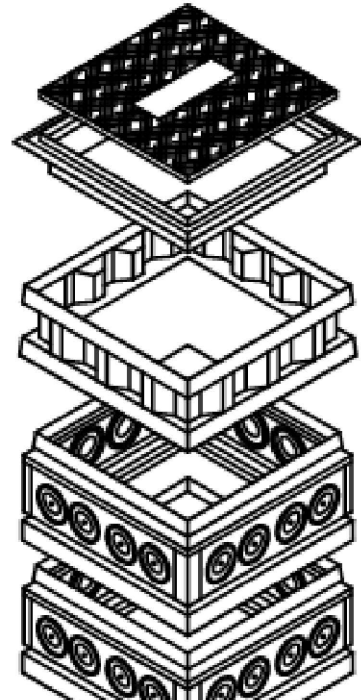
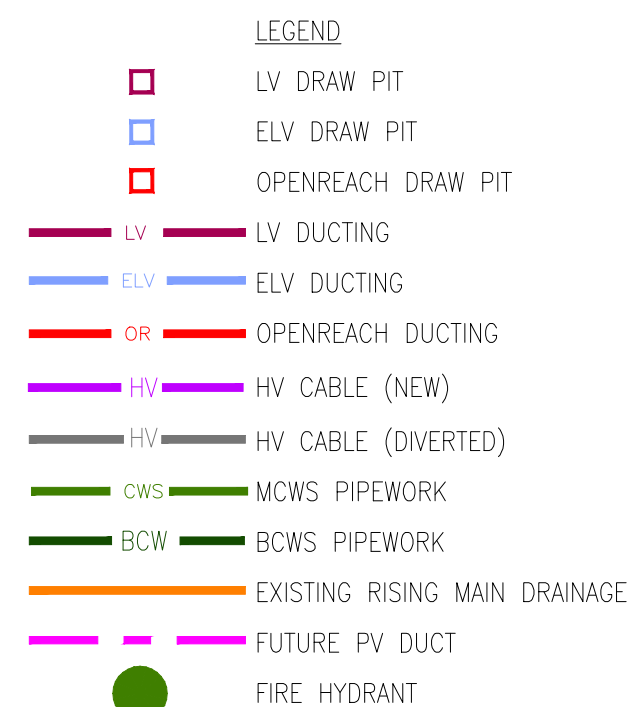
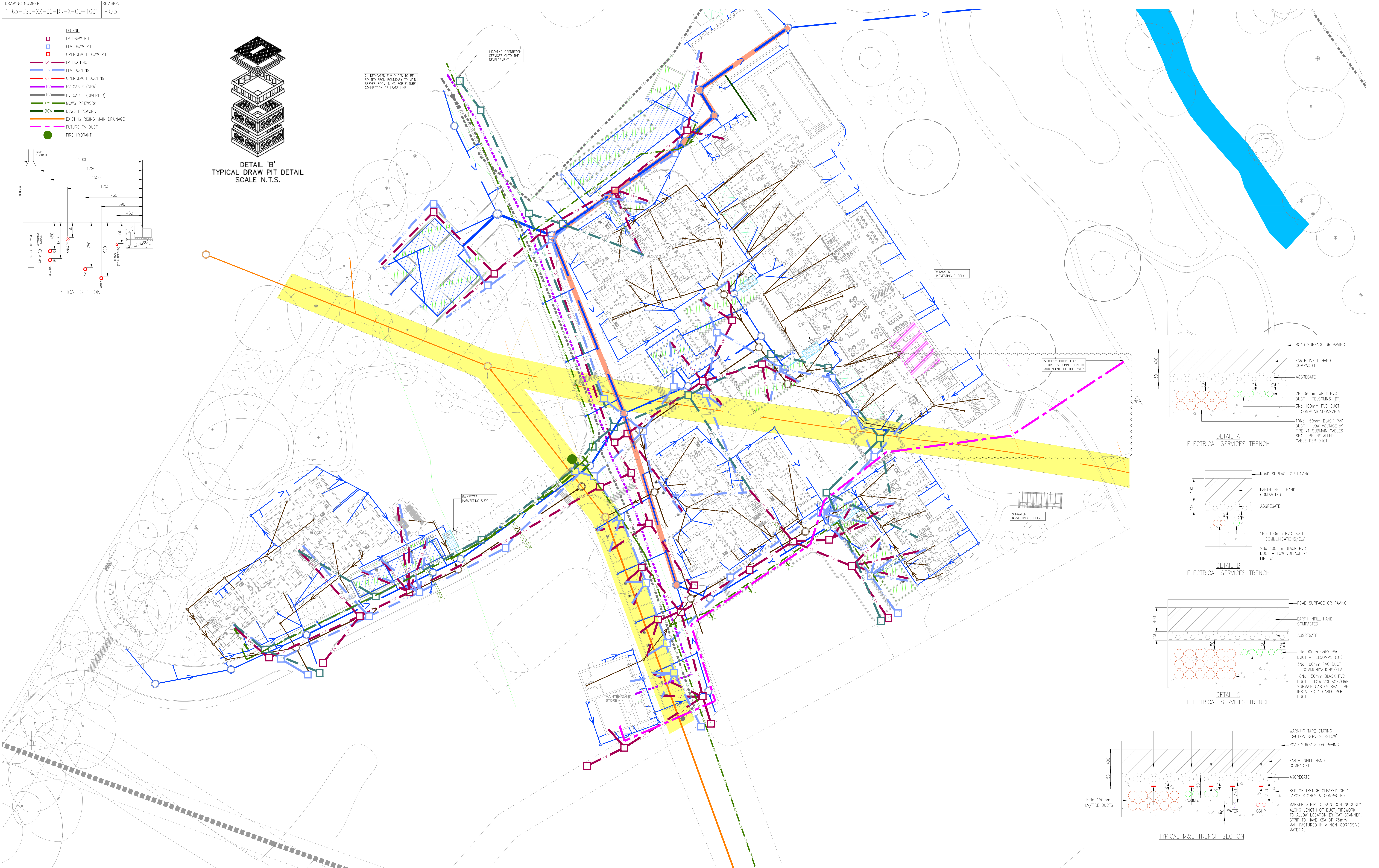
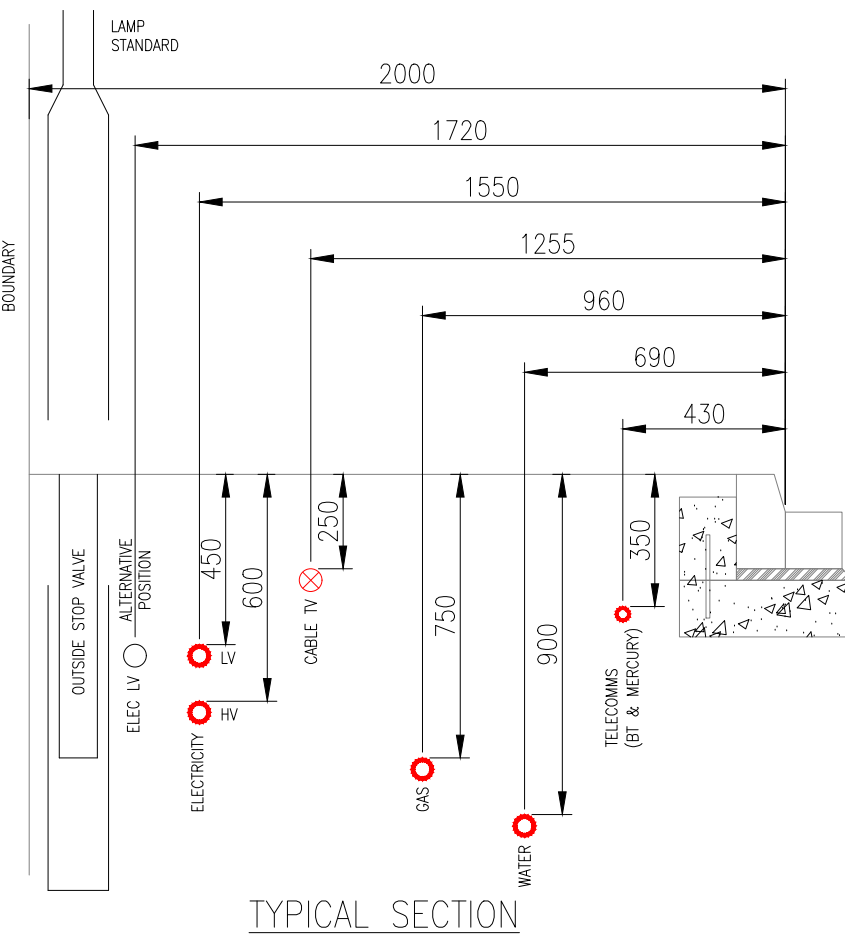
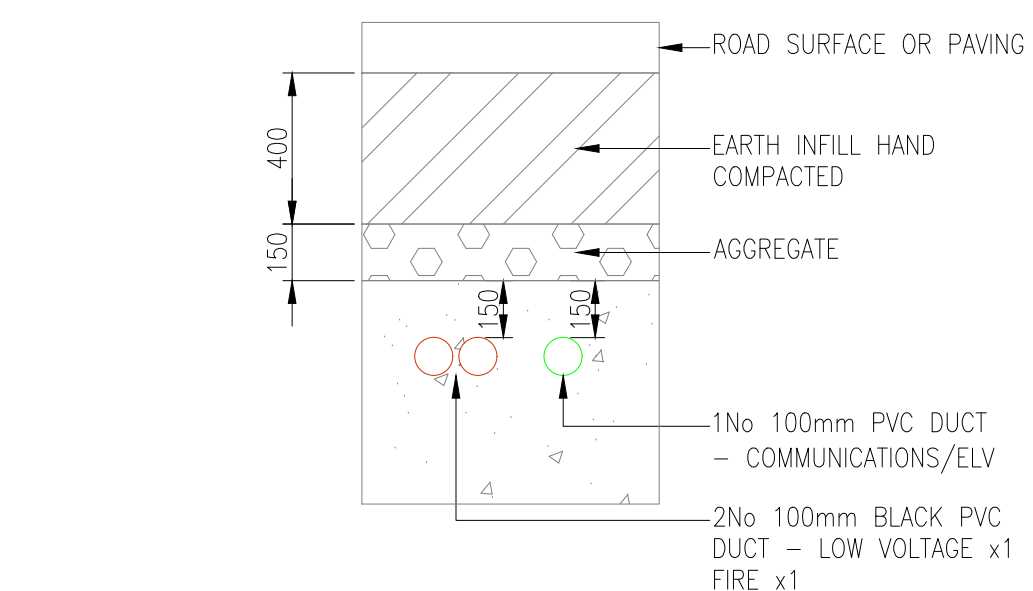




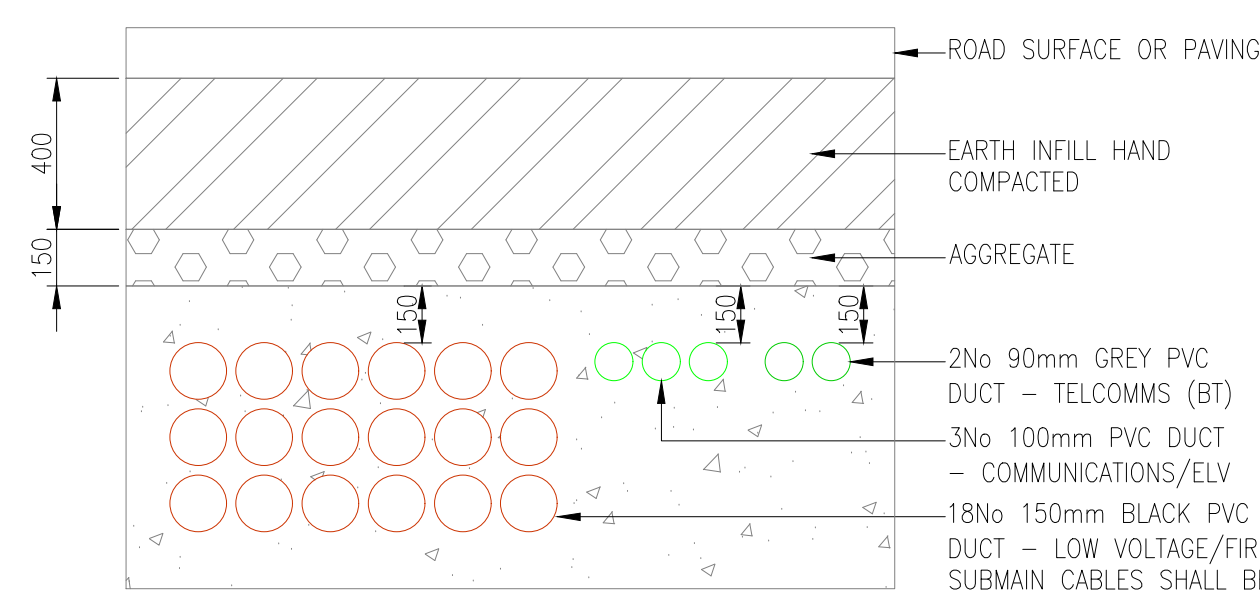
DETAIL 'B'
TYPICAL DRAW PIT DETAIL
SCALE N.T.S.



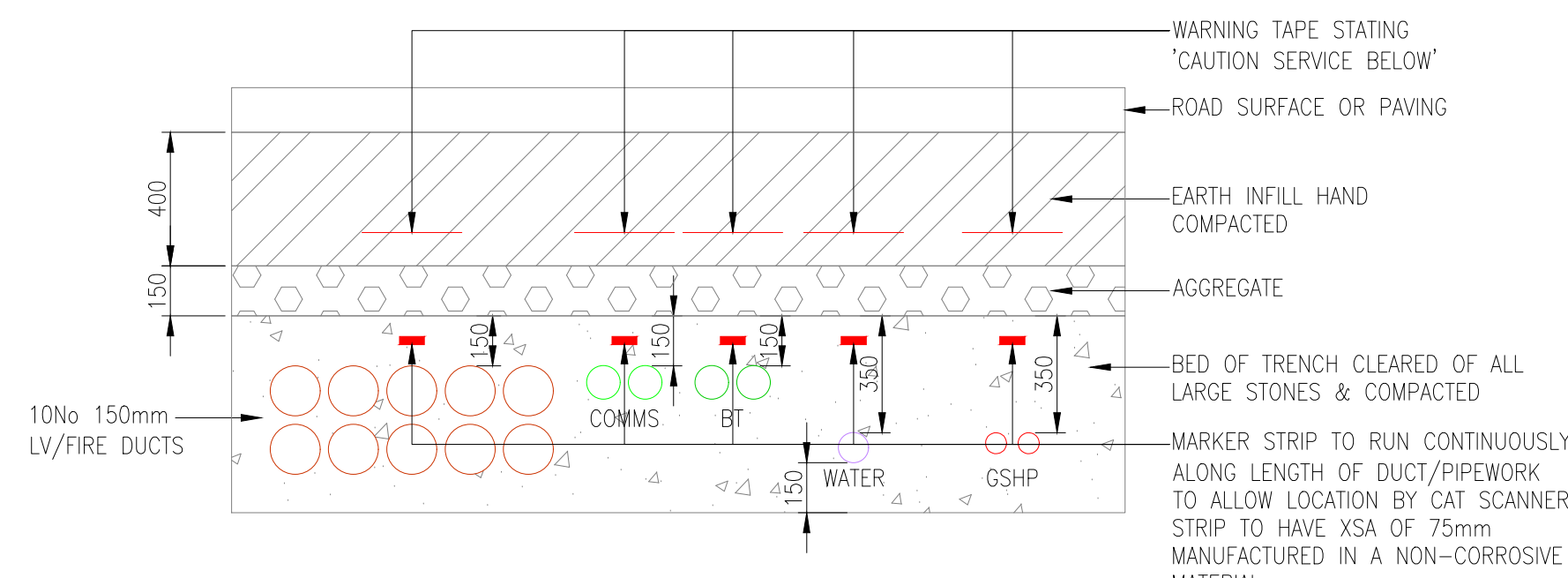
DETAIL A
ELECTRICAL SERVICES TRENCH



DETAIL B
ELECTRICAL SERVICES TRENCH



DETAIL C
ELECTRICAL SERVICES TRENCH



TYPICAL M&E TRENCH SECTION

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All dimensions are in mm unless otherwise stated

For information only, DO NOT SCALE drawing

All works shall be carried out in accordance with the Specification

Contractor must verify all dimensions on site before commencing any work or shop drawings

For Environmental Services Design's standard symbols refer to the relevant Specification.

P03	ISSUED FOR COMMENT	SM	SM	29.04.26
P02	ISSUED FOR COMMENT	SM	SM	26.03.26
P01	ISSUED FOR COMMENT	SM	SM	05.12.25
REV	DESCRIPTION	DESN	CHKD	DATE

NOTES

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|---|--|--|--|--|
| <p>1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL RELEVANT STRUCTURAL, ARCHITECTURAL & M&E DRAWINGS & SPECIFICATIONS.</p> <p>2. REFER TO FABRIC DRAWINGS FOR TOPOLOGY & BUILD UP.</p> <p>3. REFER TO RIDGE DRAINAGE DRAWING FOR FLOOR WATER, RAINWATER & STORM DRAINING LOCATIONS.</p> <p>4. SINGLE DUCTS TO PARKING BAYS SHALL BE 75mm PVC DUCT. DUCTS SHOW TO ALL PARKING BAYS FOR FUTURE USE, THE DUCTS SHALL BE INSTALLED WITH DRAW ROPE & BURIED AT THE HEAR OF EACH PARKING BAY.</p> | <p>5. THE UTILITIES SHOULD BE LAID AT A MINIMUM DEPTH WHEN CROSSING CARPARKWAYS AS FOLLOWS:</p> <p>TELECOMMUNICATIONS – 600mm
Gas – 700mm
Water – 900mm
ELECTRICITY – 600mm</p> <p>6. ALL BT DUCTS/CHAMBERS SHALL BE INSTALLED IN LINE WITH BT OVERHEAD BUILDER GUIDE TO TELECOMMUNICATIONS INFRASTRUCTURE. IN INSTALLATION, THE CONTRACTOR SHALL LIAISE WITH & MANAGE THE BT OVERHEAD INSTALLATION APPROVED SITE.</p> <p>7. ALL SUBTERRANEAN SERVICES SHALL BE FULLY CO-ORDINATED & INSTALLED TO NATIONAL JOINT UTILITIES GROUP GUIDANCE.</p> | <p>8. ALL SUBTERRANEAN SERVICES SHALL BE FULLY CO-ORDINATED & INSTALLED TO NATIONAL JOINT UTILITIES GROUP GUIDANCE.</p> <p>9. ALL DIMENSIONS, DEPTHS & SETTING OUT OF SERVICES/TRENCHES ARE TO BE CONFIRMED BY THE PROJECT CIVIL ENGINEERS.</p> <p>10. FIRE ALARM CABLEING SHALL BE INSTALLED WITHIN SEPARATE DUCTS ACROSS SITE.</p> <p>11. ALL CABLE DUCTS SHALL BE COORDINATED WITH THE BUILDING STRUCTURE IN RISING POSITIONS & BE ARRANGED IN A NEAT SQUARE FORMATION BELOW THE NECESSARY CONCRETE SLAB. THE DUCTS SHALL BE FITTED WITH CAP OFF TO PROTECT FROM VERMIN & BE COMPLETE WITH A NYLON DRAW ROPE SECURELY FASTENED.</p> | <p>11. DRAW PIT & ACCESS CHAMBER SIZES ARE INDICATIVE, THE FINAL SIZE IS TO BE DETERMINED BY THE CONTRACTOR, ALLOWING FOR INSTALLATION & FUTURE MAINTENANCE.</p> <p>12. THE CONTRACTOR SHALL INSTALL THE MINIMUM NUMBER OF CABLE DUCTS SHOWN ON THE LAYOUT, ANY ADDITIONAL DUCTS SHALL BE INSTALLED & INCLUDED BY THE CONTRACTOR. THE SITE WIDE INFRASTRUCTURE SHALL BE COMPLETE ON HANDOVER WITH 30% SPARE CAPACITY.</p> <p>13. CABLE DUCTS, DRAW PITS & ACCESS CHAMBERS SHALL BE MANUFACTURED BY CURBS SYSTEMS (OR EQUAL & APPROVED), UTILISING GRP STACKABLE TWIN WALL ACCESS CHAMBERS.</p> | <p>14. ACCESS CHAMBERS WITHIN FOOTPATHS SHALL BE PEDESTRIAN QUALITY & BE COMPLETE WITH RECEIVED COVERS TO ALLOW WALKER MATERIAL TO MATCH THAT OF THE FOOTPATH/SURROUNDING AREA.</p> <p>15. ACCESS CHAMBERS WITHIN ROADWAYS SHALL BE VEHICULAR QUALITY (HEAVY DUTY) & BE COMPLETE WITH DUCTILE IRON FRAME & COVER TO BS24 124. LOADS TO BE DETERMINED BY THE STRUCTURAL/CIVIL ENGINEER.</p> |
|---|--|--|--|--|

 Environmental Services Design Environmental Services Design Limited Suite 403, Furman House, Furman Quay, Salford Quays, Manchester, M50 3XZ www.esd-uk.com Tel: 0161 848 1250 Email: admin@esd-uk.com	TITLE MECHANICAL & ELECTRICAL SERVICES INGROUND SERVICES LAYOUT						
CLIENT INSPIRED VILLAGES	<table border="1"> <tr> <td data-bbox="2626 1946 2706 1961">SCALE 1:250</td><td data-bbox="2706 1946 2795 1961">ORIGINAL SIZE A0</td><td data-bbox="2795 1946 2917 1961">DATE October 2022</td></tr> <tr> <td data-bbox="2626 1961 2706 1971">DRAWN A.Candy</td><td data-bbox="2706 1961 2795 1971">DESIGNED S.Miller</td><td data-bbox="2795 1961 2917 1971">INIT CHECKED S.Miller</td></tr> </table>	SCALE 1:250	ORIGINAL SIZE A0	DATE October 2022	DRAWN A.Candy	DESIGNED S.Miller	INIT CHECKED S.Miller
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DRAWN A.Candy	DESIGNED S.Miller	INIT CHECKED S.Miller					
PROJECT WELL CROSS FARM BROADBRIDGE HEATH PHASE 1	<table border="1"> <tr> <td data-bbox="2626 1984 2706 1999">DRAWING NUMBER 1163-ESD-XX-00-DR-XX-P1-1001</td><td data-bbox="2706 1984 2917 1999">REVISION 01 PO3</td></tr> </table>	DRAWING NUMBER 1163-ESD-XX-00-DR-XX-P1-1001	REVISION 01 PO3				
DRAWING NUMBER 1163-ESD-XX-00-DR-XX-P1-1001	REVISION 01 PO3						