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DESIGN
REPORTS
SUPERVISION
CONSULTING SERVICES

SUBDIVISIONS
TITLE SURVEYS
TOPOGRAPHIC SURVEYS

ADDENDUM NO. 1

CONTRACT NO. TU-192

CONCRETE WALLS FOR SALT STORAGE BUILDING

FOR THE

TOWN OF ULSTER

ULSTER COUNTY, NEW YORK

May 6, 2019



DRAWINGS:

Page No. C2

Delete sheet in its entirety and **replace** with attached Revised Sheet No. C2. Finished floor elevation has been corrected for consistency.

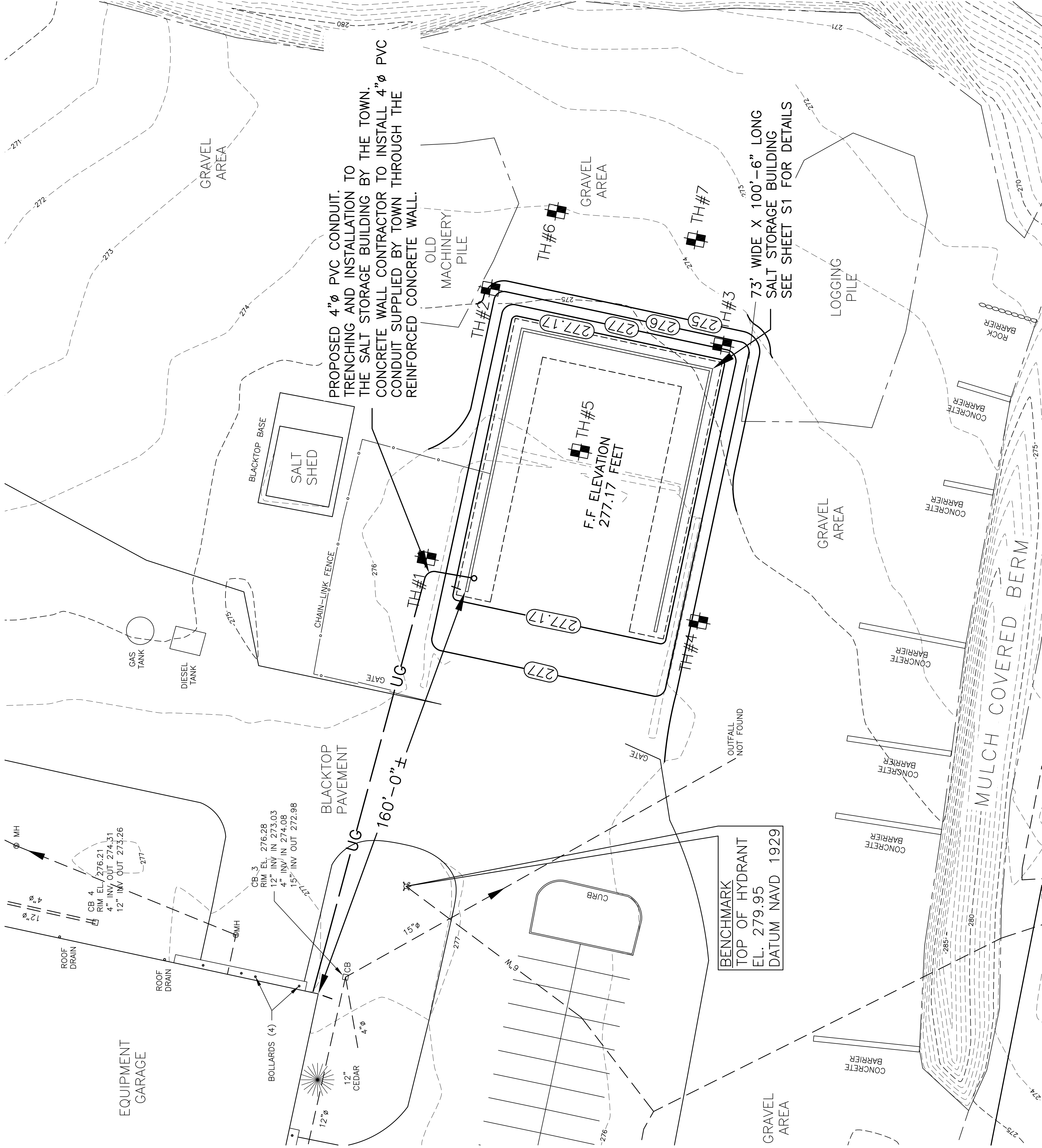
Sheet No. S1

Delete sheet in its entirety and **replace** with attached Revised Sheet No. S1. Top of wall elevation (T.W.E.) and top of footing elevation (T.F.E.) have been corrected for consistency.

Sheet No. S2

Delete sheet in its entirety and **replace** with attached Revised Sheet No. S2. Top of floor (T.O.F.) elevation, top of wall elevation (T.W.E.) and top of footing elevation (T.F.E.) has been corrected for consistency.

