

ELEVATION SECTION

CONCRETE POURING & FINISHING INSTRUCTIONS FOR SCALE DECK:

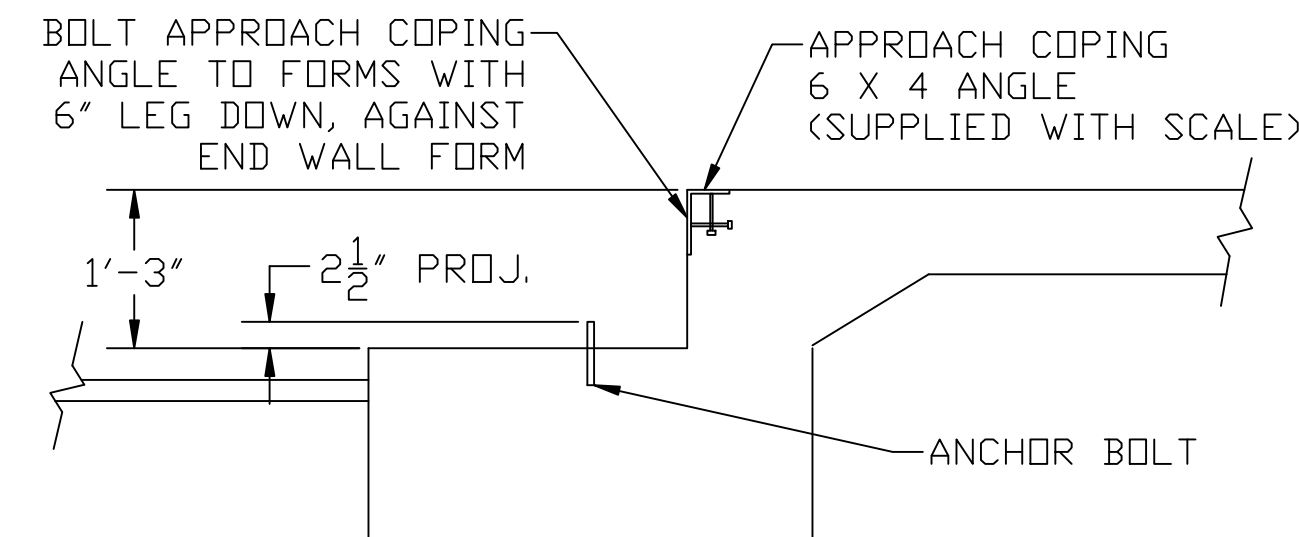
- REFER TO SCALE INSTALLATION MANUAL PRIOR TO SETTING SCALE PANELS.
- MASK THE GAPS BETWEEN MODULES WITH DUCT TAPE. MASK INNER END OF COUPLING NUTS.
- POUR CONCRETE IN EACH MODULE. USE 4000 PSI CONCRETE MINIMUM. 5%-7% AIR ENTRAINMENT. APPROX. 12 CU. YD. OF CONCRETE REQD. FOR SCALE DECK. NOTE: DO NOT 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 MOIST CURED FOR SEVEN DAYS OR MAY ALTERNATIVELY RECEIVE A COAT OF LIQUID CURING COMPOUND.
- DO NOT USE OR CALIBRATE THE SCALE UNTIL THE DECK IS CURED AND HAS REACHED 4000 PSI MINIMUM COMPRESSIVE STRENGTH.

| 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 | WT. |
| HR1 | 30 | #4 | 9'-6" | 190 | |
| HR2 | 20 | #4 | 9'-6" | 127 | |
| HR3 | 60 | #4 | 3'-0" | 120 | |
| HR4 | 49 | #4 | 9'-6" | 311 | |
| VR1 | 40 | #4 | 2'-3" | 60 | |
| TOTAL WT: | | | | | 808 |

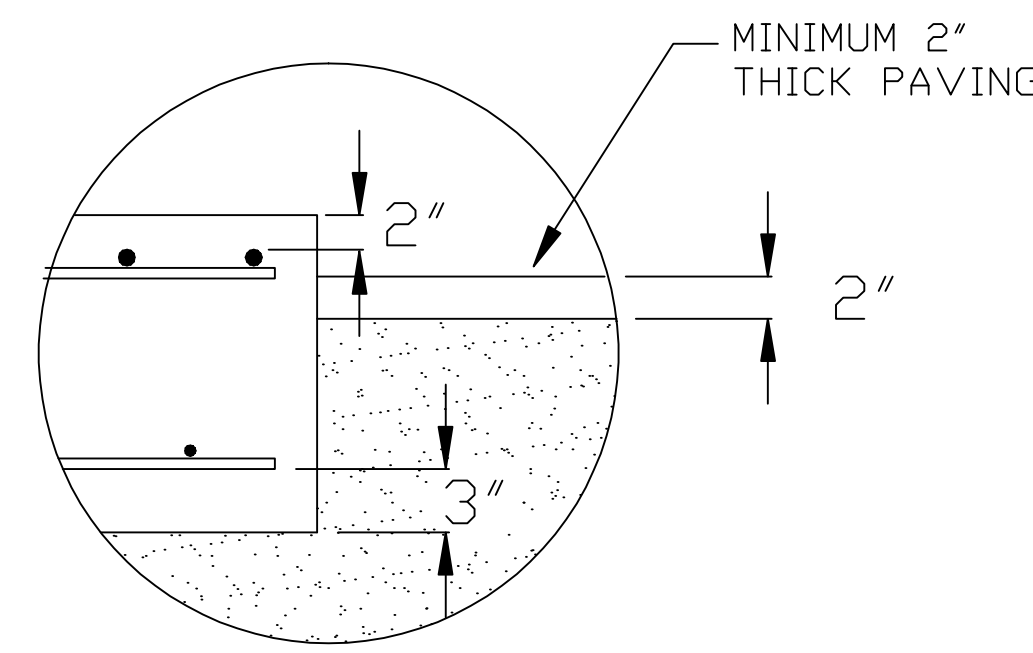
REINFORCING STEEL NOTES:

- REINFORCING STEEL SHALL BE FREE OF ALL MUD, DEBRIS, CEMENT GROUT, LOOSE RUST, GREASE, AND OIL.
- TACK WELDING OF BARS IS PROHIBITED.



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



"DETAIL A"

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:

- REFERENCE (ESTIMATES ONLY, NOT FOR CONSTRUCTION)
- CERTIFIED FOR CONSTRUCTION, THURMAN#
- 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: _____

TOLERANCES (UNLESS OTHERWISE SPECIFIED) ± 1/8"
DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED



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TITLE
8550 DIAMONDBACK 90K CLC 40' X 10'
FOUNDATION (3 SECTION, DB LC)

DRAWING NUMBER 92347-FT REV 0

Not for Construction.