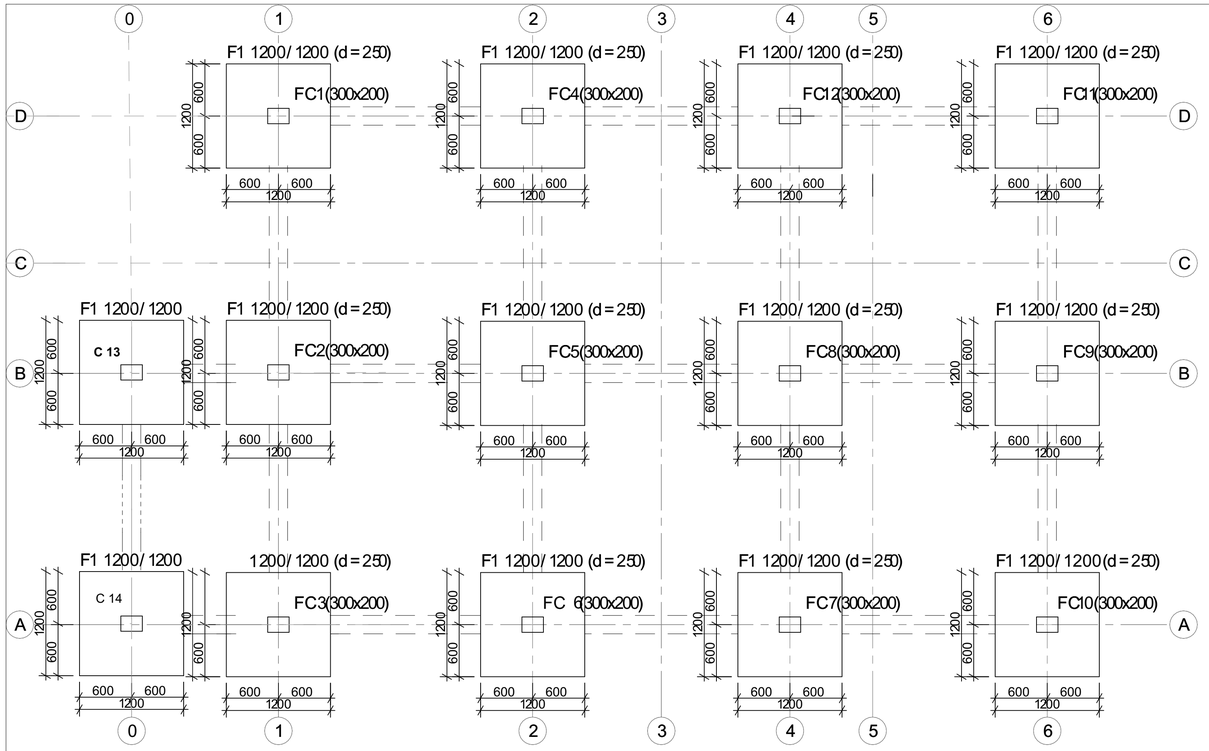
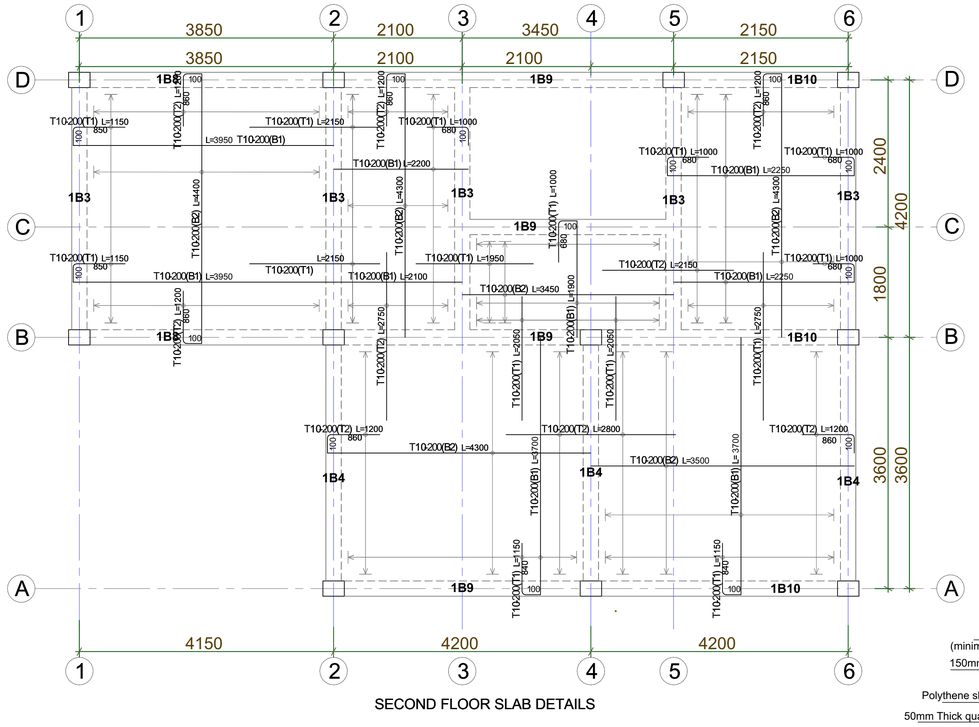
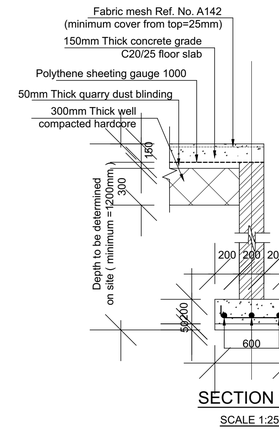