END OF ADDENDUM NO. 1
[EXCEPT FOR ATTACHMENTS]



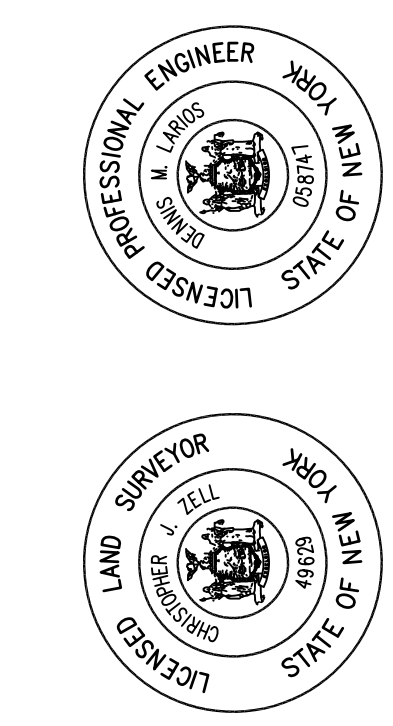
PROPOSED 4" ϕ PVC CONDUIT.
TRENCHING AND INSTALLATION TO
THE SALT STORAGE BUILDING BY THE TOWN.
CONCRETE WALL CONTRACTOR TO INSTALL 4" ϕ PVC
CONDUIT SUPPLIED BY TOWN THROUGH THE
REINFORCED CONCRETE WALL.

73' WIDE X 100'-6" LONG
SALT STORAGE BUILDING
SEE SHEET S1 FOR DETAILS

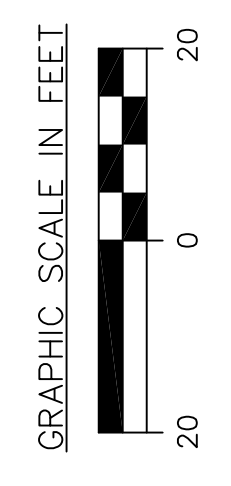
BENCHMARK
TOP OF HYDRANT
EL. 279.95
DATUM NAVD 1929

SITE PLAN
SCALE: 1" = 20'

- LEGEND**
- PROPERTY LINE
 - - - ADJOINER BOUNDARY
 - - - EASEMENT BOUNDARY
 - PAVED ROAD
 - 6" W — WATER LINE
 - ST — STORM SEWER
 - SS — SANITARY SEWER
 - G — GAS LINE
 - UE — UNDERGROUND ELECTRIC
 - 265- — EXISTING MAJOR CONTOUR
 - 264- — EXISTING MINOR CONTOUR
 - ⊕ — LIGHT POLE
 - ⊙ MH — SANITARY SEWER MANHOLE
 - ⊠ — MONUMENT
 - — PHYSICAL MARKER (BAR, PIPE, ETC.)
 - ⊙ — POLE
 - CB — STORMWATER CATCH BASIN
 - TH# — GEOTECHNICAL TEST HOLE LOCATION
 - PROPOSED FINAL GRADING
 - US — PROPOSED 4" ϕ PVC CONDUIT



Unauthorized alteration or addition to a plan
bearing the seal of a professional engineer or
land surveyor is prohibited by section 2209,
subdivision 2, of the New York
State Education Law.



SITE PLAN

SALT STORAGE BUILDING
TOWN OF ULSTER HIGHWAY COMPLEX
584 EAST CHESTER STREET BYPASS, KINGSTON, NY 12401
TOWN OF ULSTER
ULSTER COUNTY
NEW YORK

DATE	REVISION RECORD	REVISION NO.	APPENDIX NO.
5/6/19			1

DATE	DATE	DATE	DATE
	APRIL	2019	SHEET NO.
	DWG.	CHK	
	RJS	JEM	
			C2

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NOTE: The location of existing underground utilities are shown in an
appropriate way only and have not been independently verified by
the owner or its representative. The contractor shall determine
the exact location of all existing utilities before commencing work.
The contractor shall be responsible for any damage to existing utilities
which might be occasioned by the contractor's failure to exactly locate
and preserve any and all underground utilities.

APPLICABLE CODE: 2015 INTERNATIONAL BUILDING CODE WITH 2017 NEW YORK BUILDING CODE AMENDMENTS

DESIGN LOADS

4,000 P.S.F. — Allowable soil bearing pressure

NOTE:

- The foundation has been designed according to the plans and building reactions from MBS dated 4/16/19.
- Soil design allowable bearing capacity is 4000 p.s.f. per Geotechnical Engineering Report #6454 by Vernon Hoffman P.E. Soil and Foundation Eng., dated June 16, 2018. Friction factor of 0.46 was used for sliding. The design of the foundation is based on the design values provided with site and soil conditions. Contractor shall follow all soils engineer recommendations. Notify engineer of record immediately of any poor soil conditions.
- Remove all existing fill and replace site in accordance with Geotechnical report, including stabilizing high plastic soils.
- Compact all new fill and existing soils in accordance with Geotechnical report.

