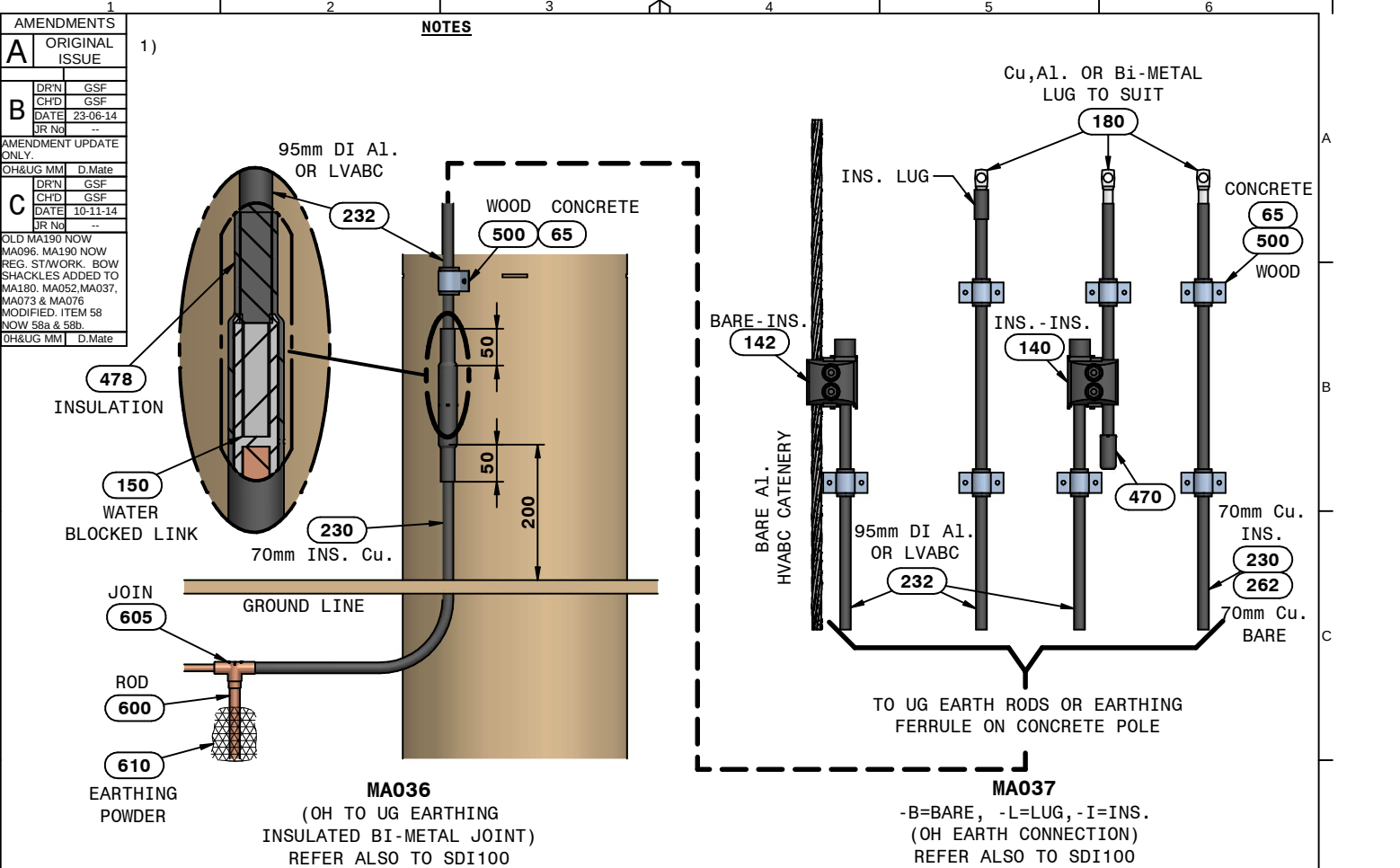
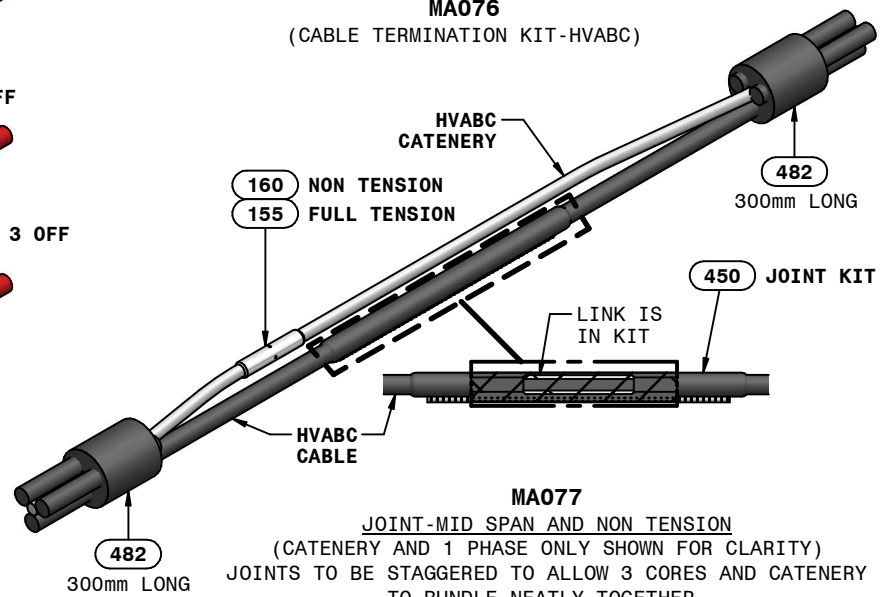
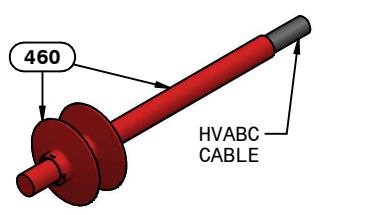
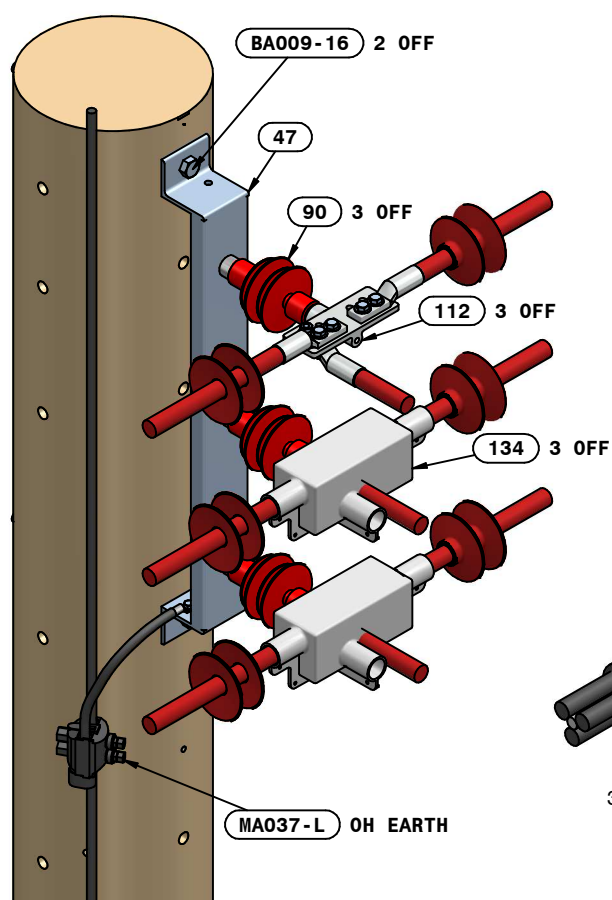
