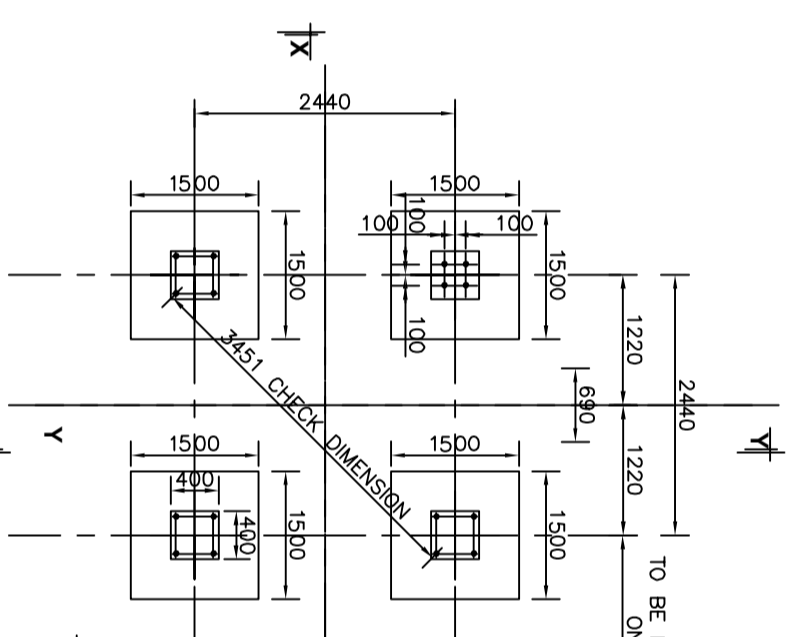


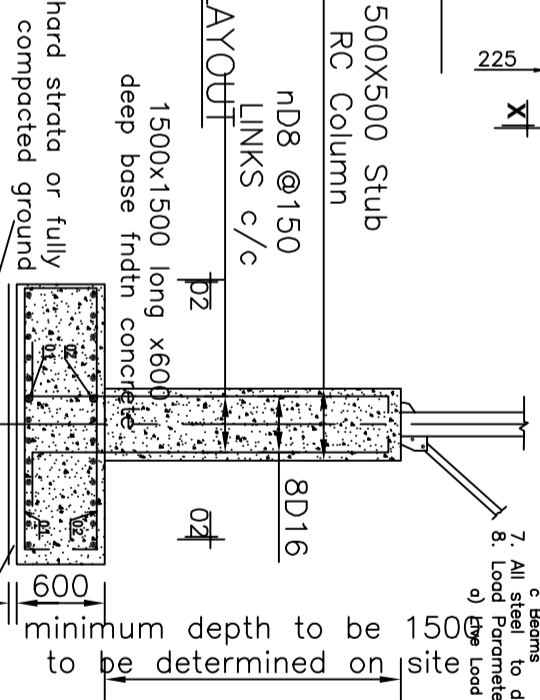
LAYOUT OF PLATFORM
PRIMARY & SECONDARY BEAMS

END ELEVATION

SIDE ELEVATION

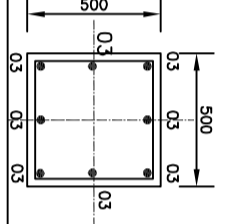


FOUNDATION / H.P. BOLTS LAYOUT
PLAN &
ANCHORAGE DETAILS



FOUNDATION / H.P. BOLTS LAYOUT
ANCHORAGE DETAILS

- 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.
- All dimensions are in millimeters unless specified otherwise.
- All dimensions shall be verified by the contractor and drawings shall not be scaled off. Only figured dimensions shall be used.
- The depth of foundation shall be to hard stratum and approved by the structural engineer.
- Concrete shall have 20mm maximum size of aggregates and shall be adequately vibrated and cured. Concrete strength shall be:
 - Blinding = 15/20 (1:1.4:8)
 - Foundation, Column Bases & Columns = 25/20 (1:1.5:3)
- Concrete cover to reinforcement steel to be:
 - Foundations = 50MM
 - Columns = 30MM
 - Beams = 25MM
- All steel to design B.S.4461.
- Load Parameters:
 - Wind Load = 1.5kN/m²
 - Wind Load =



REV	DATE	DESCRIPTION	SIGN

CLIENT	TANA WATER WORKS DEVELOPMENT AGENCY
JOB	12M HIGH ELEVATED WATER TANK TOWER FOR 24M ³ STEEL TANK
STRUTURAL & GENERAL ARRANGEMENT OF TOWER STEEL WORKS	DRG. No.
DRAWN BY	TANA WATER WORKS DEVELOPMENT AGENCY P.O. BOX 1292-10100 NYERI KENYA
CHECKED BY	AS SHOWN
SCALE	FEBRUARY 2021
DATE	