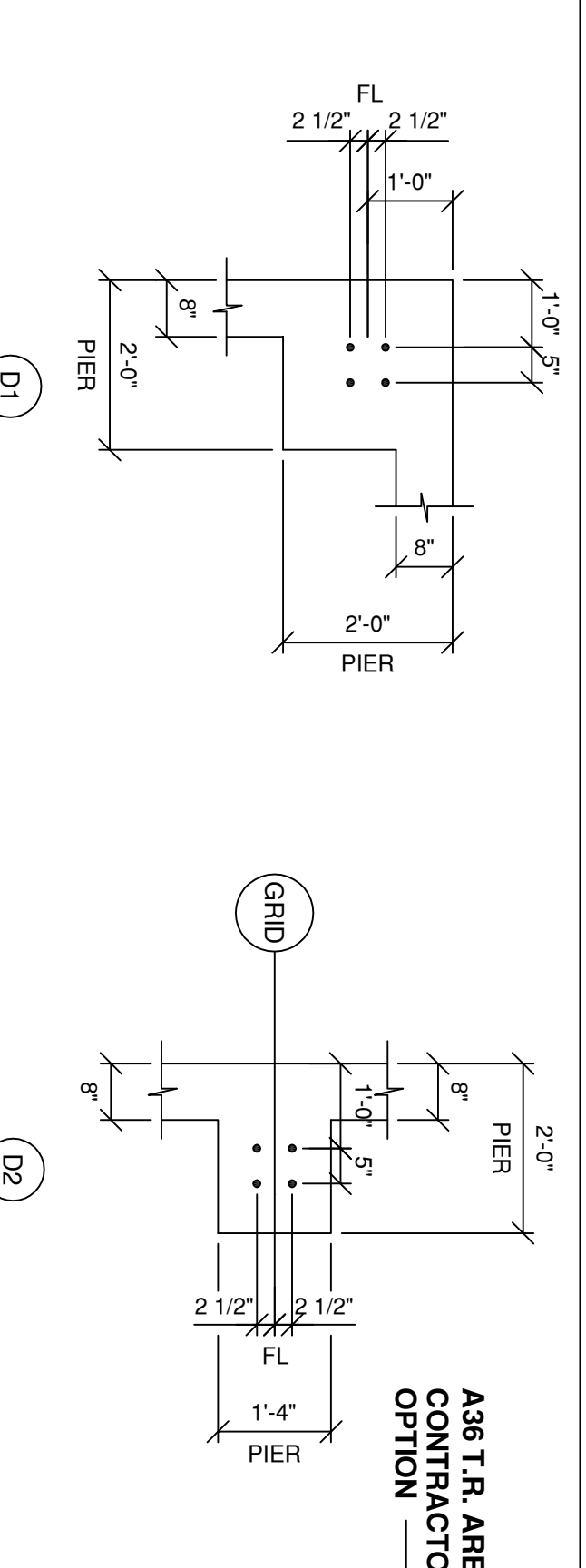
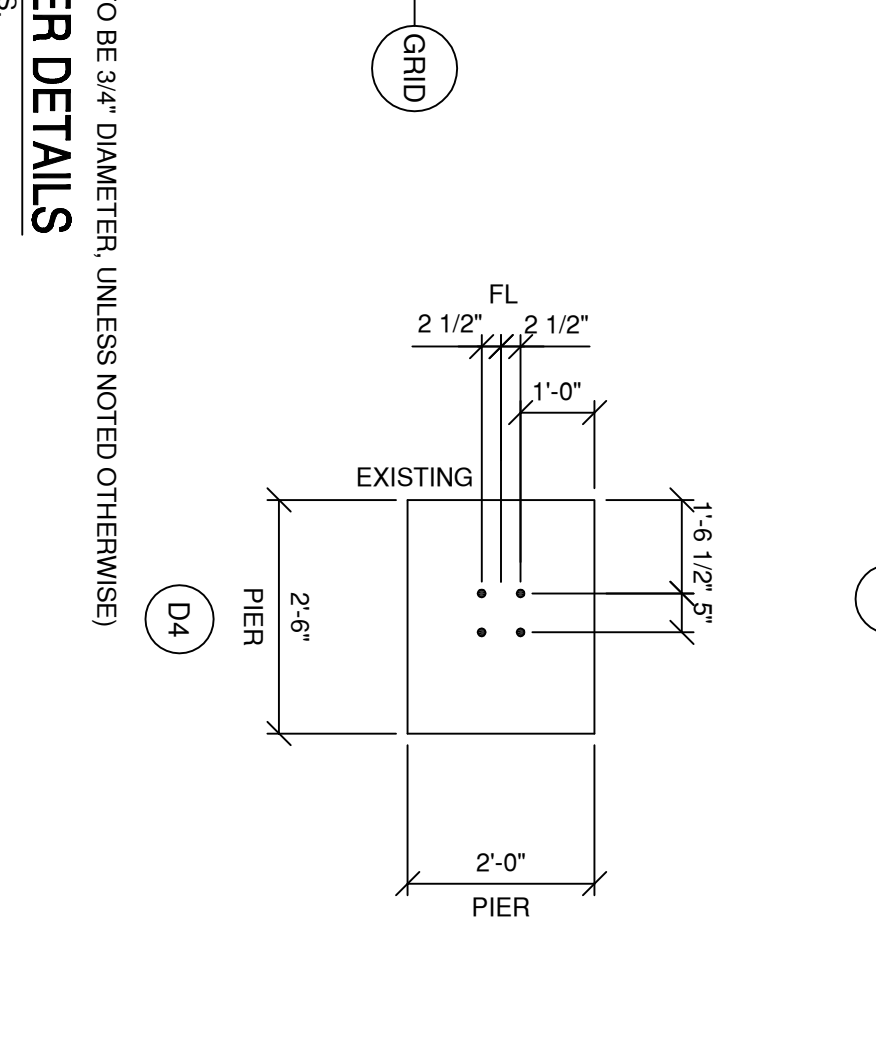
