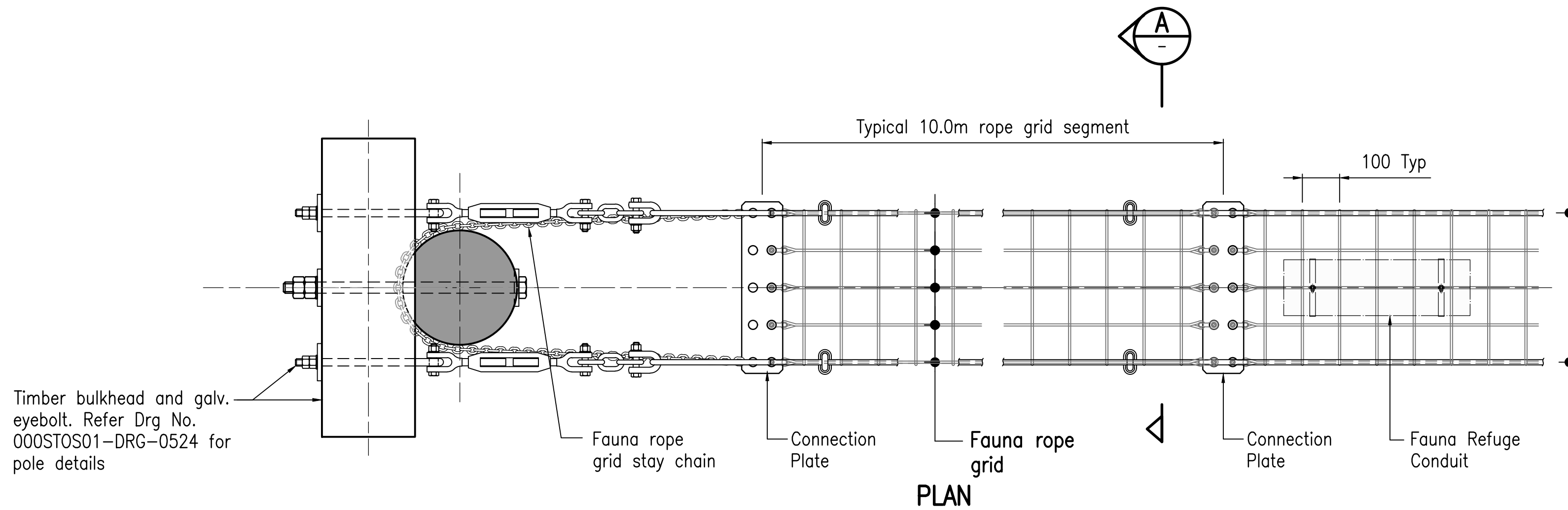
