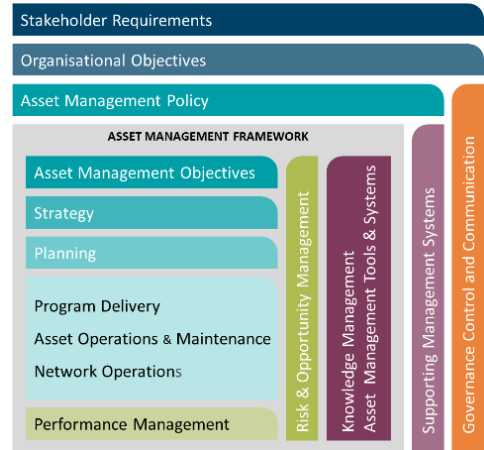


Western Power's Asset Management System

Distribution Design Catalogue CU Drawing Index



Original Issue: June 2006

Content Owner/Custodian: Distribution Design and Standards

This Revision: 8 – April 2025

Date for Next Review: April 2028

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EDM # 24802820

Document control

Endorsement approvals

	Name	Title	Signature and Date
Compiled by	Nory Cerrado	Distribution Draftsperson	Signature on file
Checked by	Chris Omodei	Principal Engineer	Signature on file
Endorsed by	Ken Tiong	Team Leader	Signature on file
Approved by	Pep Ngwenya	Distribution Design & Standards Manager	Signature on file

Record of revisions

Revision No.	Date	EDM Version	Compiled by	Description
1	08/04/2025	45	Nory Cerrado	First Revision with new Format and 3 yearly review

This document gives direction to and influences the following documents.

Doc	Title of document
ALL CHAPTERS	DDC - DISTRIBUTION DESIGN CATALOGUE
ALL CHAPTERS	DCSH - DISTRIBUTION CONSTRUCTION STANDARD HANDBOOK
ALL CHAPTERS	DSPM - DISTRIBUTION SUBSTATION PLANT MANUAL

Stakeholders (people that were consulted when document was updated)

Business Unit / Function

Asset Management - Asset Performance

Asset Management – Safety Environment Quality and Training

Asset Management - Grid Transformation

Asset Operations – Network Operations

Asset Operations – Operational Services

Asset Operations – Customer Connection Services

Business and Customer Service – Customer Service

Notification list (people to be notified when document is updated)

Business Unit / Function

Asset Management - Asset Performance

Asset Management – Safety Environment Quality and Training

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Asset Operations – Network Operations

Asset Operations – Operational Services

Asset Operations – Customer Connection Services

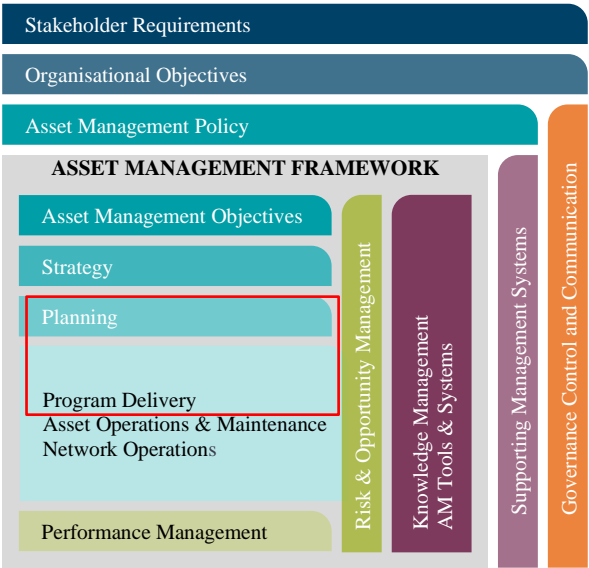
Business and Customer Service – Customer Service

This document must not be made available to personnel outside Western Power without the prior written approval of Western Power.

Document classification and hierarchy

A key requirement of the Western Power Asset Management Policy (AMP) is to develop and maintain an Asset Management System (AMS). This Distribution Substation Plant Manual is defined as a technical document within the AMS document classification and structure and sits within the planning and Program Delivery components of the AMS.

The AMS and the interrelationships between the collection of documents, tools and systems that are used for asset management are described in the AMS document EDM# [40304923](#).



Revision List

For drawing revisions please refer to the DDC Amendment list EDM# 24803827

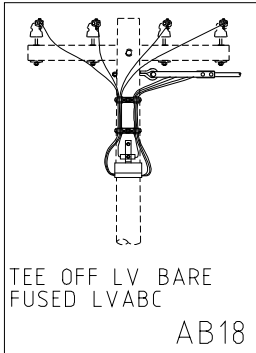
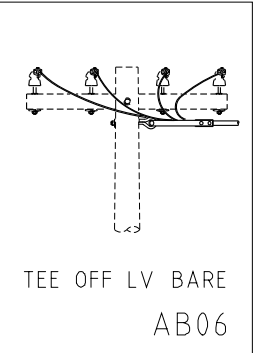
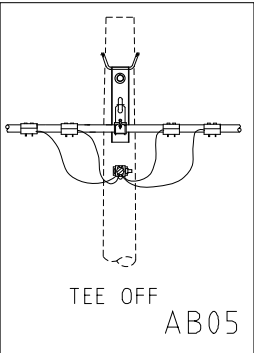
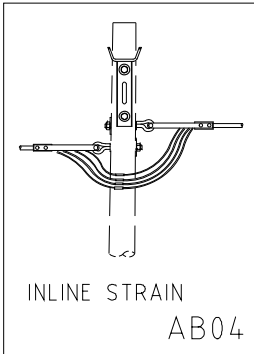
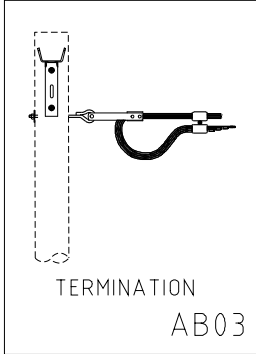
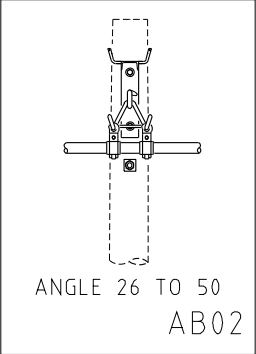
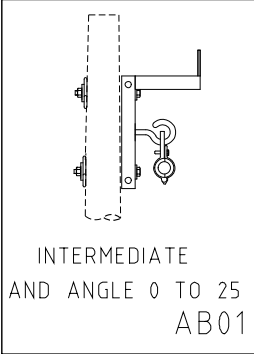
General Notes


NOTE #	DESCRIPTION
1	Driving point is not required for normal ground conditions including small coffee rocks and shale. For harder ground condition, a driving point is recommended. (It is unlikely the driving point will be suitable for granite rock)
2	Expulsion Dropout Fuse (EDO) base and links as well as K-Mate fuse current limiters are not included in CUs but listed in HV51. Fault Tamer fuse base and links are listed in HV52. Fault Tamer fuse are not to be used on 33kV networks and have a maximum rating of 20A. EDOs are used on 33kV networks and for current rating greater than 20A.
3	For the physical dimension tables the uppermost king bolt / eye bolt is the reference point with coordinates X=0.0, Y=0.0 (Datum)
4	The conductor location in the Y axis of the physical dimension tables lists the height of the conductor on the top of the post insulator above the datum. This dimension has been rounded down taking equipment differences, manufacturing tolerances and installation variations into account. On angle structures, where the conductor is attached to the side of the insulator head the conductor is located marginally lower than if located on the top of the insulator. No adjustment is considered necessary to the Y dimension in these cases.
5	For conductor clashing calculation, apply the correct Y dimension which may differ from that listed in the dimension table which is used for ground clearance simulation purposes. E.g. HV09 RHS span (centre to outer phase) Ydim to be 230mm and not 310mm.
6	HV isolators to be selected according to HV53.



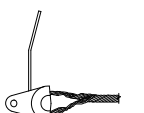
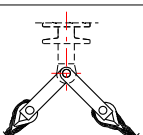
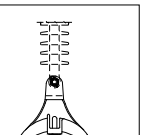




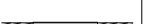



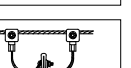
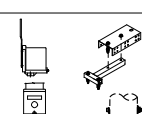
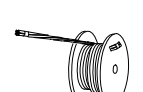
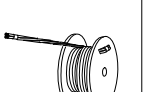
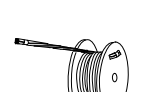

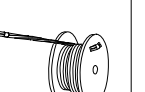
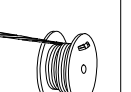

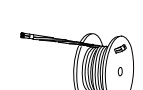
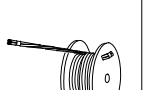
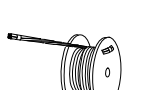
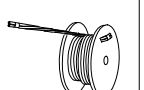
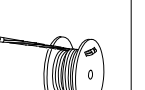
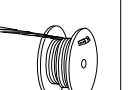

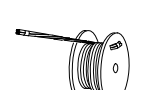
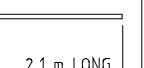
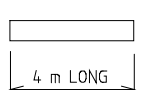
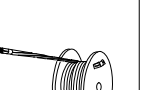

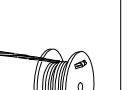
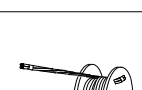

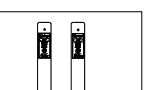
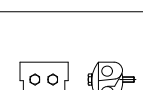
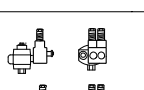
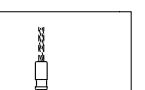
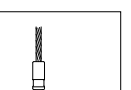
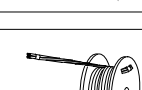
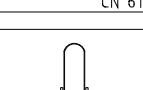
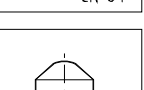
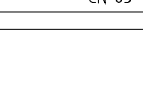
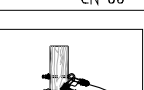
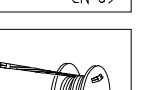
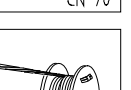
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CU INDEX	CU DESCRIPTION
AB	Low Voltage ABC – Section 5
CN	Conductors and Fittings – Section 7
DA	Distribution Automation – Section 9
DM	Decorative Materials – Section 13
HM	High Voltage Metering – Section 14
HU	High Voltage Underground – Section 10
HV	High Voltage Overhead – Section 1
HX	High Voltage Hendrix – HX
HA	High Voltage ABC - HA
LM	Low Voltage Metering – Section 15
LU	Low Voltage Underground – Section 11
LV	Low Voltage Bare – Section 4
PO	Poles – Section 2
RE	Running Earth – Section 3
SL	Streetlights – Section 12
ST	Stays – Section 6
TX	Transformers – Section 8
UM	Unmetered Supply – Section 16

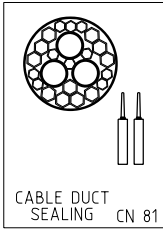
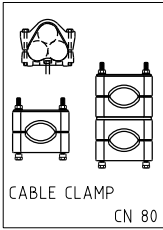
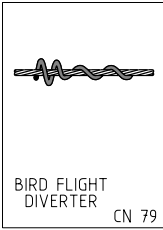
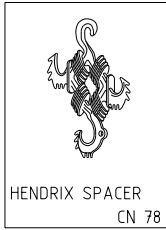



