

N.I.S.T. H-44 REQUIRES THAT ON THE APPROACH ENDS OF THIS VEHICLE SCALE, THERE SHALL BE A STRAIGHT APPROACH AT LEAST 35 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, POSITION TO MATCH LOCATION OF CONDUIT FOR CABLE TO SCALE INDICATOR. ONE FOR GROUNDING SCALE WEIGHBRIDGE. POWER SUPPLY GROUND MUST BE SEPARATE FROM WEIGHBRIDGE GROUND. TWO GROUND RODS ARE SUPPLIED WITH SCALE.

CONCRETE POURING & FINISHING INSTRUCTIONS FOR SCALE DECK:

- REFER TO SCALE INSTALLATION MANUAL PRIOR TO SETTING SCALE PANELS.
- MASK THE GAPS BETWEEN MODULES WITH DUCT TAPE. MASK INNER END OF COUPLING NUTS.
- POUR CONCRETE IN EACH MODULE. USE 4000 PSI CONCRETE MINIMUM. 5%-7% AIR ENTRAINMENT. APPROX. 21 CU. YD. OF CONCRETE REQD. FOR SCALE DECK. NOTE: DO NOT CAST UNLESS TEMPERATURE IS ABOVE 40 DEGREES FAHRENHEIT. CONSOLIDATE CONCRETE BY USE OF A VIBRATOR TO ASSURE A THOROUGH FILL.
- FINISH THE CONCRETE DECK WITH A BULL FLOAD AND HAND TROWEL OR BROOM TO THE DESIRED FINISH.
- REMOVE DUCT TAPE AND CLEAN THE EXCESS CONCRETE FROM THE SIDES OF THE SCALE.
- THE CONCRETE IS TO BE MOIST CURED FOR SEVEN DAYS OR MAY ALTERNATIVELY RECEIVE A COAT OF LIQUID CURING COMPOUND.
- DO NOT USE OR CALIBRATE THE SCALE UNTIL THE DECK IS CURED AND HAS REACHED 4000 PSI MINIMUM COMPRESSIVE STRENGTH.

NOTES:

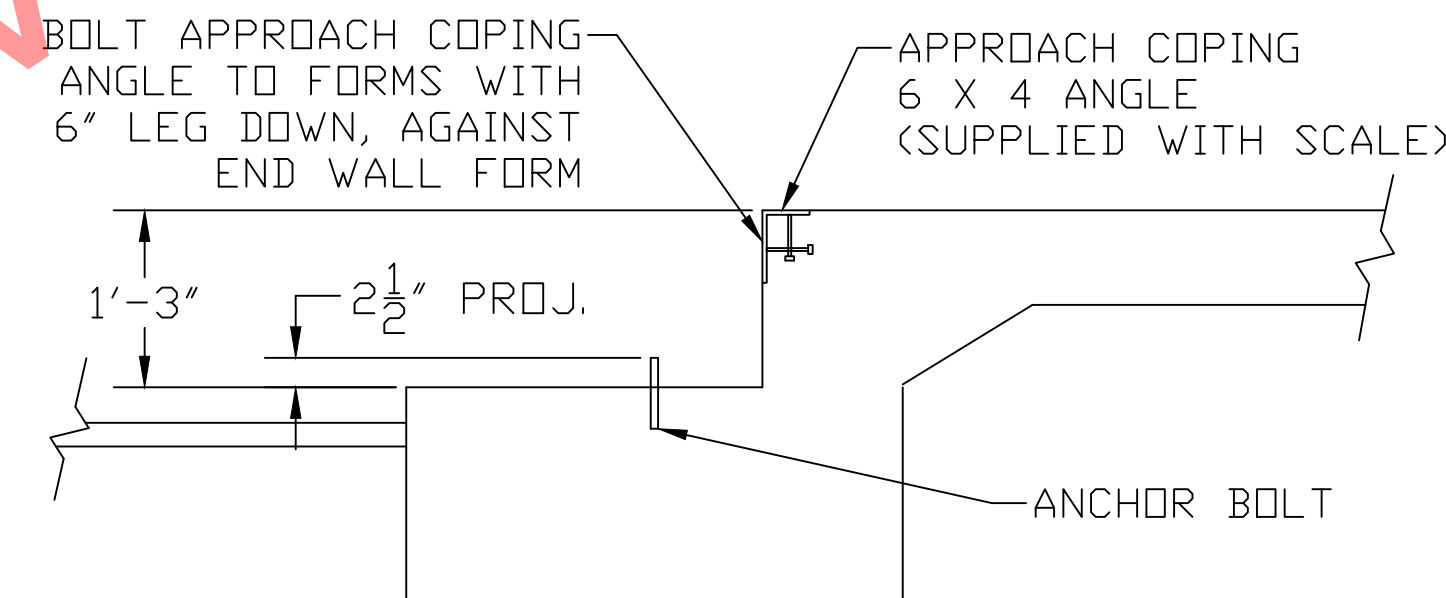
- FOUNDATION SHOWN IS DESIGNED FOR SOILS WITH A MINIMUM BEARING CAPACITY OF 3000 PSF AND ADEQUATE DRAINAGE. IF SOIL CONDITIONS DO NOT MEET THESE REQUIREMENTS, ADJUST FOUNDATION OR SOIL CONDITIONS AS REQUIRED.
- IN AREAS OF THE COUNTRY WHERE THERE IS SEVERE FREEZING, INCREASE THE DEPTH OF THE FOUNDATION 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.

