

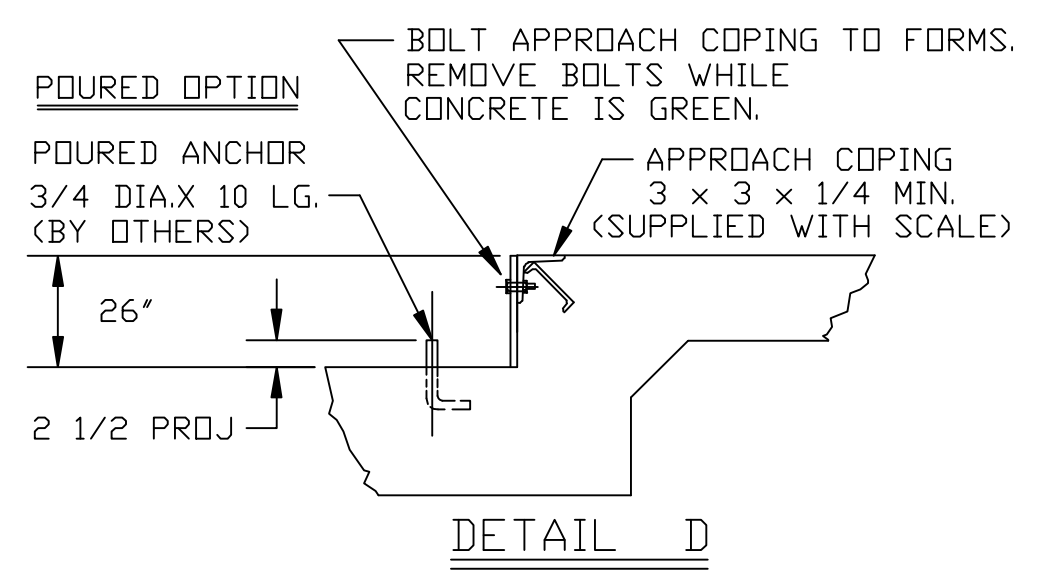
**NOTES:**

- 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 AND BE POURED MONOLITHICALLY WITH THE 10 FT. APPROACHES AND OPTIONAL SLAB OR OPTIONAL APPROACH SUPPORTS. A 18 INCH FOOTER DEPTH IS MINIMUM.
- REINFORCING STEEL IS TO CONFORM TO ASTM A615 GRADE 60 SPECIFICATIONS.
- 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.
- PIERS MUST BE LEVEL AND IN THE SAME PLANE WITHIN ±1/8 INCH.
- EXCAVATION, FORMS, REINFORCING STEEL, GUARD POSTS, AND CONCRETE FURNISHED BY OTHERS.
- ANCHOR BOLTS MAY EITHER BE POURED IN PLACE, OR DRILLED (SECTION D-D). DO NOT PLACE REBAR IN CLOSE PROXIMITY OF ANCHOR BOLTS.
- FOUNDATION REQUIREMENTS VARY FROM STATE TO STATE. CHECK WITH LOCAL WEIGHTS AND MEASURES DIVISION BEFORE CONSTRUCTION.

APPROX. EXCAVATION W/O OPTIONS	110 CU. YDS.
CONCRETE	
PIERS (*)	18 CU. YDS.
APPROACHES/WALLS	19 CU. YDS.
OPTIONAL SLAB	15 CU. YDS.

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

REBAR PLACEMENT SCHEDULE					
SYM.	QTY.	SIZE	LENGTH	TOTAL WT.	REMARKS
S1	60	#5	9'-6"	595 LBS.	(30) EACH APPROACH TOP & BTM
S2	40	#5	14'-9"	615 LBS.	(20) EACH APPROACH TOP & BTM
S3	60	#5	3'-0"	188 LBS.	(30) EACH END WALL VERT
S4	40	#6	14'-9"	886 LBS.	(10) EACH PIER
S5	30	#4	4'-6"	90 LBS.	(15) EACH CENTER PIER
S6	2	#4	5'-0"	7 LBS.	FULCRUM PIER
S7	18	#4	2'-0"	24 LBS.	FULCRUM PIER
S8	30	#4	4'-6"	90 LBS.	(15) EACH END PIER
S9	4	#4	2'-6"	7 LBS.	FULCRUM PIER
S10	3	#4	7'-6"	15 LBS.	WEIGHBEAM/LC PIER
S11	8	#4	1'-0"	6 LBS.	WEIGHBEAM/LC PIER
S12	12	#5	14'-9"	184 LBS.	(6) EACH END WALL
TOTAL REBAR WEIGHT				2,707 LBS.	



DRILLED TYPE ANCHOR INFORMATION	
5/8 X 6" STUD TYPE ANCHORS	
DRILL DIA. 5/8", DRILL DEPTH 3 1/2"	
(DRILL TYPE ANCHORS ARE PROVIDED WITH THE SCALE)	

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

REFERENCE (ESTIMATES ONLY, NOT FOR CONSTRUCTION)

CREDITED FOR CONSTRUCTION, THURMAN#

CUSTOMER: \_\_\_\_\_ DATE: \_\_\_\_\_

CUSTOMER P.O.# \_\_\_\_\_

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

THURMAN  
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FAX: (614) 221-9879

DATE: 03-03-06  
DRAWN BY: HAWKINS

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TITLE: 8140 120K 70' X 10' FOUNDATION  
4 SECTION, 8" PIPE LEVERS

DRAWING NUMBER: 92042-FT

REV: 0