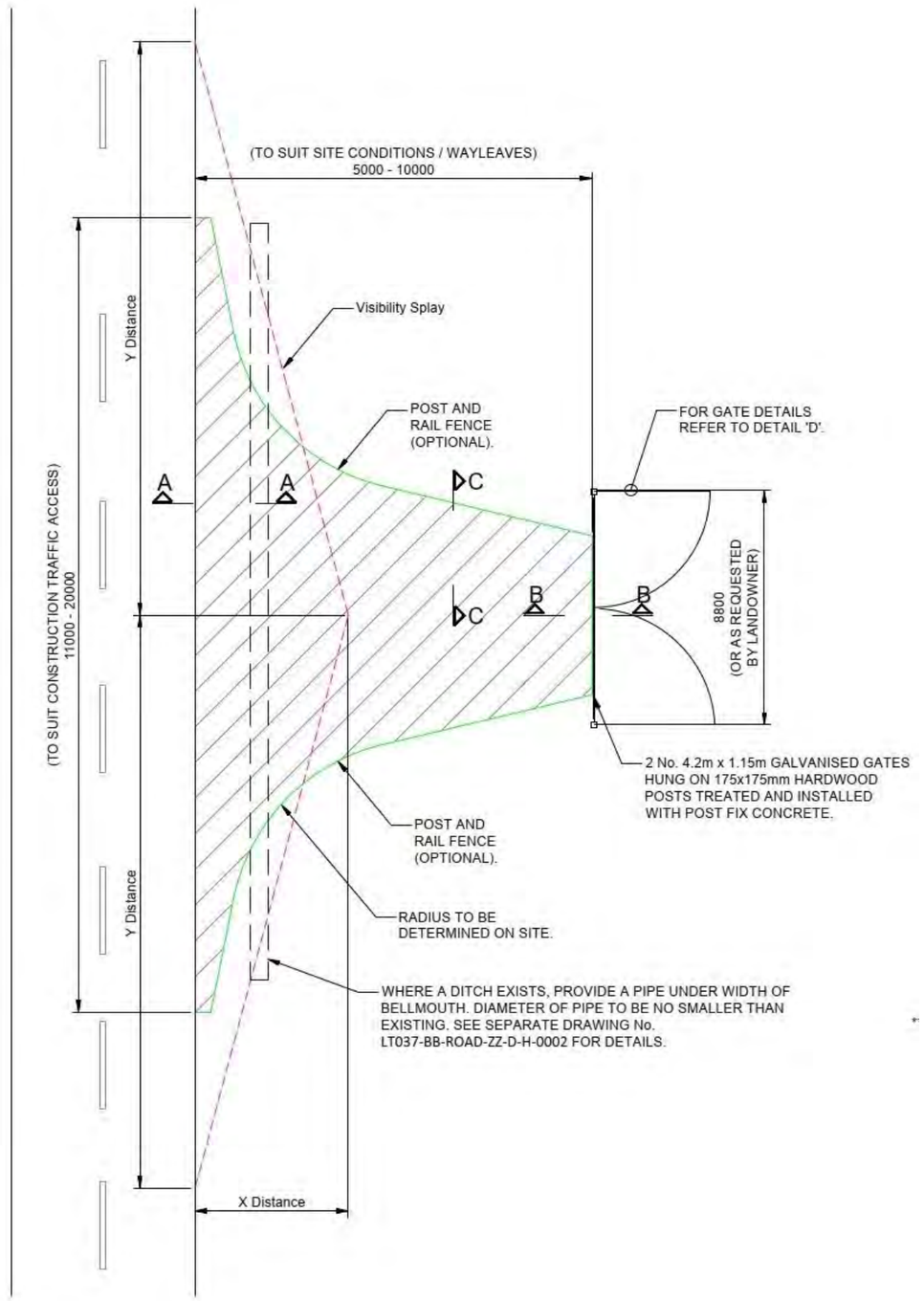
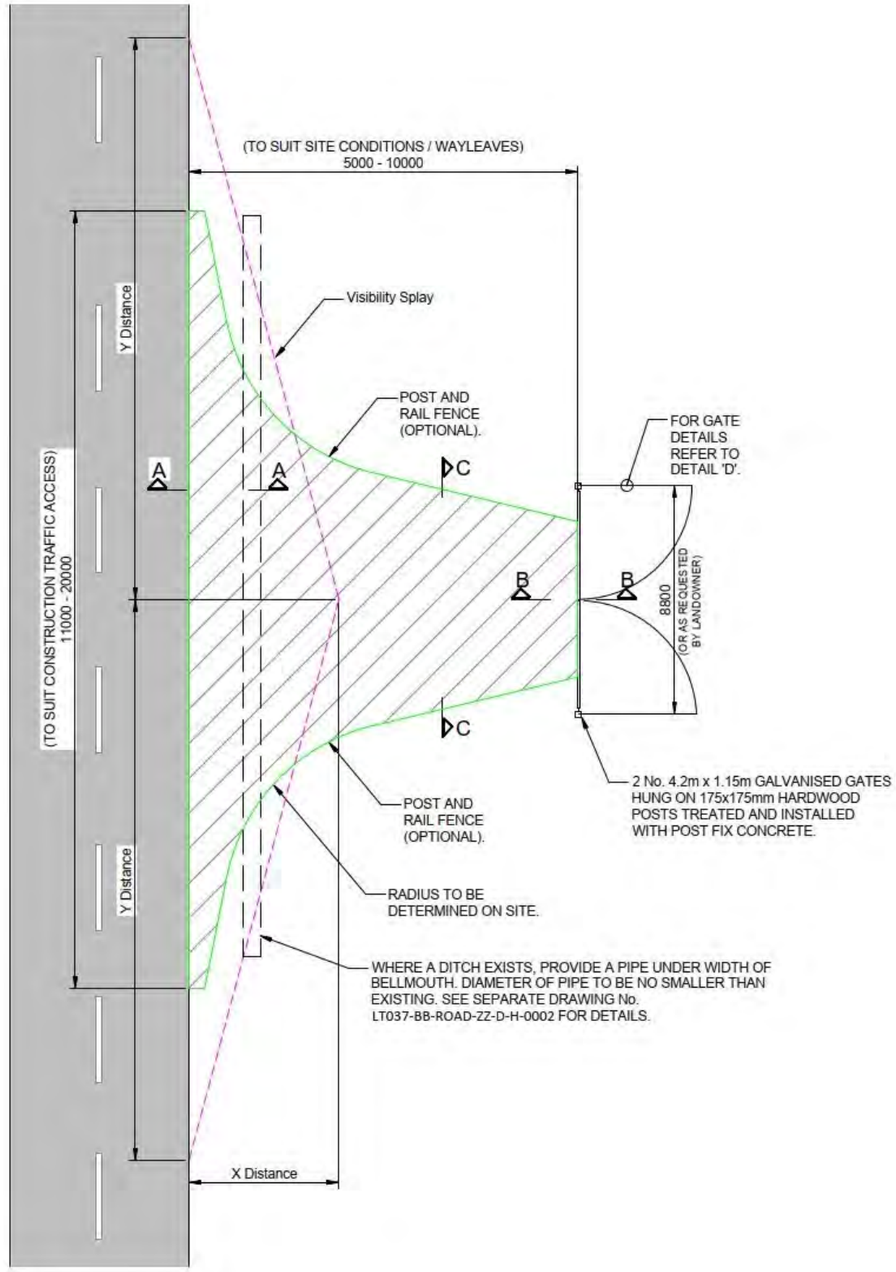
Scottish & Southern Electricity Networks

TRANSMISSION



GENERIC BELLMOUTH DETAIL



EXISTING BELLMOUTH UPGRADE

NOTES

1. ALL DIMENSIONS IN MILLIMETRES UNLESS NOTED OTHERWISE AND MUST BE CHECKED ON SITE & NOT SCALED FROM THIS DRAWING.
2. THE CONTRACTOR SHALL MAKE A SURVEY OF THE SITE & SHALL BE RESPONSIBLE FOR ALL DIMENSIONS & LEVELS NECESSARY FOR THE PROPER CONSTRUCTION OF THE STRUCTURES INDICATED.
3. THE FORMATION SHALL BE FREE FROM DEBRIS, TOPSOIL & DELETERIOUS MATTER AND ANY SOFT SPOTS ENCOUNTERED SHALL BE REMOVED & BACKFILLED WITH ENGINEERED GRANULAR MATERIAL, LAID & COMPACTED AS PER NOTE 6.
4. SITE ENGINEER TO REVIEW SERVICE DRAWINGS BEFORE COMMENCEMENT OF THE WORK.
5. CBR VALUES SHOULD BE DETERMINED ON LOCATION USING MEXE PROBE.
6. ALL LAYERS TO BE ROLLED IN ACCORDANCE WITH TABLE 8/5 OF SERIES 800 VOLUME 1 IN THE SPECIFICATION FOR HIGHWAY WORKS.
7. DURING CONSTRUCTION EVERY EFFORT SHOULD BE MADE TO PROTECT THE SUB-GRADE BY CONSTRUCTING AND PROTECTING FOUNDATION LAYERS BEFORE RAIN CAN SOFTEN IT.
8. SUB-GRADE TO BE PREPARED THROUGH PROOF ROLLING OF RIPPED AND RE-COMPACTED INSITU MATERIAL TO A DEPTH OF 150mm.
9. FORMATION SHALL BE SHAPED TO KEEP IT FREE OF STANDING WATER.
10. THE FINISHED SURFACE SHOULD BE UNIFORM, WATER BOUND AND SEALED WITH FINES. THE MINIMUM COMPACTION THICKNESS IS FOUND IN TABLE A.
11. BEFORE BREAKING GROUND OR WORKING NEAR AN OVERHEAD SERVICE, REFER TO THE AVOIDING DANGER FROM SERVICE PROCEDURE (HSF-PR-0015).
12. THE BELLMOUTH SIDES ARE TO BE BATTERED TO 45° FROM THE EDGES OF THE SHOULDERS.
13. MAXIMUM AXLE LOAD TO BE 12T.
14. GEOGRID TO HAVE A MINIMUM TENSILE STRENGTH OF 30kN/m.

Not to Scale @ A3

Project: Beauly to Blackhillock to New Deer to Peterhead 400kV OHL Project

Title: Figure 3.7 - Typical Bellmouth Layout

Drawn by: SH Date: 14/01/2025

Drawing: B2P-WSP-DA-70092380-102