

DRAWING IS PRODUCED USING THE IRISH TRANSVERSE MERCATOR (ITM) GEOGRAPHIC COORDINATE SYSTEM

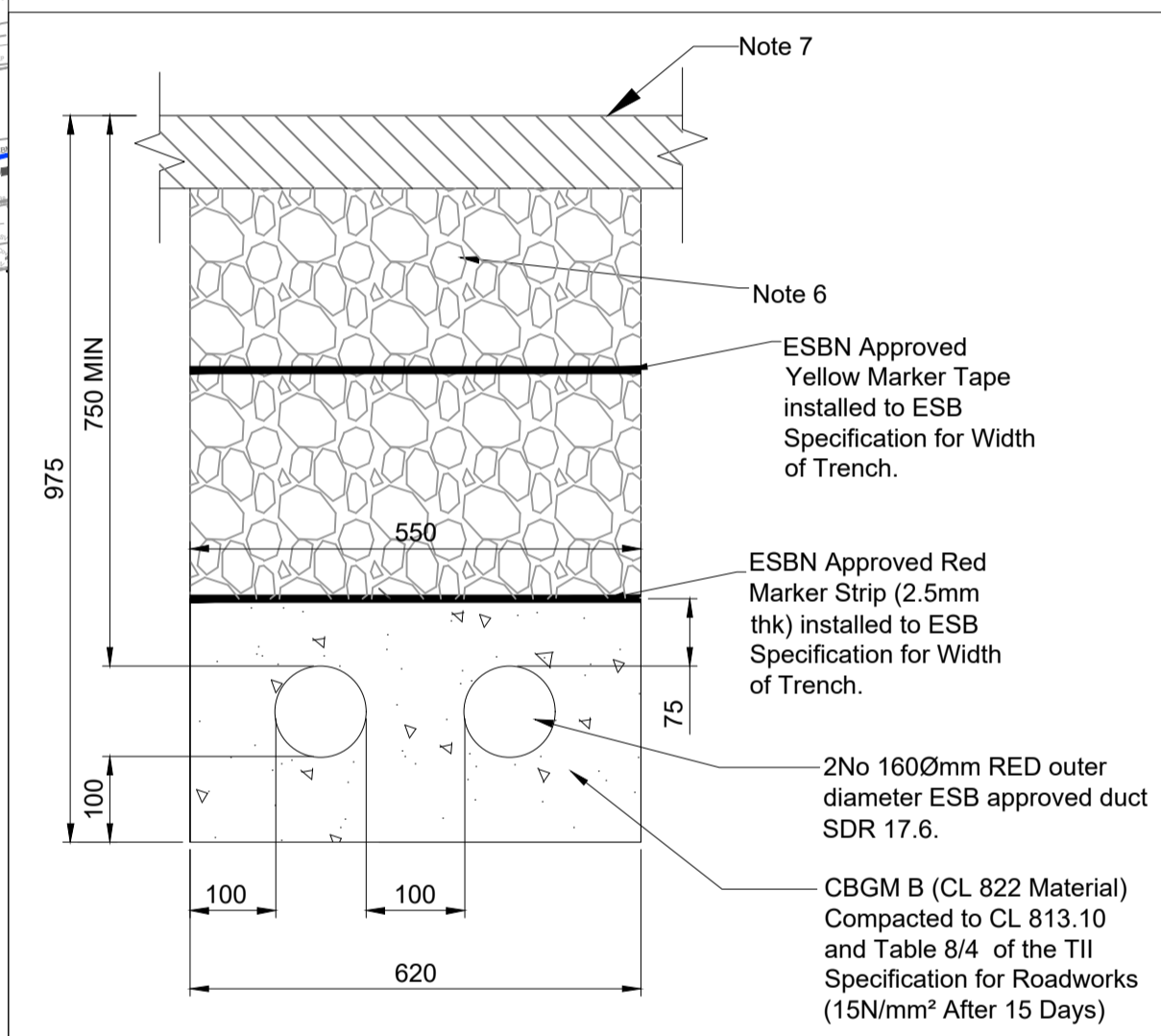
A1

LEGEND

- LANDS OWNERSHIP BOUNDARY
- SID APPLICATION SITE BOUNDARY
- PROPOSED DEVELOPMENT
- CONCURRENT PLANNING APPLICATION LODGED FOR DATA CENTRE UNDER PLANNING REF. SD21A/0241
- PROPOSED EIRGRID SECURITY FENCE
- ✕ PROPOSED EIRGRID POST & RAIL BOUNDARY FENCE
- PROPOSED BITUMINOUS ROAD SURFACE
- PROPOSED STONE SURFACE
- PROPOSED CONCRETE FOOTPATH
- PROPOSED SW ATTENUATION CONCRETE TANK
- PROPOSED MV CHAMBERS
- PROPOSED MARSHALLING KIOSKS
- PROPOSED EXTENT OF ASPHALT SURFACE
- PROPOSED LANDSCAPING
- PROPOSED RURAL SUPPLY

