

Job Name: 24-4344 - LINCOLN LAKE DAM REHABILITATION
Job Location: Lincoln City, IN
Contractor: Omni Earthworks

PC: E. Bradley
 TECH: J. Horsley - F
 Plant: 100

Structure ID: **HW 504**
 Spec: HEADWALLS
 Type: HW PIPE CULVERT CUSTOM
 Size: 48"

Rim: 4.5'
 Invert: 4.5'
 Rim to Invert: 0'

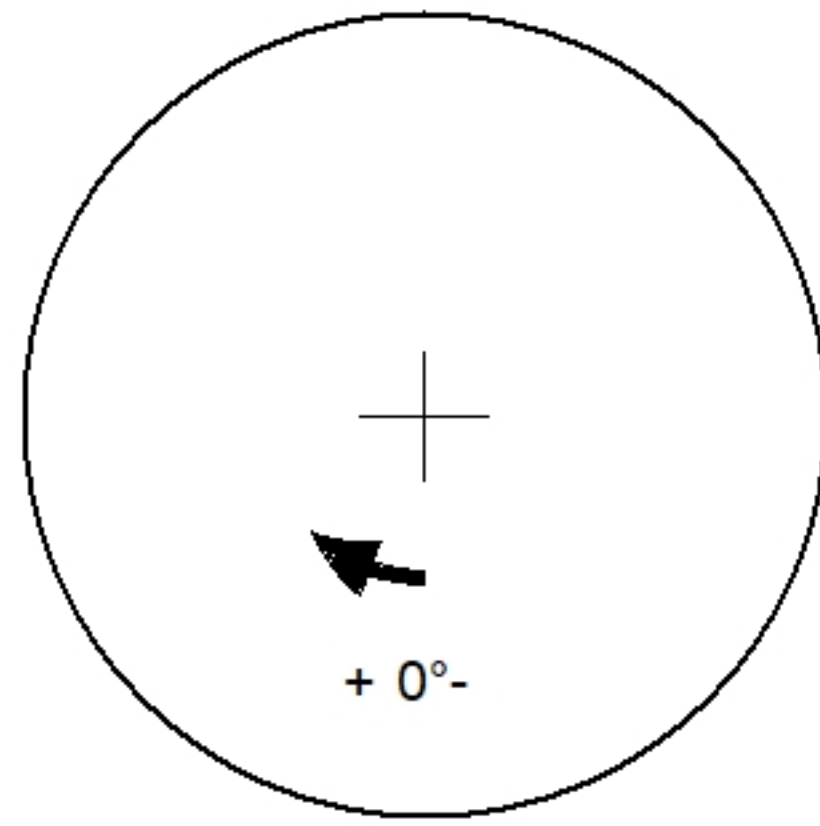
Sump: 54"
 Floor (Top): 0'
 Floor Height: 0"

Floor (Bot): 0'
 Overall Height: 4'
 Slack: 6"

