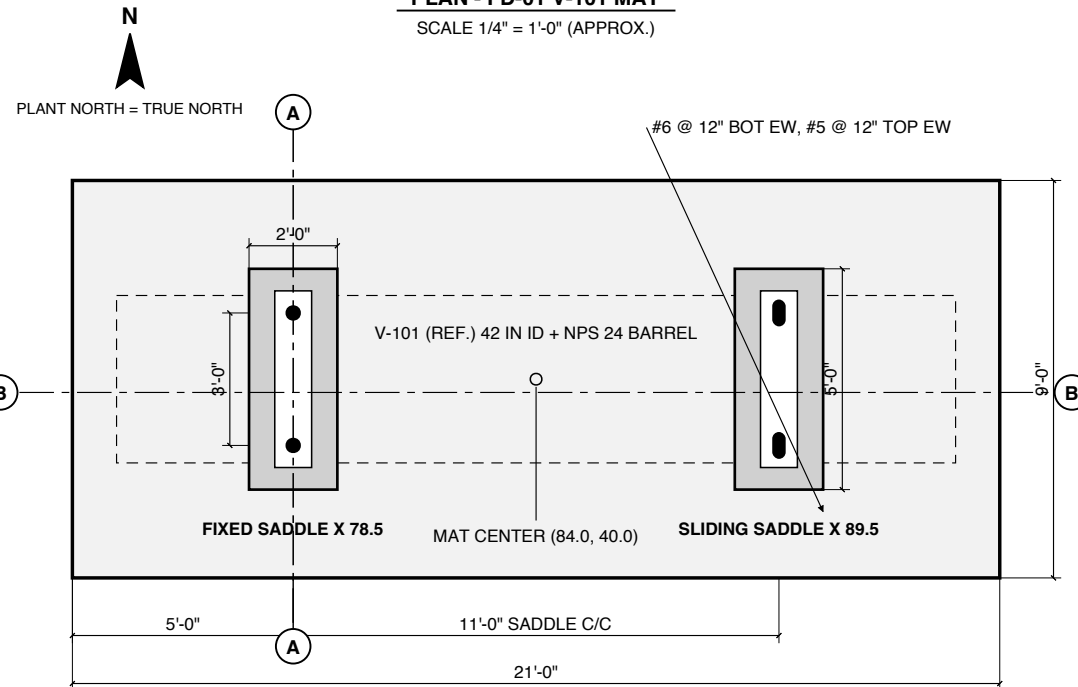
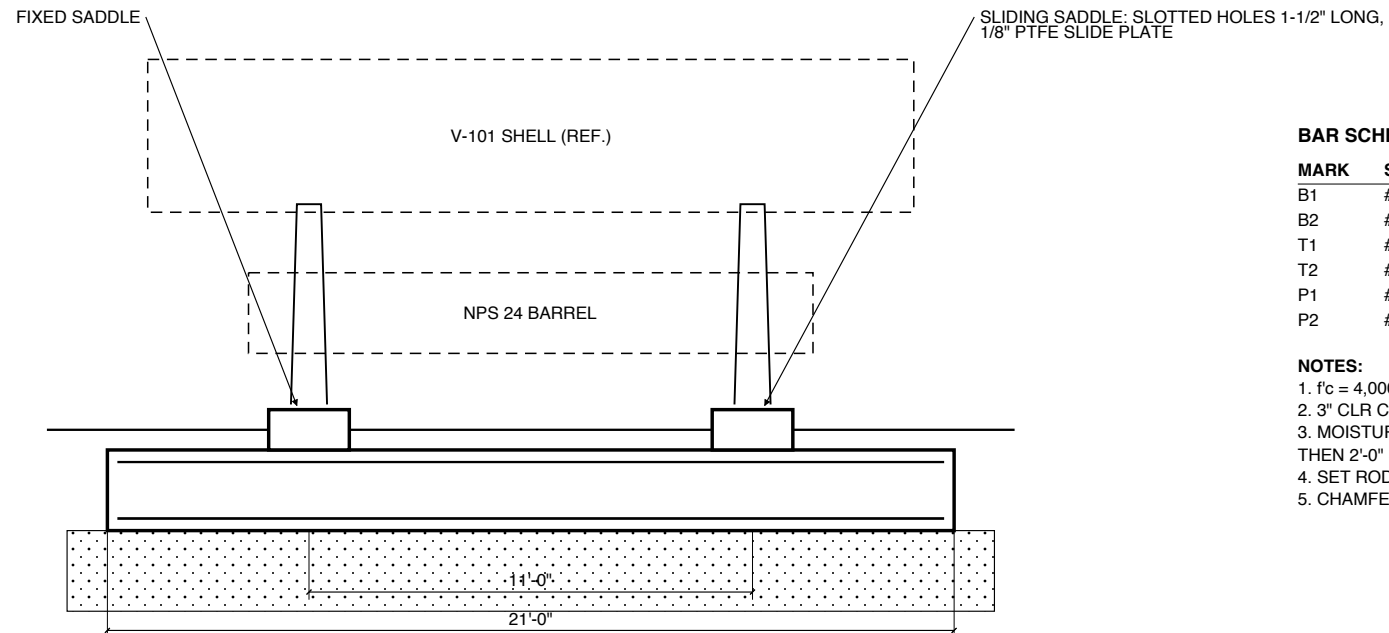


