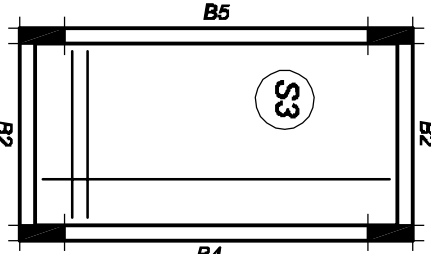
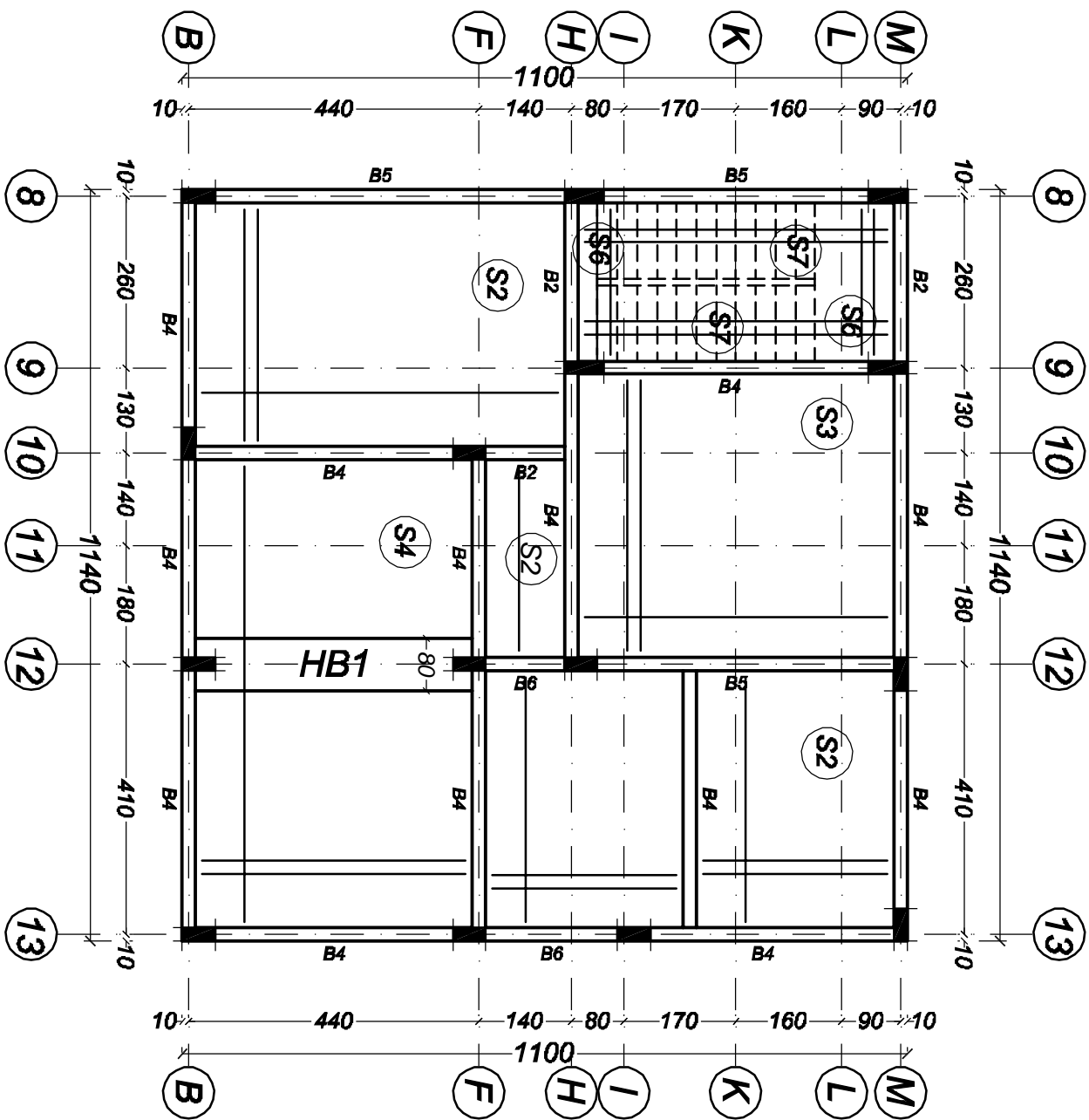