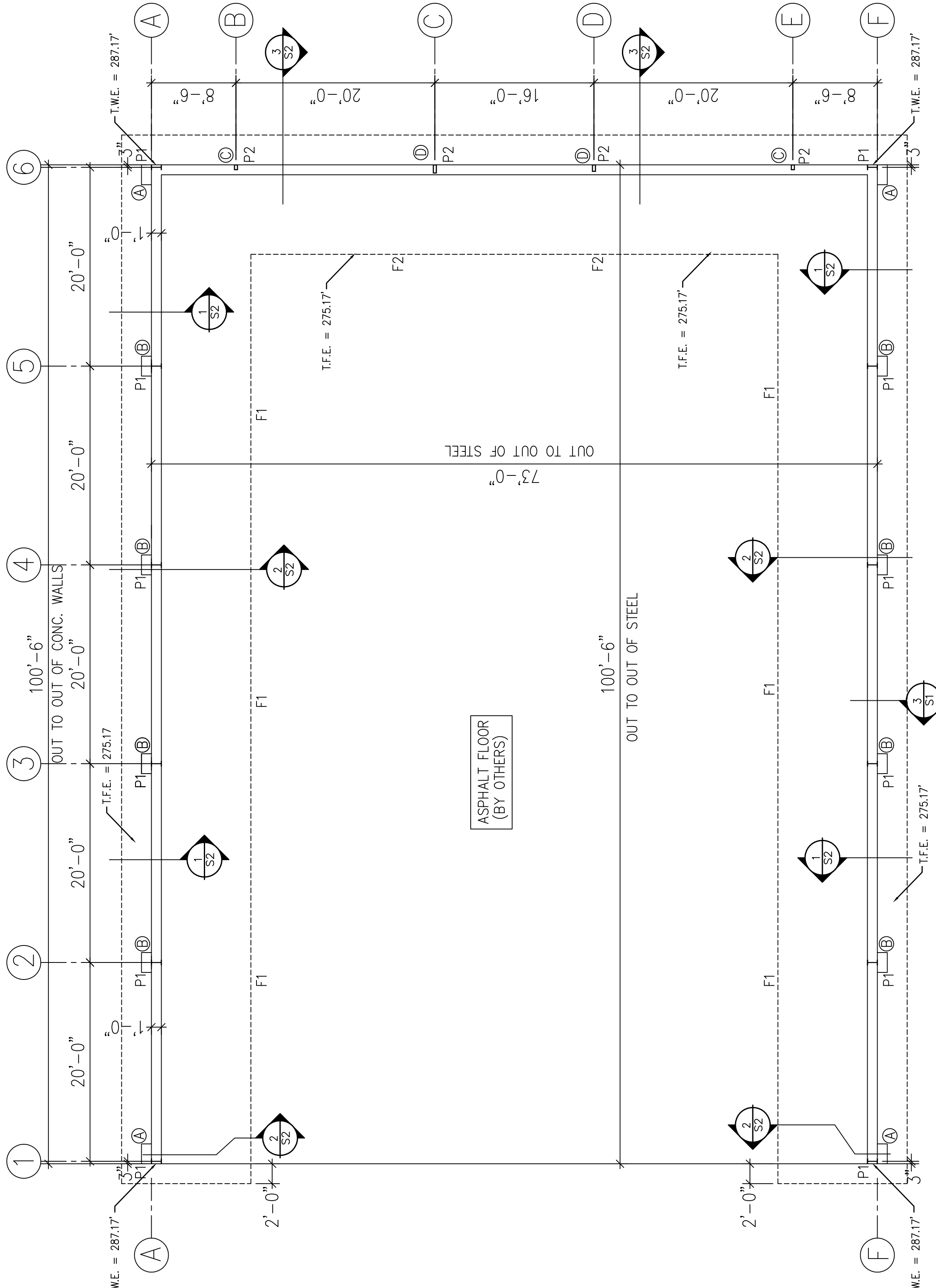
CAST IN PLACE CONCRETE NOTES:

- DESIGN CODE: ACI 318 latest edition.
- MINIMUM COMPRESSIVE STRENGTH IN 28 DAYS:
TYPE _____ LOCATION _____
STRENGTH _____

- Reinforcing Steel:
 - Reinforcing Steel: _____ Slab on grade and piers
 - Reinforcing Steel: _____ Slab on grade and piers
 - Reinforcing Steel: _____ Slab on grade and piers
 - Reinforcing Steel: _____ Slab on grade and piers
- Reinforcing Steel: _____ Slab on grade and piers
- Reinforcing Steel: _____ Slab on grade and piers

GENERAL FOUNDATION & CAST IN PLACE CONCRETE NOTES:

- DESIGN CODES: ACI 318 & "ACI Detailing Manual" latest edition.
- All fogs are centered under walls, piers, and columns above, U.N.O.
- All fog elevations shown are to top of fog.
- Provide max. step of 1 vert. to 2 horz. at wall fogs.
- Provide all accessories, chairs, spacers, and supports necessary to secure rebar steel per "ACI Detailing Manual". No other methods or mats. will be acceptable.
- Provide plastic chairs and bar supports in all areas of exposed concrete.
- Provide concrete protection for all reinforcement as per ACI 318, section 7.7 requirements for cast in place concrete:
 - Concrete cast against & permanently exposed to earth — 3" #6 bars & larger
 - Concrete cast against & permanently exposed to earth — 1 1/2" #6 bars & larger
 - Concrete not exposed to weather or in contact w/ ground:
 - Beams, girders, & joists (#3 to #11 bars) — 3/8"
 - Slabs, walls, & piers (#3 to #11 bars) — 1 1/2"
 - Stairs, steps or special fogs, rebar, in slots, lengths, field / also exposed to weather — 1 1/2"
- Furcled #4 & #5 rebar at fog, steps & around corners. Lap cont. band #4 & #5 rebar at fog, steps & around corners. Lap cont. fig. rebar at splices a min. of 18" for #4 & 23" for #5.
- Provide corrosion resistant asphaltic coating for all structural steel reinforcement. Anchor bolts below grade before casting in concrete or masonry.
- Cast dowels in fig. for concrete walls & columns above. Dowels to be same qty., size & spa. as the vert. wall & column rebar. Dowels are to project from figs. to provide the lap splices indicated below. U.N.O. Provide 3/4" standard hook in column and free standing wall fig. dowels. Wall fig. dowels are straight, U.N.O.
- Lap splices at all rebar in all cast in place concrete shall be as follows:
 - #3 bar = 23"
 - #4 bar = 31"
 - #5 bar = 37"
 - #6 bar = 54"
 - #7 bar = 62"
- Coordinate all underground mech. piping, ductwork locations and elevations w/ the Mech. Contractor or Mech. Engineer. Adjust fig. elevations to match. Where piping or ductwork runs parallel with the fig. set bottom of fig. elevation no higher than pipe or ductwork invert. elevation plus half the horz. distance below edge of fig. & edge of piping or ductwork. Contractor shall notify the Arch. or Engineer w/ any / her proposed deviations for approval prior to commencing work.



