



VANZUELLA

Vanzuella Company For Consulting Engineering Designs

Owner Name	الشركة العامة الاردنية للصوامع والتموين المساهمة العامة المحدودة.		
Site	ALRSAYFEH	Date	10-2025
Basin Name-No	-----	Land Area	-----
Plot Number	-----	Regulation	-----

Architect	Civil Engineer
Arch.Suhil Ajelat	Najih Kanaan
200097	101135

Electrical Engineer	Mechanical Engineer
Shatha Alkarareh	Azzam Attari
411388	300760

Mobile Number

0799933707

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VANZUELLA

Vanzulla Company For Consulting
Engineering Designs
(2824)
Tel- 0789695422

TABLE OF CONTENTS

ARCHITECTURAL SHEETS

01	SITE PLAN	07	TABLE OF DOORS AND WINDOWS				
02	SITE SERVICES	08	ELEVATIONS				
03	AREA PLAN	09	SECTIONS				
04	GROUND FLOOR	10	GROUND FLOOR FINISH				
05	TOP OF ROOF	11	DETAILS 1				
06	GROUND FLOOR FURNITURE	12					

STRUCTURAL SHEETS

01	GENERAL DETAILS						
02	COLUMNS AXISES LAYOUT						
03	HANKER STEEL LAYOUT						
04	STEEL CONNECTION DETAILS						
05	STEEL CONNECTION DETAILS						

MECHANICAL SHEETS

01	GROUND FLOOR AC						

ELECTRICAL SHEETS

01	ELECTRICAL SYMBOLS	08	FIRE ALARM GROUND FLOOR				
02	LIGHTING SITE PLAN	09	FIRE ALARM RISER				
03	LIGHTING GROUND FLOOR						
04	POWER GROUND FLOOR						
05	ELECTRICAL CALCULATIONS						
06	CCTV GROUND FLOOR						
07	CCTV RISER						

Plot No. Basin No. Basin name The village

Client Name
الشركة العامة الاردنية للصوامع والتموين المساهمة
العامة المحدودة.
Project Name

TABLE OF CONTENTS

Project number 303

Date Issue Date

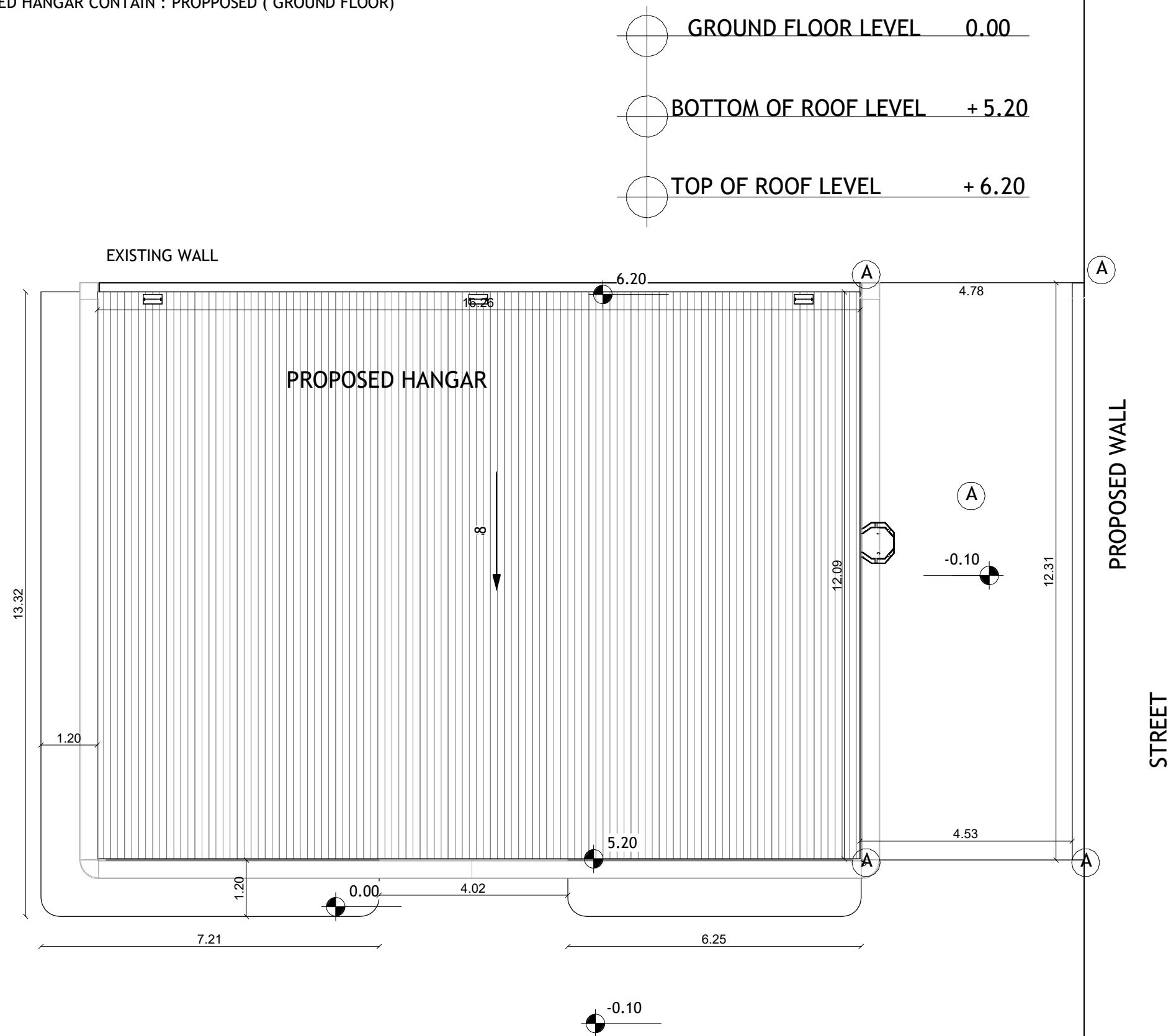
Design by :Arch.Shahed 218190

Checked by : Arch.Suhail 200097

A100.

Scale 1:100

PROPOSED HANGAR CONTAIN : PROPOSED (GROUND FLOOR)



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العامة المحدودة.
Project Name

SITE PLAN

Project number 303

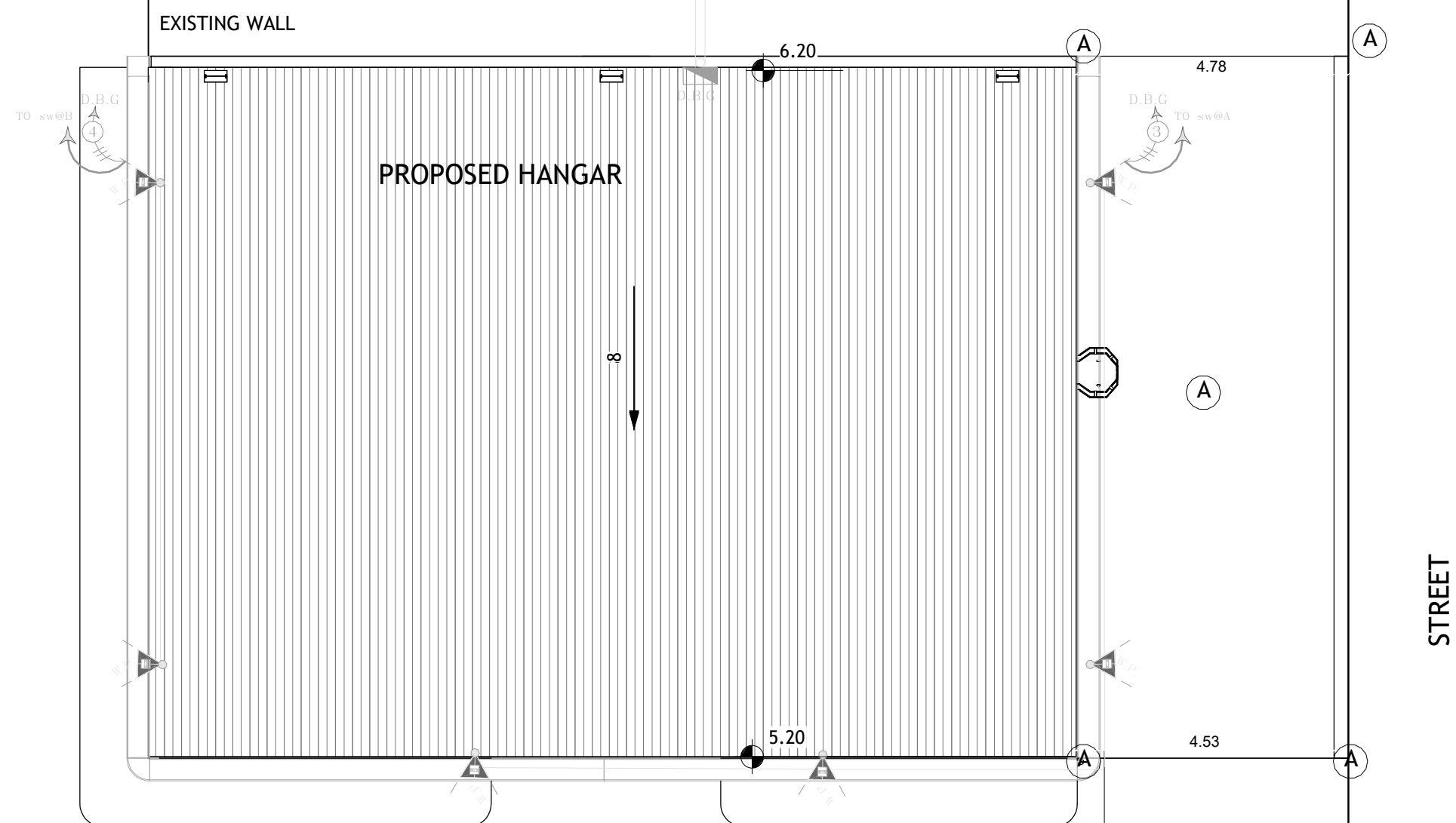
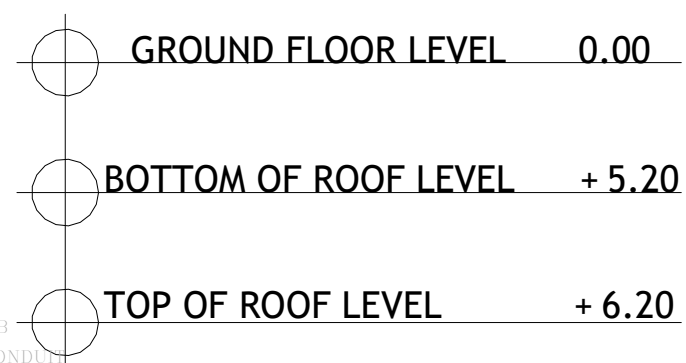
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Design by :Arch.Shahed 218190

Checked by : Arch.Suhail 200097

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Plot No.	Basin No.	Basin name	The village

Client Name
الشركة العامة الاردنية للصوامع والتموين المساهمة العامة المحدودة.

SITE PLAN WITH SERVICES

Project number	303
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Date	Issue Date
------	------------

Design by :Arch.Shahed 218190

Checked by : Arch.Suhail 200097

A101.5

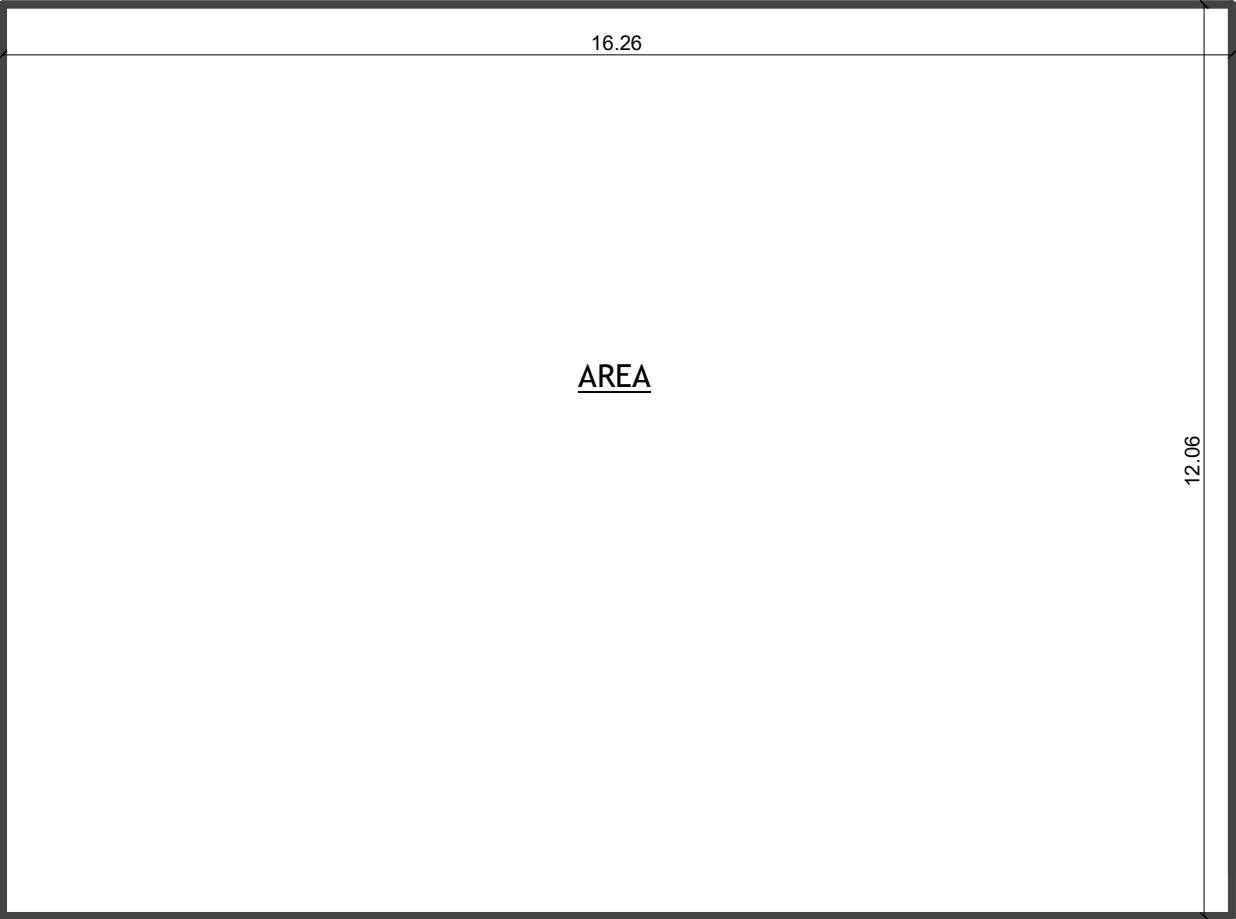
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Area Schedule (Rentable)		
Name	Comments	Area

AREA	16.26*12.069	196.08 m²
------	--------------	-----------

Total Area= 196.08 m²

Plot No.	Basin No.	Basin name	The village

Client Name الشركة العامة الاردنية للصوامع والتأمين المساهمة العامة المحدودة. Project Name
--

AREA PLAN

Project number	303
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Date	Issue Date
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Design by :Arch.Shahed	218190
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Checked by : Arch.Suhail	200097
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A102

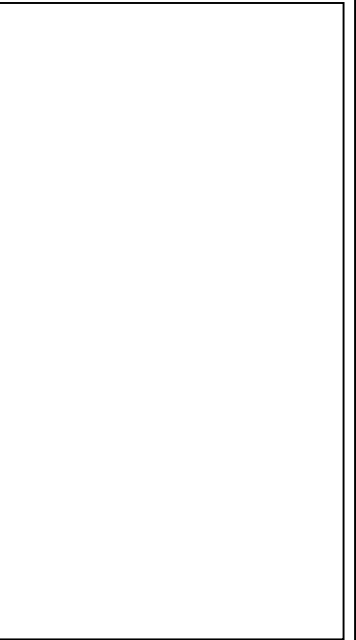
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Plot No.	Basin No.	Basin name	The village

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الشركة العامة الاردنية للصوامع والتأمين المساهمة العامة المحدودة.
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GROUND FLOOR

Project number	303
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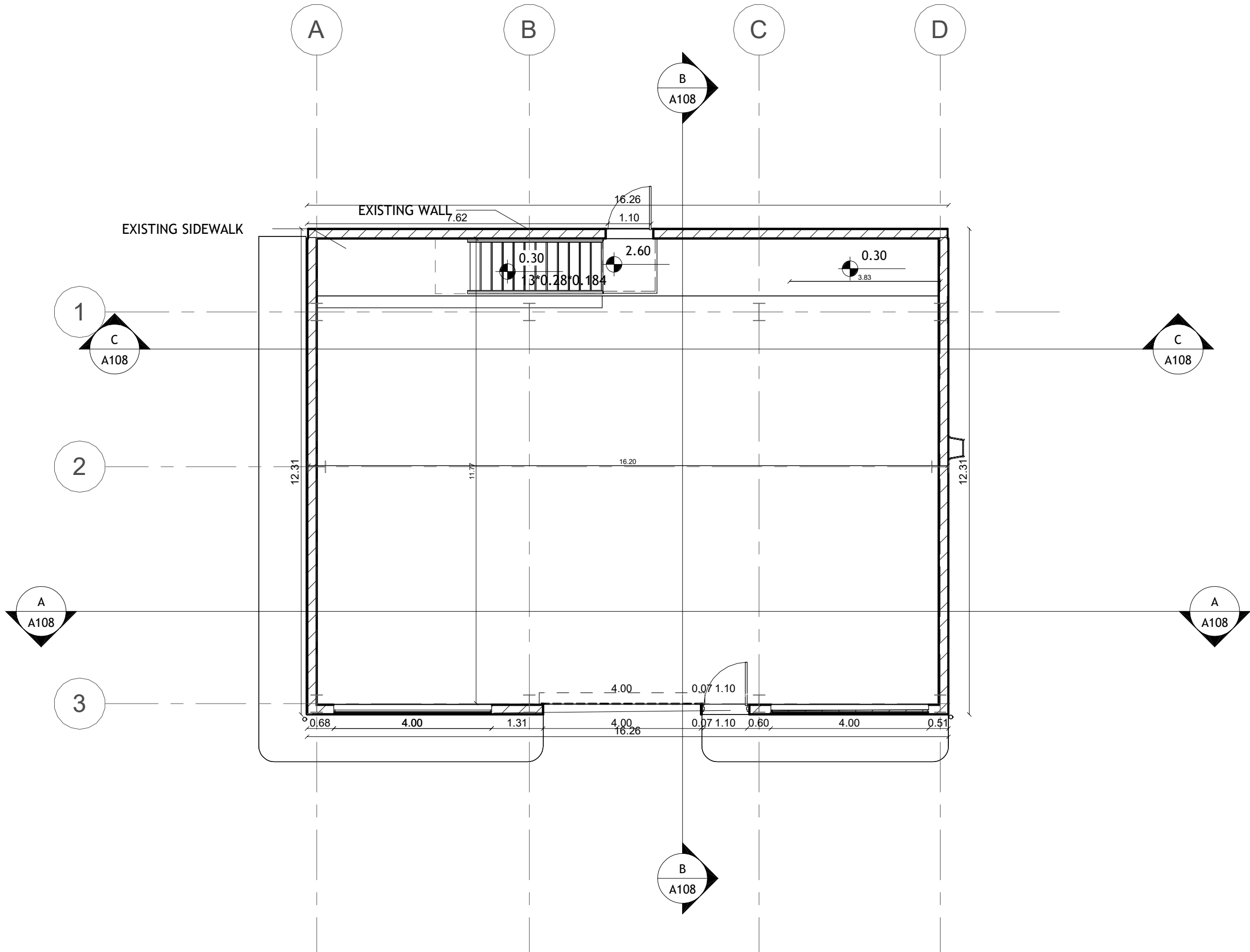
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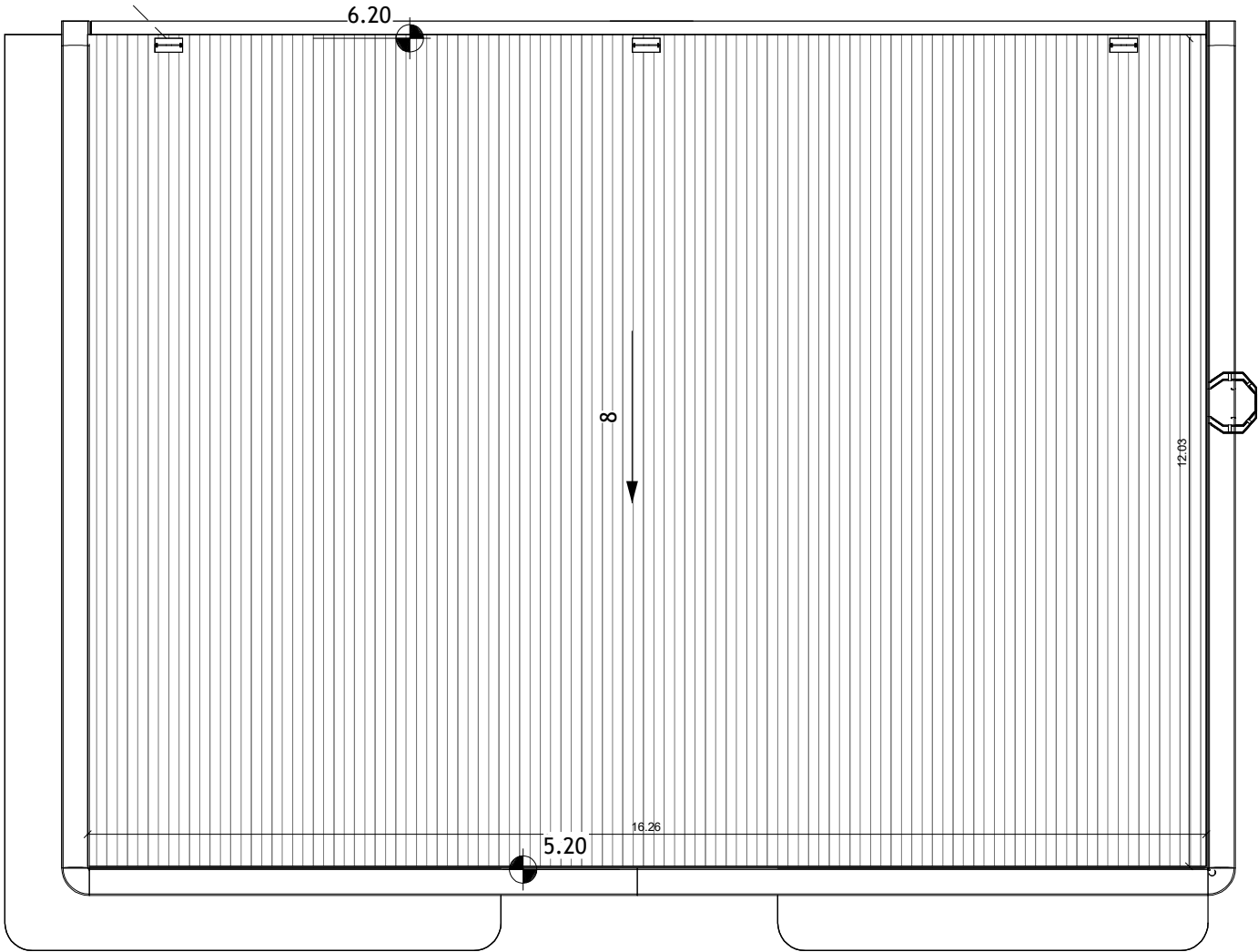
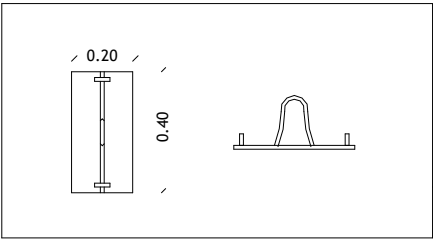
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A103

Scale	1:100
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ANCHOR HOOK



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Plot No.	Basin No.	Basin name	The village

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الشركة العامة الاردنية للصوامع والتموين المساهمة العامة المحدودة.

Project Name

TOP OF ROOF

Project number 303

Date Issue Date

Design by :Arch.Shahed 218190

Checked by : Arch.Suhail 200097

A104

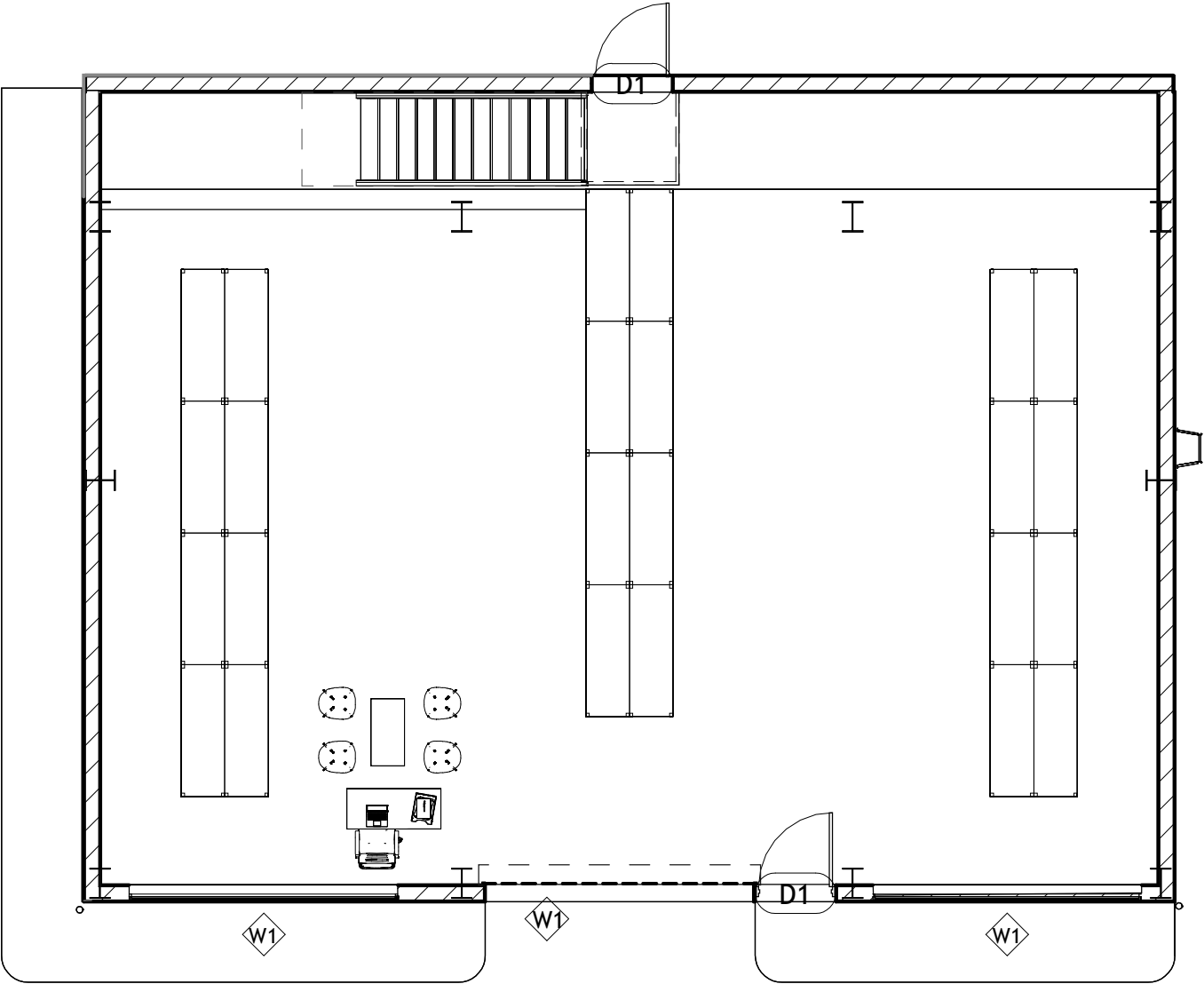
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Tel- 0789695422



Plot No.	Basin No.	Basin name	The village
268	9	ALASHAAL	LOB

Client Name
ALMODON INDUSTRIAL COMPANY
Project Name

GROUND FLOOR FURNITURE

Project number 303

Date Issue Date

Design by :Arch.Jana 218186

Checked by : Arch.Suhail 200097

A105

Scale 1:100



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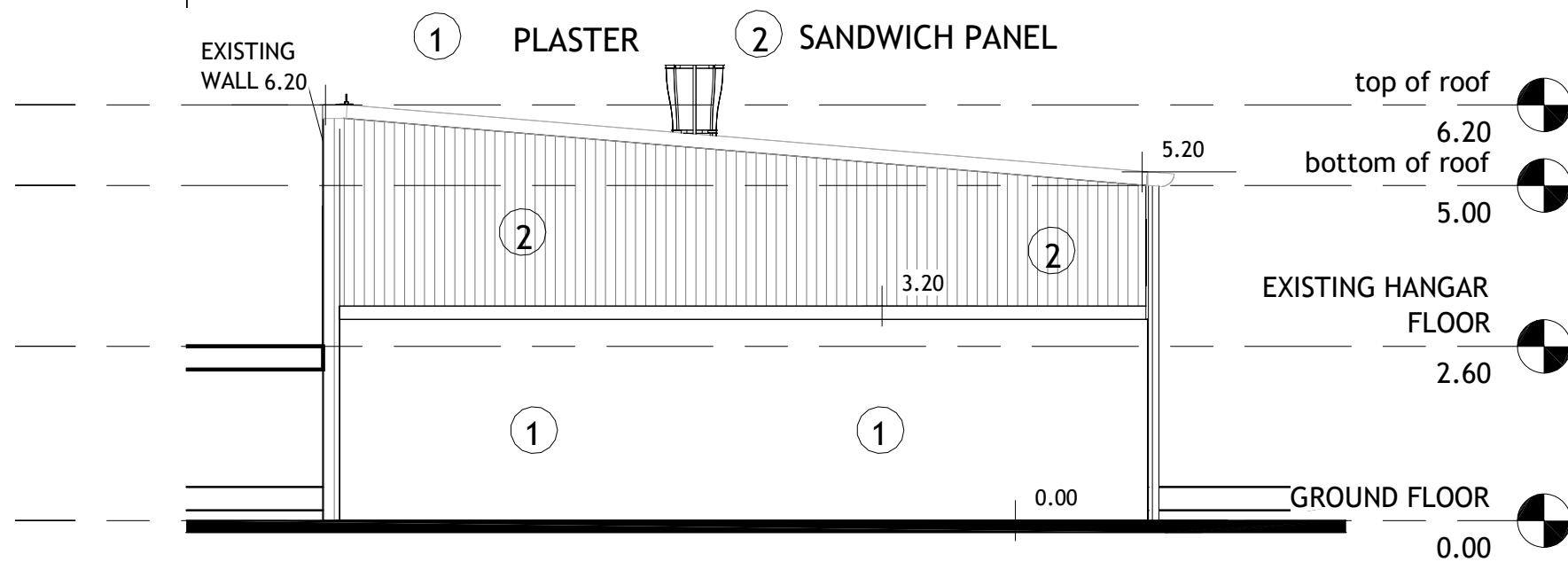
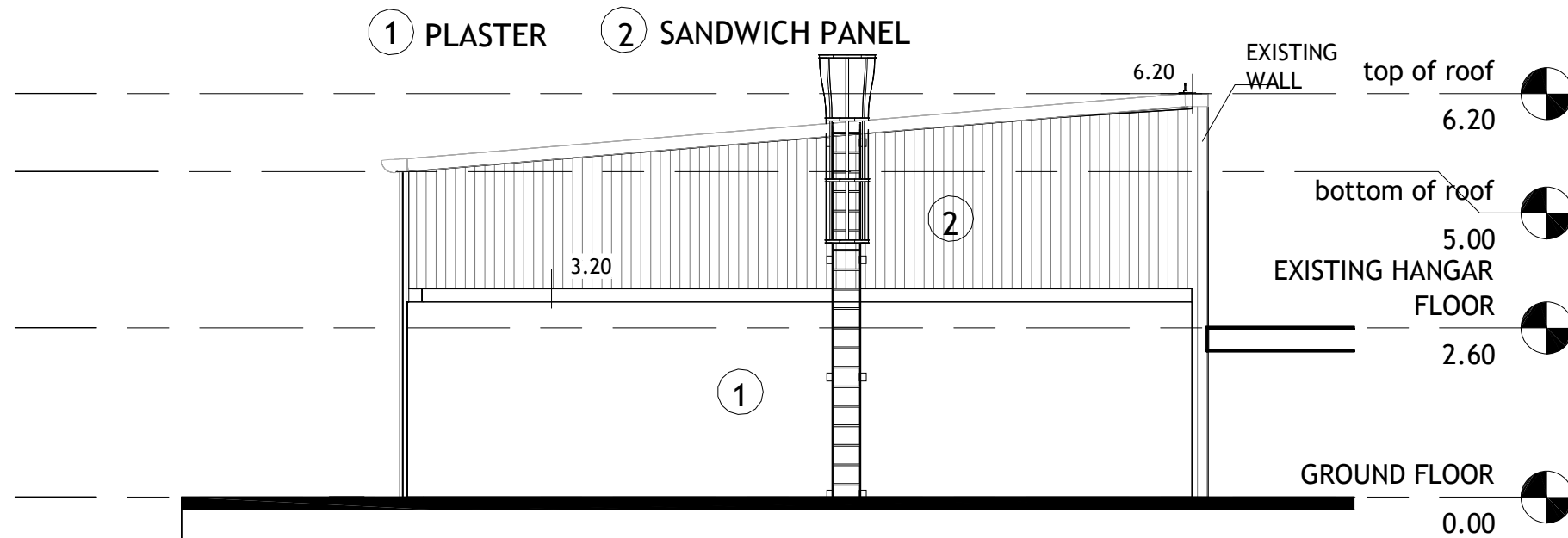
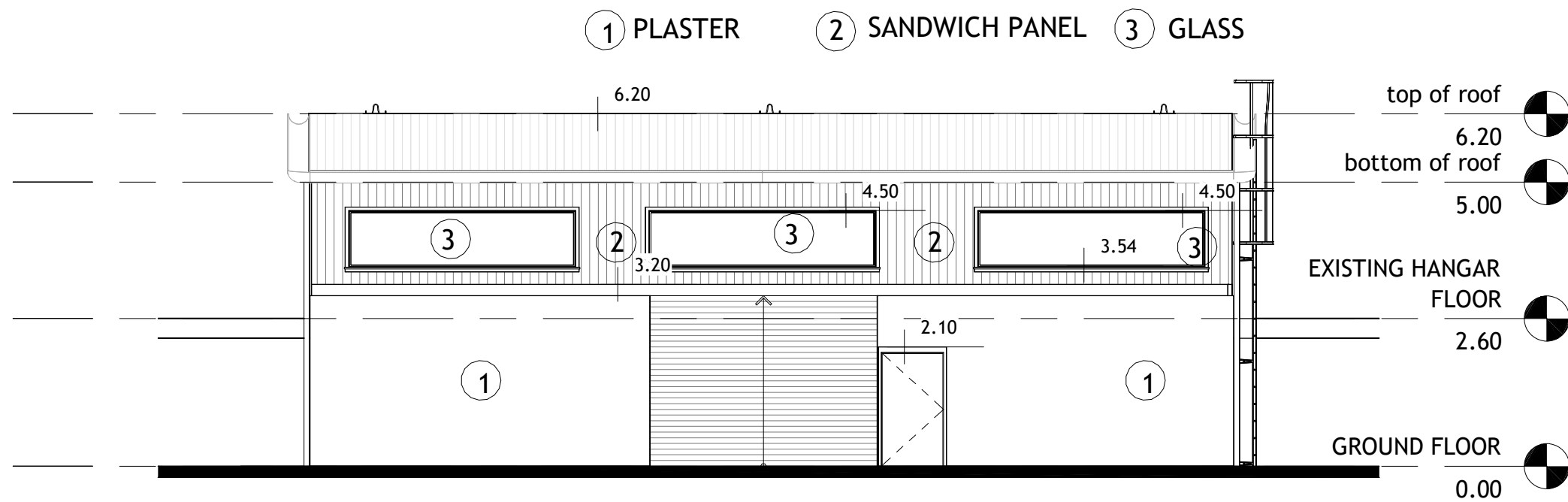
Tel- 0789695422

Door Schedule .			
Type Mark	Height	Width	Count
D1	2.00	1.10	2

Window Schedule .			
Type Mark	Height	Width	Count
W1	1.00	4.00	3

Plot No.	Basin No.	Basin name	The village
268	9	ALASHAAL	LOB

Client Name ALMODON INDUSTRIAL COMPANY Project Name
TABLE OF DOORS & WINDOWS
Project number303
DateIssue Date
Design by :Arch.Jana 218186
Checked by : Arch.Suhail 200097
A106
Scale1:100



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Client Name
الشركة العامة الاردنية للصوامع والتموين المساهمة العامة المحدودة.
Project Name

ELEVATIONS

Project number 303

Date Issue Date

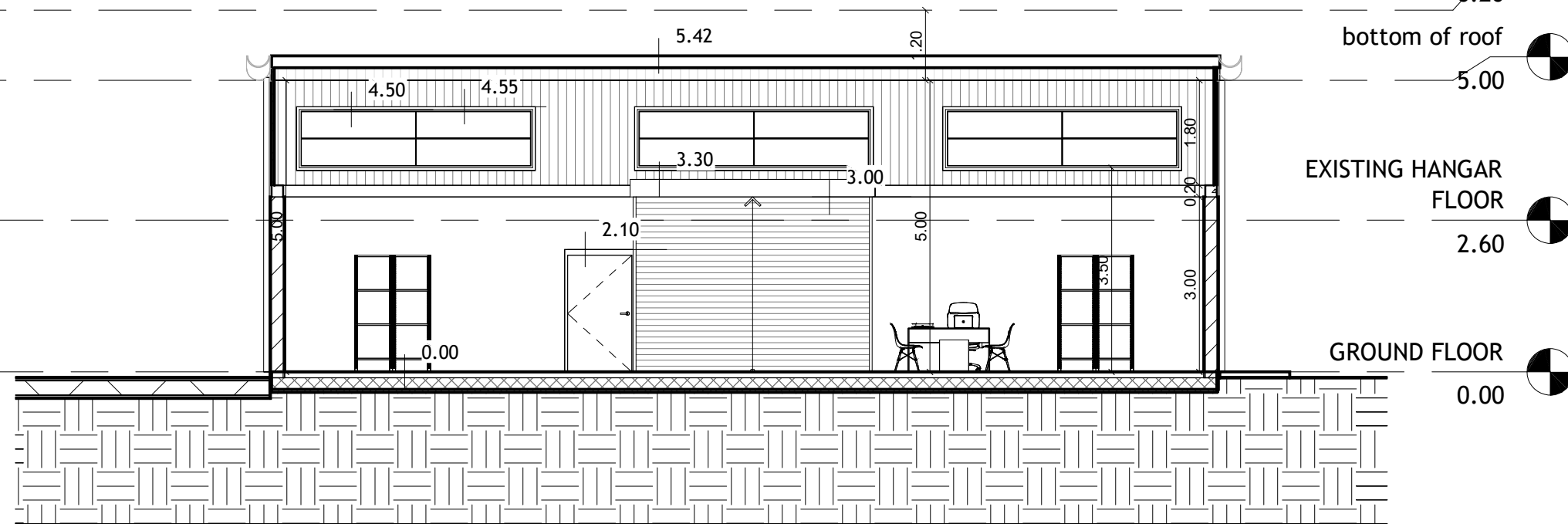
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Checked by : Arch. Suhail 200097

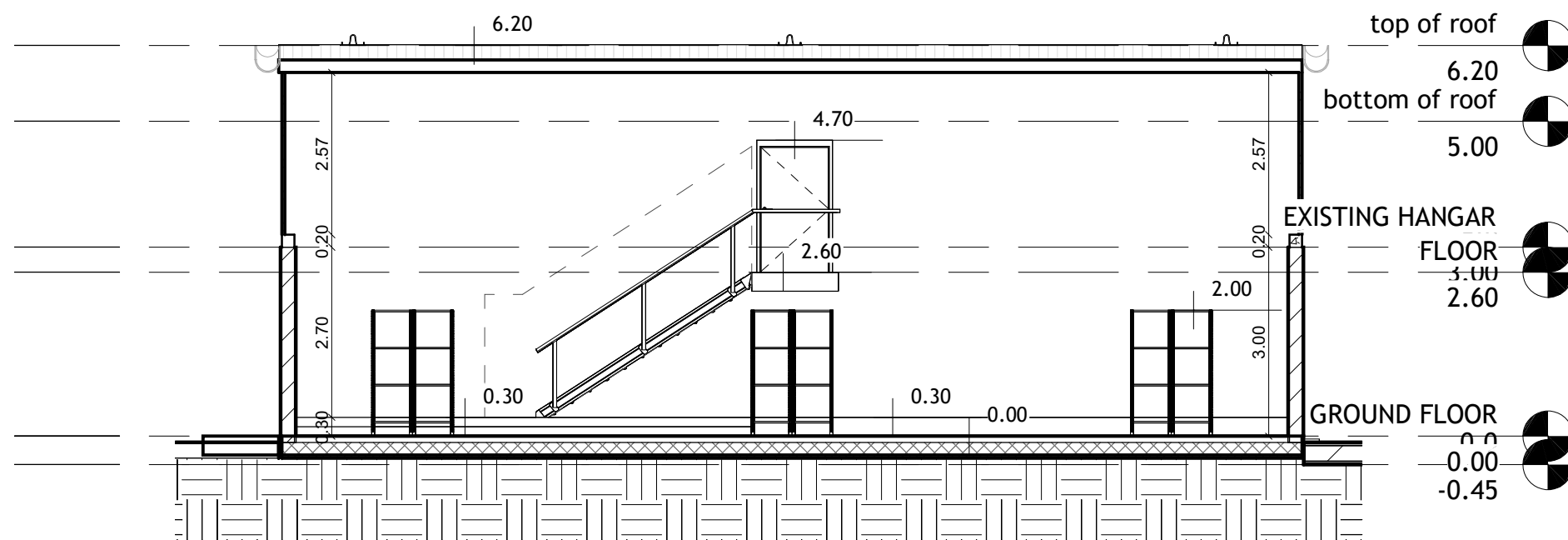
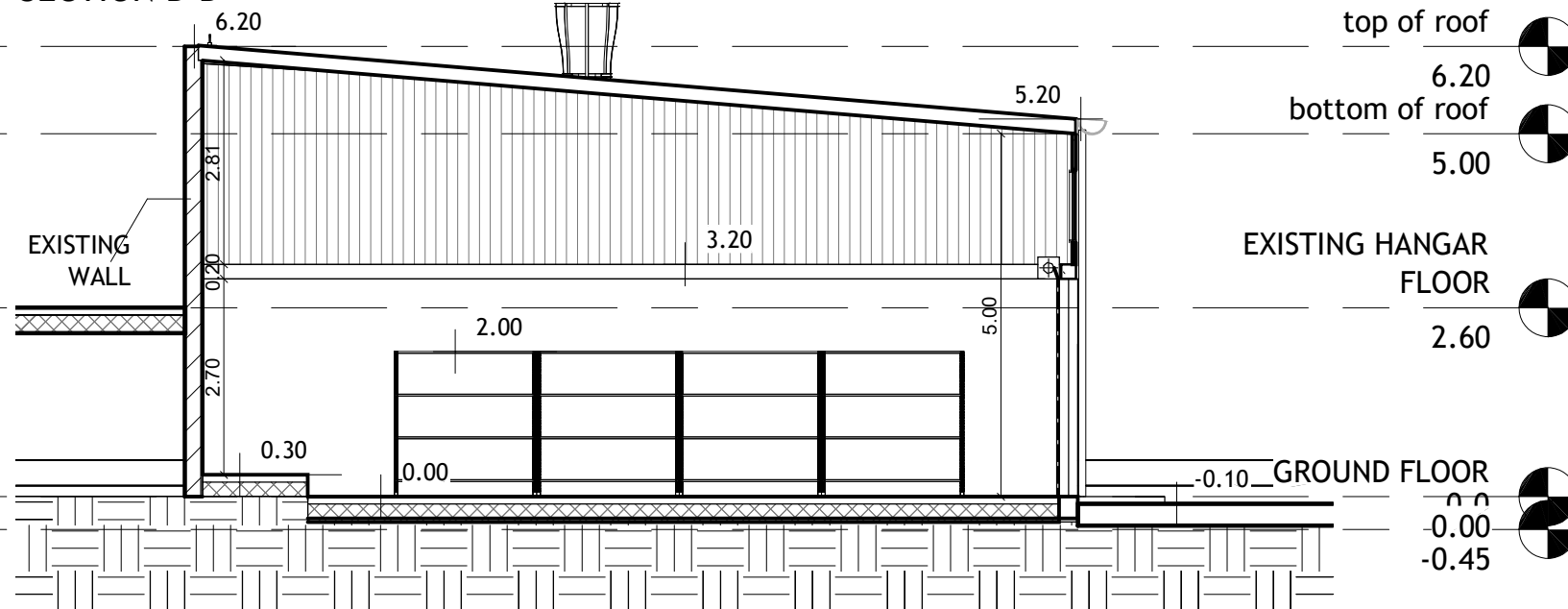
A107

Scale 1:100

SECTION A-A



SECTION B-B



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Plot No.	Basin No.	Basin name	The village

Client Name
الشركة العامة الاردنية للصوامع والتموين المساهمة
العامة المحدودة.

Project Name

SECTIONS

Project number 303

Date Issue Date

Design by : Arch.Shahed 218190

Checked by : Arch.Suhail 200097

A108

Scale 1:100



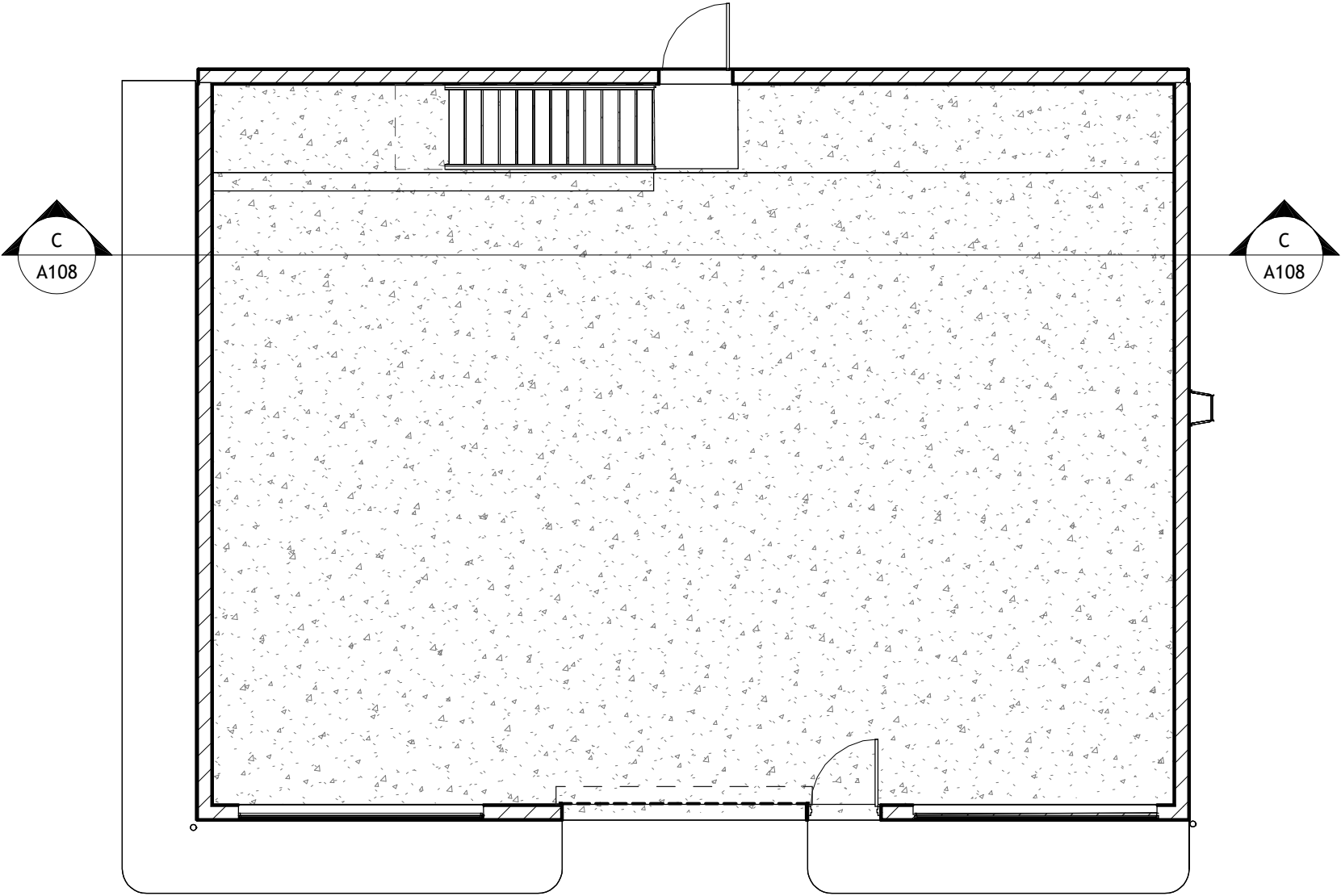
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(2824)

Tel- 0789695422



CONCRETE



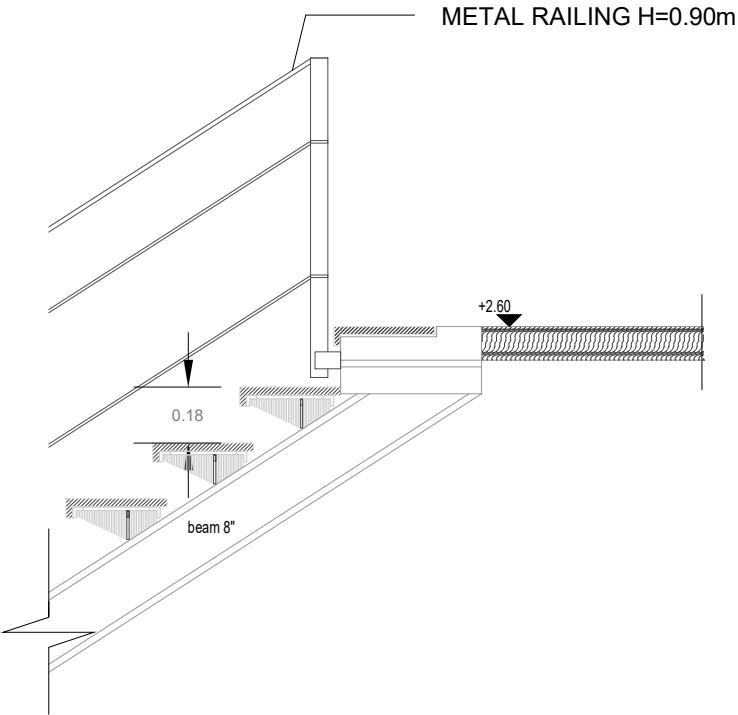
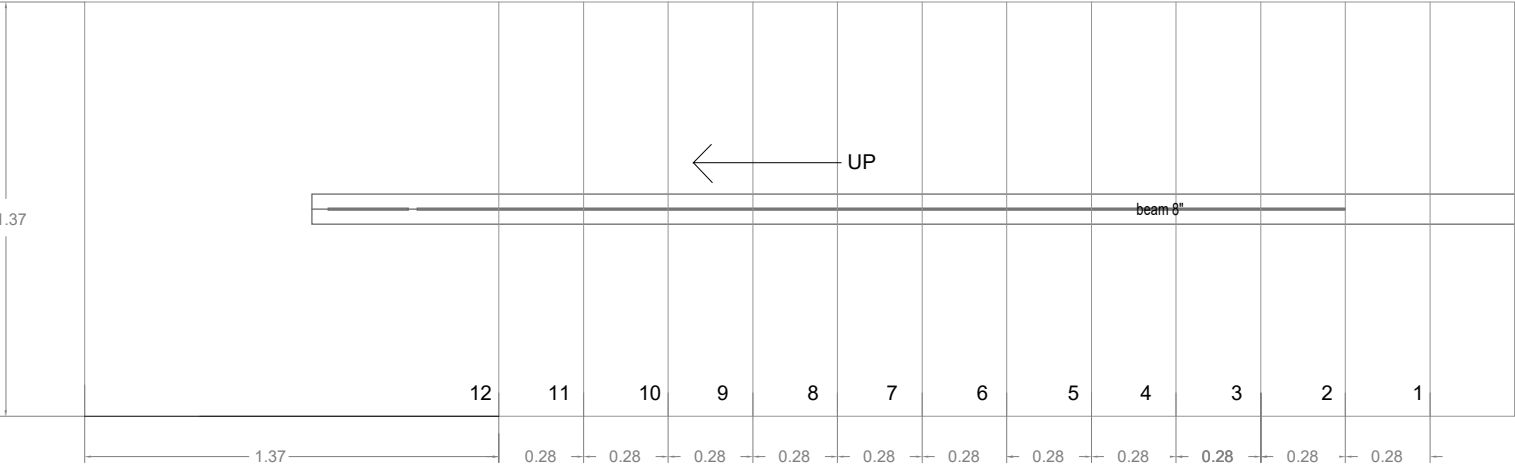
Plot No.	Basin No.	Basin name	The village
268	9	ALASHAAL	LOB

Client Name
ALMODON INDUSTRIAL COMPANY
Project Name

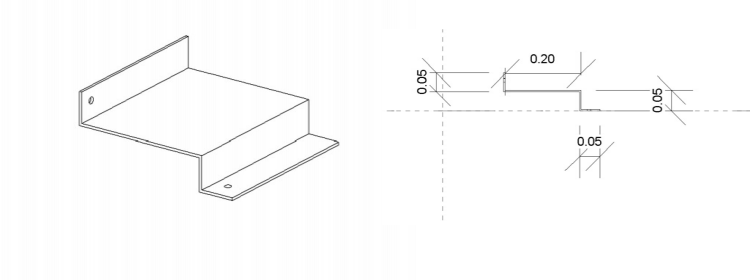
GROUND FLOOR FINISH

Project number	303
Date	Issue Date
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Checked by : Arch.Suhail	200097
A109	
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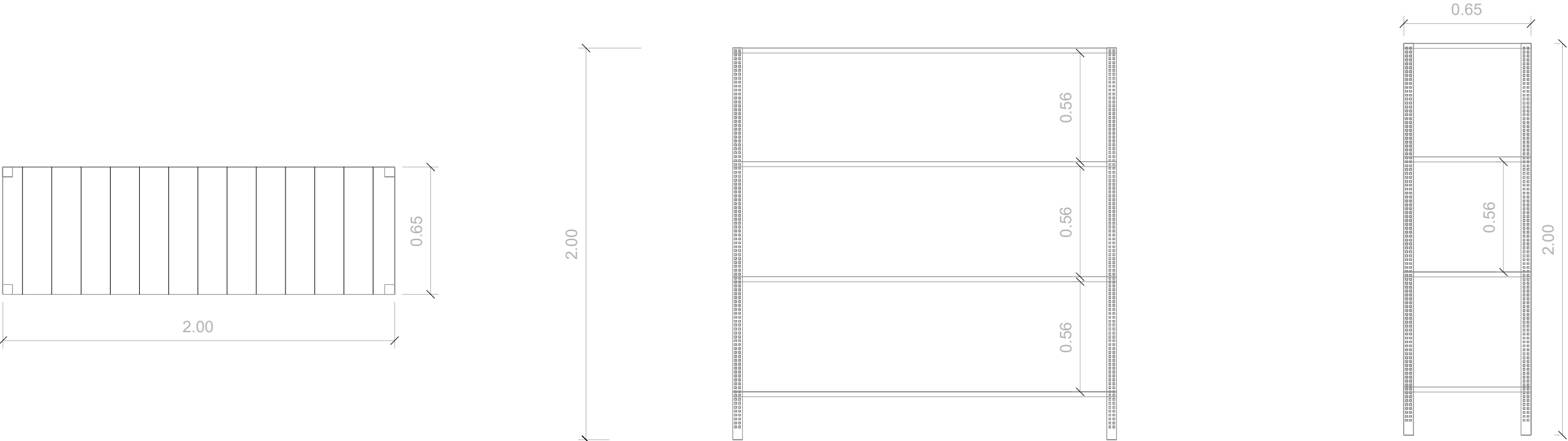
STAIRS DETAILS



DRAIN LINE COVER DETAIL



DIXON SHELVES DETAIL



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Plot No.	Basin No.	Basin name	The village

Client Name الشركة العامة الاردنية للصوامع والتموين المساهمة العامة المحدودة.	
Project Name	
DETAILS 1	
Project number	303
Date	Issue Date
Design by :Arch.Shahed 218190	
Checked by : Arch.Suhail 200097	
A110	
Scale	1 25

COLUMNS SCHEDULE AND DETAILS						
NO. COLUMN	LEVEL	SIZE OF COLUMN	REINFORCEMENT		SECTION & STEEL DETAILS	
			VERTICAL REINFORCEMENT	TIES		
C1	GROUND	NONE	NONE	NONE		HE400B
C2	GROUND	NONE	NONE	NONE		HE220B

CODE OF PRACTICE

- JORDANIAN CODE (JS-1997) AND SPECIFICATIONS.

- CODE OF BASIC DATA FOR THE DESIGN OF BUILDING & CALCULATE WIND LOAD (ASCE07-10 & JORDANIAN CODE)

- AMERICAN INSTITUTE OF STEEL CONSTRUCTION-AISC, LOAD RESISTANCE FACTOR DESIGN -LRFD

A COPY OF LATEST EDITION OF THESE DOCUMENTS SHALL BE KEPT
AT SITE AT ALL TIMES DURING CONSTRUCTION.

DIMENSIONS

4.3 Bolts :

All Dimensions are in centimeters unless noted.

STRUCTURAL DESIGN LOADS:

RESIDENTIAL AREA:

- SUPER IMPOSED DEAD LOADS 0.445 KN/M2

self-weight of steel structure

- LIVE LOAD 0.60KN/M2

- WIND LOADS USING ASCE07-10 "SAP2000"

Maximum WIND SPEED = 35m/s=78.5Mph

Material Properties (Material Used in Steel structure) :

ASTM A36 with yield stress 248MPa for Rolled Steel Section.

ASTM A653(M) with yield stress 275MPa for Cold Form Sections.

EYILED STRENGTH OF STEEL=420MPA

Bearing capacity of the soil at the foundation level = 3.20 kg/cm2.

DEPTH OF FOOTING = 1.00m from the surrounding level.

SLAB LOADS HANKER STEEL ELEVATION1

Super impose Dead Load = 0.445 kN/m2=0.445*8.0=2.87kN/m

SNOW Load = 905-400/320=1.58*0.8=1.284kN/m=1.284*8.00=7.584kN/m

LIVE LOAD =0.60kN/m2...snow load is covern

WINDWARD WALL = +0.48182*8.0=2.95 kN/m

LEEWARD WALL = -0.34606*8.0=-2.07kN/m

UPWARD ROOF = -0.54054*8=-3.243 kN/m

SIDEWARD WALL= -0.44333*8=-2.87 kN/m

- SEISMIC DATA/AS PER ASCE07-10 HANKER STEEL

BUILDING FRAME SYSTEM	ADMINISTRATION BUILDING
STEEL BUCKLING RESTRAINED BRACED FRAME	
DUCTILE (R)	NONE
Fa,Fv SOIL TYPE	NONE
OVERSTRENGTH FACTOR	NONE
SEISMIC COEFFICIENT	NONE
SEISMIC COEFFICIENT	NONE
IMPORTANCE FACTOR	NONE
AMPLIFICATION FACTOR	NONE

DESIGN AND DETAILING CODES SHALL BE ACCORDING TO:

- JCRC - 2022 : JORDAN CODE FOR NORMAL AND REINFORCED CONCRETE./ACI(318-14)

- JCLF - 06 : JORDAN CODE FOR LOADS AND FORCES.

- JSC - 2022 : JORDAN SEISMIC CODE./IBC2012+ASCE07-10

- JSC - 2022 : JORDANIAN METAL CODE
- كودة المباني المقاومه لزللازل الجزء الثاني "الباب الثامن"
- التصميم الزلازلي للمنشاءات الفولاذيه
- كودة الانشاءات الفولاذيه من كودة البناء الوطني



VANZUELLA

Vanzulla Company For Consulting
Engineering Designs
(2824)
Tel -0789695422

Plot No	Basin No	Basin name	The village

Client Name

الشركة العامة الأردنية للصوامع والتموين المساهمة العامة المحدودة.

Project Name

GENERAL DETAILS

Project number

303

Date

Issue Date

Design by :

Najih Kanaan
101135

Checked by :

Najih Kanaan
101135

S01

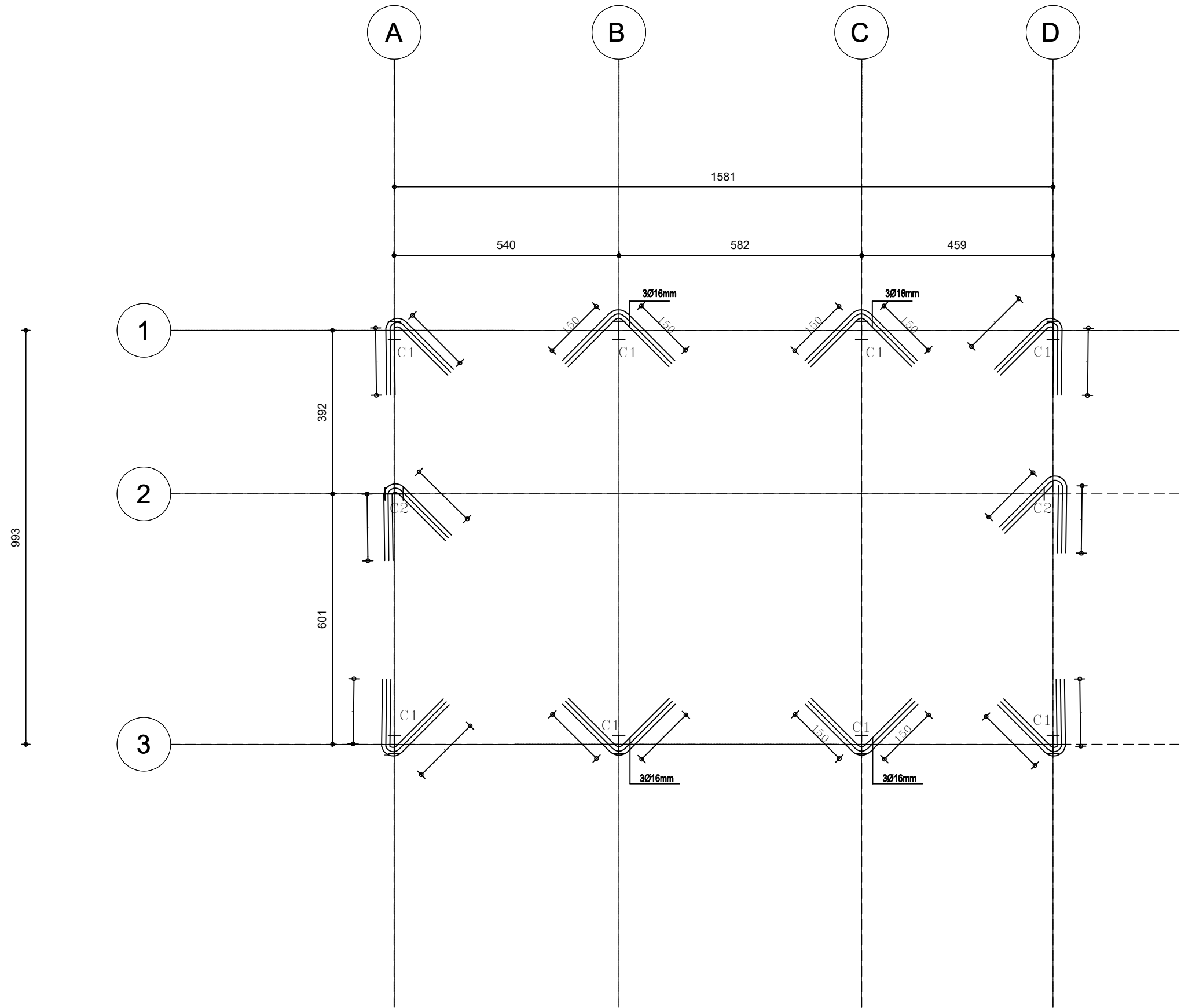
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COLUMNS AXISES LAYOUT

Plot No	Basin No	Basin name	The village

Client Name
الشركة العامة الأردنية للصوامع والتموين المساهمة
العامة المحدودة.
Project Name

COLUMNS AXISES LAYOUT

Project number 303

Date Issue Date

Design by : Najih Kanaan
101135

Checked by : Najih Kanaan
101135

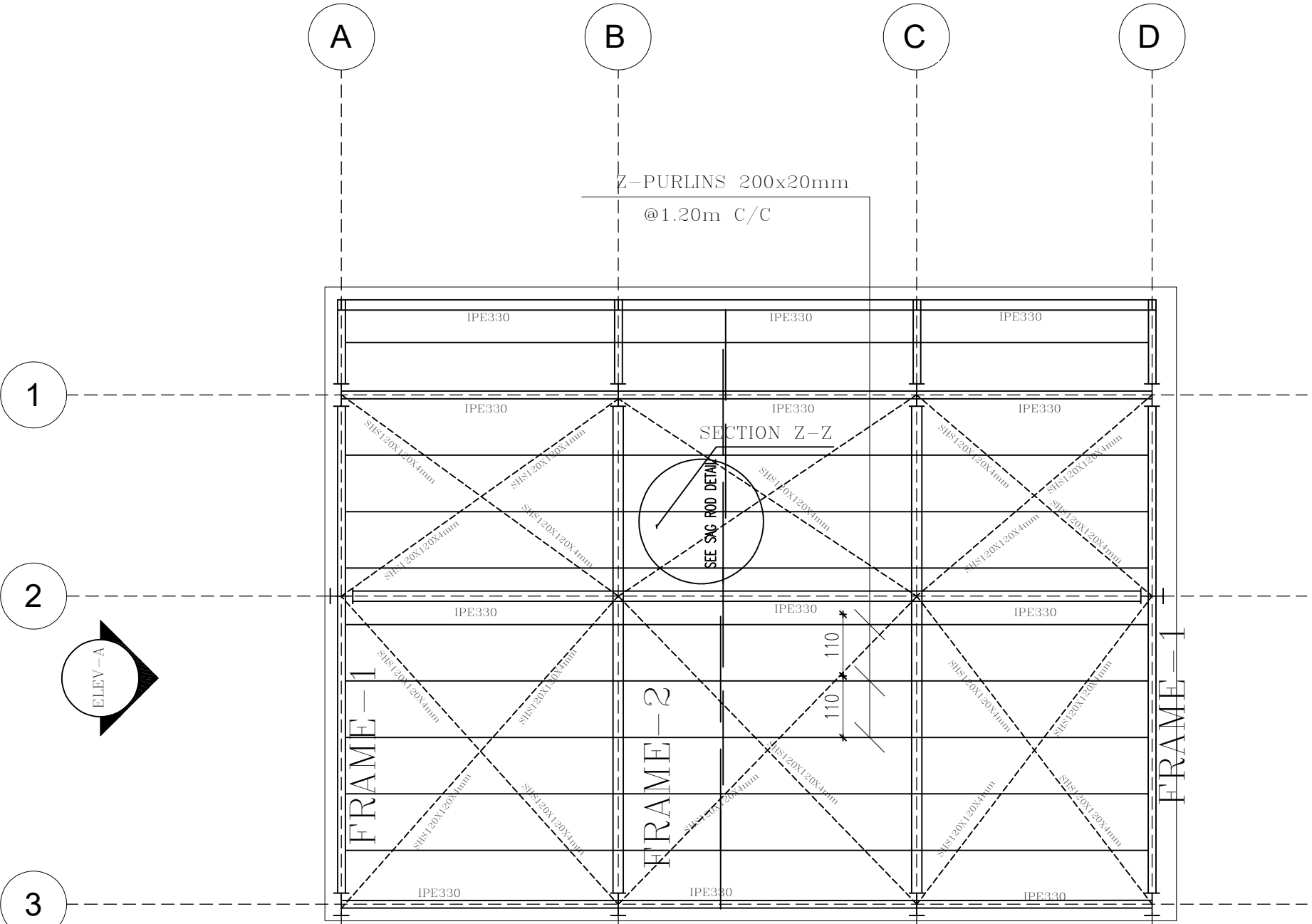
S02

Scale 1:100



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Engineering Designs
(2824)
Tel -0789695422



HANKER STEEL PLAN

Plot No	Basin No	Basin name	The village

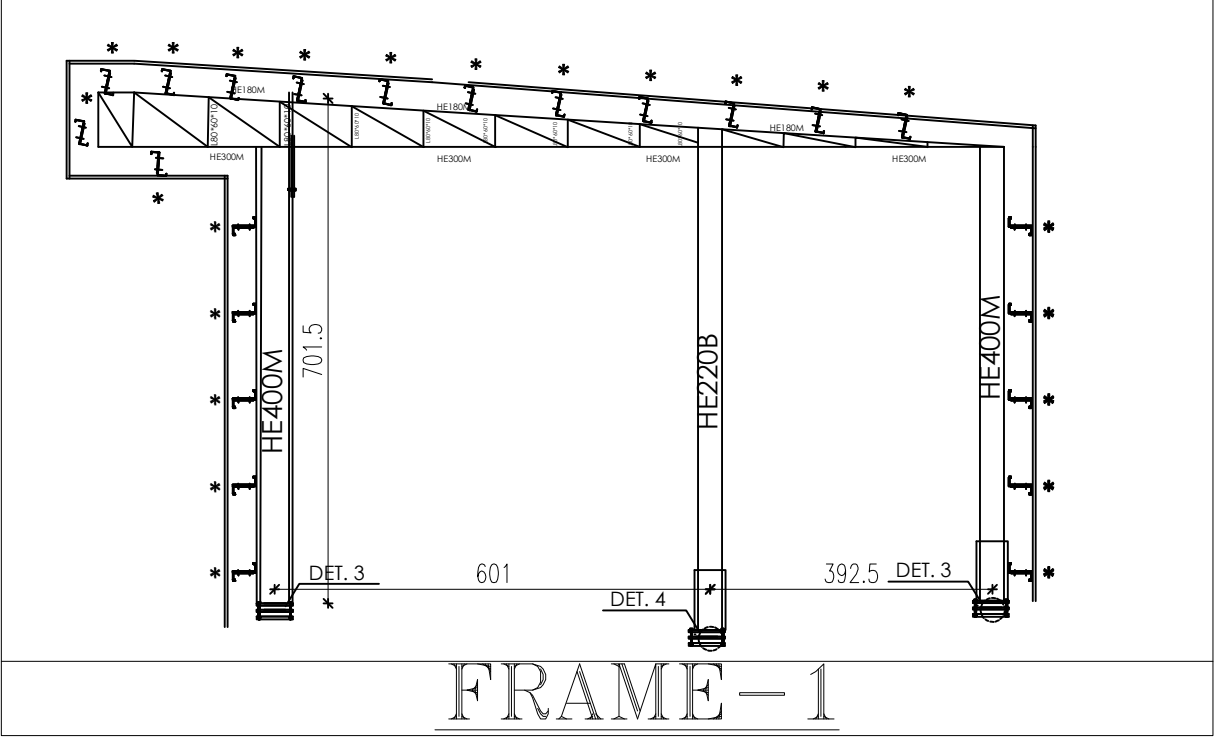
Client Name
الشركة العامة الأردنية للصوامع والتموين المساهمة
العامة المحدودة.
Project Name

HANKER STEEL LAYOUT

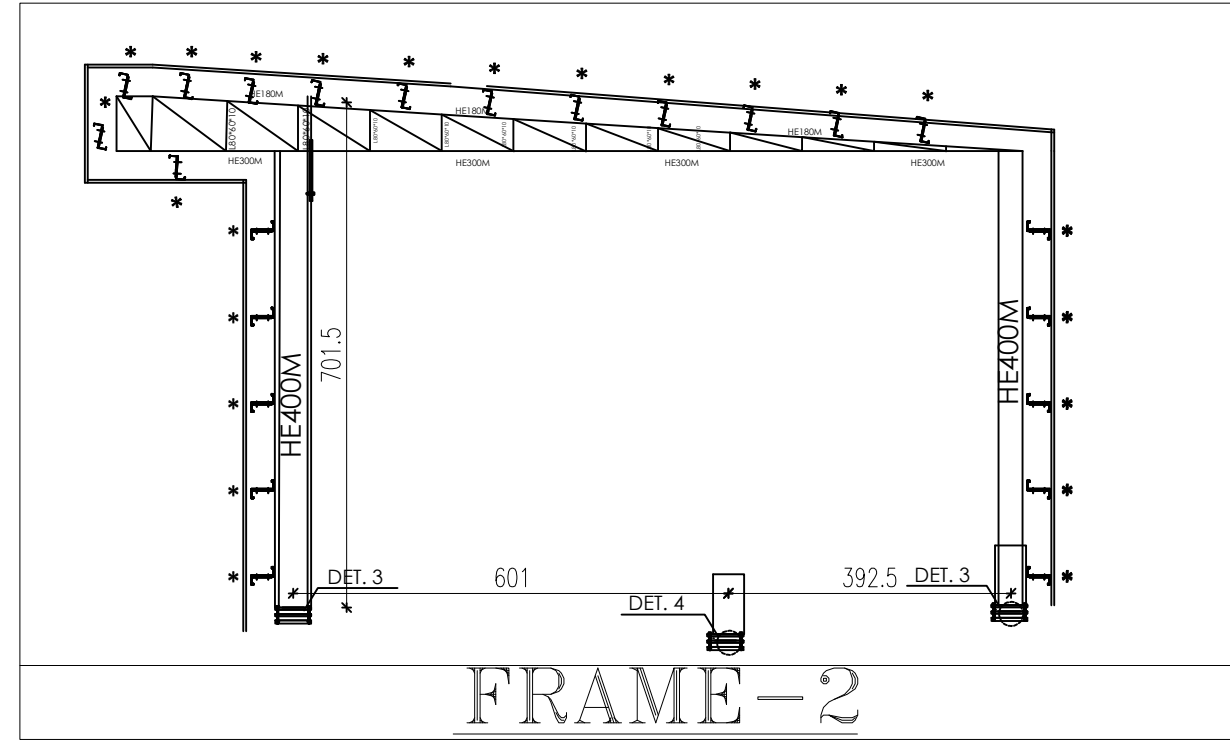
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Date	Issue Date
Design by :	Najih Kanaan 101135
Checked by :	Najih Kanaan 101135

S03

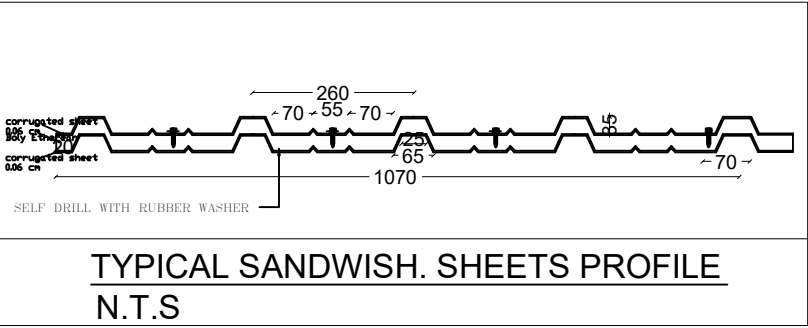
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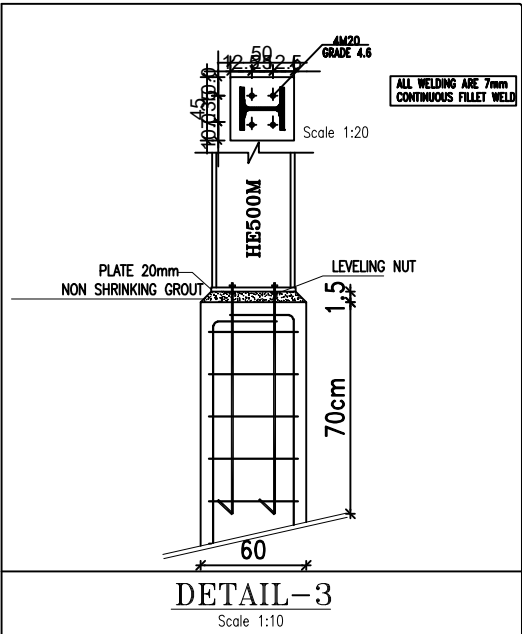
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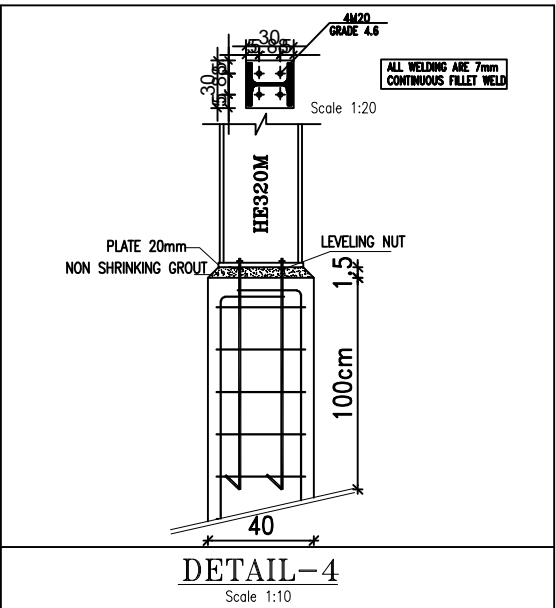
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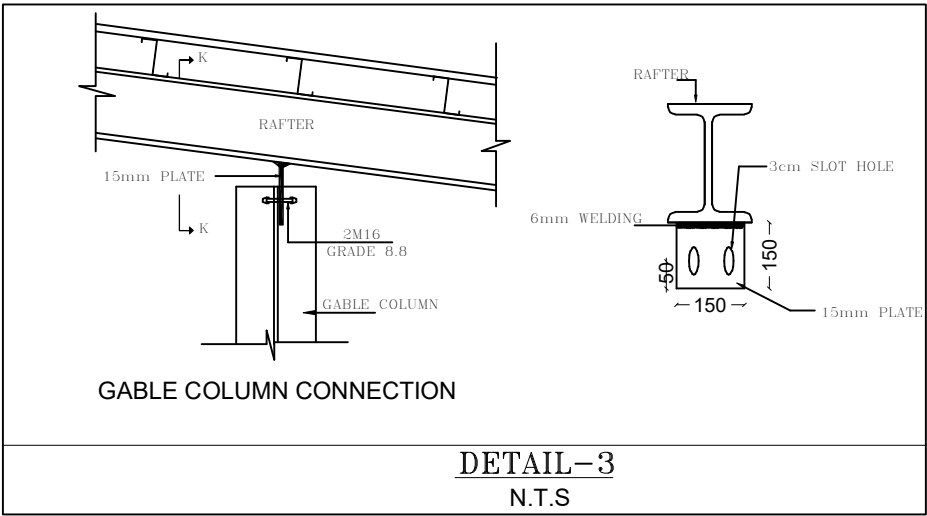
TYPICAL SANDWICH. SHEETS PROFILE
N.T.S



DETAIL-3
Scale 1:10



DETAIL-4
Scale 1:10



DETAIL-3
N.T.S



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Engineering Designs
(2824)
Tel -0789695422

Plot No	Basin No	Basin name	The village

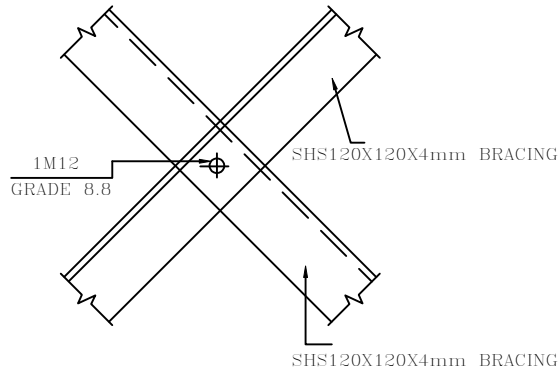
Client Name
الشركة العامة الأردنية للصوامع والتموين المساهمة
العامة المحدودة.
Project Name

STEEL CONNECTION DETAILS

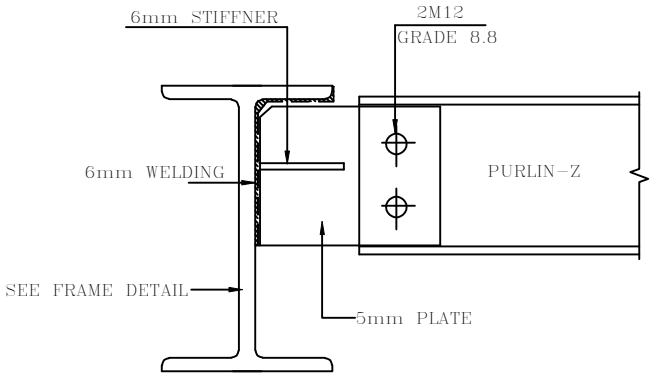
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Date	Issue Date
Design by :	Najih Kanaan 101135
Checked by :	Najih Kanaan 101135

S04

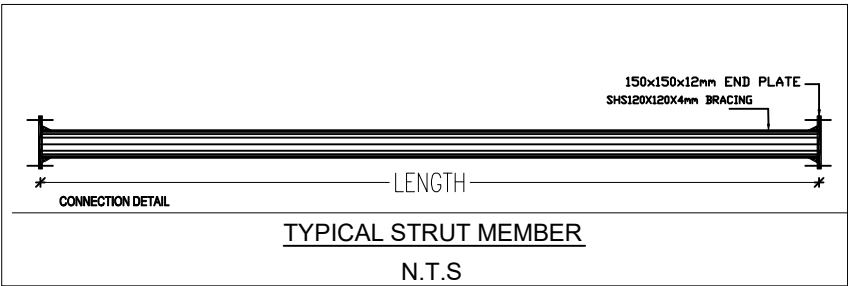
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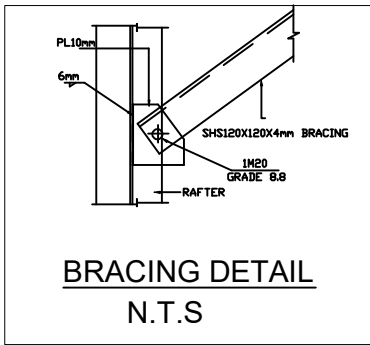
BRACING INTERSECTION DETAILS
N.T.S



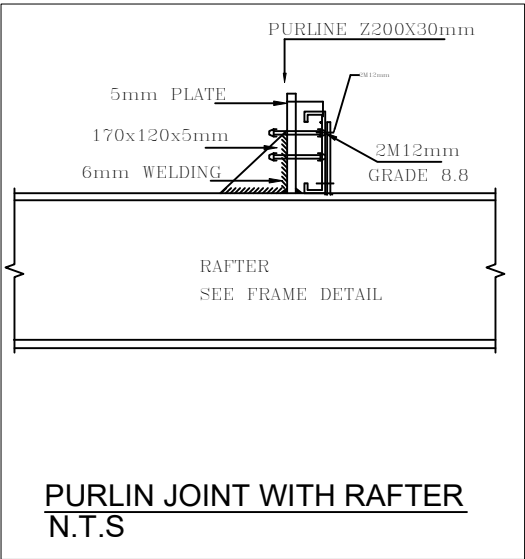
PURLIN JOINT WITH COLUMN
N.T.S



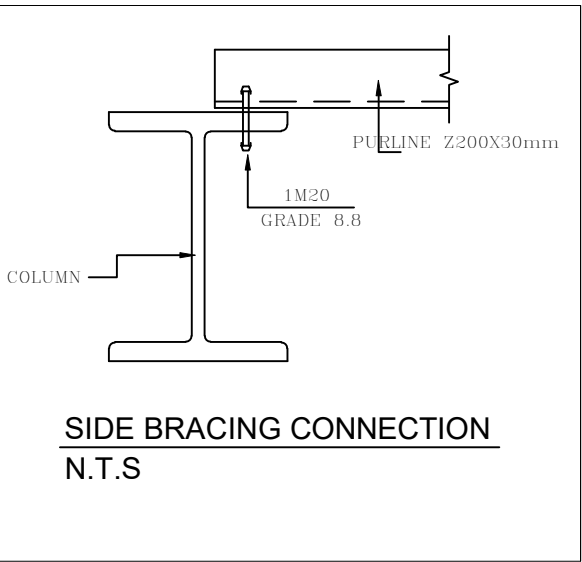
TYPICAL STRUT MEMBER
N.T.S



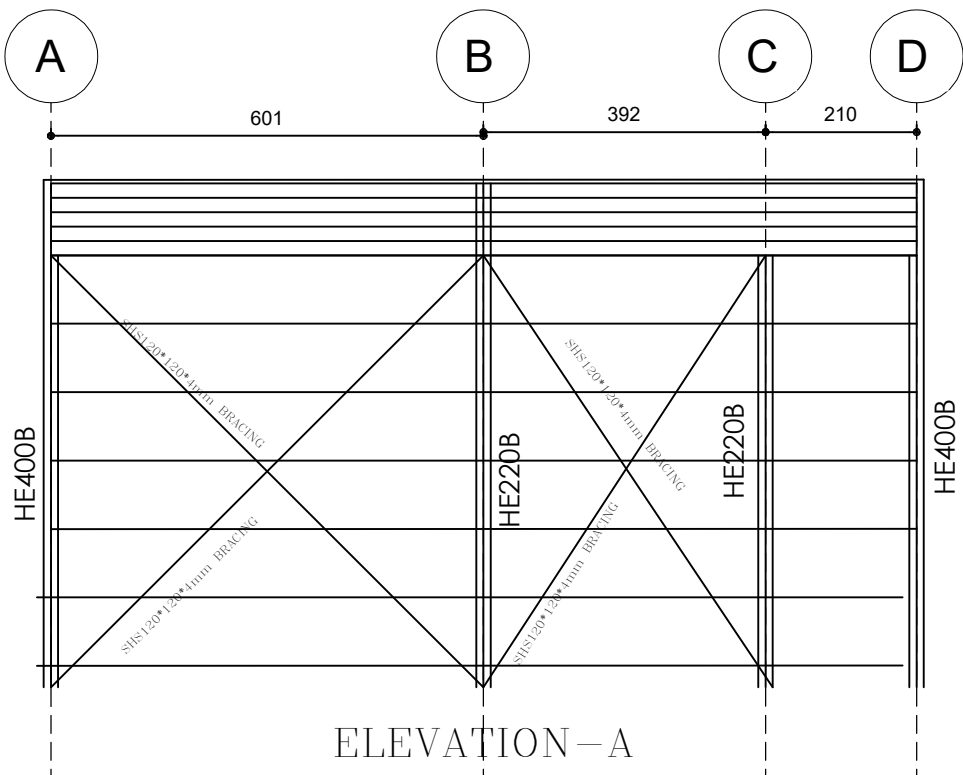
BRACING DETAIL
N.T.S



PURLIN JOINT WITH RAFTER
N.T.S



SIDE BRACING CONNECTION
N.T.S



ELEVATION-A



VANZUELLA

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Engineering Designs
(2824)
Tel -0789695422

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Project Name

STEEL CONNECTION DETAILS

Project number	303
Date	Issue Date
Design by :	Najih Kanaan 101135
Checked by :	Najih Kanaan 101135

S05

Scale	1:100
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ELEC. SYMBOLS POWER Schedule

SYMBOL	DESCRIPTION
D.B.	FINAL DISTRIBUTION BOARD (DB)
S.M.D.B.	SUB Main Distribution Board.
M.T.C	Main Telephone Terminal Box.
T.T.B 10 PAIR	Sub Main Telephone Termenal Box
	BELL (BELL PUSH BUTTON) .
	13A SINGLE PHASE, 3-PIN SOCKET OUTLET,IP-20. AT LEVEL 2.5m.
	16A DOUBLE POLE SWITCH WITH PILOT LAMP, FOR E.W.H
	16A INDUSTRIAL SOCKET, 3-PIN, 230V WITH PLUG & LOCKABLE COVER
	32A INDUSTRIAL SOCKET, 5-PIN, 400V WITH PLUG & LOCKABLE COVER
	10A, ONE GANG -, TWO GANG, THREE GANG ONE WAY SWITCH.
	10A, ONE GANG -, TWO GANG - TWO WAY SWITCH.
	3-POLE, 13Amp. SWITCHED SOCKET OUTLET, WITH PILOT LIGHT.
	3-POLE, 16Amp. SWITCHED SOCKET OUTLET
	2- GANG, 3-POLE, 13Amp. SWITCHED SOCKET OUTLET, WITH PILOT LIGHT.
	TELEPHONE SOCKET OUTLET (RJ11).
	T.V. AND SATELLITE SYSTEM SOCKET OUTLET
	ELECTRIC WATER HEATER (SEE MECH. DWG. FOR DET. & SPECIFICATION).
	SPN, ISOLATING SWITCH, IP-65 (FOR RATING REFER TO DRAWINGS).
	TPN, ISOLATING SWITCH, IP-65 (FOR RATING REFER TO DRAWINGS).

SYMBOL	DESCRIPTION
	72W SURFACE MOUNTED LED LIGHTING FIXTURE BUTTIN TYPE ,IP20 Light Efficiency=6500LM,Input voltage:85~265V AC Dimension: 600*1200*9mm
	40W SURFACE MOUNTED LED LIGHTING FIXTURE BUTTIN TYPE ,IP20 Light Efficiency=4000LM,Input voltage:85~265V AC Dimension:300*1200*9mm
	72W SURFACE MOUNTED LED LIGHTING FIXTURE BUTTIN TYPE ,IP20 Light Efficiency=6500LM,Input voltage:85~265V AC Dimension: 600*1200*9mm
	72W SURFACE MOUNTED LED LIGHTING FIXTURE WITH OPAL DIFFUSER ,IP20 Light Efficiency=6500LM,Input voltage:85~265V AC Dimension: 600*1200*9mm
	36W SURFACE MOUNTED LED LIGHTING FIXTURE WITH LOUVER ,IP20 Light Efficiency=3600LM,Input voltage:85~265V AC Dimension:600*600mm
	LED LIGHTING FIXTURE 7W WALL MOMNTED ABOVE SINK MIRROR PLY OPAL GLASS WHITE DIE CAST ALUMINUM FILTER , IP44
	SURFACE MOUNTED ROUND SHAPE LED SPOT LIGHT 18W Light Efficiency=1440LM, Input voltage:85~265V AC Dimension: ø225x20mm IP30
	SURFACE MOUNTED ROUND SHAPE LED SPOT LIGHT 24W Light Efficiency=1920LM, Input voltage:85~265V AC Dimension: ø300x20mm, IP30
	P65, surface mounted light,round ceiling led 15 watt for bathroom light Lamp Luminous Flux(lm):1100 LM IP Rating: IP65 waterproof Dimension: ø200x20mm
	SPECIAL PRODUCTS 72W POLICARBONATE BODY WATER ROOF LED LIGHTING FIXTURE IP 65
	High Bay Lights LED Light Source: Lamp Power(W): 100 Lamp Luminous Flux(lm): 15000 IP Rating: IP65
	led street light 100W with aluminium alloy led street light housing
	Wall mounted led light fixture ip54, with 30w. lamp, & decorative black aluminium arm with base.
	30W Waterproof LED Floodlight with CE RoHS Approval IP Rating: IP65 Operating Voltage: 110-240V Lumens: 800lm
	1x8W LED SELF CONTAINED LIGHTING FIXTURE WITH BATTERIES FOR 3 HOURS MAIN SUPPLY FAILURE, For Ceiling Or Wall Mounting.
	Ditto,But Non-Maintained Eixt Sing.

Note:-

- * ALL Switches to be fixed at hight 125cm from F.F.L.
unless the switches beside beds at hight 70cm from F.F.L.
- * ALL Socket Outlets to be fixed at hight 35cm from F.F.L.
unless the following outlet
- * Sockets in the Kitchen.
Sockets for general use to be fixed at hight 110cm from F.F.L.
Sockets for Frezer and refrigerator to be fixed at hight 210cm .



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Plot No	Basin No	Basin name	The village

Client Name
الشركة العامة الأردنية للصوامع والتموين المساهمة
العامة المحدودة.
Project Name

SITE PLAN

Project number 303

Date Issue Date

Design by : Shatha Alkarareh
411388

Checked by : Shatha Alkarareh
411388

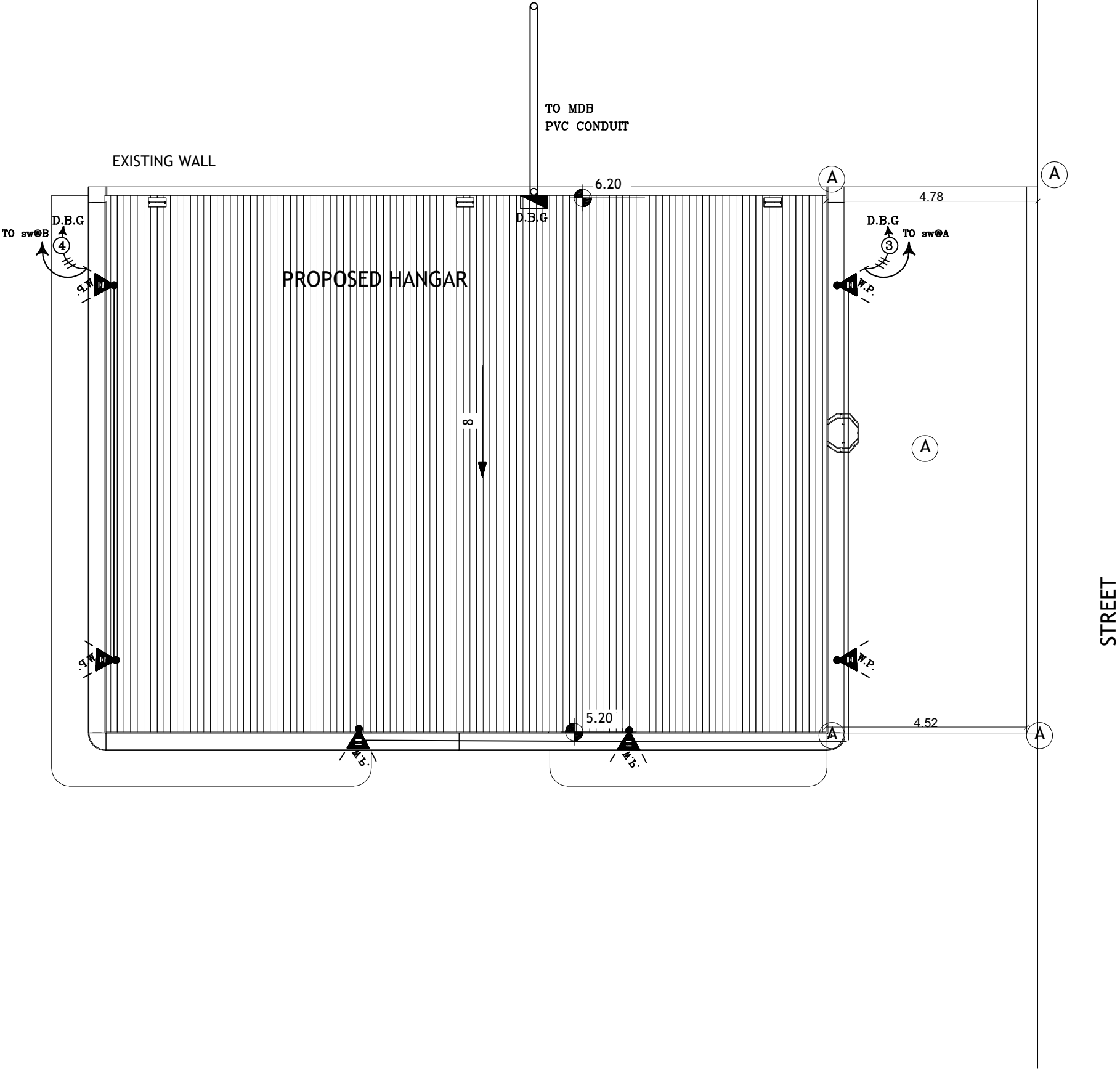
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Plot No	Basin No	Basin name	The village

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Project Name

SITE PLAN

Project number	303
Date	Issue Date
Design by :	Shatha Alkarareh 411388
Checked by :	Shatha Alkarareh 411388

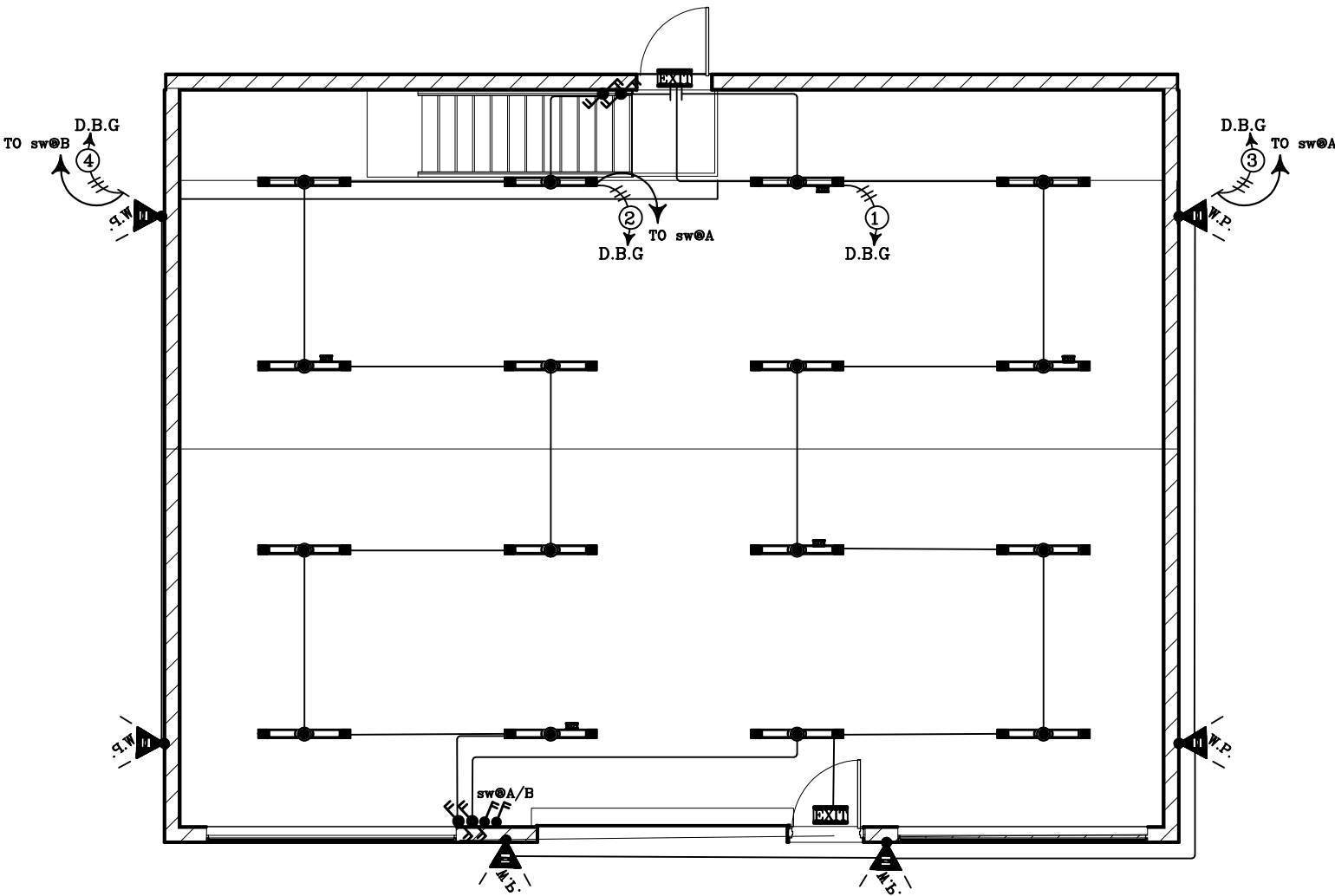
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Plot No	Basin No	Basin name	The village

Client Name
الشركة العامة الأردنية للصوامع والتموين المساهمة
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Project Name

GROUND FLOOR

Project number 303

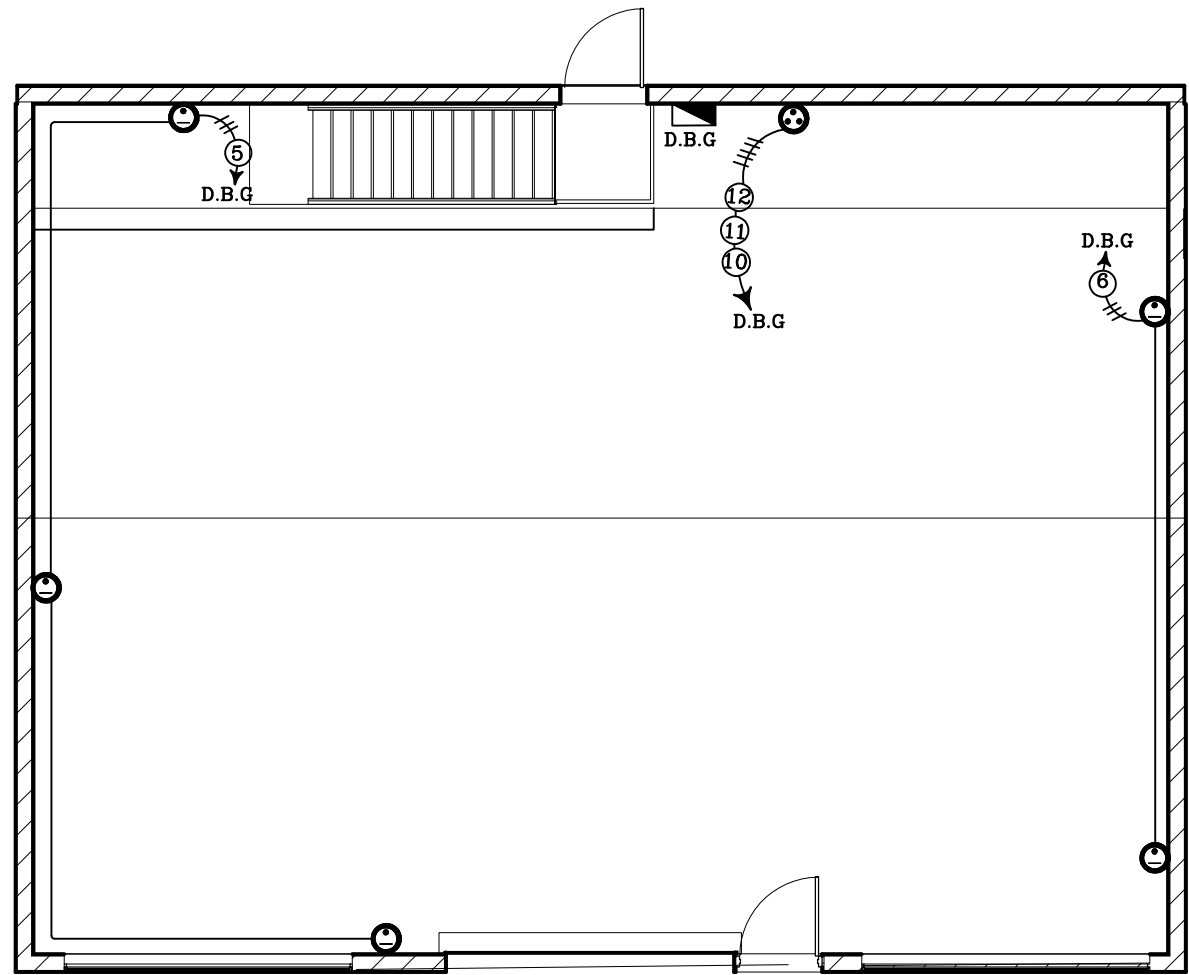
Date Issue Date

Design by : Shatha Alkarareh
411388

Checked by : Shatha Alkarareh
411388

E 3

Scale 1:100



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Project Name

GROUND FLOOR

Project number 303

Date Issue Date

Design by : Shatha Alkarareh
411388

Checked by : Shatha Alkarareh
411388

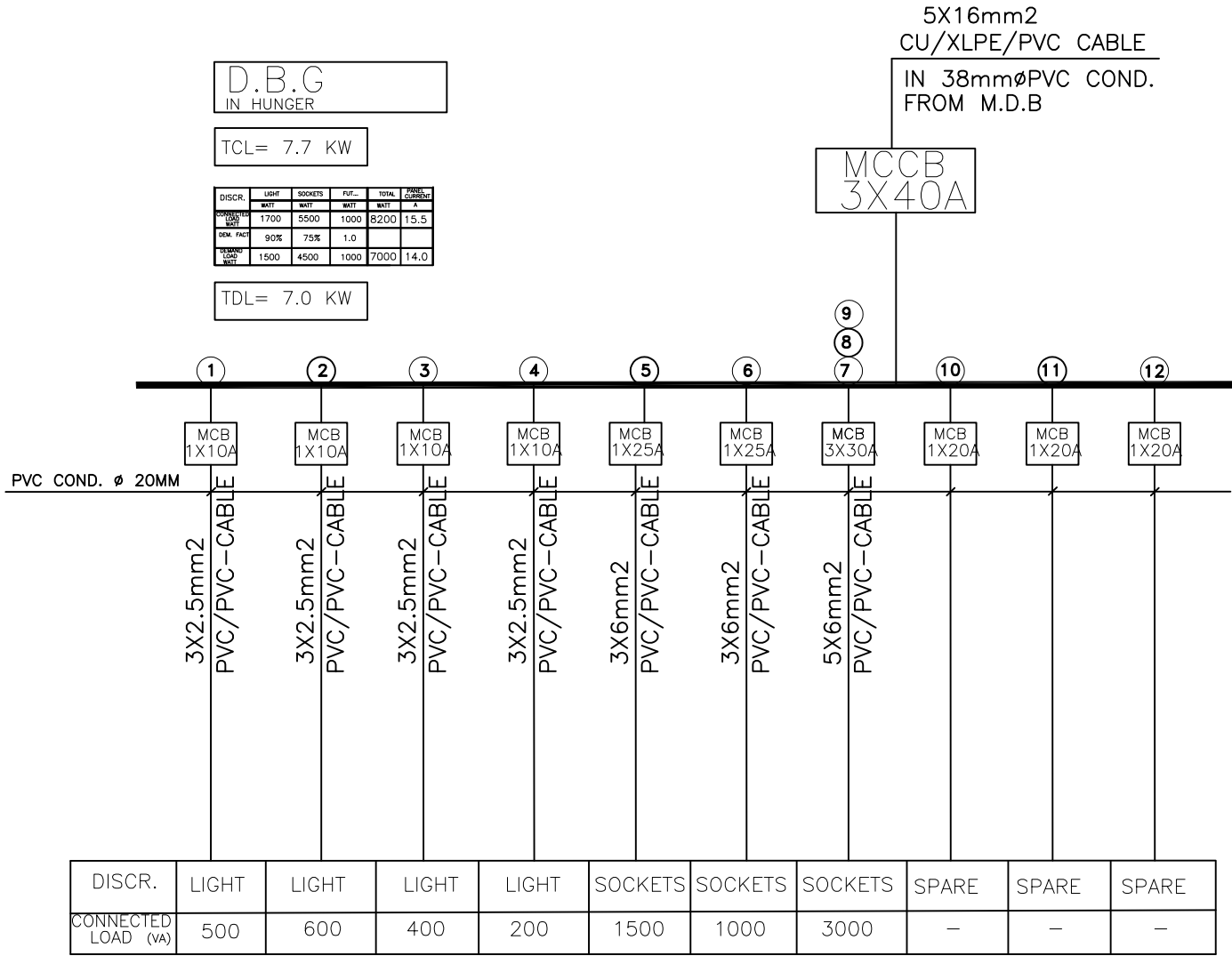
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GROUND FLOOR

Project number303

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Design by : Shatha Alkarareh
411388

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411388

E 5

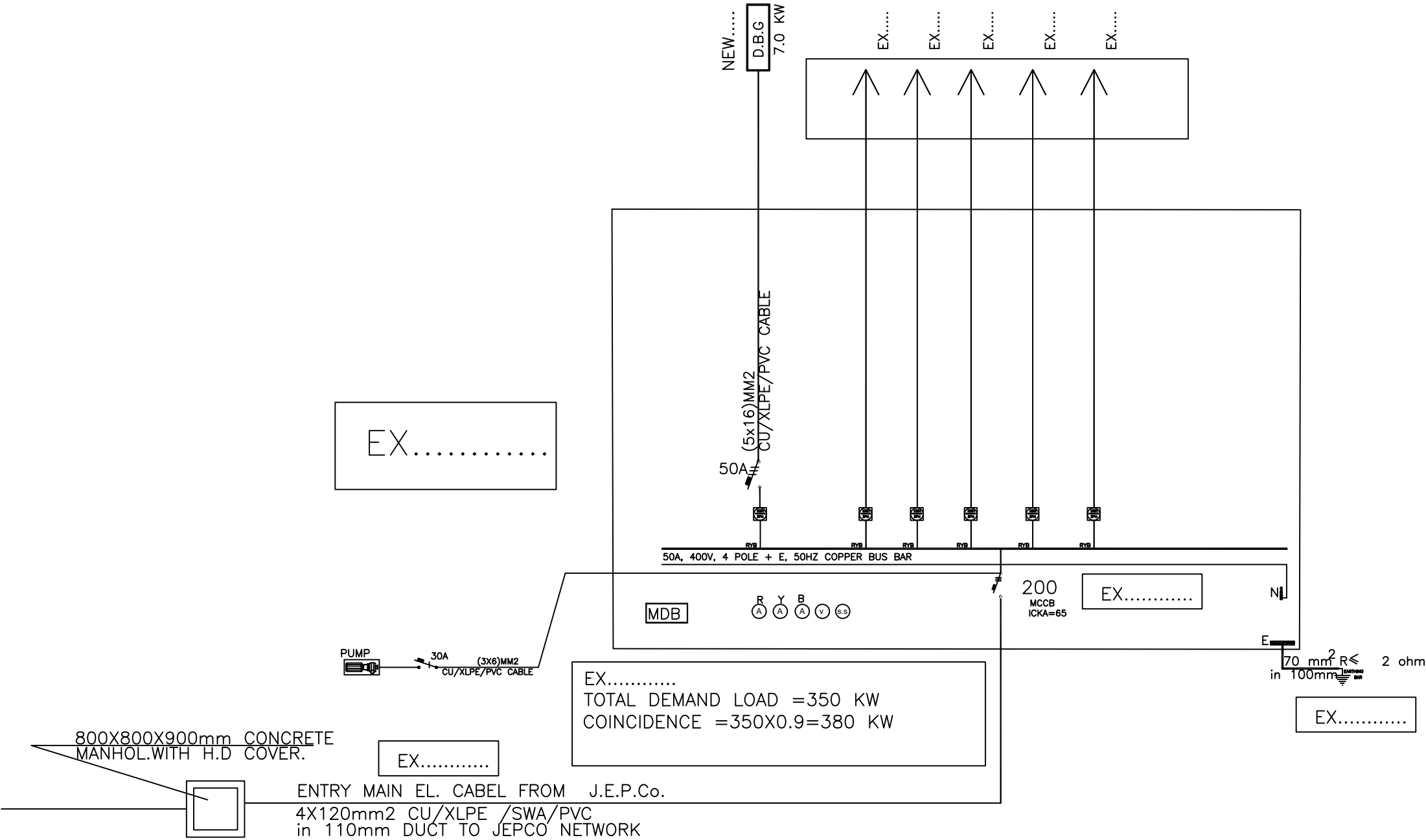
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ROOF FLOOR



GROUND FLOOR

POWER
RISER DIAGRAM

Plot No	Basin No	Basin name	The village

Client Name
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Project Name

GROUND FLOOR

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Date Issue Date

Design by : Shatha Alkarareh
411388

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411388

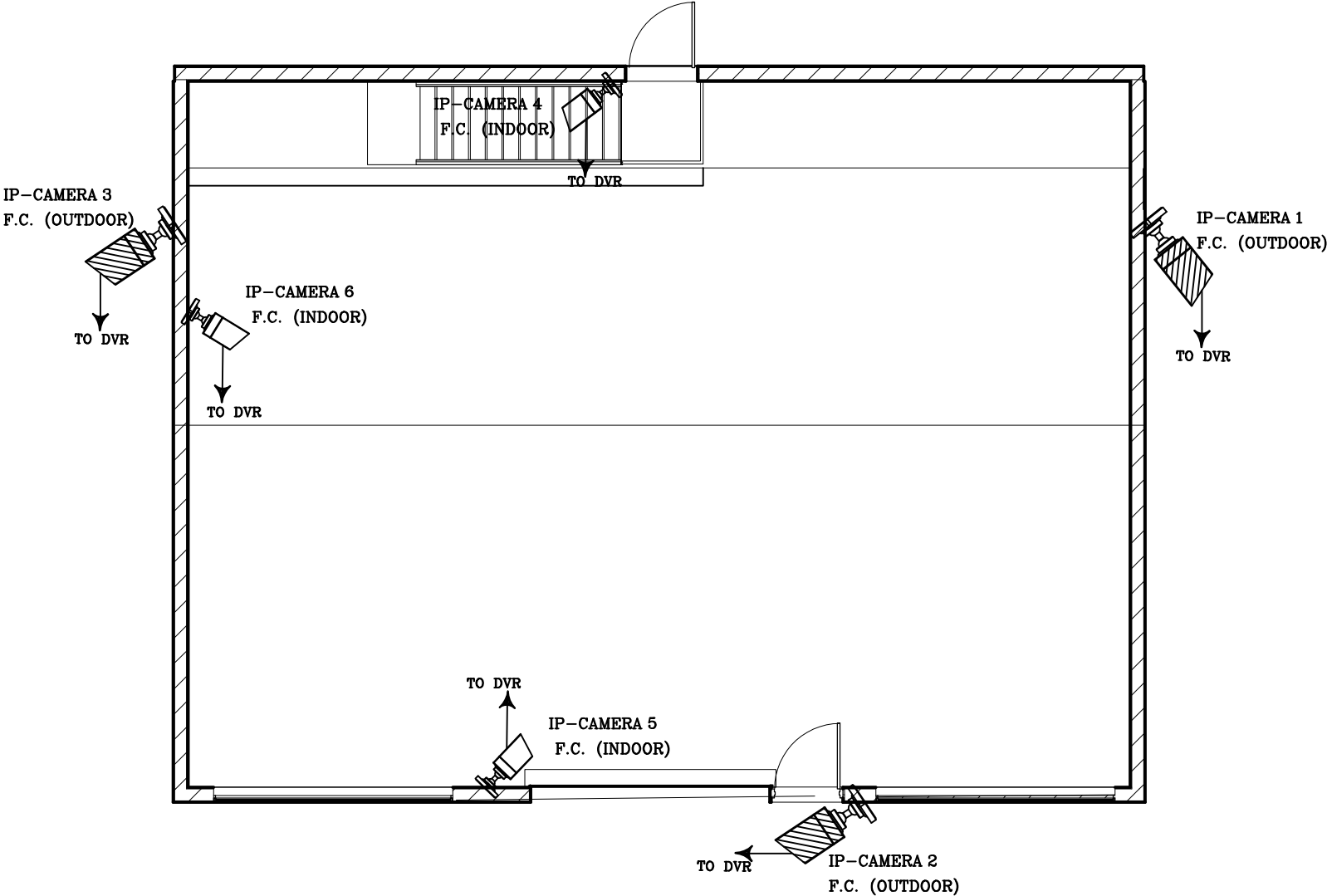
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Project Name

GROUND FLOOR

Project number 303

Date Issue Date

Design by : Shatha Alkarareh
411388

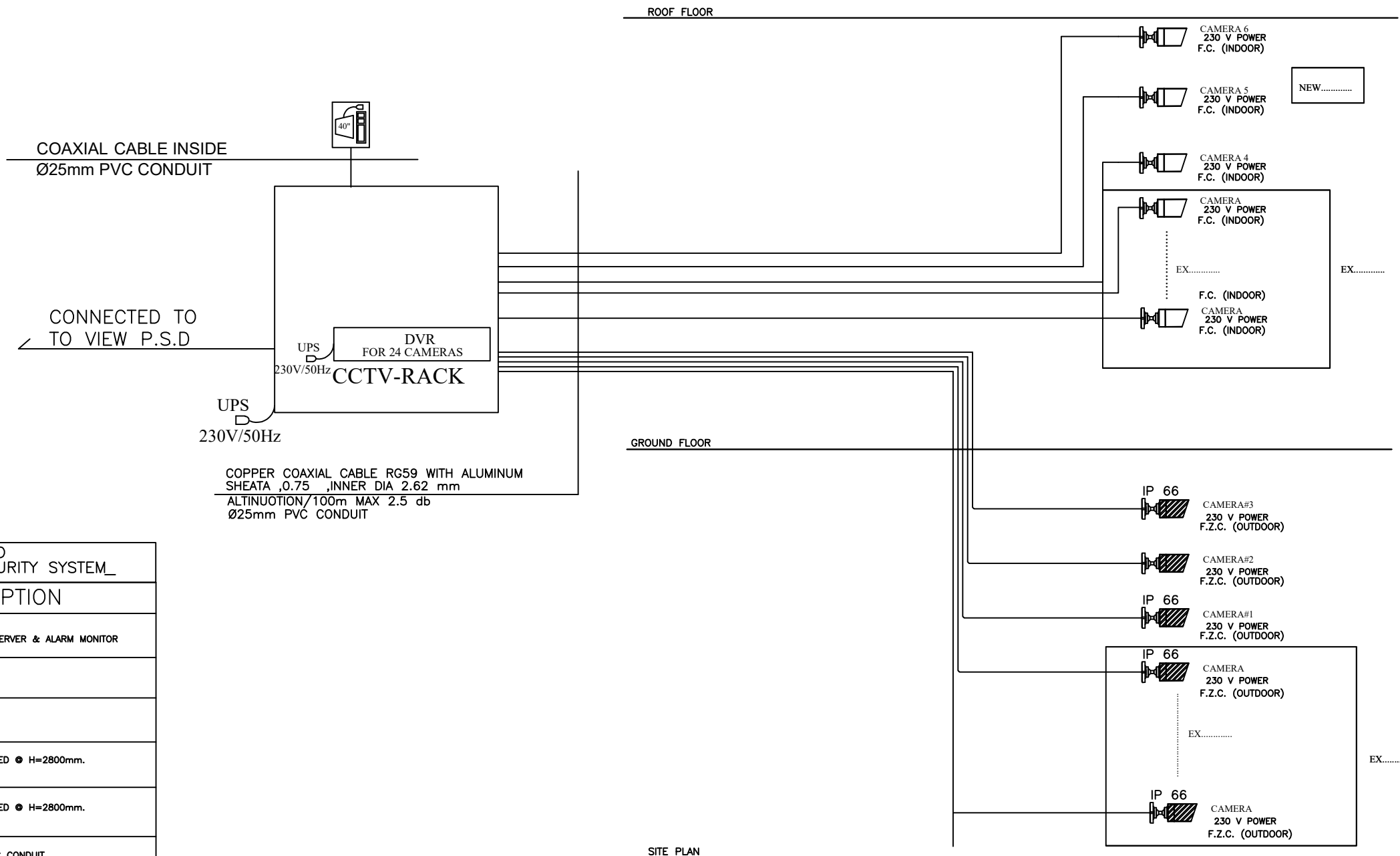
Checked by : Shatha Alkarareh
411388

E 7

Scale 1:100

RESOLUTION CAMERA > 720 p

NOTE : DVR MUST RECORDING NOT LESS THAN 31 DAYS @ 25 FPS



LEGEND	
LOW CURRENT CCTV SECURITY SYSTEM_	
SYMBOL	DESCRIPTION
	CCTV RACK, CCTV MATRIX SWITCHER & VIDEO SERVER & ALARM MONITOR
	DIGITAL VIDEO RECORDER
	MONITOR
	CCTV FIXED CAMERA WALL MOUNTED • H=2800mm. OUTDOOR W.P TYPE IP 66
	CCTV FIXED CAMERA WALL MOUNTED • H=2800mm. INDOOR W.P TYPE
	COAXIAL CABLE INSIDE Ø25mm PVC CONDUIT

NOTE : DVR MUST RECORDING NOT LESS THAN 31 DAYS @ 25 FPS

NOTE : IMAGING SPEED NOT LESS THAN 25 PHOTOS PER SECOND



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GROUND FLOOR

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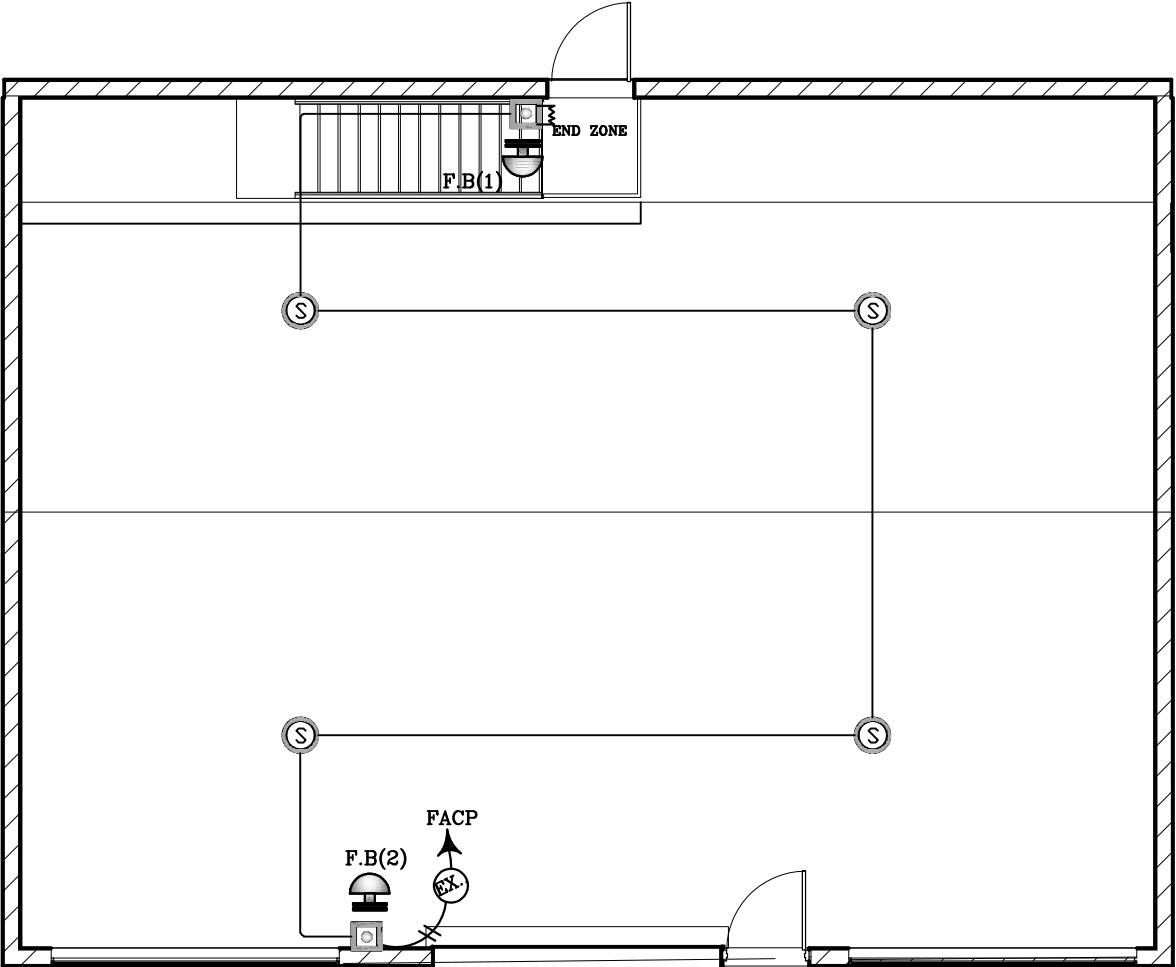
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Design by : Shatha Alkarareh
411388

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411388

E 8

Scale 1:100



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Date Issue Date

Design by : Shatha Alkarareh
411388

Checked by : Shatha Alkarareh
411388

E 9

Scale 1:100

FIRE ALARM LEGEND

SYMBOL	DESCRIPTION
	FIRE ALARM CONTROL PANAL.
	SMOKE DETECTOR
	HEAT DETECTOR.
	OPTICAL DETECTOR
	SMOKE DETECTOR WITH SOUND BASE
	BREAK GLASS CALL AT 140cm AFFL.
	OUTDOOR ALARM FLASHER WITH SIREN
	INDOOR ALARM FLASHER

NOTE :

*The alarm system is Conventional system.

*The consruction height from FFL:

–FACP: 1.65m.

–Break glass: 1.25m.

–Flasher: 2.25m.

*All the wires & cables used in Fire Alarm System, are fire retardant

(resist fire for 30min. at least) in

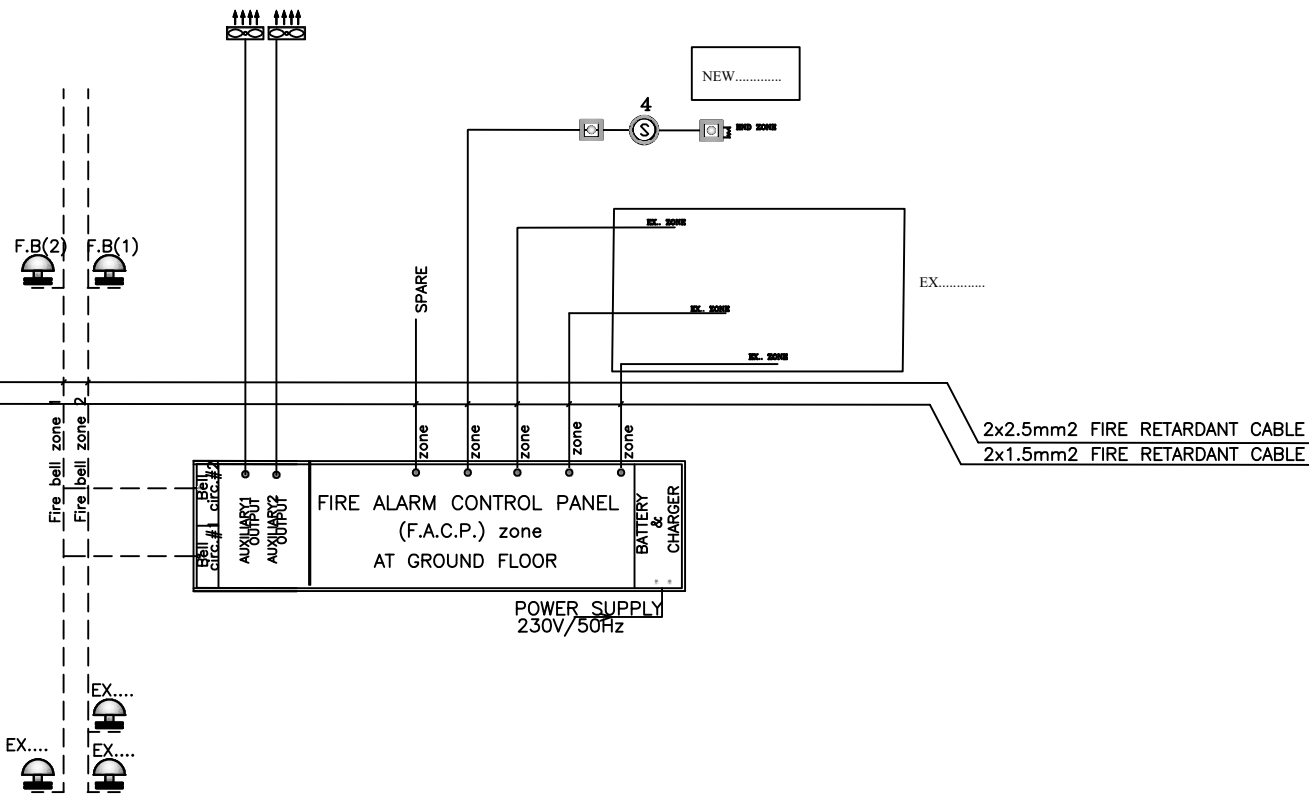
Ø20 PVC conduits, which they are:

–Detector loop:2x1.5 Cu\PVC cable.

–Flasher Bell Circuit: 2x2.5 cable.

*The height above False Ceiling is Less than 80cm and the false ceiling material is fire retardant.

ROOF FLOOR



GROUND FLOOR

CONVENTIONAL FIRE ALARM RISER DIAGRAM



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العامة المحدودة.
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GROUND FLOOR

Project number 303

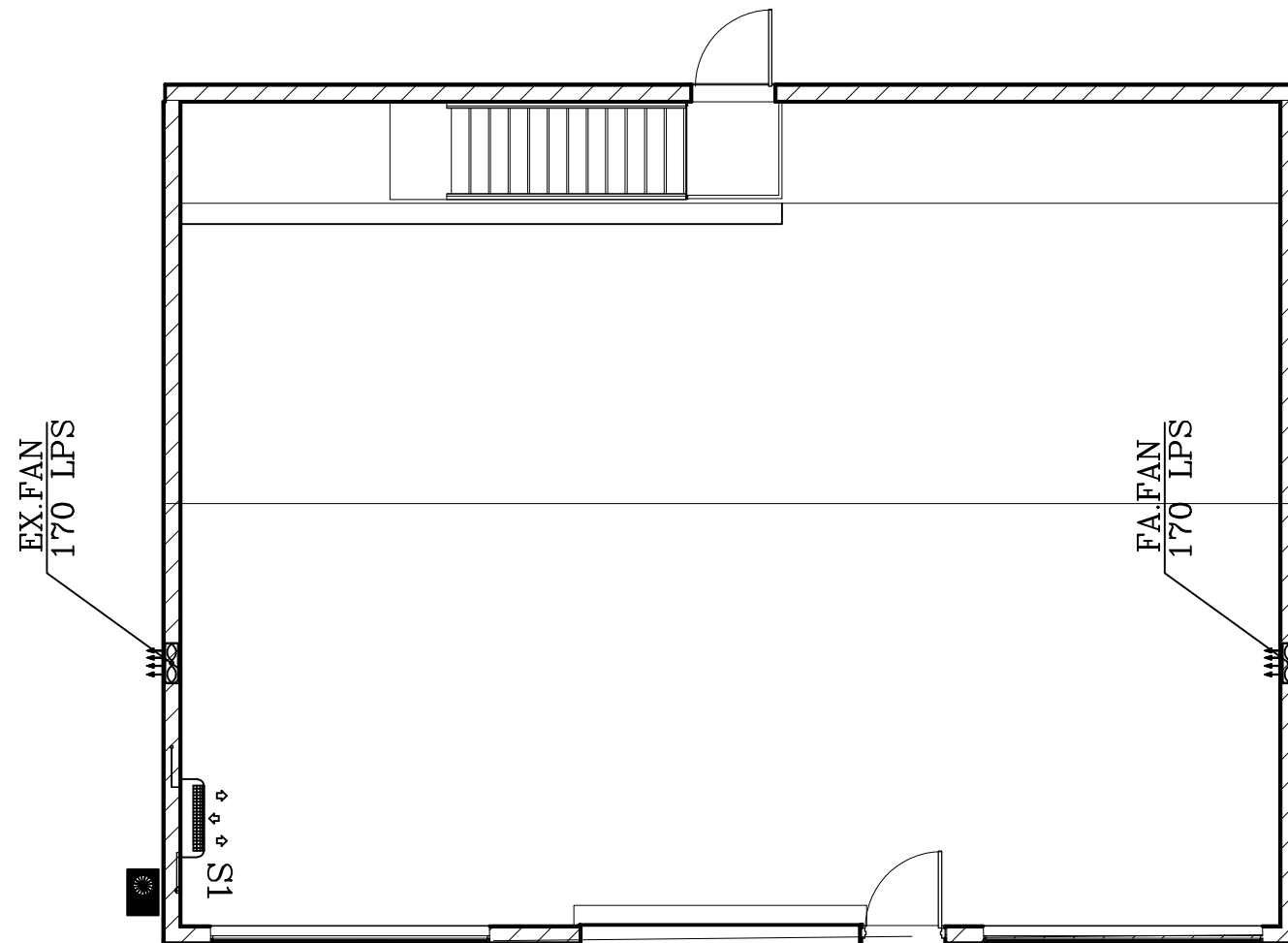
Date Issue Date

Design by : Shatha Alkarareh
411388

Checked by : Shatha Alkarareh
411388

E 10

Scale 1:100



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Client Name
المساهمة والتموين للصوامع الاردنية العامة الشركة
المحدودة العامة.

Project Name

GROUND FLOOR
AC

Project number 303

Date Issue Date

Design by :Azzam Attari 300760

Checked by : Azzam Attari 300760

M 101

Scale 1:100