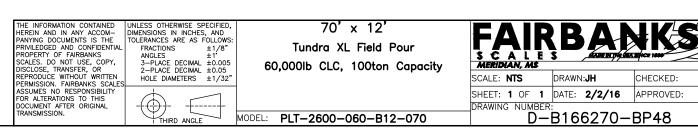


- 1. All concrete material and workmanship to be in accordance with the current American
- with required details. Rebar shall be free of all mud, debris, cement grout, loose rust, grease and oil that would impair bonding. Space bars properly and tie securely in
- another in order for load cell plates to bear properly. Vertical rebar for piers may be optionally drilled—and—epoxied in place. Some states require that concrete piers be poured monolithic with the side walls (recommended method).

## GROUNDING AND ELECTRICAL NOTES:

- 1. Install (2) 3/4" x 8'-0" long ground rods to project 4" Tie ground rods to slab rebar. Two ground rods are supplied with scale: 1.1. One for grounding Intalogix Power Supply. Position the ground rod to match the chosen location for the PPS. The PPS may be located at any section.
  - 1.2. One for grounding scale weighbridge. Place within 3ft of a main beam, at any convenient location. The power supply ground must be separate from weighbridge ground, and should be at least 4'-0" from power supply ground.
- 2. Install minimum 1 1/2" conduit for cable from junction box to scalehouse. Suitable conduit for low voltage conductor shielded cable must pass through the wall at any point above pier tops that is convenient. Conduit to extend a minimum of 2" beyond the surface. Conduit is not supplied from the factory.
- 3. If alternating current (AC) is required near the scale, it shall not run closer than 36" in parallel with any load cell or other signal carrying cable.



Top View <u>Top View</u> PRINTED 03 FEBRUARY 2016 - 2:37PM BY BEN LOCKHART

(5) HR2

(3) BR3 @ 12" O.C. REQ'D EACH CORNER (3) HR2

**-**1'-3" 1'-3" <del>-</del>

—(12) HR2 @ 15" O.C. Top Face

\_\_ @ 18" O.C.

(4) HR6 required each (4) HR7 required each pier. 2" cover all sides. pier. 2" cover all sides. Embed min. 6" in slab, Embed min. 6" in slab, -or- drill and epoxy. -or- drill and epoxy. CORNER REINFORCING DETAIL PIER REINFORCING

(5) HR2

SAFETY PIER REINFORCING

 $\sim$  5/8" X 6" BOLTS FOR CENTER LINE OF SCALE SÍDE CHECKING. BOLTS 3'-7 3/4" TO PROJ. 1 1/2" TYP. (4) REQ'D EACH END. END WALL -1'-8 1/2" 2'-6" BUMPER PLATE W/(2) 5/8" X 6" BOLTS. BUMPER PLATES ÉMBÉDDED FLUSH IN ENDWALL. BOLTS TO PROJECT 1" BEYOND FACE OF PLATE. (2) PLATES REQ'D EACH END WALL.

—(12) HR9 @ 15" O.C. Top Face——

SECTION B-B

END WALL CHECKING DETAIL