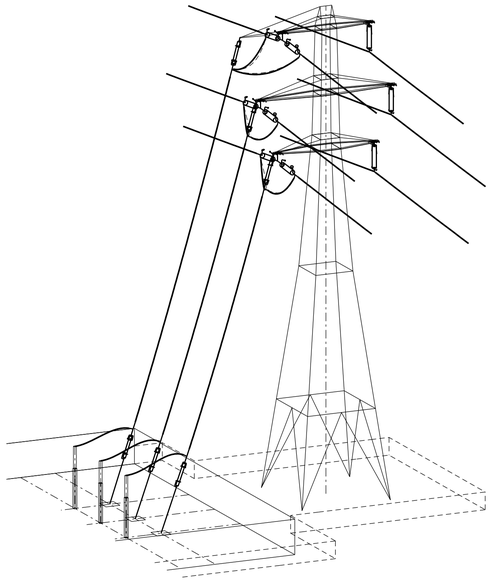
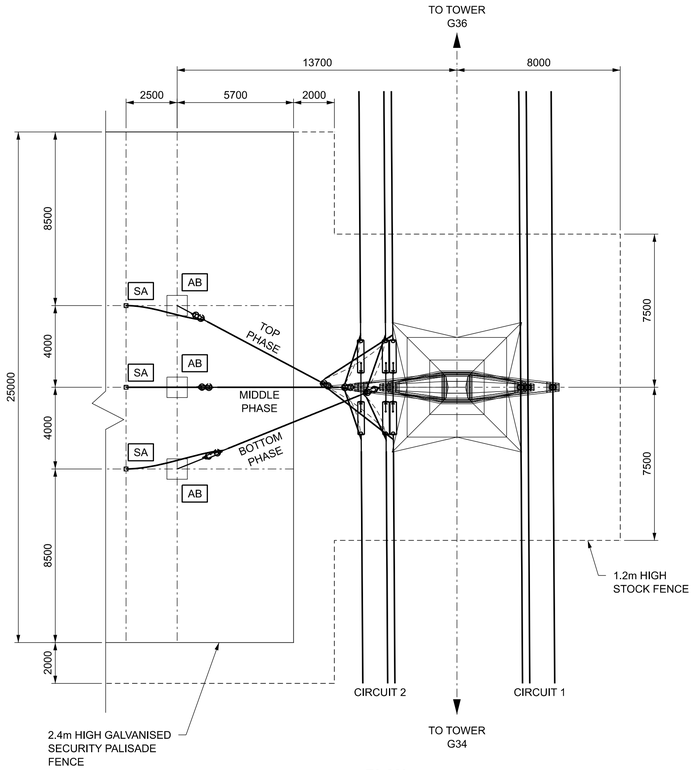
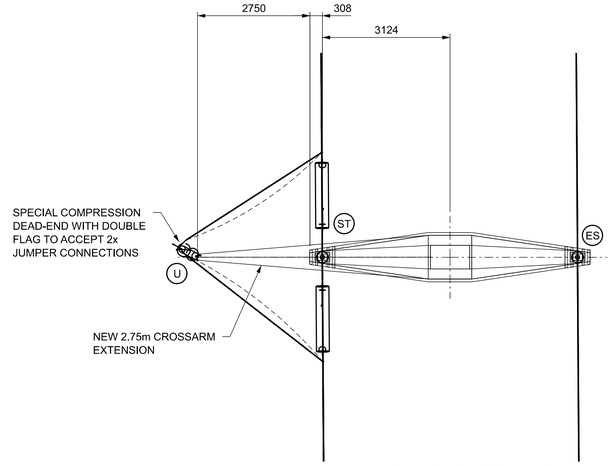


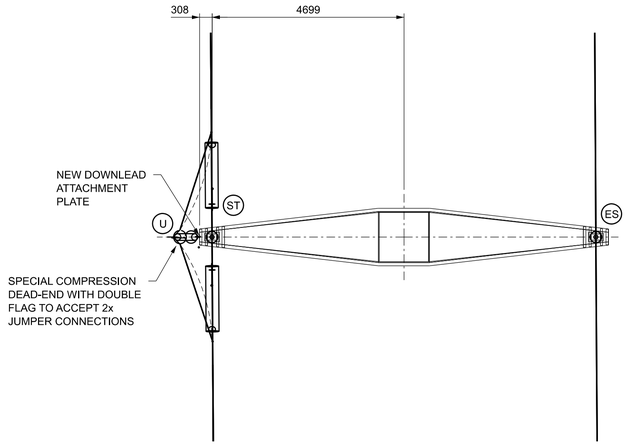
DIMETRIC VIEW
(NOT TO SCALE)



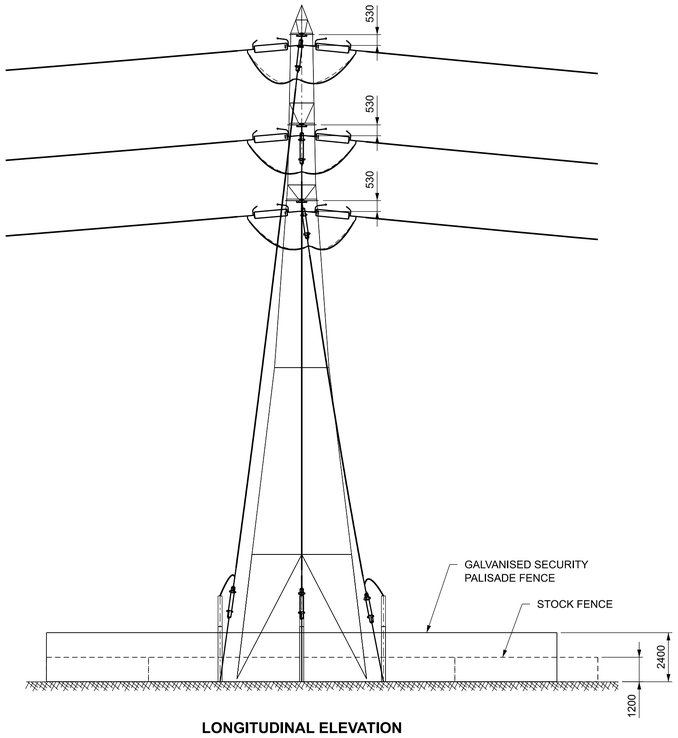
PLAN



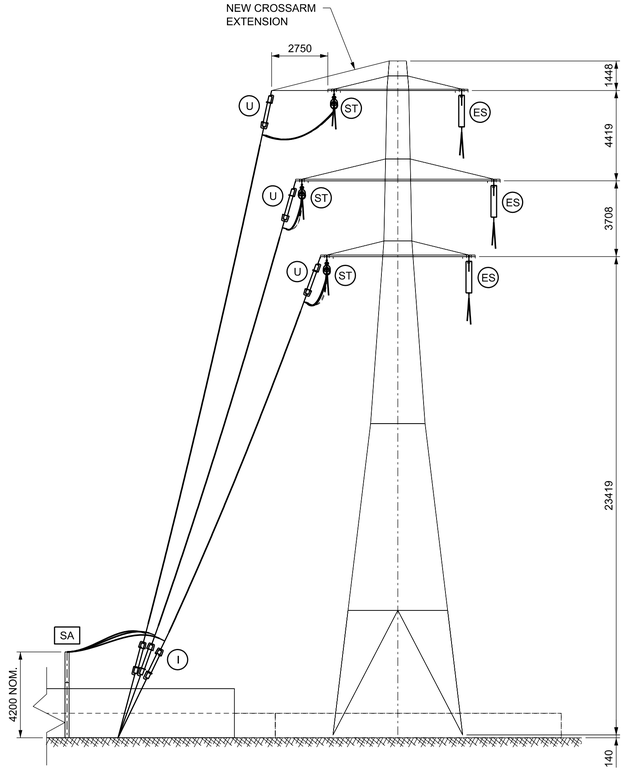
PLAN ON TOP CROSSARMS
(SCALE - 1:75)