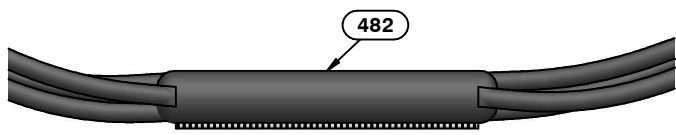
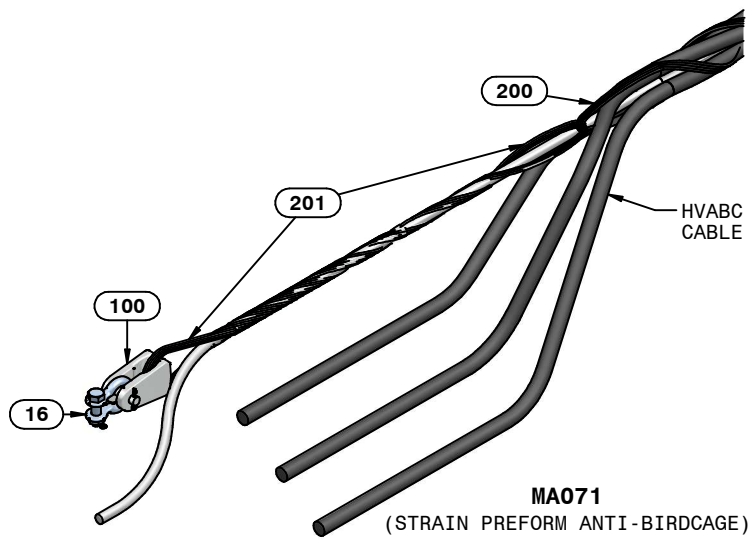
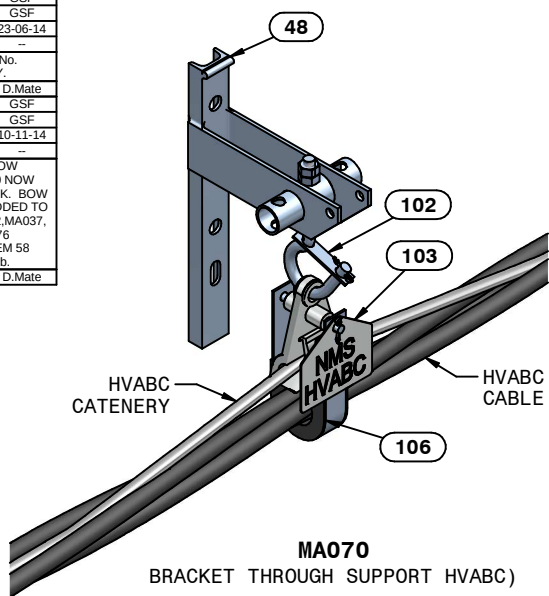




AMENDMENTS			
A	ORIGINAL ISSUE		
	DRN	GSF	
	CHD	GSF	
	DATE	23-06-14	
B	AMENDMENT No.		
	UPDATE ONLY		
	OH&UG MM	D.Mate	
	DRN	GSF	
C	AMENDMENT No.		
	UPDATE ONLY		
	OH&UG MM	D.Mate	
	DRN	GSF	
OLD MA190 NOW MA096. MA190 NOW REG. ST/WORK. BOW SHACKLES ADDED TO MA180. MA052, MA037, MA073 & MA076 MODIFIED. ITEM 58 NOW 58a & 58b.			
OH&UG MM D.Mate			

1)

NOTES



MA077
JOINT-MID SPAN AND NON TENSION
 (CATENERY AND 1 PHASE ONLY SHOWN FOR CLARITY)
 JOINTS TO BE STAGGERED TO ALLOW 3 CORES AND CATENERY TO BUNDLE NEATLY TOGETHER.
 ITEM 155-(FTS) USED ON MID SPAN JOINT-PG CLAMP OR IPC TO BE USED ON NON-TENSION JOINT AT POLE.
 ITEM 482-(ZIPPER SLEEVE) ONLY REQUIRED ON MID SPAN JOINTS.

MA075
 (INS. SUPPORT - HVABC
 TOP VERMIN COVER
 REMOVED TO SHOW DETAIL)

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	ORIGINAL SCALE	APPROVED	
		G. Ford	
	DRAWN G. Ford		
	DATE 22/04/09		
	CHD G. Ford	REF. F003P	



STANDARD ASSEMBLIES
 MISCELLANEOUS ITEMS
 BRACKETS - CONNECTORS

REFERENCE DRAWINGS		AUTHORISED	
DO NOT SCALE DIMENSIONS IN MILLIMETRES		W. Isley	
		MANAGER ASSET ENGINEERING 22/04/09	
A4		332002 C	
		SHEET No. 3 OF 5	

AMENDMENTS

A

ORIGINAL ISSUE

B

DRN DC
CHD SD
DATE 27-02-13
JR NO --

C

DRN GSF
CHD GSF
DATE 10-11-14
JR NO --

OLD MA190 NOW
MA096. MA190 NOW
REG. ST/WORK. BOW
SHACKLES ADDED TO
MA180. MA052, MA037,
MA073 & MA076
MODIFIED. ITEM 58
NOW 58a & 58b.
OH&UG MM D.Mate

NOTES

1)

140

MA090
(IPC LVABC MAIN
TO LVABC MAIN)

142

MA091
(IPC BARE MAIN
TO LVABC MAIN)

144

MA092
(IPC BARE MAIN
TO INS. SERVICE)

146

MA093
(IPC INS. CABLE
TO INS. SERVICE)

148

MA094
(IPC LV
SERVICE HSC)

149

MA096
(IPC HV CCT MAIN
TO HV CCT MAIN)

107

MA100
-95/150, -B
(CLAMP SUSP. LV
B=BREAK AWAY)

51

MA101
(HOOK LV DOUBLE
SUSPENSION)

109

MA102
(CLAMP STRAIN
LV MAIN)

110

MA103
(CLAMP STRAIN
LV SERVICE)

50

MA104
(BRACKET LVABC
STRAIN)

470

MA105
(END CAP LV)

170

MA110
(LVABC UGOH TRANSITION JOINT)

150

MA112
(LV BARE UGOH TRANSITION JOINT)

240mm A1
SECTOR
CABLE

50mm LONG
PHASE BAND

HEATSHRINK
DOWN TO
BREAKOUT
GLOVE

130mm LONG
MASTIC LINED
HEATSHRINK

CENTRE
WATER
BLOCKED
CRIMPLINK

Cu OR A1 TAIL
200-250mm LONG
TO SUIT O.H.
CONDUCTOR

DO NOT SCALE
DIMENSIONS IN MILLIMETRES

MANAGER ASSET ENGINEERING 22/04/09

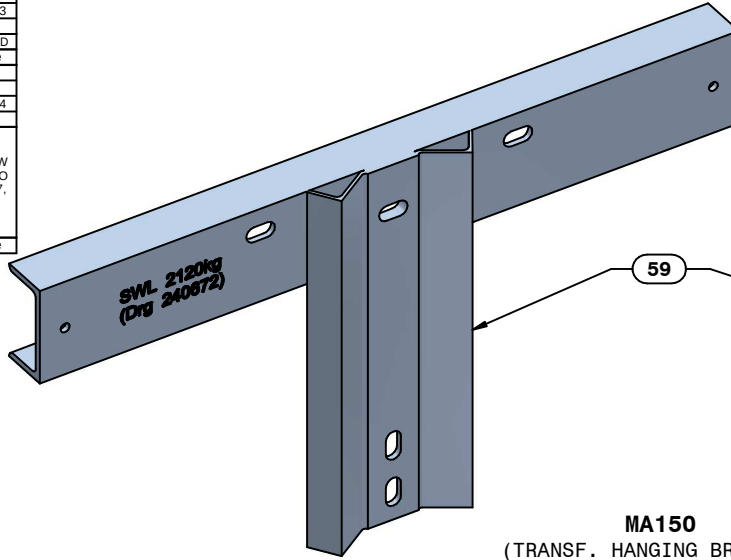
332002 C

SHEET No. 4 OF 5

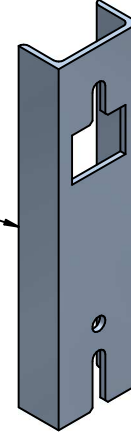
AMENDMENTS			
A	ORIGINAL ISSUE		
	DRN	DC	
	CHD	SD	
B	DATE	25-07-13	
	UR No		
	MA180 & MA190 ADDED		
C	OH&UG MM	D.Mate	
	DRN	GSF	
	CHD	GSF	
	DATE	10-11-14	
	UR No		
	OLD MA190 NOW		
	MA096, MA190 NOW		
	REG. ST/WORK. BOW		
	SHACKLES ADDED TO		
	MA180, MA052, MA037,		
	MA073 & MA076		
	MODIFIED. ITEM 58		
	NOW 58a & 58b.		
	OH&UG MM	D.Mate	

1)

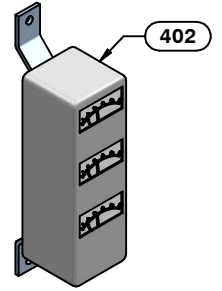
NOTES



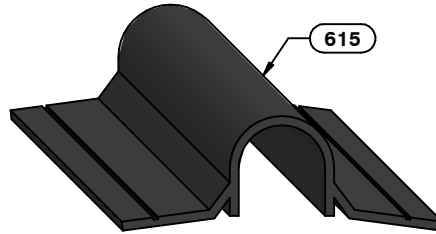
(TRANSF. HANGING BRACKET > 63KVA)



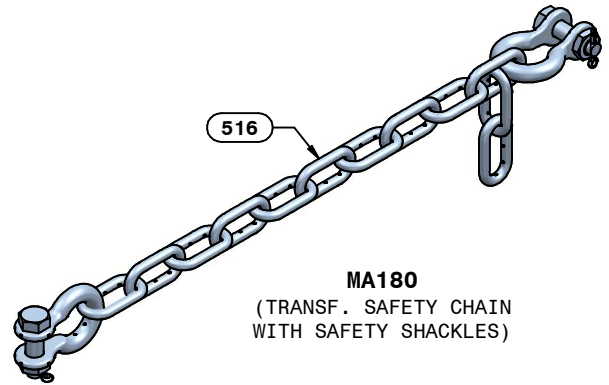
(TRANSF. HANGING BRACKET ≤ 63KVA)



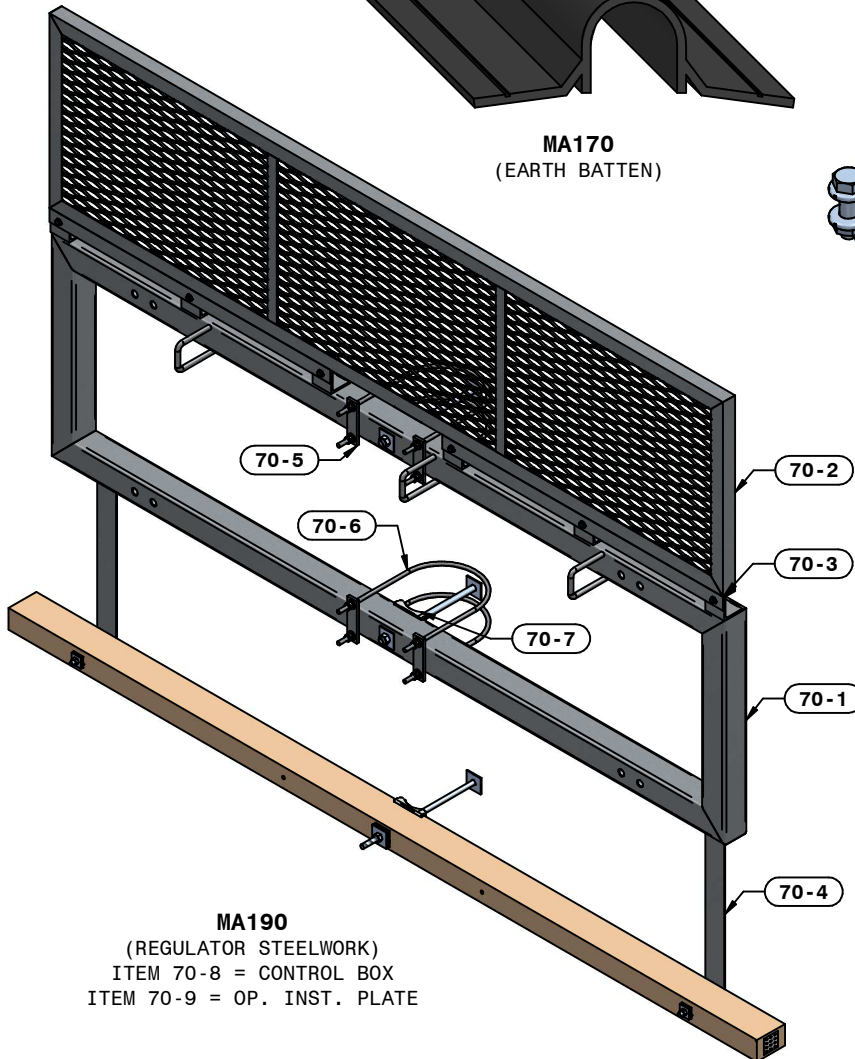
MA155
(MDI 3 PHASE)



MA170
(EARTH BATTEN)



MA180
(TRANSF. SAFETY CHAIN
WITH SAFETY SHACKLES)



MA190
(REGULATOR STEELWORK)
ITEM 70-8 = CONTROL BOX
ITEM 70-9 = OP. INST. PLATE

	ORIGINAL SCALE	APPROVED	
		G. Ford	
	DRAWN	G. Ford	
	DATE	22/04/09	
	CHD	G. Ford	
	REF.	F003P	



STANDARD ASSEMBLIES
MISCELLANEOUS ITEMS
BRACKETS - CONNECTORS

REFERENCE DRAWINGS		AUTHORISED	
DO NOT SCALE DIMENSIONS IN MILLIMETRES		W. Isley	
MANAGER ASSET ENGINEERING		22/04/09	
A4	332002	C	
SHEET No. 5 OF 5			