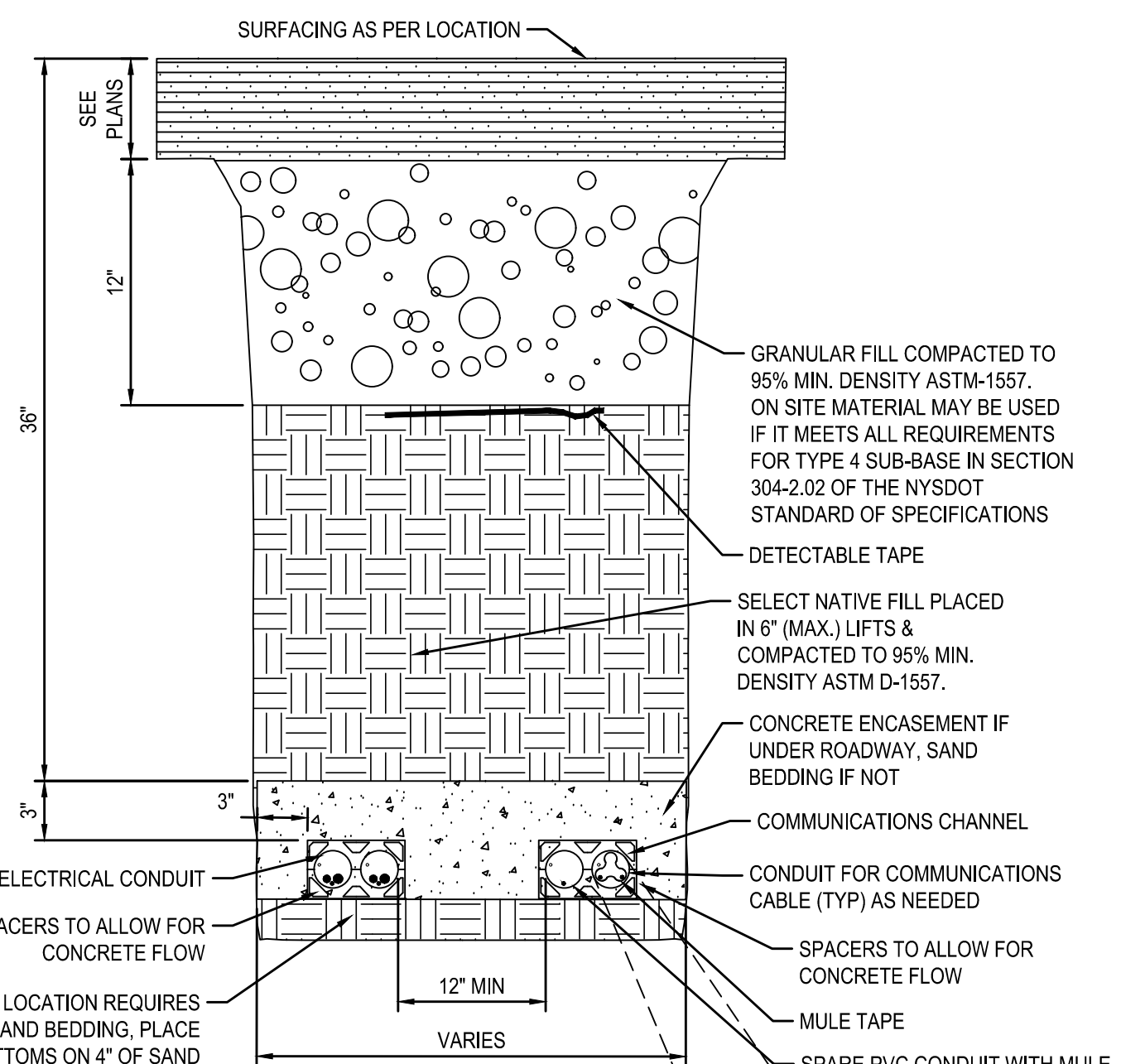
9 COMPOST SOCK INLET PROTECTION (IP-1) DETAIL

SCALE: N.T.S.



COMPOST SOCKS - DETAIL A

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

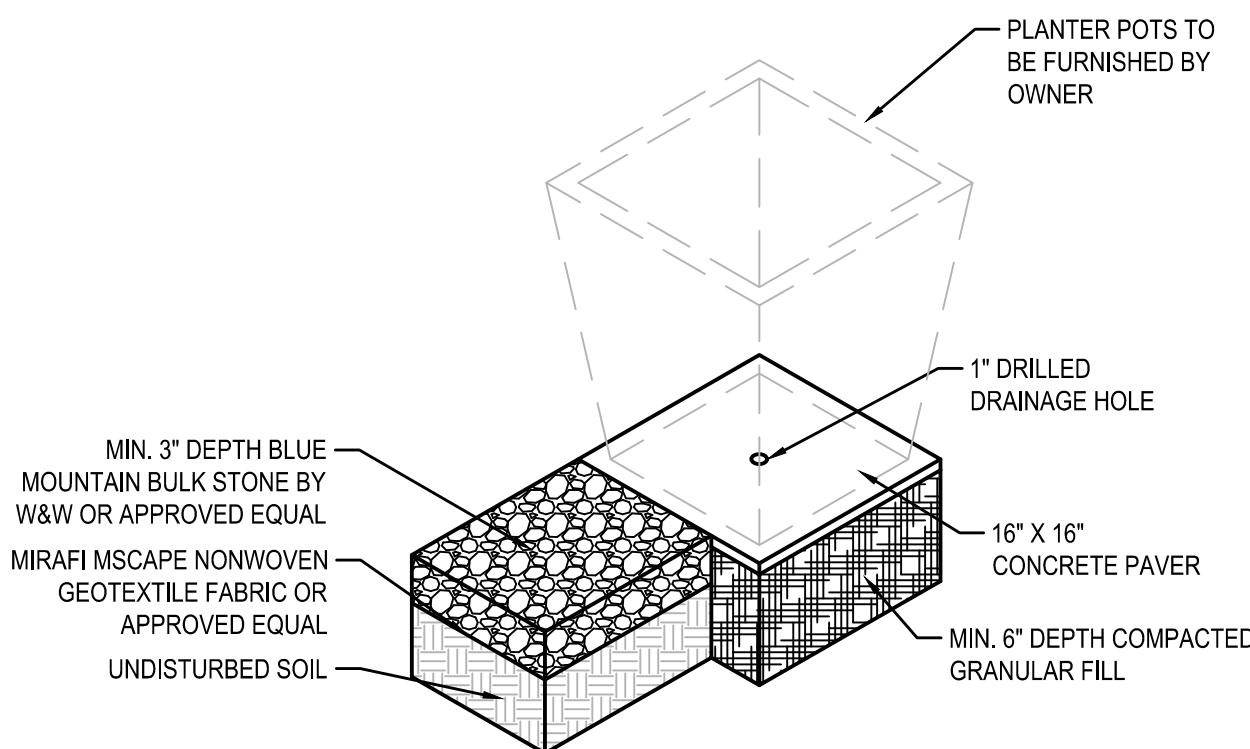
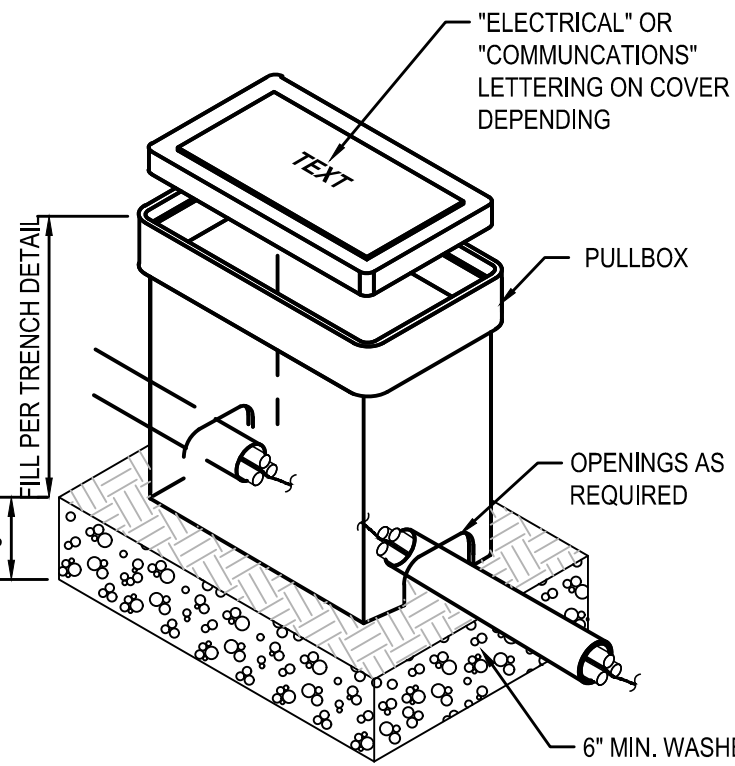


- NOTES:
1. ALL TRENCHING SHALL CONFORM TO O.S.H.A. STANDARDS.
 2. BREAK OUT AND SEPARATE ELEC AND TECH TRENCH IF TECH AND ELEC LINES ARE SHOWN INDIVIDUALLY ON THE SITE PLANS.
 3. ALL DEVICES PER SPECIFICATIONS

5 TYPICAL ELECTRICAL AND TECHNOLOGY COMBINED TRENCH DETAIL

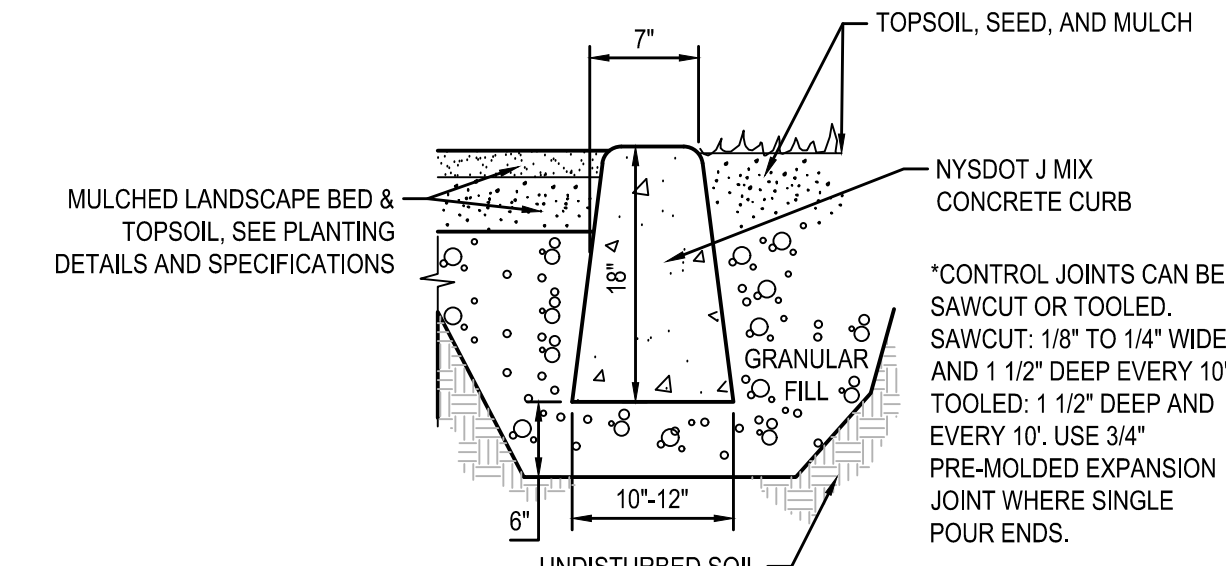
SCALE: 1" = 10'

NOTES:
QUANTITIES SHOWN FOR REFERENCE ONLY. REFER TO PLANS AND SPECIFICATIONS FOR DETAILS.



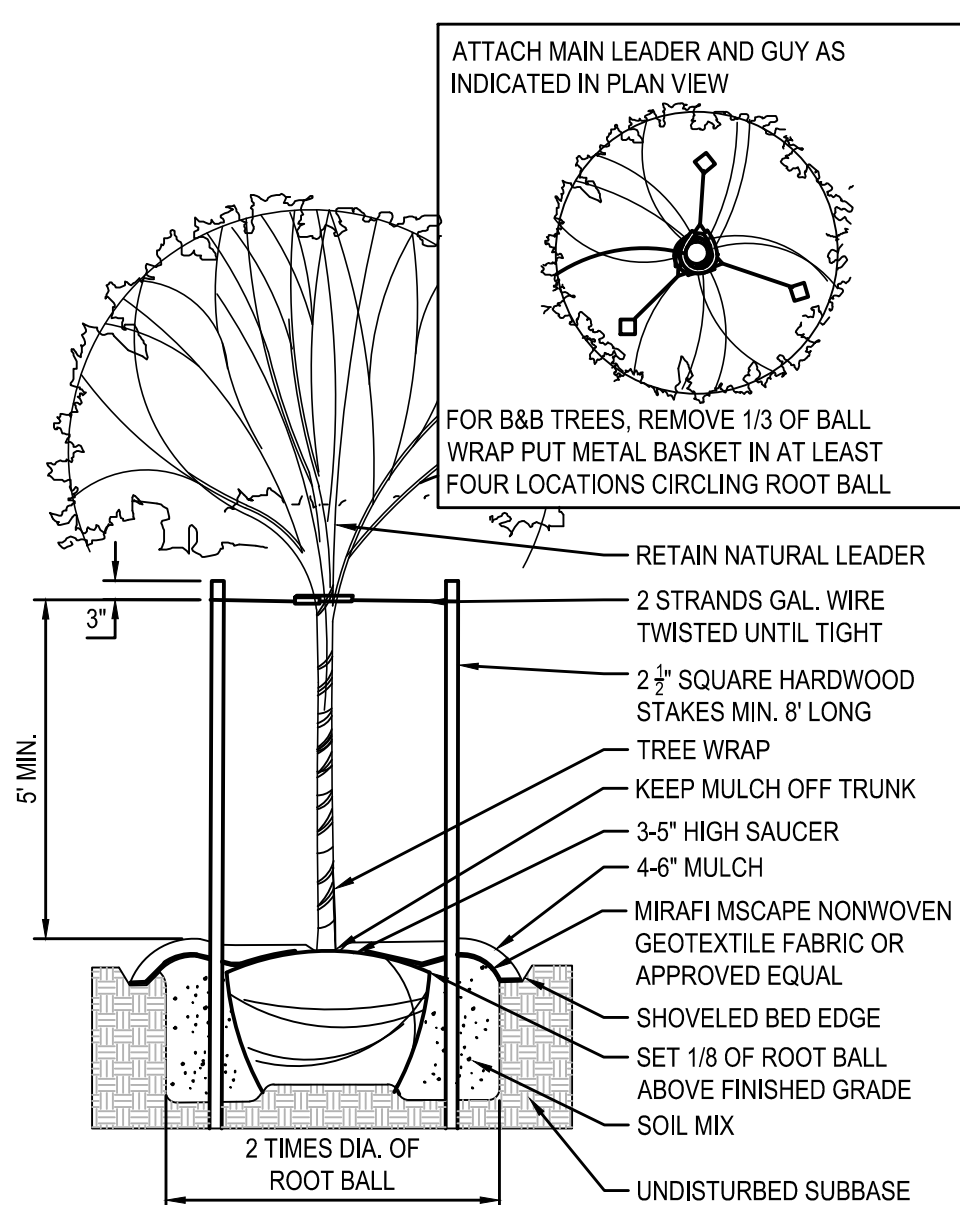
4 STONE LANDSCAPE BED AND PLANTER POT PAVES DETAIL

SCALE: N.T.S.



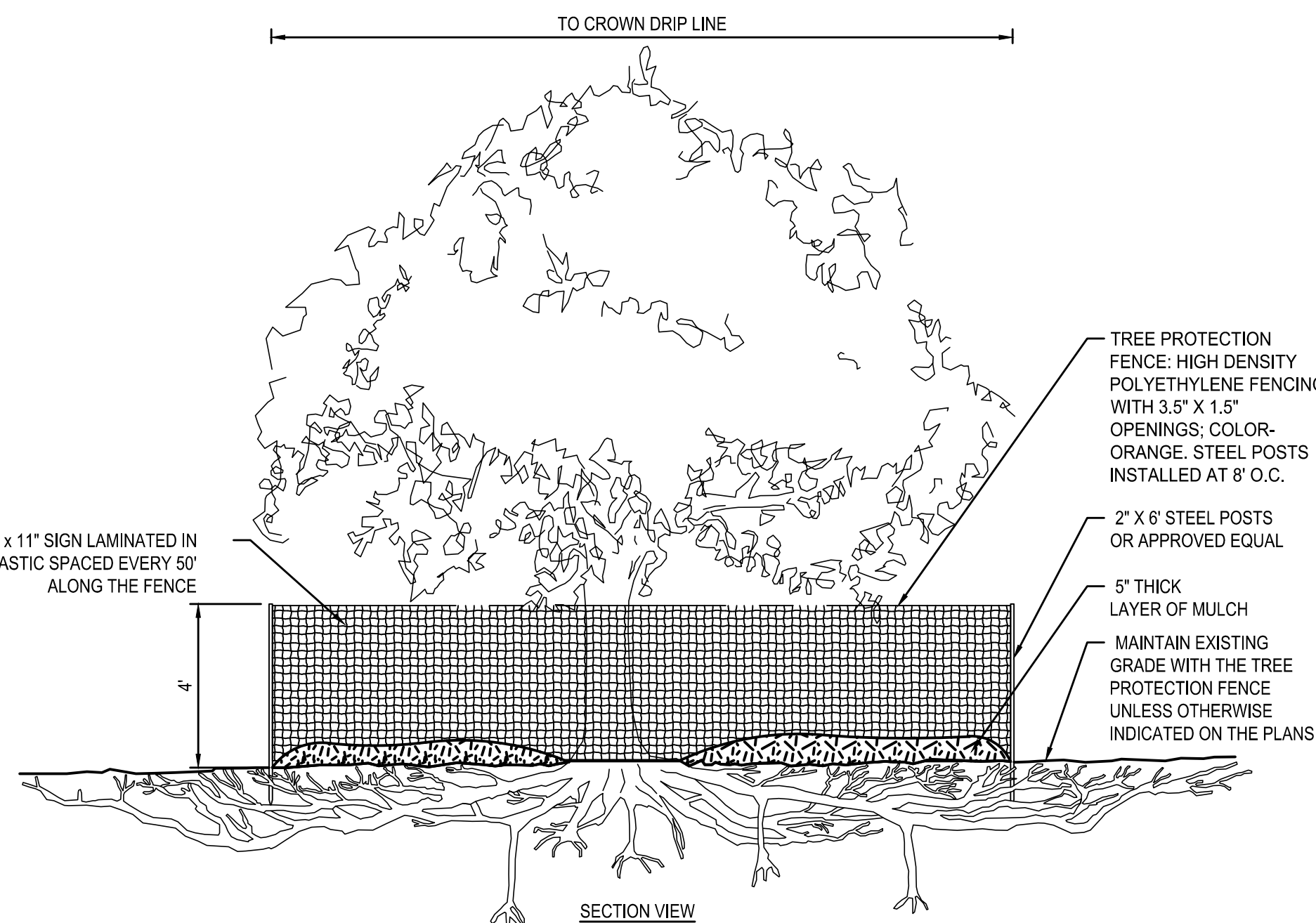
3 SLIP FORMED CONCRETE CURB DETAIL

SCALE: N.T.S.



2 DECIDUOUS TREE PLANTING DETAIL

SCALE: N.T.S.



- NOTES:
1. SEE SPECIFICATIONS FOR ADDITIONAL TREE PROTECTION REQUIREMENTS. IF THERE IS NO EXISTING IRRIGATION, SEE SPECIFICATIONS FOR WATERING REQUIREMENTS.
 2. NO PRUNING SHALL BE PERFORMED EXCEPT BY APPROVED ARBORIST.
 3. NO EQUIPMENT SHALL OPERATE INSIDE THE PROTECTIVE FENCING INCLUDING DURING FENCE INSTALLATION AND REMOVAL.
 4. SEE SITE IMPROVEMENT PLAN FOR ANY MODIFICATIONS WITH THE TREE PROTECTION AREA.

1 TREE PROTECTION DETAIL

SCALE: N.T.S.

SITE DETAILS

STADIUM ARCHWAY
BINGHAMTON UNIVERSITY

4400 VESTAL PARKWAY EAST, VESTAL, NY 13850

L3.1

PROJECT NO: 3434-015

DRAWN BY: SM
CHECKED BY: SM
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DESCRIPTION OF REVISION:

DATE:

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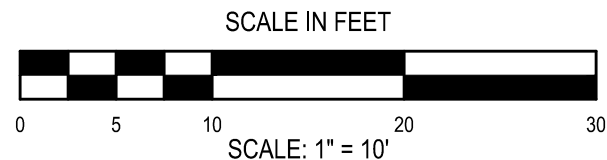
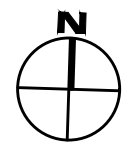
- # SITE E & SC PROTECTION PLAN NOTES:
1. PROVIDE 12 INCH SILT SOCK (TYP.). SEE DETAIL 6/L3.1.
 2. PROVIDE INLET PROTECTION (TYP.). SEE DETAIL 9/L3.1.
 3. LIMIT OF DISTURBANCE (40.04 ACRES). SITE DISTURBANCE IS WELL UNDER 1 ACRE AND THUS NO SWPPP IS REQUIRED.
 4. PROVIDE CONCRETE WASHOUT AREA AS NEEDED. CONTRACTOR TO CONFIRM FINAL LOCATION WITH DIRECTION BY THE PROPERTY OWNER. SEE DETAIL 7/L3.1.
 5. FINAL SOIL STOCKPILE LOCATIONS TO BE CHOSEN BY THE CONTRACTOR AND PROPERTY OWNER. SEE DETAIL 9/L3.1.
 6. FINAL STAGING AREA LOCATIONS TO BE CHOSEN BY THE CONTRACTOR AND PROPERTY OWNER.



