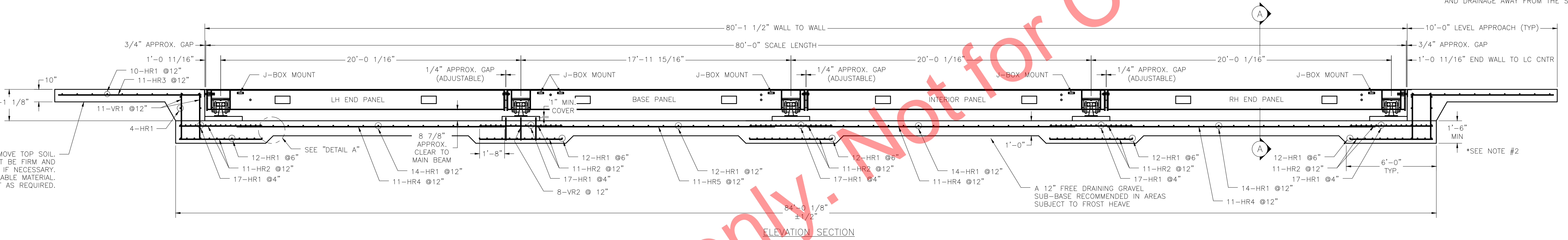
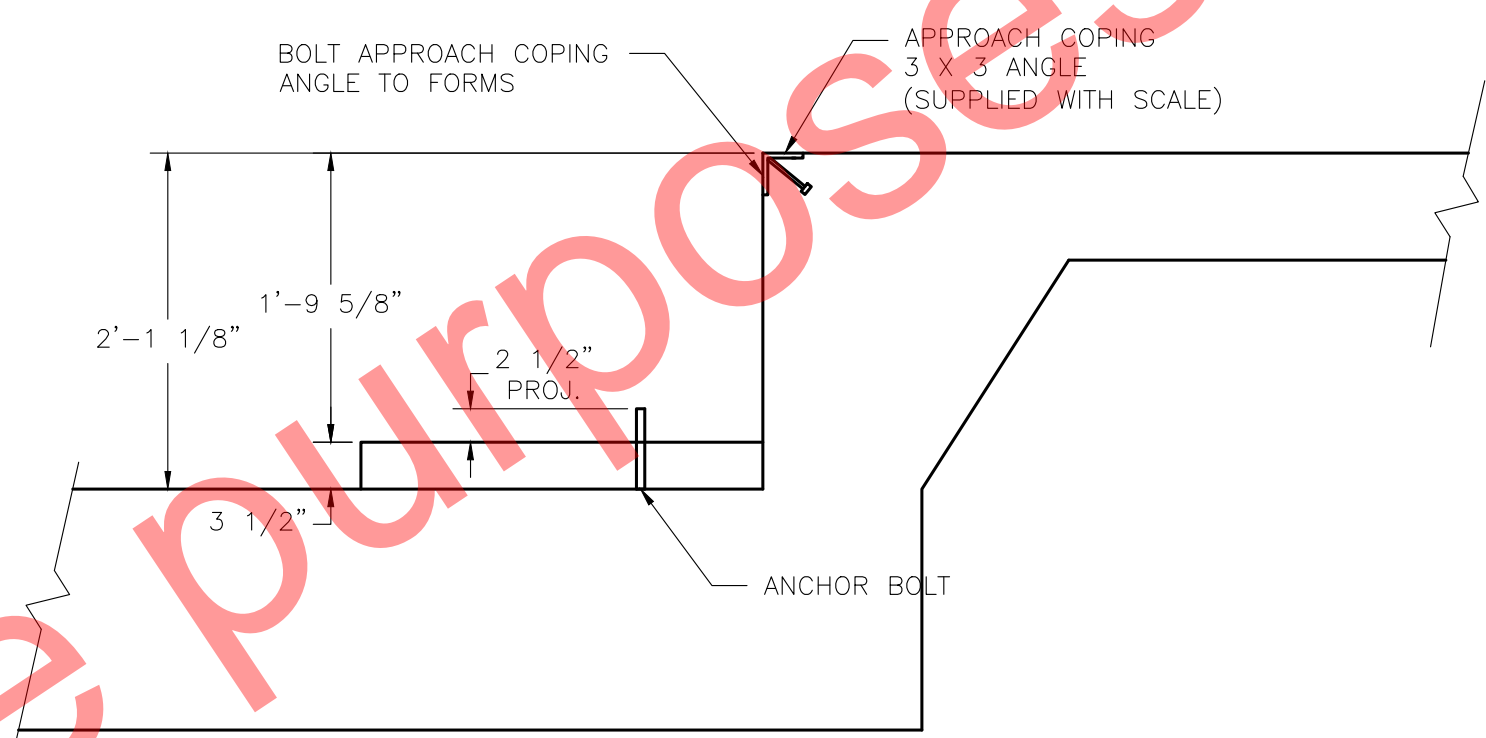


