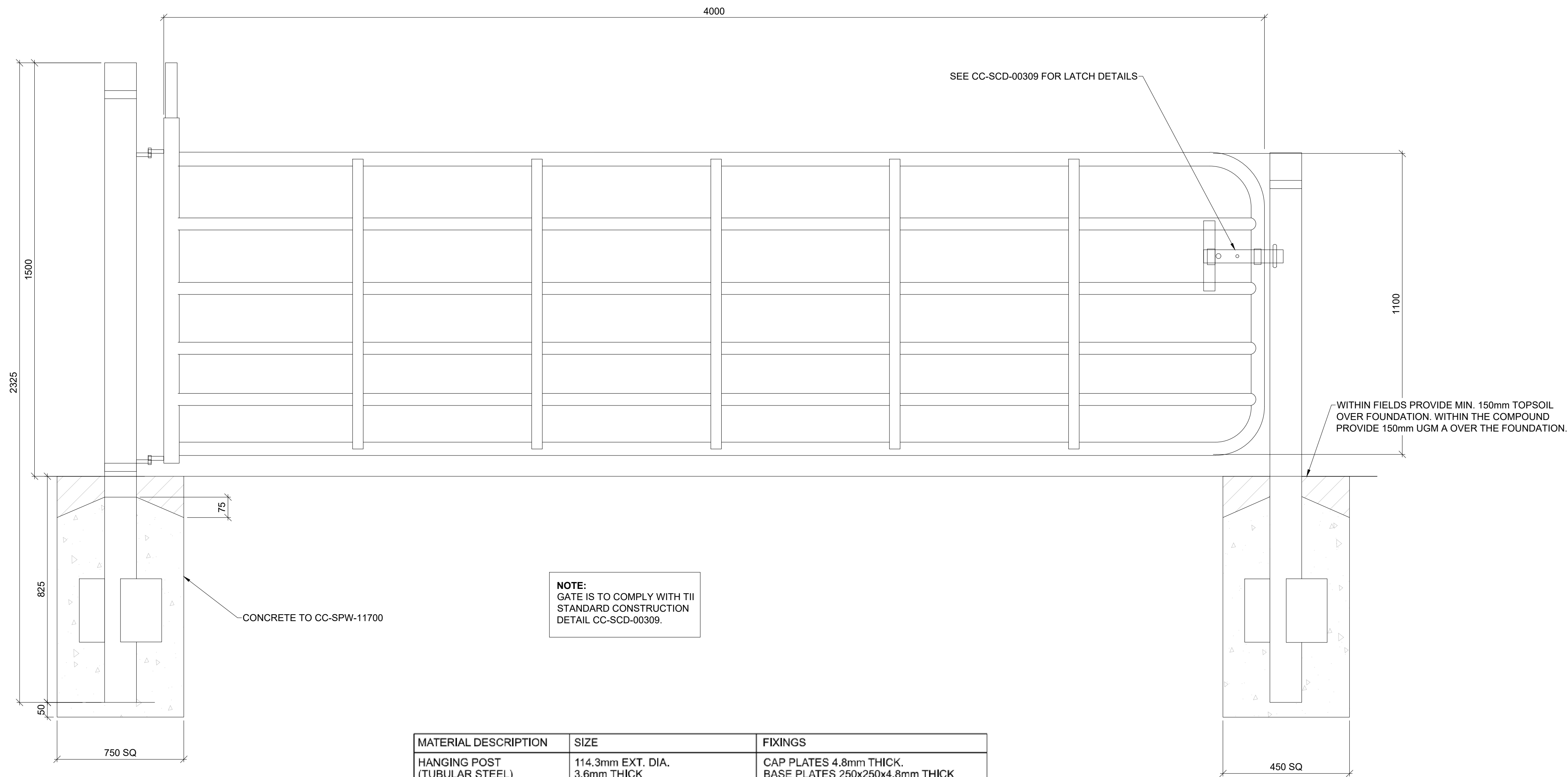


TYPICAL DRAINAGE PIPE DETAIL AT PIPELINE CROSSINGS

SCALE: 1:10



MATERIAL DESCRIPTION	SIZE	FIXINGS
HANGING POST (TUBULAR STEEL)	114.3mm EXT. DIA. 3.6mm THICK	CAP PLATES 4.8mm THICK. BASE PLATES 250x250x4.8mm THICK CAP & BASE PLATES TO BE CONTINUOUSLY FLUSH WELDED TO TUBE.
SHAPING POST (TUBULAR STEEL)	88.9mm EXT. DIA. 3.2mm THICK	WING PLATES 250x250x4.8mm THICK STITCH WELDED TO POST.
MAIN FRAME (TUBULAR STEEL)	48.3mm EXT. DIA. 2.9mm THICK	
INFILL HORIZONTAL RAILS (TUBULAR STEEL)	42.4mm EXT. DIA. 2.6mm THICK	
BRACES (FLAT STEEL) 3 VERTICAL, 2 DIAGONAL	38x4.8mm	FILLET WELDED TO EACH GATE MEMBER CROSSED BY BRACES.
MESH FABRIC (IF SPECIFIED)	51mm SQ.x4.1mm Ø STEEL SQUARE WELDED MESH FABRIC.	

TYPICAL AGRICULTURAL GATE ELEVATION DETAIL

SCALE: 1:10

DO NOT SCALE FROM THIS DRAWING. USE FIGURED DIMENSIONS IN ALL CASES. VERIFY DIMENSIONS ON SITE AND REPORT ANY DISCREPANCIES TO THE DESIGNERS IMMEDIATELY. THIS DRAWING TO BE READ IN CONJUNCTION WITH THE DESIGNERS © THIS DRAWING IS COPYRIGHT AND MAY ONLY BE REPRODUCED WITH THE DESIGNERS PERMISSION.

NOTES

- ALL DRAWINGS ARE TO BE READ IN CONJUNCTION WITH ALL RELEVANT SPECIFICATIONS, BILLS OF QUANTITIES, ARCHITECTURAL, SERVICES AND ENGINEERING DRAWINGS.
- ALL LEVELS ARE IN METRES RELATED TO: DATUM: ORDNANCE DATUM MALIN HEAD REFERENCE SYSTEM: IRISH TRANSVERSE MERCATOR (ITM) GEOID: OSGM15
- ALL DIMENSIONS ARE IN MILLIMETRES, UNLESS NOTED OTHERWISE.
- ANY DISCREPANCIES BETWEEN THESE DOCUMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER.
- DRAWINGS ARE NOT TO BE SCALED.
- AERIAL IMAGERY, WHEN USED, IS SOURCED FROM MICROSOFT BING MAPS THROUGH THE OPEN LICENSING AGREEMENT WITH AUTODESK.

NOTES:

- ALL DIMENSIONS ARE IN MILLIMETERS.
- GATES SHALL COMPLY WITH THE APPROPRIATE CLAUSES IN CC-SCD-00300 AND ANY FURTHER REQUIREMENTS IN APPENDIX 1/15 OR 3/1.
- FOR DETAILS OF LATCHES AND HINGES SEE CC-SCD-00309. GATE STOPS TO BE PROVIDE IN ACCORDANCE WITH CC-SCD-00314.
- THE GATE SHALL OPEN INWARD FRO, THE ADJACENT CARRIAGEWAY INTO THE OWNER'S PROPERTY.
- THE CORNERS OF THE MAIN FRAME MAY BE ROUNDED OR/AND MITERED.
- GATE TO BE GALVANISED TO COMPLY WITH IS EN 0240 UNLESS ALTERNATIVE PROTECTIVE TREATMENT DESCRIBED IN APPENDIX 1/15 OR 1/3.

P01	12.09.2024	ISSUED FOR PLANNING	CP	IB
REV	DATE	DESCRIPTION	BY	APP

PROJECT:

LOUGH FUNSHINAGH INTERIM FLOOD RELIEF SCHEME

TITLE:

ENTRANCE GATE AND DRAINAGE CROSSING DETAILS

CLIENT:



DRAWN:	C.P.	CHECKED:	M.F.	APPROVED:	I.B.
PROJECT NUMBER:	24821	DATE:	SEPT 2024	SCALE @ A1:	1:10
STATUS DESCRIPTION					STATUS:
FOR PLANNING					S4

DRAWING NUMBER:	24821 - MWP - 00 -XX-DR-C- 0404	REV:	P01
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