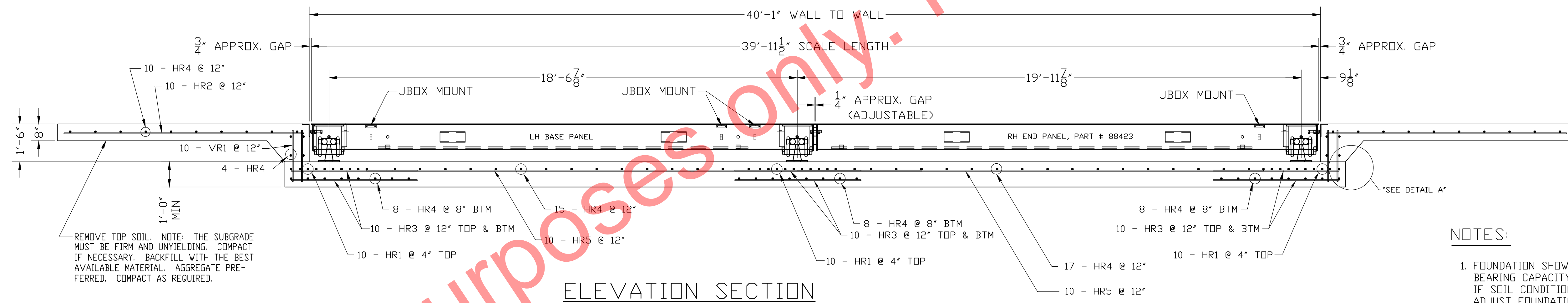


N.I.S.T. H-44 REQUIRES THAT ON THE APPROACH ENDS OF THIS VEHICLE SCALE, THERE SHALL BE A STRAIGHT APPROACH AT LEAST HALF THE LENGTH OF THE PLATFORM, BUT NOT REQUIRED TO BE MORE THAN 40 FEET, NOT LESS THAN 10 FEET OF ANY APPROACH ADJACENT TO THE PLATFORM SHALL BE LEVEL AND CONSTRUCTED OF CONCRETE OR SIMILAR DURABLE MATERIAL. ANY SLOPE IN THE REMAINING PORTION OF THE APPROACH SHALL ENSURE 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.

1' MIN. CONDUIT (BY OTHERS) FOR CABLE FROM JUNCTION BOX TO SCALEHOUSE. CONDUIT TO EXTEND 2" ABOVE THE TOP OF PIER.

