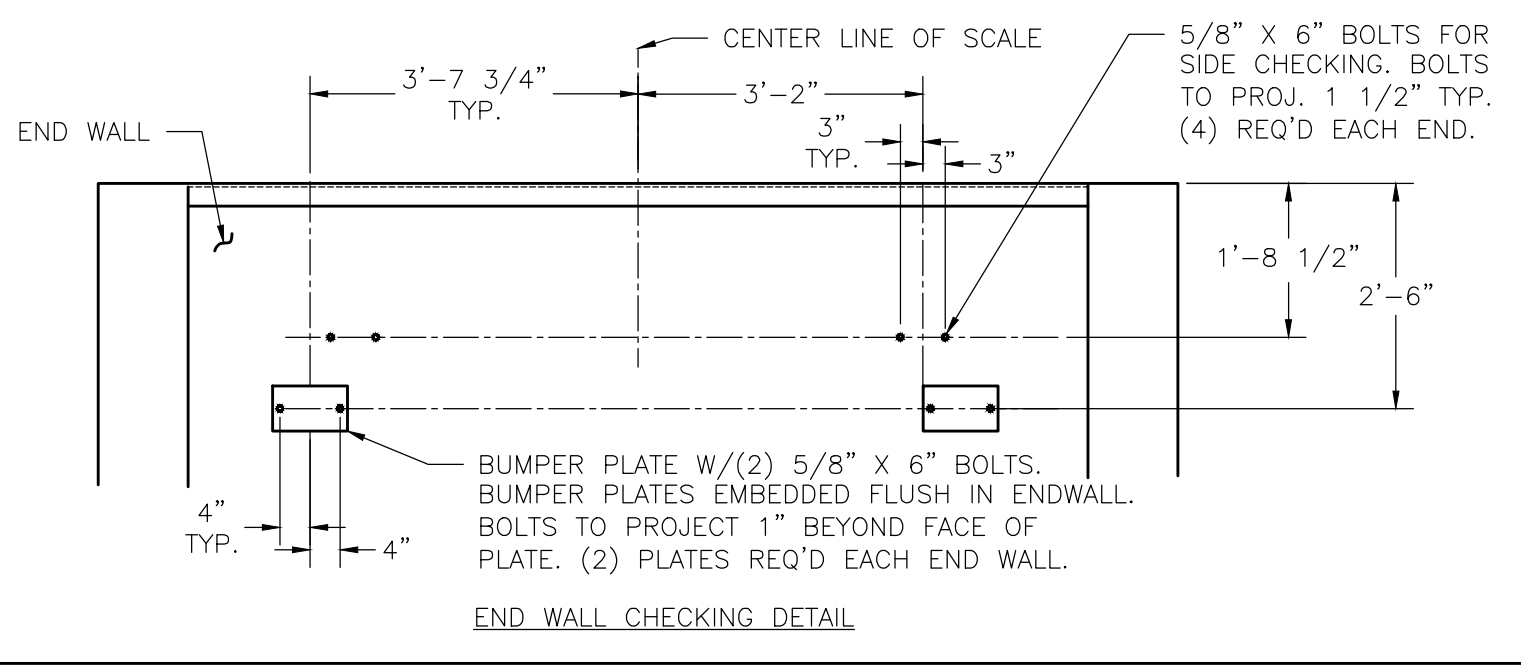
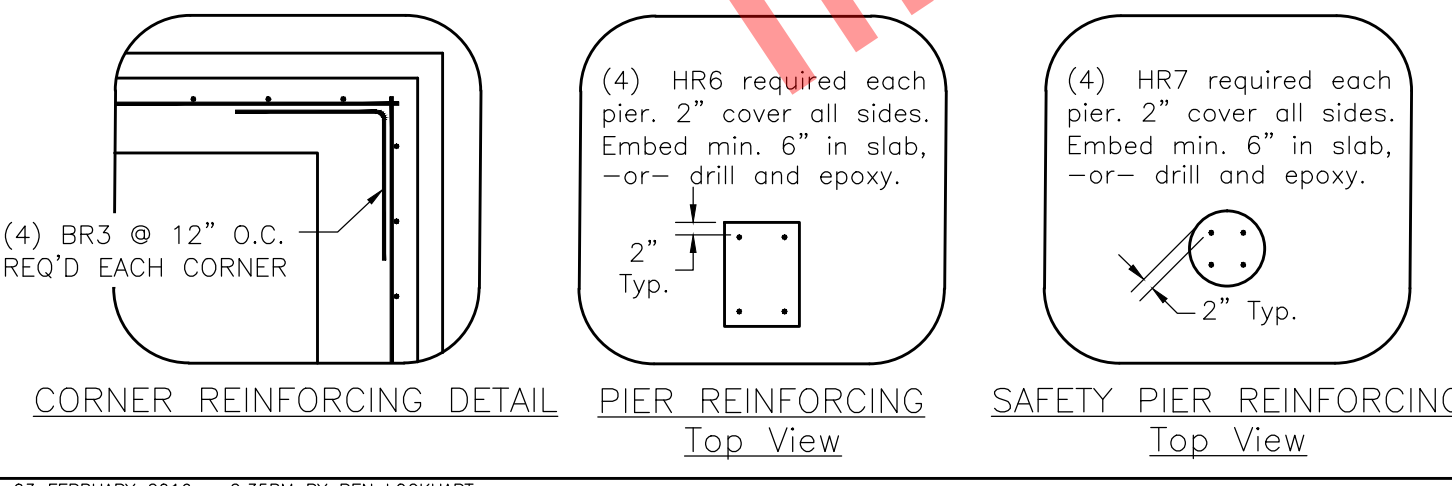