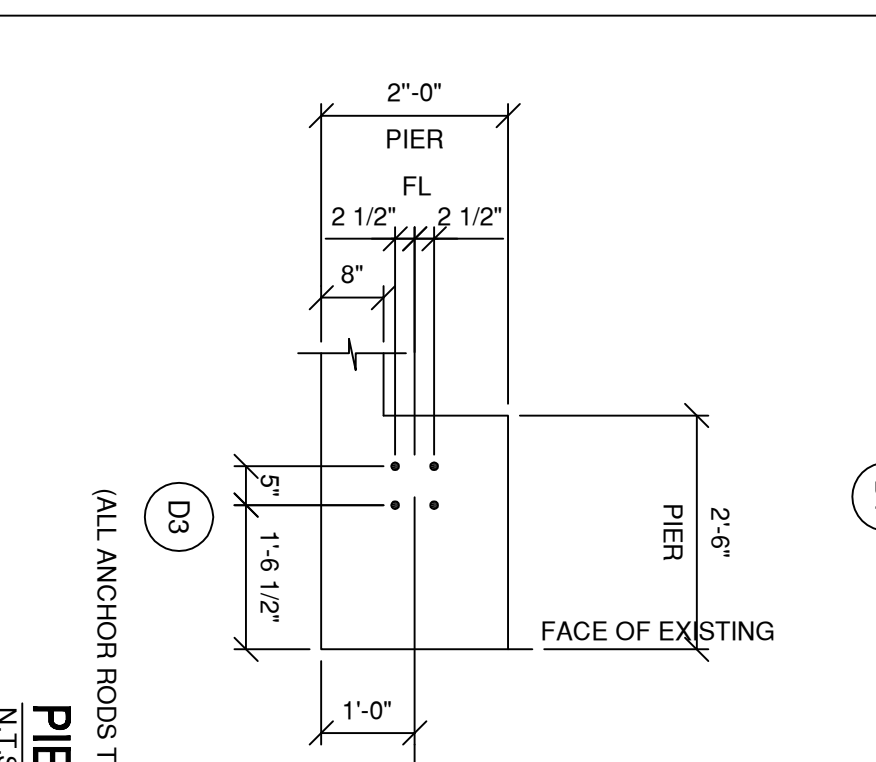
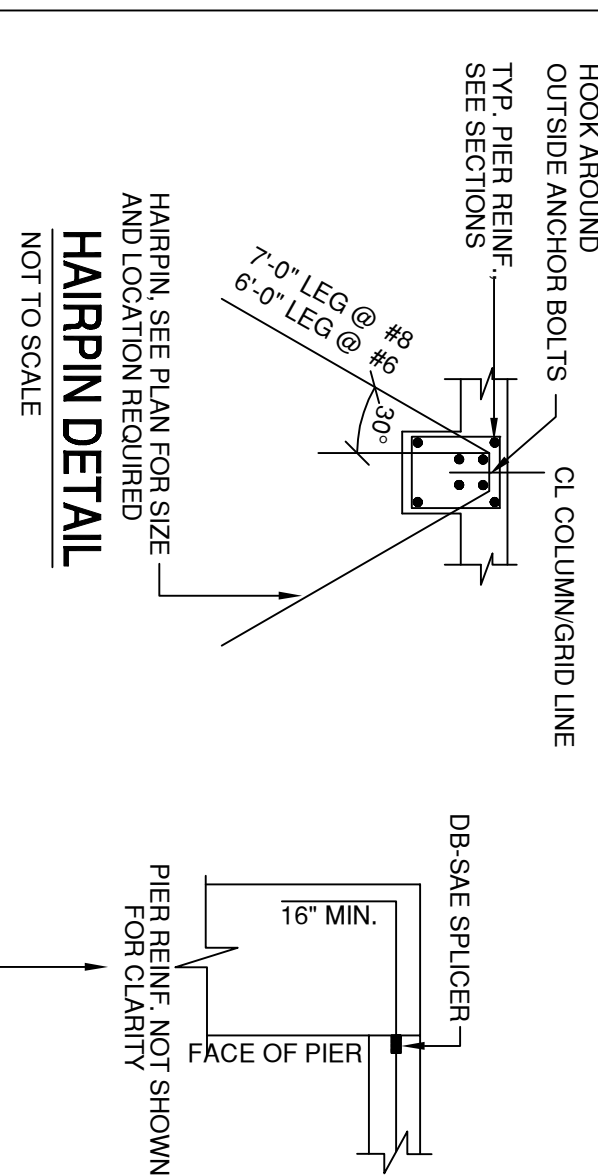


