HB1 80X18 6Y16	CB1 20X55 2Y16	B6 20X55 2Y16	B5 20X55 3Y16	B4 20X55 2Y16	B3 20X55 3Y16	B2 20X55 2Y16	B1 20X55 2Y12	Cm. STRAIGHT		CO
16	16	16	16 2Y16	16 2Y16	16	16	12	IGHT CURTAIL	BOTTOM RFTM.	CONCRETE GRADE 35 N/mm2 & STEEL GRADE 460 N/mm2
6Y16	4Y16	4Y16	3Y16	2Y16	2Y16	2Y16	2Y12	ALL OVER SPAN	TOP RFTM.	85 N/mm2 &
			2Y16	2Y16			ł	OVER SUPPORT	ЕТМ.	STEEL GRA
Y8 @20cm c/c	Y8@10cm c/c	Y8@15cm c/c	Y8@15cm c/c	Y8 @20cm c/c	Y8 @20cm c/c	Y8 @20cm c/c	Y8 @20cm c/c	OVER SPAN	STIRRUPS	DE 460 N/mm2
Y8@15cm c/c	Y8@10cm c/c	Y8@10cm c/c	Y8@10cm c/c	Y8 @20cm c/c	Y8 @20cm c/c	Y8 @20cm c/c	Y8 @20cm c/c	OVER SUPPORT	RUPS	
								KEMAKKS		

SCHEDULE OF R.C.C BEAMS

SCHEDULE OF ROOF SLABSBOTTOMTOP RFTMTHICKTOVER SUPPORT OVER SUPPORT L/4NOTICE NOTICE15Y12@20cm c/cY12@20cm c/cY12@20cm c/cY12@20cm c/cY12@20cm c/c15Y12@15cm c/cY12@15cm c/cY12@15cm c/cY12@15cm c/cY12@15cm c/c18Y12@15cm c/cY12@15cm c/cY12@15cm c/cY12@15cm c/cY10@20cm c/cBalcony18Y16@15cm c/cY16@15cm c/cY16@15cm c/cY16@15cm c/cLanding18Y12@15cm c/cY16@15cm c/cY16@15cm c/cY16@15cm c/cLanding	TYPE		S2	S3	S4	S5	S6	S7
TOM         TOP RFTM           OVER NAN         OVER SUPPORT L/4           Y12 @20cm c/c         Y12 @15cm c/c         Y10 @20cm c/c         Y16 @15cm c/c           Y16 @15cm c/c         Y12 @15cm c/c         Y16 @15cm c/c         Y16 @15cm c/c         Y16 @15cm c/c	тніск.	cm.	15	15	18	20	18	18
NG 20cm c/c 15cm c/c 15cm c/c 15cm c/c 15cm c/c	BOT ALL ( SP	SHORT		Y12 @15cm c/c	Y12 @15cm c/c	Y12 @15cm c/c	Y16@15cm c/c	
NG 20cm c/c 15cm c/c 15cm c/c 15cm c/c 15cm c/c	TOM OVER AN	LONG	Y12 @20cm c/c	Y12 @15cm c/c	Y12 @15cm c/c	Y10 @20cm c/c	Y16@15cm c/c	
NG 20cm c/c 15cm c/c 15cm c/c 15cm c/c 15cm c/c	TOP OVER S L	SHORT	Y12 @20cm c/c	Y12 @15cm c/c	Y12 @15cm c/c	Y12 @15cm c/c	Y16@15cm c/c	Y12 @15cm c/c
NOTICE  Balcony  Landing  Stair	RFTM UPPORT /4	LONG	Y12 @20cm c/c	Y12 @15cm c/c	Y12 @15cm c/c	Y10 @20cm c/c	Y16@15cm c/c	Y16@15cm c/c
	NOTICE					Balcony	Landing	Stair

140		
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-180-		
		4
(5) 140	B2	<b>(51</b> )
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<b>6</b>		<b>(⊘</b> )
-260-		
		<b>~</b>
220	B5   B5   B5   B5   B5   B5   B5   B5	G
		$\bigcirc$
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( <b>Q</b> )		<b>(0</b> )
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410		
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	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	

TO TO S

X

270

N

EXISTING GROUND FLOOR STRUCTURAL PLAN

REMARKS

CONSULTANT:

(D) (Q)

SS

 $\bigcirc \overline{\mathbf{p}}$ 

B2

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Q Q Q S Z (¬)

