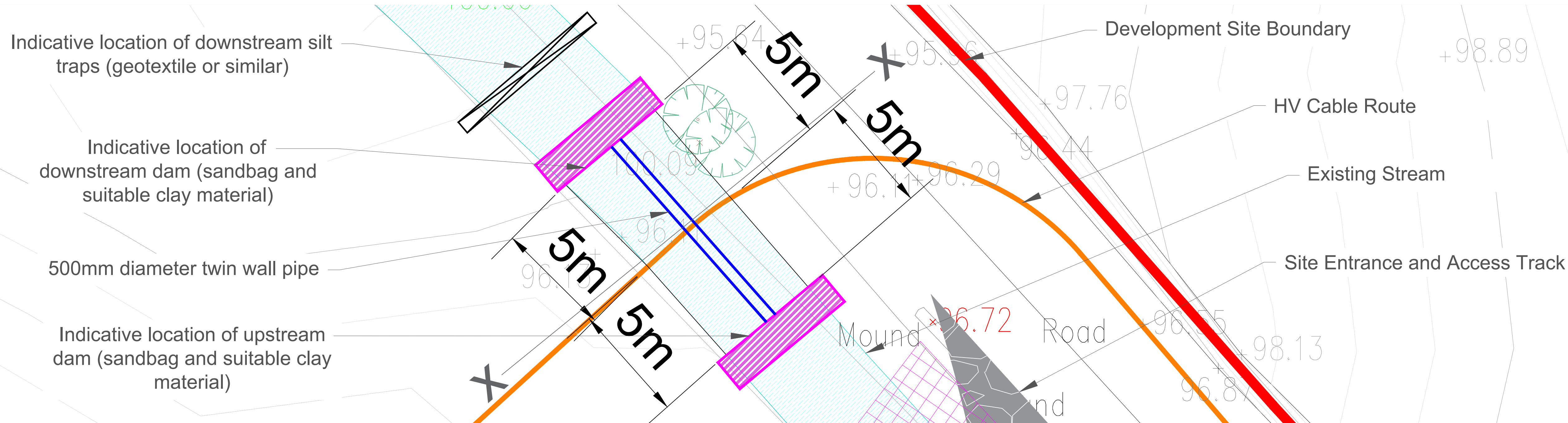
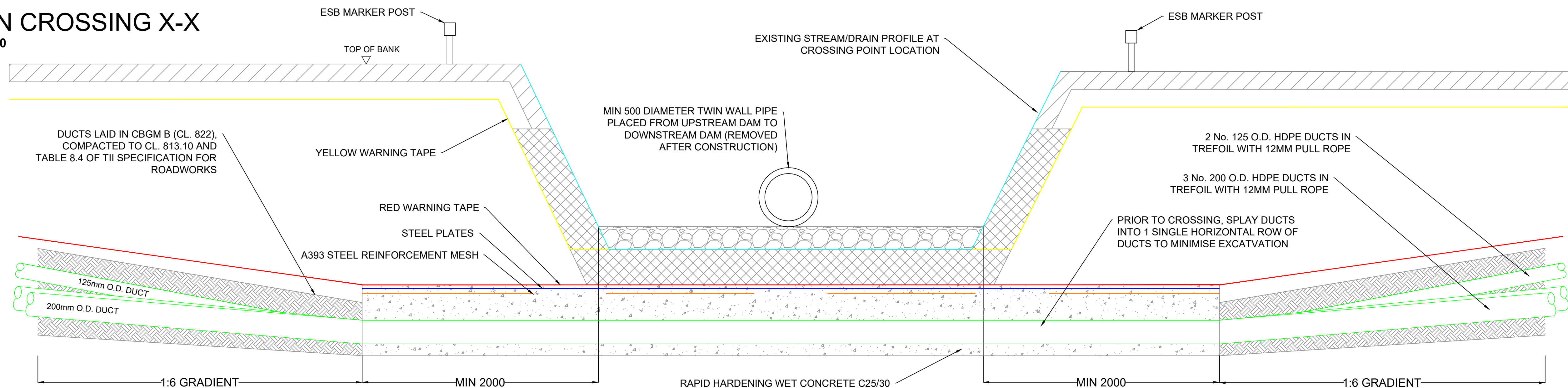


