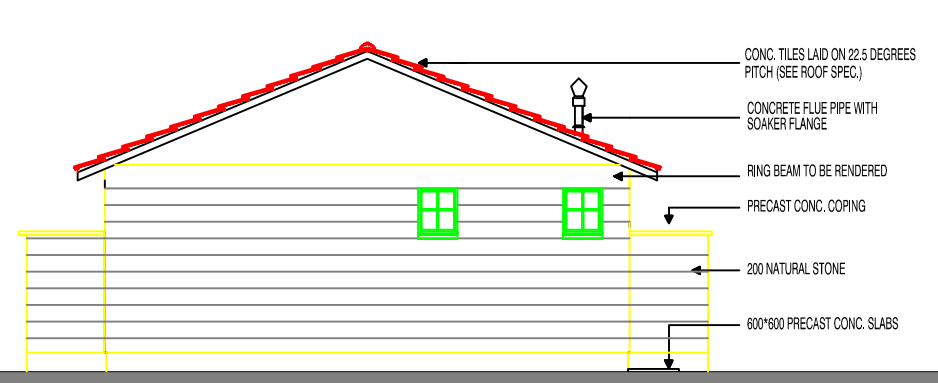


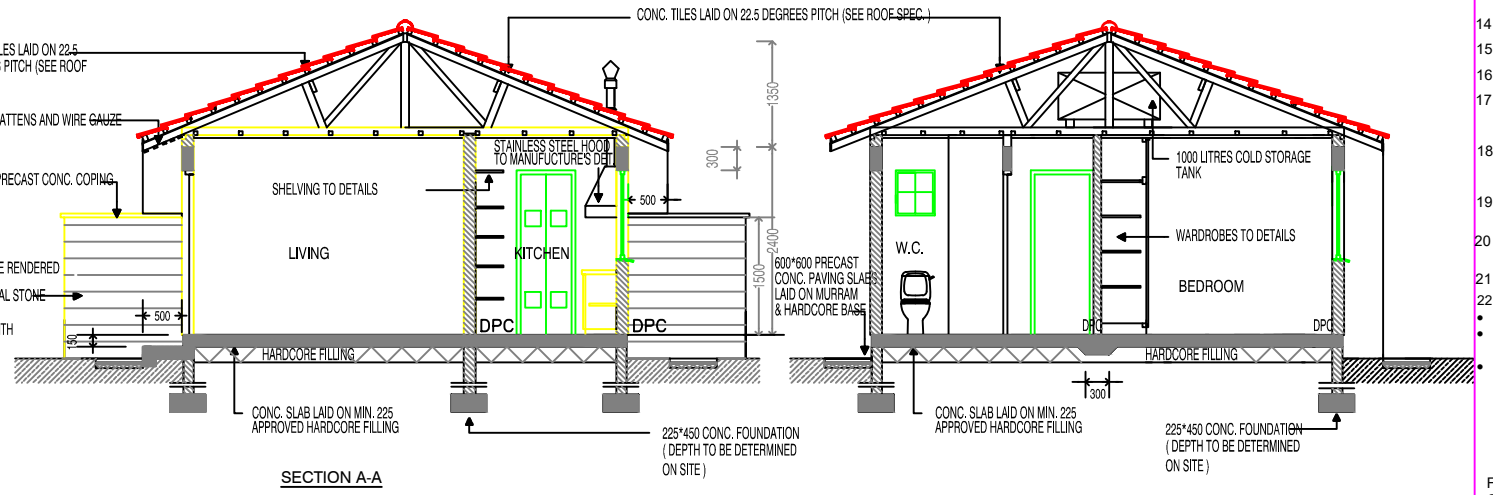
REAR ELEVATION



FRONT ELEVATION

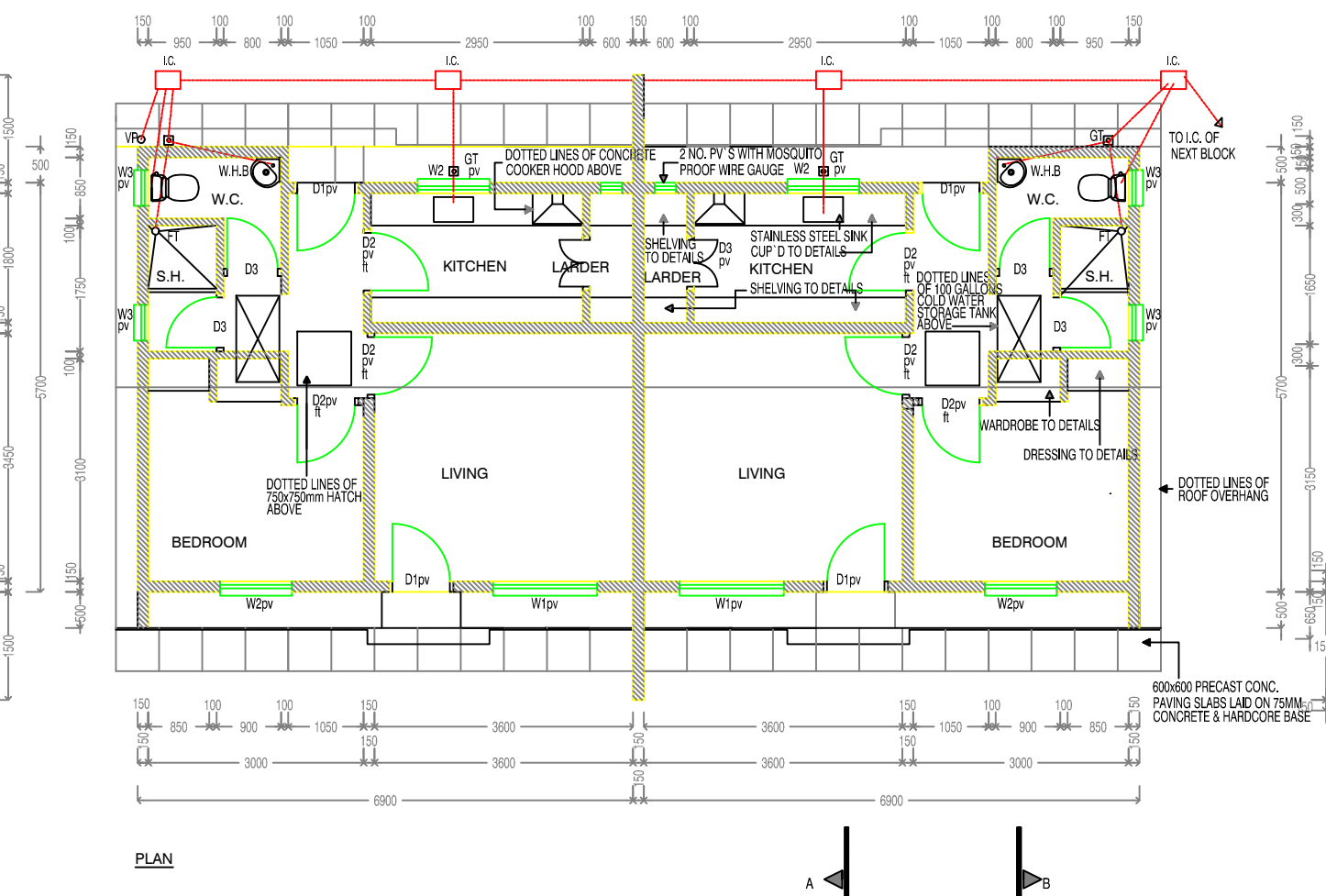


SIDE ELEVATION

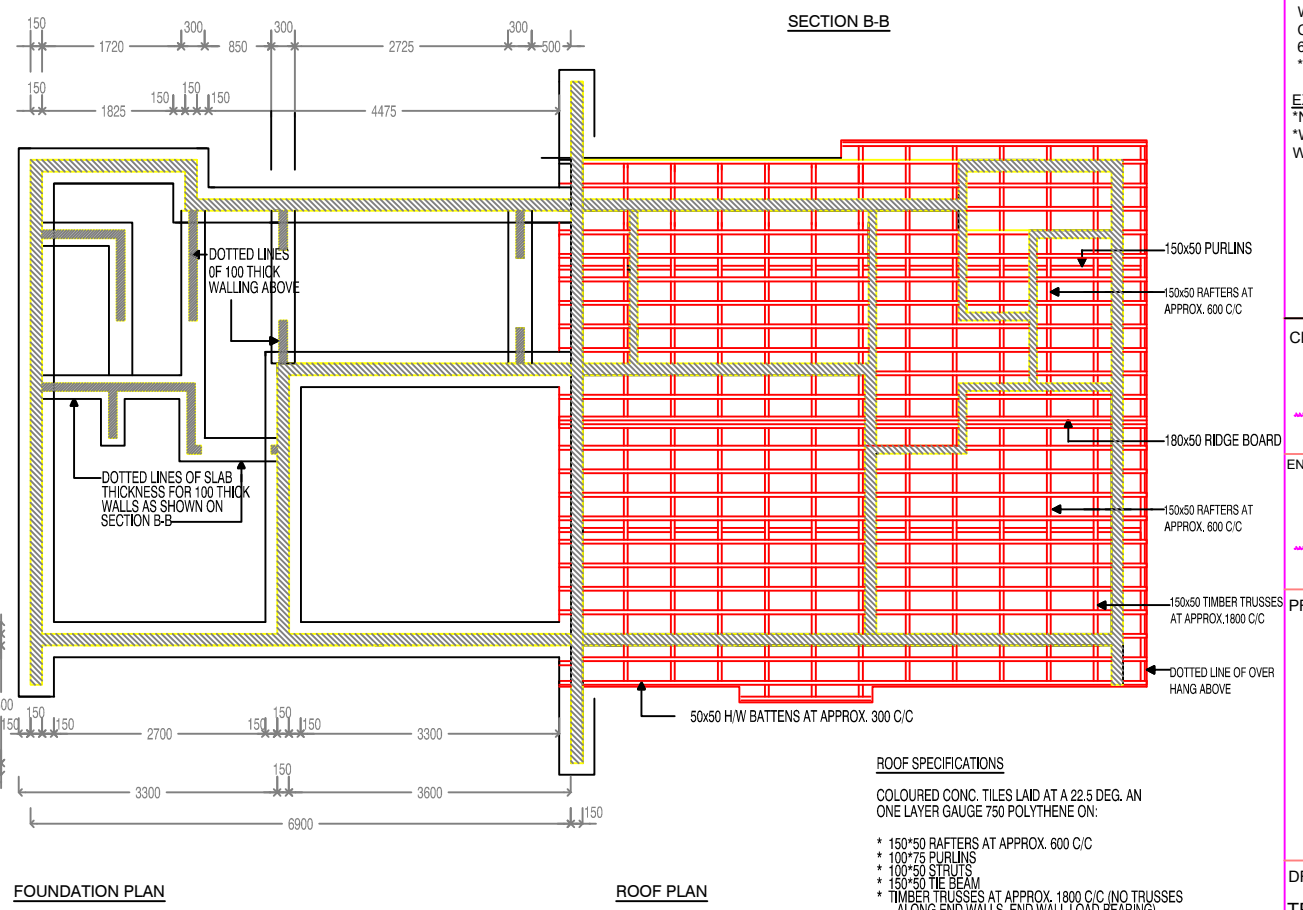


SECTION A-A

SECTION B-B



PLAN



FOUNDATION PLAN

ROOF PLAN

- ROOF SPECIFICATIONS**
- COLOURED CONC. TILES LAID AT A 22.5 DEG. AN ONE LAYER GAUGE 750 POLYTHENE ON:
 - * 150*50 RAFTERS AT APPROX. 600 C/C
 - * 100*75 PURLINS
 - * 100*50 STRUTS
 - * 150*50 TIE BEAM
 - * TIMBER TRUSSES AT APPROX. 1800 C/C (NO TRUSSES ALONG END WALLS. END WALL LOAD BEARING)
 - * 100*5 WALL PLATE
 - * 50*50 BRANDING AT APPROX. 600 C/C
 - * CELOTEX CEILING
 - * EX. 75*25 CORNICE
 - * EX. 250*40 H/W FASCIA