2 SITE EROSION & SEDIMENT CONTROL PLAN
SCALE: 1" = 10'



1 SITE GRADING PLAN
SCALE: 1" = 10'



SITE GRADING, EROSION & SEDIMENT CONTROL PLAN

STADIUM ARCHWAY
BINGHAMTON UNIVERSITY
4400 VESTAL PARKWAY EAST, VESTAL, NY 13850

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PROJECT NO: 3434-015

HUNT ENGINEERS | ARCHITECTS | SURVEYORS

HORSEHEADS, NY 607-353-4000 ROCHESTER, NY 607-357-7860 TOWANDA, PA 570-265-4688
BINGHAMTON, NY 607-738-1881 ALBANY, NY 607-738-8881

NY CERTIFICATE NO. 0016220 PA CERTIFICATE NO. TSC220313464-1
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DATE DESCRIPTION OF REVISION

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DATE: 06/12/2025
PHASE: CD

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GENERAL STRUCTURAL NOTES

A. BUILDING CODES AND STANDARDS

- 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.
 - "2025 BUILDING CODE OF NEW YORK STATE"
 - "MINIMUM DESIGN LOADS FOR BUILDING AND OTHER STRUCTURES", (ANSI/ASCE 7) AMERICAN SOCIETY OF CIVIL ENGINEERS.

- ADDITIONAL CODES FOR MATERIALS SHALL BE FOUND IN THE APPROPRIATE SECTIONS THAT FOLLOW. SEE THOSE SECTIONS FOR THE APPLICABLE CODES.

B. DESIGN LOADS

- GRAVITY - DEAD LOADS

AREA	PSF
NEW CONSTRUCTION	SLEF WEIGHT (NO COLLATERAL)
- GRAVITY - LIVE LOADS
 - SNOW LOAD 34 PSF
(1) GROUND SNOW LOAD
(2) EXPOSURE FACTOR
(3) IMPORTANCE CATEGORY
(4) THERMAL FACTOR
(5) SLOPE FACTOR

(Pg) =40 PSF (Ce)=1.0 (i)=1.0 (Ct)=1.2 (Cs)=1.0

- WIND LOADS

a. BASIC WIND SPEED b. ALLOWABLE DESIGN WIND SPEED c. OCCUPANCY RISK CATEGORY d. WIND EXPOSURE CATEGORY e. ENCLOSED BUILDING f. MODIFICATION FACTORS	(V) = 111 MPH (Vasd) = 90 MPH II B (GCP) = ±0.18 (Kz)=0.7, (Kzt) = 1.0, (Kd) = 0.85, (Ke) = 1.0
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- LATERAL LOADS: SEISMIC

a. SEISMIC BASE SHEAR b. OCCUPANCY RISK CATEGORY c. IMPORTANCE FACTOR d. SITE CLASS e. SEISMIC DESIGN CATEGORY f. SPECTRAL RESPONSE ACCELERATION g. SEISMIC FORCE-RESISTING SYSTEM h. RESPONSE MODIFICATION FACTOR i. ANALYSIS PROCEDURE	(V) = 1.5 KIPS II (I) = 1.0 D (ASSUMED) B (Sds) = 0.12 (Ss) = 0.14 (Sd1) = 0.158, (S1) = 0.041 ORDINARY MOMENT FRAMES (R)=3.5 EQUIVALENT LATERAL FORCE
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- FLOOD LOAD
 - AREA OUTSIDE 100 YEAR FLOOD AREA PER FEMA FLOOD INSURANCE MAP #36005700150.

C. FOUNDATION/EARTHWORK/GEOTECHNICAL REPORT

- DESIGN DATA:
 - FOUNDATIONS FOR THE BUILDING HAVE BEEN DESIGNED IN ACCORDANCE WITH THE GEOTECHNICAL EVALUATION CD11333E-01-05-26 DATED JUNE 3, 2026 AS PREPARED BY ATL ENGINEERING, P.C., 6431 U.S. HIGHWAY 11, CANTON, NY 13617. SEE THE REPORT FOR ADDITIONAL INFORMATION.
 - ALL EXTERIOR FOUNDATIONS SHALL BEAR A MINIMUM OF 8" BELOW GRADE AND 1'-0" BELOW INTERIOR FINISHED FLOOR GRADE. IN CASE OF CONFLICT, NOTIFY THE ARCHITECT AND STRUCTURAL ENGINEER IN ADVANCE OF ANY CONSTRUCTION TO ALLOW FOR ADJUSTMENT.
- FOUNDATION SYSTEM
 - SPREAD FOOTINGS SHALL BEAR ON UNDISTURBED NATURAL SOILS OR PROPERLY PLACED AND COMPACTED ENGINEERED FILL WITH A MINIMUM ALLOWABLE BEARING PRESSURE OF 4000 PSF. BEARING PRESSURES SHALL BE VERIFIED BY AN EXPERIENCED QUALIFIED GEOTECHNICAL ENGINEER PRIOR TO PLACEMENT OF FOUNDATIONS.
- GENERAL
 - SEE THE SPECIFICATIONS AND GEOTECHNICAL REPORT FOR EXCAVATION, DEWATERING AND PREPARATION OF THE FOUNDATION AND SLAB-ON-GRADE SUBGRADE, INCLUDING COMPACTION PROCEDURES. REQUIREMENTS CONTAINED IN THE GEOTECHNICAL REPORTS ARE PART OF THIS WORK.
 - CONTRACTOR SHALL VERIFY ALL EXISTING FIELD CONDITIONS THAT MAY AFFECT THE INSTALLATION OF THE FOUNDATION SYSTEM AS SHOWN PRIOR TO STARTING WORK.
 - 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.
 - UTILITY LINES SHALL NOT BE PLACED THROUGH OR BELOW FOUNDATIONS WITHOUT THE STRUCTURAL ENGINEER'S APPROVAL.
 - 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.
- BACKFILL
 - ALL BACKFILL SHALL BE ACCOMPLISHED USING MATERIAL APPROVED BY THE GEOTECHNICAL ENGINEER, WITH OPTIMUM MOISTURE CONTENT FOR COMPACTING AND SHALL BE FREE OF DEBRIS.
 - WHERE THE FINAL GRADE ELEVATIONS ARE APPROXIMATELY EQUAL ON BOTH SIDES OF A WALL, BACKFILL IN LIFTS TO MAINTAIN LEVEL ELEVATIONS WITHIN 10" ON BOTH SIDES AT ANY TIME.
- STRUCTURAL FILL
 - REFER TO SPECIFICATIONS AND GEOTECHNICAL REPORT FOR COMPACTED STRUCTURAL FILL. INSPECTION OF THE PLACEMENT OF COMPACTED STRUCTURAL FILL SHALL BE BY AN EXPERIENCED, QUALIFIED GEOTECHNICAL ENGINEER.
 - APPROVED MATERIAL SHOULD BE PLACED IN 8" MINIMUM INDIVIDUAL MOISTURE CONDITIONED AS REQUIRED TO ACHIEVE COMPACTION TO A MINIMUM IN PLACE DENSITY OF 95% MAX. IN ACCORDANCE WITH ASTM SPECIFICATION D-1557 (MODIFIED PROCTOR) FOR FILL BELOW FOOTINGS AND SLABS-ON-GRADE.

F. CONCRETE

- CODES
 - "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE, ACI 318", AMERICAN CONCRETE INSTITUTE.
 - "ACI MANUAL OF CONCRETE PRACTICE - PARTS 1 THROUGH 5".
 - "MANUAL OF STANDARD PRACTICE", CONCRETE REINFORCING STEEL INSTITUTE.
- MATERIALS
 - THE FOLLOWING ASTM STANDARDS AND DESIGN STRESSES SHALL BE USED FOR THE APPROPRIATE MATERIALS USED IN THE CONSTRUCTION OF THIS PROJECT.

APPLICATION	16-28 DAYS	WIEIGHT (PCF)	WIEIGHT (PCF)	WIEIGHT (PCF)
FOOTINGS	3000	145	0.55	
PIERS	4000	145	0.50	

"PUMP MIXES: MAXIMUM WATER/CEMENT RATIO MUST BE MAINTAINED. IF ADDITIONAL WORKABILITY IS REQUIRED FOR PUMPED PLACEMENT, THE HIGH OR MID-RANGE WATER REDUCERS SHALL BE USED IN LIEU OF ADDITIONAL WATER.
 - CEMENT:

ASTM C150, TYPE I OR III ASTM C150, TYPE II FOR CONCRETE IN CONTACT WITH EARTH.
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 - CEMENT SUBSTITUTES:

ASTM C595, TYPE IS (LIMIT TO 50% MAX OF CEMENTITIOUS CONTENT BY WEIGHT)

 - AGGREGATES:

ASTM C33 (NORMAL WEIGHT) ASTM C330 (STRUCTURAL LIGHTWEIGHT)
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 - AIR:

ASTM C260 CONCRETE EXPOSED TO WEATHER SHALL BE AIR-ENTRAINED (5%±) (1-12%) BY VOLUME.
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 - REINFORCEMENT:

DEFORMED REINFORCING BARS WELDABLE DEFORMED REINF. BARS WELDED WIRE FABRIC (WVF) THREADBAR AND COUPLER	ASTM A615, GRADE 60 ASTM A706 OR APPROVED EQUAL ASTM A1064 DYWIDAG MEETING ACI 318-12 14.3.4 SPICES OR APPROVED EQUAL
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 - ANCHORING SYSTEM:

ADHESIVE REINFORCING EXPANSION BOLTS	HILTI HY-200 SYSTEM OR APPROVED EQUAL HILTI KWIK BOLT T2 OR APPROVED EQUAL
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- CAST-IN-PLACE
 - REINFORCING STEEL, CLEAR COVER SHALL BE AS FOLLOWS UNLESS NOTED OTHERWISE:

(1) NONPRESTRESSED/ NON-POST-TENSIONED CONCRETE:	COVER
a. CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH	3"
b. CONCRETE EXPOSED TO EARTH OR WEATHER: #5 BARS AND LARGER #5 BARS AND SMALLER	2" 1-1/2"
c. CONCRETE NOT EXPOSED TO WEATHER OR IN CONTACT WITH GROUND: - SLABS, WALLS AND JOISTS: #11 BARS AND SMALLER - BEAMS, AND COLUMNS:	3/4" 1-1/2"
d. PRIMARY REINFORCEMENT, TIES, STIRRUPS, AND SPIRALS	1-1/2"
 - 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.
 - 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.
 - NO WELDING OF REINFORCING SHALL BE PERMITTED UNLESS SPECIFICALLY CALLED FOR OR APPROVED BY THE STRUCTURAL ENGINEER.
 - 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.
 - NO SLEEVES SHALL BE PLACED THROUGH ANY CONCRETE ELEMENT UNLESS SHOWN ON THE STRUCTURAL DRAWINGS APPROVED FOR SHOP DRAWINGS OR SPECIFICALLY AUTHORIZED IN WRITING BY THE STRUCTURAL ENGINEER.
 - 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.
 - WHEN INSTALLING EXPANSION BOLTS OR ADHESIVE ANCHORS, THE CONTRACTOR SHALL TAKE MEASURES TO AVOID DRILLING OR CUTTING OF ANY EXISTING REINFORCING AND DESTRUCTION OF CONCRETE. HOLES SHALL BE BLOWN CLEAN PRIOR TO PLACING BOLTS OR ADHESIVE ANCHORS.
 - CHAMFER ALL EXPOSED CONCRETE CORNERS, 3/4" x 3/4" MINIMUM, UNLESS NOTED OTHERWISE ON ARCHITECTURAL DRAWINGS.
 - THE CONCRETE SLAB SHALL BE FINISHED, WITHIN TOLERANCE, TO THE ELEVATIONS INDICATED ON THE DRAWINGS.
- INSPECTION AND TESTING
 - REFER TO SPECIFICATION SECTIONS 014000, 014533 AND 033000.

D. CONSTRUCTION

- GENERAL
 - 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.
 - 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 SUPERIMPOSED LOADS INDICATED IN THE DESIGN LOADS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE ALLOWABLE CONSTRUCTION LOADS AND TO PROVIDE PROPER DESIGN AND CONSTRUCTION OF FALSE WORK, STAGING, BRACING, SHEETING AND SHORING, ETC. ALL SHORING CALCULATIONS AND DRAWINGS SHALL BE SIGNED AND SEALED BY AN ENGINEER REGISTERED IN THE PROJECT'S JURISDICTION.
 - IN CASE OF CONFLICT BETWEEN THE GENERAL NOTES, DETAILS AND SPECIFICATIONS, THE MOST RIGID REQUIREMENTS SHALL GOVERN.
 - IMPLEMENTING JOB SITE SAFETY AND CONSTRUCTION PROCEDURES ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
 - 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.
 - CONTRACTOR SHALL FURNISH DIMENSIONED SHOP DRAWINGS AT ALL LEVELS LOCATING FLOOR AND ROOF EDGES FOR REVIEW BY THE ARCHITECT AND STRUCTURAL ENGINEER.
 - THE CONTRACTOR SHALL SUBMIT, FOR REVIEW, DRAWINGS AND CALCULATIONS JURISDIOED 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.
 - STUD WALL MASONRY BACKUP AND RELATED CONNECTIONS: BACK UP SYSTEM WITH ATTACHED MASONRY SHALL BE DESIGNED FOR A MAXIMUM DEFLECTION OF 1/600 OF THE SPAN IN INCHES OR 3/8" WHICHEVER IS LESS, AT THE APPLICABLE DESIGN WIND LOAD. THE SUBMITTED DRAWINGS AND CALCULATIONS SHALL CLEARLY SHOW THE LOAD REACTIONS AS APPLIED TO THE MAIN STRUCTURE.
 - SIGN SUPPORT STRUCTURE SHALL BE DESIGNED TO WITHSTAND SNOW AND WIND LOADS. THE SUBMITTED DRAWINGS AND CALCULATIONS SHALL CLEARLY SHOW LOAD REQUIREMENTS AND REACTIONS APPLIED TO COLUMNS.
 - WORK NOT INCLUDED ON THE DRAWINGS BUT IMPLIED TO BE SIMILAR TO THAT SHOWN AT CORRESPONDING PLACES ELSEWHERE ON THE DRAWINGS SHALL BE REPEATED.

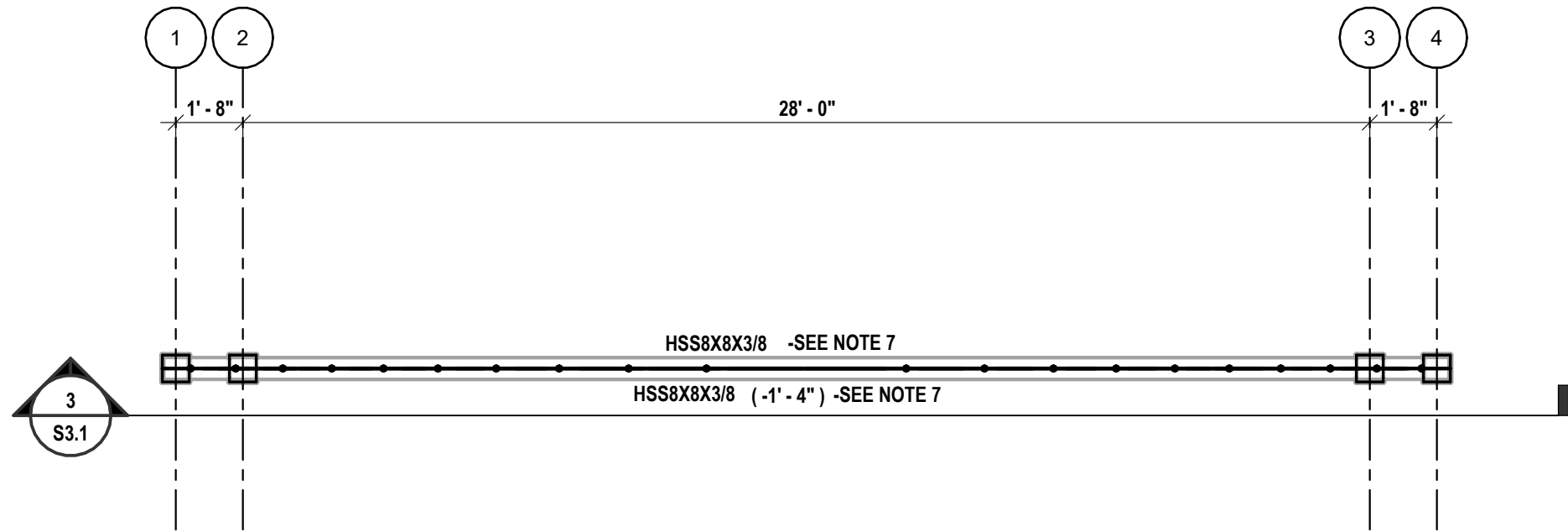
F. MASONRY

- CODES
 - "BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES, TMS 402 / ACI 530 / ASCE 5" AND "SPECIFICATIONS FOR MASONRY STRUCTURES, TMS 602 / ACI 530.1 / ASCE 1" MASONRY STANDARDS JOINT COMMITTEE.
- MATERIALS
 - LOAD BEARING CONCRETE: HOLLOW AND SOLID
 - MORTAR
 - GROUT
 - PRISM STRENGTH
 - HORIZONTAL JOINT REINFORCEMENT
- GENERAL
 - 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.
 - PROVIDE MASONRY ANCHORS AT 16" O.C. SET ON COURSING AND ATTACHED TO ALL BEAMS, COLUMNS, PARTITIONS AND WALLS ABUTTING OR EMBEDDED IN MASONRY.
 - ALL PIERS AND PARTITIONS SHALL BE BONDED OR ANCHORED TO ADJACENT MASONRY WALLS. PROVIDE TIES TO ADJACENT FLOOR AND ROOF CONSTRUCTION IN ACCORDANCE WITH DETAILS AND DRAWINGS.
 - IN GROUTED AND/OR REINFORCED MASONRY WALLS, USE MASONRY UNITS WITH CORES THAT ALIGN VERTICALLY TO PROVIDE CONTINUOUS UNOBSTRUCTED CELLS FOR GROUTING AND REINFORCING STEEL PLACEMENT.
 - LAP SPLICES FOR DEFORMED REINFORCING BARS USED IN MASONRY CONSTRUCTION SHALL BE 50 BAR DIAMETERS.
 - ALL WALL SECTIONS AND PIERS LESS THAN 4 SQUARE FEET IN CROSS-SECTIONAL AREA TO BE FULLY GROUTED OR OF 100% SOLID MASONRY.
 - SUBMIT GROUT MIX DESIGN AND MASONRY UNIT CERTIFICATIONS TO THE STRUCTURAL ENGINEER FOR APPROVAL.
 - CONTRACTOR SHALL PROVIDE ADEQUATE BRACING AND SUPPORT FOR ALL MASONRY WORK UNTIL PERMANENT CONSTRUCTION IS IN PLACE.
 - SEE SPECIFICATIONS AND DETAILS FOR GENERAL CONTROL JOINT REQUIREMENTS. JOINTS ARE TO BE CONSTRUCTED IN ALL WALLS AND PARTITIONS.
- INSPECTION AND TESTING
 - REFER TO SPECIFICATION SECTIONS 01 40 00, 01 45 33 AND 04 20 20.

G. STRUCTURAL STEEL

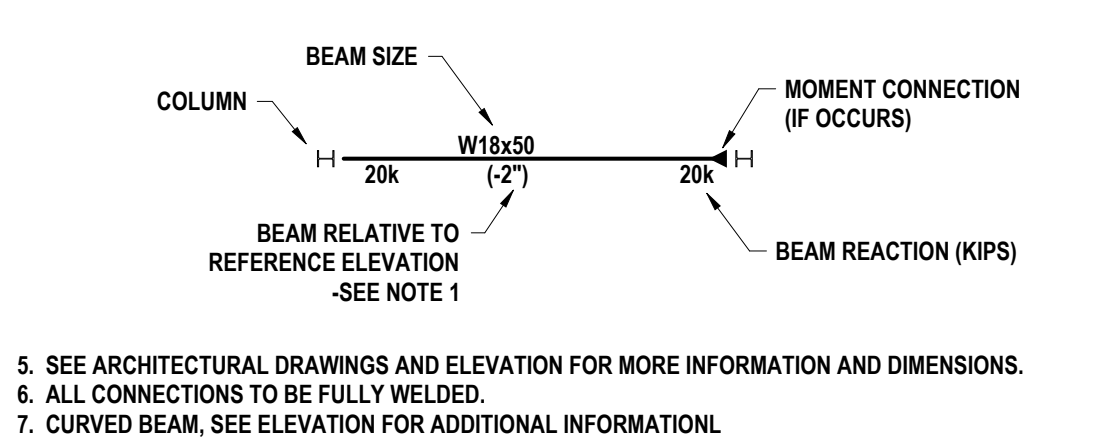
- CODES
 - "AISC STEEL CONSTRUCTION MANUAL", FOURTEENTH EDITION, 2011, AMERICAN INSTITUTE OF STEEL CONSTRUCTION (INCLUDING SPECIFICATIONS FOR STRUCTURAL STEEL BUILDINGS, SPECIFICATION FOR STRUCTURAL JOINTS USING HIGH-STRENGTH BOLTS, AND AISC CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES, WITH EXCEPTION, IF ANY, AS INDICATED IN THE SPECIFICATIONS).
 - "MANUAL OF STEEL CONSTRUCTION, VOLUME II CONNECTIONS", ASD NINTH EDITION LRFSD SECOND EDITION, AMERICAN INSTITUTE OF STEEL CONSTRUCTION.
 - "DETAILING FOR STEEL CONSTRUCTION", AMERICAN INSTITUTE OF STEEL CONSTRUCTION.
 - "STRUCTURAL WELDING CODE ANSI/AWS D1.1", AMERICAN WELDING SOCIETY.
- MATERIALS
 - ROLLED SHAPES
 - CHANNELS, ANGLES AND PLATES
 - STRUCTURAL TUBING (RECTANGULAR HSS)
 - STRUCTURAL TUBING (ROUND HSS)
 - STRUCTURAL PIPE
 - WELDING ELECTRODES
 - HIGH STRENGTH BOLTS
 - ANCHOR RODS
 - SMOOTH & THREADED ROD
 - BRACED FRAME TIE RODS
 - EXPANSION BOLTS
 - ADHESIVE ANCHORING SYSTEM
 - HEADED SHEAR STUDS
- GENERAL
 - ALL SHOP AND FIELD CONNECTIONS SHALL BE MADE WITH HIGH STRENGTH BOLTS OR WELDS. ALL HIGH STRENGTH BOLT AND NUTS SHALL BE CLEARLY MARKED AS REQUIRED BY AISC SPECIFICATIONS. CONNECTIONS MADE WITH UNMARKED BOLTS AND NUTS WILL BE REJECTED.
 - PROVIDE ACCESS FOR INSPECTION OF ALL SHOP AND FIELD CONNECTIONS FOR PROPER MATERIALS AND WORKMANSHIP.
 - ALTERNATIVE CONNECTION DESIGNS SHALL ONLY BE ALLOWED WITH PRIOR APPROVAL OF THE STRUCTURAL ENGINEER. IF SUCH APPROVAL IS GRANTED ALL CONNECTIONS, SPLICES AND ERECTION PICES NOT IN ACCORDANCE WITH CONTRACT DRAWINGS (FABRICATOR REDESIGN) SHALL BE DESIGNED BY THE FABRICATOR'S ENGINEER REGISTERED IN THE PROJECT'S JURISDICTION. CALCULATIONS AND SHOP DRAWINGS SHALL BE SUBMITTED BEARING THE ENGINEER'S SEAL AND SIGNATURE.
 - PRIOR TO STARTING FABRICATION, CERTIFIED COPIES OF MILL TEST REPORTS SHALL BE SUBMITTED TO THE STRUCTURAL ENGINEER.
 - THE GENERAL CONTRACTOR SHALL NOTIFY THE STRUCTURAL ENGINEER OF ANY FABRICATION OR ERECTION ERRORS OR DEVIATIONS AND RECEIVE WRITTEN APPROVAL BEFORE ANY FIELD CORRECTIONS ARE MADE.