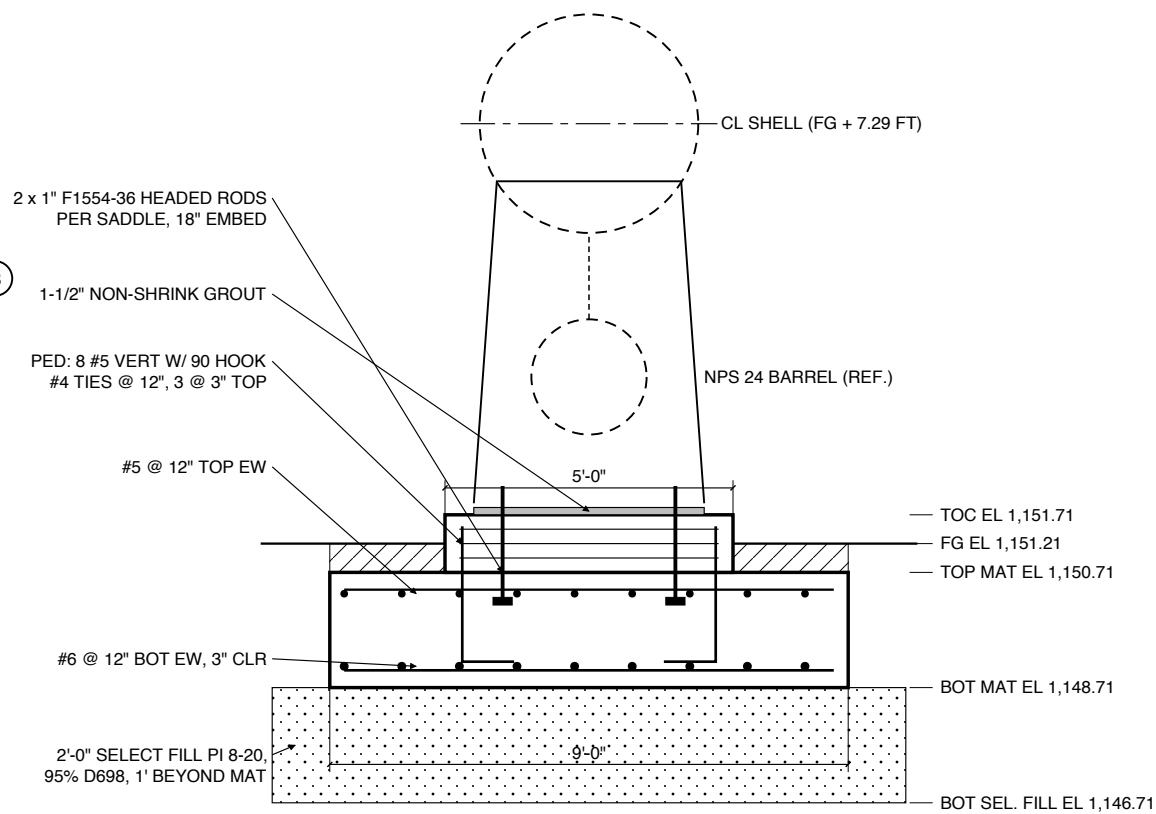
SCALE 1/4" = 1'-0" (APPROX.)



SCALE 3/16" = 1'-0" (APPROX.)