FOUNDATION PLAN
1/8" = 1'-0"

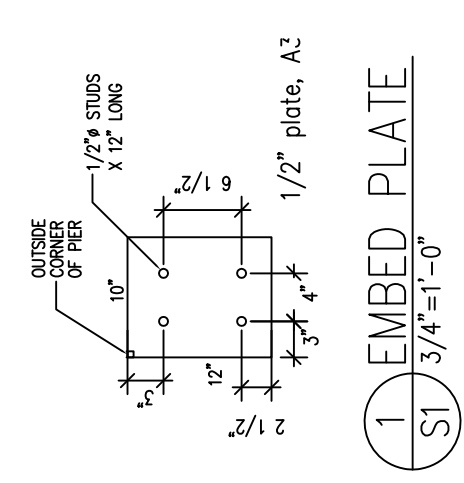
FOOTING SCHEDULE		
TYPE	SIZE	DEPTH
F1	13'-0" CONT.	24"
F2	12'-0" CONT.	24"

PIER SCHEDULE		
TYPE	SIZE	REINFORCING
P1	24"x24"	SEE DETS. 2/S2
P2	—	SEE DETS. 3&3A/S2

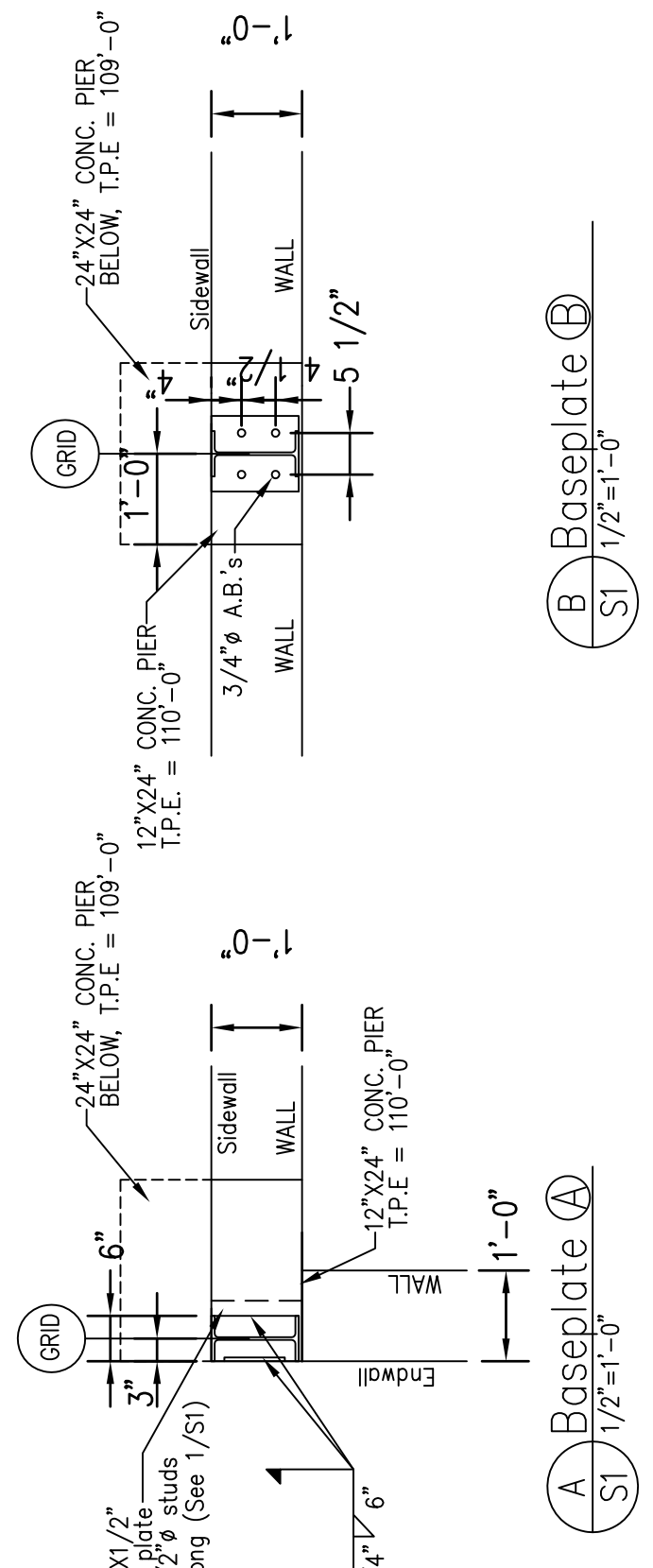
NOTES:
1. VERIFY ALL DIMENSIONS AND LOCATIONS OF DOORS AND STOOPS WITH ARCHITECTURAL DRAWINGS.

