

PUBLIC



Distribution Design Catalogue – Section 07: CN – Conductors and Fittings

Standard Number: HPC-1DC-07-0007-2014

Document Control		
Revision 12 Author	Name: Andrew Nguyen	
	Position: Standards Engineer	
Reviewed By	Name: Paul Savig	
	Position: Senior Standards & Plant Engineer	
Endorsed By	Name: Johnathan Choi	
	Position: Standards & Plant Manager	
Approved By *	Name: Victor Cheng	
	Position: Senior Manager Engineering & Project Services	
Date Created/Last Updated	2 nd May 2024	
Review Frequency **	Annually	
Next Review Date **	2 nd May 2025	

* 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
12	2/05/2024	Updated Compatible units

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

PUBLIC

DECORATIVE MATERIALS LIST

CU	CU DESCRIPTION
CN1_7/250	Termination – AAC & AAAC_7/2.50
CN1_7/475	Termination – AAC & AAAC_7/4.75
CN1_19/325	Termination – AAC & AAAC_19/3.25
CN1_7/300	Termination – AAC & AAAC_7/3.00
CN1_7/375	Termination – AAC & AAAC_7/3.75
CN1_7/450	Termination – AAC & AAAC_7/4.50
CN1_SCAC	Termination – SCAC
CN4_3/275	Termination – SCGZ_3/2.75
CN4_7/160	Termination – SCGZ_7/1.60
CN6_3/275	Angle assembly – SCGZ_3/2.75
CN6_3/275AC	Angle assembly – SCAC_3/2.75
CN6_7/160	Angle assembly – SCGZ_7/1.60
CN8_7/250	Angle clamp – AAC and AAAC_7/2.50
CN8_7/475	Angle clamp – AAC and AAAC_7/4.75
CN8_19/325	Angle clamp – AAC and AAAC_19/3.25
CN9_3/275	PG clamp SCGZ to SCGZ or SCAC
CN9_AL_AL	PG clamp aluminium to aluminium
CN9_AL_CU_S	PG clamp aluminium to copper_small_Bi-metal
CN9_AL_CU_L	PG clamp aluminium to copper_large_Bi-metal
CN9_CU	PG clamp copper to copper_250 amp max.
CN10_7/250	Lug bi-metal M10 hole_7/2.50
CN10_7/475	Lug bi-metal M10 hole_7/4.50 & 7/4.75 AAC/AAAC
CN10_19/325	Lug bi-metal M10 hole_19/3.25
CN11_7/250	Lug bi-metal M12 hole_7/2.50 AAC/AAAC
CN11_7/475	Lug bi-metal M12 hole_7/4.75 AAC/AAAC
CN11_19/325	Lug bi-metal M12 hole_19/3.25 AAC/AAAC
CN11_7/300	Lug bi-metal M12 hole_7/3.00 AAC/AAAC
CN11_7/375	Lug bi-metal M12 hole_7/3.75 AAC/AAAC
CN11_95	Lug bi-metal M12 hole_95 LV ABC
CN11_150	Lug bi-metal M12 hole_150 LV ABC
CN13_7/250AA	Helical termination AAC & AAAC_7/2.50
CN13_7/475AA	Helical termination AAC & AAAC_7/4.75
CN13_19/325A	Helical termination AAC & AAAC_19/3.25
CN13_7/160GZ	Helical termination SCGZ_7/1.60
CN13_3/275GZ	Helical termination SCGZ_3/2.75
CN13_3/275AC	Helical termination SCAC_3/2.75
CN13_7/160CU	Helical termination copper_7/1.60
CN13_7/200CU	Helical termination copper_7/2.00
CN13_7/275CU	Helical termination copper_7/2.75

PUBLIC




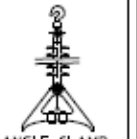


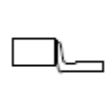

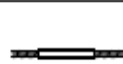

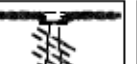
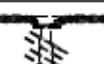


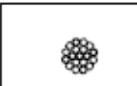

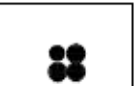
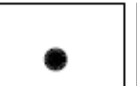




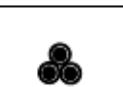
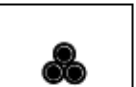
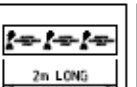
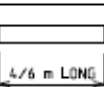
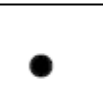


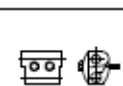

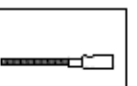
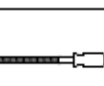
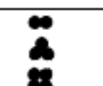
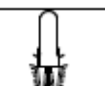
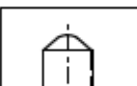
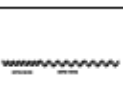
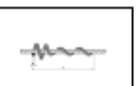
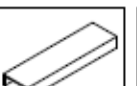


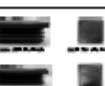


CU	CU DESCRIPTION
CN13_7/300AA	Helical termination AAC and AAAC_7/3.00
CN13_7/375AA	Helical termination AAC and AAAC_7/3.75
CN13_7/450AA	Helical termination AAC and AAAC_7/4.50
CN17_7/250	Full tension comp joint AAC/AAAC_7/2.50
CN17_7/475	Full tension comp joint AAC/AAAC_7/4.75
CN17_19/325	Full tension comp joint AAC/AAAC_19/3.25
CN17_7/300	Full tension comp joint AAC/AAAC_7/3.00
CN17_7/375	Full tension comp joint AAC/AAAC_7/3.75
CN17_3/275	Full tension helical midspan join SCAC_3/2.75
CN18_7/250AA	Armour rods AAC & AAAC_7/2.50
CN18_7/375AA	Armour rods AAC & AAAC_7/3.75 & ACSR 6/1/3.75
CN18_7/475AA	Armour rods AAC & AAAC_7/4.75
CN18_19/325A	Armour rods AAC & AAAC_19/3.25
CN18_7/300	Armour rods for AA & AAA 7/3.00 & 6/1/3.00 ACSR
CN18_7/160	Armour rods for SCGZ_7/1.60
CN18_3/275GZ	Armour rods SCGZ_3/2.75
CN18_3/275AC	Armour rods SCAC_3/2.75
CN26_AL_TIE	Ties HV / LV AAC & AAAC
CN27_3/275	TIE 3/2.75_STEEL
CN27_CULV	TIE LV_COPPER
CN27_CUHV	TIE HV_COPPER
CN27_7/160	TIE 7/1.60_STEEL_SIDE
CN27_SCGZ T	TIE 3/2.75_STEEL_TOP
CN30_7/2.50	Stirrup live line clamp_7/2.50
CN30_7/4.75	Stirrup live line clamp_7/4.75
CN30_19/3.25	Stirrup live line clamp_19/3.25
CN30_7/16	Stirrup live line clamp_7/16 SCGZ
CN30_3/2.75	Stirrup live line clamp_3/275 SCGZ/SCAC
CN35_10	Pole mounted LV fuse holder with 10 amp fuse
CN35_10SL	Pole mounted LV street light fuse holder with 10 amp
CN35_30	Pole mounted LV fuse holder with 30 amp fuse
CN35_50	Pole mounted LV fuse holder with 50 amp fuse
CN35_60	Pole mounted LV fuse holder with 60 amp fuse
CN35_80	Pole mounted LV fuse holder with 80 amp fuse
CN35_100	Pole mounted LV fuse holder with 100 amp fuse
CN36_7/475	Conductor AAAC 7/4.75
CN36_19/325	Conductor AAAC 19/3.25
CN37_3/275	Conductor SCAC 3/2.75
CN38_95	Conductor LVABC 95
CN38_150	Conductor LVABC 150
CN41_TERMITE	Cable 0.6/1kV 1c x 16sqmm Cu XLPE streetlight - DBT

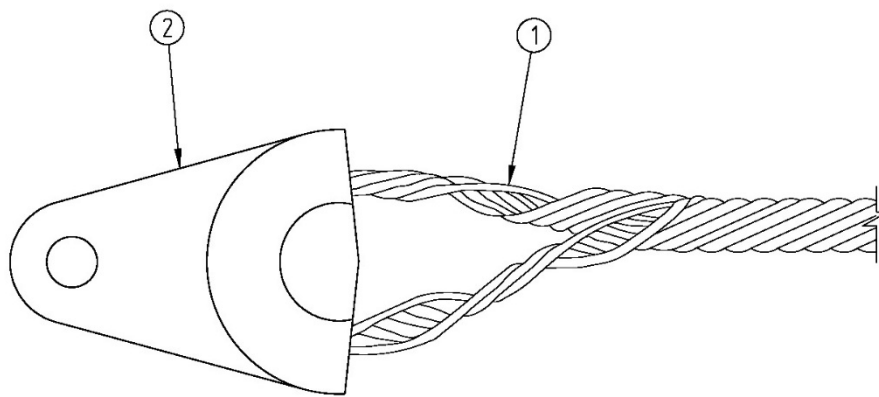
PUBLIC

CU	CU DESCRIPTION
CN42_TERM	Cable 0.6/1kV 3c x 25sqmm Cu XLPE - DBT
CN45_TERMITE	Cable 0.6/1kV 3c x 240sqmm Al XLPE- Termicide protection
CN46_TERM	Cable 12.7/22kV 3x1c 35sqmm Al TR-XLPE- Termicide protection
CN48_TERM	Cable 12.7/22kV 3x1c 185sqmm Stranded Al TR- XLPE- Termicide protection
CN48_33	Cable 19.1/33kV 3x1c 185sqmm Stranded Al TR- XLPE- Termicide protection
CN51_1PHASE	Cable 19.1/33kV 1c 50sqmm Stranded Al TR-XLPE- DBT
CN51_3PHASE	Cable 19.1/33kV 3x1c 50sqmm Stranded Al TR-XLPE- Termicide protection
CN53_TERMITE	Cable 12.7/22kV 3x1c 400sqmm Stranded Al TR-XLPE- DBT
CN54_2M_SLAB	Cable protector plastic slabs 2.1 m long
CN56_25	Conduit 25 dia 4 m long
CN56_32	Conduit 32 dia 4 m long
CN56_50	Conduit 50 dia 4 m long
CN56_50GR	Conduit 50 dia 4 m long_Grey
CN56_80	Conduit 80 dia 4 m long
CN56_100	Conduit 100 dia 6 m long
CN56_125	Conduit 125 dia 6 m long
CN56_150	Conduit 150 dia 6m long
CN60	Cable – 400sqmm LV 0.6/1kV CU XLPE 1-core termite proof
CN61_125	Cable below warning tape 125 x 690 m roll
CN64_S	UG Cable Marker & Danger Label (1.3 m Post)
CN64_L	UG Cable Marker & Danger Label (1.6 m Post)
CN65_95/35	I.P.C LVABC to LVABC and service_95/35
CN65_95/95	I.P.C LVABC to LVABC and service_95/95
CN65_150/35	I.P.C LVABC to LVABC and service_150/35
CN65_150/150	I.P.C LVABC to LVABC and service_150/150
CN68_95/35	I.P.C LVABC to 2 service_95/35
CN68_150/35	I.P.C LVABC to 2 service_150/35
CN68_150/50	I.P.C LVABC to 4 service_150/35
CN69_95	Splice LVABC to bare copper_95
CN69_150	Splice LVABC to bare copper_150
CN70_95	Splice LVABC to bare aluminium_95
CN70_150	Splice LVABC to bare aluminium_150
CN71_2/6	Conductor twisted 2 core x 6 mm
CN71_3/6	Conductor twisted 3 core x 6 mm
CN71_4/6	Conductor twisted 4 core x 6 mm
CN71_2/16	Conductor twisted 2 core x 16 mm
CN71_4/16	Conductor twisted 4 core x 16 mm
CN72	Strain clamp – house service
CN73_SMALL	End cap heat shrink 60 mm
CN73_MEDIUM	End cap heat shrink 80 mm
CN73_LARGE	End cap heat shrink 110 mm

PUBLIC

CU	CU DESCRIPTION
CN73_SL	End cap heat shrink 10/16 SL cable
CN73_LV25	End cap heat shrink 25 LV cable
CN74_3/275	Vibration damper for 3/2.75 (SCAC and SCGZ)
CN74_6/1/250	Vibration damper for 6/1/2.50 ACSR/AZ
CN74_6/1/300	Vibration damper for 6/1/3.00 ACSR/AZ
CN74_6/475	Vibration damper for 6/4.75 – 7/1.60 ACSR/AZ
CN74_7/250	Vibration damper for 7/2.50 AAC/AAAC
CN74_7/475	Vibration damper for 7/4.75 AAC/AAAC
CN74_19/375	Vibration damper for 19/3.75 AAC/AAAC
CN79_3/275	Bird Diverter for 3/2.75 (SCAC and SCGZ)
CN79_19/325	Bird Diverter for 19/3.25 (AAC/AAAC)
CN79_7/250	Bird Diverter for 7/2.50 (AAC/AAAC)
CN79_7/375	Bird Diverter for 7/3.75 (AAC/AAAC)
CN79_7/475	Bird Diverter for 7/4.75 (AAC/AAAC)
CN80	Crossarm Cover 100mm
CN81	Bird Spikes
CN82	Tie Wire 2m
CN83	Crossarm End Caps
CN84	High Voltage Insulator Cover

 TERMINATION AAC/AAAC & SCAC CN 1	 TERMINATION SCGZ CN 4	 ANGLE ASSEMBLY SCGZ & SCAC CN 6	 ANGLE CLAMP AAC & AAAC CN 8	 PG CLAMP CN 9	 LUG B1 METAL M10 HOLE CN 10	 LUG B3 METAL M12 HOLE CN 11
 HELICAL TERMINATION CN 13	 FULL TENSION JOINT AAC/AAAC COPPER CN 17	 ARMOUR RODS CN 18	 TIES - HV/LV AAC/AAAC CN 26	 TIES STEEL & COPPER CN 27	 STIRRUP LIVE LINE CLAMP CN 30	 LV FUSE HOLDER CN 35
 CONDUCTOR AAAC CN 36	 CONDUCTOR SCAC CN 37	 CONDUCTOR LVABC 95/150 CN 38	 CABLE 16 SL CN 41	 CABLE 25 LV CN 42	 CABLE 240 LV CN 45	 CABLE 35 3x1C HV CN 46
 CABLE 185 3x1C HV CN 48	 CABLE 50 3x1C HV CN 51	 CABLE 400 3x1C HV CN 53	 2m LONG PLASTIC SLABS CN 54	 4/6 m LONG CONDUIT CN 56	 CABLE 400 1 x 1C LV CN 60	 CABLE BELOW WARNING TAPE CN 61
 U/G CABLE MARKER CN 64	 IPC CN 65	 IPC ABC 2 SERVICE CN 68	 SPLICE ABC TO COPPER CN 69	 SPLICE ABC TO ALUMIN CN 70	 CONDUCTOR SERVICE 6/16mm CN 71	 STRAIN CLAMP SERVICE CN 72
 CABLE END CAPS CN 73	 VIBRATION DAMPER CN 74	 BIRD DIVERTERS CN 79	 CROSSARM COVER CN 80	 BIRD SPIKE CN 81	 TIE WIRE - 2m CN 82	 CN 83
 CN 84						
 HORIZON POWER DISTRIBUTION DESIGN CATALOGUE OPERATIONS DIVISION	COMPATIBLE UNIT				REVISION 13	DATE 2/5/2024
	CN COMPATIBLE UNITS				DRAWING No. CN INDEX	