NOTES FOR SPECIFIC TRENCHING / BACKFILLING REQUIREMENTS AT SUBSTATION / KIOSK PLINTHS:

1. THE EXCAVATED GROUND IN FRONT OF THE SUBSTATION/KIOSK (PLINTH) SHOULD BE LEFT OPEN UNTIL ALL THE MAIN CABLES HAVE BEEN PULLED IN AND CONNECTED TO THE SUBSTATION / KIOSK EQUIPMENT.
2. FOLLOWING CONNECTION TO THE SUBSTATION / KIOSK EQUIPMENT, COVER AND MANUALLY COMPACT THE EXPOSED CABLES WITH A 200mm MIN DEPTH LAYER OF SAND TO EN12620 STANDARD WITH MAXIMUM GRIT SIZE OF 4mm FROM ESB NETWORKS APPROVED SAND SUPPLIER.
3. INSTALL A LAYER OF 1m LONG ESB NETWORKS APPROVED RED MARKER STRIPS ON TOP OF THE 1m WIDE SANDED AREA ACROSS THE FULL FRONT LENGTH OF THE SUBSTATION / KIOSK SO AS TO COMPLETELY COVER THE SANDED AREA BETWEEN THE TWO SETS OF DUCTS.
4. BACKFILL OPEN AREA IN FRONT OF SUBSTATION / KIOSK WITH CL804 MATERIAL TO A DEPTH OF 200mm BELOW FINISHED SURFACE LEVEL. ARRANGE WITH ESB NETWORKS FOR INSTALLATION OF SUBSTATION / KIOSK PREFORMED EARTH MAT AS OUTLINED IN "GUIDEBOOK FOR ESB NETWORKS STANDARDS FOR ELECTRICAL SERVICES REVISION 5 JANUARY 2014 SUBSTATION / KIOSK SITE REQUIREMENTS" ON SUBSTATION / KIOSK EARTHING REQUIREMENTS.
5. WITHIN ANY BUILDING, STRUCTURE PERIMETER OR LOAD BEARING SLABS SUCH AS GENERATOR, FUEL TANK AND HUMIDIFIER COMPOUNDS, ALL TRENCHES TO BE BACKFILLED WITH LAYERS OFF 225mm COMPACTED SR 21 ANNEX E UNDERFLOOR STRUCTURAL BACKFILL TO UNDERSIDE OF SPECIFIED SURFACE, OTHERWISE LAYERS OF 225mm COMPACTED TO CL 808.
7. FINISH SURFACE AND CONSTRUCTION DETAIL VARIES.



2 No. 160mmØ ESB RED DUCT FOR ESB LOCAL SUPPLY
SCALE 1:10

P04	SID ISSUE	DM	PM	04.02.2021
P03	DRAFT SID ISSUE	DM	PM	10.12.2021
P02	SID SCHEME ISSUE	DM	PM	26.11.2021
P01	WIP	DM	PM	22.10.2021
Rev	Description	Drawn	Checked	Date

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VANTAGE DATA CENTERS

Client: **KILCARBERY 110KV SUBSTATION & MV CLIENT COMPOUND**

Project: **PROPOSED RURAL SUPPLY CABLE ROUTE**

Dwg. Title: **PROPOSED RURAL SUPPLY CABLE ROUTE**

Drawn By: **DM** Date: **OCT 2021** **21_115**

Checked By: **PM** Scale: **1:500 @ A1** **CSEA Job No.**

Project Code: **21_115** Originator: **CSE** Zone/Phase: **00** Level: **XX** Type: **DR** Role: **C** Dwg. No.: **2201**

S2 Status Code: **PRELIMINARY** Suitability Description

P04 Revision: **PRELIMINARY** Project Status