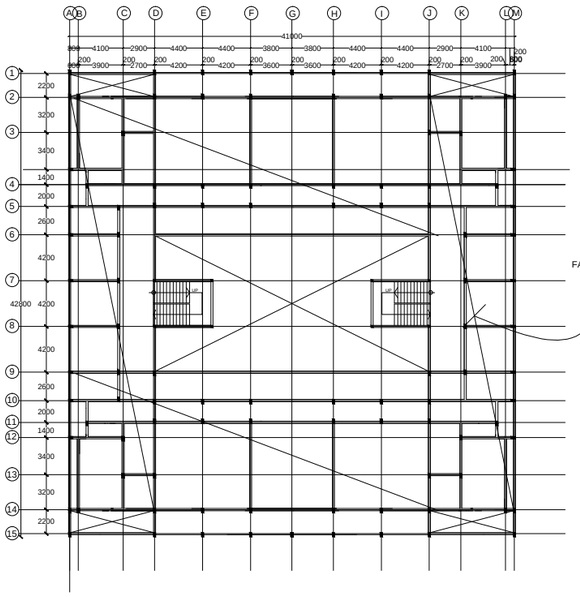
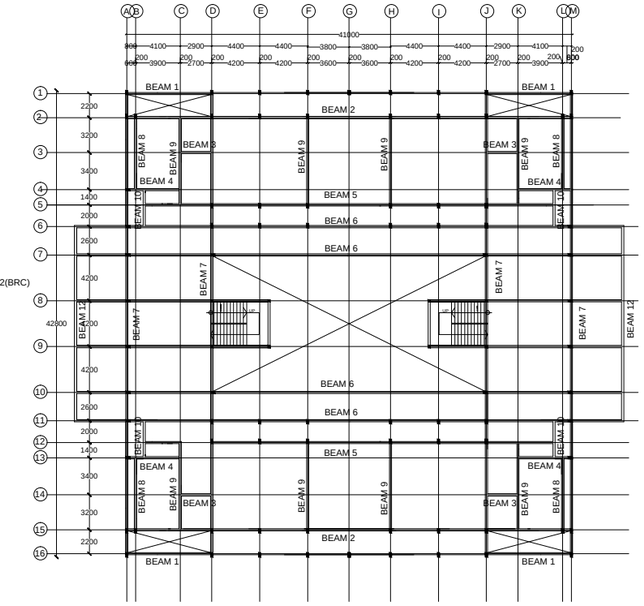
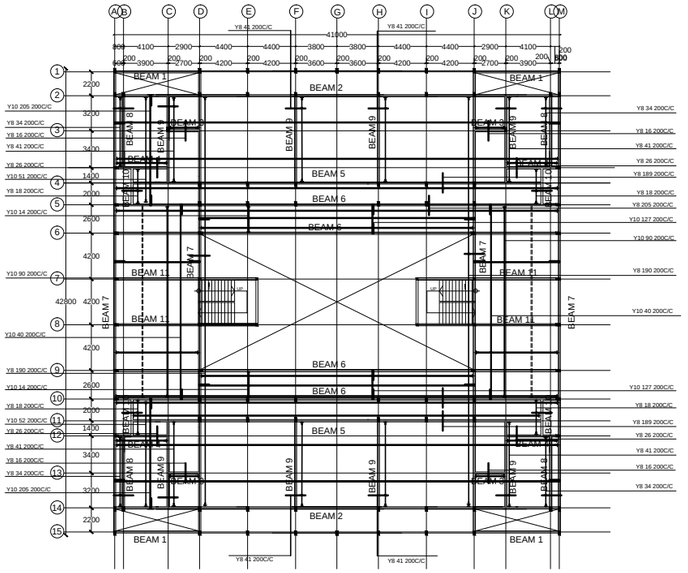


GROUND FLOOR SLAB LAYOUT

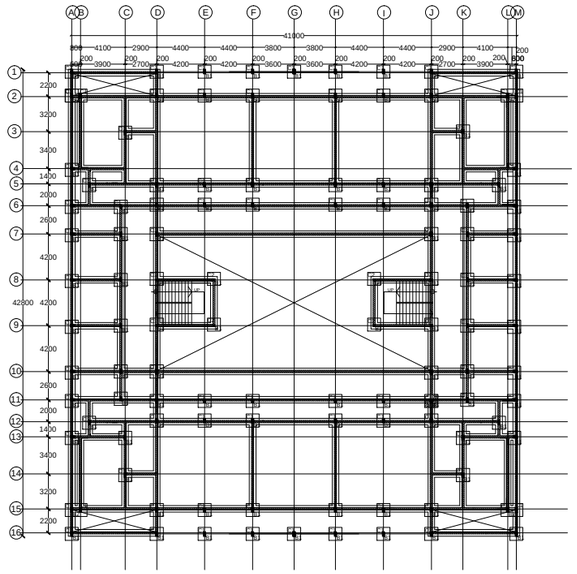
FABRIC MESH A142(BRC)



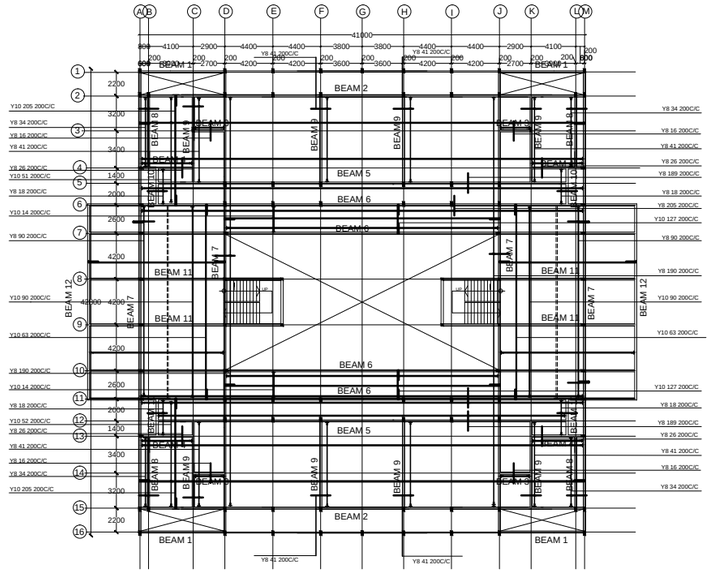
TYPICAL FLOOR BEAM LAYOUT



SECOND FLOOR SLAB LAYOUT



GROUND FLOOR FOUNDATION LAYOUT



FIRST FLOOR SLAB LAYOUT

GENERAL NOTES.

1.This drawing must be read in conjunction with the relevant engineer's and architectural drawings .
2.The contractor shall check all dimensions on site ,any error,&/or omissions shall be reported to the engineer before work is commenced.
3.The latest amendments or revision shall superceded all other issues which shall be destroyed.

CONCRETE:

1.Blinding under pad foundation to be 1:4:8 mix .
2.All reinforced concrete to be grade 25 mix giving a minimum crushing strength of 25N/mm2 of 28 days.
3.Cement shall be Portland cement to comply with BS 12.
4.Maximum aggregate size shall be 20mm unless otherwise stated.

REINFORCEMENT:

1. R.Indicate hot rolled mild steel to BS4449.
2. Y Indicate cold rolled high tensile steel to BS4461.
3. Fabric reinforcement shall be to BS4483.
4. All reinforcement shall be presented to the engineer for inspection prior to concreting.

COVER.

Unless otherwise stated cover to main steel shall be as follows:
1.50mm to all steel below ground level.
2.40mm to columns above ground level.
3.25mm to steel in beams.
4.20mm to steel in slabs and staircase.

WORKMANSHIP

1.All concrete work to be in accordance with BS 8110.
2.All reinforced concrete to be mechanically vibrated .
3.All load bearing block work shall be in accordance with CP 111.

EXCAVATION:

1.All excavations for foundation shall be presented to the engineer for his approval prior to placing of blinding.
2.Depth of foundation on all drawings are provisional and the engineer shall be consulted before final depth is arrived at during construction.

GROUND FLOOR SLAB:

1.Ground floor slab to be cast on well compacted and approved hardcore as per specification and to be reinforced with one top layer of A142mesh or a similar approved ,placed 40mm from top.

LEGEND:

1. T1 First Top first layer.
2. T2 Top Second layer.
3. B1 Bottom First layer.
4. B2 Bottom second layer.

CONSULTING ENGINEER:

SIGN_____

Client/Developer:

Pwani UNIVERSITY

REV.	DATE	REMARKS

SURVEYED	BY:
DESIGNED	BY: S.N.C.
DRAWN	BY: C.W.G.
CHECKED	BY:
APPROVED	BY:
SCALES:	A3: 1:50

PROPOSED LECTURE THEATRE AT PWANI UNIVERSITY.

GANZE ROAD,KILIFI COUNTY.

Drawing Title:

FOUNDATION,GROUND FLOOR SLAB AND BEAM LAYOUTS DETAIL

Drg. No.

06/2016

Rev.