

This drawing should not be scaled. Dimensions to be verified on site.
Any discrepancies should be referred to the Engineer prior to work being put in hand.
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Waterman Moylan Consulting Engineers Limited
Block S, East Point Business Park, Dublin D03 H9F4 Ireland
1-855 1 664 8900

NOTES

- DO NOT SCALE. USE FIGURED DIMENSIONS ONLY.
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ARCHITECTURAL AND ENGINEERING DRAWINGS.
- THIS IS NOT AN INSTALLATION DRAWING. THE SUB CONTRACTOR SHALL SUBMIT INSTALLATION DRAWINGS TO THE ENGINEER FOR APPROVAL.
- ALL UTILITY DUCTING AND CHAMBERS INDICATED ARE INDICATIVE ONLY. THE CONTRACTOR SHALL LIAISE WITH ESB ENGINEERS TO OBTAIN THE LATEST ESB DESIGN INFORMATION AND AGREE EQUIPMENT LOCATIONS BEFORE INSTALLATION COMMENCES.
- REFER TO ESB NETWORKS FOR ALL CONSTRUCTION ISSUE INFORMATION.
- REFER TO "HOUSING SCHEMES: GUIDEBOOK FOR ESB NETWORKS STANDARD FOR ELECTRICAL SERVICES" (ON THE ESB WEBSITE) FOR BELOW GROUND SPECIFICATIONS OF DUCTING, ACCESS CHAMBERS, MINI PILLARS, UNIT SUB-STATIONS AND BACKFILLING REQUIREMENTS.
- THE CONTRACTOR SHALL ENSURE THAT THE FINAL LOCATION OF ESB OUTDOOR METER CABINETS HAVE BEEN AGREED WITH THE CLIENT/ARCHITECT AND THE SUPPLY AUTHORITY BEFORE INSTALLATION.
- THE EXISTING SITE SERVICES DRAWING INDICATES THE APPROXIMATE LOCATION OF UTILITY CABLES. THE FOLLOWING PROCEDURES/CONDITIONS SHOULD BE STRICTLY ADHERED TO BEFORE ANY EXCAVATION BY MECHANICAL MEANS IS UNDERTAKEN: (A) OBTAIN AN UP-TO-DATE UTILITY NETWORK MAP; (B) CABLE LOCATOR EQUIPMENT (IN BOTH POWER AND RADIO MODE) TO BE USED (C) CAREFUL HAND DIGGING USING A SAFE DIGGING PRACTICE SHOULD BE USED IN THE VICINITY OF ALL EXISTING CABLES/DUCTS. CABLE DEPTHS MAY NOT BE ASSUMED.
- CONTRACTOR TO NOTE ESB REQUIREMENTS TO BE ADHERED TO WHEN WORKING NEAR OR UNDER THE EXISTING 220kV OVERHEAD ESB NETWORK.

LEGEND

- ESBN PROPOSED ESB SERVICES (125mmØ RED PVC DUCT)
- LV PROPOSED LV DUCT SERVICES (125mmØ PVC DUCT)
- EX ESB EXISTING ESB MV/LV (10kV/20kV/400V/230V) UNDERGROUND CABLE ROUTES
- EX OH EXISTING ESB HV (10kV/20kV) OVERHEAD LINES
- ESB 10kV 1 No. 125mmØ ESB MV (10kV/20kV) DUCTS
- SUPPLY AUTHORITY METER + CLIENTS EXTERNAL CABINET
- PROPOSED ESB NETWORKS MINI PILLAR WITH VAULT
- PROPOSED ESB NETWORKS UNIT SUBSTATION
- EXISTING ESB NETWORKS UNIT SUBSTATION
- EXISTING ESB NETWORKS OVER HEAD POLE SET. "XX" DENOTES POLE NUMBER.
- DOUBLE HEIGHT MINI PILLAR WITH SUPPLY AUTHORITY METER
- VC2 VC2 SIRO CHAMBER TO BE POSITIONED 2m FROM THE UNIT SUB.
- PROPOSED SIRO SERVICES (160mmØ RED HDPE DUCT)
- PUBLIC LIGHTING CABLE CHAMBER AS PER LOCAL AUTHORITY P/L DEPT. SPECIFICATION
- PUBLIC LIGHTING PILLAR (LOCATED AT LEAST 2m FROM ESB PILLAR)

13	28/07/26	FOR INFORMATION	NB	NC
12	24/07/26	FOR INFORMATION	NB	NC
11	22/07/26	FOR INFORMATION	NB	NC
1	22/07/26	FOR INFORMATION	NB	NC
Rev	Date	Description	By	Chk

Amendments				
Project	RESIDENTIAL DEVELOPMENT AT CONFEY, LEIXLIP, CO. KILDARE.			
Title	ELECTRICAL ENGINEERING SERVICES SITE UTILITIES PROPOSED ESB LAYOUT			
Client	DRES			



BLOCK S, EASTPOINT BUSINESS PARK, ALFIE BYRNE ROAD,
DUBLIN D03 H3F4 IRELAND. Tel: (01) 664 8900
Email: info@waterman-moylan.ie www.waterman-moylan.ie

Status	INFORMATION			
Designed By	NB	Approved	NC	Waterman Ref 26-053
Drawn By	NB	Date	MAY 2026	Scales @ A1 1:600
Project	Originator	Volume	Level	Type
CON-WBS-UT-ZZ-DR-E-60-E1000				
				Revision 13

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