Vanzuella Company For Consulting Engineering Designs

Architect	Civil Engineer
Arch.Suhil Ajelat	Najih Kanaan
200097	101135

Electrical Engineer	Mechanical Engineer
Shatha Alkarareh	Azzam Attari
411388	300760

Owner Name	الشركة العامة الأردنية للصوامع والتموين		
Site	AMMAN	Date	10.2025
Basin Name–No	1– اقصير السهل	Land Area	28158 m2
Plot Number	234	Regulation	-----

Mobile Number
0799933707

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02	COLUMNS AXISES LAYOUT	05	STEEL CONNECTION DETAILS
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05	POWER FOR MECHANICAL GROUND FLOOR		

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

N
W E
S

Plot No.	Basin No.	Basin name	The village
234	1	اقصير السهل	ALJWAIDEH

Client Name

الشركة العامة الأردنية للصوامع والتموين

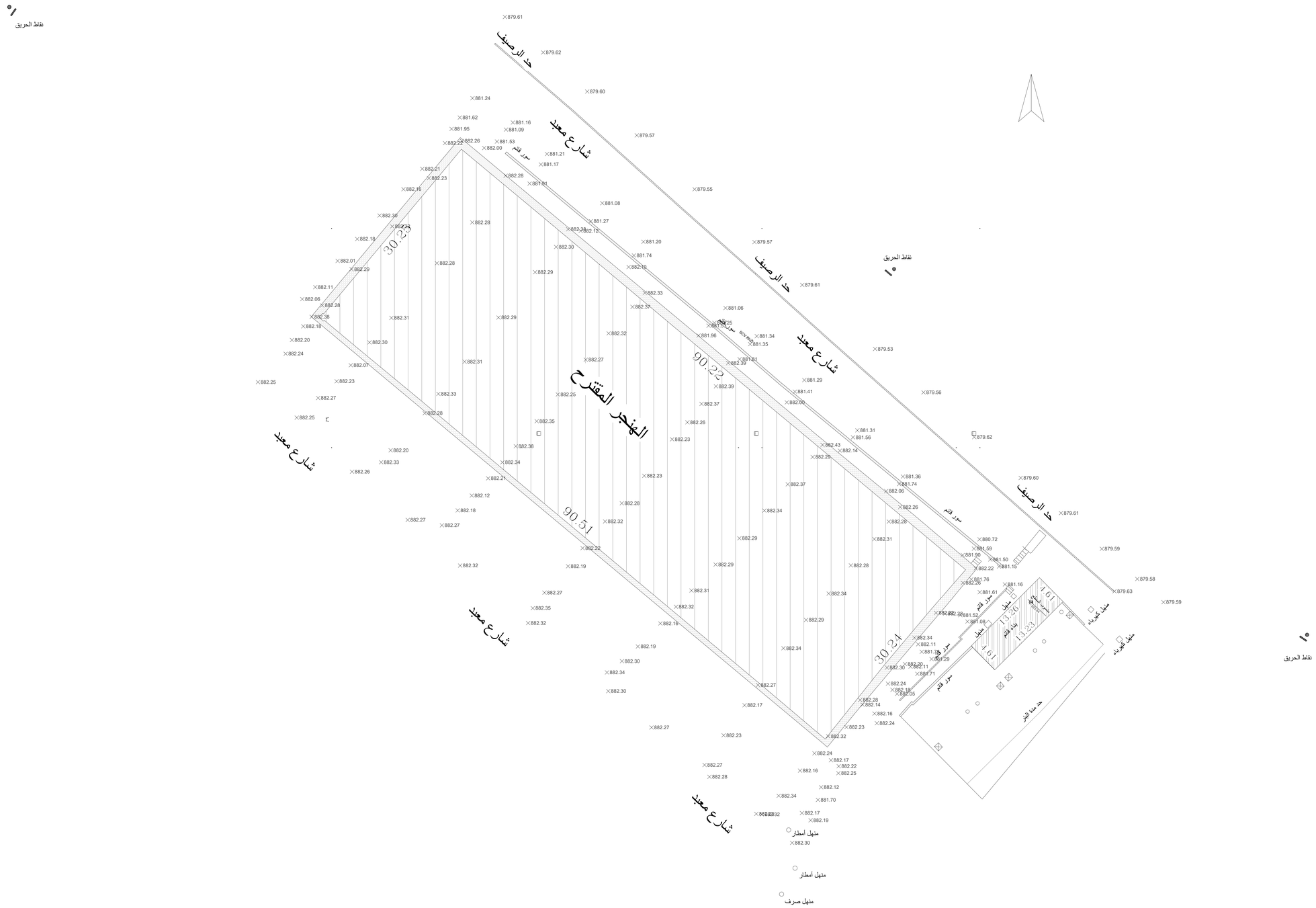
Project Name

TABLE OF CONTENTS

Project number	101
Date	9.2025
Design by	Arch.Jana Sweileh 218186
Checked by	Arch.Suhail Aujelat 200097

A100.5

Scale 1:100



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(2824)
Tel- 0789695422

N
W E
S

Plot No.	Basin No.	Basin name	The village
234	1	اقصير السهل	ALJWAIDEH

Client Name

الشركة العامة الأردنية للصوامع والتموين

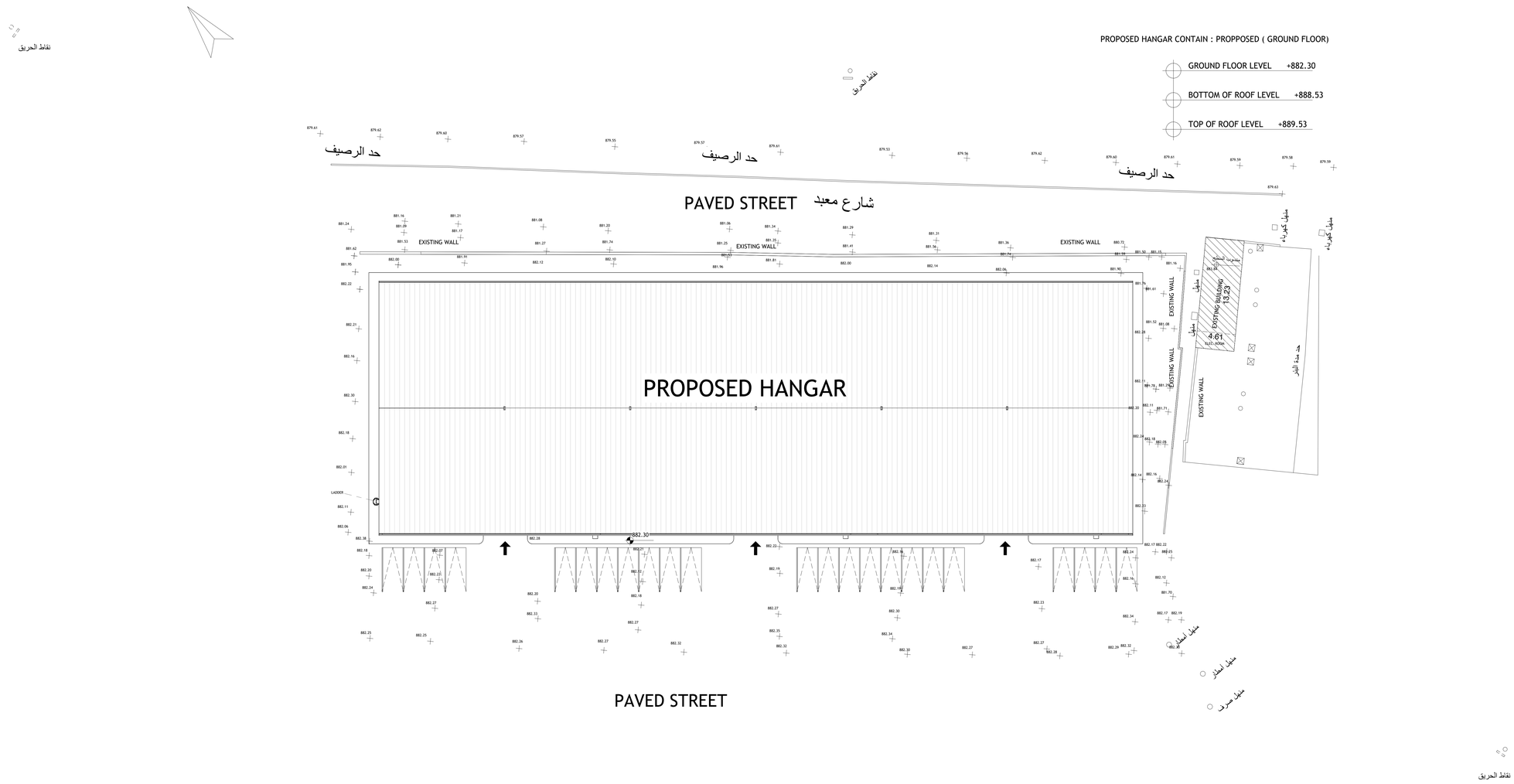
Project Name

TOPOGRAPHY

Project number	101
Date	9.2025
Design by	Arch.Jana Sweileh 218186
Checked by	Arch.Suhail Aujelat 200097

A101

Scale 1:200



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(2824)
Tel- 0789695422

Plot No.	Basin No.	Basin name	The village
234	1	اقصير السهل	ALJWAIDEH

Client Name

الشركة العامة الأردنية للصوامع والتموين

Project Name

SITE PLAN

Project number	101
Date	9.2025
Design by	Arch.Jana Sweileh 218186
Checked by	Arch.Suhail Aujelat 200097

A102

Scale 1:200

SAWAGE MANHOLE SCHEDULE

MH No.	COVER LEVEL	INLET LEVEL	OUTLET LEVEL	DEPTH (cm)	COVER DIAM. (cm)	CAST IRON COVER TYPE
MH1	882.30	881.95	881.90	40	60	MEDIUM DUTY
MH2	882.30	881.30	881.25	105	60	MEDIUM DUTY
MH3	882.30	880.65	880.60	170	90	MEDIUM DUTY

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Tel- 0789695422

Plot No.	Basin No.	Basin name	The village
234	1	اقصير السهل	ALJWAIDEH

Client Name

الشركة العامة الأردنية للصوامع والتموين

Project Name

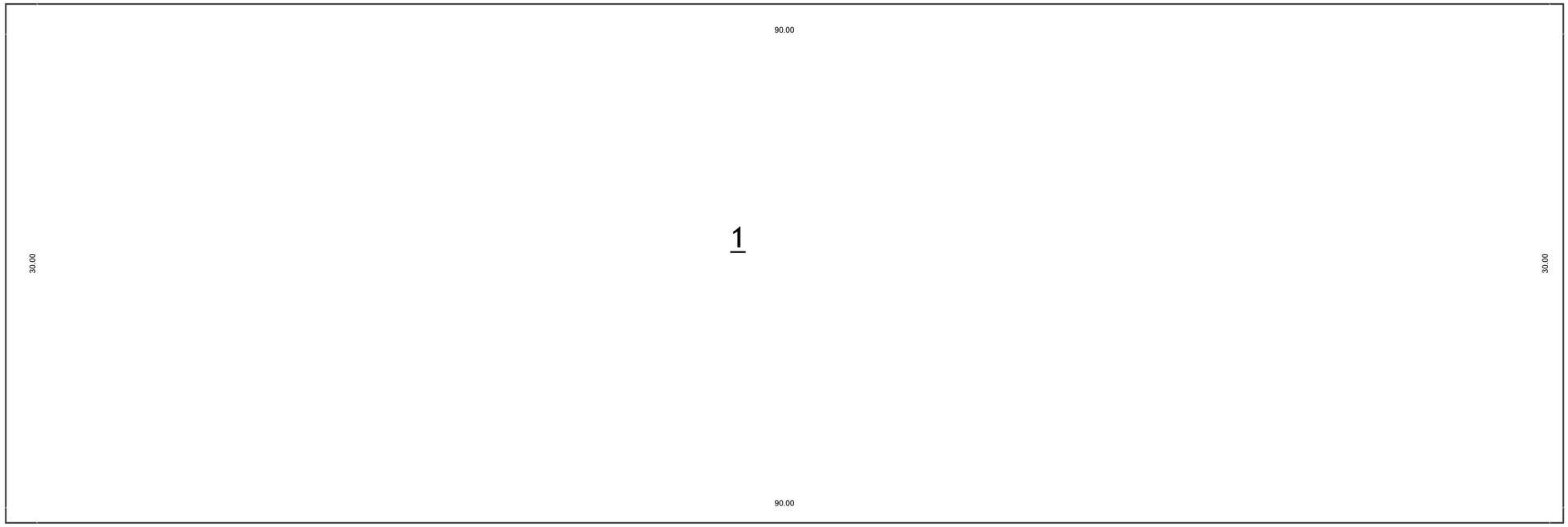
SITE SERVICES

Project number	101
Date	9.2025
Design by	Arch.Jana Sweileh 218186
Checked by	Arch.Suhail Aujelat 200097

A103

Scale 1:200

HANGAR AREA PLAN



Area Schedule (Rentable)			
Name	Comments	Area	Level
1	90*30	2700.00 m²	GROUND FLOOR

HANGAR TOTAL AREA = 2700 m²

Date	unlicensed proposed area	unlicensed existing area	licensed existing area	total area	Floor
	2700 m²	- - - - - - -	- - - - - - -	2700 m²	HANGAR
	2700 m²	- - - - - - -	- - - - - - -	2700 m²	TOTAL AREA

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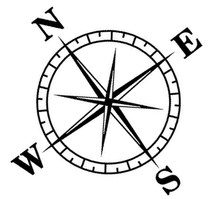
(2824)
Tel- 0789695422



Plot No.	Basin No.	Basin name	The village
234	1	اقصير السهل	ALJWAIDEH

Client Name

الشركة العامة الأردنية للصوامع والتموين

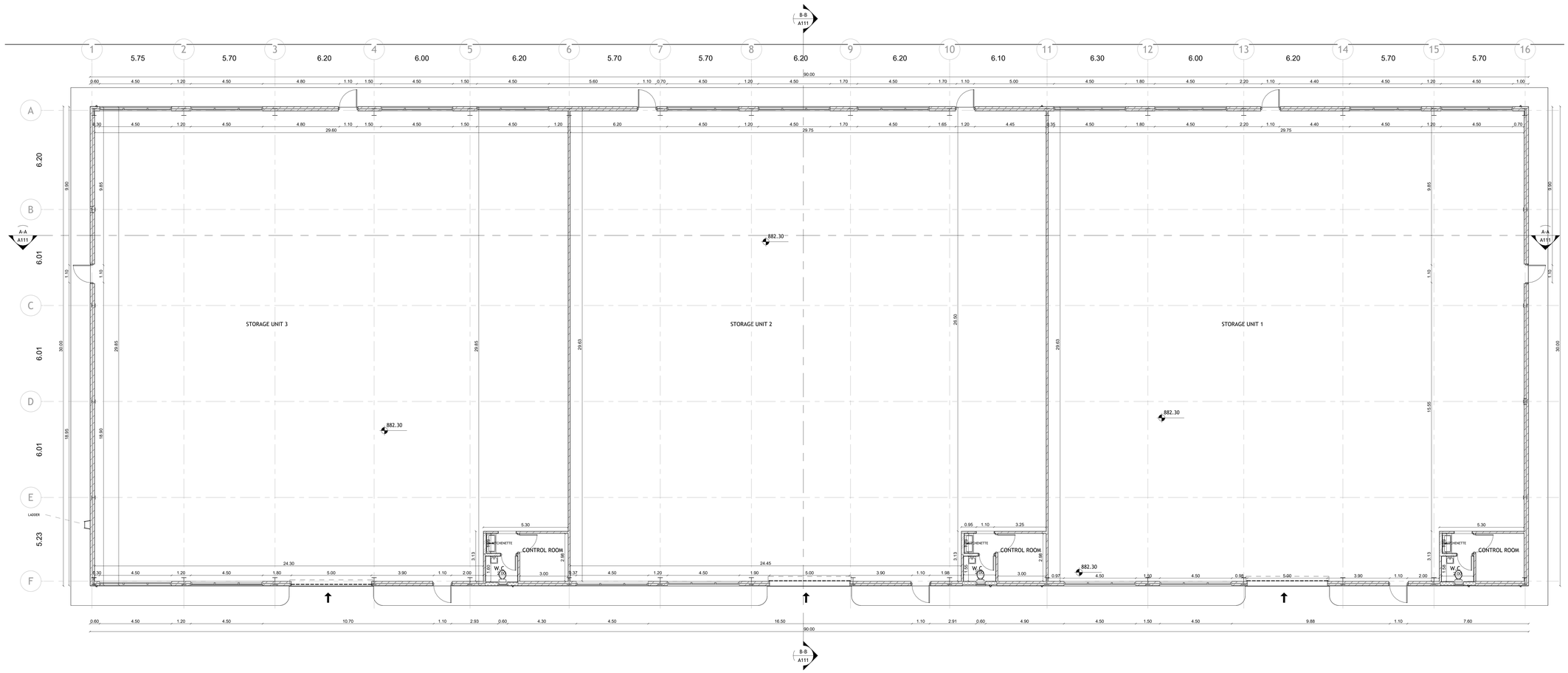
Project Name

AREA PLAN

Project number	101
Date	9.2025
Design by	Arch.Jana Sweileh 218186
Checked by	Arch.Suhail Aujelat 200097

A104

Scale 1:100



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Tel- 0789695422

Plot No.	Basin No.	Basin name	The village
234	1	اقصير السهل	ALJWAIDEH

Client Name

الشركة العامة الأردنية للصوامع والتموين

Project Name

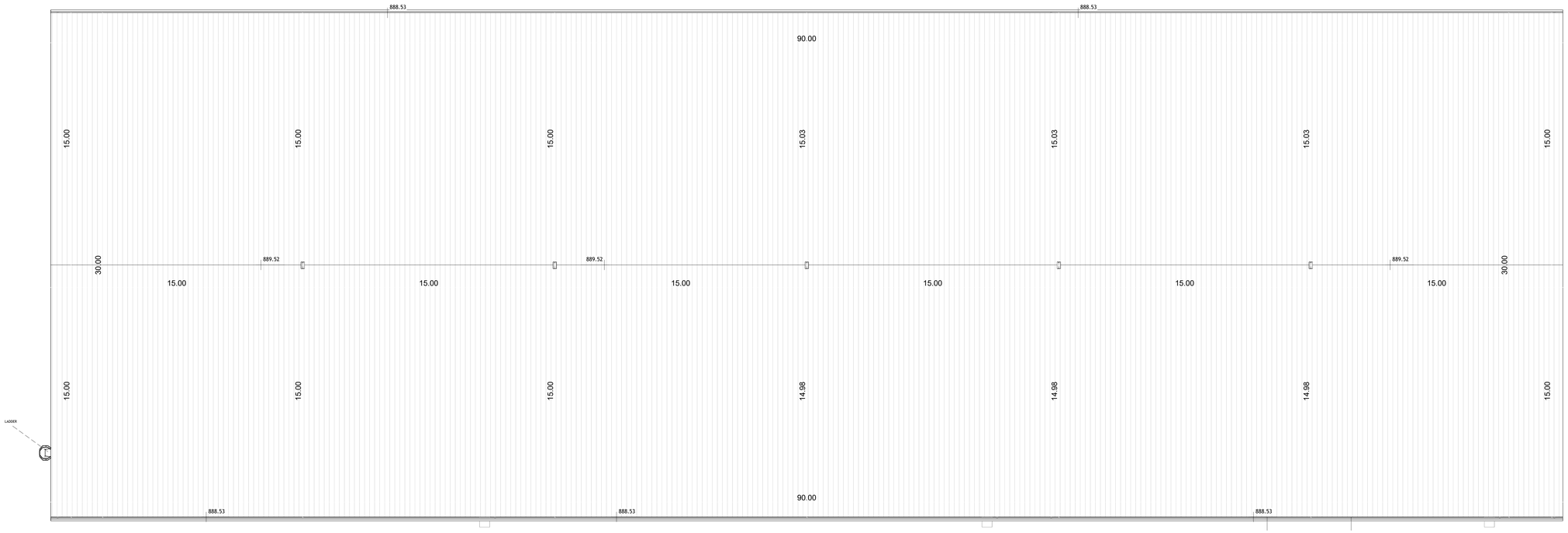
GROUND FLOOR

Project number	101
Date	9.2025
Design by	Arch.Jana Sweileh 218186
Checked by	Arch.Suhail Aujelat 200097

A105

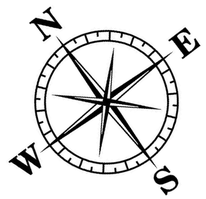
Scale 1:100

ANCHOR HOOK



VANZUELLA

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



Plot No.	Basin No.	Basin name	The village
234	1	اقصير السهل	ALJWAIDEH

Client Name

الشركة العامة الأردنية للصوامع والتموين

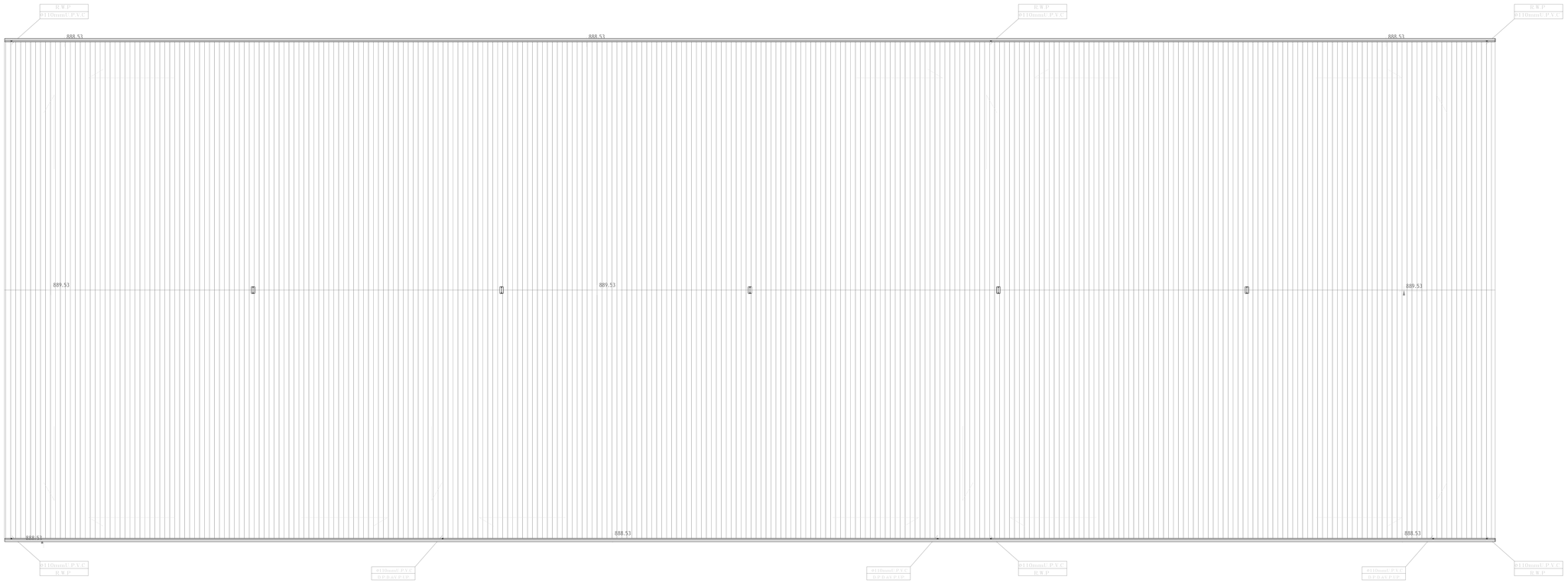
Project Name

TOP OF ROOF

Project number	101
Date	9.2025
Design by	Arch.Jana Sweileh 218186
Checked by	Arch.Suhail Aujelat 200097

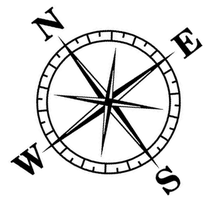
A106

Scale 1:100



VANZUELLA

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



Plot No.	Basin No.	Basin name	The village
234	1	اقصير السهل	ALJWAIDEH

Client Name

الشركة العامة الأردنية للصوامع والتموين

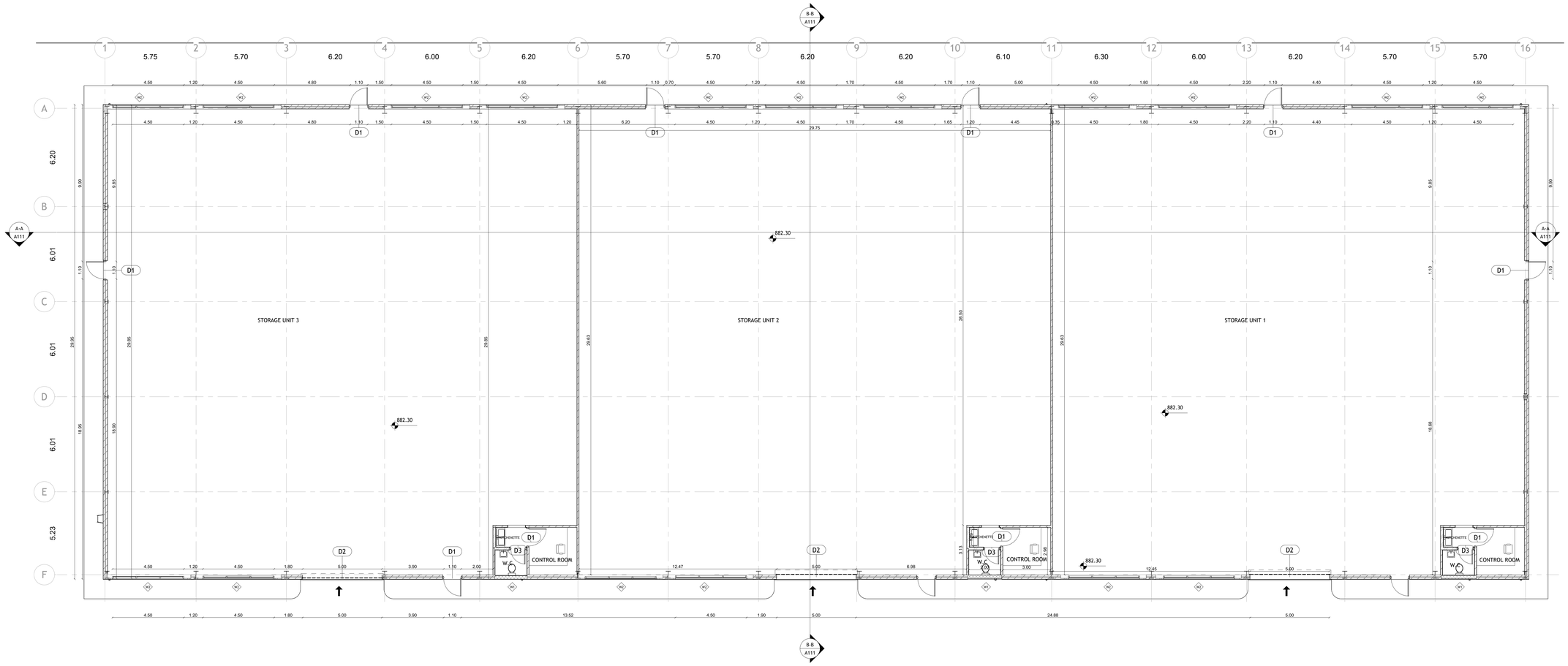
Project Name

SLOPE OF ROOF

Project number	101
Date	9.2025
Design by	Arch.Jana Sweileh 218186
Checked by	Arch.Suhail Aujelat 200097

A107

Scale 1:100



VANZUELLA

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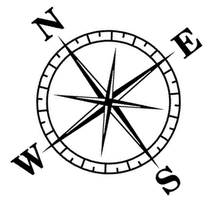
(2824)
Tel- 0789695422



Plot No.	Basin No.	Basin name	The village
234	1	القصير السهل	ALJWAIDEH

Client Name

الشركة العامة الأردنية للصوامع والتموين

Project Name

GROUND FLOOR FURNITURE

Project number	101
Date	9.2025
Design by	Arch.Jana Sweileh 218186
Checked by	Arch.Suhail Aujelat 200097

A108

Scale 1:100

Door Schedule

Door Schedule 2			
Type Mark	Width	Height	Count
D2	5.00	5.00	3
D3	0.90	2.00	3
D1	1.10	2.00	12

Window Schedule

Type Mark	Width	Height	Count
W1	0.60 m	1.00 m	3
W2	4.50 m	1.00 m	17

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

Plot No.	Basin No.	Basin name	The village
234	1	اقصير السهل	ALJWAIDEH

Client Name

الشركة العامة الأردنية للصوامع والتموين

Project Name

TABLE OF DOORS & WINDOWS

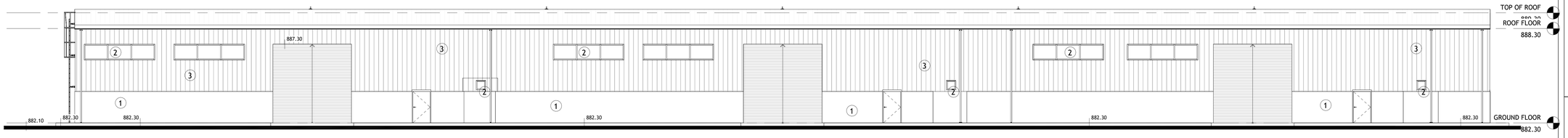
Project number	101
Date	9.2025
Design by	Arch.Jana Sweileh 218186
Checked by	Arch.Suhail Aujelat 200097

A109

Scale 1:100

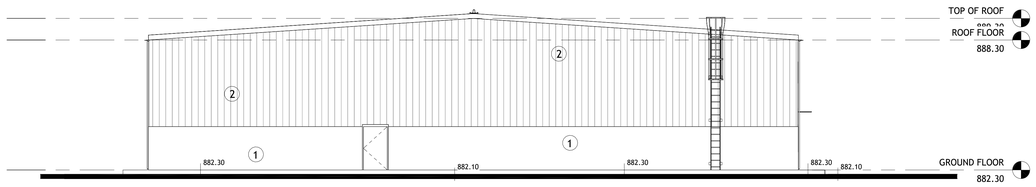
SOUTH WEST ELEVATION

1 PLASTER 2 GLASS 3 SANDWICH PANEL



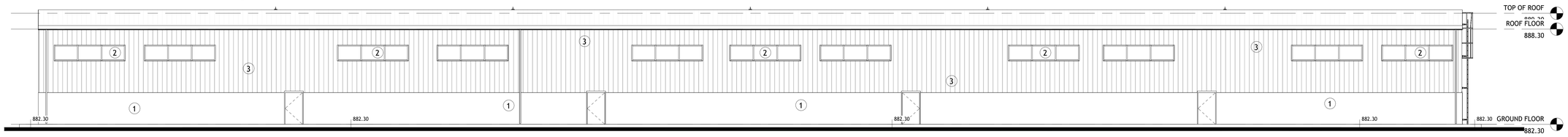
NORTH WEST ELEVATION

1 PLASTER 2 SANDWICH PANEL



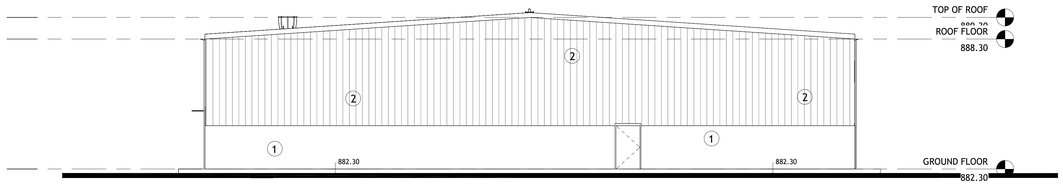
NORTH EAST ELEVATION

1 PLASTER 3 SANDWICH PANEL
2 GLASS



SOUTH EAST ELEVATION

1 PLASTER 2 SANDWICH PANEL



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

Plot No.	Basin No.	Basin name	The village
234	1	اقصير السهل	ALJWAIDEH

Client Name

الشركة العامة الأردنية للصوامع والتموين

Project Name

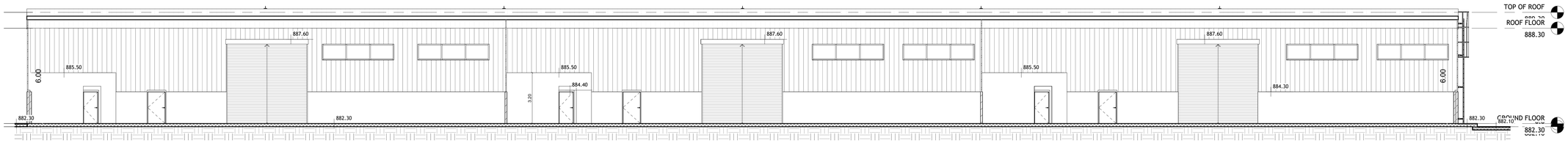
ELEVATIONS

Project number	101
Date	9.2025
Design by	Arch.Jana Sweileh 218186
Checked by	Arch.Suhail Aujelat 200097

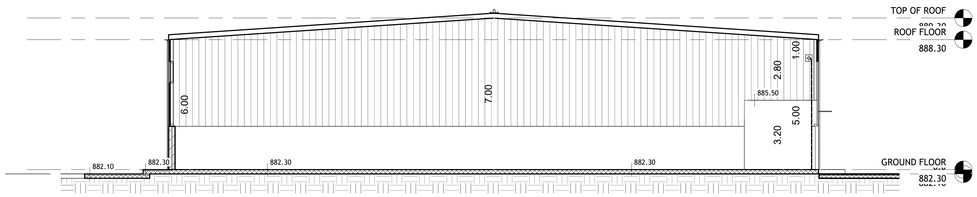
A110

Scale 1:100

SECTION A-A

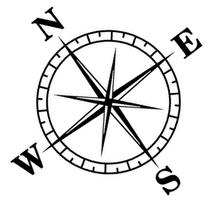


SECTION B-B



VANZUELLA

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



Plot No.	Basin No.	Basin name	The village
234	1	اقصير السهل	ALJWAIDEH

Client Name

الشركة العامة الأردنية للصوامع والتموين

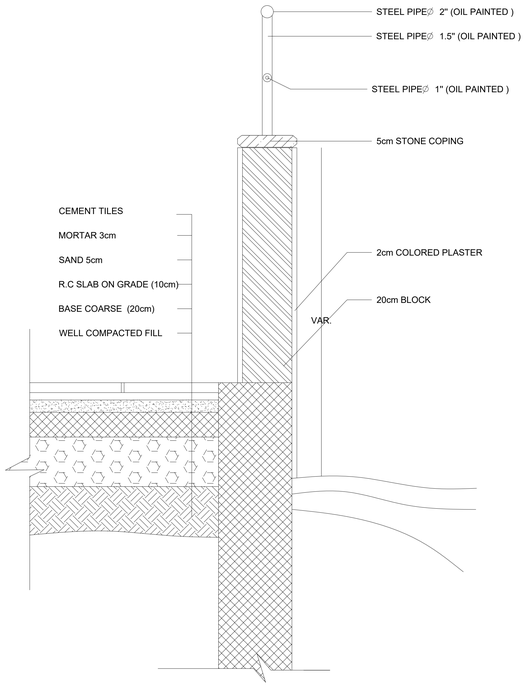
Project Name

SECTIONS

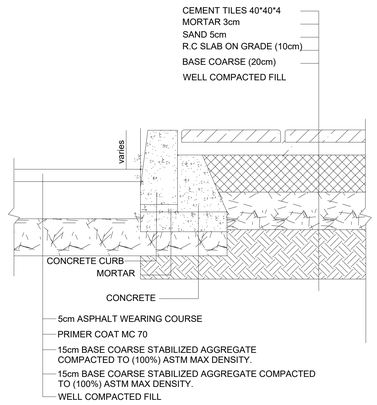
Project number	101
Date	9.2025
Design by	Arch.Jana Sweileh 218186
Checked by	Arch.Suhail Aujelat 200097

A111

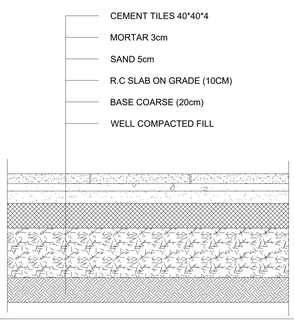
Scale 1:100

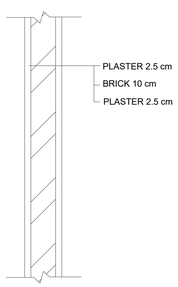


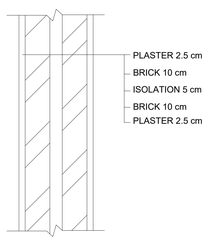
DET. NO.		SCALE
LS04	TILE W/ PLANTER FOR SEPTIC TANK	1:50



DET. NO.		SCALE
LS04	ASPHALT ROAD / CEMENT SIDEWALK	1:50







DET.NO.		SCALE	DET.NO.		SCALE	DET.NO.		SCALE
LS07		1/50	LS08		1/50	LS09		1/50

VANZUELLA

Vanzulla Company For Consulting Engineering Designs
(2824)
Tel- 0795849856

Plot No.	Basin No.	Basin name	The village
234	1	الصبر السهل	ALJWAIDEH

Owner Name:

الشركة العامة الأردنية للصوامع والتموين

Drawing Name : Sections

PROJECT NUMBER : 0001

Date : 07/2024

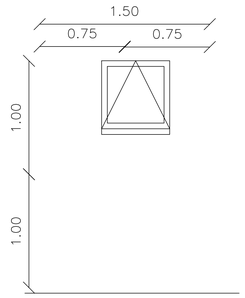
Design by : Jana Sweileh

Checked by : Suhail Ejailat

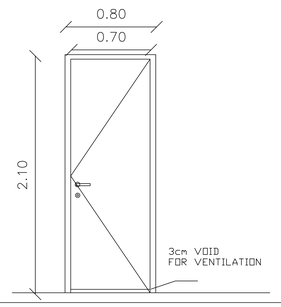
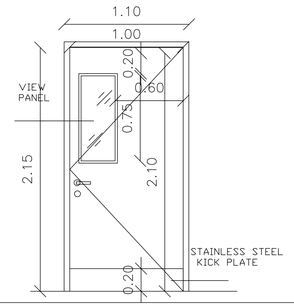
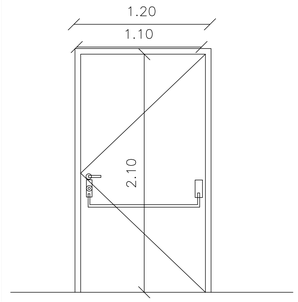
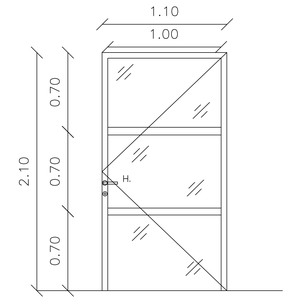
A 12

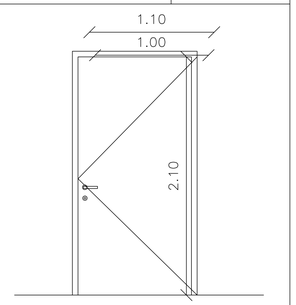
SCALE : 1:100

WINDOWS SCHEDULE

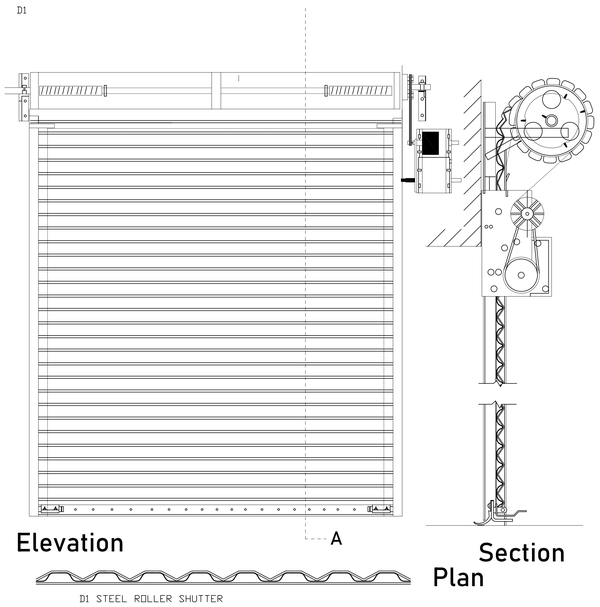
CODE	W1	1:50
ELEVATION		
SIZE	600×600	
MATERIAL	POWDER COATED ALUMINUM DOOR COLOR TO CLIENT APPROVAL	
HARDWARE SET	2No. STAINLESS STEEL HINGES 1No. LOCKSET 1No. GRAB HOCK	
GLAZING OR VIEW PANEL	24mm DOUBLE GLAZED ITCHED	
OPENING	HINGED	

DOOR SCHEDULE

CODE	D2	1:50	D3	1:50	D4	1:50	D5	1:50
								
SIZE (CLEAR OPENING)	800×2100		1000×2100		1100×2100		1000×2100	
MATERIAL – FRAME	POWDER COATED FLUSH STEEL FRAME COLOR (GRAY) TO CLIENT APPROVAL		POWDER COATED ALUMINUM DOOR COLOR TO CLIENT APPROVAL		POWDER COATED ALUMINUM DOOR COLOR TO CLIENT APPROVAL		POWDER COATED ALUMINUM DOOR COLOR TO CLIENT APPROVAL	
MATERIAL – LEAF	WOOD WITH PLASTIC LAMINATE SURFACE COLOR TO CLIENT APPROVAL		WOOD WITH PLASTIC LAMINATE SURFACE COLOR (DARK BLUE) TO CLIENT APPROVAL WITH VIEW PANEL		POWDER COATED FLUSH STEEL DOOR COLOR TO CLIENT APPROVAL		POWDER COATED ALUMINUM DOOR WITH GLAZING COLOR TO CLIENT APPROVAL	
HARDWARE SET	3No. STAINLESS STEEL HINGES WITH BALL BEARING 2No. STAINLESS STEEL LEVER HANDLES. 1No. LEVER LOCKSET WITH DEAD BOLT AND LATCH. 1No. TURNING KNOB LOCK FROM INSIDE, (UNLOCKING FROM OUTSIDE IS POSSIBLE)		3No. STAINLESS STEEL HINGES WITH BALL BEARING 2No. STAINLESS STEEL LEVER HANDLES. 1No. LEVER LOCKSET WITH DEAD BOLT AND LATCH. 1No. CYLINDER LOCK WITH 3 KEYS		3No. STAINLESS STEEL HINGES WITH BALL BEARING 1No. STAINLESS STEEL LEVER HANDLES. 1No. LEVER LOCKSET WITH DEAD BOLT AND LATCH. 1No. PANIC HANDLE, PROVIDED TO OPENING SIDE AND EQUIPPED WITH LOCKING DEVICE FROM OUTSIDE RELEASED AUTOMATICALLY BY THE PANIC HANDLE.		
GLAZING OR VIEW PANEL			10mm THICK TEMPERED GLASS				24mm DOUBLE GLAZED	
OPENING	HINGED		HINGED		HINGED		HINGED	
NOTES	USED FOR TOILET		STORE DOOR		USED FOR EMERGENCY EXITS		HANGAR OFFICE	

CODE	D7	1:50
ELEVATION		
SIZE (CLEAR OPENING)	2000×2100	
MATERIAL – FRAME	POWDER COATED FLUSH STEEL FRAME COLOR TO CLIENT APPROVAL	
MATERIAL – LEAF	POWDER COATED FLUSH STEEL DOOR (1h FIRE-RATED) COLOR TO CLIENT APPROVAL	
HARDWARE SET	3No. STAINLESS STEEL HINGES WITH BALL BEARING 2No. STAINLESS STEEL LEVER HANDLES. 1No. LEVER LOCKSET WITH DEAD BOLT AND LATCH. 1No. CYLINDER LOCK WITH 3 KEYS FOR HC TOILETS: 1No. TURNING KNOB LOCK FROM INSIDE, (UNLOCKING FROM OUTSIDE IS POSSIBLE)	
GLAZING OR VIEW PANEL		
OPENING	HINGED	
NOTES	USED FOR OUTSIDE DOOR	

D1



D1 STEEL ROLLER SHUTTER

VANZULLA

Vanzulla Company For Consulting Engineering Designs (2824)

Tel- 0795849856

Plot No.	Basin No.	Basin name	The village
234	1	الصبر السهل	ALJWAIDEH

Owner Name:

الشركة العامة الأردنية للصوامع والتموين

Drawing Name : Sections

PROJECT NUMBER : 0001

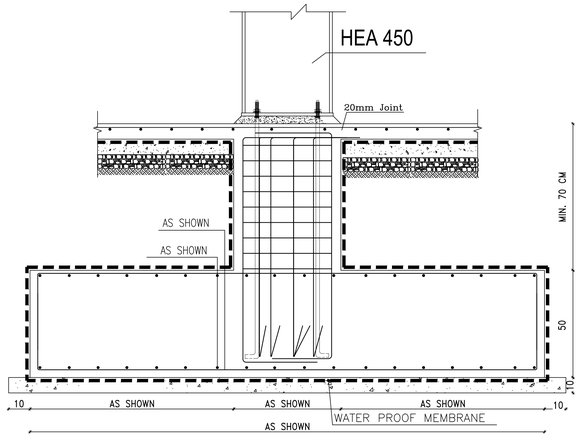
Date : 07/2024

Design by : Jana Sweileh

Checked by : Suhail Ejailat

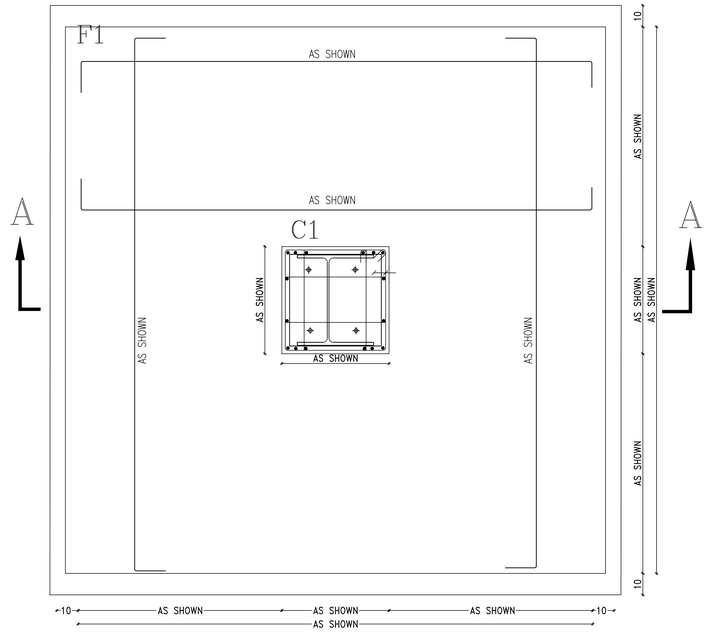
A 13

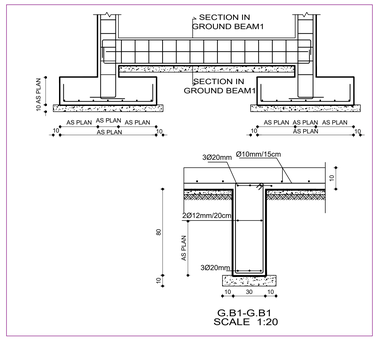
SCALE : 1:100



SEC (A–A)

FOOTING F1
SCALE 1:10





G.B1-G.B1
SCALE 1:20

ISOLATED FOOTING SCHEDULE

F. NO	R. CONC. DIM.			BLINDING DIM.			STEEL BARS			
							BOTTOM		TOP	
	LENGTH	WIDTH	DEPTH	LENGTH	WIDTH	DEPTH	LONG DIRECTIONS	SHORT DIRECTIONS	LONG DIRECTIONS	SHORT DIRECTIONS
F1	2.40	2.30	0.60	2.60	2.50	0.10	Ø16&150mm	Ø16&150mm	Ø12&150mm	Ø12&150mm
F2	1.60	1.60	0.50	1.80	1.80	0.10	Ø14&150mm	Ø14&150mm	Ø12&150mm	Ø12&150mm

COLUMNS SCHEDULE AND DETAILS

NO. COLUMN	LEVEL	SIZE OF COLUMN	REINFORCEMENT		SECTION & REINFORCEMENT DETAILS	
			VERTICAL REINFORCEMENT	TIES	BASEMENT	GROUND
C1	BASEMENT	500x600	14T18	2T10–150		
	GROUND					
C2	BASEMENT	400x400	12T18	2T10–150		
	GROUND					
	1'ST+2'ST					

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

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.

COLUMNS & FOOTING

C30 - GRADE 30 Columns& FOOTING

C35 - GRADE 35 SLAB ON GRADE

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.

4.3 Bolts :

SLAB LOADS HANKER STEEL ELEVATION1

Super Impose Dead Load = 0.445 kN/m2=0.445*6.0=2.67kN/m

SNOW Load = 905-400/320=1.58*0.8=1.264kN/m=1.264*6.00=7.584kN/m
LIVE LOAD =0.60kN/m2...snow load is covern
WINDWARD WALL = +0.49192*6.0=2.95 kN/m
LEEWARD WALL = -0.34606*6.0=-2.07kN/m
UPWARD ROOF = -0.54054*6=-3.243 kN/m
SIDEWARD WALL= -0.4433X6=-2.67 kN/m

- SEISMIC DATA/AS PER ASCE07-10 HANKER STEEL

BUILDING FRAME SYSTEM	ADMINISTRATION BUILDING
STEEL BUCKLING RESTRAINED BRACED FRAME	
DUCTILE (R)	R=8.0
Fa,Fv SOIL TYPE	Fa= 1.00 Fv= 1.00
OVERSTRENGTH FACTOR	2.50
SEISMIC COEFFICIENT	SS = 0.58
SEISMIC COEFFICIENT	S1 = 0.19
IMPORTANCE FACTOR	I = 1.0
AMPLIFICATION FACTOR	Cd=5.00

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 الحقوم الزلازل الجزء الثاني "الباب الثامن"
التصميم الزلازلي للمنشاءات الفولاذيه
كودة الانشاءات الفولاذيه من كودة البناء الوطني

VANZUELLA

Vanzulla Company For Consulting Engineering Designs
(2824)

Tel- 07 9993 3707

Plot No.	Basin No.	Basin name	The village
234	1	القصير السهل	ALJWAIDEH

Owner Name:

الشركة العامة الأردنية للصوامع والتموين

Drawing Name :

GENERAL DETAILS

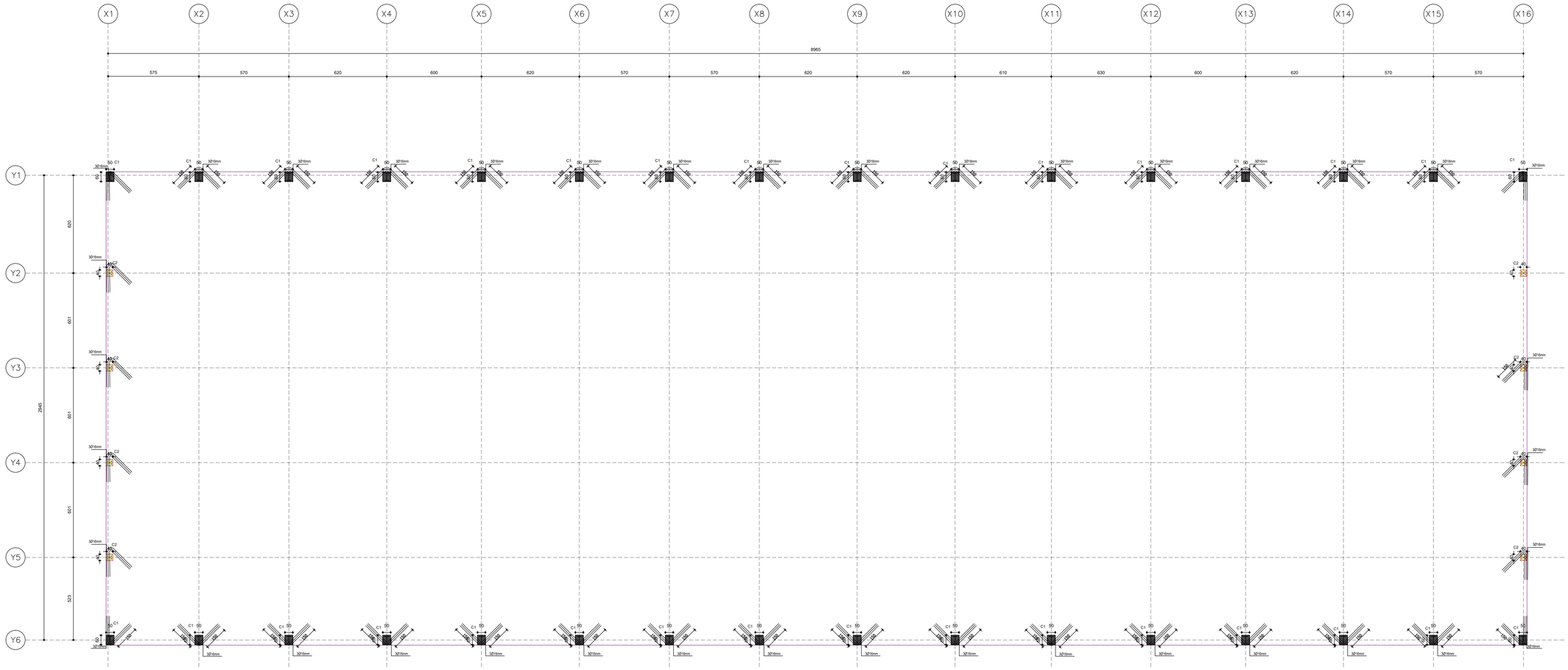
PROJECT NUMBER : 0001

Date : 07/2025

Design by : SALEM AHMAD

Checked by : NAJEH KANNAN

S 01



COLUMNS AXISES LAYOUT

VANZUELLA

Vanzulla Company For Consulting Engineering Designs
(2824)

Tel- 07 9993 3707

Plot No.	Basin No.	Basin name	The village
234	1	الصدر السهل	ALJWAIDEH

Owner Name:

الشركة العامة الأردنية للصوامع والتموين

Drawing Name :

COLUMNS AXISES LAYOUT

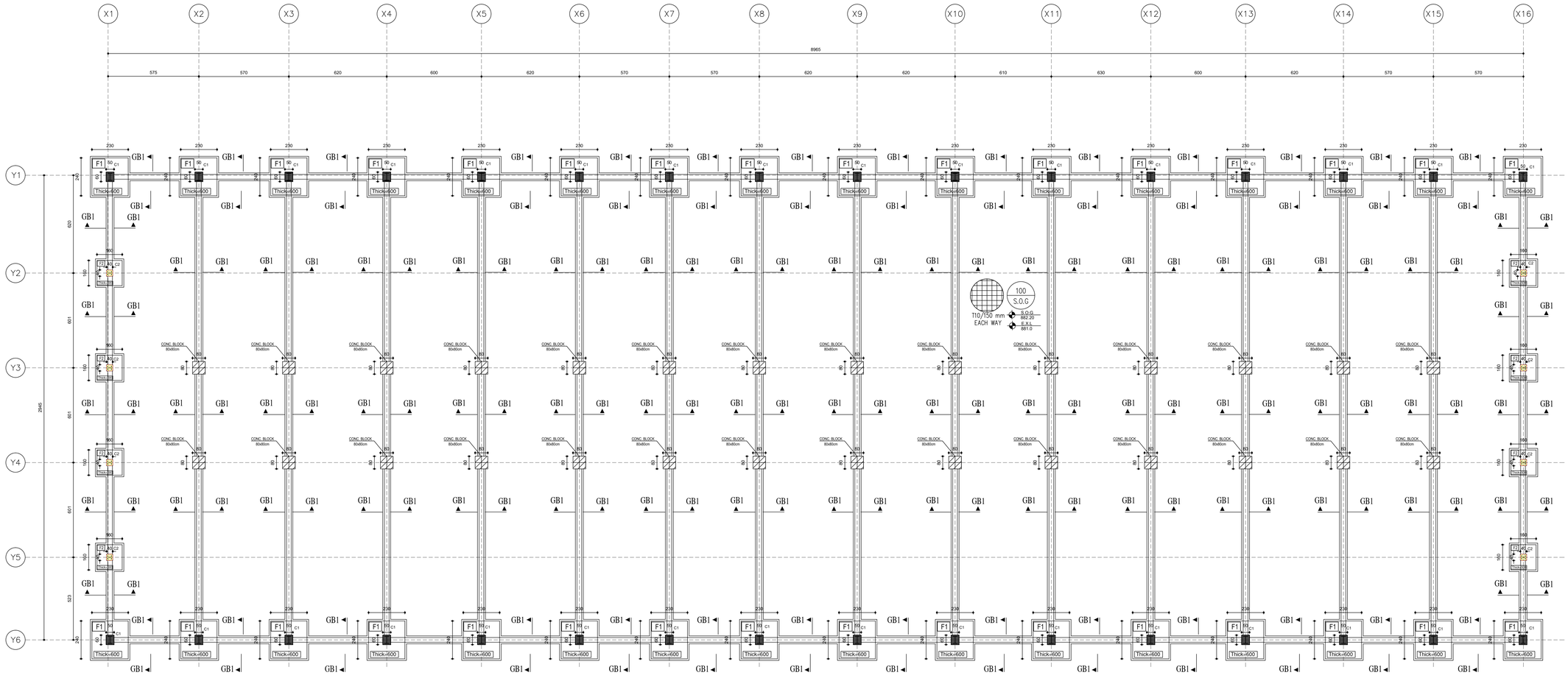
PROJECT NUMBER : 0001

Date : 07/2025

Design by : SALEM AHMAD

Checked by : NAJEH KANNAN

S 02



FOUNDATION AXISES LAYOUT

VANZUELLA

Vanzulla Company For Consulting Engineering Designs (2824)

Tel- 07 9993 3707

Plot No.	Basin No.	Basin name	The village
234	1	المصدر السهل	ALJWAIDEH

Owner Name:

الشركة العامة الأردنية للصوامع والتموين

Drawing Name :

FOUNDATION AXISES LAYOUT

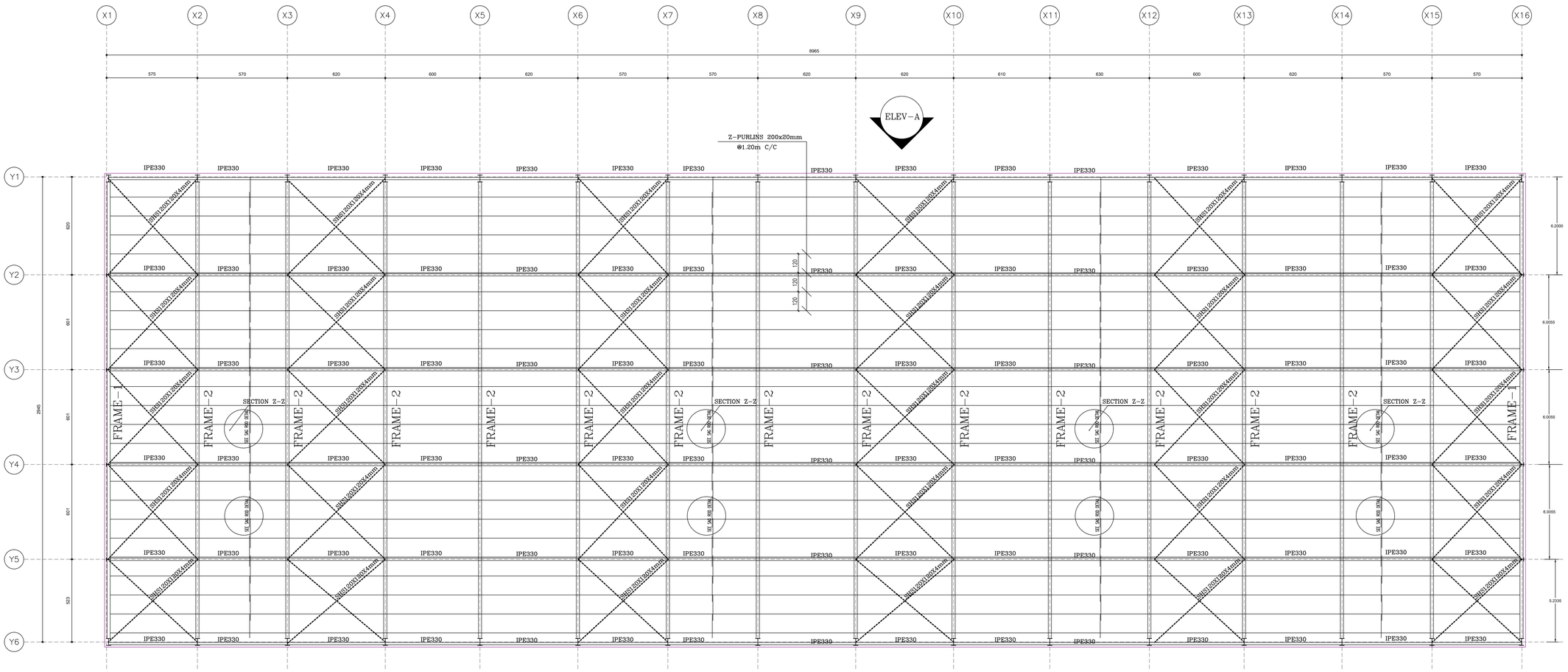
PROJECT NUMBER : 0001

Date : 07/2025

Design by : SALEM AHMAD

Checked by : NAJEH KANNAN

S 03



HANKER STEEL PLAN

VANZUELLA

Vanzulla Company For Consulting Engineering Designs
(2824)

Tel- 07 9993 3707

Plot No.	Basin No.	Basin name	The village
234	1	الصنيز السهل	ALJWAIDEH

Owner Name:

الشركة العامة الأردنية للصوامع والتموين

Drawing Name :

HANKER STEEL LAYOUT

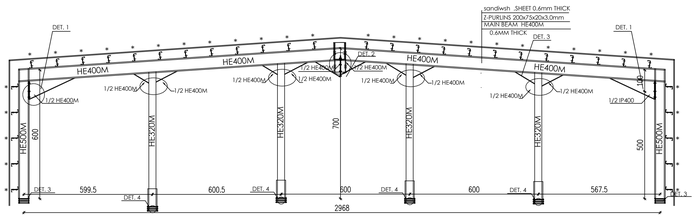
PROJECT NUMBER : 0001

Date : 07/2025

Design by : SALEM AHMAD

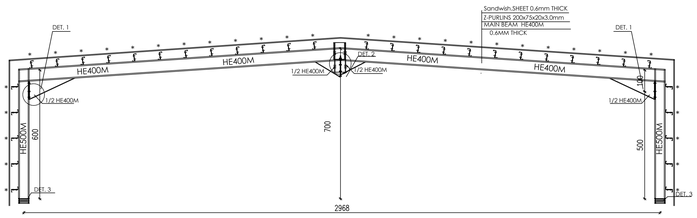
Checked by : NAJEH KANNAN

S 04



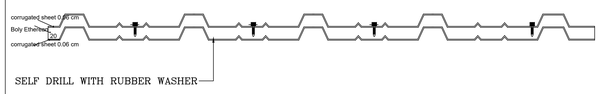
FRAME-1

Scale 1:100



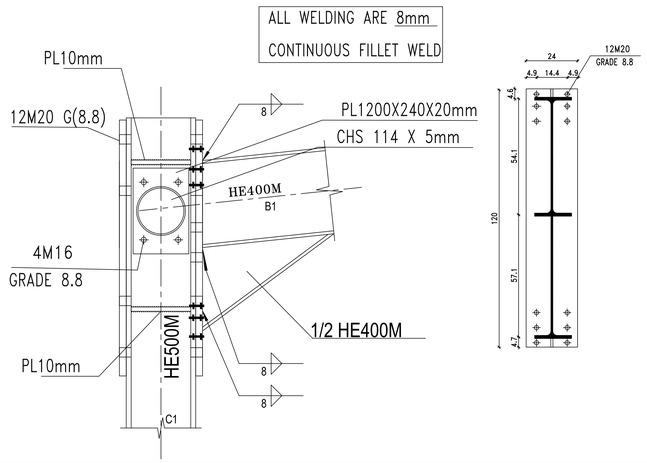
FRAME-2

Scale 1:100



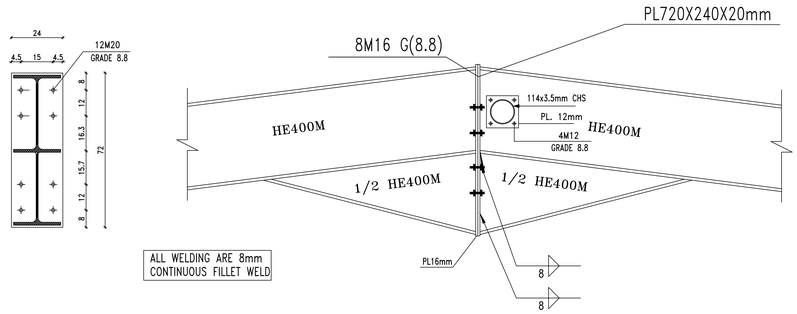
TYPICAL SANDWISH. SHEETS PROFILE

N.T.S



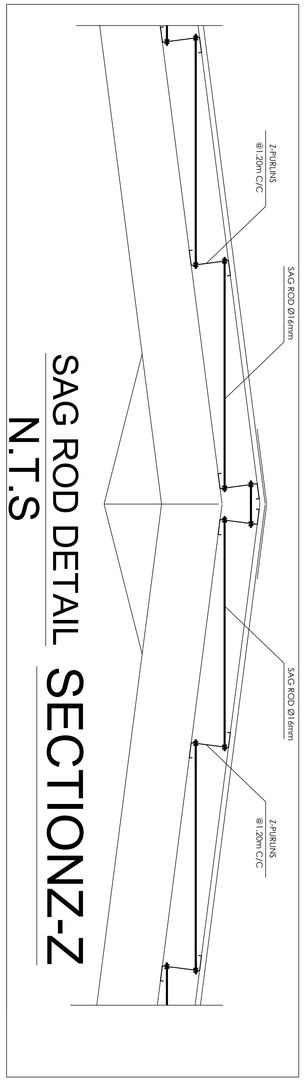
DETAIL-1

Scale 1:10



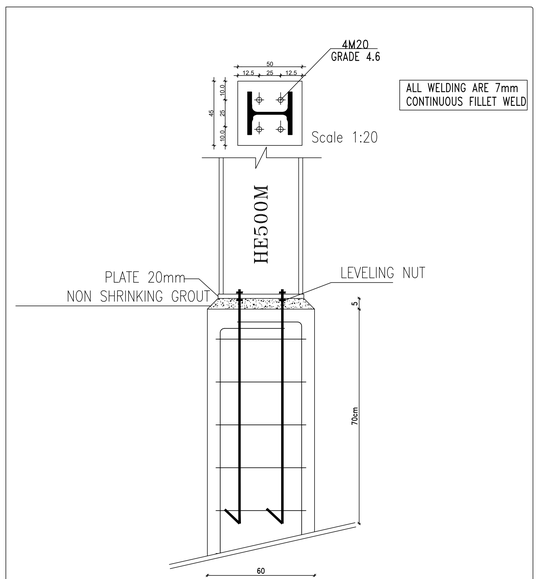
DETAIL-2

Scale 1:10



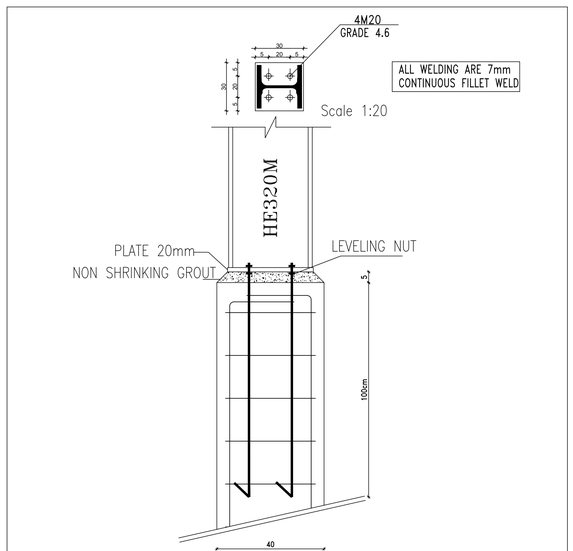
SAG ROD DETAIL SECTIONZ-Z

N.T.S



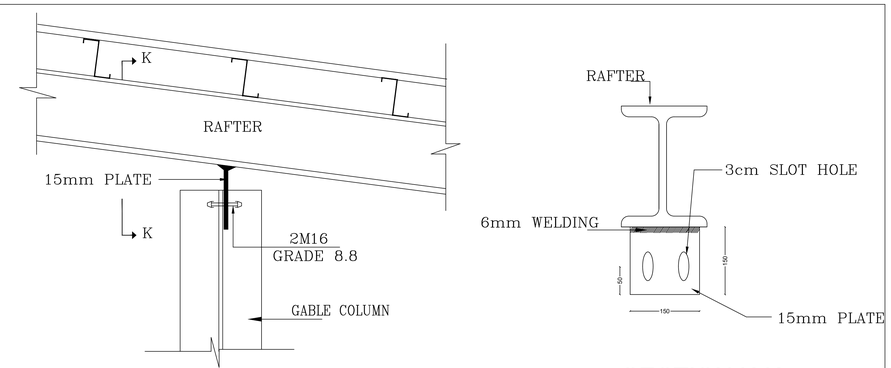
DETAIL-3

Scale 1:10



DETAIL-4

Scale 1:10



GABLE COLUMN CONNECTION

SECTION K-K

N.T.S

DETAIL-3

N.T.S

VANZUELLA

Vanzulla Company For Consulting Engineering Designs (2824)

Tel- 07 9993 3707

Plot No.	Basin No.	Basin name	The village
234	1	القصير السهلي	ALJWAIDEH

Owner Name:

الشركة العامة الأردنية للصوامع والتموين

Drawing Name :

STEEL CONNECTION DETAILS

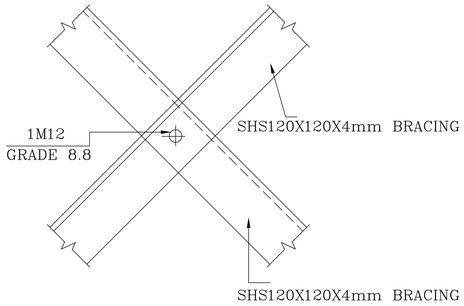
PROJECT NUMBER : 0001

Date : 07/2025

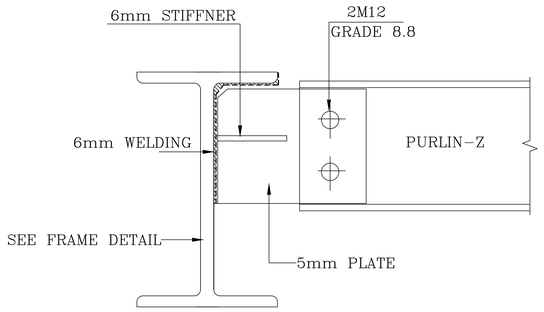
Design by : SALEM AHMAD

Checked by : NAJEH KANNAN

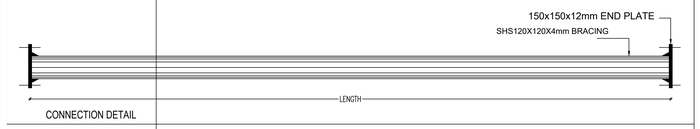
S 05



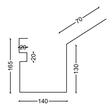
BRACING INTERSECTION DETAILS
N.T.S



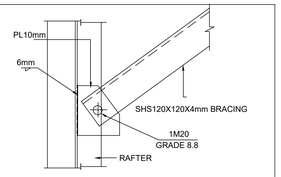
PURLIN JOINT WITH COLUMN
N.T.S



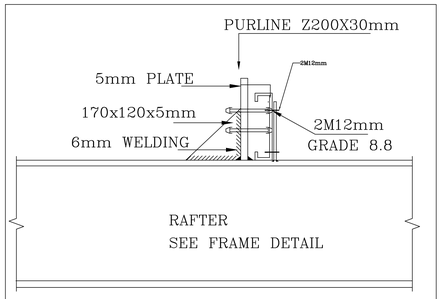
TYPICAL STRUT MEMBER
N.T.S



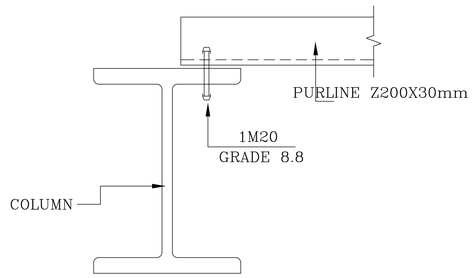
TYPICAL DETAIL OF GUTTER
N.T.S



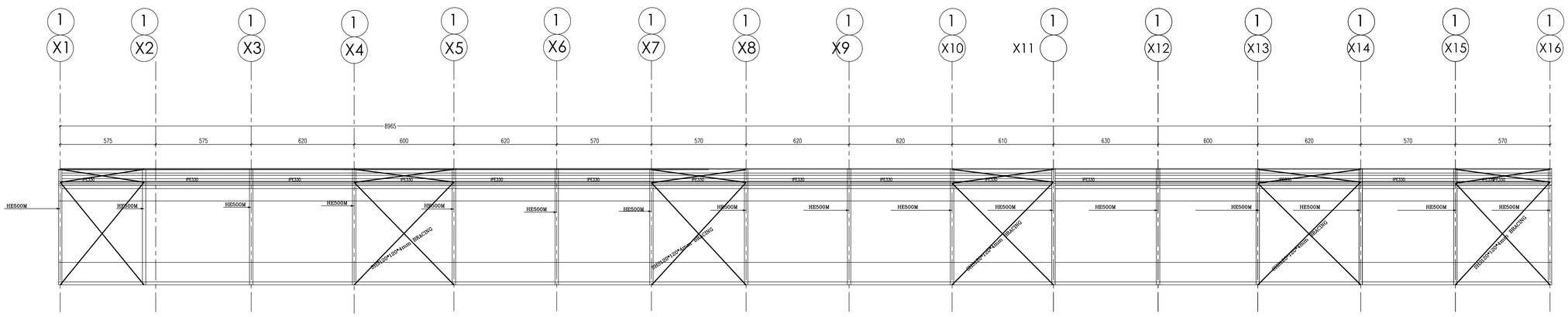
BRACING DETAIL
N.T.S



PURLIN JOINT WITH RAFTER
N.T.S



SIDE BRACING CONNECTION
N.T.S

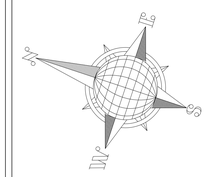


ELEVATION–A

VANZUELLA

Vanzulla Company For Consulting Engineering Designs
(2824)

Tel– 07 9993 3707



Plot No.	Basin No.	Basin name	The village
234	1	القصير الشهل	ALJWAIDEH

Owner Name:

الشركة العامة الأردنية للصوامع والتموين

Drawing Name :

STEEL CONNECTION DETAILS

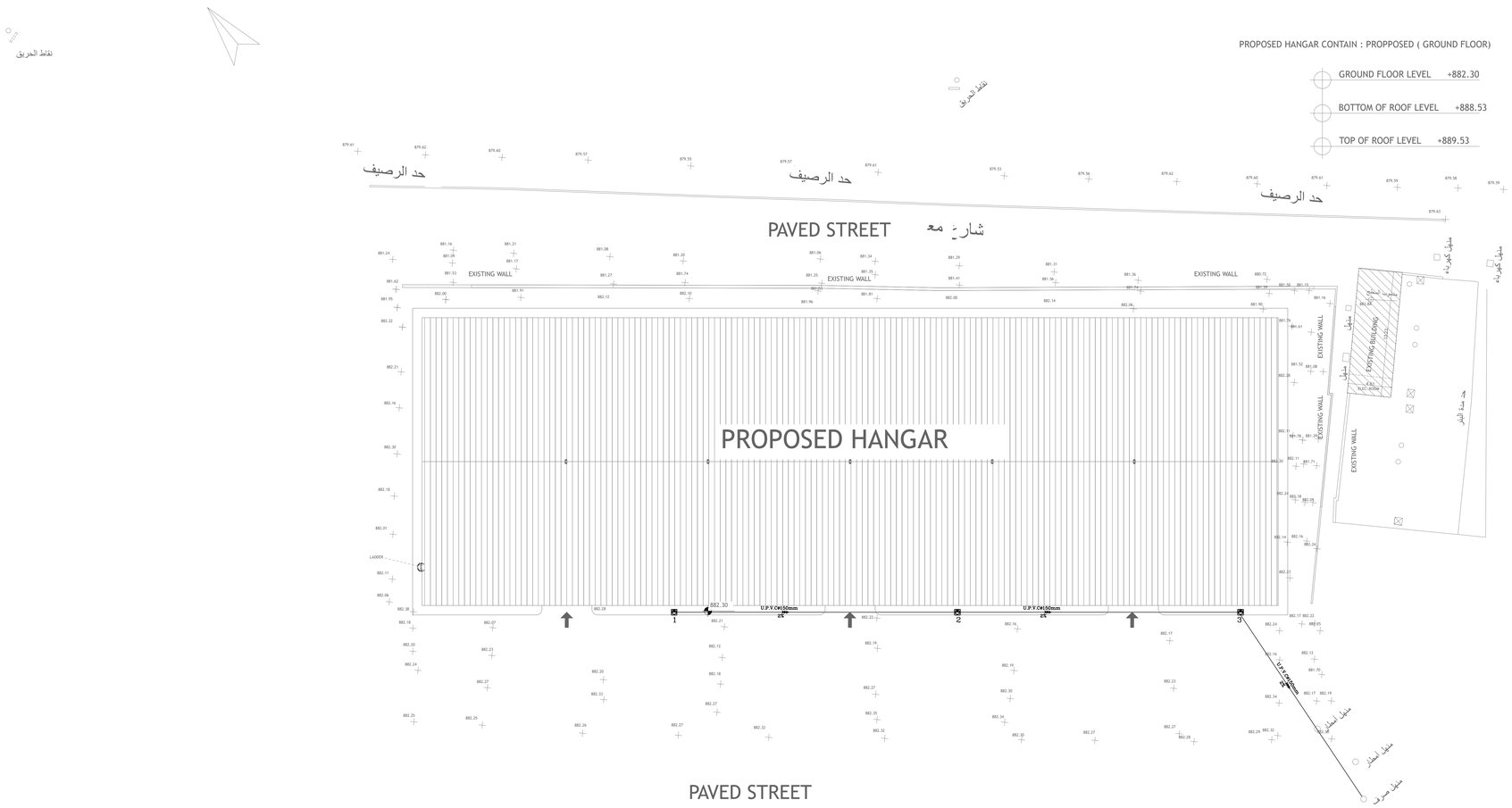
PROJECT NUMBER : 0001

Date : 07/2025

Design by : SALEM AHMAD

Checked by : NAJEH KANNAN

S 06



SAWAGE MANHOLE SCHEDULE

MH No.	COVER LEVEL	INLET LEVEL	OUTLET LEVEL	DEPTH (cm)	COVER DIAM. (cm)	COVER TYPE CAST IRON
MH1	882.30	881.95	881.90	40	60	MEDIUM DUTY
MH2	882.30	881.30	881.25	105	60	MEDIUM DUTY
MH3	882.30	880.65	880.60	170	90	MEDIUM DUTY

VANZUELLA

Vanzulla Company For Consulting Engineering Designs (2824)

Tel- 0795849856

Plot No.	Basin No.	Basin name	The village
234	1	الصبر السهل	ALJWAIDEH

Owner Name:

الشركة العامة الأردنية للصوامع والتموين

Drawing Name : SITE PLAN

PROJECT NUMBER : 0001

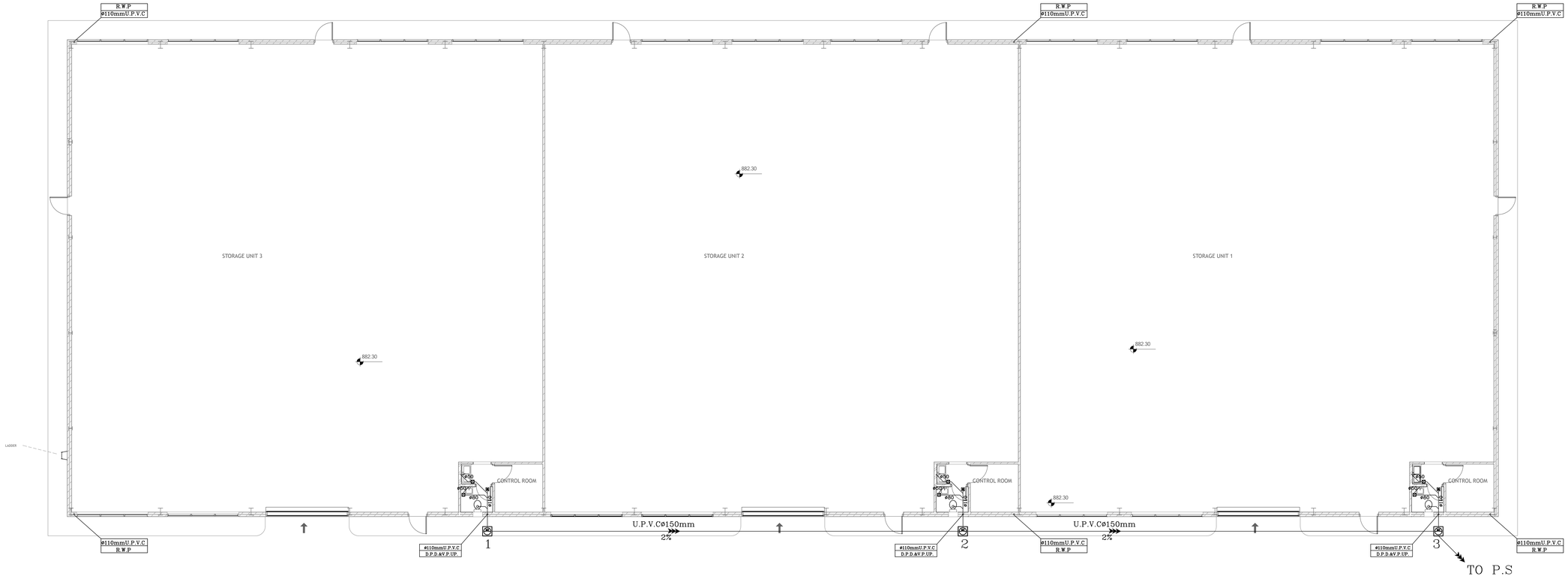
Date : 07/2024

Design by : AZZAM ATTARI

Checked by : AZZAM ATTARI

M 01

SCALE : 1:200



VANZUELLA

Vanzulla Company For Consulting
Engineering Designs
(2824)

Tel- 0795849856

Plot No.	Basin No.	Basin name	The village
234	1	الصبر السهل	ALJWAIDEH

Owner Name:

الشركة العامة الأردنية للصوامع والتموين

Drawing Name :

Ground Floor DRAINAGE

PROJECT NUMBER : 0001

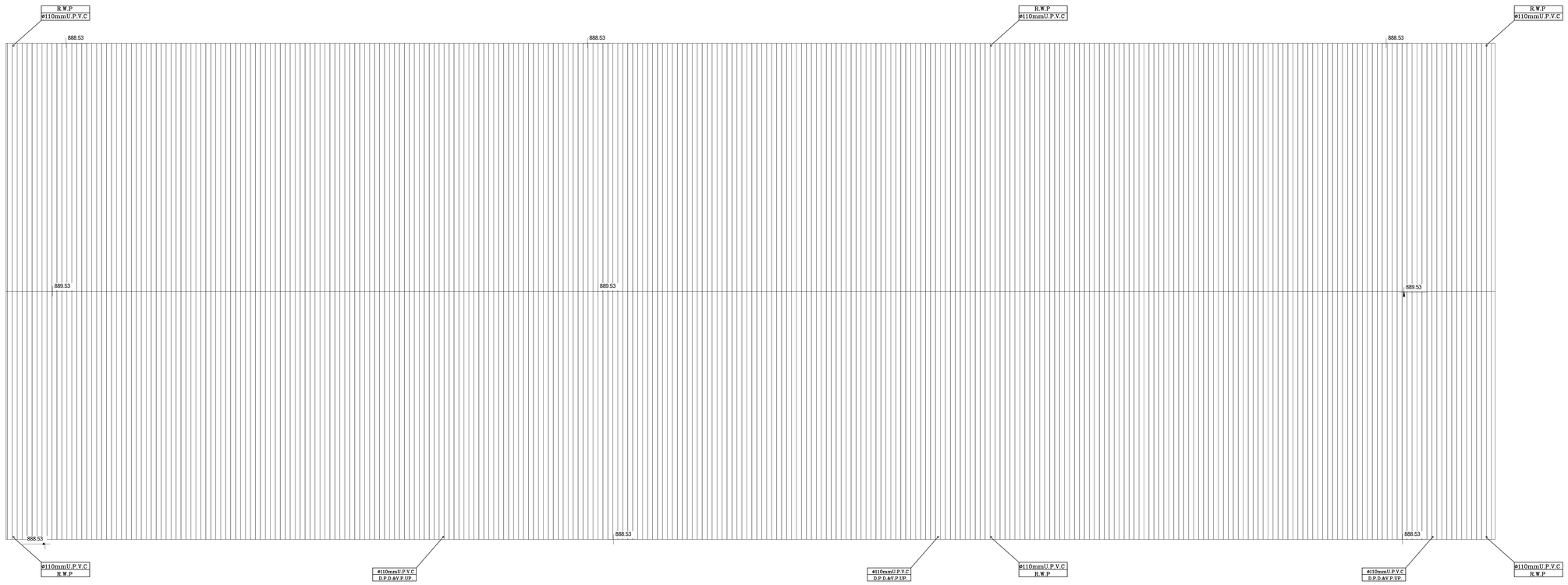
Date : 07/2024

Design by : AZZAM ATTARI

Checked by : AZZAM ATTARI

M 02

SCALE : 1:100



VANZUELLA

Vanzulla Company For Consulting
Engineering Designs
(2824)

Tel- 0795849856

Plot No.	Basin No.	Basin name	The village
234	1	الصبر السهل	ALJWAIDEH

Owner Name:

الشركة العامة الأردنية للصوامع والتموين

Drawing Name :

Roof Floor

PROJECT NUMBER : 0001

Date : 07/2024

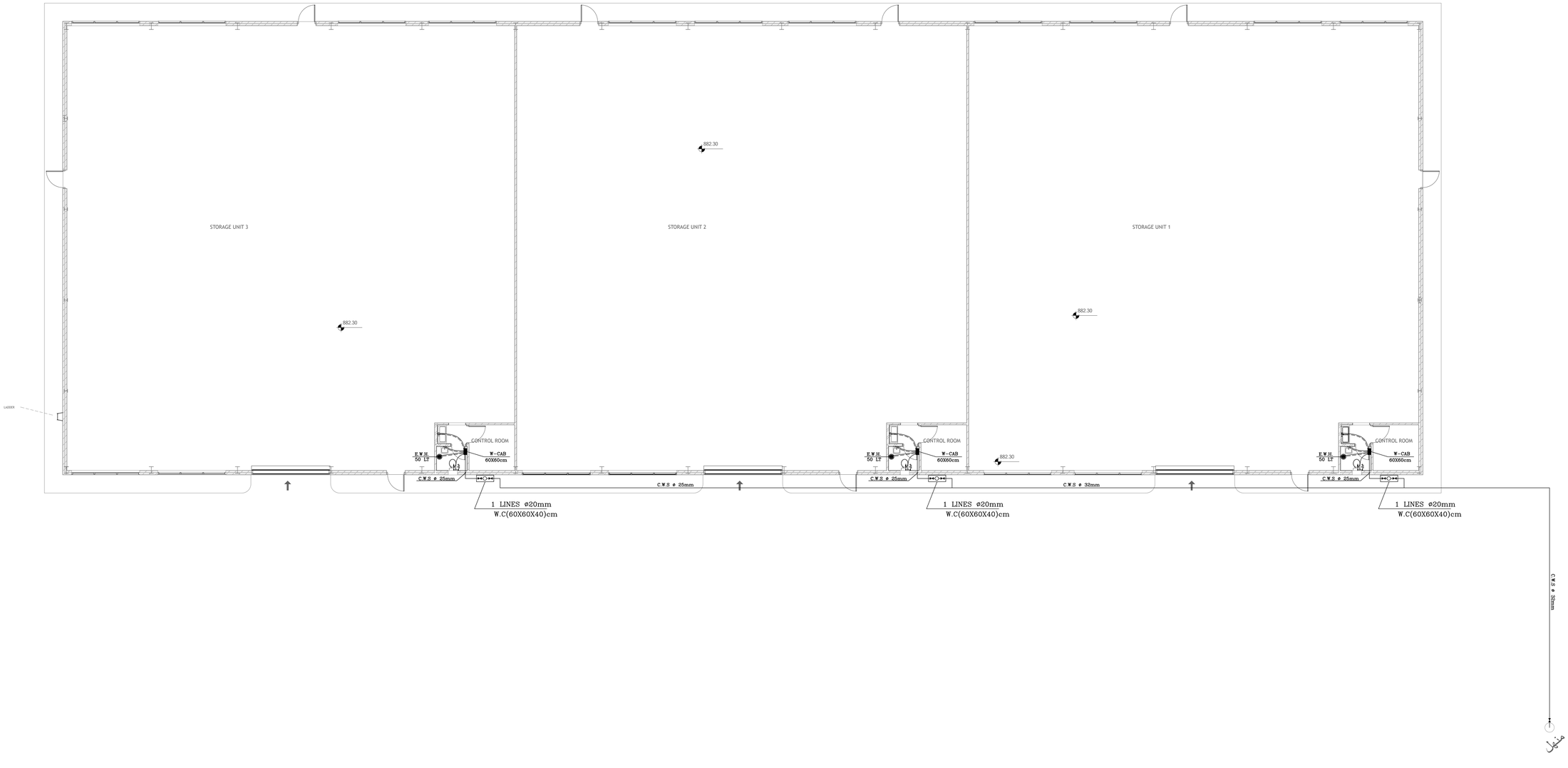
Design by : AZZAM ATTARI

Checked by : AZZAM ATTARI

M 03

SCALE : 1:100

WATER SYSTEM	
FIXTURE	WATER PEX-a PIPE D/D, SIZE ø mm
WASH BASIN	ø 16 mm
WATER CLOSET	ø 16 mm
SINK	ø 16 mm
E.W.H	ø 20 mm



VANZUELLA

Vanzulla Company For Consulting Engineering Designs (2824)

Tel- 0795849856

Plot No.	Basin No.	Basin name	The village
234	1	الصبر السهل	ALJWAIDEH

Owner Name:

الشركة العامة الأردنية للصوامع والتموين

Drawing Name :

Ground Floor WATER

PROJECT NUMBER : 0001

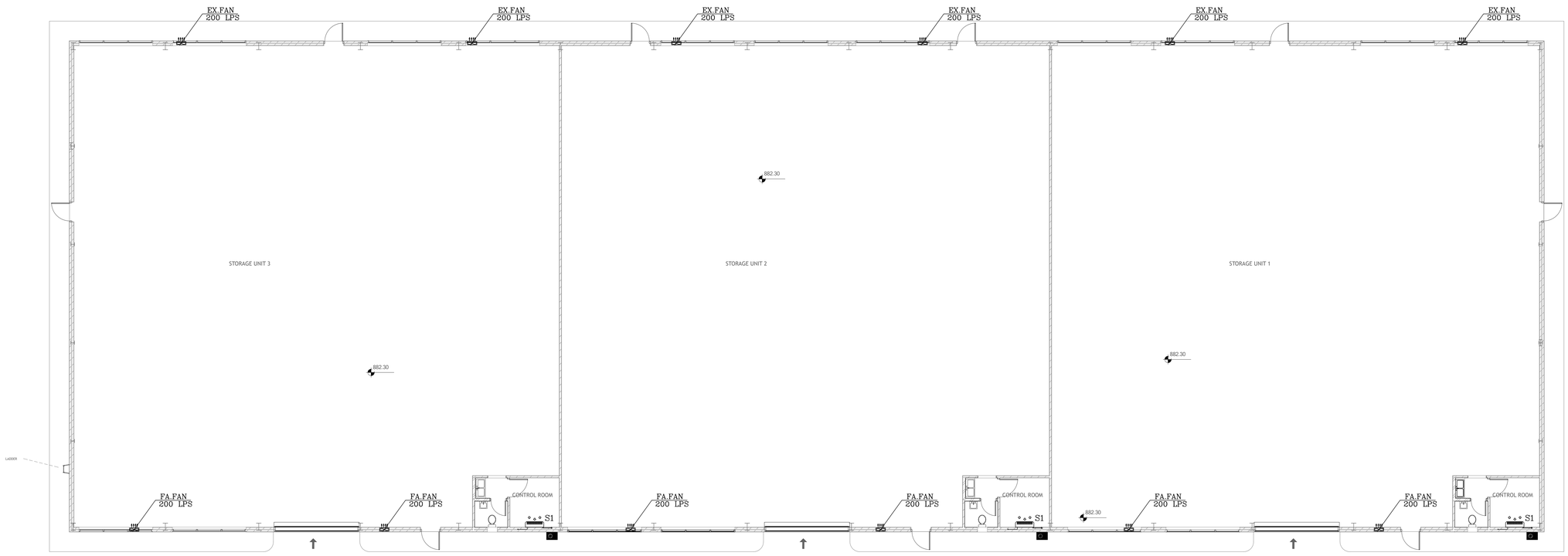
Date : 07/2024

Design by : AZZAM ATTARI

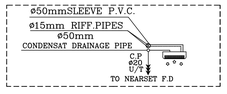
Checked by : AZZAM ATTARI

M 04

SCALE : 1:100



NOTE : THE SELECTION OF THE UNITS SHOULD BASED ON THE FOLLOWING SUMMER CONDITION :
-Indoor Temp (°C)= 24/18 °C DB/WB / - Outdoor Temp (°C)= 38 °C DB



IN DOOR UNIT SCHEDULE FOR GR FLOOR

No	LPS	COOLING LOAD TOTAL CAP. K.WATT	COOLING LOAD SENSIBL CAP. K.WATT	TON	HEATING LOAD K.WATT	VOLT	PHASE	E.L POWER K.W	QTY.
S01	201	3.5	3.0	1.0	2.5	230.0	1.0	1.20	3

FAN SCHEDULE

FAN NO.	FLOW LPS	S.P Pa	ELECTRICAL POWER	ELECTRIC CAPACITY K.W	QUANTITY	TYPE
EX.FAN.1	200	100	220v/50Hz /1Ph	0.2	6	WALL MOUNTED
FA.FAN.1	200	100	220v/50Hz /1Ph	0.2	6	WALL MOUNTED

VANZUELLA

Vanzulla Company For Consulting Engineering Designs
(2824)
Tel- 0795849856

Plot No.	Basin No.	Basin name	The village
234	1	الصبر السهل	ALJWAIDEH

Owner Name:
الشركة العامة الأردنية للصوامع والتموين

Drawing Name :
Ground Floor AC

PROJECT NUMBER : 0001

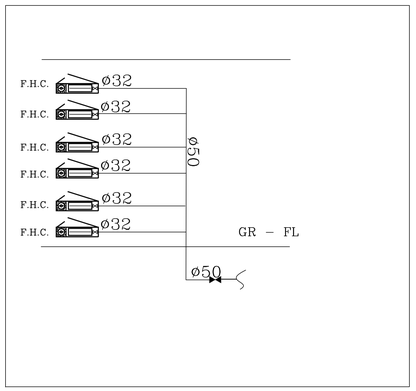
Date : 07/2024

Design by : AZZAM ATTARI

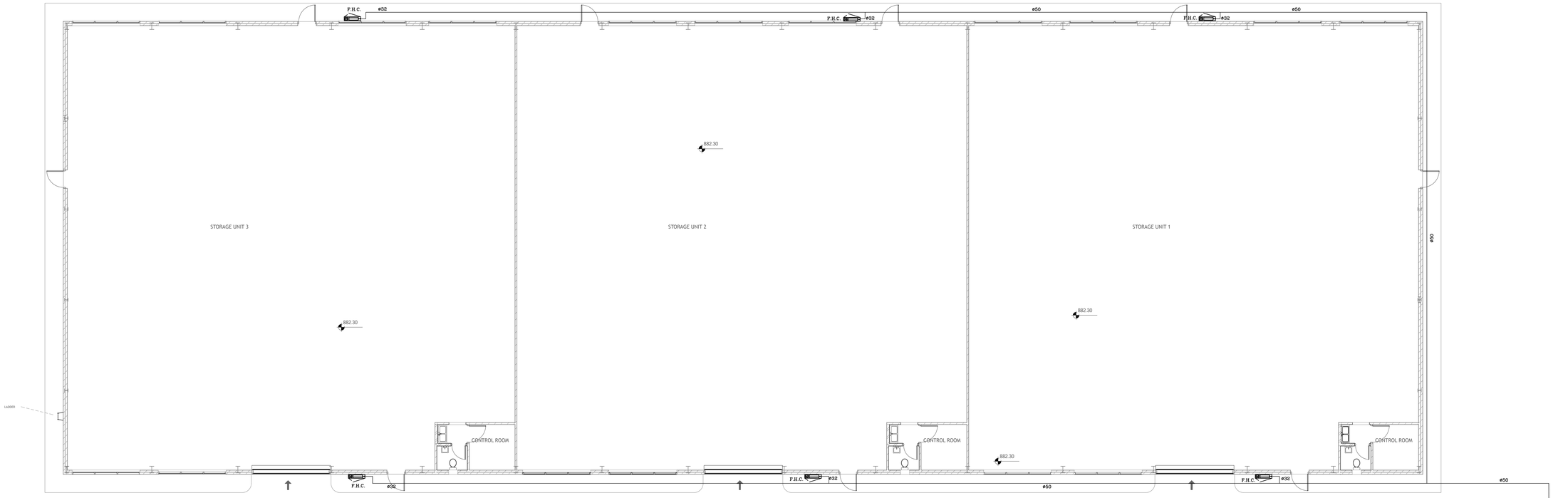
Checked by : AZZAM ATTARI

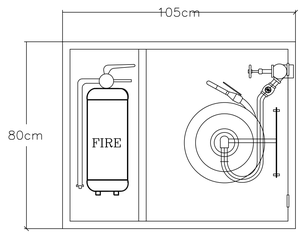
M 05

SCALE : 1:100



F.F.RISER





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Vanzulla Company For Consulting Engineering Designs (2824)

Tel- 0795849856

Plot No.	Basin No.	Basin name	The village
234	1	الصبر السهل	ALJWAIDEH

Owner Name:

الشركة العامة الأردنية للصوامع والتموين

Drawing Name :

Ground FIRE

PROJECT NUMBER : 0001

Date : 07/2024

Design by : AZZAM ATTARI

Checked by : AZZAM ATTARI

M 06

SCALE : 1:100

WATER SYSTEM SERVICES

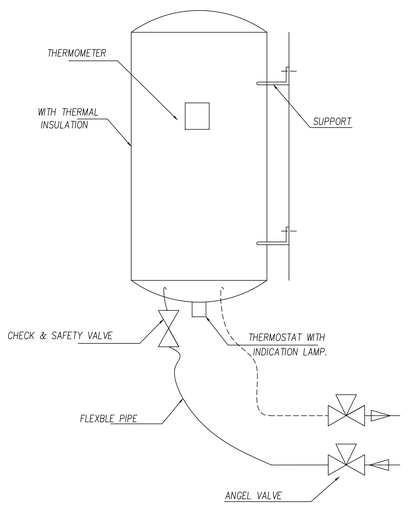
ABBR.	SYMBOL	DESIGNATION
PEX		CROSS LINKED POLYETHYLENE
F.M.W.P.		FROM MAIN WATER PIPE.
C.W.S	———	COLD WATER SUPPLY
H.W.S	--------	HOT WATER SUPPLY
H.W.R	— — — —	HOT WATER RETURN
W.C.B		WATER COLLECTOR BOX.
P		PUMP
IG		ISOLATING GATE VALVE
E.W.H.		ELEC WATER HEATER
P.V.T.		Pressure VESSEL TANK
G.V		GATE VALVE
P.C		POWER CONSUMPTION

DRAINAGE SERVICES

ABBR.	SYMBOL	DESIGNATION
C.O		CLEAN OUT OPENING
C.C.O		CEILING CLEAN OUT OPENING
F.D		FLOOR DRAIN
F.D		FLOOR DRAIN FOR RAIN WATER
MH		MANHOLE
G.T		GREASE TRAP
V.P.U		VENT PIPE UP
T.L		TOP LEVEL
D.P		DRAINAGE PIPE
I.L		INLET LEVEL
O.L		OUTLET LEVE
D.P.D		DRAINGE PIPE DOWN
U/G		UNDER GROUND
U/T		UNDER TILES

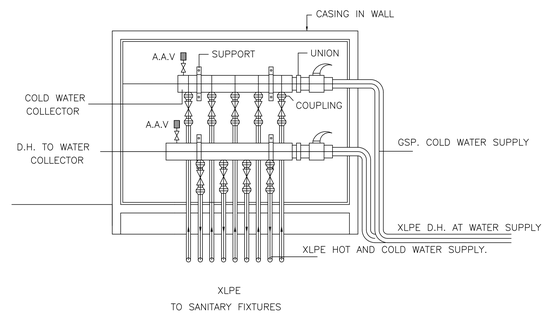
FIRE SYSTIM

ABBR.	SYMBOL	DESIGNATION
F.H.C.		FIRE HOZREEL CABINET
P.V.T		PRESSURE VESSEL TANK
P		FIRE FIGHTING PUMP.
H/L		HIGH LEVEL
F.F.W.R.		FIRE FIGHTING WATER RISER
F.F.M.W.P.S.		FIRE FIGHTING MAIN WATER PIPE SUPPLY
Q		PUMP OF FLOW
H		PUMP OF HEAD

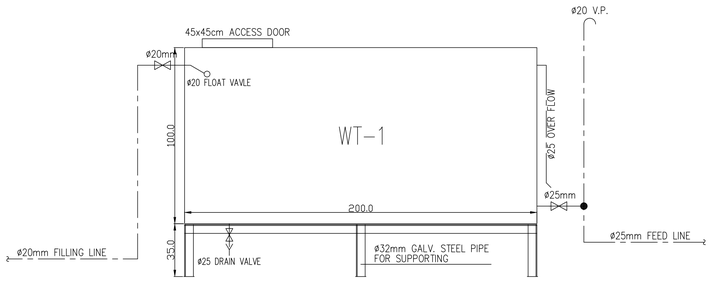


STORAGE ELECTRICAL HOT WATER HEATER (EWH)

N.T.S



TYPICAL DETAIL OF WATER DISTRIBUTION BOX



** WATER TANK CONNECTION DETAIL **

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Tel- 0795849856

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234	1	الصبر السهل	ALJWAIDEH

Owner Name:

الشركة العامة الأردنية للصوامع والتموين

Drawing Name : DETAILS

PROJECT NUMBER : 0001

Date : 07/2024

Design by : AZZAM ATTARI

Checked by : AZZAM ATTARI

M 07

SCALE : 1:100

ELEC. SYMBOLS POWER Schedule

SYMBOL	DESCRIPTION
D.B.	FINAL DISTRIBUTION BOARD (DB)
S.M.D.B.	SUB Main Distribution Board.
M.T.C T.J.B 10 PAIR	Main Telephone Terminal Box. 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).
TV	T.V. AND SATELLITE SYSTEM SOCKET OUTLET
EWH	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
	IP65, surface mounted light,round ceiling led 15 watt for bathroom light Lamp Luminous Flux(lm):1100 LM IP Rating: IP65 waterproof Dimension: ø200x20mm
	High Bay Lights LED Light Source: Lamp Power(W): 100 Lamp Luminous Flux(lm): 15000 IP Rating: IP20
100 W.P.	100W Waterproof LED Floodlight with CE RoHS Approval IP Rating: IP65 Operating Voltage: 110-240V Lumens: 10000lm
EXIT	1x8W LED SELF CONTAINED LIGHTING FIXTURE WITH BATTERIES FOR 3 HOURS MAIN SUPPLY FAILURE, For Ceiling Or Wall Mounting.
EM.	Ditto,But Non-Maintained Eixt Sing.
	LED CEILING LUMINAIRE (SQUARE SPOT) LUMINAIRE CONNECTED WATTAGE 24W IP-20 LUMINOUS FLUX 2400 LM,

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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Tel- 0795849856

Plot No.	Basin No.	Basin name	The village
234	1	القصير الجهل	ALJWAIDEH

Owner Name:

الشركة العامة الأردنية للصوامع والتموين

Drawing Name :
ELECTRICAL SYMBOL

PROJECT NUMBER : 0001

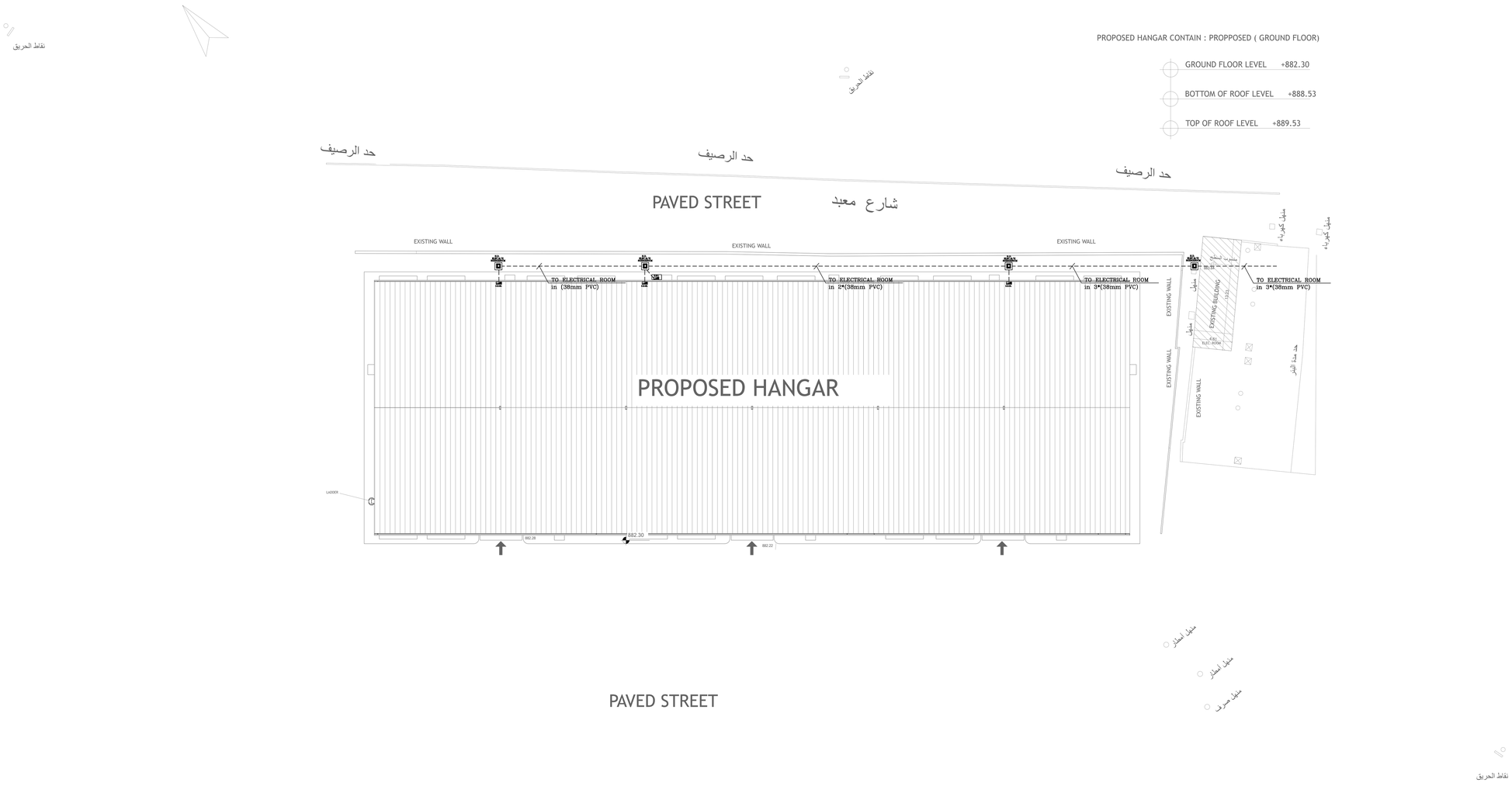
Date : 07/2024

Design by :
Shatha ALkarareh 411388

Checked by :
Shatha ALkarareh 411388

E 01

SCALE : 1:100



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(2824)

Tel- 0795849856

Plot No.	Basin No.	Basin name	The village
234	1	القصير السهل	ALJWAIDEH

Owner Name:

الشركة العامة الأردنية للصوامع والتموين

Drawing Name :

ROUTING
SITE PLAN

PROJECT NUMBER : 0001

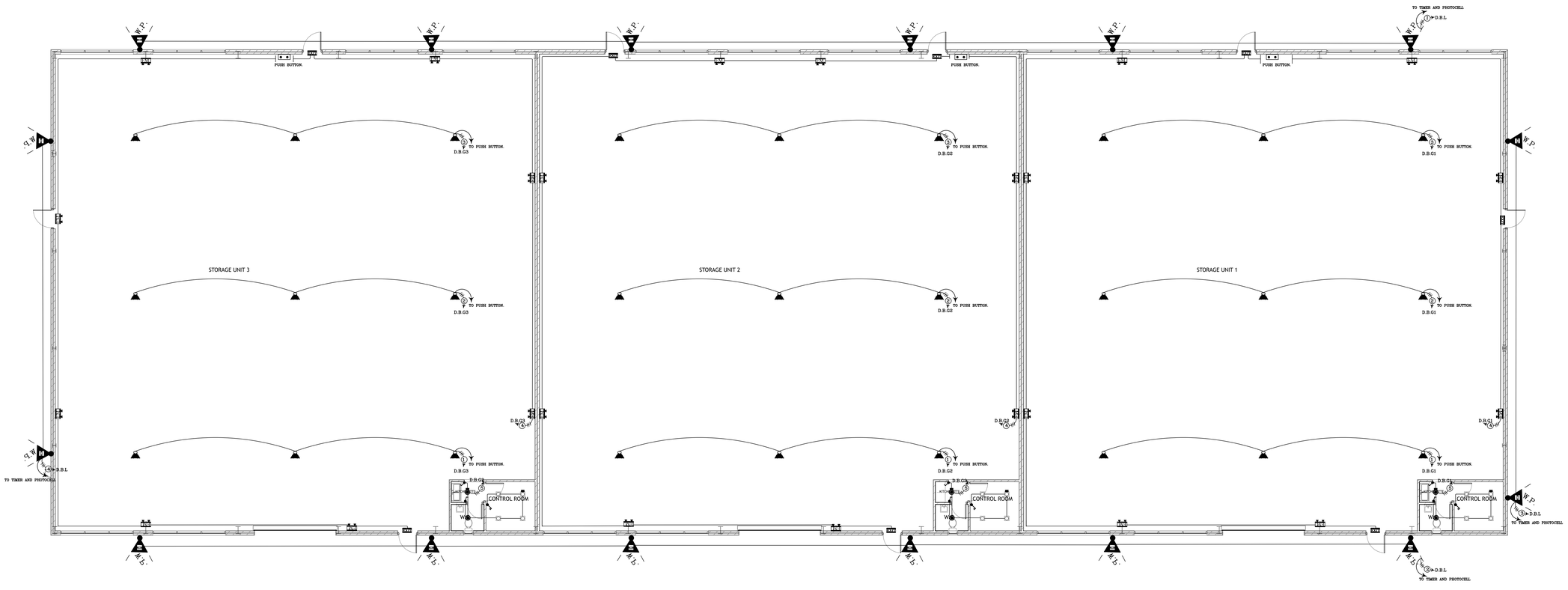
Date : 07/2024

Design by :
Shatha ALkarareh 411388

Checked by :
Shatha ALkarareh 411388

E 02

SCALE : 1:200



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Tel- 0795849856

Plot No.	Basin No.	Basin name	The village
234	1	القصير السهل	ALJWAIDEH

Owner Name:

الشركة العامة الأردنية للصوامع والتموين

Drawing Name :
LIGHTING
Ground Floor

PROJECT NUMBER : 0001

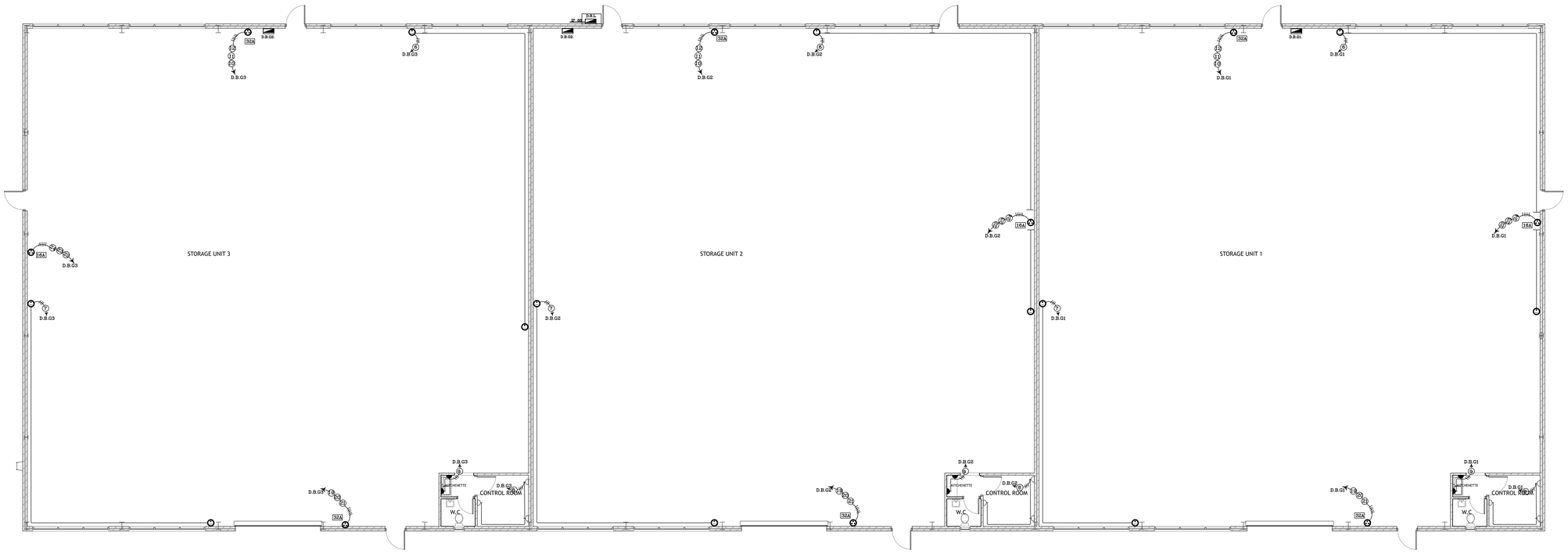
Date : 07/2024

Design by :
Shatha ALkarareh 411388

Checked by :
Shatha ALkarareh 411388

E 03

SCALE : 1:100



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(2824)

Tel- 0795849856

Plot No.	Basin No.	Basin name	The village
234	1	القصير السهل	ALJWAIDEH

Owner Name:

الشركة العامة الأردنية للصوامع والتموين

Drawing Name :

POWER
Ground Floor

PROJECT NUMBER : 0001

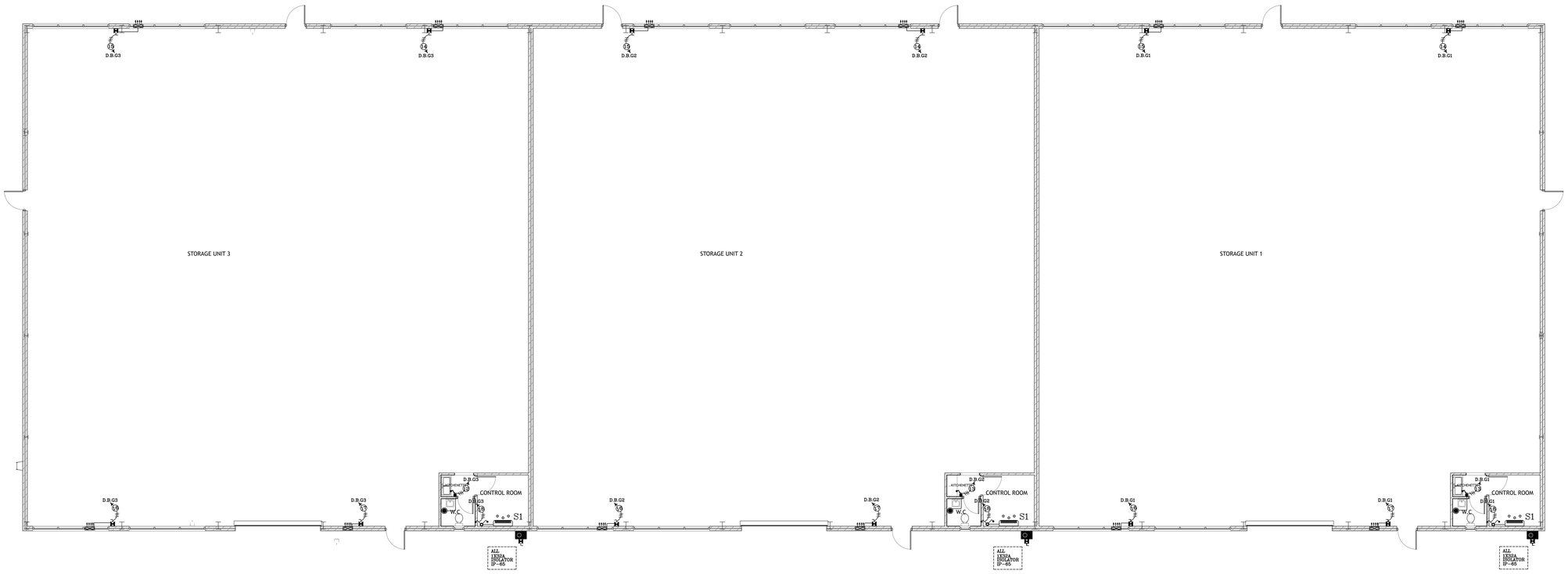
Date : 07/2024

Design by :
Shatha ALkarareh 411388

Checked by :
Shatha ALkarareh 411388

E 04

SCALE : 1:100



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(2824)

Tel- 0795849856

Plot No.	Basin No.	Basin name	The village
234	1	القصير السهل	ALJWAIDEH

Owner Name:

الشركة العامة الأردنية للصوامع والتموين

Drawing Name :

POWER FOR MECHANICAL
Ground Floor

PROJECT NUMBER : 0001

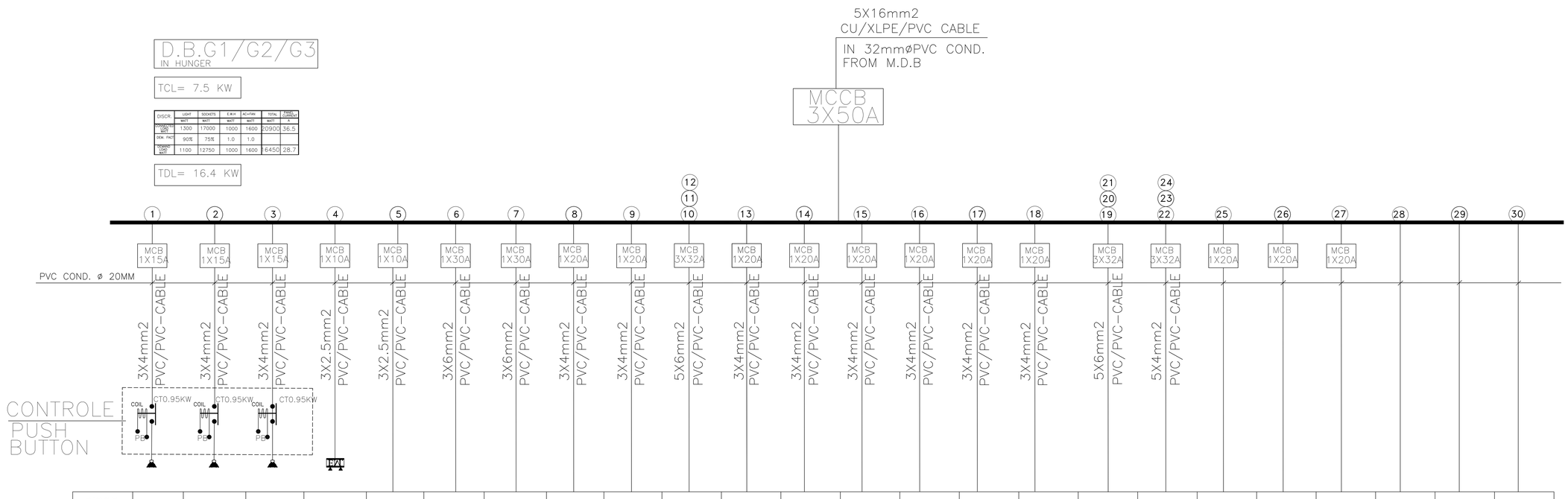
Date : 07/2024

Design by :
Shatha ALkarareh 411388

Checked by :
Shatha ALkarareh 411388

E 05

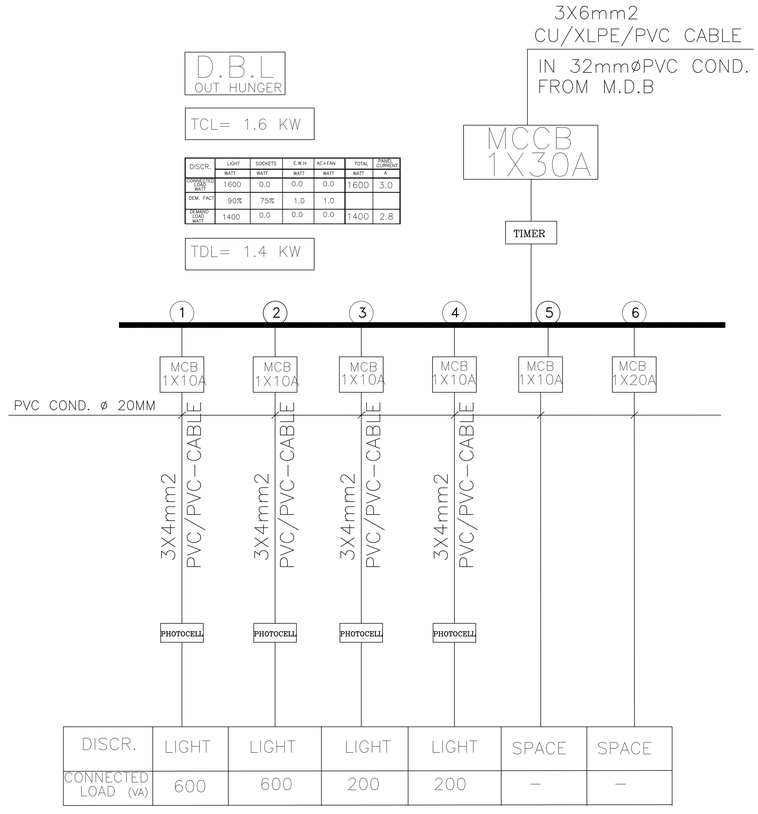
SCALE : 1:100



DISCR.	LIGHT	SOCKETS	E.W.H	AC+FAN	TOTAL	PANEL CURRENT
	WATT	WATT	WATT	WATT	WATT	A
CONNECTED LOAD WATT	1300	17000	1000	1600	20900	36.5
DEM. FACT	90%	75%	1.0	1.0		
DEMAND LOAD WATT	1100	12750	1000	1600	6450	28.7

1	2	3	4	5	6	7	8	9	10 (11 12)	13	14	15	16	17	18	19 (20 21)	22 (23 24)	25	26	27	28	29	30
MCB 1X15A	MCB 1X15A	MCB 1X15A	MCB 1X10A	MCB 1X10A	MCB 1X30A	MCB 1X30A	MCB 1X20A	MCB 1X20A	MCB 3X32A	MCB 1X20A	MCB 1X20A	MCB 1X20A	MCB 1X20A	MCB 1X20A	MCB 1X20A	MCB 3X32A	MCB 3X32A	MCB 1X20A	MCB 1X20A	MCB 1X20A			
3X4mm2 PVC/PVC-CABLE	3X4mm2 PVC/PVC-CABLE	3X4mm2 PVC/PVC-CABLE	3X2.5mm2 PVC/PVC-CABLE	3X2.5mm2 PVC/PVC-CABLE	3X6mm2 PVC/PVC-CABLE	3X6mm2 PVC/PVC-CABLE	3X4mm2 PVC/PVC-CABLE	3X4mm2 PVC/PVC-CABLE	5X6mm2 PVC/PVC-CABLE	3X4mm2 PVC/PVC-CABLE	3X4mm2 PVC/PVC-CABLE	3X4mm2 PVC/PVC-CABLE	3X4mm2 PVC/PVC-CABLE	3X4mm2 PVC/PVC-CABLE	3X4mm2 PVC/PVC-CABLE	5X6mm2 PVC/PVC-CABLE	5X4mm2 PVC/PVC-CABLE						

DISCR.	LIGHT	LIGHT	LIGHT	LIGHT	LIGHT	SOCKETS	SOCKETS	SOCKETS	SOCKETS	SOCKETS	E.W.H	FAN	FAN	FAN	FAN	AC	SOCKETS	SOCKETS	SPARE	SPARE	SPARE	SPACE	SPACE	SPACE
CONNECTED LOAD (VA)	300	300	300	200	200	1000	1000	600	800	6000	1000	200	200	200	200	1200	6000	3000	–	–	–	–	–	–



DISCR.	LIGHT	LIGHT	LIGHT	LIGHT	LIGHT	LIGHT
	WATT	WATT	WATT	WATT	WATT	WATT
CONNECTED LOAD WATT	1600	0.0	0.0	0.0	1600	3.0
DEM. FACT	90%	75%	1.0	1.0		
DEMAND LOAD WATT	1400	0.0	0.0	0.0	1400	2.8

1	2	3	4	5	6	
MCB 1X10A	MCB 1X10A	MCB 1X10A	MCB 1X10A	MCB 1X10A	MCB 1X20A	
3X4mm2 PVC/PVC-CABLE	3X4mm2 PVC/PVC-CABLE	3X4mm2 PVC/PVC-CABLE	3X4mm2 PVC/PVC-CABLE			

DISCR.	LIGHT	LIGHT	LIGHT	LIGHT	SPACE	SPACE
CONNECTED LOAD (VA)	600	600	200	200	–	–

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234	1	القصير الجهل	ALJWAIDEH

Owner Name:

الشركة العامة الأردنية للصوامع والتموين

Drawing Name :

ELECTRICAL CALCULATIONS

PROJECT NUMBER : 0001

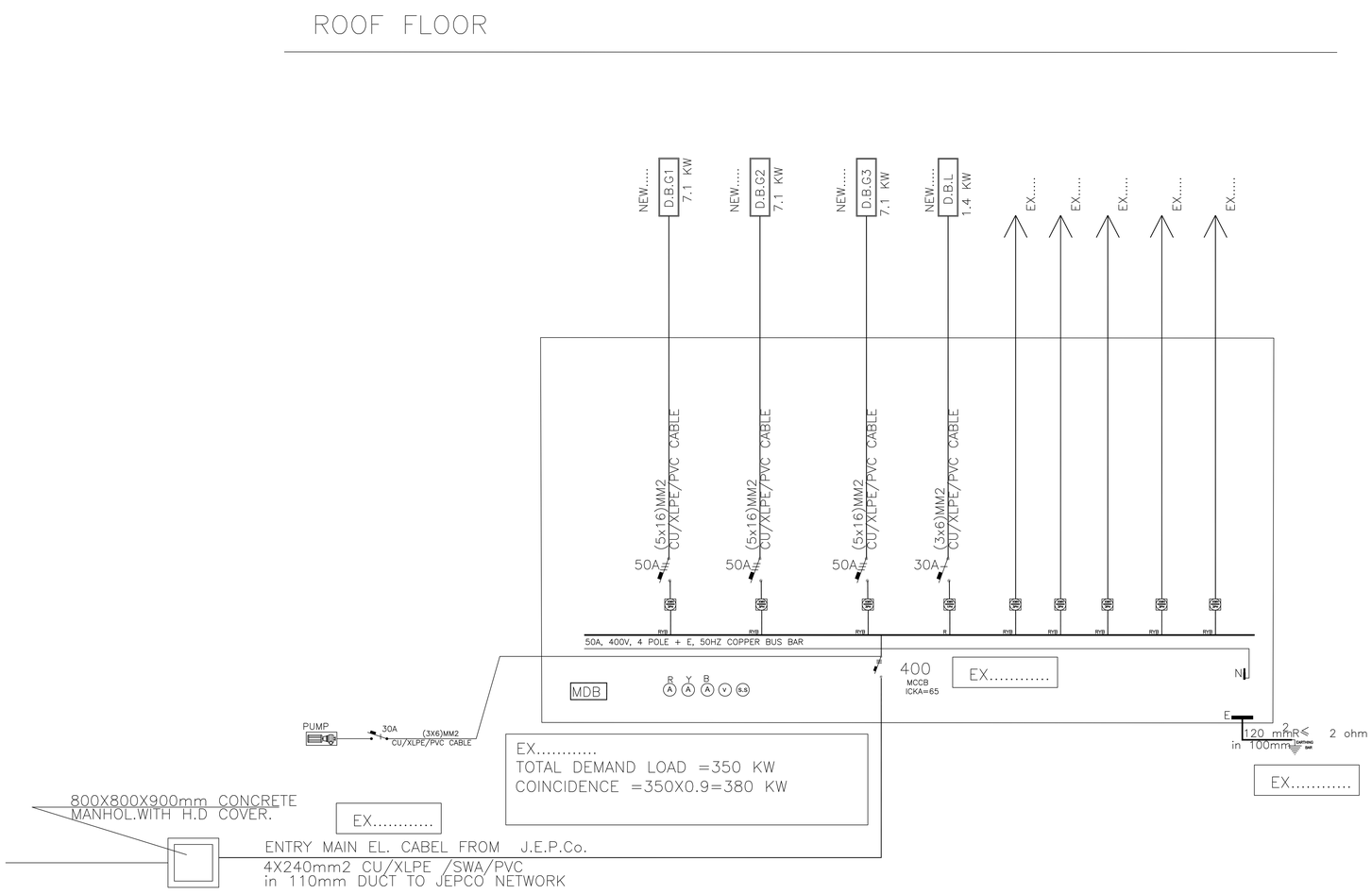
Date : 07/2024

Design by :
Shatha ALkarareh 411388

Checked by :
Shatha ALkarareh 411388

E 06

SCALE : 1:100



POWER
RISER DIAGRAM

VANZUELLA

Vanzulla Company For Consulting Engineering Designs
(2824)

Tel- 0795849856

Plot No.	Basin No.	Basin name	The village
234	1	القصير السهل	ALJWAIDEH

Owner Name:

الشركة العامة الأردنية للصوامع والتموين

Drawing Name :

ELECTRICAL CALCULATIONS

PROJECT NUMBER : 0001

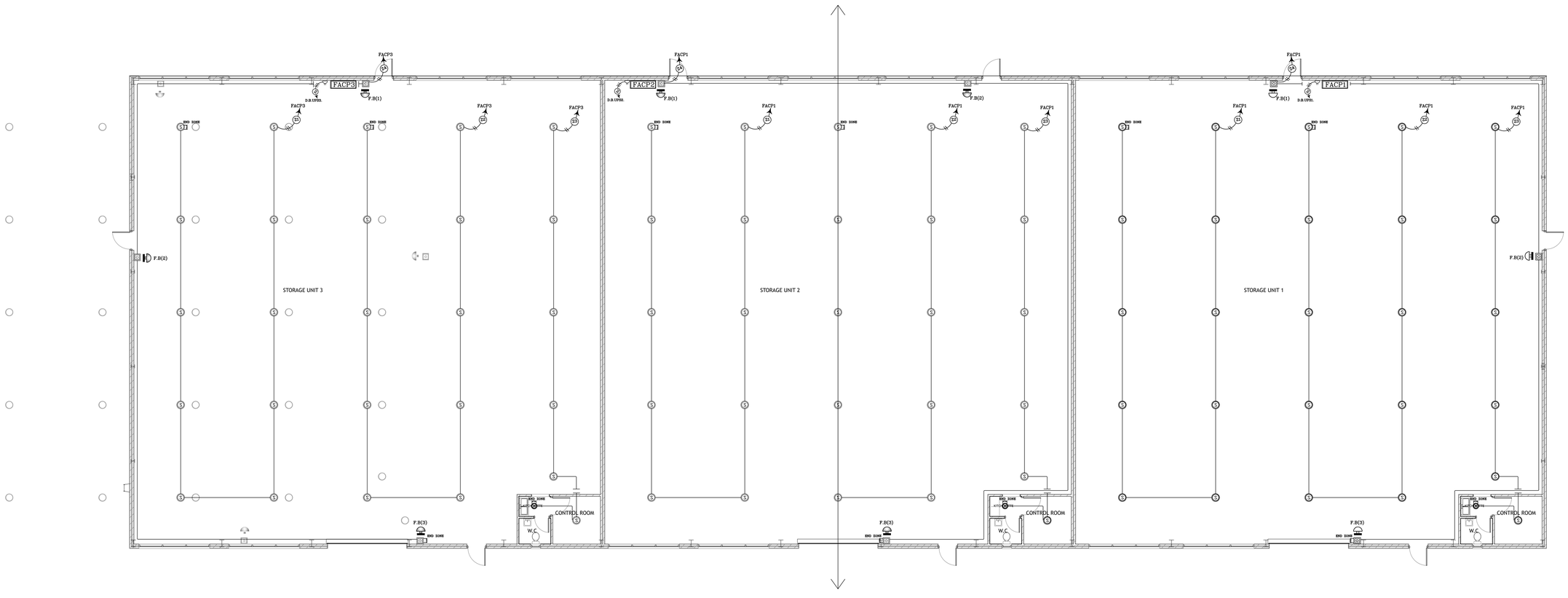
Date : 07/2024

Design by :
Shatha ALkarareh 411388

Checked by :
Shatha ALkarareh 411388

E 07

SCALE : 1:100



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(2824)

Tel- 0795849856

Plot No.	Basin No.	Basin name	The village
234	1	القصير السهل	ALJWAIDEH

Owner Name:

الشركة العامة الأردنية للصوامع والتموين

Drawing Name :
FIRE ALARM
Ground Floor

PROJECT NUMBER : 0001

Date : 07/2024

Design by :
Shatha ALkarareh 411388

Checked by :
Shatha ALkarareh 411388

E 8

SCALE : 1:100

FIRE ALARM LEGEND

SYMBOL	DESCRIPTION
FACP	FIRE ALARM CONTROL PANAL.
S	SMOKE DETECTOR
H	HEAT DETECTOR.
OD	OPTICAL DETECTOR
P	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.

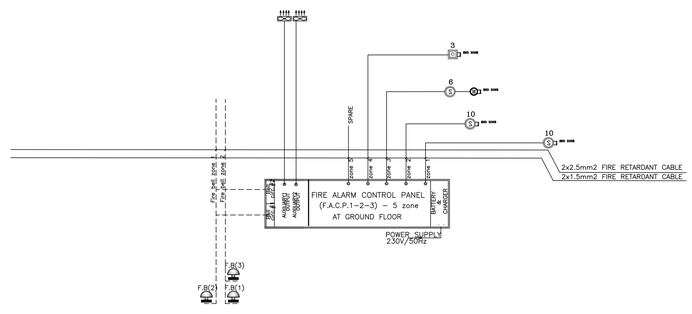
*The consruction height from FFL:
-FACP: 1.65m.
-Break glass: 1.25m.
-Flasher: 2.25m.

*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

VANZUELLA

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Tel- 0795849856

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234	1	الضمير السهل	ALJWAIDEH

Owner Name:

الشركة العامة الأردنية للصوامع والتموين

Drawing Name :
FIRE ALARM
RIZER

PROJECT NUMBER : 0001

Date : 07/2024

Design by :
Shatha ALkarareh 411388

Checked by :
Shatha ALkarareh 411388

E 9

SCALE : 1:100