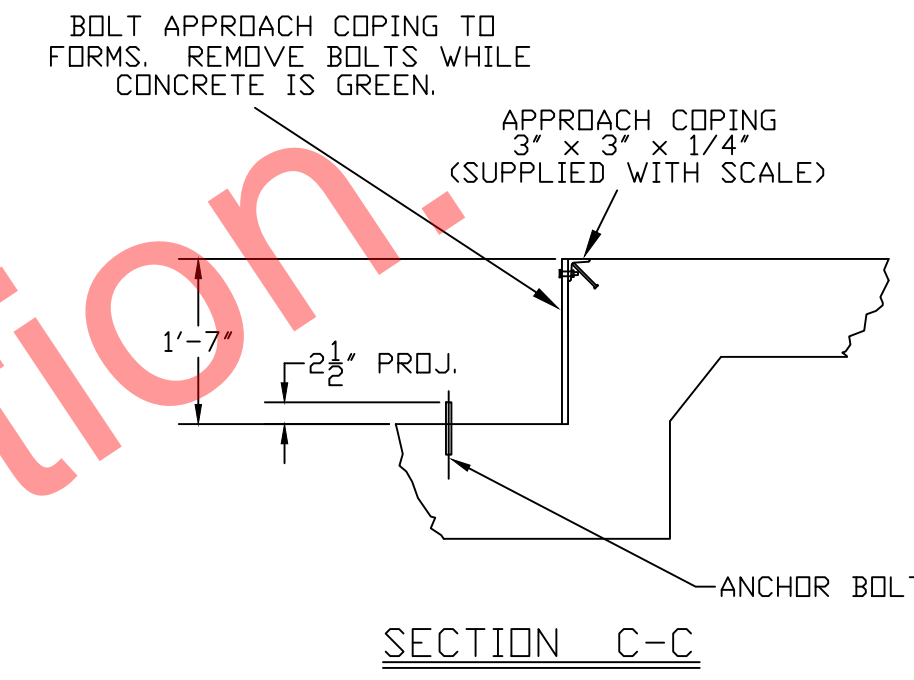


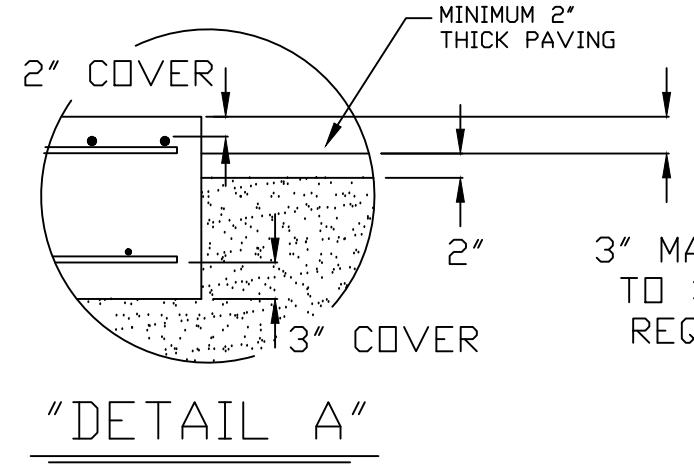
N.I.S.T. H-44 REQUIRES THAT ON THE APPROACH ENDS OF THIS VEHICLE SCALE, THERE SHALL BE A STRAIGHT APPROACH AT LEAST HALF THE LENGTH OF THE PLATFORM, BUT NOT REQUIRED TO EXCEED 40 FEET, NOT LESS THAN 10 FEET OF ANY APPROACH ADJACENT TO THE PLATFORM SHALL BE LEVEL AND CONSTRUCTED OF CONCRETE OR SIMILAR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



DRILL TYPE ANCHOR INFORMATION
 DRILL TYPE ANCHORS PROVIDED WITH THE SCALE)
 FOR THE CORNER STANDS (16 REQUIRED)
 FOR THE FULCRUM & LC STANDS (10 REQUIRED)
 5/8 DIA X 6" STUD TYPE ANCHORS
 DRILL DIA 5/8", DRILL DEPTH 3 1/2"

