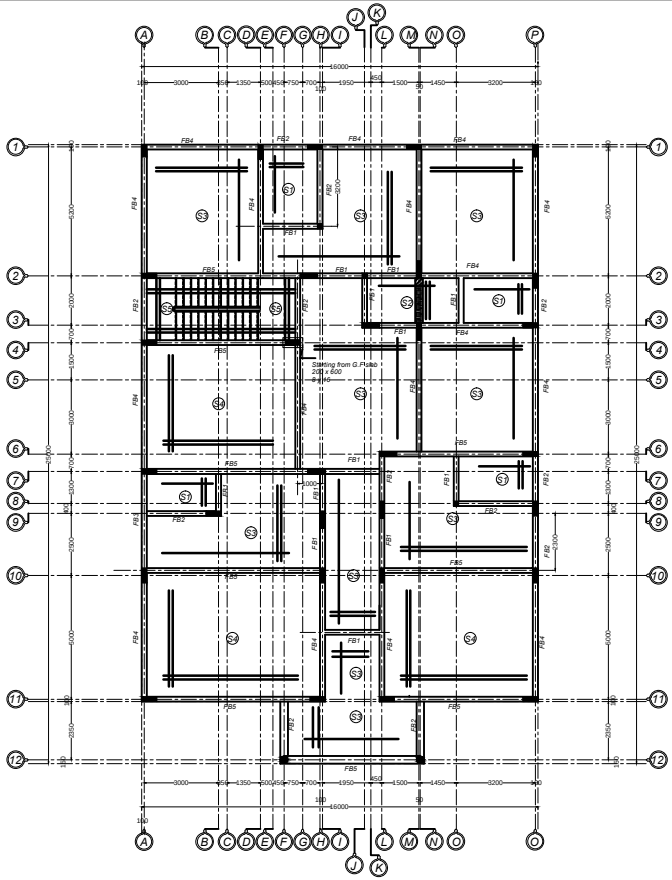
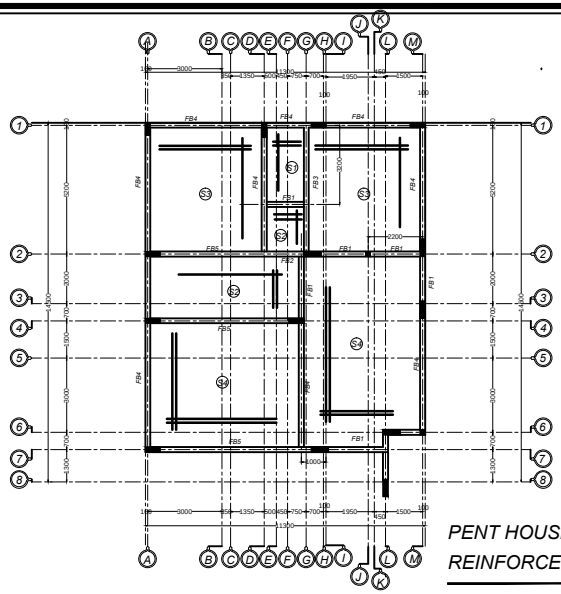
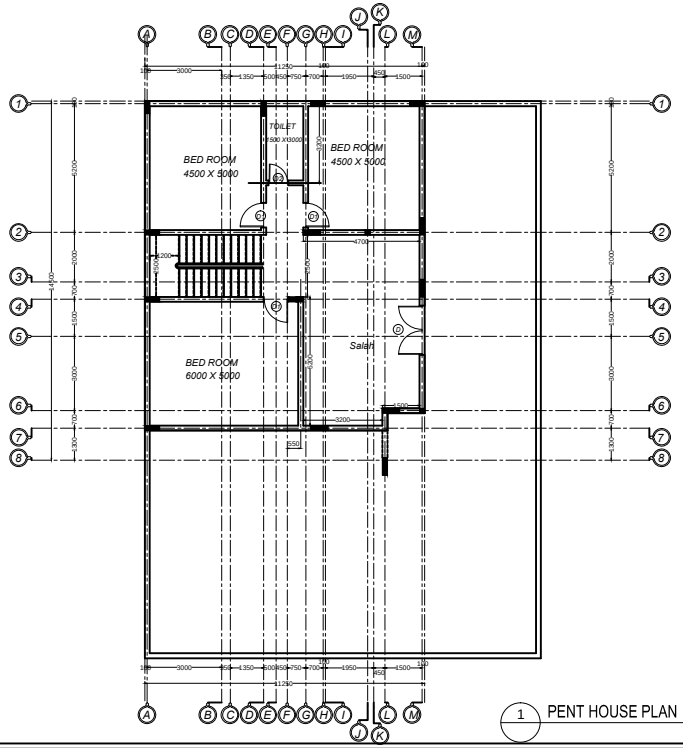


FIRST FLOOR SLAB REINFORCEMENT LAYOUT



PENT HOUSE SLAB REINFORCEMENT LAYOUT



1 PENT HOUSE PLAN

SCHEDULE OF FLOOR BEAMS

Type	Size	Bottom R.F.T.		Top R.F.T.		Stirrups	
		Cont.: Bars	Cut Bars	Cont.: Bars	Cut Bars	Support	Mid. Span
FB1	200 X 550	2 Y 16	"	2 Y 16	"	Y 8 @ 150 mm c/c	Y 8 @ 150 mm c/c
FB2	200 X 550	3 Y 16	"	3 Y 16	"	Y 8 @ 150 mm c/c	Y 8 @ 150 mm c/c
FB3	200 X 550	2 Y 16	2 Y 16	2 Y 16	2 Y 16	Y 8 @ 150 mm c/c	Y 8 @ 150 mm c/c
FB4	200 X 550	3 Y 16	2 Y 16	2 Y 16	2 Y 16	Y 8 @ 150 mm c/c	Y 8 @ 150 mm c/c
FB5	200 X 650	3 Y 16	2 Y 16	3 Y 16	2 Y 16	Y 8 @ 150 mm c/c	Y 8 @ 150 mm c/c
FB6	200 X 700	3 Y 16	3 Y 16	3 Y 16	3 Y 16	Y 8 @ 150 mm c/c	Y 8 @ 150 mm c/c
HB	300 X 200	3 Y 16	"	3 Y 16	"	Y 8 @ 150 mm c/c	Y 8 @ 150 mm c/c
HB1	400 X 200	5 Y 16	"	5 Y 16	"	Y 8 @ 150 mm c/c	Y 8 @ 150 mm c/c
HB2	600 X 200	6 Y 16	"	6 Y 16	"	Y 8 @ 150 mm c/c	Y 8 @ 150 mm c/c

SCHEDULE OF SLABS

Type	Thickness	Bottom Main R.F.T.		Top 1/4 Of Span	
		Short Span	Long Span	Short Span	Long Span
S1	150 mm	Y12 @ 150 mm c/c	Y12 @ 150 mm c/c	—	—
S2	160 mm	Y12 @ 150 mm c/c	Y12 @ 150 mm c/c	—	—
S3	170 mm	Y12 @ 150 mm c/c	Y12 @ 150 mm c/c	Y12 @ 150 mm c/c	Y16 @ 150 mm c/c
S4	200 mm	Y12 @ 150 mm c/c	Y12 @ 150 mm c/c	Top & Bottom	
S5	200 mm	Y12 @ 150 mm c/c	Y16 @ 150 mm c/c	Top & Bottom	

Structural Notes:

1. Foundation Design For Three Storey.
2. Assumed Soil Bearing Capacity Will Be 200 KN/m Sq.
3. Steel Used Is HYSD 415 N/mm Sq.
4. Depth Of Foundation Not Less Than -150 Cm. From The Natural Ground Level.
5. The Supervisor / Consultant Should Check the Soil Condition Prior For Actual Construction.
6. The Grade (C25) Concrete For All Structural Purpose.
7. 2 Nos : Of Extra Bar On Top Of Every Cantilevered Beam Extended Upto 1.5 Times Of The Length Behind The Support. (Inverted Or Normal)
8. Min: 30mm Covering For The Plinth Beams & Short Columns.

2020/00010

Stamp & Signature

IBN YAHYYA
ENGINEERING CONSULTANCY

Project Title	PROPOSED BUILDING
Location: North Sahalnoot	Plot Area: 600.00 Sq.m
Plot no.: 734 - G	
Client name	NOOR SALIM AHMED AL HADEED
Drawing title	1. PENT HOUSE SLAB REINFORCEMENT LAYOUT 2. FIRST FLOOR SLAB REINFORCEMENT LAYOUT 3. SCHEDULES 4. PENT HOUSE PLAN
Drawn by: Taqi	Designed by: Architect Omer Eqbal
Checked by: Eng. Taqi Abbas	
Scale: 1:100	Date: Dec. 2020
Project No	Sheet No: 02