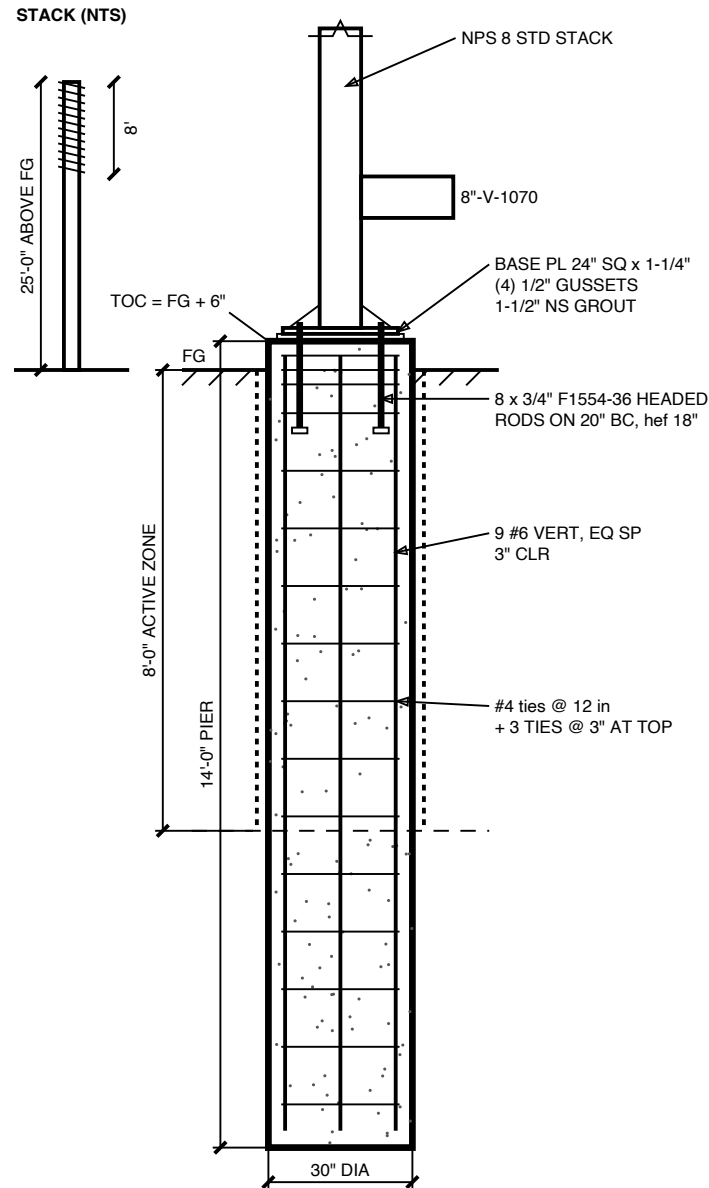
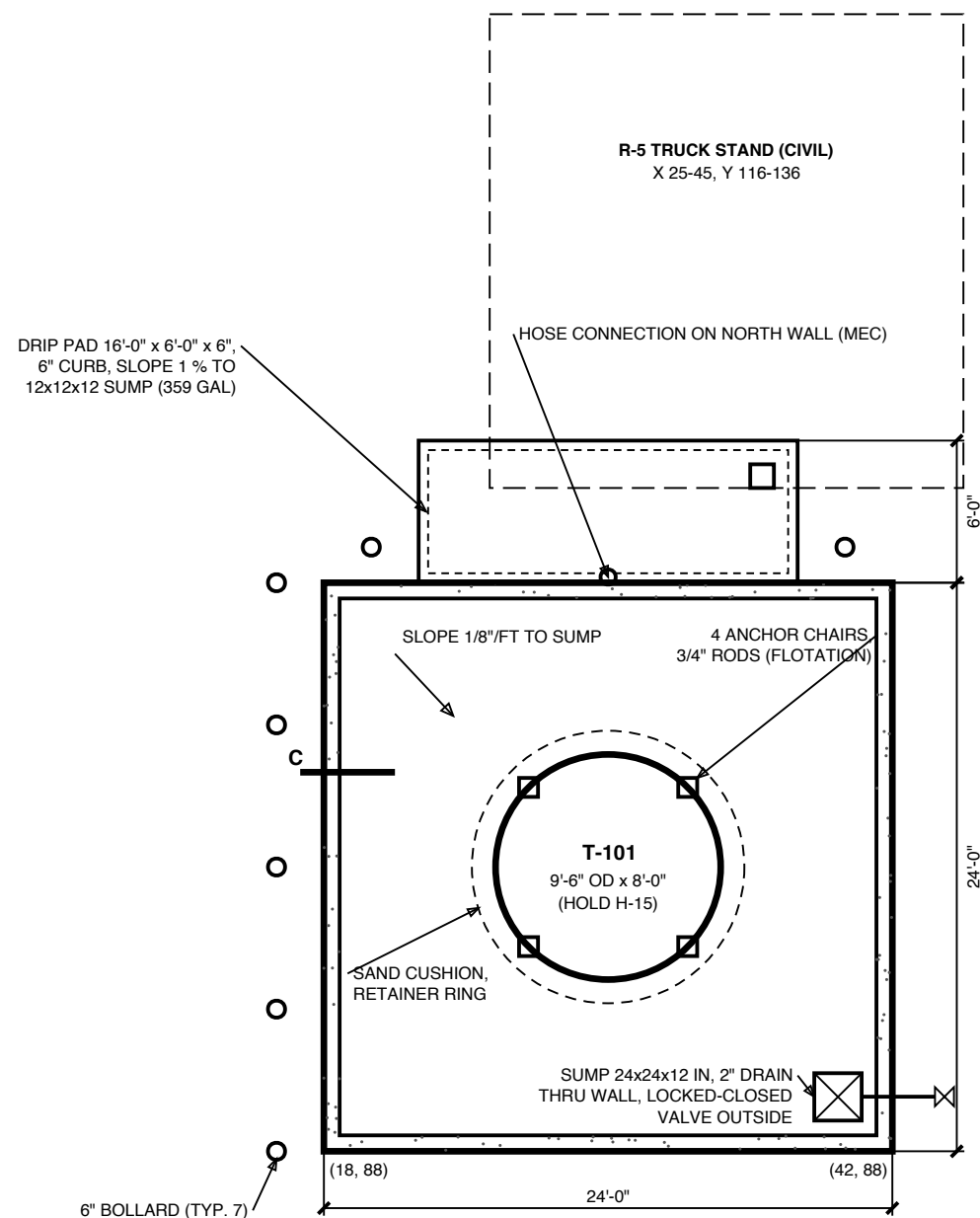