- NOTES**
- 1 ALL DIMENSIONS AND CONDITIONS MUST BE CHECKED ON SITE AND ANY DISCREPANCIES REFERRED TO THE ENGINEER
 - 2 ALL LEVELS TO BE CHECKED ON SITE BEFORE COMMENCEMENT OF WORK.
 - 3 DEPTH OF FOUNDATION TO BE DETERMINED ON SITE FOUNDATION TO BE CARRIED DOWN TO HARD BASE TO THE APPROVAL OF THE ENGINEER AND ALL SOILS TO BE EXCAVATED AND THE OPENING FILLED WITH HARD CORE.
 - 4 FIGURED DIMENSIONS TO BE TO BE TAKEN IN PREFERENCE TO SCALE.
 - 5 THREE PLY TROPICAL 'PLUVEX' BITUMINOUS FELT D.P.C. UNDER ALL WALLS TO BE RENDERED IN HOT BITUMEN.
 - 6 ALL WALLS LESS THAN 200mm THICK TO BE REINFORCED WITH HEAVY GAUGE HOOP IRON AT EVERY ALTERNATIVE COURSE
 - 7 P.V. DENOTES PERMANENT VENT TO BE PROVIDED TO ALL HABITABLE ROOMS AND AS SHOWN ON PLAN.
 - 8 ALL DRAIN PIPES TO ENGINEER'S SATISFACTION.
 - 9 WHERE DRAIN PASSES UNDER THE BUILDING OR DRIVEWAY IT SHALL BE OF CAST IRON AND ENCASED IN 150mm WEAK CONCRETE ALL ROUND.
 - 10 ALL SANITARY WORK TO BE CARRIED OUT IN ACCORDANCE TO THE MUNICIPAL COUNCIL'S RULES AND REGULATION.
 - 11 MANHOLES IN DRIVEWAY TO HAVE HEAVY DUTY COVERS SET IN CART GREASE.
 - 12 ALL REINFORCED CONCRETE WORK TO STRUCTURAL ENGINEER'S DETAIL DRGS.
 - 13 ALL STEEL GLAZED WINDOWS TO HAVE BUGLAR PROOFING TO DETAIL.
 - 14 EXTERNAL DOORS (D.1) TO HAVE DRIPS.
 - 15 600X450mm MIRRORS OVER ALL W.H.B.s
 - 16 CONCRETE WINDOW CILLS TO HAVE DRIPS.
 - 17 FOR ALL WINDOWS PROVIDE 150X150mm CYPRESS PELMET BOXES PAINTED AND WITH CURTAIN RAILS.
 - 18 ALL STEEL GLAZED WINDOWS TO HAVE BUILT-IN MOSQUITO PROOF 'GREENVAC' PERMANENT VENTS.
 - 19 ROOF EAVES SOFIT 50X25mm TIMBER BATTENS AND WIRE GAUZE WITH COFFEE TRAY WIRE.
 - 20 1000 GAUGE POLYTHENE SHEET BELOW FLOOR SLAB.
 - 21 B.R.C. IN FLOOR SLAB.
 - 22 REINFORCED CONCRETE WORK AS FOLLOWS:
 - BLINDING UNDER FOUNDATION CLASS 15/20
 - FOUNDATION CLASS 25/20 REINFORCED WITH T10 @ 200mm BOTH WAYS
 - FLOOR SLAB CLASS 25/20 REINFORCED WITH BRC MESH A142
 - RING BEAM CLASS 25/20 REINFORCED WITH 4 Nr. T12 AND R 8 @ 150mm C/C
- FINISHES SCHEDULE**
- INTERNAL FINISHES**
- FLOOR - 300x300mm CERAMIC TILES
 - SKIRTINGS - 150mm CERAMIC TILES
 - WALLS - PLASTERED AND PAINTED
 - CEILING - 12mm THICK CHIPBOARD (480 - 640kg/m²) painted
 - * CORNICES - TIMBER AND PAINTED
- EXTERNAL FINISHES**
- * NATURAL STONE WITH HORIZONTAL JOINTS RAKED
 - * WALLS BELOW WINDOWS, RING BEAMS AND GABLE WALLS TO BE RENDERED

CLIENT: **THE CHIEF EXECUTIVE OFFICER TANA WATER WORKS DEVELOPMENT AGENCY**
P.O BOX 1292 - 10100, NYERI, KENYA

ENGINEER: **CHIEF MANAGER TECHNICAL SERVICES TANA WATER WORKS DEVELOPMENT AGENCY**
P.O BOX 1292 - 10100, NYERI, KENYA

PROJECT TITLE: **TETU AGUTHI WATER SUPPLY**

DRAWING TITLE: **TETU WATER TREATMENT WORKS HOUSE TYPE 'C' PLAN, ELEVATIONS AND SECTION**

Designed by: K.N.G. Drawn by: A.M.M
Checked by: J.M.M Approved by: D.N.M
Scale: 1:100 Date: JAN 2024

DRG No. **TAWP/SH/02**