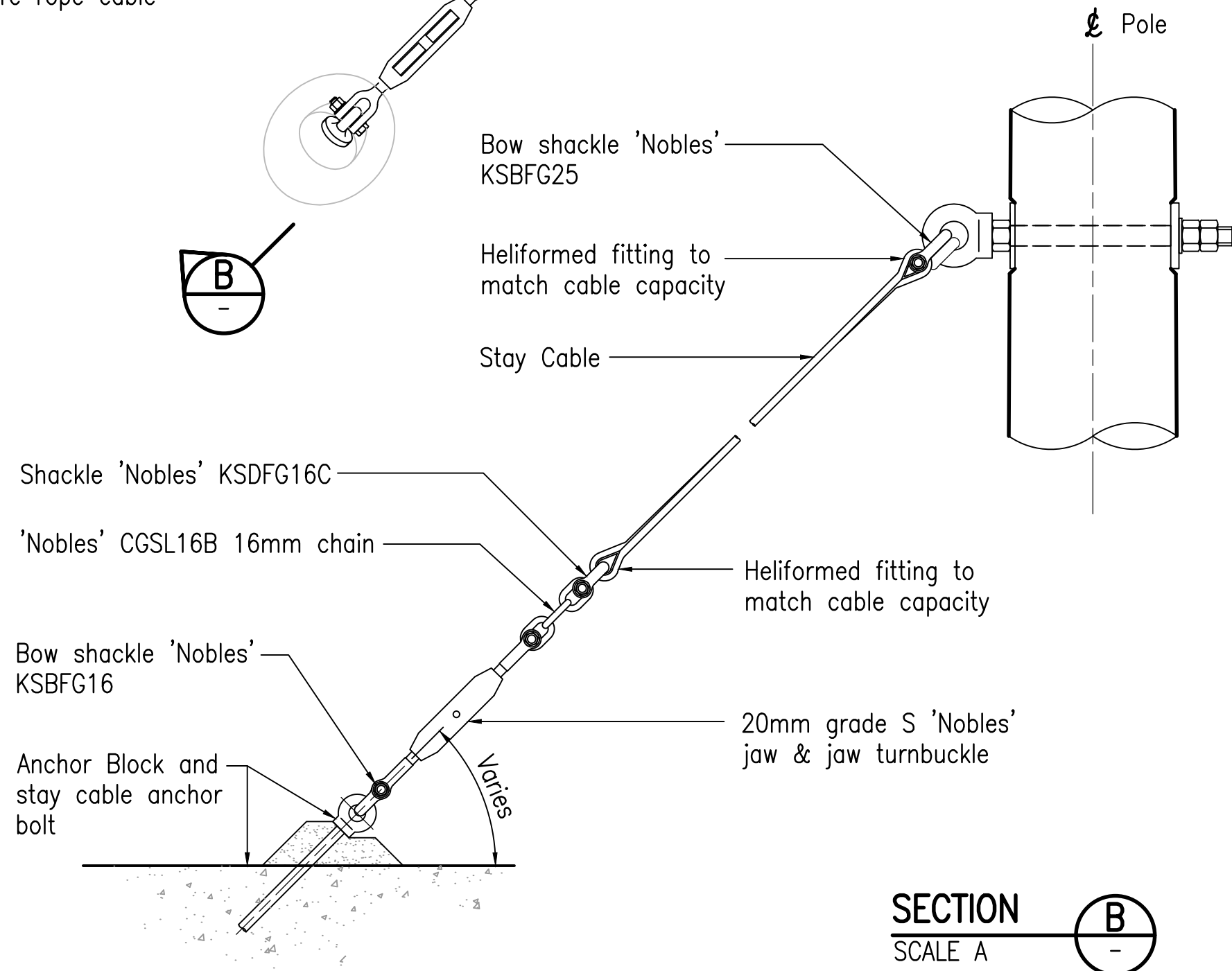
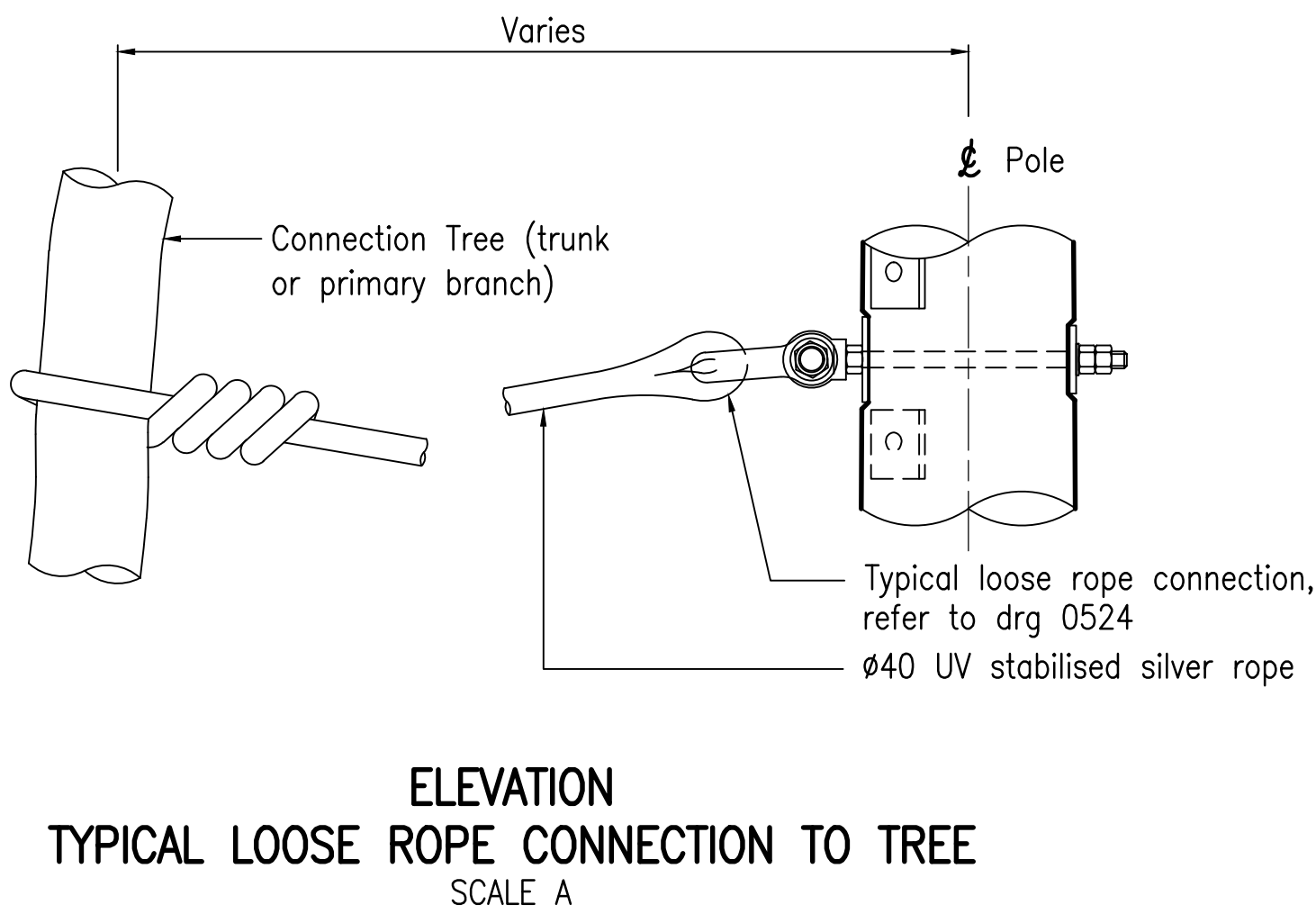