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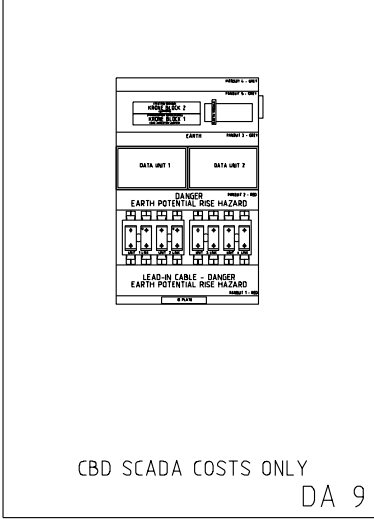
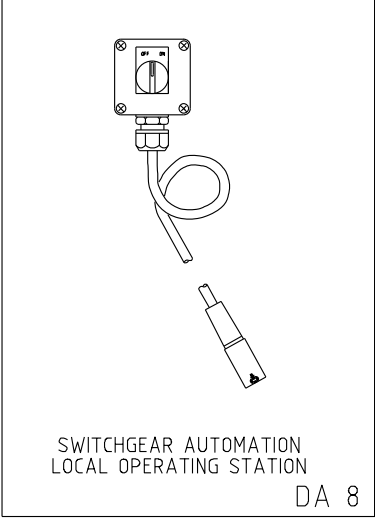
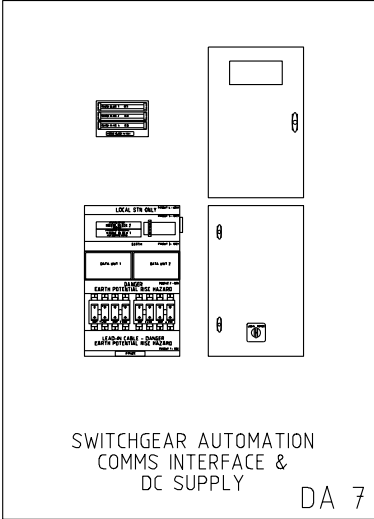
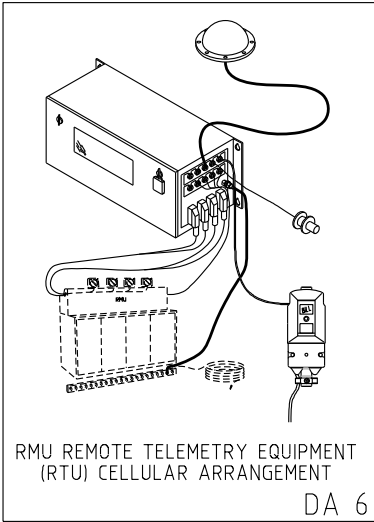
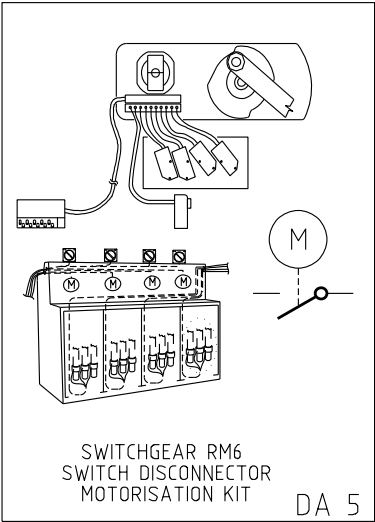
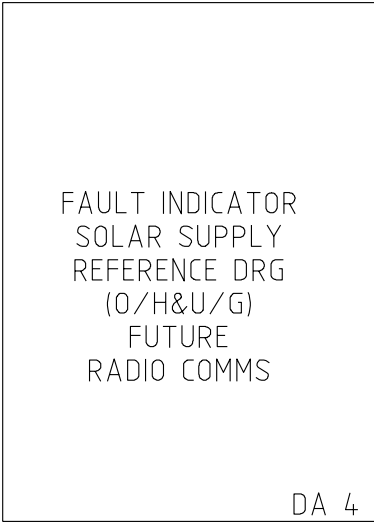
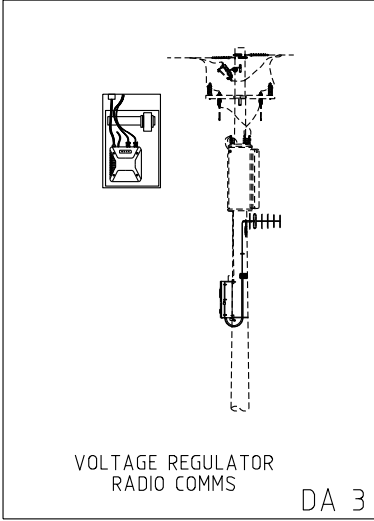
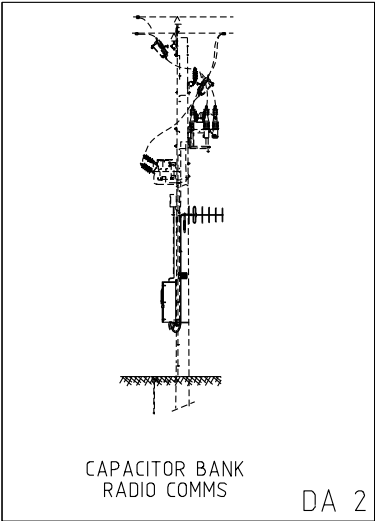
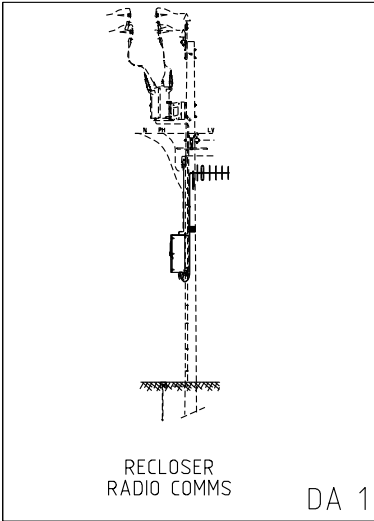
						
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LUG BI-METAL M12 HOLE CN 11	HELICAL TERMIN CN 13	FULL TENSION COMPRESSION JOINTS & HELICAL SPLICES FOR BARE AAC/AAAC, COPPER & STEEL CONDUCTORS CN 17	ARMOUR RODS CN 18	TIES - HV/LV AAC/AAAC CN 26	TIES STEEL & COPPER CN 27	STIRRUP LIVE LINE CLAMP CN 30
						
POLE MOUNTED LV FUSE HOLDER CN 35	CONDUCTOR AAC CN 36	CONDUCTOR SCAC CN 37	CONDUCTOR LVABC 95/150 CN 38	TAPPING CABLE CONDUCTOR CN 39	CABLE 16 SL CN 41	CABLE 25 LV CN 42
						
CABLE 120 LV CN 43	CABLE 240 LV CN 45	CABLE 35 3x1C HV CN 46	CABLE 35 1x1C HV CN 47	CABLE 185 3x1C HV CN 48	CABLE 240 3x1C HV CN 49	CABLE 50 3x1C HV CN 51
						
CONDUCTOR AAAC CN 52	CABLE 400 3x1C AL HV CN 53	PLASTIC SLABS 2.1 m LONG CN 54	CONDUIT 4 m LONG CN 56	CABLE 50 1x1C HV CN 57	CABLE 185 1x1C AL HV CN 58	CONDUCTOR AACSR CN 59
						
TX. LV CONDUCTOR CN 60	CABLE BELOW WARNING TAPE CN 61	ABOVE GROUND CABLE MARKER CN 64	INSULATION PIERCING CLAMP CN 65	INSULATION PIERCING CLAMP ABC TO 2 & 4 SERVICES CN 68	SPLICE ABC TO BARE COPPER CN 69	SPLICE ABC TO BARE ALUMINIUM CN 70
						
CONDUCTOR SERVICE 6/16mm CN 71	STRAIN CLAMP SERVICE & STREETLIGHT FEED CN 72	CABLE END CAPS CN 73	SPIRAL VIBRATION DAMPER CN 74	CUSTOMER SERVICE CARRYOVER CONNECTION CN 75	MESSENGER SCGZ WIRE CN 76	HV COVERED CONDUCTOR CN 77

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G	13.03.14	FORMAT CHANGED AND DRG. CN64 ADDED.						APPROVED:			
F	25.09.13	ORIGINAL ISSUE									
REV	DATE	DESCRIPTION		DRGD.	CHKD.	APRD.					

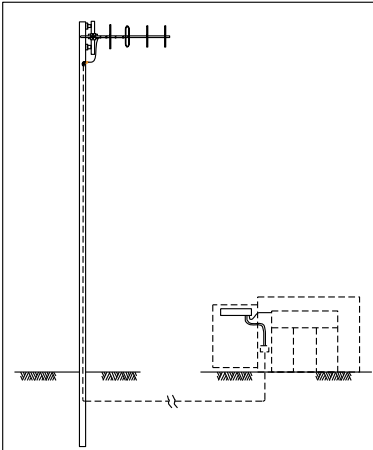
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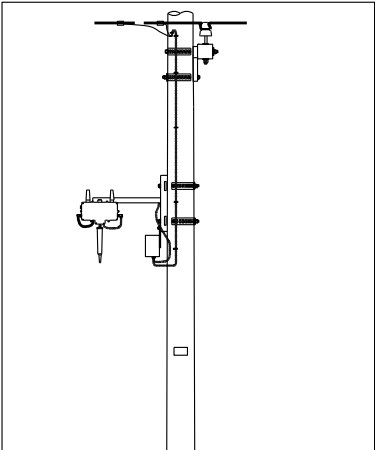
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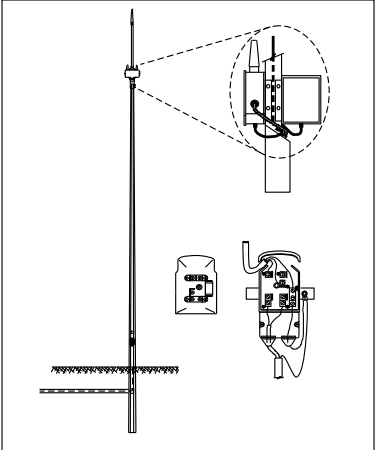
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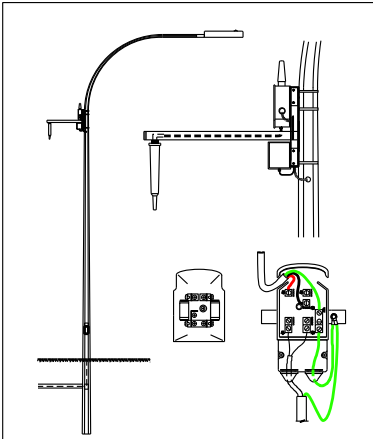
SWITCHGEAR AUTOMATION -
ANTENNA ON POLE DA10



AMI - ADVANCED METERING
LV AERIAL SUPPLY DA11-1

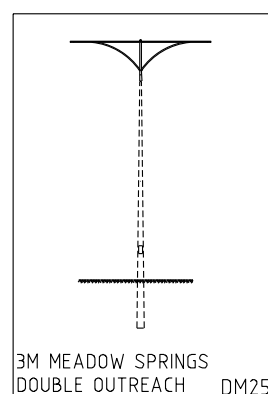
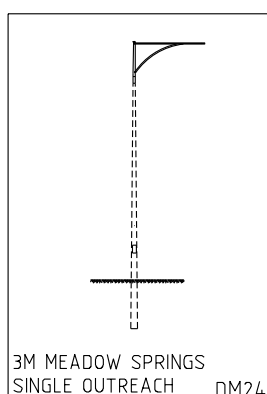
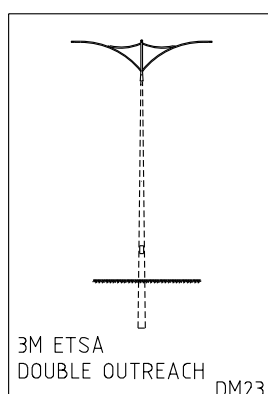
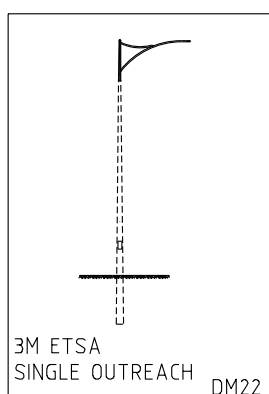
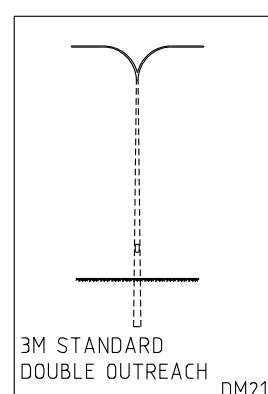
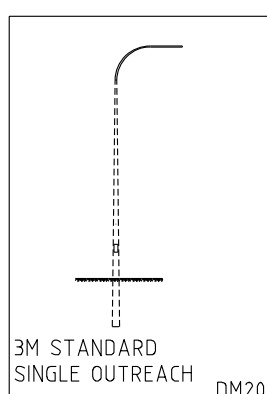
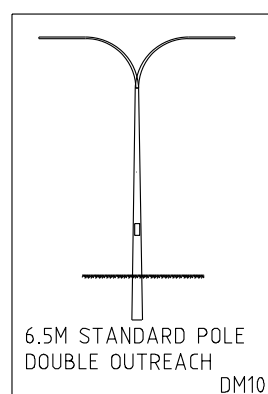
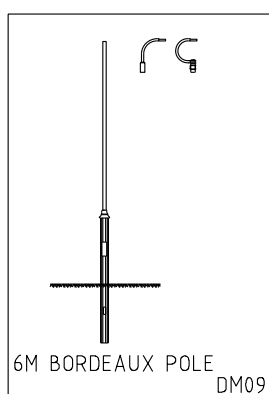
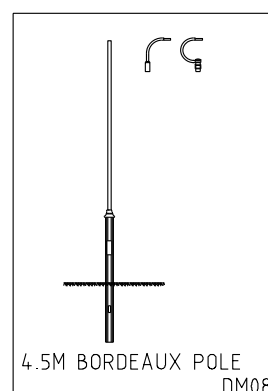
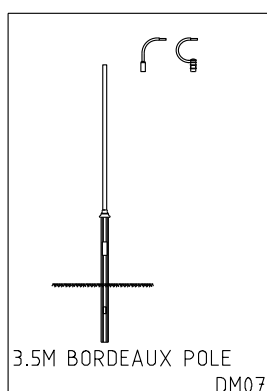
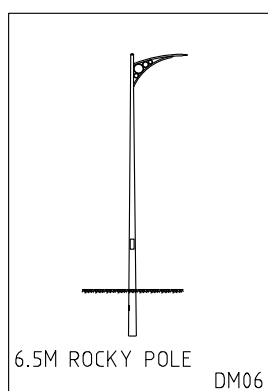
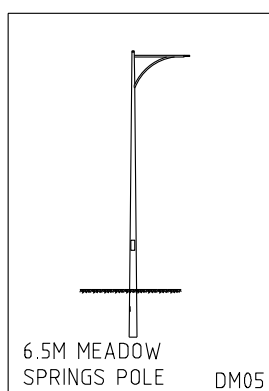
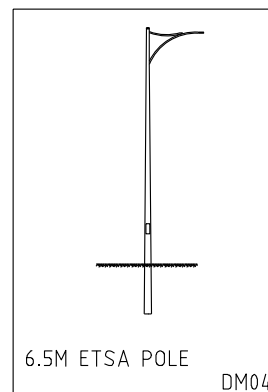
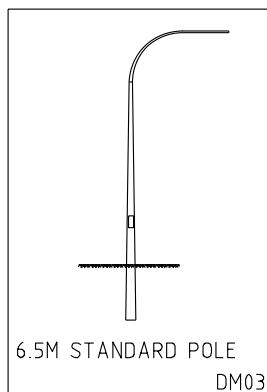
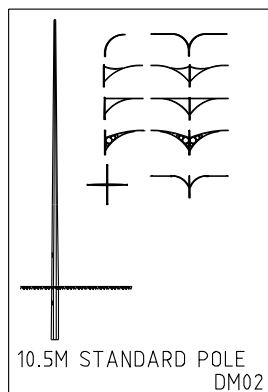
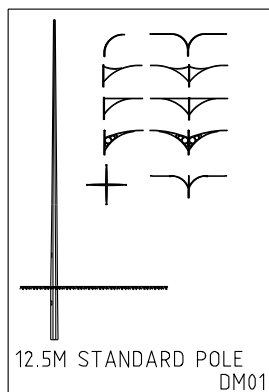



