

18232

IBRAHIM RASHID MOHAMMED ASKOUR AL ALI
UNITED ARAB EMIRATES - U.A.Q

AL NAGBHA

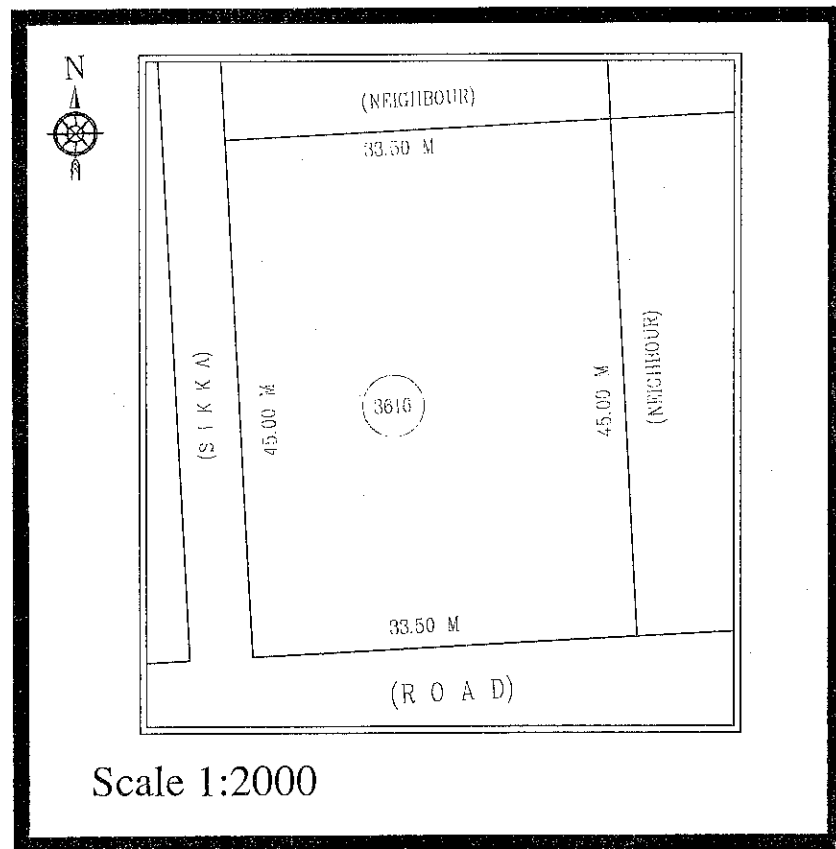
PLOT NO : 3616 AREA NO :03

ARCHITECTURE DRAWINGS

DATE: JUNE -2023



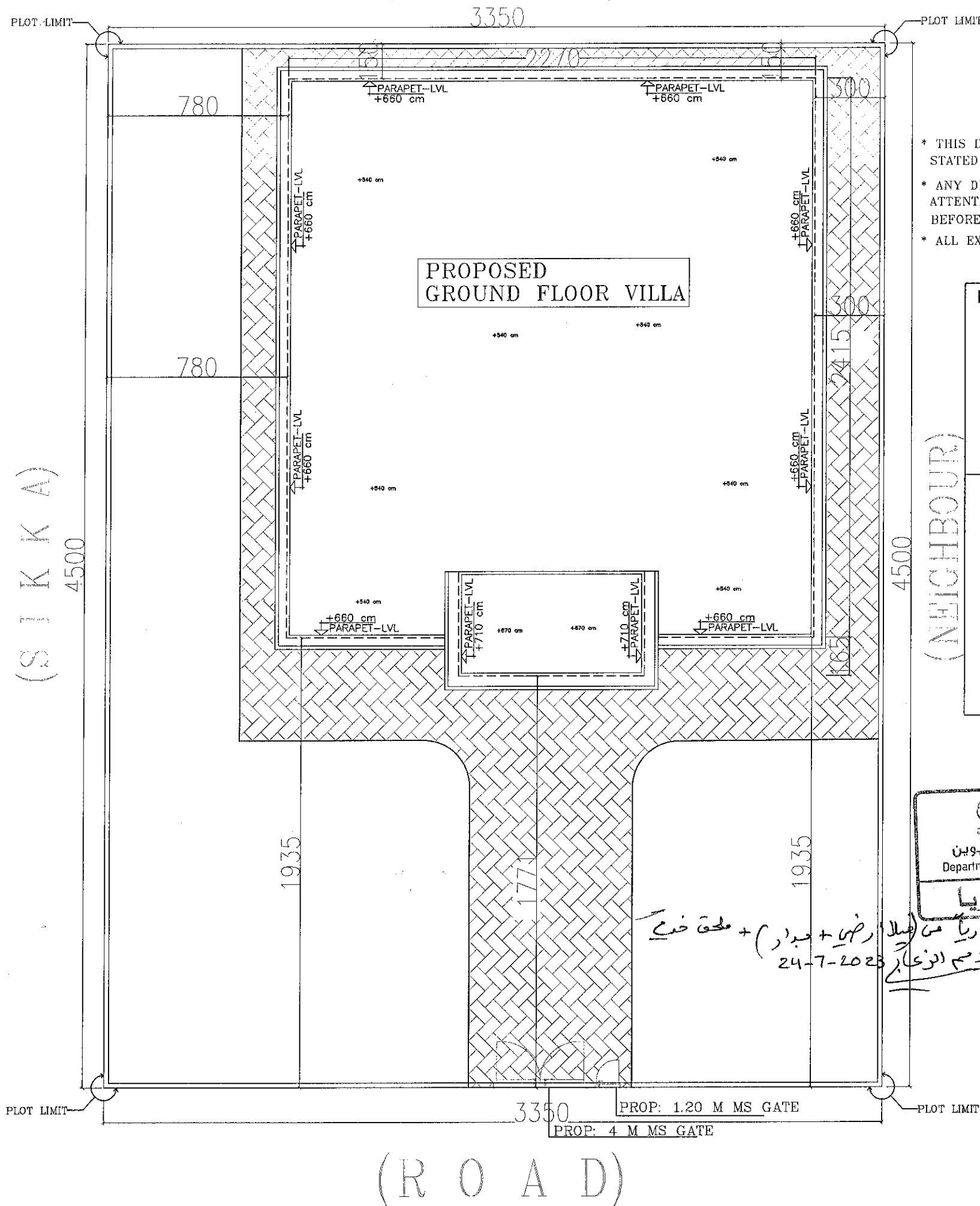
FRONT ELEVATION



Scale 1:2000

AEC
AL ARABI
ENGINEERING CONSULTANT

PO BOX NO 1380, UM AL QUWAIN, UNITED ARAB EMIRATES.



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 BEFORE COMMENCEMENT OF ANY WORK.
 * ALL EXTERNAL WALLS THERMEL BLOCK

PROJECT DETAILS	
Owner	IBRAHIM RASHID MOHAMMED ASKOUR AL ALI
PID	9033616
Project title	GROUND VILLA & KIT BLK
Date	03-04-2023

AREAS	
Land area	1507.50 M ²
G.Villa floor area	405.00 M ²
Kit blk floor area	186.00 M ²
Propi.B.wall	157 m, wall thickness = 0.2 m (wall height 2.8 m) = 31.4 m ²
villa+k.block+b.wall	405+186+31.4 = 622.4
PropiLand coverage area	39.20 %

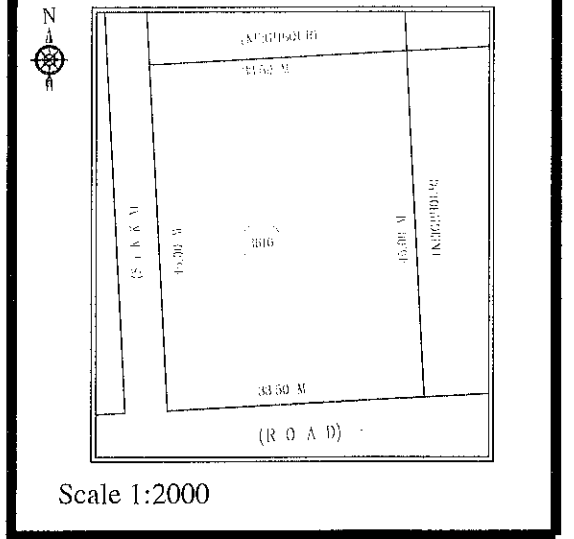
Approval
 GOVERNMENT OF UMM ALQUWAIN
 دائرة بلدية أم القيوين
 Department Of U.A.Q. Municipality

دائرة التخطيط العمراني
 DEPARTMENT OF URBAN PLANNING

24-7-2023
 + ملحق ضخم

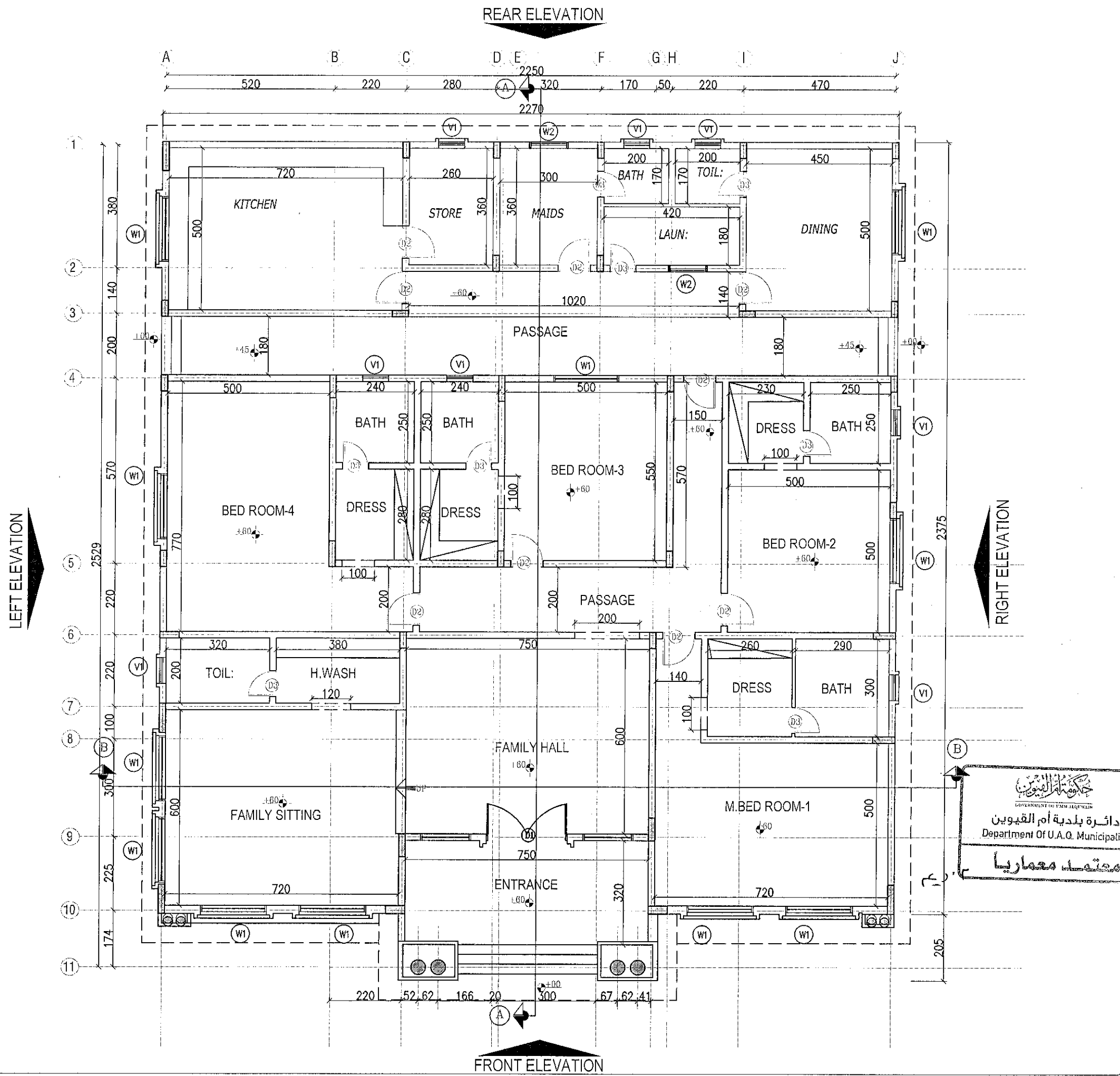
PROF: 1.20 M MS GATE
 PROF: 4 M MS GATE

AL Arabi Engg. Consultant
 Umm Al Quwain - U.A.E.
 P.O.Box: 1380
 Mob: 050-9525353



- ### INDEX OF DRAWINGS
- 1 SITE PLAN
 - 2 GROUND FLOOR PLAN
 - 3 ROOF PLAN
 - 4 ELEVATIONS 1, 2,
 - 5 SECTION AA, BB

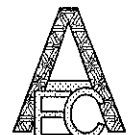
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<p>AL-ARABI ENGINEERING CONSULTANTS P.O. Box 1380, Umm Al Quwain United Arab Emirates Tel.: 06-7660720 Fax.: 06-7660721</p>					
Owner					Plot No.
IBRAHIM RASHID MOHAMMED ASKOUR AL ALI					3616
Sheet Contant					AREA NO:
SITE LAYOUT PLAN					03
USE	NO. OF FLOOR	AREA.			
Resi	01	AL NAGBHA			
Architecture Engineer	ABDUL BASITH	Structural Engineer	YASSER ABDALLA		
Architecture Design	JESHIMON ABD	ELEC. Engineer	ADHAM AL SHARKAWY		
Drawn by	JESHIMON ABD	Checked by Engineer	MOHAMED MAHER		
Scale	1:100	Dimention	Metric		
Date	04-23	Drg No:	03-04-23	Sheet No:	A-01



NOTE:
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 ENGINEERING CONSULTANTS
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 United Arab Emirates
 Tel. : 06-7660720 Fax. : 06-7660721




Owner	BRAHIM RASHID MOHAMMED ASKOUR AL ALI	Plot No.	3616
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Sheet Contant
GROUND FLOOR PLAN
 AREA NO: 03

USE	NO: OF FLOOR	AREA.	
Resi	01	AL NAGBHA	
Architecture Engineer	ABDUL BASITH	Structural Engineer	YASSER ABDALLA
Architecture Design	JESHIMON ABD	ELEC. Engineer	ADHAM AL SHARKAWY
Drawin by	JESHIMON ABD	Checked by Engineer	MOHAMED MAHER
Scale	1:100	Dimention	Metric

Date	Drg No:	Sheet No:	A-02
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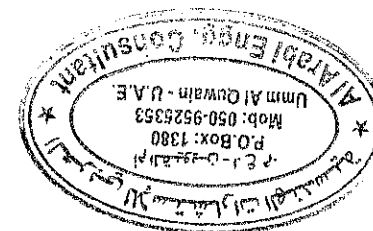
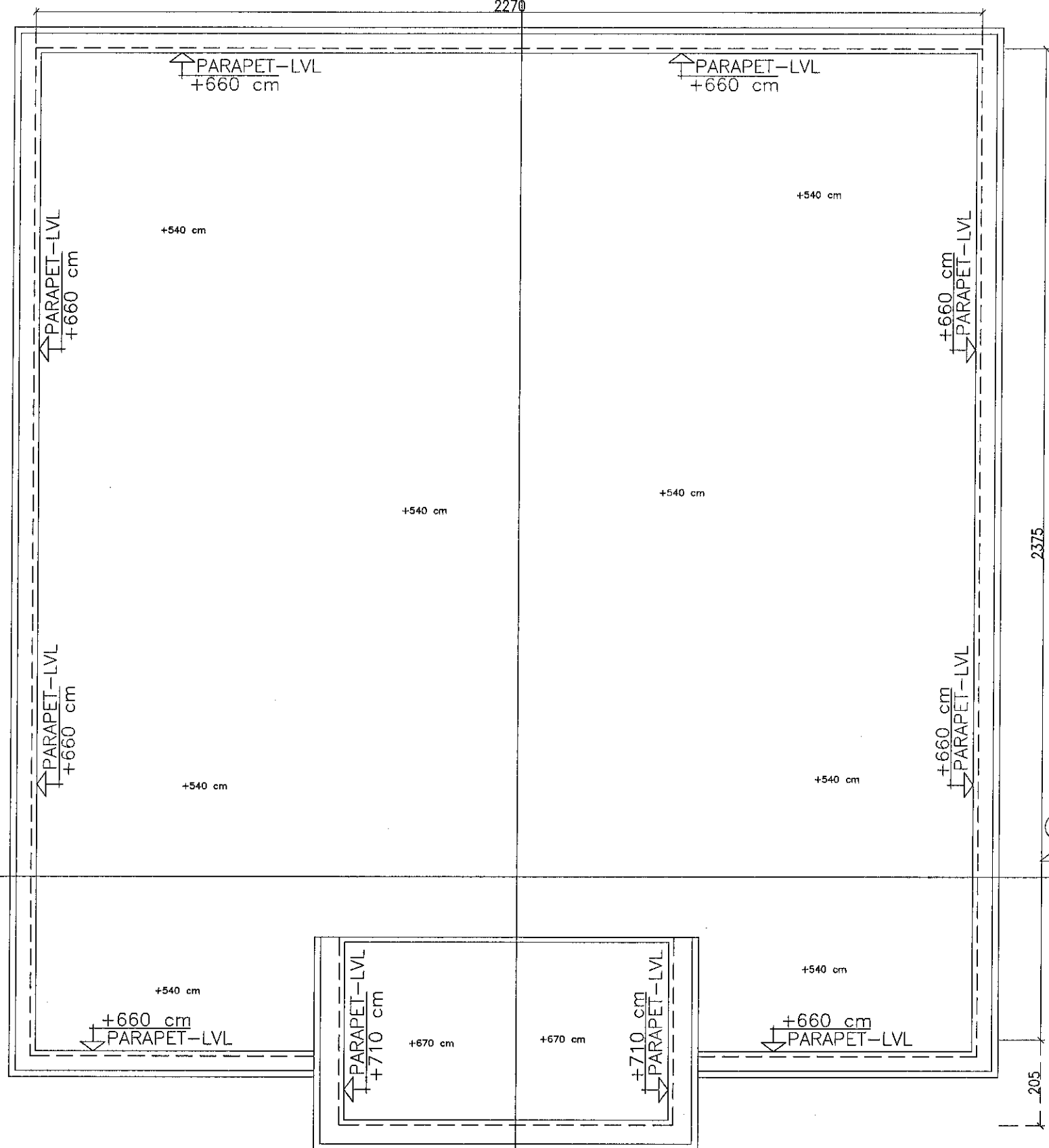
LEFT ELEVATION