HORIZON POWER DISTRIBUTION DESIGN CATALOGUE OPERATIONS DIVISION	COMPATIBLE UNIT	REVISION 1	DATE 15/11/13
	TERMINATION AAC/AAAC/SCAC	DRAWING No. CN1	

PUBLIC

CU	CU DESCRIPTION
CN1_7/250	Termination – AAC & AAAC_7/2.50

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CF0752	Helical grip	1	ea	
2	CT0011	Clevis thimble	1	ea	

CU	CU DESCRIPTION
CN1_7/475	Termination – AAC & AAAC_7/4.75

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CF0757	Helical grip	1	ea	
2	CT0011	Clevis thimble	1	ea	

CU	CU DESCRIPTION
CN1_19/325	Termination – AAC & AAAC_19/3.25

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CF0758	Helical grip	1	ea	
2	CT0011	Clevis thimble	1	ea	

CU	CU DESCRIPTION
CN1_7/300	Termination – AAC & AAAC_7/3.00

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CF0520	Helical grip	1	ea	
2	CT0011	Clevis thimble	1	ea	

PUBLIC

CU	CU DESCRIPTION
CN1_7/375	Termination – AAC & AAAC_7/3.75

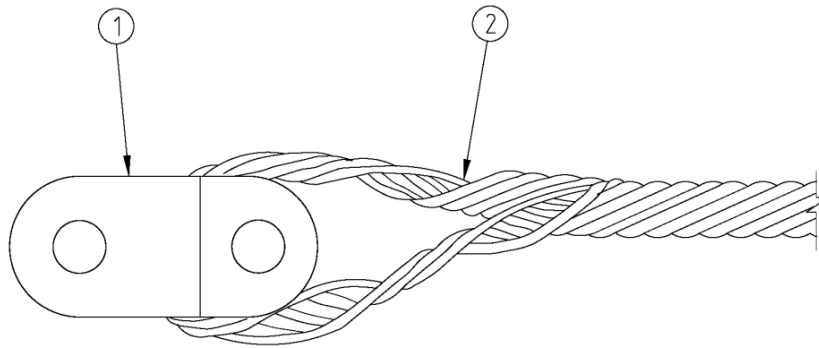
ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CF0522	Helical grip	1	ea	
2	CT0011	Clevis thimble	1	ea	

CU	CU DESCRIPTION
CN1_7/450	Termination – AAC & AAAC_7/4.50

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CF0524	Helical grip	1	ea	
2	CT0011	Clevis thimble	1	ea	

CU	CU DESCRIPTION
CN1_SCAC	Termination – SCAC

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CF0700	Helical grip	1	ea	
2	CT0011	Clevis thimble	1	ea	



HORIZON POWER DISTRIBUTION DESIGN CATALOGUE OPERATIONS DIVISION	COMPATIBLE UNIT	REVISION 1	DATE 15/11/13
	TERMINATION SCGZ CONDUCTOR	DRAWING No. CN4	

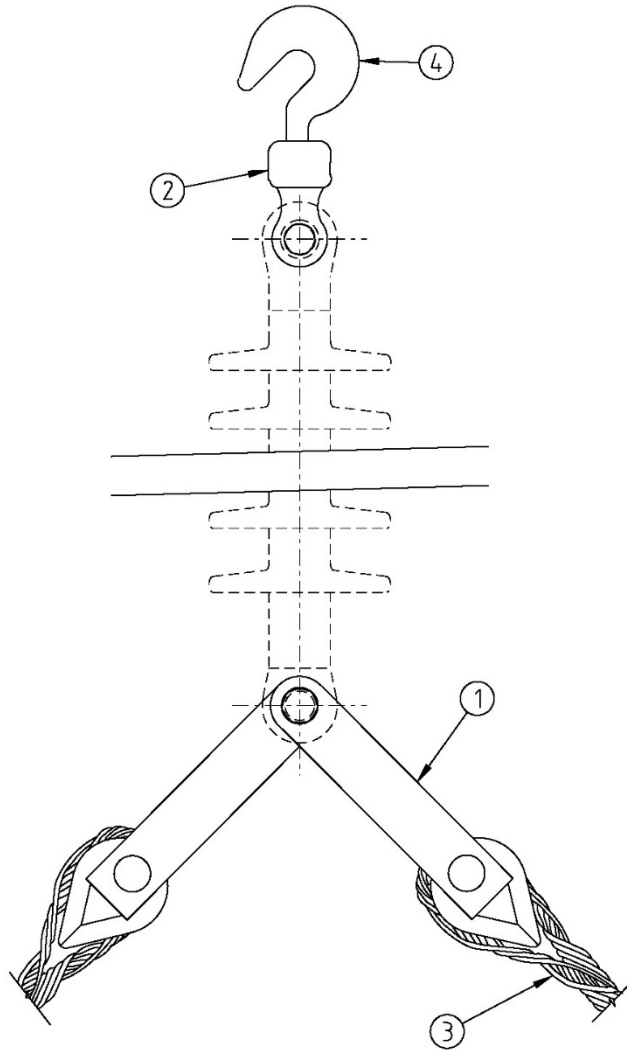
PUBLIC

CU	CU DESCRIPTION
CN4_3/275	Termination-SCGZ_3/2.75

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CT0037	Clevis thimble	1	ea	
2	CF0661	Helical termination	1	ea	

CU	CU DESCRIPTION
CN4_7/160	Termination-SCGZ_7/1.60

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CT0037	Clevis thimble	1	ea	
2	CF0669	Helical termination	1	ea	



HORIZON POWER DISTRIBUTION DESIGN CATALOGUE OPERATIONS DIVISION	COMPATIBLE UNIT	REVISION 1	DATE 15/11/13
	ANGLE ASSEMBLY SC/GZ AND SC/AC CONDUCTORS	DRAWING No. CN6	

PUBLIC

CU	CU DESCRIPTION
CN6_3/275	Angle assembly – SCGZ_3/2.75

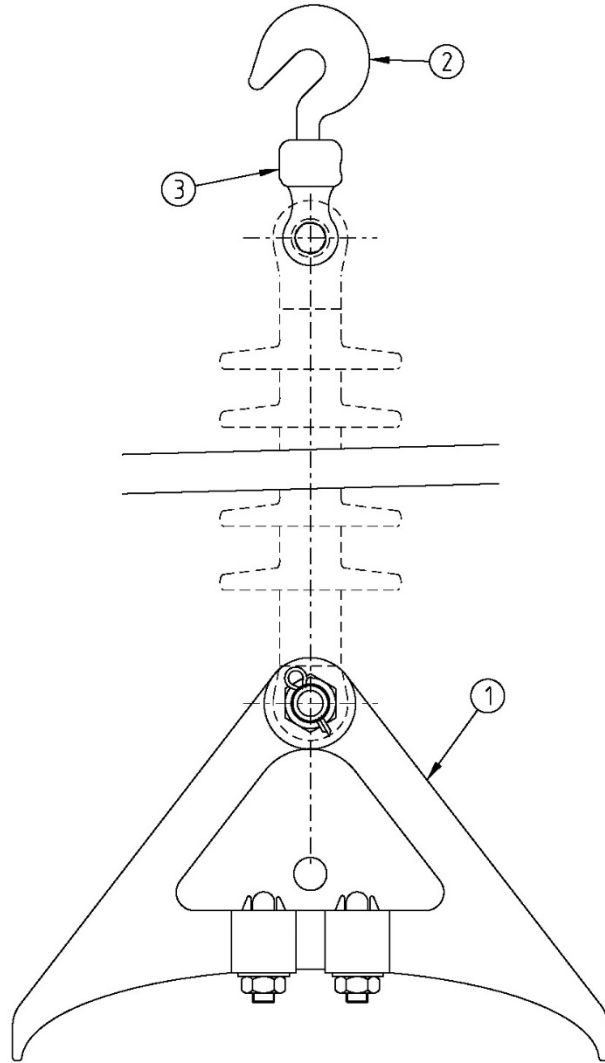
ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CA0055	Mounting bracket	1	ea	
2	CS0068	Socket tongue	1	ea	
3	CF0661	Helical termination	2	ea	
4	CB0017	Ball hook	1	ea	

CU	CU DESCRIPTION
CN6_3/275AC	Angle assembly – SCAC_3/2.75

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CA0055	Mounting bracket	1	ea	
2	CS0068	Socket tongue	1	ea	
3	CF0700	Helical termination	2	ea	
4	CB0017	Ball hook	1	ea	

CU	CU DESCRIPTION
CN6_7/160	Angle assembly – SCGZ_7/1.60

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CA0055	Mounting bracket	1	ea	
2	CS0068	Socket tongue	1	ea	
3	CF0669	Helical termination	2	ea	
4	CB0017	Ball hook	1	ea	



HORIZON POWER DISTRIBUTION DESIGN CATALOGUE OPERATIONS DIVISION	COMPATIBLE UNIT	REVISION 1	DATE 15/11/13
	ANGLE CLAMP AAC & AAAC CONDUCTOR	DRAWING No. CN8	

PUBLIC

CU	CU DESCRIPTION
CN8_7/250	Angle clamp – AAC & AAAC 7/2.50

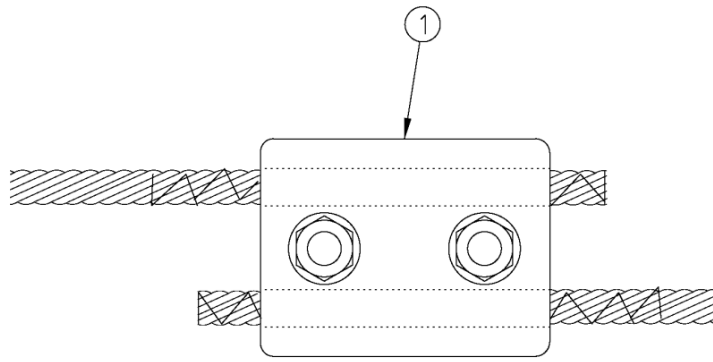
ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CC0167	Angle clamp	1	ea	
2	CB0017	Ball hook	1	ea	
3	CS0068	Socket tongue	1	ea	

CU	CU DESCRIPTION
CN8_7/475	Angle clamp – AAC & AAAC 7/4.75

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CC0166	Angle clamp	1	ea	
2	CB0017	Ball hook	1	ea	
3	CS0068	Socket tongue	1	ea	

CU	CU DESCRIPTION
CN8_19/325	Angle clamp – AAC & AAAC 19/3.25

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CC0166	Angle clamp	1	ea	
2	CB0017	Ball hook	1	ea	
3	CS0068	Socket tongue	1	ea	



HORIZON POWER DISTRIBUTION DESIGN CATALOGUE	COMPATIBLE UNIT	REVISION 1	DATE 15/11/13
	P.G. CLAMP	DRAWING No. CN9	
OPERATIONS DIVISION			

PUBLIC

CU	CU DESCRIPTION
CN9_3/275	PG clamp FEGZ to SCAC

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CC0224	Parallel grove clamp FEGZ to SCAC	1	ea	

CU	CU DESCRIPTION
CN9_AL_AL	PG clamp Aluminium to Aluminium

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CC0138	Parallel grove clamp Al to Al, 7/2.50; 19/3.25	1	ea	

CU	CU DESCRIPTION
CN9_AL_CU_S	PG clamp Aluminium to Copper_ Small_ Bi-metal

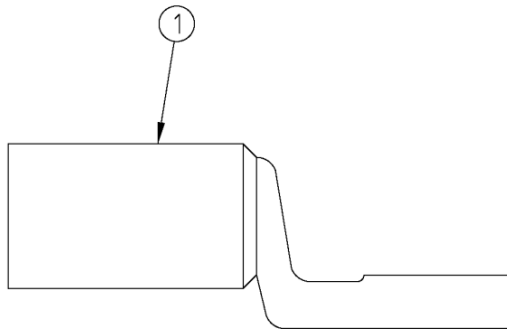
ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CC0125	Parallel grove clamp bi-metal Al to Cu, 3/2.75; 7/2.50	1	ea	

CU	CU DESCRIPTION
CN9_AL_CU_L	PG clamp Aluminium to Copper_ Large_ Bi-metal

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CC0120	Parallel grove clamp bi-metal Al to Cu, 7/4.75; 19/3.25	1	ea	

CU	CU DESCRIPTION
CN9_CU	PG clamp Copper to Copper

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CC0130	Parallel grove clamp Cu to Cu	1	ea	



HORIZON POWER DISTRIBUTION DESIGN CATALOGUE OPERATIONS DIVISION	COMPATIBLE UNIT	REVISION 1	DATE 15/11/13
	LUG BI-METAL, M10 HOLE	DRAWING No. CN10	

PUBLIC

CU	CU DESCRIPTION
CN10_7/250	Lug bi-metal M10 hole_7/2.50

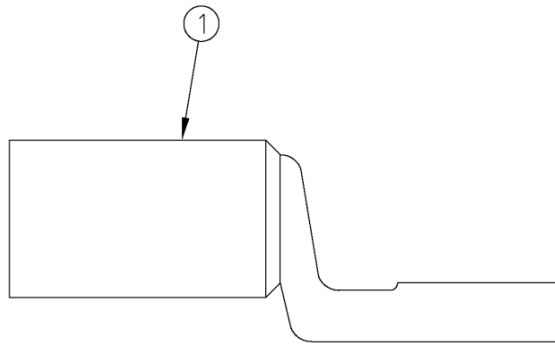
ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	FL7681	Lug, bi-metal M10	1	ea	

CU	CU DESCRIPTION
CN10_7/475	Lug bi-metal M10 hole_7/4.50 & 7/4.75 AAC/AAAC

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	FL7684	Lug, bi-metal M10	1	ea	

CU	CU DESCRIPTION
CN10_19/325	Lug bi-metal M10 hole_19/3.25

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	FL7685	Lug, bi-metal M10	1	ea	



HORIZON POWER DISTRIBUTION DESIGN CATALOGUE OPERATIONS DIVISION	COMPATIBLE UNIT	REVISION 1	DATE 15/11/13
	LUG BI-METAL, M12 HOLE	DRAWING No. CN11	

PUBLIC

CU	CU DESCRIPTION
CN11_7/250	Lug bi-metal M12 hole_7/2.50 AAC/AAAC

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	FL7686	Lug, bi-metal M12, 35 mm sq	1	ea	

CU	CU DESCRIPTION
CN11_7/475	Lug bi-metal M12 hole_7/450 & 7/4.75 AAC/AAAC

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	FL7689	Lug, bi-metal M12	1	ea	

CU	CU DESCRIPTION
CN11_19/325	Lug bi-metal M12 hole_19/3.25 AAC/AAAC

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	FL7690	Lug, bi-metal M12	1	ea	

CU	CU DESCRIPTION
CN11_7/300	Lug bi-metal M12 hole_7/3.00 AAC/AAAC

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	FL7687	Lug, bi-metal M12, 50 mm sq	1	ea	

