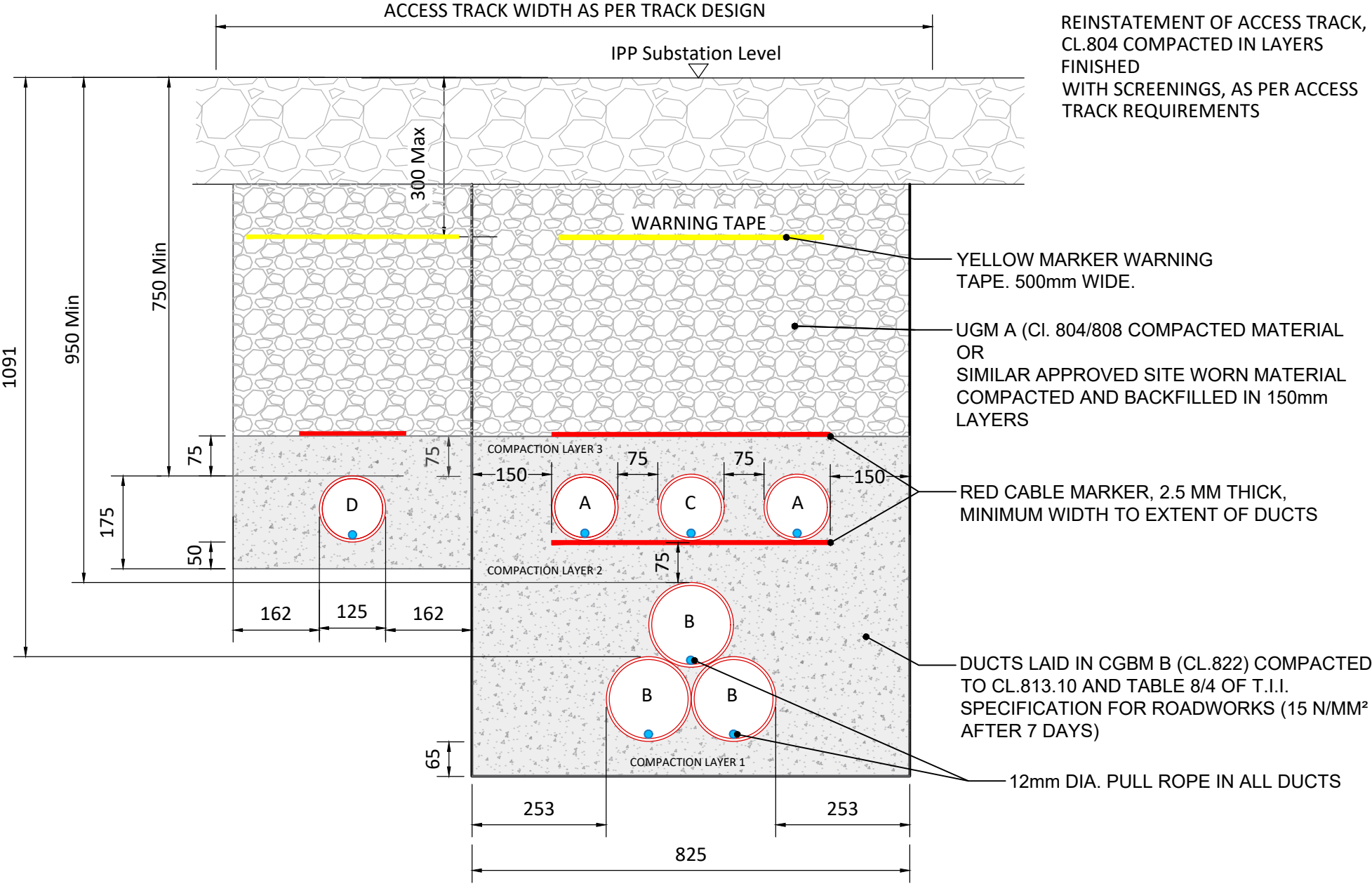




A = 125mm: OUTER DIAMETER HDPE APPROVED DUCT, SDR = 17.6 (COMMS)  
B = 160mm: OUTER DIAMETER HDPE APPROVED DUCT, SDR = 21.0 (POWER)  
C = 125mm: ECC (EARTH CONTINUITY CONDUCTOR) DUCT,  
D = 125mm: OUTER DIAMETER HDPE APPROVED DUCT, SDR = 17.6 (LV CONTROLS AND PROTECTION)

ALL REINSTATEMENT WORKS ARE TO BE IN ACCORDANCE WITH LOCAL LANDOWNER REQUIREMENTS

- NOTES:**
1. This design is subject to EirGrid & ESB approval and should be used for Planning purposes only.
  2. The Customer shall submit all Planning Application designs and proposed cable routes in compliance with the specification requirements, for EirGrid to review and accept in advance of submitting to the local authority.
  3. High Voltage cable installation across third party lands is to be avoided where possible.
  4. High Voltage cable installation across peat lands is undesirable and only permitted in exceptional circumstances.
  5. Service roads shall be installed along the cable route providing suitable and safe access for maintenance and cable pulling vehicles at all joint bay locations and along any section of the cable route that are not locate within the public road.
  6. A deed of easement in respect of the cable route to ESB shall be provided. (min width 4 m for 110 kV circuits and 5 m for 220 kV and 400 kV circuits)
  7. Direct burial of the cable is not permitted in any circumstance.
  8. This drawing is to be read in conjunction with relevant drawings, specifications and reports
  9. Dimensions are in millimeters, unless noted otherwise
  10. Drawings are not to be scaled use figured dimensions only

**110kV Ducting in Access Track**  
SCALE 1:10



Head Office  
Beenreigh,  
Abbeydorney,  
Tralee, Co. Kerry  
Ireland  
Tel: 00353 66 7135710

CLIENT  
**Lodgewood Solar Farm**

PROJECT  
**Tincurry 110kV Substation  
and Grid Connection**

PROJECT NUMBER  
**300-101236**

SHEET NUMBER  
**300101236-DR-111**

SHEET TITLE  
**110kV Grid Route Ducting**

DRAWING STATUS  
**For Information**

| ISSUE/REVISION |          |                        |
|----------------|----------|------------------------|
| P3             | 19.12.25 | Issued for Planning    |
| P2             | 21.11.25 | Issued for Planning    |
| P1             | 02.09.25 | Issued for Planning    |
| N1             | 18.05.25 | Issued for Information |
| I/R            | DATE     | DESCRIPTION            |