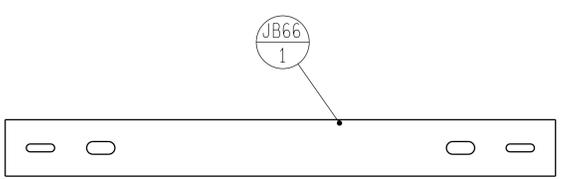
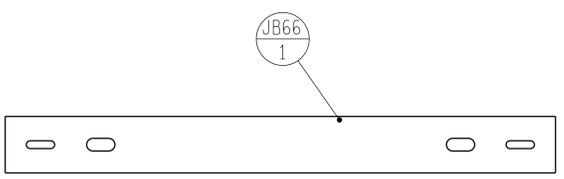
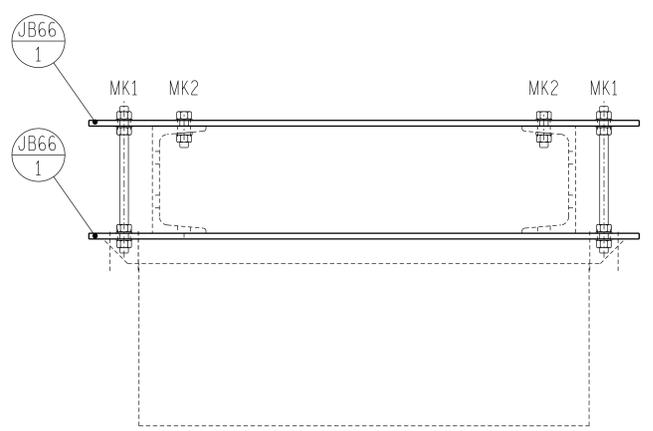


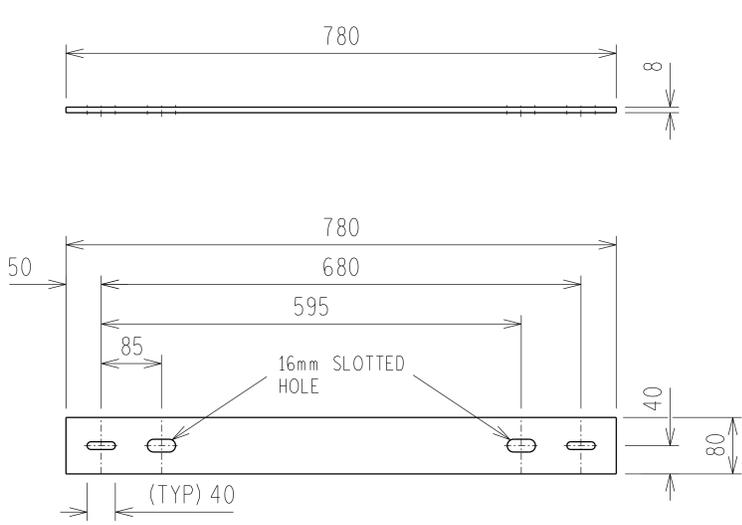
A
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C
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E
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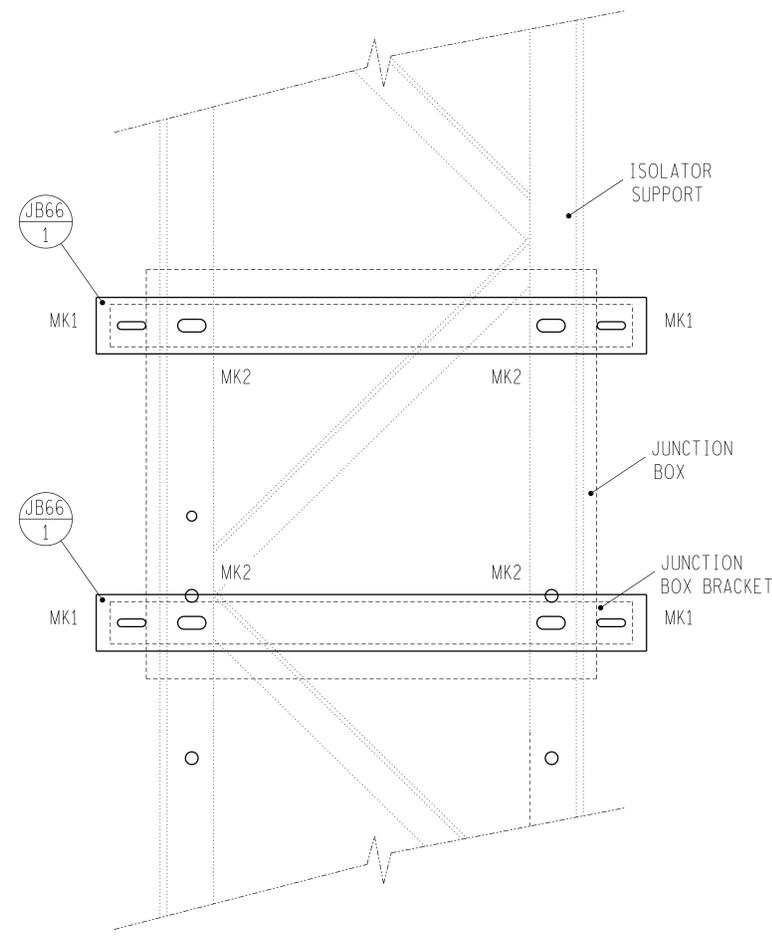
ISOLATOR JB SUPPORT
SCALE 1:10