ANCHOR DETAIL

TYPICAL SIDE ELEVATION OF SCALE INSTALLATION

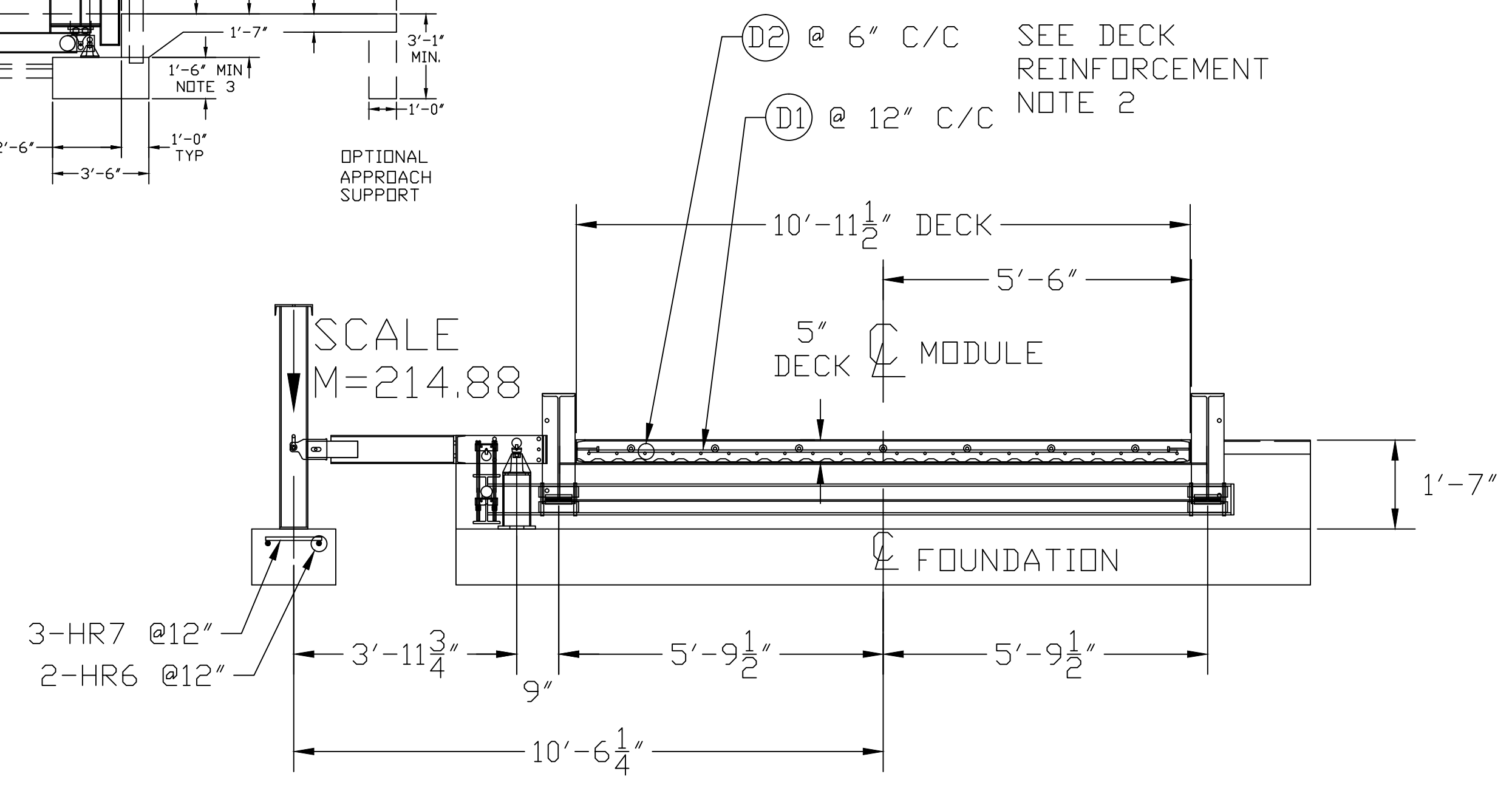


MODULE REINFORCING SCHEDULE ASTM 615 - GRADE 60						
MODULE	MARK	QTY	SIZE	LENGTH	WEIGHT (LBS)	COMMENT
(2) 25'x11'	D1	52	#4	10'-6"	365	(26) LAT. EA. MODULE
	D2	44	#4	24'-6"	721	(22) LONG. EA. MODULE
30'x11'	D1	31	#4	10'-6"	218	(31) LAT. EA. MODULE
	D2	22	#4	29'-6"	434	(22) LONG. EA. MODULE
					TOTAL WEIGHT	1,738

FOUNDATION REINFORCING SCHEDULE ASTM 615 - GRADE 60						
MARK	QTY	SIZE	LENGTH	WEIGHT (LBS)	COMMENT	
HR1	30	#4	9'-6"	191	LONG. EA. APPROACH	
HR2	96	#4	14'-9"	946	LAT. EA. APPROACH; PIER	
HR3	120	#4	3'-0"	241	LONG. EA. PIER	
HR4	2	#4	10'-0"	14	LONG. DUAL FULCRUM PIER	
HR5	12	#4	1'-4"	11	LAT. EA. FULCRUM PIER	
HR6	6	#4	2'-0"	9	LONG. EA. FULCRUM PIER; LC PIER	
HR7	3	#4	1'-0"	2	LAT. LOAD CELL PIER	
VR1	60	#4	2'-9"	111	VERT. EA. END WALL	
					TOTAL WEIGHT	1,525

FOUNDATION CONCRETE 4000 PSI MINIMUM		
LOCATION	QTY (CU. YDS)	
PIERS AS SHOWN	13.7	
FLOOR AT 2" THICK	6.5	
APPROACHES	9.1	
MODULES	13.5	
OPTIONAL APPROACH SUPPORTS	2.8	
TOTAL CONCRETE	45.6	

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.



SECTION A-A

- NOTES:**
- FOUNDATION DESIGN IS BASED ON A MINIMUM SOIL BEARING CAPACITY OF 3000 LB/SQ. FT. FOR SOIL CONDITIONS WHICH DO NOT MEET THIS SPECIFICATION, CONSULT WITH THE THURMAN SCALE COMPANY.
 - THE FOUNDATION SHALL BE INSTALLED AT AN ELEVATION AND LOCATION TO INSURE ADEQUATE DRAINAGE AWAY FROM SCALE. A PERIMETER TRENCH AND AGGREGATE BASE MAY BE ADDED IF DRAINAGE IS NOT SUFFICIENT TO MAINTAIN 3000 LB/SQ. FT. BEARING CAPACITY.
 - BOTTOM OF FOOTERS SHOULD EXTEND BELOW THE FROST LINE. AN 18 INCH FOOTER DEPTH IS MINIMUM.
 - 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.
 - CONCRETE OF 4000 PSI MINIMUM COMPRESSIVE STRENGTH IS REQUIRED, WITH 5-7% AIR ENTRAINMENT. VIBRATE CONCRETE WHEN POURING. FOLLOW LATEST ACI REQUIREMENTS FOR MATERIALS AND CONSTRUCTION. DO NOT CAST UNLESS TEMPERATURE IS ABOVE 40 DEGREES FAHRENHEIT.
 - PIERS MUST BE LEVEL AND IN THE SAME PLANE WITHIN ±1/8 INCH.
 - EXCAVATION, FORMS, REINFORCING STEEL, GUARD POSTS, AND CONCRETE FURNISHED BY OTHERS.
 - DO NOT PLACE REBAR IN CLOSE PROXIMITY OF ANCHOR BOLTS.

THIS DRAWING IS SUPPLIED AS CHECKED BELOW:

REFERENCE (ESTIMATES ONLY, NOT FOR CONSTRUCTION)
 CERTIFIED FOR CONSTRUCTION, THURMAN SERIAL#
 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
1	JCR	03/20/15	CHANGED TO TWO 25' SPANS (VAS 2 30' SPANS); UPDATED CONCRETE/PREPAR SCHEDULES

THURMAN SCALE
 COLUMBUS, OH

8130 60K CLC
 80' X 11' FOOTINGS
 FOUNDATION (4 SECTION)

DATE: 10/23/12
 SCALE: N/A
 SHEET 1 OF 1
 DRAWN BY: JCR
 MODEL: 8130-60K-CLC
 DRAWING NUMBER: 92490-FT
 REVISION: 1

UNLESS OTHERWISE SPECIFIED:
 DIMENSIONS ARE IN INCHES
 TOLERANCES FRACTIONS ±1/8"
 ANGLES ±1.0°
 3-PLACE DECIMAL ±0.005
 2-PLACE DECIMAL ±0.02"
 1-PLACE DECIMAL ±0.05"
 HOLE DIAMETERS ±1/32"

MATERIAL FINISH
 A36 N/A