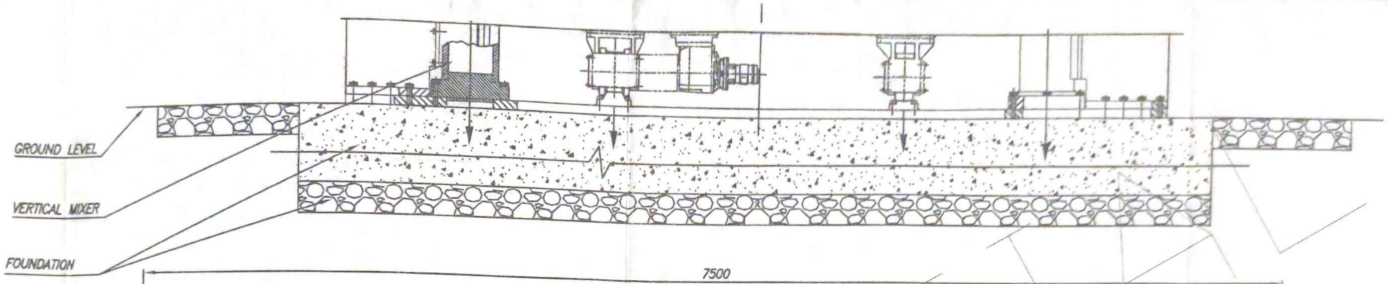
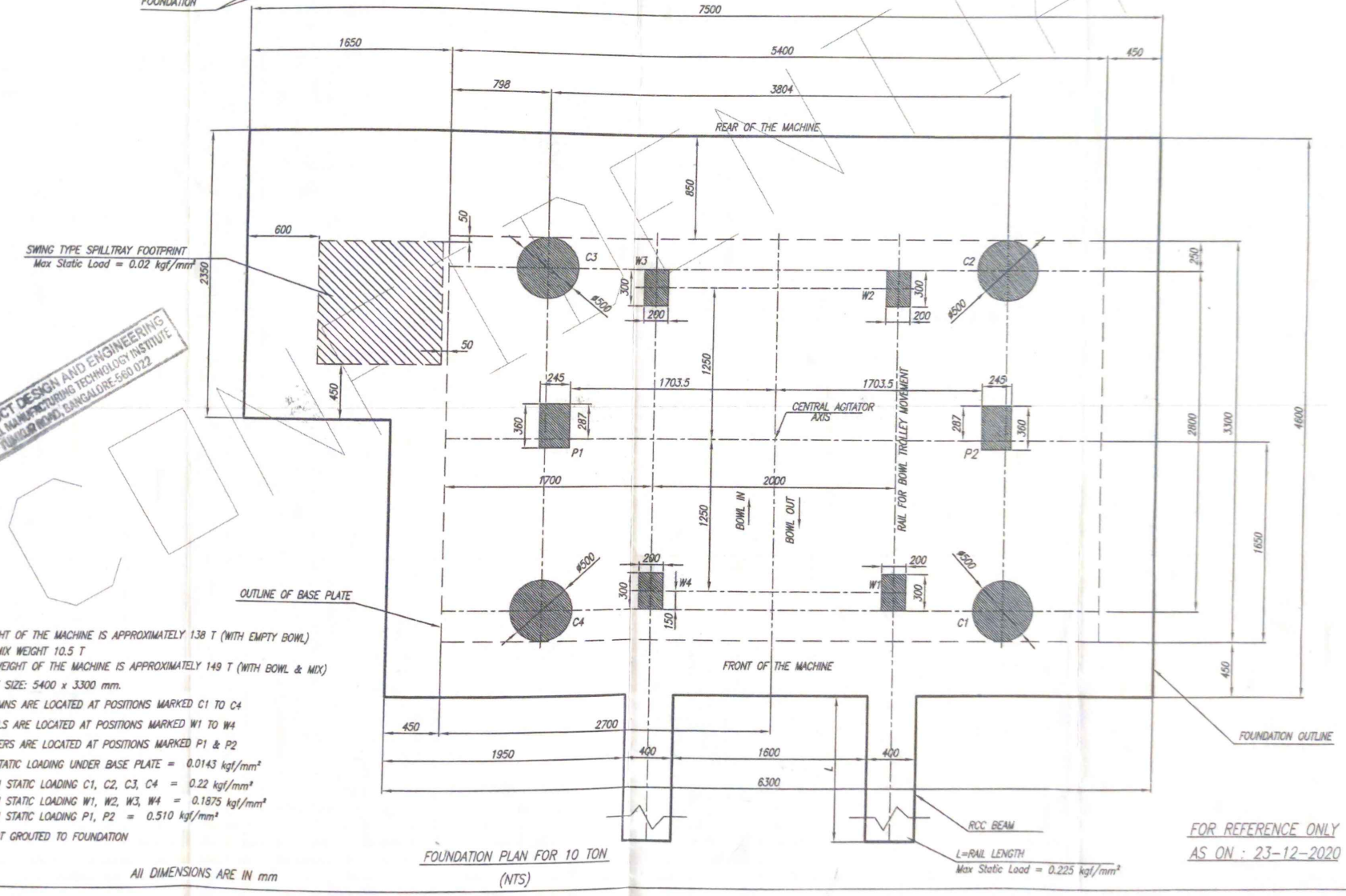
Central Manufacturing Technology Institute – Bangalore





PRODUCT DESIGN AND ENGINEERING
CENTRAL MANUFACTURING TECHNOLOGY INSTITUTE
TUMKUR ROAD, BANGALORE-560 022

NOTE:

1. TOTAL WEIGHT OF THE MACHINE IS APPROXIMATELY 138 T (WITH EMPTY BOWL)
   1.1 TOTAL MIX WEIGHT 10.5 T
   1.2 TOTAL WEIGHT OF THE MACHINE IS APPROXIMATELY 149 T (WITH BOWL & MIX)
2. BASE PLATE SIZE: 5400 x 3300 mm.
3. FOUR COLUMNS ARE LOCATED AT POSITIONS MARKED C1 TO C4
4. FOUR WHEELS ARE LOCATED AT POSITIONS MARKED W1 TO W4
5. TWO CYLINDERS ARE LOCATED AT POSITIONS MARKED P1 & P2
6. AVERAGED STATIC LOADING UNDER BASE PLATE = 0.0143 kgf/mm²
   6.1 MAXIMUM STATIC LOADING C1, C2, C3, C4 = 0.22 kgf/mm²
   6.2 MAXIMUM STATIC LOADING W1, W2, W3, W4 = 0.1875 kgf/mm²
   6.3 MAXIMUM STATIC LOADING P1, P2 = 0.510 kgf/mm²
7. MIXER IS NOT GROUTED TO FOUNDATION

All DIMENSIONS ARE IN mm

FOUNDATION PLAN FOR 10 TON
(NTS)

FOR REFERENCE ONLY
AS ON : 23-12-2020