

| REINFORCING STEEL SCHEDULE (A.S.T.M. A-615 GRADE 60) |     |      |                      |  |        |       |
|--|-----|------|----------------------|--|--------|-------|
| COLD FORM BARS TO INSIDE DIMENSIONS                  |     |      | A                    |  |        |       |
| SYM  | QTY | SIZE | LOCATION, DIRECTION  |  | A      | B     |
| ST1  | 24  | #6   | FOOTERS, LATERAL     |  | 138.00 |       |
| ST2  | 2   | #5   | ENDS, LATERAL        |  | 138.00 |       |
| ST2  | 20  | #5   | APPROACHES, LATERAL  |  | 138.00 |       |
| ST3  | 24  | #5   | APPROACHES, LONG.    |  | 114.00 |       |
| L1   | 22  | #5   | APPROACH TO END TIES |  | 27.00  | 31.00 |

L1 GIVEN WITH NO RISER BASEPLATES. DIMENSION "B" WILL VARY WITH THE ACTUAL HEIGHT OF RISERS USED, AS FOLLOWS:

|           |     |
|-----------|-----|
| NO RISERS | "B" |
| 3" RISERS | 31" |
| 6" RISERS | 34" |
|           | 37" |

| MATERIAL SUMMARY *<br>(INCLUDES FOOTERS & APPROACHES)<br>(ASSUMES NO RISERS) | FOOTER DEPTH: "X" INCHES<br>(24 INCH MINIMUM) |      |    |    |    |
|--|---|------|----|----|----|
|  | 24  | 36   | 48 | 60 | 72 |
| CONCRETE (CU. YDS.)  | 24.5  | 31.5 | 39 | 46 | 53 |
| REINFORCING STEEL (LBS)  | 1026  |      |    |    |    |

\* IF OPTIONAL WASHOUT SLABS ARE USED, ADD  
575 SQ. FT. OF WWF: 6x6-W1.4xW1.4  
7 CU. YD. 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.
- 4) TOP OF CONCRETE AT BASEPLATE LOCATIONS TO BE LEVEL AND IN ONE PLANE  $\pm 1/8"$ .
- 5) IMPORTANT: DIAGONAL MEASUREMENTS ENDWALL TO ENDWALL MUST BE EQUAL WITHIN  $1/2"$ .
- 6) BASEPLATE ANCHORS 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 FOOTERS 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 10" CLEARANCE BETWEEN BOTTOM OF WEIGHBRIDGE AND WASHOUT SLABS.
- 10) OPTIONAL: 6" OF GRAVEL MAY BE USED UNDER APPROACHES TO IMPROVE DRAINAGE. REFER TO LOCAL BUILDING CODES FOR BASE REQUIREMENTS.
- 11) CONTRACTOR SUPPLIES:
  - EXCAVATION
  - REINFORCING STEEL
  - CURB ANGLE ASSEMBLIES (DETAIL C)
  - BUMPER PLATE ASSEMBLIES (VIEWS J-J & N-N)
  - CONCRETE AND FORMS
  - 1 1/2" DIA CONDUIT (STEEL PREFERRED)

|     |                                    |  |     |          |   |                |
|-----|------------------------------------|--|-----|----------|---|----------------|
| REV | CHANGE                             |  | BY  | DATE     | SCALE 0.020   | METTLER TOLEDO |
| A   | UPDATED HEIGHT NOTE IN DETAIL C    |  | KRS | 11/02/10 | DATE 7/29/10  |                |
| B   | DIMS CONVERTED FROM INCHES TO FEET |  |     |          | DRN JLB/APPD JLB  |                |
|     | UPDATED DWG TO N109 WAS [TC208421] |  | NLD | 05/05/17 | TITLE VTC10X FOUNDATION, VARIABLE FOOTER, 60' X 11',<br>WITH RISER OPTIONS  |                |
|     |                                    |  |     |          | UNLESS OTHERWISE SPECIFIED, ALL<br>DIMENSIONS ARE IN INCHES, AND<br>DIMENSIONAL TOLERANCES ARE:<br>FRACTIONAL DECIMAL ANGULAR<br>±1/16 .X ±.1 .X ±.5<br>.XXX ±.005 .X ±.5   |                |
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|     |                                    |  |     |          | 61805950  |                |

