

Distribution Design Catalogue – Section 11: LU – Low Voltage Underground

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Document Control		
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Date Created/Last Updated	June 2025	
Review Frequency **	Annually	
Next Review Date **	June 2026	

* Shall be the Process Owner and is the person assigned authority and responsibility for managing the whole process, end-to-end, which may extend across more than one division and/or functions, in order to deliver agreed business results.

** Frequency period is dependent upon circumstances– maximum is 5 years from last issue, review, or revision whichever is the latest. If left blank, the default shall be 1 year unless otherwise specified.

Revision Control		
Revision	Date	Description
11	19/06/2025	Compatible Units Updated


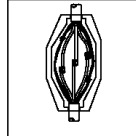
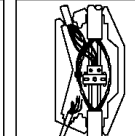
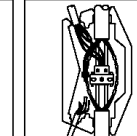
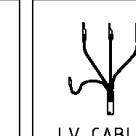
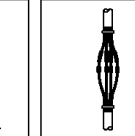
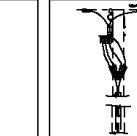
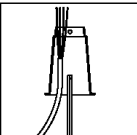
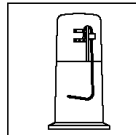
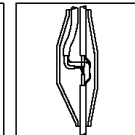
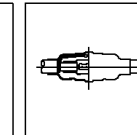
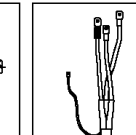
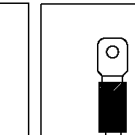
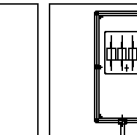
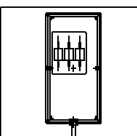
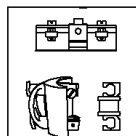
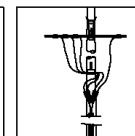
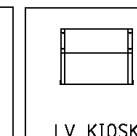
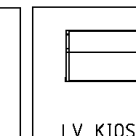
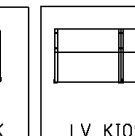
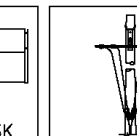
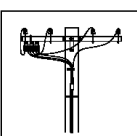
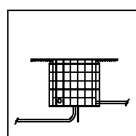
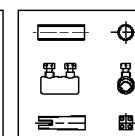
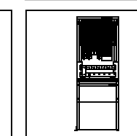
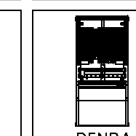
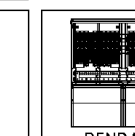
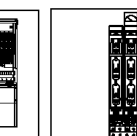
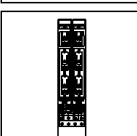
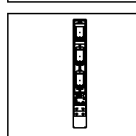
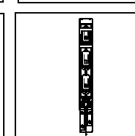
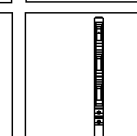
Please see Appendix A for full revision history

STAKEHOLDERS	
<i>The following positions shall be consulted if an update or review is required:</i>	
<i>Asset Managers</i>	<i>Field Practice Coordinators</i>
<i>Works Delivery Managers</i>	<i>Logistic Manager</i>
<i>Asset Service Delivery Managers</i>	<i>EPCM Contract Manager</i>

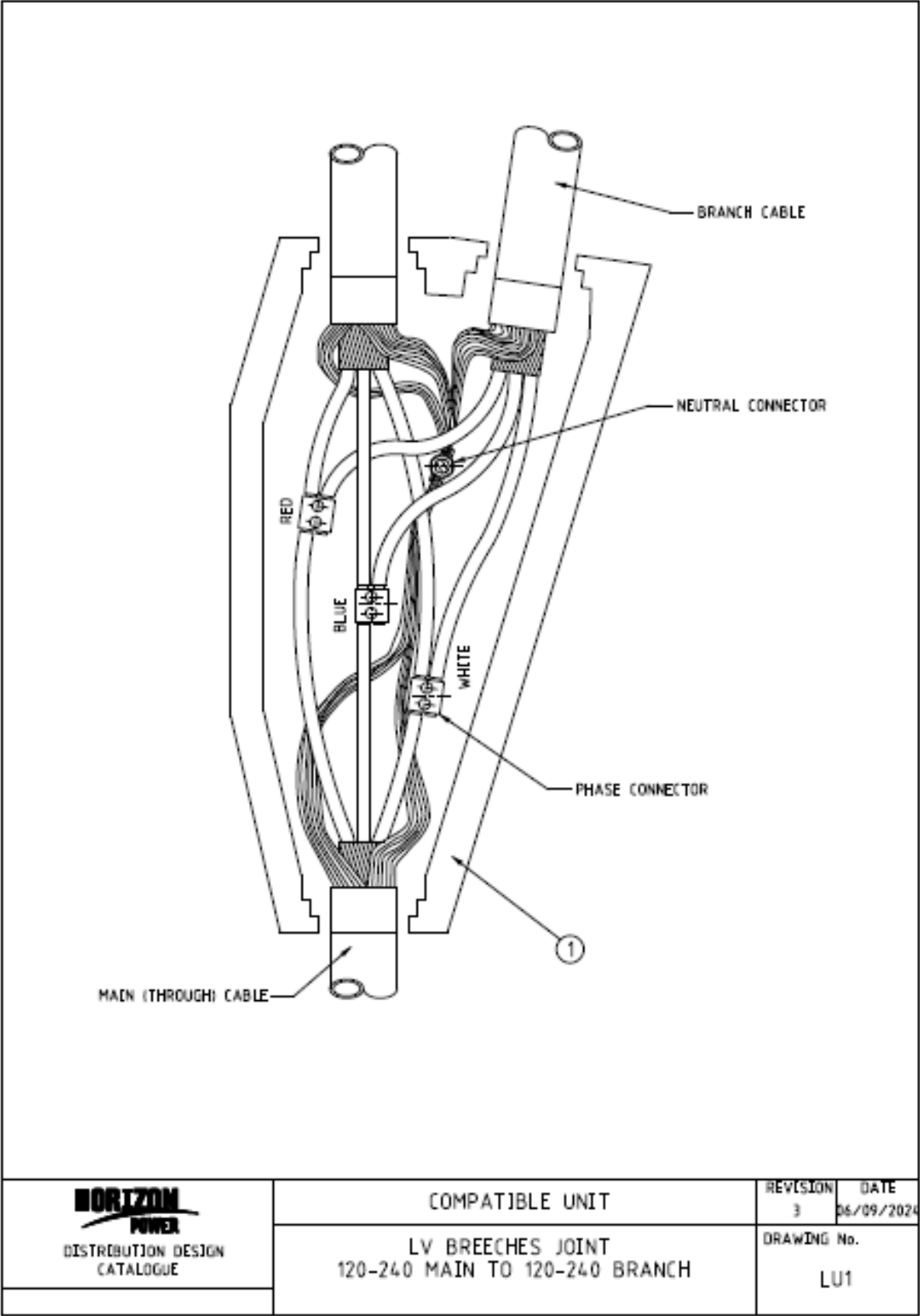
LOW VOLTAGE UNDERGROUND LIST

CU	CU DESCRIPTION
LU1	LV Breeches joint 120-240 Main to 120-240 Branch
LU2	LV Straight joint 120/240, 185/185, 185/240 & 240/240
LU4	LV Tee joint 25/120-25/185
LU5	LV Tee joint 25/240
LU7 240	Universal pillar termination – 120 to 240
LU8	Straight joint 25/25
LU9 240	240sqmm Cable to LV Krone
LU10	Mini pillar & 1 x 25sqmm cable termination
LU10 2TERM	Mini pillar & 2 x 25sqmm cable termination
LU10 CABTERM	25sqmm cable termination to existing pillar
LU10 W/END	Mini pillar used for working end
LU11	Universal pillar
LU12	Tee joint 10/10-10/16-16/16
LU13	Straight joint 10/10-10/16-16/16
LU14 16/160A	Cable to fuse switch- 16 (Single phase)/160A Base
LU14 25/160A	Cable to fuse switch- 25/160A Base
LU14 25/630A	Cable to fuse switch- 25/630A Base
LU14 120	Cable to fuse switch – 120
LU14 240	Cable to fuse switch – 185/240
LU16 400CU16	Transformer 400sqmm Cu M16 Termination Kit
LU16 400CU12	PENDA 400sqmm Cu M12 Termination Kit
LU34	Wall mounted box – 100 amp
LU35	Wall mounted box – 200 amp
LU36 63A	J-type fuse 63A and carrier for universal pillar
LU36 100A	J-type fuse 100A and carrier for universal pillar
LU36 160A	J-type fuse 160A and carrier for universal pillar
LU36 200A	J-type fuse 200A and carrier for universal pillar
LU36 315A	J-type fuse 315A and carrier for universal pillar
LU36 Link	Link 400 amp for universal pillar
LU37 240	Cable to LV ABC Switch for a 240sqmm sq cable
LU41	Base for LV kiosk Type 1
LU42	Base for LV kiosk Type 2
LU43	Base for LV kiosk Type 3
LU50 25 95	Cable to LVABC – 25 to 95
LU50 25 150	Cable to LVABC – 25 to 150
LU50 16 95	16sqmm cable to 95 ABC

CU	CU DESCRIPTION
LU50_16_150	16sqmm cable to 150 ABC
LU51_25	25sqmm CU cable to LV Bare Conductor
LU51_16	16sqmm CU cable to LV Bare Conductor
LU52	Below Ground Service Pit
LU53	Low Voltage Cable Joint Kit
LU63	Type 1 PENDA Kiosk – Indoor
LU63_O	Type 1 PENDA Kiosk – Outdoor
LU64	Type 2 PENDA Kiosk – Indoor
LU64_O	Type 2 PENDA kiosk – Outdoor
LU65	Type 3 PENDA Kiosk – Indoor
LU65_O	Type 3 PENDA Kiosk – Outdoor
LU66_TX	2000A Tx Switch Disconnecter (Incoming Supply to PENDA)
LU66_CUST	2000A Customer Switch Disconnecter (Connection to PENDA)
LU67	1260A Fused Switch Disconnecter (Connection to PENDA)
LU68	910A Fused Switch Disconnecter (Connection to PENDA)
LU69	630A Fused Switch Disconnecter (Connection to PENDA)
LU70	160A Fused Switch Disconnecter (Connection to PENDA)

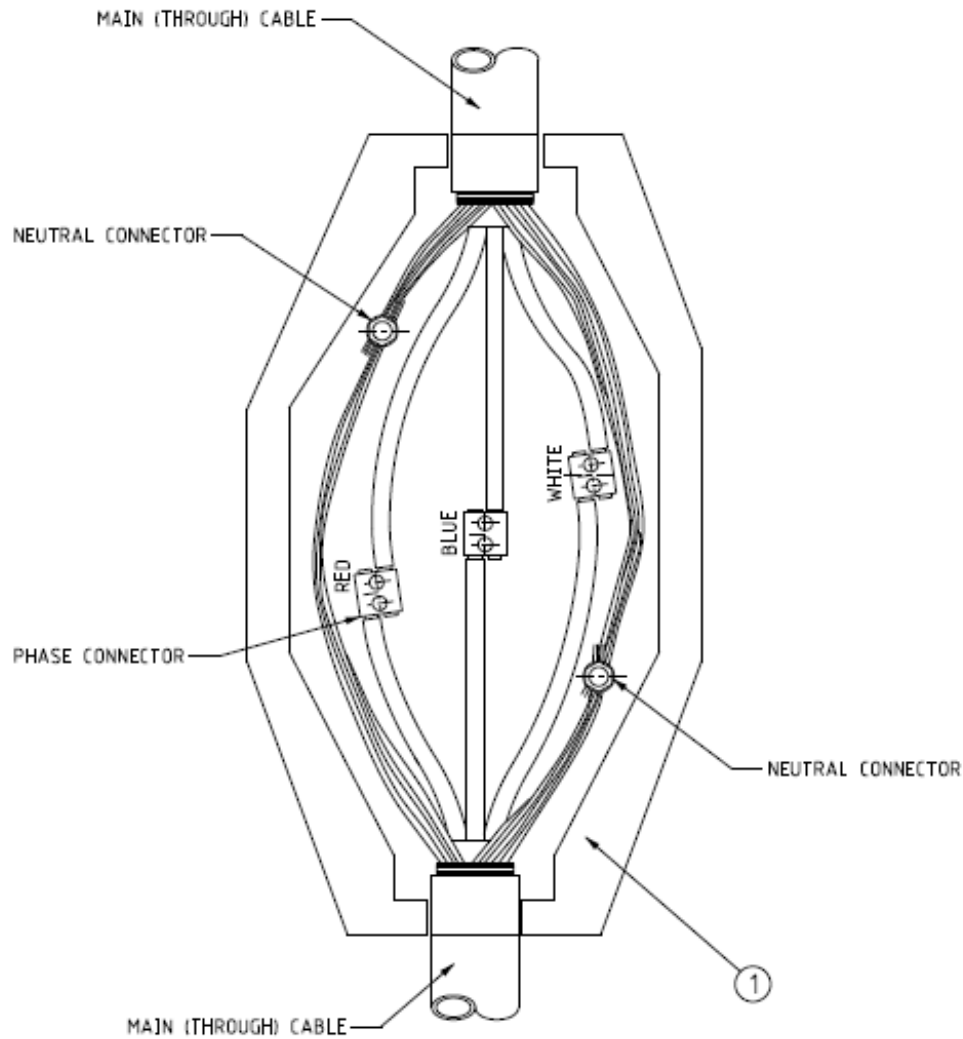
 120-240 MAIN TO 120-240 BRANCH LU1	 120/240 185/185 185/240 240/240 LU2	 25/120 25/185 LU4	 25/240 LU5	 LV CABLE TERMINATION LU7	 25-25 LU8	 CABLE TO LV KRONE LU9
 MINI PILLAR LU10	 UNI PILLAR LU11	 10/16 T JOINT LU12	 10/16-10/16 LU13	 LV TERM LU14	 TERM KIT LU16	 100AMP LU34
 200AMP LU35	 LINK/FUSE LU36	 CABLE-LVABC LU37	 LV KIOSK BASE TYPE 1 LU41	 LV KIOSK BASE TYPE 2 LU42	 LV KIOSK BASE TYPE 3 LU43	 10/16 & 25 / LVABC LU50
 10/16 & 25 / LV BARE LU51	 CABLE PIT LU52	 LV CABLE JOINT KIT LU53	 PENDA TYPE 1 LU63	 PENDA TYPE 2 LU64	 PENDA TYPE 3 LU65	 2000A DISC. LU66
 1260A FUSED DISC. LU67	 910A FUSED DISC. LU68	 630A FUSED DISC. LU69	 160A FUSED DISC. LU70			

 DISTRIBUTION DESIGN CATALOGUE OPERATIONS DIVISION	COMPATIBLE UNIT	REVISION 7	DATE 10/06/25
	LU COMPATIBLE UNITS	DRAWING No.	
		LU INDEX	



CU	CU DESCRIPTION
LU1	Breeches joint 120-240 Main to 120-240 Branch

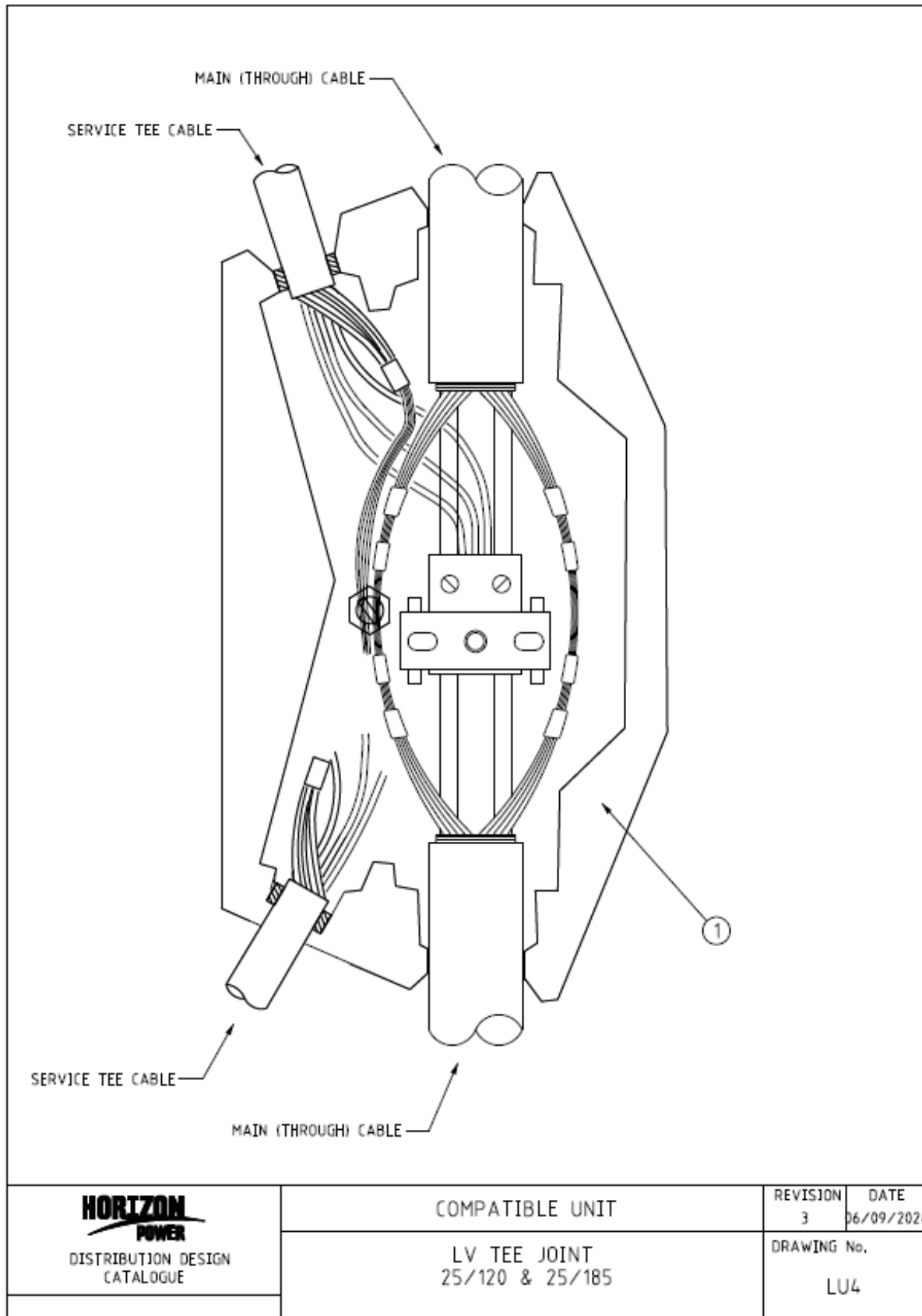
ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY Rqd	UNIT OF MEASURE	REMARKS
1	FJ0063	LV Breech Joint kit –120-240sqmm to 120-240sqmm wavecon XLPE cable	1	ea	
	KC0014	LV Joint resin, Guroflex two-part 4 litre	5	ea	



HORIZON POWER DISTRIBUTION DESIGN CATALOGUE	COMPATIBLE UNIT	REVISION 3	DATE 06/09/2024
	LV STRAIGHT JOINT 120/240, 185/185, 185/240 & 240/240	DRAWING No. LU2	