FOOTING SCHEDULE			
SYMBOL	SIZE (L X TH X W)	REINF. REQ'D	COMMENTS
(F4.3)	4'-6" x 1'-0" x 4'-6"	6- #4 E.W.	BOTTOM REINF.
(F4.6)	4'-0" x 1'-4" x 6'-0"	6- #4 LONG BARS 6- #4 SHORT BARS	TOP & BOTTOM REINF. PROVIDE SHORT BARS
(F5)	6'-0" x 1'-0" x 6'-0"	8- #4 E.W.	TOP & BOTTOM REINF.

**CONTRACTOR OPTION FOR HAIRPIN CONNECTION:**  
**CONTRACTOR MAY USE "RICHMOND DB-SAE DOWEL BAR SPLICER", MATCH HAIRPIN REBAR SIZE. PROVIDE 16" LONG DOWEL LEG INTO PIER EXTENDING DOWN.**

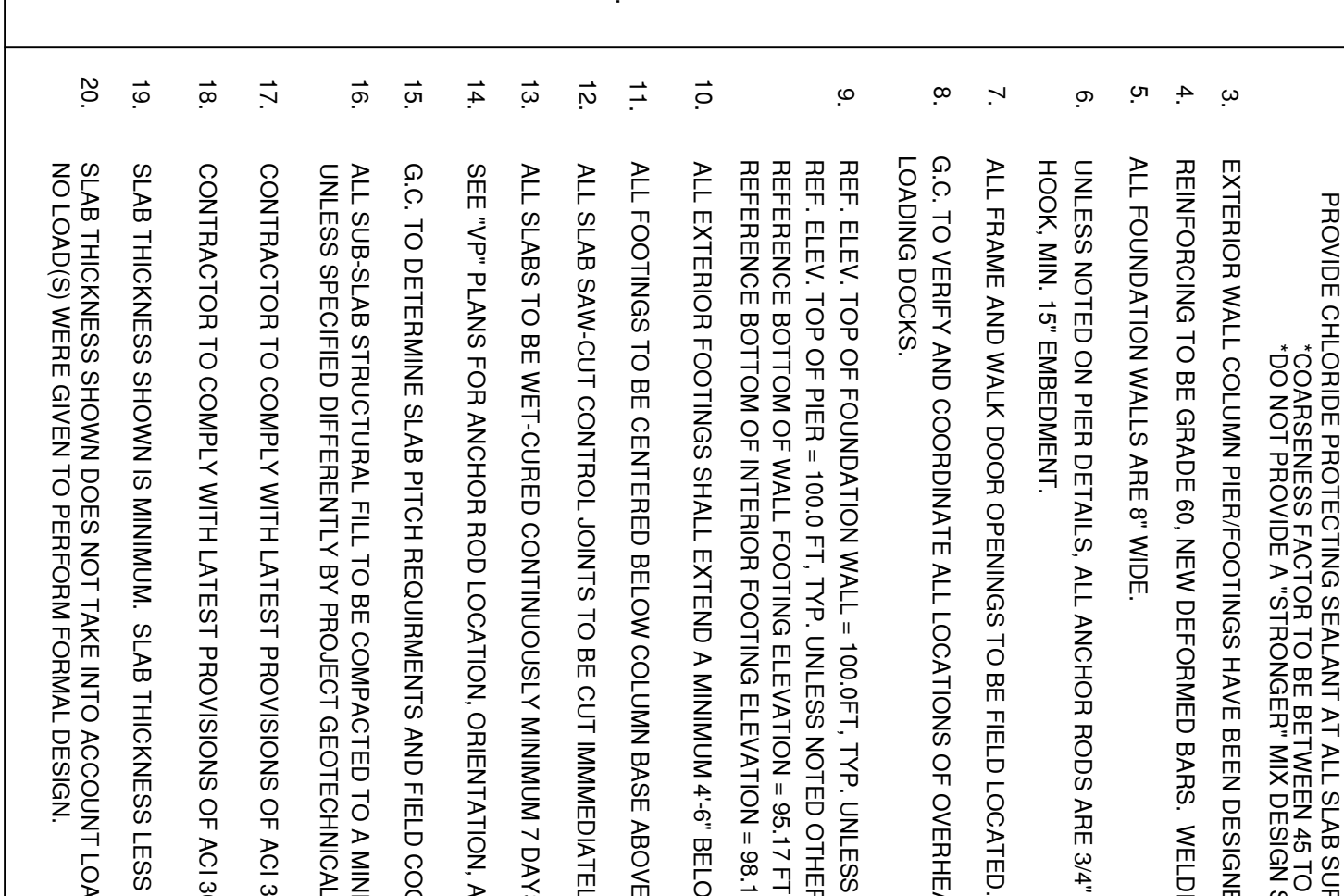
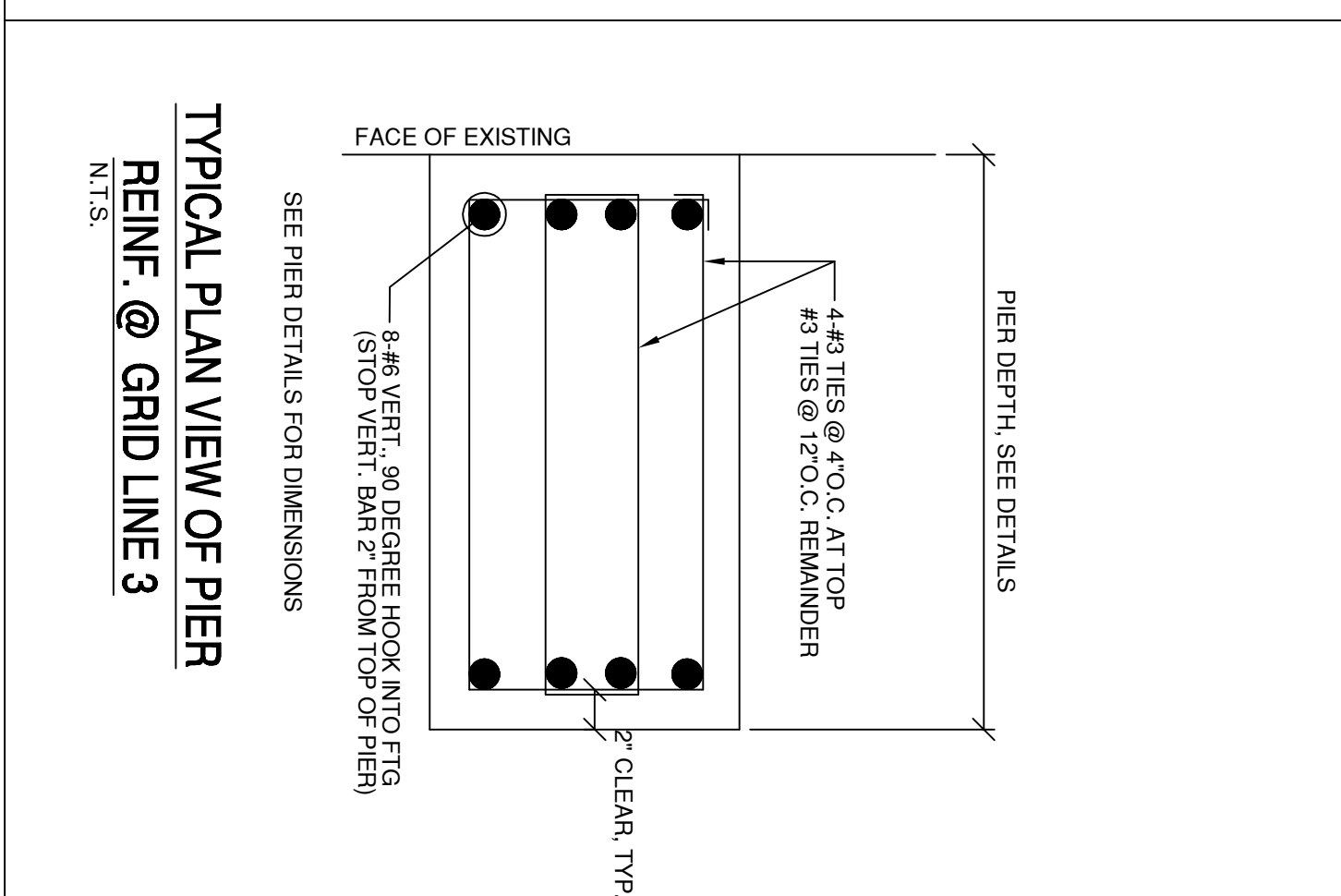
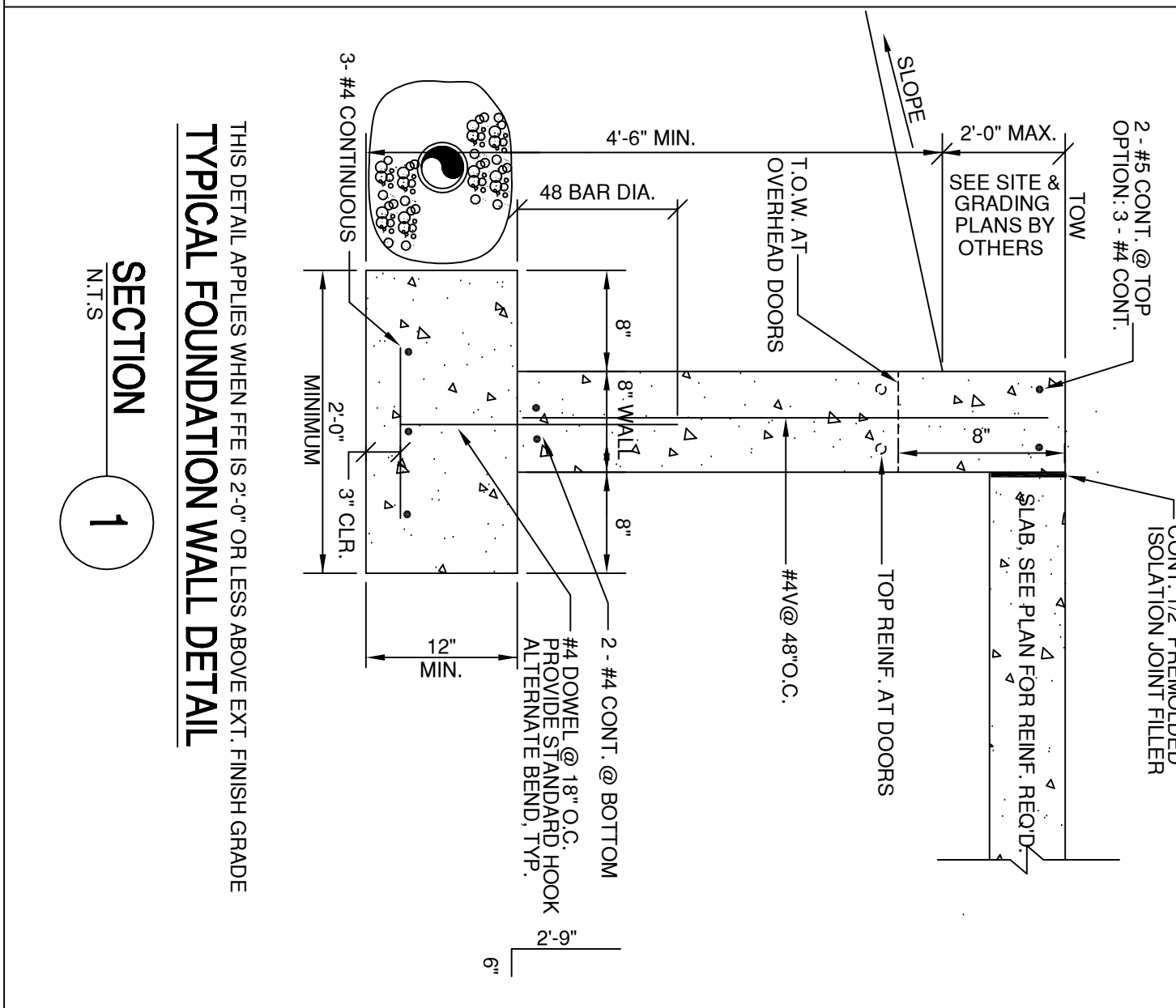
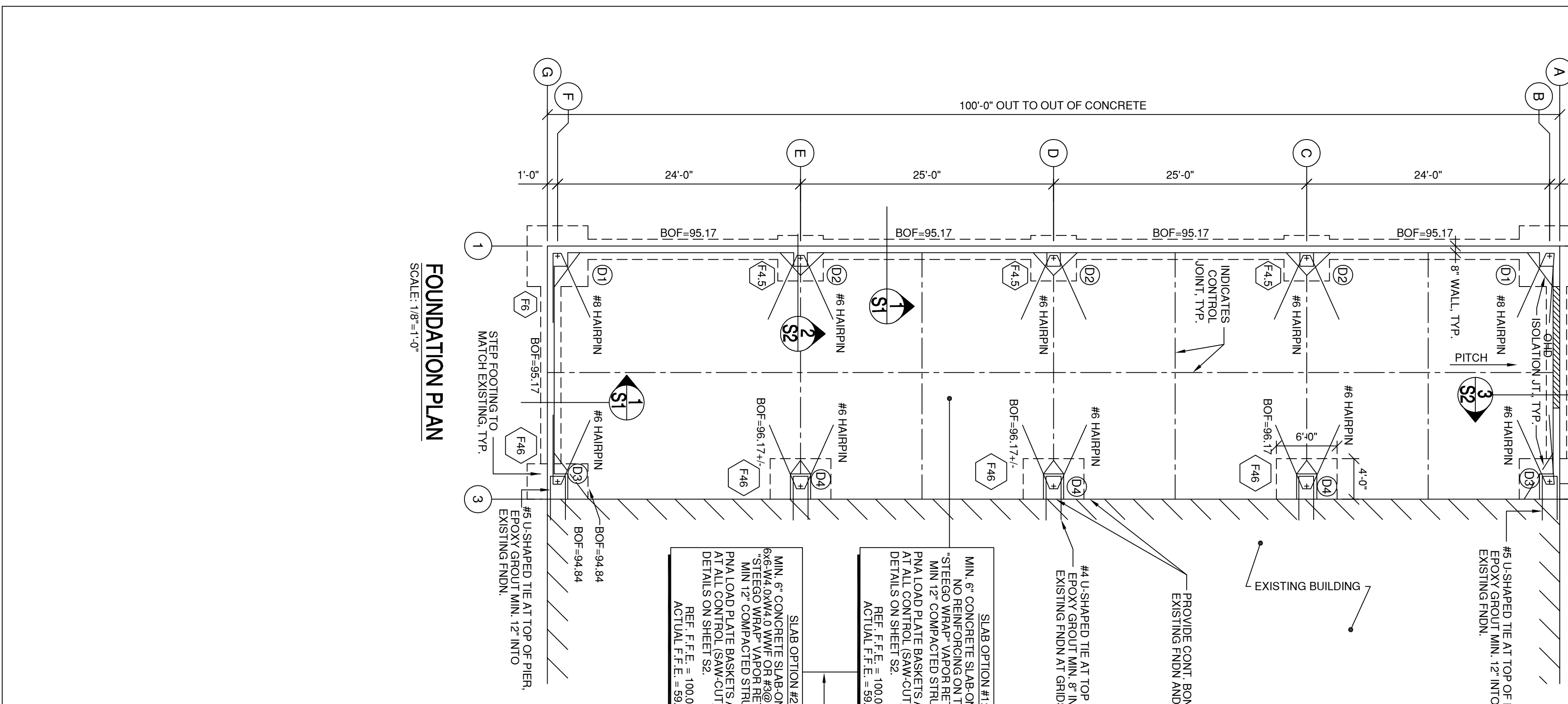