ANCHOR BOLT SCHEDULE					
DIA. (INCHES)	LENGTH (INCHES)	EMBED (INCHES)	PROJ. (INCHES)	HOOK (INCHES)	COMMENTS
3/4	12	9	3	NA	TYPE A

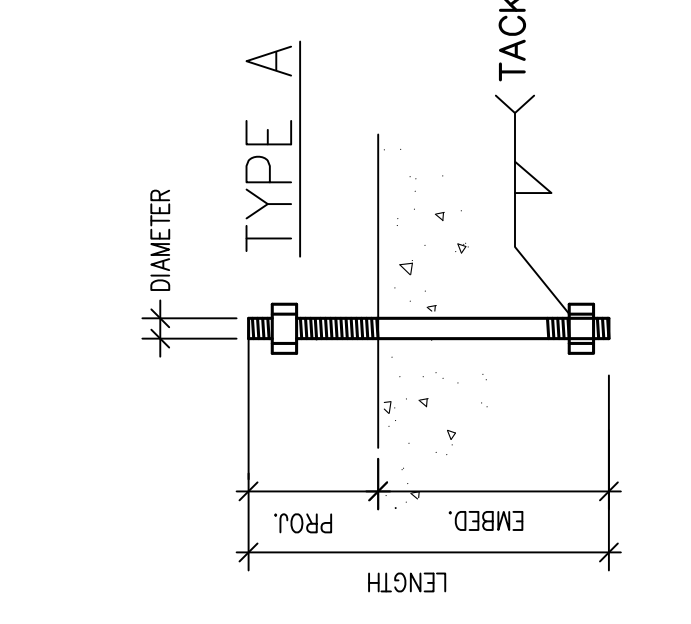
- VERIFY REQUIRED PROJECTION AND ADJUST LENGTH ACCORDINGLY.
- USE ASTM F 1554 GRADE 36 BOLTS
- BASEPLATE DETS. A/S1-D/S1



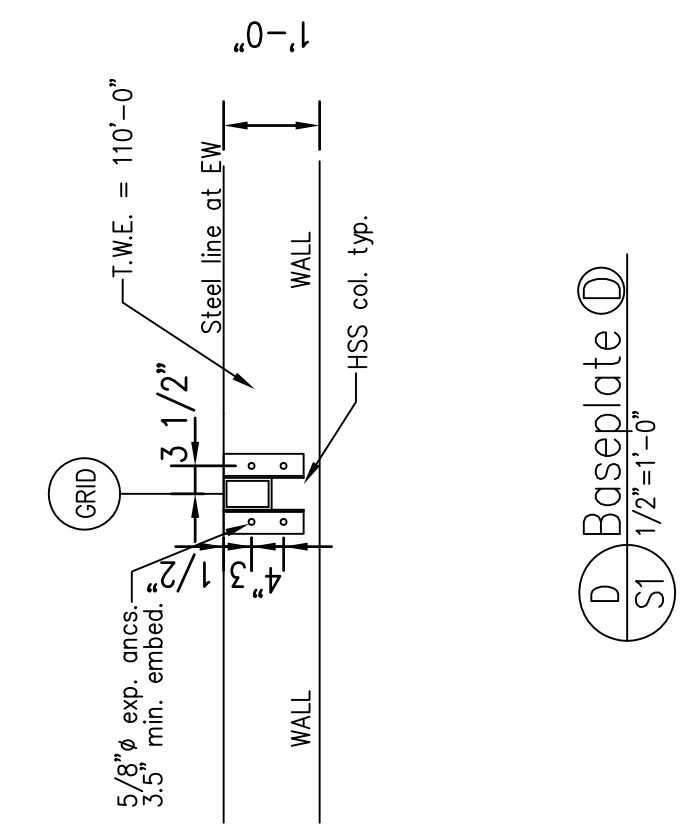
1 EMBED PLATE
S1 3/4"x12'-0"



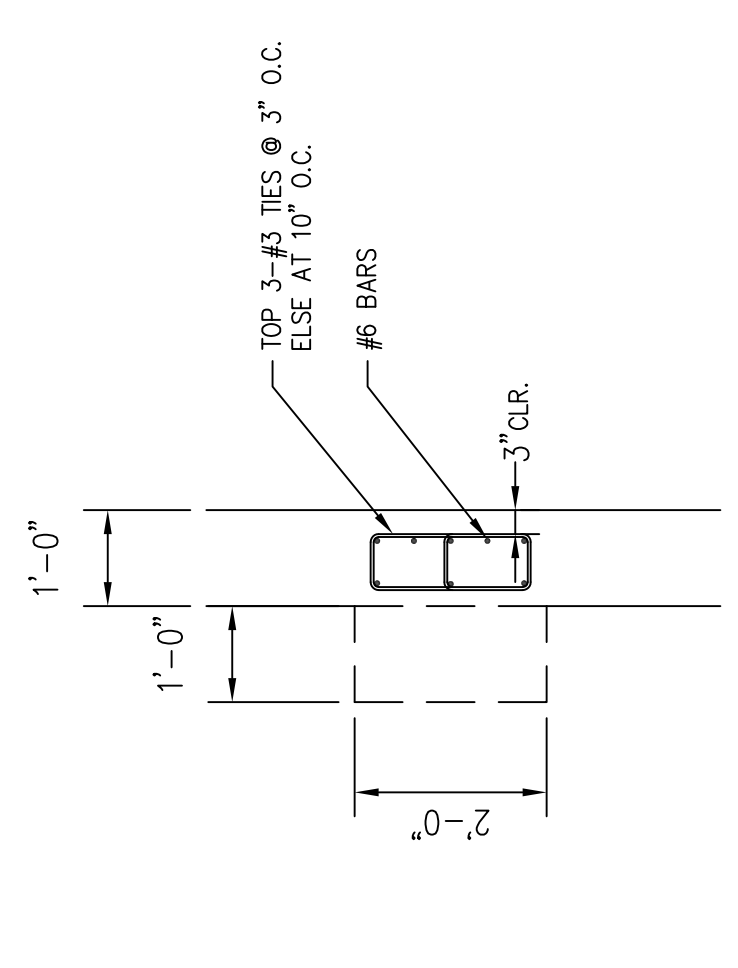
A Baseplate (A) S1 1/2"x1'-0"
B Baseplate (B) S1 1/2"x1'-0"
C Baseplate (C) S1 1/2"x1'-0"
D Baseplate (D) S1 1/2"x1'-0"



