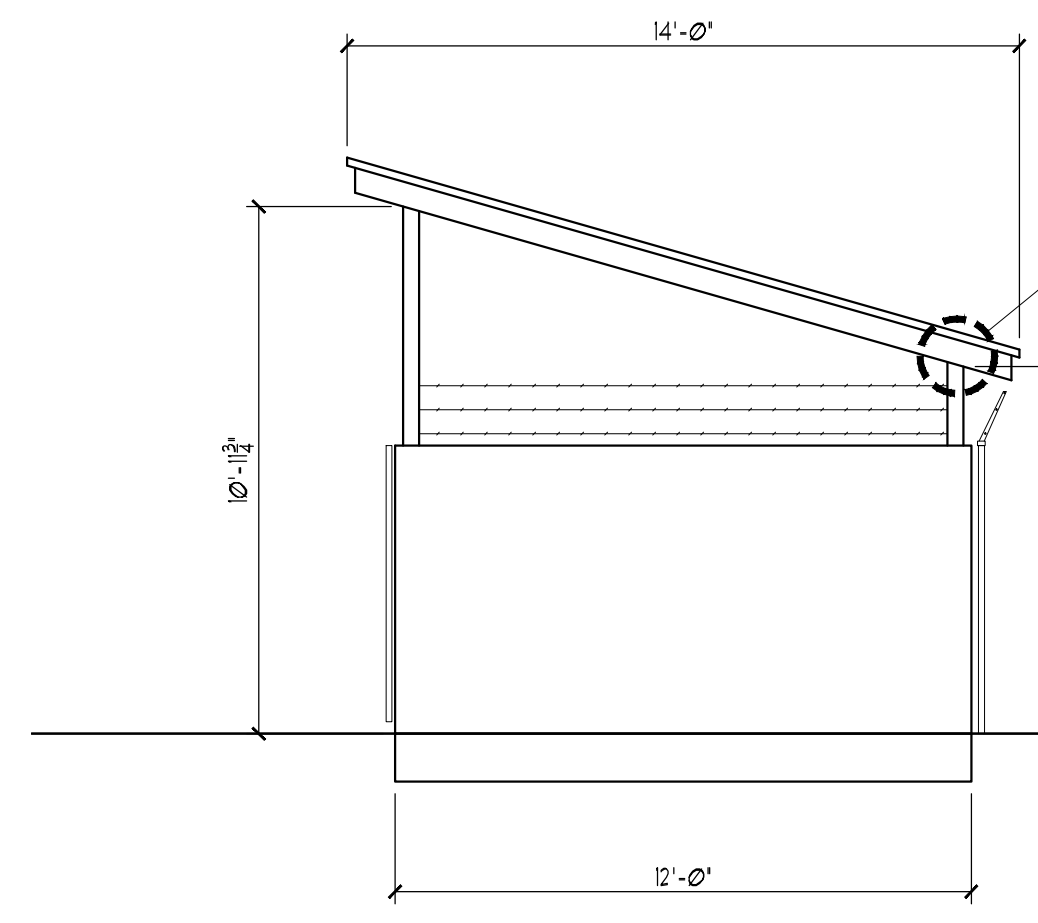