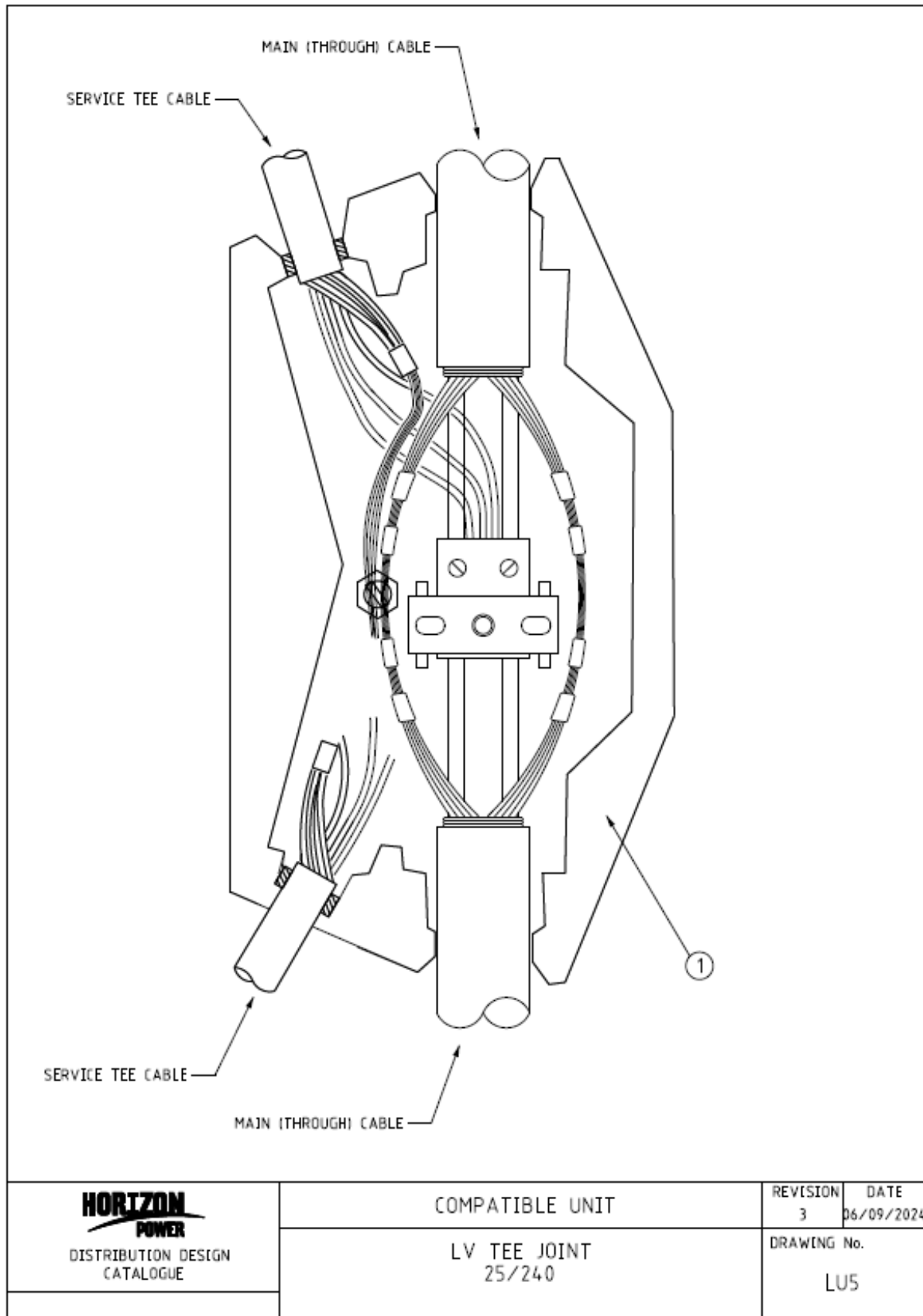
CU	CU DESCRIPTION
LU2	Straight joint 120/120-120/185-120/240-185/185-185/240-240/240

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	FJ0062	LV Straight Joint kit –120-240sqmm wavecon XLPE cable	1	ea	
	KC0014	LV Joint resin, Guroflex two-part 4 litre	2	ea	



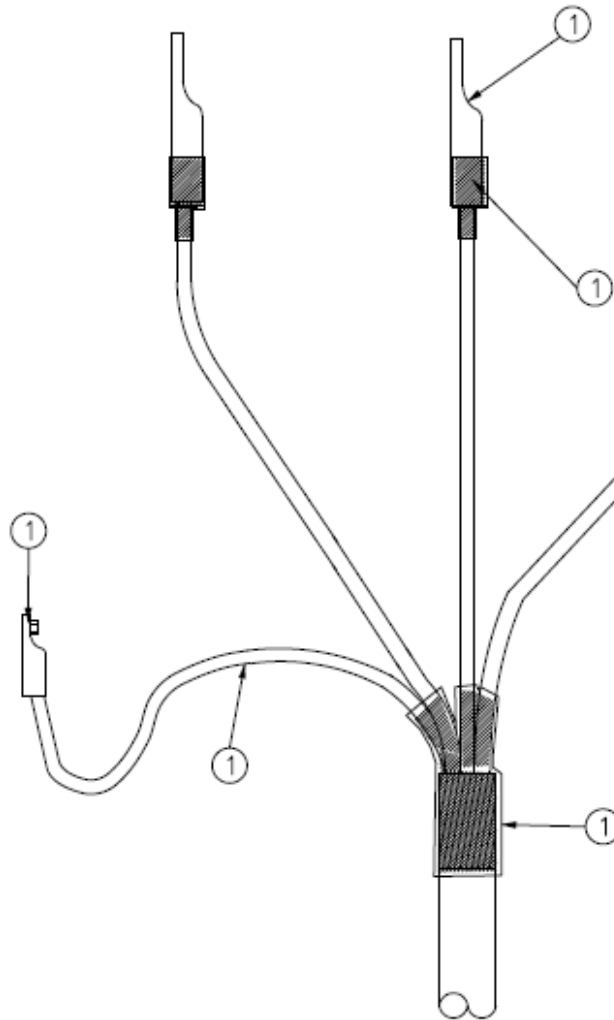
CU	CU DESCRIPTION
LU4	LV Tee joint 25/120-25/185

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	FJ0067	LV Tee Joint kit –120-185sqmm wavecon to 25sqmm service XLPE cable	1	ea	
	KC0014	LV Joint resin, Guroflex two-part 4 litre	2	ea	



CU	CU DESCRIPTION
LU5	Tee joint 25/240

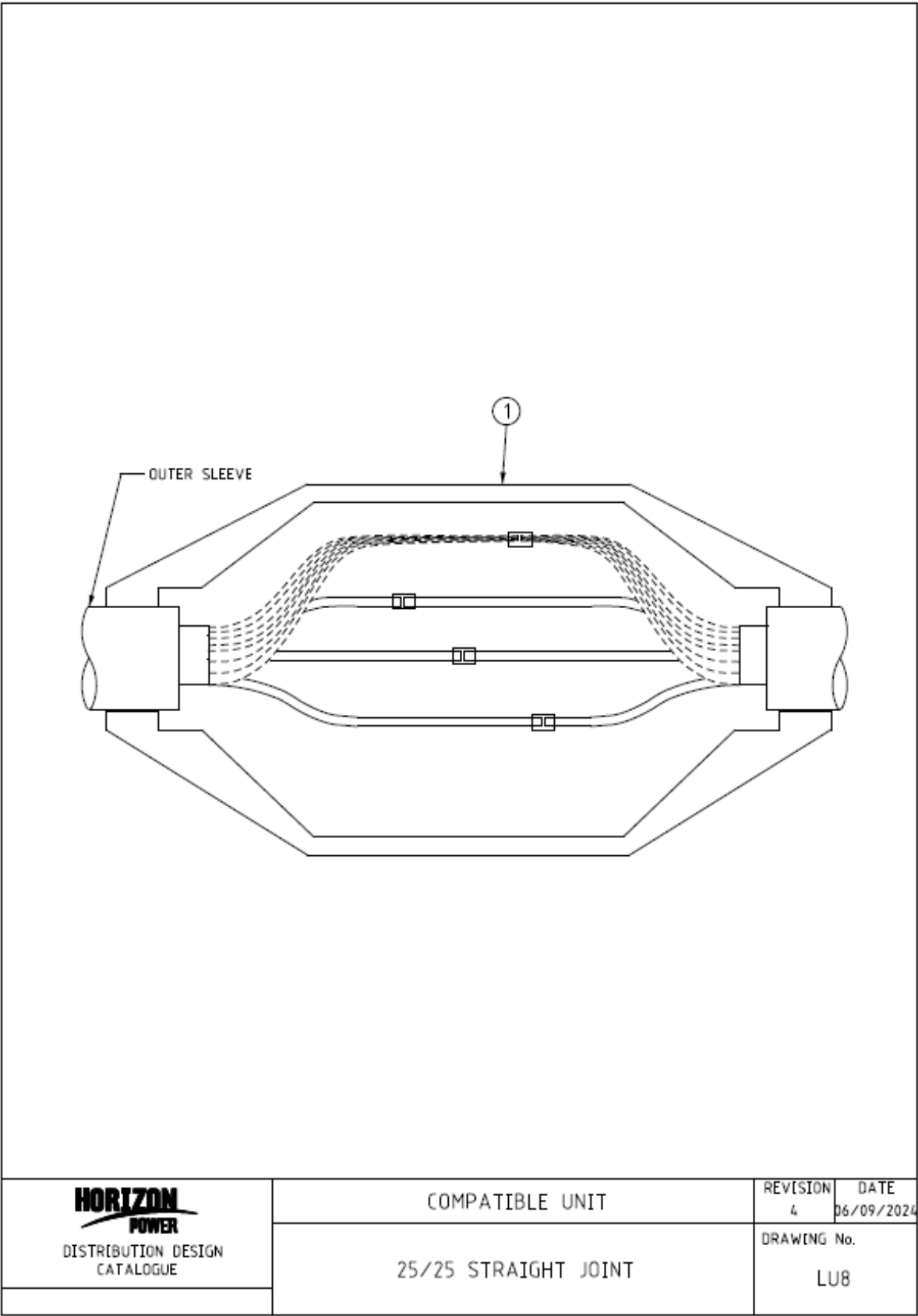
ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	FJ0068	LV Tee Joint kit –240sqmm wavecon to 25sqmm service XLPE cable	1	ea	
	KC0014	LV Joint resin, Guroflex two-part 4 litre	2	ea	
	KC0011	LV Joint resin, Guroflex two-part 1 litre	1	ea	



HORIZON POWER DISTRIBUTION DESIGN CATALOGUE	COMPATIBLE UNIT	REVISION 3	DATE 06/09/2024
	UNIVERSAL PILLAR TERMINATION	DRAWING No. LU7	

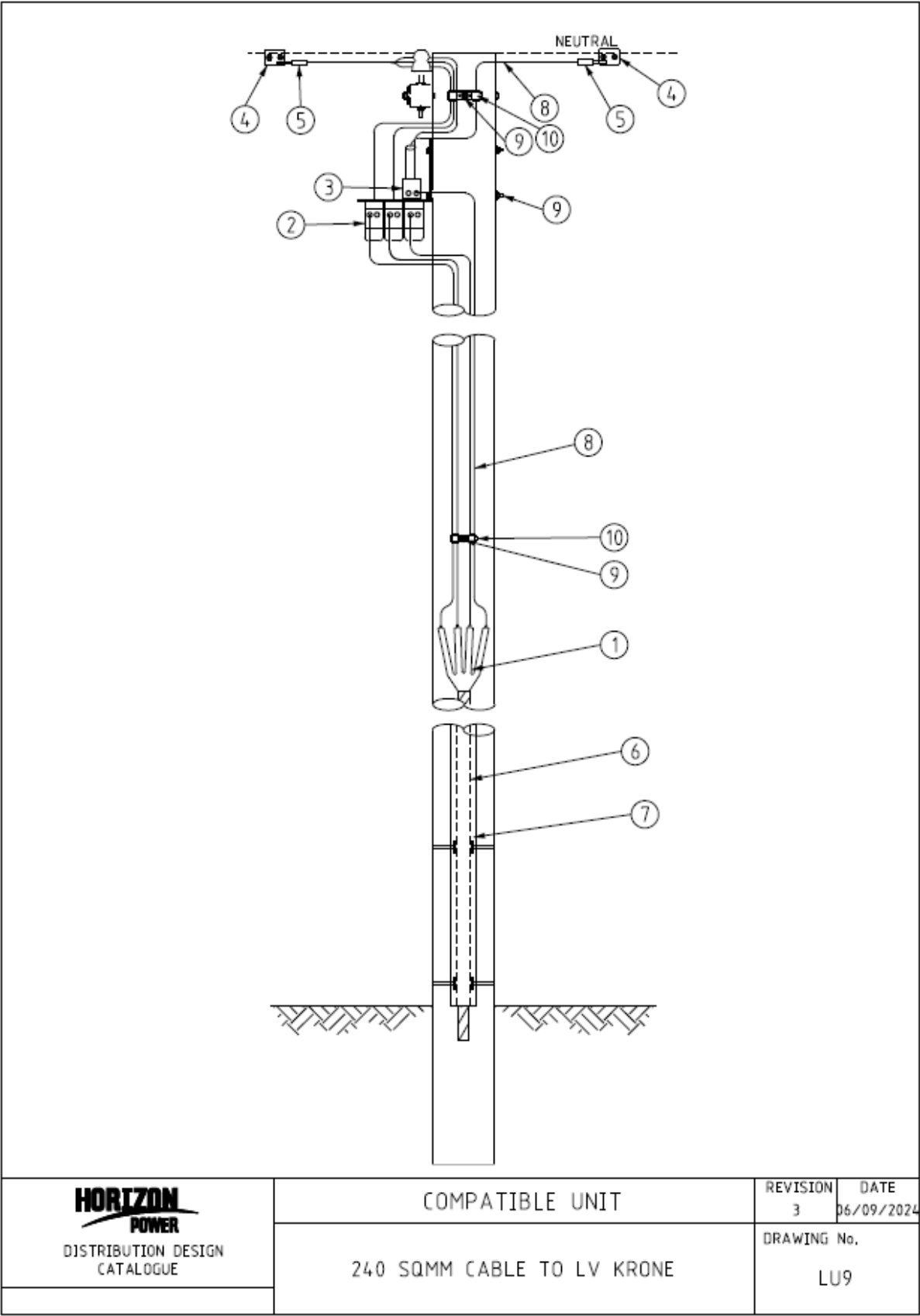
CU	CU DESCRIPTION
LU7_240	Universal pillar termination – 120 to 240

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	FJ0615	Termination Kit, for 120-240sqmm cable	1	ea	



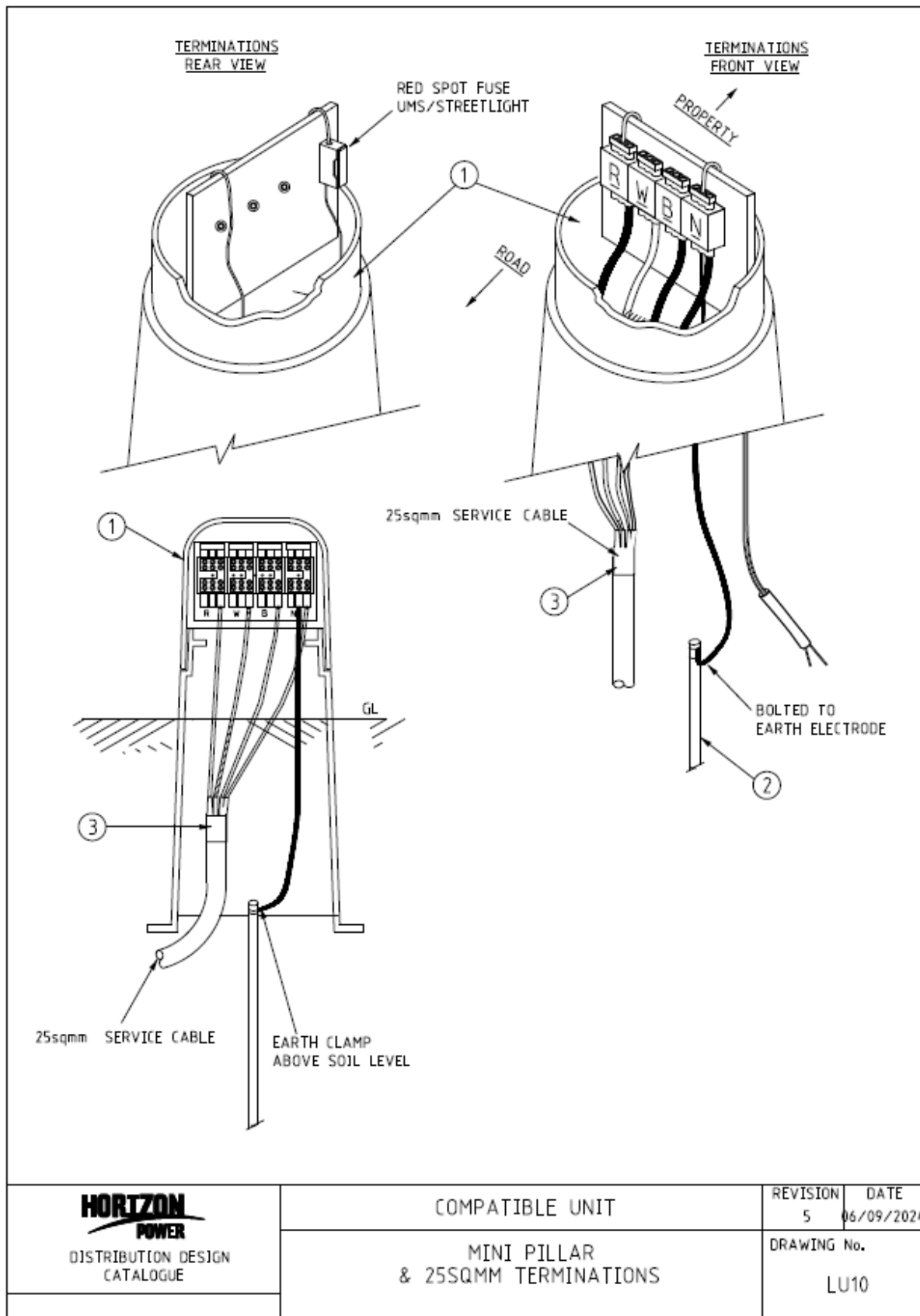
CU	CU DESCRIPTION
LU8	Straight joint 25/25

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	FJ0238	Joint Box – Straight for 25sqmm cable	1	ea	



CU	CU DESCRIPTION
LU9_240	240sqmm Cable to LV Krone

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	FC0499	Splice 95-150 ABC to 120-240sqmm	1	ea	
2	GS0111	Fuse Disconnecter (Rated 400A)	1	ea	
	GF1101	Fuse 315A Type-NH2	3	ea	
3	GS0109	Neutral Block	1	ea	
4		PG Clamps – Select from CN9	4	ea	
5	CJ0496	Splice 150 ABC with alum. tail	4	ea	
6	CB3120	Cable Saddle to suit 240sqmm, galvanized steel	3	ea	
7	HT6320	Cable Protector, galvanized steel channel	1	ea	
8	FT0150	Lead 150 ABC 4m long	1	ea	
9	AB6733	Pole Bolt – M16 x 400mm long with nut and washers	4	ea	
10	CC0110	Suspension Clamp – 150 ABC	4	ea	
	AN2005	Nut – M16, galvanized steel	2	ea	



CU	CU DESCRIPTION
LU10	Mini pillar & 1 x 25sqmm cable termination

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	FBH0059	Mini pillar	1	ea	
2	CE0135	Rod section 1.4m long 15mm diam. ALM CTE	1	ea	
	CE0058	Clamp, double saddle type 13-15mm for earth rod	1	ea	
3	FE0109	Heat-shrink Glove, 4-finger and Sleeving	1	ea	

