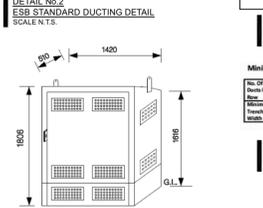
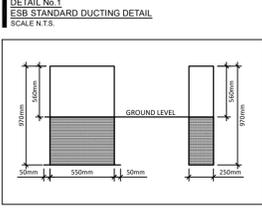
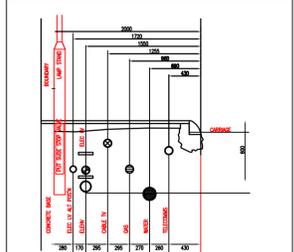
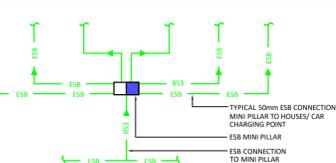
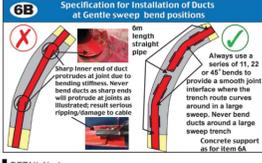


MECHANICAL DRAWING NOTES:

- FOR SYMBOLS & ABBREVIATIONS SEE DETAIL SHEETS.
- EXISTING & NEW WATER MAIN INCLUDING FIRE HYDRANT LOCATIONS ARE SHOWN ON STRUCTURAL ENGINEERS DRAWINGS BY MAIN CONTRACTOR.
- CONNECTION TO THE LOCAL AUTHORITY WATER &/OR GAS MAIN SHALL BE MADE BY OTHERS. THE MECHANICAL CONTRACTOR SHALL ALLOW FOR MAKING A CONNECTION TO SAME.
- THRUST BLOCKS SHALL BE PROVIDED BY THE MAIN CONTRACTOR AT EVERY CHANGE OF DIRECTION OR LEVEL OF EXTERNAL M.W.S. PIPEWORK.
- UNDERGROUND MAINS WATER PIPEWORK SHALL HAVE A MINIMUM COVER OF 1000mm & NOT GREATER THAN 1350mm.
- UNDERGROUND GAS PIPEWORK SHALL HAVE A MINIMUM COVER OF 300mm & NOT GREATER THAN 1350mm.
- UNDERGROUND DIESEL PIPEWORK SHALL HAVE A MINIMUM COVER OF 750mm & NOT GREATER THAN 1350mm. PIPEWORK TO BE WRAPPED WITH DROPS TAPE.
- THE CONTRACTOR SHALL ENSURE THAT ADEQUATE PROVISIONS ARE MADE ON THE WATER MAIN TO FACILITATE CHLORINATION & SWABBING & SHOULD BE CHECKED WITH THE LOCAL AUTHORITY PRIOR TO THE INSTALLATION OF THE MAIN.
- WHERE DEPTH OF COVER OF WATER MAIN IS NOT SUFFICIENT, PIPE IS TO BE ENCASED IN 150mm OF CONCRETE.
- FOR SCHEDULES OF EQUIPMENT SEE SPECIFICATION.
- THE COMPLETE INSTALLATION TO BE CO-ORDINATED WITH ALL OTHER SERVICES.

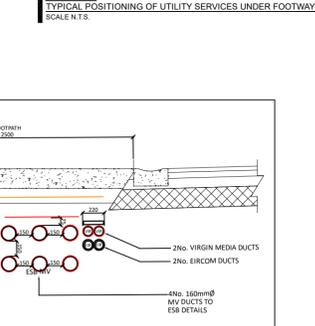
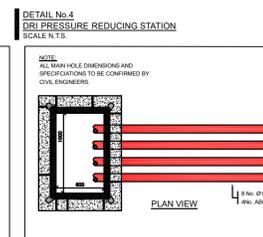
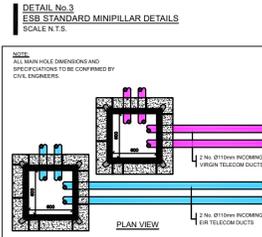
ELECTRICAL DRAWING NOTES:

- DUCTING SHALL COMPLY WITH BS EN 50096-1-3-4 LATEST EDITION & SHALL BE SINGLE WALL COLOURED RED & MANUFACTURED FROM HIGH DENSITY POLYETHYLENE. THE NOMINAL EXTERNAL DIAMETER OF THE DUCT SHALL BE 10mm WITH A MINIMAL WALL THICKNESS OF 5mm. EACH LENGTH OF DUCT SHALL BE STAMPED WITH THE WORDS "PUBLIC LIGHTING" OR ALTERNATIVELY "STREET LIGHTING" IN 10mm BLACK LETTERING AT 90 DEGREES AT ONE METRE INTERVALS. DUCT SHALL BE LAID WITH THIS LEGEND FACING UPWARDS. DUCT SHALL BE LAID IN A STRAIGHT LINE CLOSE TO THE LINE OF THE COLUMN LOCATIONS & SHALL CONTAIN A CONTINUOUS DRAW WIRE OF B2N STRENGTH.
- A MINIMUM DEPTH OF 450mm COVER IS REQUIRED IN URBAN PATHWAYS & A MINIMUM OF 600mm COVER IS REQUIRED FOR GRASS MARGINS, FOOTPATHS, WALKWAYS, LANEWAYS & GATEWAY ENTRANCES & A MINIMUM DEPTH OF 750mm IS REQUIRED AT ROAD CROSSINGS OR IN CARRIAGES.
- ALL EQUIPMENT TO BE SUITABLY RATED FOR THE ENVIRONMENT THEY ARE BEING INSTALLED.



Minimum Trench Widths for 1 & 2 Rows of Ducts

No. of Rows	1	2	3	4	5	6
Minimum Trench Width	325	525	875	1150	1425	1700



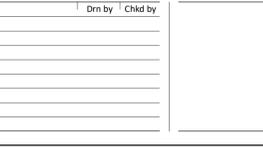
BALDOYLE GA01 KEY PLAN SCALE: N.T.S.



FOR SETTING OUT REFER TO ARCHITECT'S DRAWINGS.
 THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER ARCHITECTURAL AND ENGINEERING DRAWINGS AND ALL OTHER RELEVANT DRAWINGS AND SPECIFICATIONS.
 DO NOT SCALE THIS DRAWING. USE FIGURED DIMENSIONS ONLY.
 NO PART OF THIS DOCUMENT MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR STORED IN ANY RETRIEVAL SYSTEM OF ANY NATURE WITHOUT THE WRITTEN PERMISSION OF O'CONNOR SUTTON CROIN AS COPYRIGHT HOLDER EXCEPT AS AGREED FOR USE ON THE PROJECT FOR WHICH THE DOCUMENT WAS ORIGINALLY ISSUED.

Rev No.	Date	Revision Note	Drn by	Chkd by
P01	29.05.20	ISSUED FOR COMMENT.	I.F.	J.D.
P02	09.10.20	ISSUED FOR COMMENT.	I.F.	J.D.
P03	11.05.21	ISSUED FOR PLANNING.	I.F.	J.D.

Rev No.	Date	Revision Note	Drn by	Chkd by



Head Office,
 9 Prussia Street,
 Dublin 7,
 D07 KT57

TEL +353 (0)1 8682000
 e: contactus@ocsc.ie
 w: www.ocsc.ie

Dublin | London | Belfast | Galway | Cork | Birmingham

Client: THE SHORELINE PARTNERSHIP
 Project: BALDOYLE STAPOLIN
 Title: GROWTH AREA -1
 MECHANICAL & ELECTRICAL
 SITE SERVICES LAYOUT

Code | Originator | Zone | Level | Type | Role | Number | Status | Revision
 R500 | OCSC | GA01 | XX | DR | ME | 0001 | S4 | P03
 Date: 11.03.20 Scale: 1:500 @ A0 Drn by: I.F. Chkd by: J.D. Aprvd by: M.C.