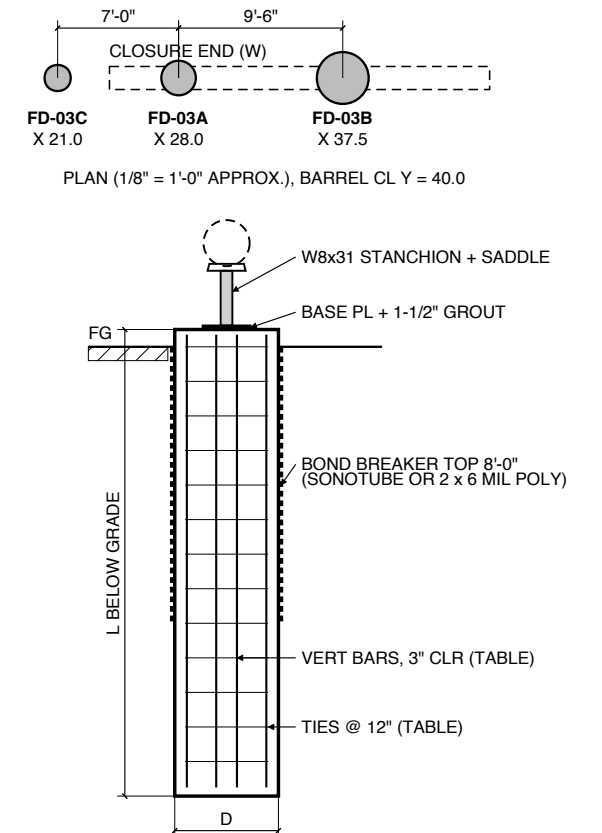
SCALE 3/8" = 1'-0" (APPROX.)



MARK	SIZE	NO.	LENGTH	LOCATION
B1	#6	9	20'-6"	BOT, E-W @ 12"
B2	#6	21	8'-6"	BOT, N-S @ 12"
T1	#5	9	20'-6"	TOP, E-W @ 12"
T2	#5	21	8'-6"	TOP, N-S @ 12"
P1	#5	16	4'-6" + HOOK	PED VERT, 8 EA
P2	#4	8	12'-6"	PED TIES, 4 EA

1. $f'_c = 4,000$ PSI; A615 GR 60; LAP 30 db MIN.
2. 3" CLR CAST AGAINST EARTH, 2" FORMED.
3. MOISTURE-CONDITION TOP 12" (0 TO +4% OMC), THEN 2'-0" SELECT FILL (CIV-RPT-001).
4. SET RODS BY TEMPLATE (HOLD H-15).
5. CHAMFER EXPOSED EDGES 3/4".

SCALE AS NOTED

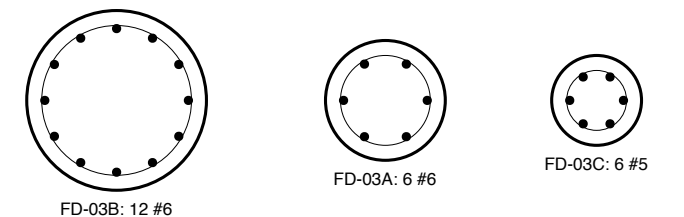


TYPICAL PIER ELEVATION (FD-03B SHOWN)

MARK	D x L	BARS	TIES	RODS	TOC
FD-03A	24" x 13'	6 #6	#4 @ 12"	2 x 3/4" (slotted)	1152.27
FD-03B	36" x 13'	12 #6	#4 @ 12"	4 x 1"	1152.17
FD-03C	18" x 13'	6 #5	#3 @ 12"	2 x 5/8"	1152.34

FD-03A SLIDING (SLOTTED HOLES); FD-03B FIXED: 4 x 1" RODS
ON 12" SQUARE, CARRIES BARREL RESTRAINT (STR-CAL-002);
FD-03C PIG TRAY / CLOSURE-END SUPPORT.

PIER SECTIONS (1" = 1'-0" APPROX.)



1. DESIGN PER STR-CAL-002 (FD-01, FD-03A/B/C); LOADS PER STR-CAL-001.
2. GEOMETRY PER MEC-DS-001: 42 IN ID V-101 WITH NPS 24 BARREL.
3. ELEVATIONS NAVD88; FG FROM CIV-DWG-003; TOC = FG + 6". LOCATIONS PER STR-DWG-001.
4. ALLOWABLE BEARING 2,000 PSF; CLAY PARAMETERS ASSUMED (HOLD H-07); EQUIPMENT DATA HOLD H-15.
5. ANCHOR RODS ASTM F1554 GR 36 GALV., HEAVY HEX NUT + PLATE WASHER AT EMBEDDED END.
6. PIERS: CLEAN BOTTOM, INSPECT, CONCRETE SAME DAY; TEMPORARY CASING IF CAVING (HOLD H-07).

REV	DATE	DESCRIPTION	BY	CHK	APP
A	2026-09-29	ISSUED FOR REVIEW (IFR)			

PRELIMINARY - ISSUED FOR REVIEW - NOT FOR CONSTRUCTION

NOT SEALED
PRELIMINARY

120 MMSCFD RECEIPT INTO _____

_____ COUNTY, _____
DISCIPLINE: STRUCTURAL
SCALE: AS NOTED

FD-01 MAT, FD-03A/B/C PIERS

DRAWN: _____ CHECKED: _____ APPROVED: _____

DWG NO.

STR-DWG-002

SHEET 1 OF 1 REV A