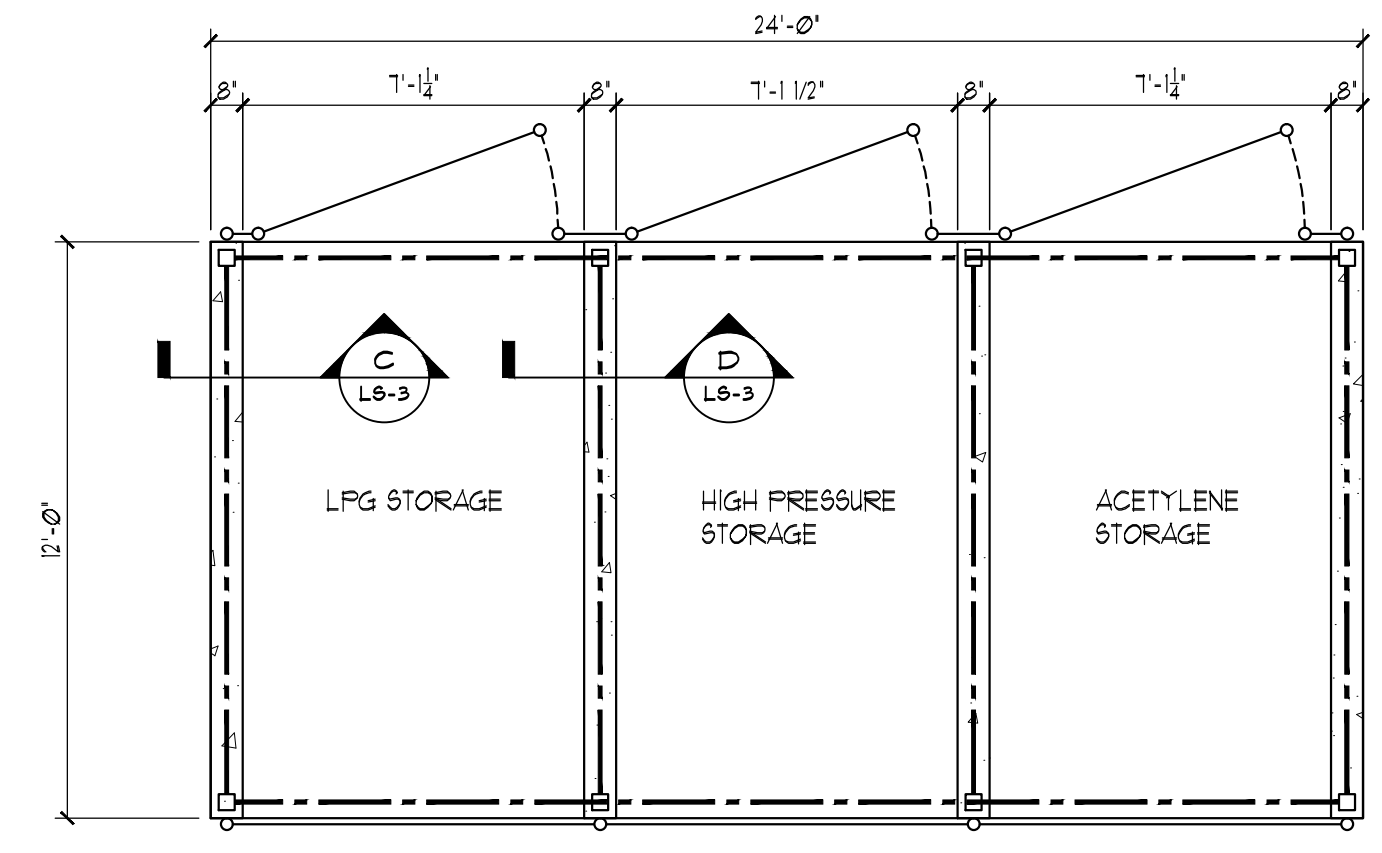