CU	CU DESCRIPTION
CN11_7/375	Lug bi-metal M12 hole_7/3.75 AAC/AAAC

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	FL7688	Lug, bi-metal M12, 95 mm sq	1	ea	

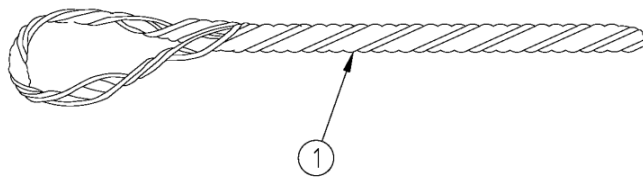
PUBLIC

CU	CU DESCRIPTION
CN11_95	Lug bi-metal M12 hole_95 LVABC

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	FL0401	Lug, bi-metal M12 95 ABC	1	ea	

CU	CU DESCRIPTION
CN11_150	Lug bi-metal M12 hole_150 LVABC

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	FL0402	Lug, bi-metal M12 150 ABC	1	ea	



HORIZON POWER DISTRIBUTION DESIGN CATALOGUE OPERATIONS DIVISION	COMPATIBLE UNIT	REVISION 1	DATE 15/11/13
	HELICAL TERMINATION	DRAWING No. CN13	

PUBLIC

CU	CU DESCRIPTION
CN13_7/250AA	Helical termination AAC & AAAC_7/2.50

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CF0752	Helical termination	1	ea	

CU	CU DESCRIPTION
CN13_7/475AA	Helical termination AAC & AAAC_7/4.75

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CF0757	Helical termination	1	ea	

CU	CU DESCRIPTION
CN13_19/325A	Helical termination AAC & AAAC_19/3.25

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CF0758	Helical termination	1	ea	

CU	CU DESCRIPTION
CN13_7/160GZ	Helical termination SCGZ_7/1.60

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CF0669	Helical termination	1	ea	

CU	CU DESCRIPTION
CN13_3/275GZ	Helical termination SCGZ_3/2.75

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CF0661	Helical termination	1	ea	

PUBLIC

CU	CU DESCRIPTION
CN13_3/275AC	Helical termination SCAC_3/2.75

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CF0700	Helical termination	1	ea	

CU	CU DESCRIPTION
CN13_7/160CU	Helical termination copper_7/1.60

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CF0551	Helical termination	1	ea	

CU	CU DESCRIPTION
CN13_7/200CU	Helical termination copper_7/2.00

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CF0553	Helical termination	1	ea	

CU	CU DESCRIPTION
CN13_7/275CU	Helical termination copper_7/2.75

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CF0554	Helical termination	1	ea	

CU	CU DESCRIPTION
CN13_7/300AA	Termination – AAC and AAAC_7/3.00

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CF0520	Helical termination	1	ea	

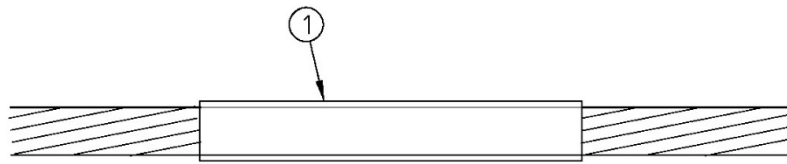
PUBLIC

CU	CU DESCRIPTION
CN13_7/375AA	Termination – AAC and AAAC_7/3.75

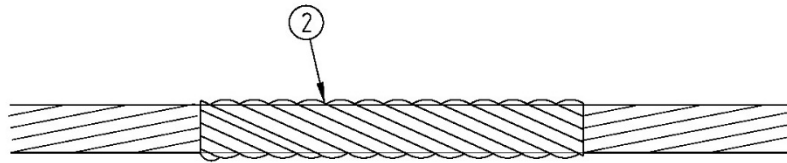
ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CF0522	Helical termination	1	ea	

CU	CU DESCRIPTION
CN13_7/450AA	Termination – AAC and AAAC_7/4.50

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CF0524	Helical termination	1	ea	



FULL TENSION COMPRESSION JOIN



MIDSPAN HELICAL JOIN

HORIZON POWER DISTRIBUTION DESIGN CATALOGUE OPERATIONS DIVISION	COMPATIBLE UNIT	REVISION 1	DATE 15/11/13
	FULL TENSION COMPRESSION & HELICAL JOINTS BARE AAC/AAAC & COPPER & SC/AC CONDUCTORS	DRAWING No. CN17	

PUBLIC

CU	CU DESCRIPTION
CN17_7/250	Full tension comp joint – AAC/AAAC_7/2.50

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CJ0600	Full tension sleeve AAC/AAAC_7/2.50	1	ea	

CU	CU DESCRIPTION
CN17_7/475	Full tension comp joint – AAC/AAAC_7/4.75

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CJ0208	Full tension sleeve AAC/AAAC_7/4.75	1	ea	

CU	CU DESCRIPTION
CN17_19/325	Full tension comp joint – AAC/AAAC_19/3.25

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CJ0591	Full tension sleeve AAC/AAAC_19/3.25	1	ea	

CU	CU DESCRIPTION
CN17_7/300	Full tension comp joint – AAC/AAAC_7/3.00

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CJ0593	Full tension sleeve AAC/AAAC_7/3.00	1	ea	

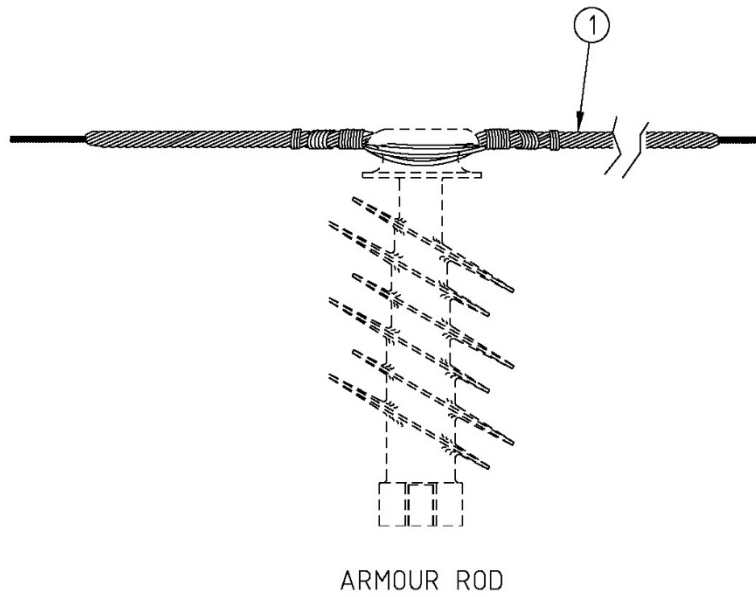
CU	CU DESCRIPTION
CN17_7/375	Full tension comp joint – AAC/AAAC_7/3.75

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CJ0583	Full tension sleeve AAC/AAAC_7/3.75	1	ea	

PUBLIC

CU	CU DESCRIPTION
CN17_3/275	Full tension helical midspan join – SC/AC_3/2.75

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
2	CF0160	Midspan helical join SC/AC_3/2.75	1	ea	



NOTES:

- 1) ARMOUR RODS ARE TO BE USED ON:
 - A. ACSR OR AAAC TENSIONED AT 18%
 - B. SC/AC OR SC/GZ TENSIONED AT 25%
 - C. CU CONDUCTOR, WHERE CLAMPTOP INSULATOR IS USED AND DIAMETER OF CONDUCTOR < 8.9mm
- 2) TIES NOT INCLUDED IN THIS CU, REFER TO CN26 AND CN27.

HORIZON POWER DISTRIBUTION DESIGN CATALOGUE OPERATIONS DIVISION	COMPATIBLE UNIT	REVISION 2	DATE 10/01/2024
	ARMOUR RODS	DRAWING No. CN18	

PUBLIC

CU	CU DESCRIPTION
CN18_7/250AA	Armour rods – AAC & AAAC_7/2.50

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CF0238	Armour rod for AAC & AAAC_7/2.50	1	ea	
2		Select from CN26 if tie is required	1	ea	

CU	CU DESCRIPTION
CN18_7/375AA	Armour rods – AAC & AAAC_7/3.75 & ACSR 6/1/3.75

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CF0240	Armour rod for AAC & AAAC_7/3.75 & ACSR 6/1/3.75	1	ea	
2		Select from CN26 if tie is required	1	ea	

CU	CU DESCRIPTION
CN18_7/475AA	Armour rods – AAC & AAAC_7/4.75

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CF0237	Armour rod for AAC & AAAC_7/4.75	1	ea	
2		Select from CN26 if tie is required	1	ea	

CU	CU DESCRIPTION
CN18_19/325A	Armour rods – AAC & AAAC_19/3.25

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CF0345	Armour rod for AAC & AAAC_19/3.25	1	ea	
2		Select from CN26 if tie is required	1	ea	

PUBLIC

CU	CU DESCRIPTION
CN18_7/300	Armour rods for AAC & AAAC 7/3.00 & 6/1/3.00 ACSR

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CF0239	Armour rod for AAC & AAAC 7/3.00 & 6/1/3.00 ACSR	1	ea	
2		Select from CN26 if tie is required	1	ea	

CU	CU DESCRIPTION
CN18_7/160	Armour rods – SCGZ_7/1.60

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CF0479	Armour rod for SCGZ_7/1.60	1	ea	
2		Select from CN27 if tie is required	1	ea	

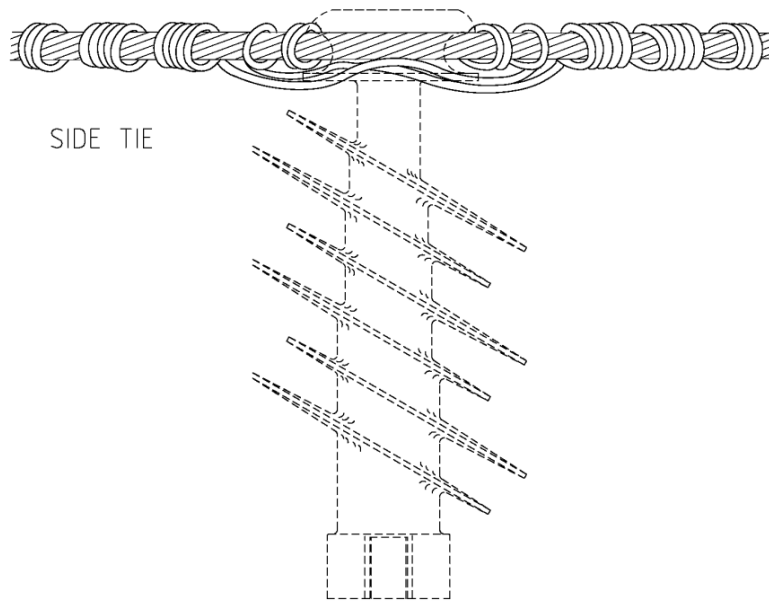
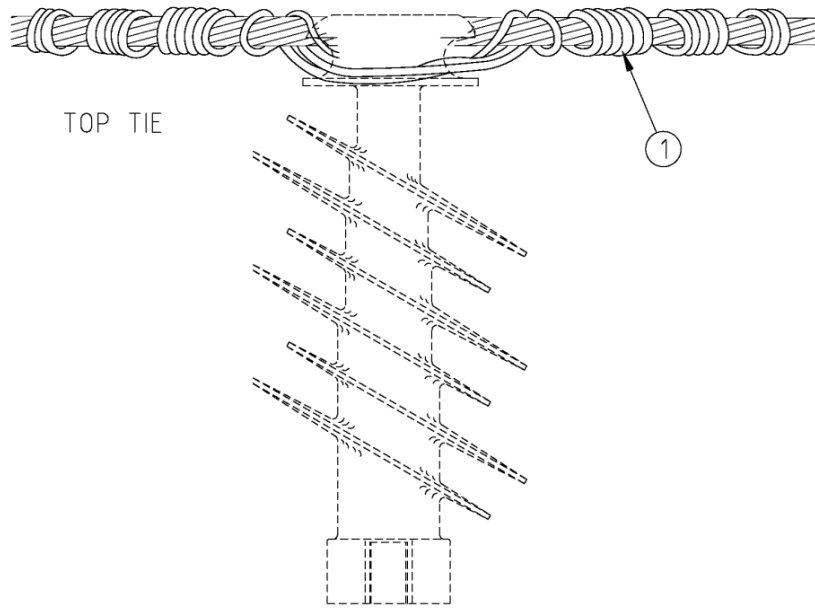
CU	CU DESCRIPTION
CN18_3/275GZ	Armour rods – SCGZ_3/2.75

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CF0258	Armour rod for SCGZ_3/2.75	1	ea	
2		Select from CN27 if tie is required	1	ea	

CU	CU DESCRIPTION
CN18_3/275AC	Armour rods – SCAC_3/2.75

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CF0350	Armour rod for SCAC_3/2.75	1	ea	
2		Select from CN27 if tie is required	1	ea	

PUBLIC

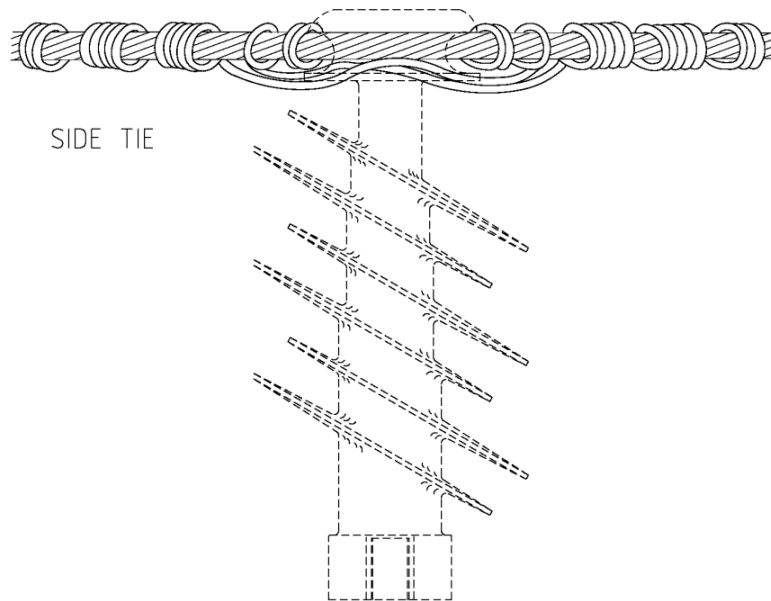
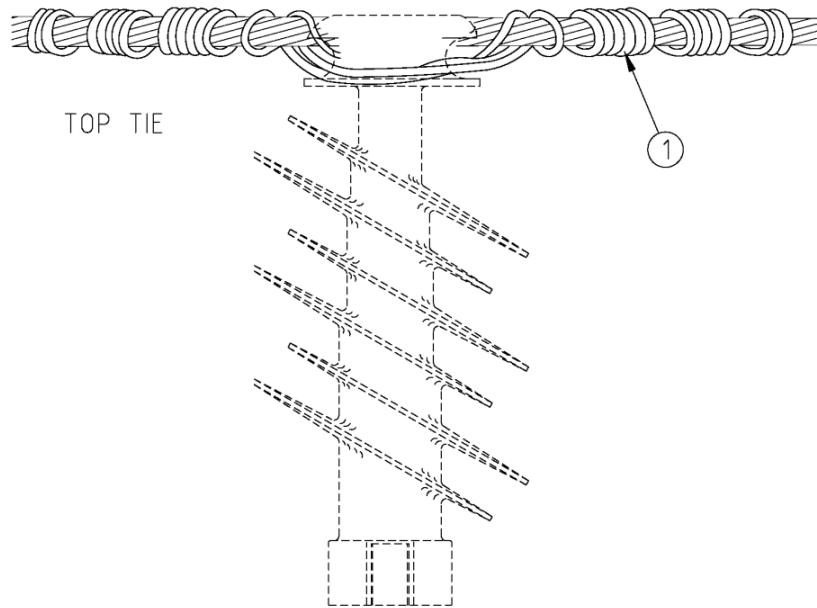


HORIZON POWER DISTRIBUTION DESIGN CATALOGUE OPERATIONS DIVISION	COMPATIBLE UNIT	REVISION 1	DATE 15/11/13
	TIES FOR HIGH & LOW VOLTAGE AAC & AAAC	DRAWING No. CN26	

PUBLIC

CU	CU DESCRIPTION
CN26_AL_TIE	Tie HV / LV – AAC & AAAC

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CT0164	Conductor tie 4.75 mm dia, 4.4 m	1	ea	



HORIZON POWER DISTRIBUTION DESIGN CATALOGUE OPERATIONS DIVISION	COMPATIBLE UNIT	REVISION 1	DATE 15/11/13
	TIES FOR STEEL & COPPER CONDUCTORS	DRAWING No. CN27	

PUBLIC

CU	CU DESCRIPTION
CN27_3/275	TIE 3/2.75_STEEL

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CT0254	Conductor tie 2 mm dia	1	ea	

CU	CU DESCRIPTION
CN27_CULV	TIE LV_COPPER

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CT0204	Conductor tie 2.75 mm dia	1	ea	

CU	CU DESCRIPTION
CN27_CUHV	TIE HV_COPPER

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CT0209	Conductor tie 2.75 mm dia	1	ea	

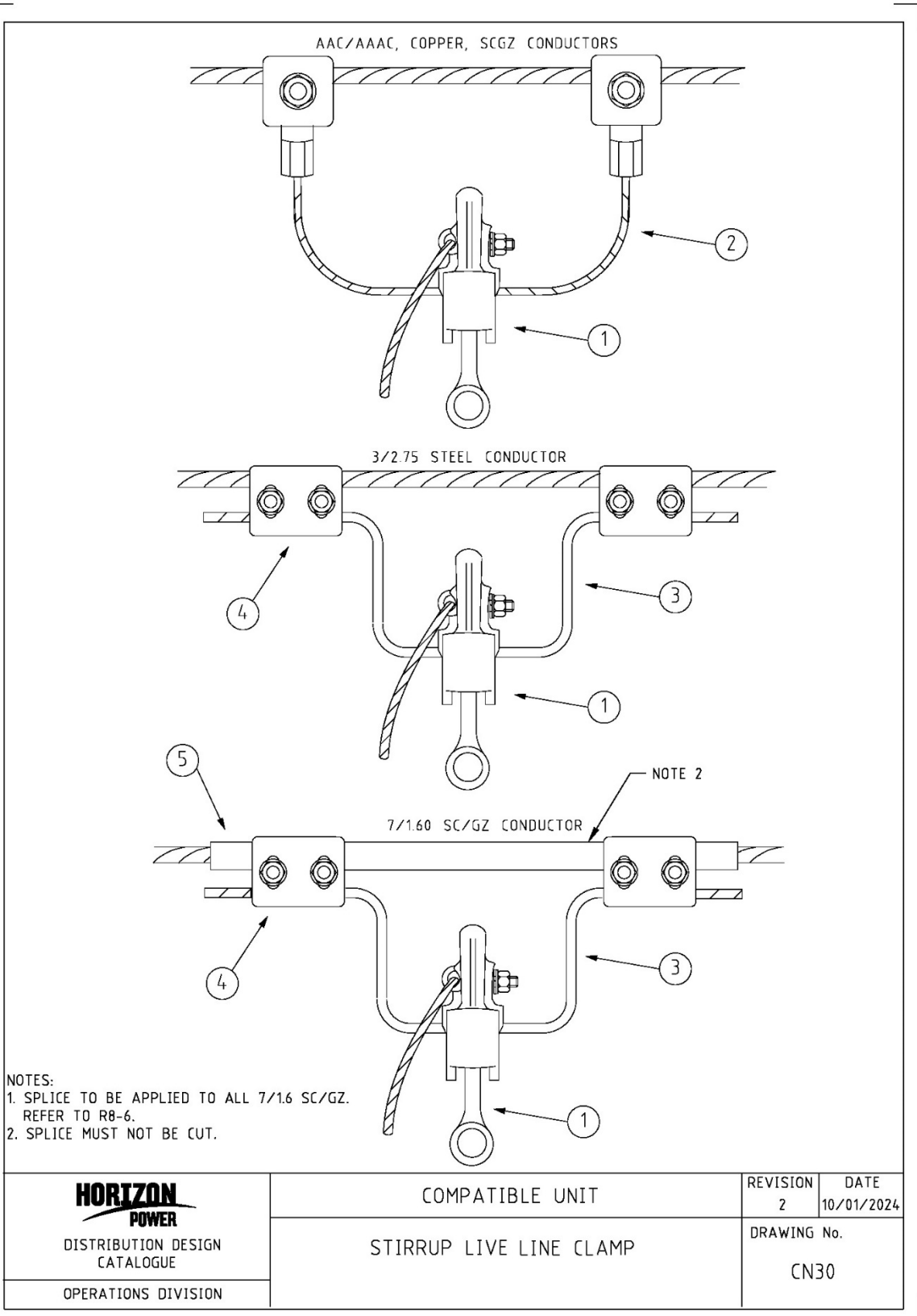
CU	CU DESCRIPTION
CN27_7/160	TIE 7/1.60_STEEL_SIDE

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CFH0001	Side tie 3/2.75 galv steel	1	ea	

CU	CU DESCRIPTION
CN27_SCGZ_T	TIE 3/2.75_STEEL_TOP

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CF0713	Top tie 3/2.75 galv steel	1	ea	

PUBLIC



PUBLIC

CU	CU DESCRIPTION
CN30_7/250	Stirrup live line clamp_7/2.50

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CC0497	Live line clamp	1	ea	
2	FC0101	Lead (stirrup) 385mm, 7/2.75 Cu with galv. clamp ends	1	ea	

CU	CU DESCRIPTION
CN30_7/475	Stirrup live line clamp_7/4.75

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CC0497	Live line clamp	1	ea	
2	FC0101	Lead (stirrup) 385mm, 7/2.75 Cu with galv. clamp ends	1	ea	

CU	CU DESCRIPTION
CN30_19/325	Stirrup live line clamp_19/3.25

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CC0497	Live line clamp	1	ea	
2	FC0101	Lead (stirrup) 385mm, 7/2.75 Cu with galv. clamp ends	1	ea	

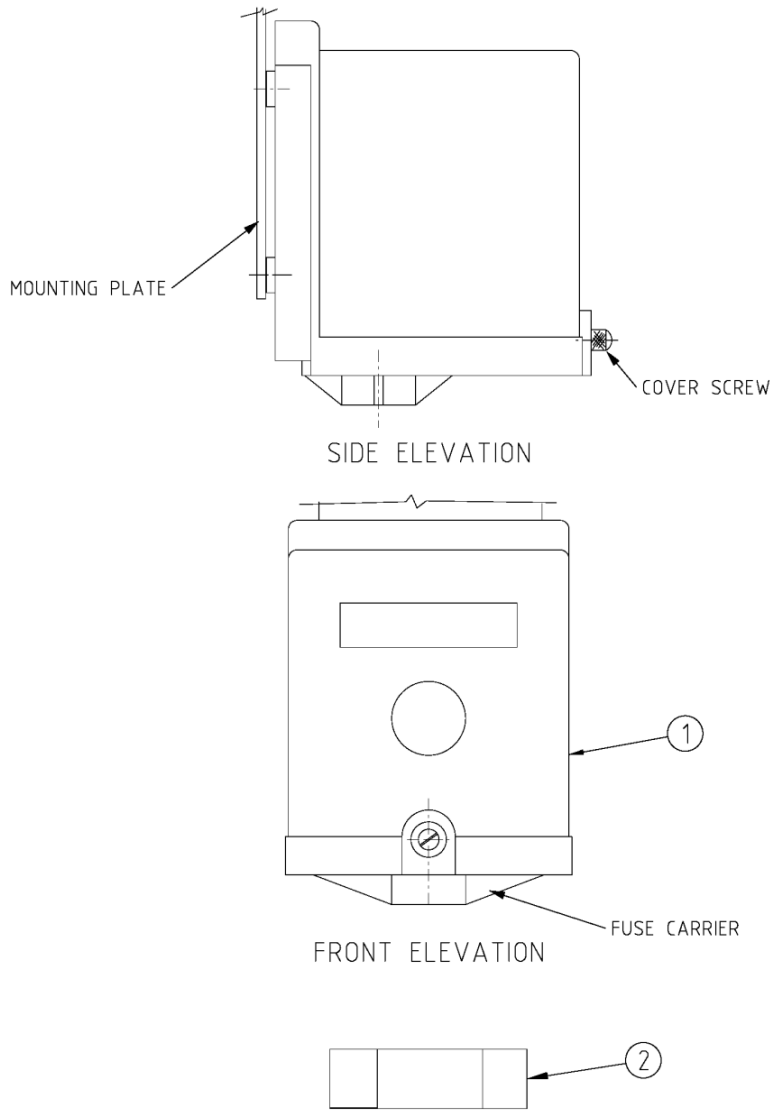
CU	CU DESCRIPTION
CN30_3/275	Stirrup live line clamp_3/275 SCGZ/SCAC

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CC0497	Live line clamp	1	ea	
3	FC0105	Stirrup, stainless steel 304	1	ea	
4	CC0224	PG Clamps	2	ea	

PUBLIC

CU	CU DESCRIPTION
CN30_7/16	Stirrup live line clamp_7/16 SCGZ

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CC0497	Live line clamp	1	ea	
3	FC0105	Stirrup, stainless steel 304	1	ea	
4	CC0224	PG Clamps	2	ea	
5	CF0479	Helical Splice	1	ea	



 DISTRIBUTION DESIGN CATALOGUE OPERATIONS DIVISION	COMPATIBLE UNIT	REVISION 1	DATE 15/11/13
	POLE MOUNTED LV FUSE HOLDER	DRAWING No. CN35	

PUBLIC

CU	CU DESCRIPTION
CN35_10	Pole mounted LV fuse holder with 10 amp

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	GF1801	Fuse holder	1	ea	
2	GF0550	Fuse 10A, 240/415V	1	ea	

CU	CU DESCRIPTION
CN35_10SL	Pole mounted LV street light fuse holder with 10 amp

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	GF1804	Fuse holder	1	ea	
2	GF0550	Fuse 10A, 240/415V	1	ea	

CU	CU DESCRIPTION
CN35_30	Pole mounted LV fuse holder with 30 amp

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	GF1801	Fuse holder	1	ea	
2	GF1940	Fuse 30A, 240/415V	1	ea	

CU	CU DESCRIPTION
CN35_50	Pole mounted LV fuse holder with 50 amp

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	GF1801	Fuse holder	1	ea	
2	GF1930	Fuse 50A, 240/415V	1	ea	

PUBLIC

CU	CU DESCRIPTION
CN35_60	Pole mounted LV fuse holder with 60 amp

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	GF1801	Fuse holder	1	ea	
2	GF0551	Fuse 60A, 240/415V	1	ea	

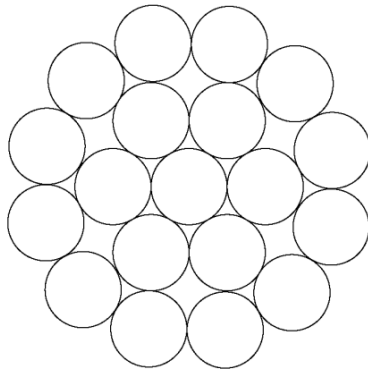
CU	CU DESCRIPTION
CN35_80	Pole mounted LV fuse holder with 80 amp

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	GF1801	Fuse holder	1	ea	
2	GF1944	Fuse 80A, 240/415V	1	ea	

CU	CU DESCRIPTION
CN35_100	Pole mounted LV fuse holder with 100 amp

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	GF1801	Fuse holder	1	ea	
2	GF1947	Fuse 100A, 240/415V	1	ea	

PUBLIC



HORIZON POWER DISTRIBUTION DESIGN CATALOGUE OPERATIONS DIVISION	COMPATIBLE UNIT	REVISION 0	DATE 29/01/14
	CONDUCTOR AAAC	DRAWING No. CN36	

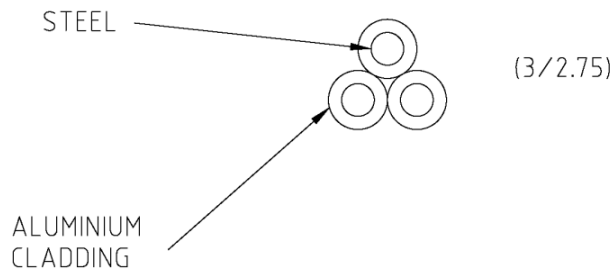
PUBLIC

CU	CU DESCRIPTION
CN36_7/475	Conductor – AAAC 7/4.75

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	EK0022	120mm2 conductor 7/4.75 AAAC (Iodine)	1	mr	

CU	CU DESCRIPTION
CN36_19/325	Conductor – AAAC 19/3.25

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	EK0024	150mm2 conductor 19/3.25 AAAC (Krypton)	1	mr	

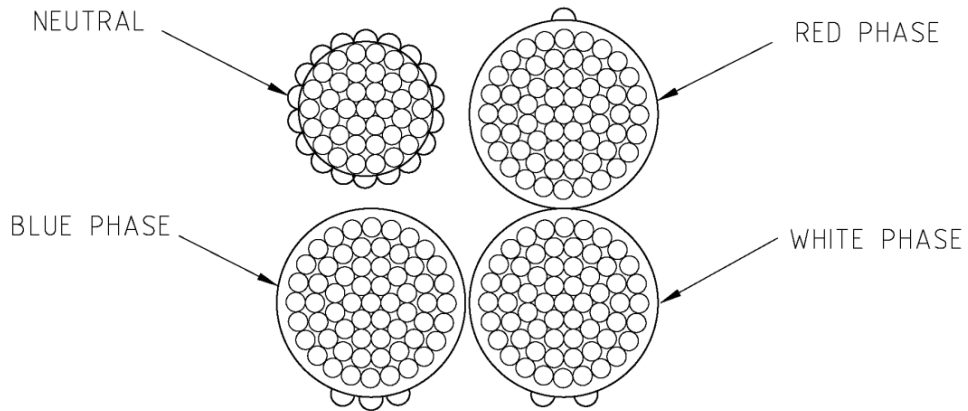


HORIZON POWER DISTRIBUTION DESIGN CATALOGUE OPERATIONS DIVISION	COMPATIBLE UNIT	REVISION 0	DATE 29/01/14
	CONDUCTOR SCAC	DRAWING No. CN37	

PUBLIC

CU	CU DESCRIPTION
CN37_3/275	Conductor – steel 3/2.75 – SCAC

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	ES0006	SCAC conductor 3/2.75 steel SCAC	1	mr	



HORIZON POWER DISTRIBUTION DESIGN CATALOGUE OPERATIONS DIVISION	COMPATIBLE UNIT	REVISION 0	DATE 29/01/14
	CONDUCTOR LV-ABC	DRAWING No. CN38	

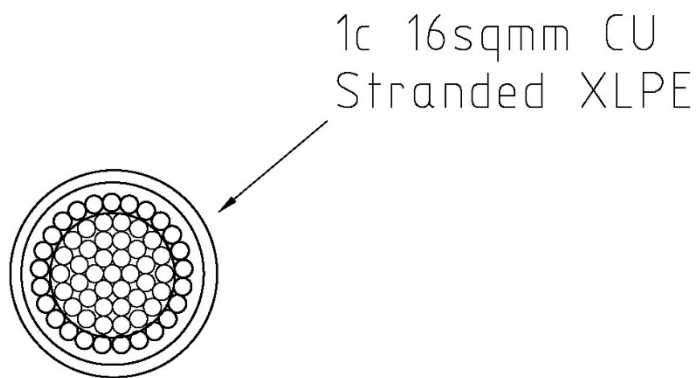
PUBLIC

CU	CU DESCRIPTION
CN38_95	Conductor – LVABC 95

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	EE1430	4C, 95 mm sq compacted conductor 0.6/1kV	1	mr	

CU	CU DESCRIPTION
CN38_150	Conductor – LVABC 150

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	EE1431	4C, 150 mm sq compacted conductor 0.6/1kV	1	mr	

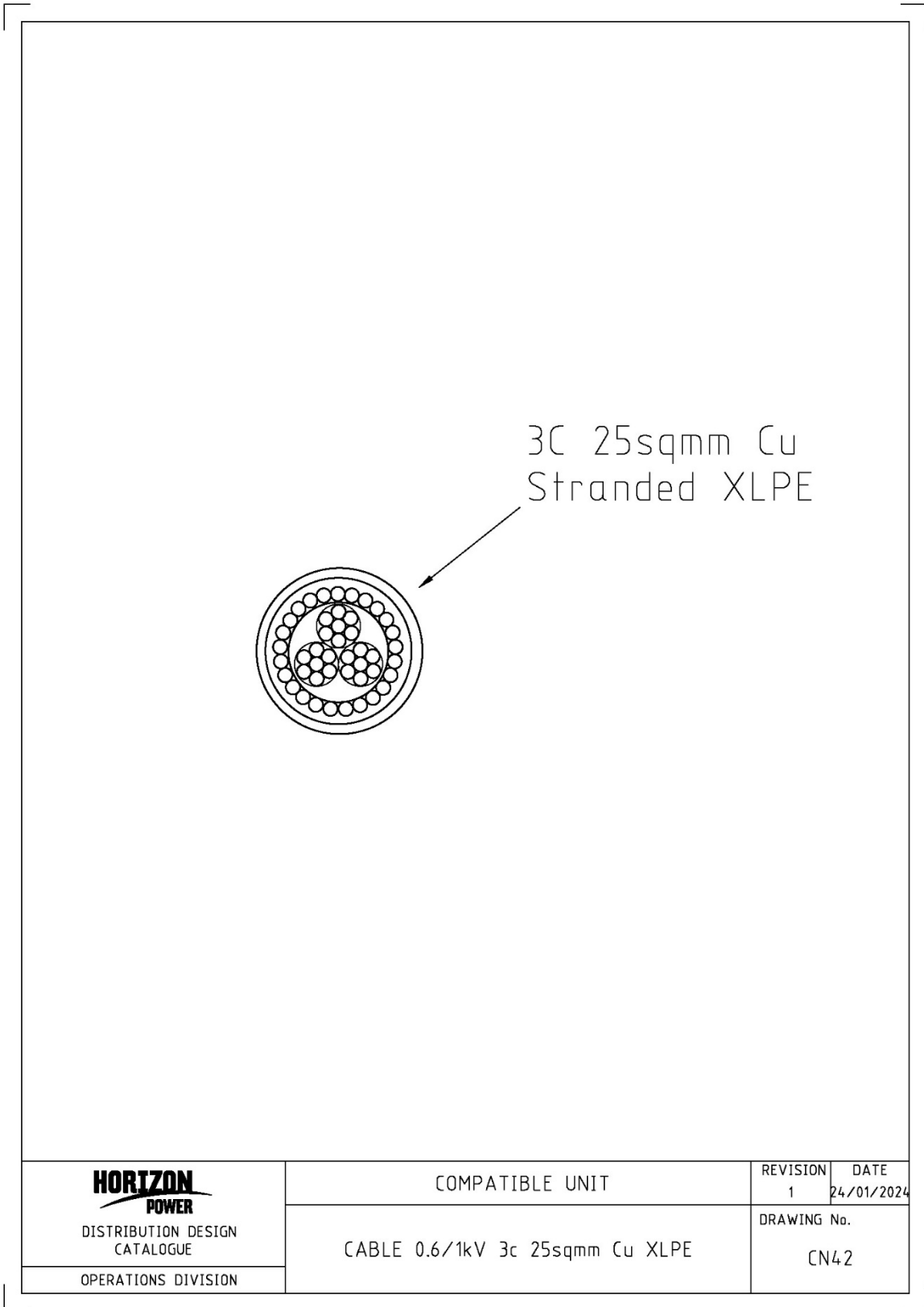


HORIZON POWER DISTRIBUTION DESIGN CATALOGUE OPERATIONS DIVISION	COMPATIBLE UNIT	REVISION 1	DATE 24/01/2024
	CABLE 0.6/1kV 1c 16sqmm CU XLPE	DRAWING No. CN41	

PUBLIC

CU	CU DESCRIPTION
CN41_TERMITE	Cable 0.6/1kV 1c x 16sqmm Cu XLPE streetlight - DBT

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	EE2559	Cable 0.6/1kV 1c x 16sqmm Cu XLPE streetlight - DBT	1	mr	

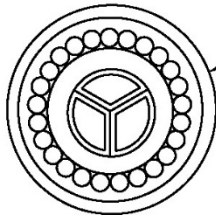
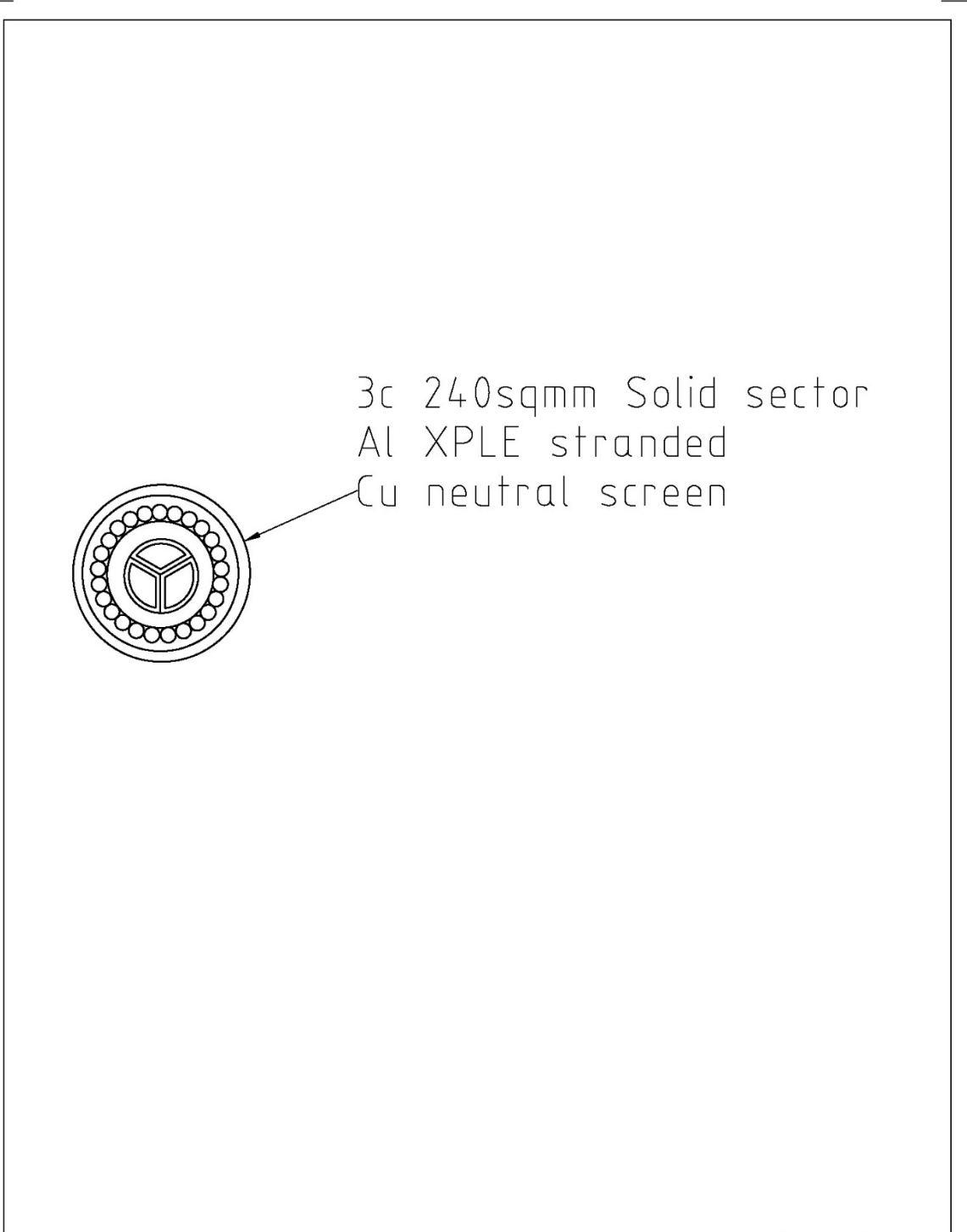


HORIZON POWER DISTRIBUTION DESIGN CATALOGUE OPERATIONS DIVISION	COMPATIBLE UNIT	REVISION 1	DATE 24/01/2024
	CABLE 0.6/1kV 3c 25sqmm Cu XLPE	DRAWING No. CN42	

PUBLIC

CU	CU DESCRIPTION
CN42_TERM	Cable 0.6/1kV 3c x 25sqmm Cu XLPE - DBT

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	EC1104	Cable 0.6/1kV 3c x 25sqmm Cu XLPE - DBT	1	mr	



3c 240sqmm Solid sector
Al XLPE stranded
Cu neutral screen

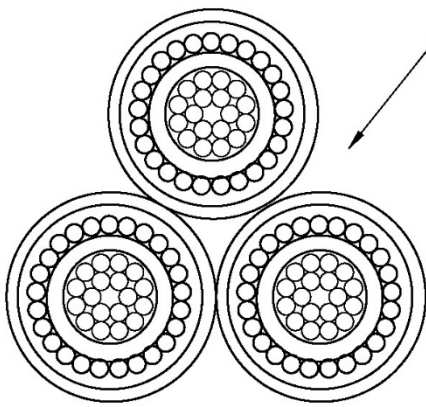
HORIZON POWER DISTRIBUTION DESIGN CATALOGUE OPERATIONS DIVISION	COMPATIBLE UNIT	REVISION 1	DATE 07/05/2021
	CABLE 0.6/1kV 3c 240sqmm Al XLPE	DRAWING No. CN45	

PUBLIC

CU	CU DESCRIPTION
CN45_TERMITE	Cable 0.6/1kV 3c x 240sqmm Al XLPE- Termicide protection

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	EC1337	Cable 0.6/1kV 3c x 240sqmm Solid sector Al XLPE- Termicide protection	1	mr	

3x1c 35sqmm Al triplex
TR-XLPE stranded
Cu neutral screen

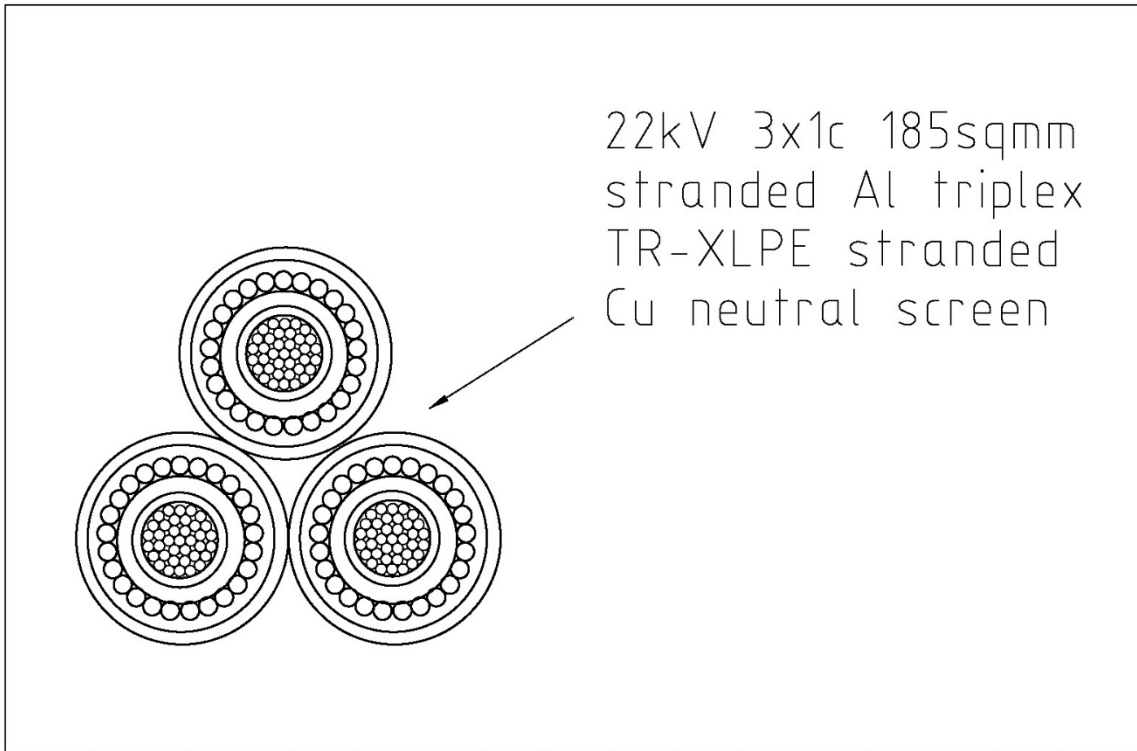


HORIZON POWER DISTRIBUTION DESIGN CATALOGUE OPERATIONS DIVISION	COMPATIBLE UNIT	REVISION 1	DATE 24/01/2024
	CABLE 12.7/22kV 3x1c 35sqmm Al TR-XLPE	DRAWING No. CN46	

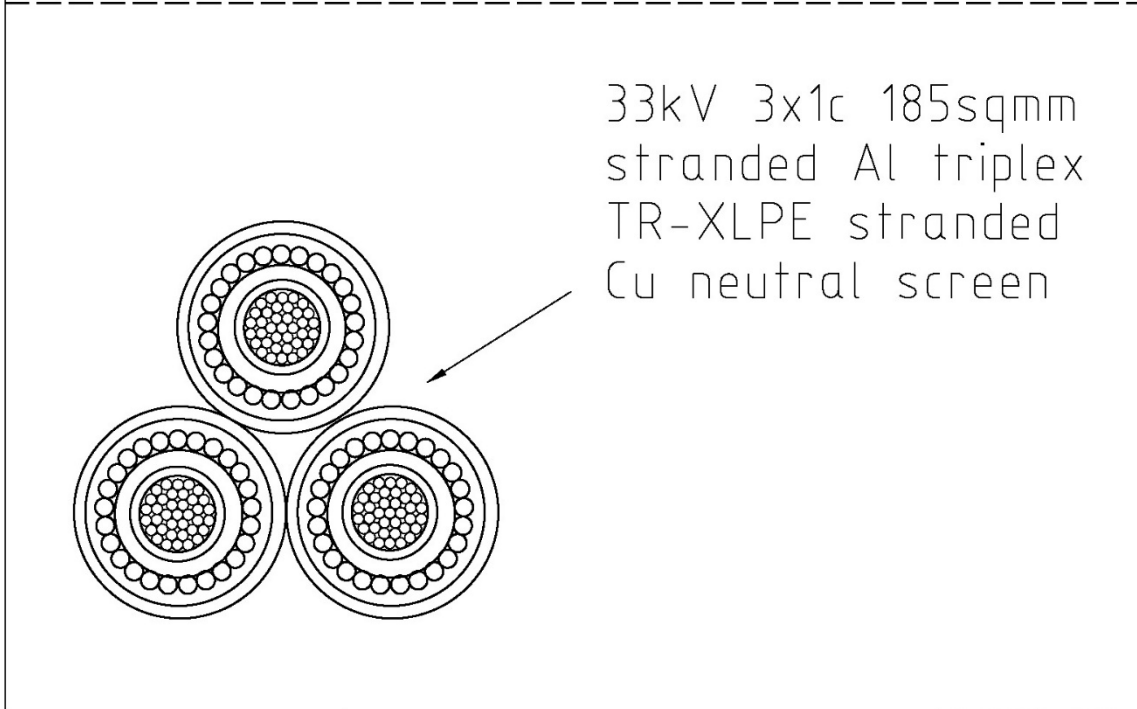
PUBLIC

CU	CU DESCRIPTION
CN46_TERM	Cable 12.7/22kV 3x1c 35sqmm Al TR-XLPE DBT


ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	ECH2569	Cable 12.7/22kV 3x1c 35sqmm Al TR-XLPE DBT	1	mr	



22kV 3x1c 185sqmm
stranded Al triplex
TR-XLPE stranded
Cu neutral screen



33kV 3x1c 185sqmm
stranded Al triplex
TR-XLPE stranded
Cu neutral screen

 DISTRIBUTION DESIGN CATALOGUE OPERATIONS DIVISION	COMPATIBLE UNIT	REVISION 1	DATE 24/01/2024
	CABLE 12.7/22kV AND 19.1/33kV 3x1c 185sqmm Al TR-XLPE	DRAWING No. CN48	

PUBLIC

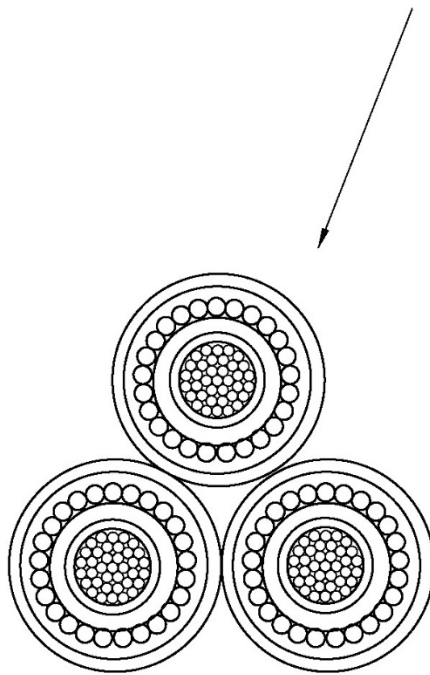
CU	CU DESCRIPTION
CN48_TERM	Cable 12.7/22kV 3x1c 185sqmm Stranded Al TR- XLPE- Termicide protection

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	EC2557	Cable 12.7/22kV 3x1c 185sqmm Stranded Al TR-XLPE Termicide protection	1	mr	

CU	CU DESCRIPTION
CN48_33	Cable 19.1/33kV 3x1c 185sqmm Stranded Al TR- XLPE- Termicide protection

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	EC2551	Cable 19.1/33kV 3x1c 185sqmm Stranded Al TR-XLPE- Termicide protection	1	mr	

3x1c 50sqmm stranded Al
triplex TR-XLPE stranded
Cu neutral screen



HORIZON POWER DISTRIBUTION DESIGN CATALOGUE OPERATIONS DIVISION	COMPATIBLE UNIT	REVISION 1	DATE 25/01/2024
	CABLE 19.1/33kV 3x1c 50sqmm Al TR-XLPE	DRAWING No. CN51	

PUBLIC

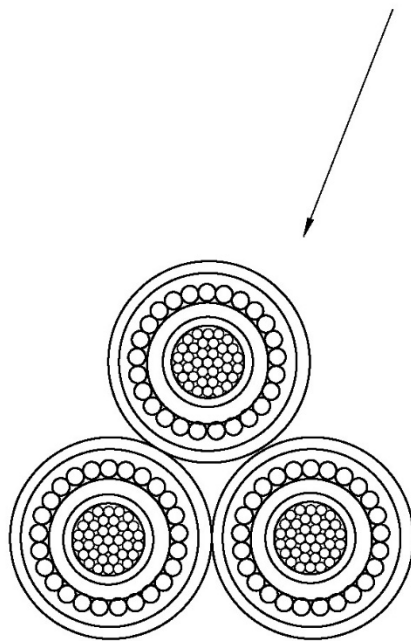
CU	CU DESCRIPTION
CN51_1PHASE	Cable 19.1/33kV 1c 50sqmm Stranded Al TR-XLPE- DBT

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	EC2004	Cable 19.1/33kV 1c 50sqmm Stranded Al TR-XLPE- DBT	1	mr	

CU	CU DESCRIPTION
CN51_3PHASE	Cable 19.1/33kV 3x1c 50sqmm Stranded Al TR-XLPE- DBT

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	EC2003	Cable 19.1/33kV 3x1c 50sqmm Stranded Al TR-XLPE- DBT protection	1	mr	

3x1c 400sqmm stranded Al
triplex TR-XLPE stranded
Cu neutral screen

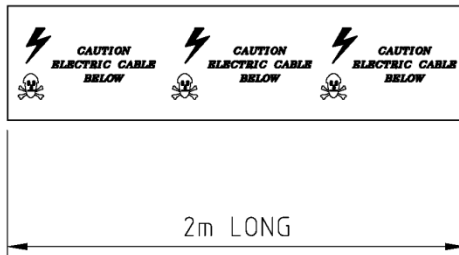


HORIZON POWER DISTRIBUTION DESIGN CATALOGUE OPERATIONS DIVISION	COMPATIBLE UNIT	REVISION 1	DATE 25/01/2024
	CABLE 12.7/22kV 3x1c 400sqmm Stranded Al TR-XLPE	DRAWING No. CN53	

PUBLIC

CU	CU DESCRIPTION
CN53_TERMITE	Cable 12.7/22kV 3x1c 400sqmm Stranded Al TR-XLPE - DBT

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	EC2198	Cable 12.7/22kV 3x1c 400sqmm Stranded Al TR-XLPE-DBT	1	mr	



PLASTIC SLABS

HORIZON POWER DISTRIBUTION DESIGN CATALOGUE OPERATIONS DIVISION	COMPATIBLE UNIT	REVISION 0	DATE 29/01/14
	PLASTIC SLABS	DRAWING No. CN54	

PUBLIC

CU	CU DESCRIPTION
CN54_2M_SLAB	Cable protector plastic slabs 2 m long

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CZ0505	Cable protector plastic slabs 2 m long	1	ea	

PUBLIC



CONDUIT

HORIZON POWER DISTRIBUTION DESIGN CATALOGUE OPERATIONS DIVISION	COMPATIBLE UNIT	REVISION 0	DATE 29/01/14
	CONDUIT 4 OR 6m LONG	DRAWING No. CN56	

PUBLIC

CU	CU DESCRIPTION
CN56_25	Conduit 25 dia – 4 m long

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	GC0022	Conduit orange 25mm x 4m, heavy-duty PVC	1	lg	

CU	CU DESCRIPTION
CN56_32	Conduit 32 dia – 4 m long

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	GC0023	Conduit orange 32mm x 4m, heavy-duty PVC	1	lg	

CU	CU DESCRIPTION
CN56_50	Conduit 50 dia – 4 m long

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	GC0025	Conduit orange 32mm x 4m, heavy-duty PVC	1	lg	

CU	CU DESCRIPTION
CN56_50GR	Conduit 50 dia – 4 m long_Grey

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	GC0010	Conduit grey 32mm x 4m, PVC	1	lg	

CU	CU DESCRIPTION
CN56_80	Conduit 80 dia – 4 m long

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	GC0028	Conduit orange 80mm x 4m, heavy-duty PVC	1	lg	

PUBLIC

CU	CU DESCRIPTION
CN56_100	Conduit 100 dia – 6 m long

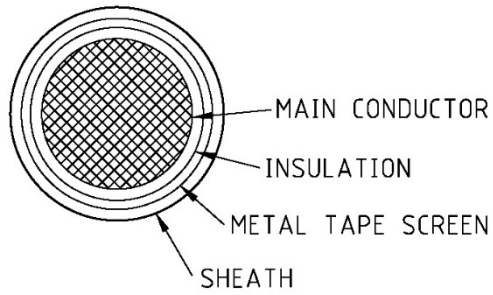
ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	GC0029	Conduit orange 100mm x 6m, heavy-duty PVC Corflo	1	lg	

CU	CU DESCRIPTION
CN56_125	Conduit 125 dia – 6 m long

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	GC0030	Conduit orange 125mm x 6m, heavy-duty PVC Corflo	1	lg	

CU	CU DESCRIPTION
CN56_150	Conduit 150 dia – 6 m long

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	GC7863	Conduit orange 150mm x 6m, heavy-duty PVC Corflo	1	lg	

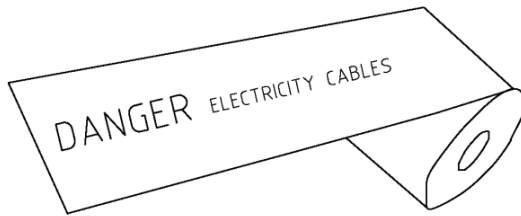


HORIZON POWER DISTRIBUTION DESIGN CATALOGUE OPERATIONS DIVISION	COMPATIBLE UNIT	REVISION 0	DATE 11/11/2020
	CABLE - 400sqmm LV 0.6/1kV CU XLPE 1-CORE TERMITE PROOF	DRAWING No. CN60	

PUBLIC

CU	CU DESCRIPTION
CN60	CABLE – 400sqmm LV 0.6/1kV CU XLPE 1-CORE TERMITE PROOF

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	ECH1076	CABLE – 400sqmm LV 0.6/1kV Cu Flex Strand XLPE 1-Core DBT Termite Proof – For PENDA	1	m	



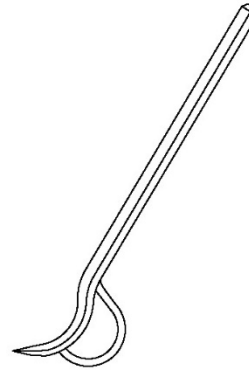
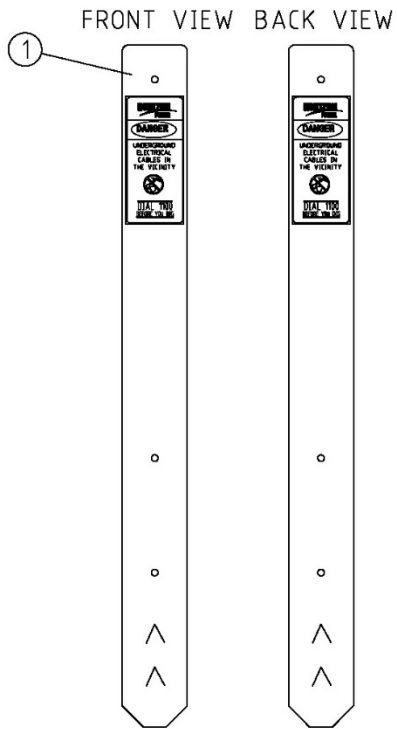
CABLE
BELOW WARNING
TAPE

HORIZON POWER DISTRIBUTION DESIGN CATALOGUE OPERATIONS DIVISION	COMPATIBLE UNIT	REVISION 0	DATE 29/01/14
	CABLE BELOW WARNING TAPE	DRAWING No. CN61	

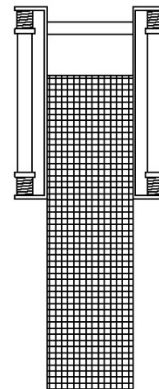
PUBLIC

CU	CU DESCRIPTION
CN61_125	Cable below warning, tape 125 mm x 690 m roll

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CZ0390	Identification tape 125 mm wide, orange	1	roll	



REMOVAL TOOL



INSTALLATION TOOL

NOTES:

- 1) REMOVAL TOOL STOCK CODE CR0328 - TO BE ORDERED FROM SUPPLIER AS NEEDED.
- 2) INSTALLATION TOOL STOCK CODE CR0328 - TO BE ORDERED FROM SUPPLIER AS NEEDED.

HORIZON POWER DISTRIBUTION DESIGN CATALOGUE OPERATIONS DIVISION	COMPATIBLE UNIT	REVISION 1	DATE 15/11/13
	UNDERGROUND CABLE DANGER LABEL	DRAWING No. CN64	

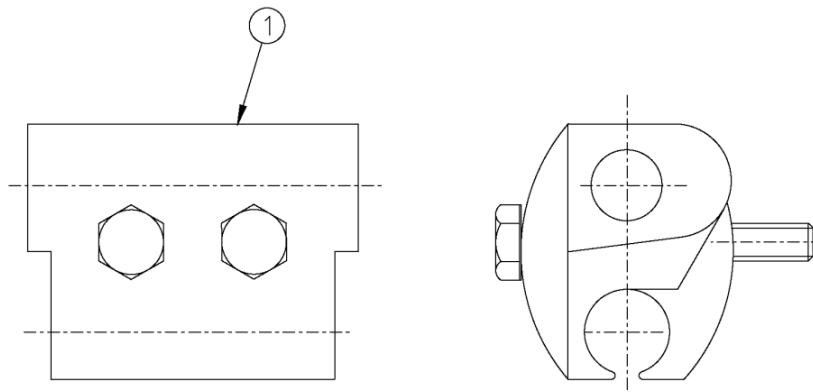
PUBLIC

CU	CU DESCRIPTION
CN64_S	U/G Cable Marker & Danger Label (1.3M Post)

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CR0331	U/G Cable Marker (1.3 m height)	1	ea	

CU	CU DESCRIPTION
CN64_L	U/G Cable Marker & Danger Label (1.6M Post)

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CR0332	U/G Cable Marker (1.6 m height)	1	ea	



HORIZON POWER DISTRIBUTION DESIGN CATALOGUE OPERATIONS DIVISION	COMPATIBLE UNIT	REVISION 1	DATE 15/11/13
	INSULATION PIERCING CLAMP	DRAWING No. CN65	

PUBLIC

CU	CU DESCRIPTION
CN65_95/35	I.P.C - ABC to ABC and service_95/35

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CC0082	Insulation piercing clamp ABC to ABC and service_95/35	1	ea	

CU	CU DESCRIPTION
CN65_95/95	I.P.C - ABC to ABC and service_95/95

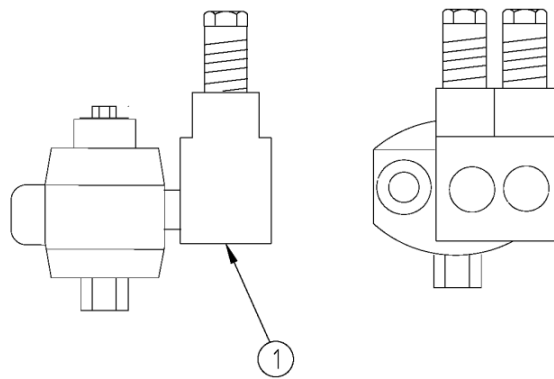
ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CC0080	Insulation piercing clamp ABC to ABC and service_95/95	1	ea	

CU	CU DESCRIPTION
CN65_150/35	I.P.C - ABC to ABC and service_150/35

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CC0085	Insulation piercing clamp ABC - ABC and service_150/35	1	ea	

CU	CU DESCRIPTION
CN65_150/150	I.P.C - ABC to ABC and service_150/150

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CC0081	Insulation piercing clamp ABC-ABC and service_150/150	1	ea	



HORIZON POWER DISTRIBUTION DESIGN CATALOGUE OPERATIONS DIVISION	COMPATIBLE UNIT	REVISION 1	DATE 15/11/13
	INSULATION PIERCING CLAMP ABC TO 2 SERVICES	DRAWING No. CN68	

PUBLIC

CU	CU DESCRIPTION
CN68_95/35	95 ABC Main to 2 x 35 service

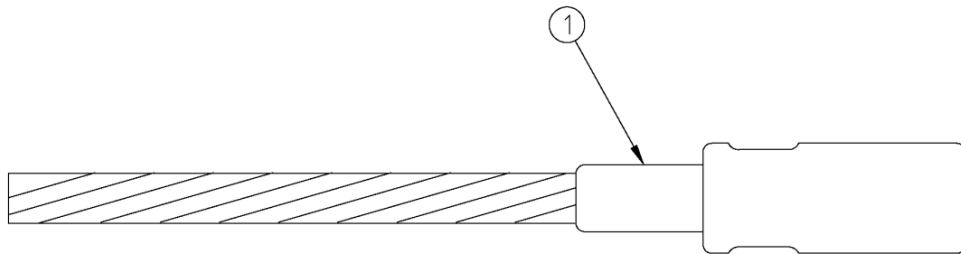
ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CC0079	Insulation piercing clamp 150 ABC Main to 2 x 35 service	1	ea	

CU	CU DESCRIPTION
CN68_150/35	150 ABC Main to 2 x 35 service

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CC0079	Insulation piercing clamp 150 ABC Main to 2 x 35 service	1	ea	

CU	CU DESCRIPTION
CN68_150/50	150 ABC Main to 4 x 35 service

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CC0093	Insulation piercing clamp 150 ABC Main to 4 x 35 service	1	ea	



HORIZON POWER DISTRIBUTION DESIGN CATALOGUE OPERATIONS DIVISION	COMPATIBLE UNIT	REVISION 1	DATE 15/11/13
	SPLICE ABC TO BARE COPPER	DRAWING No. CN69	

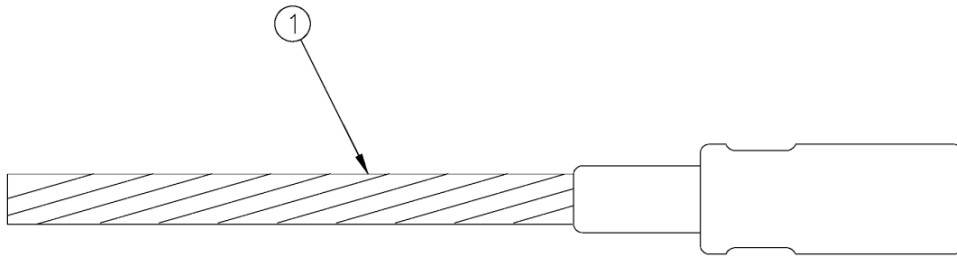
PUBLIC

CU	CU DESCRIPTION
CN69_95	Splice – ABC to bare copper_95

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CJ0492	Splice 95 ABC with Cu tail	1	ea	

CU	CU DESCRIPTION
CN69_150	Splice – ABC to bare copper_150

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CJ0493	Splice 150 ABC with Cu tail	1	ea	



HORIZON POWER DISTRIBUTION DESIGN CATALOGUE OPERATIONS DIVISION	COMPATIBLE UNIT	REVISION 1	DATE 15/11/13
	SPLICE ABC TO BARE ALUMINIUM	DRAWING No. CN70	

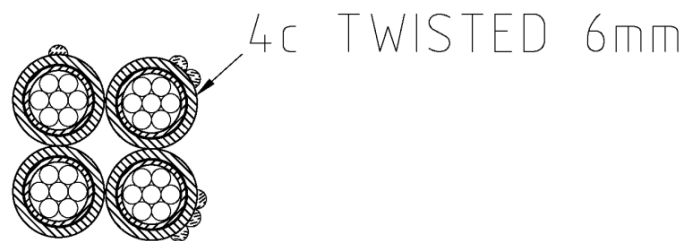
PUBLIC

CU	CU DESCRIPTION
CN70_95	Splice – ABC to bare aluminium_95

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CJ0494	Splice 95 ABC with Al tail	1	ea	

CU	CU DESCRIPTION
CN70_150	Splice – ABC to bare aluminium_150

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CJ0496	Splice 150 ABC with Al tail	1	ea	



HORIZON POWER DISTRIBUTION DESIGN CATALOGUE OPERATIONS DIVISION	COMPATIBLE UNIT	REVISION 0	DATE 29/01/14
	CONDUCTOR SERVICE 6/16mm	DRAWING No. CN71	

PUBLIC

CU	CU DESCRIPTION
CN71_2/6	Conductor 2 core twisted 6 mm

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	EE1120	2C 6mm ² service cable stranded Cu (0.6/1kV)	1	mr	

CU	CU DESCRIPTION
CN71_3/6	Conductor 3 core twisted 6 mm

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	EE1124	3C 6mm ² service cable stranded Cu (0.6/1kV)	1	mr	

CU	CU DESCRIPTION
CN71_4/6	Conductor 4 core twisted 6 mm

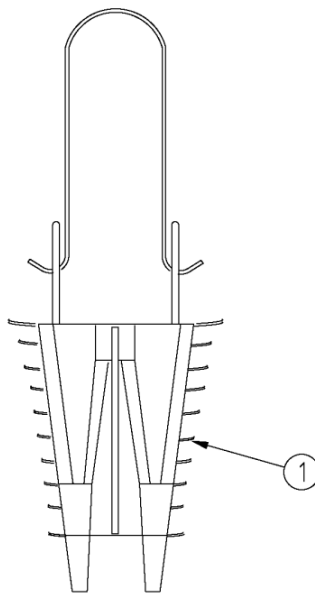
ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	EE1122	4C 6mm ² service cable stranded Cu (0.6/1kV)	1	mr	

CU	CU DESCRIPTION
CN71_2/16	Conductor 2 core twisted 16 mm

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	EE1126	2C 16mm ² service cable stranded Cu (0.6/1kV)	1	mr	

CU	CU DESCRIPTION
CN71_4/16	Conductor 4 core twisted 16 mm

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	EE1128	4C 16mm ² service cable stranded Cu (0.6/1kV)	1	mr	

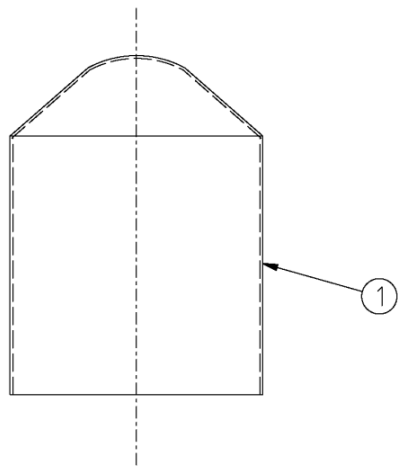


HORIZON POWER DISTRIBUTION DESIGN CATALOGUE OPERATIONS DIVISION	COMPATIBLE UNIT	REVISION 1	DATE 15/11/13
	STRAIN CLAMP HOUSE SERVICE	DRAWING No. CN72	

PUBLIC

CU	CU DESCRIPTION
CN72	Clamp strain - house service clamp

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CC0111	Clamp, wedge type for 6-35mm ² service cables	1	ea	



HORIZON POWER DISTRIBUTION DESIGN CATALOGUE OPERATIONS DIVISION	COMPATIBLE UNIT	REVISION 1	DATE 15/11/13
	CABLE END CAP	DRAWING No. CN73	

PUBLIC

CU	CU DESCRIPTION
CN73_SMALL	End Cap Heat Shrink 60 mm

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	FE0021	End cap 60 mm	1	ea	

CU	CU DESCRIPTION
CN73_MEDIUM	End Cap Heat Shrink 80 mm

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	FE0023	End cap 80 mm	1	ea	

CU	CU DESCRIPTION
CN73_LARGE	End Cap Heat Shrink 110 mm

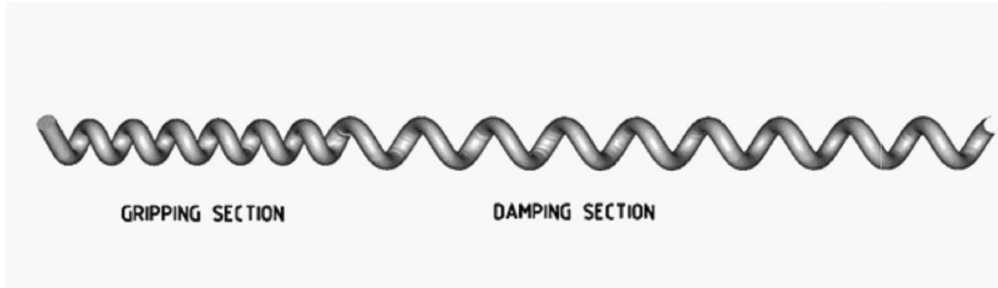
ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	FE0025	End cap 110 mm	1	ea	

CU	CU DESCRIPTION
CN73_SL	End Cap Heat Shrink 10/16 SL cable

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CJ0054	End cap 10/16 SL cable	1	ea	

CU	CU DESCRIPTION
CN73_LV25	End Cap Heat Shrink 25 LV cable


ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CJ0051	End cap 25 LV cable	1	ea	



NOTES:

VIBRATION DAMPERS MUST BE INSTALLED ON:

1. AAAC TENSIONED AT 18% AND INSTALLATION IS PERFORMED IN AREA THAT FALLS UNDER TERRAIN CATEGORY 1 AS DEFINED IN AS1170.2
2. ACSR TENSIONED AT 18%
3. SC/AC OR SC/GZ TENSIONED AT 25%
 - A. BOTH SIDES OF THE INSULATOR ON ALL SCGZ AND SC/AC CONDUCTORS. ADDITIONAL DAMPERS WOULD BE REQUIRED ON EITHER SIDE IF THE BAY IS > 250m IN LENGTH.
4. INTERMEDIATE STRUCTURES AND NOT STRAIN ATTACHMENTS.

 DISTRIBUTION DESIGN CATALOGUE	COMPATIBLE UNIT	REVISION 2	DATE 10/01/2024
	SPIRAL VIBRATION DAMPERS	DRAWING No. CN74	
OPERATIONS DIVISION			

PUBLIC

CU	CU DESCRIPTION
CN74_3/275	Vibration damper for 3/2.75 SCAC & SCGZ

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CD0022	Vibration damper for 3/2.75 (SCAC & SCGZ)	1	ea	

CU	CU DESCRIPTION
CN74_6/1/250	Vibration damper for 6/1/2.50-2.75 ACSR/AZ

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CD0023	Vibration damper for 6/1/2.50-2.75 (ACSR/AZ)	1	ea	

CU	CU DESCRIPTION
CN74_6/1/300	Vibration damper for 6/1/3.00 ACSR/AZ

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CD0024	Vibration damper for 6/1/3.00 (ACSR/AZ)	1	ea	

CU	CU DESCRIPTION
CN74_6/475	Vibration damper for 6/4.75 - 7/1.60 ACSR/AZ

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CD0025	Vibration damper for 6/4.75 - 7/1.60 (ACSR/AZ)	1	ea	

CU	CU DESCRIPTION
CN74_7/250	Vibration damper for 7/2.50 AAC/AAAC

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CD0023	Vibration damper for 7/2.50 (AAC/AAAC)	1	ea	

PUBLIC

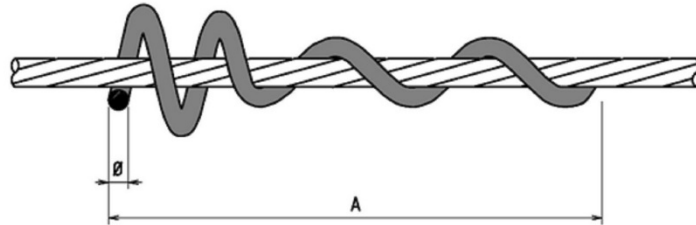
CU	CU DESCRIPTION
CN74_7/475	Vibration damper for 7/4.75 AAC/AAAC

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CD0025	Vibration damper for 7/4.75 (AAC/AAAC)	1	ea	

CU	CU DESCRIPTION
CN74_19/325	Vibration damper for 19/3.25 AAC/AAAC

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CD0038	Vibration damper for 19/3.25 (AAC/AAAC)	1	ea	

PUBLIC



BIRD FLIGHT DIVERTERS

STOCK CODE	CONDUCTOR RANGE	Ø	A	USE FOR CONDUCTOR
CG0010	4.45 - 6.34	12	300	3/2.75
CG0014	14.31 - 19.3	19	480	19/3.25
CG0021	6.35 - 8.29	12	360	7/2.50
CG0022	8.3 - 11.74	12	370	7/3.75
CG0023	11.75 - 14.30	12	410	7/4.75