CU	CU DESCRIPTION
LU10_2TERM	Mini pillar & 2 x 25sqmm cable termination

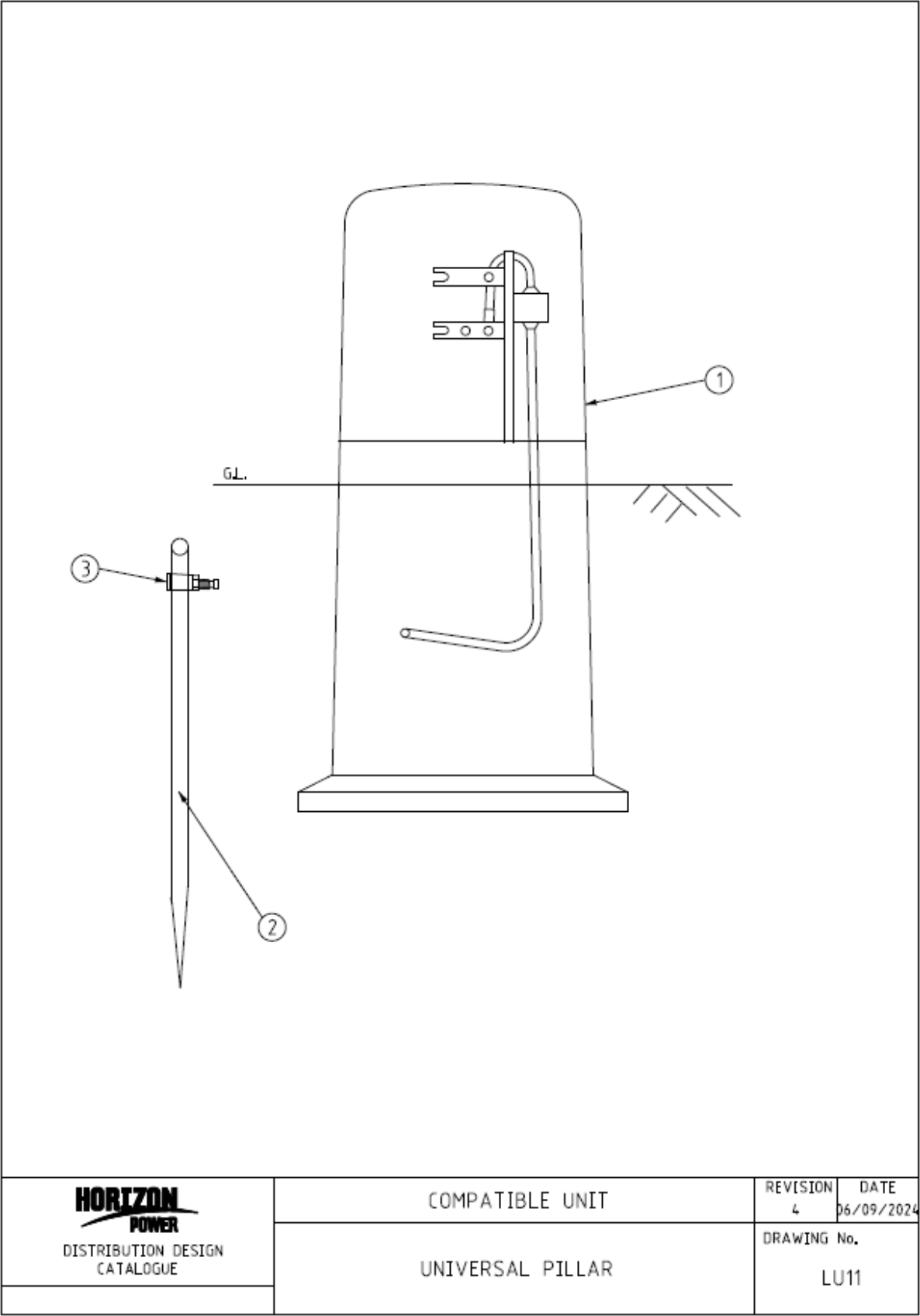
ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	FBH0059	Mini pillar	1	ea	
2	CE0135	Rod section 1.4m long 15mm diam. ALM CTE	1	ea	
	CE0058	Clamp, double saddle type 13-15mm for earth rod	1	ea	
3	FE0109	Heat-shrink Glove, 4-finger and Sleeving	2	ea	

CU	CU DESCRIPTION
LU10_CABTERM	25sqmm cable termination to existing pillar

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
3	FE0109	Heat-shrink Glove, 4-finger and Sleeving	1	ea	

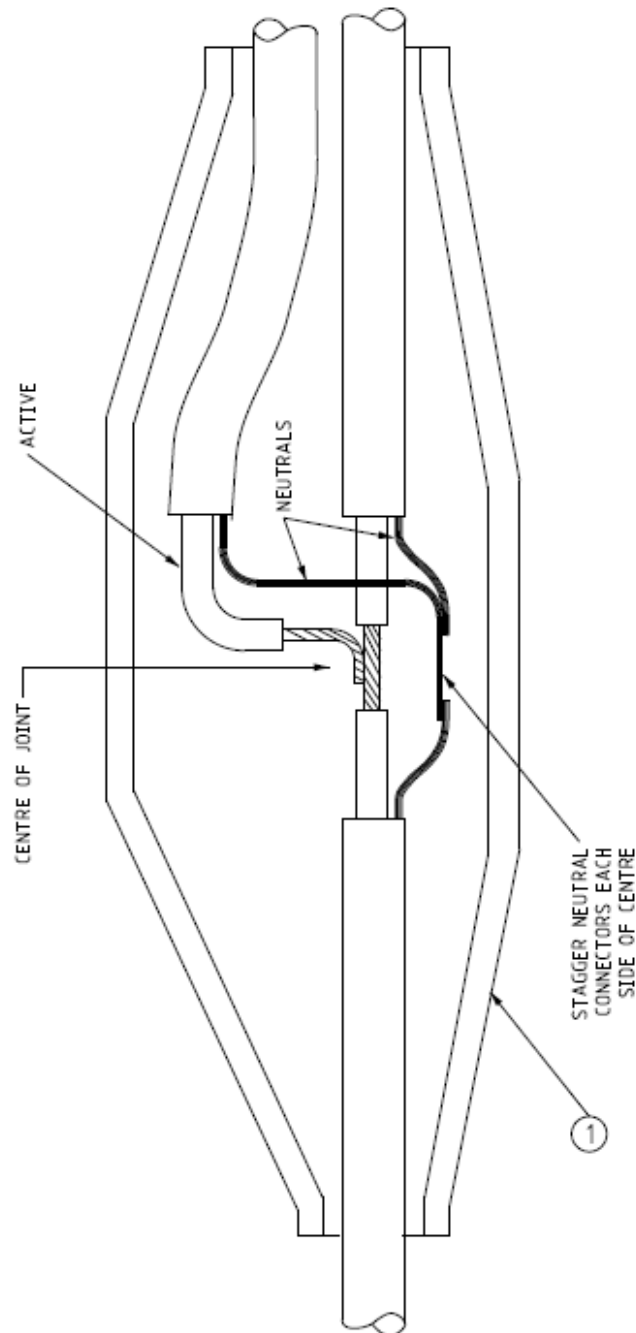
CU	CU DESCRIPTION
LU10_W/END	Mini pillar used for 120-240 Cable Working End


ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	FBH0059	Mini pillar	1	ea	
3	FE0034	Heat-shrink Glove, 4-finger	1	ea	
	FE0055	Heat-shrink Sleeving	2	m	
	UH0088	Instruction tag	1	ea	



CU	CU DESCRIPTION
LU11	Universal pillar

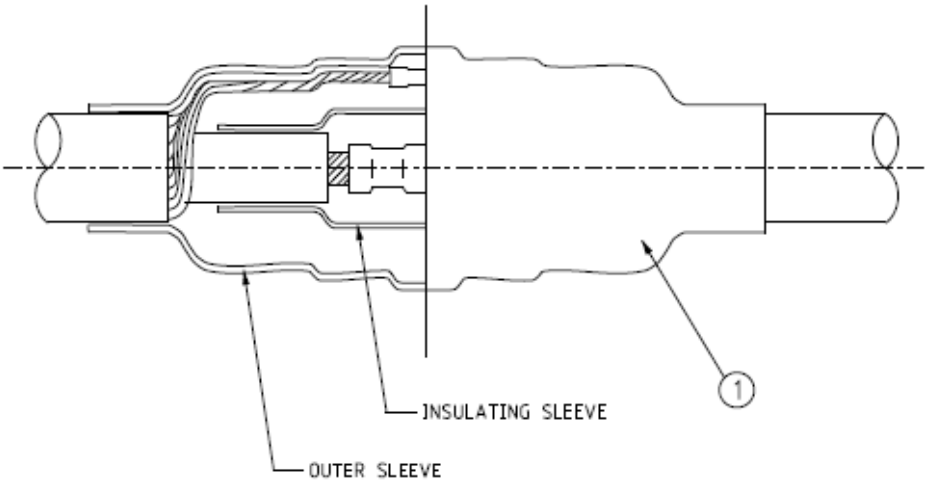
ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	FBH0855	Universal pillar	1	ea	
2	CE0135	Rod section 1.4m long 15mm diam. ALM CTE	1	ea	
3	CE0058	Clamp, double saddle type 13-15mm for earth rod	1	ea	



 DISTRIBUTION DESIGN CATALOGUE	COMPATIBLE UNIT		REVISION	DATE
	TEE JOINT 10/10, 10/16 & 16/16		3	06/09/2024
			DRAWING No. LU12	

CU	CU DESCRIPTION
LU12	Tee joint 10/10-10/16-16/16

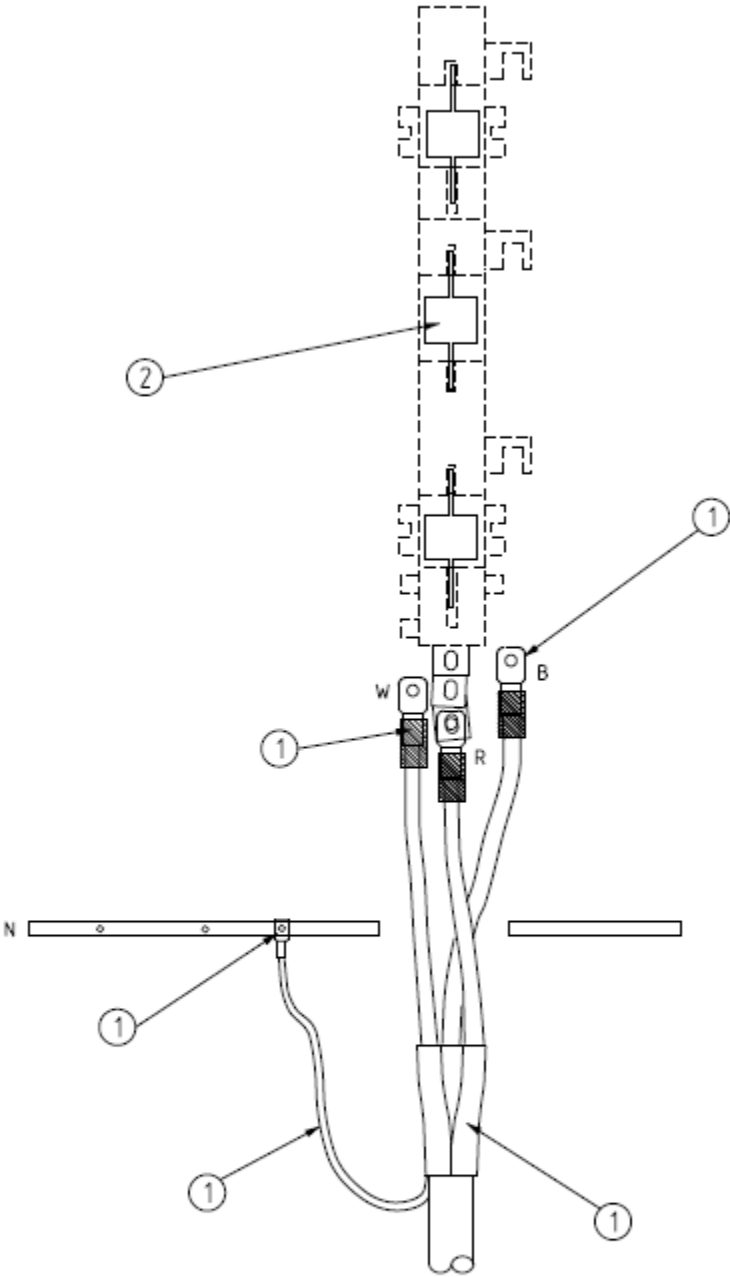
ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	FJ0056	Joint Box – Tee for 10-16sqmm 1ph cable	1	ea	Guroflex Resin included in Kit




HORIZON POWER DISTRIBUTION DESIGN CATALOGUE	COMPATIBLE UNIT	REVISION 3	DATE 09/09/2024
	STRAIGHT JOINT 10/10, 10/16 & 16/16	DRAWING No. LU13	

CU	CU DESCRIPTION
LU13	Straight joint 10/10-10/16-16/16

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	FJ0237	Joint Box – Straight for 10-16sqmm 1ph cable	1	ea	



 DISTRIBUTION DESIGN CATALOGUE	COMPATIBLE UNIT	REVISION 3	DATE 09/09/2024
	CABLE TO FUSE SWITCH	DRAWING No. LU14	

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CU	CU DESCRIPTION
LU14_16/160A	Cable to fuse switch – 16 (Single phase) /160A Base

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	FB0256	Lug M12 x 16sqmm	2	ea	
	FE0032	Heat-shrink Glove, 2-finger	1	ea	
	FE0071	Heat-shrink Sleeving	1	m	
2	GF0502	Fuse 20A Type-NH00	1	ea	

CU	CU DESCRIPTION
LU14_25/160A	Cable to fuse switch – 25/160A Base

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	FL1442	Lug M8 x 25sqmm	4	ea	
	FE0109	Cable Termination Kit for 25sqmm	1	ea	
2	GF0504	Fuse 63A Type-NH00	3	ea	

CU	CU DESCRIPTION
LU14_25/630A	Cable to fuse switch – 25/630A Base

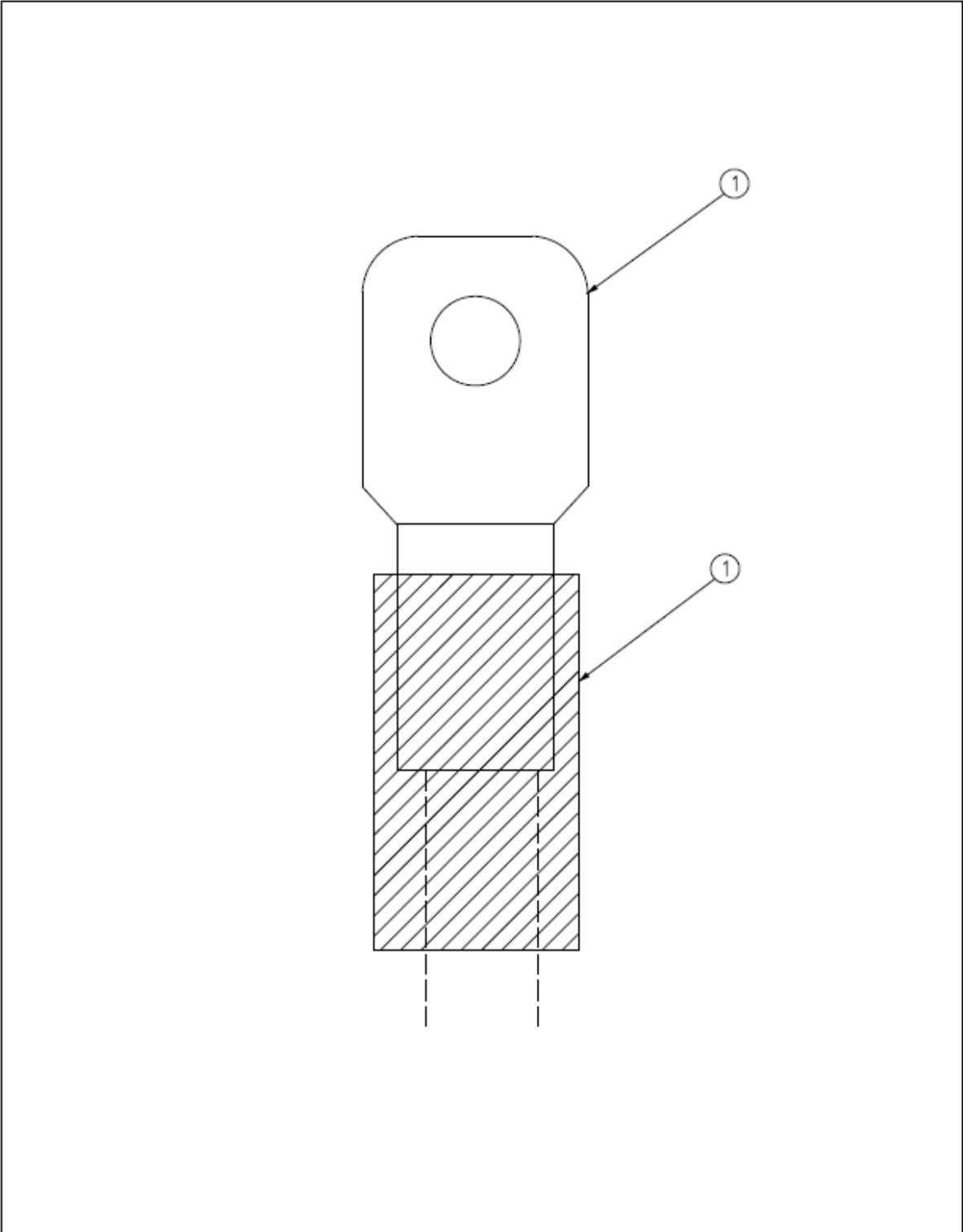
ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	FL1449	Lug M12 x 25sqmm	4	ea	
	FE0109	Cable Termination Kit for 25sqmm	1	ea	
2	GF2130	Fuse 100A Type-NH2	3	ea	

CU	CU DESCRIPTION
LU14_120	Cable to fuse switch - 120

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	FJ0615	Cable Termination Kit with M12 lugs for 120sqmm to 240sqmm	1	ea	
2	GF1096	Fuse 200A Type-NH2	3	ea	

CU	CU DESCRIPTION
LU14_240	Cable to fuse switch – 185/240

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	FJ0615	Cable Termination Kit with M12 lugs for 120-240sqmm	1	set	
2	GF1101	Fuse 315A Type-NH2	3	ea	



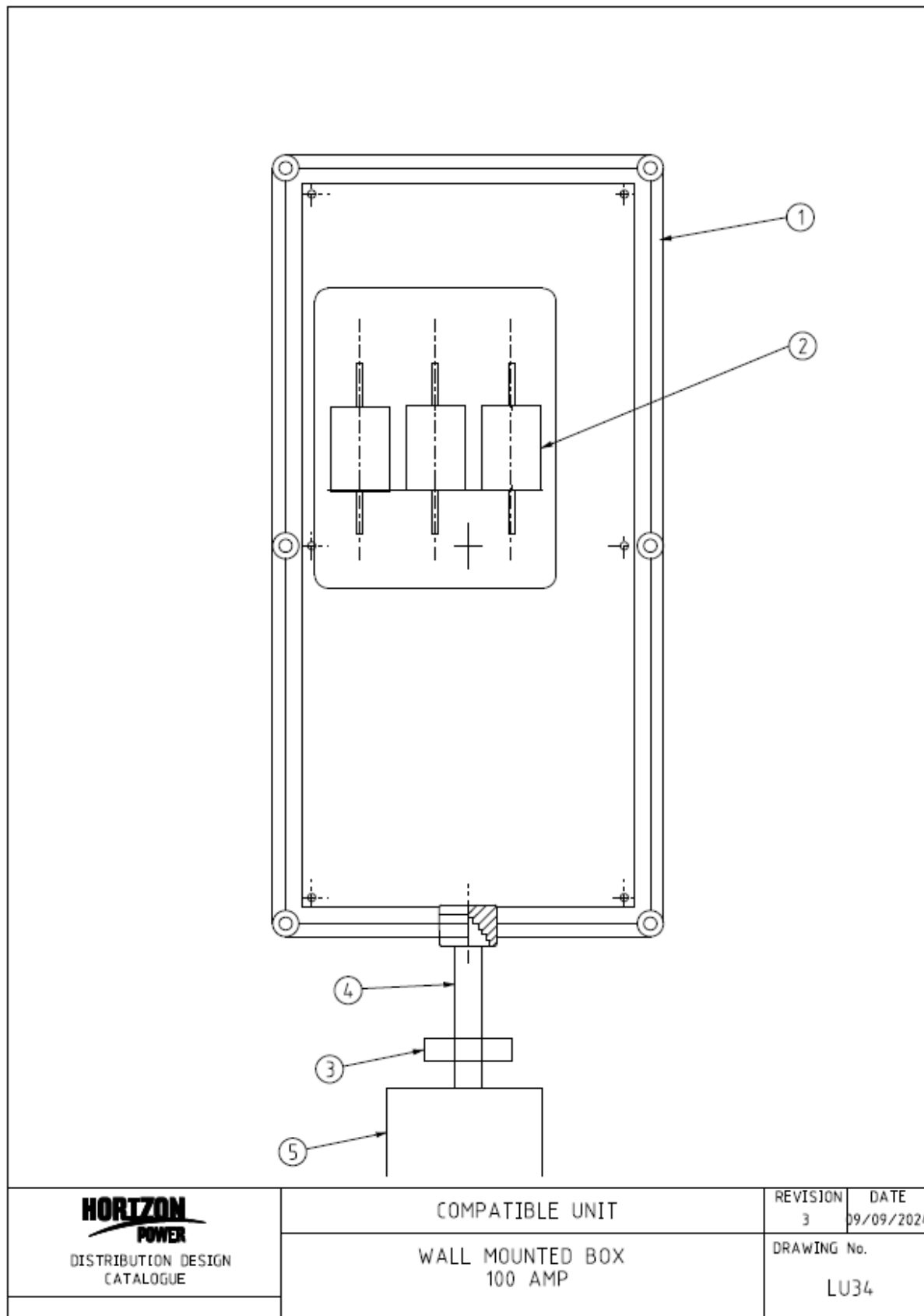
HORIZON POWER DISTRIBUTION DESIGN CATALOGUE	COMPATIBLE UNIT	REVISION 1	DATE 20/09/2024
	TRANSFORMER LV CABLE TERMINATION	DRAWING No. LU16	

CU	CU DESCRIPTION
LU16_400CU16	Transformer 400sqmm CU M16 Termination Kit

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	FL0161	Cable Termination Kit with 7 x M16 lugs for 400sqmm	1	kit	2 lugs per phase +1 for neutral

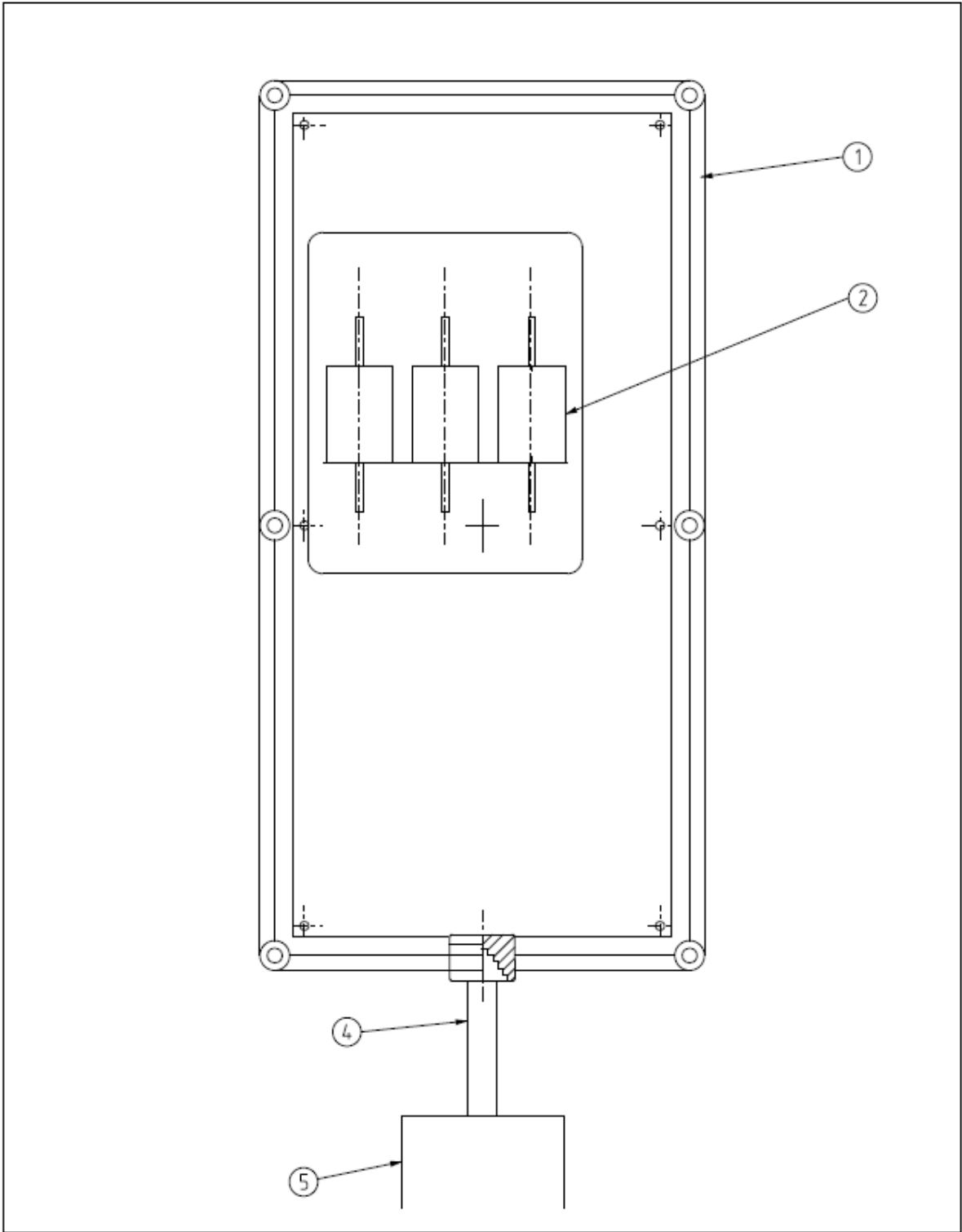
CU	CU DESCRIPTION
LU16_400CU12	PENDA 400sqmm CU M12 Termination Kit


ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	FL0160	Cable Termination Kit with 7 x M12 lugs for 400sqmm	1	kit	2 lugs per phase +1 for neutral



CU	CU DESCRIPTION
LU34	Wall mounted box – 100amp

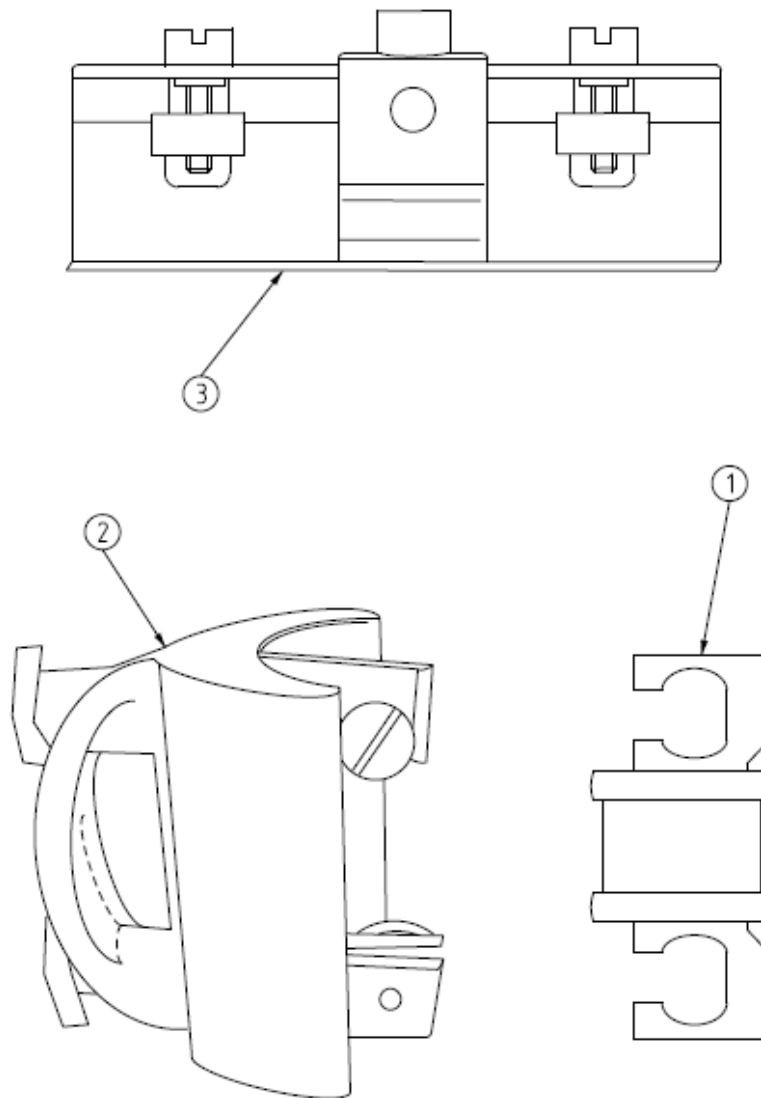
ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	FB0096	Distribution Box (Rated 100A)	1	ea	
2	GF0505	Fuse 100A Type-NH00	3	ea	
3	GC7195	Conduit Saddle 50mm	3	ea	
4	GC0010	Conduit grey PVC, 50mm x 4m long	1	lg	
5	HT6320	Cable Protector, galvanized steel channel	1	ea	



 DISTRIBUTION DESIGN CATALOGUE	COMPATIBLE UNIT	REVISION 3	DATE 10/09/2024
	WALL MOUNTED BOX 200 AMP	DRAWING No. LU35	

CU	CU DESCRIPTION
LU35	Wall mounted box – 200amp

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	FB0097	Distribution Box (Rated 200A)	1	ea	
2	GF0512	Fuse 200A Type-NH1	3	ea	
4	GC0028	Conduit orange PVC, 80mm x 4m long	1	lg	
5	HT6320	Cable Protector, galvanized steel channel	1	ea	



HORIZON POWER DISTRIBUTION DESIGN CATALOGUE	COMPATIBLE UNIT	REVISION 3	DATE 10/09/2024
	LV FUSES/LINK FOR UNIVERSAL PILLAR	DRAWING No. LU36	

CU	CU DESCRIPTION
LU36_63A	J-type fuse 63A and carrier for universal pillar

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	GF1183	Fuse 63A Type-JPU	3	ea	
2	GF0260	Fuse Carrier (Rated 400A)	3	ea	

CU	CU DESCRIPTION
LU36_100A	J-type fuse 100A and carrier for universal pillar

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	GF1185	Fuse 100A Type-JPU	3	ea	
2	GF0260	Fuse Carrier (Rated 400A)	3	ea	

CU	CU DESCRIPTION
LU36_160A	J-type fuse 160A and carrier for universal pillar

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	GF1187	Fuse 160A Type-JPU	3	ea	
2	GF0260	Fuse Carrier (Rated 400A)	3	ea	

CU	CU DESCRIPTION
LU36_200A	J-type fuse 200A and carrier for universal pillar

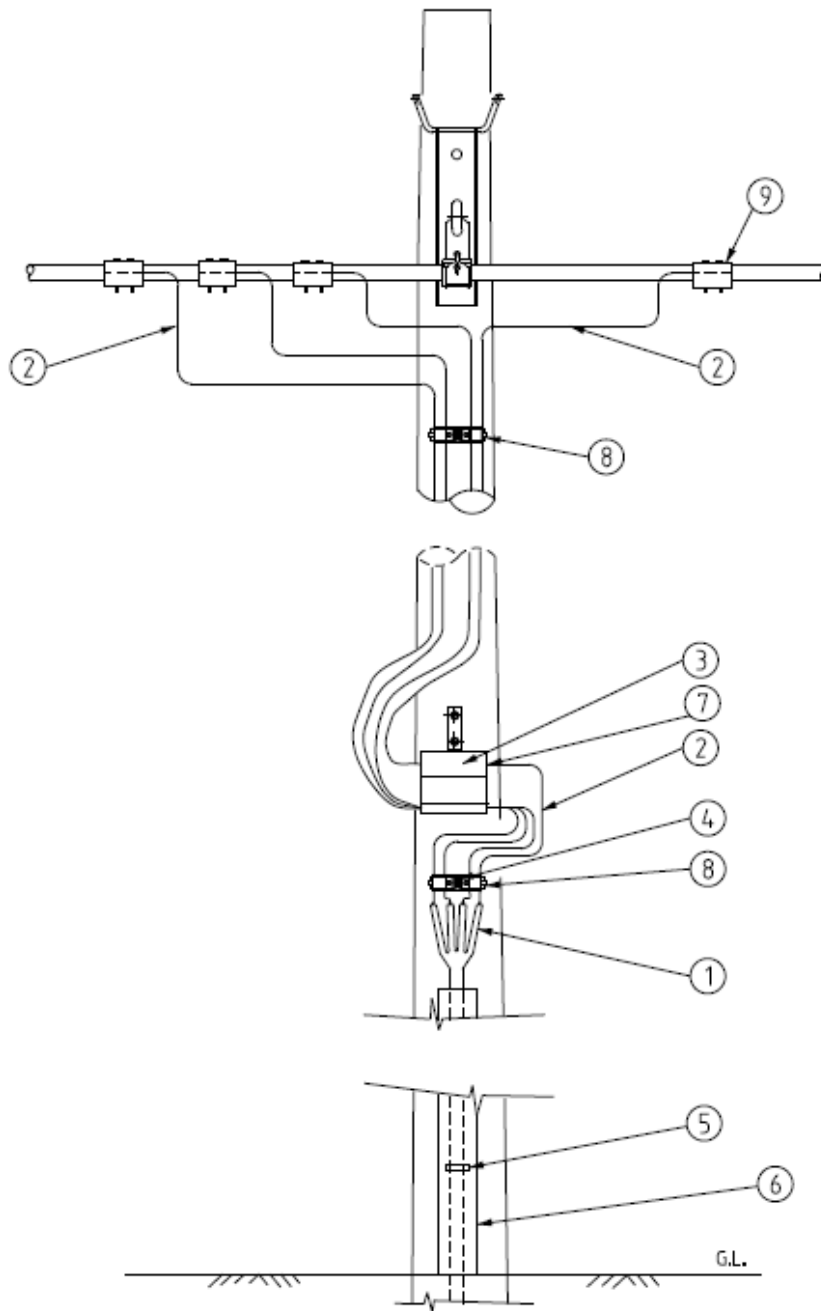
ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	GF1188	Fuse 200A Type-JPU	3	ea	
2	GF0260	Fuse Carrier (Rated 400A)	3	ea	

CU	CU DESCRIPTION
LU36_315A	J-type fuse 315A and carrier for universal pillar

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	GF1190	Fuse 315A Type-JPU	3	ea	
2	GF0260	Fuse Carrier (Rated 400A)	3	ea	

CU	CU DESCRIPTION
LU36_Link	Link 400 amp for universal pillar

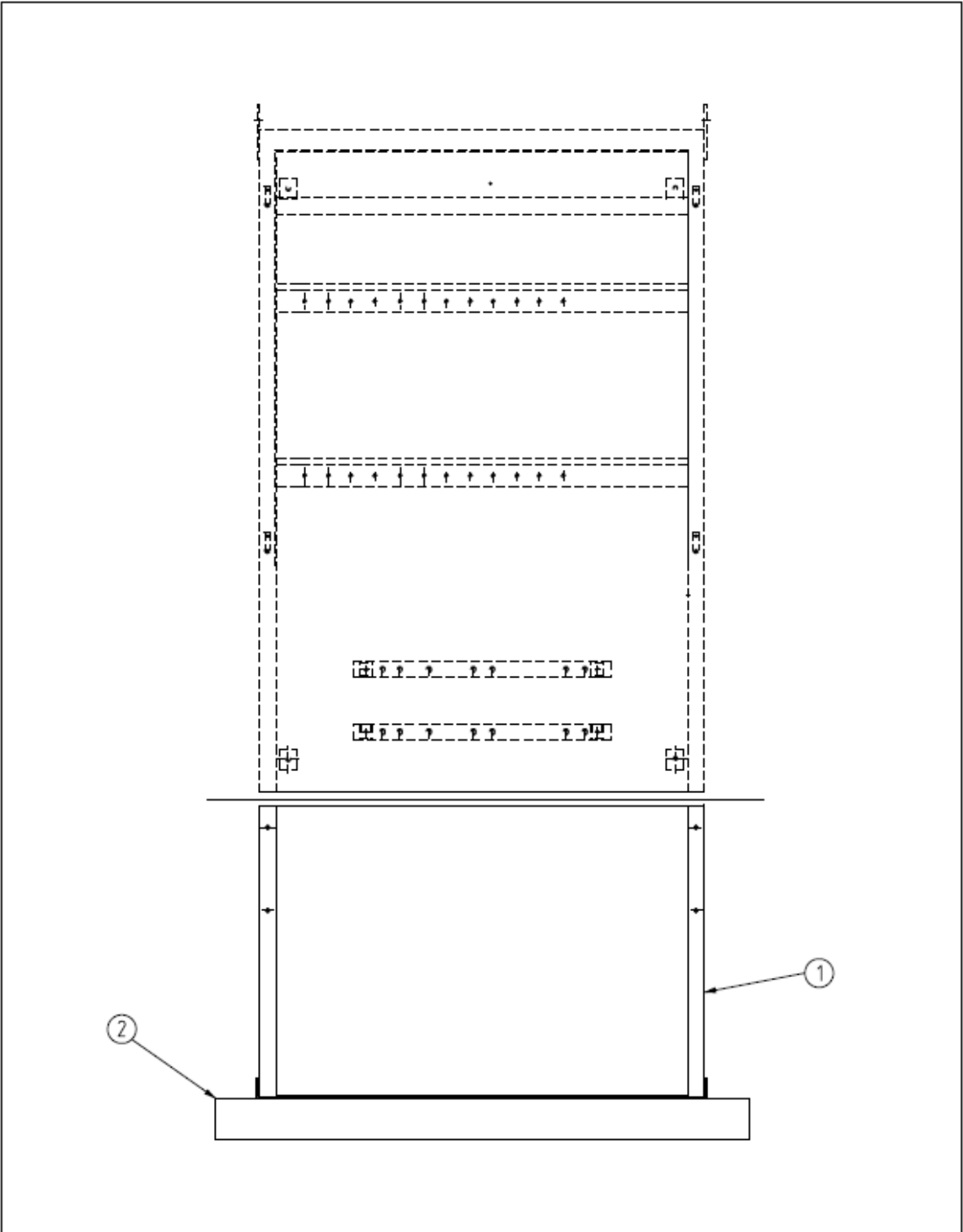
ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
3	GF1504	Bus Link (Rated 400A)	3	ea	




HORIZON POWER DISTRIBUTION DESIGN CATALOGUE	COMPATIBLE UNIT	REVISION 3	DATE 10/09/2024
	CABLE TO LVABC SWITCH	DRAWING No. LU37	

CU	CU DESCRIPTION
LU37_240	Cable to LV ABC Switch for 240sqmm cable

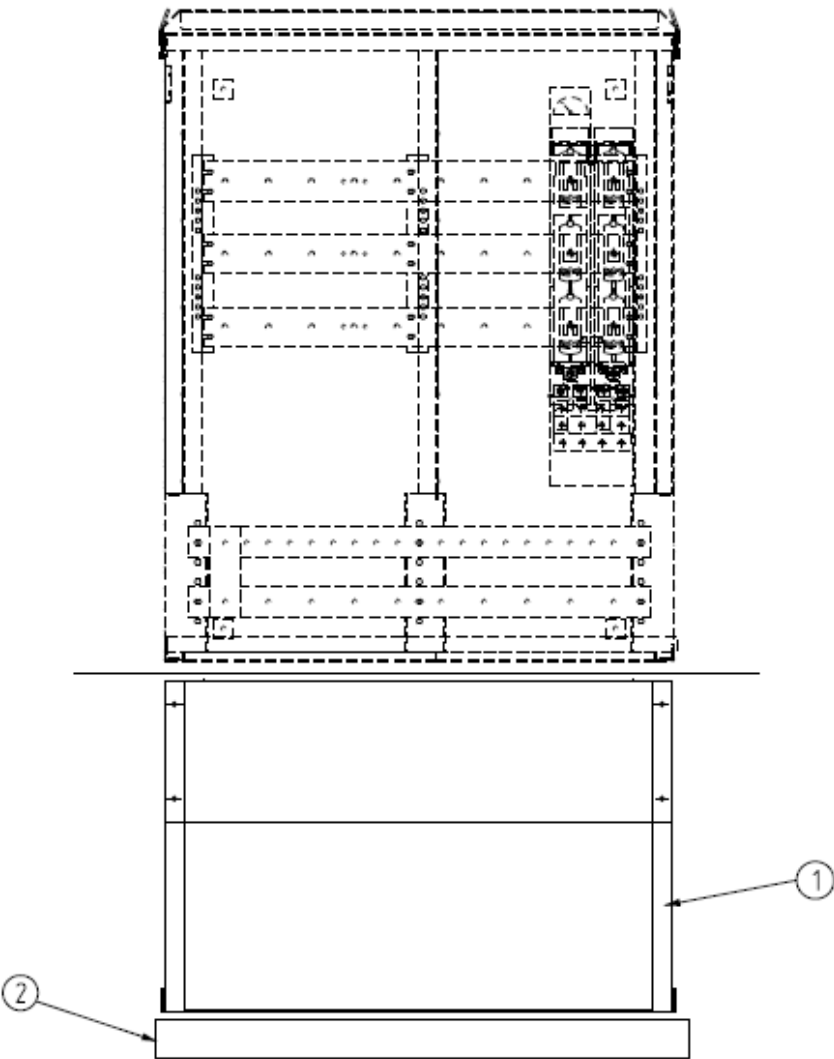
ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	FC0499	Splice 95-150 ABC to 120-240sqmm	1	ea	
2	FT0150	Lead 150 ABC 4m long	1	ea	
3	GS0111	Fuse Disconnecter (Rated 400A)	1	ea	
3	GF1101	Fuse 315A Type-NH2	3	ea	
4	AB6733	Pole Bolt – M16 x 400mm long with nut and washers	4	ea	
5	CB3120	Cable Saddle, galvanized to suit 240sqmm	3	ea	
6	HT6320	Cable Protector, galvanized steel channel	1	ea	
7	GS0109	Neutral Block	1	ea	
8	CC0110	Suspension Clamp – 150 ABC	4	ea	
8	AN2005	Nut – M16, galvanized steel	2	ea	
9		IPC – Select from CN65	4	ea	



 DISTRIBUTION DESIGN CATALOGUE	COMPATIBLE UNIT	REVISION 4	DATE 10/09/24
	BASE FOR LV KIOSK TYPE 1	DRAWING No. LU41	

CU	CU DESCRIPTION
LU41	Base for LV kiosk Type 1

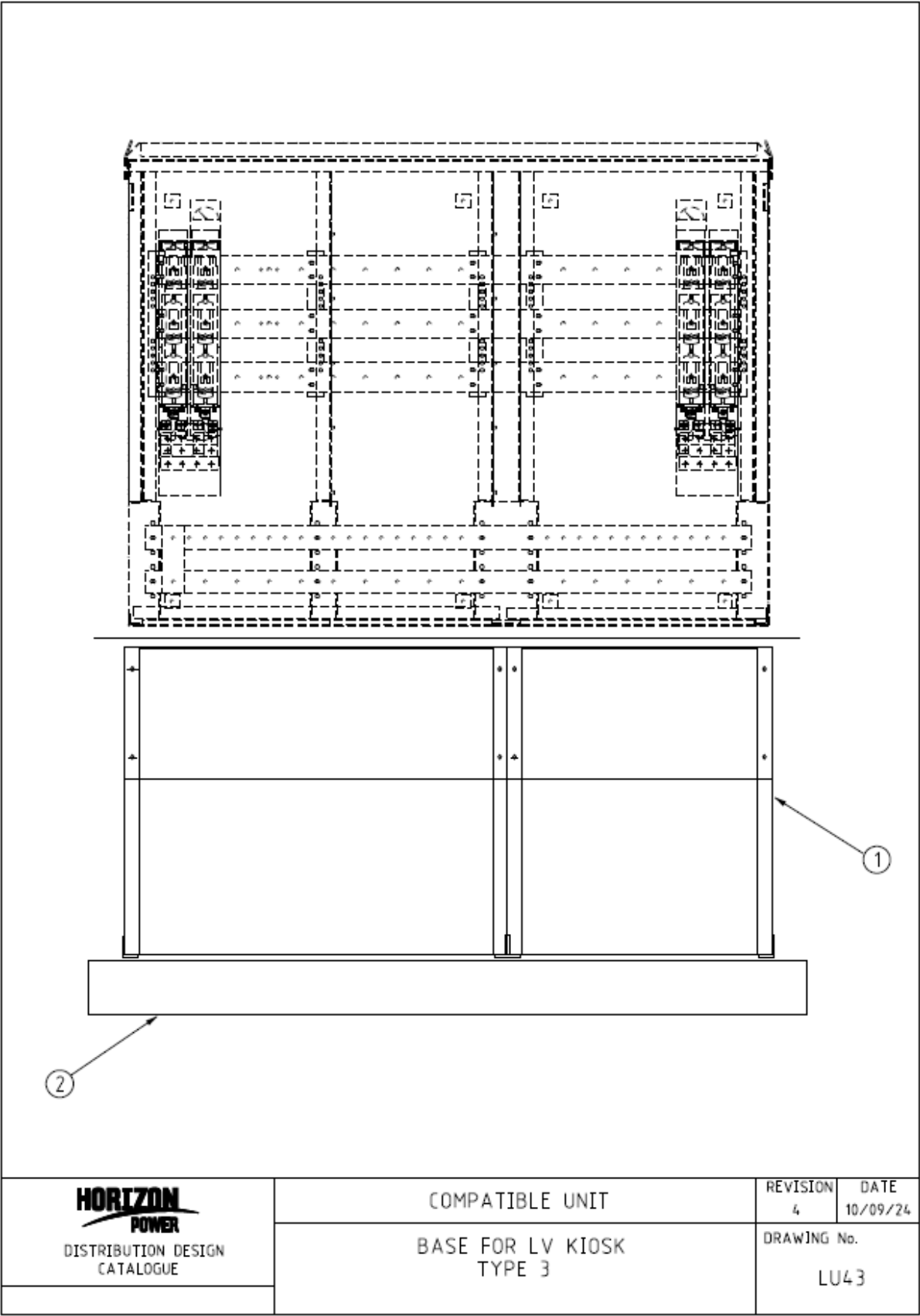
ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CBH0492	PENDA Type 1 Kiosk Stand galvanized steel	1	ea	
2	CAH1018	Concrete Base suitable for PENDA Type 1 and 2 Kiosk Stand Base	1	ea	



HORIZON POWER DISTRIBUTION DESIGN CATALOGUE	COMPATIBLE UNIT	REVISION 4	DATE 10/09/24
	BASE FOR LV KIOSK TYPE 2	DRAWING No. LU42	

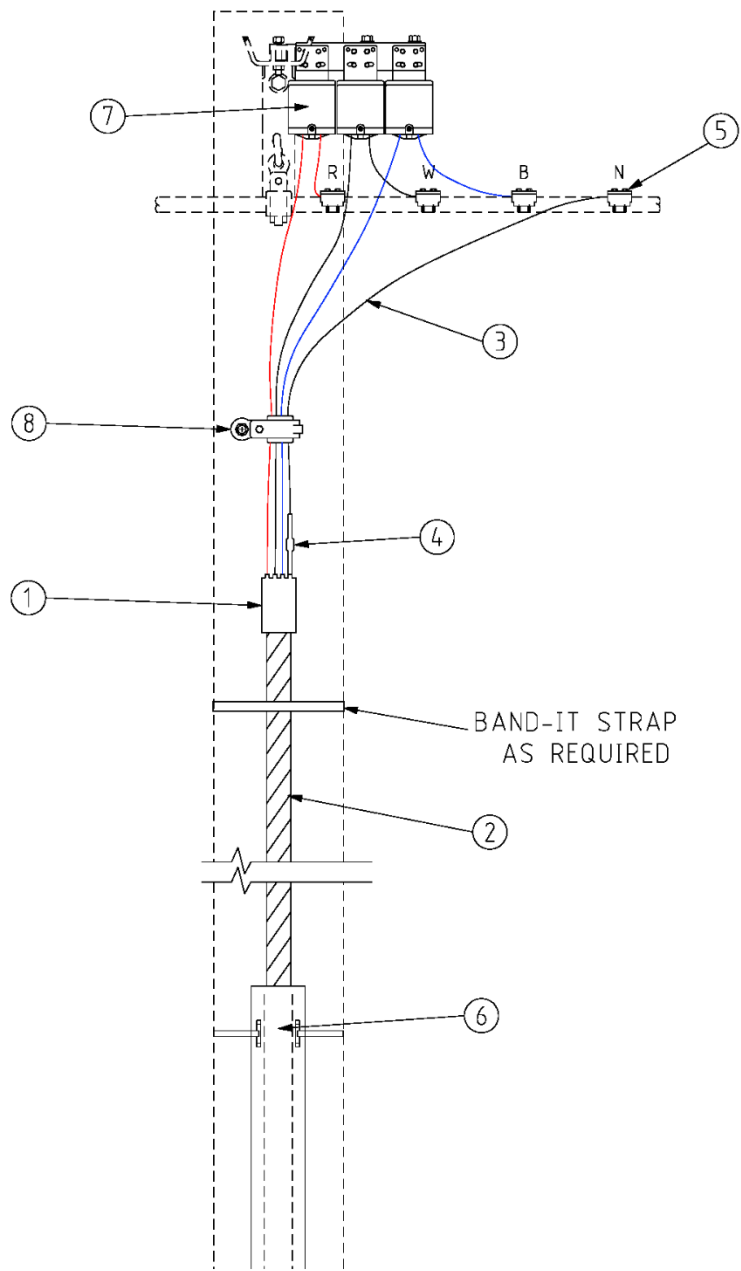
CU	CU DESCRIPTION
LU42	Base for LV Kiosk Type 2

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CBH0493	PENDA Type 2 Kiosk Stand galvanized steel	1	ea	
2	CAH1018	Concrete Base suitable for PENDA Type 1 and 2 Kiosk Stand Base	1	ea	



CU	CU DESCRIPTION
LU43	Base for LV Kiosk Type 3

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CBH0494	PENDA Type 3 Kiosk Stand galvanized steel	1	ea	
2	CAH1019	Concrete Base suitable for PENDA Type 3 Kiosk Stand Base	1	ea	



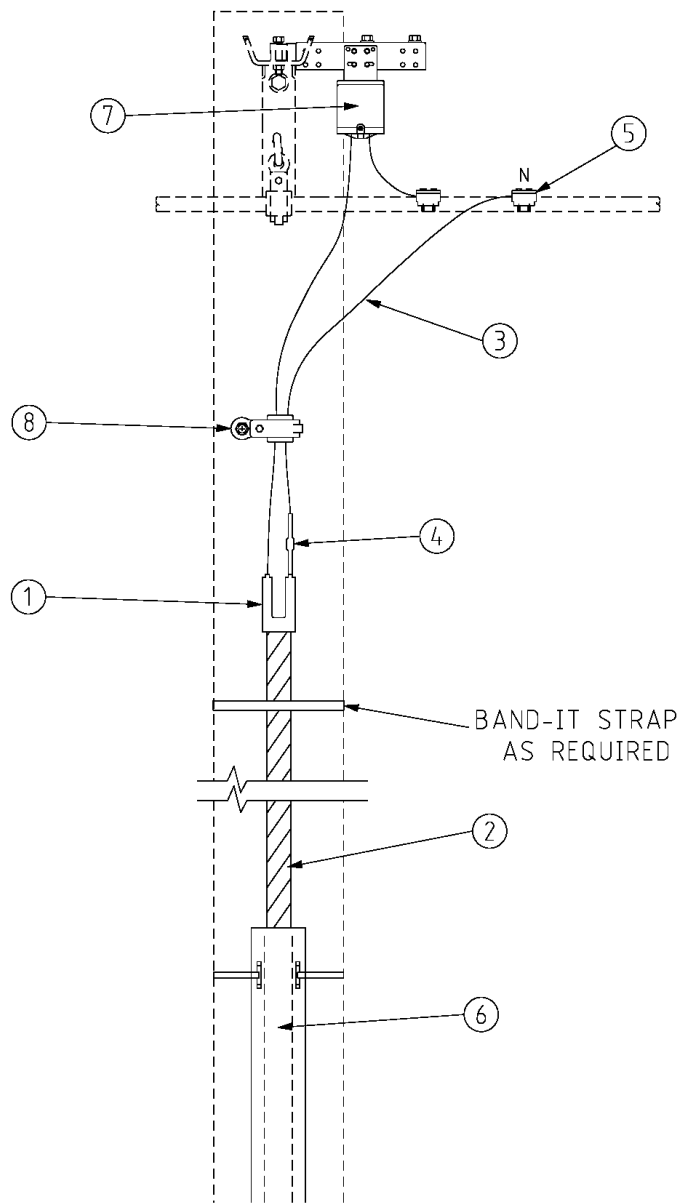
HORIZON POWER DISTRIBUTION DESIGN CATALOGUE ENGINEERING DIVISION	COMPATIBLE UNIT	REVISION 4	DATE 11/06/25
	CABLE TO LVABC 25SQMM XLPE	DRAWING No. LU50-1	

CU	CU DESCRIPTION
LU50_25_95	Cable to LVABC – 25 to 95

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	FE0031	Heat-shrink Glove, 4-finger	1	ea	
2	GC0010	Conduit grey PVC, 50mm x 4m long	2	ea	
3	FE0071	Heat-shrink Sleeving 15mm	5	m	
	EE1201	Black 25sqmm single core cable	6	m	Connect to IPC
4	FC0500	Single Phase Splice	1	ea	Neutral cable to IPC
5	CC0088	IPC 95 ABC Main to 2 x 6-35 service	4	ea	Max 2 cables
6	HT6320	Cable Protector, galvanized steel channel	1	ea	
7	GF1801	Fuse Holder (Rated 100A)	3	ea	
	GF1947	Fuse 100A Type-2258F/ME	3	ea	
	CB3019	Bracket – T-ABC Flowline, galvanized steel	1	ea	
	CB3054	Bracket – Flowline multiple mounting, galvanized steel	1	ea	
8	CC0101	Suspension Clamp, 95 ABC	1	ea	
	AB6733	Pole Bolt – M16 x 400mm long with nut and washers	1	ea	

CU	CU DESCRIPTION
LU50_25_150	Cable to LVABC – 25 to 150

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	FE0031	Heat-shrink Glove, 4-finger	1	ea	
2	GC0010	Conduit grey PVC, 50mm x 4m long	2	ea	
3	FE0071	Heat-shrink Sleeving 15mm	5	m	
	EE1201	Black 25sqmm single core cable	6	m	Connect to IPC
4	FC0500	Single Phase Splice	1	ea	Neutral cable to IPC
5	CC0079	IPC 150 ABC Main to 2 x 6-35 service	4	ea	Max 2 cables
6	HT6320	Cable Protector, galvanized steel channel	1	ea	
7	GF1801	Fuse Holder (Rated 100A)	3	ea	
	GF1947	Fuse 100A Type-2258F/ME	3	ea	
	CB3019	Bracket – T-ABC Flowline, galvanized steel	1	ea	
	CB3054	Bracket – Flowline multiple mounting, galvanized steel	1	ea	
8	CC0101	Suspension Clamp, 95 ABC	1	ea	
	AB6733	Pole Bolt – M16 x 400mm long with nut and washers	1	ea	



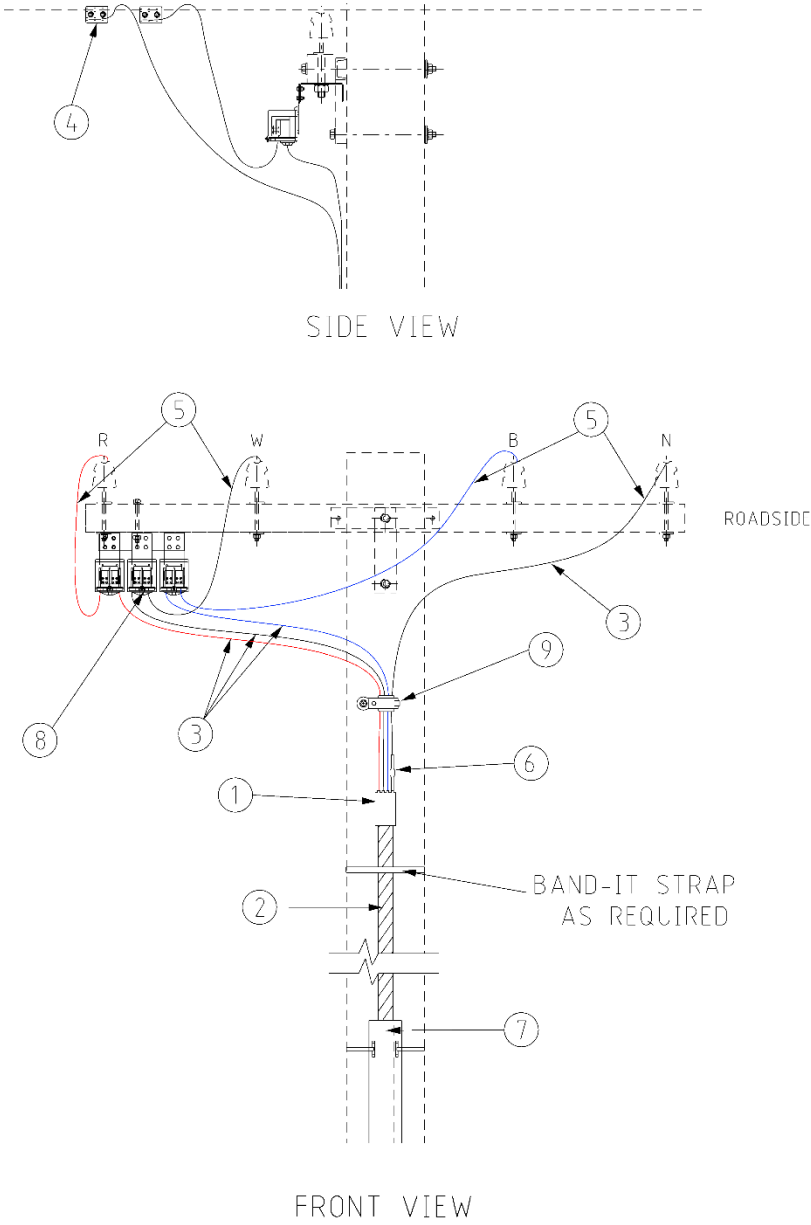
HORIZON POWER DISTRIBUTION DESIGN CATALOGUE ENGINEERING DIVISION	COMPATIBLE UNIT	REVISION 4	DATE 11/06/25
	CABLE TO LVABC 10/16SQMM XLPE	DRAWING No. LU50-2	

CU	CU DESCRIPTION
LU50_16_95	16sqmm Cable to 95 ABC

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	FE0032	Heat-shrink Glove, 2-finger	1	ea	
2	GC7842	Conduit grey PVC, 25mm x 4m long	2	ea	
3	FE0071	Heat-shrink Sleeving 15mm	4	m	
	EE1126	Dropper Cable – 2 Core 16sqmm	4	m	Connect to IPC
4	FC0500	Single Phase Splice	1	ea	Neutral cable to IPC
5	CC0088	IPC 95 ABC Main to 2 x 35 service	2	ea	Max 2 cables
6	HT6320	Cable Protector, galvanized steel channel	1	ea	
7	GF1801	Fuse Holder (Rated 100A)	1	ea	
	GF1940	Fuse 30A Type-ME	1	ea	
	CB3019	Bracket – T-ABC Flowline, galvanized steel	1	ea	
	CB3054	Bracket – Flowline multiple mounting, galvanized steel	1	ea	
8	CC0101	Suspension clamp, 95 ABC	1	ea	
	AB6733	Pole Bolt – M16 x 400mm long with nut and washers	1	ea	