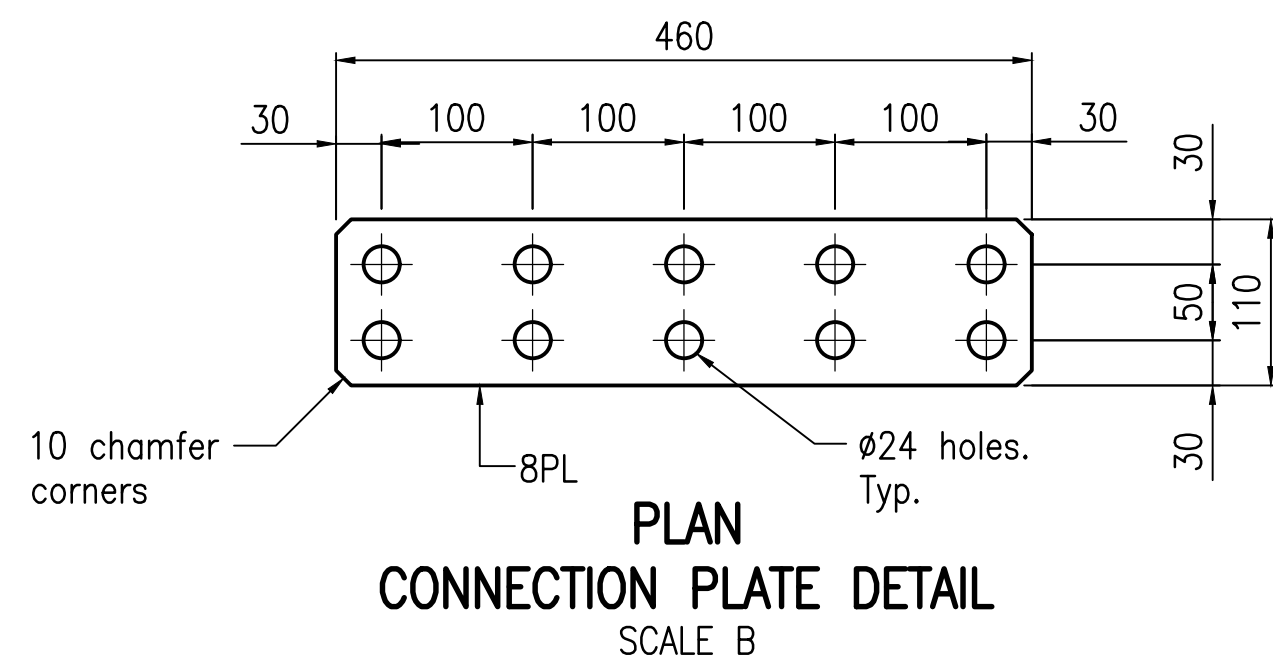
