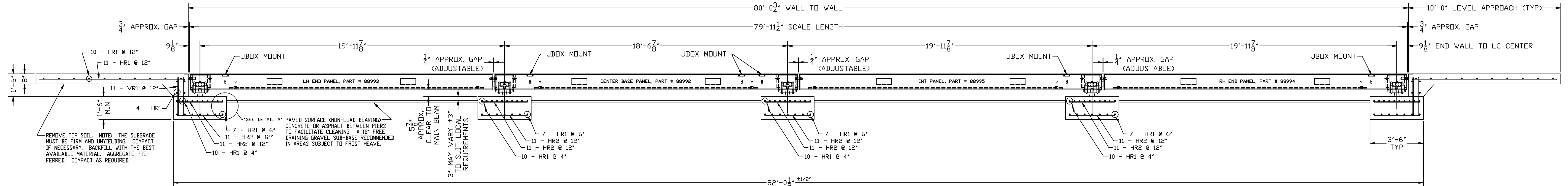


N.I.S.T. H-44 REQUIRES THAT ON THE APPROACH ENDS OF THIS VEHICLE SCALE, THERE SHALL BE A STRAIGHT APPROACH AT LEAST 40 FEET LONG. NOT LESS THAN 10 FEET OF ANY APPROACH ADJACENT TO THE PLATFORM SHALL BE LEVEL AND CONSTRUCTED OF CONCRETE OR SIMILAR DURABLE MATERIAL. ANY SLOPE IN THE REMAINING PORTION OF THE APPROACH SHALL INSURE EASE OF VEHICLE ACCESS, EASE FOR TESTING PURPOSES, AND DRAINAGE AWAY FROM THE SCALE.

INSTALL (2) 3/4" x 8'-0" LONG GROUND RODS (TO PROJECT 3") ONE FOR GROUNDING INTALOGIX POWER SUPPLY, ONE FOR GROUNDING SCALE WEIGHBRIDGE. POWER SUPPLY GROUND MUST BE SEPARATE FROM WEIGHBRIDGE GROUND. TWO GROUND RODS ARE SUPPLIED WITH SCALE.

PLAN VIEW



REMOVE TOP SOIL. NOTE: THE SURGRADE MUST BE FIRM AND UNYIELDING. COMPACT IF NECESSARY. BACKFILL WITH THE BEST AVAILABLE MATERIAL. AGGREGATE PREFERRED. COMPACT AS REQUIRED.

SEE DETAIL "A" PAVED SURFACE (NON-LOAD BEARING) CONCRETE OR ASPHALT BETWEEN PIERS TO FACILITATE CLEANING. A 12" FREE DRAINING GRAVEL SUB-BASE RECOMMENDED IN AREAS SUBJECT TO FROST HEAVE.