CU	CU DESCRIPTION
LU50_16_150	16sqmm Cable to 150 ABC

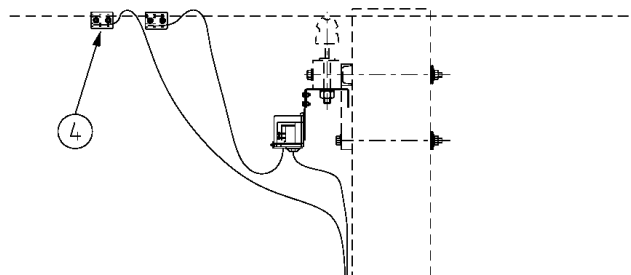
ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	FE0032	Heat-shrink Glove, 2-finger	1	ea	
2	GC7842	Conduit grey, PVC 25mm x 4m long	2	ea	
3	FE0071	Heat-shrink Sleeving 15mm	4	m	
	EE1126	Dropper Cable – 2 Core 16sqmm	4	m	Connect to IPC
4	FC0500	Single Phase Splice	1	ea	Neutral cable to IPC
5	CC0079	IPC 150 ABC Main to 2 x 35 service	2	ea	Max 2 cables
6	HT6320	Cable Protector, galvanized steel channel	1	ea	
7	GF1801	Fuse Holder (Rated 100A)	1	ea	
	GF1940	Fuse 30A Type-ME	1	ea	
	CB3019	Bracket – T-ABC Flowline, galvanized steel	1	ea	
	CB3054	Bracket – Flowline multiple mounting, galvanized steel	1	ea	
8	CC0101	Suspension Clamp, 95 ABC	1	ea	
	AB6733	Pole Bolt – M16 x 400mm long with nut and washers	1	ea	



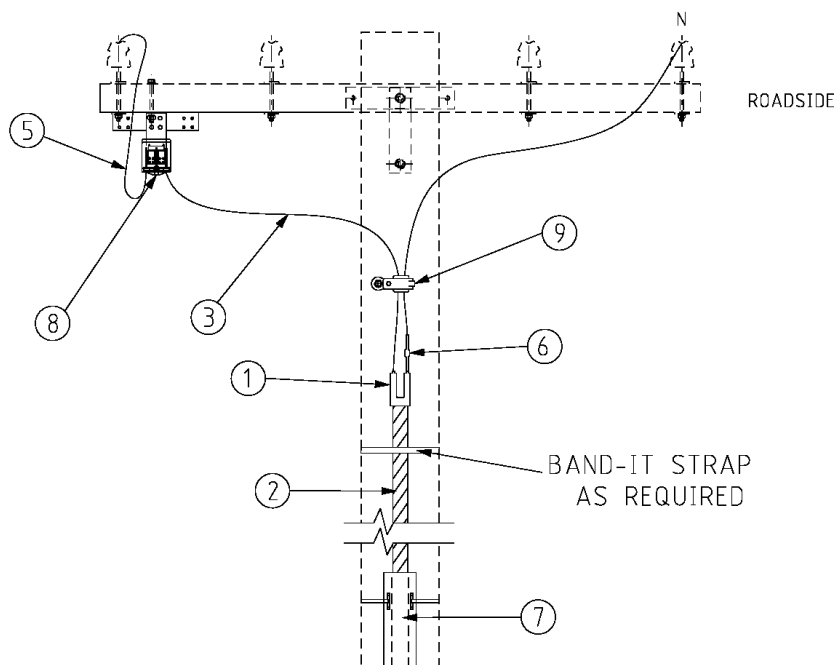
HORIZON POWER DISTRIBUTION DESIGN CATALOGUE ENGINEERING DIVISION	COMPATIBLE UNIT	REVISION 4	DATE 09/06/25
	CABLE TO LV BARE 25SQMM XLPE	DRAWING No. LU51-1	

CU	CU DESCRIPTION
LU51_25	25sqmm CU cable to LV Bare Conductor

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	FE0031	Heat-shrink Glove, 4-finger	1	ea	
2	GC0010	Conduit grey PVC, 50mm x 4m long	2	ea	
3	FE0071	Heat-shrink Sleeving 15mm	12	m	
4		PG Clamps – Select from CN9	4	ea	
5	EE1201	Black 25sqmm single core cable	8	mt	
6	FC0500	Single core insulated splice	1	ea	
7	HT6320	Cable Protector, galvanized steel channel	1	ea	
8	GF1801	Fuse Holder (Rated 100A)	3	ea	
	GF1947	Fuse 100A Type-2258F/ME	3	ea	
	CB3054	Bracket – Flowline multiple mounting, galvanized steel	1	ea	
	AB4567	Bolt – M12 x 150mm long with nut	1	ea	
	AW3523	Washer – M12 galvanized steel	1	ea	
9	CC0101	Suspension Clamp – 95sqmm	1	ea	
	AB6733	Pole Bolt – M16 x 400mm long with nut and washers	1	ea	



SIDE VIEW

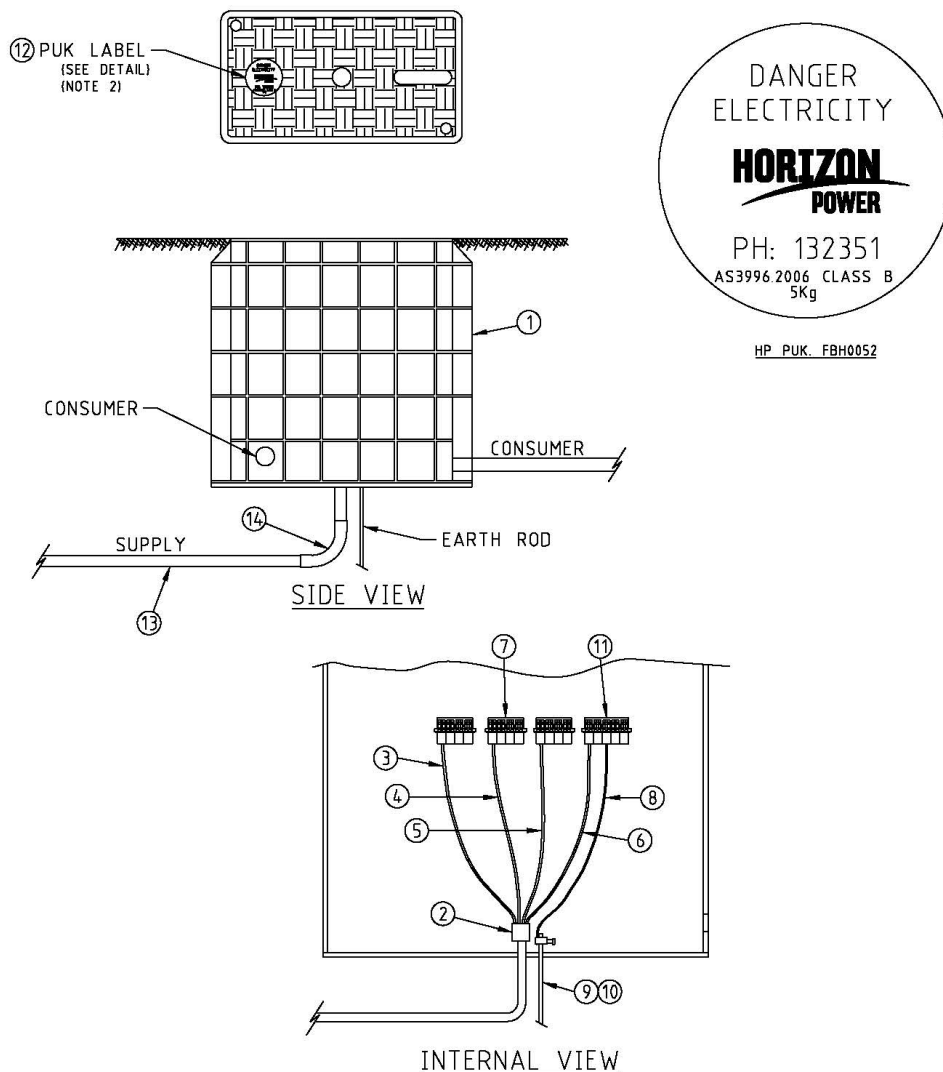


FRONT VIEW

HORIZON POWER DISTRIBUTION DESIGN CATALOGUE ENGINEERING DIVISION	COMPATIBLE UNIT	REVISION 4	DATE 09/06/25
	CABLE TO LV BARE 10/16SQMM XLPE	DRAWING No. LU51-2	


CU	CU DESCRIPTION
LU51_16	16sqmm CU cable to LV bare conductor

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	FE0032	Heat-shrink Glove 2-finger	1	ea	
2	GC7842	Conduit grey, PVC 25mm x 4m long	2	ea	
3	FE0071	Heat-shrink Sleeving 15mm	4	m	
4		PG Clamps – Select from CN9	2	ea	
5	EE1126	Dropper Cable – 2 Core 16sqmm	4	m	
6	FC0500	Single core insulated splice	1	ea	
7	HT6320	Cable Protector, galvanized steel channel	1	ea	
8	GF1801	Fuse Holder (Rated 100A)	1	ea	
	GF1926	Fuse 63A Type-XK63	1	ea	
	CB3054	Bracket – Flowline multiple mounting, galvanized steel	1	ea	
	AB4567	Bolt – M12 x 150mm long with nut	1	ea	
	AW3523	Washer – M12 galvanized steel	1	ea	
9	CC0101	Suspension Clamp, 95sqmm	1	ea	
	AB6733	Pole Bolt – M16 x 400mm long with nut and washers	1	ea	



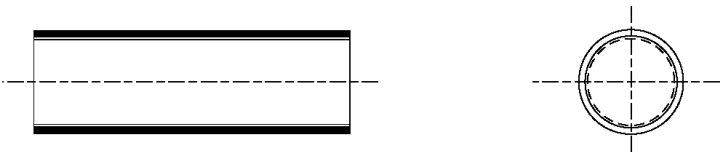
NOTES:

1. PILLARS ARE THE PRIMARY AND PREFERRED METHOD OF SERVICE CONNECTIONS.
USE OF PITS ARE ONLY PERMITTED IN THE FOLLOWING CASES:
A. PILLARS CANNOT BE INSTALLED DUE TO ADVERSE SITE CONSTRAINTS AND ENVIRONMENTAL FACTORS.
B. AN EXISTING PILLAR LOCATION IS AT HIGH RISK OF REPEATED DAMAGE.
2. REPLACE VENDOR SUPPLIED PUK (LABEL DISC) WITH HORIZON POWER PUK STOCK CODE FBH0052.
3. 25mm² SERVICE CABLE (SUPPLY) FOR GELPORT CONNECTORS.

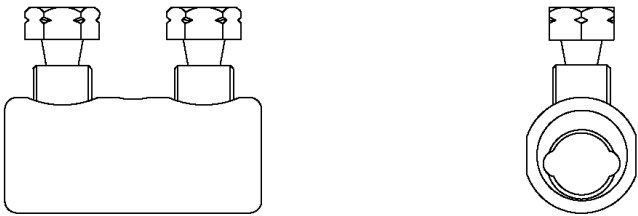
 DISTRIBUTION DESIGN CATALOGUE	COMPATIBLE UNIT	REVISION 4	DATE 20/10/2021
	LV SERVICE CABLE PIT 3 PHASE SUPPLY	DRAWING No. LU52	

CU	CU DESCRIPTION
LU52	Below Ground Service Pit

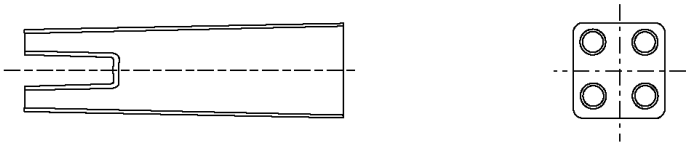
ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	FB0051	Service Pit	1	ea	2 x 3ph 3 services + 1ph UMS
2	FE0109	Heat-shrink Glove, 4-finger and Sleeving	1	ea	
3	FE0102	Heat-shrink Sleeving – Red	1	ea	
4	FE0103	Heat-shrink Sleeving – White	1	ea	
5	FE0104	Heat-shrink Sleeving – Blue	1	ea	
6	FE0071	Heat-shrink Sleeving – Black	1	ea	
7	CC0846	Gel Port, 4-port	3	ea	
8	EE1205	Earth Cable, 25sqmm	2	m	
9	CE0058	Earth Clamp, double saddle	1	ea	
10	CE0135	Earth Rod	1	ea	
11	CC0851	Gel Port, 5-port	1	ea	
12	FBH0052	PUK	1	ea	
13	GC0024	Conduit HD orange, 40mm x 4m long	1	ea	
14	GC0479	Conduit Bend orange, 40mm x 90 deg.	1	ea	



SEALING SLEEVES (X4)




MECHANICAL CONNECTOR (X4)



BREAKOUT (X1)

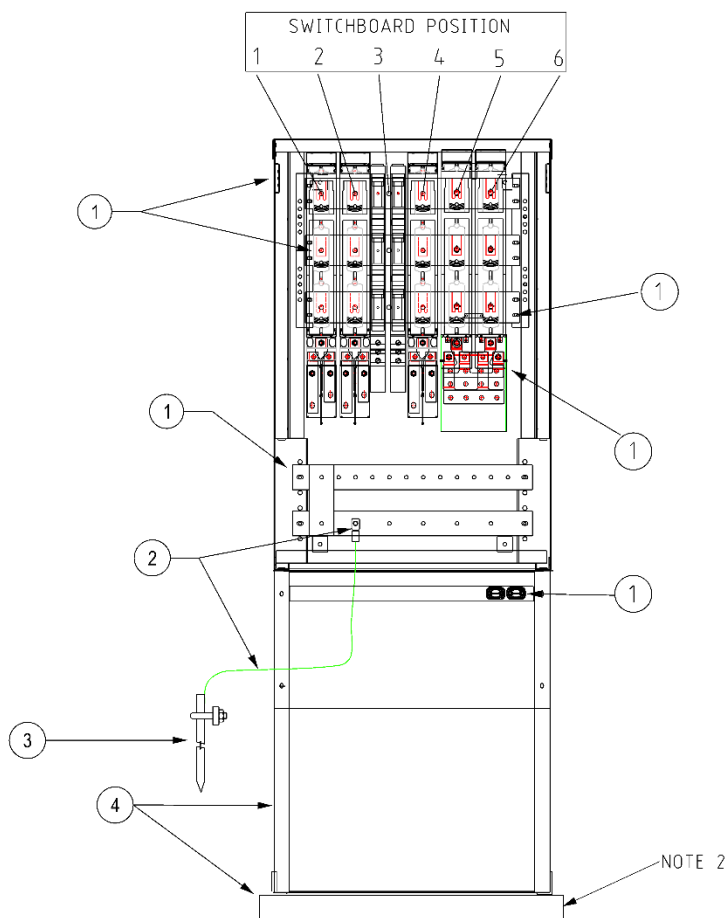
LOW VOLTAGE CABLE JOINT KIT

NOTE:
INCLUDING INSTALLATION INSTRUCTION AND CHECKLIST

 DISTRIBUTION DESIGN CATALOGUE ENGINEERING DIVISION	COMPATIBLE UNIT	REVISION 2	DATE 19/06/25
	LOW VOLTAGE CABLE JOINT KIT 25SQMM & 16SQMM XLPE INSULATED CABLE	DRAWING No. LU53	

CU	CU DESCRIPTION
LU53	Low Voltage Cable Joint Extension Kit

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	FJH1625	Low Voltage Cable Joint Kit	1	Kit	
		Breakout (Black)	1		502K046/S
		Sealing Sleeves 250mm long (Black)	4		MWTM-25/8-250
		Mechanical Connector	4		BSLM-10/50
		Installation Instruction	1		ESD-8261-AU-5/20
		Check List	1		ESD-1573-AU
2	EE1201	Black 25sqmm single core cable	12	mr	Increase length as required
3	FE0071	Heat-shrink Sleeving 15mm	12	mr	



TYPE 1 PENDA LAYOUT (NOTE 5)

SWG	MAX FUSE	CU	1	2	3	4	5	6
TYPE 1 PENDA		LU63						
STAND & BASE		LU41						
160A FSD	6 X 63A NH00	LU70			L L			
630A FSD	3 X 400A NH2	LU69	C/S	C/S		C/S		
910A FSD	3 X 500A NH2	LU68						
1260A FSD	6 X 400A NH2	LU67					SUPPLY	
1000A SWDC	LINKS SUPPLIED	LU71						

NOTES:-

1. STANDARD PENDA TYPE 1 LV ASSEMBLY LAYOUT SHOWN. PLEASE SEE G4-05 FOR ALTERNATIVE ARRANGEMENTS
2. LU41 STAND AND BASE REQUIRED FOR OUTDOOR INSTALLATION
3. LU14 CABLE TERMINATION REQUIRED FOR OUTGOING CABLES
4. REFER TO G6-11/10 FOR EARTHING OF PENDA TYPE 1
5. DEFAULT ARRANGEMENT SHOWN. CONTACT STANDARDS & PLANT TEAM IF BESPOKE ARRANGEMENT IS REQUIRED

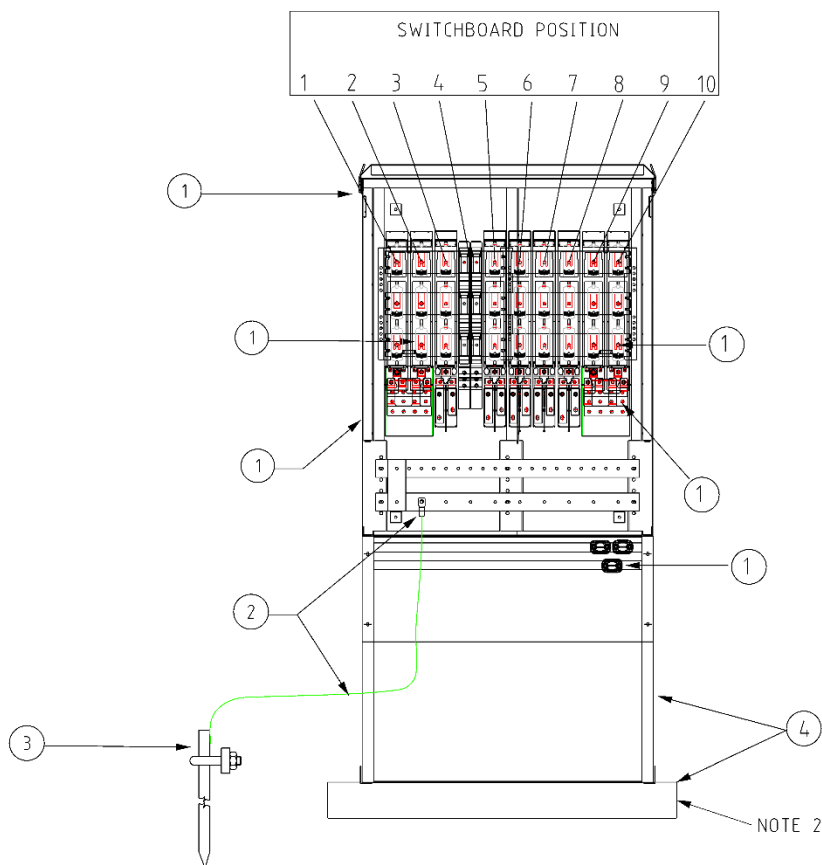
 DISTRIBUTION DESIGN CATALOGUE ENGINEERING DIVISION	COMPATIBLE UNIT	REVISION 5	DATE 28/05/25
	TYPE 1 - 630A PUBLIC ELECTRICITY NETWORK DISTRIBUTION ASSEMBLY (PENDA)	DRAWING No. LU63	

CU	CU DESCRIPTION
LU63	Type 1 PENDA Kiosk - Indoor

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	XAH0292	Type 1 PENDA Kiosk + LV Switchgear Assembly: PENDA Kiosk (630A Busbar, standoff insulators, earthing studs, 1 x 1260A incomer FSW, 3 x 630A FSW + 2 x 160A SL SFW)	1	ea	
	FM0200	Cable Clamps – 26-38sqmm single	2	ea	Supply neutral
	FM0203	Cable Clamps – 26-38sqmm triple	3	kit	Supply phase
	FM0204	Cable Clamps – 38-50sqmm single	4	ea	Feeders - 240 wave
	OH0194	Padlock	1	ea	
2	FL0143	Earthing Lug – M12 x 70sqmm	4	ea	
	EE1264	Earthing Cable 70sqmm PVC	10	m	
	FM0208	Unistrut for cable clamps	1	ea	