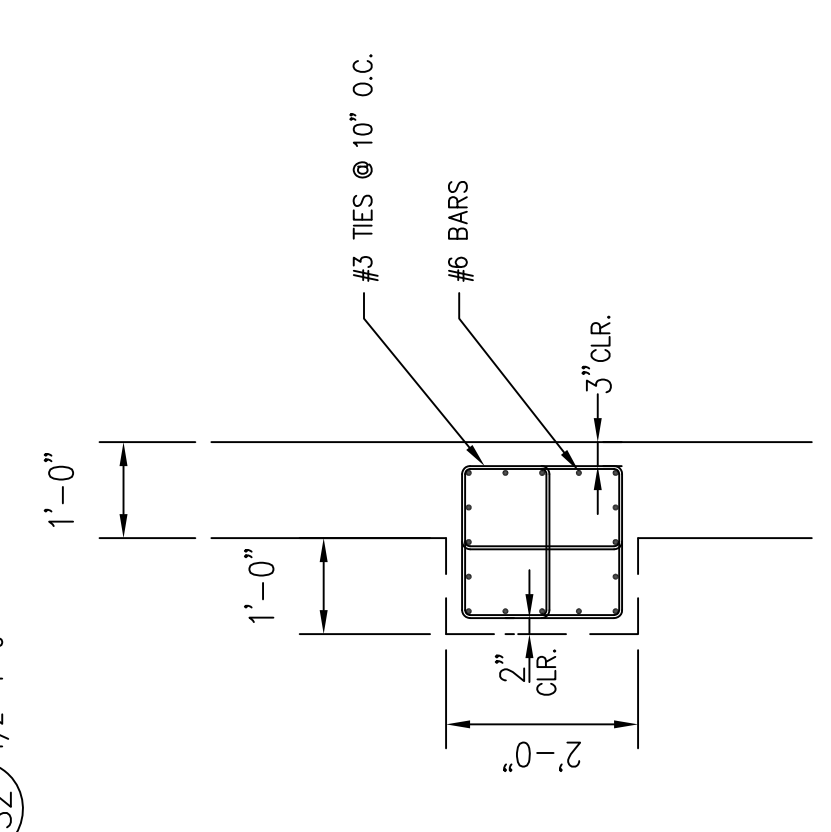
TYPE A
DIA. 3/4" DIAMETER
LENGTH 12"
EMBED. 9"
PROJ. 3"
TACK



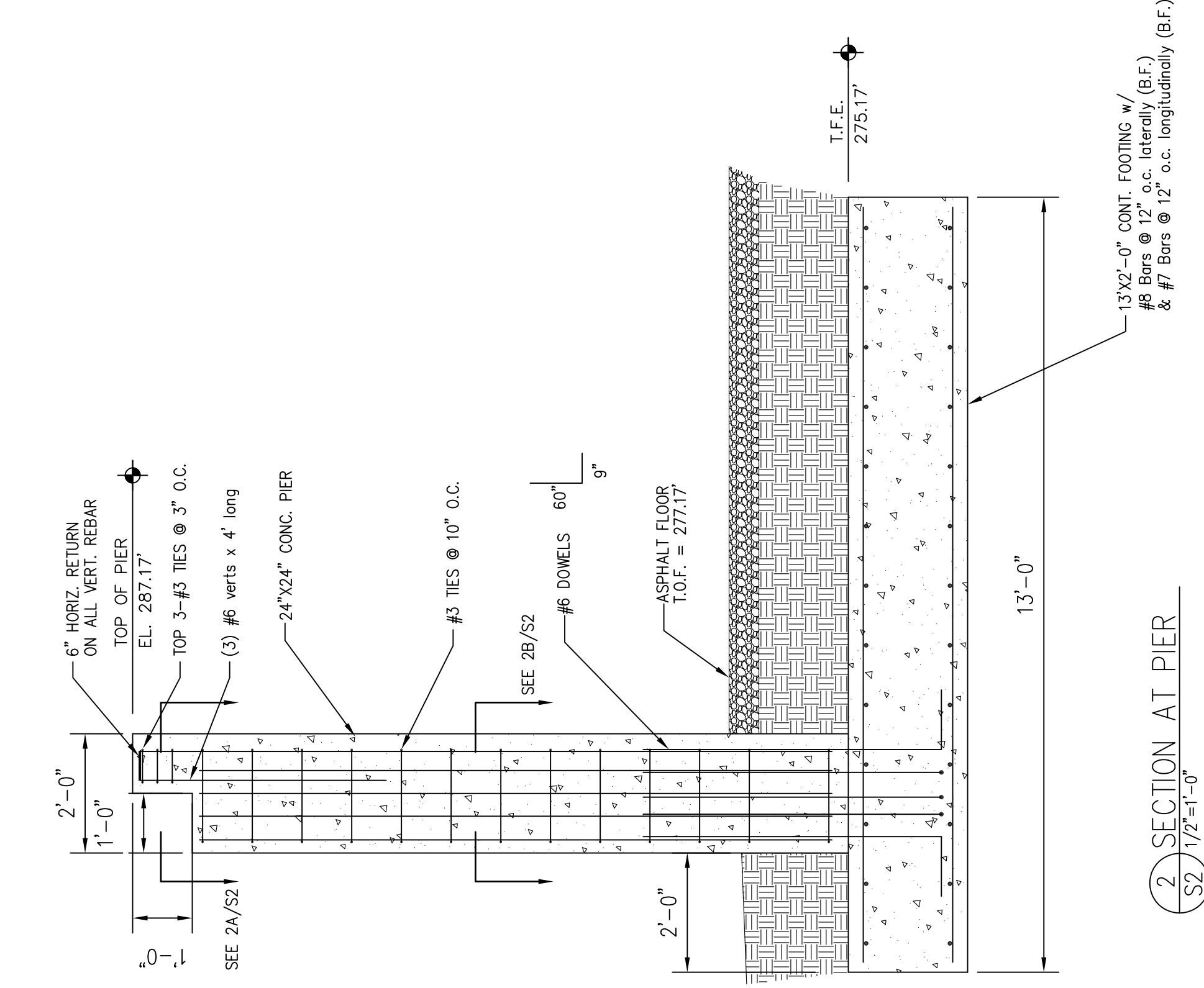
C Baseplate (C) S1 1/2"x1'-0"
D Baseplate (D) S1 1/2"x1'-0"



