

DRILL TYPE ANCHOR INFORMATION (DRILL TYPE ANCHORS PROVIDED WITH THE SCALE)

FOR THE CORNER STANDS (16 REQUIRED)

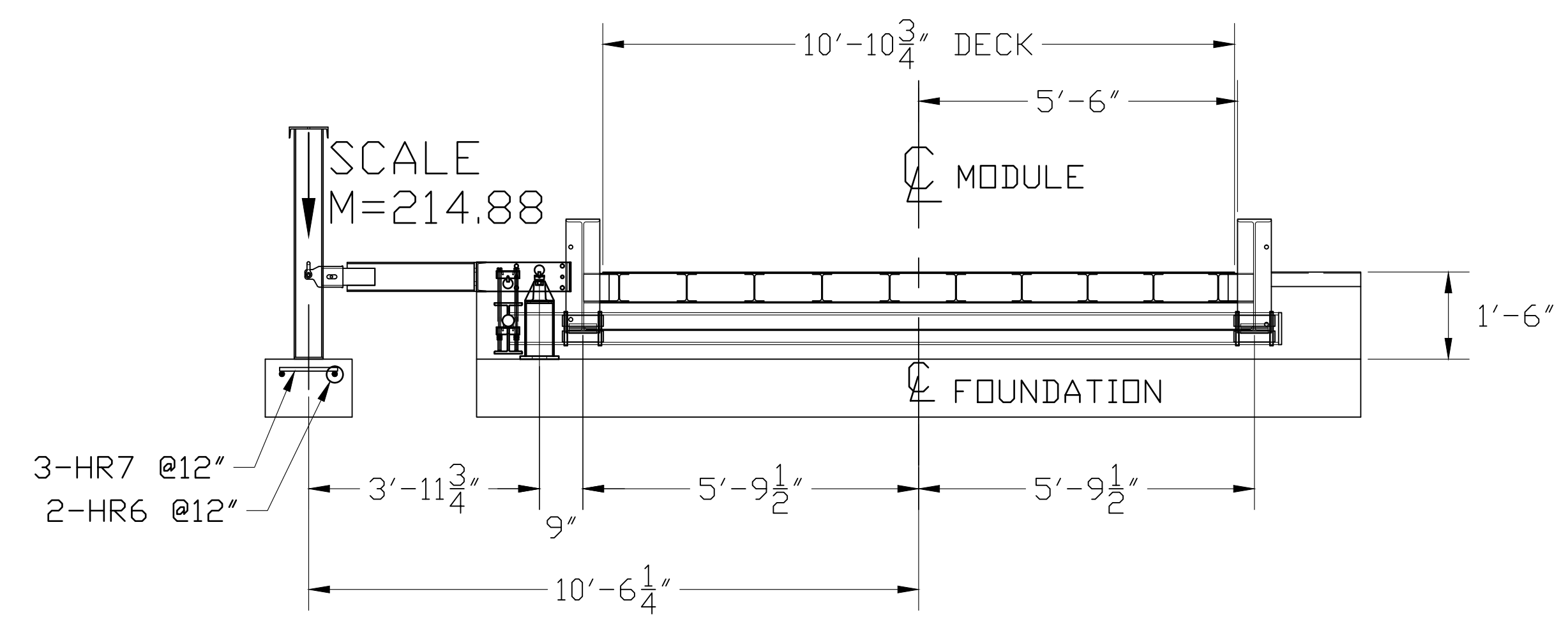
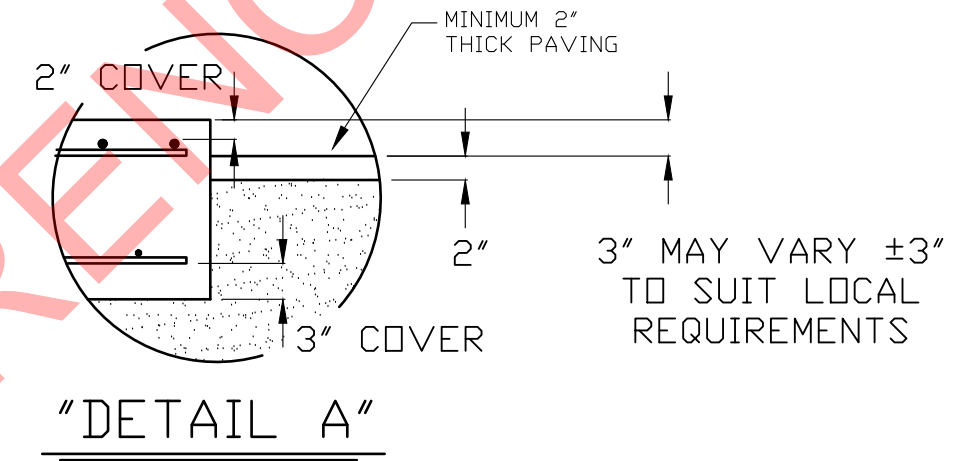
FOR THE FULCRUM & LC STANDS (10 REQUIRED)

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



- 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.

FOUNDATION REBAR SCHEDULE  
ASTM A615 GRADE 60

MARK	QTY.	SIZE	LENGTH	WT.	REMARKS
HR1	32	#4	9'-6"	204	(16) EA. APPROACH LONG.
HR2	96	#4	15'-0"	962	(14) EA. APPROACH LAT; (17) EA. PIER LAT.
HR3	128	#4	3'-0"	257	(32) EA. PIER LONG.
HR4	2	#4	5'-0"	7	(2) DUAL FULCRUM PIER LONG.
HR5	12	#4	1'-4"	11	(3) EA. FULCRUM PIER LAT.
HR6	6	#4	2'-0"	9	(2) EA. FULCRUM PIER & LC PIER LONG.
HR7	3	#4	1'-0"	3	(3) LC PIER LAT.
VR1	64	#4	2'-6"	107	(32) EA. END WALL VERTICAL.
TOTAL WT.					1560

CONCRETE REQUIREMENTS  
4000 PSI

AREA	QTY. (CU. YDS.)
PIERS AS SHOWN	12
APPROACHES	9
FLOOR AT 2" THICK	6
OPTIONAL APPROACH SUPPORTS	3
TOTAL	30.0

- 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.

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

**THURMAN SCALE**  
COLUMBUS, OH

8140 60K CLC  
70' X 11' FOOTINGS  
FOUNDATION (4 SECTION)

DATE: 10/26/12

SCALE: N/A SHEET 1 OF 1

DRAWN BY: JCR MODEL: \_\_\_\_\_

CHECKED BY: LC DRAWING NUMBER: 92535-FT

APPROVED BY: LC REVISION: 0

MATERIAL: A36 FINISH: N/A

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONS ±1/8" ANGLES ±1° DECIMAL ±.005 2-PLACE DECIMAL ±.005 ±.005 3-PLACE DECIMAL ±.005 ±.005 ±.005

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