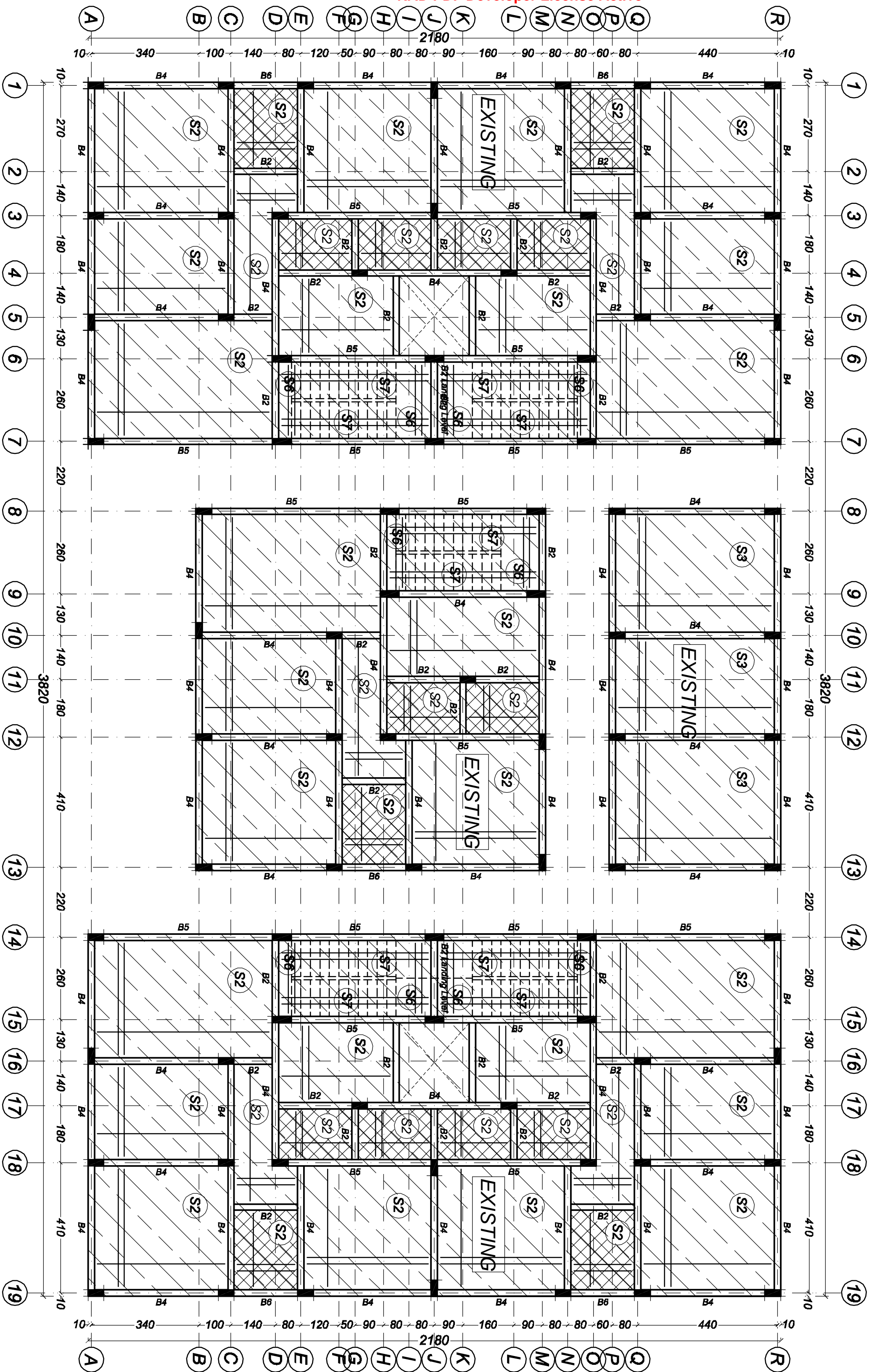
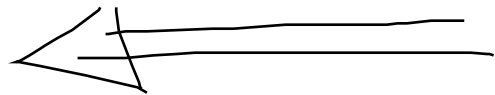