- UNLESS OTHERWISE NOTED, ALL F3125 BOLTS SHALL BE TIGHTENED TO THE "SNUG TIGHT" CONDITION DEFINED AS THE TIGHTNESS ATTAINED BY A FEW IMPACTS OR AN IMPACT WRENCH OR THE FULL EFFORT OF A MAN USING AN ORDINARY SPUD WRENCH. THE SNUG TIGHT CONDITION MUST ENSURE THAT THE PILES OF THE CONNECTED MATERIAL HAVE BEEN BROUGHT INTO SNUG CONTACT.
- PERMANENT FRAMING AND FINAL CONNECTION DETAILS ARE SHOWN ON THE DRAWINGS. THE FABRICATOR AND ERECTOR ARE RESPONSIBLE FOR THE DESIGN OF TEMPORARY BRACING AND RECOMMENDED ERECTION PROCEDURES.
- WELDING ELECTRODES, WELDING PROCESS, MINIMUM PREHEAT AND INTERPASS TEMPERATURES SHALL BE IN ACCORDANCE WITH THE AISC AND AWS SPECIFICATIONS. ANY STRUCTURAL STEEL DAMAGED IN WELDING IS TO BE REPLACED OR ACCEPTABLY REINFORCED AS ACCEPTABLE TO THE STRUCTURAL ENGINEER.
- WELDERS SHALL HAVE CURRENT EVIDENCE OF PASSING THE APPROPRIATE AWS QUALIFICATION TESTS. THE ENGINEER MAY REQUEST SUCH EVIDENCE AT ANY TIME DURING THE PROJECT.
- GAS CUTTING TORCHES SHALL NOT BE USED TO CORRECT FABRICATION ERRORS WITHOUT THE APPROVAL OF THE STRUCTURAL ENGINEER.
- ALL STRUCTURAL STEEL THAT IS SUBJECT TO WETTING WITH SALT-LADEN WATER OR OTHER MILD CHEMICAL ATTACK SHALL BE COMMERCIAL BLAST CLEANED AND PAINTED WITH THREE COATS OF EPOXY PAINT IN ACCORDANCE WITH STEEL STRUCTURES PAINTING COUNCIL PAINTING SYSTEM SPECIFICATION NO. 13.01. A URETHANE TOPCOAT SHALL BE PROVIDED FOR ALL STEEL EXPOSED TO VIEW.
- INSPECTION AND TESTING
 - REFER TO SPECIFICATION SECTION 014000, 014533 AND 051200.

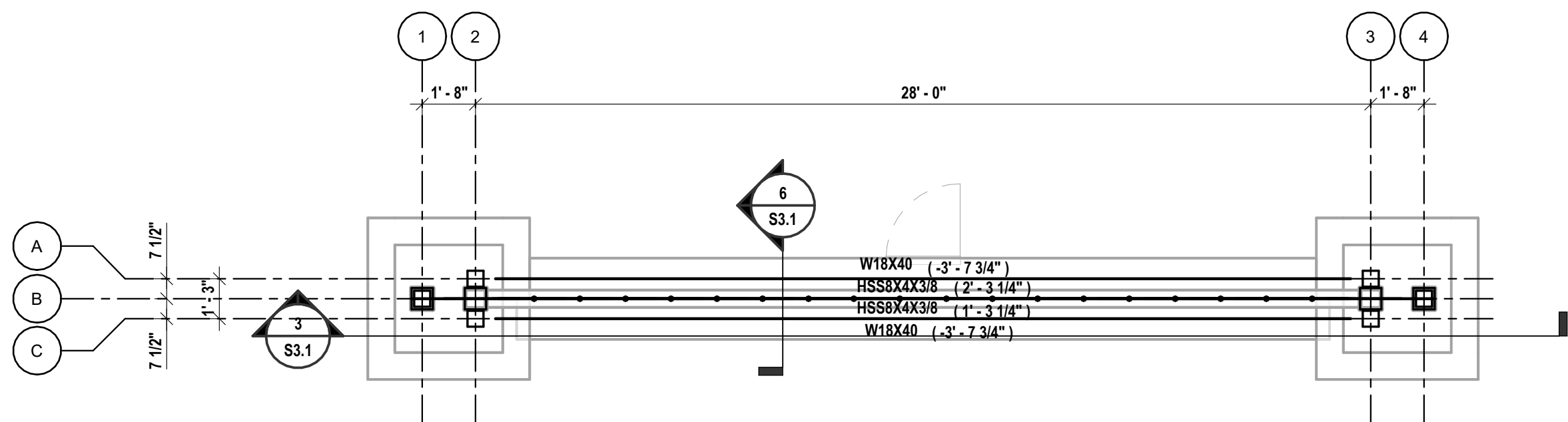


9 HIGH FRAMING PLAN

- 1/4" = 1'-0"
- PLAN NOTES:
- TOP OF STEEL = +33'-0 3/4", UNLESS NOTED. THIS IS TO BE THE REFERENCE ELEVATION FOR THIS LEVEL. ALL ELEVATIONS INDICATED (+0'-0") ARE TAKEN FROM THIS REFERENCE ELEVATION.
 - SEE S1.1 FOR GENERAL NOTES.
 - SEE S3.1 FOR TYPICAL DETAILS.
 - STRUCTURAL STEEL FRAMING KEY:

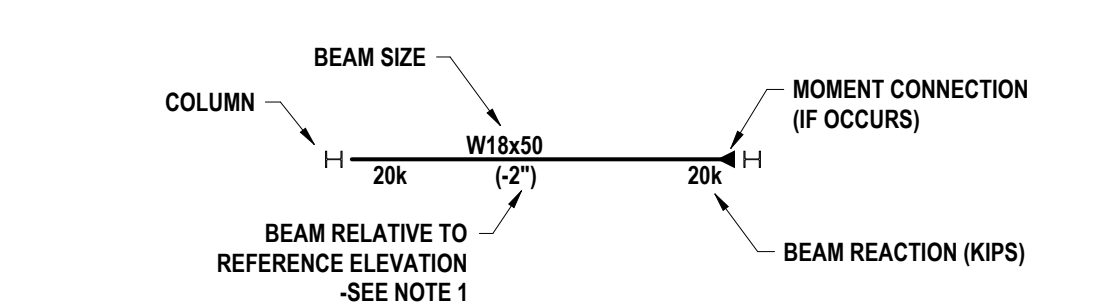


5. SEE ARCHITECTURAL DRAWINGS AND ELEVATION FOR MORE INFORMATION AND DIMENSIONS.
6. ALL CONNECTIONS TO BE FULLY WELDED.
7. CURVED BEAM, SEE ELEVATION FOR ADDITIONAL INFORMATION.

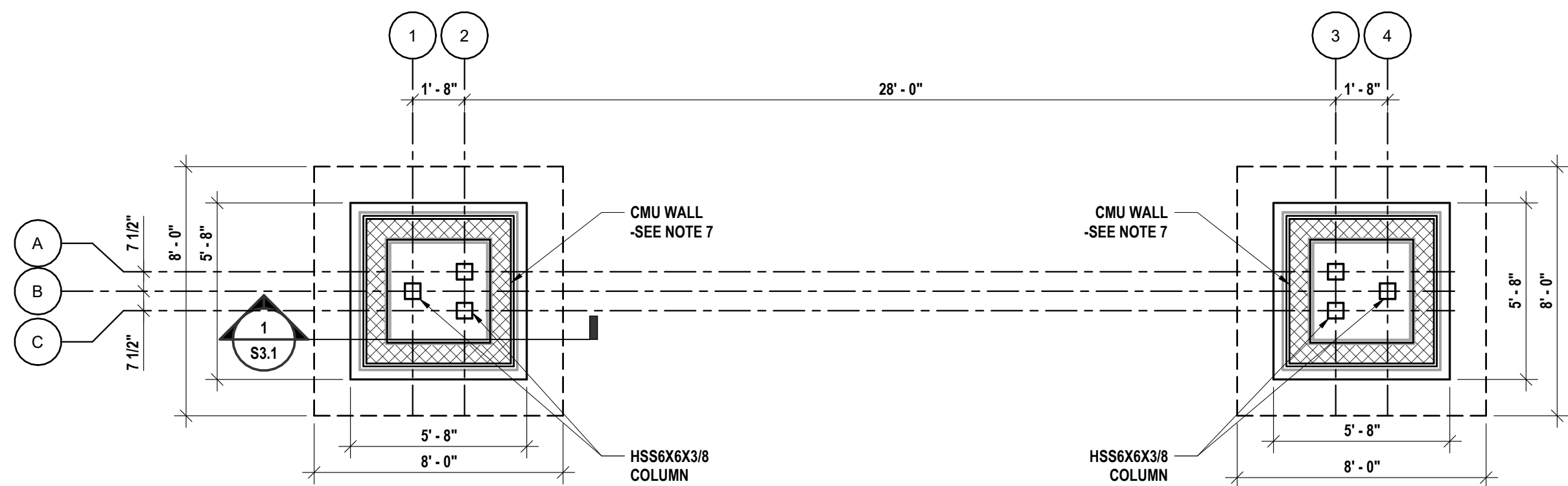


2 LOW FRAMING PLAN

- 1/4" = 1'-0"
- PLAN NOTES:
- TOP OF STEEL = +24'-0 3/4", UNLESS NOTED. THIS IS TO BE THE REFERENCE ELEVATION FOR THIS LEVEL. ALL ELEVATIONS INDICATED (+0'-0") ARE TAKEN FROM THIS REFERENCE ELEVATION.
 - SEE S1.1 FOR GENERAL NOTES.
 - SEE S3.1 FOR TYPICAL DETAILS.
 - STRUCTURAL STEEL FRAMING KEY:

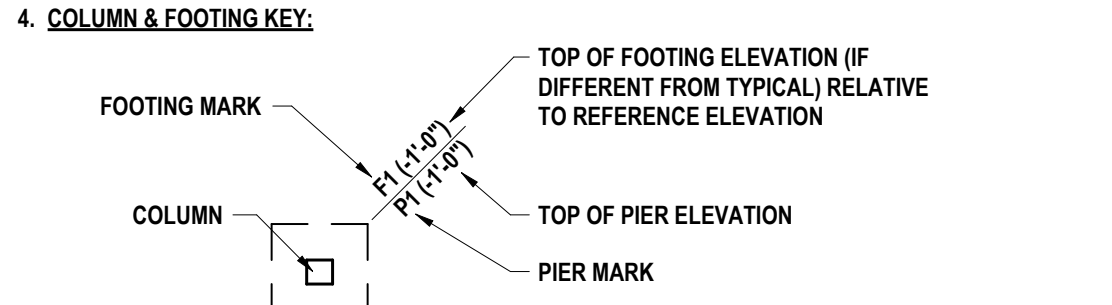


5. SEE ARCHITECTURAL DRAWINGS AND ELEVATION FOR MORE INFORMATION AND DIMENSIONS.
6. ALL CONNECTIONS TO BE FULLY WELDED UNLESS NOTED OTHERWISE.

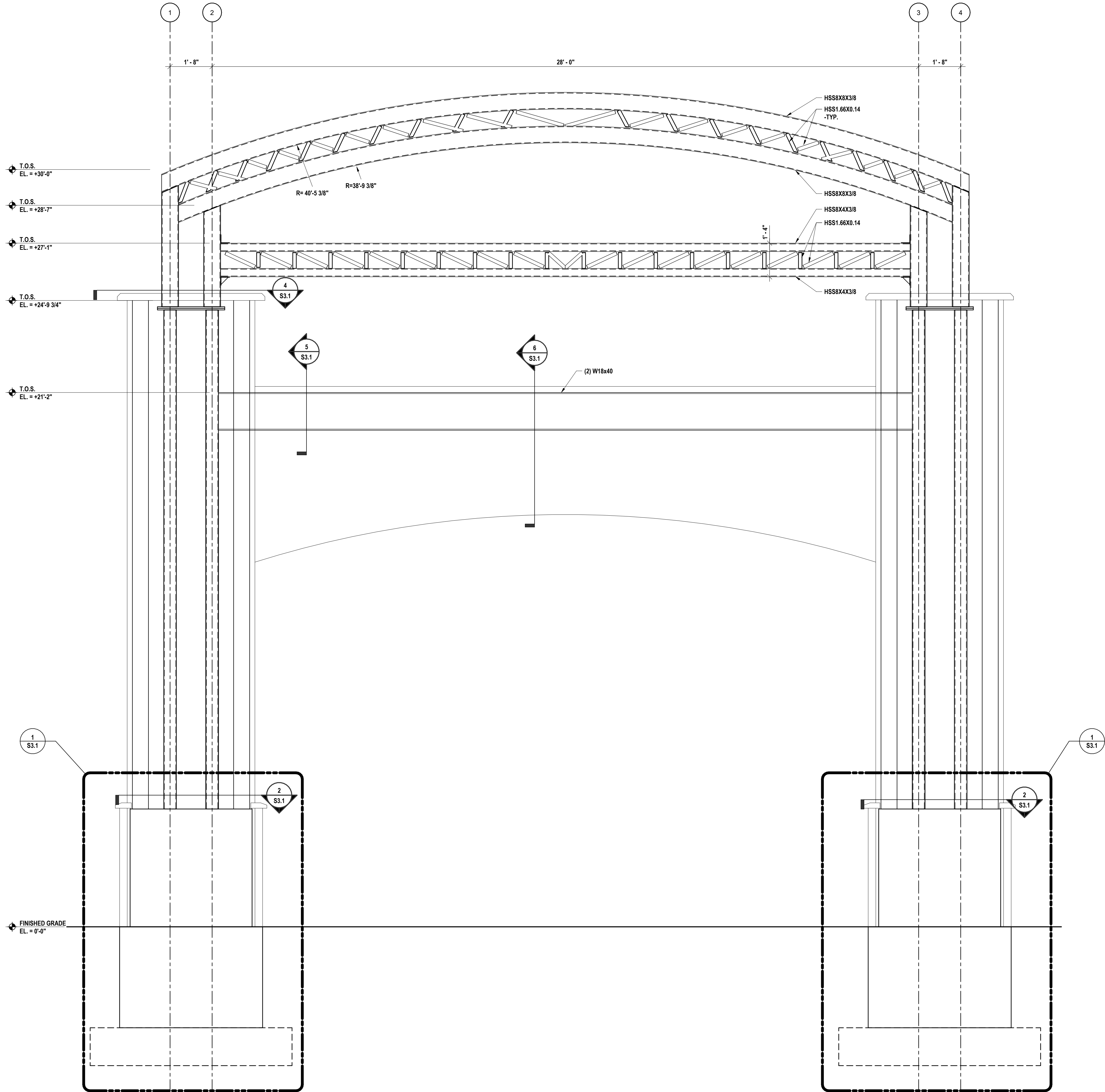


1 FOUNDATION PLAN

- 1/4" = 1'-0"
- PLAN NOTES:
- TOP OF PIER EL. = +4'-8". THIS IS TO BE THE REFERENCE ELEVATION FOR THIS LEVEL. ALL ELEVATIONS INDICATED (+0'-0") ARE TAKEN FROM THIS REFERENCE ELEVATION.
 - SEE S1.1 FOR GENERAL NOTES, INCLUDING COMPACTION REQUIREMENTS FOR FOUNDATIONS AND SLABS.
 - SEE SHEET S3.1 FOR TYPICAL DETAILS.
 - COLUMN & FOOTING KEY:

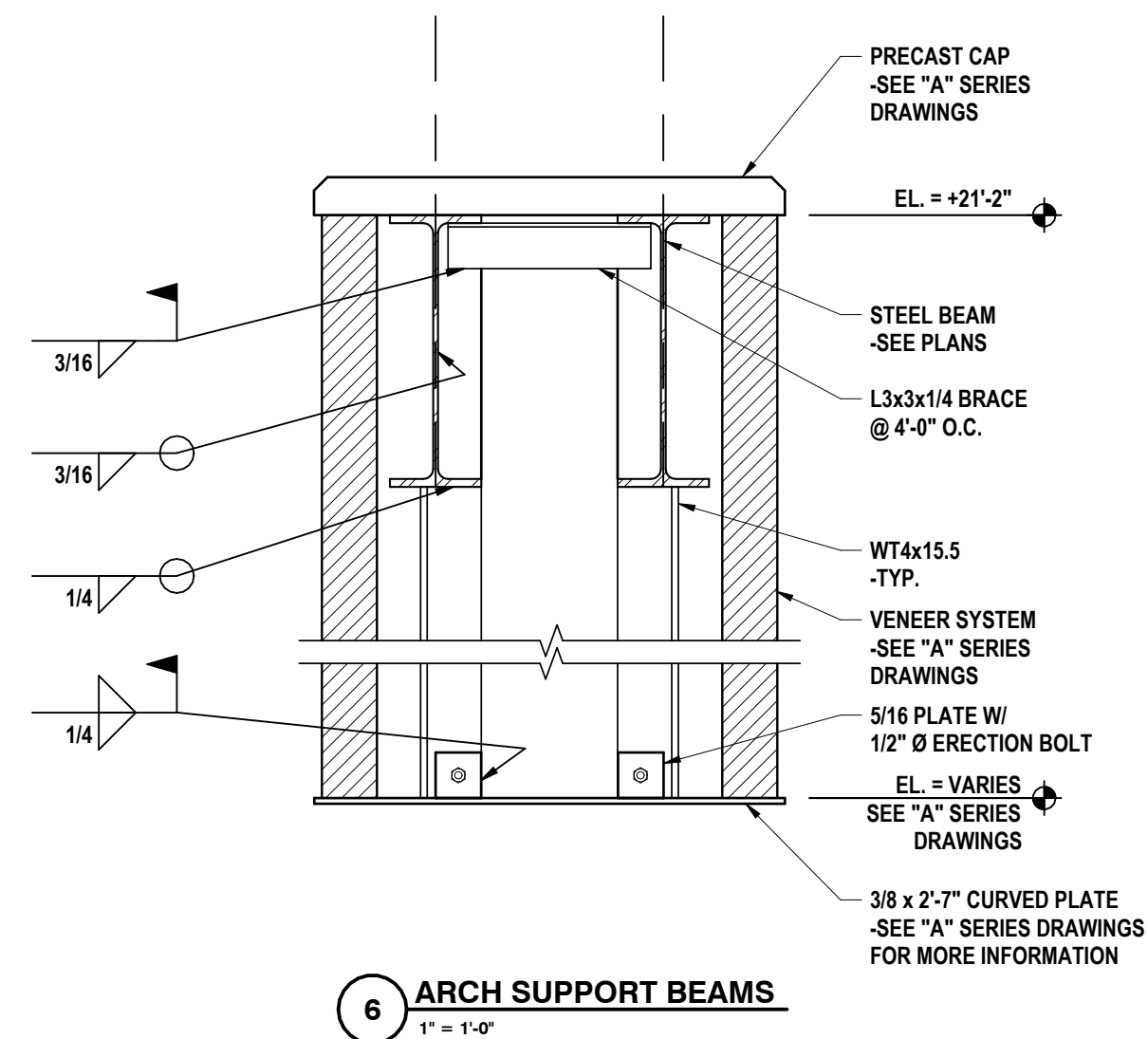


5. TOP OF FOOTING ELEVATION = (+4'-8") UNLESS NOTED.
6. SEE "A" SERIES DRAWINGS FOR DIMENSIONS NOT SHOWN.
7. 8" CMU WALL WITH #5 BARS AT 24" O.C. MINIMUM VERTICAL REINFORCEMENT IN FULLY GROUTED CORES. PROVIDE CONTINUOUS 8" BOND BEAM REINFORCED WITH (2) #5 BARS AT TOP OF WALLS AND EVERY 4'-0" O.C. REINFORCE EACH CORNER.