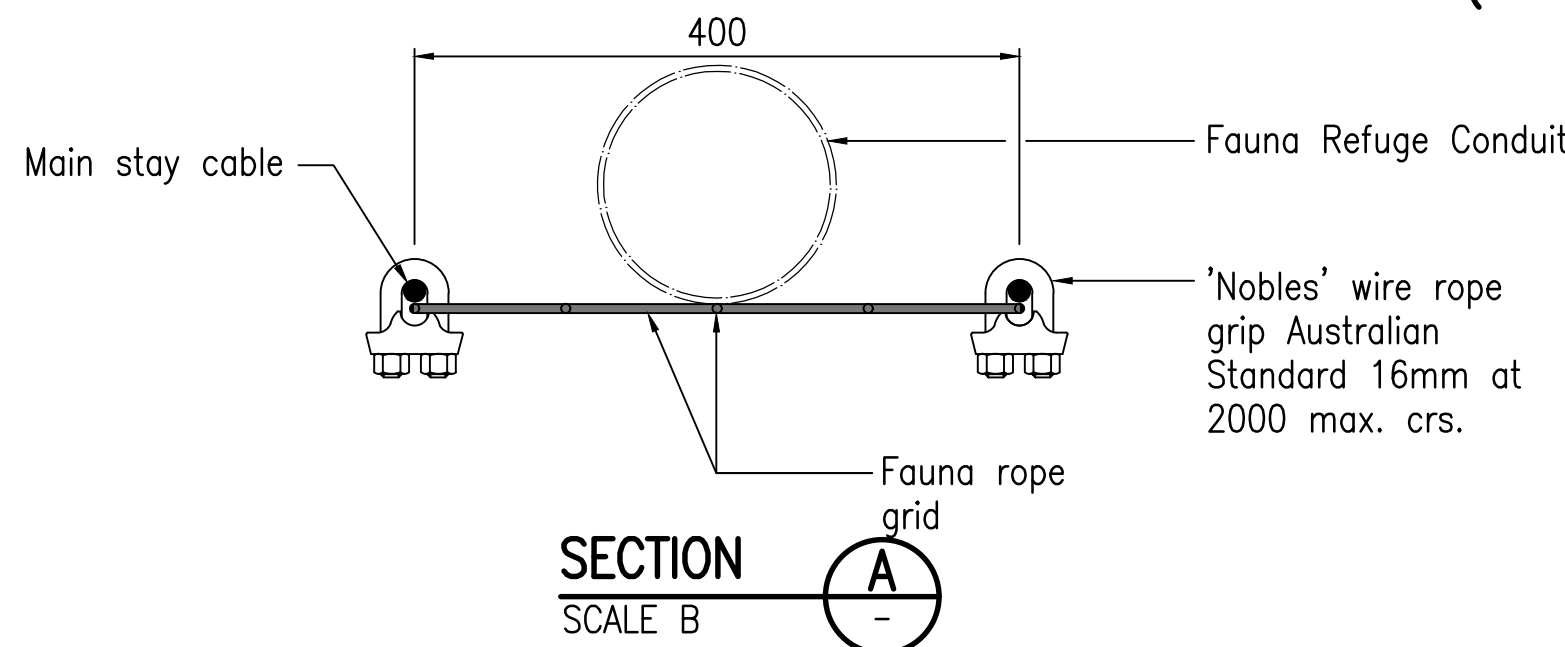
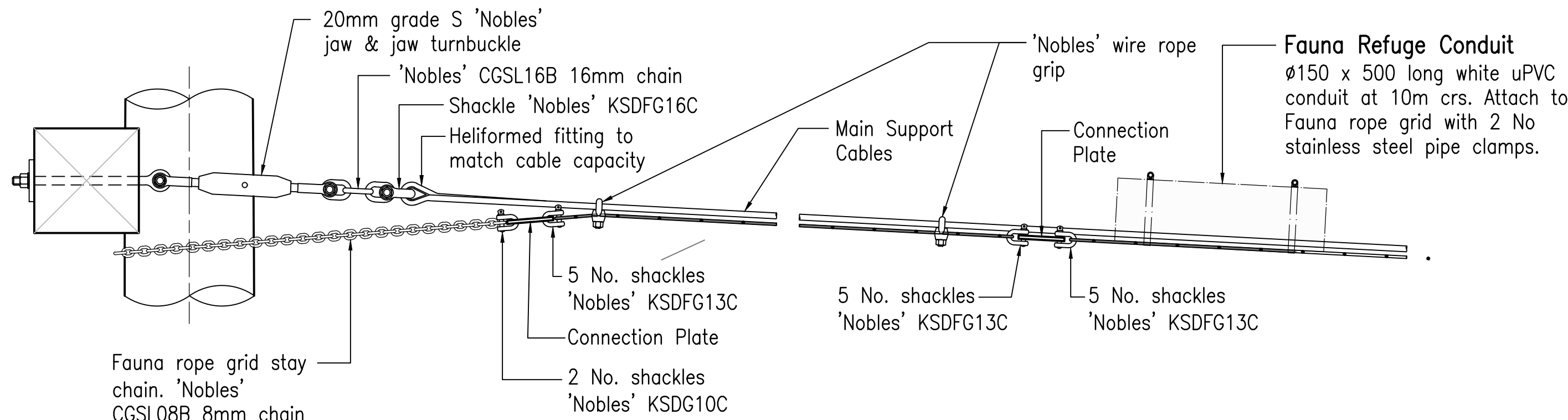
