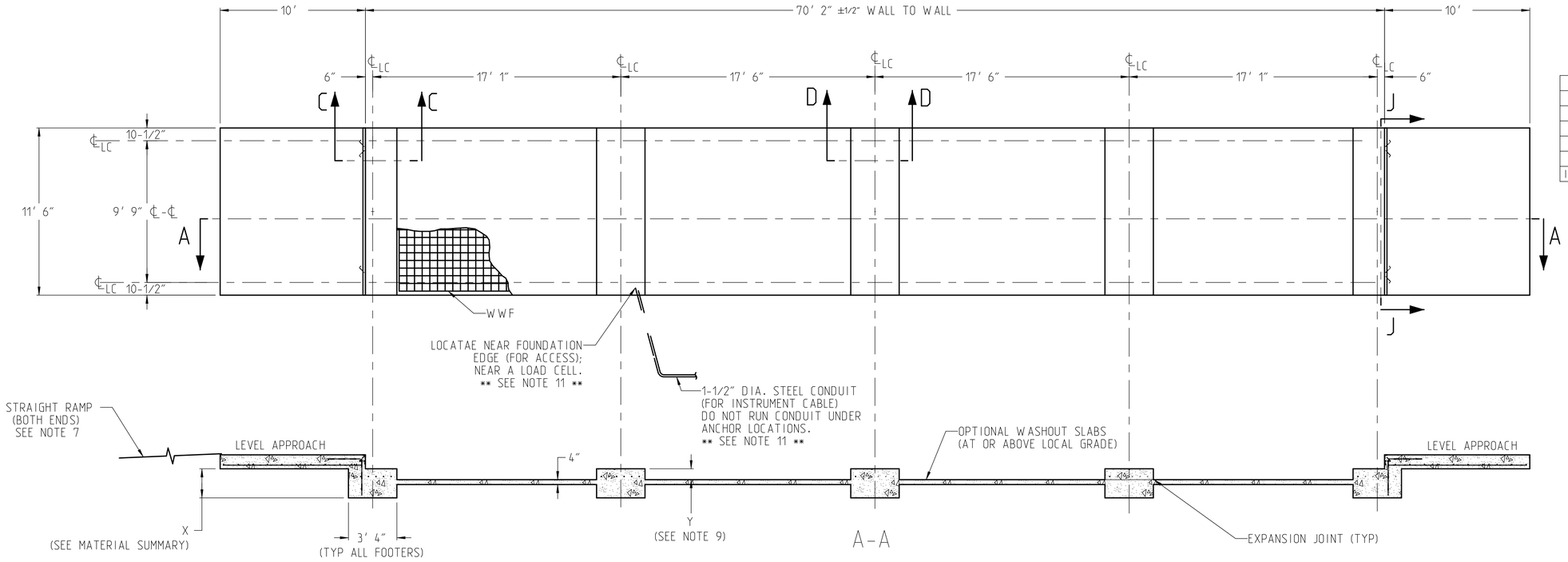
L1 IS GIVEN WITHOUT RISER BASEPLATES.
DIMENSION "B" AND WEIGHT WILL VARY WITH THE HEIGHT OF RISERS USED, AS FOLLOWS:

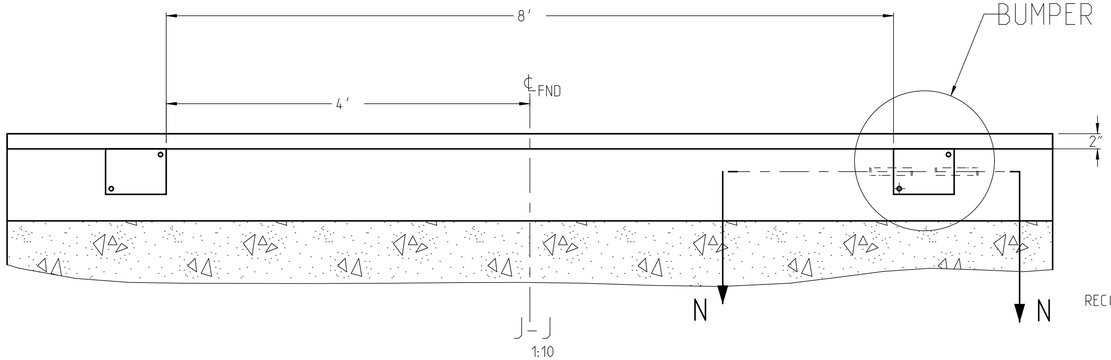
	L1-B	WGT
NO RISERS	30"	120
3" RISERS	33"	128
6" RISERS	36"	134

				TOTAL WEIGHT:			1107
5	24	L1	#5	APPROACH TO END TIES	28.00	30.00	120
4	24	ST3	#5	APPROACHES, LONG.	114.00		238
3	20	ST2	#5	APPROACHES, LATERAL	132.00		230
2	2	ST2	#5	ENDS, LATERAL	132.00		23
1	30	ST1	#6	FOOTERS, LATERAL	132.00		496
ITEM	QTY	SYM	SIZE	DESCRIPTION	A	B	WEIGHT

