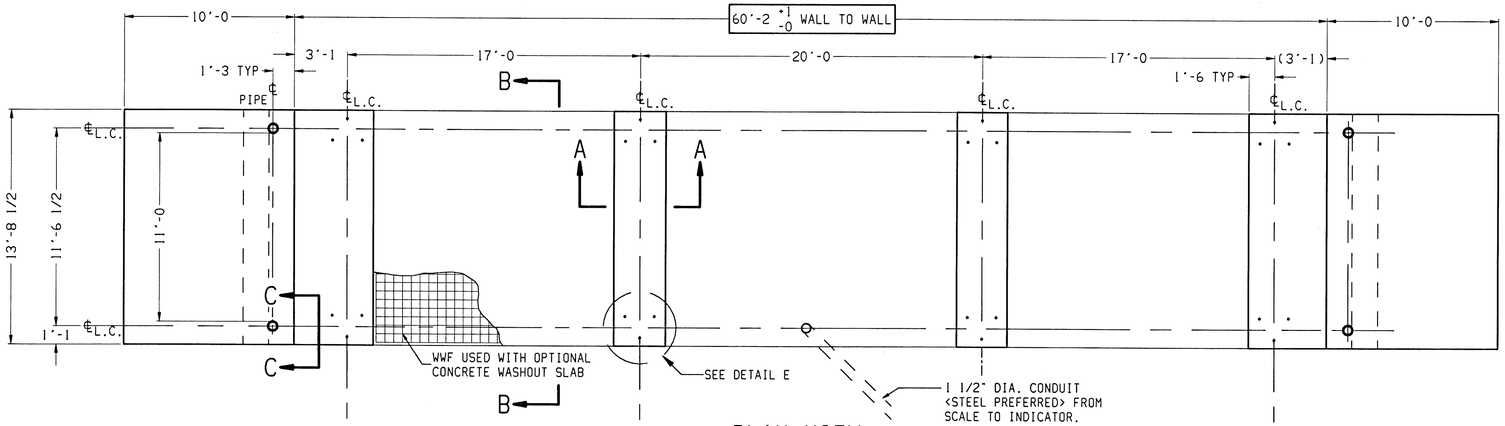
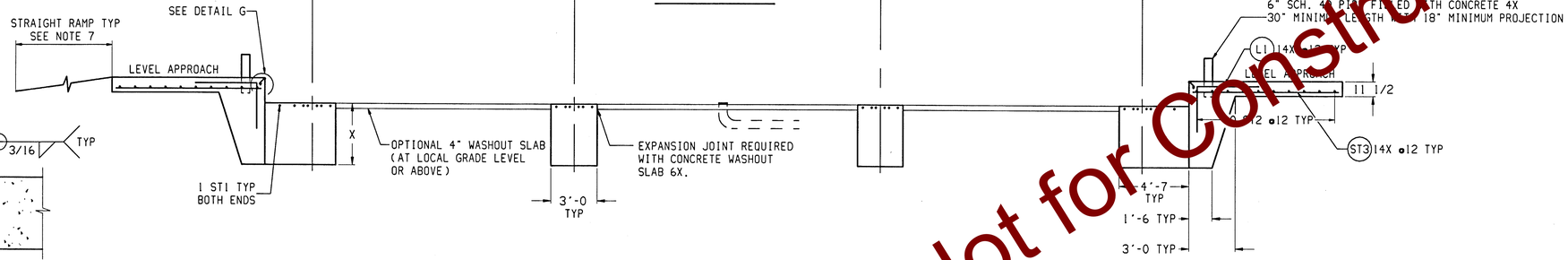
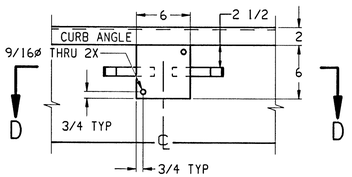