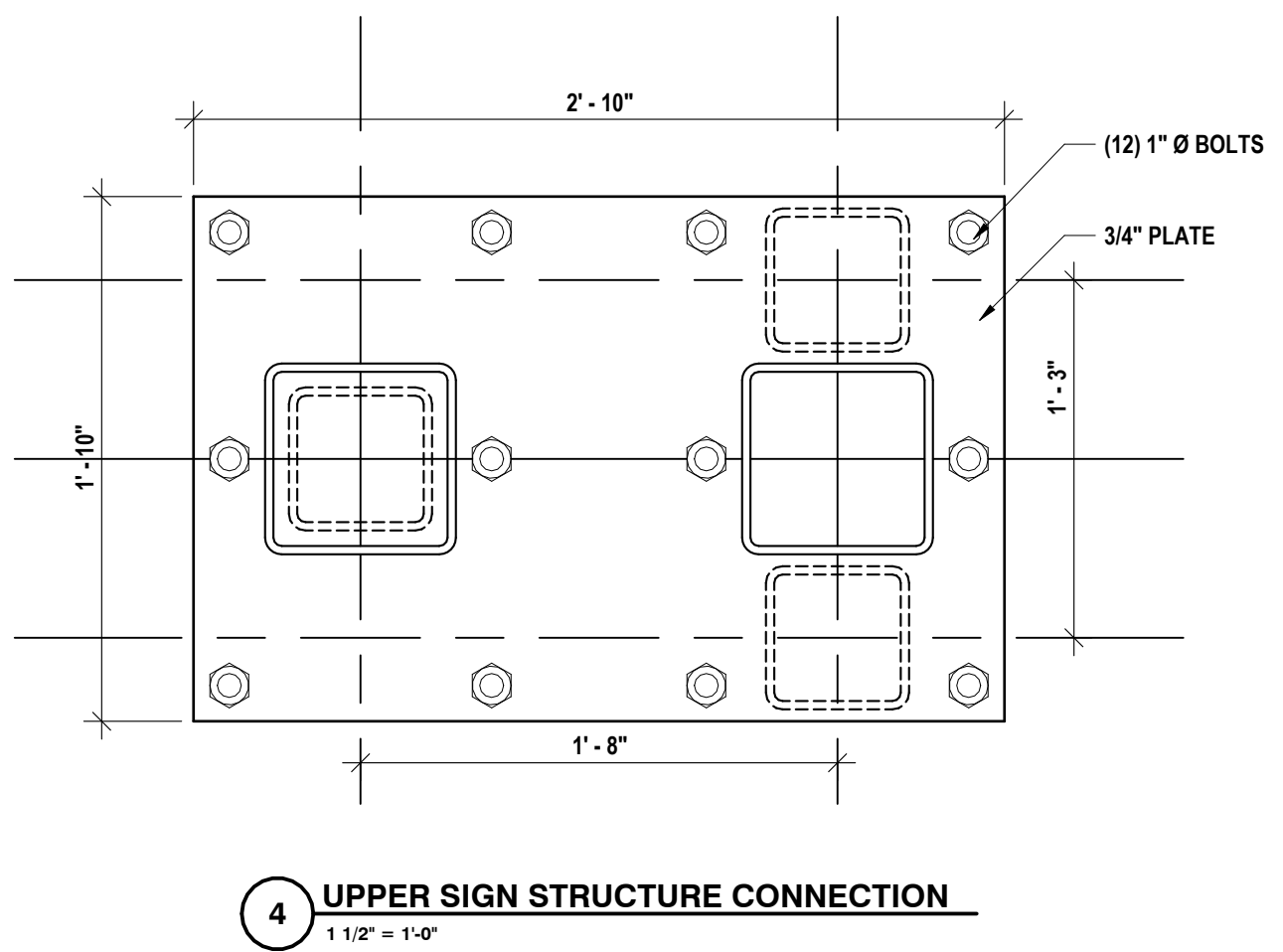


NOTES:
1. ALL TUBE CONNECTIONS TO BE WELDED UNLESS NOTED OTHERWISE.
2. SEE "A" SERIES DRAWINGS FOR MORE INFORMATION.

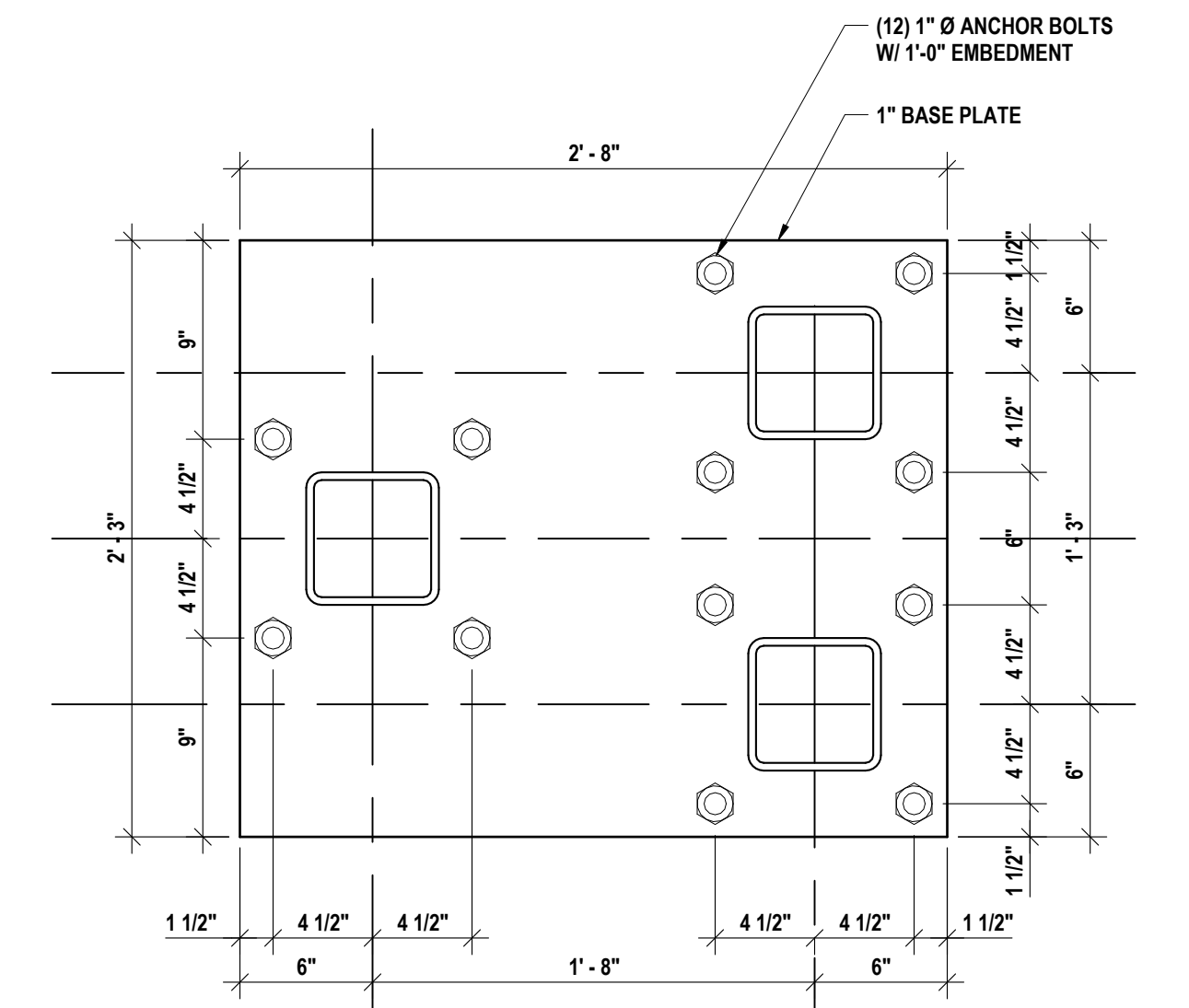
3 FRAMING ELEVATION
1/2" = 1'-0"



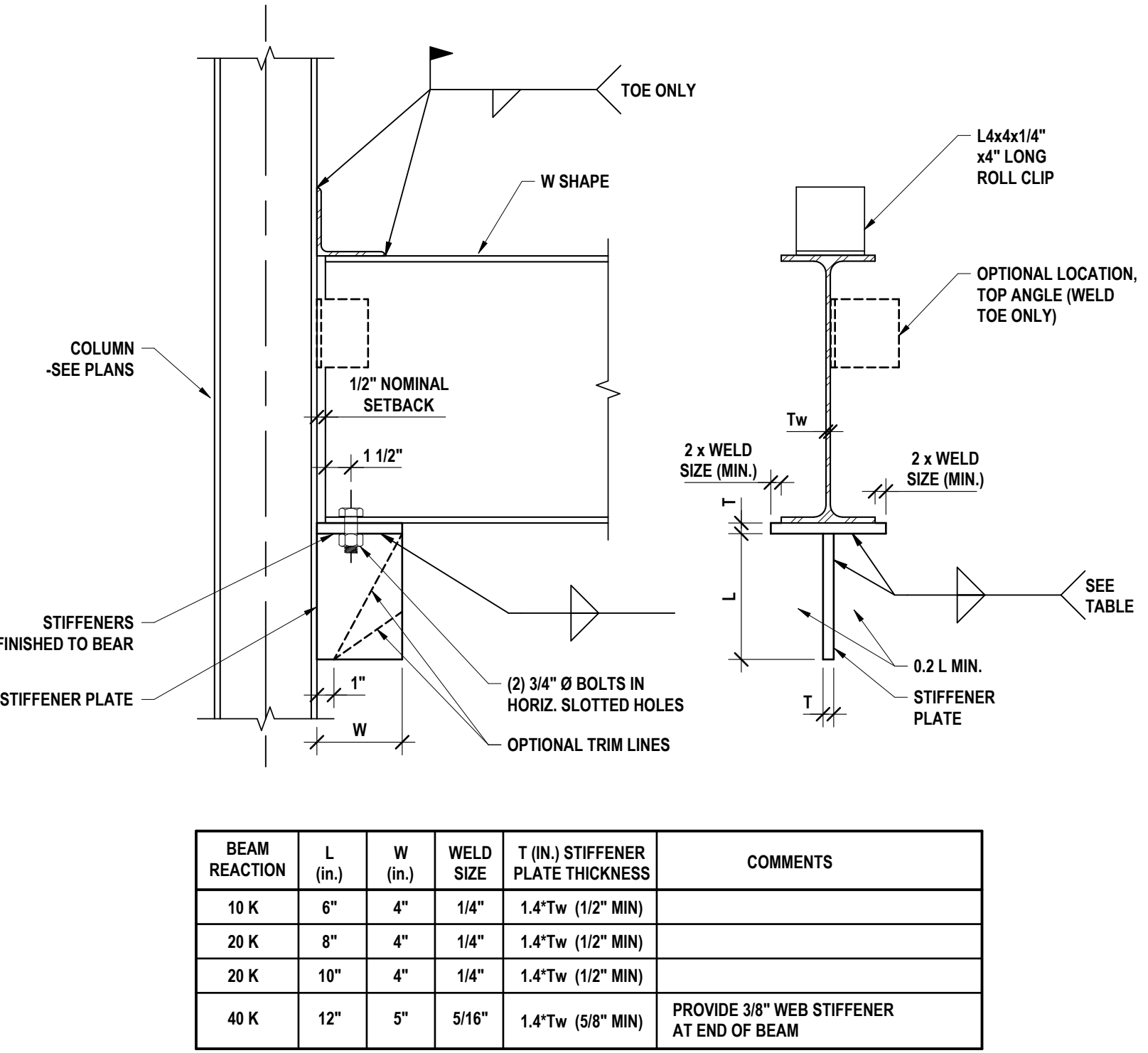
6 ARCH SUPPORT BEAMS
1" = 1'-0"



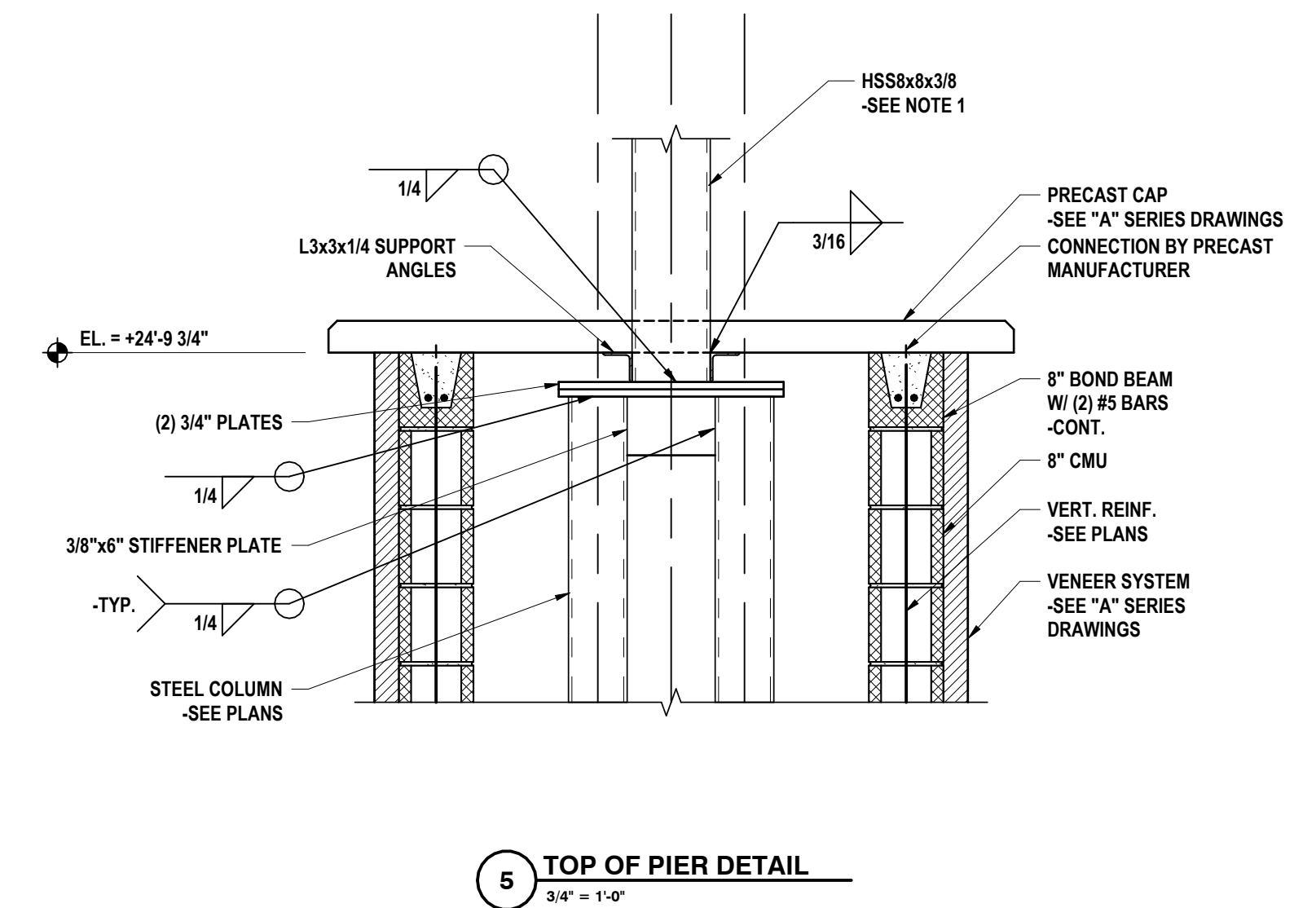
4 UPPER SIGN STRUCTURE CONNECTION
1 1/2" = 1'-0"



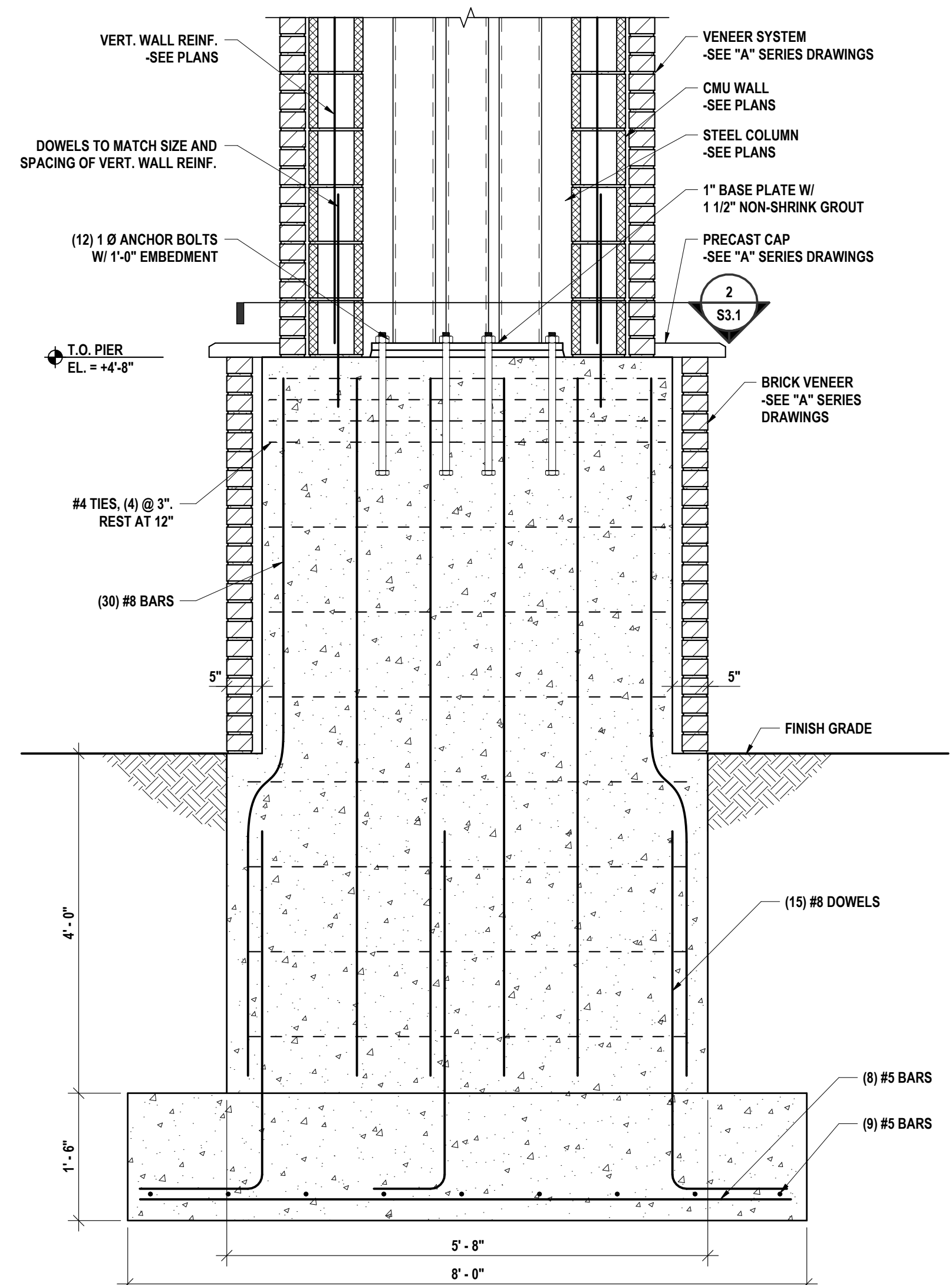
2 BASE PLATE
1 1/2" = 1'-0"



