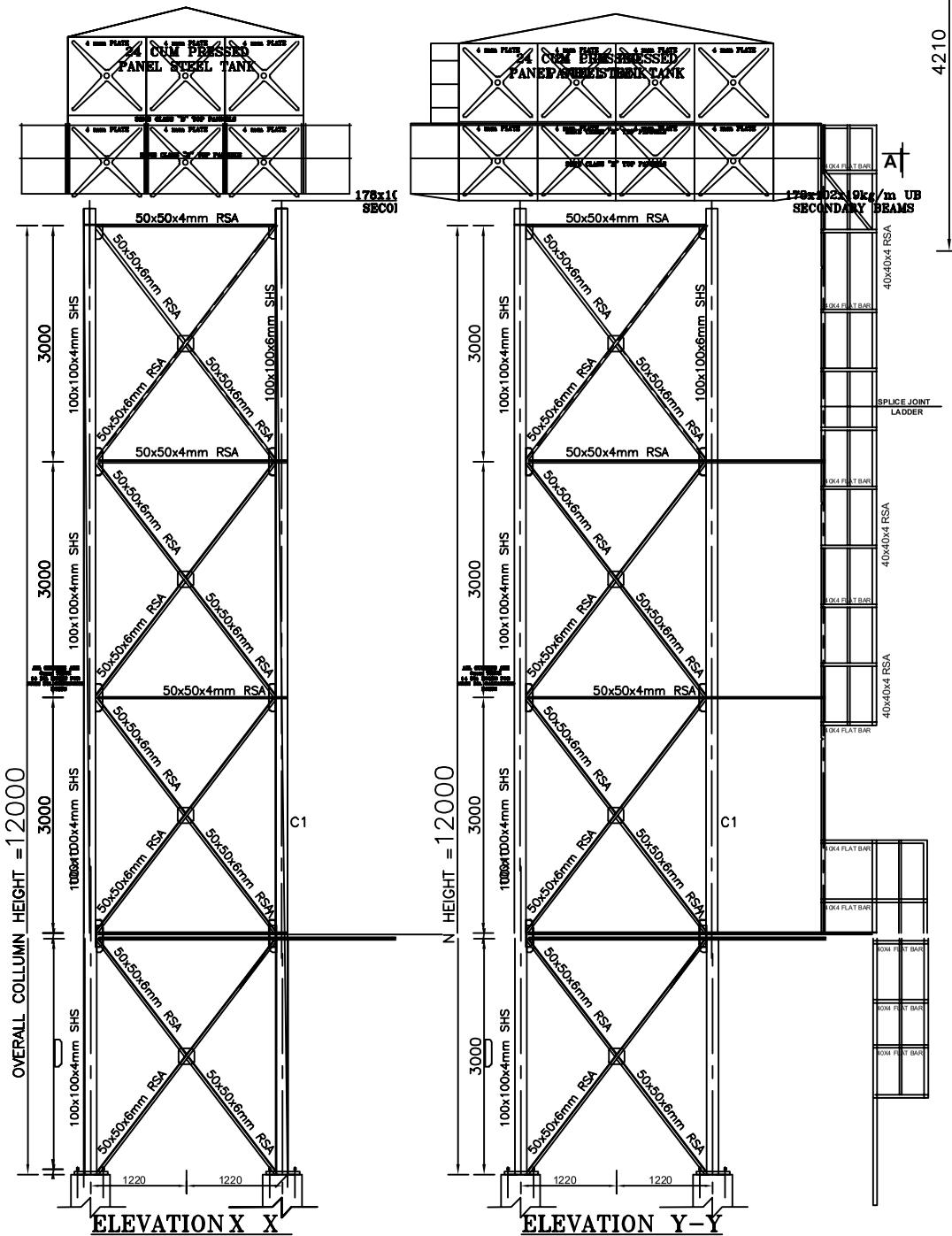
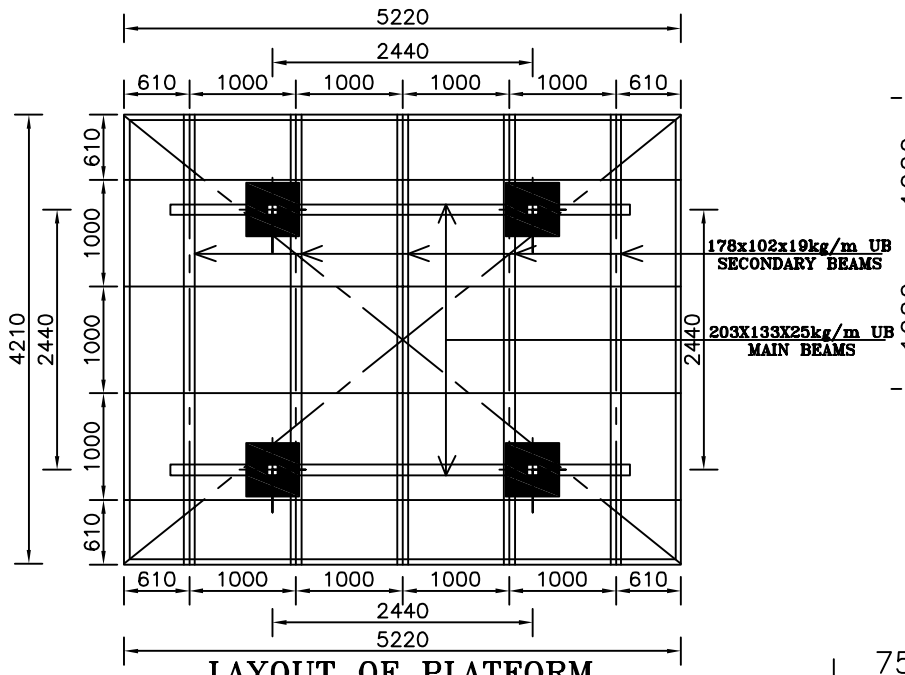
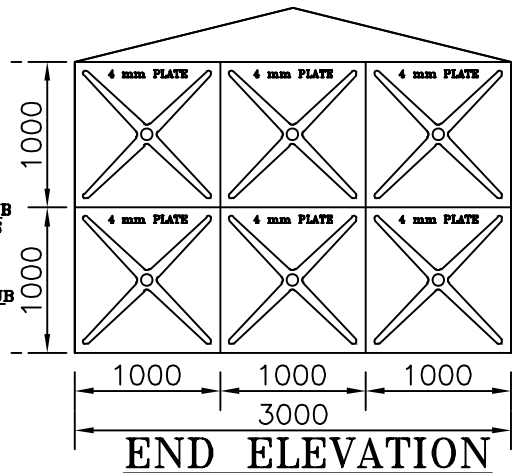


