

INTERIOR PIER DETAIL

typical all interior sections

Minimum thickness

as required for

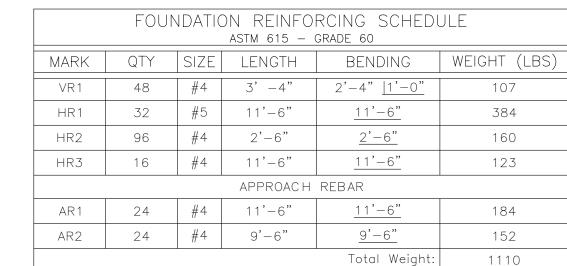
concrete or ashpalt.

) (O) (O)

O O 🚳

) (O) (O)

⊢4 1/2"



FOUNDATION CONCRETE

3500 PSI MINIMUM

6.75

7.00

7.50

20.75

LOCATION

TOTAL CONCRETE

MINIMUM EXCAVTION

WASHOUT

APPROACHES

3.3. Any slope in the remaining portion of the approach shall ensure ease of vehicle access, ease for testing purposes, and drainage away from the scale. 4. N.I.S.T. H-44 requirements and local weights and measures regulations may require

3.2. The length of at least one—half the length of the platform but not required to be

installation parameters somewhat different than illustrated on this plan. In order to insure compliance, consult the local Fairbanks service office prior to installation.

5. Refer to manual for all installation and operation instructions.

6. Fairbanks does not recommend using foundation or ground installed guide rails along the sides of the truck scale platform. Damage may occur to the scale if the vehicle hits the guide rail, transferring damaging forces to the platform and the checking system. usage of this style guide rail will void the product warranty. If guide rails are necessary, please use fairbanks accessory rub rails.

7. A minimum of 24" of clearance is required on both sides of the scale in order to access load cells, electronics, and checking hardware.

## REINFORCING STEEL NOTES

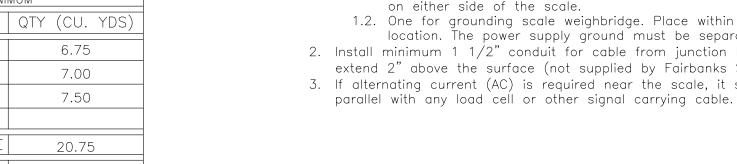
- 1. Reinforcing steel are to be ASTM 615, Grade 60 or equal. Bend bars cold to conform with required details. Rebar shall be free of all mud, debris, cement grout, loose rust, grease and oil that would impair bonding. Space bars properly and tie securely in position before pouring concrete. Tack welding of bars is prohibited
- 2. Rebar cover: 2.1. Concrete cast against earth: 3" 2.2. Formed concrete exposed to earth or weather: 2"

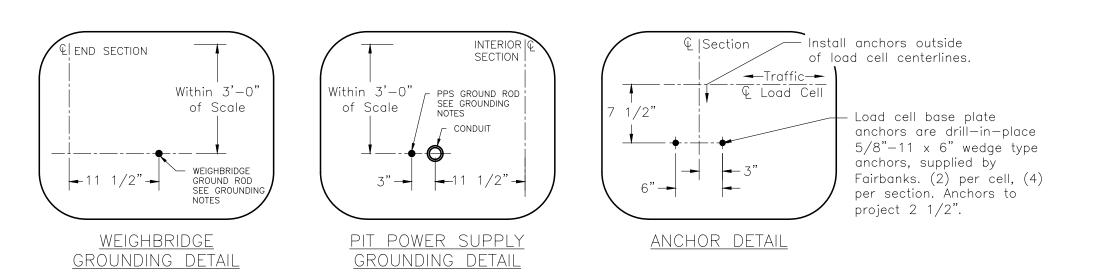
2.3. Cover at termination end of rebar: 3"

3.1. At least the width of the platform.

## **GROUNDING AND ELECTRICAL NOTES:**

- 1. Install (2)  $3/4" \times 8'-0"$  long ground rods to project 4" above the surface. 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 interior section, and on either side of the scale.
  - 1.2. One for grounding scale weighbridge. Place within 3ft of scale, at any convenient location. The power supply ground must be separate from weighbridge ground.
- 2. Install minimum 1 1/2" conduit for cable from junction box to scalehouse. Conduit to extend 2" above the surface (not supplied by Fairbanks Scales). Position near PPS. 3. If alternating current (AC) is required near the scale, it shall not run closer than 36" in





END WALL LAYOUT DETAIL

FRONT VIEW

(12) HR2 @ 12" O.C

Minimum thickness

as required for

concrete or ashpalt.

1'-3"

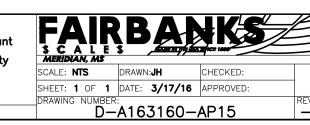
(4) HR3 @ 9" O.C —

END PIER DETAIL

typical both end sections

Trident 80k Precast Undermount 80,000lb CLC, 100ton Capacity

MODEL: PLT-6030-080-A11-060



8" I Remove all top soil. The subgrade

must be firm and unyielding. Compact if necessary and as

available material, aggregate

preferred.

EMBEDDED END -

BUMP PLATE

ASSEMBLY

TOP OF PIER OR SLAB

END WALL LAYOUT DETAIL

SIDE VIEW

required. Backfill with the best

APPROACH COPING -

L3"x3"x1/4"

SUPPLIED WITH SCALE

— BOLT OR LAG COPING TO FORMS BEFORE POURING APPROACH

USE PROVIDED 3/4"x3" BOLTS TO SECURE END BUMP PLATE TO FORMS. MUST BE FLUSH

WITH FACE OF END WALL.