7 STIFFENED SEAT CONNECTION
1 1/2" = 1'-0"



5 TOP OF PIER DETAIL
3/4" = 1'-0"

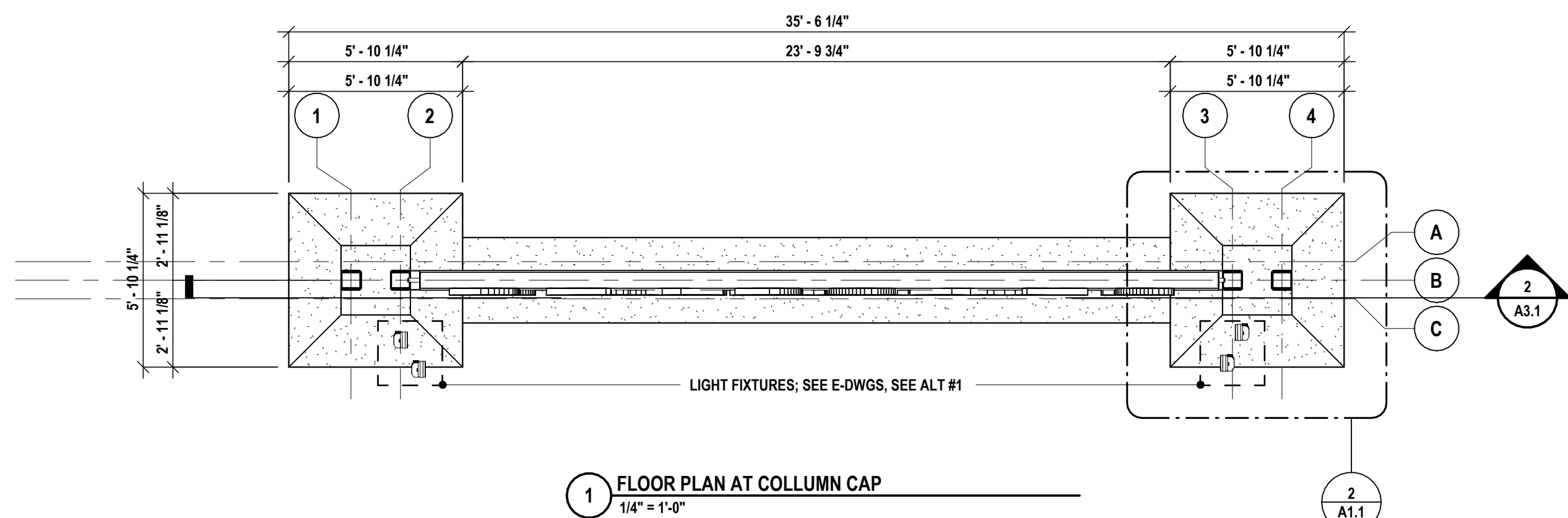
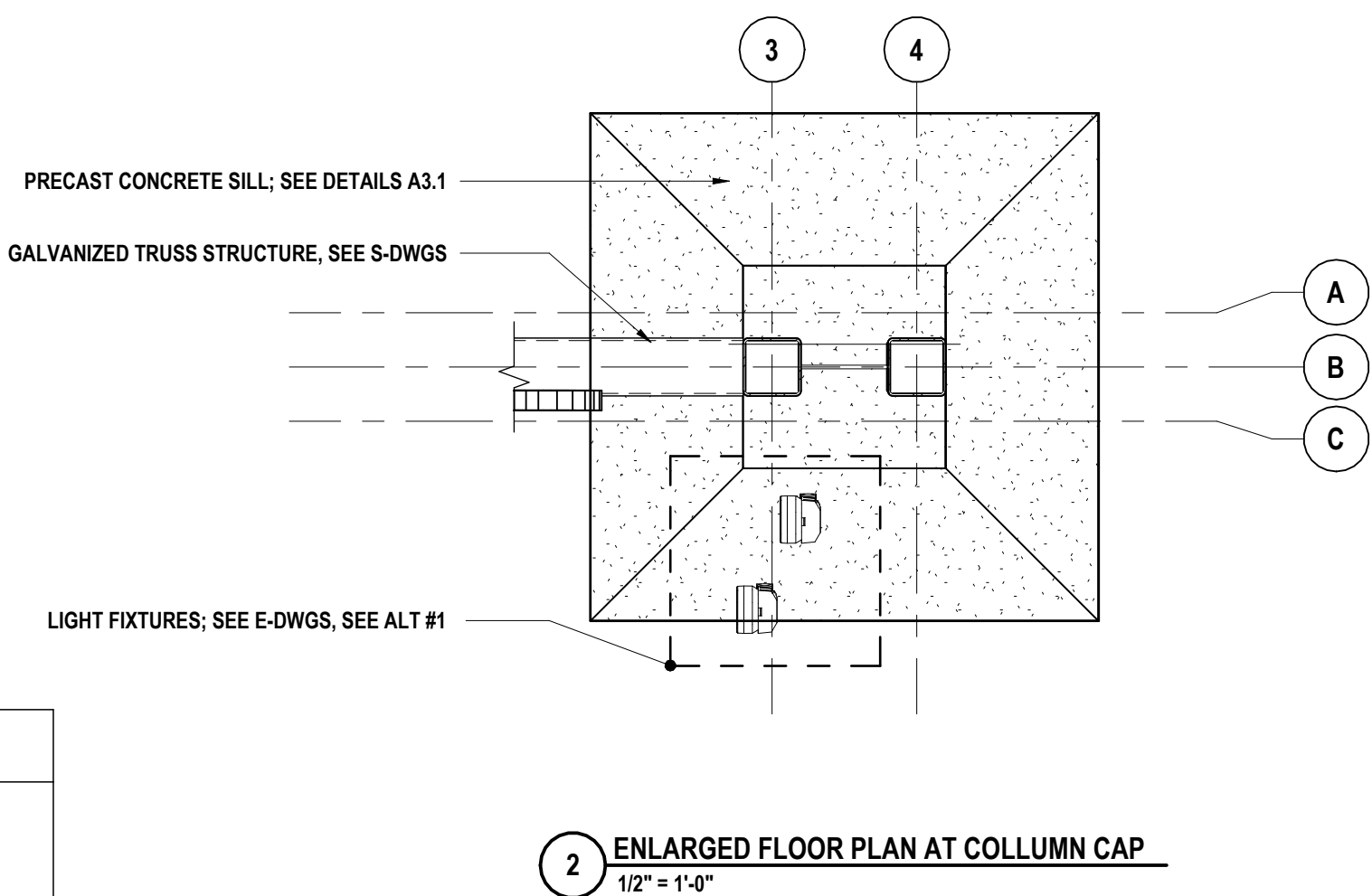
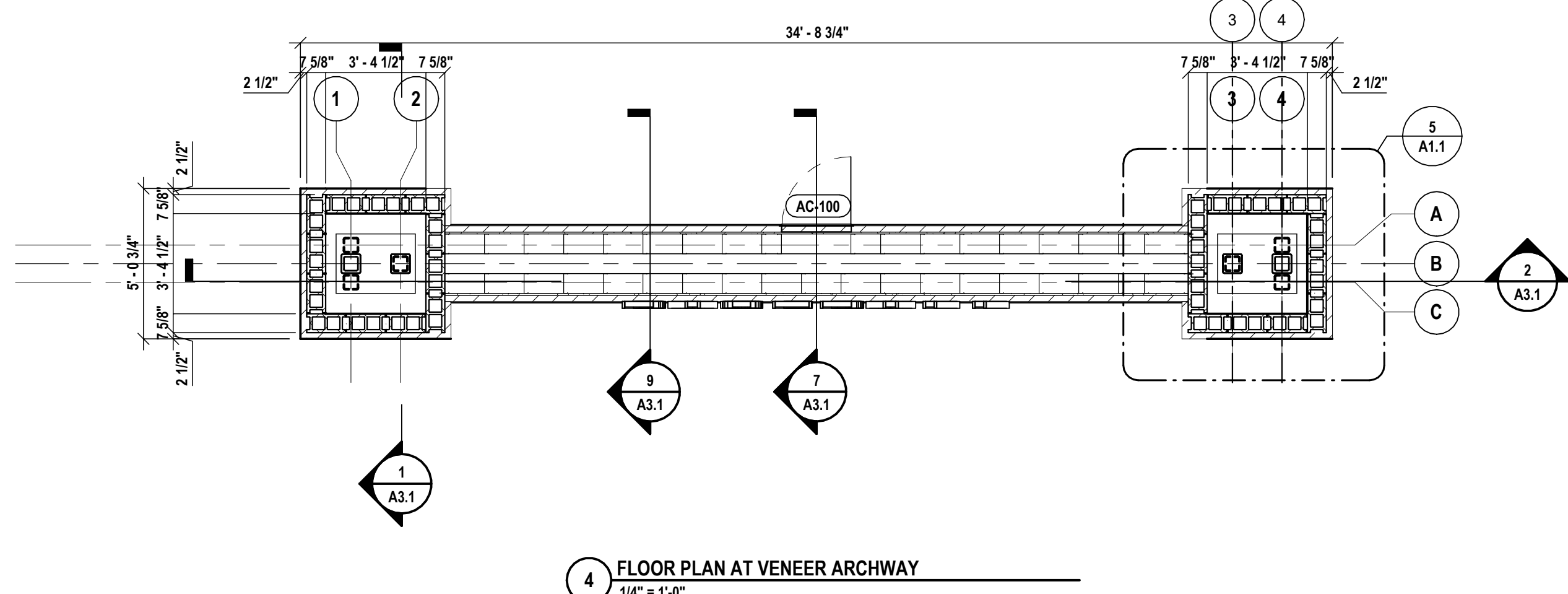
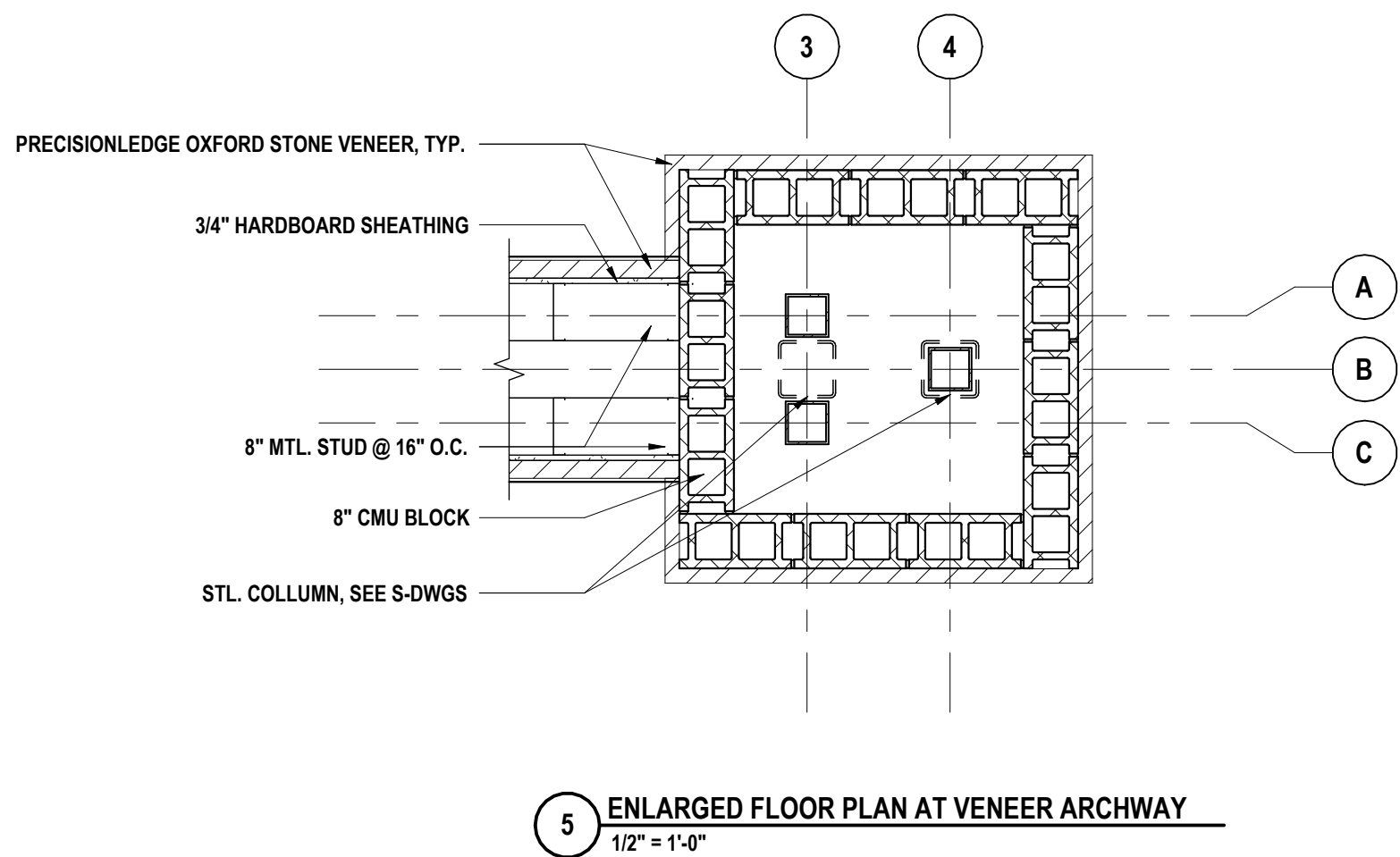
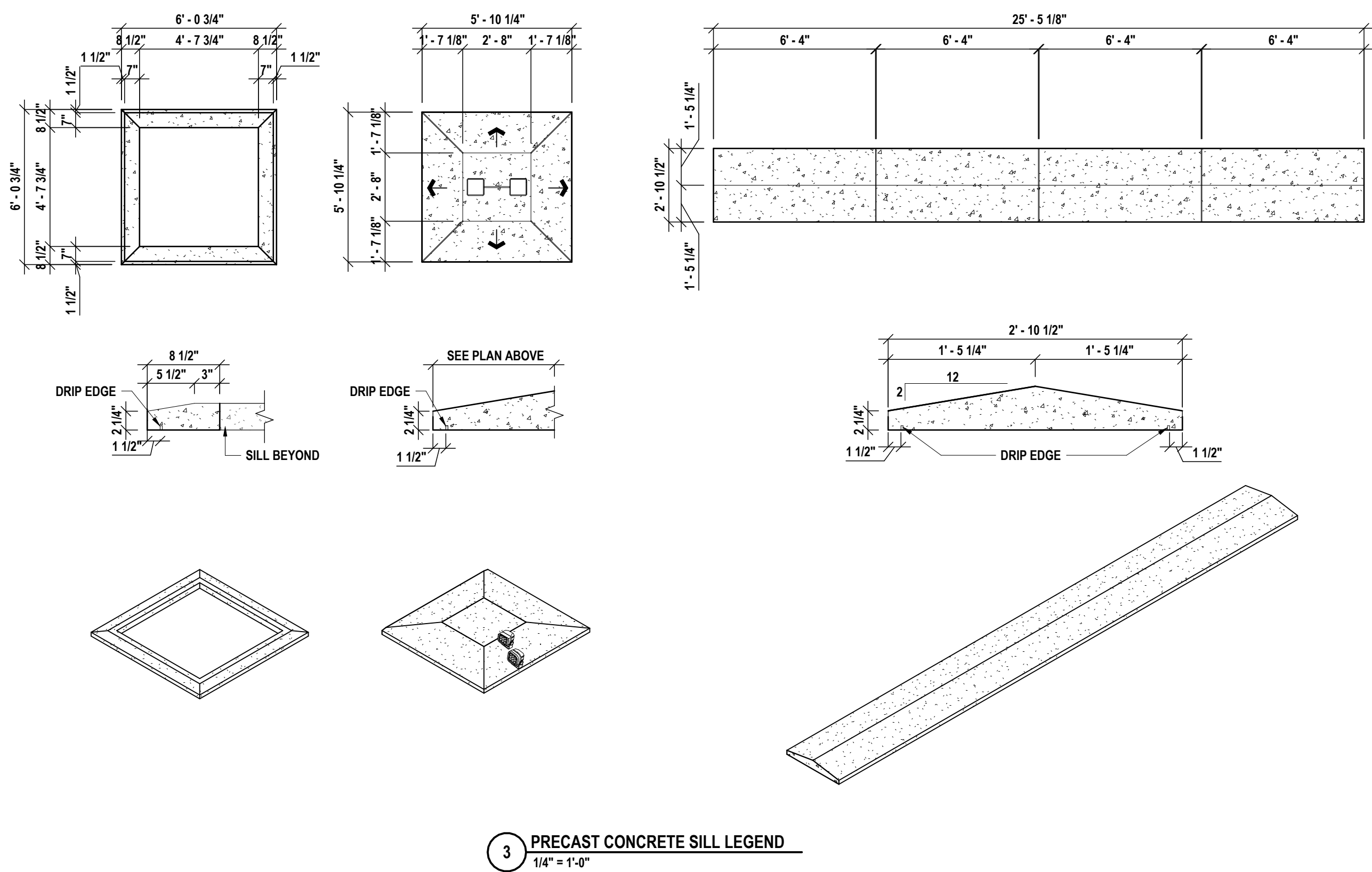
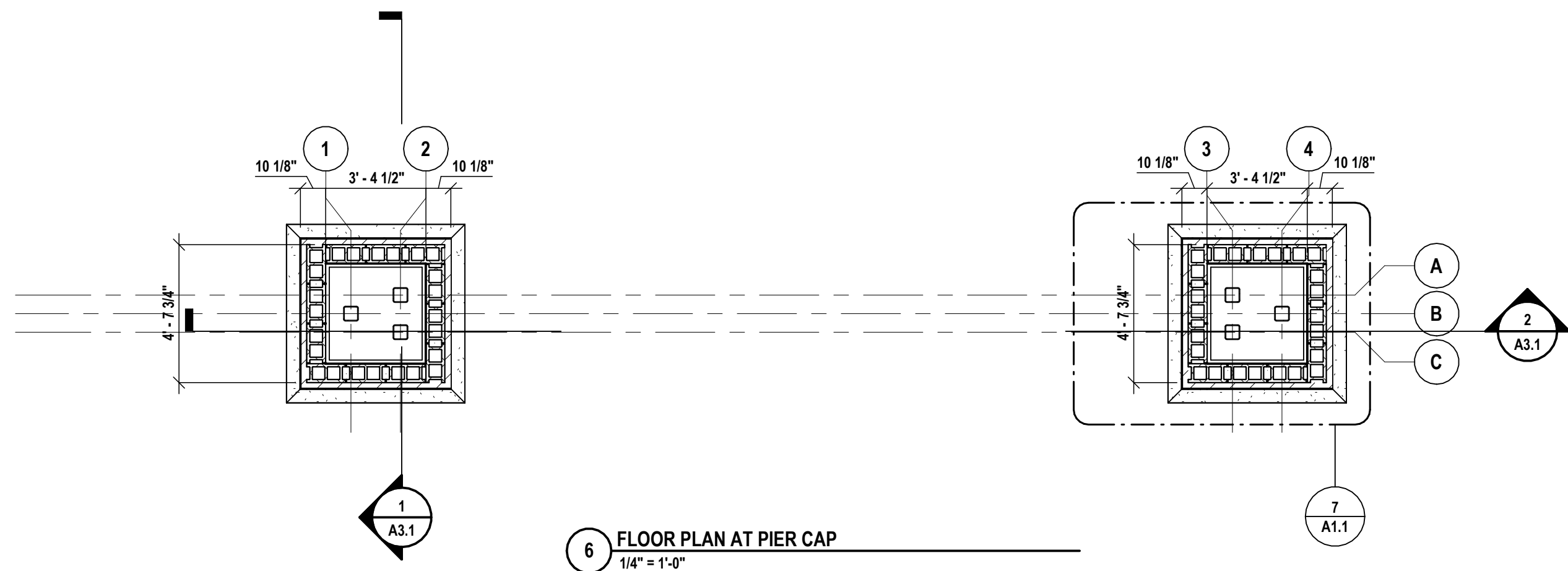
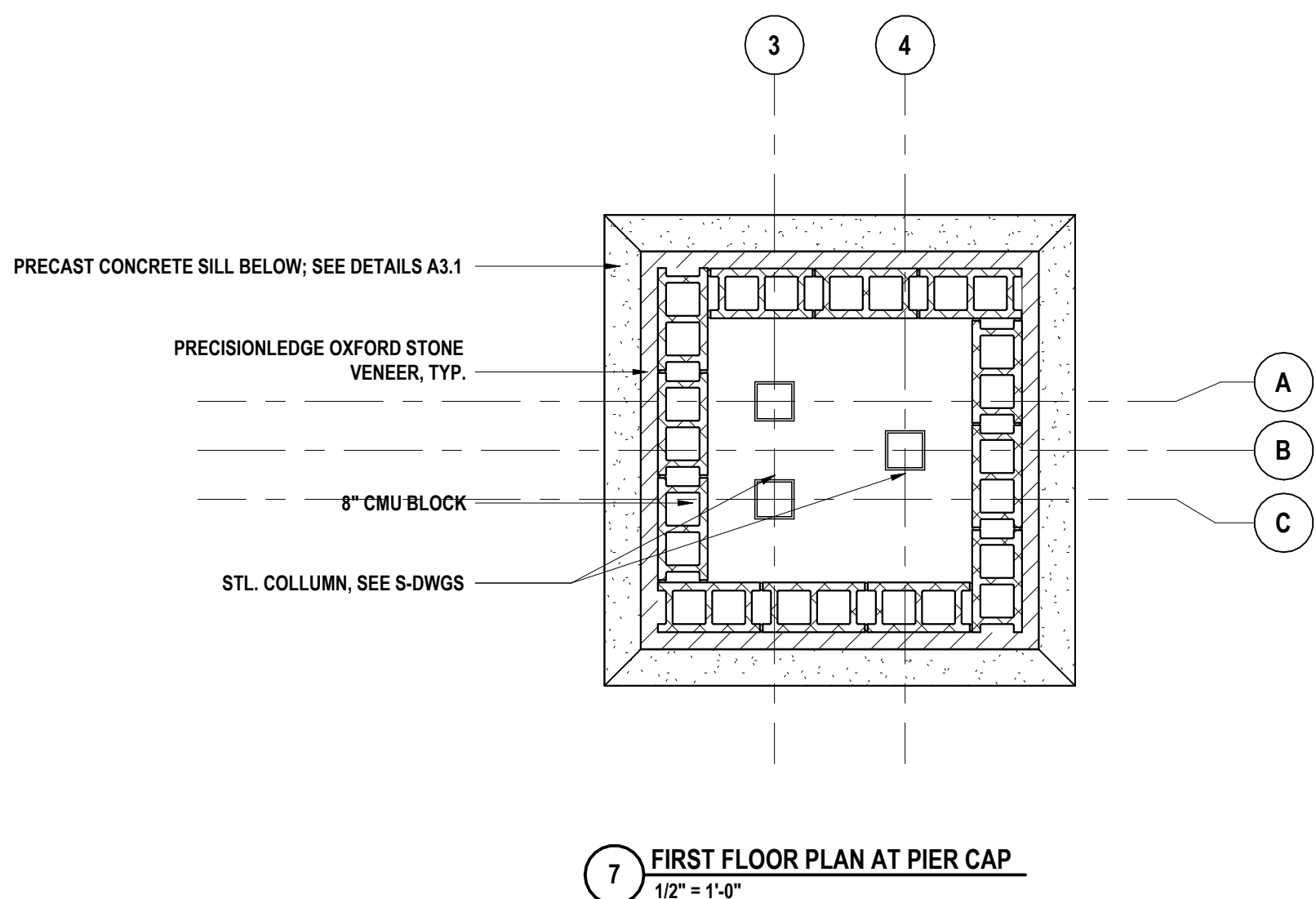
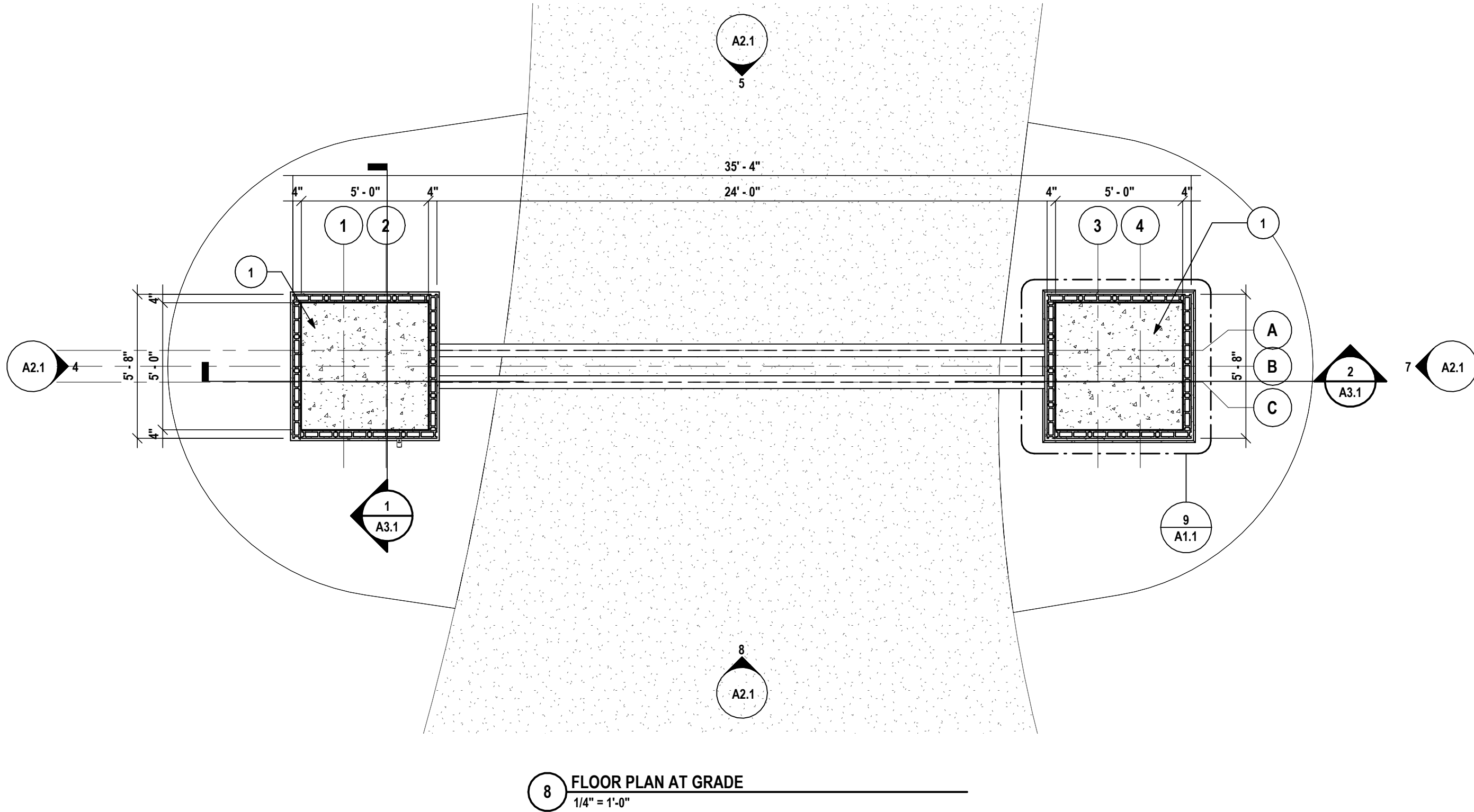
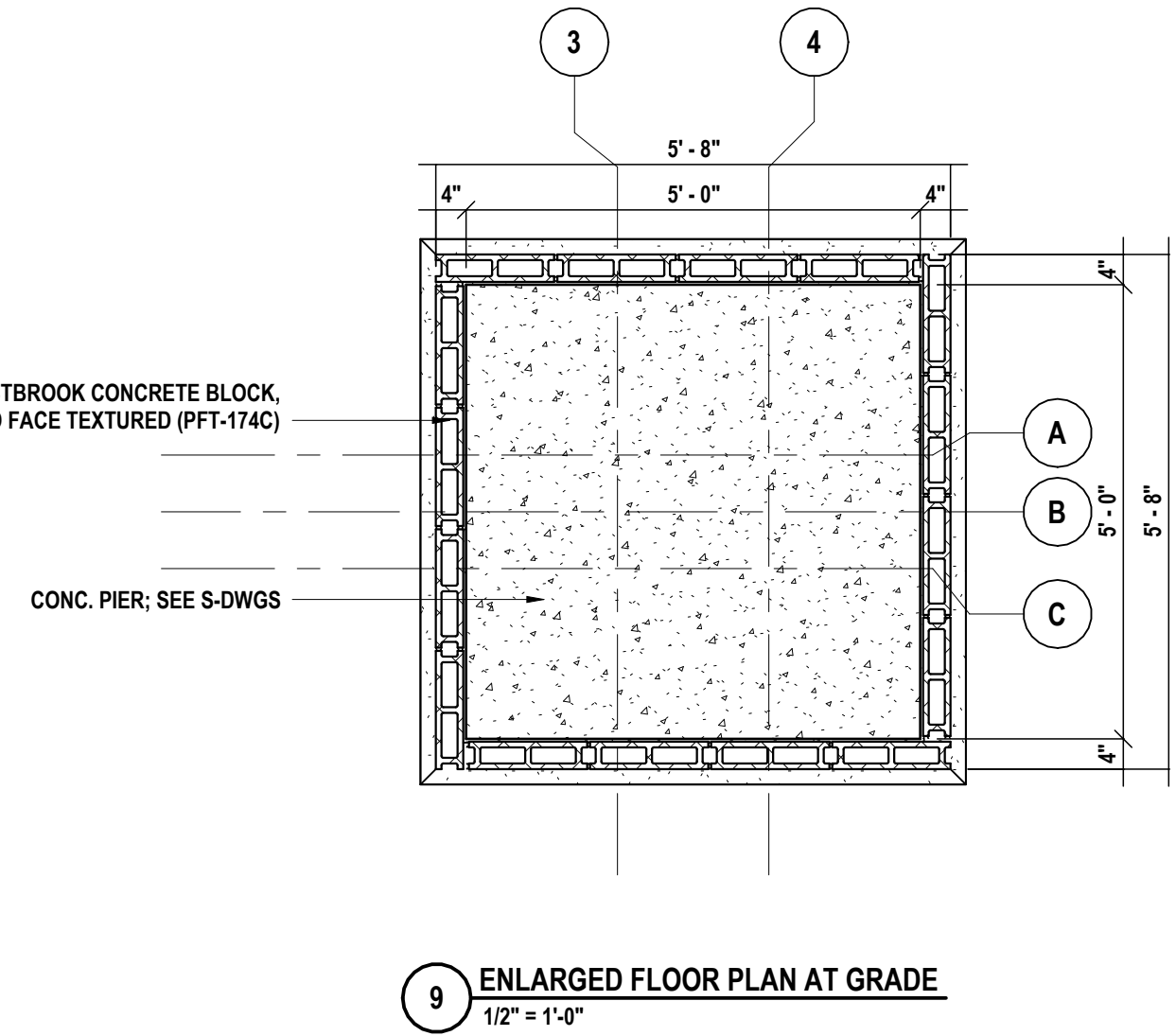


