



NOTES

1. PMEP SITE SERVICES DRAWING DETAILS SHOWN ARE INDICATIVE OF PROPOSED SITE SERVICES DUCTING & CABLING INFRASTRUCTURE FOR DISCUSSION / COMMENT ONLY. REFER TO UTILITY PROVIDERS DESIGN DRAWINGS FOR EXACT DETAILS OF UTILITY DUCTING POINTS OF ENTRY TO THE SITE AND TO ENSURE ALL DUCTING CHAMBER LOCATIONS ARE INCLUDED.
2. COMMS DUCTING TO ENTER THE SITE AT 2 NO. POSITIONS INDICATED AND BE DISTRIBUTED AROUND THE SITE IN DUCTING AS INDICATED. TELECOMMS DUCTING TO BE Ø125mm AND QUANTITIES AS INDICATED ON THE DRAWINGS.
3. ESB MV DUCTING TO ENTER SITE ESB SUBSTATION AS SHOWN AND BE DISTRIBUTED AROUND THE SITE IN MV DUCTING. INSTALL Ø125mm ESB DUCTS BETWEEN LOCAL SUB-STATION AND SWITCH ROOM.
4. QUANTITY OF ESB DUCTS TO BE CONFIRMED BY ESB NETWORKS
5. ALL DUCTING SERVICE CHAMBER LIDS AND TRENCH LIDS USED THROUGHOUT THE SITE CAR PARK, CIRCULATION AREAS & LOADING/UNLOADING AREAS MUST BE SUITABLY IK RATED TO EN41 STANDARDS AND SUITABLE BEARING WEIGHT OF HGVs.
6. SERVICE CHAMBER LIDS AND TRENCH LIDS DESIGNED FOR PEDESTRIAN ROUTES WILL NOT BE ACCEPTED ON ROADS.
7. REFER TO CIVIL ENGINEERS DRAWINGS FOR FINAL COORDINATION DETAILS INCLUDING SITE LIGHTING LAYOUT AND UTILITY PROVIDER WAYLEAVE/ SLEEVE DRAWING LAYOUTS.
8. ALL EQUIPMENT TO BE SUITABLY IP RATED FOR THE ENVIRONMENT THEY ARE BEING INSTALLED.
9. REFER TO TYPICAL DETAIL DRAWINGS FOR ADDITIONAL INFORMATION PERTAINING TO INSTALLATION OF SERVICES/ DUCTS/ ETC.
10. ESB SUBSTATION TO BE INSTALLED AND CONSTRUCTED IN ACCORDANCE TO THE ESB SPECIFICATION AND REGULATIONS.

SCHEDULE OF SITE SERVICES SYMBOLS

- ESBI ESSH EXISTING ESB OVERHEAD LINE
 - ESBI ESSH EXISTING ESB UNDERGROUND MV/ LV LINE
 - ESBI ESSH 1No. 125mm ESB UNDERGROUND MV DUCTS (PROPOSED)
 - MV MV 1No. 150mm UNDERGROUND MV DUCTS
 - LV LV 1No. 125mm UNDERGROUND LV DUCTS
 - EIR EIR EXISTING EIRCOM DUCTING
 - 2-EIR 2-EIR 2No. Ø100mm EIRCOM DUCTING (PROPOSED)
 - EX VM EX VM EXISTING VIRGIN MEDIA DUCTING
 - 2-VM 2-VM 2No. Ø100mm VIRGIN MEDIA DUCTING (PROPOSED)
 - PL PL 1No. Ø100mm PUBLIC LIGHTING DUCTING
 - COMMS COMMS 2No. 100mm LANDLORD DUCTING
 - GAS GAS EXISTING GNI GAS PIPE LINE
 - GAS GAS NEW GNI GAS PIPE LINE (PROPOSED)
 - ELV ELV 3No. 100mm UNDERGROUND DUCTS (LV, SEC. DATA)
 - PVC PVC 50mm PVC DUCT
- MANHOLE TYPE 'A' 600mm x 600mm x 800mm DEEP
 - MANHOLE TYPE 'B' 1000mm x 1000mm x 1000mm DEEP
 - MANHOLE TYPE 'C' 1200mm x 1200mm x 1200mm DEEP
 - EIRCOM CHAMBER - JB4 TYPE
 - VIRGIN MEDIA CHAMBER - FW3 TYPE
 - MINI PILLAR
 - MICRO PILLAR
 - E-CAR CHARGER POINT (ALLOWANCE FOR 20% OF PARKING)
 - FUTURE E-CAR/ HGV CHARGER POINT
 - 300X300 JUNCTION BOX

CONNECTIONS TO UTILITY SERVICES SUBJECT TO AGREEMENT AND TO BE PROVIDED BY OR ON BEHALF OF THE STATUTORY UNDERTAKER

T3	UPDATE TO SDCC REQUIREMENTS	AS	ST	NP	08/05/23
T2	PL CHAMBERS ADDED TO SUIT TO SDCC SPEC	AS	ST	NP	02/05/23
T1	TENDER ISSUE	AS	ST	NP	19/04/23

REV	DESCRIPTION	DRN	ENG	APP	DATE
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HEALTH & SAFETY
ISO 45001:2018
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QUALITY
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PROJECT: APEX HUB WAREHOUSING/ LOGISTICS, OFFICE AND CAFE / RESTUARANT DEVELOPMENT

CLIENT: BLACKWIN LIMITED ARCHITECT: TOT ARCHITECTS

DRAWING TITLE: MECHANICAL & ELECTRICAL SERVICES INSTALLATION SITE SERVICES LAYOUT - ESB

SCALE: 1:750@A1 1:1500@A3	SHEET SIZE: A1	DRAWING No.: P048-PMEP-00-00-DR-ME-01-01	REV.: T1
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