

REFERENCE DOCUMENTS		No.

LEGEND :

OUTDOOR LIGHTING PANEL
SINGLE LINE DIAGRAM

CLIENT:		CONSULTANT:								
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CONTRACTOR:		SUBCONTRACTOR:								
		CLIENT DOC . NO.								
Name		Date:	Sign.							
Approved		AMONFRED 1404.10.21	--							
Checked:		F.NIKNAM 1404.10.21	--							
Designed:		AM 1404.10.21	--							
PROJECT:		SCALE --	DOC CLASS NO.: --							
PROJECT: -- --										
DRAWING TITLE: Outdoor Lighting Panel Single Line Diagram										
DRAWING NO.										
REGION CODE	PROJECT CODE	SUB PHASE CODE	AREA CODE	UNIT CODE	DOC TYPE CODE	DISCIPLINE CODE	SERIAL NO	REV	SIZE	SHEET
									A1	

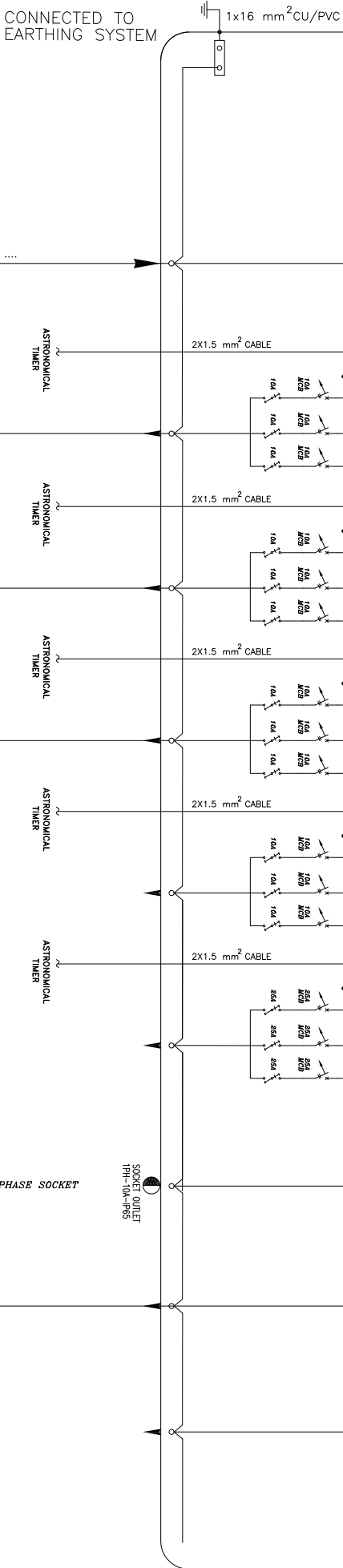
0	First Issue	AM	F.NIKNAM	AMONFRED	1404.10.21
Rev.	DESCRIPTION	Prepared	Checked	Approved	Date

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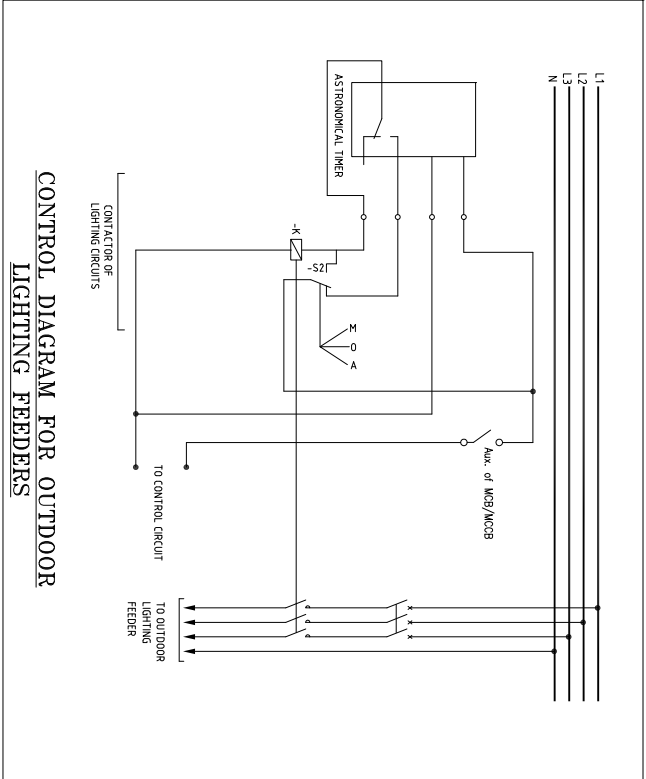
SLP01

STRUCTURE MOUNTED, RAINY TYPE, OUTDOOR, IP56, CONSTRUCTED OF COLD ROLLED STEEL 2mm IN THICKNESS, RAL 7032.