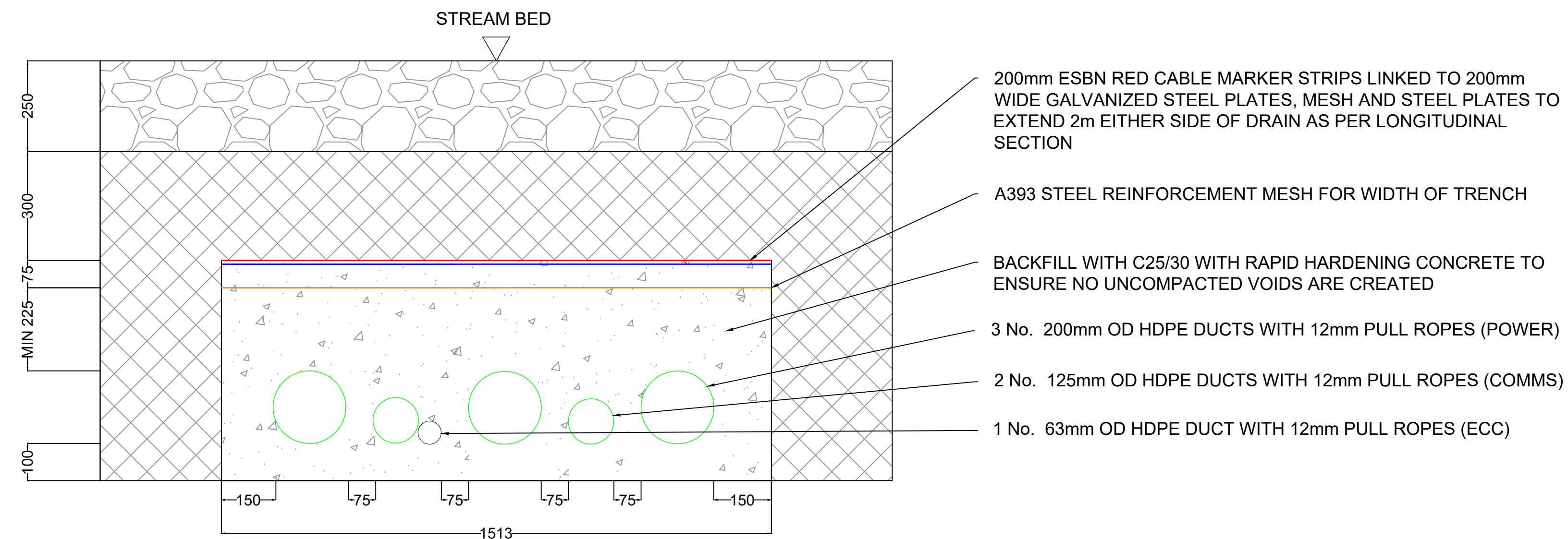
SCALE 1:100



SCALE 1:20



SCALE 1:10



1. ALL PRODUCTS AND MATERIALS TO BE UTILISED DURING CONSTRUCTION TO COMPLY WITH EIRGRID FUNCTIONAL SPECIFICATION, ESNB STANDARDS, TII SPECIFICATION FOR ROAD WORKS AND ALL RELEVANT IRISH (EUROPEAN) AND BRITISH STANDARDS.
2. 300mm MINIMUM VERTICAL AND HORIZONTAL CLEARANCES TO BE OBSERVED BETWEEN CABLE DUCTS AND THIRD PARTY SERVICES (e.g. GAS PIPES, WATER MAINS, CULVERTS, etc.) IN THE CASE OF HIGH RISK 3rd PARTY SERVICES, GREATER CLEARANCES MAY BE REQUIRED. DESIGNER TO CONSULT EIRGRID AND 3rd PARTY SERVICE OWNERS FOR GUIDANCE.
3. STEEL PLATES MUST COVER DUCTS WITHOUT OVERLAP. MAX 10mm GAP TO BE BETWEEN TWO CONSECUTIVE PLATES.
4. THE MINIMUM CLEARANCE BETWEEN ALL HV AND COMMUNICATION DUCTS IS 75mm, BUT INCREASED SPACING MAY BE REQUIRED IN ORDER TO ACHIEVE THE CABLE RATING (CABLE RATING CALCULATIONS TO BE PROVIDED FOR ACCEPTANCE).
5. TEMPLATES ARE TO BE USED AT 3m INTERVALS DURING DUCT INSTALLATION IN CBGM. PRE-MADE 75mm WIDE CONCRETE SPACERS TO BE USED DURING DUCT INSTALLATION IN WET CONCRETE.
6. MINIMUM CLEARANCE BETWEEN CABLE TRENCH CONCRETE AND STREAM/DRAIN BED TO BE AGREED WITH RELEVANT AUTHORITY. IN ANY CASE, NO LESS THAN 300mm.
7. STANDARD ESB STREAM POSTS TO BE INSTALLED AT EITHER SIDE OF STREAM/DRAIN CROSSING.

Notes

All dimensions in millimeters unless otherwise noted.

Do not scale from drawings, use figured dimensions only. The engineering detail presented on this drawing is representative of, and accommodates all grid connection cable options, as set out in this planning application.

Drawings are for planning only and should not be used for detailed design. The detailed design will be subject to EirGrid approval based on their latest specifications at the time, and equipment dimensions/siting may vary once the exact specification are determined

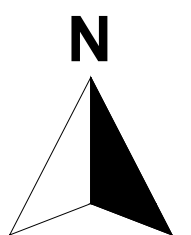
Legend



Revisions

REV	DATE	DESCRIPTION
0	20.08.26	Issued for RFI

Drawn By:	RH
Approved By:	MMC



Summary

Project

Ballyloo Substation & Grid Connection

Location

Ballyloo, Co. Carlow

Title

HV Cable Stream/ Drain Crossing

Drawing Number

BYLOO-DR-061

Scale

1:10 @ A1

Ballyloo Solar Farm Limited
1st Floor Rear
Ferry House
48-53 Lower Mount Street
Dublin 2