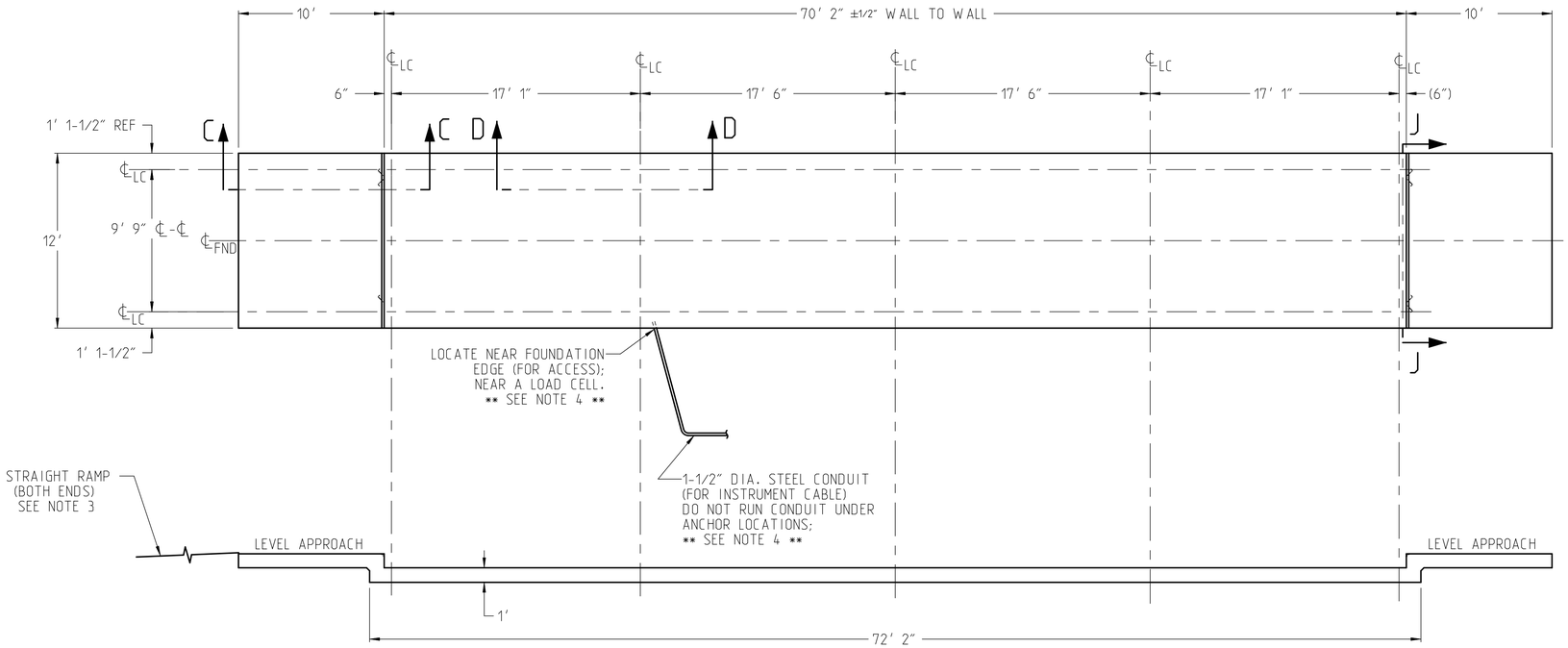


L1 & L2 ARE GIVEN WITHOUT RISER BASEPLATES. DIMENSION "B" AND WEIGHT WILL VARY WITH THE HEIGHT OF RISERS USED, AS FOLLOWS:

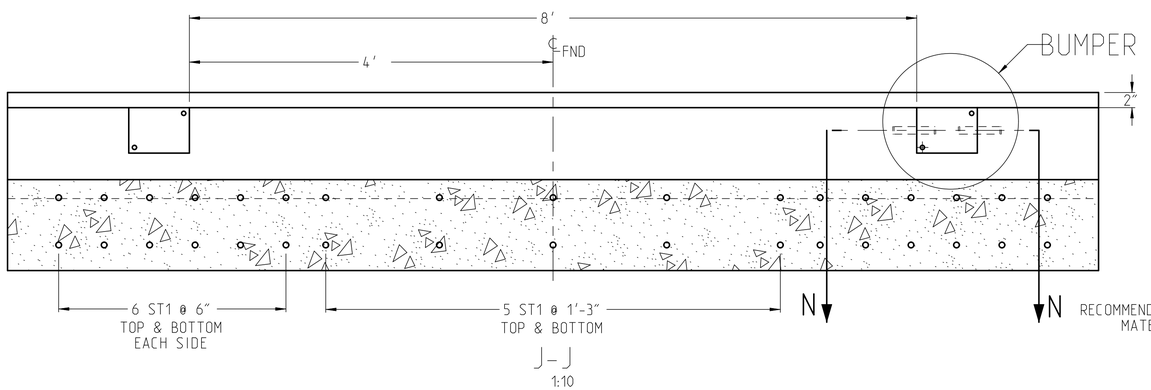
	L1-B	WGT	L2-B	WGT
NO RISERS	17″	76	13″	58
3″ RISERS	20″	83	16″	64
6″ RISERS	23″	89	19″	70

A B

COLD FORM BARS TO INSIDE DIMENSIONS

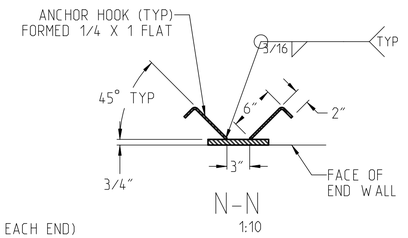
				TOTAL WEIGHT:			5344
7	24	L2	#5	APPROACH TO END TIES	15.00	13.00	58
6	24	L1	#5	APPROACH TO END TIES	20.00	17.00	76
5	2	ST4	#5	ENDS, LATERAL	138.00		24
4	20	ST4	#5	APPROACHES, LATERAL	138.00		240
3	24	ST3	#5	APPROACHES, LONG.	114.00		238
2	87	ST2	#5	BASE, LATERAL	138.00		1045
1	34	ST1	#6	BASE, LONGITUDINAL	860.00		3663
ITEM	QTY	SYM	SIZE	DESCRIPTION	A	B	WEIGHT

MATERIAL SUMMARY* (NO RISERS) (DOES NOT INCLUDE SCALE DECK)	
CONCRETE (CU. YDS)	40.6

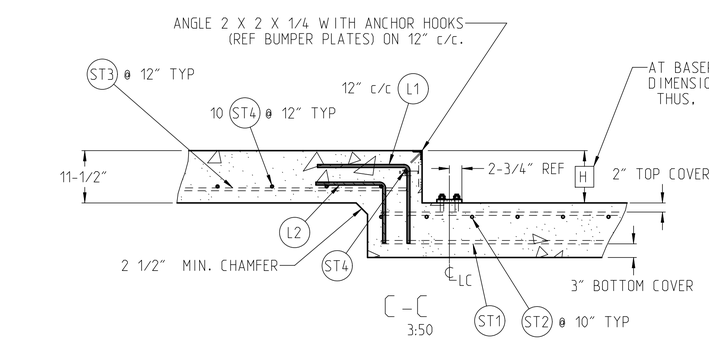


BUMPER PLATE DETAIL

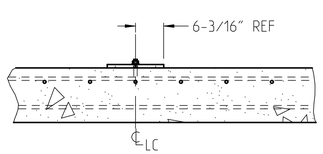
RECOMMENDED BUMPER PLATES (TWO EACH END)
MATERIAL: HR STEEL (BY OTHERS)



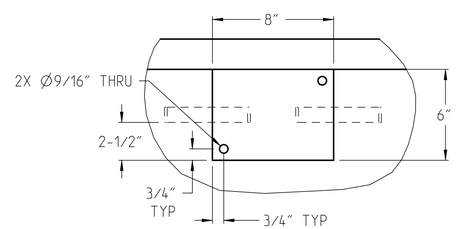
N-N
1:10



C-C
3:50



D-D
3:50



BUMPER PLATE DETAIL
1:5

NOTES:

1) FOUNDATION REQUIRES 1500 PSF RATED SOIL OR COMPACTED ENGINEERED FILL. CAPACITY MUST BE DOCUMENTED.
2) MATERIALS
   A) USE 3000 PSI CONCRETE WITH 5-7% AIR ENTRAINMENT AND 3/4″ AGGREGATE. CONCRETE MUST NOT CONTAIN FLY ASH OR LIGHTWEIGHT AGGREGATE.
   B) USE MINIMUM 60KSI YIELD DEFORMED REINFORCING STEEL.
   C) STRUCTURAL STEEL SHALL BE ASTM A-36 MINIMUM.
   D) ST1 IS SHOWN CONTINUOUS. WHEN LAP SPLICES ARE NECESSARY, ADD A MINIMUM 30″ PER LAP. RECOMMEND STAGGERING LAP SPLICES.
   E) LATERAL TOP REINFORCING IS TO BE SPACED TO AVOID ANCHOR LOCATIONS. DO NOT INSTALL ANCHORS BEFORE CONCRETE HAS CURED.
   F) ONE SET OF THREE CONCRETE CYLINDERS ARE TO BE TAKEN FOR EACH TRUCK LOAD OF CONCRETE AND MARKED TO IDENTIFY THE LOAD DOCUMENTATION. THE OWNER IS RESPONSIBLE FOR MAINTAINING THE CYLINDERS AND TEST REPORTS. THE FIRST CYLINDER FROM EACH SET IS TO BE BROKEN AT 7 DAYS. THE SECOND CYLINDER FROM EACH SET IS TO BE BROKEN AT 28 DAYS. THE THIRD CYLINDER FROM EACH SET IS TO BE STORED. COPIES OF THE TEST REPORTS ARE TO BE PROVIDED TO METTLER TOLEDO UPON REQUEST.
   G) CONCRETE IS TO BE CURED PER THE CURRENT VERSION OF ACI-318. COLD WEATHER PRECAUTIONS SHALL BE FOLLOWED IF THE AVERAGE DAILY TEMPERATURE DROPS BELOW 40°F AND STAYS BELOW 50°F FOR 12 HOURS OR MORE. PLACING CONCRETE WHEN TEMPERATURES ARE BELOW 20°F IS STRONGLY DISCOURAGED. CONCRETE SHALL NOT BE ALLOWED TO FREEZE.
3) SITE REQUIREMENTS
   A) DIAGONAL MEASUREMENTS ENDWALL TO ENDWALL MUST BE EQUAL WITHIN 1/2″.
   B) TOP OF CONCRETE AT ALL BASEPLATE LOCATIONS TO BE IN THE SAME PLANE WITHIN 1/8″.
   C) TOP OF CONCRETE AT BASEPLATE LOCATIONS MUST BE LEVEL. GRIND LEVEL AFTER CONCRETE HAS CURED IF NECESSARY. BASE PLATES MUST NOT ROCK.
   D) APPROACHES MUST BE LEVEL AND IN THE SAME PLANE WITHIN 1/4″.
   E) RAMP LENGTH PER LOCAL REGULATIONS (1/2″ SLOPE PER FOOT IS TYPICAL).
4) CONDUIT LOCATION VARIES BY APPLICATION. DO NOT RUN CONDUIT UNDER BASE PLATE LOCATIONS. CONDUIT MAY BE RUN ALONG SIDE THE FOUNDATION FOR ACCESS. SCALE WILL BE APPR. 6″ INWARD FROM EDGE OF FOUNDATION. THERE IS A NOMINAL 3″ OF CLEARANCE BETWEEN BOTTOM OF SCALE AND FOUNDATION FLOOR. CONDUIT PLACEMENT IS TO CONFORM TO ANY LOCAL CODES.
5) CONTRACTOR SUPPLIES:
   -EXCAVATION -CONCRETE AND FORMS
   -REINFORCING STEEL -CURB ANGLE ASSEMBLIES
   -BUMPER PLATE ASSEMBLIES -CONDUIT (1 1/2″ MIN. DIA.)

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 FND FS 70x11 W/RSR

Model: D000674189 Rev: A | Drawing: D000674189 Rev: A

Drawn	Budic, Jeff	27-Jan-2022	Scale 1:60
Change			Format ANSI D
Note			Replaces -
No 61810569		ERP No	ERP Rev
Rev			
Status:			Units: INCH 1/1

Creo V5.0