ANCHOR BOLT DETAILS			
DIAMETER	SHAPE	LOCATION	
3/4" A307	1.5" EMBED, 3" PROJECTION	SEE PIER DETAILS	
3/4" A307	6" EMBED, 3" PROJECTION	SEE PIER DETAILS	

**ANCHOR BOLT NOTES:**  
 1. CONTRACTOR TO CONFIRM ANCHOR ROD LAYOUT WITH METAL BUILDING MANUF. PRIOR TO SETTING ANCHOR BOLTS.  
 2. ALL ANCHOR RODS TO BE 3/4" Ø A307 J-BOLT UNO ON DETAILS.  
 3. A307 TREATED RODS (T.R.) MAY BE USED IN LIEU OF J-BOLTS.  
 4. EMBEDMENT SHOWN IS MIN. TO TOP OF NUT OR HOOK.  
 5. SEE DETAILS FOR 1/2" DIA. J-BOLT RECS. IN FRAMED BEAMS.

**CONTRACTOR NOTE:**  
 CONTRACTOR TO CONFIRM DOOR SIZE/ LOCATION, PIER SIZE, AND TOP OF CONCRETE ELEVATIONS WITH FINAL "VARCO PRUDEM" (VP) PLANS.

**ISSUED FOR CONSTRUCTION**



**FOUNDATION NOTES:**

- ASSUMED DESIGN SOIL BEARING PRESSURE=1,500 PSF. G.C. TO RETAIN GEOTECHNICAL ENGINEER TO VERIFY PRIOR TO CONSTRUCTION.
- CONCRETE: WALLS & FOOTINGS: Fc=4,000 P.S.I., 3/4" AGGREGATE. MAXIMUM W/C=0.53. TYPE I OR II CEMENT. INTERIOR SLABS: Fc=4,000 P.S.I., 1 1/2" AGGREGATE (MANDATORY). MAXIMUM W/C=0.50. NO ENTRAINED AIR. TYPE I OR II CEMENT. (USE A MID-RANGE WATER REDUCER IF A HIGHER SLUMP/MORE WORKABILITY IS DESIRED). PROVIDE CHLORIDE PROTECTING SEALANT AT ALL SLAB SURFACES. \*CONSISTENCY FACTOR TO BE BETWEEN .45 TO .75 PERCENT PER A.C.I. \*DO NOT PROVIDE A STRONGER MIX DESIGN STRENGTH THAN INDICATED AT INTERIOR SLABS.
- EXTERIOR WALL COLUMN PER/FOOTINGS HAVE BEEN DESIGNED TO SUPPORT COLUMN REACTIONS INDEPENDENT OF SLAB.
- REINFORCING TO BE GRADE 60. NEW DEFORMED BARS. WELDED WIRE FABRIC (WWF) TO BE SHEET TYPE ONLY AND SHALL MEET ASTM A185.
- ALL FOUNDATION WALLS ARE 8" WIDE.
- UNLESS NOTED ON PIER DETAILS, ALL ANCHOR RODS ARE 3/4" DIA. A307 J-BOLT WITH 6" LONG HOOK, MIN. 1.5" EMBEDMENT.
- ALL FRAME AND WALK DOOR OPENINGS TO BE FIELD LOCATED.
- G.C. TO VERIFY AND COORDINATE ALL LOCATIONS OF OVERHEAD DOORS (OHD), PEOPLE DOORS, AND LOADING DOCKS.