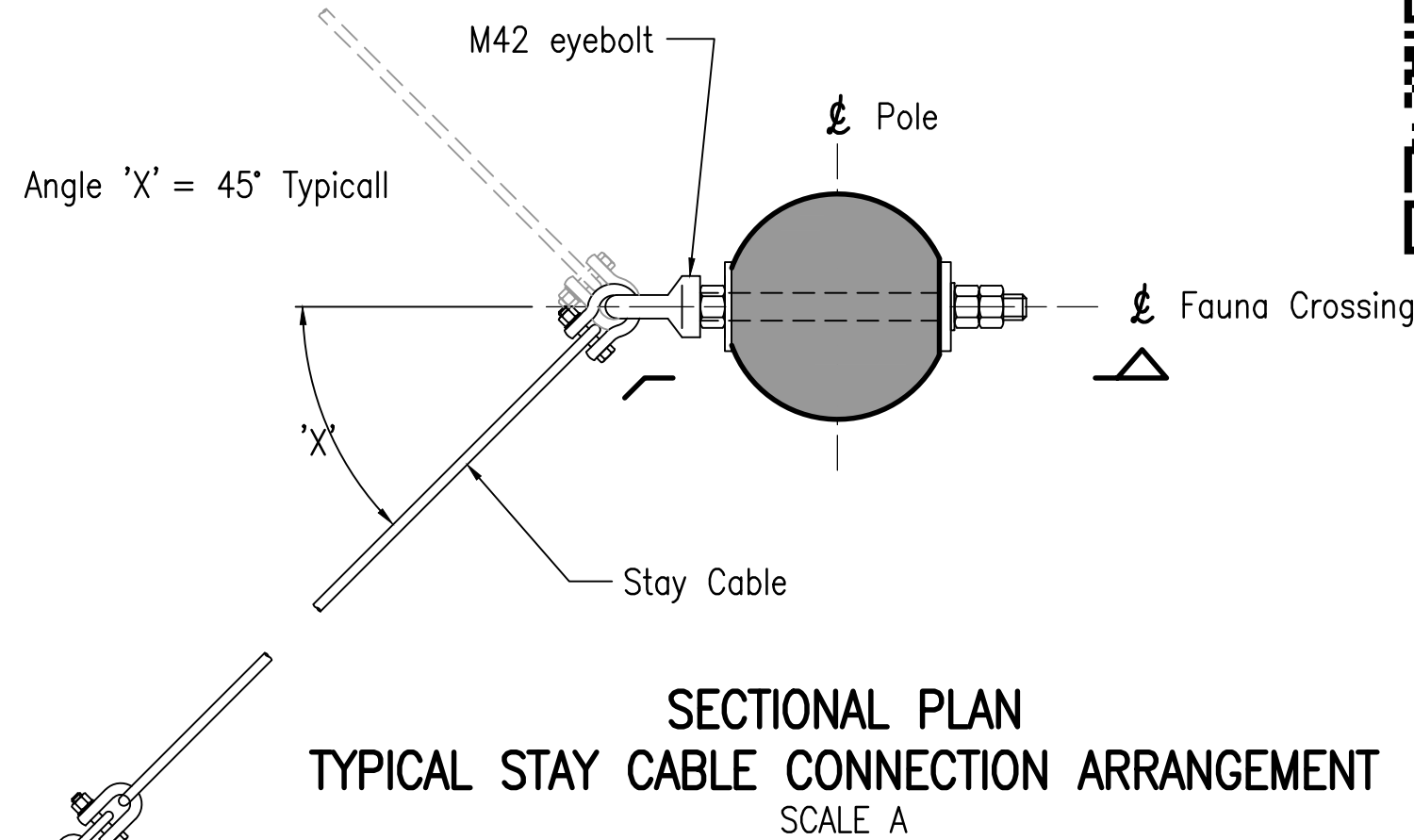