FOUNDATION LAYOUT 1:50

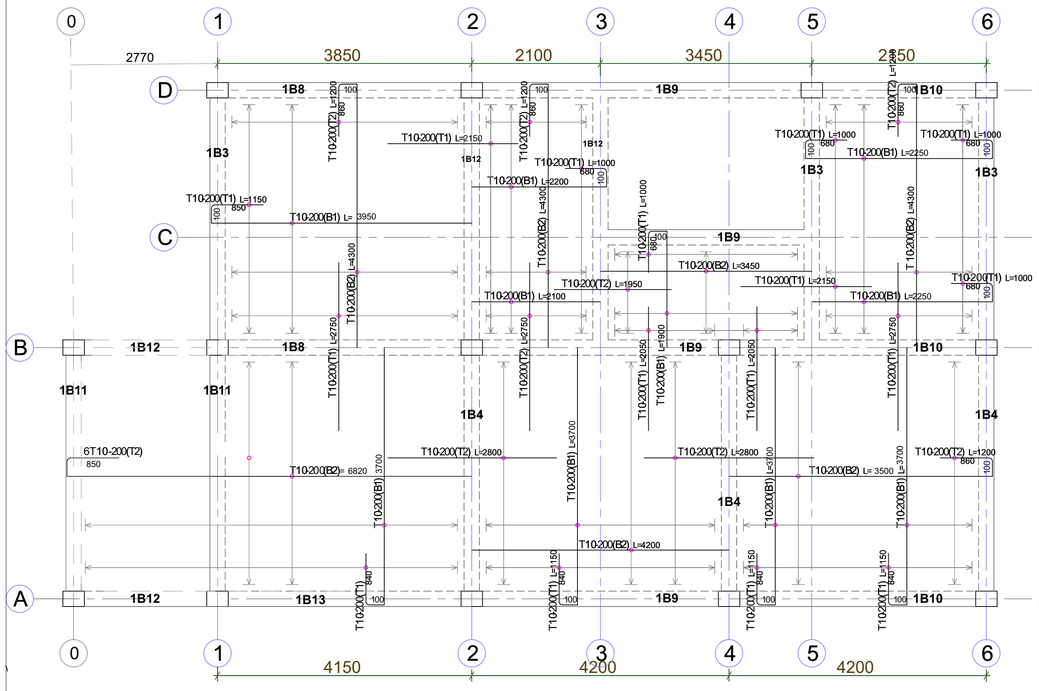


SECOND FLOOR SLAB DETAILS

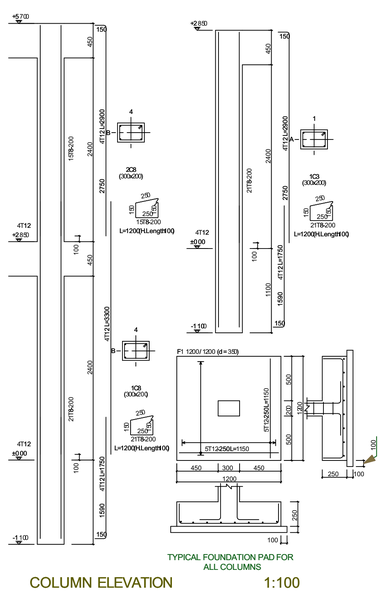


SECTION 1-1

SCALE 1:25

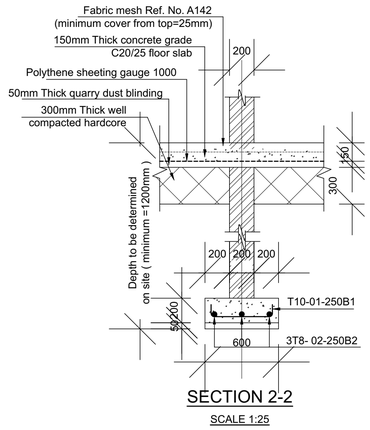


FIRST FLOOR SLAB DETAILS 1:50



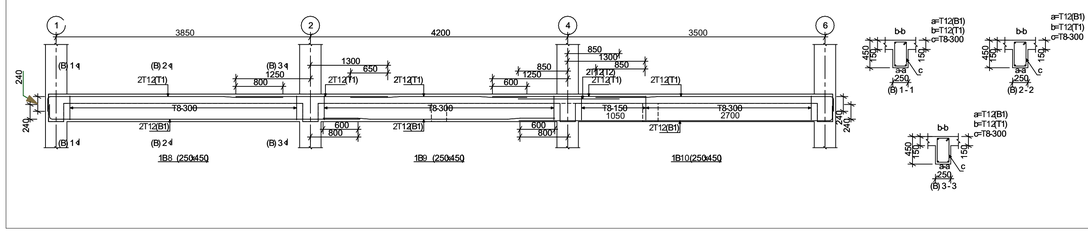
TYPICAL FOUNDATION PAD FOR ALL COLUMNS

COLUMN ELEVATION 1:100



SECTION 2-2

SCALE 1:25



General Notes

1.Foundation depth to be determined at site.
2. High tensile reinforcement to have minimum tensile stress of 460N/mm2.
3. Reinforced concrete class 25/20 to have minimum compressive stress of 25N/mm2 on 28th day.
4. Dimensions are to be read and not scaled

A Mechanical Works

>Drains passing beneath building and driveways to be cased in concrete 150mm thick.
>All underground foul and waste drain pipes shall be of p.v.c. & to comply with BS 5225.
>All inspection chamber covers & framing shall be cast iron & to comply with BS 497 Table 2 Grade A.
>The storm water drains to comply with BS 556

CONCRETE COVER .
> Foundation Base _ 50mm
> Column _ 25mm
> Beam _ 25mm
> Slab _ 25mm

>Hooks _ (Ø*10)mm
>Bends _ (Ø*20)mm

OVERLAPS.
Minimum Lengths
- Compression (Ø*45)mm
- Tension (Ø*45)mm

Revision History

RevID	ChID	Change Name	Date

Approved By:

DESIGNED BY: JAZZ BUILDING CONSTRUCTION

Project Title
PROPOSED RESIDENTIAL DEVELOPMENT

Drawing Name
FOUNDATION LAYOUT , FIRST FLOOR SLAB DETAILS , SECOND FLOOR SLAB DETAILS , COLUMN LAYOUT , BEAM DETAILS , STAIR DETAILS , COLUMN ELEVATION

Drawing Scale
1:50, 1:100, 1:70

Drawn By: James Wairimu

STRUCTURAL DRAWING