REAR ELEVATION

RIGHT ELEVATION

FRONT ELEVATION

ROOF FLOOR PLAN



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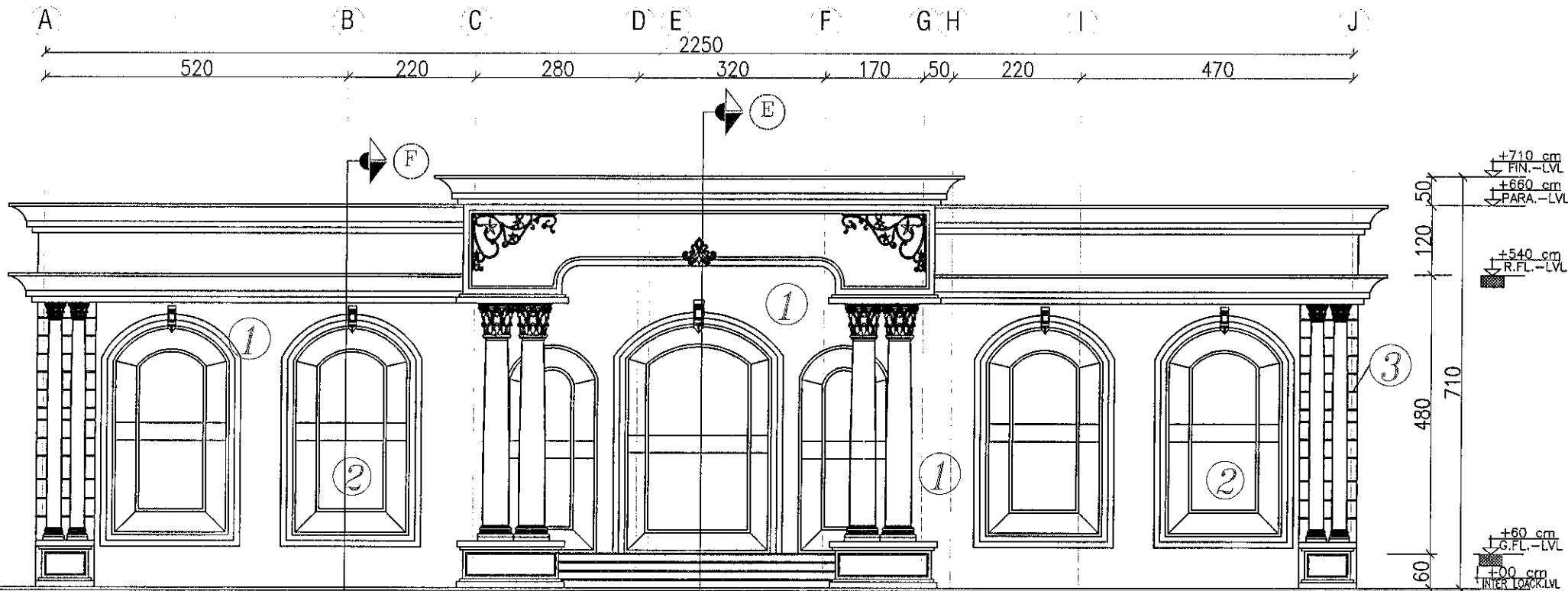
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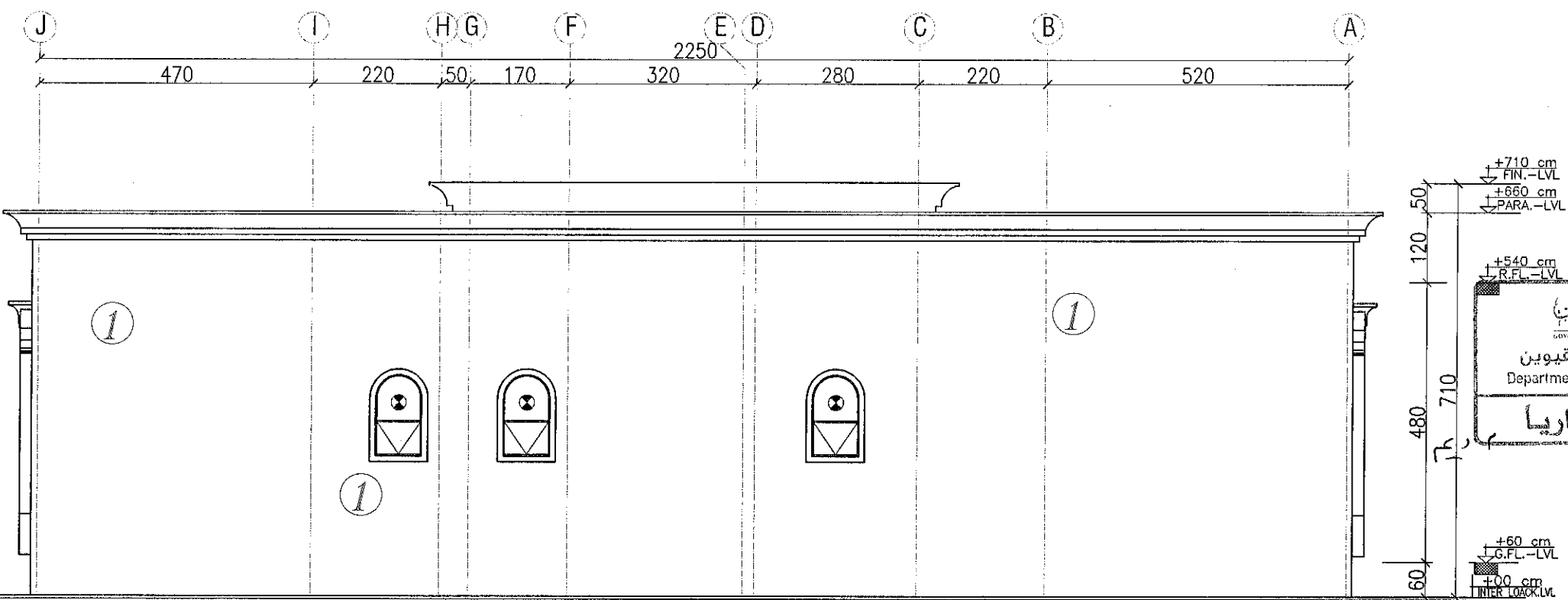
Owner	IBRAHIM RASHID MOHAMMED ASKOUR AL ALI	Plot No.	3616
Sheet Contant	ROOF FLOOR PLAN	AREA NO:	03

USE	NO: OF FLOOR	AREA.	
Resi	01	AL NAGBHA	
Architecture Engineer	ABDUL BASITH	Structural Engineer	YASSER ABDALLA
Architecture Design	JESHIMON ABD	ELEC. Engineer	ADHAM AL SHARKAWY
Drawn by	JESHIMON ABD	Checked by Engineer	MOHAMED MAHER
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A-02



FRONT ELEVATION



REAR ELEVATION

NOTES:

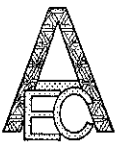
- ① EPOXY PAINT
- ② DOUBLE REF. GLASS
- ③ GROOVE LINE



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Owner د. إبراهيم راشد محمد اسكور آل علي Department Of U.A.E. Municipality	Plot No. 3616
Sheet Contant ELEVATIONS	AREA NO: 03

USE	NO: OF FLOOR	AREA.	
Resi	01	AL NAGBHA	
Architecture Engineer	ABDUL BASITH	Structural Engineer	YASSER ABDALLA
Architecture Design	JESHIMON ABD	ELEC. Engineer	ADHAM AL SHARKAWY
Drawin by	JESHIMON ABD	Checked by Engineer	MOHAMED MAHER
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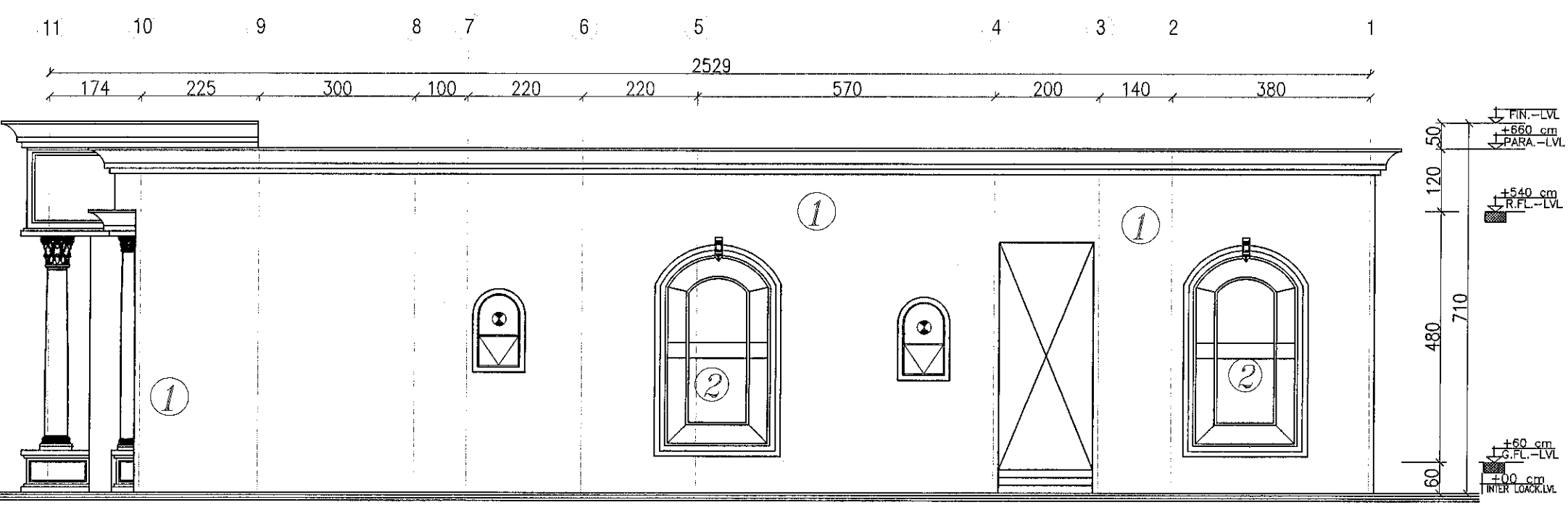
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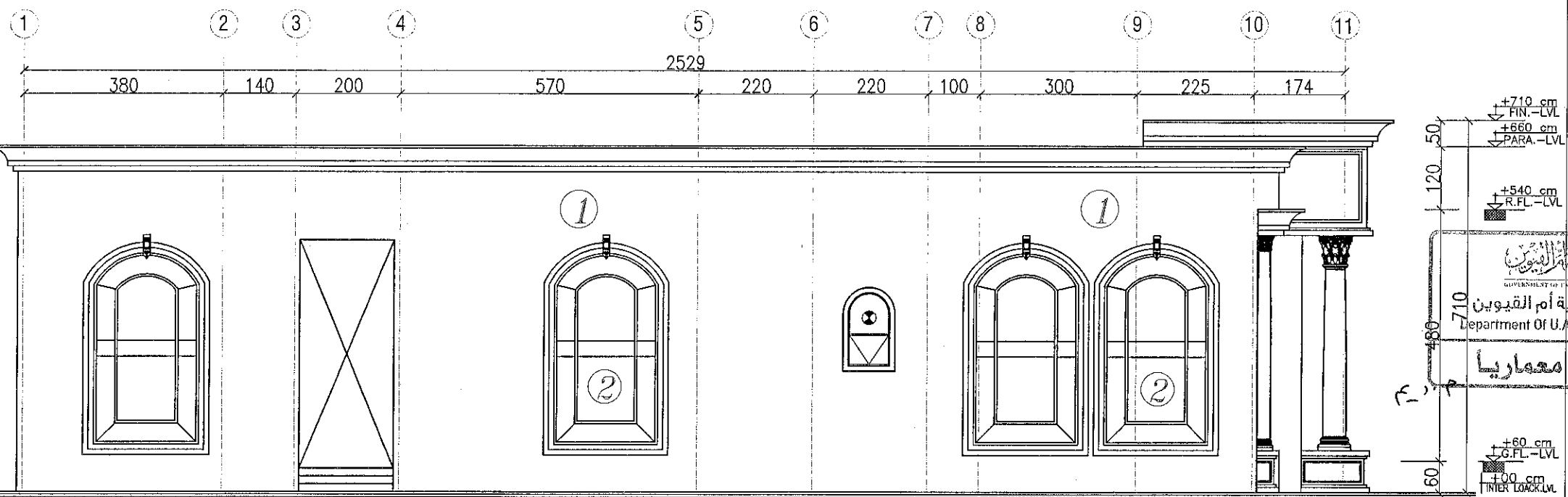
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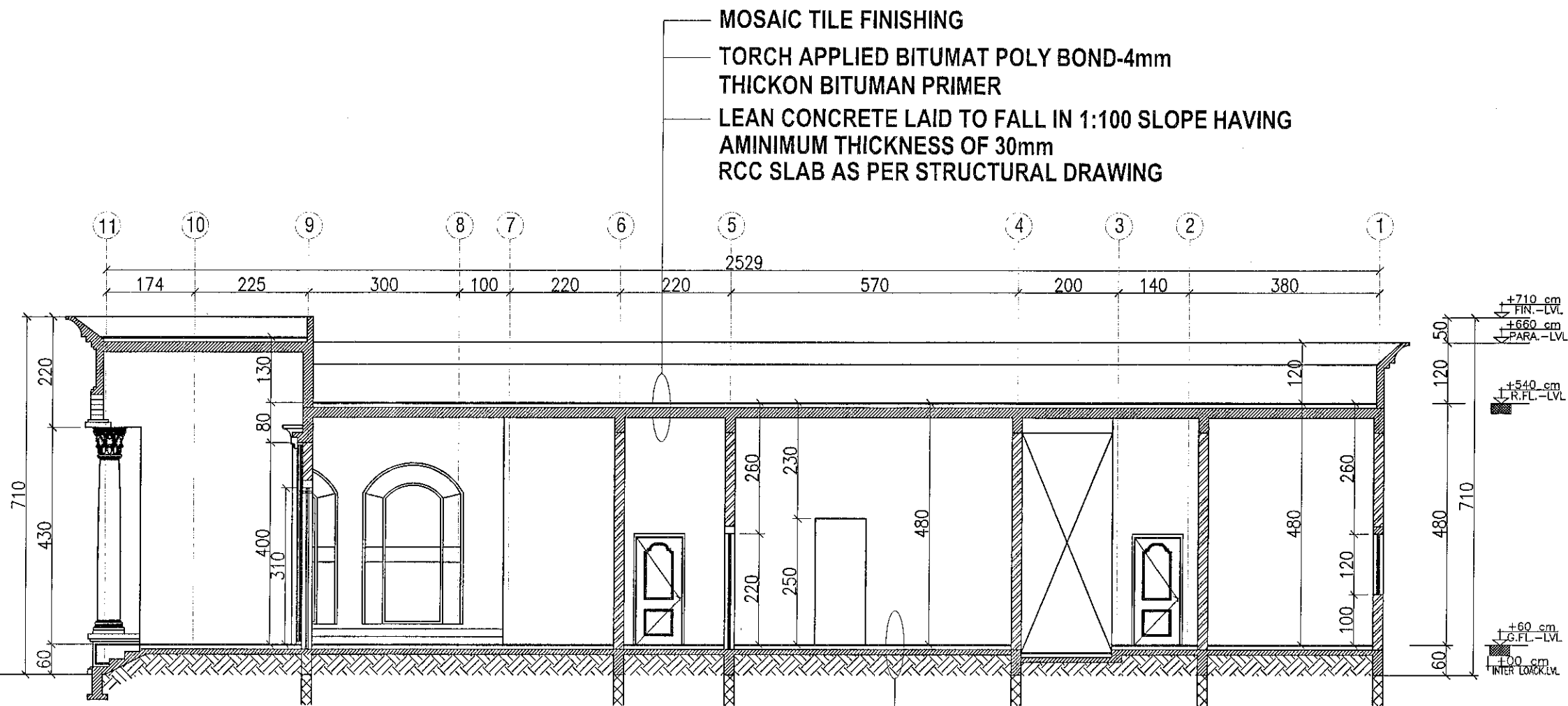