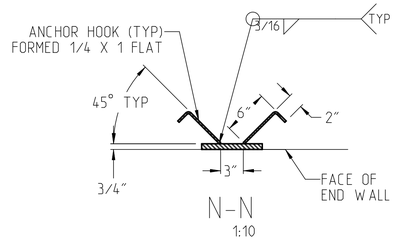


A-A

BUMPER PLATE DETAIL

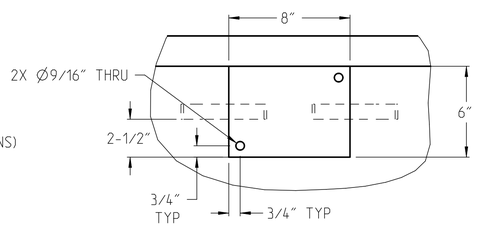


J-J
1:10

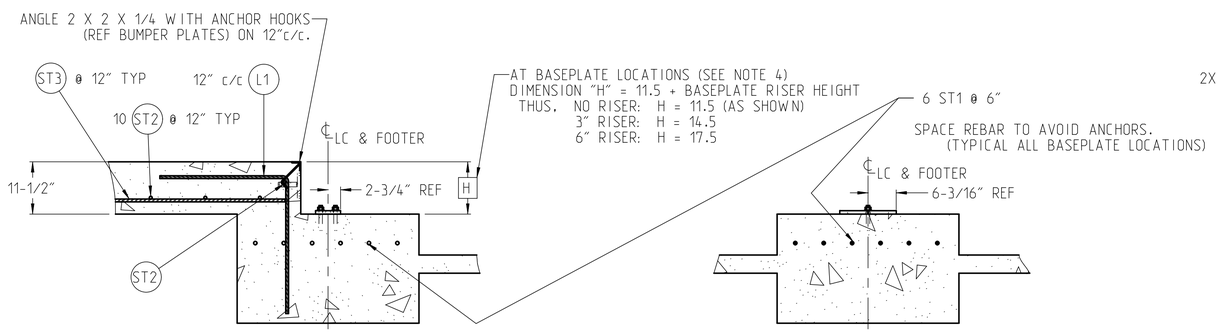


N-N
1:10

RECOMMENDED BUMPER PLATES (TWO EACH END)
MATERIAL: HR STEEL (BY OTHERS



BUMPER PLATE DETAIL
1:5



C-C
3:50

D-D
3:50

MATERIAL SUMMARY* (INCLUDES FOOTERS & APPROACHES) (DOES NOT INCLUDE SCALE DECK)	FOOTER DEPTH: "X" INCHES (24 INCH MINIMUM)				
	24	36	48	60	72
CONCRETE (CU. YDS)	22.4	29.5	36.6	43.7	50.8

*IF OPTIONAL WASHOUT SLABS ARE USED, ADD:
642 SQ. FT. OF WWF: 6X6_W1.4XW1.4
7.9 CU. YD. OF CONCRETE

NOTES:

1) FOUNDATION REQUIRES MINIMUM 3000 PSI STRENGTH CONCRETE AT 28 DAYS WITH 5-7% AIR ENTRAINMENT. SPECIFICATIONS FOR SCALE DECK CONCRETE ARE FOUND ON CORRESPONDING GENERAL LAYOUT DRAWING.
2) USE MINIMUM 60KSI YIELD DEFORMED REINFORCING STEEL. 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.
3) FOUNDATION REQUIRES 2500 PSF RATED SOIL FOR HIGHWAY TRUCK APPLICATIONS.
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 ANCHORS TO BE SUPPLIED BY METTLER-TOLEDO. USE BASEPLATES AS TEMPLATES TO LOCATE ANCHORS DURING SCALE INSTALLATION.
7) RAMP LENGTH: -PER LOCAL REGULATIONS
   -1/2" SLOPE PER FOOT TYPICAL
8) BOTTOM OF FOOTER MUST BE BELOW LOCAL FROSTLINE.
9) FOOTER HEIGHT "Y" CAN BE VARIED TO SUIT LOCAL CLEARANCE REQUIREMENTS. TOP OF FOOTER AT GRADE LEVEL, i.e. FLUSH WITH WASHOUT SLABS, PROVIDES STANDARD 3" CLEARANCE BETWEEN BOTTOM OF WEIGHBRIDGE AND WASHOUT SLABS.
10) OPTIONAL: 6" OF GRAVEL MAY BE USED UNDER APPROACHES TO IMPROVE DRAINAGE.
11) CONDUIT LOCATION VARIES BY APPLICATION. DO NOT RUN CONDUIT UNDER BASE PLATE LOCATIONS. CONDUIT MAY BE RUN ALONG THE SIDE OF THE FOUNDATION FOR ACCESS. SCALE WILL BE APPR. 6" INWARD FROM EDGE OF FOUNDATION/FOOTERS. THERE IS A NOMINAL 3" OF CLEARANCE BETWEEN BOTTOM OF SCALE AND PIER. CONDUIT PLACEMENT IS TO CONFORM TO ANY LOCAL CODES.
12) CONTRACTOR SUPPLIES:
   -EXCAVATION -CONCRETE AND FORMS
   -REINFORCING STEEL -1 1/2" DIA CONDUIT
   -CURB ANGLE ASSEMBLIES -BUMPER PLATE ASSEMBLIES
   (SECT C-C) (VIEWS J-J & N-N)

REV / CHG	ZONE	DESCRIPTION	BY	APPVD	AGENCY	E.R. NO.	DATE
		RECORD OF CHANGES					

METTLER TOLEDO MTMS US-43229 Columbus OH

Refer to protection notice ISO 16016 / Schutzvermerk ISO 16016 beachten

Description: VTC15x FDN VF 70x11 W/RSR

Model: D000671402 Rev: A | Drawing: D000671402 Rev: A

Drawn	Winningham, Corbin	28-Jan-2022	Scale 1:50
Change	-	-	Format ANSI D
Note			Replaces -
No 61810527		ERP No	ERP Rev
Rev			
Status:			Units: INCH 1/1

One V5.0