FOUNDATION REINFORCING SCHEDULE					
ASTM 615 - GRADE 60					
MARK	QTY	SIZE	LENGTH	BENDING	WEIGHT (LBS)
BR1	144	#4	8' - 6"	5' - 6" 3' - 0"	818
BR2	24	#6	6' - 10"	4' - 10" 2' - 0"	246
BR3	16	#4	4' - 0"	2' - 0" 2' - 0"	43
HR1	36	#6	12' - 2"	12' - 2"	658
HR2	92	#4	7' - 0"	7' - 0"	430
HR3	20	#4	12' - 2"	12' - 2"	163
HR4*	56	#4	19' - 6"	19' - 6"	729
HR5	8	#4	11' - 6"	11' - 6"	61
HR6	32	#4	2' - 3"	2' - 3"	48
HR7	48	#4	2' - 10"	2' - 10"	91
*Splice (4) HR4 to make 72'-10" in slab, 72'-2" in side walls.					
MIDSPAN REBAR BETWEEN LOAD CELL SECTION					
MR1	57	#4	12' - 2"	12' - 2"	463
MR2	30	#4	18' - 5"	18' - 5"	369
WWR 6x6 D10.0/D10.0 (Grade 60) can be used in place of midspan rebar. Approximately 665sq. ft. required.					
APPROACH REBAR					
AR1	20	4	11' - 6"	11' - 6"	154
AR2	24	4	9' - 6"	9' - 6"	152
Total Weight					4425

FOUNDATION CONCRETE		
3500 PSI MINIMUM		
LOCATION	QTY (CU. YDS)	
SLAB	34.50	
WALLS	32.00	
PIERS	4.25	
SAFETY PIERS	1.00	
APPROACHES	6.00	
TOTAL CONCRETE 77.50		
MINIMUM EXCAVATION 328.75		
CLEARANCE DIMENSION 33"		

- CONCRETE AND REINFORCING STEEL NOTES
- All concrete material and workmanship to be in accordance with the current American Concrete Institute (ACI) code requirements.
 - All concrete to be a minimum of 3000psi at 28 days.
 - 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.
 - Rebar cover:
 - Concrete cast against earth: 3"
 - Formed concrete exposed to earth or weather: 2"
 - Cover at termination end of rebar: 3"
 - The top of all load bearing piers must be smooth, flat, level, and in plane with one 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:
- 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.
 - 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.
 - 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.
 - 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.
 - 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.



70' x 10'

Tundra XL Field Pour

60,000lb CLC, 100ton Capacity

FAIRBANKS

SCALE: NTS DRAWN: JH CHECKED: JH

SHEET: 1 OF 1 DATE: 2/2/16 APPROVED: JH

DRAWING NUMBER: D-B166070-BP60

MODEL: PLT-2800-060-B10-070