CONCRETE REQUIREMENTS 4000 P.S.I.	
AREA	QUANTITIES
PIERS AS SHOWN	8 CU. YD.
APPROACHES	6 CU. YD.
FLOOR AT 2" THICK	4 CU. YD.
TOTAL	18 CU. YD.

FOUNDATION REINFORCING BAR SCHEDULE ASTM A615 GRADE 60					
MARK	NO.	REQ'D.	SIZE	LENGTH	WT.
HR1	40	#4	9'-6"		254
HR2	20	#4	9'-6"		127
HR3	80	#4	3'-0"		160
HR4	56	#4	9'-6"		355
VR1	40	#4	2'-3"		60
TOTAL WT:					956

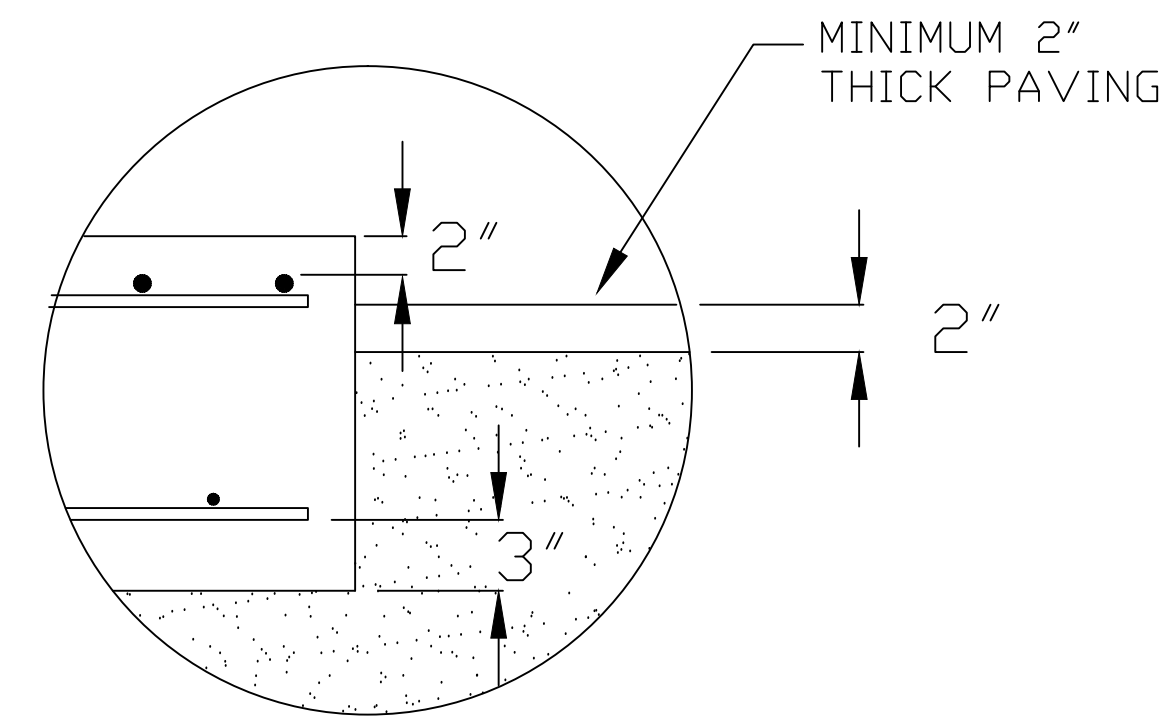
REINFORCING STEEL NOTES:

- REINFORCING STEEL SHALL BE FREE OF ALL MUD, DEBRIS, CEMENT GROUT, LOOSE RUST, GREASE, AND OIL.
- 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"

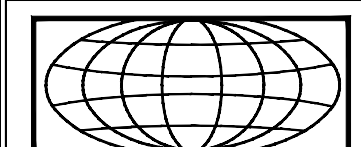
ANCHOR DETAIL



"DETAIL A"

THIS DRAWING IS SUPPLIED AS CHECKED BELOW:

- REFERENCE (ESTIMATES ONLY, NOT FOR CONSTRUCTION)
- CERTIFIED FOR CONSTRUCTION, THURMAN SERIAL#
- CUSTOMER: _____ DATE: _____
- CUSTOMER P.O.# _____
- 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: _____



THURMAN
S C A I C
255 E. LIVINGSTON AVE.
COLUMBUS, OHIO 43215
PH: (614) 221-9077
FAX: (614) 221-8879

This drawing is the property of Thurman Scale Company and is loaned to the recipient for his/her confidential use only. In consideration of the loan of this drawing, the recipient promises and agrees that it shall not be used in any way detrimental to the interest of Thurman Scale Company, that it shall be returned upon request, and that it shall not be reproduced, copied, loaned or otherwise disposed of, directly or indirectly without the express written consent of Thurman Scale Company.

TITLE:
8550 DIAMONDBACK 90K CLC 70' X 10'
FOUNDATION (4 SECTION, DB LC)

TOLERANCES (UNLESS OTHERWISE SPECIFIED) ± 1/8"
DIMENSIONS ARE IN INCHES
(UNLESS OTHERWISE SPECIFIED)

THIRD ANGLE PROJECTION

DATE: 10-26-06
DRAWN BY: LDC

DRAWING NUMBER: 92350-FT
REV: 0