RIGHT ELEVATION



LEFT ELEVATION

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Owner: دائرة بلدية أم القيوين Department of U.A.E. Municipality					Plot No. 3616
Architect: JESHIMON ABD JESHIMON ABD					AREA NO: 03
USE	NO: OF FLOOR	AREA.			
Resi	01	AL NAGBHA			
Architecture Engineer	ABDUL BASITH	Structural Engineer	YASSER ABDALLA		
Architecture Design	JESHIMON ABD	ELEC. Engineer	ADHAM AL SHARKAWY		
Drawn by	JESHIMON ABD	Checked by Engineer	MOHAMED MAHER		
Scale	1:100	Dimention	Metric		
Date		Drg No:		Sheet No:	A-02



SECTION AT A A

— MOSAIC TILE FINISHING
 — TORCH APPLIED BITUMAT POLY BOND-4mm
 THICKON BITUMAN PRIMER
 — LEAN CONCRETE LAID TO FALL IN 1:100 SLOPE HAVING
 AMINIMUM THICKNESS OF 30mm
 RCC SLAB AS PER STRUCTURAL DRAWING

— FLOOR FINISHING AS PER
 SPECIFICATION
 — 10CM THICK CONCRETE WITH A-142 MESH
 — 1000 GAUGE POLYTHENE SHEET
 — COMPACTED EARTH FILLING


 دائرة بلدية أم القيوين
 Department Of U.A.G. Municipality
 معتمد معماريا

NOTES:

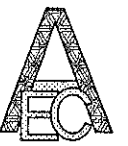
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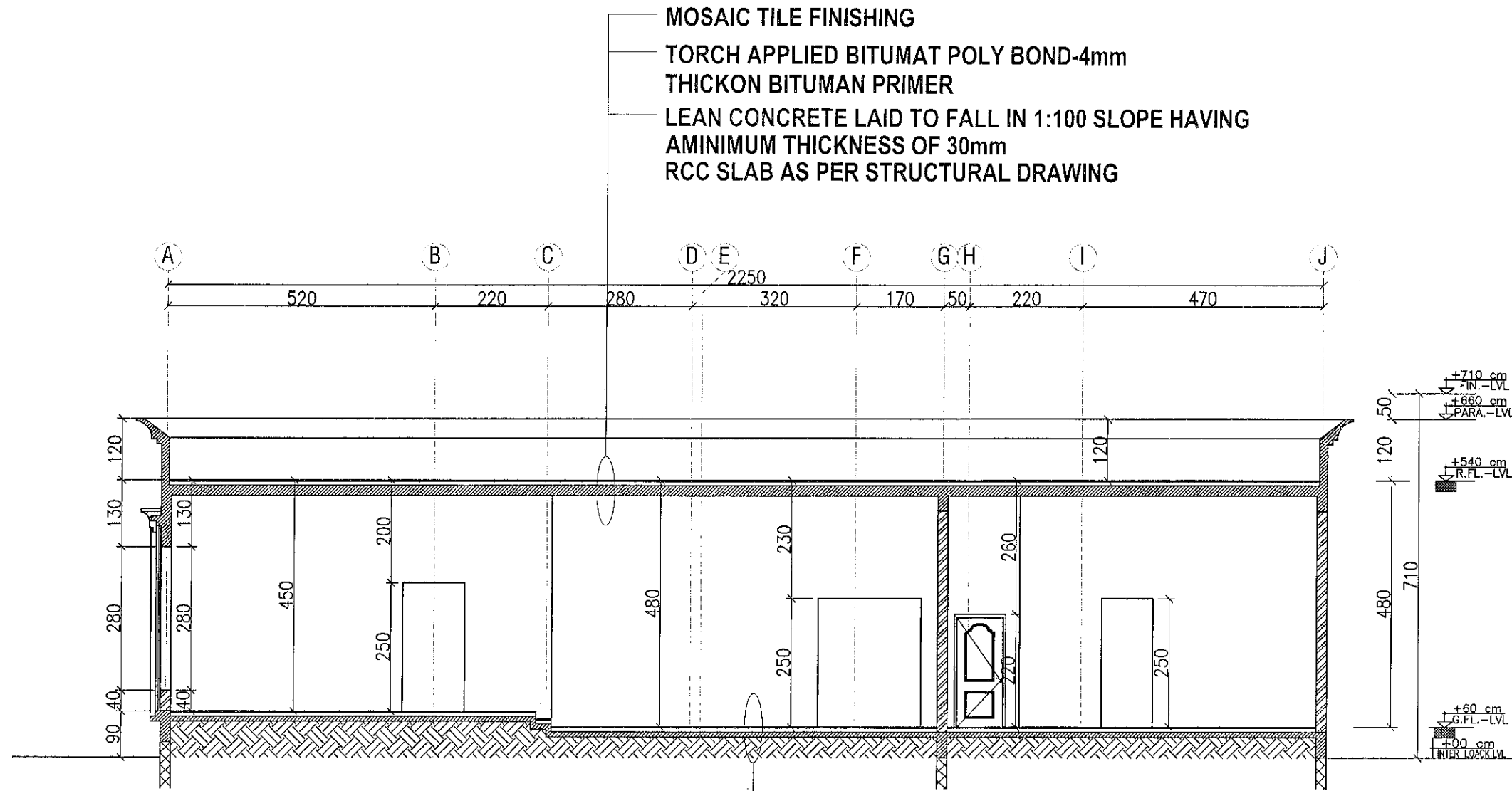
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Owner	IBRAHIM RASHID MOHAMMED ASKOUR AL ALI	Plot No.	3616
Sheet Contant	SECTION	AREA NO:	03

USE	NO: OF FLOOR	AREA.	
Resi	01	AL NAGBHA	
Architecture Engineer	ABDUL BASITH	Structural Engineer	YASSER ABDALLA
Architecture Design	JESHIMON ABD	ELEC. Engineer	ADHAM AL SHARKAWY
Drawin by	JESHIMON ABD	Checked by Engineer	MOHAMED MAHER
Scale	1:100	Dimention	Metric

Date	Drg No:	Sheet No:	A-02
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SECTION AT B B

- FLOOR FINISHING AS PER SPECIFICATION
- 10CM THICK CONCRETE WITH A-142 MESH
- 1000 GAUGE POLYTHENE SHEET
- COMPACTED EARTH FILLING

NOTES:

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- ③ GROOVE LINE



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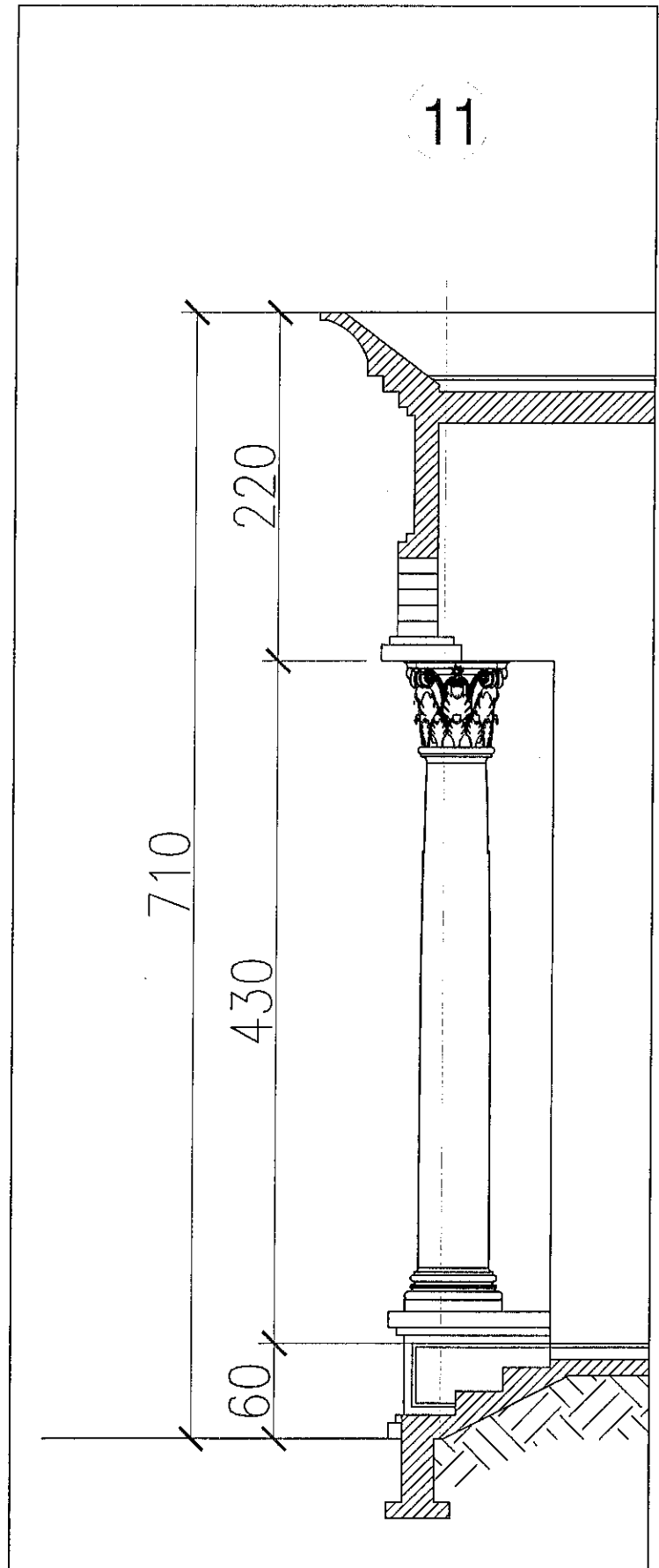


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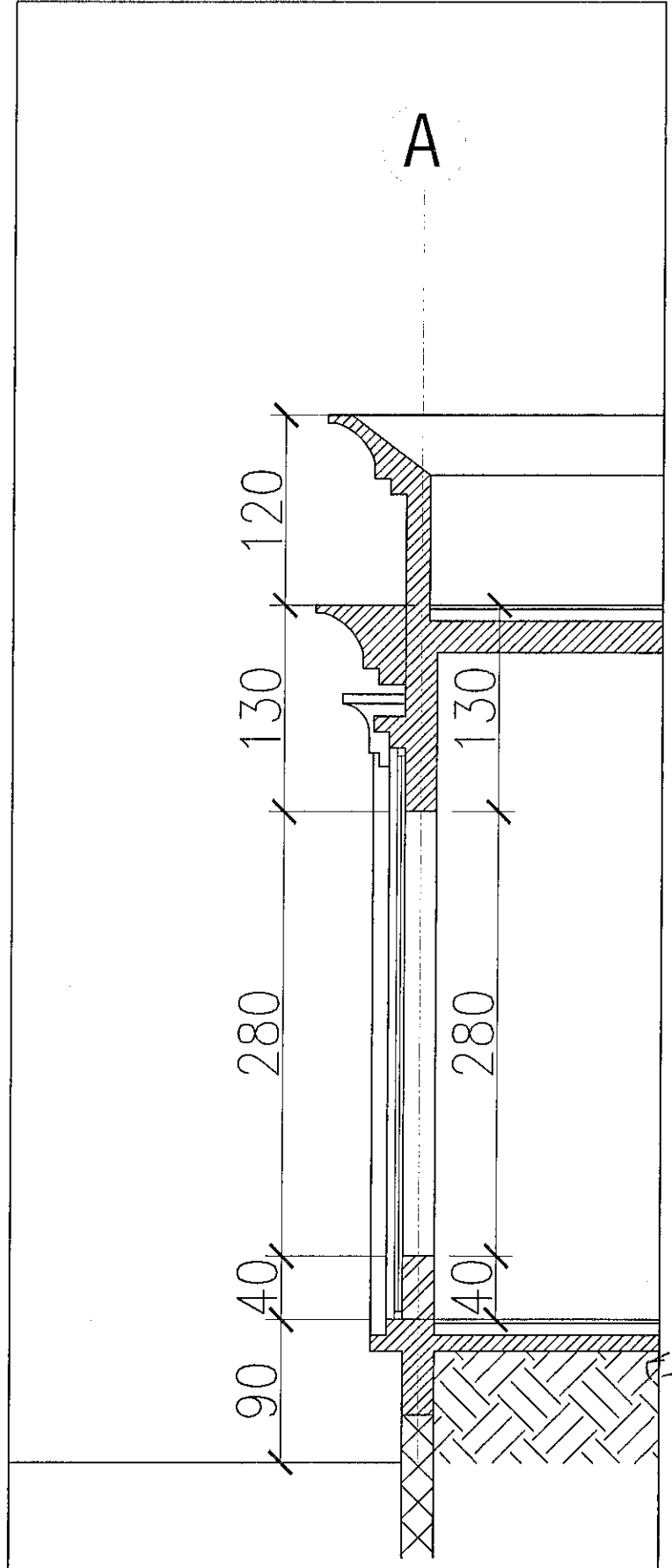
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Department Of U.A.G. Municipality
معتد معمارياً

A-02



DETAIL E



DETAIL F

NOTES:

- ① EPOXY PAINT
- ② DOUBLE REF. GLASS
- ③ GROOVE LINE



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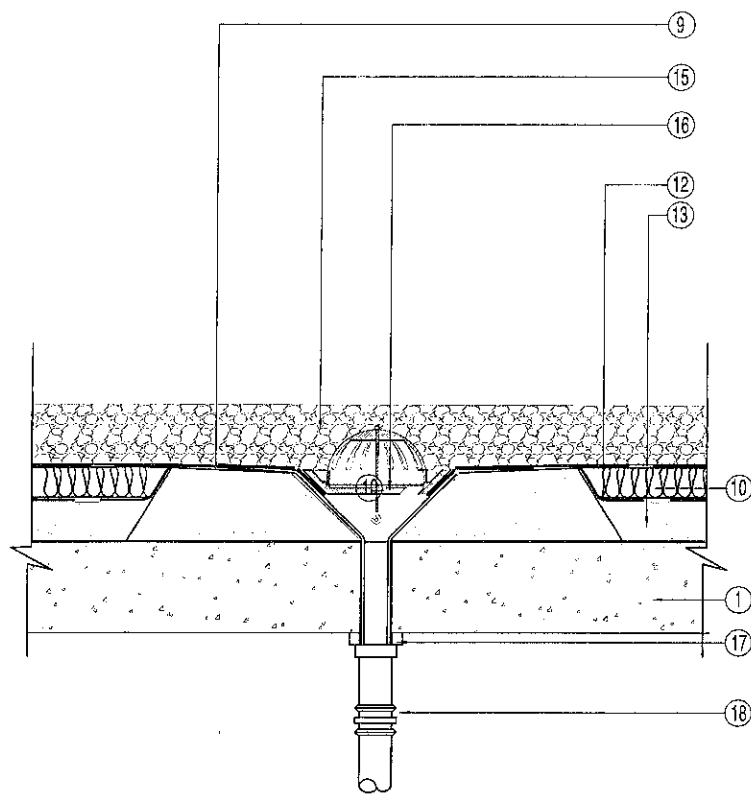


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Sheet Contant	DETAILS	AREA NO:	03

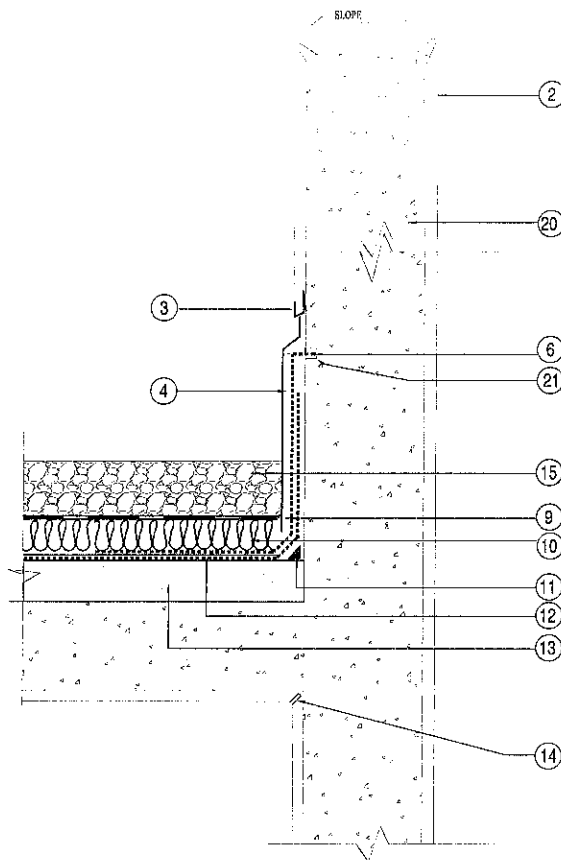
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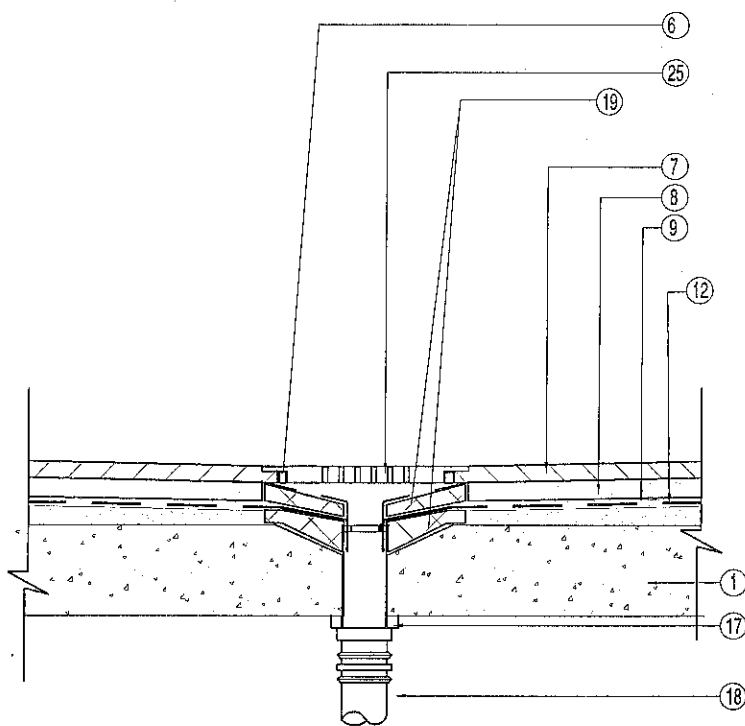
A-02



FOR INACCESSIBLE ROOF
ROOF DRAIN DETAIL.



