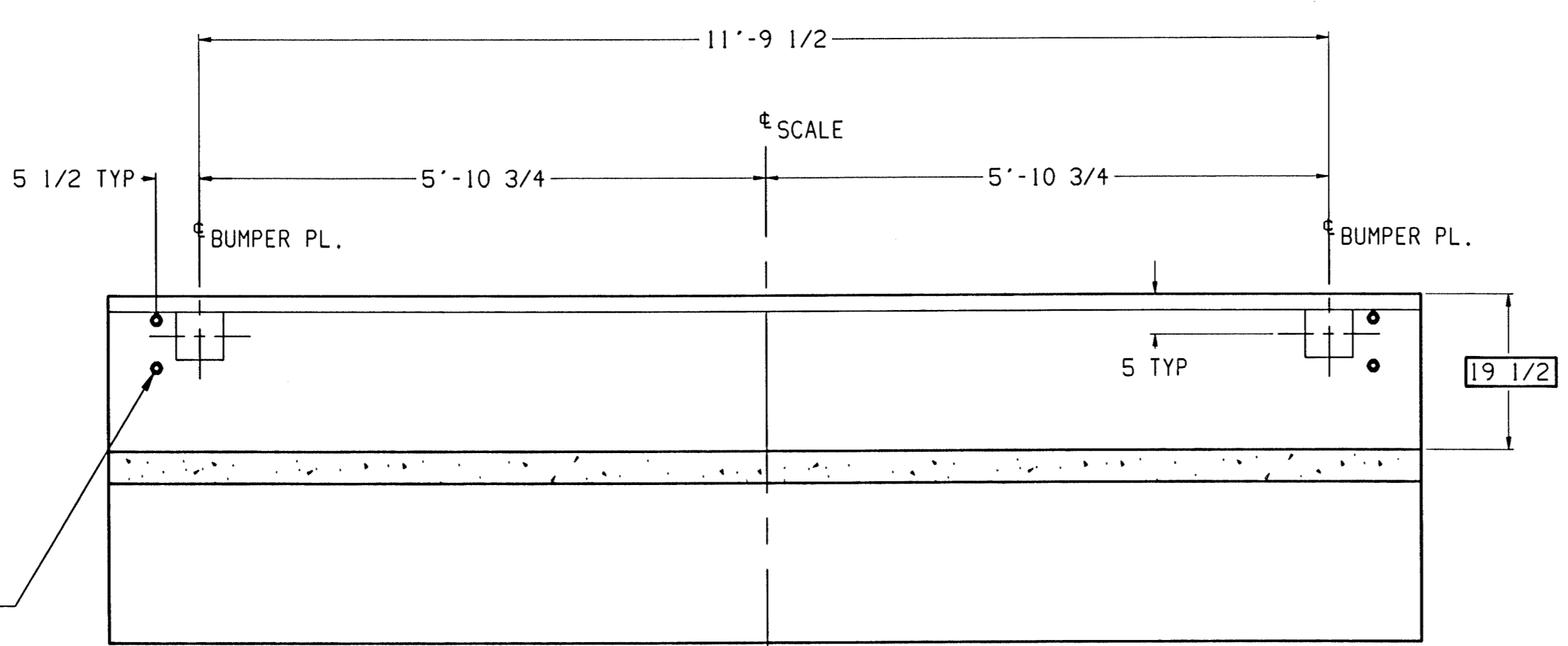


A-A
(SCALE: 1:16)
FOOTER ANCHOR BOLT PLACEMENT

DETAIL E
(SCALE: 1:16)
ANCHOR BOLT PLACEMENT
(OTHER SIDE IS OPPOSITE)
SEE NOTE 6

DETAIL G
(SCALE: 1:4)
SEE NOTE 10

C-C
(SCALE: 1:8)
BUMPER PLATE ASSY'S: TWO EACH END
MATERIAL: H.R. STEEL
SEE NOTE 10



B-B
(SCALE: 1:16)
BUMPER PLATE PLACEMENT

NOTES:

- 1) USE MINIMUM 3000 PSI STRENGTH CONCRETE AT 28 DAYS WITH 5-7% AIR ENTRAINMENT.
- 2) USE MINIMUM 60KSI YIELD DEFORMED REINFORCING STEEL.
- 3) FOUNDATION REQUIRES 2500 PSF RATED SOIL.
- 4) TOP OF CONCRETE AT BASEPLATE LOCATIONS TO BE LEVEL AND IN ONE PLANE ±1/8".
- 5) DIAGONAL MEASUREMENTS, ENDWALL TO ENDWALL, MUST BE EQUAL WITHIN 1/2".
- 6) BASEPLATE AND LATERAL BUMPER ANCHORS SUPPLIED BY METTLER TOLEDO. USE BASEPLATES AND LATERAL BUMPERS AS TEMPLATES TO LOCATE EXPANSION BOLTS DURING SCALE INSTALLATION.
- 7) RAMP LENGTH: -PER LOCAL REGULATIONS
-1/2" SLOPE PER FOOT TYPICAL
- 8) OPTIONAL: 6" OF GRAVEL MAY BE USED UNDER APPROACHES TO IMPROVE DRAINAGE.
- 9) REBAR MINIMUM DEPTH OF COVER SHOULD BE IN ACCORDANCE WITH THE LATEST ACI BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE (ACI 318-SECTION 7.7), UNLESS OTHERWISE SPECIFIED.
- 10) CONTRACTOR SUPPLIES:
-EXCAVATION
-CONCRETE AND FORMS
-REINFORCING STEEL
-1 1/2" DIA CONDUIT
-6" SCH. 40 PIPE
-CURB ANGLE ASSEMBLIES (DETAIL G)
-BUMPER PLATE ASSEMBLIES (VIEWS C-C & D-D)
-END WALL ROCK GUARD (DETAIL G).

SYM	QTY	SIZE	LOCATION, DIRECTION	LENGTH	WGT
ST1	38	#6	FOOTERS, LATERAL	13'-2"	752
ST2	22	#5	APPROACHES, LATERAL	13'-2"	303
ST3	28	#5	APPROACHES, LONG.	9'-6"	278
L1	28	#5	APPROACH TO FOOTER	2'-0"x2'-0"	117

FOOTERS AND APPROACHES ONLY	FOOTER DEPTH: "X" INCHES (24 INCH MINIMUM)				
	24	36	48	60	72
CONCRETE (CU. YD.)	38	51	64	77	90
REINFORCING STEEL (LB)	1450				

FOR OPTIONAL 4" CONCRETE WASHOUT SLAB ADD:
 WFF 6x6x1.4x1.4 - 1025 SQ. FT.
 CONCRETE - 14 CU. YD.
 1/2" EXPANSION JOINT - 140 FT.

* REFER TO SCALE GENERAL LAYOUT DRAWING FOR DECK CONCRETE AND REINFORCING STEEL SPECIFICATIONS.

SPACE REBAR TO AVOID EXPANSION BOLTS; TYPICAL ALL LATERAL BUMPER BOLT LOCATIONS. (BOLTS SHOWN FOR REFERENCE ONLY)

REV	CHANGE	BY	DATE	SCALE	1/50

DATE 2/23/99
 DRN JEB | APPD
 TITLE 7531KD FOUNDATION VARIABLE FOOTER 100'x11'

UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES, AND DIMENSIONAL TOLERANCES ARE:
 FRACTIONAL .XX ±.02
 DECIMAL .XXX ±.005
 ANGULAR ±.5°

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