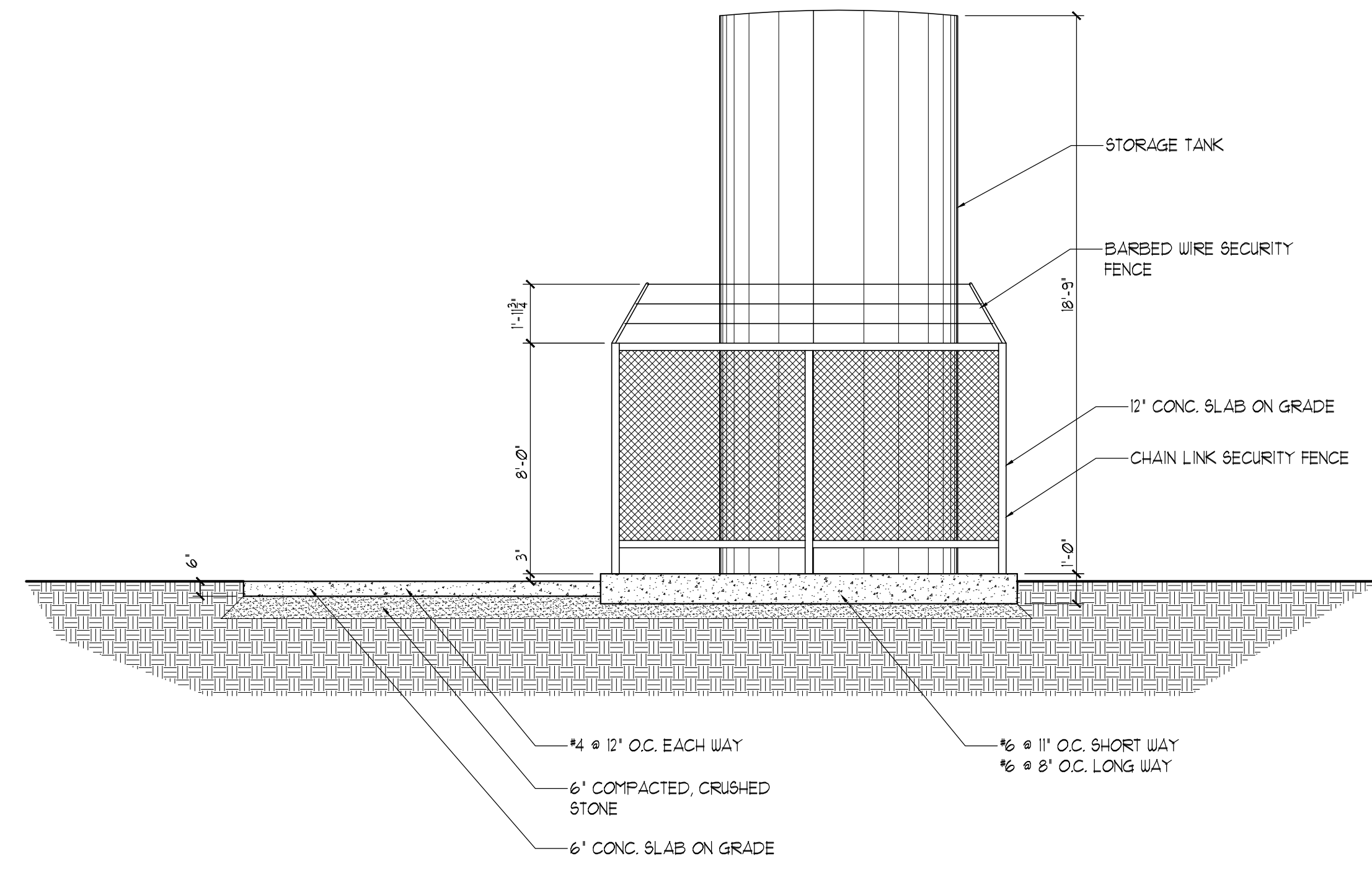
5 BULK STORAGE PLAN  
1/4" = 1'-0"



