

NOTES

1. PMEP SITE SERVICES DRAWING DETAILS SHOWN ARE INDICATIVE OF PROPOSED SITE SERVICES DUCTING & CABLING INFRASTRUCTURE FOR DISCUSSION / COMMENT ONLY.
2. 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.
3. COMMS DUCTING TO ENTER THE SITE AT 2 NO. POSITIONS INDICATED AND BE DISTRIBUTED AROUND THE SITE IN DUCTING AS INDICATED. TELECOMS DUCTING TO BE Ø125mm AND QUANTITIES AS INDICATED ON THE DRAWINGS.
4. 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.
5. QUANTITY OF ESB DUCTS TO BE CONFIRMED BY ESB NETWORKS
6. 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.
7. SERVICE CHAMBER LIDS AND TRENCH LIDS DESIGNED FOR PEDESTRIAN ROUTES WILL NOT BE ACCEPTED ON ROADS.
8. REFER TO CIVIL ENGINEERS DRAWINGS FOR FINAL COORDINATION DETAILS INCLUDING SITE LIGHTING LAYOUT AND UTILITY PROVIDER WAYLEAVE/ SLEEVE DRAWING LAYOUTS.
9. ALL EQUIPMENT TO BE SUITABLY IP RATED FOR THE ENVIRONMENT THEY ARE BEING INSTALLED.
10. REFER TO TYPICAL DETAIL DRAWINGS FOR ADDITIONAL INFORMATION PERTAINING TO INSTALLATION OF SERVICES/ DUCTS/ ETC.
11. ESB SUBSTATION TO BE INSTALLED AND CONSTRUCTED IN ACCORDANCE TO THE ESB SPECIFICATION AND REGULATIONS.

SCHEDULE OF SITE SERVICES SYMBOLS

|  |  |
|--|--|
|  | EXISTING ESB OVERHEAD LINE                         |
|  | EXISTING ESB UNDERGROUND MV/LV LINE                |
|  | 1No. 125mm ESB UNDERGROUND MV DUCTS (PROPOSED)     |
|  | 1No. 150mm UNDERGROUND MV DUCTS                    |
|  | 1No. 125mm UNDERGROUND LV DUCTS                    |
|  | EXISTING EIR/COM DUCTING                           |
|  | 2No. Ø100mm EIR/COM DUCTING (PROPOSED)             |
|  | 1No. Ø100mm PUBLIC LIGHTING DUCTING (PROPOSED)     |
|  | 2No. 100mm TELCO (ALTERNATIVE) DUCTING (PROPOSED)  |
|  | EXISTING GNI GAS PIPE LINE                         |
|  | NEW GNI GAS PIPE LINE (PROPOSED)                   |
|  | 3No. 100mm UNDERGROUND DUCTS (LV, SEC, DATA)       |
|  | 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 / TELCO CHAMBER                             |
|  | 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 BEHALF OF THE STATUARY UNDERTAKER

|     |  |    |    |    |          |
|-----|--|----|----|----|----------|
| P11 | ISSUED FOR CFI RESPONSE                    | ST | ST | NP | 22/11/22 |
| P10 | REVISED TO SUIT UPDATED ARCH & LANDSCAPING | ST | ST | NP | 17/11/22 |
| P9  | LAYOUT UPDATED TO SUIT NEW ARCH            | ST | ST | NP | 09/11/22 |
| P8  | ISSUED FOR FI RESPONSE                     | ST | ST | NP | 08/09/22 |
| P7  | ARCH UPDATED REISSUED FOR PLANNING         | ST | ST | NP | 07/09/22 |
| P6  | ARCH UPDATE REISSUED FOR PLANNING          | ST | ST | NP | 12/08/22 |
| P5  | ISSUED FOR PLANNING                        | FB | ST | NP | 04/04/22 |
| P4  | UPDATED ARCH LAYOUT/ ISSUED FOR PLANNING   | FB | ST | NP | 30/03/22 |
| P3  | UPDATED ARCH LAYOUT                        | TD | ST | NP | 22/02/22 |
| P2  | UPDATED ARCH LAYOUT                        | AS | ST | NP | 29/11/21 |
| P1  | PRELIMINARY ISSUE                          | AS | ST | NP | 23/11/21 |

| REV | DESCRIPTION | DRN | ENG | APP | DATE |
|-----|-------------|-----|-----|-----|------|
|-----|-------------|-----|-----|-----|------|

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**HEALTH & SAFETY**  
 ISO 45001:2018  
 NSAI Certified

**QUALITY**  
 ISO 9001:2015  
 NSAI Certified

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PROJECT: CALMOUNT RD - WAREHOUSING/ LOGISTICS, OFFICE AND CAFE / RESTUARANT DEVELOPMENT

CLIENT: BLACKWIN LIMITED  
 ARCHITECT: TOTP Architects

DRAWING TITLE: MECHANICAL & ELECTRICAL SERVICES INSTALLATION SITE SERVICES LAYOUT

SCALE: 1:750@A1, 1:1500@A3  
 SHEET SIZE: A1  
 DRAWING No.: P048-PMEP-00-00-DR-ME-01  
 REV.: P11