NOTES:-

1. ALL DIMENSIONS ARE IN mm
2. MATERIAL: ORANGE UV STABILISED PVC
3. SPIRAL IS RIGHT HAND LAY

HORIZON POWER DISTRIBUTION DESIGN CATALOGUE	COMPATIBLE UNIT	REVISION 1	DATE JUN 19
	BIRD FLIGHT DIVERTERS	DRAWING No. CN79	

PUBLIC

CU	CU DESCRIPTION
CN79_3/275	Bird Diverter for 3/2.75 (SCAC & SCGZ)

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CG0010	Bird diverter for 3/2.75 (SCAC & SCGZ)	1	ea	

CU	CU DESCRIPTION
CN79_19/325	Bird Diverter for 19/3.25 (AAC & AAAC)

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CG0014	Bird diverter for 19/3.25 (AAC & AAAC)	1	ea	

CU	CU DESCRIPTION
CN79_7/250	Bird Diverter for 7/2.50 (AAC & AAAC)

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CG0021	Bird diverter for 7/2.50 (AAC & AAAC)	1	ea	

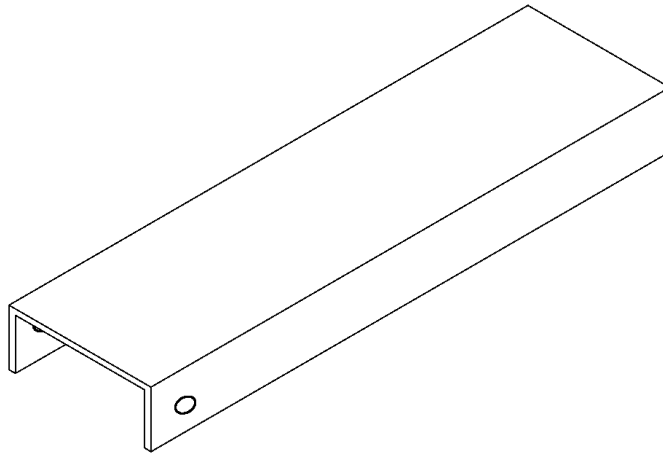
CU	CU DESCRIPTION
CN79_7/375	Bird Diverter for 7/3.75 (AAC & AAAC)

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CG0022	Bird diverter for 7/3.75 (AAC & AAAC)	1	ea	

CU	CU DESCRIPTION
CN79_7/475	Bird Diverter for 7/4.75 (AAC & AAAC)

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CG0023	Bird diverter for 7/4.75 (AAC & AAAC)	1	ea	

PUBLIC



CROSSARM COVER

WARNING
NOT CONSIDERED AN INSULATION BARRIER ABOVE 1kV

NOTE:
1. DIMENSIONS LENGTH: 400mm WIDTH: 100mm DEPTH: 50mm
2. CHECK WIDTH OF CROSS-ARM IS COMPATIBLE

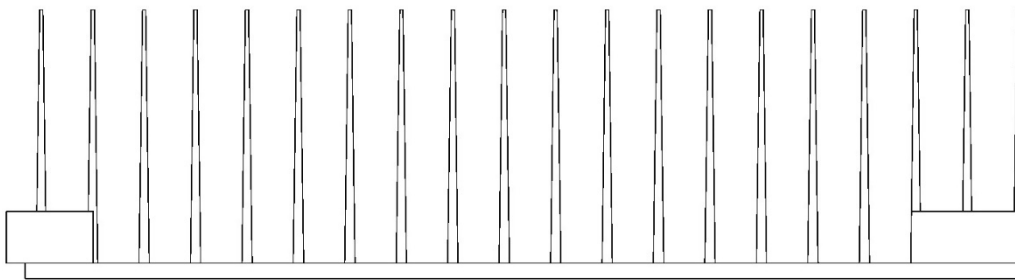
HORIZON POWER DISTRIBUTION DESIGN CATALOGUE OPERATIONS DIVISION	COMPATIBLE UNIT	REVISION 0	DATE 18/08/2022
	CROSSARM COVER 100mm	DRAWING No. CN80	

PUBLIC

CU	CU DESCRIPTION
CN80	Crossarm Cover 100mm

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CB3002	Crossarm Cover 100mm	1	ea	

PUBLIC



BIRD SPIKES

NOTE:

1. DIMENSIONS LENGTH: 600mm WIDTH: 15mm HEIGHT: 50mm

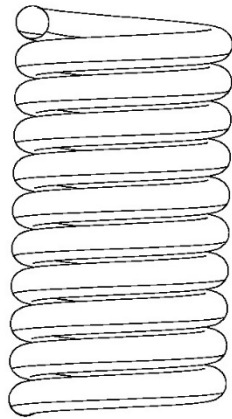
HORIZON POWER DISTRIBUTION DESIGN CATALOGUE OPERATIONS DIVISION	COMPATIBLE UNIT	REVISION 0	DATE 12/12/2022
	BIRD SPIKES	DRAWING No. CN81	

PUBLIC

CU	CU DESCRIPTION
CN81	Bird Spike

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CG0006	Bird Spike	1	ea	

PUBLIC



TIE WIRE - 2m

HORIZON POWER DISTRIBUTION DESIGN CATALOGUE OPERATIONS DIVISION	COMPATIBLE UNIT	REVISION 0	DATE 12/01/2023
	TIE WIRE	DRAWING No. CN82	

PUBLIC

CU	CU DESCRIPTION
CN82	Tie Wire 2m

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	IC0118	Tie Wire 2m	1	ea	

1

2

3

CB0355 (SIDE VIEW IMAGE)

CB0355 (TOP VIEW IMAGE)

CB0356 (SIDE VIEW IMAGE)

CB0356 (TOP VIEW IMAGE)

CB0357 (LONG SIDE VIEW IMAGE)

CB0357 (SHORT SIDE VIEW IMAGE)

CB0357 (TOP VIEW IMAGE)

STOCKCODE	APPLICATION (2 PER CROSSARM)
CB0355	CROSSARM 75X75mm SHS
CB0356	CROSSARM 100X100mm SHS
CB0357	CROSSARM 125X75mm RHS

<p>DISTRIBUTION DESIGN CATALOGUE</p> <p>OPERATIONS DIVISION</p>	COMPATIBLE UNIT	REVISION 0	DATE 3/05/2024
	CROSSARM ENDCAPS	DRAWING No. CN83	

PUBLIC

CU	CU DESCRIPTION
CN83_75	Crossarm End Cap (75x75 SHS)

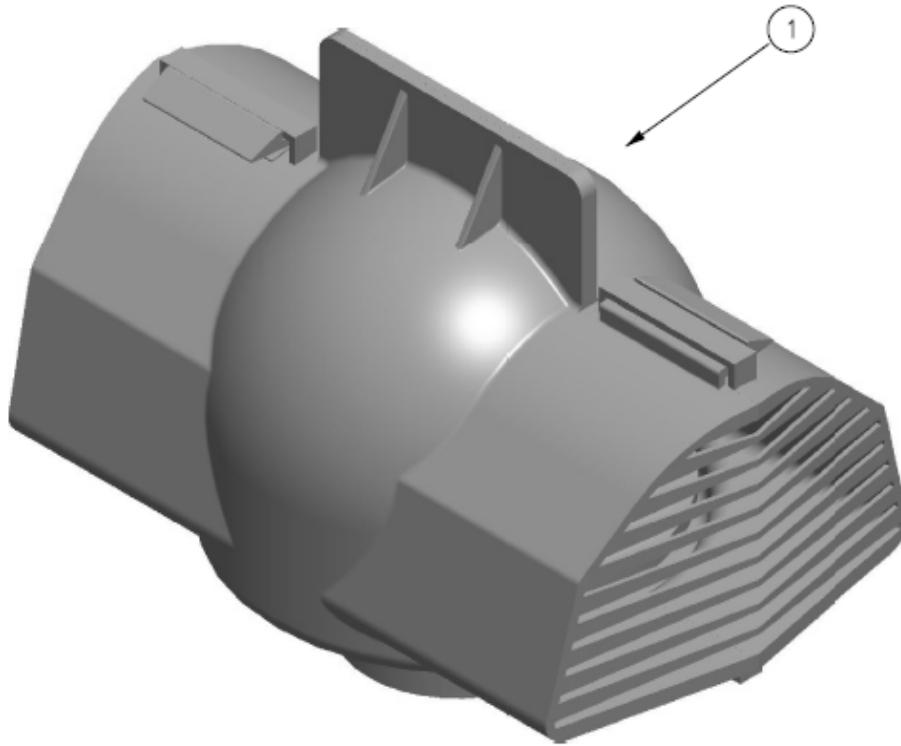
ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CB0355	Crossarm End Cap (75x75 SHS)	1	ea	

CU	CU DESCRIPTION
CN83_100	Crossarm End Cap (100x100 SHS)

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
2	CB0356	Crossarm End Cap (100x100 SHS)	1	ea	

CU	CU DESCRIPTION
CN83_125	Crossarm End Cap (125x75 RHS)

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
3	CB0357	Crossarm End Cap (125x75 SHS)	1	ea	



HIGH VOLTAGE INSULATION COVER

PART No.	BCAC-CAP-3D/8(B12)
COLOUR	RED
DIAMETER (mm)	125
HEIGHT (mm)	135
LENGTH (mm)	202
WIDTH (mm)	125

**HORIZON
POWER**
DISTRIBUTION DESIGN
CATALOGUE
OPERATIONS DIVISION

COMPATIBLE UNIT
HIGH VOLTAGE INSULATOR COVER

REVISION	DATE
0	3/05/2024
DRAWING No.	
CN84	

PUBLIC

CU	CU DESCRIPTION
CN84	High Voltage Insulator Cover

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	GTH0354	High Voltage Insulator Cover	1	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# 2152910** 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	Original Horizon Power issue
11/01/2011	2	Reviewed and Updated
09/07/2012	3	Change of Document Control
21/01/2014	4	<p>Index List CU Description</p> <ul style="list-style-type: none"> • CN16_7/250, CN16_7/475, CN16_19/325, CN17_7/12, CN39_3/275, CN40_TERMITE removed. • CN35_32 replaced with CN35_30 <p>ST Index Drawing; CN16, CN39, CN40, CN47 removed</p> <p>CN10 List; CN10_7/475 description change (& 7/4.50 AAC/AAAC) added</p> <p>CN16 Drawing and List removed</p> <p>CN17 List</p> <ul style="list-style-type: none"> • Stock Code changes for CN17_7/250, 7/475, 7/300, 7/375 • CN17_7/12 removed <p>SCN18 Drawing; Notes added</p> <p>CN35 List; CN35_32 changed to CN35_30</p> <p>CN36, CN37 & CN38 Drawings added</p> <p>CN39 & CN40 Lists removed</p> <p>CN41, CN42, CN44/45, CN46, CN48/49/50, CN51, CN53, CN54 & CN56 Drawings added</p> <p>CN56 List; CN56_100/125 stock code changes</p> <p>CN61 & CN71 Drawings added</p>
14/09/2018	5	<p>Stock item descriptions updated for consistency.</p> <p>Index List CU Description</p> <ul style="list-style-type: none"> • CN30_7/250, CN30_7/475, CN30_19/325, CN30_7/16 and CN30_3/275 added • CN74_3/275, CN74_6/1/250, CN74_6/1/300, CN74_6/475, CN74_7/250 and CN74_7/375 added • CN79_3/275, CN79_19/325, CN79_7/250, CN79_7/375 and CN79_475 added <p>ST Index Drawing; CN30, CN74, CN79 added</p> <p>CN18 Lists Ties added to armour rods</p> <p>CN30 Drawing and lists added</p>

PUBLIC

Date	Rev No.	Notes
		CN65 List; CN65_95AL, CN65_150AL, CN65_95CU, CN65_150CU removed CN74 Drawing and lists added CN79 Drawing and lists added
6/11/2019	6	CN79 <ul style="list-style-type: none"> • Update CN79 Drawing as per new stock item -CN79_3/275 • Additional CU CN79_3/275 in lists CN30_7/16 <ul style="list-style-type: none"> • FC0105 description: stainless steel 304 replaces galvanised steel CN30_3/275 <ul style="list-style-type: none"> • FC0105 description: stainless steel 304 replaces galvanised steel 1) CN48_TERM, <ul style="list-style-type: none"> • Stock No. EC2557 (22kV 185mm2 HV TR-xlpe) replaces EE2557 (185mm2 HV xlpe) cable CN48_33 <ul style="list-style-type: none"> • Stock No. EC2551 (33kV 185mm2 HV TR-xlpe) replaces EE2551 (185mm2 HV xlpe) cable CN53_TERMITE <ul style="list-style-type: none"> • Stock No. EC2169 (22kV 400mm2 HV TR-xlpe) replaces EE2169 (400mm2 HV xlpe) cable CN51_1PHASE <ul style="list-style-type: none"> • Stock No. EC2004 (50mm2 HV TR-xlpe) replaces EE2004 50mm2 HV xlpe cable
11/11/2020	7	CN Index List: <ul style="list-style-type: none"> • CN60 added. • CN74_19/325 added. CN Drawing Index: <ul style="list-style-type: none"> • CN60 Drawing added. CN60 new Drawing added. CN60 new List added. CN74 Drawing: <ul style="list-style-type: none"> • Drawing notes amended as per Technical Bulletin 2020/02. CN74_7/475 List: <ul style="list-style-type: none"> • CD0024 replaced with CD0025. CN74_19/325 new List added.
12/03/2021	8	CN Index List: <ul style="list-style-type: none"> • CN30 added. CN18 List: <ul style="list-style-type: none"> • Armour rod CF0240 has been added to cater AAC, AAAC and ACSR 7/3.75 conductor.

PUBLIC

Date	Rev No.	Notes
		CN30 Drawing: <ul style="list-style-type: none"> • Shows parallel groove clamps and splice. CN30 List: <ul style="list-style-type: none"> • Replace live line clamp CC0496 with CC0497. • Introduce splice CF0479 for 7/1.6 SC/GZ conductor. • Replace TWC with PG clamps CC0224.
13/05/2021	9	CN Index List: <ul style="list-style-type: none"> • CN44_TERM deleted. • CN49_TERM deleted. • CN50 deleted. CN44_TERM has been added. CN46_TERM List: <ul style="list-style-type: none"> • Change EE2558 to EC2558 System voltage has been added in title of DDC drawings of cables. DBT in equipment list or Termite protection in Description title have been added for cables where applicable.
17/01/2023	10	<ul style="list-style-type: none"> • Updated to new template. • CN74_6/1/275 deleted. • CN51_3PHASE: <ul style="list-style-type: none"> ○ EC1136 replaced with EC2003 • CN54_2M_SLAB description updated to match stock description. • CN80, CN81 and CN82 have been added.
19/01/2024	11	Drawing Updates <ul style="list-style-type: none"> • CN30 • CN74 CN35_10SL has been added. CN53 List <ul style="list-style-type: none"> • Stock code updated from EC1926 TO EC2198 CN56_150 has been added. CN18 <ul style="list-style-type: none"> • Line items added
2/5/2024	12	CN83_75, CN83_100, CN83_125 Drawings and Equipment lists added CN84 Drawing and Equipment list added Remove CN36_7/250 CN68_95/35 CC0079 replaces CC0088