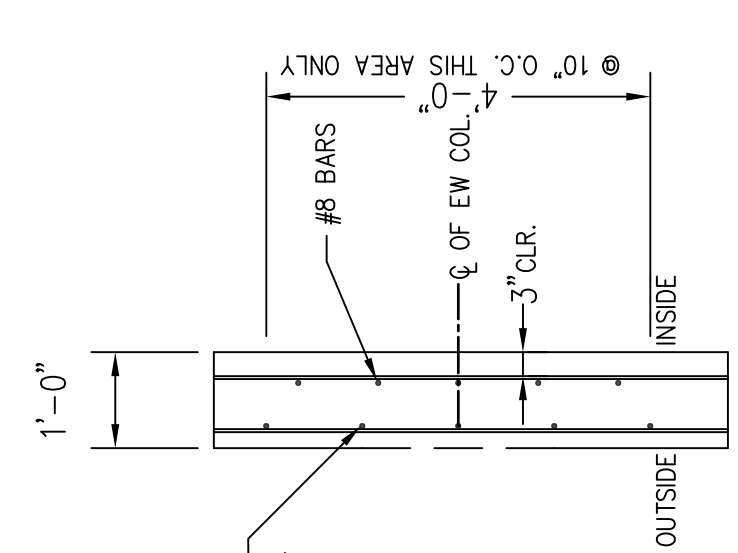
2A UPPER PIER PLANVIEW
 S2 / 1/2"=1'-0"



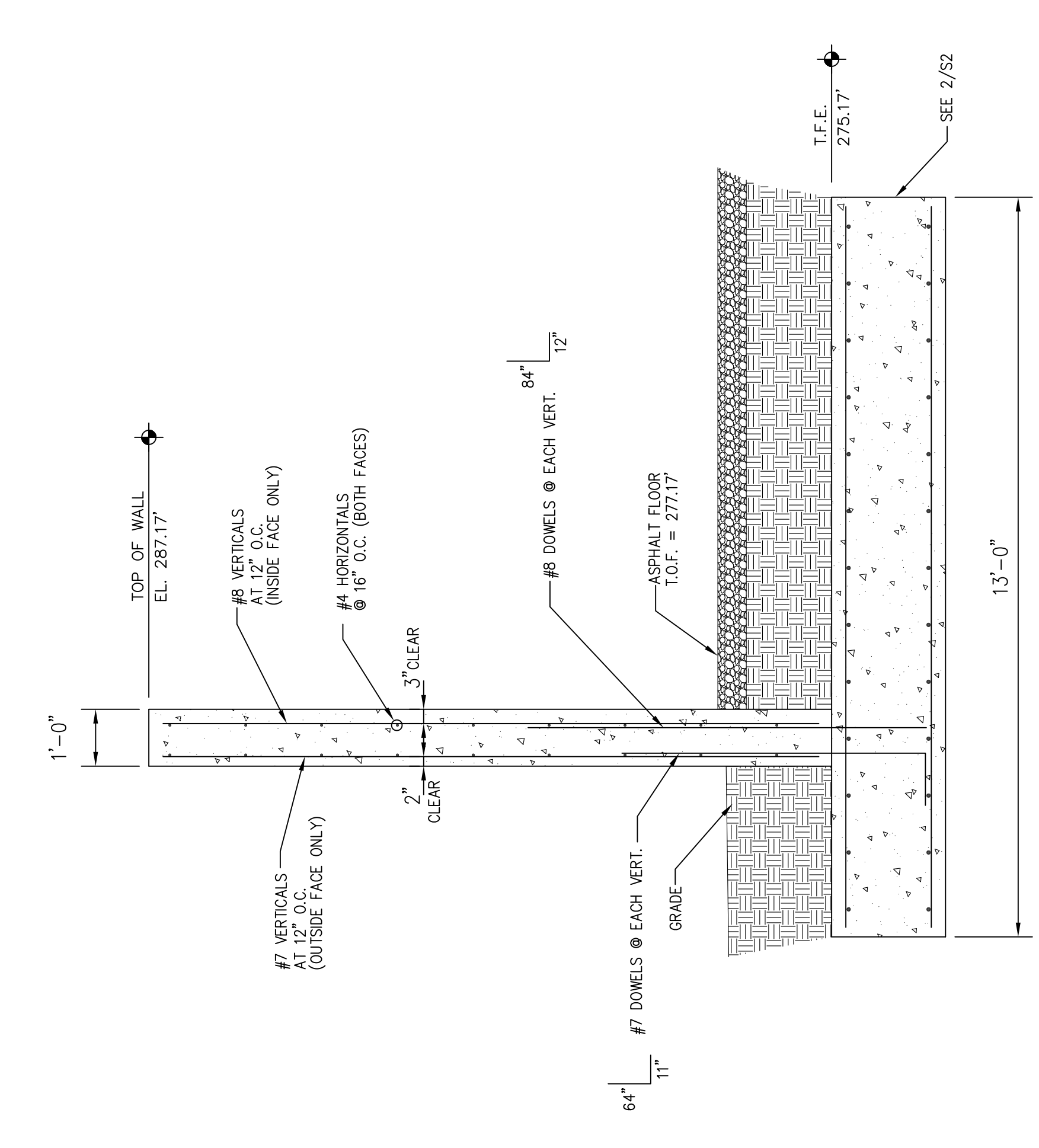
2B LOWER PIER PLANVIEW
 S2 / 1/2"=1'-0"



