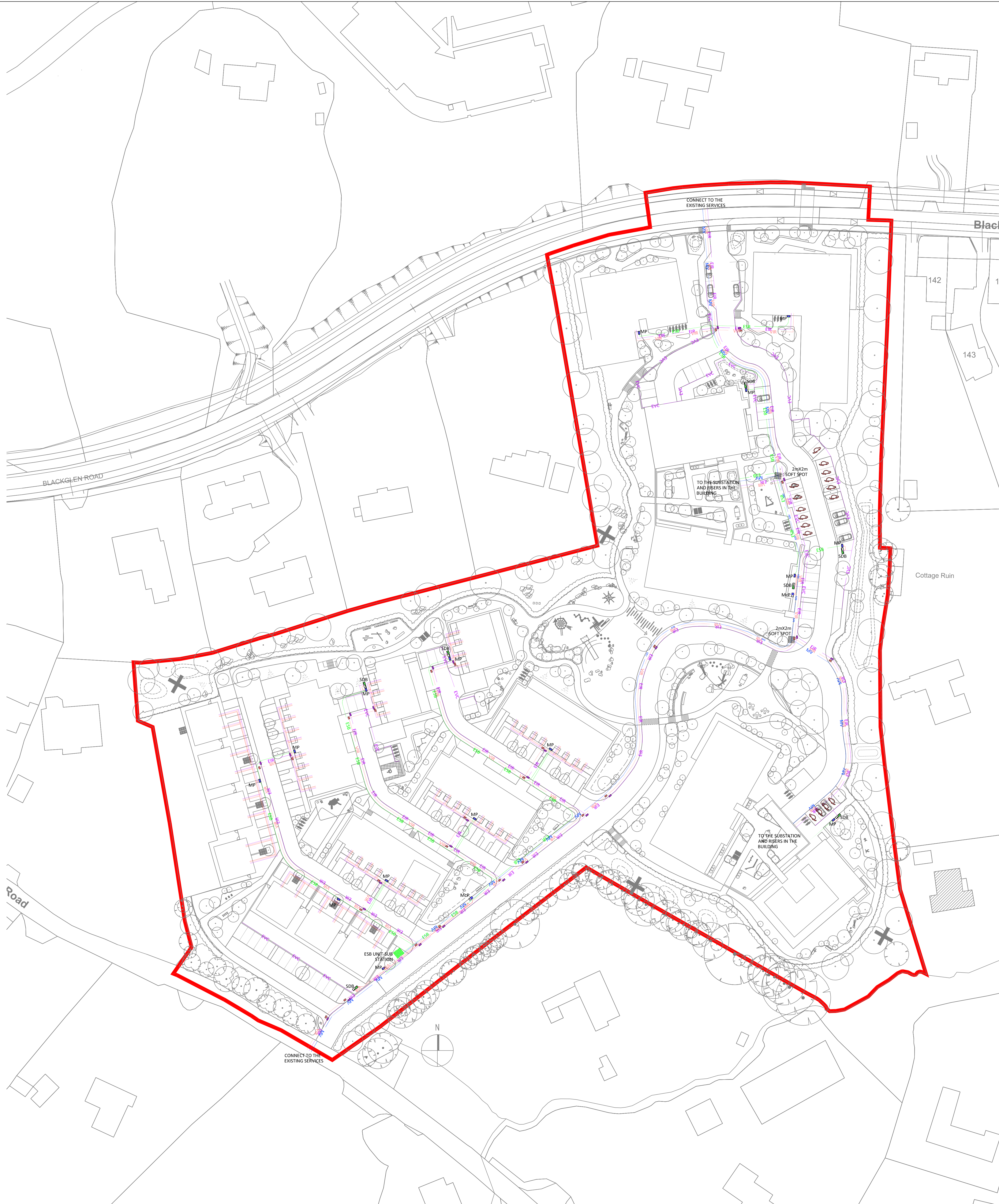




MECHANICAL DRAWING NOTES:

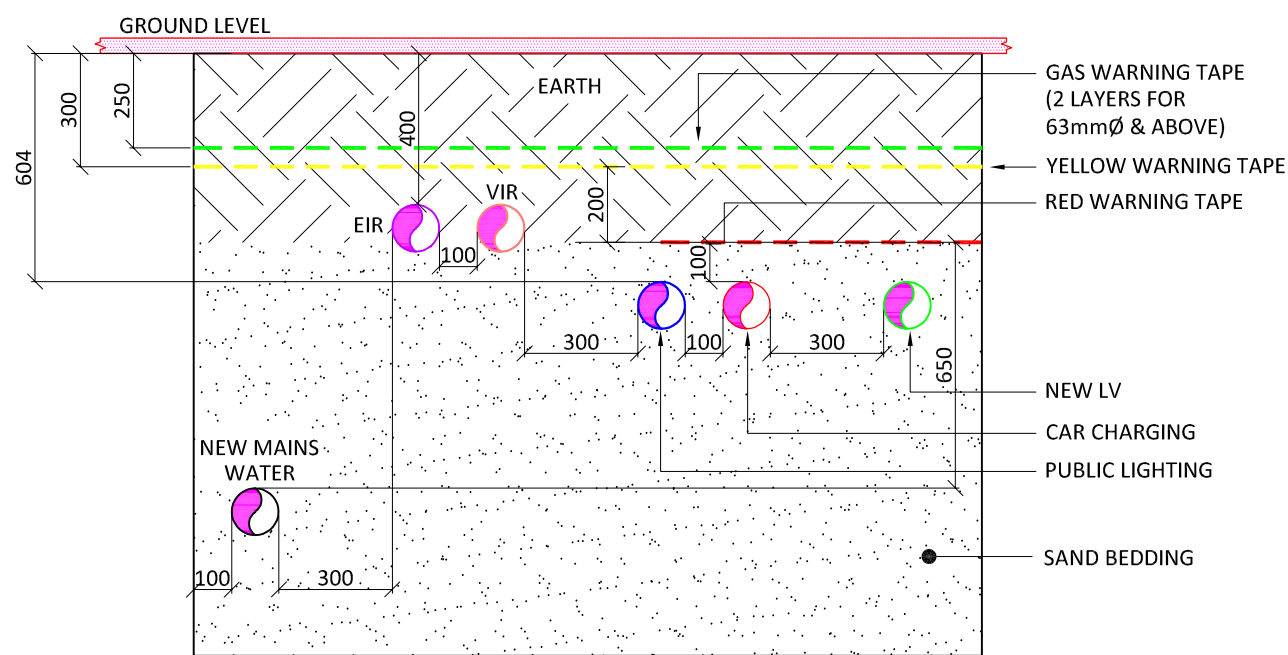
- FOR SYMBOLS & ABBREVIATIONS SEE DETAIL SHEETS.
- EXISTING & NEW WATER MAIN INCLUDING FIRE HYDRANT LOCATIONS ARE SHOWN ON STRUCTURAL ENGINEERS DRAWINGS BY MAIN CONTRACTOR.
- CONNECTION TO THE LOCAL AUTHORITY WATER &/OR GAS MAIN SHALL BE MADE BY OTHERS. THE MECHANICAL CONTRACTOR SHALL ALLOW FOR MAKING A CONNECTION TO SAME.
- THRUST BLOCKS SHALL BE PROVIDED BY THE MAIN CONTRACTOR AT EVERY CHANGE OF DIRECTION OR LEVEL OR EXTERNAL M.V.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 1000mm & NOT GREATER THAN 1350mm.
- UNDERGROUND DIESEL PIPEWORK SHALL HAVE A MINIMUM COVER OF 750mm & NOT GREATER THAN 1350mm. PIPEWORK TO BE WRAPPED WITH DENS0 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:

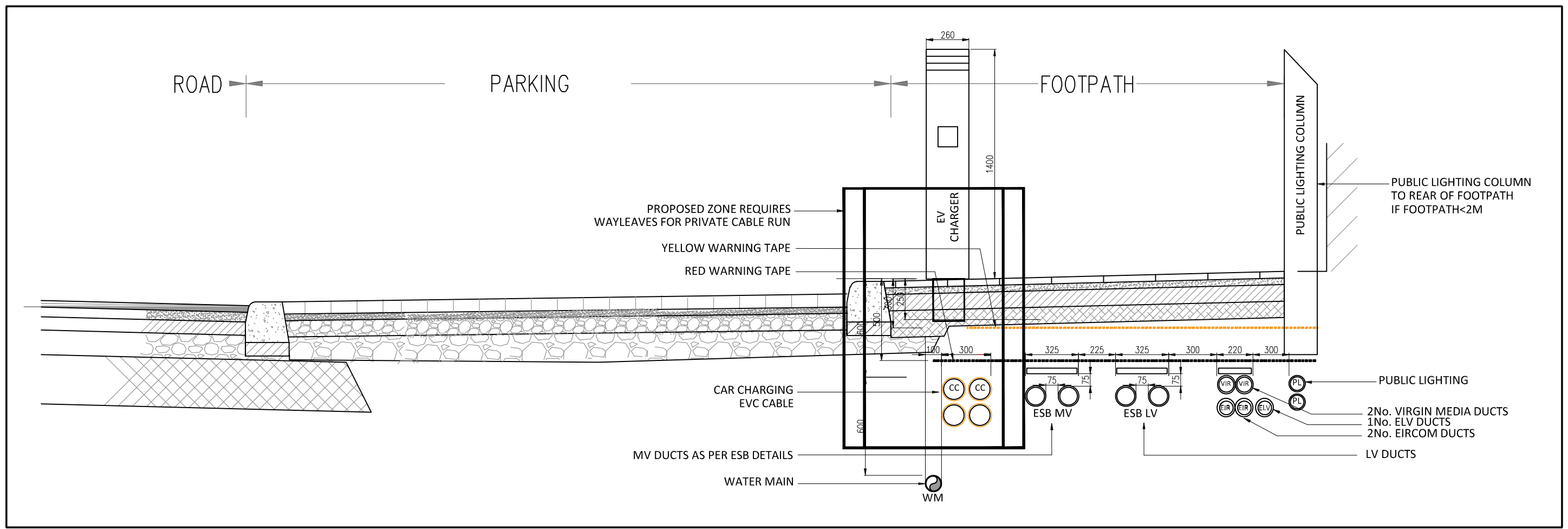
- DUCTING SHALL COMPLY WITH BS EN 50268-1-2 3-4 LATEST EDITION & SHALL BE SINGLE WALL, COLOURED RED & MANUFACTURED FROM HIGH DENSITY POLYETHYLENE. THE NOMINAL EXTERNAL DIAMETER OF THE DUCT SHALL BE 107mm WITH A MINIMAL WALL THICKNESS OF 5mm. EACH LENGTH OF DUCT SHALL BE STAMPED WITH THE WORDS "PUBLIC LIGHTING" OR ALTERNATIVELY "STREET LIGHTING" IN 3mm BLACK LETTERING AT 0.5 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 8KN STRENGTH.
- A MINIMUM DEPTH OF 450mm COVER IS REQUIRED IN URBAN PATHWAYS & A MINIMUM OF 600mm COVER IS REQUIRED FOR GRADES MARKING, PEDESTRIAN WAYS, LANEWAYS & GATEWAY ENTRANCES & A MINIMUM DEPTH OF 750mm IS REQUIRED AT ROAD CROSSINGS OR IN CARRIAGEWAYS.
- ALL EQUIPMENT TO BE SUITABLY IP RATED FOR THE ENVIRONMENT THEY ARE BEING INSTALLED.

LEGEND OF SYMBOLS

- EIRCOM JOINT BOX
- VIRGIN MEDIA JOINT BOX
- 600x600mm CABLE DRAW PIT / MANHOLE
- 4NDS. Ø125mm ESB MEDIUM VOLTAGE CABLE DUCTS
- 2NDS. Ø110mm VIRGIN MEDIA DUCTS
- 2NDS. Ø110mm EIR DUCTS
- 4NDS. Ø125mm ESB LV DUCTS
- 2NDS. Ø125mm EVC DUCTS
- 1NO. Ø32mm EIR DUCTS
- 1NO. Ø32mm VIRGIN MEDIA DUCTS
- 1NO. Ø50mm ESB LV DUCTS
- ELECTRICAL VEHICLE CHARGING POINT



DETAIL A -
TYPICAL TRENCH DETAIL
SCALE: N.T.S.



DETAIL B -
TYPICAL ROAD TRENCH DETAIL
SCALE N.T.S.

- THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DESIGN TEAM DRAWINGS AND SPECIFICATIONS.
- FOR SETTING OUT REFER TO ARCHITECT'S DRAWINGS. DO NOT SCALE THIS DRAWING. USE FIGURED DIMENSIONS ONLY.
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P02	08.11.24	SUITABLE FOR PLANNING	B.Z.	P.K.
P03	11.12.24	SUITABLE FOR PLANNING	P.K.	P.K.

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Client: ZOLBURY LTD.
Project: BLACK GLEN ROAD DEVELOPMENT
Title: MECHANICAL & ELECTRICAL
COMBINED SITE SERVICES LAYOUT
SITE PLAN
Code | Originator | Zone | Level | Type | Role | Number | Status | Revision
K455 · OCSC · XX · XX · DR · ME · 0002 · S4 · P03
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