1 ARCH PIER AND FOOTING
3/4" = 1'-0"

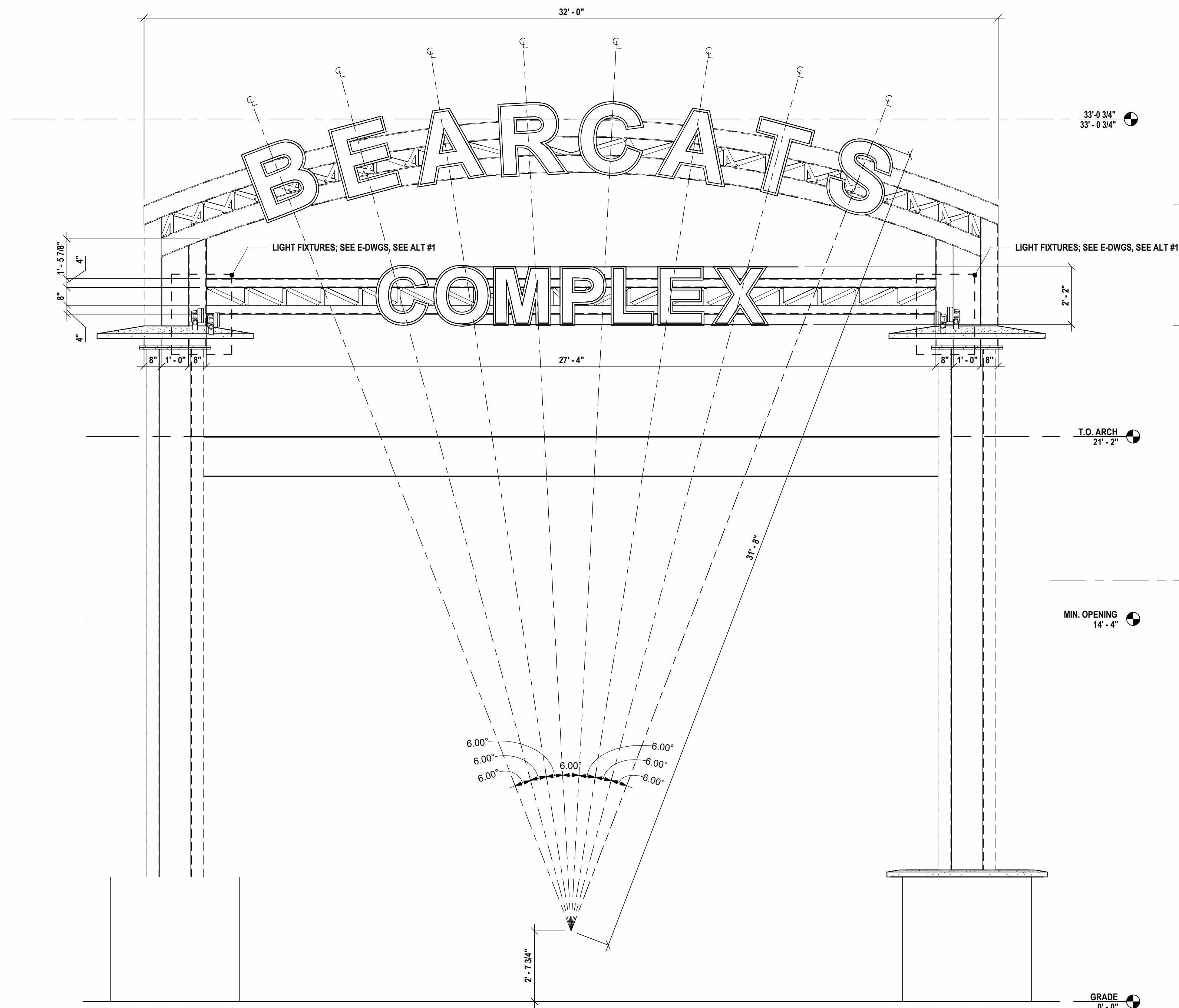
DRAWN BY: MKB	
CHECKED BY: NGB	
DATE: 06/12/2026	
PHASE: CD	
#	DATE:
	DESCRIPTION OF REVISION:
IT IS A VIOLATION OF THE LAW FOR ANY PERSON TO MAKE UNAUTHORIZED ALTERATIONS OR ADDITIONS TO PLANS DRAWN BY A LICENSED SURVEYOR. VIOLATORS WILL BE PROSECUTED TO THE FULL EXTENT OF THE LAW.	

GENERAL NOTES:

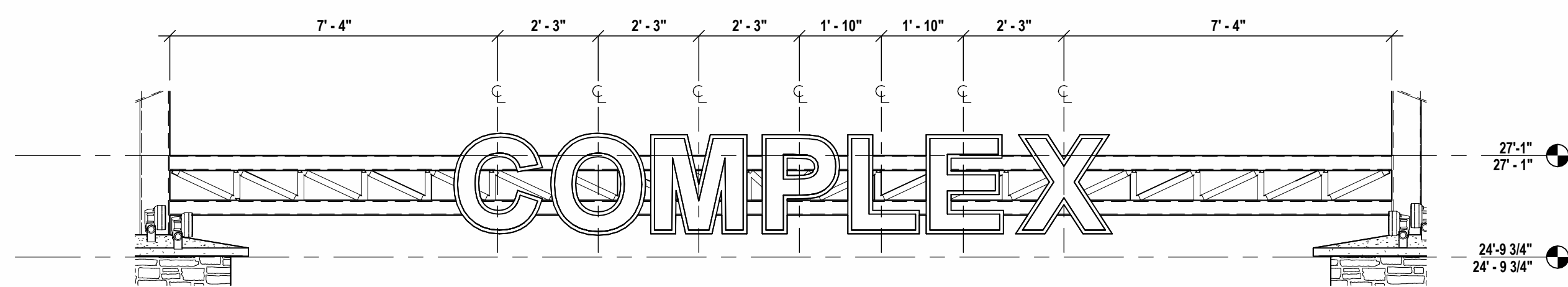
- A THE CONTRACTOR IS RESPONSIBLE FOR ALL WORK REQUIRED TO IMPLEMENT THE WORK OF THE CONTRACT, REGARDLESS OF WHETHER SPECIFICALLY INDICATED OR NOT, UNLESS NOTED OTHERWISE.
- B THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS IN THE FIELD PRIOR TO COMMENCING ANY WORK AND NOTIFY ARCHITECT 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 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.
- E ITEMS SHOWN ARE INTENDED TO GIVE APPROXIMATE QUANTITY, LOCATION & TYPE. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ACTUAL QUANTITY & EXISTING FIELD CONDITIONS.
- F ALL DIMENSIONS ARE TAKEN FROM FACE OF WALL TO FACE OF WALL, UNLESS NOTED OTHERWISE.
- G THERE SHALL BE A MINIMUM OF 1'-6" 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.
- H 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.



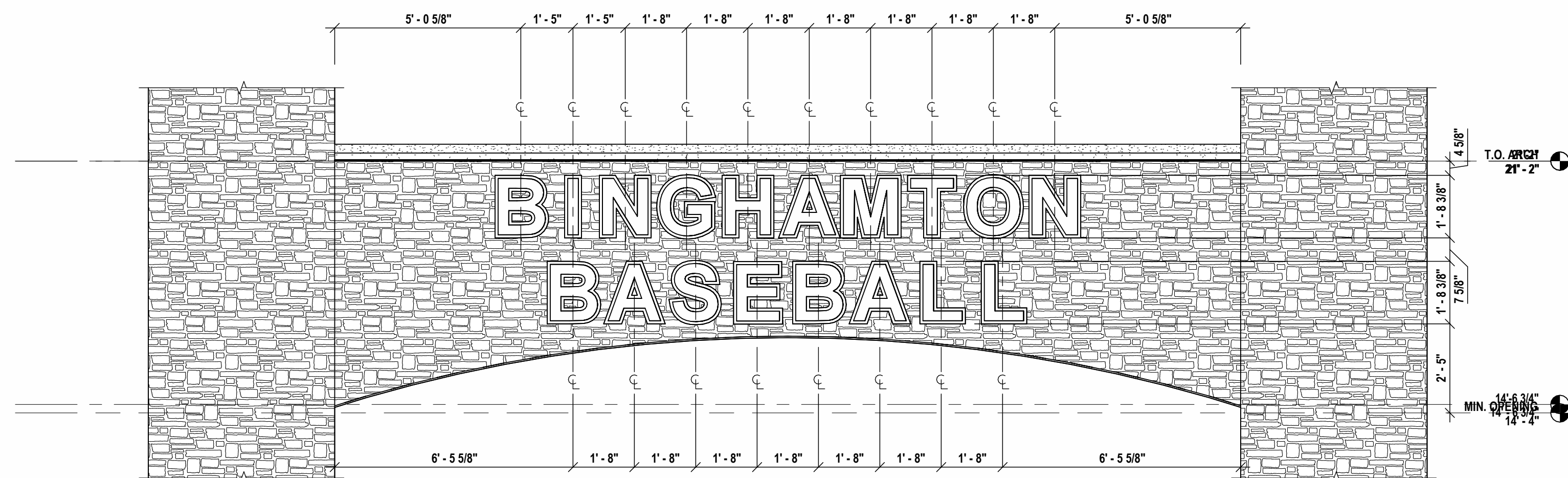
DOOR SCHEDULE															
#	DOOR					ASSEMBLY LABEL	HDWR SET	FRAME			DETAIL			NOTES	
	TYPE	SIZE	THICK.	MATL.	FINISH			TYPE	MATL.	FINISH	HEAD	JAMB	SILL		
AC-100			2' - 6"	3"	SS	SATIN	--	BY MANUF.		SS	SATIN	BY MANUF.	BY MANUF.	BY MANUF.	ACUDOR TD-5025



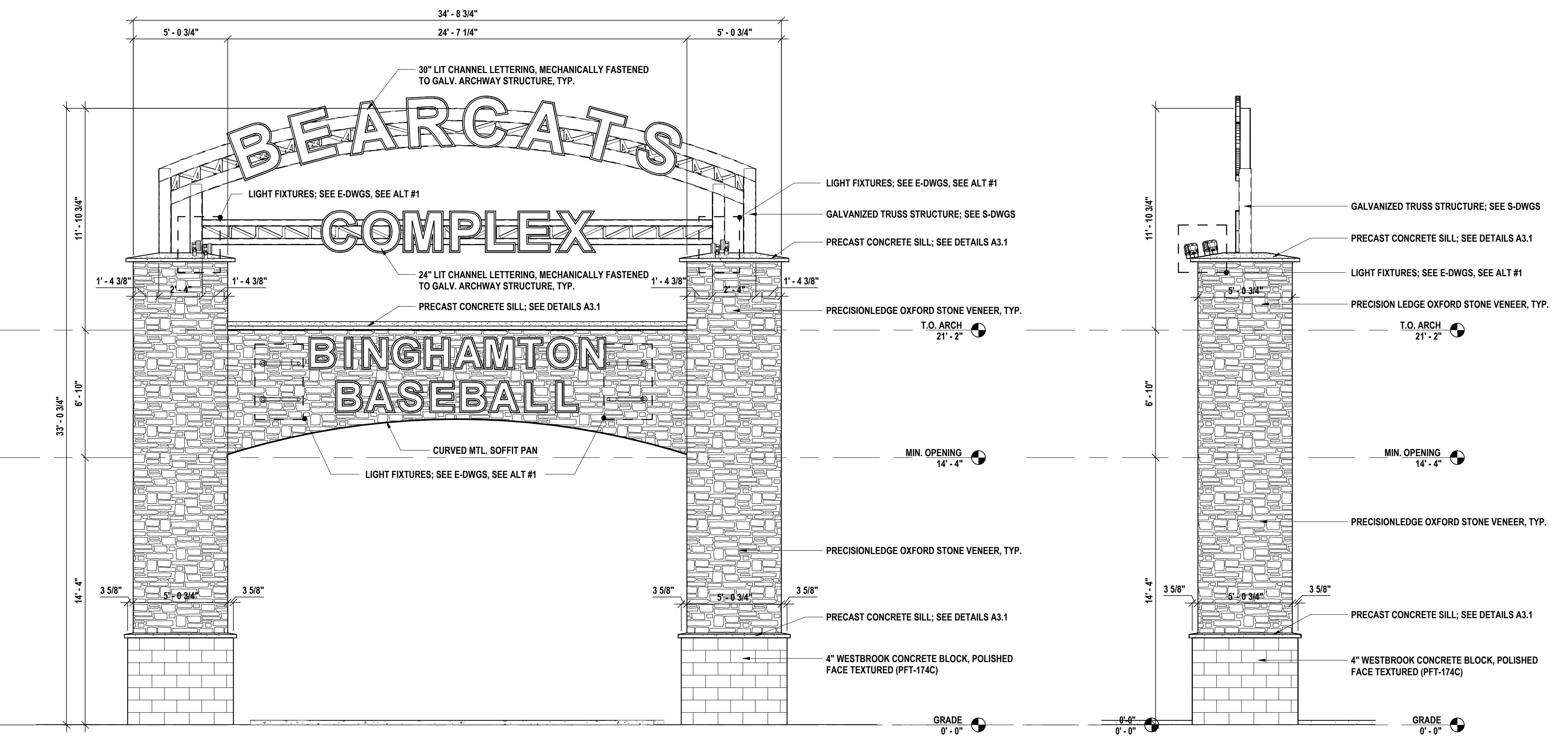
9 ENLARGED BEARCATS LETTERING ELEVATION
3/8" = 1'-0"



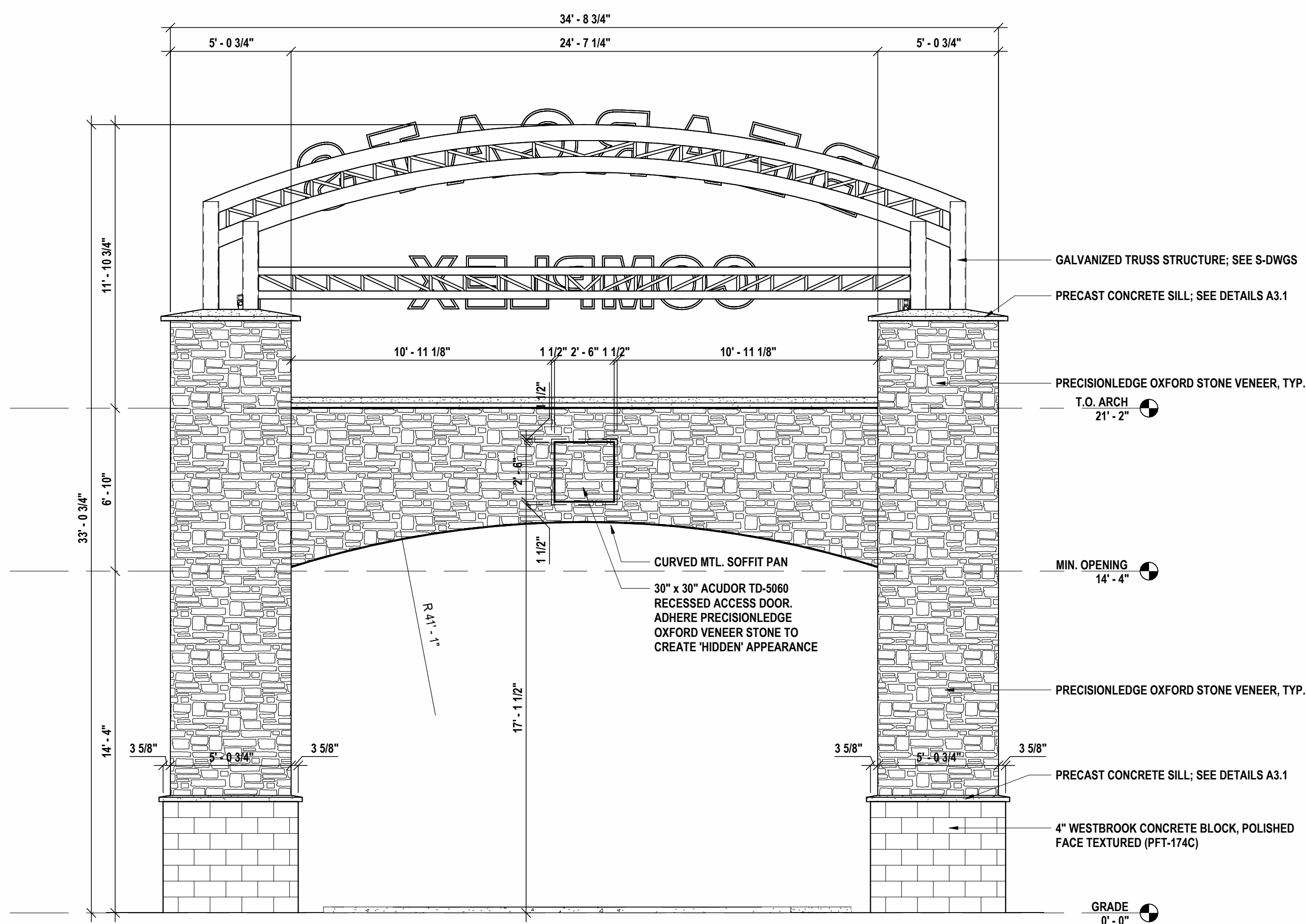
6 ENLARGED COMPLEX LETTERING ELEVATION
3/8" = 1'-0"