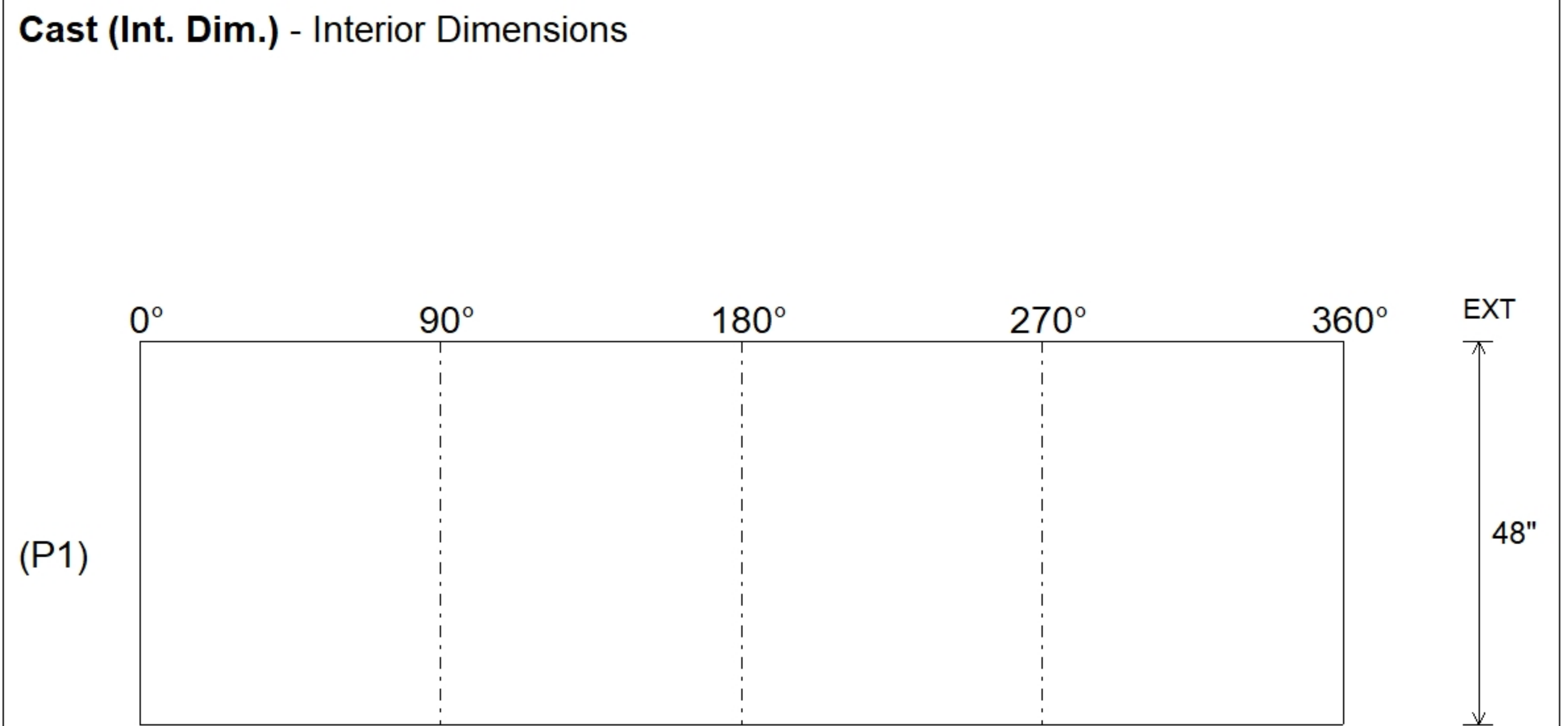
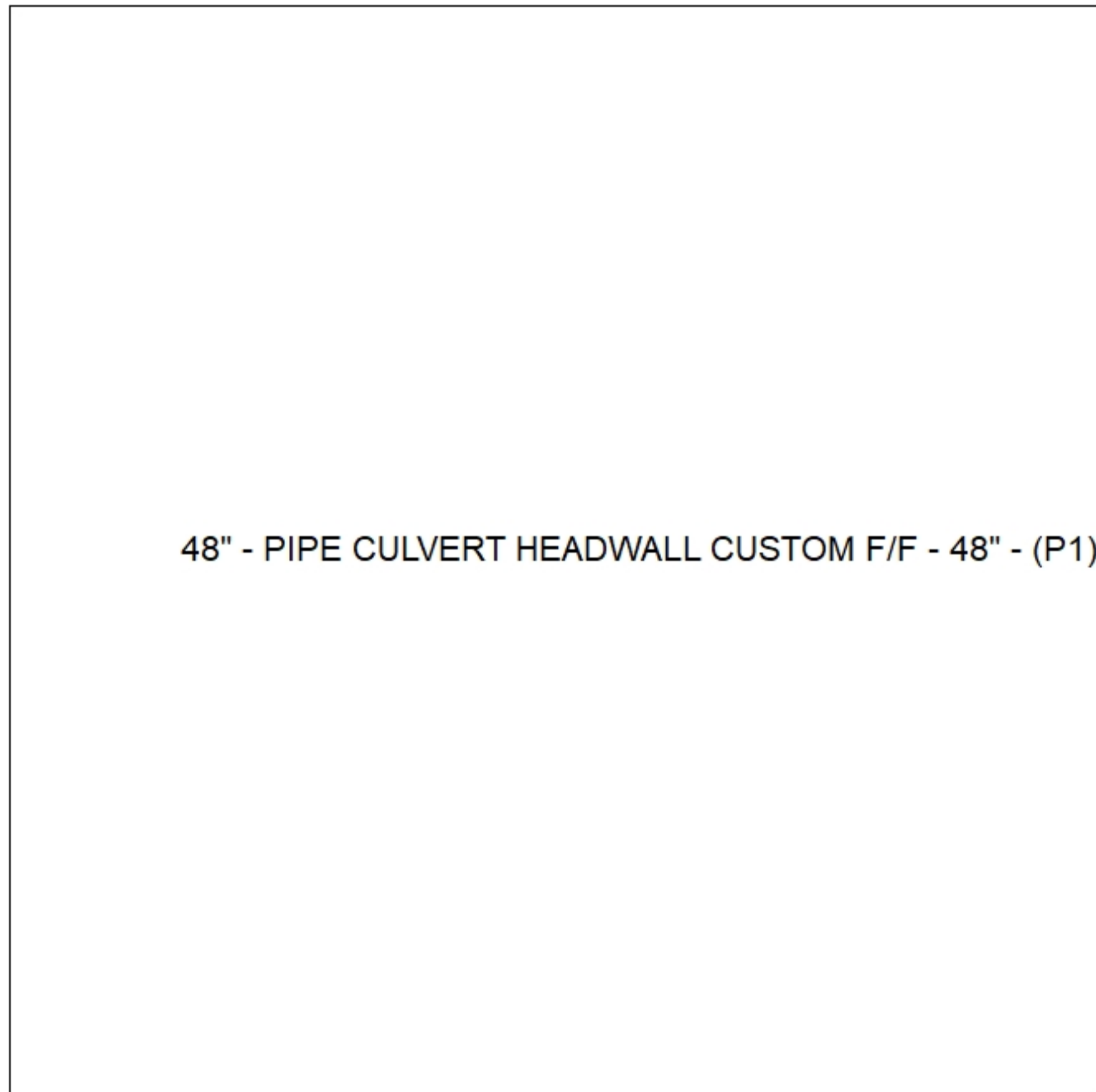
Structure Notes:
 1. PER ASTM C478 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. NO STEPS AND NO INVERT CHANNEL.
 4. CASTING BY I-CAST (EJ ERGO XL Fr./HINGED COVER 41600521L01)).

REINFORCING PER ASTM A615 (GRADE 60)..
 - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W..
 - RISER/WALLS (As .18)
 - FLOOR (As .37) #5 BARS AT 10" C.C.E.W.

STRUCTURE SUMMARY:
 P1) 48" - PIPE CULVERT HEADWALL CUSTOM F/F - 48" 13200 lb
 Structure Total: 13200 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up ()	Ref
Rim	4.5'							
Reducer								
Invert 1								
Invert 2								
Invert 3								
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								



Submittal Drawing
 10/30/2025 9:20:39 PM

SUBMITTAL
 APPROVED BY: