

**NOTES:**

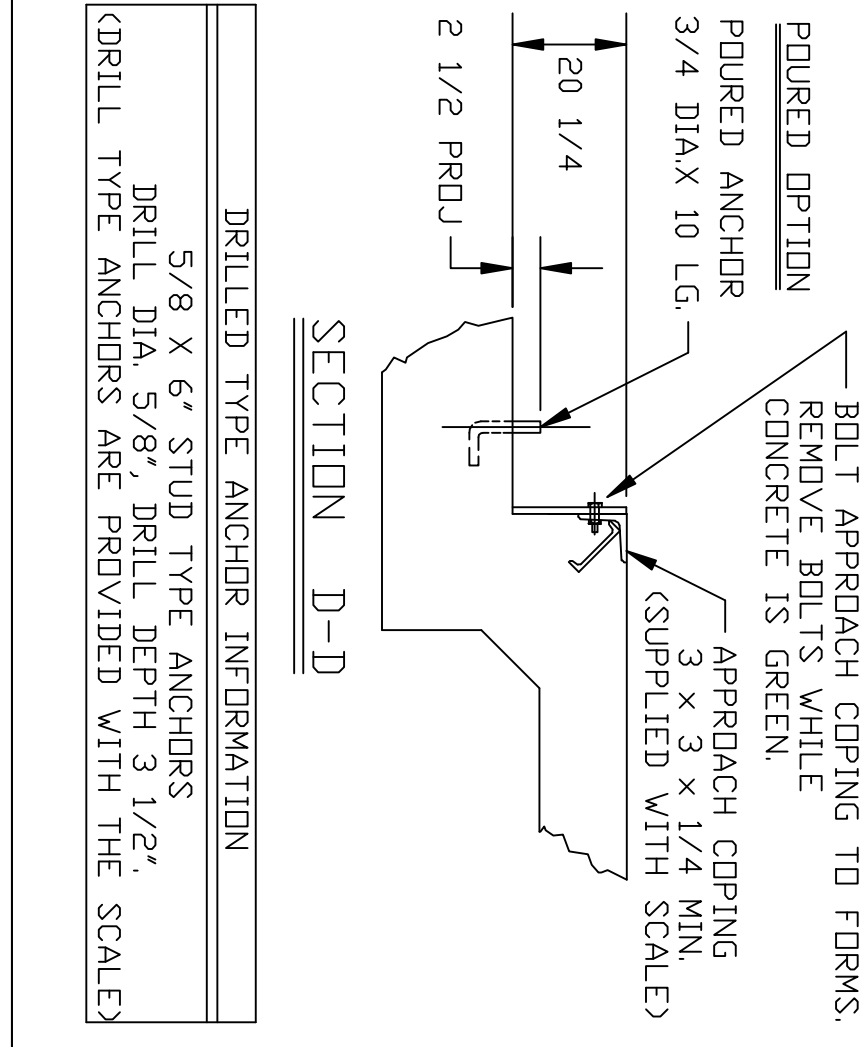
1. FOUNDATION DESIGN IS BASED ON A MINIMUM SOIL BEARING CAPACITY OF 3000 LB/SQ. FT. FOR SOIL CONDITIONS WHICH DO NOT MEET THIS SPECIFICATION, CONSULT WITH THE THURMAN SCALE COMPANY.
2. THE FOUNDATION SHALL BE INSTALLED AT AN ELEVATION AND LOCATION TO INSURE ADEQUATE DRAINAGE AWAY FROM SCALE. A PERIMETER TRENCH AND AGGREGATE BASE MAY BE ADDED IF DRAINAGE IS NOT SUFFICIENT TO MAINTAIN 3000 LB/SQ. FT. BEARING CAPACITY.
3. BOTTOM OF FOOTERS SHOULD EXTEND BELOW THE FROST LINE AND BE Poured MONOLITHICALLY WITH THE 10 FT. APPROACHES AND OPTIONAL SLAB OR OPTIONAL APPROACH SUPPORTS. A 18 INCH FOOTER DEPTH IS MINIMUM.
4. REINFORCING STEEL IS TO CONFORM TO ASTM A615 GRADE 60 SPECIFICATIONS.
5. CONCRETE OF 4000 PSI MINIMUM COMPRESSIVE STRENGTH IS REQUIRED FOR FOUNDATION. VIBRATE CONCRETE WHEN POURING. FOLLOW AMERICAN CONCRETE INSTITUTE (ACI) REQUIREMENTS FOR MATERIALS AND CONSTRUCTION.
6. PIERS MUST BE LEVEL AND IN THE SAME PLANE WITHIN ±1/8 INCH.
7. EXCAVATION, FORMS, REINFORCING STEEL, GUARD POSTS, APPROACH COPING, ANCHOR BOLTS, AND CONCRETE FURNISHED BY OTHERS.
8. ANCHOR BOLTS MAY EITHER BE Poured IN PLACE, OR DRILLED (SECTION D-D), DO NOT PLACE REBAR IN CLOSE PROXIMITY OF ANCHOR BOLTS.
9. FOUNDATION REQUIREMENTS VARY FROM STATE TO STATE. CHECK WITH LOCAL WEIGHTS AND MEASURES DIVISION BEFORE CONSTRUCTION.
10. SCALE DECK IS SUPPLIED WITH REBAR GRID IN PLACE, READY TO POUR CONCRETE (APPROX. 1 1/2 CUYDS. REQUIRED). CONCRETE OF 4000 PSI MIN. COMPRESSIVE STRENGTH WITH AIR ENTRAINMENT OF 6% +/ - 1 1/2%. IF SUBJECT TO FREEZE/THAW CYCLES. CONSOLIDATE CONCRETE INTO PLACE BY VIBRATING.

