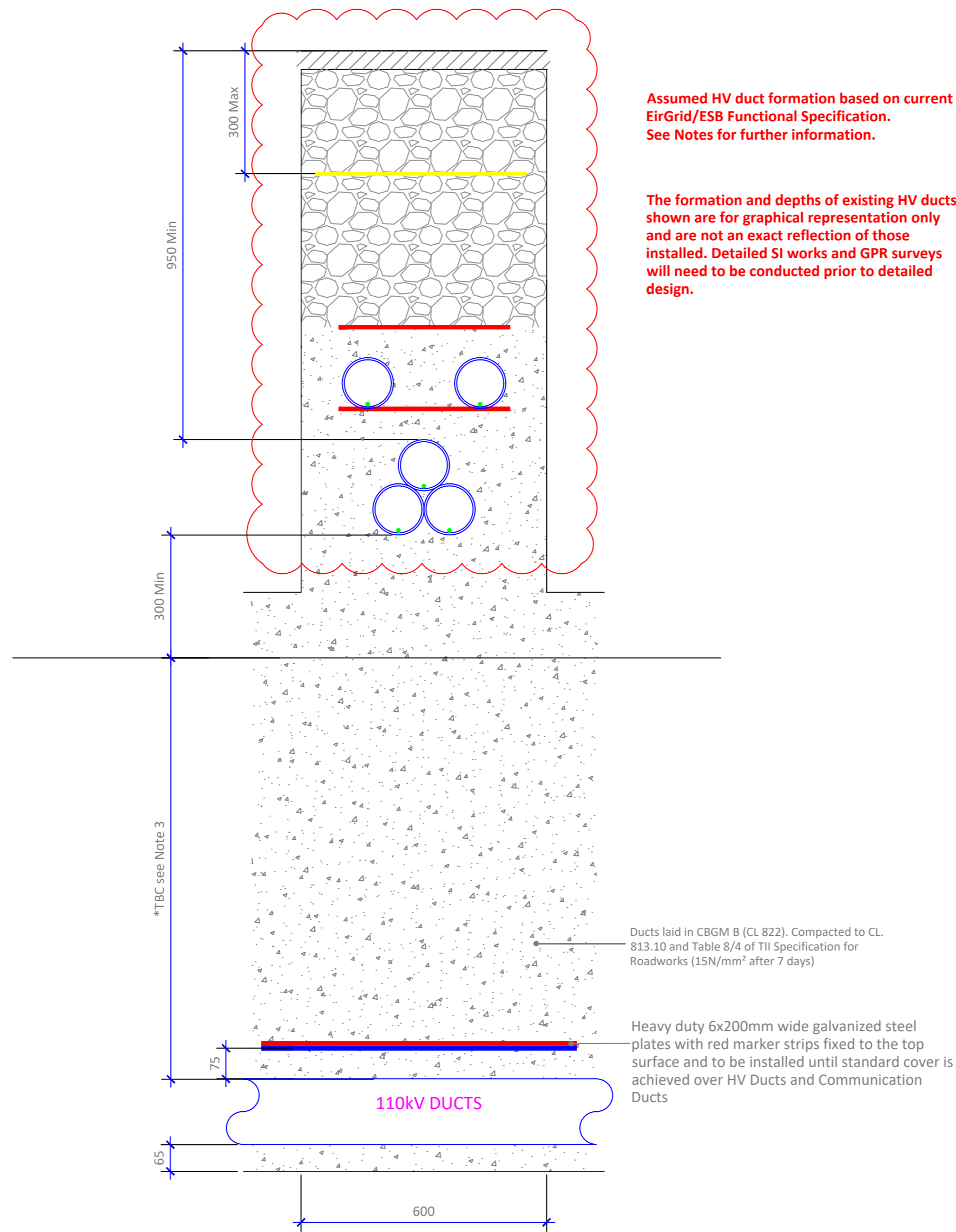


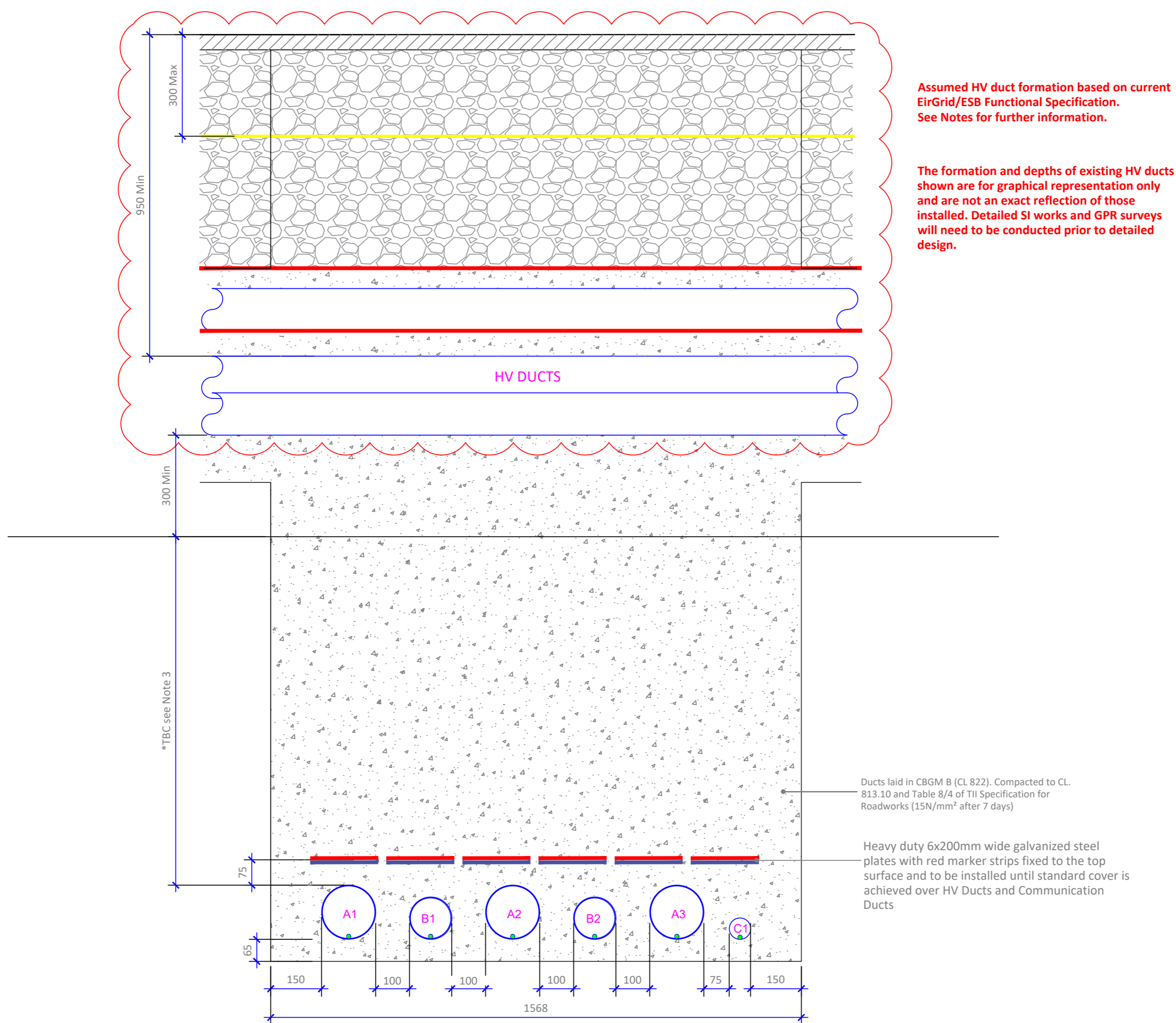
LEGEND: -



**110kV Cable Undercrossing - Flat  
(Facing Existing HV UGC In Trefoil)**  
SCALE 1:10

NOTES: -

1. This design is subject to prior EirGrid approval and should be used for planning purposes only.
2. This drawing is to be read in conjunction with relevant drawings, specifications and reports.
3. The installation depth of the Ballinagree UGC to be confirmed following site investigation works, GPR survey, confirmation of the UGC circuit configuration being crossed and detailed electrical design.
4. The minimum 300mm clearance distance between services of is to be maintained.
5. Dimensions are in millimeters, unless noted otherwise.
6. Drawings are not to be scaled, use figured dimensions only.
7. Existing access track/off road build up and measurement requirements to be confirmed with EirGrid and/or the Landowner.
8. Final duct/cable depth, spacing and arrangement to be confirmed as part of the detailed design process.
9. The owner of the existing utility being crossed must be consulted in advance of works commencing as per their guidelines.



**110kV Cable Undercrossing - Flat  
(Facing Proposed Ballinagree  
UGC In Flat Formtion)**  
SCALE 1:10

A = 160mm OUTER DIAMETER HDPE ESB APPROVED POWER DUCT, SDR= 21  
B = 125mm OUTER DIAMETER HDPE ESB APPROVED COMMS DUCT, SDR=17.6  
C = 63mm: OUTER DIAMETER HDPE ESB APPROVED DUCT, SDR=17.6 (ECC)

**tli GROUP**

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PROJECT  
**Ballinagree Windfarm  
110kV Grid Connection**

CLIENT



CONSULTANTS

ISSUE/REVISION

NO	DATE	DESCRIPTION
P00	25.01.22	Issued for Planning
F01	11.01.22	Issued for Information
F00	18.11.21	Issued for Information
IR	DATE	DESCRIPTION

PROJECT NUMBER

05-843

SHEET TITLE

110kV Cable Crossing  
Undercrossing Access Track

SHEET NUMBER

05843-DR-014