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COLUMN SLEEVE DETAIL

UNDERGROUND SERVICES SEPARATION DIMS.

Root Mounted

Ref	H	Z	Dimensions (mm) CC2	CC1	X	Y	f1	S	Foundation Bolt Type	Flangeplate Type	Approx. Weight (kg)	Counter Balance Type	Max. Weight (kg)	Comp. Bracket Types	O.T.M. (KNm)	Shear (KN)
TG5/9L5	5m	800	76	168	3975	1550	–	–	–	–	59	RL50K RL51	10 27	ASD, FL1 PRC, PRB	4.8	1.3
TG6/9L5	6m	1000	76	168	4980	1550	–	–	–	–	66	RL50K RL51 RL52	10 10 26	ASD, FL1, PRC, PRB	4.7	1.2
TG8/9L5	8m	1200	89	168	6950	1550	–	–	–	–	89	RL52 RL53	11 17	FL2, PRA	5.7	1.3

RAISE & LOWER COLUMN DETAILS

SITE SERVICES – ELEMENT 50

1. NO SERVICE CONNECTION SHALL CROSS THE PUBLIC ROAD TO REACH ETU.
2. THE LOCATION OF THE SERVICES ARE INDICATIVE ONLY AND SUBJECT TO APPROVAL FROM THE RELATIVE SERVICE PROVIDERS AND STATUTORY BODIES.
3. THE ILLUSTRATED POSITION OF THE EXISTING WORKS IS SITE SPECIFIC AND SHALL BE DETERMINED ON SITE BY THE ENGINEERS REPRESENTATIVE.
4. THE INFORMATION ON THIS DRAWING IS COMPILED FROM RECORDS SUPPLIED TO THE ENGINEER.
5. ANY DEPARTURES FROM ROUTES SHOWN ON THIS DRAWING TO BE AGREED WITH THE ENGINEER.
6. IT WILL BE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE ALL SERVICES BY HAND EXCAVATION PRIOR TO CONSTRUCTION OR ANY MECHANICAL EXCAVATION.
7. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT, PRESERVE AND REINSTATE ALL SERVICES TO THE REQUIREMENTS OF THE RESPECTIVE UTILITIES.
8. FINAL POSITION OF ALL BOUNDARY BOXES, CHAMBERS, MAN HOLES, ABOVE GROUND PILLARS & CABINETS TO BE AGREED WITH THE LANDSCAPE ARCHITECT.
9. GAS MAIN (4 BAR) TO BE MAINTAINED A MINIMUM OF 3 METERS FROM DWELLINGS AT ALL TIMES.
10. ALL ESB & STREET LIGHTING STRICTLY IN ACCORDANCE WITH ESB GUIDELINE INCLUDING SEPARATION DISTANCES BETWEEN PILLAR's AND OTHER SERVICES
11. ALL SERVICES BOXS, MANHOLE CHAMBERS, ABOVE GROUND PILLARS & CABINETS TO BE POSITIONED ON PUBLIC LAND.

SITE SERVICES LEGEND – ELEMENT 50

ESB	Ø125 ESB RED DUCT
PL	3X6sq SWA CALBE LAID IN DUCTING TO I.S.10101:200 SINGLE WALL DUCTING, COLOUR RED TO BE USED MANUFACTURED FROM HIGH DENSITY POLYETHYLENE (H.D.P.E), 107mm EXTERNAL DIAMETER, HAVING A WALL THICKNESS OF 5mm THIS DUCTING TO HAVE THE WORDS "STREET LIGHTING" STAMPED ON, LETTER SIZE 9mm AT 1M INTERVALS. THE LETTERING TO FACE UPPERMOST IN THE TRENCH ALL WORKS TO LOCAL AUTHORITY SPECIFICATION. THIS IS A CIRCUIT LAYOUT AND NOT INDICATIVE OF WHERE DUCTS ARE TO BE LAID.
	MICRO PILLAR
PC	PUBLIC LIGHTING CHAMBER
	TYPE A COLUMN DETAILS HEIGHT : 6m COLUMN QUANTITY : 10 **TYPE A COLUMNS DETAILS** MAKE & MODEL : VEELITE METRO STREETLIGHT 19W LED FORWARD THROW A OPTIC LAMP(S) : 8 LED 2700K G4 MF : 0.83
	TYPE B COLUMN DETAILS HEIGHT : 6m COLUMN QUANTITY : 36 **TYPE B COLUMNS DETAILS** MAKE & MODEL : VEELITE METRO STREETLIGHT 19W LED STREET OPTIC R03 LAMP(S) : 8 LED 2700K G4 MF : 0.83
	TYPE C COLUMN DETAILS HEIGHT : 6m COLUMN QUANTITY : 17 **TYPE C COLUMNS DETAILS** MAKE & MODEL : VEELITE METRO STREETLIGHT 19W LED STREET OPTIC R01 LAMP(S) : 8 LED 2700K G4 MF : 0.83
	TYPE D COLUMN DETAILS HEIGHT : 8m COLUMN QUANTITY : 13 **TYPE D COLUMNS DETAILS** MAKE & MODEL : VEELITE METRO STREETLIGHT 38W LED STREET OPTIC R03 LAMP(S) : 24 LED 3000K G4 MF : 0.83

Rev:	Date:	Note:
P1-P02	25.02.26	ISSUED FOR INFORMATION
P1-P01	11.02.26	ISSUED FOR INFORMATION

FALLON DESIGN M&E ENGINEERING
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Architect:
MCORM ARCHITECTURE AND URBAN DESIGN

Project:
RESIDENTIAL DEVELOPMENT AT SOUTHGREEN LRD

Scale @ A1:	Date:	Drawn by:	Checked by:	Approved by:
1:500	FEB 2026	MS	KZ	

Dwg. SITE SERVICES - PUBLIC LIGHTING SHEET 2 OF 2

Dwg No. PROJECT SUB-PROJECT SYSTEM ZONE LEVEL TYPE ORIGINATOR ROLE SEQUENCE
STG-XX-60-SW-XXX-DR-FDE-EE-1001

Revision:	Issue:	Project No:
P1-P02	INFORMATION	2602