APPROX. EXCAVATION W/O OPTIONS 80 CU. YDS.  
 APPROX. APPROACHES/WALLS 12 1/2 CU. YDS.  
 CONCRETE 12 1/2 CU. YDS.  
 OPTIONAL SLAB 14 CU. YDS.  
 OPTIONAL APPROACH SUPPORT 2 1/2 CU. YDS.

(\*) PIERS CONCRETE QUANTITY IS CALCULATED FOR 18 INCH FOOTER DEPTH.

**TYPICAL REBAR PLACEMENT SCHEDULE**

SYM.	QTY.	SIZE	LENGTH	TOTAL WT.	REMARKS
S1	60	#4	9'-6"	381 LBS.	(30) EACH APPROACH TOP & BTM
S2	40	#4	14'-9"	394 LBS.	(20) EACH APPROACH TOP & BTM
S3	60	#4	2'-6"	100 LBS.	(30) EACH END WALL VERT
S4	22	#6	14'-9"	487 LBS.	(5) END PIERS (6) CENTER PIERS
S5	30	#4	2'-0"	40 LBS.	(15) EACH CENTER PIER
S6	2	#4	5'-0"	7 LBS.	FULCRUM PIER
S7	13	#4	2'-0"	18 LBS.	FULCRUM PIER
S8	30	#4	2'-9"	55 LBS.	(15) EACH END PIER
S9	4	#4	2'-6"	7 LBS.	FULCRUM PIER
S10	3	#4	7'-6"	15 LBS.	WEIGHTBEAM/LC PIER
S11	8	#4	1'-0"	6 LBS.	WEIGHTBEAM/LC PIER
S12	8	#4	14'-9"	79 LBS.	(4) EACH END WALL
<b>TOTAL REBAR WEIGHT</b>					<b>1,589 LBS.</b>



**THIS DRAWING IS SUPPLIED AS CHECKED BELOW:**

PREPARED (DRAWNERS ONLY, NOT FOR CONSTRUCTION)

REVISIONS (DRAWNERS ONLY, NOT FOR CONSTRUCTION)

CUSTOMER APPROVAL, RETURN ONE COPY.

ORDER ON HOLD UNTIL SIGNED COPY IS RETURNED.

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

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

TOLERANCES UNLESS OTHERWISE SPECIFIED ± 1/8"

DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED

**THURMAN**  
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DATE: 01-27-05  
 DRAWN BY: HAWKINS

8130 55K CLC 60' X 10'  
 FOUNDATION (4 SECT. READY TO POUR)

83500-FT

REV	NUMBER	DESCRIPTION
0		