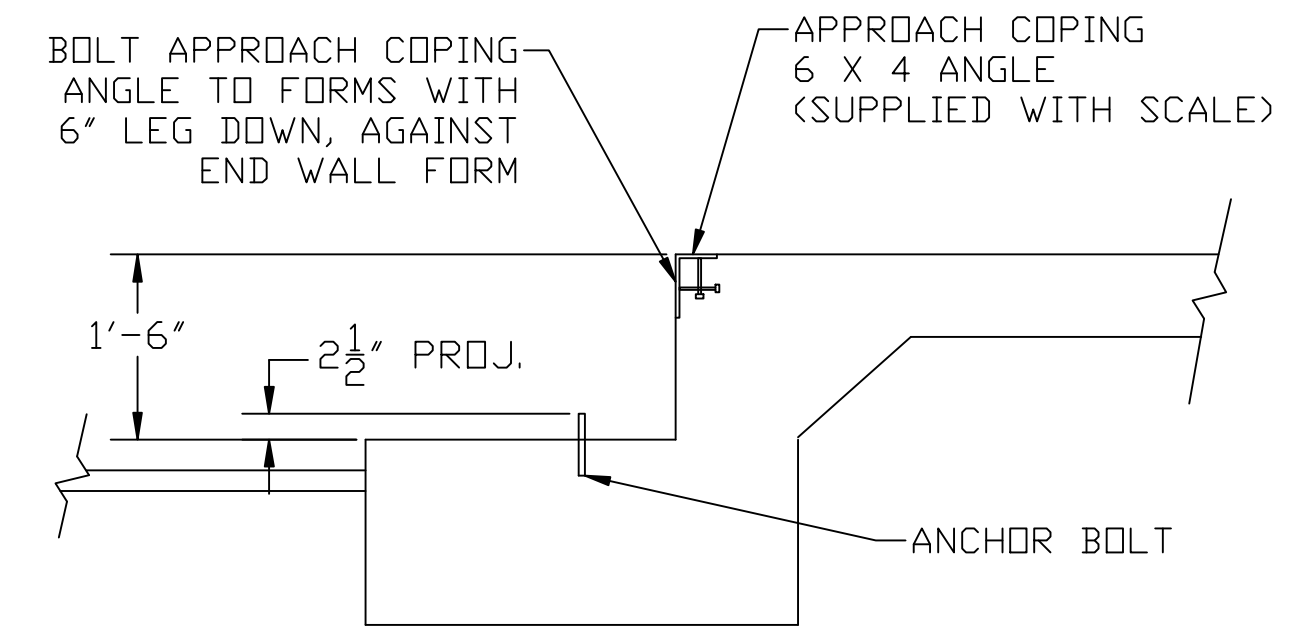
APPROX. CLEAR TO MAIN BEAM 5 1/2" APPROX. VARY ±3" TO SUIT LOCAL REQUIREMENTS

ELEVATION SECTION

FOUNDATION CONCRETE REQUIREMENTS 4000 P.S.I.	
AREA	QUANTITIES
PIERS AS SHOWN	11 CU. YD.
APPROACHES	7 CU. YD.
FLOOR AT 2" THICK	4.5 CU. YD.
TOTAL	22.5 CU. YD.

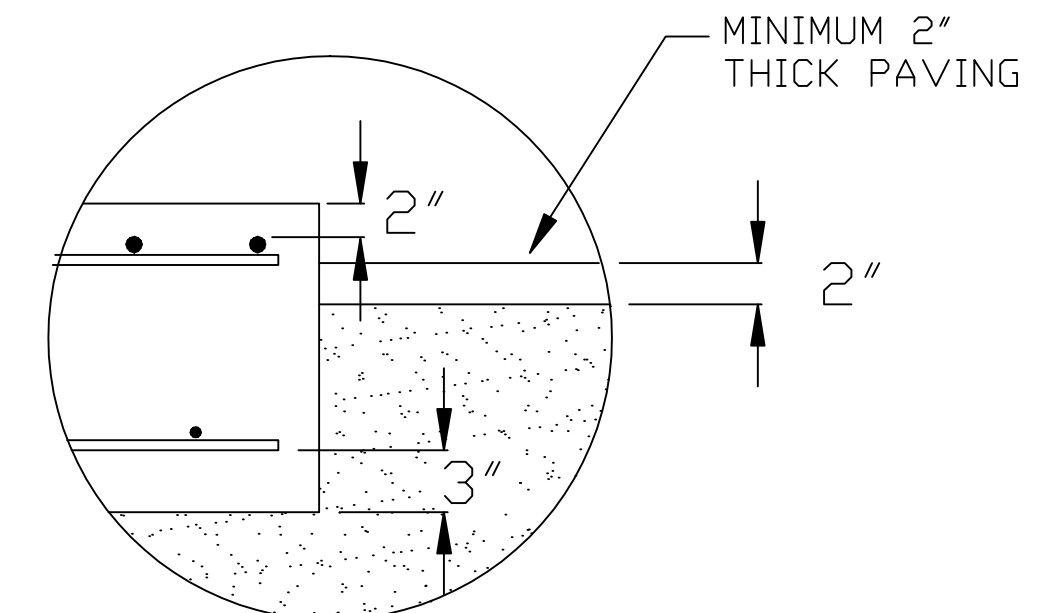
FOUNDATION REINFORCING BAR SCHEDULE ASTM A615 GRADE 60					
MARK	NO.	REQ'D.	SIZE	LENGTH	WT.
HR1	113	#4	10'-6"	793	
HR2	110	#4	3'-0"	221	
HR3	22	#4	9'-6"	140	
VR1	44	#4	2'-6"	74	
TOTAL WT:					1228