<del>~90 ~80 ~80 ~60 ~80</del>-

B2

**--160**-

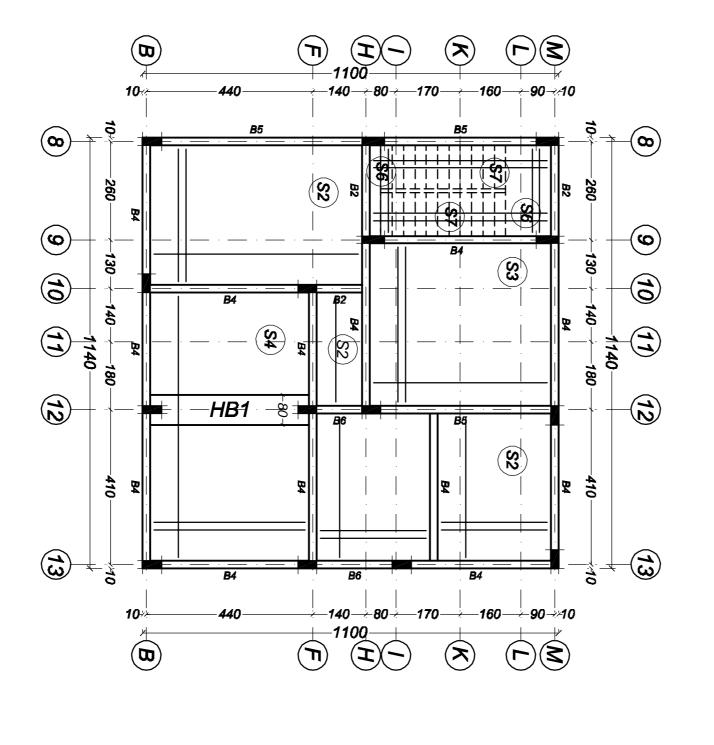
EXISTING

**(Z**)

270

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STAIRCASE STRUCTURAL PLAN

## PROPOSED FIRST FLOOR STRUCTURAL

PLAN

	ENGINEERING CONSULTANCY & PARTNER'S	أب والعينيان جاروب للإستشارات ال		الإستشاري:
DATE	CAD OPERATOR	CHECKED BY	DESIGNED BY	PROJECT TITLE :_ ADD FIRST FLOOR FOR ONE VILL لمسابق أول علم وي لمسائل واحدة فقط
17/03/2020	ENG. WALEED A	ENG. WALEED A	ENG. WALEED A	FOR ONE VILL في المسابق أول علم وي

COMPUTER NO.	SCALE	DATE	CAD OPERATOR	CHECKED BY	DESIGNED BY	PROJECT TITLE : ADD FIRST FLOOR
2020/205-02r	1:100/1:50/1:20	17/03/2020	ENG. WALEED A. KESHTA	ENG. WALEED A. KESHTA	ENG. WALEED A. KESHTA	PROJECT TITLE : ADD FIRST FLOOR FOR ONE VILLA ONLY إضافة طابق أول علموي لمفيلا واحدة فقط
- DETAILS	- EXISTIN	DRAW	SALA NORTH		<u>ر</u> ث	CLIENT MR. : 1

-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 COMPRESION STRENGTH FOR CONCRETE AFTER 28 DAYS SHOULD BE NOT LESS THAN 35N/MM2.
-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.

SALALAH TEL/FAX 23288626 P.0 B0X 1826 - P.C 211

MUSCAT
TEL/FAX 24420629
P.0 BOX 1592-P.C 133
AL-KHWIRE

EGYPT

9 AV. MARC
ANTOINE MAHATAT AL RAML
TEL/ 03:5430230-4815637

AL SEWIQ TEL/FAX 24861076

EL-ENEN

GROUP

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PERATOR	ENG. WALEED A. KESHTA	SALALAH URBAN NORTH SAHALNOOT	2 1239.0m	1415		2020/05/205 (02r)	(02r)
	17/03/2020	_	<u>}</u>	•	(	STAMP & SIGNATURE :-	TURE :-
	1:100/1:50/1:20	- EXISTING GROUND FLOOR STRUCTURAL PLAN - PROPOSED FIRST FLOOR STRUCTURAL PLAN	OR STRUCTUI R STRUCTUR	RAL PLAN AL PLAN			
JTER NO.	2020/205-02r	- DETAILS.					