CU	CU DESCRIPTION
LU63_O	Type 1 PENDA Kiosk - Outdoor

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	XAH0292	Type 1 PENDA Kiosk + LV Switchgear Assembly: PENDA Kiosk (630A Busbar, standoff insulators, earthing studs, 1 x 1260A incomer FSW, 3 x 630A FSW + 2 x 160A SL SFW)	1	ea	
	FM0200	Cable Clamps – 26-38sqmm single	2	ea	Supply neutral
	FM0203	Cable Clamps – 26-38sqmm triple	3	kit	Supply phase
	FM0204	Cable Clamps – 38-50sqmm single	4	ea	Feeders - 240 wave
	OH0194	Padlock	1	ea	
2	FL0143	Earthing Lug – M12 x 70sqmm	4	ea	
	EE1264	Earthing Cable 70sqmm PVC	5	m	
3	CE0135	Earth Rod	4	ea	NOT required if PENDA is included with HV equipment
	CE0058	Earth Clamp	2	ea	
	CE0078	Earth Coupling	2	ea	
	CE0116	Driving Point for earth rods	2	ea	
	CE0201	Earth Box	2	ea	
	EM0012	Conductor, 70sqmm bare copper	12	m	
4	CBH0492	PENDA Type 1 Kiosk Stand, galvanized steel	1	ea	
	CAH1018	Concrete Base	1	ea	




STANDARD PENDA TYPE 2 ARRANGEMENT (NOTE 4)

SWG	MAX FUSE	CU	1	2	3	4	5	6	7	8	9	10
TYPE 2 PENDA		LU64										
PENDA BASE		LU42										
160A FSD	6 X 63A DIN00	LU70				L L						
630 FSD	3 X 400A NH2	LU69			C/S		C/S	C/S	C/S	C/S		
910A FSD	3 X 500A NH2	LU68										
1260A FSD	6 X 400A NH2	LU67		C								
2000A SWD	LINKS SUPPLIED	LU66										T1

NOTES:-

1. STANDARD PENDA TYPE 2 LV ASSEMBLY LAYOUT SHOWN. PLEASE SEE G4-05 FOR ALTERNATIVE ARRANGEMENTS.
2. LU42 STAND AND BASE REQUIRED FOR OUTDOOR INSTALLATION.
3. LU14 TERMINATIONS REQUIRED FOR OUTGOING CABLES
4. DEFAULT ARRANGEMENT SHOWN. CONTACT STANDARDS & PLANT TEAM IF BESPOKE ARRANGEMENT IS REQUIRED

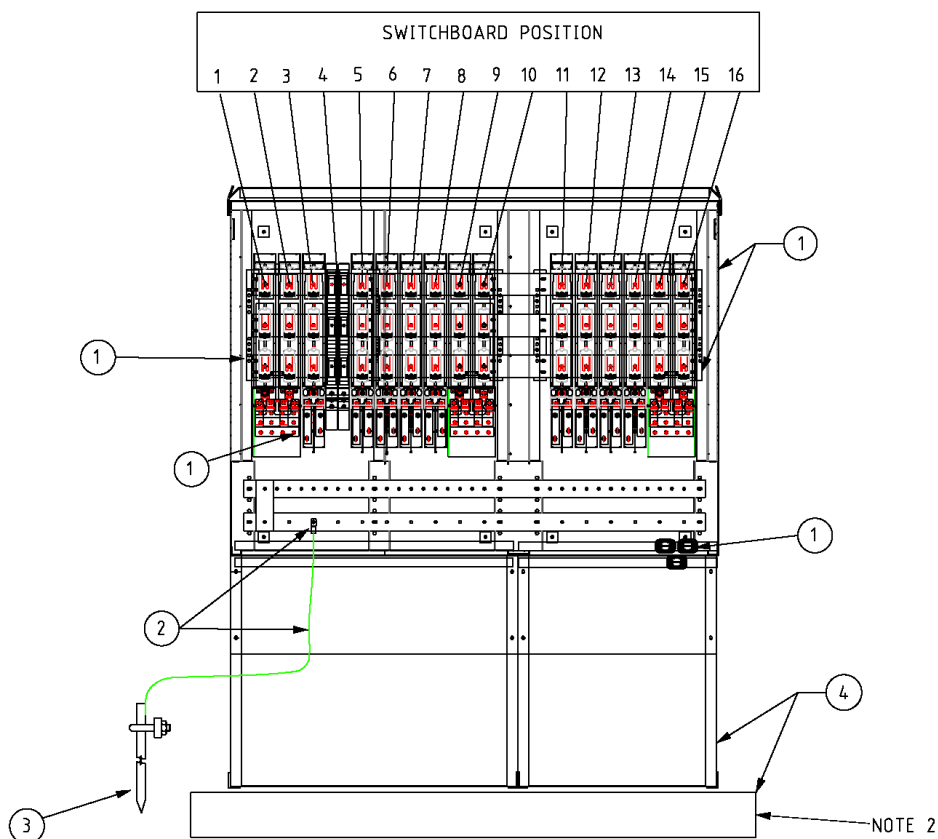
 DISTRIBUTION DESIGN CATALOGUE ENGINEERING DIVISION	COMPATIBLE UNIT	REVISION 3	DATE 28/05/25
	TYPE 2 - 1400A PUBLIC ELECTRICITY NETWORK DISTRIBUTION ASSEMBLY (PENDA)	DRAWING No. LU64	

CU	CU DESCRIPTION
LU64	Type 2 PENDA Kiosk – Indoor

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	XAH0293	Type 2 PENDA Kiosk + LV Switchgear Assembly: PENDA Kiosk (1400A Busbar, standoff insulators, earthing studs, 1 x 2000A TX incomer SWDC, 1 x 1260A Customer FSW, 5 x 630A FSW + 2 x 160A SL SFW)	1	ea	
	FM0200	Cable Clamps – 26-38sqmm single	2	ea	Supply neutral
	FM0203	Cable Clamps – 26-38sqmm triple	4	kit	Supply phase
	FM0204	Cable Clamps – 38-50sqmm single	5	ea	Feeders
	OH0194	Padlock	1	ea	
2	FL0143	Earthing Lug – M12 x 70sqmm	4	ea	
	EE1264	Earthing Cable 70sqmm PVC	10	m	
	FM0208	Unistrut for cable clamps	1	ea	

CU	CU DESCRIPTION
LU64_O	Type 2 PENDA Kiosk – Outdoor

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	XAH0293	Type 2 PENDA Kiosk + LV Switchgear Assembly: PENDA Kiosk (1400A Busbar, standoff insulators, earthing studs, 1 x 2000A TX incomer SWDC, 1 x 1260A Customer FSW, 5 x 630A FSW + 2 x 160A SL SFW)	1	ea	
	FM0200	Cable Clamps – 26-38sqmm single	2	ea	Supply neutral
	FM0203	Cable Clamps – 26-38sqmm triple	4	kit	Supply phase
	FM0204	Cable Clamps – 38-50sqmm single	8	ea	Feeders
	OH0194	Padlock	1	ea	
2	FL0143	Earthing Lug – M12 x 70sqmm	4	ea	
	EE1264	Earthing Cable 70sqmm PVC	5	m	
3	CE0135	Earth Rod	4	ea	NOT required if PENDA is included with HV equipment
	CE0058	Earth Clamp	2	ea	
	CE0078	Earth Coupling	2	ea	
	CE0116	Driving Point for earth rods	2	ea	
	CE0201	Earth Box	2	ea	
	EM0012	Conductor, 70sqmm bare copper	12	m	
4	CBH0493	PENDA Type 2 Kiosk Stand, galvanized steel	1	ea	
	CAH1018	Concrete Base	1	ea	



STANDARD PENDA TYPE 3 ARRANGEMENT (NOTE 4)

SWG	MAX FUSE	CU	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
TYPE 3 PENDA		LU65																
PENDA BASE		LU43																
160A FSD	6 X 63A NH00	LU70				L L												
630 FSD	3 X 400A NH2	LU69			C/S		C/S	C/S	C/S	C/S			C/S	C/S	C/S	C/S		
910A FSD	3 X 500A NH2	LU68																
1260A FSD	3 X 400A NH2	LU67										C						
2000A SWD	LINKS SUPPLIED	LU66	T2															T1

NOTES:-

1. STANDARD PENDA TYPE 3 LV ASSEMBLY LAYOUT SHOWN. PLEASE SEE G4-05 FOR ALTERNATIVE ARRANGEMENTS.
2. LU43 STAND AND BASE REQUIRED FOR OUTDOOR INSTALLATION.
3. LU14 TERMINATIONS REQUIRED FOR OUTGOING CABLES.
4. DEFAULT ARRANGEMENT SHOWN. CONTACT STANDARDS & PLANT TEAM IF BESPOKE ARRANGEMENT IS REQUIRED

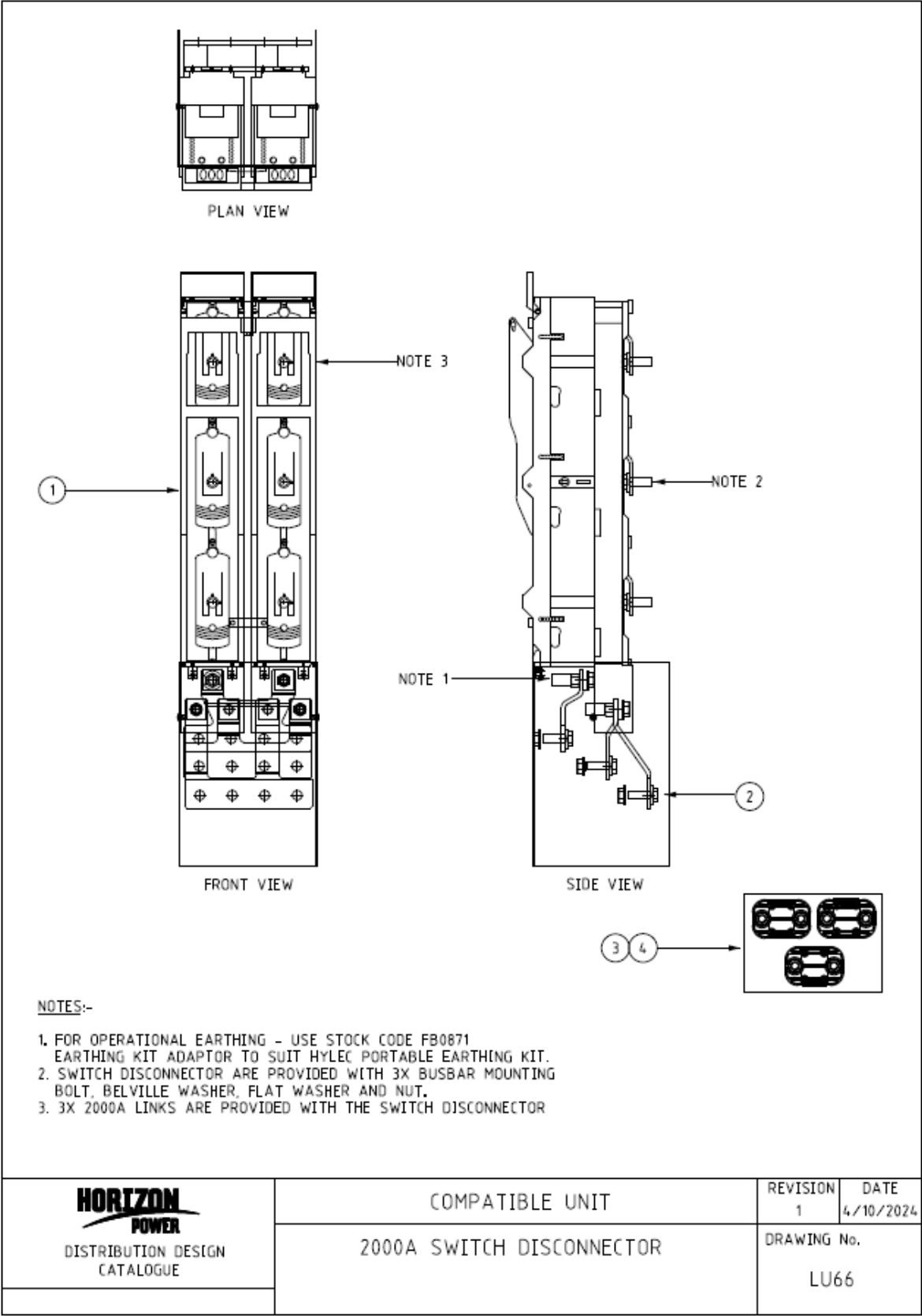
 DISTRIBUTION DESIGN CATALOGUE ENGINEERING DIVISION	COMPATIBLE UNIT	REVISION 3	DATE 09/06/25
	TYPE 3 - 2800A PUBLIC ELECTRICITY NETWORK DISTRIBUTION ASSEMBLY (PENDA)	DRAWING No. LU65	

CU	CU DESCRIPTION
LU65	Type 3 PENDA Kiosk – Indoor

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	XAH0294	Type 3 PENDA Kiosk + LV Switchgear Assembly: PENDA Kiosk (2800A Busbar, standoff insulators, earthing studs, 2 x 2000A TX incomer SWDC, 1 x 1260A Customer SWDC, 9 x 630A FSW + 2 x 160A SL SFW	1	ea	
	FM0200	Cable Clamps – 26-38sqmm single	2	ea	Supply neutral
	FM0203	Cable Clamps – 26-38sqmm triple	4	kit	Supply phase
	FM0204	Cable Clamps – 38-50sqmm single	10	ea	Feeders
	OH0194	Padlock	1	ea	
2	FL0143	Earthing Lug – M12 x 70sqmm	2	ea	
	EE1264	Earthing Cable 70sqmm PVC	10	m	
	FM0209	Unistrut for cable clamps	1	ea	

CU	CU DESCRIPTION
LU65_O	Type 3 PENDA Kiosk – Outdoor

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	XAH0294	Type 3 PENDA Kiosk + LV Switchgear Assembly: PENDA Kiosk (2800A Busbar, standoff insulators, earthing studs, 2 x 2000A TX incomer SWDC, 1 x 1260A Customer SWDC, 9 x 630A FSW, + 2 x 160A SL SFW	1	ea	
	FM0200	Cable Clamps – 26-38sqmm single	2	ea	Supply neutral
	FM0203	Cable Clamps – 26-38sqmm triple	4	kit	Supply phase
	FM0204	Cable Clamps – 38-50sqmm single	10	ea	Feeders
	OH0194	Padlock	1	ea	
2	FL0143	Earthing Lug – M12 x 70sqmm	4	ea	
	EE1264	Earthing Cable 70sqmm PVC	5	m	
3	CE0135	Earth rod	4	ea	NOT required if PENDA is included with HV equipment
	CE0058	Earth Clamp	2	ea	
	CE0078	Earth Coupling	2	ea	
	CE0116	Driving Point for earth rods	2	ea	
	CE0201	Earth Box	2	ea	
	EM0012	Conductor, 70sqmm bare copper	12	m	
4	CBH0494	PENDA Type 3 Kiosk Stand, galvanized steel	1	ea	
	CAH1019	Concrete Base	1	ea	

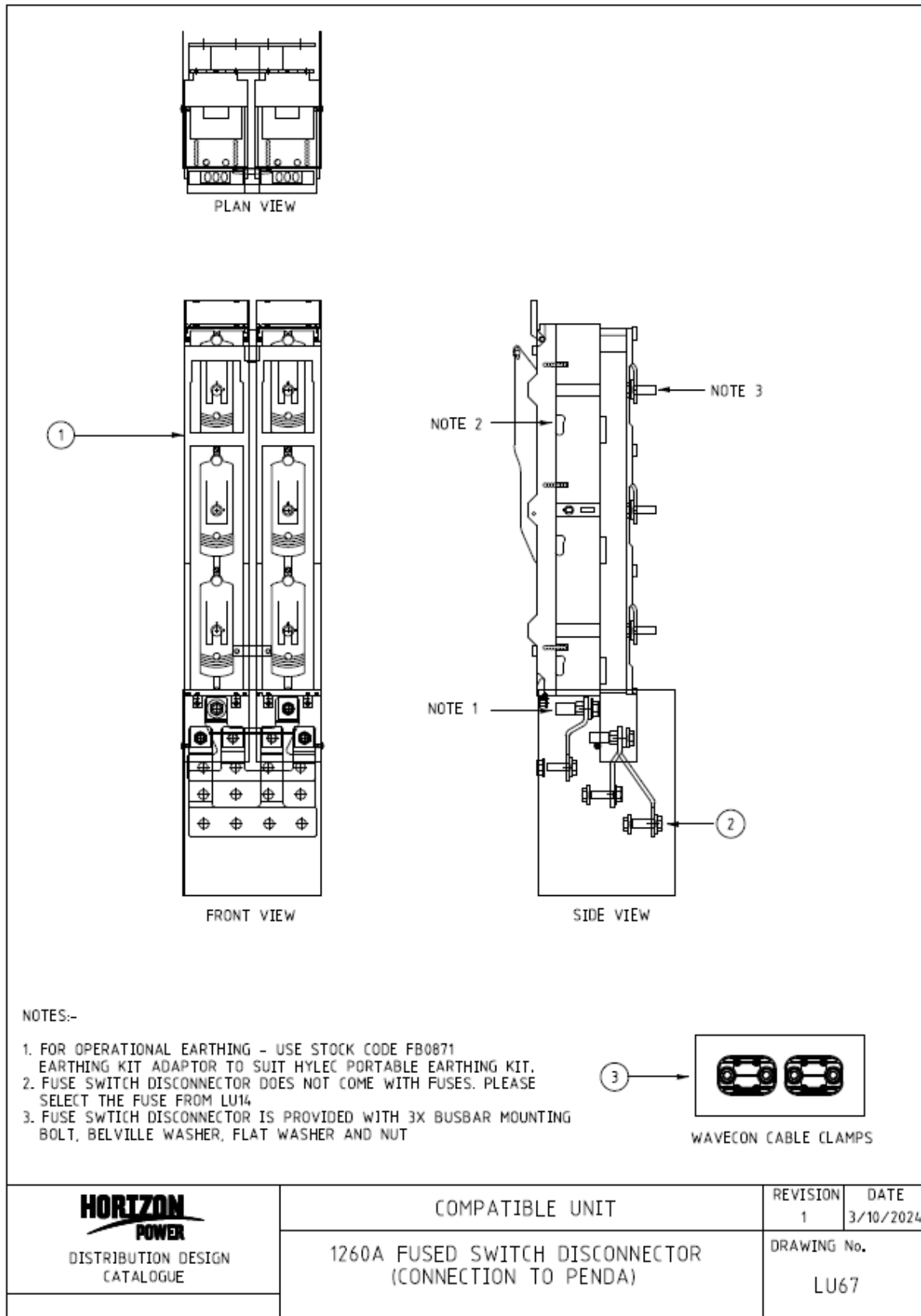


CU	CU DESCRIPTION
LU66_TX	2000A Tx switch disconnecter (incoming supply to PENDA)

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	FB0862	Switch Disconnecter (Rated 2000A)	1	ea	Links, mounting kit included
2	FB0873	Cable connection kit – M12 x 35mm long bolt, Belville and Flat washer and nut	4	kit	3 of each per kit
3	FM0203	Cable Clamps – 26-38sqmm triple	4	kit	
4	FM0200	Cable Clamps – 26-38sqmm single	2	kit	