REINFORCING STEEL NOTES:
1. REINFORCING STEEL SHALL BE FREE OF ALL MUD, DEBRIS, CEMENT GROUT, LOOSE RUST, GREASE, AND OIL.
2. TACK WELDING OF BARS IS PROHIBITED.



DRILL TYPE ANCHOR INFORMATION
(DRILL TYPE ANCHORS PROVIDED WITH THE SCALE)
FOR THE LC STANDS (20 REQUIRED):
5/8 DIA X 6" STUD TYPE ANCHORS
DRILL DIA 5/8", DRILL DEPTH 3 1/2"

ANCHOR DETAIL

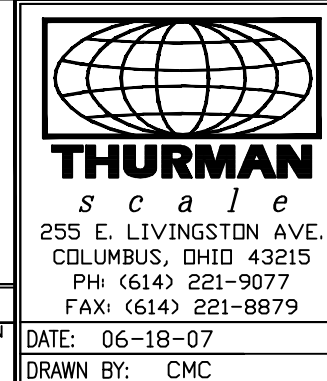


"DETAIL A"

NOTES:

- FOUNDATION SHOWN IS DESIGNED FOR SOILS WITH A MINIMUM BEARING CAPACITY OF 3000 PSF AND ADEQUATE DRAINAGE. IF SOIL CONDITIONS DO NOT MEET THESE REQUIREMENTS, ADJUST FOUNDATION OR SOIL CONDITIONS AS REQUIRED.
- IN AREAS OF THE COUNTRY WHERE THERE IS SEVERE FREEZING, INCREASE THE DEPTH OF THE FOUNDATION SO THAT THE BOTTOM EXTENDS BELOW THE FROST LINE, OR PROVIDE A MINIMUM OF 12" FREE DRAINING GRANULAR MATERIAL TO PREVENT FROST HEAVE.
- N.I.S.T. H-44 REQUIREMENTS AND LOCAL WEIGHTS AND MEASURES REGULATIONS MAY REQUIRE INSTALLATION PARAMETERS SOMEWHAT DIFFERENT THAN ILLUSTRATED ON THIS PLAN. IN ORDER TO INSURE COMPLIANCE, CONSULT THE LOCAL WEIGHTS & MEASURES OFFICE PRIOR TO CONSTRUCTION.
- REFER TO SCALE MANUAL FOR INSTALLATION AND OPERATION INSTRUCTIONS.
- A MINIMUM OF 24" OF CLEARANCE IS REQUIRED ON JUNCTION BOX SIDE OF THE SCALE NEAR THE BOX MOUNTS.

THIS DRAWING IS SUPPLIED AS CHECKED BELOW:
 REFERENCE (ESTIMATES ONLY, NOT FOR CONSTRUCTION)
 CERTIFIED FOR CONSTRUCTION, THURMAN#
 CUSTOMER: _____ DATE: _____
 CUSTOMER APPROVAL, RETURN ONE COPY.
 (ORDER ON HOLD UNTIL SIGNED COPY IS RETURNED)
 APPROVED AS DRAWN, APPROVED BY: _____ DATE: _____
 APPROVED AS NOTED, APPROVED BY: _____ DATE: _____
 TOLERANCES (UNLESS OTHERWISE SPECIFIED): ± 1/8"
 DIMENSIONS ARE IN INCHES
 UNLESS OTHERWISE SPECIFIED: THIRD ANGLE PROJECTION



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 TITLE: 8560 DIAMONDBACK 90K CLC 80' X 11'
 FOUNDATION (5 SECTION, DB LC)
 DRAWING NUMBER: 92384-FT
 DATE: 06-18-07
 DRAWN BY: CMC
 REV: 1