PLAN VIEW



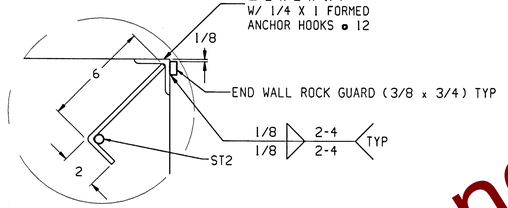
ELEVATION VIEW

D-D



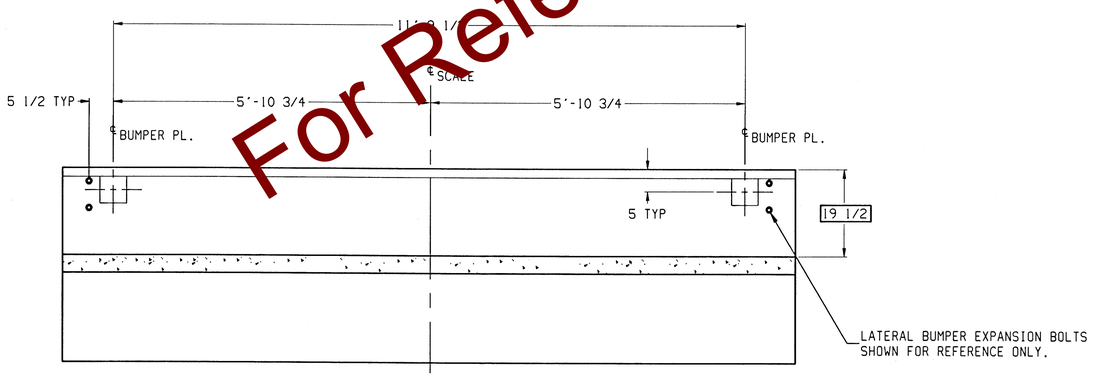
C-C

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



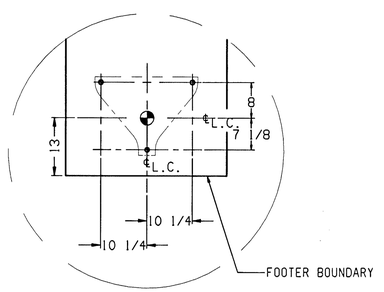
DETAIL G

(SCALE: 1:4)
SEE NOTE 10



B-B

(SCALE: 1:16)
BUMPER PLATE PLACEMENT



DETAIL E

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

SYM	QTY	SIZE	LOCATION. DIRECTION	LENGTH	WGT
ST1	26	#6	FOOTERS. LATERAL	13'-2	514
ST2	22	#5	APPROACHES. LATERAL	13'-2	302
ST3	28	#5	APPROACHES. LONG.	9'-6	277
L1	28	#5	APPROACH TO FOOTER	2'-0x2'-0	117
				TOTAL	1210

MATERIAL SUMMARY * FOOTERS AND APPROACHES ONLY	FOOTER DEPTH: "X" INCHES (24 INCH MINIMUM)				
	24	36	48	60	72
CONCRETE (CU. YD.)	32	42	52	62	72
REINFORCING STEEL (LB)	1210				

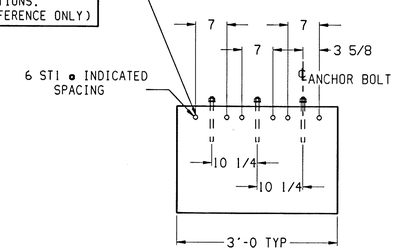
FOR OPTIONAL 4" CONCRETE WASHOUT SLAB ADD:
WWF 6x6_W1.4xW1.4 - 620 SQ. FT.
CONCRETE - 8 CU. YD.
1/2" EXPANSION JOINT - 85 FT.

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

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) MINIMUM DEPTH OF COVER FROM THE SURFACE FOR REBAR IS 2". HOWEVER IN PLACES WHERE THE SURFACE IS IN CONTACT WITH THE GROUND, THE REBAR COVER SHOULD BE 3".
10) CONTRACTOR SUPPLIES:
   -EXCAVATION
   -CONCRETE AND FORMS
   -REINFORCING STEEL
   -1 1/2" DIA CONDUIT
   -CURB ANGLE ASSEMBLIES (DETAIL G)
   -BUMPER PLATE ASSEMBLIES (VIEWS C-C & D-D)
   -END WALL ROCK GUARD (DETAIL G)
   -6" SCH. 40 PIPE.

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



A-A

(SCALE: 1:16)
FOOTER ANCHOR BOLT PLACEMENT

For Reference Only. Not for Construction.

REV	CHANGE	BY	DATE

SCALE 1/50
DATE 7/15/99
DRN ELB APPD

METTLER TOLEDO

TITLE 7531KD. FOUNDATION. VARIABLE FOOTER. 60'x11'

UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES, AND DIMENSIONAL TOLERANCES ARE:
FRACTIONAL ±1/32 DECIMAL .XX ±.02 .XXX ±.005 ANGULAR ±.5°

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