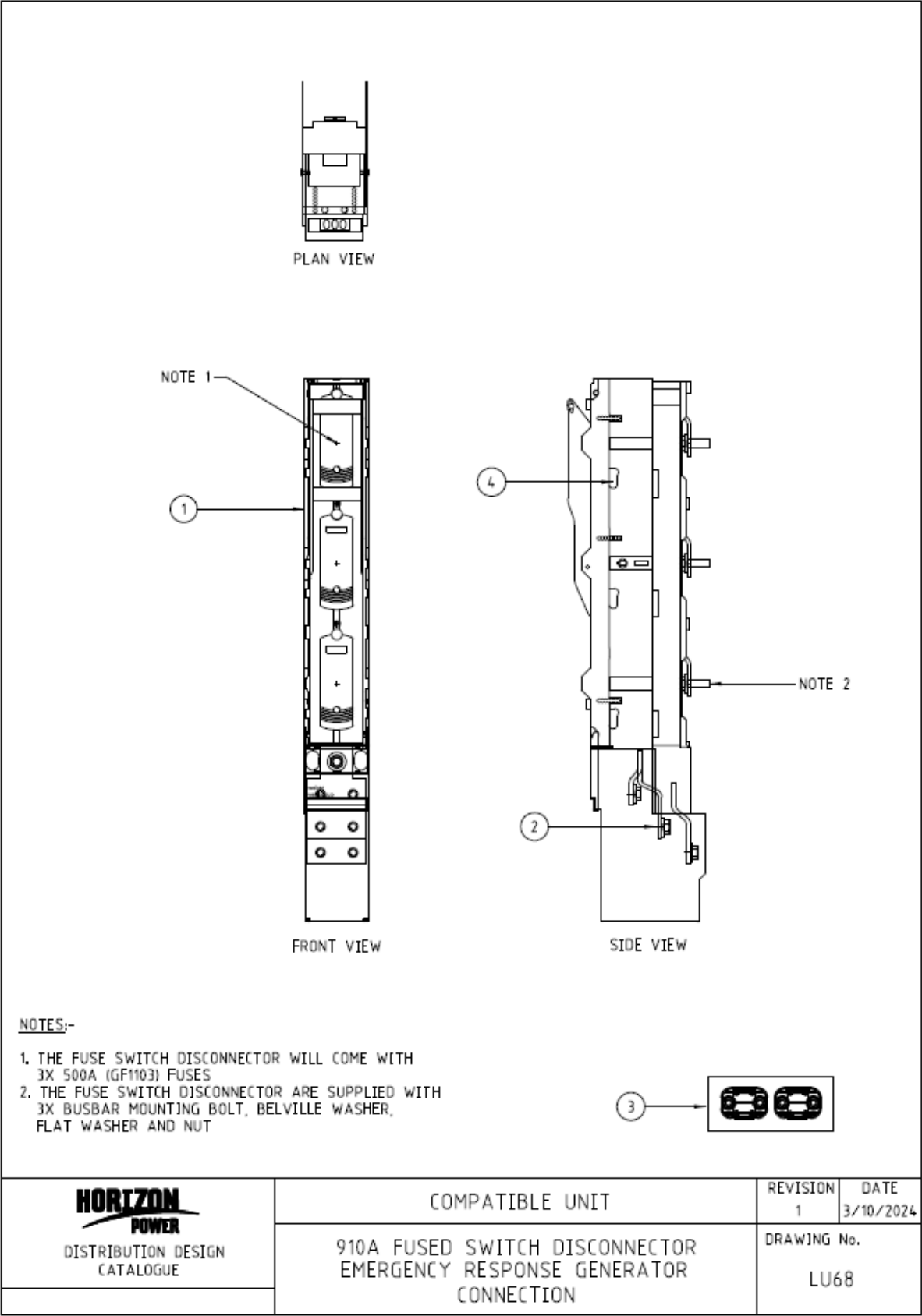
CU	CU DESCRIPTION
LU66_CUST	2000A Consumer switch disconnecter (connection to PENDA)

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	FB0862	Switch Disconnecter (Rated 2000A)	1	ea	Links, mounting kit included
2	FB0873	Cable connection kit – M12 x 35mm long bolt, Belville and Flat washer and nut	4	kit	3 of each per kit
3	FM0203	Cable Clamps – 26-38sqmm triple	4	kit	
4	FM0200	Cable Clamps – 26-38sqmm single	2	ea	



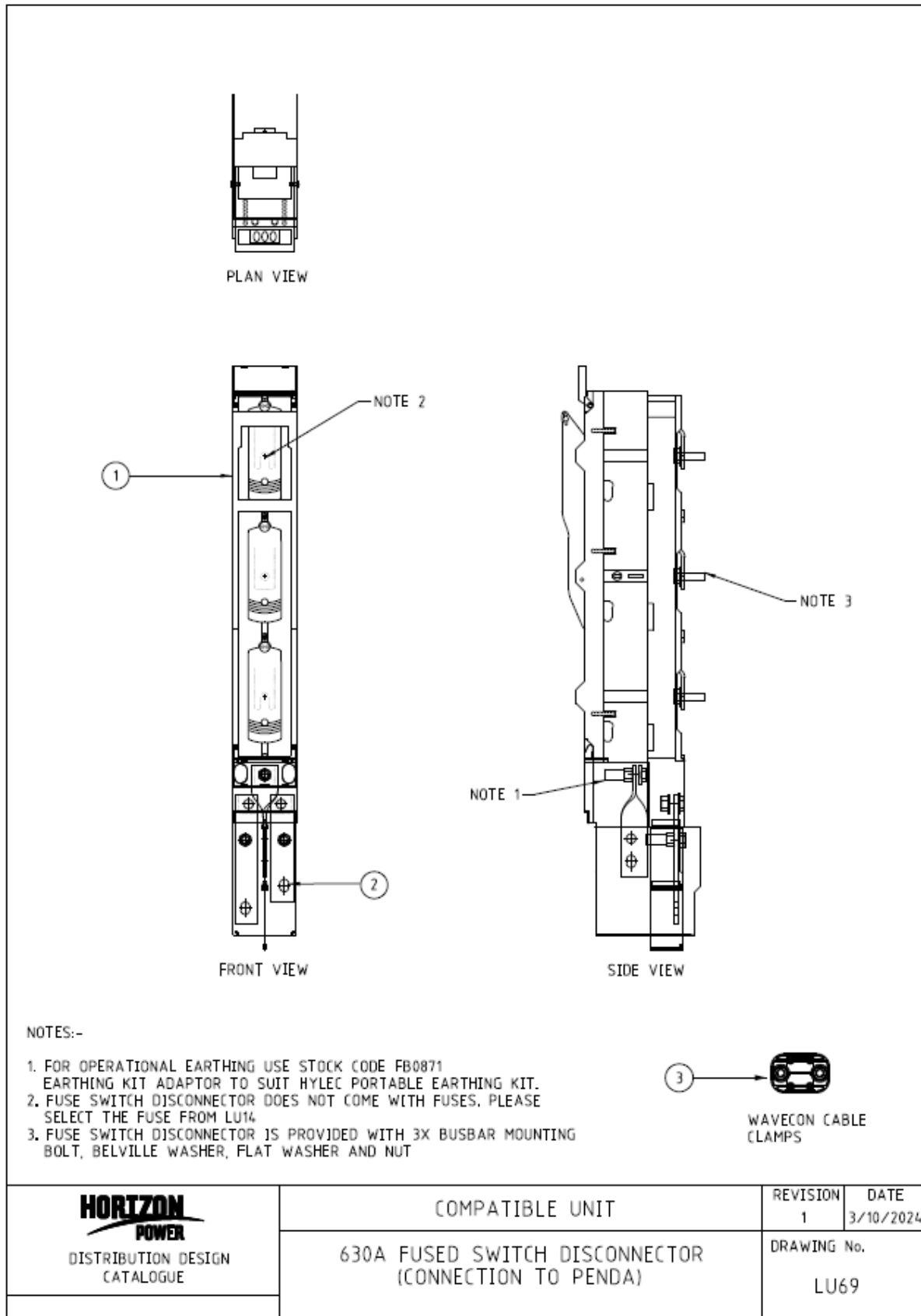
CU	CU DESCRIPTION
LU67	1260A Fused switch disconnecter (connection to PENDA)

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	FB0863	Switch Disconnecter (Rated 1260A)	1	ea	
2	FB0873	Cable connection kit – M12 x 35mm long bolt, Belville and Flat washer and nut	2	kit	
3	FM0204	Cable Clamps – 38-50sqmm single	2	ea	



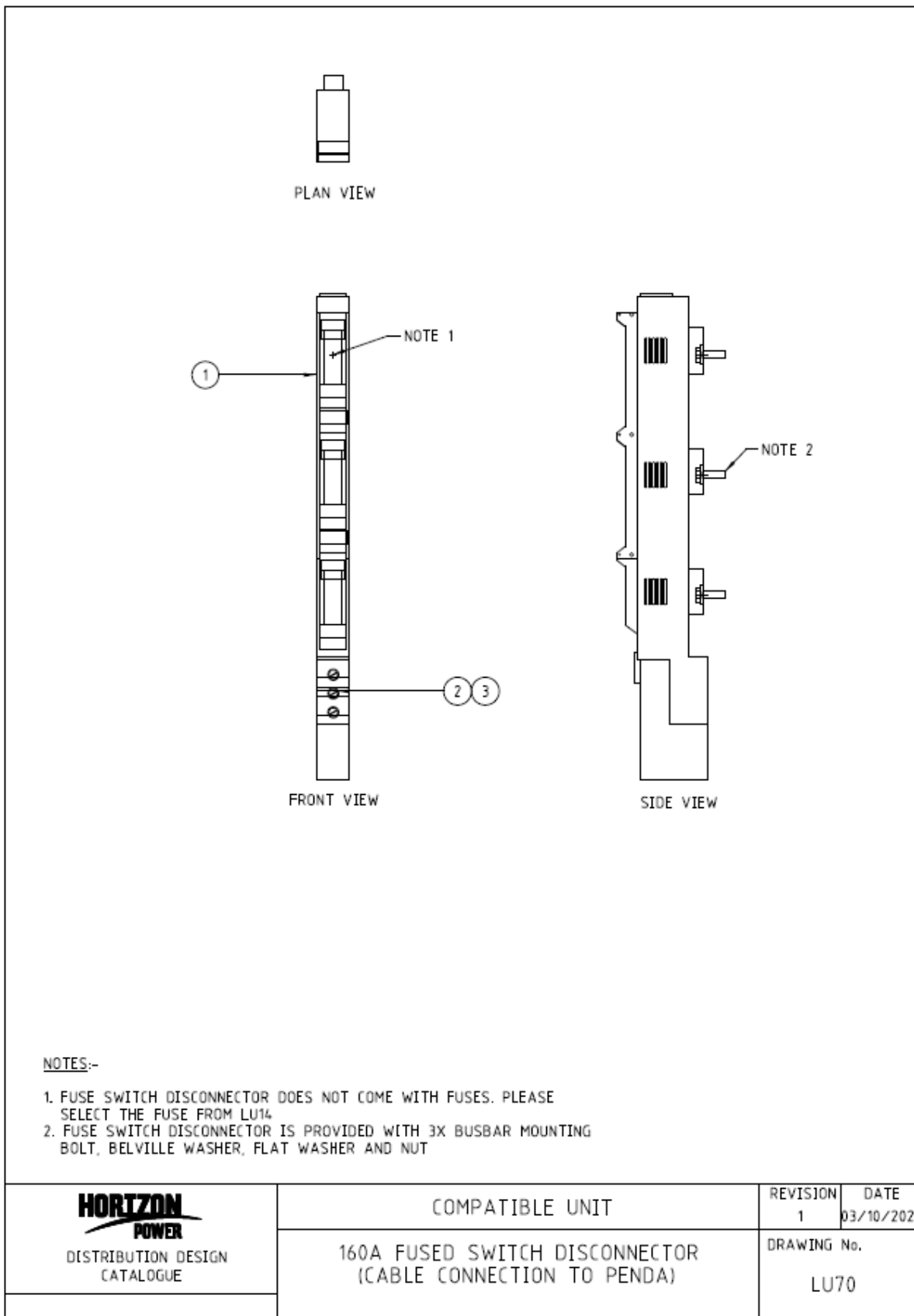
CU	CU DESCRIPTION
LU68	910A Fused switch disconnecter (connection to PENDA)

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	FB0864	Switch Disconnecter (Rated 910A)	1	ea	
2	FB0873	Cable connection kit – M12 x 35mm long bolt, Belville and Flat washer and nut	2	kit	
3	FM0204	Cable Clamps – 38-50sqmm single	1	ea	
4	GF1103	Fuse 500A Type-NH2	3	ea	



CU	CU DESCRIPTION
LU69	630A Fused switch disconnecter (connection to PENDA)

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	FB0865	Switch Disconnecter (Rated 630A)	1	ea	
2	FB0873	Cable connection kit – M12 x 35mm long bolt, Belville and Flat washer and nut	1	kit	
3	FM0204	Cable Clamps – 38-50sqmm single	1	ea	



CU	CU DESCRIPTION
LU70	160A Fused switch disconnecter (connection to PENDA)

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	FB0866	Switch Disconnecter (Rated 160A)	1	ea	
2	FB0874	Cable Termination Kit – M8 x 25mm and Belville washers	1	kit	
3	AN1491	Nut – M8, galvanized steel	3	ea	

APPENDIX A

REVISION INFORMATION

(Informative) Horizon Power has endeavoured to provide standards of the highest quality and would appreciate notification if any errors are found or even queries raised.

Each Standard makes use of its own comment sheet which is maintained throughout the life of the standard, which lists all comments made by stakeholders regarding the standard.

The document **DM# 2152546** can be used to record any errors or queries found in or pertaining to this standard, which can then be addressed whenever the standard gets reviewed.

Date	Rev No.	Notes
	0	Western Power Supplied
01/07/2009	1	<ul style="list-style-type: none"> Original Horizon Power issue
21/01/2014	2	<p>Index List CU Description</p> <ul style="list-style-type: none"> LU50_SL_95 & 150 changed to LU50_10_16_95 & 150 LU51_SL_AL & CU changed to LU51_10_16_AL & CU <p>LU6 Drawing</p> <ul style="list-style-type: none"> Item (2) & (6) split to indicate parts <p>LU9 Drawing & List</p> <ul style="list-style-type: none"> Items shown better <p>LU34 Drawing & List</p> <ul style="list-style-type: none"> Item (5) added – cable protector <p>LU35 Drawing & List</p> <ul style="list-style-type: none"> Item (5) added – cable protector Item (3) changed from lug to saddle <p>LU38 Drawing</p> <ul style="list-style-type: none"> W.P.C. removed Earth Depth changed from 150 mm to 500 mm <p>LU50 & LU51 Drawing & List</p> <ul style="list-style-type: none"> Items (4) and (6) removed
23/02/2018	3	<p>LU9 Drawing & List</p> <ul style="list-style-type: none"> Item (10) added <p>LU37 Drawing & List</p> <ul style="list-style-type: none"> Items (7) & (8) added

Date	Rev No.	Notes
		LU50 Drawing & List <ul style="list-style-type: none"> Items (9) & (10) added LU51 Drawing & List <ul style="list-style-type: none"> Items (8), (9) & (10) added
14/12/2020	4	Resin separated from joint kits, drawing to be updated and also item (1) modified and item (2) created for the following lists: <ul style="list-style-type: none"> LU1 LU2 LU3 LU4 LU5 LU6 lists modified <p>Item (2) changed from CC0138 to "select from CN9".</p> Updating LU14 with new cable termination <ul style="list-style-type: none"> LU14_16/160A LU14_25/160A LU14_25/630A New CUs are added: <ul style="list-style-type: none"> LU16 LU63 LU64 LU65 LU66 LU67 LU68 LU69 LU70 LU2 and LU3 are duplicates (LU3 removed) <p>LU8 list modified:</p> <ul style="list-style-type: none"> FJ0247 replaced with FJ0238. LU9 lists modified: <ul style="list-style-type: none"> Item (4) changed from CC0138 to "PG Clamps – Select from CN9". Item (4) CZ0307 removed from: <ul style="list-style-type: none"> LU10 LU10_2TERM LU10_CABTERM Removed LU10_SLTERM – Use UM3_R instead.

Date	Rev No.	Notes
		<p>LU10_W/END</p> <ul style="list-style-type: none"> Replace CZ0307 by UH0088 <p>Removed LU19- repeat of LU1</p> <p>Removed LU33- Single Phase S/L cable</p> <p>LU34 GF1177 replaces with GF0505</p> <p>LU35 GF1188 replaces with GF0512</p> <p>LU37 added item (9) – Select IPC clamp from CN65</p> <p>Removed:</p> <ul style="list-style-type: none"> LU38 LU39 LU40 LU44 LU45 LU46 LU46A LU47 LU49 <p>GF0550 is replaced with GF1940 for:</p> <ul style="list-style-type: none"> LU50_SL_95 LU50_SL_150 LU50_SL <p>LU51_25_AL renamed to LU51_25</p> <p>Item (5) changed to “PG Clamps – Select from CN9”</p> <p>LU51_SL_AL renamed to LU51_SL</p> <p>Item (5) changed to “PG Clamps – Select from CN9”</p> <p>LU51_25_CU removed</p> <p>LU51_SL_CU removed</p> <p>Modified LU52 – Changed to 3Ph Service Pit</p> <p>Stock item descriptions updated for consistency.</p> <p>Removed LU14_185.</p>
28/04/2021	5	<p>FC0498 is replaced with FC0499 for:</p> <ul style="list-style-type: none"> LU6_240 LU9_240 LU37_240

Date	Rev No.	Notes
		Removed: <ul style="list-style-type: none"> • LU6_120 • LU9_120 • LU37_120
30/10/2021	6	LU1 list modified <ul style="list-style-type: none"> • FJ0043 replaced with FJ0063 • KC0002 replaced with KC0014 LU2 list modified <ul style="list-style-type: none"> • FJ0042 replaced with FJ0062 • KC0002 replaced with KC0014 LU4 list modified <ul style="list-style-type: none"> • FJ0047 replaced with FJ0067 • KC0002 replaced with KC0014 LU5 list modified <ul style="list-style-type: none"> • FJ0046 replaced with FJ0066 • KC0002 replaced with KC0014 LU12 list modified <ul style="list-style-type: none"> • FJ0241 replaced with FJ0056 Remove LU6_185 Remove LU6_240 LU63, LU64, LU65, LU66, LU67, LU68, LU69 and LU70 <ul style="list-style-type: none"> • Update Order form with new version • Update notes of LU63 Remove LU9_185 Remove LU37_185
30/08/2022	7	Add LU53 Update LU63 drawing to rev 2
13/02/2024	8	Added CAH1018 and CAH1019 LU41, LU42 and LU43
21/5/2024	9	Stock code added to LU66, LU67, LU68, LU69, LU70
15/10/2024	10	LU63, LU64 and LU65 PENDA CUs added. Revised LU 50-1, 50-2, 51-1 and 51-2, 66 to 70

Date	Rev No.	Notes
		Removed 'Operations Division' from all drawings. Wording is consistent throughout document.
19/06/2025	11	<p>Document template updated</p> <p>LU5 list</p> <ul style="list-style-type: none"> FJ0066 replaced with FJ0068 KC0011 added <p>LU16</p> <ul style="list-style-type: none"> Updated descriptions to reflect that the kits come with 7 lugs <p>LU50_25_95, LU50_25_150</p> <ul style="list-style-type: none"> Removed GC7195 Removed AN2005 <p>LU50_SL_95</p> <ul style="list-style-type: none"> Renamed to LU50_16_95 Removed CG7192 Removed AN2005 Removed EE1201 Added EE1126 <p>LU50_SL_150</p> <ul style="list-style-type: none"> Renamed to LU50_16_95 Removed CG7192 Removed AN2005 Removed EE1201 Added EE1126 <p>LU51_25</p> <ul style="list-style-type: none"> Replaced EE1128 with EE1201 Removed GC7195 Removed AN2005 Added FC0500 <p>LU51_SL</p> <ul style="list-style-type: none"> Renamed to LU51_16 Removed GC8192 Removed AN2005 Added FC0500 <p>LU53</p> <ul style="list-style-type: none"> Changed drawing name to say 25sqmm & 16sqmm instead of 25-16sqmm Renamed to Joint Extension Kit

Date	Rev No.	Notes
		<ul style="list-style-type: none">Added EE1201Added FE0071 <p>LU65</p> <ul style="list-style-type: none">Updated description to correctly reflect the number of each fuse switch <p>LU50-1, LU50-2, LU51-1 & LU51-2 drawings updated to reflect the correct arrangement</p> <p>LU63, LU64 & LU65 drawings updated to correctly reflect the size and number of fuse switches that come with each PENDA</p>