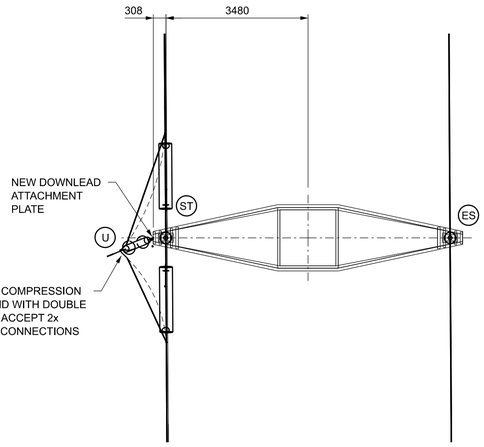
PLAN ON MIDDLE CROSSARMS
(SCALE - 1:75)



LONGITUDINAL ELEVATION ON CIRCUIT 2 ONLY



TRANSVERSE ELEVATION



PLAN ON BOTTOM CROSSARMS
(SCALE - 1:75)

REV	DATE	BY	CHKD	APPD
A	22/11/19	RTM	PCC	JHC

DESCRIPTION: FIRST ISSUE

GENERAL NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETRES (mm) UNLESS NOTED OTHERWISE.
2. PHASE CONDUCTOR ASSUMED TO BE 1x500mm² AAAC RUBUS.
3. L7(c) D TOWER MODEL BASED UPON BALFOUR BEATTY DRAWING A0/PTD/1190/1 (JE35/33006).
4. EXISTING INSULATOR SET DETAILS BASED UPON SITE PHOTOS OF AS-INSTALLED ARRANGEMENTS.
5. NEW LOW DUTY COMPOSITE INSULATOR SET DETAILS BASED UPON TYPICAL 132kV UNITS.
6. NEW SUSPENDED TENSION SET DETAILS BASED UPON LSTC DRAWING 52_LSTC_ISD_006. 530mm DROP DISTANCE SUBJECT TO DETAILED DESIGN CHECKS.
7. DOWNLEADS MODELLED WITH NOMINAL 1.0m MID-POINT SAG.
8. SEALING END COMPOUND LAYOUT BASED UPON WESTERN POWER SITE LAYOUT PLAN GCS0019-1 Rev 4.
9. SEALING END COMPOUND GROUND LEVEL AS SHOWN IS BASED ON HISTORIC LIDAR DATA. NEW SURVEY REQUIRED TO DETERMINE ACTUAL FINISHED GROUND LEVEL.
10. THIS ARRANGEMENT IS CONCEPTUAL ONLY AND IS SUBJECT TO DETAILED DESIGN, INCLUDING STRUCTURAL AND FULL WIRE CLEARANCE CHECKS. HOWEVER, SUFFICIENT CHECKS HAVE BEEN UNDERTAKEN TO PROVE THE VIABILITY OF THIS SOLUTION (CLEARANCES CHECKED TO THE REQUIREMENTS OF ENATS 43-125).
11. THIS DRAWING TO BE READ IN CONJUNCTION WITH FEASIBILITY REPORT 20_191040_01.

KEY:

- (ES) EXISTING SUSPENSION SET
- (ST) NEW SUSPENDED TENSION SET
- (U) UPRIGHT LOW DUTY TENSION SET
- (I) INVERTED LOW DUTY TENSION SET
- [AB] ANCHOR BLOCK
- [SA] SURGE ARRESTER

CDM RESIDUAL RISK

- ☐ DESIGN BASED HAZARDS ARE ACTIVELY ELIMINATED WHERE PRACTICAL. WHERE HAZARDS ARE NOT ELIMINATED THEY ARE IDENTIFIED BY THIS SYMBOL.
- ☐ HAZARDS / RISKS THAT SHOULD BE CONSIDERED BY A COMPETENT CONTRACTOR ARE NOT IDENTIFIED

IF IN DOUBT ASK ENGINEER / DESIGN OFFICE

VIEW CONVENTION: THIRD ANGLE

CLIENT

PROJECT: SEVERN ROAD, SEABANK
132kV CONNECTION TO 'G' ROUTE

TITLE: CONCEPT 132kV DOWNLEAD ARRANGEMENT TO ANCHOR BLOCKS FOR SINGLE POINT OF CONNECTION AT TOWER G35 (L7(c) D E6)

SCALE	1:150 (UNO)	DESIGNED	JHC
DATE	21/11/19	CHECKED	PCC
DRAWN	RTM	APPROVED	JHC

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ORIGINAL SIZE	DRAWING NUMBER	REV
A1	23_191040_02	A