



**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. TELECOMMS 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**

	ESB1	EXISTING ESB OVERHEAD LINE
	ESB1	EXISTING ESB UNDERGROUND MV/ LV LINE
	ESB1	1No. 125mm ESB UNDERGROUND MV DUCTS (PROPOSED)
	MV	1No. 150mm UNDERGROUND MV DUCTS
	LV	1No. 125mm UNDERGROUND LV DUCTS
	EIR	EXISTING EIRCOM DUCTING
	2-EIR	2NO. Ø100mm EIRCOM DUCTING (PROPOSED)
	PL	1No. Ø100mm PUBLIC LIGHTING DUCTING
	TELCO	2No. 100mm TELCO (ALTERNATIVE) DUCTING (PROPOSED)
	GAS	EXISTING GNI GAS PIPE LINE
	GAS	NEW GNI GAS PIPE LINE (UNLESS OTHERWISE SPECIFIED, SEC. DATA)
	ELV	50mm PVC DUCT
	PVC	MANHOLE TYPE 'A' 600mm x 600mm x 800mm DEEP
	A	MANHOLE TYPE 'B' 1000mm x 1000mm x 1000mm DEEP
	B	MANHOLE TYPE 'C' 1200mm x 1200mm x 1200mm DEEP
	C	
	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

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

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PROJECT	CALMOUNT RD - WAREHOUSING/ LOGISTICS, OFFICE AND CAFE / RESTURANT DEVELOPMENT
CLIENT	BLACKWIN LIMITED
ARCHITECT	TOTP Architects The Office of Total Partnership

DRAWING TITLE  
**MECHANICAL & ELECTRICAL SERVICES INSTALLATION  
SITE SERVICES LAYOUT**

SCALE	SHEET SIZE	DRAWING No.	REV.
1:750@A1 1:1500@A3	A1	P048-PMEP-00-00-DR-ME-01	P8

