

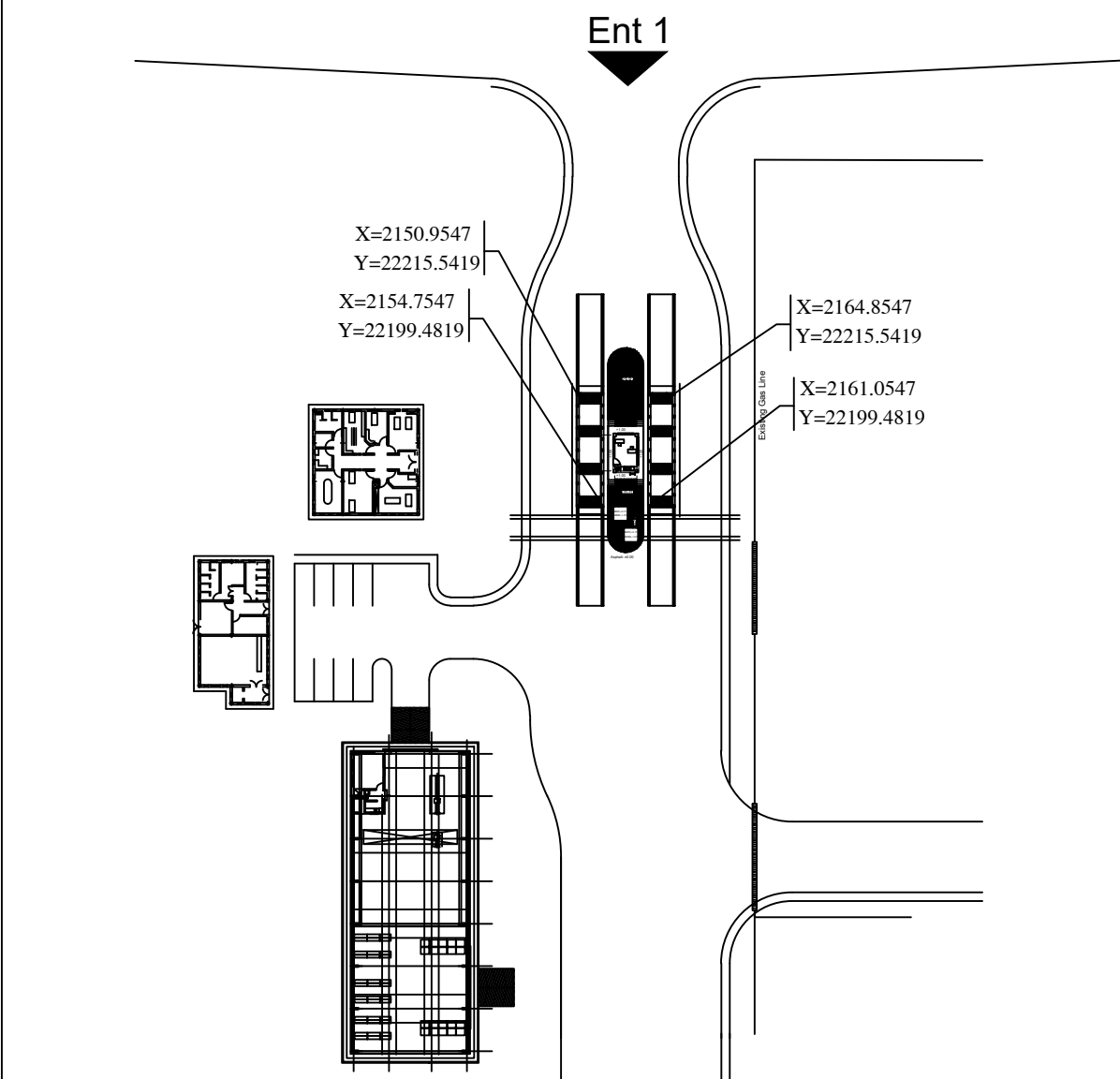
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ELECTRICAL DRAWING FOR WEIGHING STATION

REFERENCES

NOTE

KEY PLAN



00	29 JUN 2026	FIRST ISSUED FOR DETAIL DESIGN	M.KHAVARI	F.NIKNAM	A.MONFARED
Rev.	Date	Revisions description	Prepared	Checked	Approved

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شرکت مهندسی

CONTRACTOR:

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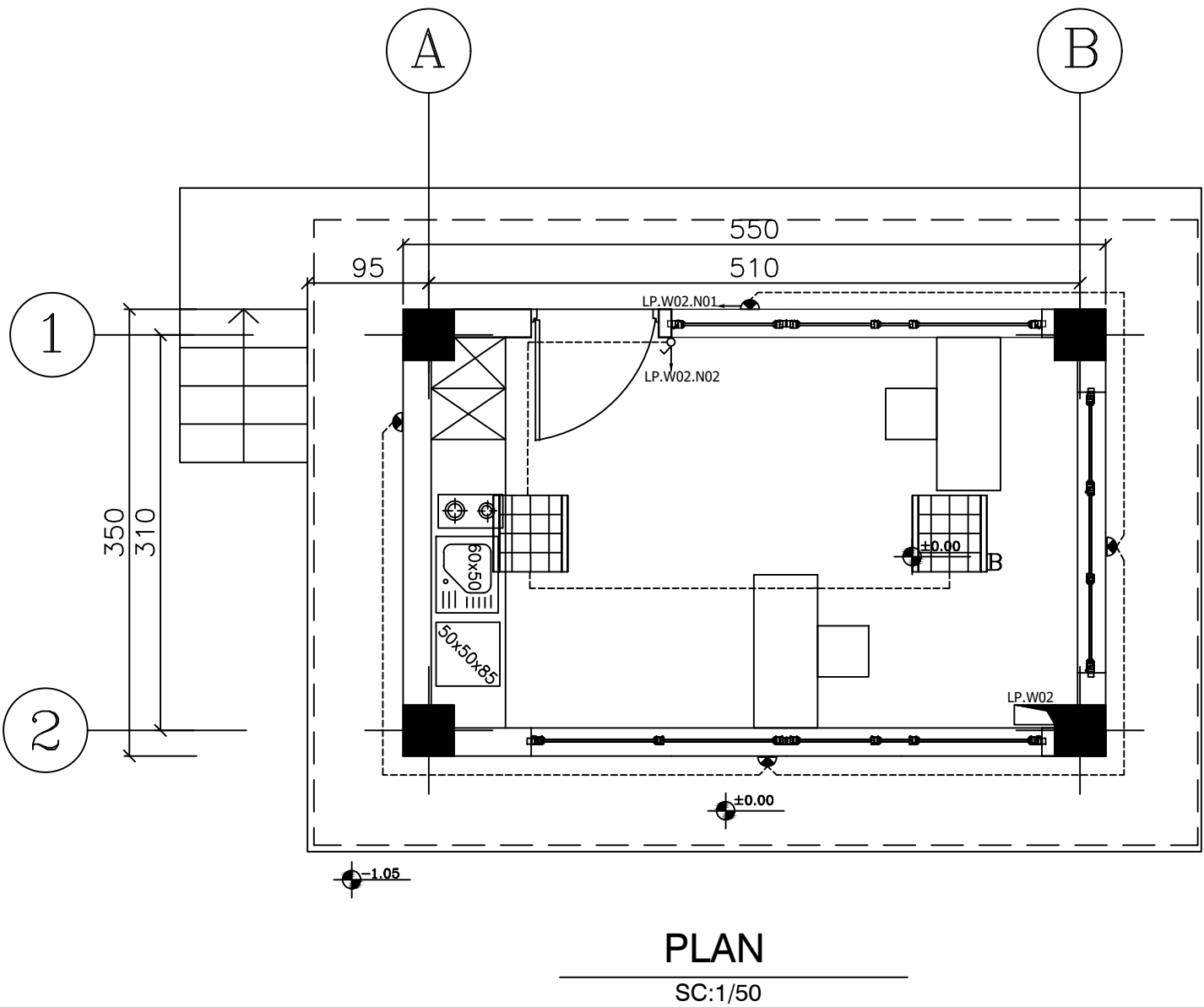
	Name	Date:	Sign.	CLIENT DOC . NO.	
Approved	A.MONFARED	1405.04.08	--	S-LM01-D-LIM-WHS-DWG-EL-001	
Checked:	F.NIKNAM	1405.04.08	--	PROJECT NO.:	
Designed:	M.KHAVARI	1405.04.08	--	SCALE 1:100	DOC CLASS NO.: --

PROJECT: LIME PLANT WEIGHING STATION

DRAWING TITLE: ELECTRICAL DRAWING FOR FOR WEIGHING STATION

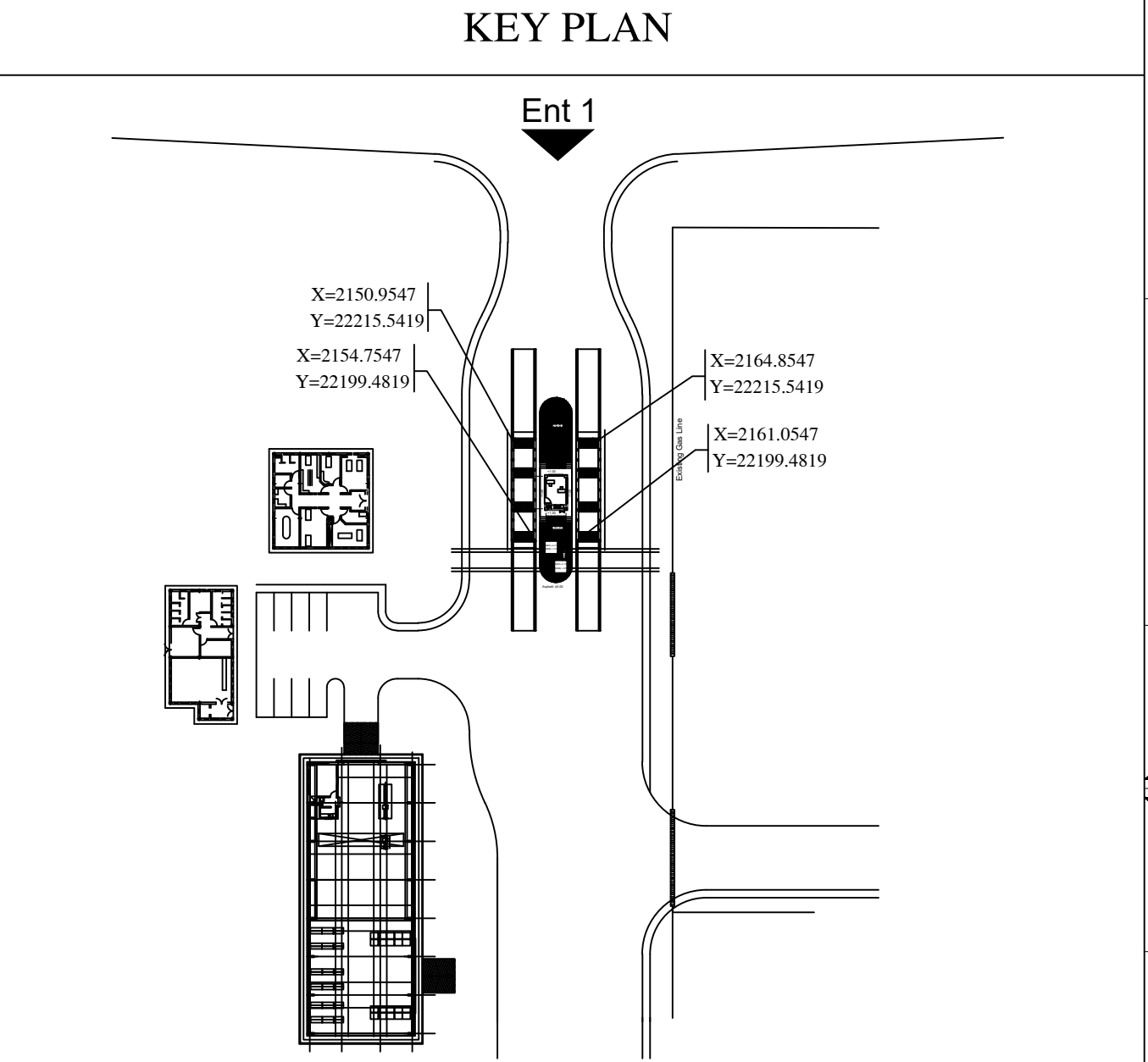
DRAWING NO.										
REGION CODE	PROJECT CODE	SUB PHASE CODE	AREA CODE	UNIT CODE	DOC TYPE CODE	DISCIPLINE CODE	SERIAL NO	REV	SIZE	SHEET
S	LM01	D	LIM	WHS	DWG	EL	001	0	A1	1/13

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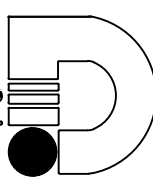
LEGEND			
SYMBOL	DESCRIPTION	UNIT	QTY
	LED LUMINARY, SURFACE CEILING MOUNTED WITH 4500LM 37W RECESSED LED LIGHT PANEL, IP42	No.	1
	SAME AS ABOVE ITEM BUT WITH BATTERY BACKUP	No.	1
	CRP BODY, PC DIFFUSER LUMINARY, EXPLOSION PROOF 2x36W DUST AND MOISTURE PROOF LINEAR LED LUMINARY, SUSPENDED, PC DIFFUSER, SURFACE WALL MOUNTED, IP54	No.	0
	LED LUMINARY, 950LM 15W, IP66, WALL MOUNTED, DIE-CAST AL. ROUND LUMINARY, 3000 K, GLASS DIFFUSER, I.H.:+2.5M.	No.	4
	ONE POLE SWITCH, 1 GANG, 1 WAY, SURFACE MOUNTED, IP42	No.	1
	2 POLE SWITCH, 1 GANG, 2 WAY, SURFACE MOUNTED, IP42	No.	0
	SURFACE MOUNTED POWER CIRCUIT IN HOT DEEP GALVANIZED Pg16 CONDUIT, 3x2.5mm ² NYY-J.	m	-
	SURFACE WALL MOUNTED ELECTRICAL PANEL BOARD, IP42, CONSTRUCTED OF COLD ROLLED STEEL 2mm IN THICKNESS CABLE ENTRY FROM BOTTOM, RAL 7032.	No.	1

REFERENCES			
NOTE			
1- THE PANELS SHALL BE INSTALLED ON THE WALL AT 1.2m FROM FINISHED FLOOR LEVEL. 2- ALL SWITCHES SHOULD BE INSTALLED AT 1.2m FROM FINISHED FLOOR LEVEL. 3- FOR CABLE & CABLING TYPE, REFFER TO SINGLE LINE DIAGRAM DOCUMENT. 4- FOR LIGHTING FIXTURES WITH SAFETY BACK UP BATTERY , SEE "DETAIL A".			



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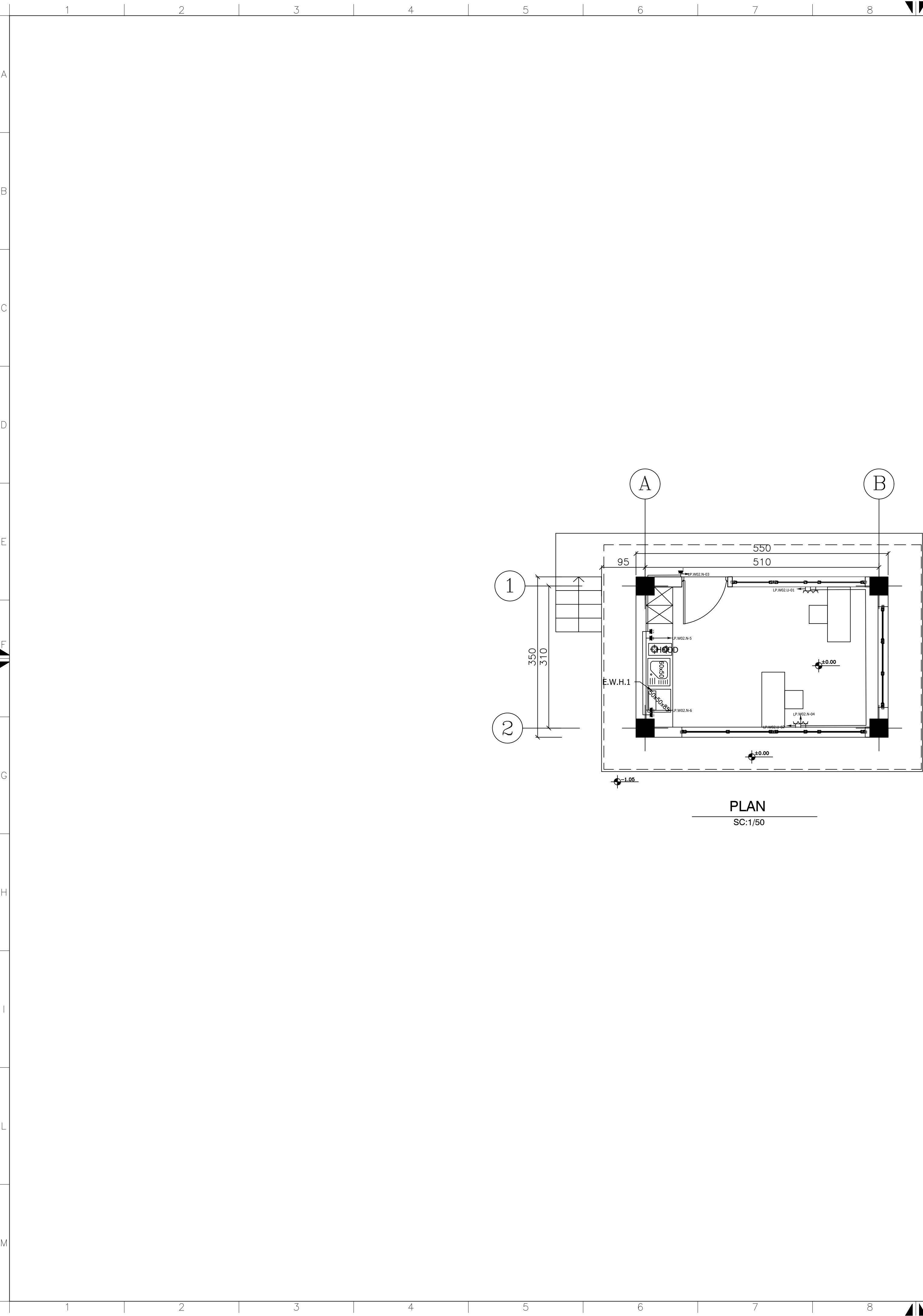
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CONTRACTOR:				SUBCONTRACTOR:					

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Designed:	M.KHAVARI	1405.04.08	— —	SCALE 1:100	DOC CLASS NO.: — —					

PROJECT: LIME PLANT WEIGHING STATION										
DRAWING TITLE: LIGHTING SYSTEM LAYOUT FOR WEIGHING STATION										
DRAWING NO.										

