NOTES

1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE STATED.
2. DO NOT SCALE. WORK TO MEASURED DIMENSIONS ONLY. ALL DIMENSIONS & LEVELS ARE TO BE CHECKED BY THE CONTRACTOR.
3. THE CONTRACTOR SHALL NOTE THAT THIS DRAWING IS INDICATIVE AND ILLUSTRATES DESIGN INTENT ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETAILED DESIGN AND COORDINATION WITH THE STRUCTURE.
4. ANY DISCREPANCIES, ERRORS OR OMISSIONS ARE TO BE CLARIFIED WITH THE RELEVANT ENGINEER AT THE EARLIEST OPPORTUNITY.
5. ALL WORKS ARE TO BE IN ACCORDANCE WITH THE CURRENT RELEVANT REGULATIONS BUILDING PRACTICE & TRADE ASSOCIATION REQUIREMENTS.
6. ALL ELECTRICAL INSTALLATIONS SHALL COMPLY WITH THE CURRENT I.S.10101 (2020) WIRING REGULATIONS.
7. ALL M&E SERVICES DUCTING, METERS AND TIE IN POINTS TO BE CONFIRMED BY UTILITY SUPPLIERS.
8. FINAL SETTING OUT AND COORDINATION OF DUCTING TO BE CONFIRMED BY ARCHITECT AND CIVIL ENGINEERS.
9. ALL DUCTING TO BE COMPLIANCE WITH THE ESB/VIRGIN/EIR AND THE LOCAL COUNTY COUNCIL.
10. PLEASE REFER TO CMHD-EDC-00-00-DR-E-1001 FOR TYPICAL DUCTING DETAILS.
11. PUBLIC LIGHTING DUCTING TO BE INSTALLED USING TRENCHLESS TECHNOLOGY WITHIN THE TREE ROOT PROTECTION ZONES & SHALL BE LAID AT 800-900MM WITH THE USE OF THE MOLING TOOL AS REQUIRED. FOR ALL ROOT PROTECTION ZONES OF TREES TO BE RETAINED-REFER TO ARBORISTS FINAL DRAWING.

LEGEND

DUCTING	
TYPICALLY DENOTES; 2 x 160mm ESB MV DUCTING, 2 x 125mm ESB LV DUCTING, 2 x 110mm EIR DUCTING, 2 x 110mm VIRGIN DUCTING, 2 x 150mm EV LV DUCTING, 1 x 110mm EV ELV DUCTING & 1 x 107mm PUBLIC LIGHTING DUCTING	
TYPICALLY DENOTES; 2 x 250mm DISTRICT HEATING SUPPLY & RETURN PIPEWORK-TO RUN INTO BUILDING CORE/ RISERS	
TYPICALLY DENOTES; NATURAL GAS PIPEWORK	
ELECTRIC VEHICLE CHARGER	EV

USE OF MOLING TOOL REQUIRED FOR 107mm PUBLIC LIGHTING DUCTING PUBLIC LIGHTING DUCTING TO BE LAID AT 800-900MM WITHIN TREE ROOT PROTECTION ZONES(REFER TO ARBORISTS FINAL DRAWING)

USE OF MOLING TOOL REQUIRED FOR 107mm PUBLIC LIGHTING DUCTING PUBLIC LIGHTING DUCTING TO BE LAID AT 800-900MM WITHIN TREE ROOT PROTECTION ZONES(REFER TO ARBORISTS FINAL DRAWING)

USE OF MOLING TOOL REQUIRED FOR 107mm PUBLIC LIGHTING DUCTING PUBLIC LIGHTING DUCTING TO BE LAID AT 800-900MM WITHIN TREE ROOT PROTECTION ZONES(REFER TO ARBORISTS FINAL DRAWING)

USE OF MOLING TOOL REQUIRED FOR 107mm PUBLIC LIGHTING DUCTING PUBLIC LIGHTING DUCTING TO BE LAID AT 800-900MM WITHIN TREE ROOT PROTECTION ZONES(REFER TO ARBORISTS FINAL DRAWING)

USE OF MOLING TOOL REQUIRED FOR 107mm PUBLIC LIGHTING DUCTING PUBLIC LIGHTING DUCTING TO BE LAID AT 800-900MM WITHIN TREE ROOT PROTECTION ZONES(REFER TO ARBORISTS FINAL DRAWING)

EXISTING ESB

7 EV CHARGERS
ESB SUB
COMMS ROOM

ESB SUB

NATURAL GAS SITE ENTRY POINT

VIRGIN & EIR SITE ENTRY POINTS

4 EV CHARGERS

ESB SUB

1 EV CHARGER

ESB SUB

Comms Room

8 REST EV CHARGERS
2 COMMERCIAL EV CHARGERS
2 PUBLIC EV CHARGERS
ESB SUB

COMMS ROOM
3 EV CHARGERS

4 EV CHARGERS
7 EV CHARGERS
ESB SUB

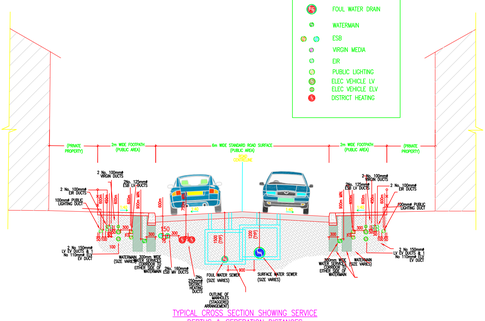
ESB SUB
COMMS ROOM
5 EV CHARGERS

COMMS ROOM(AT GF LEVEL)
ESB SUB(AT GF LEVEL)
7 EV CHARGERS

5 EV CHARGERS
ESB SUB
COMMS ROOM

ESB ENTRY POINT 2

TYPICAL CROSS SECTION
1:75



TYPICAL CROSS SECTION SHOWING SERVICE DEPTHS & SEPERATION DISTANCES

Rev	Date	Description	Org	App
P01	09/03/2022	ISSUED FOR PLANNING	AD	ROF

Client: LAND DEVELOPMENT AGENCY

Name of Job: SHD AT CENTRAL MENTAL HOSPITAL, DUNDRUM, DUBLIN 14

Title of Drawing: SITE SERVICES LAYOUT

Drawing No.: CMHD-EDC-00-00-DR-E-1000

Scale @ A0	Model Manager	Project Manager	Status	Revision
1:500	AD	ROF	S2	P01

Mechanical & Electrical Consulting Engineers
PROGRESSIVE ENGINEERING
Cork Office
Tel: +353 (0)21 4280478, email:Info@edcengineers.com
Dublin Office
Tel: +353 (0)1 5313693, email: Info@edcengineers.com
London Office
Tel: +44 (0)203 0940082 email: Info@edcengineers.com
www.edcengineers.com

THIS DRAWING IS THE PROPERTY OF E.D.C. CONSULTING ENGINEERS AND SHALL NOT BE DISCLOSED TO ANYONE WITHOUT THE PRIOR WRITTEN PERMISSION OF E.D.C. AND SHALL BE RETURNED UPON REQUEST.

ISO 9001 | BIM