



REINFORCING STEEL SCHEDULE (A.S.T.M. A-615 GRADE 60)						
COLD FORM BARS TO INSIDE DIMENSIONS			A B			
SYM	QTY	SIZE	LOCATION, DIRECTION	A	B	WGT
ST1	25	#6	FOOTERS, LATERAL	10'		376
ST2	4	#5	ENDS, LATERAL	10'		43
	20		APPROACHES, LATERAL			209
ST3	22	#5	APPROACHES, LONG.	9'-6		198
L1	22	#5	APPROACH TO END TIES	2'-3	2'-3	112

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

NO RISERS	L1
3" RISERS	2'-3
6" RISERS	2'-6
	2'-9

MATERIAL SUMMARY* (INCLUDES FOOTERS & APPROACHES)	FOOTER DEPTH: "X" INCHES (24 INCH MINIMUM)				
	24	36	48	60	72
CONCRETE (CU. YDS.)	19	25	32	38	43
REINFORCING STEEL (LBS)	938				

* IF OPTIONAL WASHOUT SLABS ARE USED, ADD:
571 SQ. FT. OF WWF: 6x6-W1.4xW1.4
8 CU. YD. OF CONCRETE.

NOTES:

- 1) USE MINIMUM 3000 PSI STRENGTH CONCRETE AT 28 DAYS WITH 5-7% AIR ENTRAINMENT.
- 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 $\pm 1/8"$
- 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 EXPANSION BOLTS 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 LOCATIONS MAY VARY BASED ON APPLICATION, AS LONG AS IT DOES NOT INTERFERE WITH BASE PLATE OR ANCHOR LOCATIONS. ON ABOVE GROUND INSTALLATIONS, THE CONDUIT MAY BE RUN ALONG THE SIDE OF THE FOUNDATION. PLEASE CHECK FOR LOCAL CODE REQUIREMENTS REGARDING CONDUIT PLACEMENT.
- 12) CONTRACTOR SUPPLIES:
 - EXCAVATION
 - REINFORCING STEEL
 - CURB ANGLE ASSEMBLIES
 - BUMPER PLATE ASSEMBLIES (SECT C-C)
 - CONCRETE AND FORMS
 - 1 1/2" DIA CONDUIT
 - BUMPER PLATE ASSEMBLIES (VIEWS J-J & N-N)

DRAWING IS TO SCALE ONLY WHEN BORDER MEASURES 22-7/8" X 35" (FULL SIZE)

REV	CHANGE	BY	DATE	SCALE .02	DATE 7/14/93	METTLER TOLEDO
A	ADDED 7561 REFERENCE TO DRAWING TITLE					
B	ADDED REBAR NOTE, ST5 & L1 QTY WERE 22	HBW	06/12/00	DRN RMH APPD		TITLE VT5231/7562 FOUNDATION: VARIABLE FOOTER 70' X 10' WITH RISER OPTIONS
C	ADDED VT5231 TO TITLE, PDX DETAILS, RISERS	ADF	05/24/10			
D	UPDATED NOTES W/ CONDUIT NOTE	KRS	06/17/10			UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES, AND DIMENSIONAL TOLERANCES ARE: FRACTIONAL DECIMAL ANGULAR 1/32 .XX .02 .5" .XXX .005
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