AMI - ADVANCED METERING
UNDERGROUND SUPPLY DA11-2

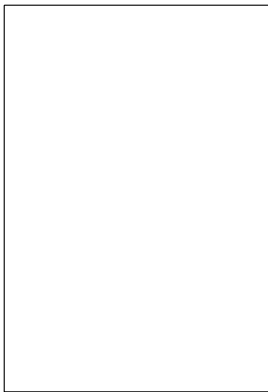
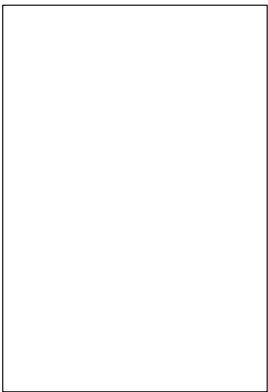
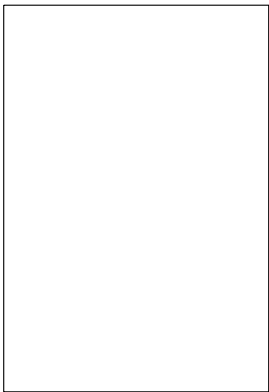
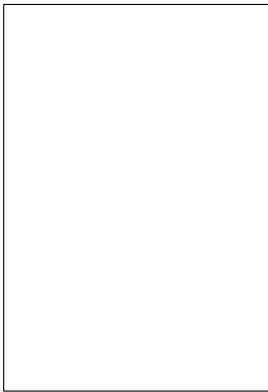
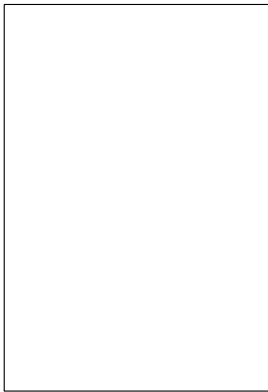
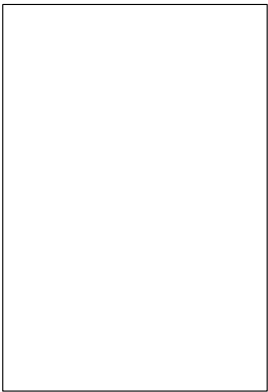
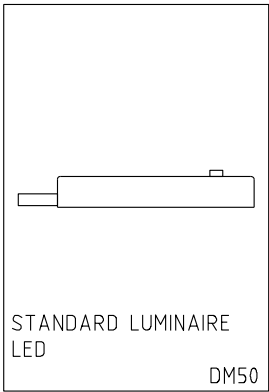
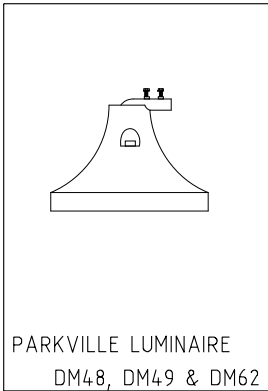
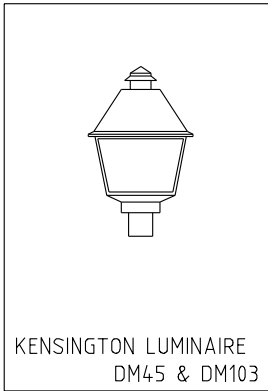
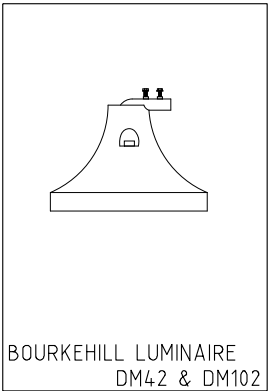
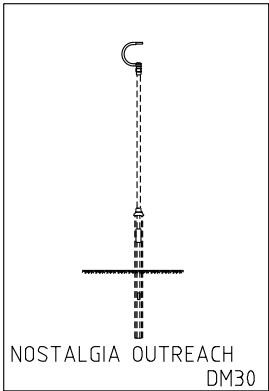
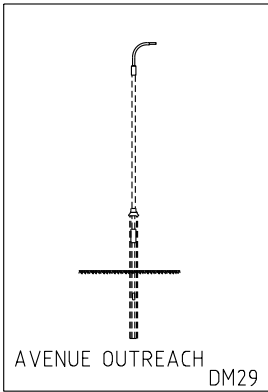
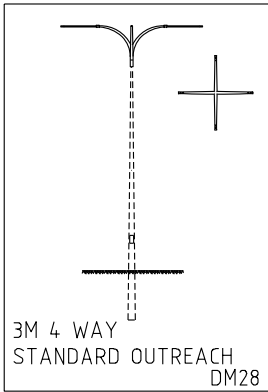
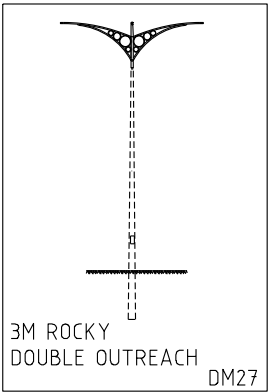
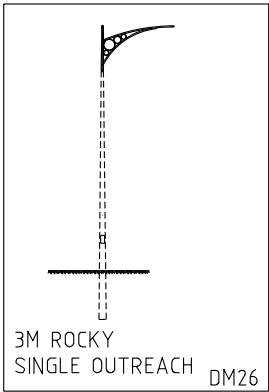


AMI - ADVANCED METERING
DIRCT FROM PIT OR PILLAR DA11-3

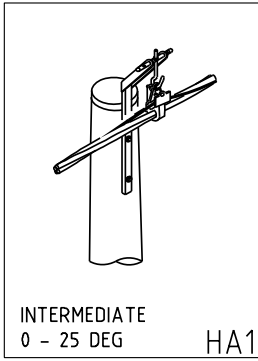
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							TITLE				DRAWN: JRR		DATE: 27-03-2014		ORG. No.	
											ORIGINATED:		SCALE: NTS		DA INDEX	
B 09.04.19 ITEM DA11-1, 2 & 3 ADDED							DA COMPATIBLE UNITS				CHECKED: REE		REV. B		SHT. 2/2	
A 17.09.12 ORIGINAL ISSUE											APPROVED:					
REV		DATE		DESCRIPTION			ORGO		CHKD		APRD					



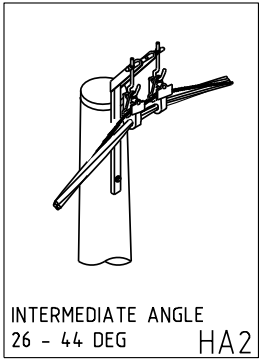
							COMPATIBLE UNIT				DISTRIBUTION DESIGN CATALOGUE												
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F	06.09.18	REVISED TO SUIT LED LUMINAIRE					REE	CO	GS	DM COMPATIBLE UNITS				ORIGINATED:		SCALE: NTS		DM INDEX-1					
E	31.03.14	FORMAT CHANGED					JC	REE	GS					CHECKED: REE									
D	14.12.11	ORIGINAL ISSUE												APPROVED:		GRANT STACY				REV. E		SHT. 1/2	
REV	DATE	DESCRIPTION					ORGO	CHKD	APRD														



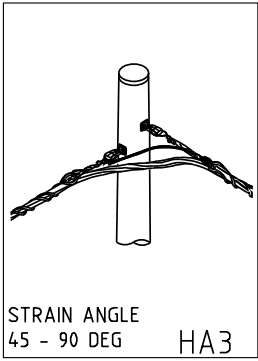
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										REV. F	
										SHT. 2/2	



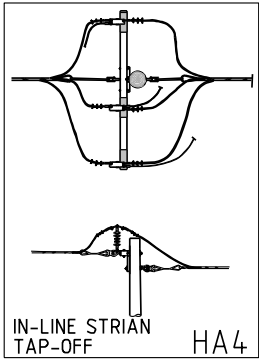
INTERMEDIATE
0 - 25 DEG HA1



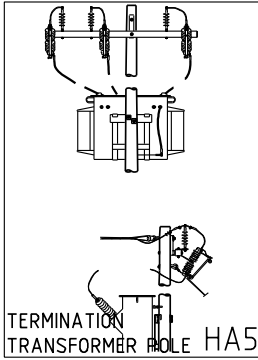
INTERMEDIATE ANGLE
26 - 44 DEG HA2



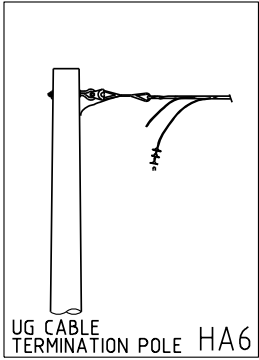
STRAIN ANGLE
45 - 90 DEG HA3



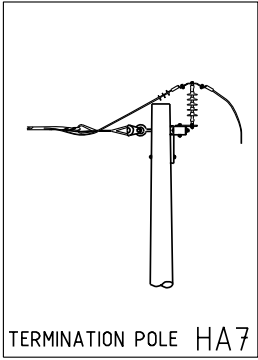
IN-LINE STRIAN
TAP-OFF HA4



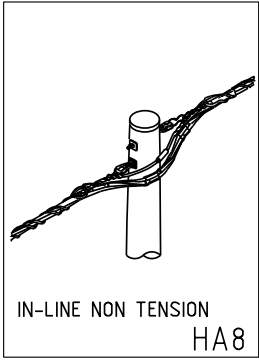
TERMINATION
TRANSFORMER POLE HA5



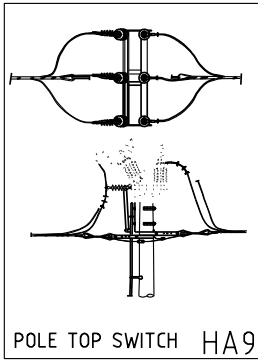
UG CABLE
TERMINATION POLE HA6



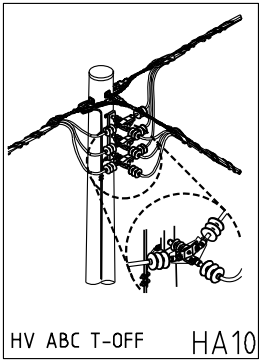
TERMINATION POLE HA7



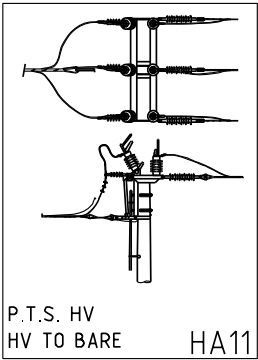
IN-LINE NON TENSION
HA8



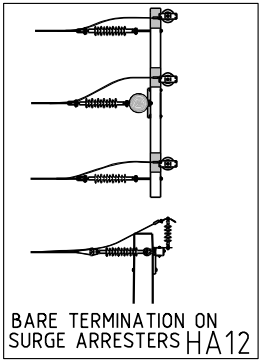
POLE TOP SWITCH HA9



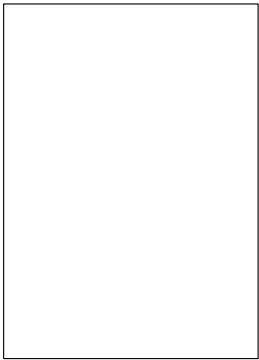
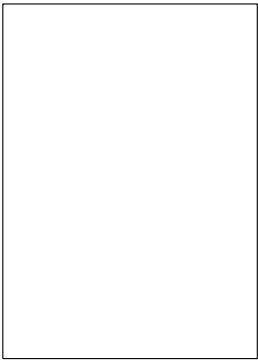
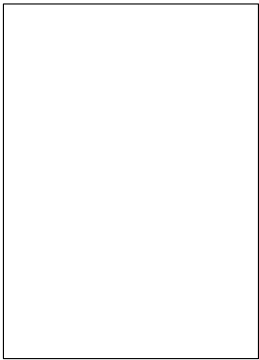
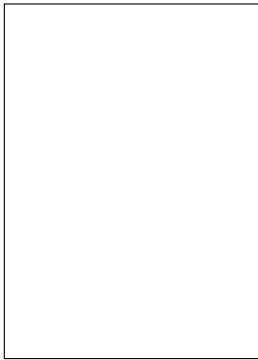
HV ABC T-OFF HA10




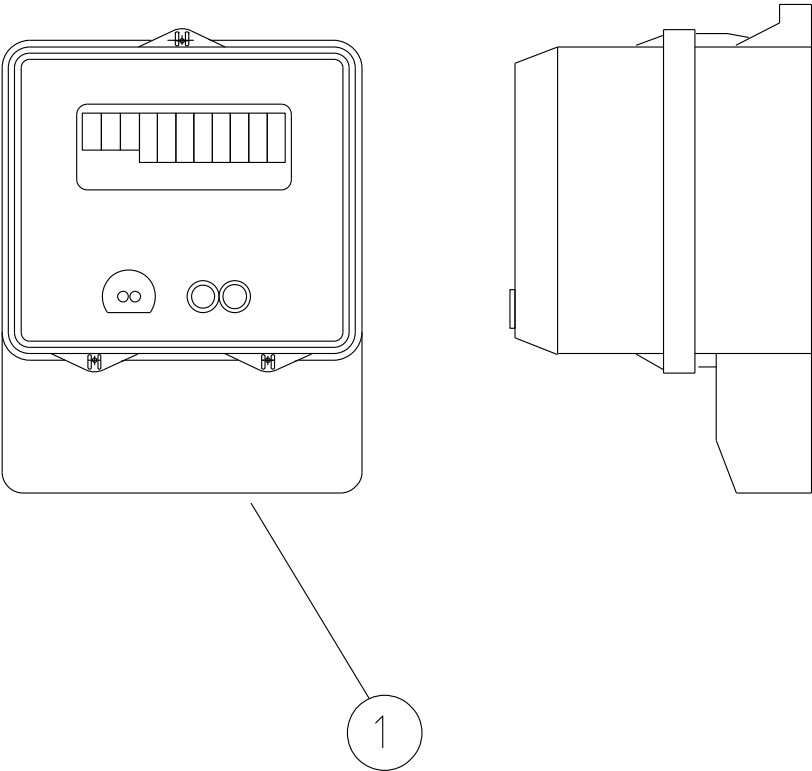
P.T.S. HV
HV TO BARE HA11





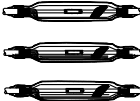
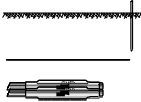


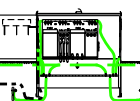
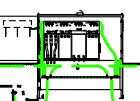
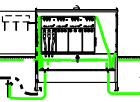
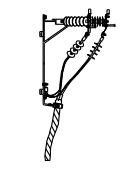
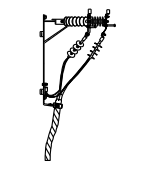
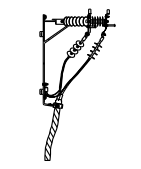
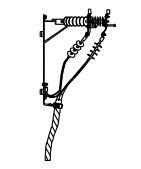
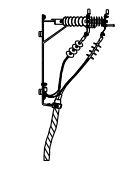
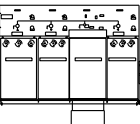
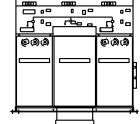
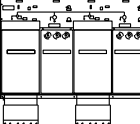
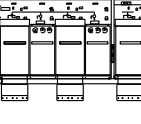
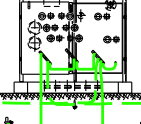
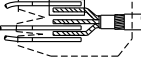
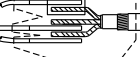
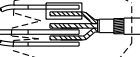
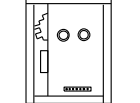
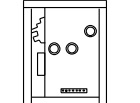
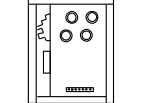
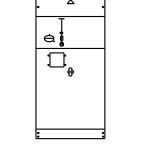
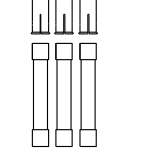

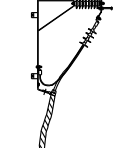
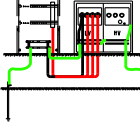
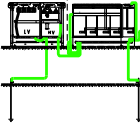
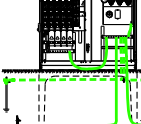
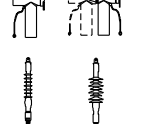
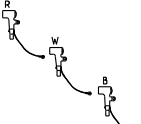
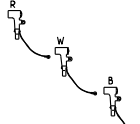
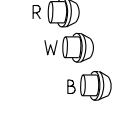
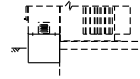


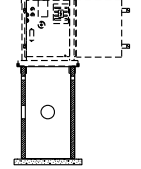

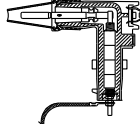
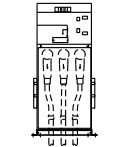
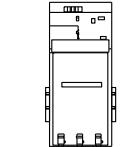
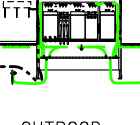
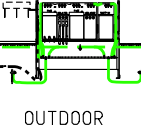
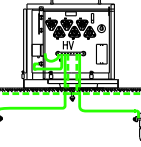
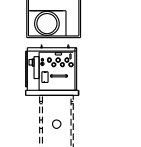
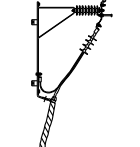
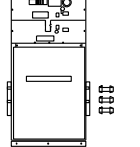
BARE TERMINATION ON
SURGE ARRESTERS HA12



								COMPATIBLE UNIT			DISTRIBUTION DESIGN CATALOGUE			
								TITLE <						



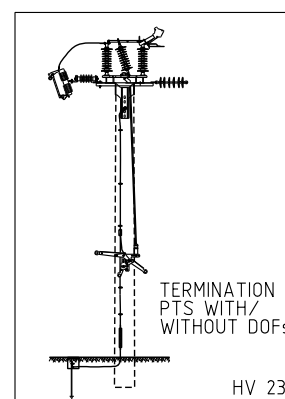
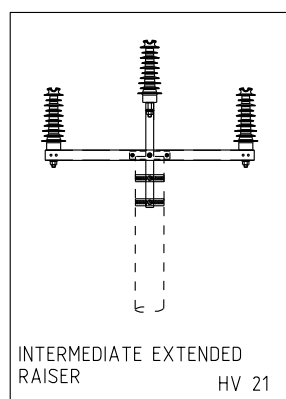
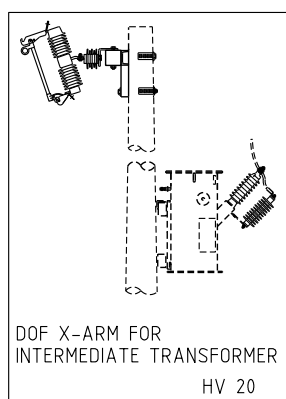
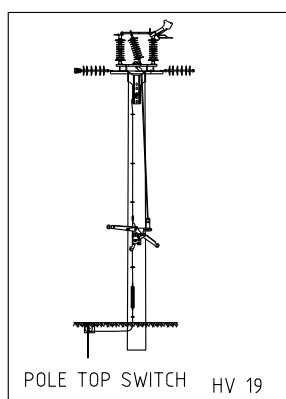
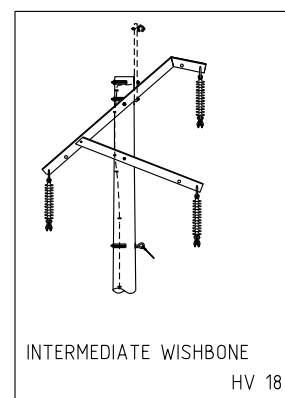
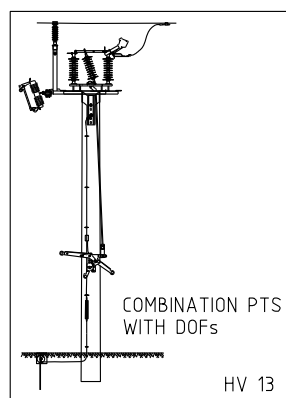
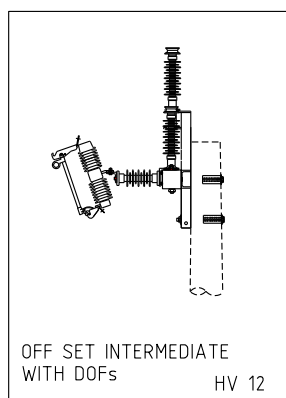
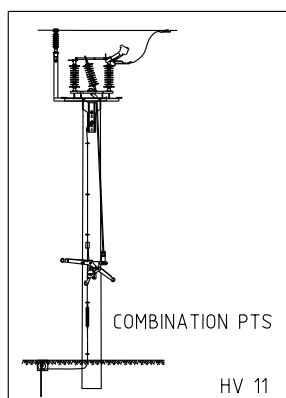
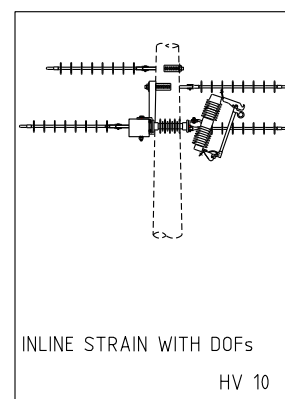
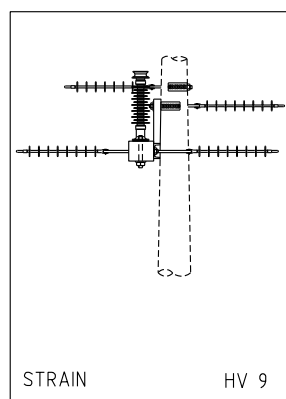
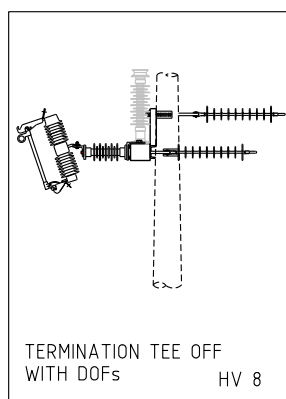
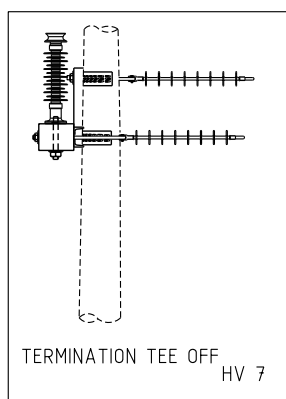
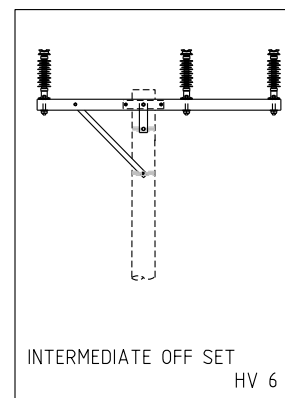
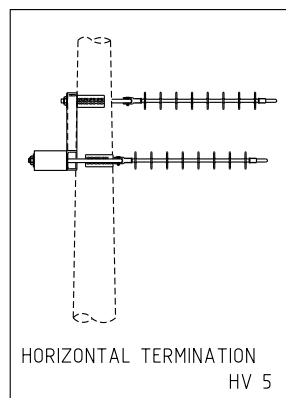
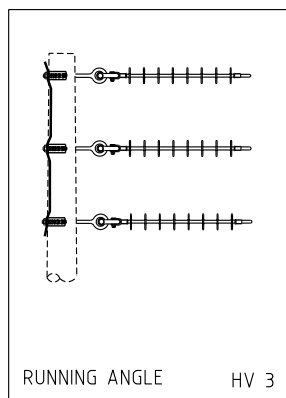
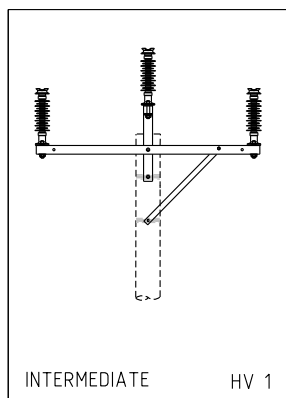
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				TITLE		DRAWN: JRR		DATE: 01-04-2014	
				HV UNIVERSAL METER		ORIGINATED:		SCALE: NTS	
						CHECKED: REE			
						APPROVED: GRANT STACY		REV. B	
A	21.07.04	ORIGINAL ISSUE							HM1
REV	DATE	DESCRIPTION	ORGO	CHKD	APRD				

 1 CORE - 22kV 25 to 95 185 to 400 HU1	 3 CORE 25 to 95 22kV 185 to 400 22kV 185 33kV HU2	 HV CABLE END SEAL 35-150 & 185-400mm ² HU3	 OUTDOOR SG 3+0 KIOSK HU5	 OUTDOOR SG 2+1 KIOSK HU6	 OUTDOOR SG 2+2 KIOSK HU7	 OUTDOOR SG 3+1 KIOSK HU8
 OUTDOOR SG 4+0 KIOSK HU9	 400 XLPE HU16	 185 XLPE HU18	 35 XLPE HU19	 50 XLPE HU20	 240 XLPE HU21	 RM6 INDOOR SWITCHGEAR 3+1 HU22
 RM6 INDOOR SWITCHGEAR 2+1 HU23	 RM6 INDOOR SWITCHGEAR 2+2 HU24	 RM6 INDOOR SWITCHGEAR 2+3 & 3+2 HU25	 315kVA SPUDS TRANSFORMER HU27	 50 PILSWA TO 35 XLPE HU28	 22kV 185/240 PILCSWA TO 185-400 XLPE HU29	 11kV 185-300 PILCSWA TO 185-400 XLPE HU30
 SPUD Tx 2 BUSHING HU31	 SPUD Tx 3 BUSHING HU34	 SPUD Tx 4 BUSHING HU35	 HV METERING HU40	 HV FUSES FUSE EXTENDERS HU55	 50mm ² XLPE 3x1 HU56	 35 1C XLPE HU57
 315, 630 & 1000kVA NON MPS DISTRICT HU59	 315, 630 & 1000kVA NON MPS SOLE HU60	 MPS 315 & 630 HU61	 FEEDER TERMINATION ELBOW CONNECTOR HU62	 630A ELBOWS HU65	 200A ELBOWS HU66	 R W B DEAD END RECEPTACLES HU67
 NON MPS Tx CABLE GUARD HU68	 BREECH JOINT HU71	 SPURS STRAIGHT JOINT 35 X 1C HU72	 SPUDS Tx BASE HU75	 MPS / NON MPS CULVERT-BASE HU76	 SPUDS Tx ARRESTER ELBOW HU77	 SWITCH DISCONNECTOR HU78
 FUSE SWITCH HU79	 OUTDOOR SWITCHGEAR 2+3 5WAY HU80	 OUTDOOR SWITCHGEAR 3+2 5WAY HU81	 Tx. 63kVA 3PH 6 BUSHING HU82	 HV METER UNIT HU84	 50 1C XLPE HU85	 RM6 BUS DISCONNECTOR HU86

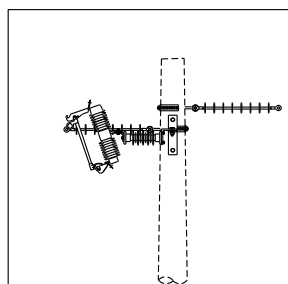
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						TITLE			DRAWN: JRR		DATE: 01-04-2014		DRG. No.	
R	30.08.22	HU17 DELETED				CO	NMc	GS	ORIGINATED:		SCALE: NTS		HU INDEX	
Q	27.10.21	HU63 & HU64 DELETED AND REARRANGED				CO	REE	GS						
P	01.03.18	ITEM HU13 & 14 DELETED AND REARRANGED				JC	REE	GS						
Q	24.07.15	ITEM HU3 REVISED						GS	CHECKED: REE					
REV	DATE	DESCRIPTION				ORGO	CHKO	JAPRO	APPROVED:		GRANT STACY		REV.	SHT. 1/2

HU COMPATIBLE UNITS

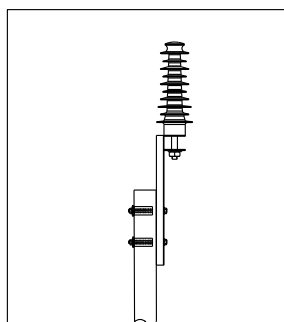
[illegible]



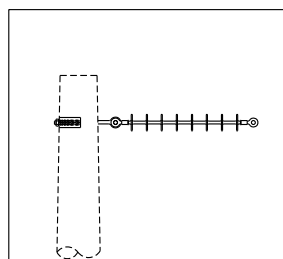
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REV.	DATE	DESCRIPTION	ORGD.	CHKD.	APRD.	TITLE	DRAWN: JRR	DATE: 11-04-2014	DRG. No.	HV INDEX
G	14.11.24	DWG. HV14 & HV15 DELETED	CO	LT	CO	HV COMPATIBLE UNITS	ORIGINATED:	SCALE: NTS		
F	03.09.15	DWG. HV14 & HV15 ADDED	JC	REE	GS		CHECKED: REE			
E	22.12.14	FORMAT CHANGED	JC	REE	GS		APPROVED: GRANT STACY			
D	09.10.13	ORIGINAL ISSUE								



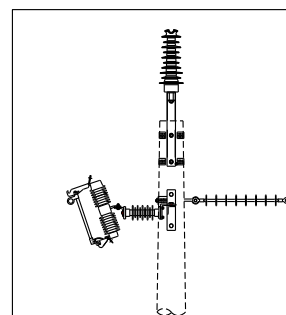
INLINE STRAIN WITH DOF
HV 27



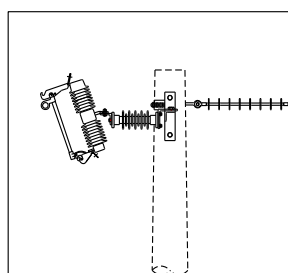
INTERMEDIATE
HV 29



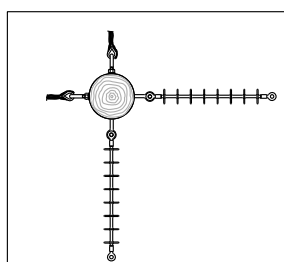
RUNNING ANGLE
HV 30



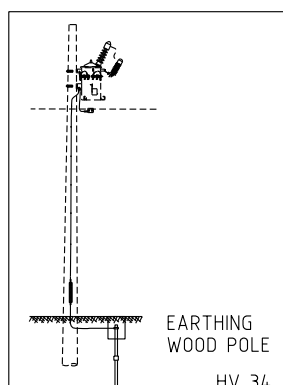
SLACK STRAIN WITH DOF
HV 31



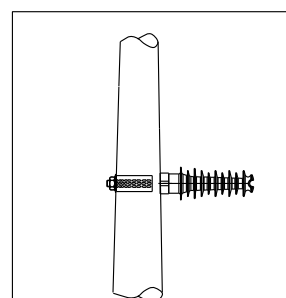
TERMINATION WITH DOF
HV 32



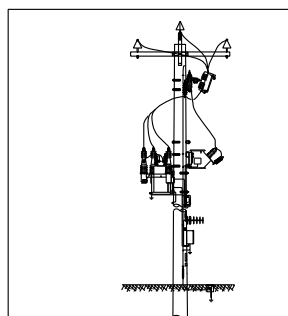
STRAIN ANGLE
HV 33



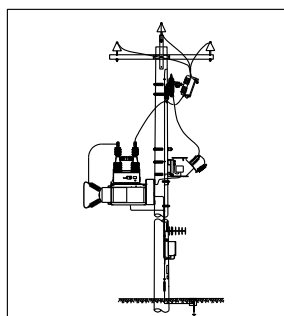
EARTHING
WOOD POLE
HV 34



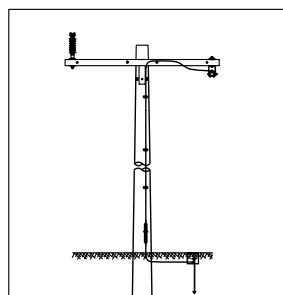
STAND OFF INSULATOR
HV 36



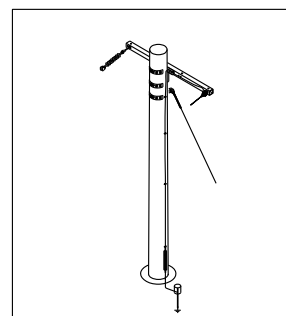
22kV POLE MOUNTED
CAP BANK WITH VT
HV 38



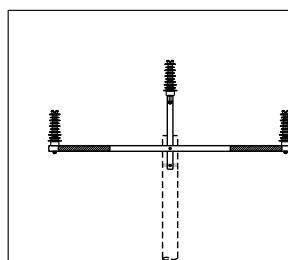
33kV POLE MOUNTED
CAP BANK WITH VT
HV 39



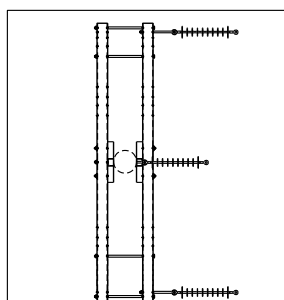
SINGLE PHASE ANTI CLASH/
ANTI GALAH INTERMEDIATE
HV41



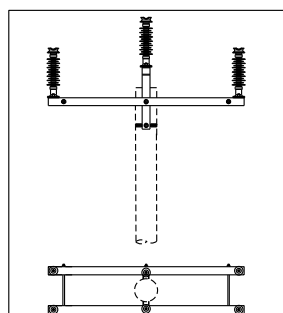
SINGLE PHASE ANTI CLASH
ANTI GALAH TERMINATION
HV42



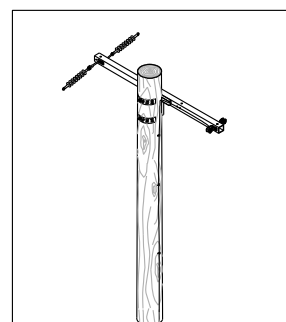
INTERMEDIATE
ANTI SWAN CROSS-ARM
HV43



HORIZONTAL TERMINATION
ANTI SWAN CROSSARM
HV44

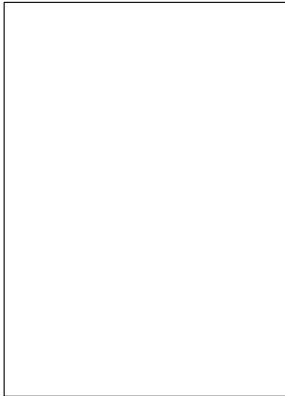
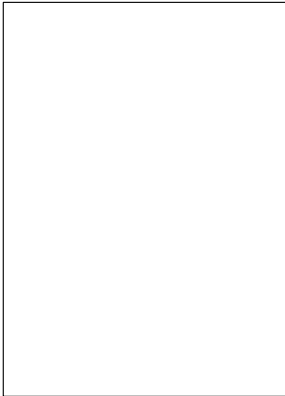
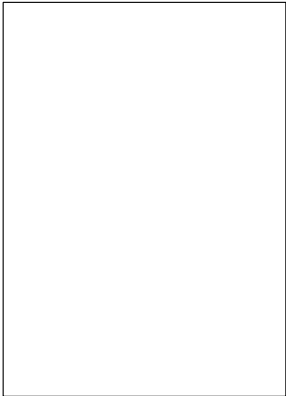
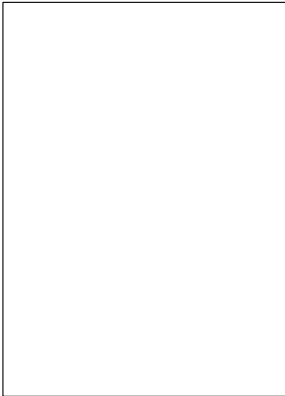
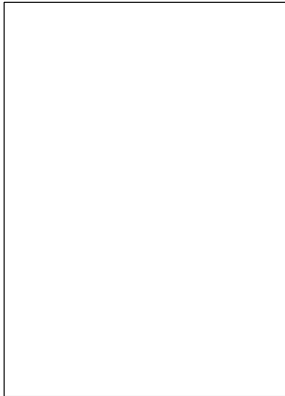
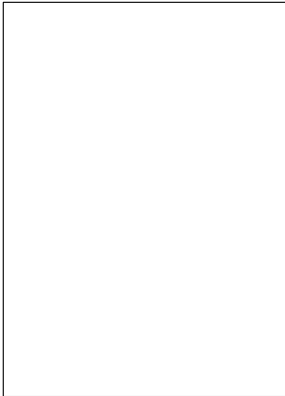
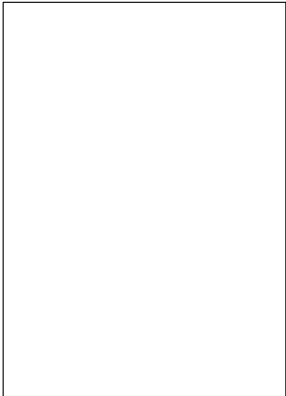
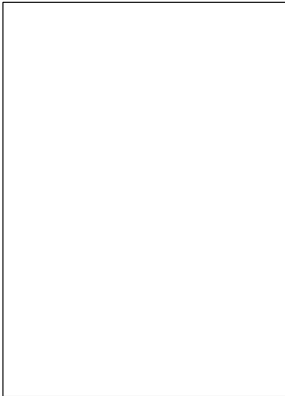
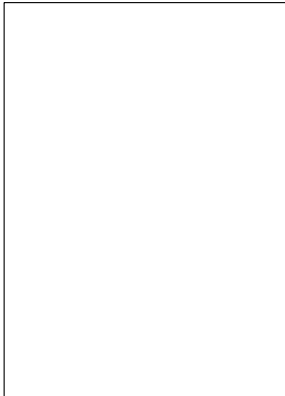
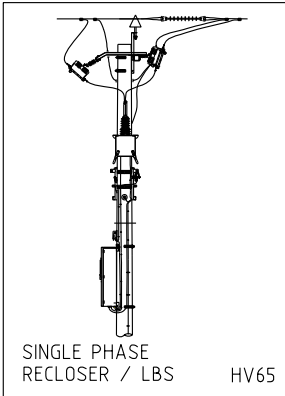
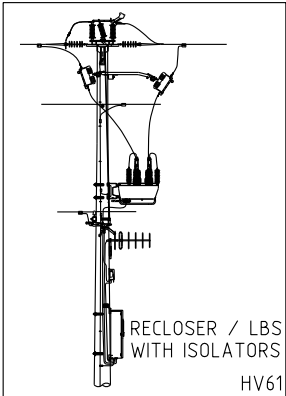
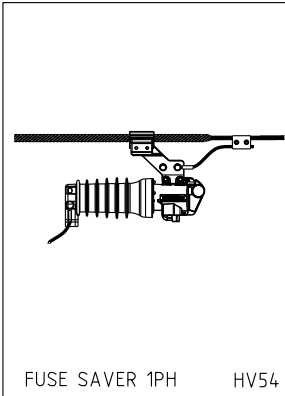
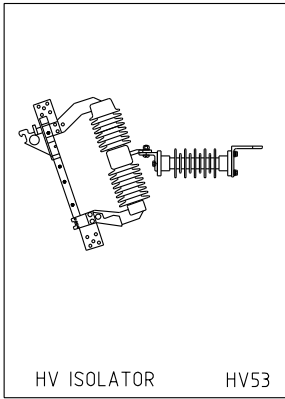
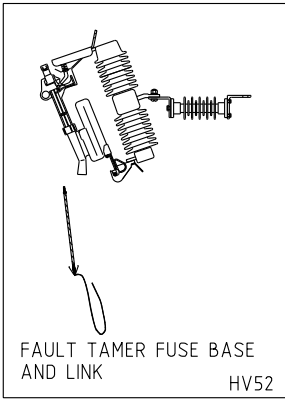
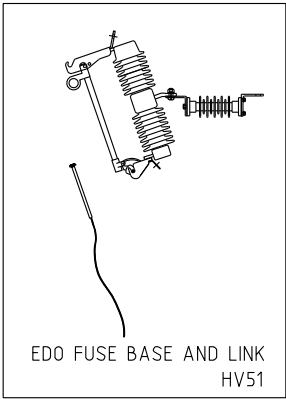
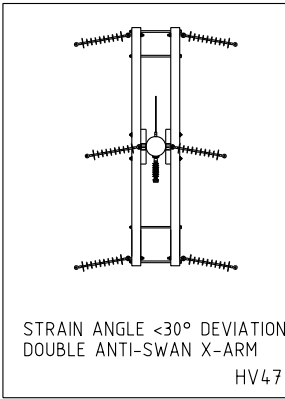


INTERM. DOUBLE CROSS-ARM
HV45



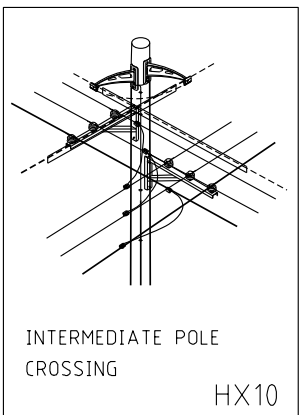
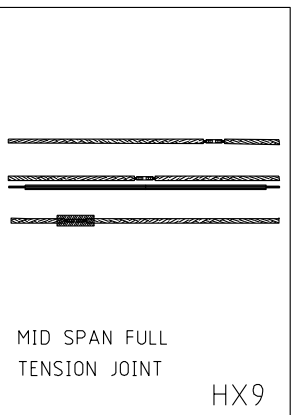
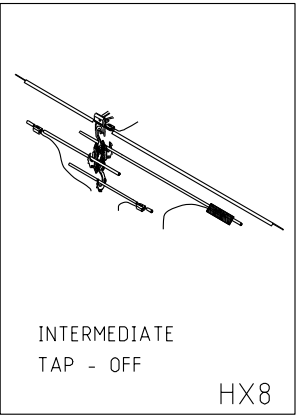
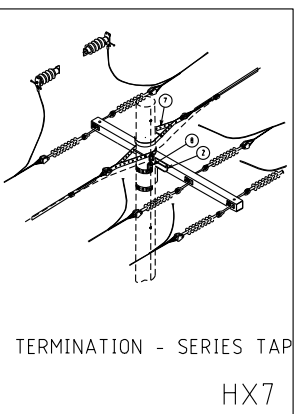
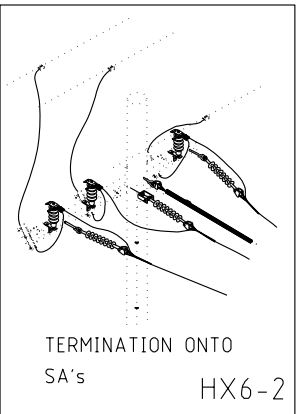
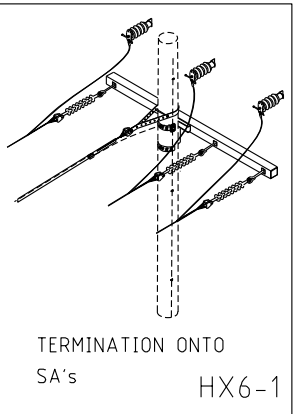
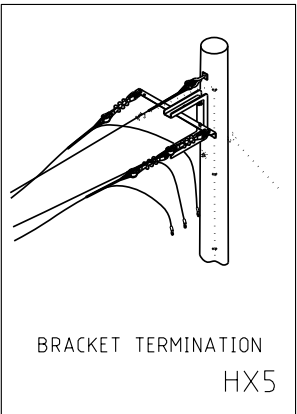
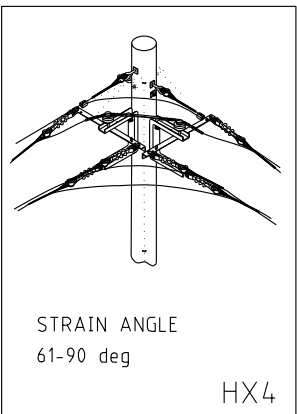
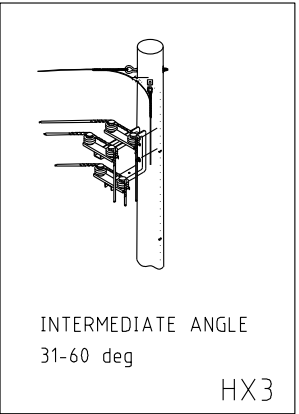
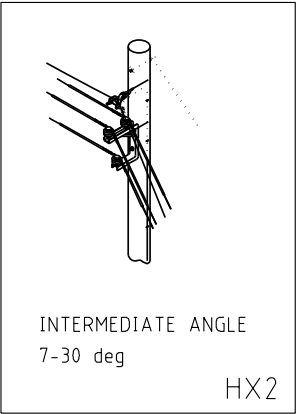
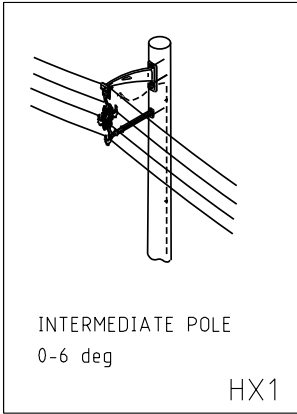
SINGLE PHASE ANTI CLASH
ANTI GALAH STRAIN
HV46


				COMPATIBLE UNIT				DISTRIBUTION DESIGN CATALOGUE		westernpower	
J	22.12.15	HV22 DELETED		REE	REE	GS	TITLE	DRAWN: JRR	DATE: 11-04-2014	ORG. No.	
H	03.09.15	HV35 DELETED		JC	REE	GS	HV COMPATIBLE UNITS	ORIGINATED:	SCALE: NTS	HV INDEX	
G	12.01.15	FORMAT CHANGED DRAWING HV35 ADDED & HV26 DELETED		JC	REE	GS		CHECKED: REE			
F	09.10.13	ORIGINAL ISSUE						APPROVED:	GRANT STACY	REV. J	SHT. 2/3
REV.	DATE	DESCRIPTION		ORGD.	CHKD.	APRD.					

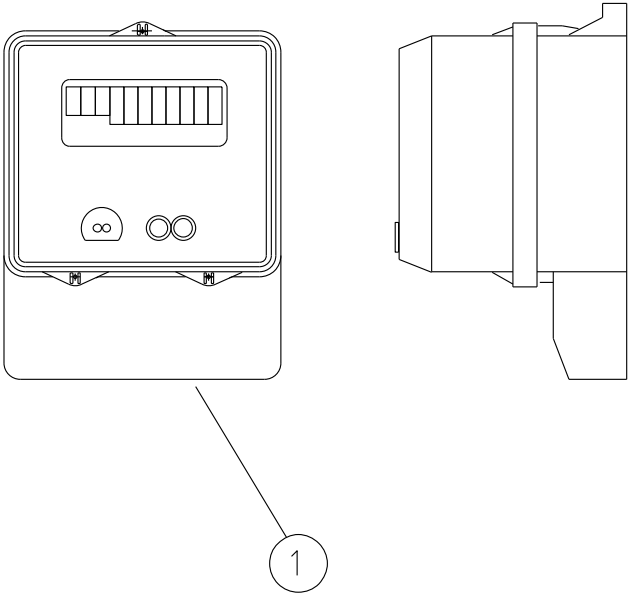



				COMPATIBLE UNIT			DISTRIBUTION DESIGN CATALOGUE			
H	15.05.16	HV50, HV60, HV62, HV63 & HV64 DELETED		NMc	CO	GS	DRAWN: JRR		DATE: 11-04-2014	
G	06.05.15	HV60, HV61, HV62 & HV65 ADDED		REE	REE	GS	ORIGINATED:		SCALE: NTS	
F	22.12.14	FORMAT CHANGED AND HV51 MOVED TO SHEET 2/3		JC	REE	GS	CHECKED: REE		HV INDEX	
E	09.10.13	ORIGINAL ISSUE					APPROVED:		REV. H	
REV.	DATE	DESCRIPTION		ORGD.	CHKD.	APRD.	GRANT STACY		SHT. 3/3	

HV COMPATIBLE UNITS

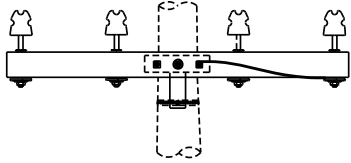


									COMPATIBLE UNIT				DISTRIBUTION DESIGN CATALOGUE					
									TITLE				DRAWN: JRR		DATE: 11-04-2014		DRG. No.	
													ORIGINATED:		SCALE: NTS		HX-INDEX	
B	01.07.16	FORMAT CHANGED						JC	REE	GS	CHECKED: REE		APPROVED:		REV. B	SHT.		
A	03.02.09	ORIGINAL ISSUE											GRANT STACY					
REV	DATE	DESCRIPTION						ORGO	CHKD	APRD								



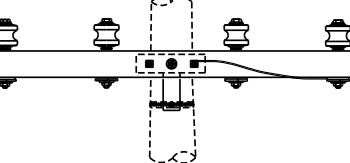
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								TITLE				DRAWN: JRR		DATE: 14-04-2014		DRG. No.	
												ORIGINATED:		SCALE: NTS		LM1	
B	29.08.14	FORMAT AND DRAWING NUMBER CHANGED					REE	GS	LV UNIVERSAL METER				CHECKED: REE				
A	15.05.02	ORIGINAL ISSUE											APPROVED:				GRANT STACY
REV	DATE	DESCRIPTION					ORGD	CHKD	APRD								

120-120/185/240 185-185 LU01	185-240 LU02	120-120 LU03	25/120-185 LU04	25/240 LU05	DIRECT CONNECT LU06	UNI PILLAR CONNECT LU07
25-25 LU08	CABLE TO LV ISOLATOR LU09	MINI PILLAR LU10	UNI PILLAR LU11	10/16 T JOINT LU12	10/16-10/16 LU13	LV TERM LU14
25/120, 25/185 & 25/240 LU15	TX LV CABLE TERMINATION LU16	240/240 & 185/240 LU19	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	400 AMP LU44	25 / LVABC LU50	25 / LV BARE LU51	LV SERVICE CABLE PIT LU52
240 PIL-240 XLPE LU53	150PIL - 25XLPE LU54	240PIL - 25 XLPE LU55	240 PIL-240 XLPE LU57	CONSAC WITH SERVICE 25/(120-240) LU58	TX. TO PILLAR LU61	LV LIVE END SEAL 50-240mm² LU62
TYPE 1.1 (PENDA) LU63	TYPE 2.1 1400A (PENDA) LU64	TYPE 3.1 2800A (PENDA) LU65	2000A SWITCH DISCONNECTOR LU66	1260A FUSED SWITCH DISCONNECTOR LU67	910A FUSED SWITCH DISCONNECTOR LU68	630A FUSED SWITCH DISCONNECTOR LU69
160A FUSED SWITCH DISCONNECTOR LU70	1000A SWITCH DISCONNECTOR LU71					
COMPATIBLE UNIT						
LU COMPATIBLE UNITS				DISTRIBUTION DESIGN CATALOGUE		
westernpower				westernpower		
DRAWN: JRR DATE: 15-04-2014				DRG. No.		
ORIGINATED: SCALE: NTS				LU INDEX		
CHECKED: REE				REV. K SHT.		
APPROVED: GRANT STACY						
REV	DATE	DESCRIPTION	ORGO	CHKD	JAPRD	
K	29.11.23	LU38 TO 40 AND LU45 - 49 DWG. & CU DESC. DELETED	TCM	SL	CO	
J	12.12.18	MULTIPLE UPDATES	CO	FK	GS	
H	30.10.18	LU08 & LU13 INDEX REVISED	CO	NMc	GS	
G	16.01.17	LU33 INDEX REVISED	CO	JC	GS	
F	30.06.15	ITEM LU62 ADDED	REE	REE	GS	



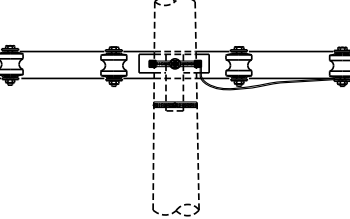
INTERMEDIATE

LV01



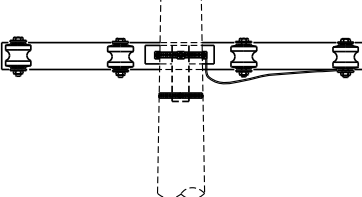
ANGLE 0° TO 20°

LV02



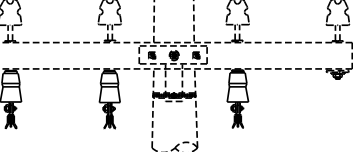
IN LINE STRAIN
21° TO 40°

LV03



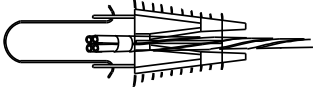
TERMINATION

LV05




LV ISOLATORS

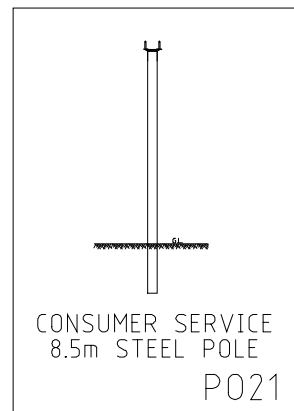
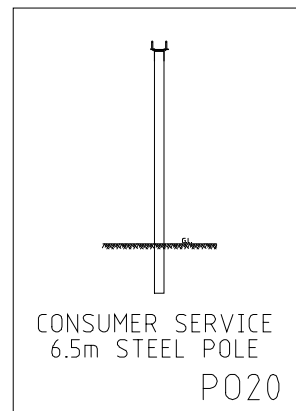
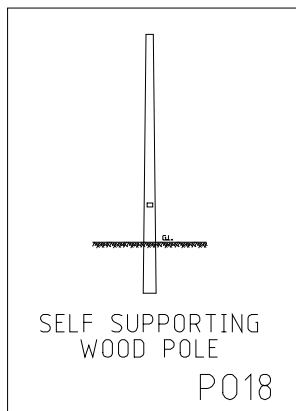
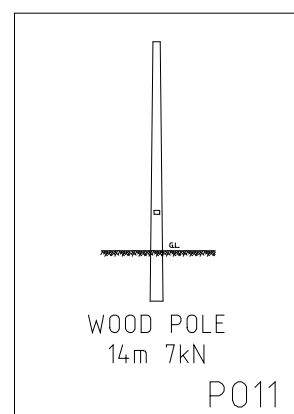
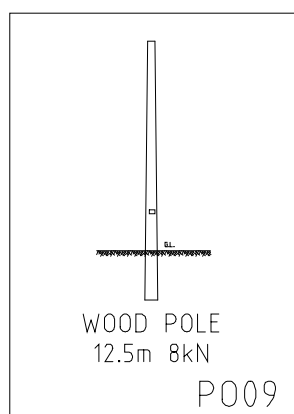
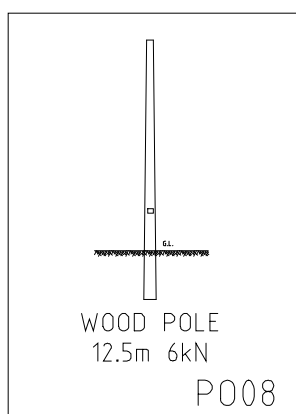
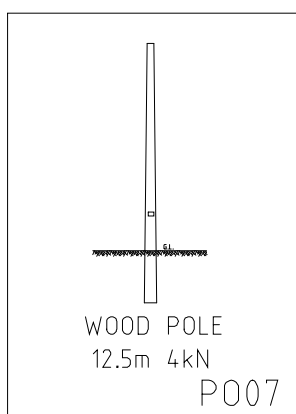
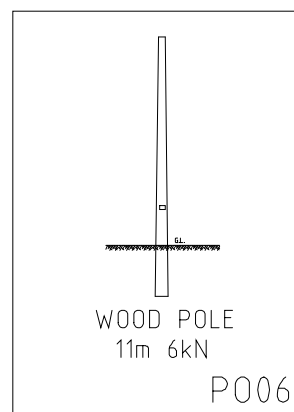
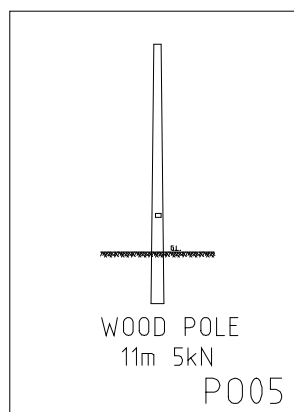
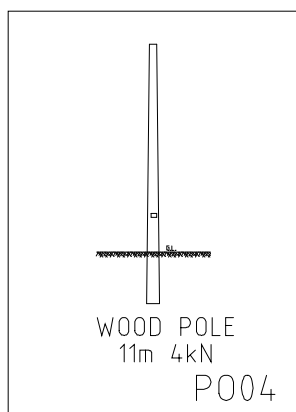
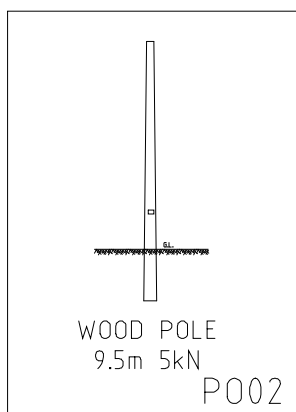
LV06




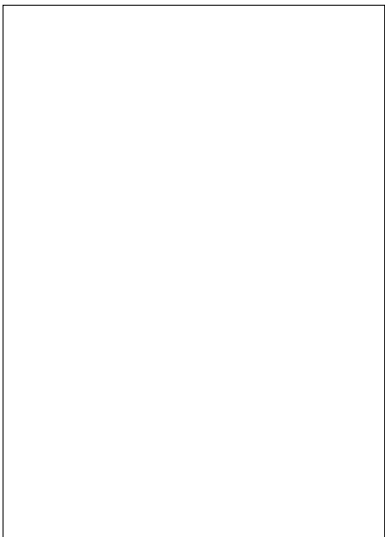
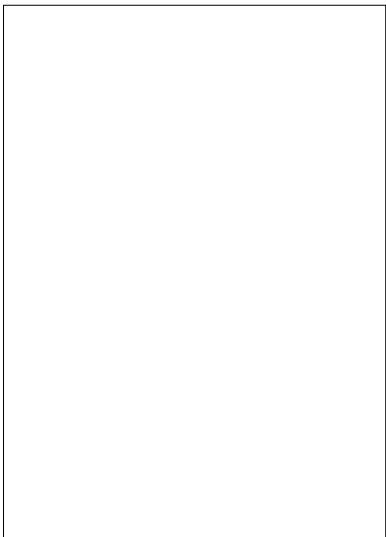
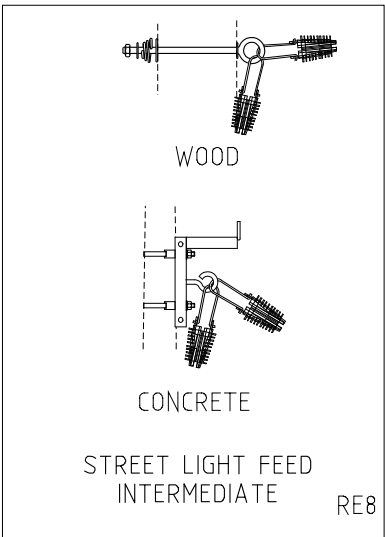
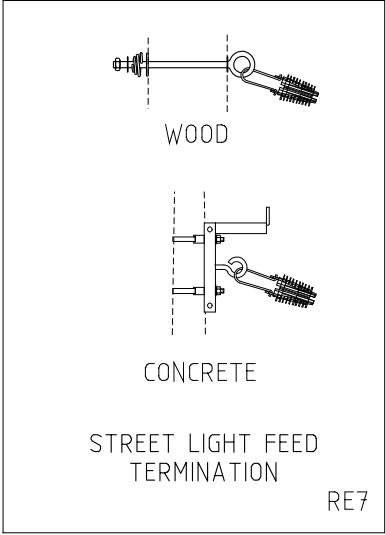
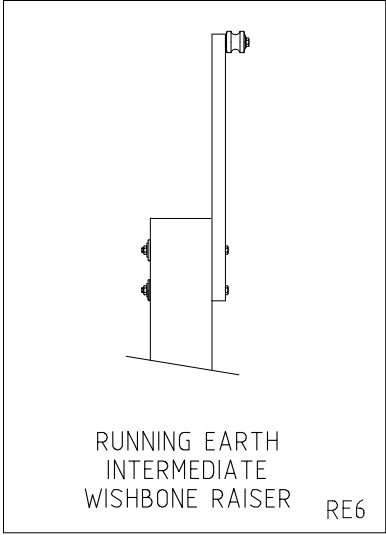
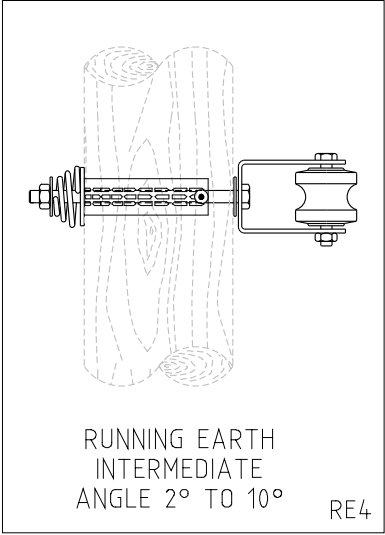
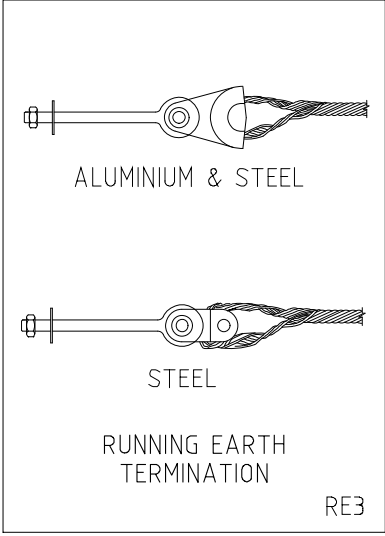
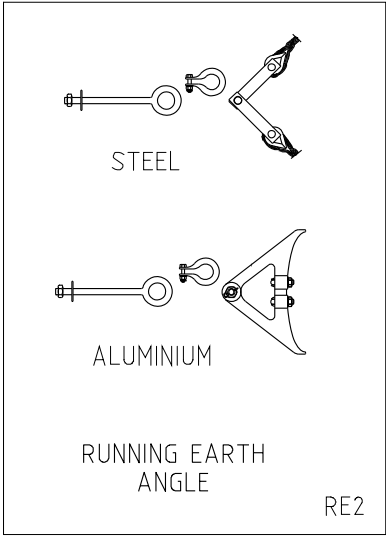
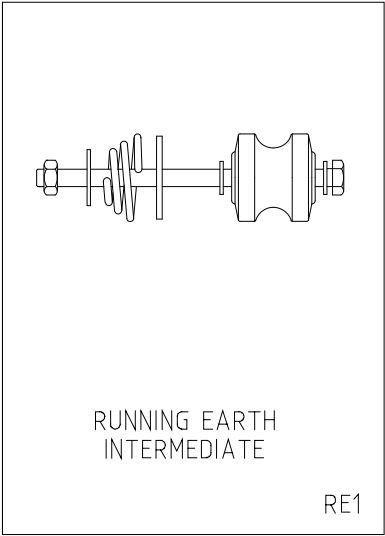
OVERHEAD SERVICE
SUPPLY FOR
BUILDER/CONSUMER


LV07 - LV08

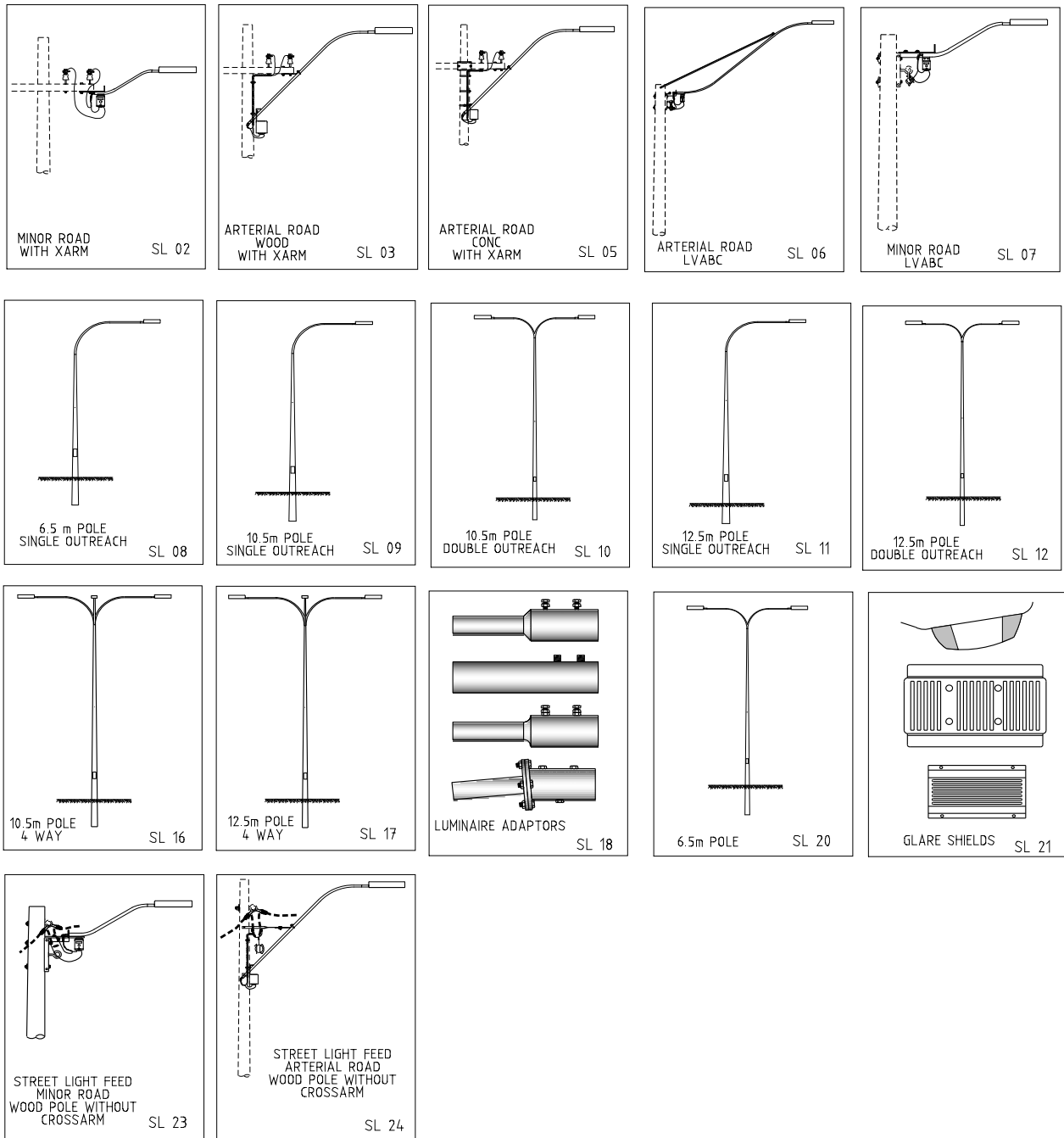
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								CHECKED: REE		LV INDEX	
B 16.01.15 FORMAT CHANGED AND LV03 TITLE REVISED				AK DYT GS				APPROVED: GRANT STACY		REV B SHY.	
A 17.04.03 ORIGINAL ISSUE				ORGO,CHKD,APRD							
REV DATE DESCRIPTION											




