132kV OHL Work No.1 Profiles - Alternative Terminal Option

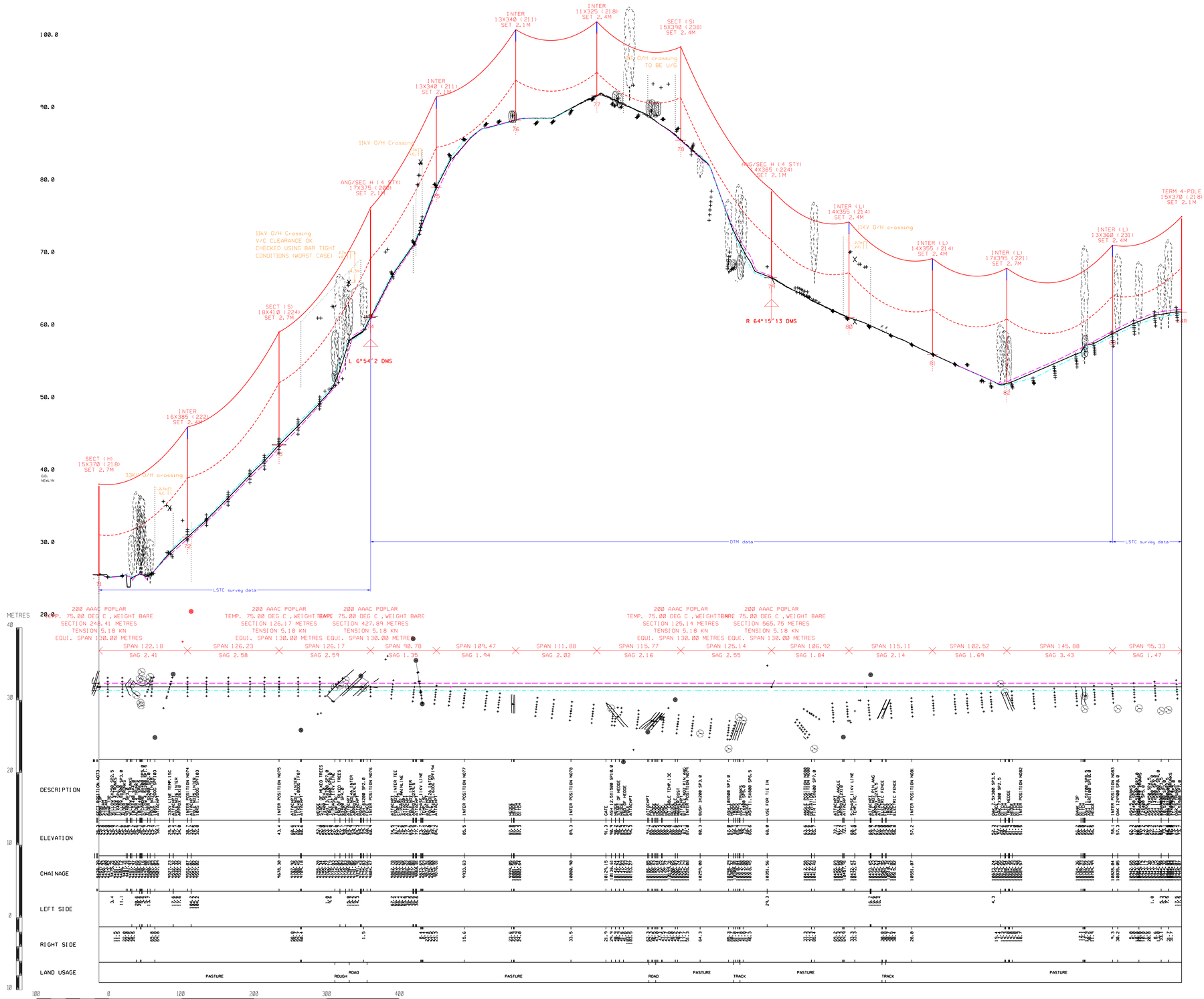
January 2016

Brechfa Forest Connection Project

CYSWLLT COEDWIG Brechfa FOREST CONNECTION

WESTERN POWER DISTRIBUTION

WESTERN POWER DISTRIBUTION (BRECHFA FOREST CONNECTION) ORDER
DESIGN DRAWINGS
(REGULATION 5(2)(o))
ALTERNATIVE TERMINAL OPTION



Key

- SIDESLOPE AT 5.0m LT
- SIDESLOPE AT 5.0m RT
- Pole
- Conductor
- Ground Clearance
- Existing Infrastructure Position

Notes

1. WOOD POLE DESIGN BASED OM WPD SPEC: OHIB/1
2. ALL STRUCTURE CAPACITIES HAVE BEEN DESIGNED TO THE ASSUMED GROUND TYPE 2 (AVERAGE/POOR SOIL.
3. STANDARD PLANTING DEPTHS FOR UNSTAYED POLES = 2.4m STAYED POLES = 2.1m. POLE DEPTHS INCREASED BY 300mm WHERE REQUIRED.
4. OHL SAGS BASED ON POPLAR AAAC CONDUCTOR FOR SIDE SLOPE CHECKS. IN GENERAL, CENTRE PHASE (POPLAR OPPC) MAY HAVE SLIGHTLY LARGER SAGS, SPAN DEPENDANT.
5. SURVEY DATA: JAN 2015 LSTC

SCALE:
1:200 VERTICAL; 1:2000 HORIZONTAL

This drawing is scaled at paper size A0, therefore any prints taken at smaller sizes will affect accuracy of the measurement units and should not be scaled against.

ISSUE	DATE	COMMENTS	DRAWN	CHK'D	APP'D
A	NOV 15	FOR DCO SUBMISSION	JH	GS	AJH

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WESTERN POWER DISTRIBUTION

TITLE:

132kV OHL WORK No.1 PROFILES
BRECHFA FOREST CONNECTION ORDER
(REGULATION 5(2)(o))
ALTERNATIVE TERMINAL OPTION

ORIGINATOR DRAWING No.	APPLICATION No.	CAD
58_13571_111	EN020016	A0
PROJECT DRAWING No. 15/WPD/106		SCALE -
SHEET 1 OF 1		ISSUE A