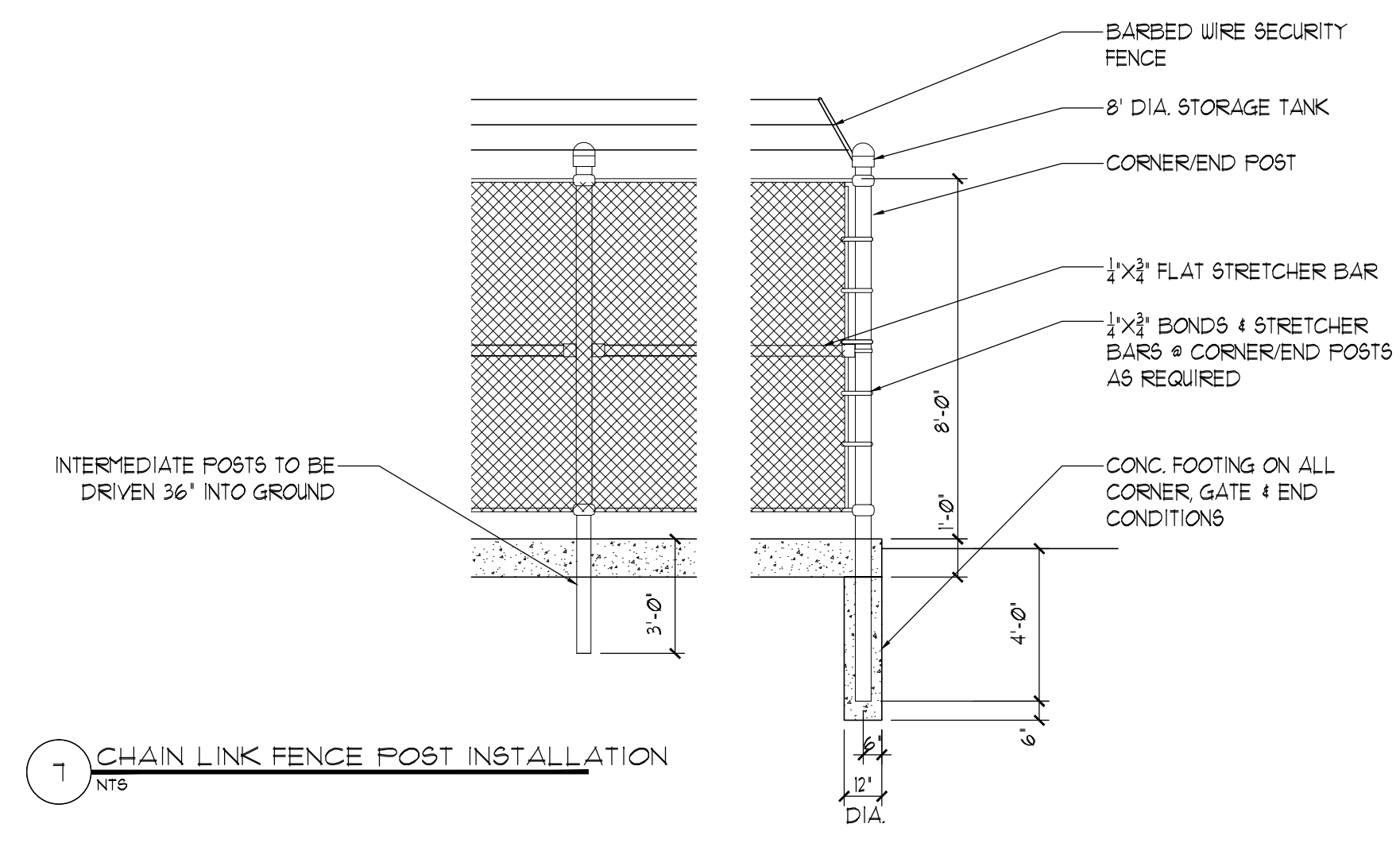
4 SIDE ELEVATION  
1/4" = 1'-0"