ELEVATION X X

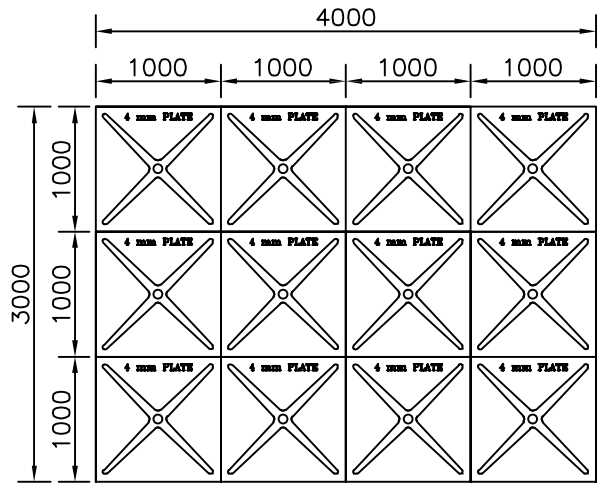
ELEVATION Y–Y

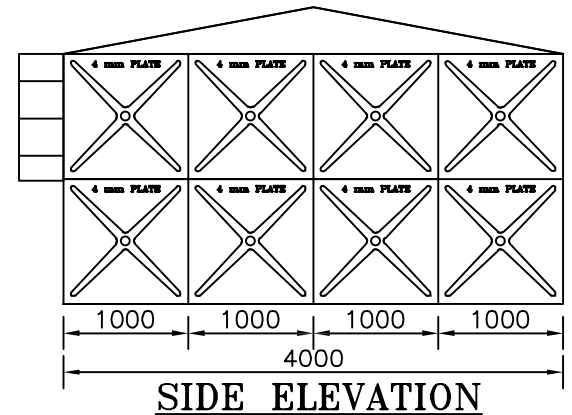


LAYOUT OF PLATFORM
PRIMARY & SECONDARY BEAMS

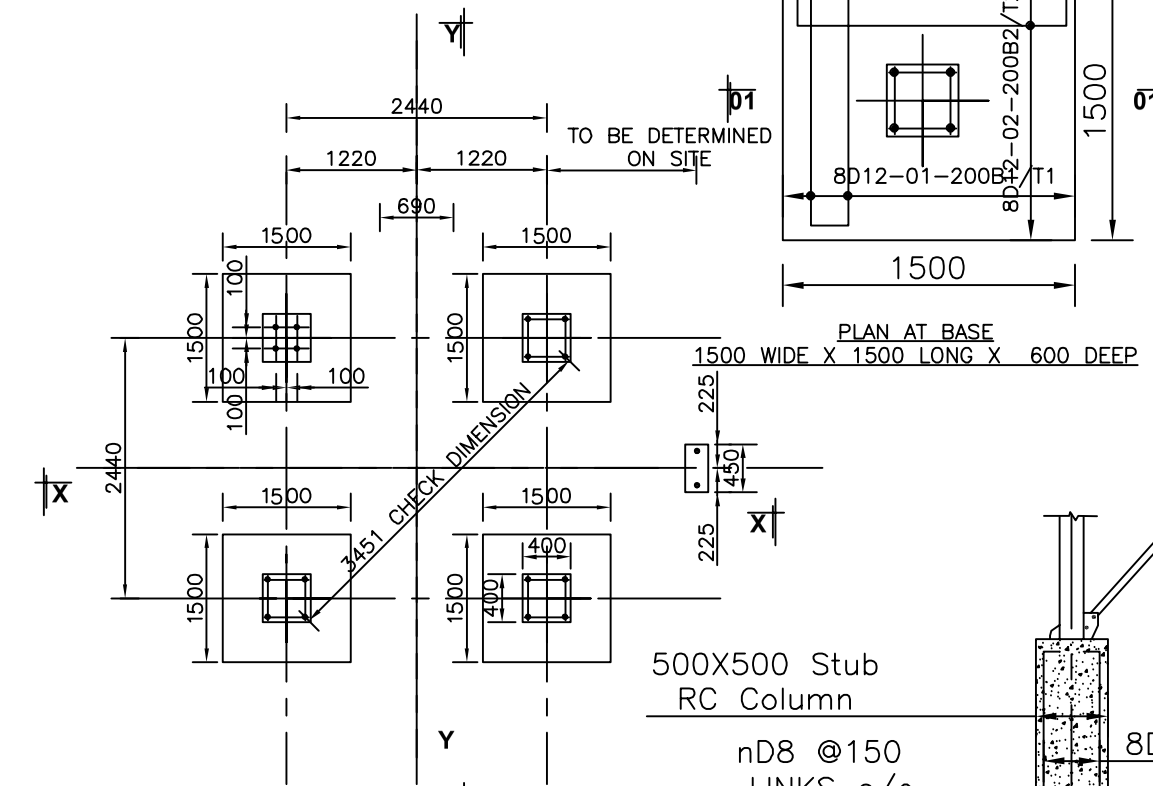


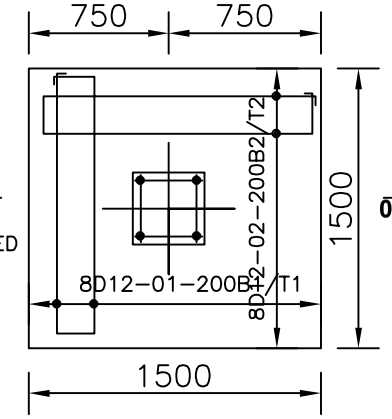
END ELEVATION



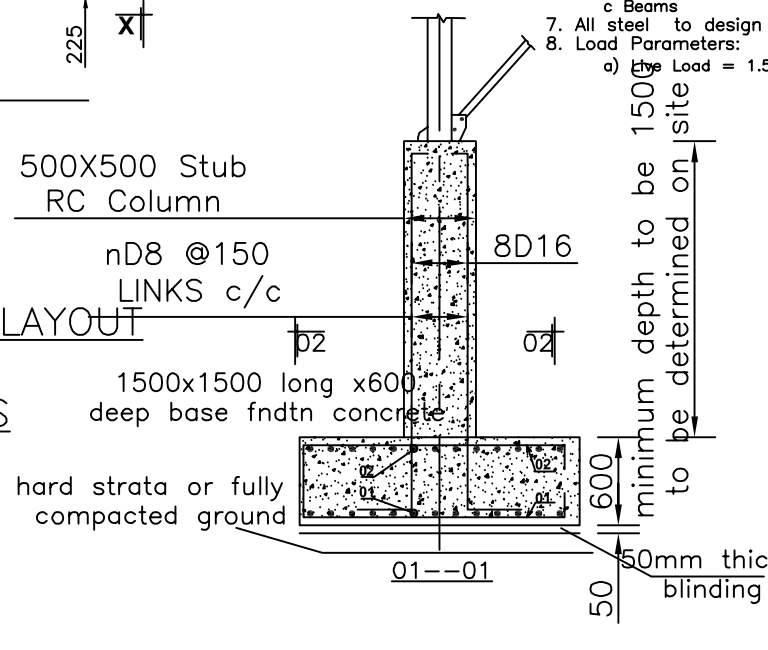


SIDE ELEVATION

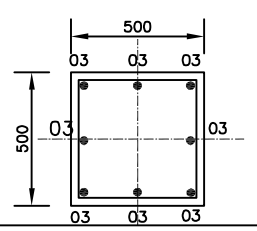




PLAN AT BASE
1500 WIDE X 1500 LONG X 600 DEEP



FOUNDATION/ H.D BOLTS LAYOUT
PLAN &
ANCHORAGE DETAILS



1. This drawing shall be read in conjunction with architectural drawings and in the event of any discrepancy, the Engineer and the Architect shall be notified before proceeding with the works.
2. All dimensions are in millimeters unless specified otherwise.
3. All dimensions shall be verified by the contractor and drawings shall not be scaled of Only figured dimensions shall be used.
4. The depth of foundation shall be to hard stratum and approved by the structural engineer.
5. Concrete shall have 20mm maximum size of aggregates and shall be adequately vibrated and cured. Concrete strength shall be:
   a) Blinding = 15/20 (1:4:8)
   b) Foundation, Column Bases & Columns =25/20 (1:1.5:3)
6. Concrete cover to reinforcement steel to be :
   a) Foundations = 50MM
   b) Columns = 30MM
   c Beams = 25MM
7. All steel to design B.S.4461.
8. Load Parameters:
   a) Live Load = 1.5KN/M2
   b) Wind Load =

REV	DATE	DESCRIPTION	SIGN

CLIENT: TANA WATER WORKS DEVELOPMENT AGENCY

JOB: 12M HIGH ELEVATED WATER TANK TOWER FOR 24M3 STEEL TANK

STRUCTURAL & GENERAL ARRANGEMENT OF TOWER STEEL WORKS

DRG. No.

DRAWN BY
TANA WATER WORKS DEVELOPMENT AGENCY
P.O BOX 1292–10100
NYERI
KENYA

DRAWN BY
CHECKED BY:
SCALE: AS SHOWN
DATE: FEBRUARY 2021

REV