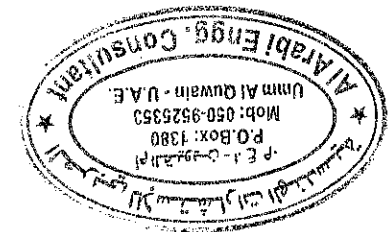
ROOF WATER PROOFING DETAILS
FOR ACCESSIBLE TERRACE
ROOF DRAIN DETAIL.



LEGEND (ROOF WATERPROOFING)

LEGEND :-

- ① R.C. ROOF SLAB TO STRUCTURAL DETAIL
- ② 18mm THK. SAND CEMENT RENDER.
- ③ STAINLESS STEEL PLASTER STOP
- ④ 2MM THICK ALUMINIUM FLASHING SHOT FIRED TO WALLS.
- ⑤ GRANITE SKIRTING.
- ⑥ MASTIC SEALANT AS SPECIFIED.
- ⑦ GRANITY TILES AS SPECIFIED.
- ⑧ 50MM THK. SAND CEMENT SCREED.
- ⑨ TERRUM FILTER LAYER
- ⑩ 50 MM TH. INJECTION-MOULDED POLYSTYRENE
- ⑪ SAND/CEMENT FILLET
- ⑫ 4MM THK. TORCH WELDED POLYMER BITUMEN ELASTO PLASTOMERIC WATERPROOF MEMBRANE WITH CONTINUOUSLY EXTRUDED NONWOVEN SPUN BOND POLYESTER FABRIC.
- ⑬ 35MM THK.(MIN.) LIGHT WT. CONCRETE DENSITY 550/650 KG/M LAID TO SLOPE
- ⑭ CRACK FORMER
- ⑮ LOOSE GRAVEL - 15 TO 20MM DIA MIN. LAYER 100THK.
- ⑯ FULBORA TYPE ROOF DRAIN.
- ⑰ WEATHERING APRON
- ⑱ EXPANSION COUPLER
- ⑲ NONSHRINK MORTAR.
- ⑳ 450 (MIN.) HIGH R.C. PARAPET
- ㉑ GROOVE TO RECEIVE MEMBRANE
- ㉒ LOOSE GRAVEL - 15 TO 20 MM DIA.
- ㉓ 500X500X40 MM CONCRETE TILES LAID LOOSE ON HEAVY DUTY UNDERLAY PADS. TO PERTICULAR SPECIFICATION.
- ㉔ SIDE DRAIN WITH SPOUT
- ㉕ STAINLESS STEEL FLUSH ROOF DRAIN AS SPECIFIED.



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USE	NO. OF FLOOR	AREA.	
Resi	01	AL NABGHA	
Architecture Design	ABDULBASITH	Structural Engineer	MOHAMED BADIE
	JESHIMON ABD	Checked by Engineer	MOHAMED MAHER
ELEC. Engineer	ADHAM AL SHARKAWY	Checked by Engineer	
Scale	1:100	Dimention	Metric
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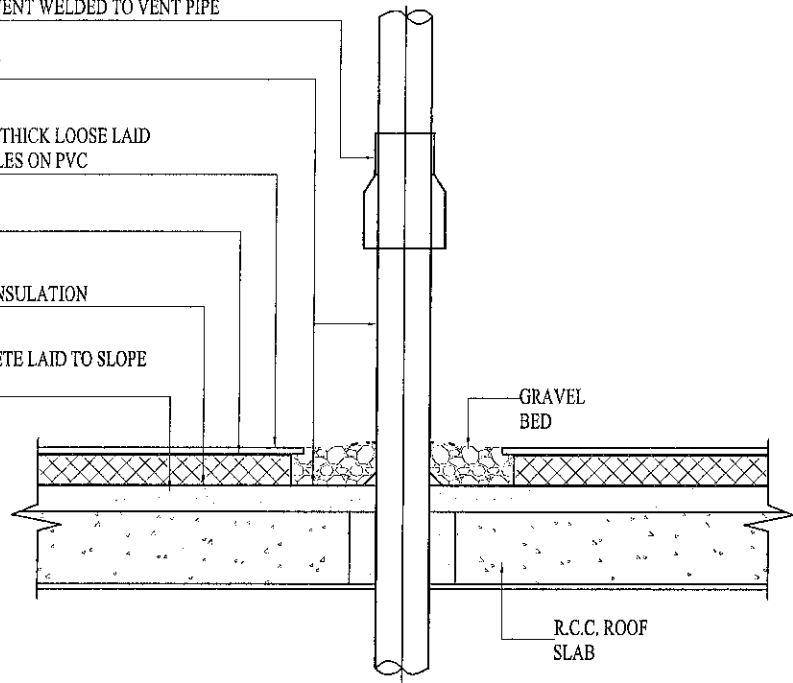
FELT & WATER PROOF MEMBERANE SEALD TOGETHER INSIDE WEATHERING APRONE SOLVENT WELDED TO VENT PIPE

WATERPROOF MEMBRANE

600x600x50mm THICK LOOSE LAID CONCRETE TILES ON PVC SPACER SEPARATION LAYER

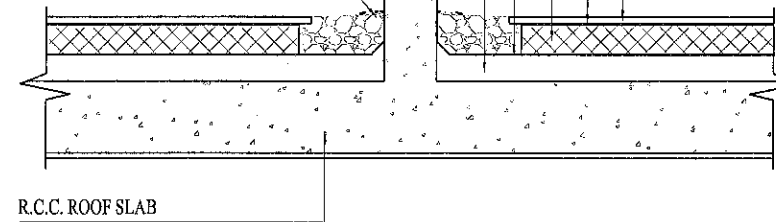
50mm THICK INSULATION BOARD

FOAM CONCRETE LAID TO SLOPE MINI. 50mm AT OUTLETS



ROOF VENT PIPE DETAIL

MASTIC FILL
FELT & WATERPROOF MEMBRANE
GRAVEL BED



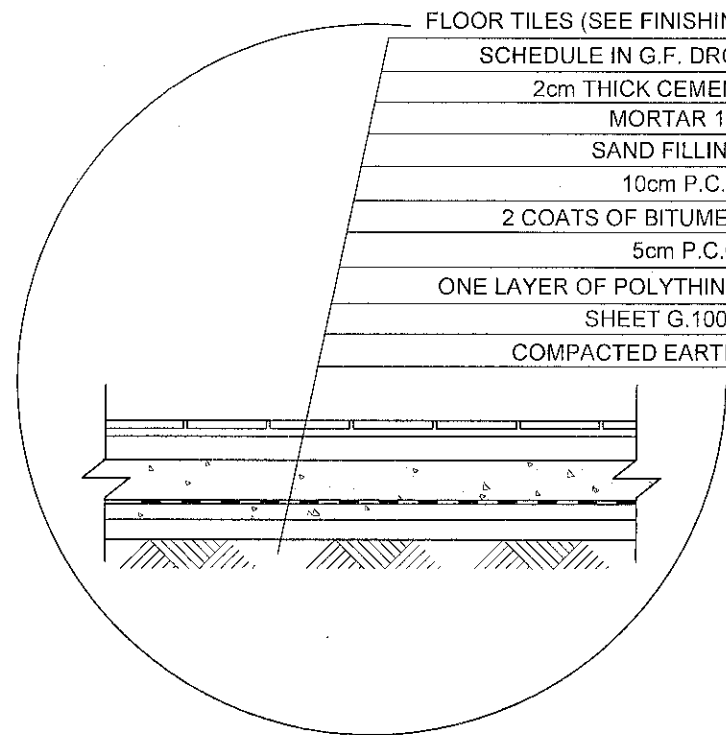
FOAM CONCRETE LAID TO SLOPE MINI. 50mm AT OUTLETS

WATERPROOF MEMBRANE
50mm THICK INSULATION BOARD
SEPARATION LAYER
600x600x50mm THICK LOOSE LAID CONCRETE TILES ON PVC SPACER

R.C.C. ROOF SLAB

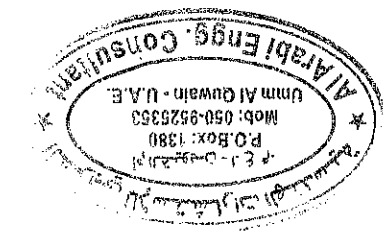
RCC UPSTAND IN ROOF

FLOOR TILES (SEE FINISHING SCHEDULE IN G.F. DRG.)
2cm THICK CEMENT MORTAR 1:3
SAND FILLING.
10cm P.C.C.
2 COATS OF BITUMEN.
5cm P.C.C.
ONE LAYER OF POLYTHINE SHEET G.1000.
COMPACTED EARTH.



DETAILS OF FLOORING

SCALE 1/25



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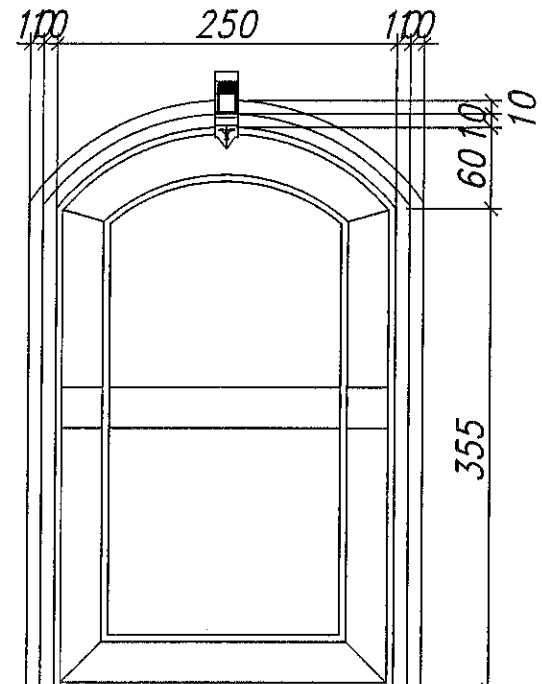
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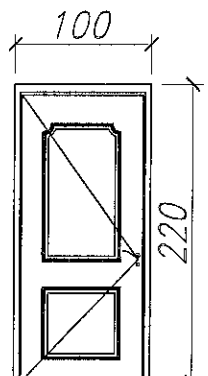
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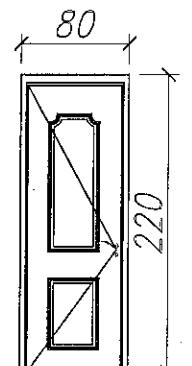
D1

250 X 355+60
WOODEN DOOR
TOP PORTION(60) GLASS



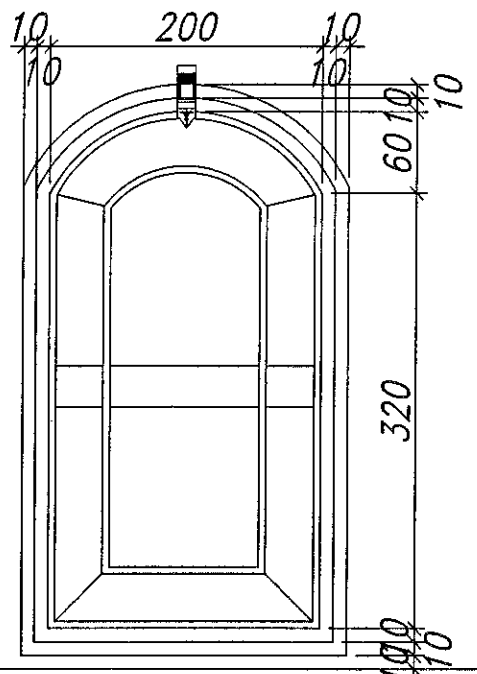
D2

100 X 220
WOODEN DOOR



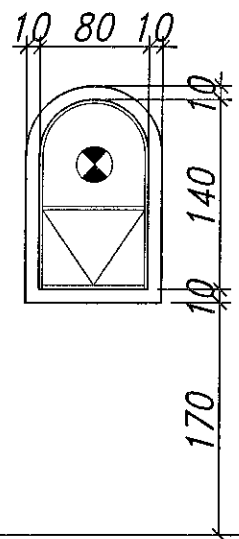
D3

80 X 220
WOODEN DOOR



W1

200 X 320+60
GLASS WINDOW



V1

80 X 140
GLASS VENT.

F.F.L.V.L

F.F.L.V.L



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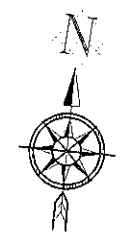
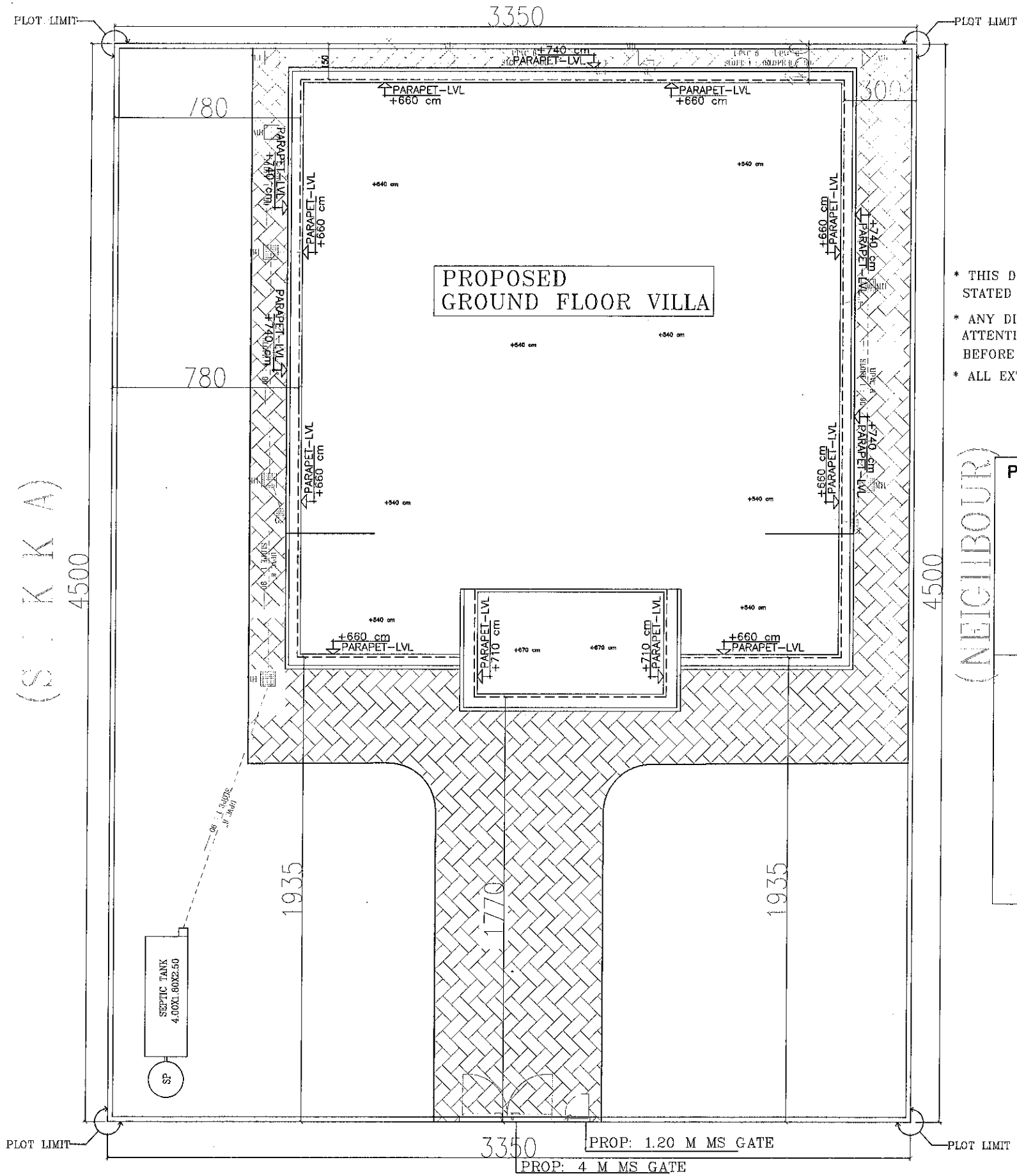
AL-ARABI
 ENGINEERING CONSULTANTS
 P.O. Box 1380, Umm Al Quwain
 United Arab Emirates
 Tel. : 06-7660720 Fax. : 06-7660721.

Owner	IBRAHIM RASHID MOHAMMED ASKOUR AL ALI	Plot No.	3616
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Sheet Contant	ROOF FLOOR PLAN	AREA NO:	03
---------------	------------------------	----------	----

USE	NO: OF FLOOR	AREA.	
Resi	01	AL NAGBHA	
Architecture Engineer	ABDUL BASITH	Structural Engineer	YASSER ABDALLA
Architecture Design	JESHIMON ABD	ELEC. Engineer	ADHAM AL SHARKAWY
Drawin by	JESHIMON ABD	Checked by Engineer	MOHAMED MAHER
Scale	1:100	Dimention	Metric

Date	02-19	Drg No:	01-02-19	Sheet No:	A-03
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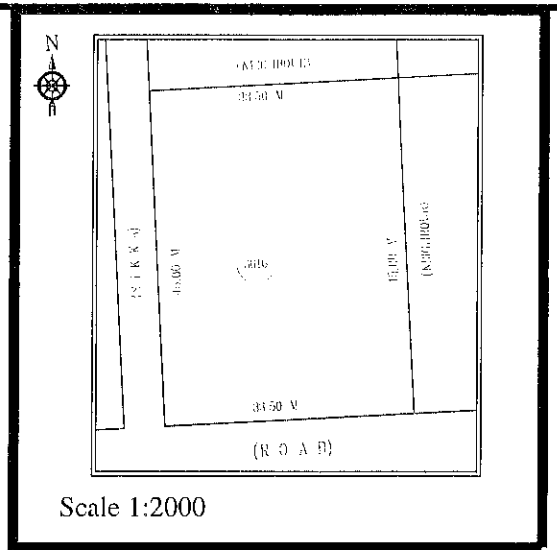
- * THIS DRAWING IS NOT TO BE SCALED. STATED DIMENSIONS ONLY ARE TO BE CONSIDERED.
- * ANY DISCREPANCIES ARE TO BE BROUGHT TO THE ATTENTION OF THE ENGINEER AND RESOLVED BEFORE COMMENCEMENT OF ANY WORK.
- * ALL EXTERNAL WALLS THERMEL BLOCK

PROJECT DETAILS

PROJECT DETAILS	
Owner	IBRAHIM RASHID MOHAMMED ASKOUR AL ALI
PID	9033616
Project title	GROUND VILLA & KIT BLK
Date	03-04-2023

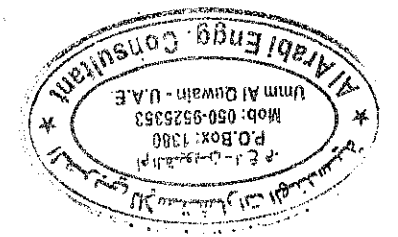
AREAS

Land area	1507.50 M ²
G.Villa floor area	405.80 M ²
Kit blk floor area	186.00 M ²
Prop:B.wall	157 m, wall thickness = 0.2 m (wall height 2.8 m) = 31.4 m ²
villa+k.block+b.wall	405+186+31.4 = 622.4
Prop:Land coverage	area 39.20 %



INDEX OF DRAWINGS

- 1 SITE PLAN
- 2 GROUND FLOOR PLAN
- 3 ROOF PLAN
- 4 ELEVATIONS 1, 2,
- 5 SECTION AA, BB

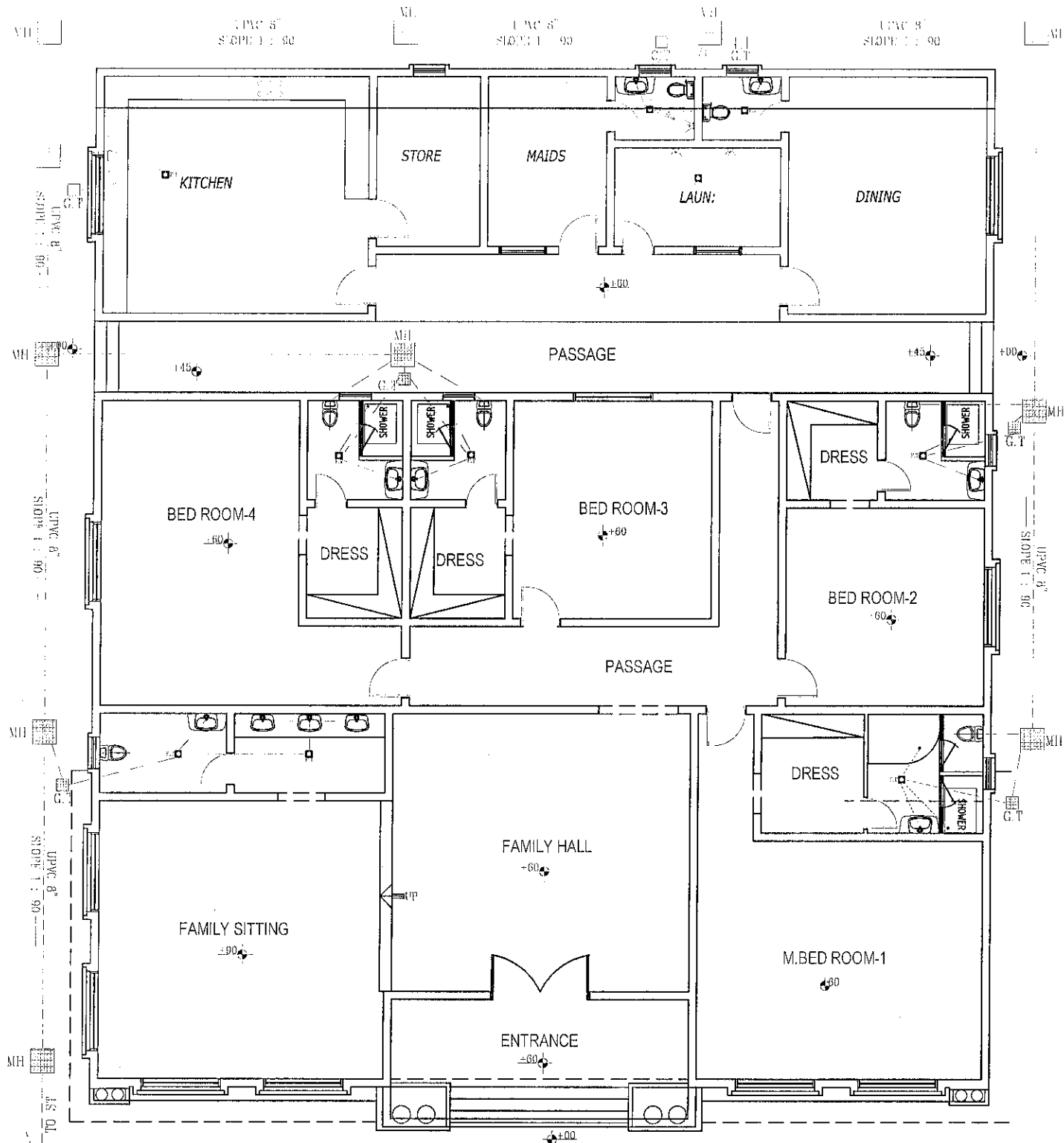


No	Date	Revision	By	CK	App

AL-ARABI
ENGINEERING CONSULTANTS
P.O. Box 1380, Umm Al Quwain
United Arab Emirates
Tel. : 06-7660720 Fax. : 06-7660721

Owner	IBRAHIM RASHID MOHAMMED ASKOUR AL ALI	Plot No.	3616
Sheet Contant	SITE LAYOUT PLAN		AREA NO: 03

USE	NO. OF FLOOR	AREA.	
Resi	01	AL NAGBHA	
Architecture Engineer	ABDUL BASITH	Structural Engineer	YASSER ABDALLA
Architecture Design	JESHIMON ABD	ELEC. Engineer	ADHAM AL SHARKAWY
Drawn by	JESHIMON ABD	Checked by Engineer	MOHAMED MAHER
Scale	1:100	Dimention	Metric
Date	04-23	Drg No:	03-04-23
		Sheet No:	A-01



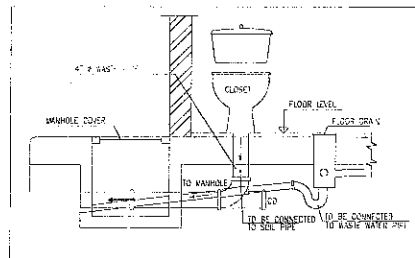
G.FLOOR SANITARY PLAN

NOTE:

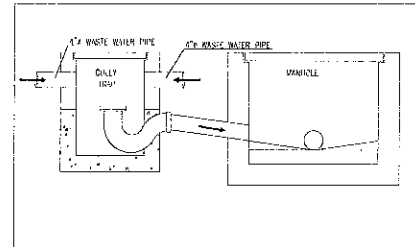
FLOOR TRAP	
UPVC 8"	
UPVC 4"	
UPVC 3"	
UPVC 2"	

NOTE

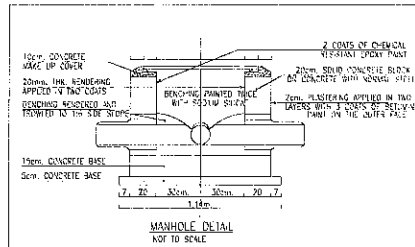
- UPVC PIPE 6" (FROM MANHOLE TO MANHOLE)
- UPVC PIPE 4" (FROM W.C. TO MANHOLE)
- UPVC PIPE 4" (FROM G.T. TO MANHOLE)
- UPVC PIPE 3" (FOR R.W.P.)
- UPVC PIPE 3" (FROM F.T. TO G.T.)
- UPVC PIPE 2" (FROM W.P. TO F.T.)
- MAXIMUM DISTANCE FROM MANHOLE TO MANHOLE 9.0 M
- MANHOLE COVER IS HEAVY DUTY TYPE
- ALL PIPES COMPLY OF SPECIFICATION MENTIONED AT CONTRACT.



01 TYPICAL CONNECTION DETAILS NOT TO SCALE



02 FROM GULLY TRAP TO MANHOLE CONNECTION DETAIL



03 NOT TO SCALE



No	Date	Revision	By	CK	App

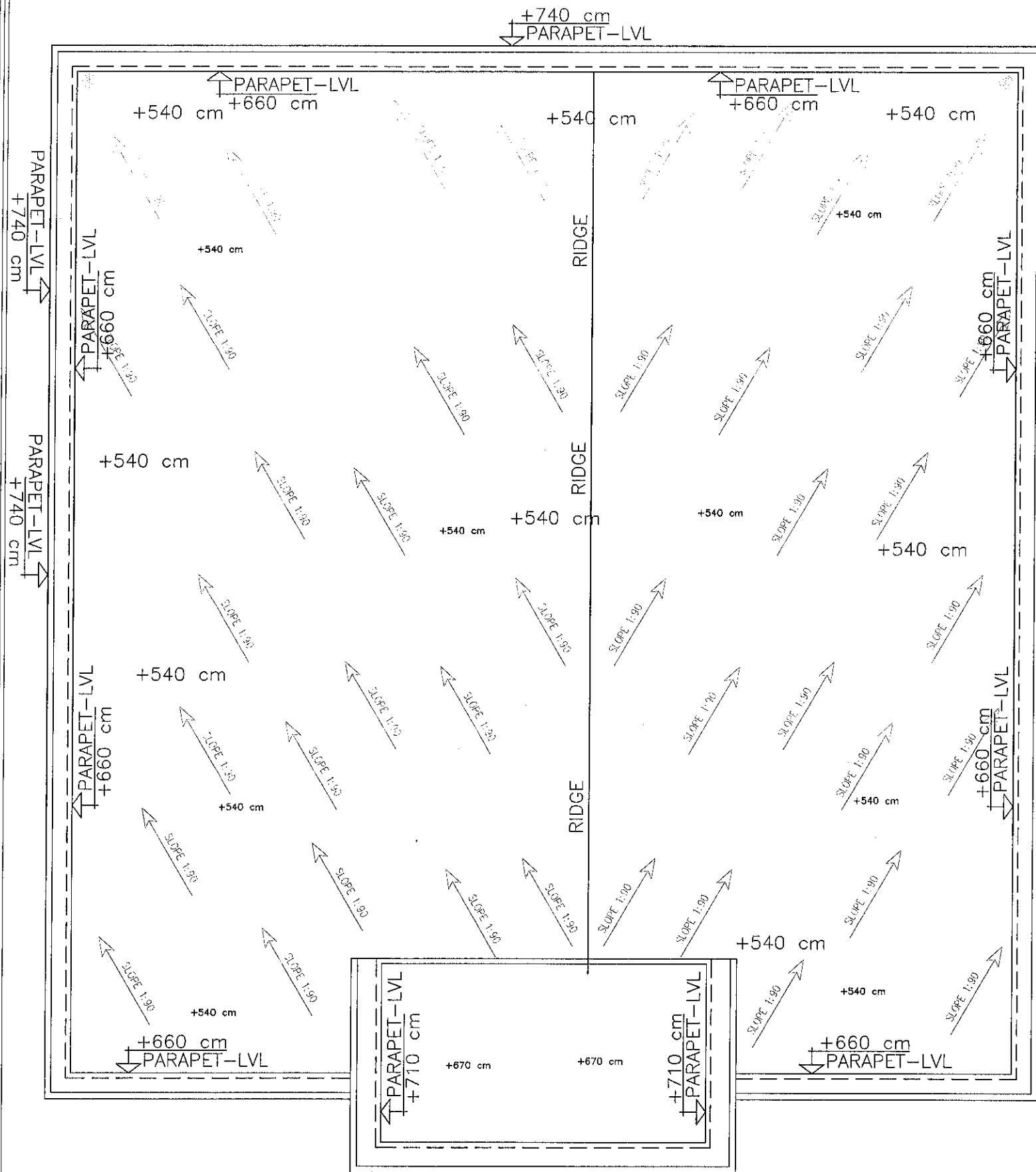
AL-ARABI
ENGINEERING CONSULTANTS
P.O. Box 1380, Umm Al Quwain
United Arab Emirates
Tel.: 06-7660720 Fax.: 06-7660721



Owner	BRAHIM RASHID MOHAMMED ASKOUR AL ALI		Plot No.	3616
Sheet Content	G.FLOOR SANITARY PLAN		AREA:	03

USE	NO. OF FLOOR	AREA	AL NAGBHA	
Resi	01	AL NAGBHA	Structural Engineer	YASIR ABDALLA
Architecture Design	ABDUL BASITH	Checked by Engineer	MOHAMED MAHER	
Architecture Design	JESHIMON ABD	Checked by Engineer		
ELEC. Engineer	ADHAM AL SHARKAWY	Checked by Engineer		
Scale	1:100	Dimention	Metric	

Date	Drg No:	Sheet No:	A-01
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ROOF FLOOR PLAN

NOTES:

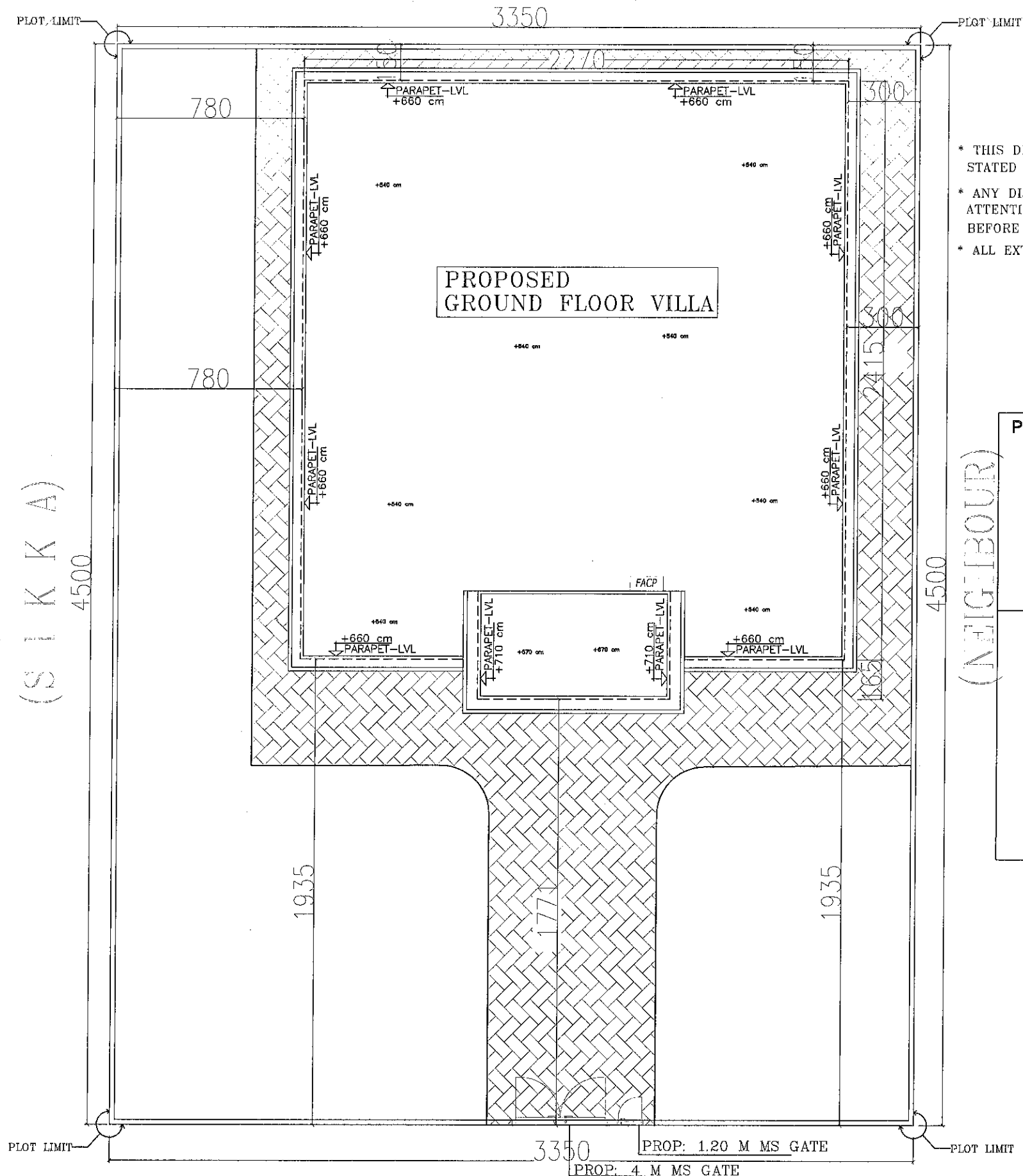
- 1.0 CONTRACTOR TO VERIFY EXISTING LEVELS AT SITE PRIOR TO EXECUTION OF WORK AND IN CASE OF ANY DISCREPANCIES BRING TO KNOWLEDGE OF ENGINEER.
- 2.0 THE CONTRACTOR SHALL CONFIRM THE 1/- 00 (THRESHOLD) LEVEL AND EXCAVATION LEVEL PRIOR TO COMMENCEMENT OF WORK.
- 3.0 THE CONTRACTOR SHALL CONFIRM THE PLOT BOUNDARIES SETTING OUT OF THE BUILDING & THE BORN POINTS OF ALL CURVED SURFACES PRIOR TO COMMENCEMENT OF WORK.
- 4.0 THE CONTRACTOR SHALL OBTAIN APPROVALS /N.O.C s FROM ALL CONCERNED AUTHORITIES & SHALL INCLUDE FOR ALL SUCH WORKS WITH RESPECT TO THE DIVERSION / PROTECTION OF THE SERVICES DURING THE PERIOD OF CONSTRUCTION . TO THE SATISFACTION OF THE CONCERNED AUTHORITIES AND CONSULTANT.
- 5.0 THE CONTRACTOR SHALL PREPARE DETAILED SHOP DRAWINGS OF TOILET AREAS TO AN APPROPRIATE SCALE . INDICATING FLOOR & WALL TILE LAYOUTS WORK POINTS, LOCATIONS OF SANITARY FITTINGS TOILET ACCESSORIES, FLOOR DRAINS , CLEAN OUTS ACCESS PANELS ETC. PRIOR TO EXECUTION.
- 6.0 THE CONTRACTOR SHALL PREPARE DETAILED SHOP DRAWINGS FOR ALL THE FALSE CEILING WORKS TO A SCALE AS DIRECTED BY THE ENGINEER AFTER CO ORDINATION WITH ALL SERVICES & MEP CONTRACTOR INDICATING THE FINISHES, FIXINGS, SUPPORTS, MATERIALS, SERVICE OUTLETS, WORK POINTS, ETC. PRIOR TO EXECUTION OF RELATED WORKS.
- 7.0 PROVIDE DAMP PROOF COURSE AT FINISHED FLOOR LEVEL AT GROUND FLOOR AND APPLIED ON WATER PROOFING IN WET AREAS SUCH AS TOILETS KITCHEN SINKS ETC. & PLANTER BOXES PRIOR TO FINISH APPLICATION.
- 8.0 CONTRACTOR SHALL PREPARE DETAILED SHOP DRAWINGS FOR WALL CLADDING AND FLOORING INDICATING THE TYPES AND SIZES OF TILES AND PATTERN . TO A SCALE AS DIRECTED BY THE ENGINEER.
- 9.0 CONTRACTOR SHALL PREPARE DETAILED SHOP DRAWINGS FOR ROOF INDICATING HIGH POINT , LOW POINT.
- 10.0 ALL OPENING AND SLEEVES FOR SERVICES SHALL BE SEALED . PROVIDE SEALANT , FLASHING ALL AROUND TO ENSURE THAT ENTIRE ASSEMBLY IS WEATHER TIGHT.
- 11.0 CONTRACTOR SHALL PREPARE DETAILED SHOP DRAWINGS FOR WATER PROOFING WORKS SHOWING CORNER & JUNCTION DETAILS AND DETAILS AT PAD FOUNDATION , SINKS, SLEEVES ETC. TO A SCALE AS DIRECTED BY THE ENGINEER.
- 12.0 ALL GRANITE/ MARBLE PANELS AT WALLS SHALL BE ANCHORED WITH MINIMUM 4 NOS. OF STAINLESS STEEL FASTENERS. SUBMIT SAMPLES FOR APPROVAL.
- 13.0 THE CONTRACTOR SHALL SUBMIT DETAILED SHOP DRAWINGS INDICATING SIZE , LOCATION OF ANCHOR POINTS OF STONE CLADDING PRIOR TO EXECUTION.
- 14.0 PROVIDE METAL AFH AT JUNCTION OF R/C WORK AND BLOCK PRIOR TO RENDER.



NOTE:

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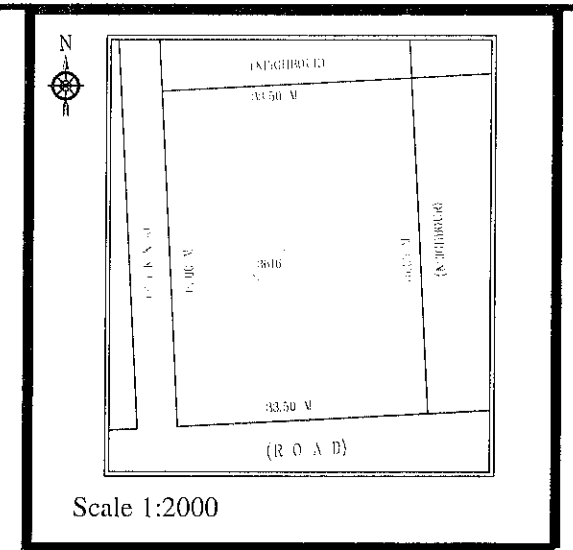
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AL-ARABI ENGINEERING CONSULTANTS P.O. Box 1380, Umm Al Quwain United Arab Emirates Tel. : 06-7660720 Fax. : 06-7660721.					
Owner			Plot No.		
IBRAHIM RASHID MOHAMMED ASKOUR AL ALI			3616		
Sheet Contant					AREA NO:
ROOF FLOOR PLAN					03
USE	NO: OF FLOOR	AREA.			
Resi	01	AL NAGBHA			
Architecture Engineer	ABDUL BASITH	Structural Engineer	YASSER ABDALLA		
Architecture Design	JESHIMON ABD	ELEC. Engineer	ADHAM AL SHARKAWY		
Drawin by	JESHIMON ABD	Checked by Engineer	MOHAMED MAHER		
Scale	1:100	Dimention	Metric		
Date	02-19	Drg No:	01-02-19	Sheet No:	A-03



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 BEFORE COMMENCEMENT OF ANY WORK.
 * ALL EXTERNAL WALLS THERMEL BLOCK

PROJECT DETAILS	
Owner	IBRAHIM RASHID MOHAMMED ASKOUR AL ALI
PID	9033616
Project title	GROUND VILLA & KIT BLK
Date	03-04-2023

AREAS	
Land area	1507.50 M ²
G.Villa floor area	405.00 M ²
Kit blk floor area	186.00 M ²
Prop:B.wall	157 cm, wall thickness = 0.2 m (wall height 2.8 m) = 31.4 m ²
villa+k.block+b.wall	405+186+31.4 = 622.4
Prop:Land coverage	area 39.20%



INDEX OF DRAWINGS

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- 2 GROUND FLOOR PLAN
- 3 ROOF PLAN
- 4 ELEVATIONS 1, 2,
- 5 SECTION AA, BB



No	Date	Revision	By	CK	App

AL-ARABI ENGINEERING CONSULTANTS		
P.O. Box 1380 , Umm Al Quwain United Arab Emirates		
Tel. : 06-7660720	Fax. : 06-7660721.	

Owner IBRAHIM RASHID MOHAMMED ASKOUR AL ALI	Plot No. 3616
Sheet Content SITE LAYOUT PLAN	AREA NO: 03

USE	NO: OF FLOOR	AREA.	
Resi	01	AL NAGBHA	
Architecture Engineer	ABDUL BASITH	Structural Engineer	YASSER ABDALLA
Architecture Design	JESHIMON ABD	ELEC. Engineer	ADHAM AL SHARKAWY
Drawn by	JESHIMON ABD	Checked by Engineer	MOHAMED MAHER
Scale	1:100	Dimention	Metric
Date	04-23	Drg No:	03-04-23
		Sheet No:	A-01

(R O A D)

(S I K K A)

(N E I G H B O U R)

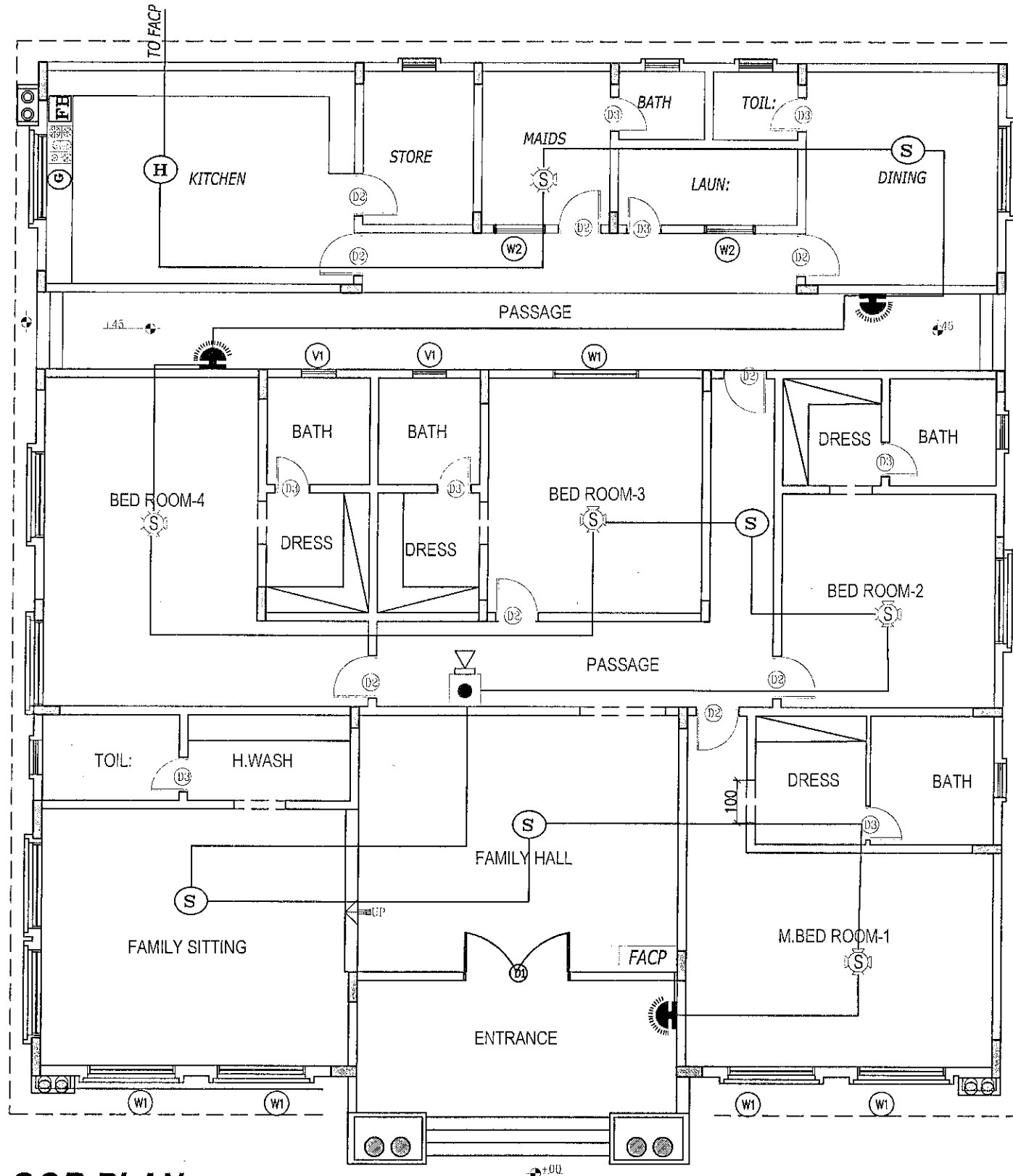
PROP: 1.20 M MS GATE
 PROP: 4 M MS GATE

FIRE PROTECTION CONTRACTING COMPANIES CARRY OUT INSTALLATION WORK IN AJMAN / UAQ / FUJ SHALL COMPANY THE FOLLOWING.

1. ALL FIRE PROTECTION COMPANIES SHALL HAVE A VALID LICENSE / APPROVAL FROM THE AJMAN / RAK / UAQ / FUJ CIVIL DEFENCE FOR DESIGN, ENGINEERING, SUPPLY, INSTALLTION, TESTING COMMISSIONING AND MAINTENANCE VARIOUS TYPES OF FIRE PROTECTION SYSTEMS.
2. ALL FIRE PROTECTION COMPANIES SHALL PREPARE THE DETAILED WORK SHOP DRAWINGS / CALCULATIONS / SUBMITTAL FOR EQUIPMENTS SUPPLIED TO THE PROJECT PRIOR TO STARTING THE WORK AND OBTAIN APPROVAL FROM THE AJMAN / RAK / UAQ / FUJ CIVIL DEFENCE.
3. FIRE DOORS SHALL BE MANUFACTURED ; SUPPLIED & INSTALLED BY THE COMPANIES HAVING VALID LICENCE / APPROVAL FROM THE AJMAN / RAK / UAQ / FUJ CIVIL DEFENCE.

NOTE:

The specialised fire protection contractor shall prepare the detail workshop drawings, calculations & schematic riser diagrams (for both fire alarm and fire fighting systems) and submit for civil defence approval prior to the commencement of installation works.



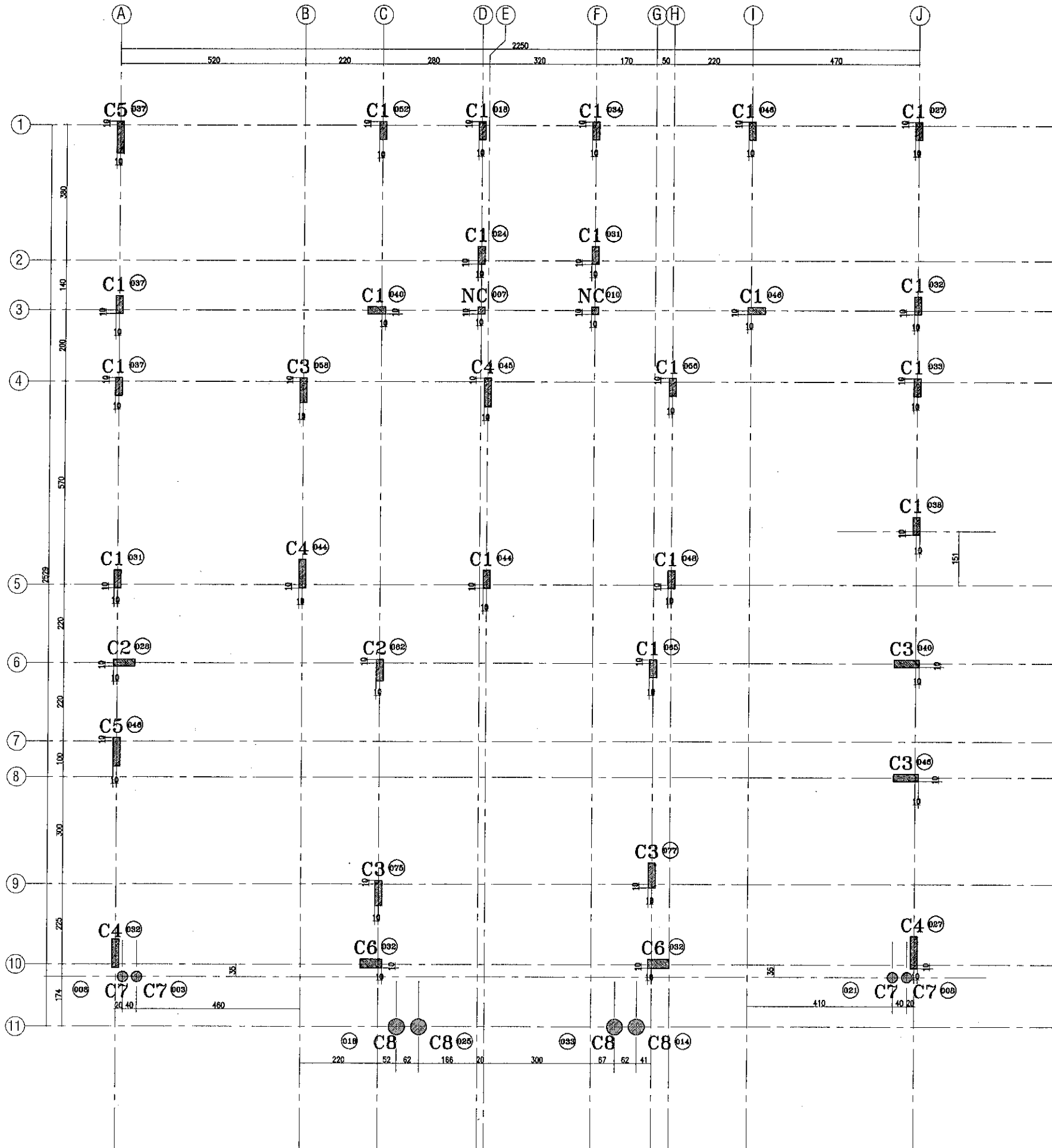
GROUND FLOOR PLAN

FIRE ALARM LEGEND

SYMBOLS	DESCRIPTION
[FAAP]	FIRE ALARM ADDRESSABLE PANEL
(H)	ADD.HEAT DETECTORS
(S)	ADD.SMOKE DETECTOR
(S)	ADD.SMOKE DETECTOR WITH SOUNDER BASE
(●)	MANUAL CALL POINT
[EXIT]	EXIT LIGHT, MAINTAINED TYPE
(S)	SOUNDER
(S)	SOUNDER CUM FLASHER
(C)	LPG CYLINDRS



No	Date	Revision	By	CK	App
AL-ARABI ENGINEERING CONSULTANTS					
P.O. Box 1380, Umm Al Quwain United Arab Emirates Tel. : 06-7660720 Fax. : 06-7660721.					
Owner					Plot No.
IBRAHIM RASHID MOHAMMED					3616
ASKOUR AL ALI					AREA.
Sheet Contant					03
GROUND FLOOR PLAN					
USE	NO. OF FLOOR	AREA.			
Resi	G	AL NAGBHA			
Architecture Design	ABDUL BASITH	Structural Engineer	YASSER ABDULLA		
Architecture Design	JESHIMON ABD	Checked by Engineer	MOHAMED MAHER		
ELEC. Engineer	ADHAM AL SHARKAWY	Checked by Engineer			
Scale	1:100	Dimention	Metric		
Date	04-2023	Drg No:	4-04-23	Sheet No:	



Notes To Be Considered

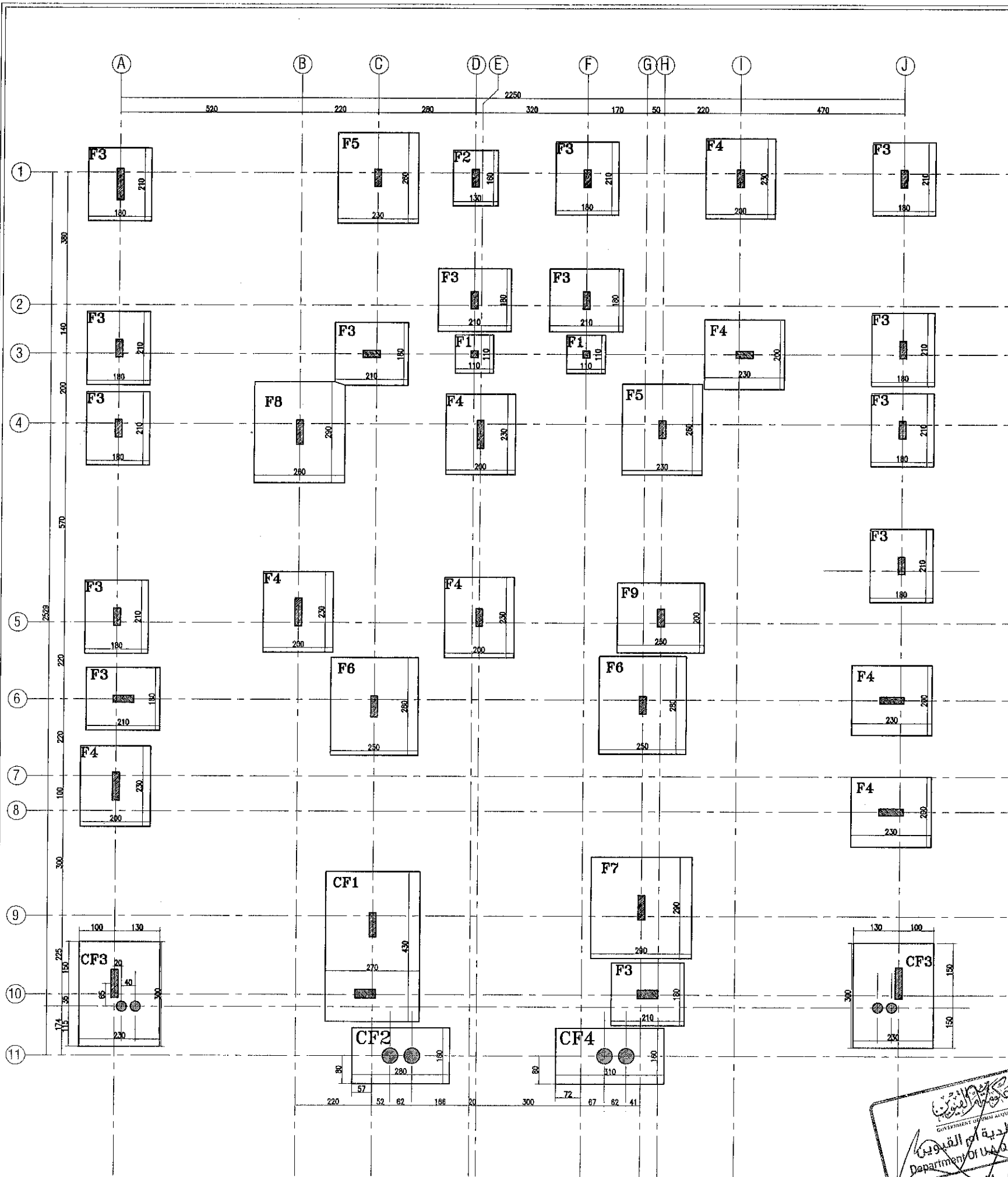
- * Footings Were Designed For G+1
- * The Soil Bearing Capacity is 12 T/m² -up to width 3.0m According To Soil Report
- * The Soil Bearing Capacity is 11T/m² -up to width 4.0m According To Soil Report
- * The Soil Bearing Capacity is 12 T/m² for combined footing According To Soil Report
- * The Excavated LVL not less than 1.50 m FROM PAVED ROAD LEVEL
- * The Foundation Depth Is 1.25 m Below NGL
- * A 25 cm Of Well Compacted In One layer Base Material Is To Be Placed Under Pcc Layer
- * All Dimensions And Axes Must Be Matched With Architectural
- * Contractor Should Use Ready Mix Concrete With Water Proofing Admixture
- * Strength of standard Concrete Cubes At 28 Days Should Not Be Less Than 400 kg/cm²
- * Reinforcing Steel Is High Grade Steel (36/52) Having Max Strength of 4600 kg/cm²
- * Encourage Length Of Reinforcement Should Be Less Than 65
- * Slump Tests Is To Be Performed For Samples of Concrete Mix Before Casting
- * Clear Concrete Cover Should Not Be Less Than 4.00 cm
- * Special Additives Is To Be Used To Reduce The Concrete Mix Permeability

Fcu	400kg/cm ²
Fy	4600kg/cm ²



Date	Revision	By	CK	App
AL-ARABI ENGINEERING CONSULTANTS				
P.O. Box 1380, Umm Al Quwain United Arab Emirates Tel. : 06-7660720 Fax. : 06-7660721.				
IBRAHIM RASHID MOHAMMED ASKOUR AL ALI			Plot No. 3616	
Sheet Contant AXIS & COLUMN			AREA NO: 03	
	NO: OF FLOOR 01	AREA. AL NAGBHA		
Architecture	ABDUL BASITH	Structural Engineer	YASSER ABDALLA	
Architecture	JESHIMON ABD	ELEC. Engineer	ADHAM AL SHARKAWY	
Drawin by	JESHIMON ABD	Checked by Engineer	MOHAMED MAHER	
	1:100	Dimention	Metric	
APP NO	BP01-2023-18232		Sheet No: A-02	





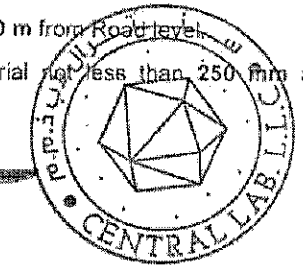
Based on the above discussions and from careful reading of the borehole logs with other data, SHALLOW FOUNDATIONS is suitable for the project subject to the following considerations and requirements.

Based on the technical discussion and engineering considerations outlined in the preceding clauses and provided that the preparations and improvement of the foundation ground are properly conduct as mentioned above, ACCORDINGLY; the recommended ALLOWABLE BEARING CAPACITY and their corresponding Modulus of Sub-Grade Reaction (Ks) to be used in the design of foundations placed on top for the PCC Layer are shown in the table below and given in options for different types of shallow foundation:

Shallow Foundation Type Option	Foundation Excavation Depth R.L. (m)	Net Allowable Bearing Pressure (kN/m ²)	Modulus Sub-Grade Reaction, Ks (kN/m ³)	Permissible Settlement (mm)
Isolated/ Combined/ Strip >1.0m to 2.0m width	1.0	130	15600	<25
Isolated/ Combined/ Strip >2.0m to 3.0m width	1.0	120	14400	<25
Isolated/ Combined/ Strip >3.0m to 4.0m width	1.0	110	13200	<25
Raft (50mm Settlement)	1.0	160	9600	<50

NOTE:

- Prior to construction, the excavation level not less than 1.0 m from Road level.
- Place at least 1 compacted layer of road base material not less than 250 mm and should be recompacted to not less than 95 % of MDD.
- The PCC layer should not be less than 100 mm.



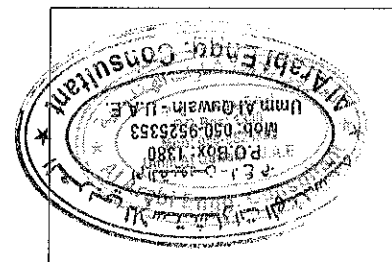
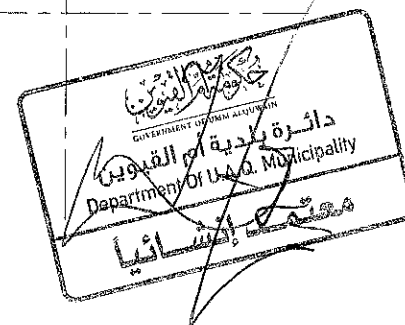
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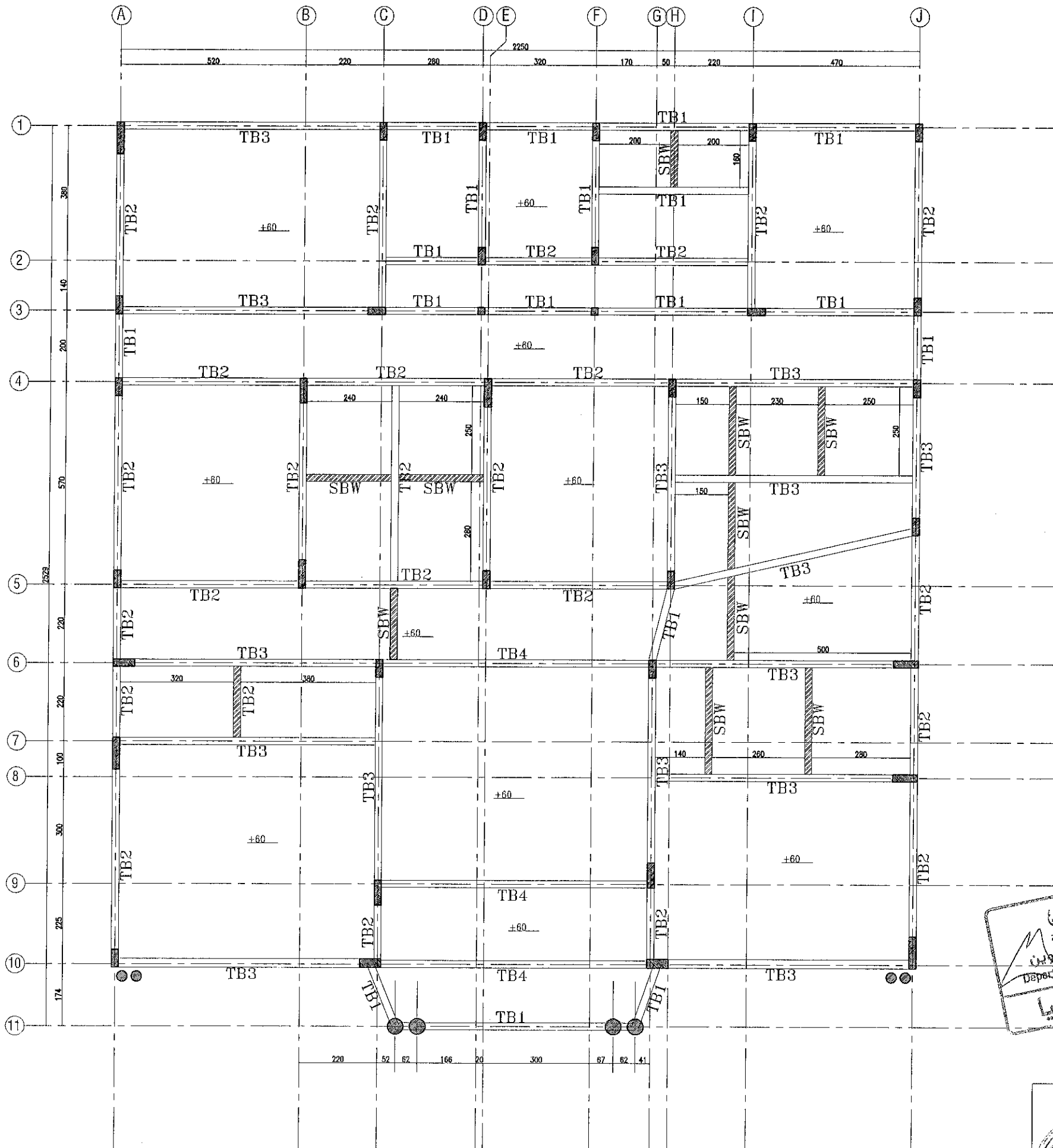
Notes To Be Considered

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Fcu	400kg/cm ²
Fy	4600kg/cm ²

Date	Revision	By	CK	App
AL-ARABI ENGINEERING CONSULTANTS				
P.O. Box 1380, Umm Al Quwain United Arab Emirates Tel. : 06-7660720 Fax. : 06-7660721.				
IBRAHIM RASHID MOHAMMED ASKOUR AL ALI			Plot No. 3616	
Sheet Contant FOOTINGS			AREA NO: 03	
	NO: OF FLOOR 01	AREA. AL NAGBHA		
Architecture	ABDUL BASITH	Structural Engineer	YASSER ABDALLA	
Architecture	JESHIMON ABD	ELEC. Engineer	ADHAM AL SHARKAWY	
Drawin by	JESHIMON ABD	Checked by Engineer	MOHAMED MAHER	
	1:100	Dimention	Metric	
APP NO	BP01-2023-18232	Sheet No:	A-02	





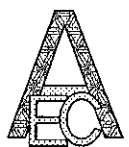
Notes To Be Considered

- * Footings Were Designed For G+1
- * The Soil Bearing Capacity is 12 T/m² - up to width 3.0m According To Soil Report
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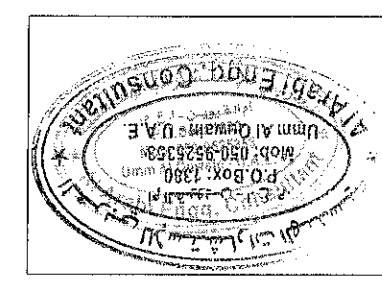
AL-ARABI
ENGINEERING CONSULTANTS
P.O. Box 1380, Umm Al Quwain
United Arab Emirates
Tel. : 06-7660720 Fax. : 06-7660721.

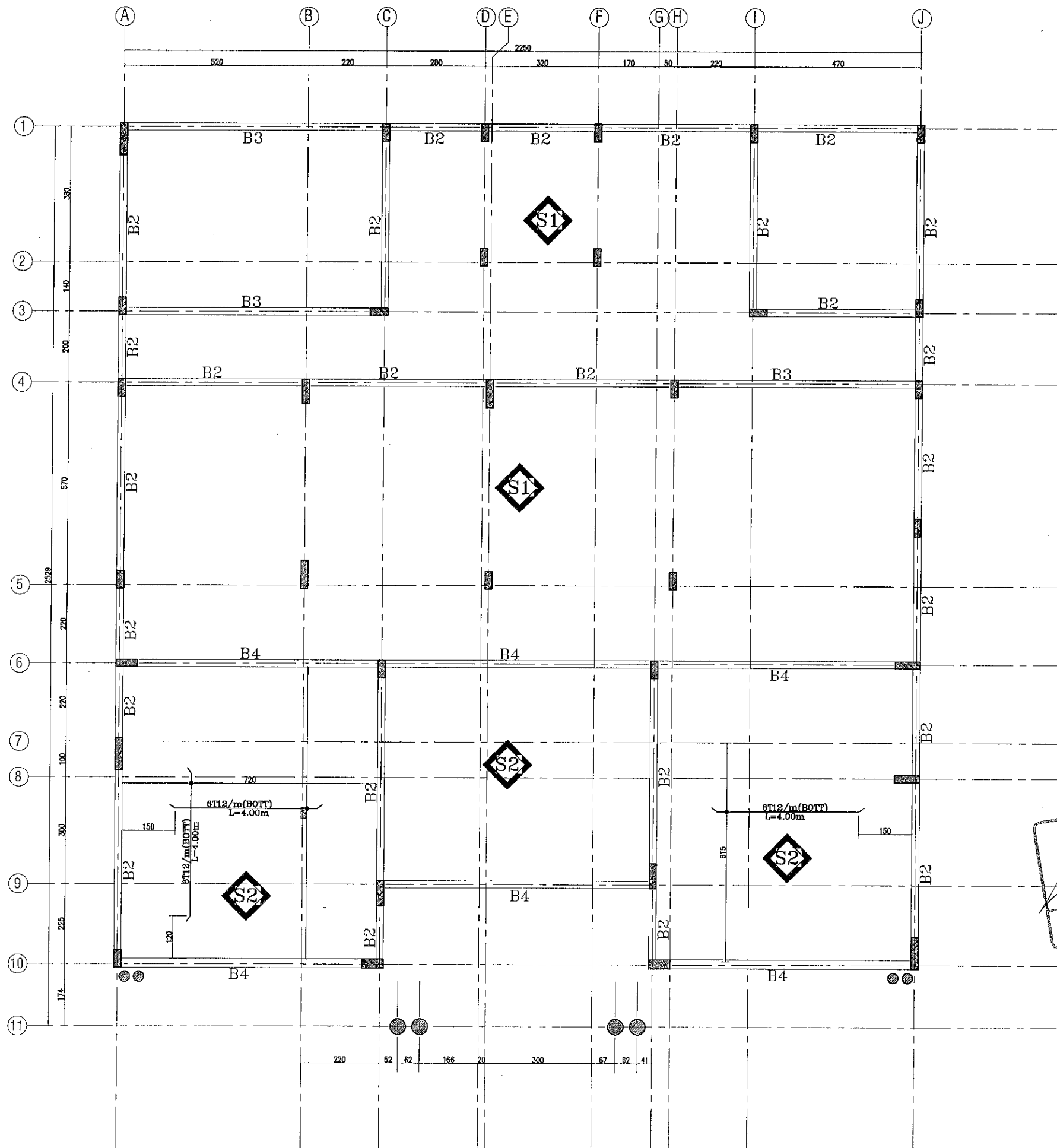


دائرة البلدية والقروية
Department of U.A.E. Municipality
مختبر إنشائيا

IBRAHIM RASHID MOHAMMED ASKOUR AL ALI	Plot No. 3616
Sheet Contant TIE BEAM	AREA NO: 03

	NO: OF FLOOR 01	AREA. AL NAGBHA	
Architecture	ABDUL BASITH	Structural Engineer	YASSER ABDALLA
Architecture	JESHIMON ABD	ELEC. Engineer	ADHAM AL SHARKAWY
Drawin by	JESHIMON ABD	Checked by Engineer	MOHAMED MAHER
	1:100	Dimention	Metric
APP NO	BP01-2023-18232	Sheet No:	A-02





Notes To Be Considered

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- * Strength of standard Concrete Cubes At 28 Days Should Not Be Less Than 400 kg/cm²
- * Reinforcing Steel Is High Grade Steel (36/52) Having Max Strength of 4600 kg/cm²
- * Encourage Length Of Reinforcement Should Be Less Than 65
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- * Special Additives Is To Be Used To Reduce The Concrete Mix Permeability

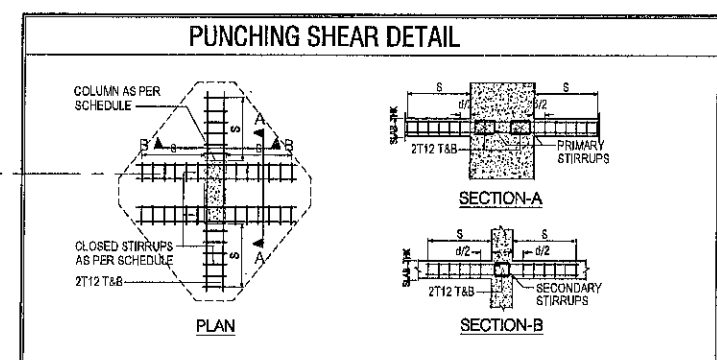
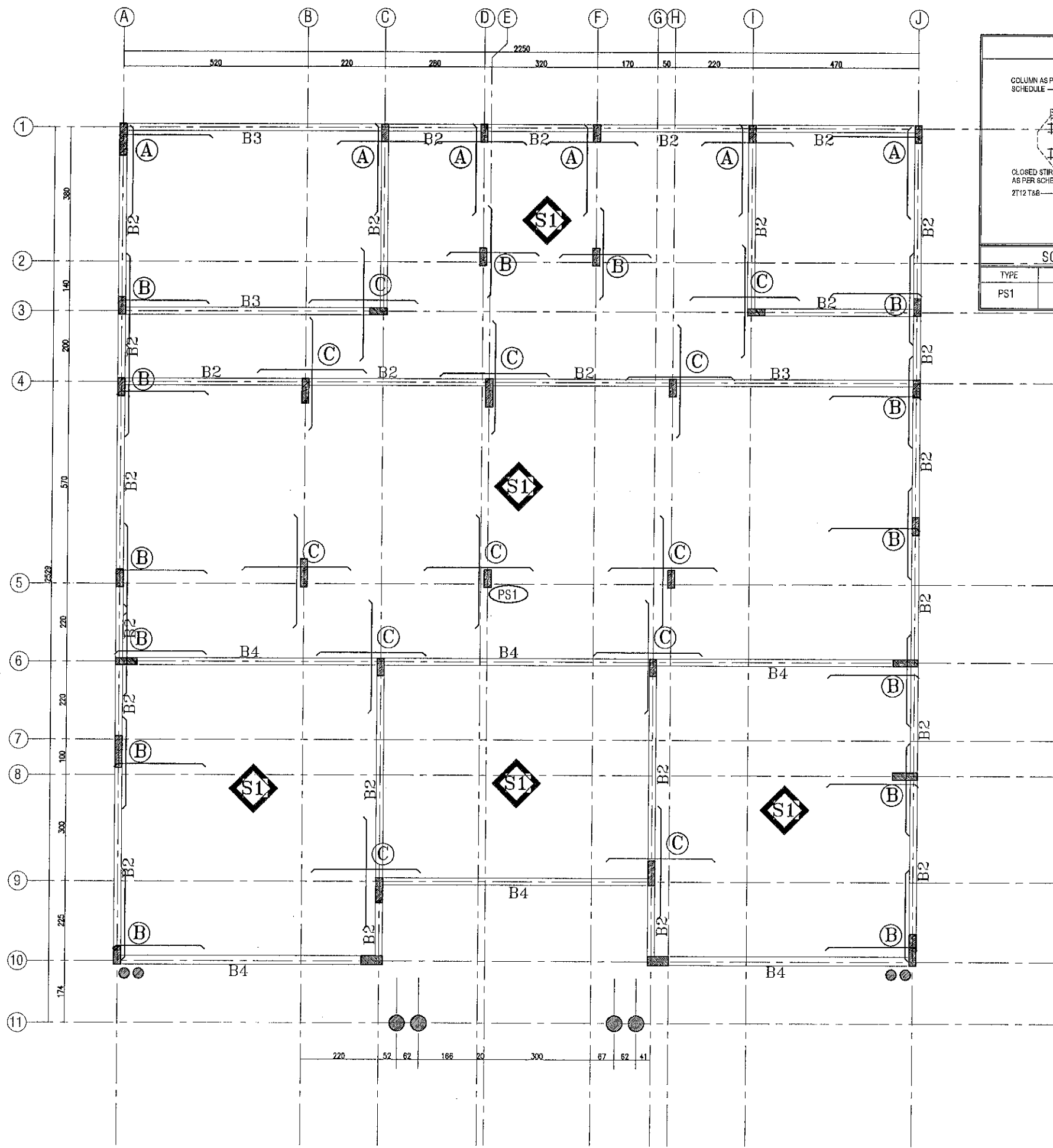
Fcu	400kg/cm ²
Fy	4600kg/cm ²

Date	Revision	By	CK	App

AL-ARABI
ENGINEERING CONSULTANTS
P.O. Box 1380, Umm Al Quwain
United Arab Emirates
Tel. : 06-7660720 Fax. : 06-7660721.



IBRAHIM RASHID MOHAMMED ASKOUR AL ALI		Plot No. 3616	
Sheet Contant GR SLAB RFT (EXTRA BOT)		AREA NO: 03	
Architecture	NO: OF FLOOR 01	AREA AL NAGBHA	
Architecture	ABDUL BASITH	Structural Engineer	YASSER ABDALLA
Architecture	JESHIMON ABD	ELEC. Engineer	ADHAM AL SHARKAWY
Drawn by	JESHIMON ABD	Checked by Engineer	MOHAMED MAHER
	1:100	Dimention	Metric
APP NO	BP01-2023-18232	Sheet No:	A-02



SCHEDULE OF PUNCHING SHEAR REINFORCEMENTS				
TYPE	S (mm)	d/2 (mm)	PRIMARY STIRRUPS	SECONDARY STIRRUPS
PS1	1000	115	4L-T12@7.5cm.C/C	2L-T12@7.5cm.C/C

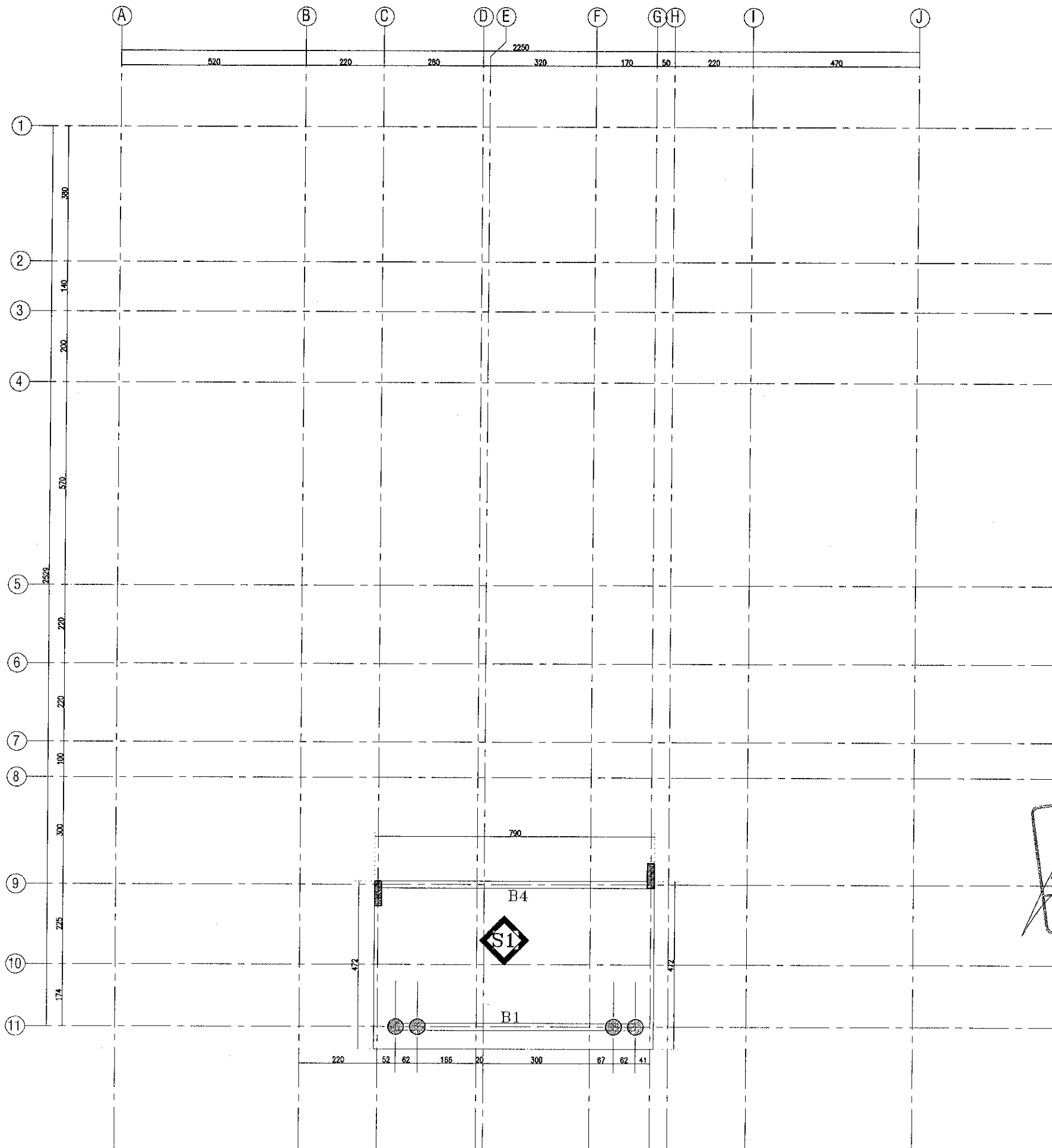
- Notes To Be Considered**
- * Footings Were Designed For G+1
 - * The Soil Bearing Capacity is 12 T/m² - up to width 3.0m According To Soil Report
 - * The Soil Bearing Capacity is 11T/m² - up to width 4.0m According To Soil Report
 - * The Soil Bearing Capacity is 12 T/m² for combined footing According To Soil Report
 - * The Excavated LVL not less than 1.50 m FROM PAVED ROAD LEVEL
 - * The Foundation Depth Is 1.25 m Below NGL
 - * A 25 cm Of Well Compacted in One layer Base Material Is To Be Placed Under Pcc Layer
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دائرة البلدية أم القيوين
 Department Of U.A.E. Municipality
 مستخدم انشائي



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AL-ARABI ENGINEERING CONSULTANTS P.O. Box 1380 , Umm Al Quwain United Arab Emirates Tel. : 06-7660720 Fax. : 06-7660721.				
IBRAHIM RASHID MOHAMMED ASKOUR AL ALI				Plot No. 3616
Sheet Contant GR SLAB RFT (EXTRA TOP)				AREA NO: 03
Architecture	NO: OF FLOOR 01	AREA. AL NAGBHA	Structural Engineer	YASSER ABDALLA
Architecture	ABDUL BASITH	ELEC. Engineer	JESHIMON ABD	ADHAM AL SHARKAWY
Drawin by	JESHIMON ABD	Checked by Engineer	MOHAMED MAHER	
	1:100	Dimention	Metric	
APP NO	BP01-2023-18232	Sheet No:	A-02	



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P.O. Box 1380, Umm Al Quwain United Arab Emirates				
Tel. : 06-7660720		Fax. : 06-7660721.		
IBRAHIM RASHID MOHAMMED ASKOUR AL ALI				Plot No. 3616
Sheet Contant TOP ROOF DETAILS				AREA NO: 03
	NO. OF FLOOR 01	AREA. AL NAGBHA		
Architecture	ABDUL BASITH	Structural Engineer	YASSER ABDALLA	
Architecture	JESHIMON ABD	ELEC. Engineer	ADHAM AL SHARKAWY	
Drawin by	JESHIMON ABD	Checked by Engineer	MOHAMED MAHER	
	1:100	Dimention	Metric	
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