REGION CODE	PROJECT CODE	SUB PHASE CODE	AREA CODE	UNIT CODE	DOC TYPE CODE	DISCIPLINE CODE	SERIAL NO	REV	SIZE	SHEET
S	LM01	D	LIM	WHS	DWG	EL	001	0	A1	2/13

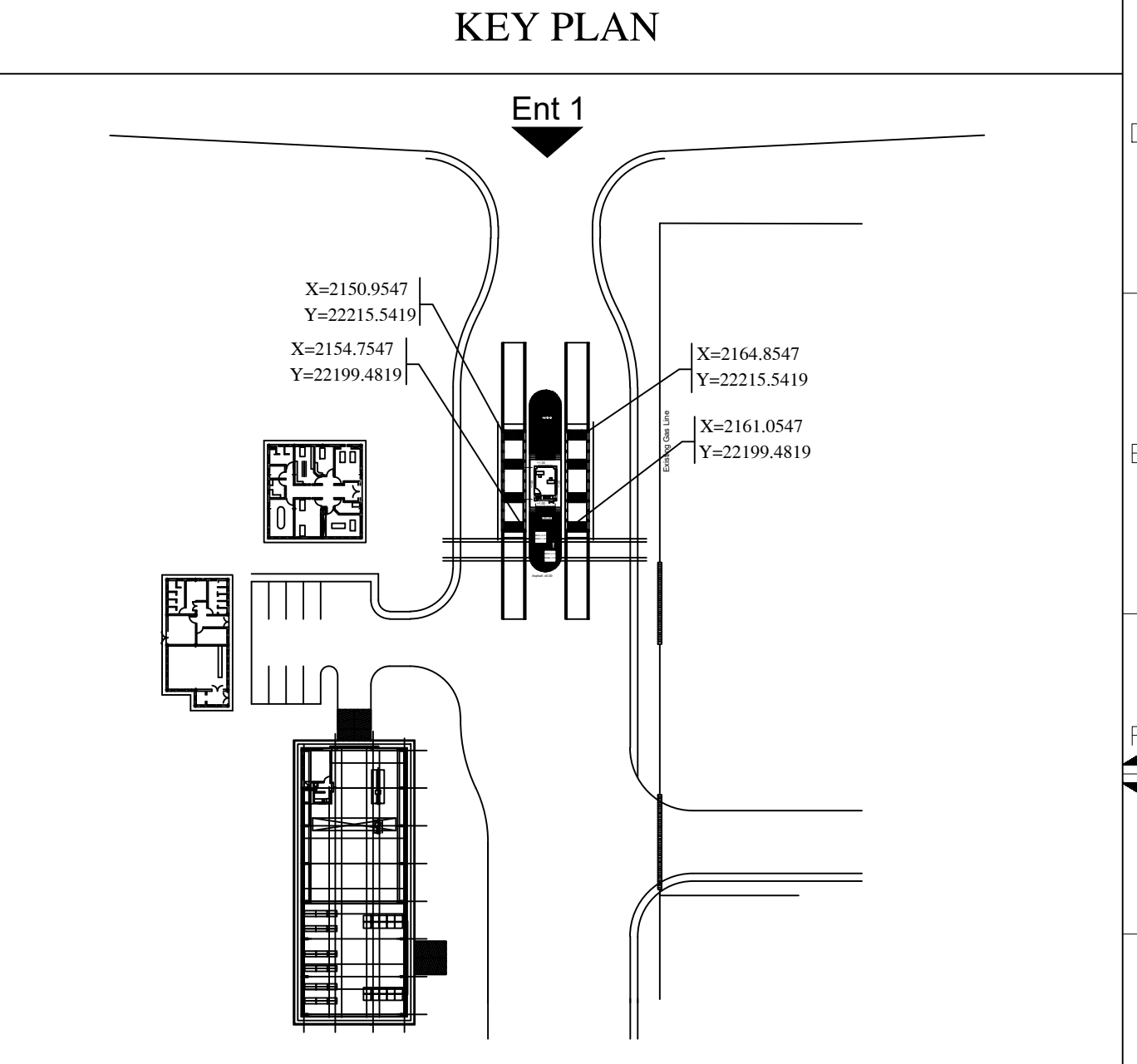
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LEGEND			
SYMBOLE	DESCRIPTION	UNIT	QTY
	SINGLE PHASE POWER SOCKET OUTLET (1PH+N+PE), 250V, SURFACE MOUNTED, WITH EARTH CONTACT, 16A, IP42	No.	6
	SINGLE PHASE SOCKET (1PH+N+PE), 250V, SURFACE MOUNTED, WITH EARTH CONTACT, 16A, IP54	No.	5
	SURFACE MOUNTED POWER CIRCUIT 3x4mm ² NYY-J IN HOT DEEP GALVANIZED Pg16 CONDUIT.	m	—

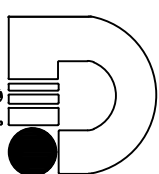
REFERENCES			

NOTE			
1- THE PANELS SHALL BE INSTALLED ON THE WALL AT 1.2m FROM FINISHED FLOOR LEVEL.			
2-INSTALLATION HEIGHT OF POWER SOCKET OUTLETS SHOULD BE +1.2m ABOVE FINISHED FLOOR.			



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CONTRACTOR:				SUBCONTRACTOR:			

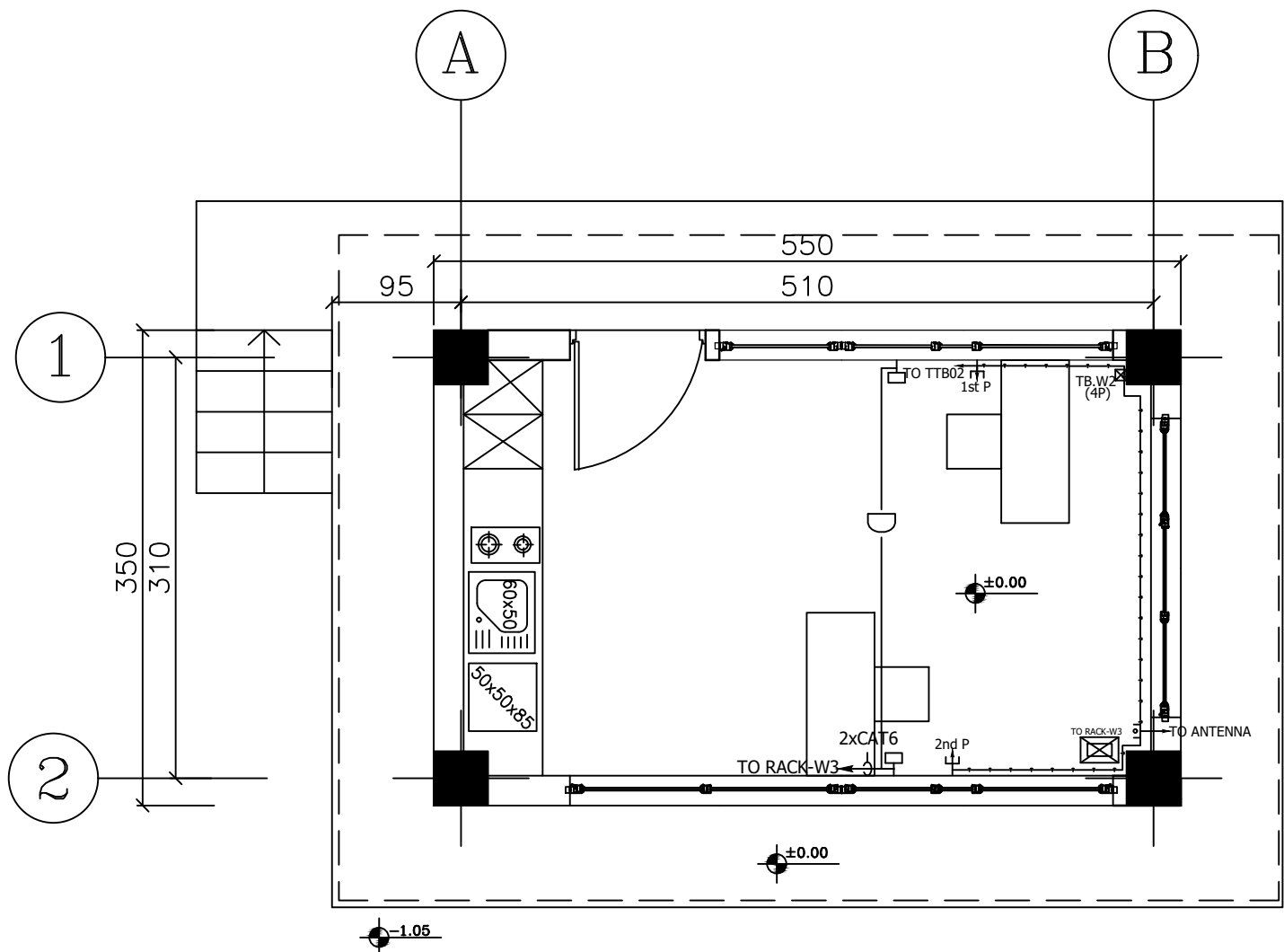
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Designed:	M.KHAVARI	1405.04.08	— —	SCALE 1:100	DOC CLASS NO.: — —	

PROJECT: LIME PLANT WEIGHING STATION

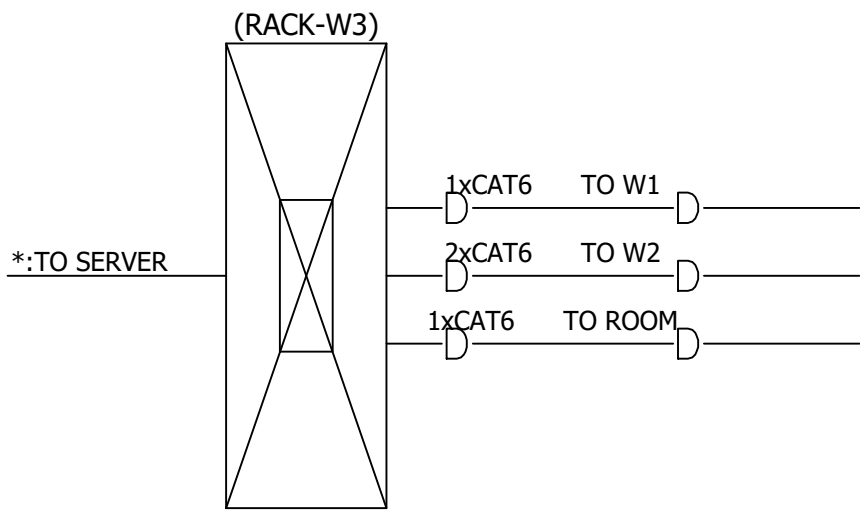
DRAWING TITLE: POWER SOCKET SYSTEM LAYOUT FOR WEIGHING STATION

DRAWING NO.										
REGION CODE	PROJECT CODE	SUB PHASE CODE	AREA CODE	UNIT CODE	DOC TYPE CODE	DISCIPLINE CODE	SERIAL NO	REV	SIZE	SHEET
S	LM01	D	LIM	WHS	DWG	EL	001	0	A1	3/13

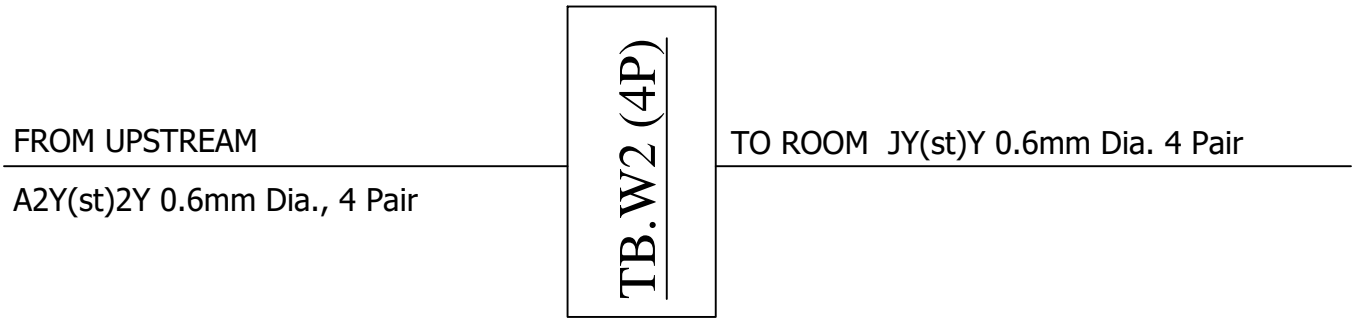
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PLAN
SC:1/50

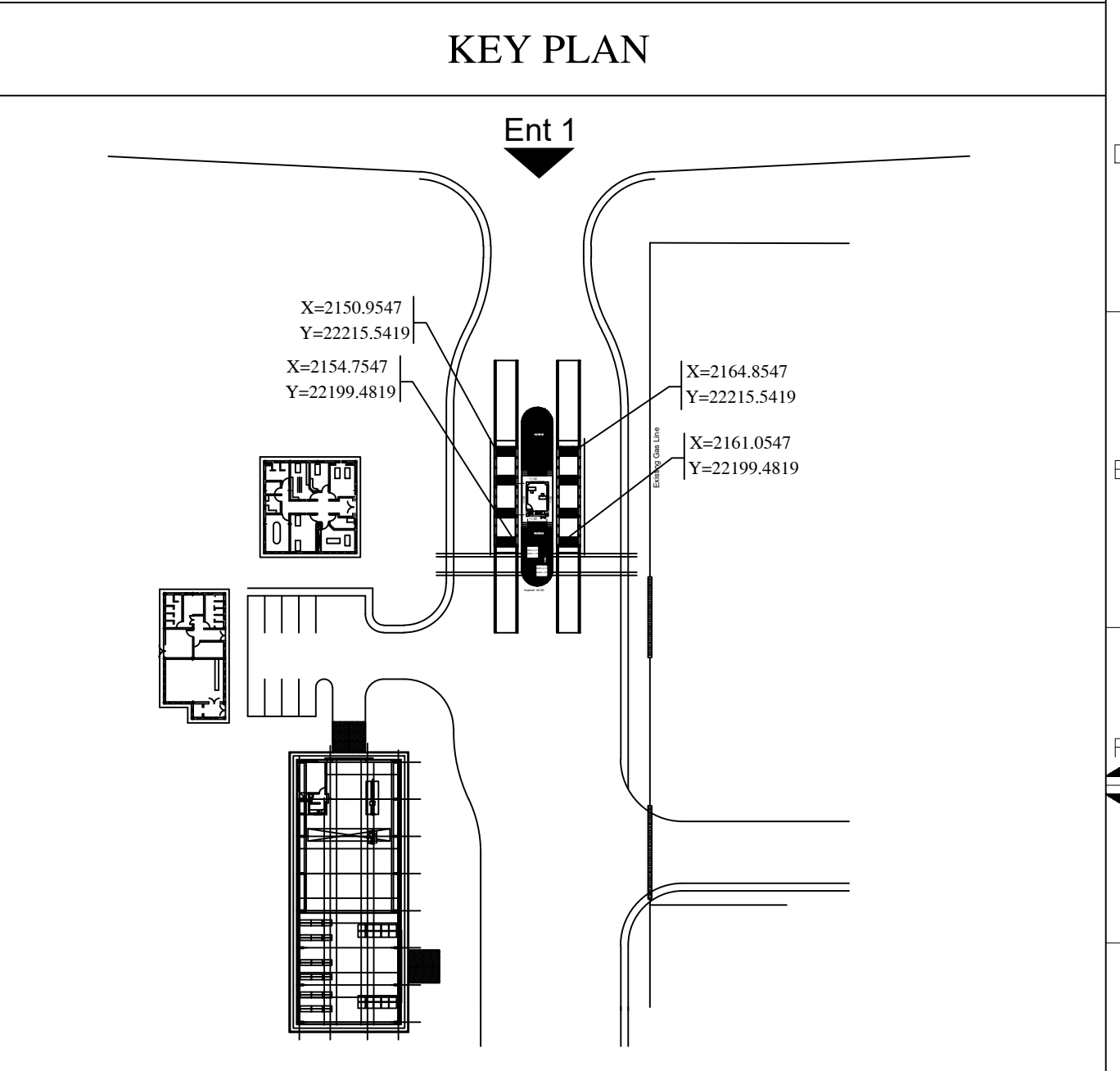


*:WILL BE FINALIZED ACC. TO
NETWORK SYSTEM DESIGN



LEGEND			
SYMBOLE	DESCRIPTION	UNIT	QTY
	SURFACE MOUNTED, LAN SOCKET, RJ45	No.	2
	DATA CABLE CAT6.	No.	-
	NETWORK RACK, MOUNTED ON 2.2m ABOVE FINISHED FLOOR INCLUDE LAN SWITCH 8 PORT	No.	1
	SURFACE MOUNTED, TELEPHONE SOCKET, IP42, RJ11	No.	2
	SURFACE MOUNTED, ANTENNA SOCKET, IP42	No.	1
	TELEPHONE CABLE JY(st)Y 0.6 mm Dia. IN PG13.5 HOT DEEP GALVANIZED CONDUIT, SURFACE MOUNTED.	No.	-
	TELEPHONE BOX, INDOOR TYPE, WALL SURFACE MOUNTED.	No.	3

REFERENCES			
NOTE			
1- 1xCAT6 CABLE SHALL BE IN Pg13.5 HOT DEEP GALVANIZED CONDUIT, SURFACE MOUNTED. 2- 2xCAT6 OR 3xCAT6 CABLE SHALL BE IN Pg21 HOT DEEP GALVANIZED CONDUIT, SURFACE MOUNTED.			

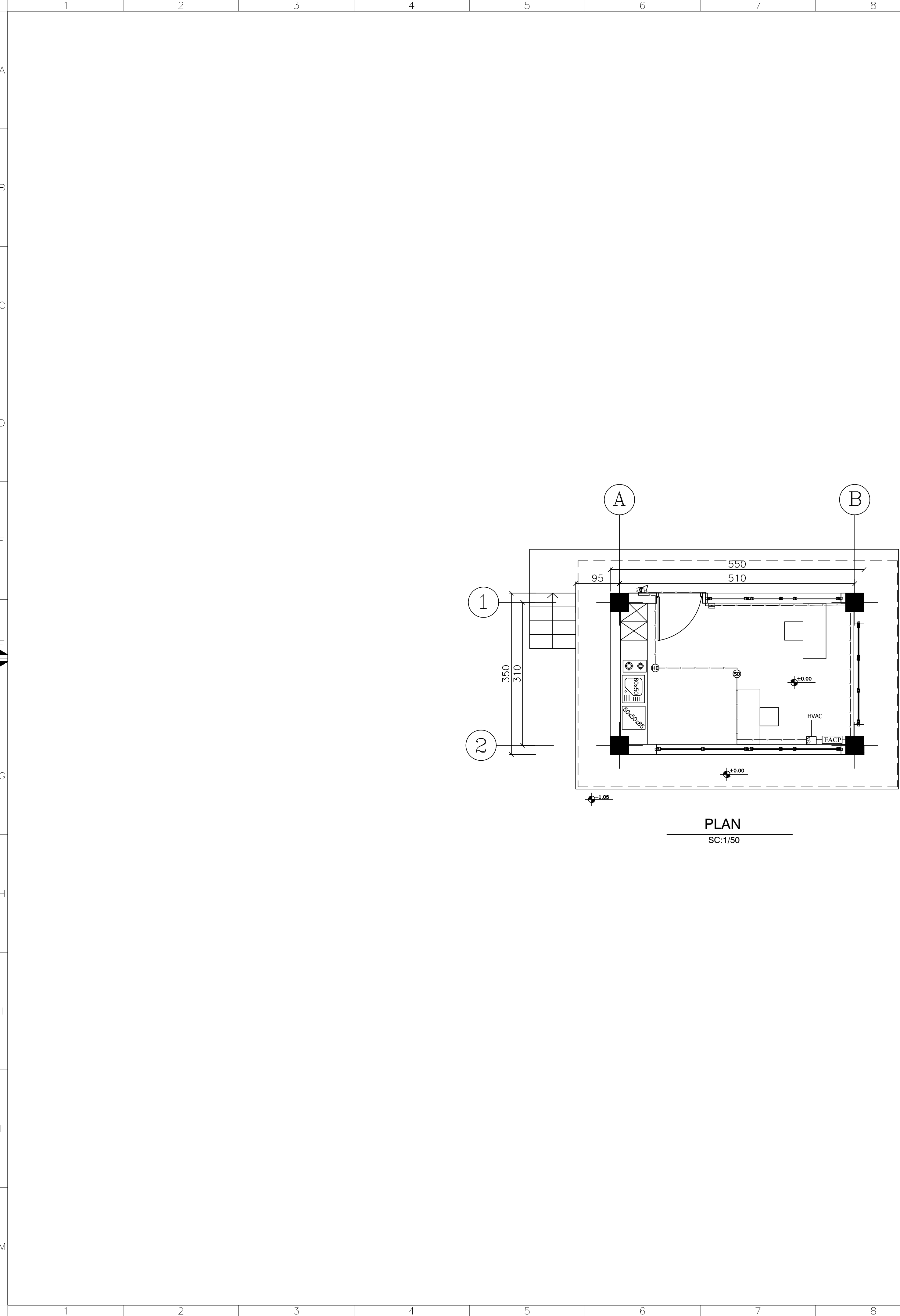


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Checked:	F.NIKNAM	1405.04.08	--
Designed:	M.KHAVARI	1405.04.08	--
PROJECT: LIME PLANT WEIGHING STATION			
DRAWING TITLE: NETWORK AND TELEPHONE SYSTEM LAYOUT FOR WEIGHING STATION			
DRAWING NO.			
REGION CODE	PROJECT CODE	SUB PHASE CODE	AREA CODE
S	LM01	D	LIM
UNIT CODE	DOC TYPE CODE	DISCIPLINE CODE	SERIAL NO
WHS	DWG	EL	001
REV	SIZE	SHEET	
0	A1	4/13	

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LEGEND			
SYMBOLE	DESCRIPTION	UNIT	QTY
	ADDRESSABLE FIRE ALARM CONTROL PANEL, 8 LOOPS NETWORK CARD, BATTERY BACKUP	No.	1
	TRANSFER TO ANALOG SIGNAL FOR ELECTRICAL PANEL (COMMAND FOR DISCONNECTING HVAC SYSTEM)	No.	1
	SMOKE DETECTOR	No.	1
	OUTDOOR MANUAL CALL POINT	Set	1
	2*1.5 mm ² FIRE RESISTANT, LSFOH WIRE, IN PG16 HOT DIP GALVANIZED CONDUIT (FROM PANEL TO DETECTOR)	m	—
	HEAT DETECTOR	No.	1
	OUTDOOR ALARM SOUNDER (HORN SPEAKER), WATER PROOF	No.	1
	FLASHER	No.	1
	FIRE ALARM TERMINAL BOX	No.	1

REFERENCES

NOTE

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CONSULTANT:

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شرکت مهندسی

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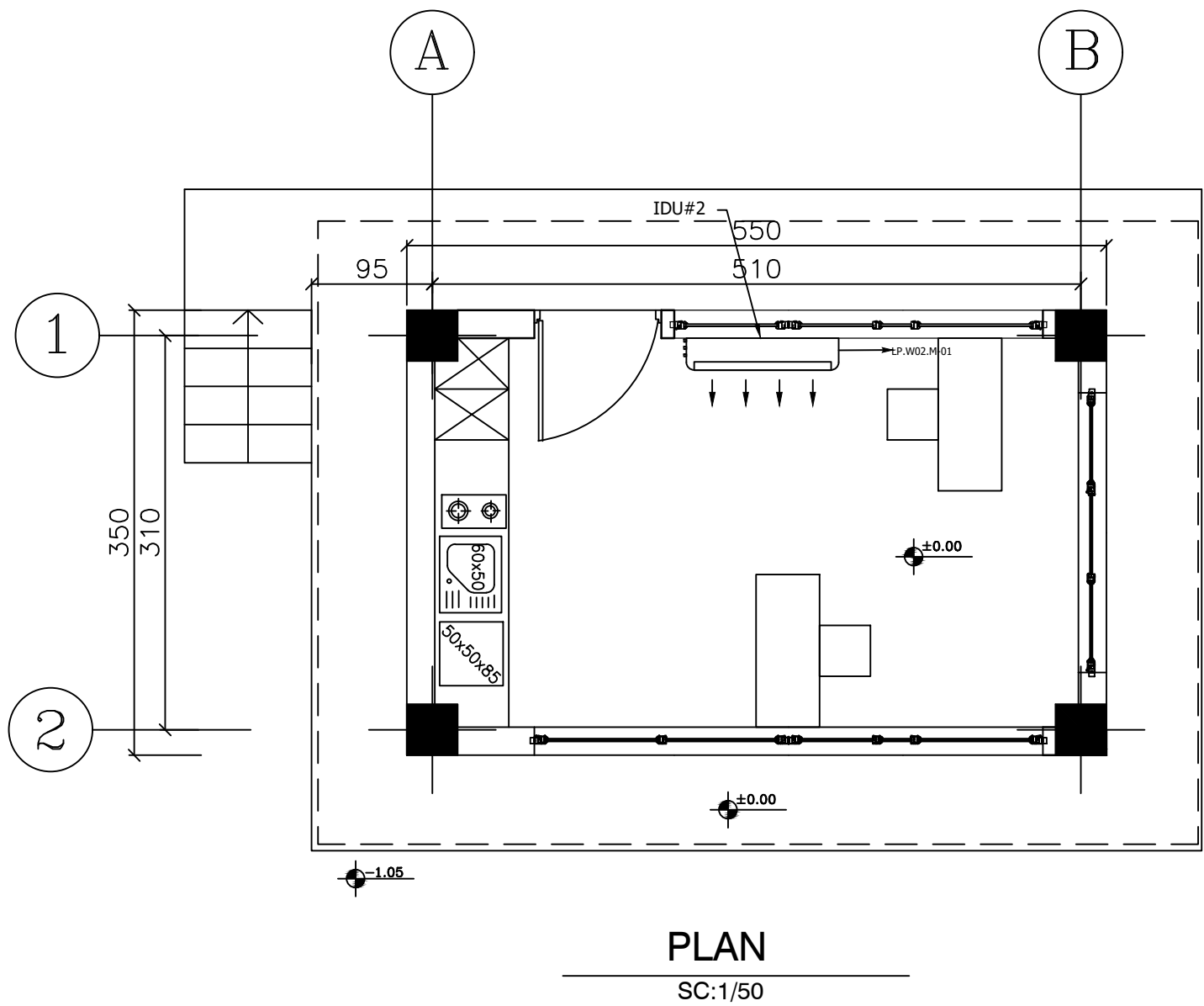
PROJECT: LIME PLANT WEIGHING STATION

DRAWING TITLE: FIRE ALARM SYSTEM LAYOUT
FOR WEIGHING STATION

DRAWING NO.

REGION CODE	PROJECT CODE	SUB PHASE CODE	AREA CODE	UNIT CODE	DOC TYPE CODE	DISCIPLINE CODE	SERIAL NO	REV	SIZE	SHEET
S	LM01	D	LIM	WHS	DWG	EL	001	0	A1	5/13

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جدول مشخصات هود اجاق گاز							
ITEM	QTY	FAN QTY.	FLOW (CFM)	PD. (Pa)	ELECTRICAL DATA		MODEL
					V-PH-HZ	POWER	
HOOD	3	3	200	320	220-1-50	290W	ACRYLIC GREASE

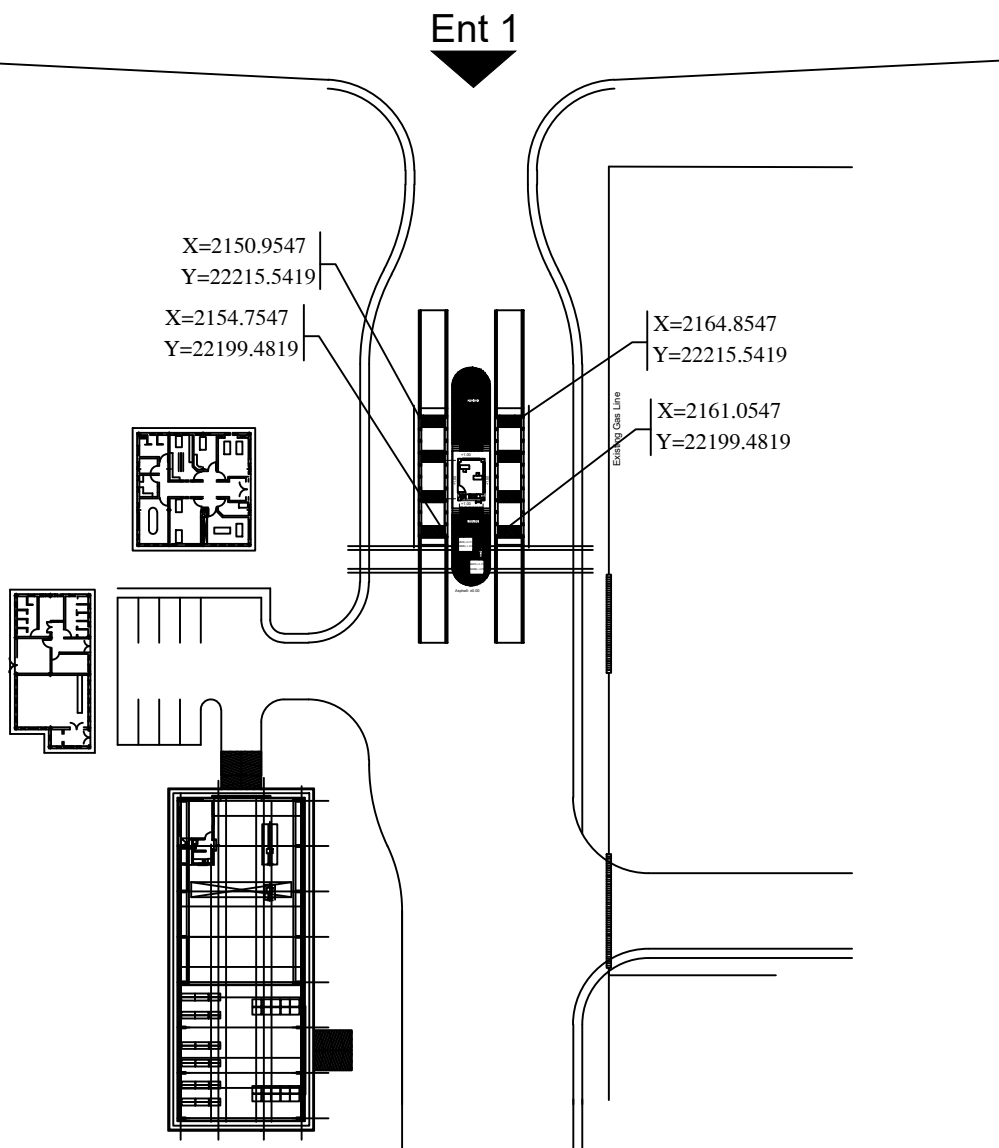
جدول مشخصات آبگرمکن برقی										
NAME	QTY	TYPE	STORAGE CAPACITY LITER	ELECTRICAL DATA				DIM(MM)		
				V	PH	Hz	POWER (kW)	W	D	H
E.W.H.1	1	AUTOMATIC WALL TYPE	15	220	1	50	2	340	210	570
Ew Sun AZMOON KAR CO. OR SIMILAR										

جدول مشخصات اسپلیت یونیت												
ITEM	TYPE	COOLING CAPACITY	HEATING CAPACITY	REFRIGERANT	ELECTRICAL DATA				PIPE CONNECTION			MODEL
		BTU/HR	BTU/HR		V	PH	Hz	POWER (kW)	LIQUID (mm)	GAS (mm)	DRAIN (mm)	
#1	WALL-TYPE	24000	24000	R-410A	220	1	50	2.12	6.35	15.88	20	GWS-H24 P1T1A GREEN CO. OR SIMILAR

REFERENCES

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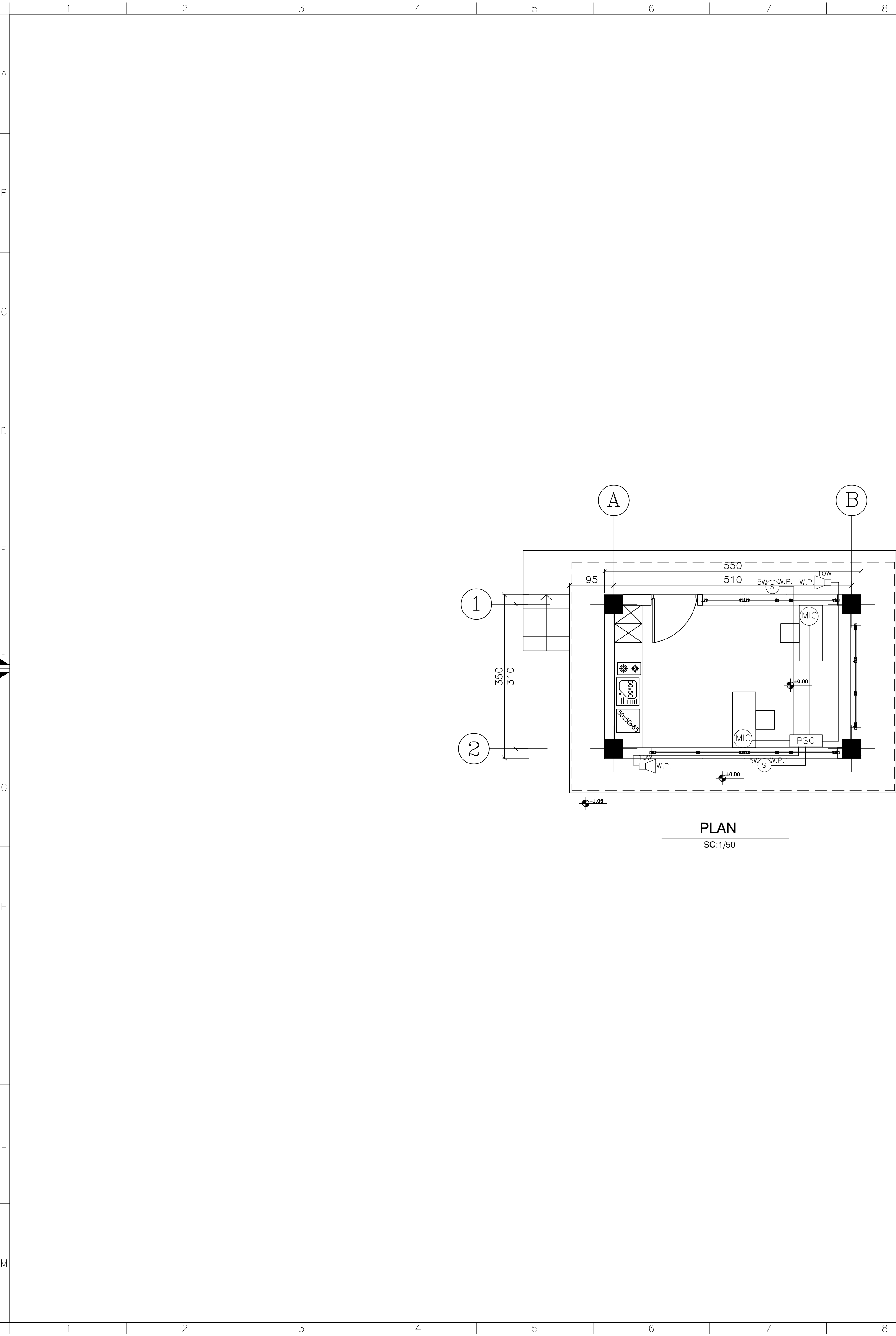
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Designed:	M.KHAVARI	1405.04.08	--	SCALE 1:100	DOC CLASS NO.: --

PROJECT:		LIME PLANT WEIGHING STATION								
DRAWING TITLE:		HVAC FEEDING SYSTEM LAYOUT FOR WEIGHING STATION								
DRAWING NO.										
REGION CODE	PROJECT CODE	SUB PHASE CODE	AREA CODE	UNIT CODE	DOC TYPE CODE	DISCIPLINE CODE	SERIAL NO	REV	SIZE	SHEET
S	LM01	D	LIM	WHS	DWG	EL	001	0	A1	6/13

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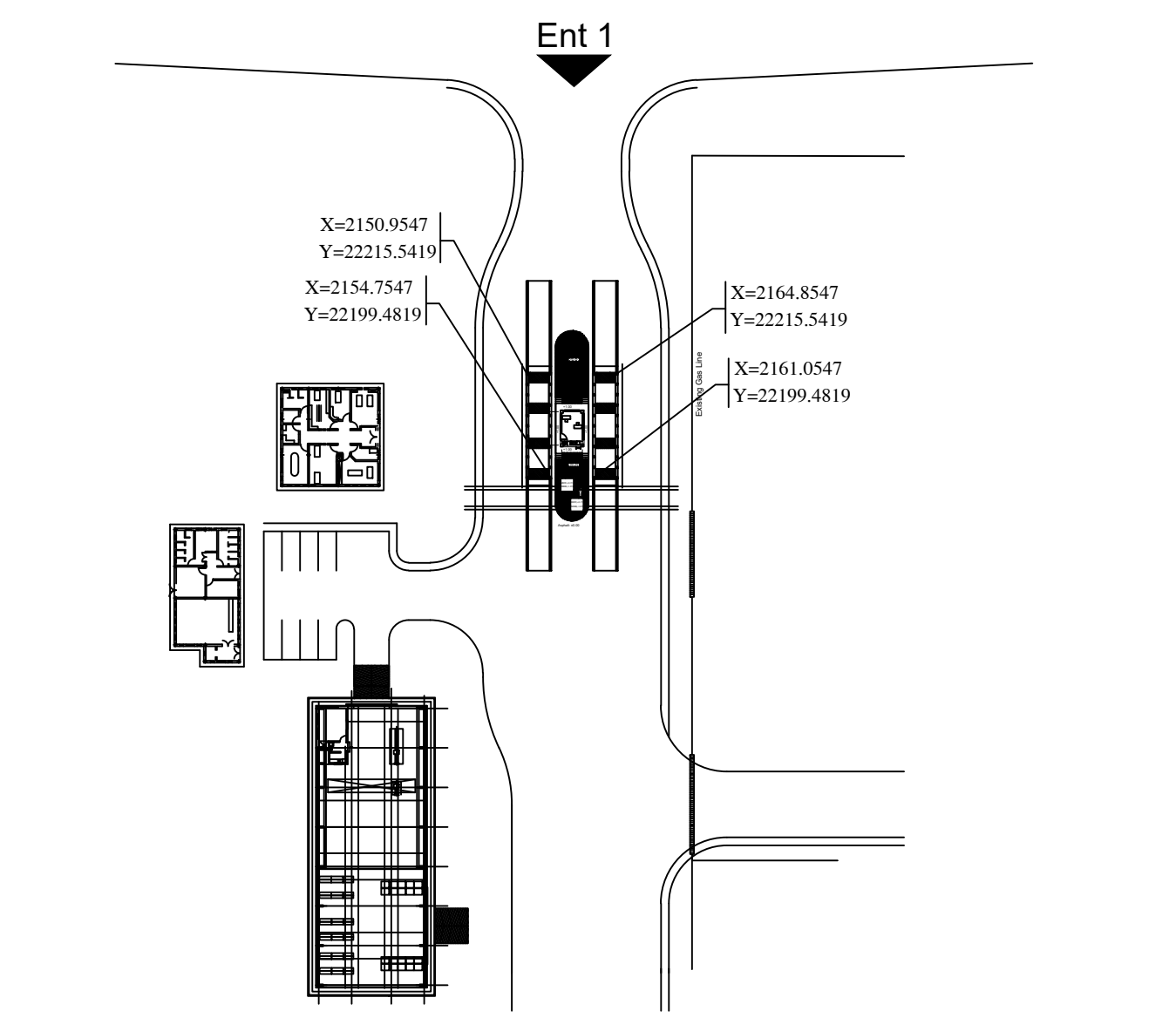


LEGEND			
SYMBOLE	DESCRIPTION	UNIT	QTY
	SPEAKER 10W, WALL MOUNTED, WATER PROOF	No.	2
	SPEAKER 5W, WALL MOUNTED, WATER PROOF	No.	2
	PAGING SYSTEM CENTER CONTAINING: MIXER, AMPLIFIRE,	No.	1
	MICROPHONE FOR PAGING, MOUNTED ON DESK OR WALL	No.	2
	PAGING SYSTEM CABLE 2x2.5 NYCY IN HEAVY RIGID PVC CONDUIT Pg21	No.	-
		No.	1

REFERENCES			
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NOTE			
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KEY PLAN			
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PROJECT:

LIME PLANT WEIGHING STATION

DRAWING TITLE:

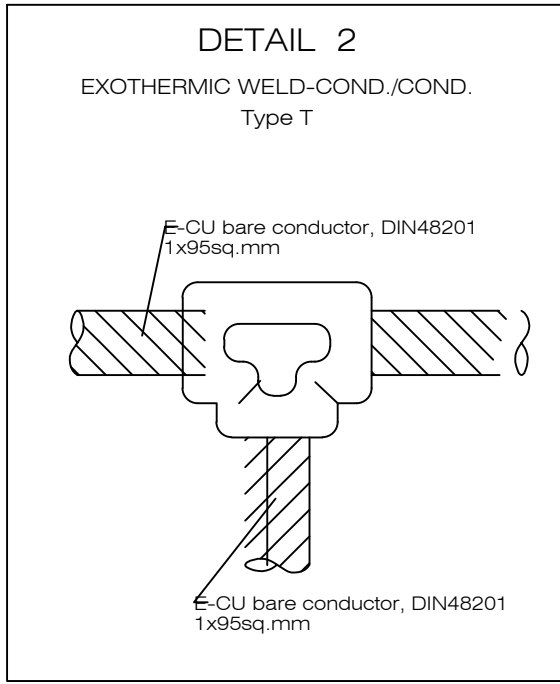
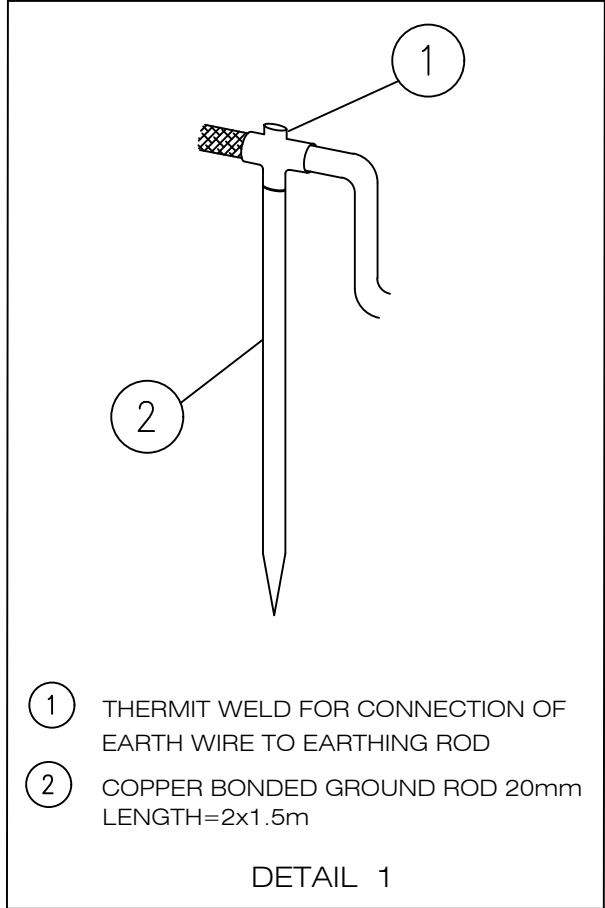
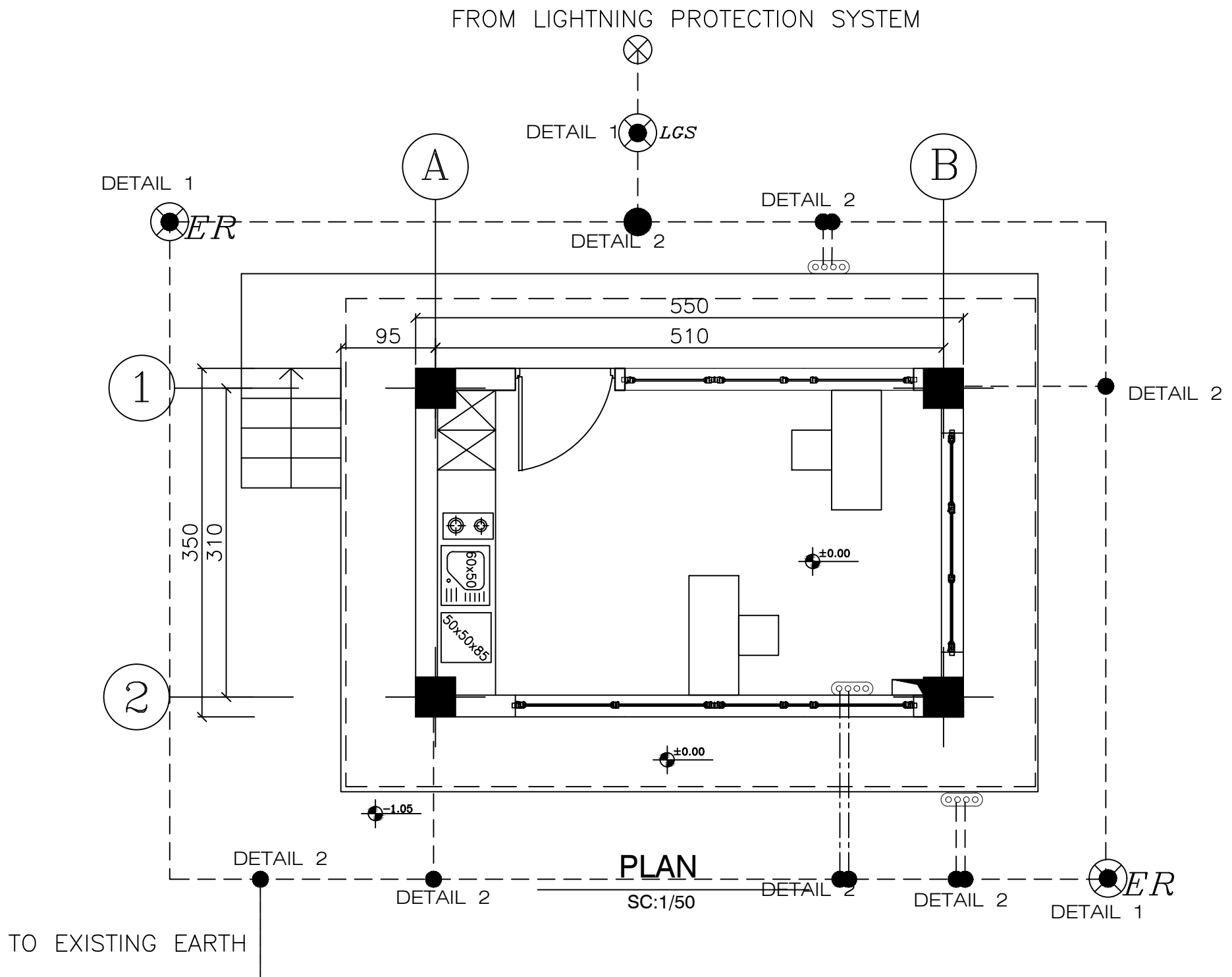
PAGING SYSTEM LAYOUT FOR WEIGHING STATION

DRAWING NO.

REGION CODE	PROJECT CODE	SUB PHASE CODE	AREA CODE	UNIT CODE	DOC TYPE CODE	DISCIPLINE CODE	SERIAL NO	REV	SIZE	SHEET
S	LM01	D	LIM	WHS	DWG	EL	001	0	A1	7/13

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LEGEND			
SYMBOL	DESCRIPTION	UNIT	QTY.
	EARTH COPPER BAR(EARTH DISPATCHER) TINCOATED, SIZE (50x5 mm) WITH 8 No. OF HOLES (TERMINAL) AND 500mm LENGTH	NO.	2
	TWO SIDE THREADED TYPE, COPPER BOND STEEL GROUND ROD 3000mm (2x1500mm) LENGHT & 20mm DIA.	NO.	2
	BARE STRANDED COPPER CONDUCTOR (1x95 SQRmm)	m	—
	PVC INSULATED YELLOW GREEN STRANDED COPPER CONDUCTOR (1x95)	m	—
	PVC INSULATED YELLOW GREEN STRANDED COPPER CONDUCTOR (1x16)	m	—
	TWO SIDE THREADED TYPE, COPPER BOND STEEL GROUND ROD (FOR LIGHTNING SYSTEM) 3000mm (2x1500mm) LENGHT & 20mm DIA.	NO.	1
	T CADWELD CONNECTION 95x95x95	NO.	10
	DOWN CONDUCTOR	NO.	1

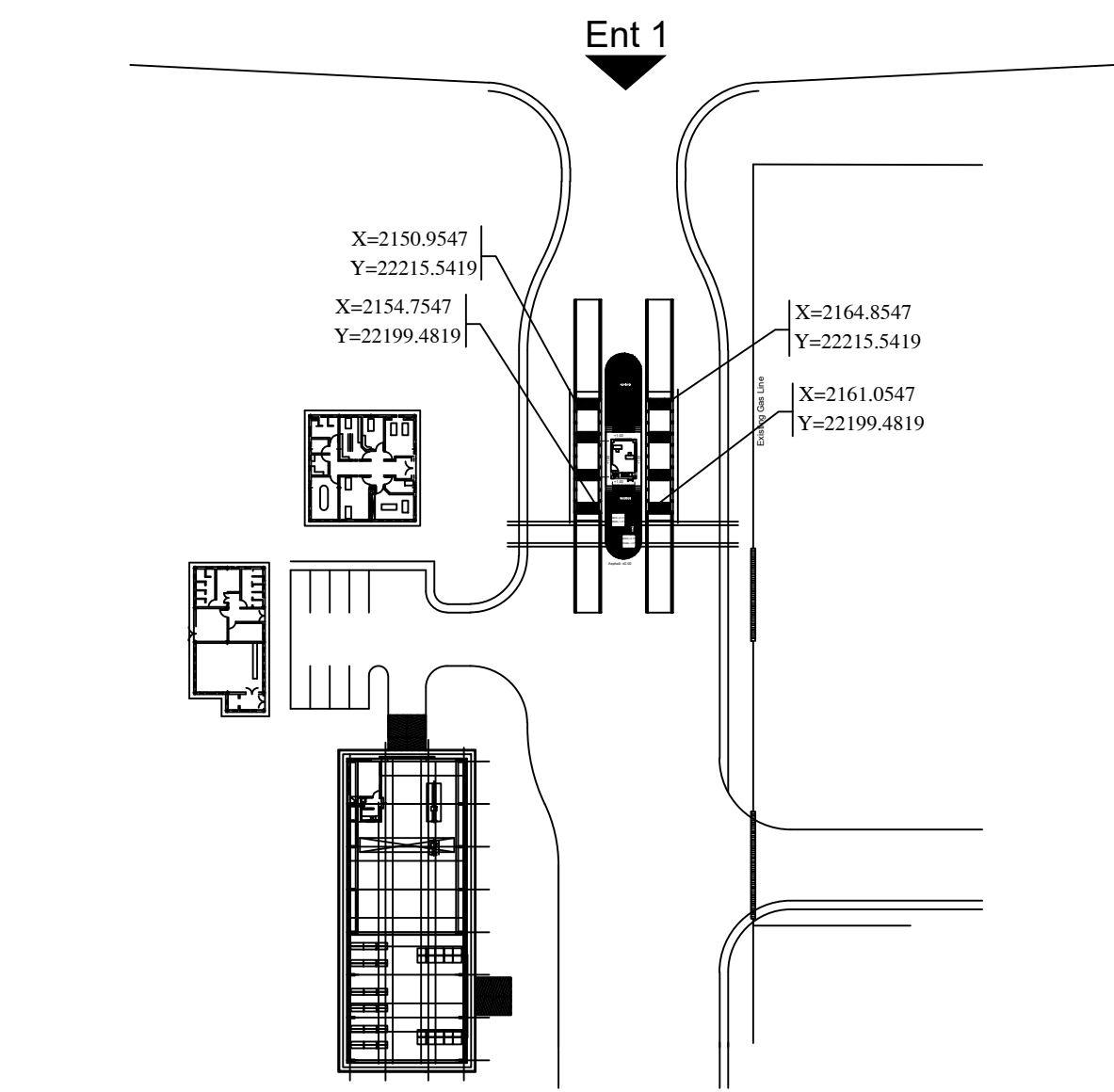


REFERENCES

NOTE

- 1) GROUNDING CONDUCTOR MUST BE BURIED AT DEPTH 1000MM UNDER GROUND LEVEL.
- 2) FOR MORE DETAILS REFER TO ELECTRICAL INSTALLATION DETAIL.
- 3) ALL PANELS EARTHING CONDUCTORS SHALL BE CONNECTED TO EARTHBAR.
- 4) ALL EXPOSED CONDUCTIVE PARTS SHALL BE CONNECTED TO THE INTERNAL EARTHING LOOP.
- 5) EARTHING CABLING FROM PRIMARY EARTHING TO EARTH BAR SHALL BURRIED TYPE USING BARE COPPER CONDUCTOR.
- 6) THE BURIED GROUND CONDUCTOR SHALL BE SURROUNDED BY MIN 300MM OF FINE SOIL IN EACH DIRECTION.
- 7) EARTHING SYSTEM SHALL BE CONNECTED TO EXCISTING EARTHING SYSTEM & CONNECTION TO FUTURE EARTHING SYSTEM SHALL BE CONSIDERED.

KEY PLAN



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PROJECT:		LIME PLANT WEIGHING STATION								
DRAWING TITLE:		EARTHING SYSTEM LAYOUT FOR WEIGHING STATION								
DRAWING NO.										
REGION CODE	PROJECT CODE	SUB PHASE CODE	AREA CODE	UNIT CODE	DOC TYPE CODE	DISCIPLINE CODE	SERIAL NO	REV	SIZE	SHEET
S	LM01	D	LIM	WHS	DWG	EL	001	0	A1	8/13

1 2 3 4 5 6 7 8 9 10 11 12

A B

1 2

350 310

95 550 510

DOWN TO T.M.
DETAIL 3

DETAIL 1

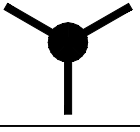
DETAIL 2

±0.00

±0.00

-1.05

PLAN
SC:1/50

LEGEND			
SYMBOLE	DESCRIPTION	UNIT	QTY
	AIR TERMINAL ROD, 16mm DIA., 1500mm HEIGHT.	No.	2
-----	50 sq.mm BARE COPPER CONDUCTOR.	No.	-
●	CADWELD TYPE EARTHING CONNECTION	No.	1

DETAIL 1
AIR TERMINAL

MATERIAL LIST DETAIL

NO.	DESCRIPTION	QTY
1	AIR TERMINAL, LIGHT DUTY WITH 16 mm dia. and 1.5m height	
2	AIR TERMINAL BASE	
3	50sq mm ² bare conductor	

DOWN CONDUCTOR

MATERIAL LIST DETAIL FOR EACH DOWN CONDUCTOR

DWG CODE	DESCRIPTION
1	BARE STRANDED COPPER CONDUCTOR, 1x50 Sqmm
2	TERMINAL BOX AND JUNCTION CLAMP FOR COPPER CONDUCTOR AND EARTH WIRE WITH PVC COVER
3	CONDUCTOR FIXING, HEAVY DUTY CAST SADDLE
4	SQUARE OR TEE CLAMP FOR COPPER CONDUCTOR
5	BARE STRANDED COPPER CONDUCTOR, 1x50 Sqmm
6	THERMIT WELD FOR CONNECTION OF EARTH WIRE TO EARTHING ROD
7	EARTHING ROD WITH 20mm DIA., AND 3m LENGTH

DETAIL 3
EXOTHERMIC WELD-COND. COND.
Type Cross

E-CU bare conductor, DIN48201
1x50sq.mm

E-CU bare conductor, DIN48201
1x50sq.mm

DETAIL 4
EXOTHERMIC WELD-COND. COND.
Type T

E-CU bare conductor, DIN48201
1x50sq.mm

E-CU bare conductor, DIN48201
1x50sq.mm

DETAIL 5
LIGHTNING SYSTEM TERMINAL BOX

50 sq.mm BARE COPPER CONDUCTOR

95 sq.mm BARE COPPER CONDUCTOR

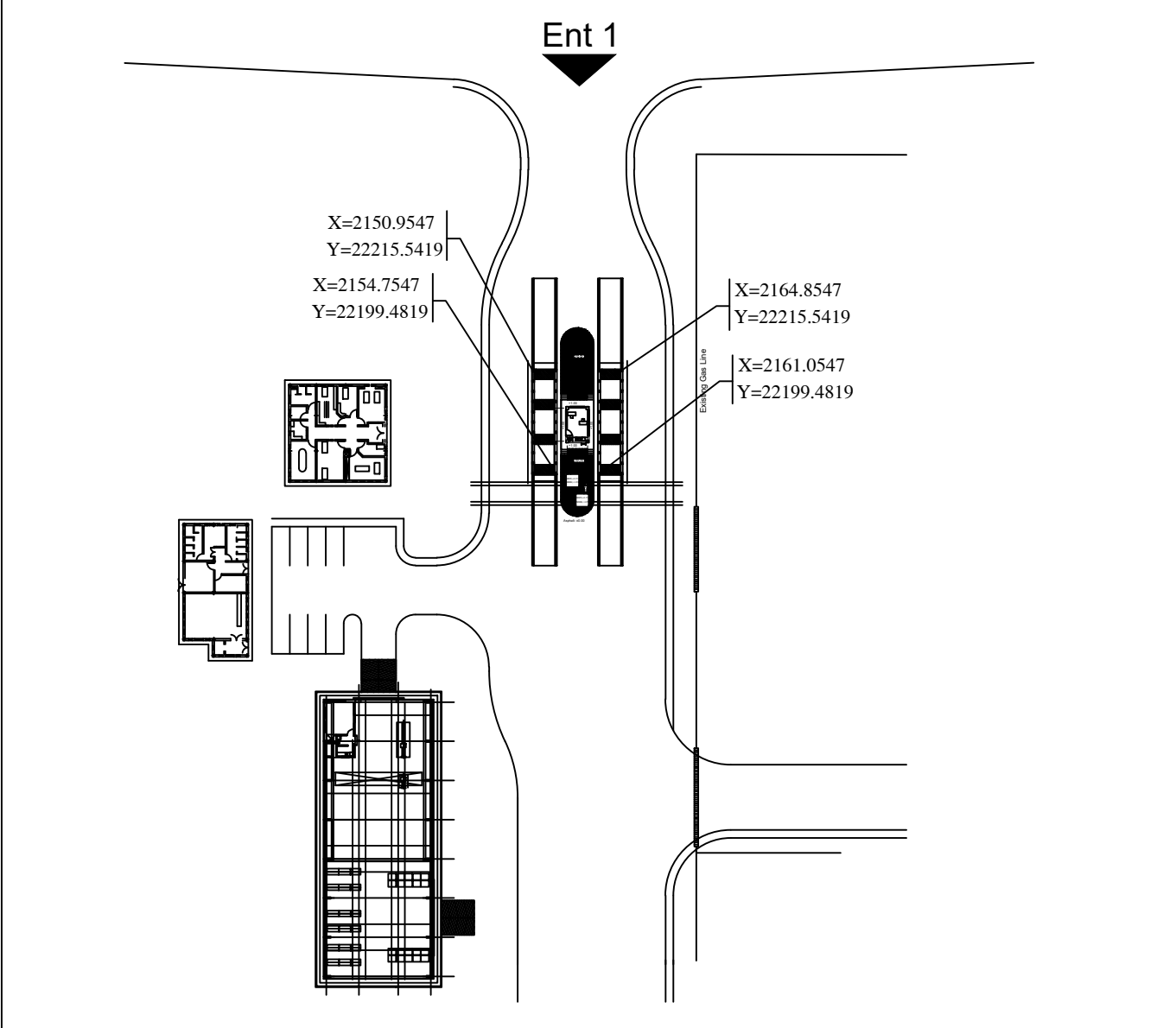
1 2 3 4 5 6 7 8 9 10 11 12

13	14	15	16
REFERENCES			

NOTE

- 1) BEFORE ENTERING THE ROOF, TERMINALS SHALL BE OPENED IN THE TERMINAL BOXES.
- 2) AFTER EXITING FROM THE ROOF, TERMINALS SHALL BE SHORTED IN THE TERMINAL BOXES.
- 3) TERMINAL BOXES SHALL BE MOUNTED 1.5m ABOVE THE FINISHED FLOOR.
- 4) TERMINAL BOXES SHALL BE IP54 TYPE.
- 5) 50 sq.mm BARE COPPER CONDUCTOR SHALL BE CONSIDERED FOR ROOF MESH NETWORK.

KEY PLAN



for TENDER DOCUMENT

CLIENT: شرکت توسعه آهن و فولاد گل مهر G.I.S.D.Co.	CONSULTANT: برسو شرکت مهندسی BARSOO CONSULTING AND PROJECT MANAGEMENT
---	--

CONTRACTOR:	SUBCONTRACTOR:
-------------	----------------

	Name	Date:	Sign.	CLIENT DOC . NO.	
Approved	A.MONFARED	1405.04.08	--	S-LM01-D-LIM-WHS-DWG-EL-001	
Checked:	F.NIKNAM	1405.04.08	--	PROJECT NO.:	
Designed:	M.KHAVARI	1405.04.08	--	SCALE 1:100	DOC CLASS NO.: --

Approved:	A.MONFARED	1405.04.08	--	S-LM01-D-LIM-WHS-DWG-EL-001	
Checked:	F.NIKNAM	1405.04.08	--	PROJECT NO.:	
Designed:	M.KHAVARI	1405.04.08	--	SCALE 1:100	DOC CLASS NO.: --

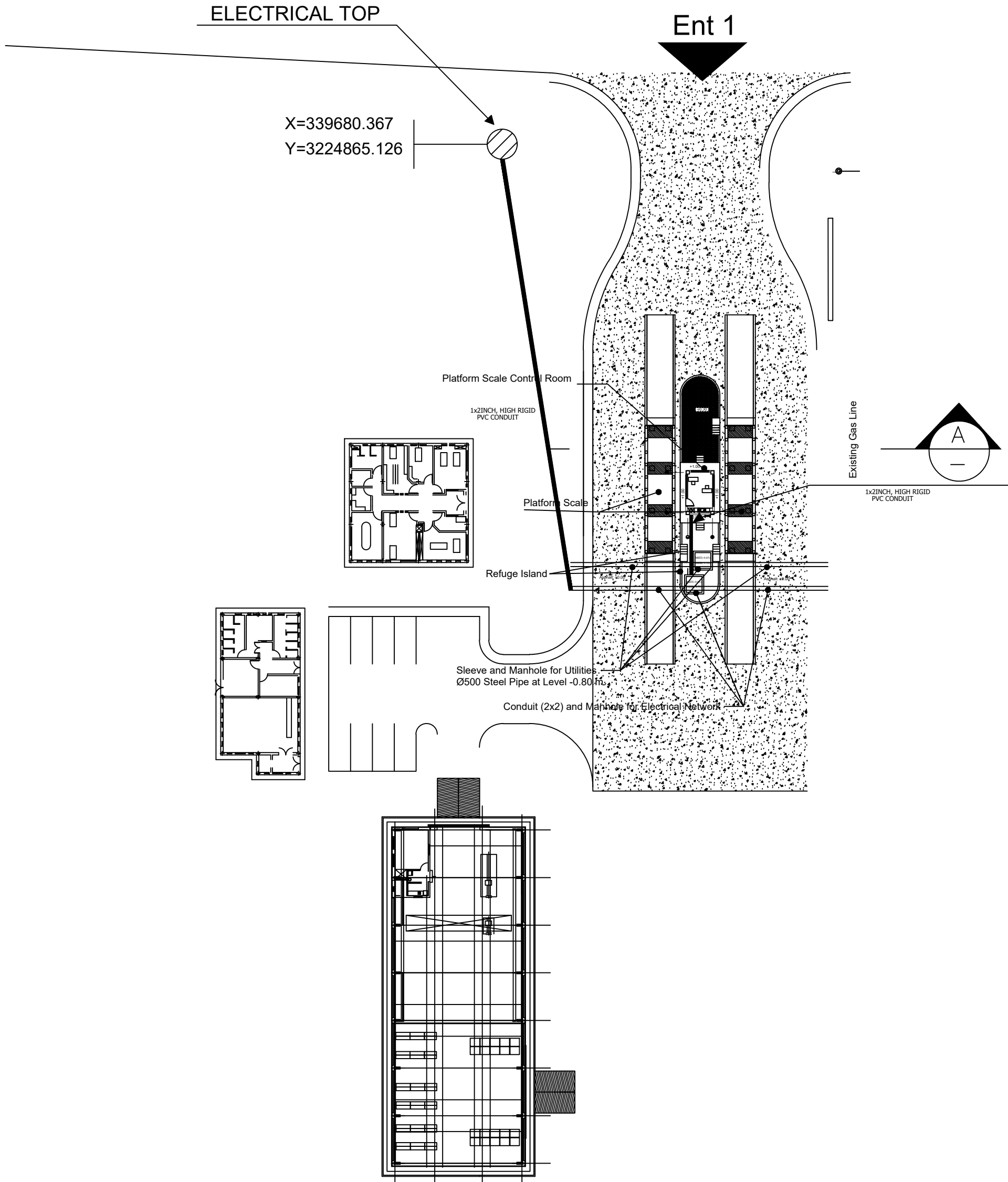
PROJECT: LIME PLANT WEIGHING STATION

DRAWING TITLE: LIGHTNING SYSTEM LAYOUT FOR WEIGHING STATION

DRAWING NO.	
-------------	--

REGION CODE	PROJECT CODE	SUB PHASE CODE	AREA CODE	UNIT CODE	DOC TYPE CODE	DISCIPLINE CODE	SERIAL NO	REV	SIZE	SHEET
S	LM01	D	LIM	WHS	DWG	EL	001	0	A1	9/13

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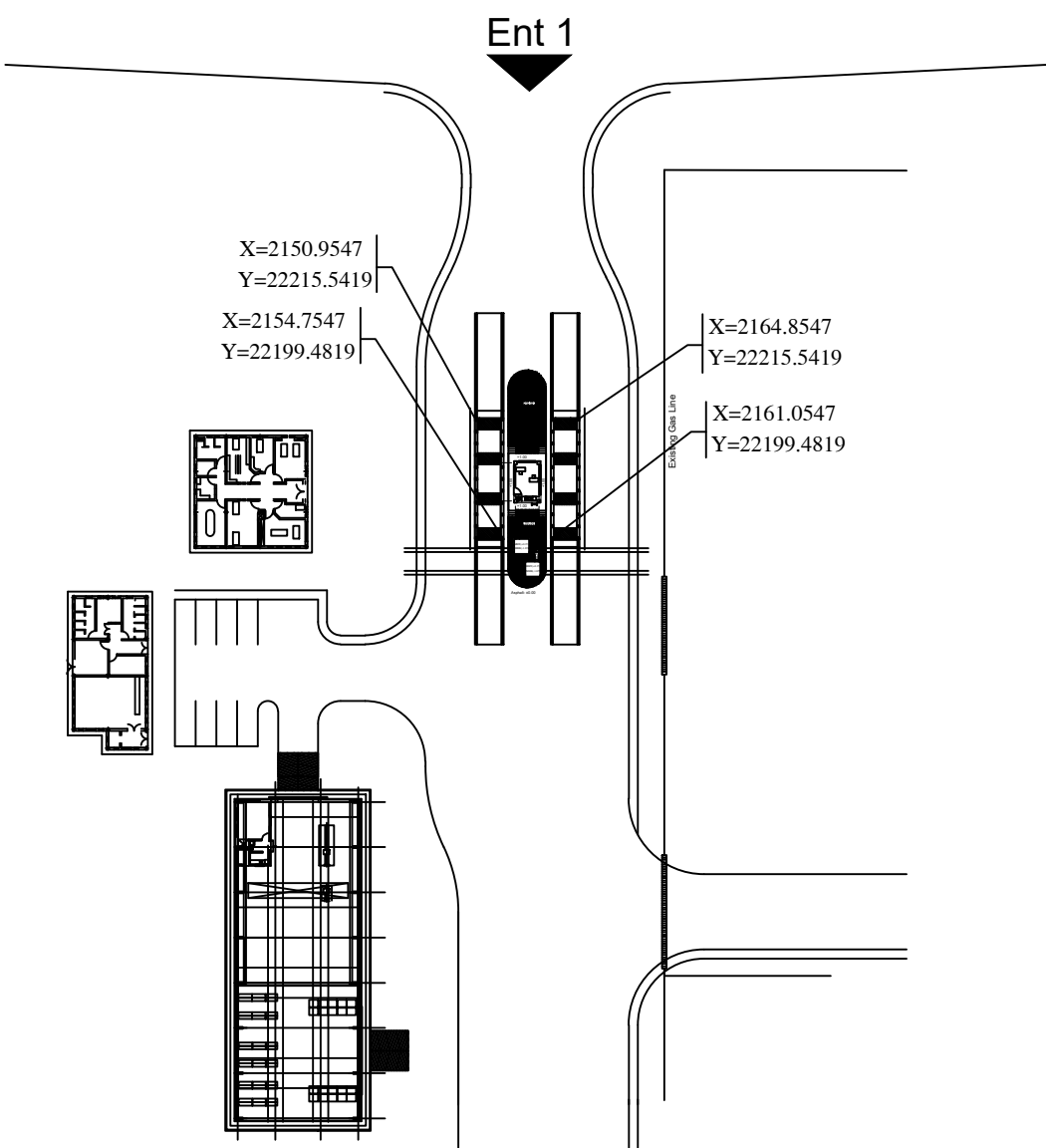


REFERENCES

NOTE

- 1) BEFORE ENTERING THE ROOF, TERMINALS SHALL BE OPENED IN THE TERMINAL BOXES.
- 2) AFTER EXITING FROM THE ROOF, TERMINALS SHALL BE SHORTEND IN THE TERMINAL BOXES.
- 3) TERMINAL BOXES SHALL BE MOUNTED 1.5m ABOVE THE FINISHED FLOOR.
- 4) TERMINAL BOXES SHALL BE IP54 TYPE.
- 5) 50 sq.mm BARE COPPER CONDUCTOR SHALL BE CONSIDERED FOR ROOF MESH NETWORK.

KEY PLAN



00	29 JUN 2026	FIRST ISSUED FOR DETAIL DESIGN	M.KHAVARI	F.NIKNAM	A.MONFARED
Rev.	Date	Revisions description	Prepared	Checked	Approved

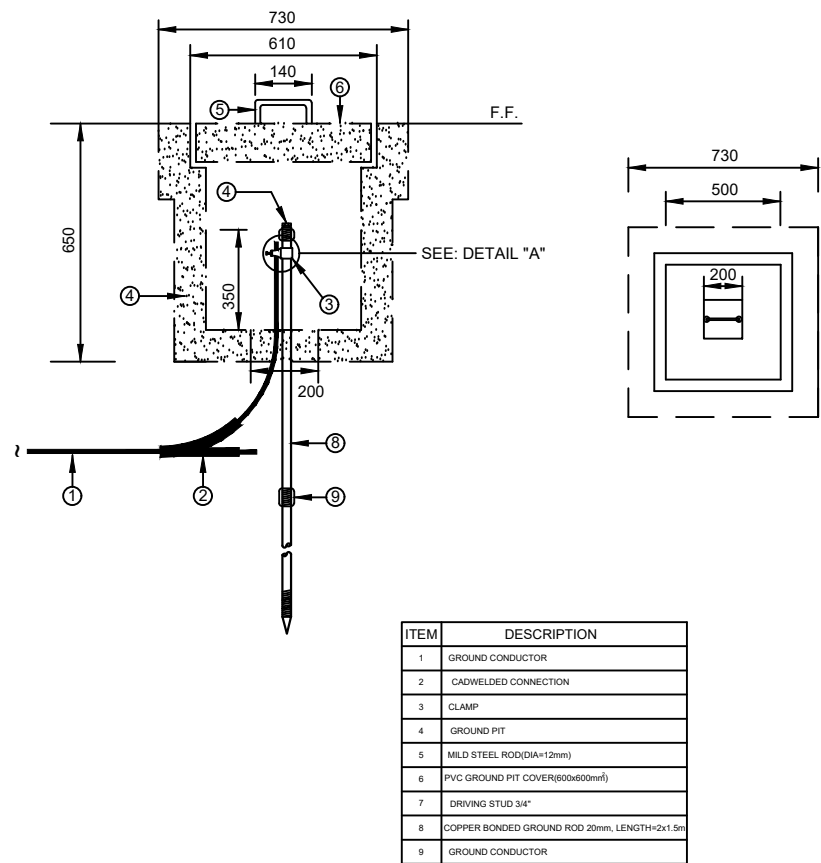
for TENDER DOCUMENT

CLIENT:	CONSULTANT:
شرکت توسعه آهن و فولاد گل گهر G.I.S.D.Co.	برسو BARSOO CONSULTING and PROJECT MANAGEMENT شرکت مهندسی

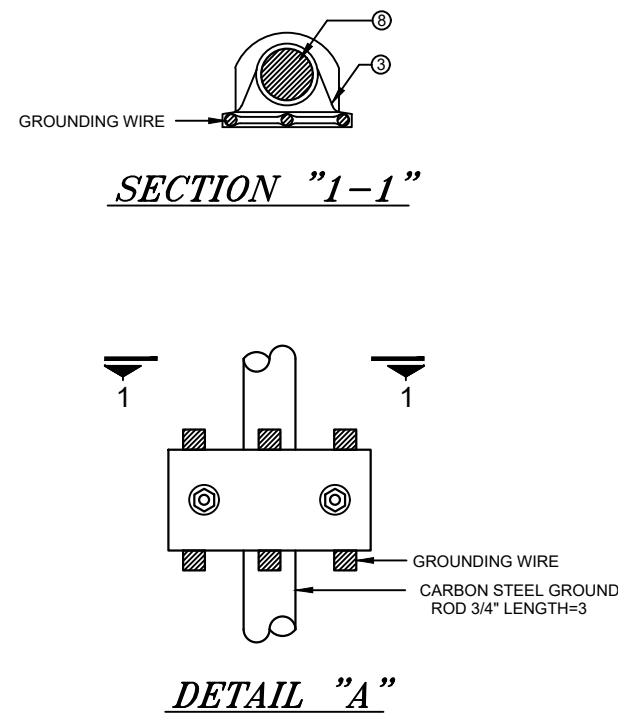
CONTRACTOR:				SUBCONTRACTOR:	
	Name	Date:	Sign.	CLIENT DOC . NO.	
Approved	A.MONFARED	1405.04.08	--	S-LM01-D-LIM-WHS-DWG-EL-001	
Checked:	F.NIKNAM	1405.04.08	--	PROJECT NO.:	
Designed:	M.KHAVARI	1405.04.08	--	SCALE 1:100	DOC CLASS NO.: --

PROJECT:		LIME PLANT WEIGHING STATION								
DRAWING TITLE:		CABLE ROUTE LAYOUT FOR WEIGHING STATION								
DRAWING NO.										
REGION CODE	PROJECT CODE	SUB PHASE CODE	AREA CODE	UNIT CODE	DOC TYPE CODE	DISCIPLINE CODE	SERIAL NO	REV	SIZE	SHEET
S	LM01	D	LIM	WHS	DWG	EL	001	0	A1	11/13

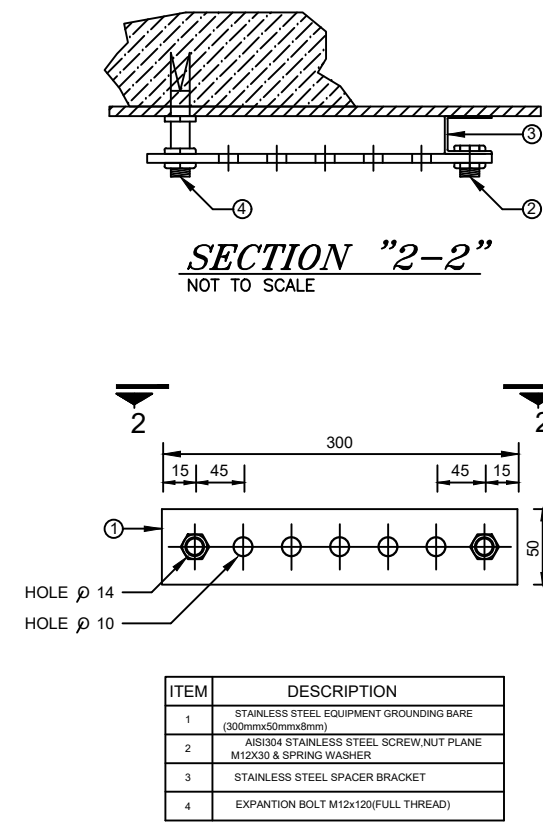
THIS PRINT AND ALL THE INFORMATION HEREON IS THE PROPERTY OF BARSOO MUST NOT BE MADE PUBLIC, COPIED OR USED IN ANY WAY DETRIMENTAL TO OUR INTEREST. IT IS LOANED SUBJECT TO RETURN ON DEMAND, UNLESS FURNISHED UNDER CONTRACT.



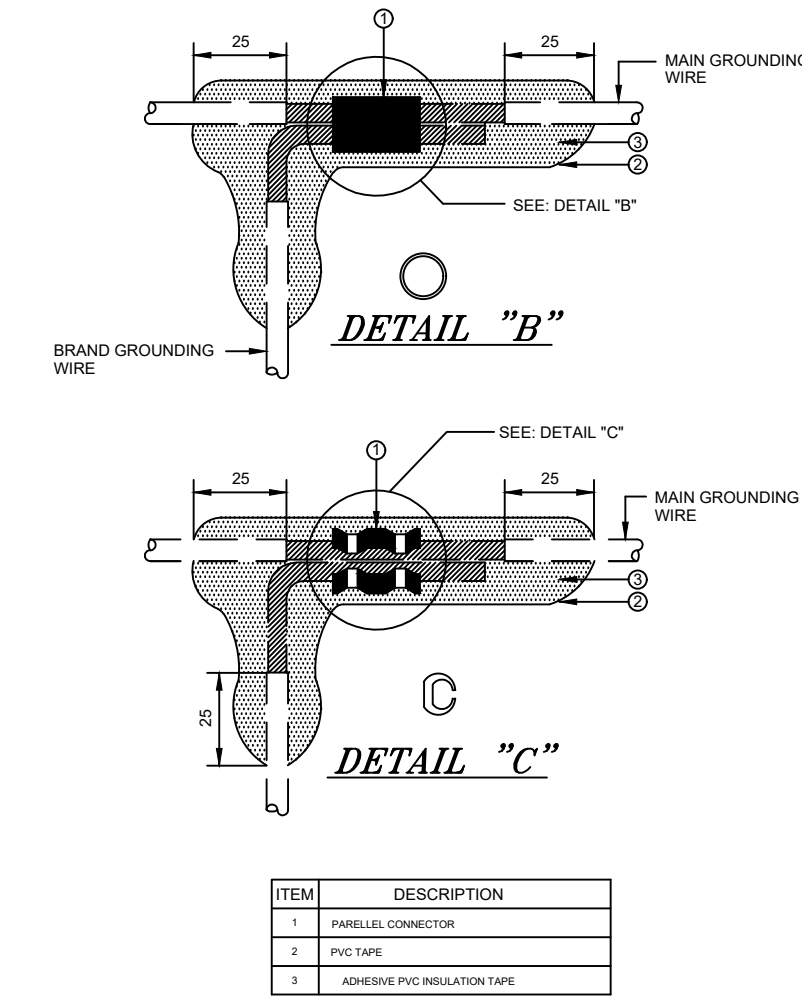
GROUND PIT WITH GROUND ROD
NOT TO SCALE



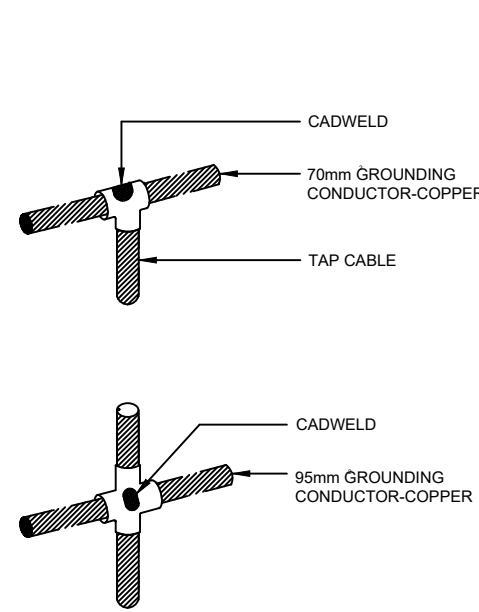
GROUNDING WIRE CONNECTION
NOT TO SCALE



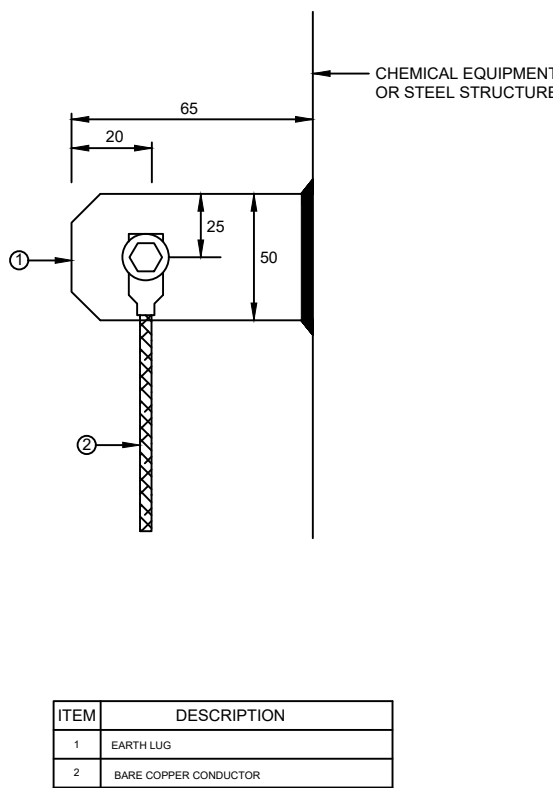
**GROUND CONNECTION BAR
(STAINLESS EQUIPMENT GROUNDING BAR)**
NOT TO SCALE



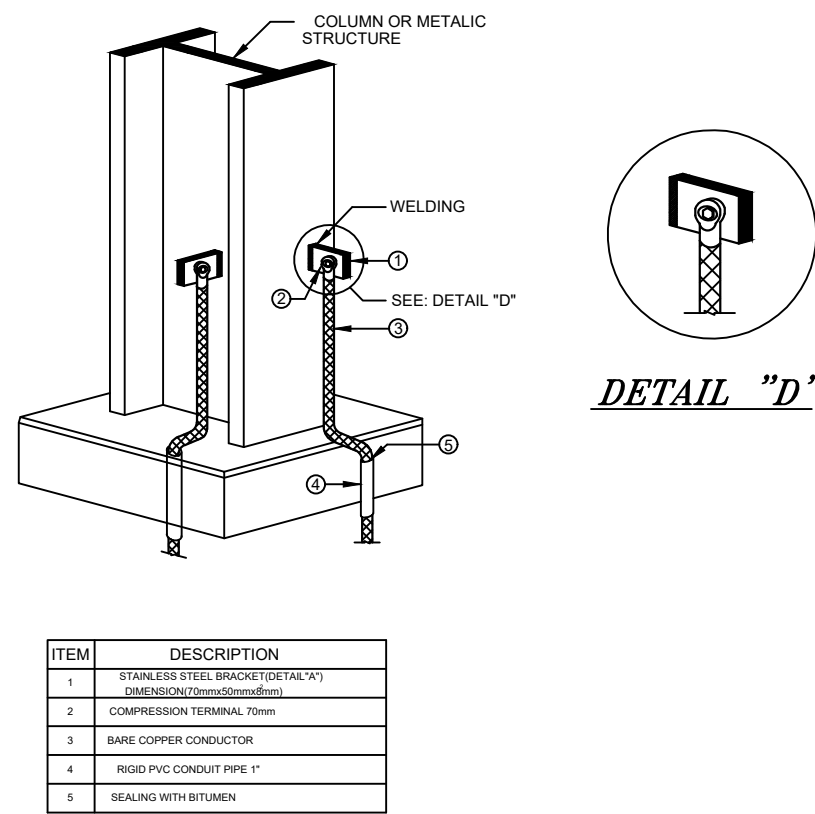
TYPICAL GROUND CONNECTOR
NOT TO SCALE



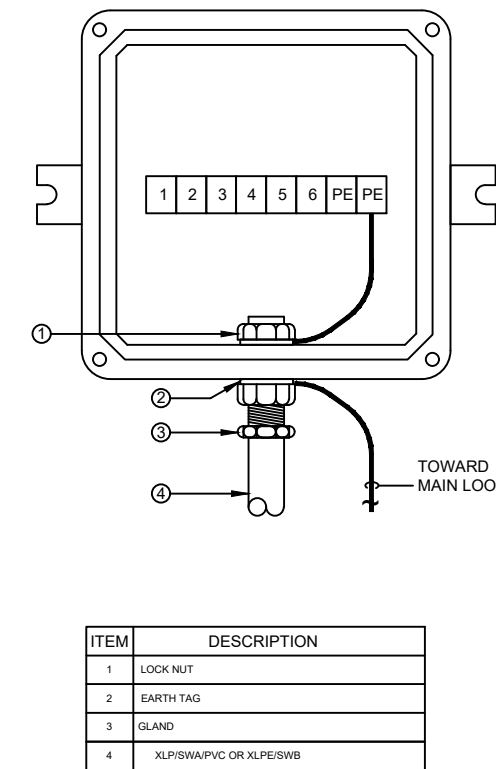
**TYPICAL FOR CROSS WELDED
AND TEE WELDED CONNECTION**
NOT TO SCALE



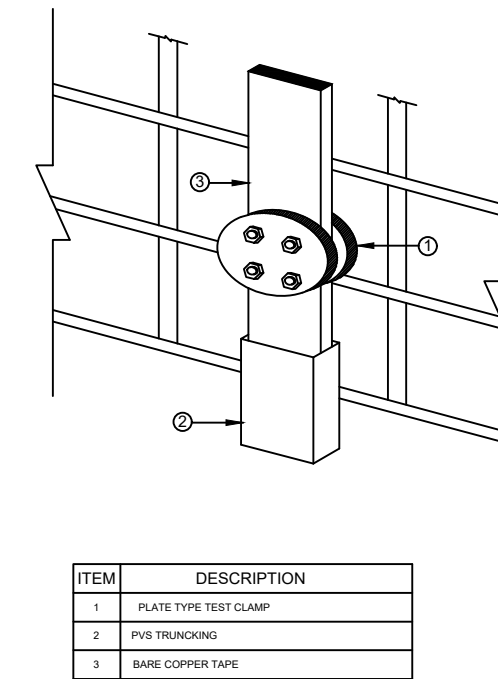
EARTH LUG
NOT TO SCALE



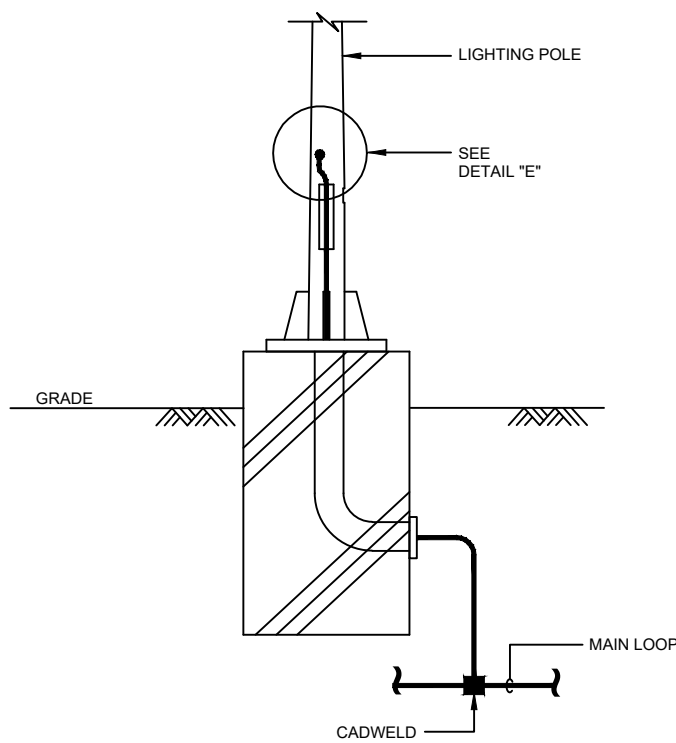
**GROUNDING EQUIPMENT COLUMNS
OR METALLIC STRUCTUR**
NOT TO SCALE



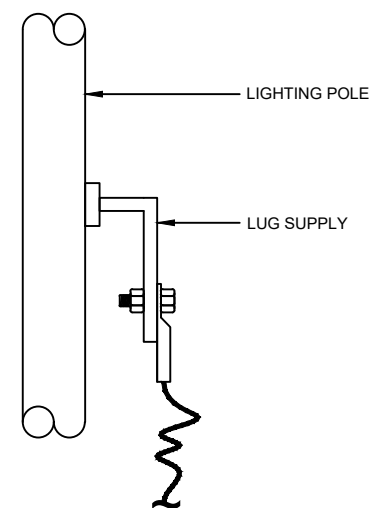
PLASTIC EARTHING JUNCTION BOX
NOT TO SCALE



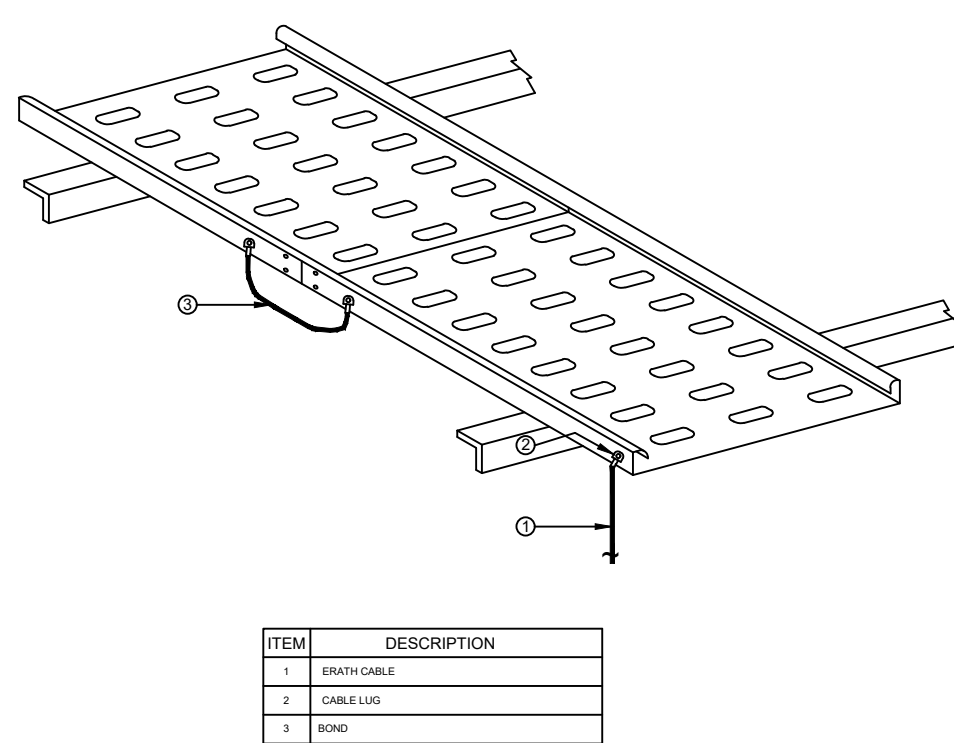
TEST CLAMP
NOT TO SCALE



LIGHT POLE
NOT TO SCALE



DETAIL "E"
NOT TO SCALE



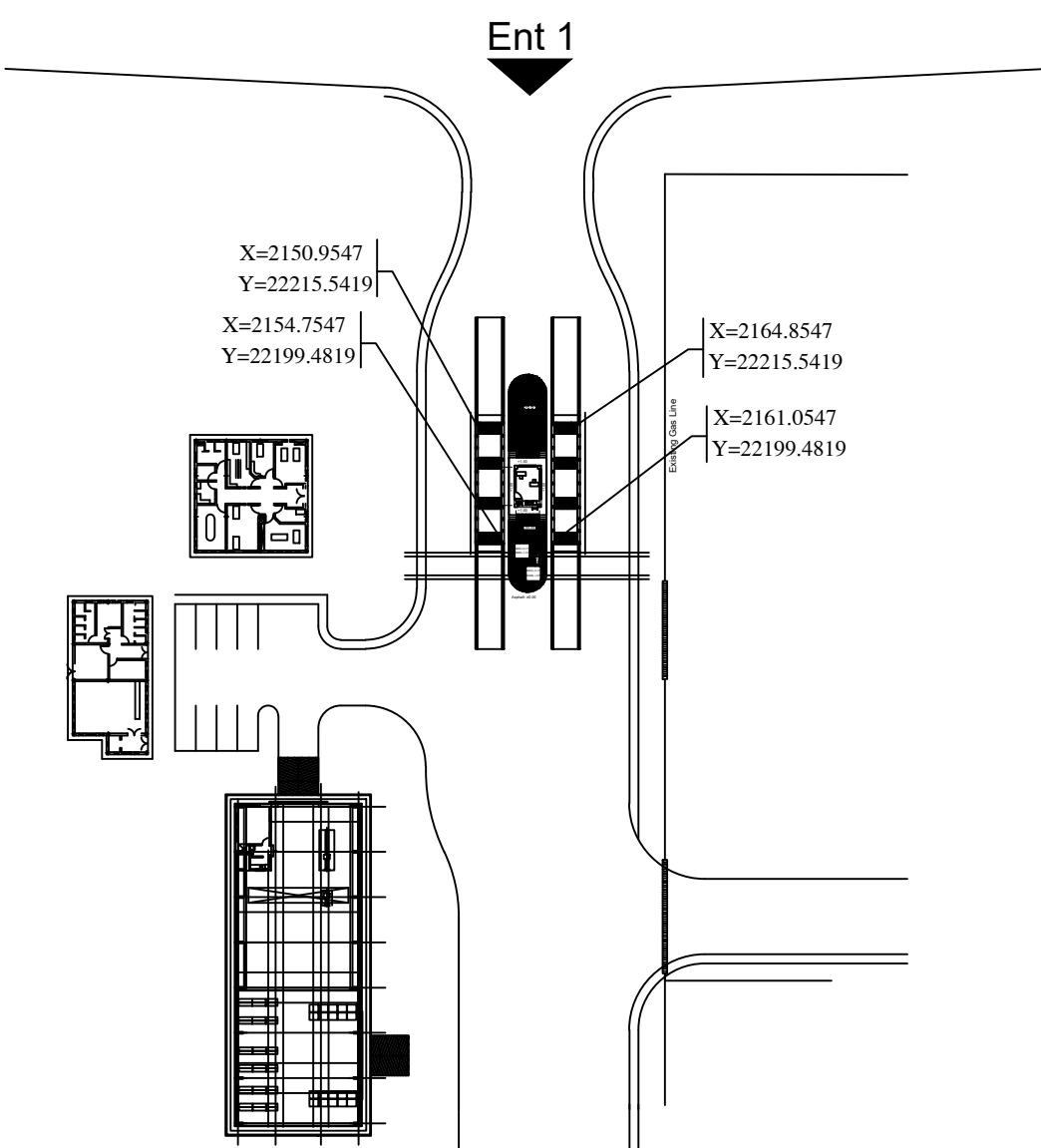
EARTHING OF CABLE TRAY
NOT TO SCALE

REFERENCES

NOTE

- 1) GROUNDING CONDUCTOR MUST BE BURIED AT DEPTH 1000MM UNDER GROUND LEVEL.
- 2) FOR MORE DETAILS REFER TO ELECTRICAL INSTALLATION DETAIL.
- 3) ALL PANELS EARTHING CONDUCTORS SHALL BE CONNECTED TO EARTH BAR.
- 4) ALL EXPOSED CONDUCTIVE PARTS SHALL BE CONNECTED TO THE INTERNAL EARTHING LOOP.
- 5) EARTHING CABLING FROM PRIMARY EARTHING TO EARTH BAR SHALL BURRIED TYPE USING BARE COPPER CONDUCTOR.
- 6) THE BURIED GROUND CONDUCTOR SHALL BE SURROUNDED BY MIN 300MM OF FINE SOIL IN EACH DIRECTION.
- 7) EARTHING SYSTEM SHALL BE CONNECTED TO EXCISTING EARTHING SYSTEM & CONNECTION TO FUTURE EARTHING SYSTEM SHALL BE CONSIDERED.