N.I.S.T. H-44 REQUIRES THAT ON THE APPROACH ENDS OF THIS VEHICLE SCALE, THERE SHALL BE A STRAIGHT APPROACH AT LEAST HALF THE LENGTH OF THE PLATFORM, BUT NOT REQUIRED TO BE MORE THAN 40 FEET. NOT LESS THAN 10 FEET OF ANY APPROACH ADJACENT TO THE PLATFORM SHALL BE LEVEL AND CONSTRUCTED OF CONCRETE OR SIMILAR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

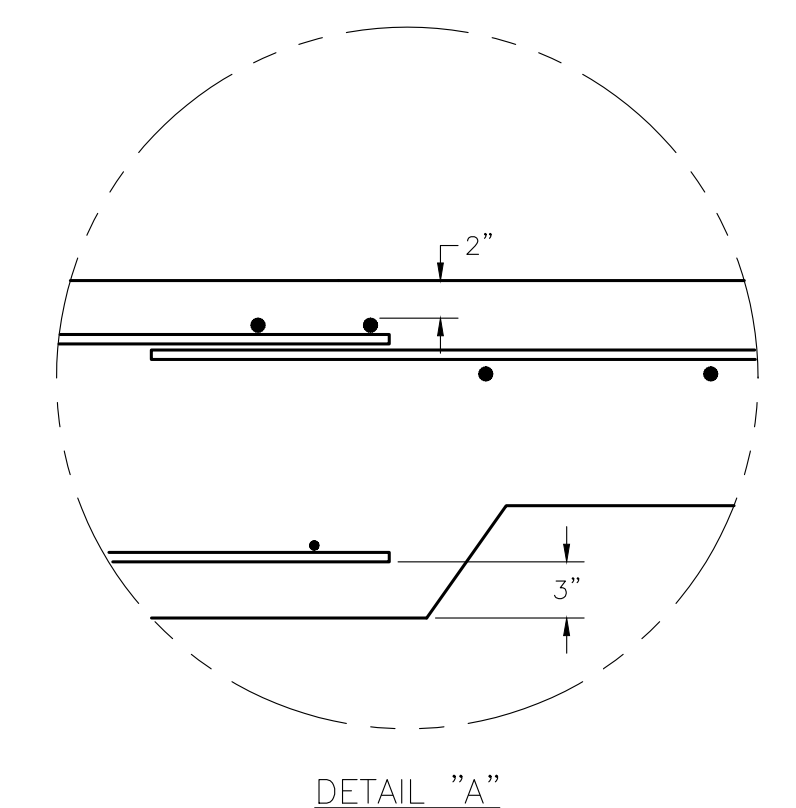


REMOVE TOP SOIL. NOTE: THE SUBGRADE MUST BE FIRM AND UNYIELDING. COMPACT IF NECESSARY. BACKFILL WITH THE BEST AVAILABLE MATERIAL. AGGREGATE PREFERRED. COMPACT AS REQUIRED.

A 12" FREE DRAINING GRAVEL SUB-BASE RECOMMENDED IN AREAS SUBJECT TO FROST HEAVE



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"



- 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	
4000 PSI MINIMUM	
LOCATION	QTY (CU. YDS)
SCALE SLAB	41
APPROACHES	9.5
PIERS	1
<b>TOTAL CONCRETE</b>	<b>51.5 CU. YDS.</b>

FOUNDATION REINFORCING SCHEDULE					
ASTM 615 - GRADE 60					
MARK	QTY	SIZE	LENGTH	WEIGHT (LBS)	REMARKS
HR1	227	#4	10'-6"	1593	LATERAL IN MULTIPLE LOCATIONS
HR2	110	#4	5'-6"	405	LONGITUDINAL TOP & BTM FACE UNDER SECTIONS (11/EA)
HR3	22	#4	9'-6"	140	LONGITUDINAL IN APPROACH (11/EA)
HR4	33	#4	17'-10"	394	LONGITUDINAL IN SLAB BETWEEN SECTIONS (11/EA)
HR5	11	#4	15'-10"	117	LONGITUDINAL IN SLAB BETWEEN SECTIONS 2 & 3
VR1	44	#4	3'-1"	91	VERTICAL IN END WALL
VR2	80	#4	1'-6"	81	VERTICAL IN PIERS (8/EA)
<b>TOTAL WEIGHT</b>				<b>2,821</b>	

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 SERIAL#  
 CUSTOMER: \_\_\_\_\_ DATE: \_\_\_\_\_  
 CUSTOMER P.O.# \_\_\_\_\_ 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: \_\_\_\_\_

THE INFORMATION CONTAINED HEREIN AND IN ANY OTHER DRAWINGS IS THE PROPERTY OF THURMAN SCALE. IT IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED IN THIS DRAWING. WITHOUT WRITTEN PERMISSION, THURMAN SCALE ASSUMES NO RESPONSIBILITY FOR REPRODUCTION OF THIS DOCUMENT AFTER ORIGINAL TRANSMISSION.

8560 DIAMONDBACK XD  
80' X 10' (4M/5S)  
FULL SLAB FOUNDATION  
3 1/2" RISER PIERS  
MODEL: 8560XD

**THURMAN**  
SCALE  
SCALE: NTS DRAWN: JCR CHECKED: \_\_\_\_\_  
SHEET: 1 OF 1 DATE: 08/13/14 APPROVED: \_\_\_\_\_  
DRAWING NUMBER: 92443-SL-RP REV: 0