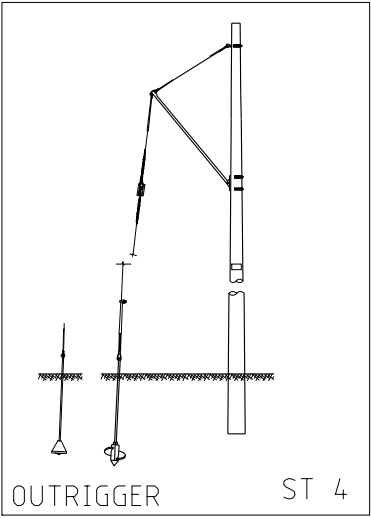
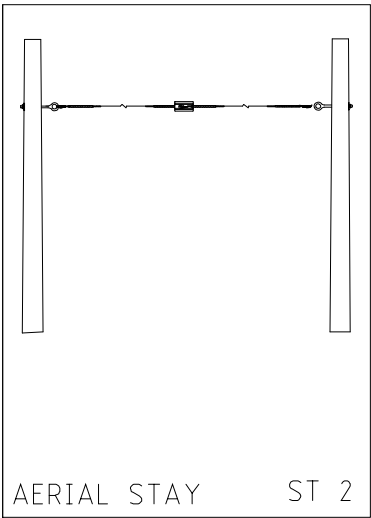
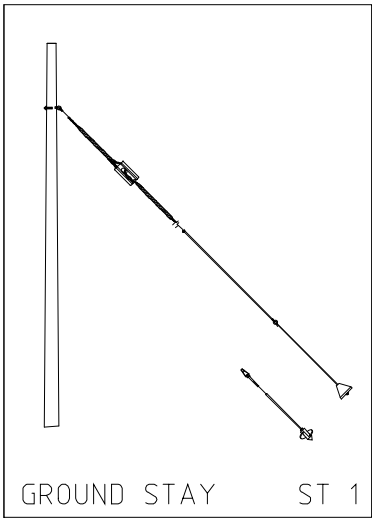
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D	15.02.16	CONSUMER SERVICE STEEL POLE ADDED			DVT	AK					GS	ORIGINATED: AK		SCALE: NTS		PO INDEX	
C	26.08.14	FORMAT CHANGED AND DRAWING REVISED			DVT	AK	GS	CHECKED: DVT		APPROVED: GRANT STACY		REV. D		SHT.			
B	03.09.12	ORIGINAL ISSUE															
REV	DATE	DESCRIPTION			DRGD	CHKD	APRD										




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							RE COMPATIBLE UNITS			CHECKED: REE							
										APPROVED:		GRANT STACY		REV. D		SHT.	
D	04.12.14	FORMAT CHANGED AND RE4 ADDED			JC	REE	GS										
C	27.09.13	ORIGINAL ISSUE															
R	No	DATE	DESCRIPTION			ORGD.	CHEO.	APRD									



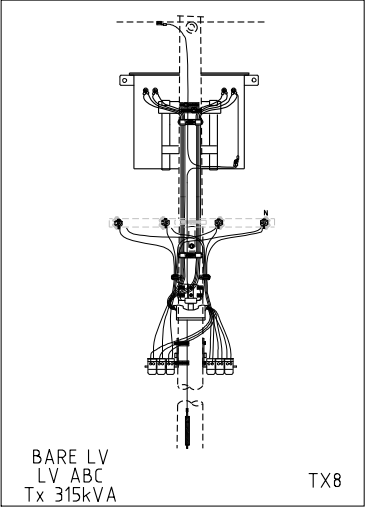
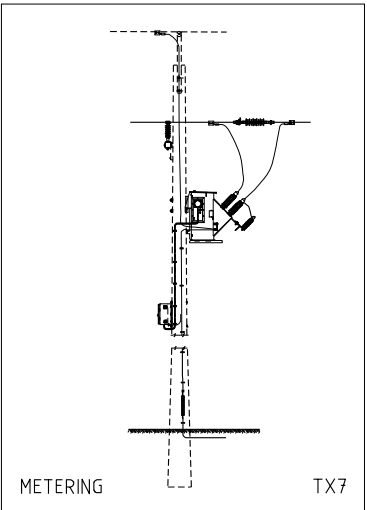
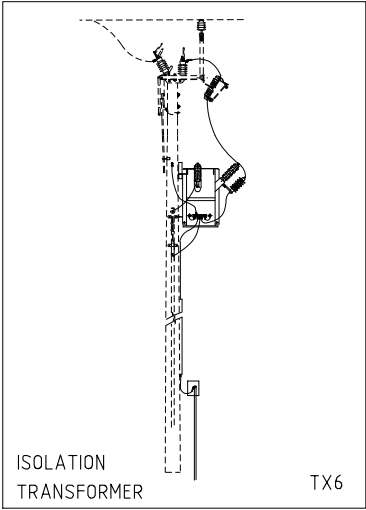
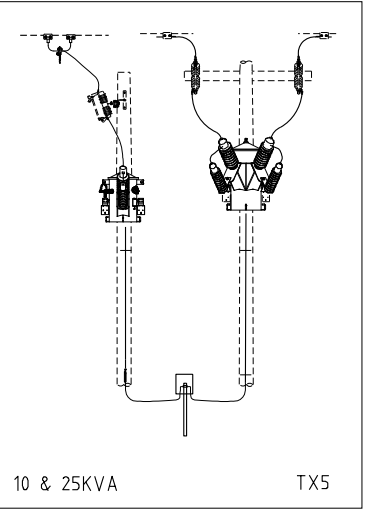
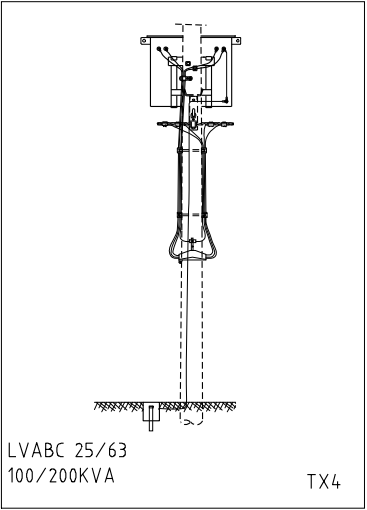
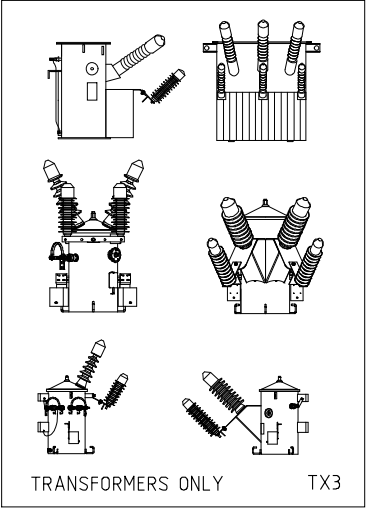
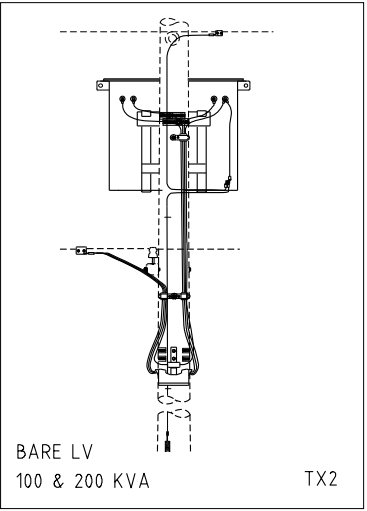
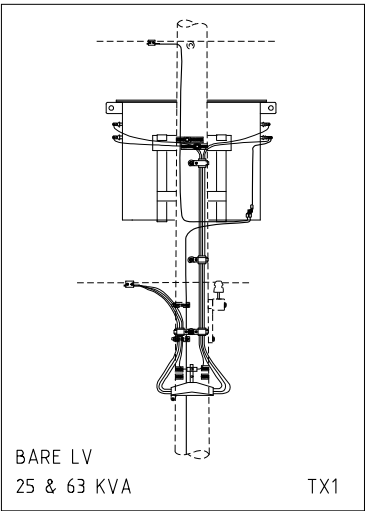
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K	22.06.20	REVISED TO SUIT					CO	REE	GS	SL LED COMPATIBLE UNITS				ORIGINATED:		SCALE: NTS		SL INDEX	
J	17.08.18	REVISED TO SUIT LED LUMINAIRE				REE	CO	GS	CHECKED: REE					APPROVED:					
H	13.06.13	ORIGINAL ISSUE									GRANT STACY				REV. K		SHT.		
REV	DATE	DESCRIPTION				ORGO	CHKD	APRD											




						COMPATIBLE UNIT				DISTRIBUTION DESIGN CATALOGUE					
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						ST COMPATIBLE UNITS				GRANT STACY		REV. C		SHT.	
C	16.06.15	FORMAT CHANGED & ST 5 & 6 DELETED				AT	REE	GS							
B	13.10.09	ORIGINAL ISSUE													
REV	DATE	DESCRIPTION				ORGO	CHKD	APRD							

ST COMPATIBLE UNITS

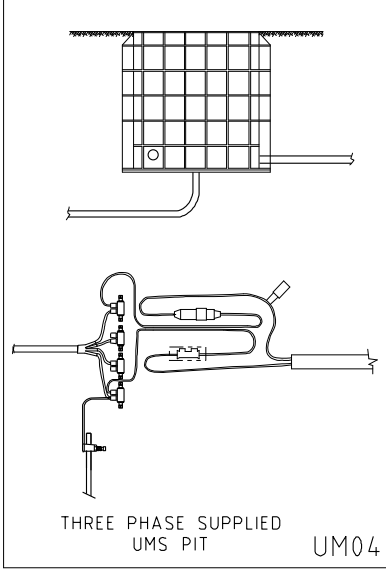
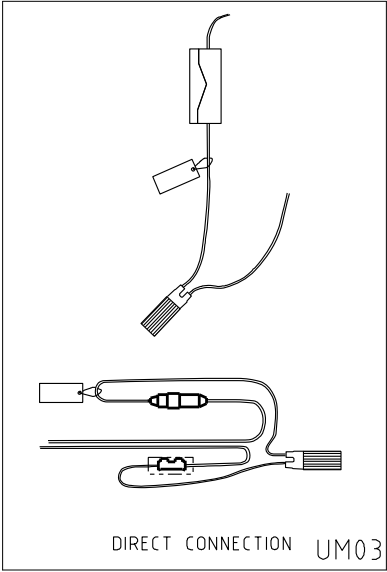
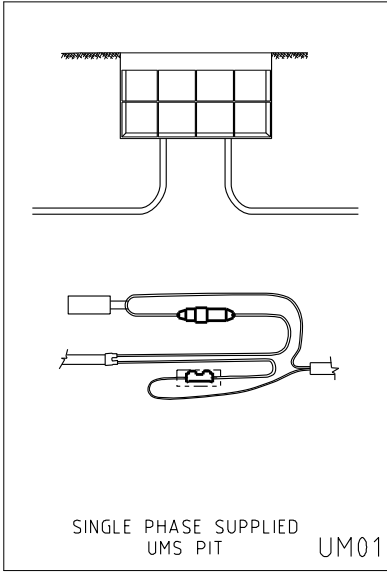
ST INDEX



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C	11.07.18	TRANSFORMER TYPE CHANGED															
B	16.10.14	FORMAT CHANGED		NMc	REE	GS											
A	28.04.09	ORIGINAL ISSUE		JC	REE	GS											
REV	DATE	DESCRIPTION		ORGO	CHKD	APRD											

Tx COMPATIBLE UNITS

Tx INDEX



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							APPROVED:		REV. F	
							GRANT STACY		SHT.	