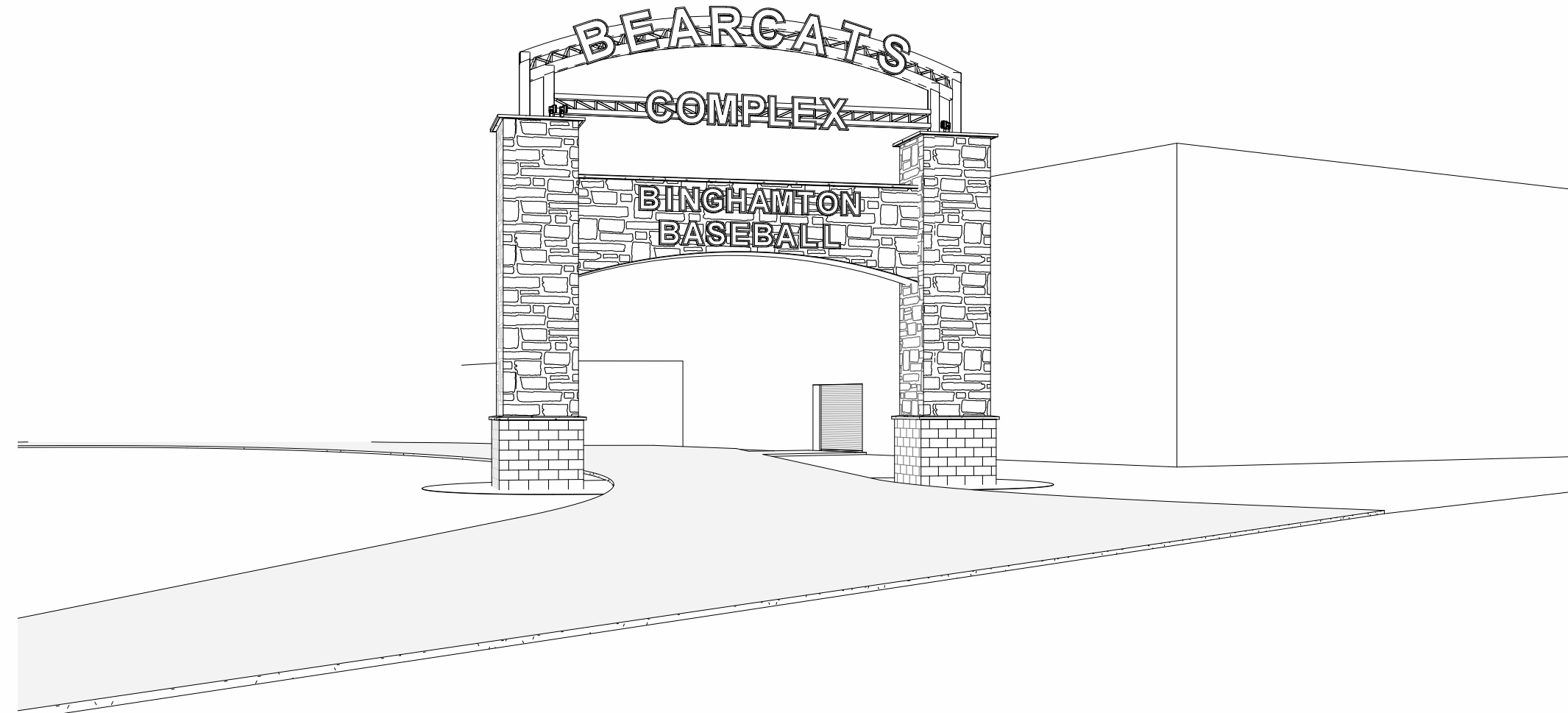
3 ENLARGED VENEER ARCHWAY LETTERING ELEVATION
3/8" = 1'-0"



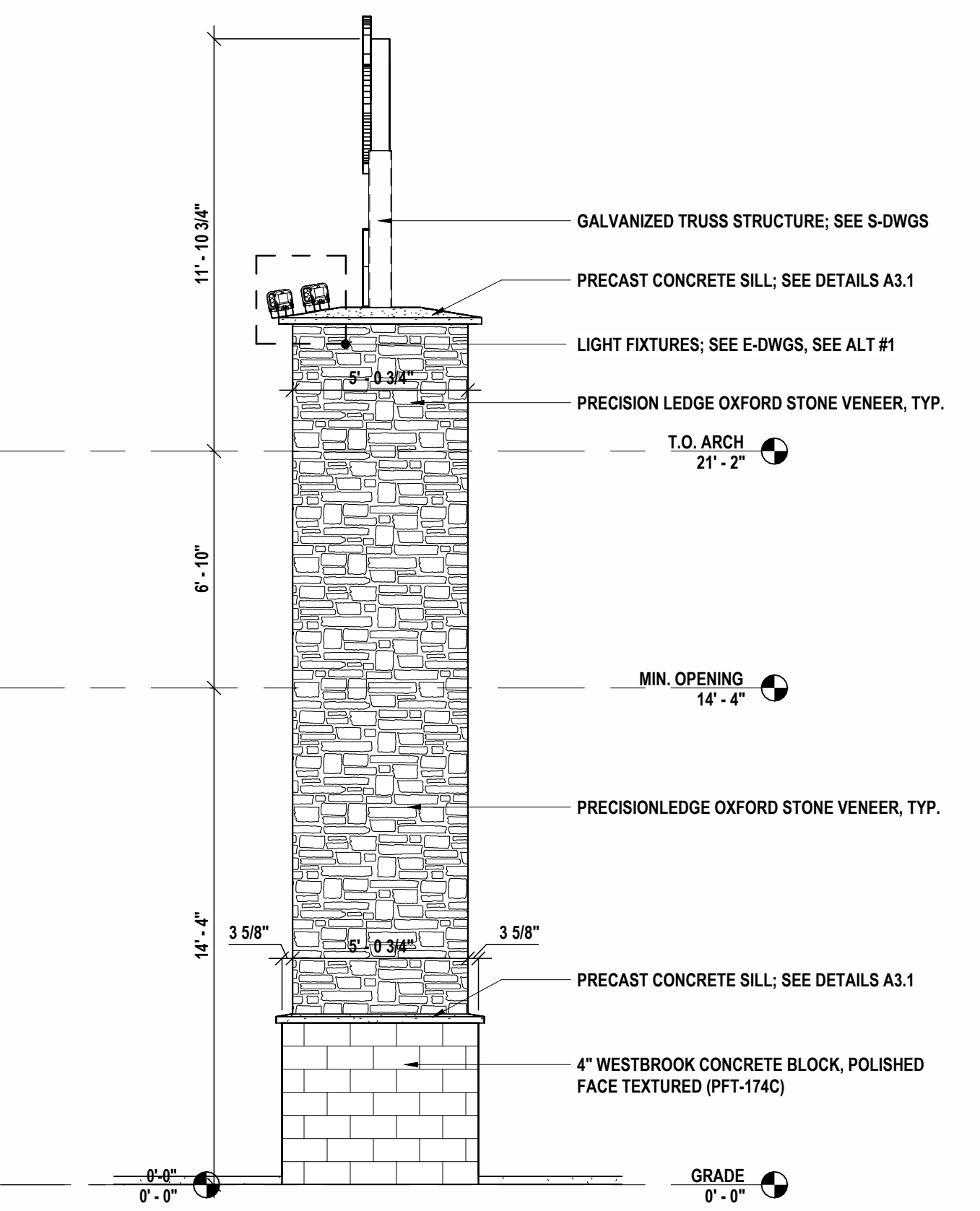
8 SOUTH EXTERIOR ELEVATION
1/4" = 1'-0"



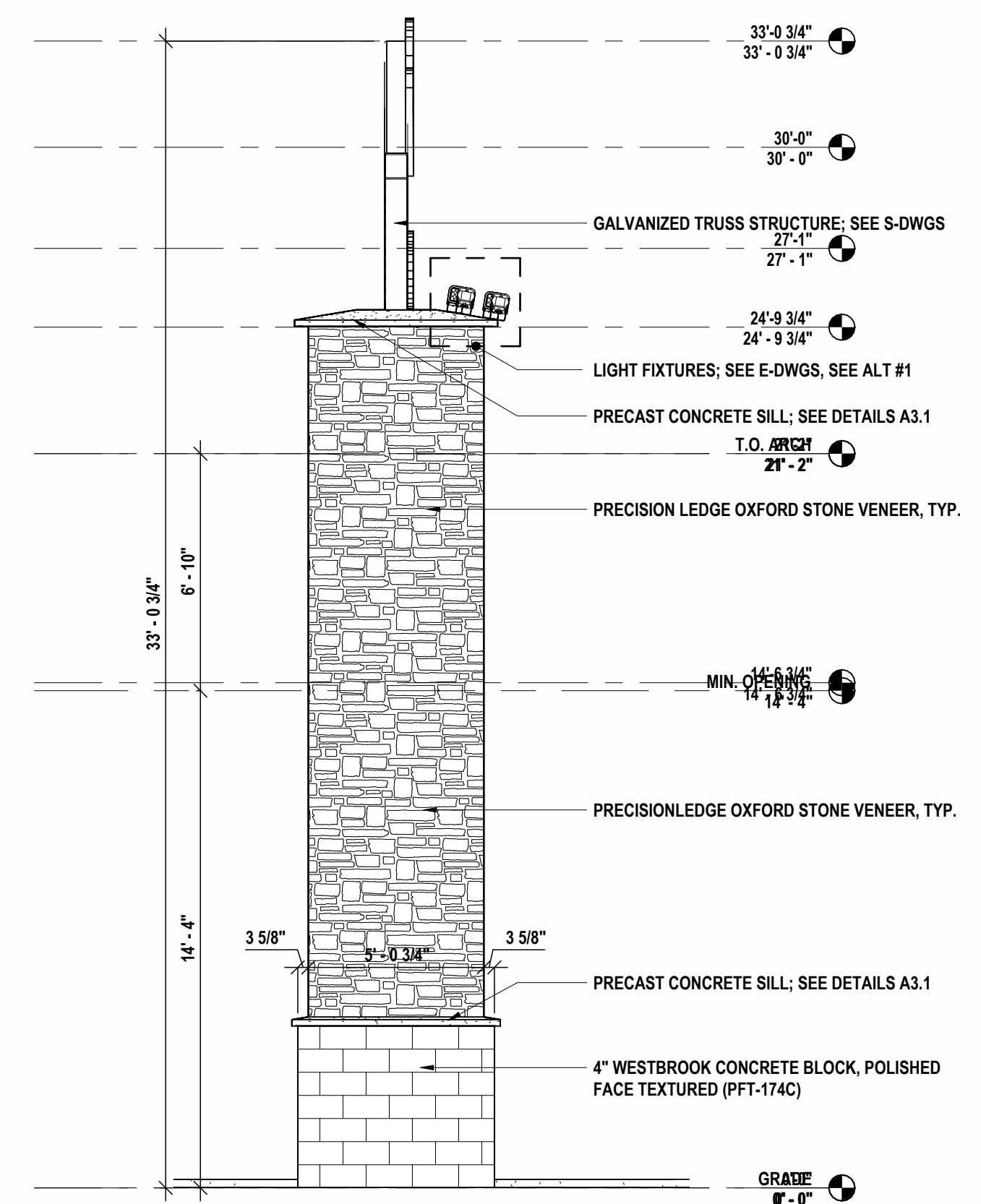
5 NORTH EXTERIOR ELEVATION
1/4" = 1'-0"



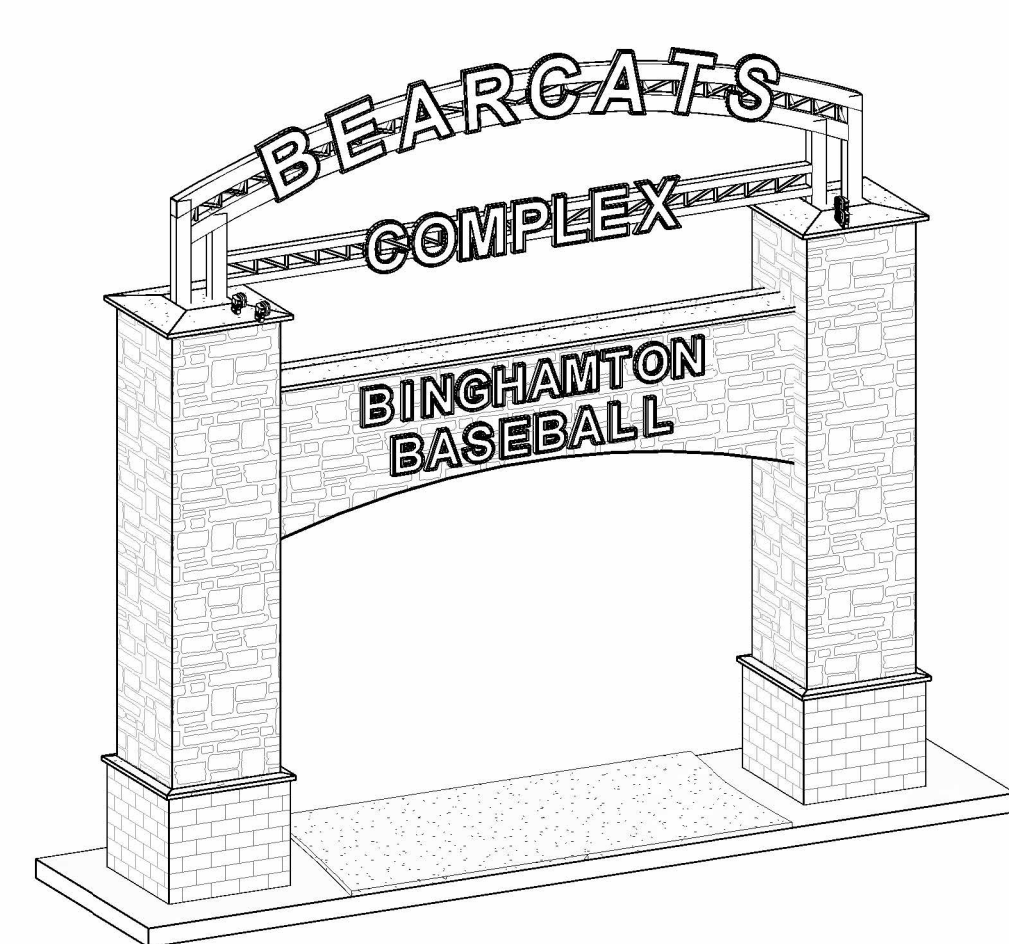
2 3D PEDESTRIAN VIEW



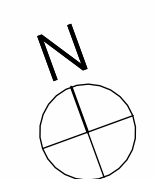
7 EAST EXTERIOR ELEVATION
1/4" = 1'-0"

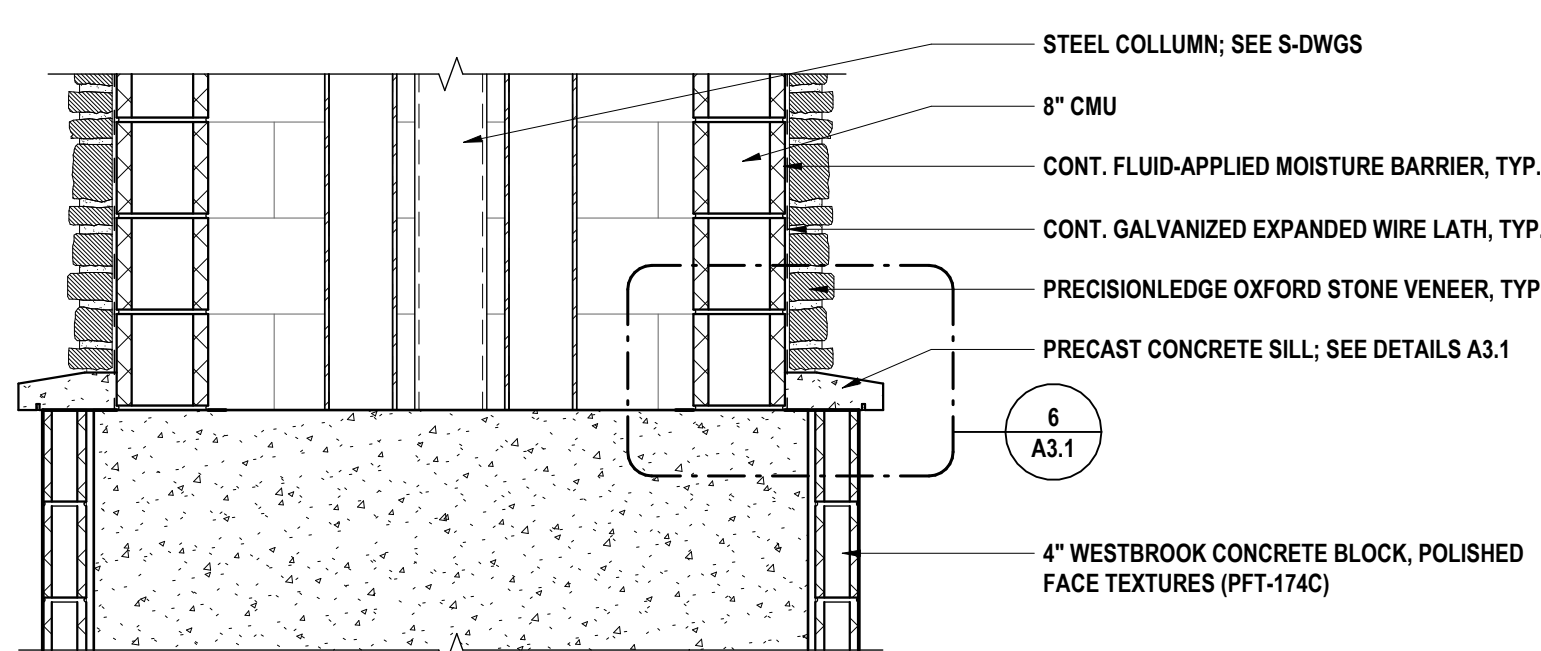


4 WEST EXTERIOR ELEVATION
1/4" = 1'-0"

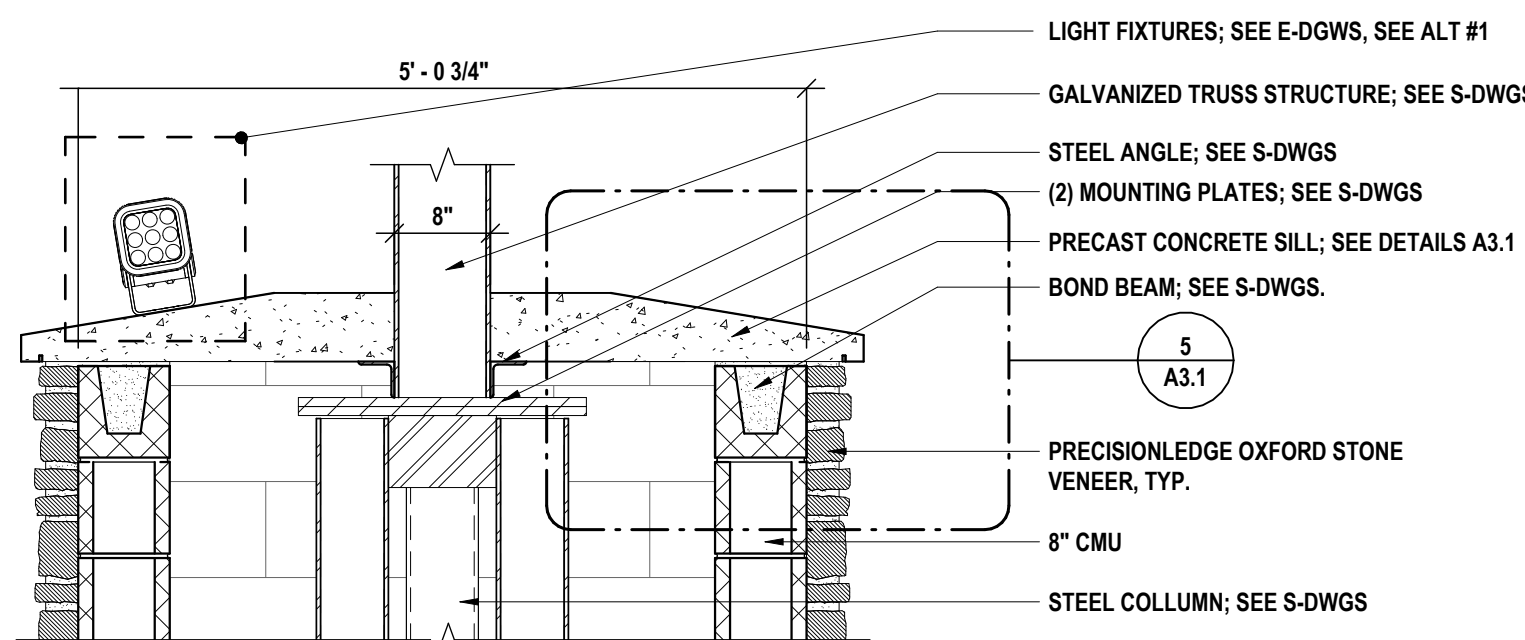


1 3D PERSPECTIVE

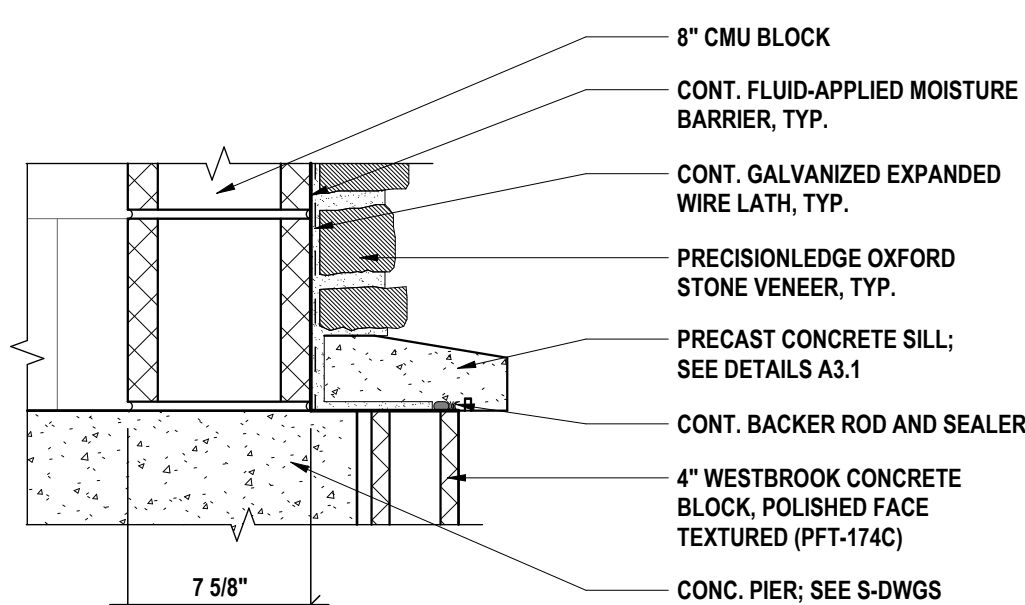




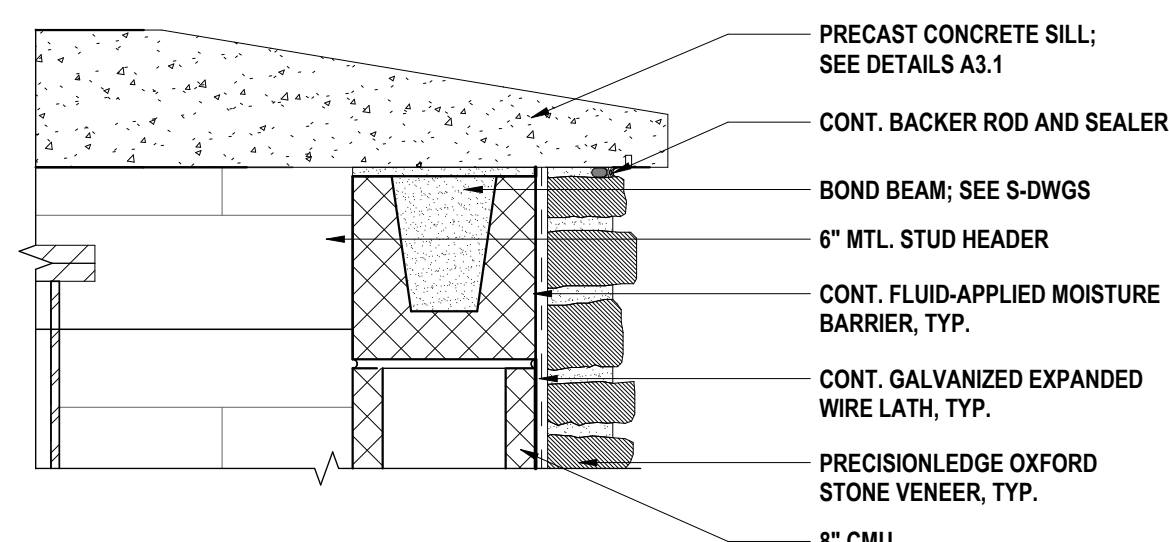
11 LOWER PRECAST CAP DETAIL
3/4" = 1'-0"