Main Support Cables
2 No. $\phi 13.8\text{mm}$ SC/GZ galv. steel conductor 19/2.75 in accordance with AS1222.1 (or approved equivalent) wire rope cable



CABLE AND RIGGING SPECIFICATION

Main Support Cables:
 $\phi 13.8\text{mm}$ SC/GZ galvanised steel conductor 19/2.75 in accordance with AS1222.1 (or approved equivalent) wire rope cable.

Stay Cables:
 $\phi 13.8\text{mm}$ SC/GZ galvanised steel conductor 19/2.75 in accordance with AS1222.1 (or approved equivalent) wire rope cable.

Fauna Rope Grid:
 $\phi 14\text{mm}$ UV stabilised silver rope.

Capacity of all shackles, chains and turnbuckles for Main Support & Stay Cables shall be minimum 2.1t WLL U.N.O.

FAUNA LADDER AND CABLE SCHEDULE

SPAN No.	SPAN DISTANCE (m)	INSTALLED CABLE DEFLECTION* (mm)	MAXIMUM FORCE IN MAIN SUPPORT CABLES (kN)
1	40.1	2505	5

* Staging tension and midspan self weight deflection at ambient air and steel strand temperature of $18^{\circ}\text{C} \pm 3^{\circ}\text{C}$

NOTES

- For General Notes refer Drgs 000STOS01-DRG-0006 and 0007.
- Length of Main Stay Cable is to be determined by the contractor after fauna pole installation.

DESIGN CODE AND DESIGN LOADING: AS5100-2004, AS1170.2-2011 AND TMR DESIGN CRITERIA FOR BRIDGES AND OTHER STRUCTURES

Associated Job Nos	Survey Data
	Datum GDA94
Auxiliary Drg Nos	Horiz. Grid MGA94 (Z56)
	Height Origin AHD Derived
	Survey Books 280002

Scale
A 0 100 200 300 400mm
0 50 100 150 200mm
Dimensions shown in millimetres except where shown otherwise

SUNSHINE COAST COUNCIL				
BRUCE HIGHWAY (BRISBANE - GYMPIE)				
CTL CHGE 58380 - 67200				
Reference Points				
Preceding RP	Dist. to start of job (km)	From start to end of job	From end to Following RP	Following RP
13	9.02	8.92	5.6	21A
Through Chainage from Start Rd 10A - Ch. 58.38 to 67.20km				

Drawn	M. Alzate
Checked	B. Condon
Designed No.	A. Wood 12641
Verified No.	E. O'Donovan 12689
Design Reviews (RPEQ)	
F. Ngu	Date: 20/12/18
No. 10510	

MISCELLANEOUS STRUCTURES ROPE LADDER CROSSING DETAILS - SHEET 2

ENGINEERING CERTIFICATION (RPEQ)			
ENG. AREA	NAME	SIGNATURE	NO. DATE
Structural	A. Wood	A. Wood	12641 20/12/18

Job No.	280/10A/1
Contract No.	NCHD-3074
Drawing No.	732318 A
Series Number	MS-16 of 37
MRB_Detail (02/14) BR Drgs 22 of 43	