3PH/4/PE, ~50Hz, 400/230V, I_{sc}=10kA/1Sec, 50AMP., COPPER BUSBAR



FEEDER NO.	0	1	2	3	4	5	6	7	8
POWER (kW)	15.2	1.8	2.4	1.8	—	—	2.0	7.2	—
CURRENT (A)	27.42	3.25	4.33	3.25	—	—	16	13	—
PHASES	L1,L2,L3,N,PE	L1,L2,L3,N,PE	L1,L2,L3,N,PE	L1,L2,L3,N,PE	—	—	L1,N,PE	L1,L2,L3,N,PE	—
CABLE SIZE (mm²)	5x25+16+16	5x6	5x6	5x6	—	—	3x4	—	—
CABLE TYPE	N2XY	NYJ-J	NYJ-J	NYJ-J	—	—	NYJ-J	—	—
CONDUIT SIZE	2 INCH	2 INCH	2 INCH	2 INCH	—	—	—	—	—
CABLE CLAND SIZE		M25	M25	M25	—	—	—	—	—



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NO.

CLIENT DOC . NO.

PROJECT NO. : 157DEGU5010102-00

DOC CLASS NO. : --

DRAWING TITLE: Outdoor Lighting Panel Single Line Diagram

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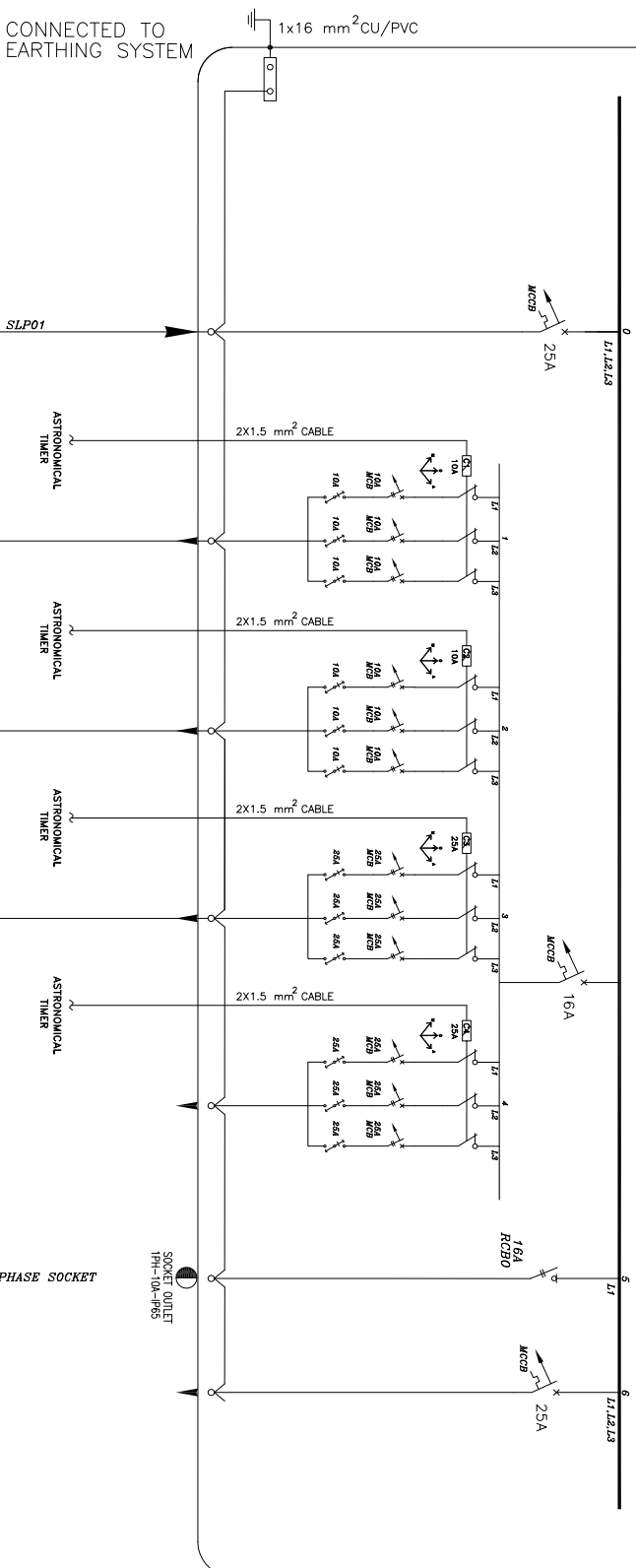
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LEGEND

SLP02

STRUCTURE MOUNTED, RAINY TYPE, OUTDOOR, IP55, CONSTRUCTED OF COLD ROLLED STEEL 2mm IN THICKNESS, RAL 7032.