KEY PLAN



00	29 JUN 2026	FIRST ISSUED FOR DETAIL DESIGN	M.KHAVARI	F.NIKNAM	A.MONFARED
Rev.	Date	Revisions description	Prepared	Checked	Approved

for TENDER DOCUMENT

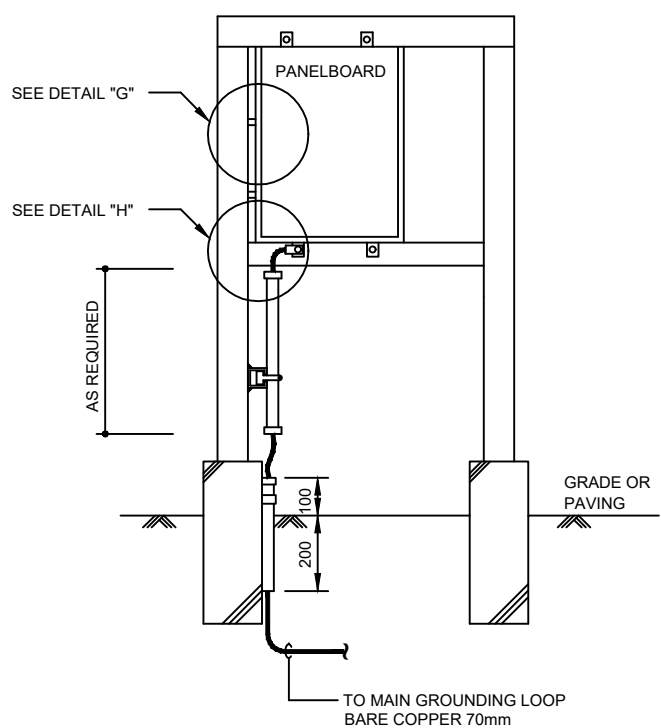
CLIENT:	CONSULTANT:
شرکت توسعه آهن و فولاد گل گهر G.I.S.D.Co.	برسو BARSOO CONSULTING AND PROJECT MANAGEMENT شرکت مهندسی

CONTRACTOR:	SUBCONTRACTOR:
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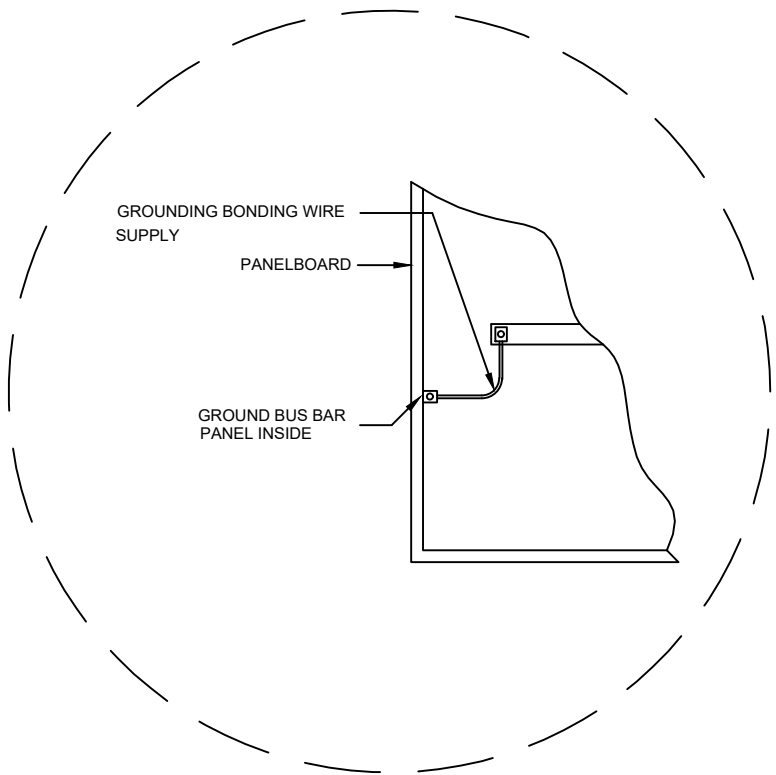
Name	Date:	Sign.	CLIENT DOC . NO.
Approved	A.MONFARED	1405.04.08	S-LM01-D-LIM-WHS-DWG-EL-001
Checked:	F.NIKNAM	1405.04.08	PROJECT NO.:
Designed:	M.KHAVARI	1405.04.08	SCALE 1:100 DOC CLASS NO.: --

PROJECT:		LIME PLANT WEIGHING STATION								
DRAWING TITLE:		EARTHING SYSTEM LAYOUT WEIGHING DETAIL 1								
DRAWING NO.										
REGION CODE	PROJECT CODE	SUB PHASE CODE	AREA CODE	UNIT CODE	DOC TYPE CODE	DISCIPLINE CODE	SERIAL NO	REV	SIZE	SHEET
S	LM01	D	LIM	WHS	DWG	EL	001	0	A1	12/13

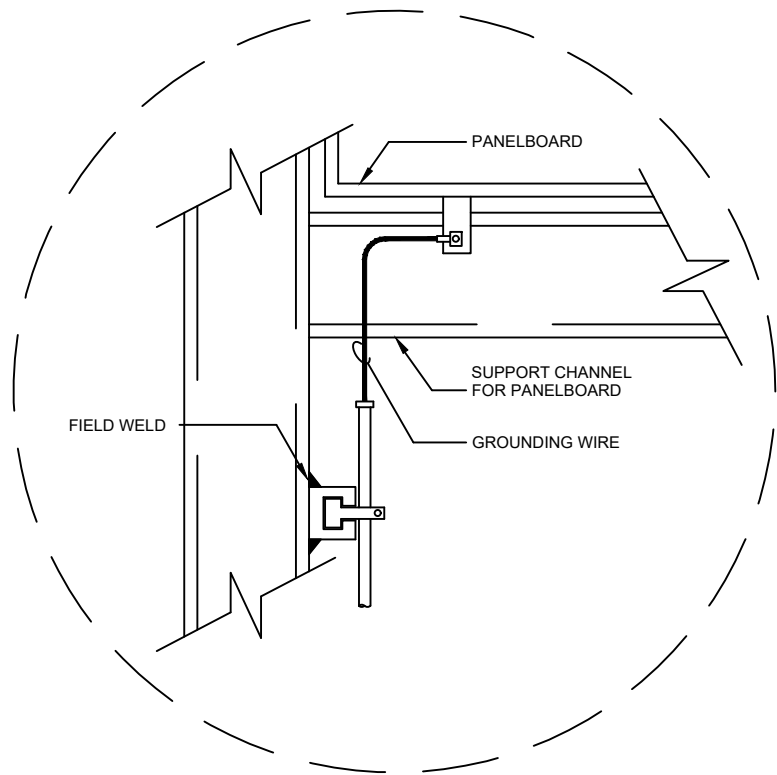
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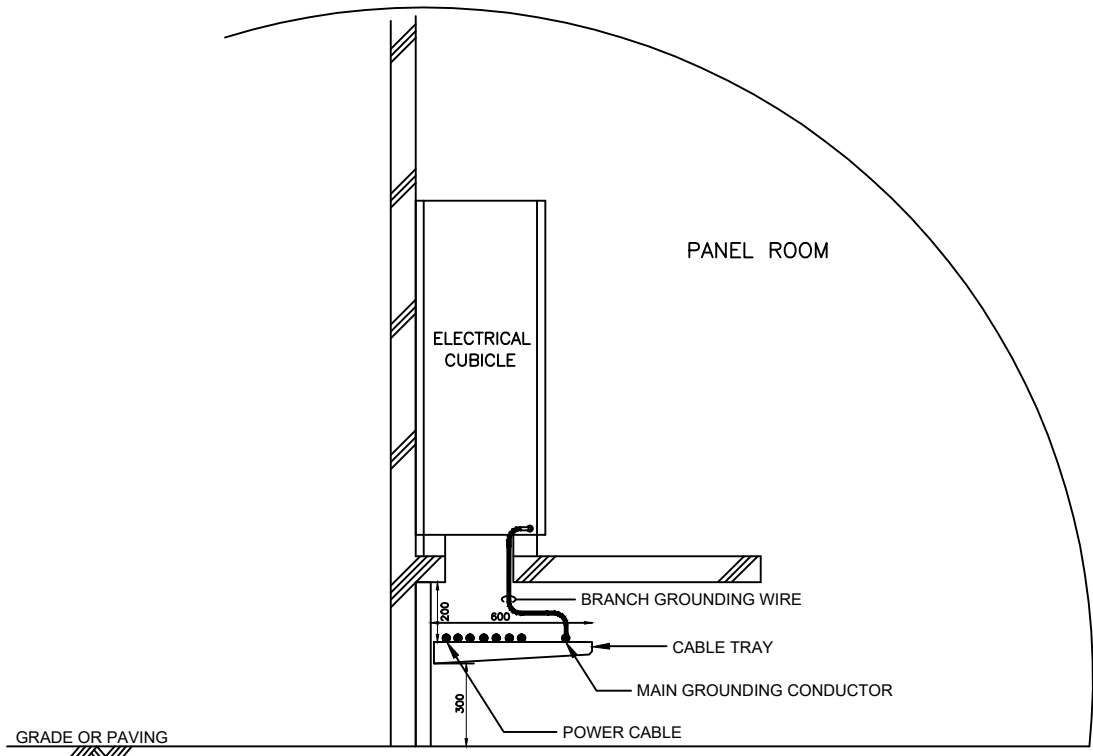
PANELBOARD (OUTDOOR)
NOT TO SCALE



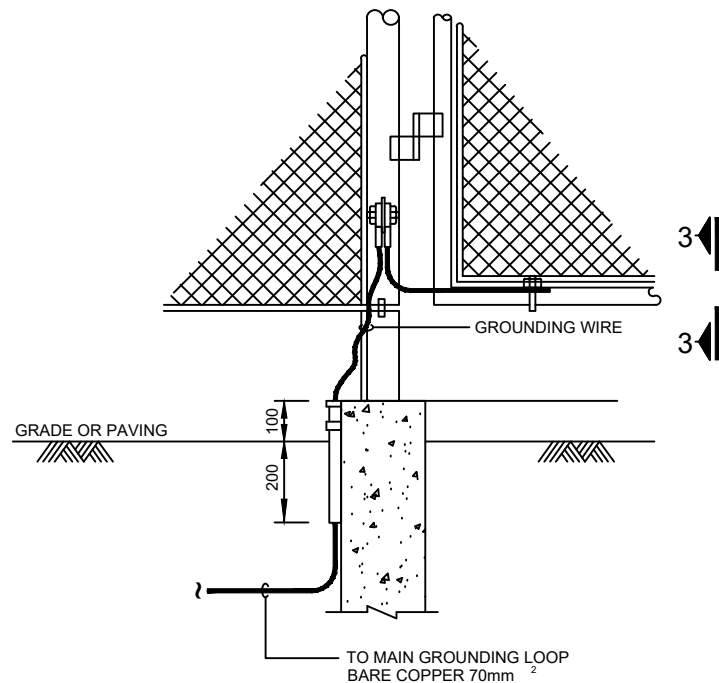
DETAIL "G"
NOT TO SCALE



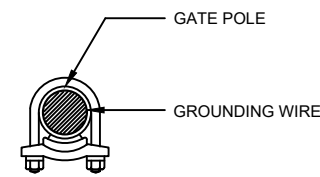
DETAIL "H"
NOT TO SCALE



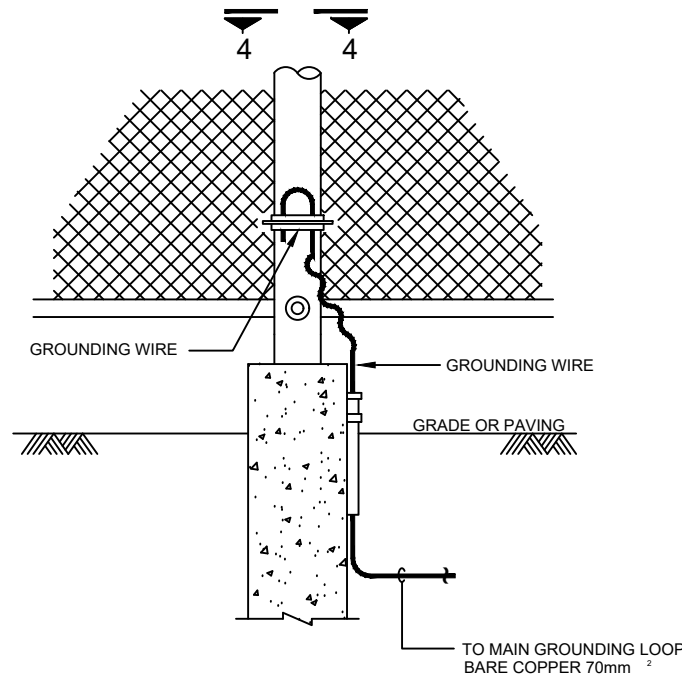
ELECTRICAL EQUIPMENT
NOT TO SCALE



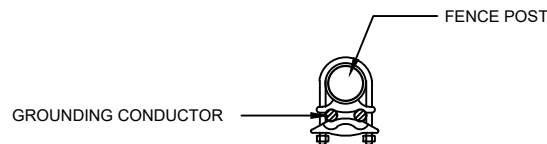
GATE (FENCE)
NOT TO SCALE



SECTION "3-3"
NOT TO SCALE



FENCE POLE
NOT TO SCALE



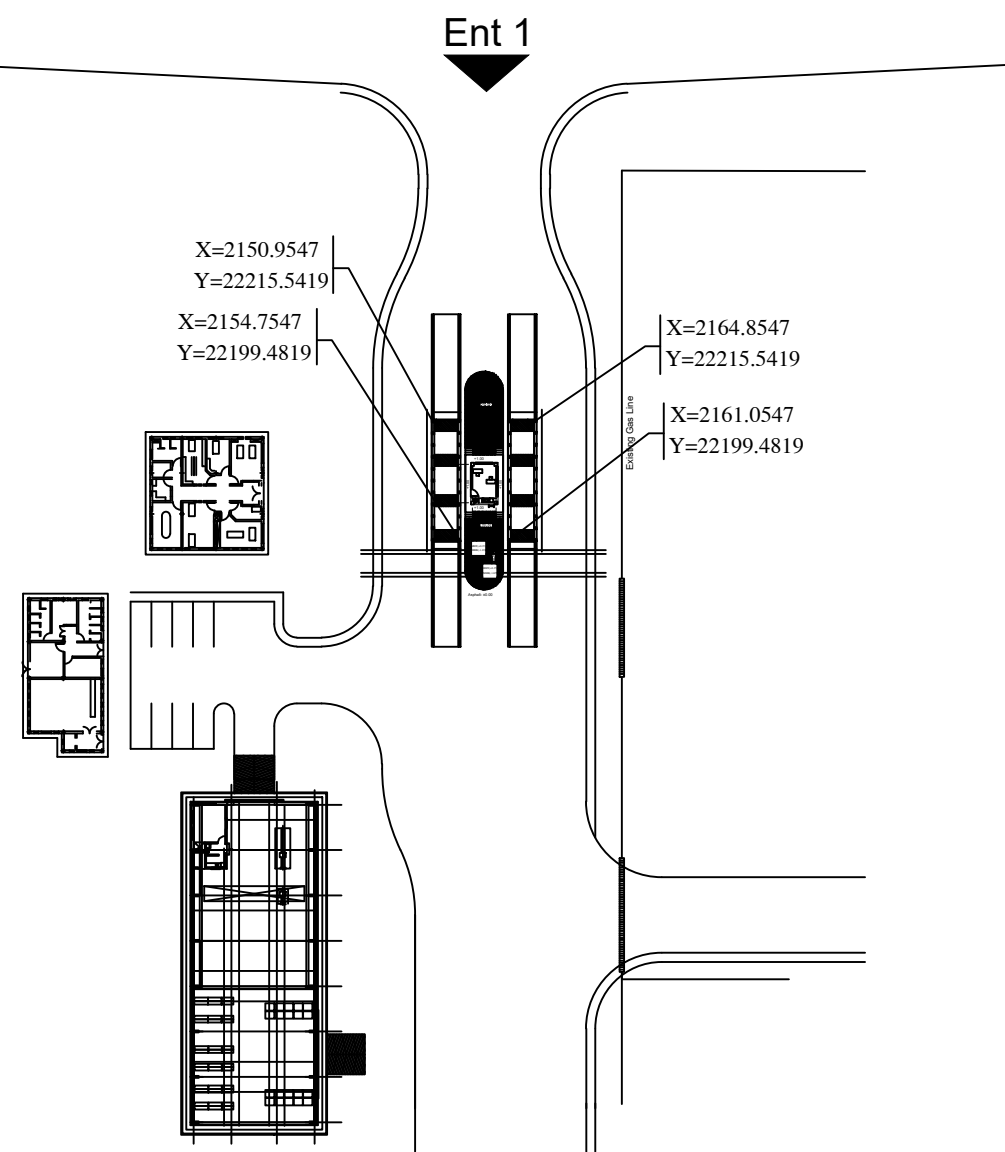
SECTION "4-4"
NOT TO SCALE

REFERENCES

NOTE

- 1) GROUNDING CONDUCTOR MUST BE BURIED AT DEPTH 1000MM UNDER GROUND LEVEL.
- 2) FOR MORE DETAILS REFER TO ELECTRICAL INSTALLATION DETAIL.
- 3) ALL PANELS EARTHING CONDUCTORS SHALL BE CONNECTED TO EARTHBAR.
- 4) ALL EXPOSED CONDUCTIVE PARTS SHALL BE CONNECTED TO THE INTERNAL EARTHING LOOP.
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- 7) EARTHING SYSTEM SHALL BE CONNECTED TO EXCISTING EARTHING SYSTEM & CONNECTION TO FUTURE EARTHING SYSTEM SHALL BE CONSIDERED.

KEY PLAN



00	29 JUN 2026	FIRST ISSUED FOR DETAIL DESIGN	M.KHAVARI	F.NIKNAM	A.MONFARED
Rev.	Date	Revisions description	Prepared	Checked	Approved

for TENDER DOCUMENT

CLIENT:	CONSULTANT:
شرکت توسعه آخن و فولاد گل گهر G.I.S.D.Co.	برسو BARSOO CONSULTING and PROJECT MANAGEMENT شرکت مهندسی

CONTRACTOR:	SUBCONTRACTOR:
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	Name	Date:	Sign.	CLIENT DOC . NO.
Approved	A.MONFARED	1405.04.08	--	S-LM01-D-LIM-WHS-DWG-EL-001
Checked:	F.NIKNAM	1405.04.08	--	PROJECT NO.:
Designed:	M.KHAVARI	1405.04.08	--	SCALE 1:100 DOC CLASS NO.: --

PROJECT:		LIME PLANT WEIGHING STATION								
DRAWING TITLE:		EARTHING SYSTEM LAYOUT WEIGHING DETAIL 2								
DRAWING NO.										
REGION CODE	PROJECT CODE	SUB PHASE CODE	AREA CODE	UNIT CODE	DOC TYPE CODE	DISCIPLINE CODE	SERIAL NO	REV	SIZE	SHEET
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