- REF. ELEV. TOP OF FOUNDATION WALL = 100.0 FT. TYP. UNLESS NOTED OTHERWISE THUS: T.O.W.- REF. ELEV. TOP OF PIER = 100.0 FT. TYP. UNLESS NOTED OTHERWISE THUS: T.O.P.- REFERENCE BOTTOM OF WALL FOOTING ELEVATION = 98.17 FT. TYPICAL UNO. THUS: BOF = REFERENCE BOTTOM OF INTERIOR FOOTING ELEVATION = 98.17 FT. TYPICAL UNO. THUS: BOF = ALL EXTERIOR FOOTINGS SHALL EXTEND A MINIMUM 4'-6" BELOW FINISH GRADE.
- ALL FOOTINGS TO BE CENTERED BELOW COLUMN BASE ABOVE.
- ALL SLAB SAW-CUT CONTROL JOINTS TO BE CUT IMMEDIATELY AFTER FINISHING.
- ALL SLABS TO BE WET-CURED CONTINUOUSLY A MINIMUM 7 DAYS AFTER PLACEMENT.
- SEE "VP" PLANS FOR ANCHOR ROD LOCATION, ORIENTATION, AND SIZE.
- G.C. TO DETERMINE SLAB PITCH REQUIREMENTS AND FIELD COORDINATE.
- ALL SUB-SLAB STRUCTURAL FILL TO BE COMPACTED TO A MINIMUM OF 95% AS DETERMINED BY ASTM D-1557. UNLESS SPECIFIED DIFFERENTLY BY PROJECT GEOTECHNICAL ENGINEER.
- CONTRACTOR TO COMPLY WITH LATEST PROVISIONS OF ACI 305 AND ACI 308 FOR HOT AND COLD WEATHER CONCRETING.
- CONTRACTOR TO COMPLY WITH LATEST PROVISIONS OF ACI 304 FOR CONCRETE PLACEMENT.
- SLAB THICKNESS SHOWN IS MINIMUM. SLAB THICKNESS LESS THAN INDICATED MAY RESULT IN EXCESSIVE SHRINKAGE CRACKS AND/OR CURLING.
- SLAB THICKNESS SHOWN DOES NOT TAKE INTO ACCOUNT LOADS FROM MACHINERY, EQUIPMENT, FORK TRUCKS, ETC. SINCE NO LOAD(S) WERE GIVEN TO PERFORM FORMAL DESIGN.

FOUNDATION PLAN, NOTES & DETAILS			
DATE	SCALE		
08-10-04	AS NOTED		

SHEET S1 OF 2

**SRG ENGINEERING, INC.**  
 CONSULTING STRUCTURAL ENGINEERS  
 P.O. BOX 925  
 GRAY, ME 04039  
 TEL: (207) 657-7323  
 FAX: (207) 657-7342  
 EMAIL: SRG@SRGENG.COM

PROJECT NO.	EOR	DESIGN	CHKD	DRAWN
04-107	SRG	SRG	SRG	SRG

THIS PLAN SHALL NOT BE MODIFIED WITHOUT WRITTEN PERMISSION FROM SRG ENGINEERING, INC. ANY ALTERATIONS, AUTHORIZED OR OTHERWISE, SHALL BE AT THE USER'S SOLE RISK AND WITHOUT LIABILITY TO SRG ENGINEERING, INC.

REV:	BY:	DATE:	STATUS: