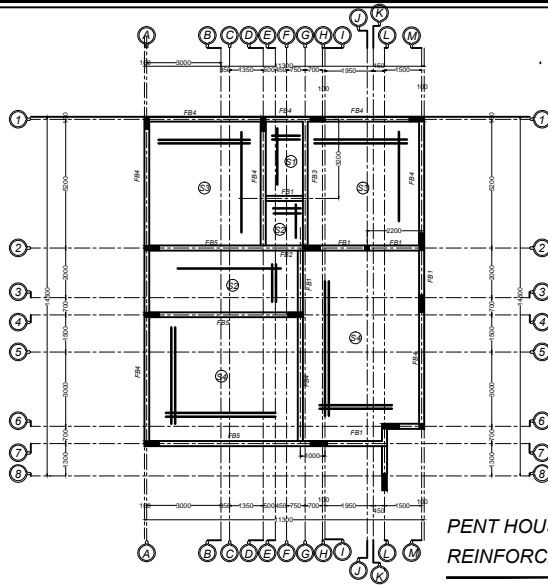


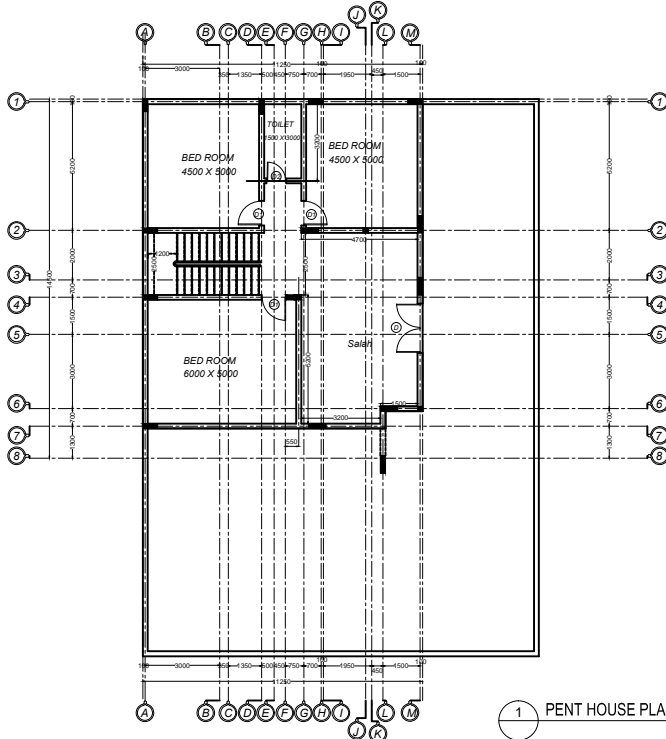
FIRST FLOOR SLAB REINFORCEMENT LAYOUT

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 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
FB6	200 X 750	3 Y 16	3 Y 16	3 Y 16	3 Y 16	Y 8 @ 150 mm c/c	Y 8 @ 150 mm c/c
HB1	300 X 200	3 Y 16	-	3 Y 16	-	Y 8 @ 150 mm c/c	Y 8 @ 150 mm c/c
HB2	400 X 200	5 Y 16	-	5 Y 16	-	Y 8 @ 150 mm c/c	Y 8 @ 150 mm c/c
HB3	600 X 200	6 Y 16	-	6 Y 16	-	Y 8 @ 150 mm c/c	Y 8 @ 150 mm c/c

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	---	---
S5	200 mm	Y12 @ 150 mm c/c	Y16 @ 150 mm c/c	Top & Bottom	Top & Bottom



PENT HOUSE SLAB
REINFORCEMENT LAYOUT



1 PENT HOUSE PLAN

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 Up To 1.5 Times Of The Length Behind The Support. (Inverted Or Normal)
8. Min: 30mm Covering For The Plinth Beams & Short Columns.



Stamp & Signature

IBN YAHYYA مهندسين معماريين	
Project Title	PROPOSED BUILDING
Location	North Sahla
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	Tajji
Designed by	Architect Omer Eghal
Checked by	Eng. Tajji Abbas
Scale	1:100
Date	Dec. 2020
Project No	02
Sheet No	02