ISOLATOR JB SUPPORT
PLAN VEIW
SCALE 1:10



ISOLATOR JB SUPPORT
SCALE 1:10



ISOLATOR JB SUPPORT
FRONT VEIW
SCALE 1:10

NOTES:

- 1 ALL STRUCTURAL USE OF STEEL TO CONFORM TO SANS 10162.
- 2 GRADE OF STEEL TO BE SANS 1431 GRADE 350WA.
- 3 STEELWORK TO BE HOT DIP GALVANISED TO SANS 121.
- 4 STEELWORK TO BE CHECKED AND STRAIGHTENED AFTER GALVANISING.
- 5 ALL MARKINGS TO BE STAMPED ON TO STEELWORK AND SHALL BE CLEARLY LEGIBLE AFTER GALVANISING.
- 6 BOLTS, THREADED ROD, NUTS AND WASHERS TO BE IN ACCORDANCE WITH SANS 1700.
- 7 NO STEEL EXTENSIONS WILL BE ALLOWED ON ANY STEELWORK.
- 8 NO SECTIONS TO BE BUTT WELDED.
- 9 ALL STEELWORK TO BE FABRICATED, ERECTED AND LEVELLED TO A TOLERANCE OF + - 1.5mm.
- 10 ALL HOLES TO BE 12mm UNLESS OTHERWISE STATED.

BOLT SCHEDULE/THREADED ROD									
MARK	BOLT SIZE mm	MILD STEEL GRADE	PITCH mm	LENGTH mm	NO OFF BOLTS	NO OFF NUTS	NO OFF WASHERS	TORQUE Nm	TOTAL MASS kg
1	M10	4.8	2	200	4 THREADED ROD	16	16	120	1.25
2	M16	4.8	2	50	2	2	2 FLAT 2 BEVEL	120	0.58
MASS OF BOLTS, WASHERS AND NUTS									1.83

ITEM	QTY	SCHEDULE OF MATERIAL	CUTTING LENGTH (mm)	TOTAL LENGTH (m)	TOTAL MASS (kg)
JB66-1	4	MILD STEEL FLAT BAR 780 x 8	780	3.12	15.68

D-DT-5203	SHEET 2A	ISOLATOR STD - 66kV MANUAL
DRG NO.	SHEET NO:	REFERENCE DRAWINGS:

THIS DRAWING IS THE NEW OFFICIAL REVISION AND IT SUPERSEDES ALL OTHER PUBLISHED DRAWINGS

0	FIRST ISSUE				/ /	
REV	REVISION DESCRIPTION	BY	CHKD	AUTH	DATE	PROJECT NO.

Eskom

AUTH: NM WEBBER
DATE: 21/08/2018
CHKD: A GWELANA
DATE: 21/08/2018
DRAWN: BM HLOMENDLINI
DATE: 21/08/2018

WESLEY SUBSTATION
66/22kV
66kV ISOLATOR JUNCTION BOX BRACKET

D-EC-860

SET	SHEET	REVISION
	15	0

SAP No.
SCALE 1:10
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