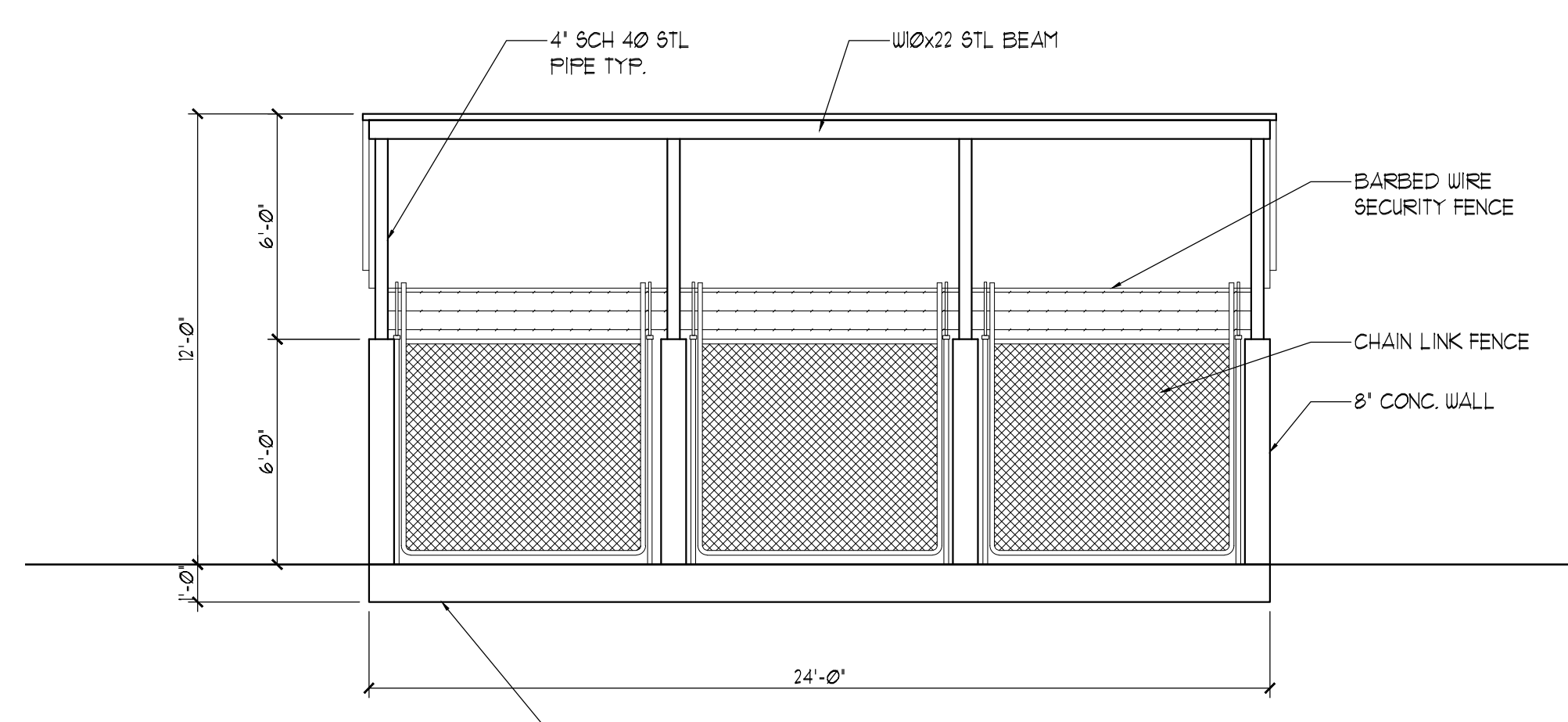
1 EXTERIOR FLAMMABLE GAS CYLINDER STORAGE  
1/4" = 1'-0"