SCHEDULE OF R.C.C BEAMS

CONCRETE GRADE 35 N/mm2 & STEEL GRADE 460 N/mm2						
TYPE	SIZE cm.	BOTTOM RFTM		TOP RFTM		REMARKS
		STRAIGHT	CURTAIL	ALL OVER SPAN	OVER SUPPORT	
B1	20X55	2Y12	---	2Y12	---	Y8@20cm c/c
B2	20X55	2Y16	---	2Y16	---	Y8@20cm c/c
B3	20X55	3Y16	---	2Y16	---	Y8@20cm c/c
B4	20X55	2Y16	2Y16	2Y16	2Y16	Y8@20cm c/c
B5	20X55	3Y16	2Y16	3Y16	2Y16	Y8@15cm c/c
B6	20X55	2Y16	---	4Y16	---	Y8@15cm c/c
CB1	20X55	2Y16	---	4Y16	---	Y8@10cm c/c
HB1	80X18	6Y16	---	6Y16	---	Y8@20cm c/c

SCHEDULE OF ROOF SLABS

TYPE	THICK cm.	BOTTOM		TOP RFTM		NOTICE
		ALL OVER SPAN	OVER SUPPORT L/4	OVER SUPPORT L/4	LONG	
S2	15	Y12@20cm c/c	Y12@20cm c/c	Y12@20cm c/c	Y12@20cm c/c	
S3	15	Y12@15cm c/c	Y12@15cm c/c	Y12@15cm c/c	Y12@15cm c/c	
S4	18	Y12@15cm c/c	Y12@15cm c/c	Y12@15cm c/c	Y12@15cm c/c	
S5	20	Y12@15cm c/c	Y10@20cm c/c	Y12@15cm c/c	Y10@20cm c/c	Balcony
S6	18	Y16@15cm c/c	Y16@15cm c/c	Y16@15cm c/c	Y16@15cm c/c	Landing
S7	18	Y12@15cm c/c	Y16@15cm c/c	Y12@15cm c/c	Y16@15cm c/c	Stair



REMARKS

- MINIMUM BEARING CAPACITY FOR FOUNDATION SHOULD BE 2 KG/CM2.
- MAIN STEEL COVER FOR THE STRUCTURAL MEMBERS TO BE AS FOLLOW :
 - A. FOUNDATION 50MM,
 - B. COLUMNS, PLINTH BEAMS, ROOF BEAMS 25MM.
 - C. SLABS 20MM.
- MINIMUM STEEL OVER LAP TO BE NOT LESS THAN 40 DIA AT COMPRESSION AND 60 DIA AT TENTION.
- ORDINARY PORTLAND CEMENT TO BE USED FOR ALL CONCRETE AND BLOCK WORKS.
- MINIMUM COMPRESSION STRENGTH FOR CONCRETE AFTER 28 DAYS SHOULD BE NOT LESS THAN 35MM2.
- BATHROOMS AND W.C. SLABES TO BE DROPED 300MM BELOW THE FLOOR SLAB
- DEPTH OF FOUNDATION SHALL NOT BE LESS THAN 1.5M UP TO THE ENGINEER DECESION AS PER THE SOIL CONDITION.
- DO NOT SCALE FROM THE DRAWING, ONLY THE WRITTEN DIMENTIONS TO BE FOLLOWED.

CONSULTANT:



الاستشاري :

أبو العنين جروب للاستشارات الهندسية وشركاه
ABO EL-ENEN GROUP ENGINEERING CONSULTANCY & PARTNERS

SALALAH TEL/FAX 24430629 P.O BOX 1855 - P.C 211	MUSCAT TEL/FAX 24430629 P.O BOX 1855 - P.C 211	EGYPT 9 N. MARI ANTONIO MARIUT AL RAMI TEL/ 03-430250-4815697	AL. SPWIG TEL/FAX 24601076
---	--	--	-------------------------------

PROJECT TITLE :

ADD FIRST FLOOR FOR ONE VILLA ONLY
إضافة طابق أول لفيلا واحدة فقط

DESIGNED BY ENG. WALEED A. KESHTA

CHECKED BY ENG. WALEED A. KESHTA

CAD OPERATOR ENG. WALEED A. KESHTA

DATE 17/03/2020

SCALE 1:100/1:50/1:20

COMPUTER NO. 2020/205-027

CLIENT NAME :

M/R : HAMMAD , ADEL & FAHED SONS OF / SALIM SAID AL-MAMARI
م.ر. همام ، عادل و فهد أبناء / سالم سعيد المامري

حمد و عادل و فهد أبناء سالم سعيد المامري

TOWN البلدية	AREA المساحة	PLOT NO قطعة رقم	BLOCK مربع	DRAWING NO.	SHEET NO.
SALALAH URBAN NORTH SAHALMOOT شمال ساهل مووت	1239.0m ² 2٠١٣٩٠	1415 ١٤١٥	(F) و	2020/05/205	(02r)
DRAWING TITLE :- EXISTING GROUND FLOOR STRUCTURAL PLAN PROPOSED FIRST FLOOR STRUCTURAL PLAN DETAILS.				STAMP & SIGNATURE :-	