PLAN VIEW



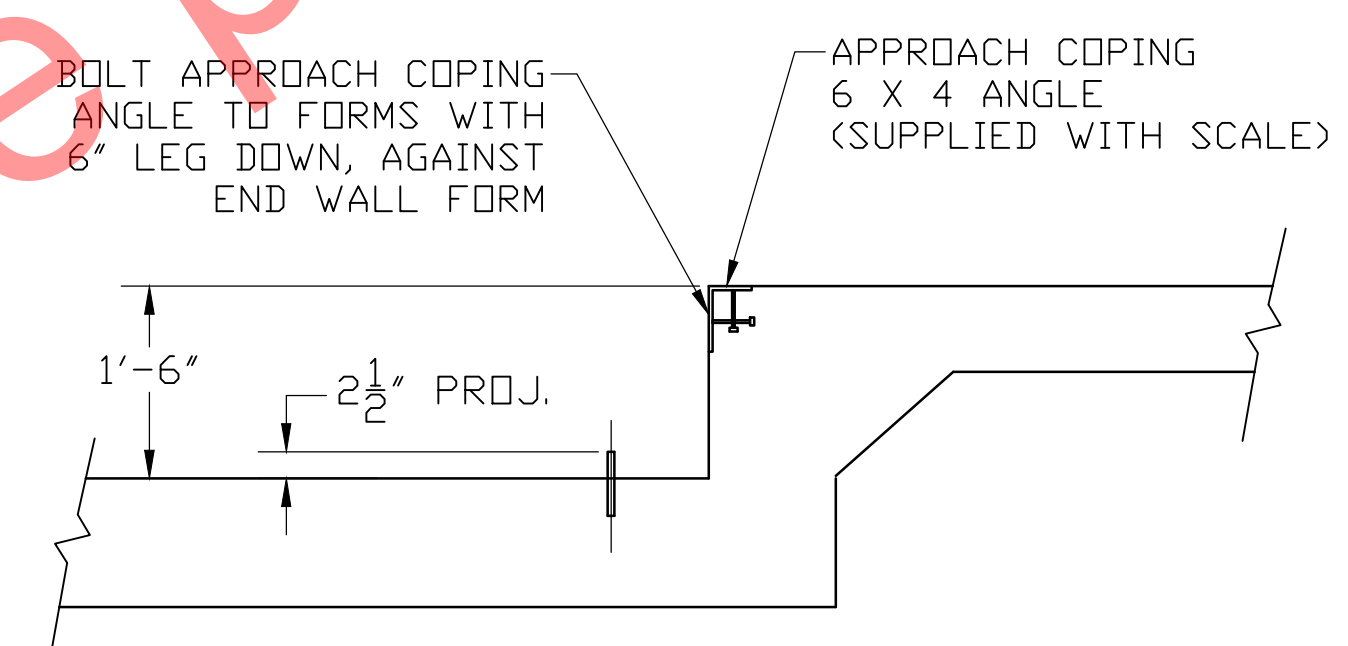
ELEVATION SECTION

NOTES:

- FOUNDATION SHOWN IS DESIGNED FOR SOILS WITH A MINIMUM BEARING CAPACITY OF 2000 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.

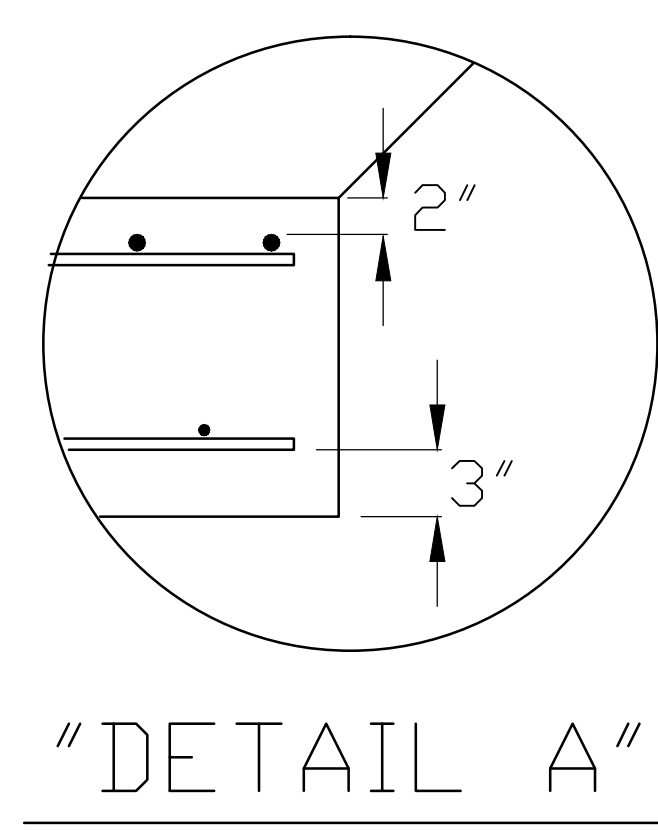
FOUNDATION CONCRETE REQUIREMENTS	
4000 P.S.I.	
AREA	QUANTITIES
SCALE SLAB	16 CU. YD.
APPROACHES	6 CU. YD.
TOTAL	22 CU. YD.

FOUNDATION REINFORCING BAR SCHEDULE				
ASTM A615 GRADE 60				
MARK NO.	REQ'D.	SIZE	LENGTH	WT.
HR1	30	#4	9'-6"	191
HR2	20	#4	9'-6"	127
HR3	60	#4	5'-0"	201
HR4	64	#4	9'-6"	407
HR5	20	#4	18'-0"	241
VR1	40	#4	2'-0"	54
TOTAL WT:				1,221



DRILL TYPE ANCHOR INFORMATION (DRILL TYPE ANCHORS PROVIDED WITH THE SCALE)  
FOR THE LC STANDS (12 REQUIRED): 5/8 DIA X 6" STUD TYPE ANCHORS  
DRILL DIA 5/8", DRILL DEPTH 3 1/2"

ANCHOR DETAIL



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.

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: \_\_\_\_\_

LET	BY	DATE	REVISION
3	JCR	1/31/12	REVISED APPROACH NOTE
2	JCR	4/29/11	REVISED REBAR NOTE
1	JCR	3/30/11	12 ANCHORS REQ'D WAS 16

**THURMAN SCALE**  
COLUMBUS, OH

8560 DIAMONDBACK 90K CLC  
40' X 10' (3 SEC)  
FULL SLAB FOUNDATION

DATE	10/25/10
SCALE	N/A
DRAWN BY	LDC
CHECKED BY	
APPROVED BY	
DRAWING NUMBER	92369-SL
REVISION	3

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MATERIAL: A36  
FINISH: N/A

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES  
TOLERANCES: FRACTIONS 1/8"  
DECIMALS .01"  
3-PLACE DECIMAL .0005"  
2-PLACE DECIMAL .005"  
HOLE DIMETERS 1/32"