6 BULK STORAGE PLAN  
1/4" = 1'-0"



7 CHAIN LINK FENCE POST INSTALLATION  
NTS



2 FRONT ELEVATION  
1/4" = 1'-0"

### Airgas

#### CONCRETE PAD DETAILS FOR CRYOGENIC BULK TANK INSTALLATIONS 575 TO 3400 GALLON CAPACITY

APPROXIMATE TANK DIMENSIONS & CAPACITIES							
Model	Height	Tank Diameter	Net Cap. Gallons	Weight Empty	Weight Full	Weight Full w/ Air	Weight Full w/ N <sub>2</sub>
575	18'-0"	5'-0"	535	5800	10,500	9400	12,000
680	13'-0"	5'-0"	600	7500	13,200	11,500	14,500
975	15'-0"	6'-0"	920	9300	16,100	15,500	20,000
1500	15'-6"	6'-6"	1490	10,300	20,600	24,800	28,000
3125	18'-6"	8'-0"	3005	17,100	45,700	37,400	52,000
3170	19'-10"	7'-0"	3050	18,500	47,500	39,100	54,000
3400	17'-5"	8'-0"	3250	18,500	49,500	40,400	56,300

**Pad Specifications**

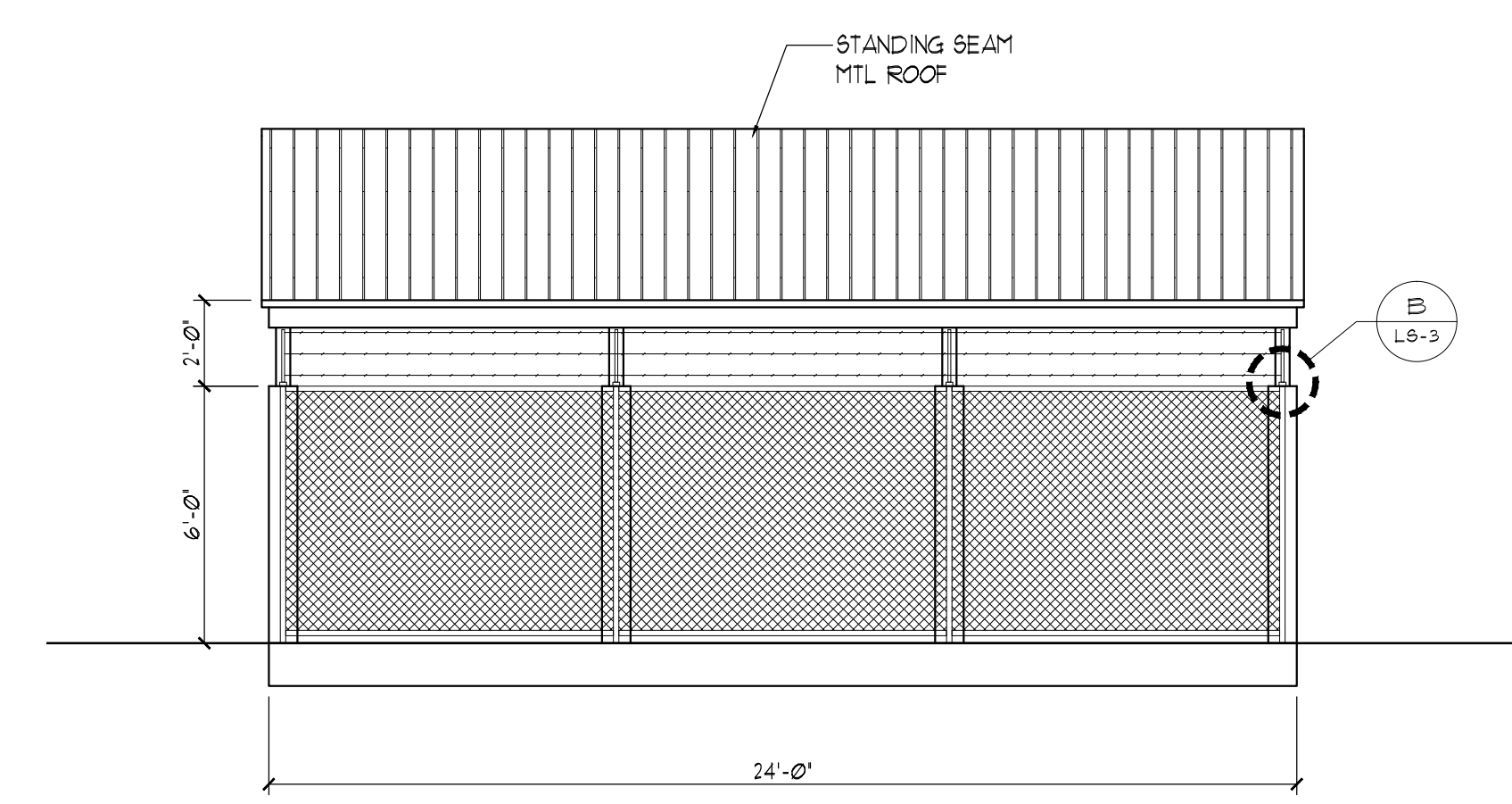
Concrete: 4000 PSI @ 28 Days.  
 Reinforcing: ASTM A615 Grade 60  
 Soil Bearing Capacity: 2000 PSF (minimum)  
 Grounding: Per N.F.P.A. 70, N.E.C. Article 501 & Dwg. PIP2

**Pad Dimensions and Reinforcing:**  
 Tank Pad: 14'-0" x 20'-0" x 12" thick  
 Bottom: 21-#6 at 8" On Center Long Way  
 22-#6 at 11" On Center Short Way  
 Top: None  
 Transport Pad: 12'-0" x 12'-0" x 6" thick  
 #4 at 12" On Center Both Ways

**Work This Drawing With:**  
 PIP1 - Pad Installation Procedure  
 PIP2 - Grounding Specifications  
 PIP3 - Standard Bolt Detail  
 EIP1 - Tank Anchoring Procedure  
 EIP2 - Tank Anchoring Procedure  
 EIP4 - Vaporizer Anchoring Procedure

**See Technical Services Representative For Final Site Approval.**

**Small Tank Pad 575 to 3400 Gallon Capacity For Industrial / Commercial Use**  
 Date: 11/11/07 **STP1**



3 BACK ELEVATION  
1/4" = 1'-0"

**NOTE:**  
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