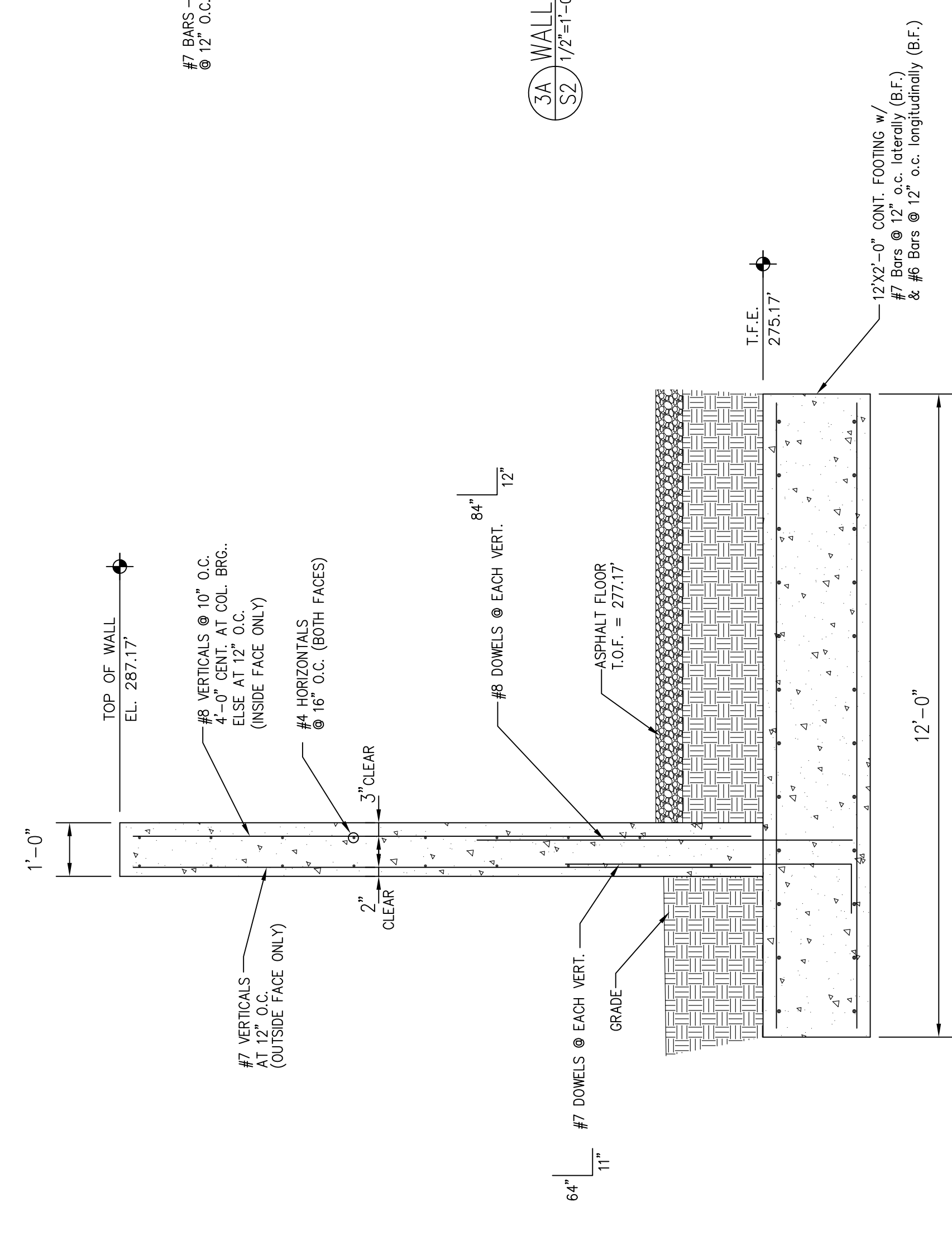
2 SECTION AT PIER
 S2 / 1/2"=1'-0"



3A WALL PLANVIEW
 S2 / 1/2"=1'-0"



1 SECTION AT SIDEWALL
 S2 / 1/2"=1'-0"



3 SECTION AT ENDWALL
 S2 / 1/2"=1'-0"