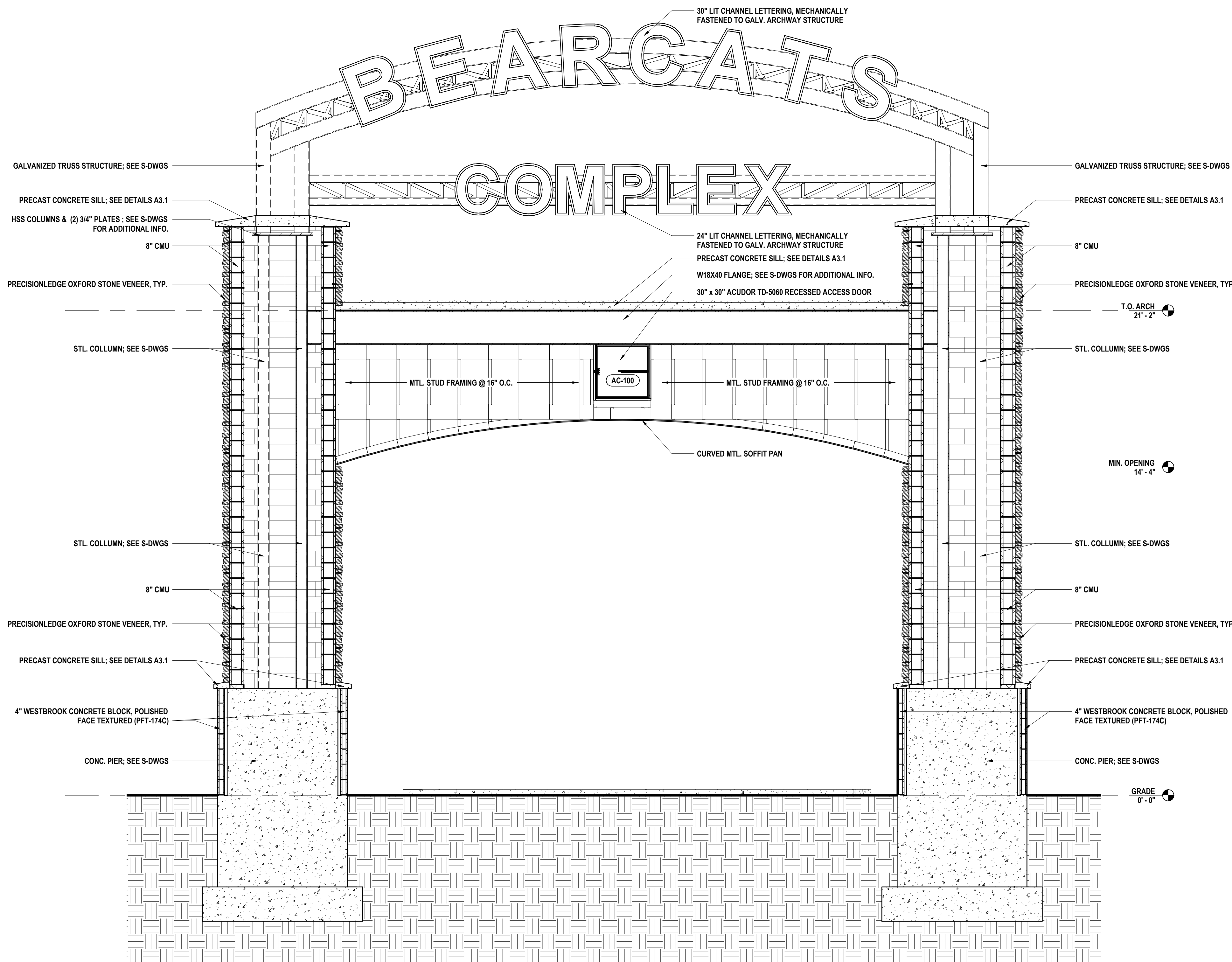
10 UPPER PRECAST CAP DETAIL
3/4" = 1'-0"



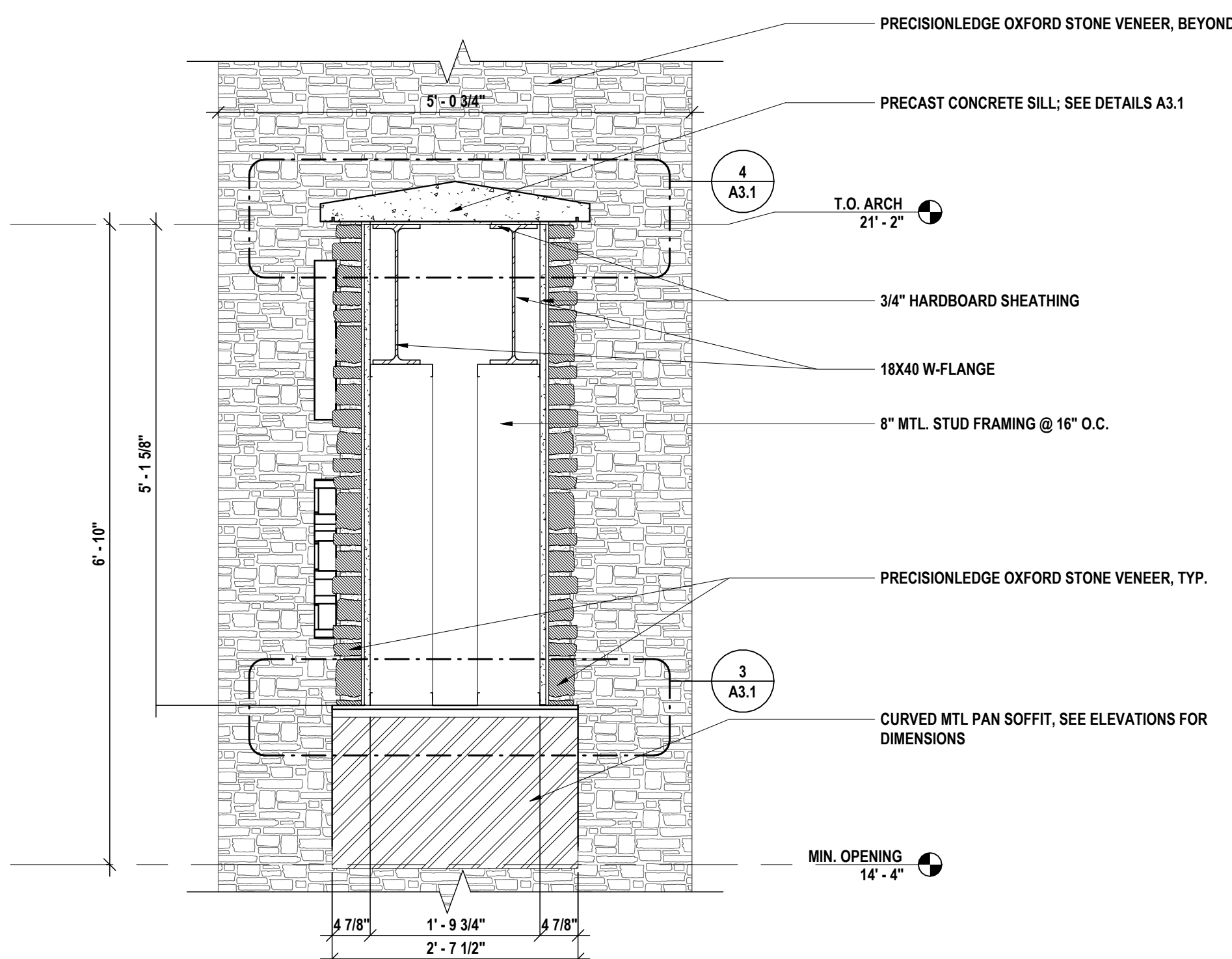
6 ENLARGED LOWER PRECAST CAP DETAIL
1 1/2" = 1'-0"



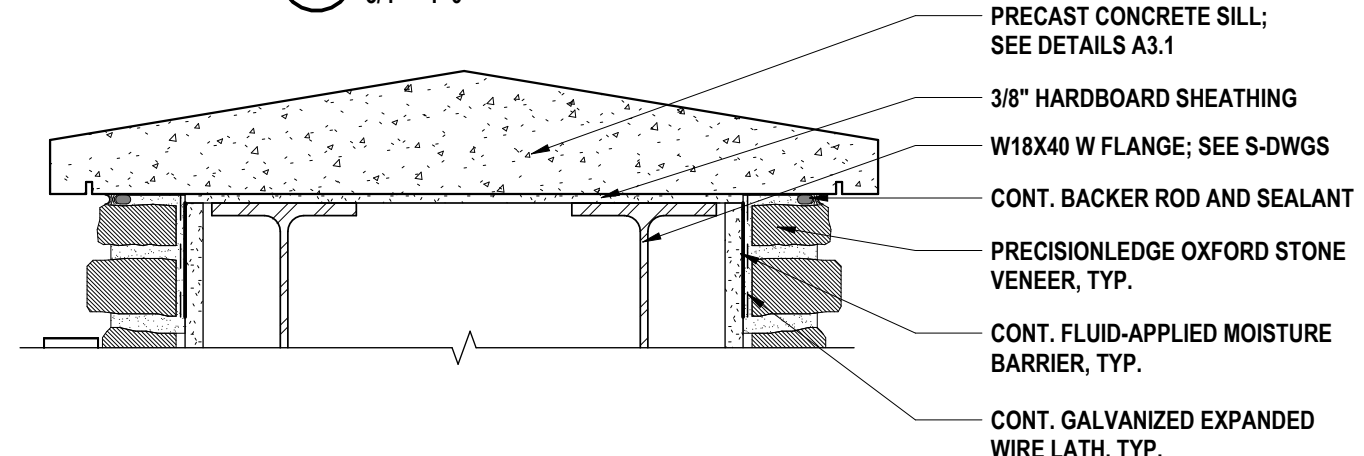
5 ENLARGED UPPER PRECAST CAP DETAIL
1 1/2" = 1'-0"



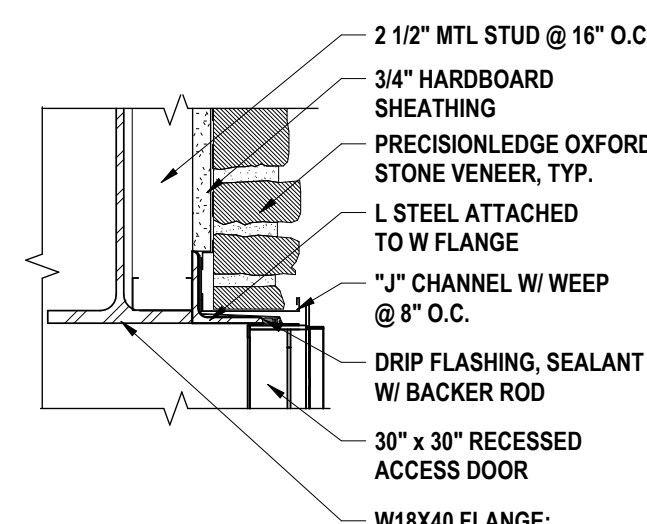
2 ARCHWAY SECTION
3/8" = 1'-0"



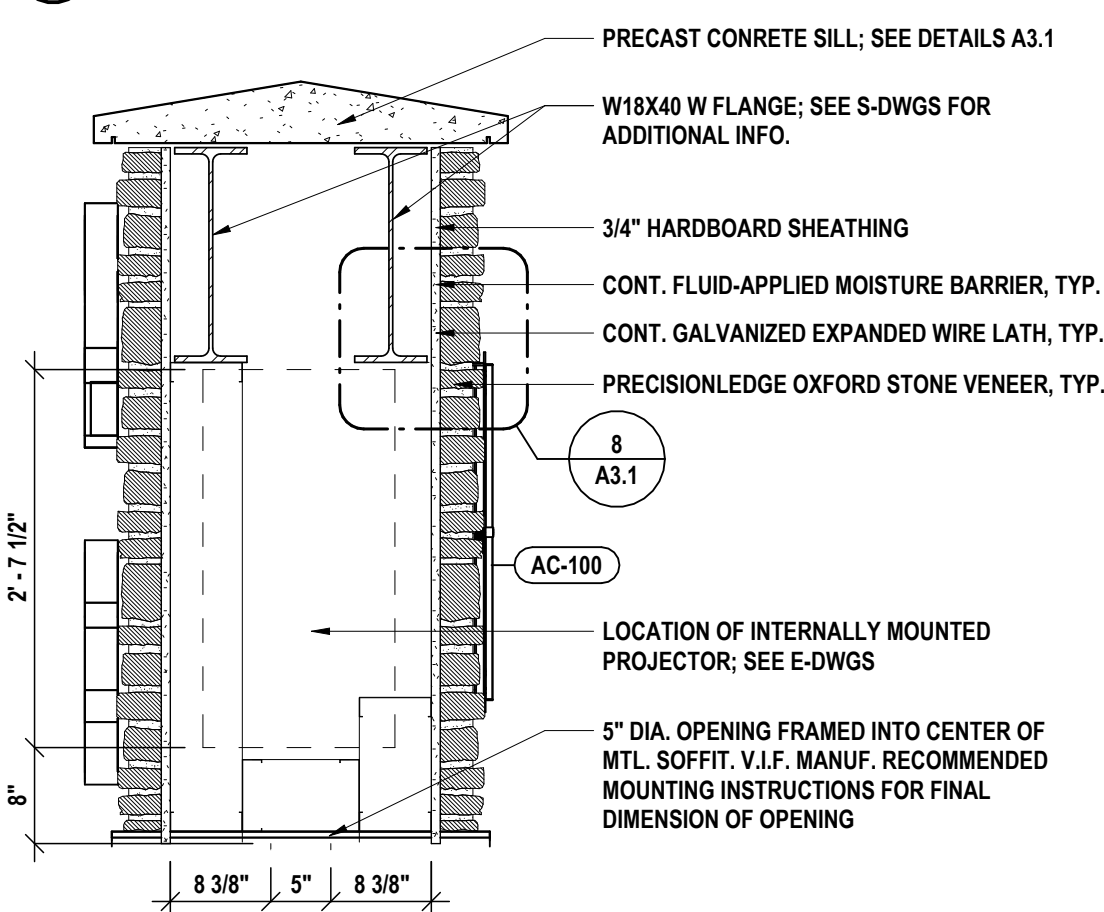
9 SECTION AT VENEER ARCHWAY
3/4" = 1'-0"



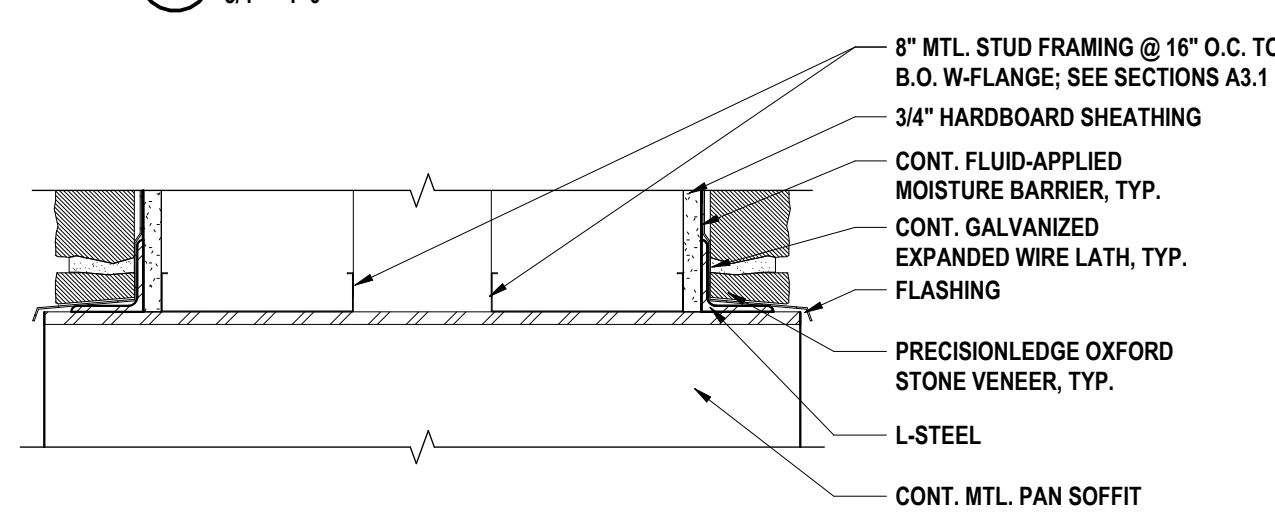
4 ENLARGED VENEER ARCHWAY PRECAST CAP DETAIL
1 1/2" = 1'-0"



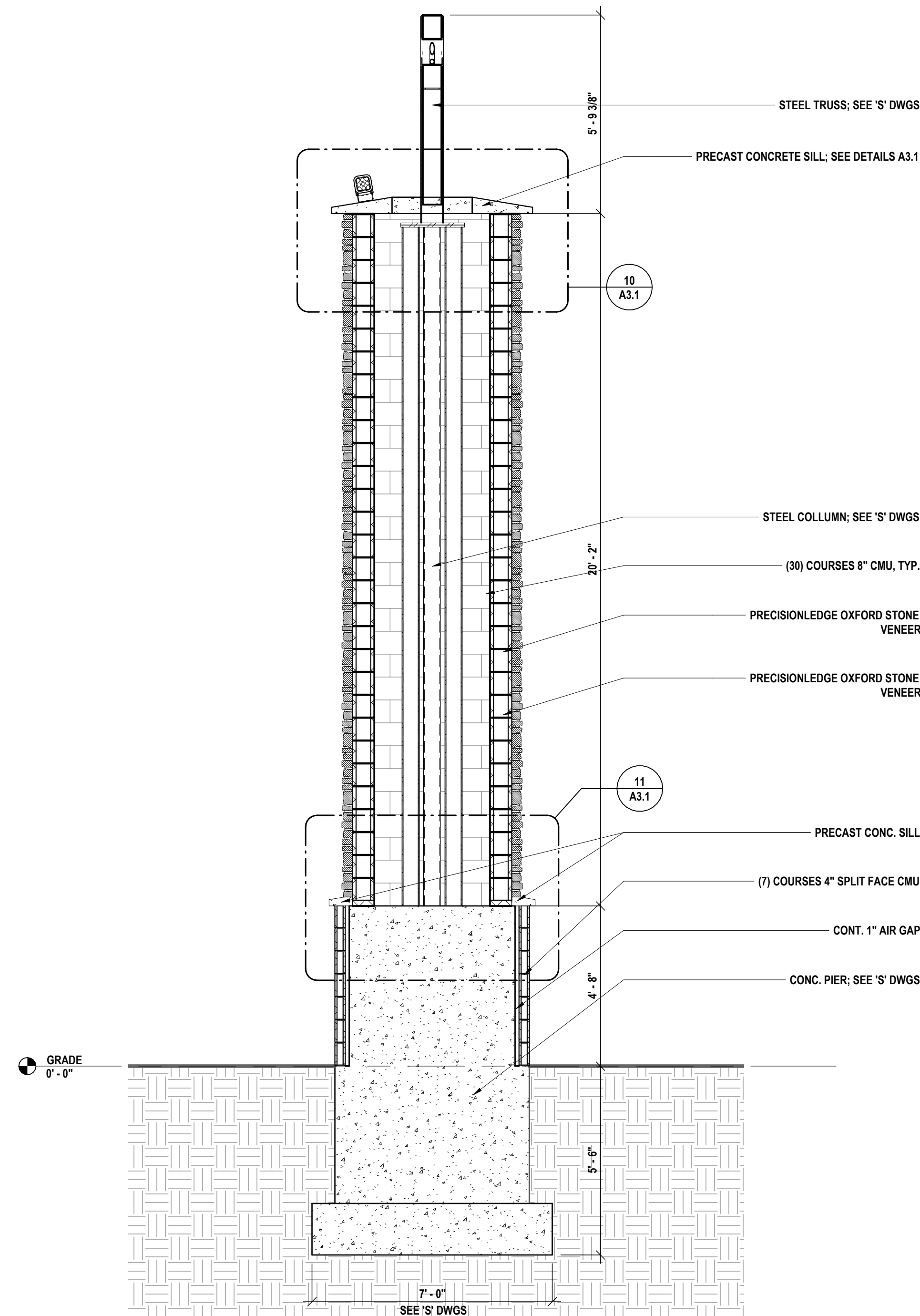
8 SECTION DETAIL @ RECESSED ACCESS DOOR HEADER
1 1/2" = 1'-0"



7 PROJECTOR HOUSING SECTION DETAIL
3/4" = 1'-0"



3 ENLARGED MTL. PAN SOFFIT DETAIL
1 1/2" = 1'-0"



1 COLUMN SECTION
3/8" = 1'-0"

