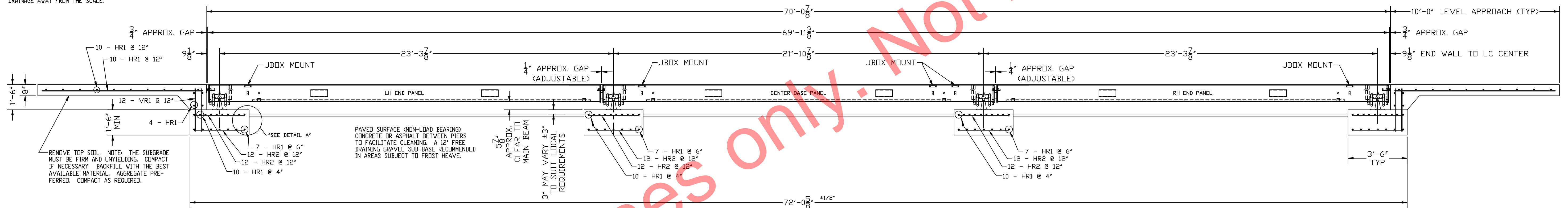


N.I.S.T. H-44 REQUIRES THAT ON THE APPROACH ENDS OF THIS VEHICLE SCALE, THERE SHALL BE A STRAIGHT APPROACH AT LEAST 36 FEET LONG, NOT LESS THAN 10 FEET OF ANY APPROACH ADJACENT TO THE PLATFORM SHALL BE LEVEL AND CONSTRUCTED OF CONCRETE OR SIMILAR DURABLE MATERIAL. ANY SLOPE IN THE REMAINING PORTION OF 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 INTALIBOX 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



ELEVATION SECTION

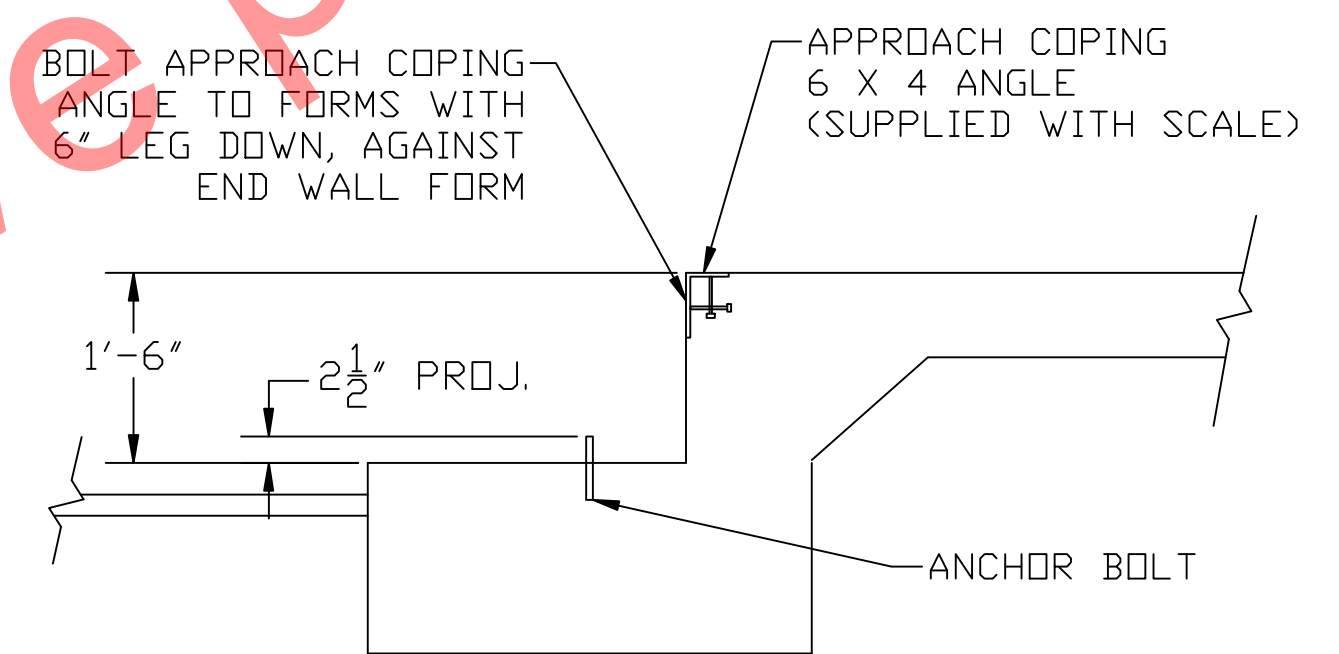
NOTES:

- 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.

FOUNDATION CONCRETE REQUIREMENTS 4000 P.S.I.	
AREA	QUANTITIES
PIERS AS SHOWN	9.5 CU. YD.
APPROACHES	7 CU. YD.
FLOOR AT 2" THICK	4.5 CU. YD.
TOTAL	21 CU. YD.

FOUNDATION REINFORCING BAR SCHEDULE ASTM A615 GRADE 60					
MARK	NO.	REQ'D.	SIZE	LENGTH	WT.
HR1	116	#4	11'-6"	891	
HR2	96	#4	3'-0"	193	
VR1	48	#4	2'-6"	80	
TOTAL WT:					1,164

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 (16 REQUIRED)
 5/8 DIA X 6" STUD TYPE ANCHORS
 DRILL DIA 5/8", DRILL DEPTH 3 1/2"

ANCHOR DETAIL

