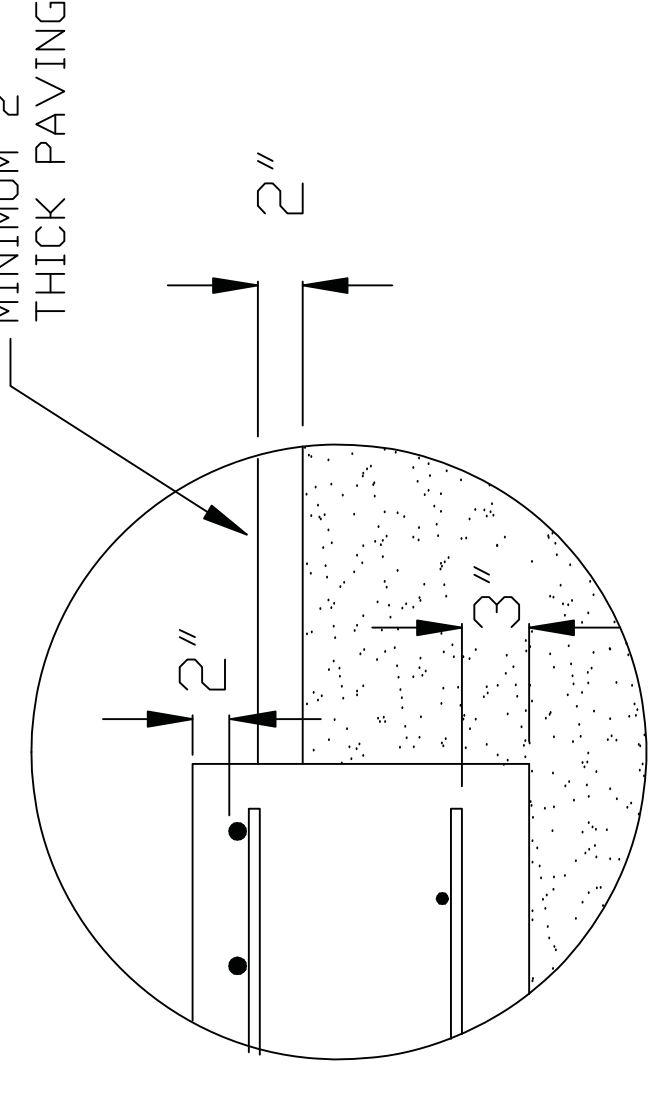


**ELEVATION SECTION**

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. 4.3 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 FLOAT 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 CURD FOR SEVEN DAYS OR MAY ALTERNATIVELY RECEIVE A COAT OF LIQUID CURING COMPOUND.
- DO NOT USE OR COMPACT THE SCALE UNTIL THE DECK IS CURED AND HAS REACHED 4000 PSI MINIMUM COMPRESSIVE STRENGTH.

BOLT APPROACH COPING  
ANGLE TO FORMS WITH  
6" LEG DOWN, AGAINST  
END WALL FORM



"DETAIL A"

CONCRETE REQUIREMENTS	
4000 P.S.I.	
AREA	QUANTITIES
PIERS AS SHOWN	6 CU. YD.
APPROACHES	6 CU. YD.
FLOOR AT 2" THICK	2 CU. YD.
TOTAL	14 CU. YD.

FOUNDATION REINFORCING BAR SCHEDULE			
ASTM A615 GRADE 60			
MARK NO.	REQ'D.	SIZE	LENGTH
HR1	30	#4	9'-6"
HR2	20	#4	9'-6"
HR3	60	#4	3'-0"
HR4	49	#4	9'-6"
VR1	40	#4	2'-3"
TOTAL			WT: 808

- 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.

**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.

THIS DRAWING IS SUPPLIED AS CHECKED BELOW:

CHECKED FOR ESTIMATES ONLY, NOT FOR CONSTRUCTION

CHECKED FOR CONSTRUCTION, THURMAN

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

(ORDER ON HOLD UNTIL SIGNED COPY IS RETURNED)

APPROVED AS DRAWN, APPROVED BY: \_\_\_\_\_ DATE: \_\_\_\_\_

APPROVED AS NOTED, APPROVED BY: \_\_\_\_\_ DATE: \_\_\_\_\_

TOLERANCES UNLESS OTHERWISE SPECIFIED: ± 1/8"

DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED.

THURMAN  
s c a j e  
285 BUCKINGHAM AVE.  
CHICAGO, ILL. 60645  
PH (614) 221-9077  
FAX (614) 221-8879  
DATE: 02-26-07  
DRAWN BY: HAWK

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6550 DIAMONDBACK 90K CLC 40' X 10'  
FOUNDATION (3 SECTION, DB LC)

DRAWING NUMBER: 92347-FT  
REV: 0