SCALE 5/16" = 1'-0"



X 18 TO 42, Y 88 TO 112; SCALE 1" = 8'-0"



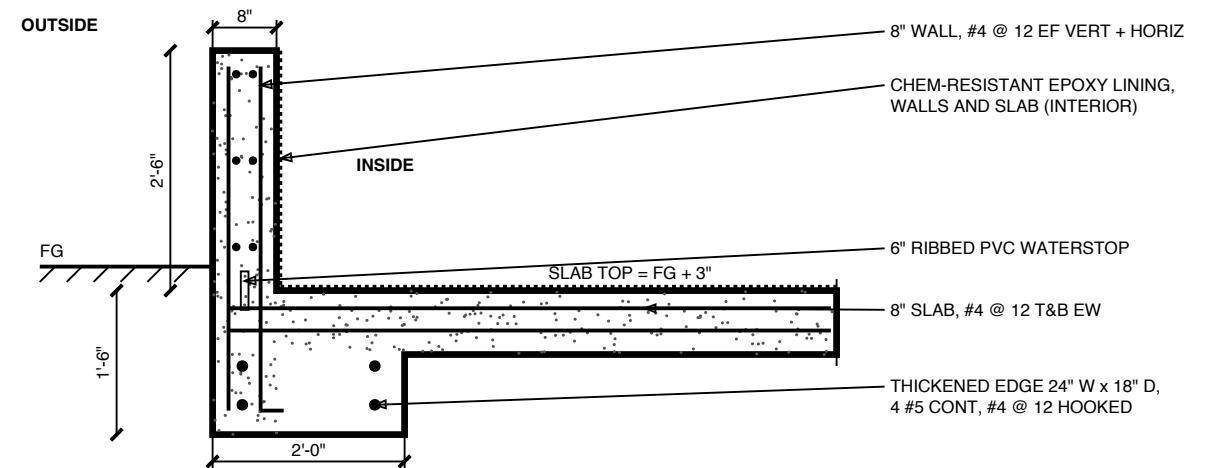
GRAPHIC SCALE



A horizontal scale bar with tick marks at 0, 5, 10, 15, and 20 feet. The text "20 FT" is at the right end.



SCALE 1/2" = 1'-0"



24" SELECT FILL (PI 8-20) ON MOISTURE-CONDITIONED SUBGRADE

Containment inside plan	24'-0" x 24'-0" = 576 SF
Largest tank shell capacity	4,242 GAL (101 BBL)
110 % of shell capacity	624 CF
25-YR 24-HR RAIN 6.33 IN on 576 SF	304 CF
Net area (less tank footprint)	505.1 SF
Required liquid height	1.84 FT
Freeboard	0.50 FT (6 IN) + ROUNDING
Wall height above slab	2'-6" (30 IN)
Volume available at wall top	1,263 CF = 9,446 GAL
Empty tank flotation, net uplift	8.8 KIP -> 4 ANCHOR CHAIRS

24x24x12 IN SUMP, SLAB THICKENED TO 12 IN BELOW, 2 #5 EA SIDE

SLAB SLOPES 1/8"/FT TO SUMP

1. fc = 4,000 PSI, W2 EXPOSURE (CONTAINMENT); A615 GR 60; 2 IN CLEAR FORMED, 3 IN AGAINST EARTH.
2. NO JOINTS IN 24 FT CONTAINMENT; WALL-SLAB COLD JOINT WITH PVC WATERSTOP, HYDRO-TEST 24 H.
3. CONTAINMENT AT X 18-42, Y 88-112. TANK 9'-6" x 8'-0" (HOLD H-15).
4. VS-101: HELICAL STRAKES TOP 8 FT REQUIRED. PIER 8 FT BOND BREAKER AT TOP.
5. LOADOUT FROM R-5 TRUCK STAND; HOSE CONNECTION ON NORTH WALL OVER DRIP PAD.

REF: STR-CAL-002: CIV-RPT-003: STR-DWG-001

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

NOT SEALED
PRELIMINARY

120 MMSCFD RECEIPT INTO _____

_____, _____
DISCIPLINE: STRUCTURAL
SCALE: AS NOTED

VS-101 AND T-101 CONTAINMENT
PIER, CONTAINMENT PLAN, SECTIONS

DRAWN: _____ CHECKED: _____ APPROVED: _____

DWG NO.

STR-DWG-005

SHEET 1 OF 1 REV A