3PH/N/PE, ~50Hz, 400/230V, Isc=10kA/1Sec, 25AMP., COPPER BUSBAR



FEDER. NO.	0	1	2	3	4	5	6
POWER (kW)	7.2	1.8	1.8	1.6	—	2.0	—
CURRENT (A)	13	3.25	3.25	2.88	—	16	—
PHASES	L1,L2,L3,N,PE	L1,L2,L3,N,PE	L1,L2,L3,N,PE	L1,L2,L3,N,PE	—	L1,N,PE	—
CABLE SIZE (mm ²)	5x10	5x6	5x6	5x6	—	3x4	—
CABLE TYPE	N2XY	NYJ-J	NYJ-J	NYJ-J	—	NYJ-J	—
CONDUIT SIZE	4 INCH	2 INCH	2 INCH	2 INCH	—	—	—
CABLE GLAND SIZE	M32	M25	M25	M25	—	—	—

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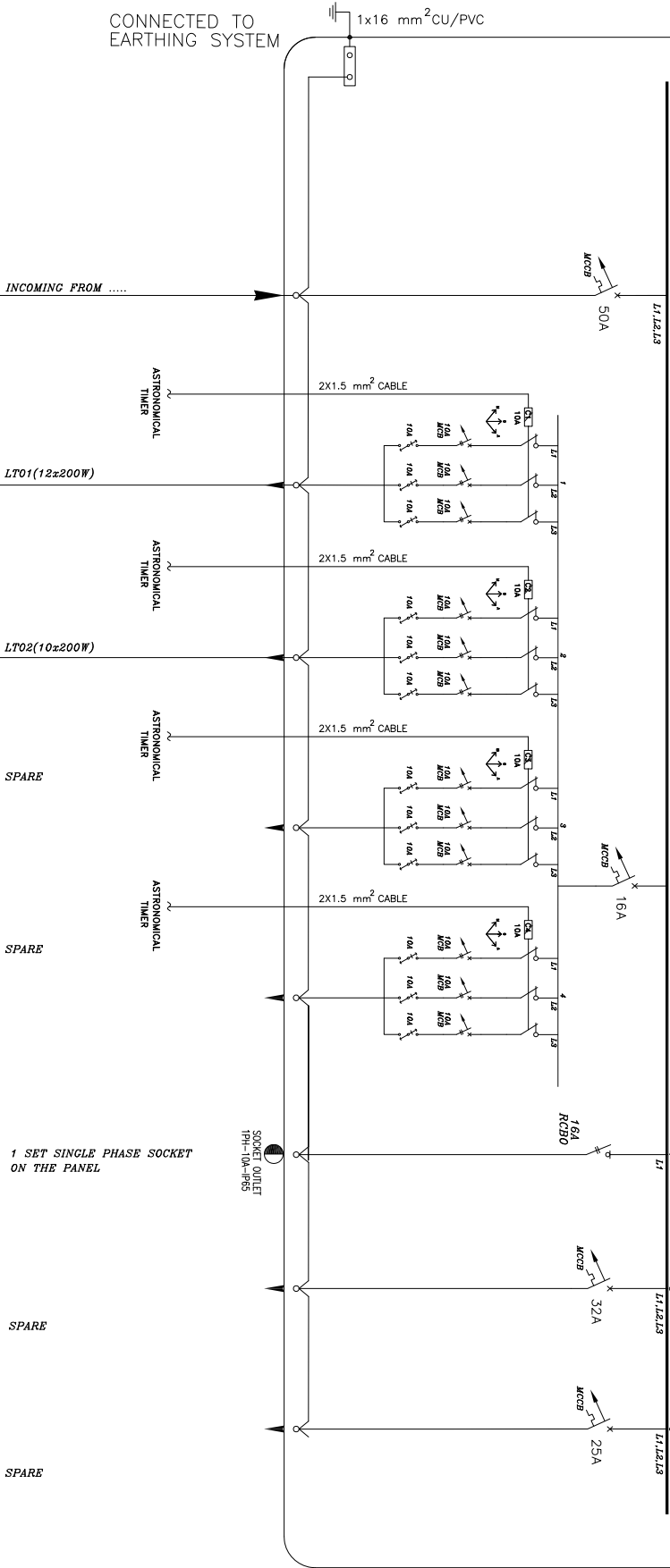
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LEGEND :

SLP03

STRUCTURE MOUNTED, RAINY TYPE, OUTDOOR, IP55, CONSTRUCTED OF COLD ROLLED STEEL 2mm IN THICKNESS, RAL 7032.

3PH/4/P.E. ~50Hz, 400/230V I_{sc}=10kA/1Sec, 50AMP., COPPER BUSBAR



FEEDER NO.	0	1	2	3	4	5	6	7
POWER (kW)	6.4	2.4	2.0	—	—	2.0	—	—
CURRENT (A)	11.55	4.33	3.6	—	—	16	—	—
PHASES	L1,L2,L3,N,PE	L1,L2,L3,N,PE	L1,L2,L3,N,PE	—	—	L1,N,PE	—	—
CABLE SIZE (mm ²)	5x25+16+16	5x6	5x6	—	—	3x4	—	—
CABLE TYPE	N2XY	NYT-J	NYT-J	—	—	NYT-J	—	—
CONDUIT SIZE	4 INCH	2 INCH	2 INCH	—	—	—	—	—
CABLE GLAND SIZE	M25	M25	M25	—	—	—	—	—

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