

General Notes						
A. DO NOT SCALE FROM THIS DRAWING- WORK ONLY FROM FIGURED DIMENSIONS.						
B. ALL ERRORS & OMISSIONS TO BE REPORTED TO THE CONSULTING ENGINEER						
		P03	S4	15/07/21	ISSUE FOR INFORMATION	C.Me
C. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ARCHITECTS AND STRUCTURAL ENGINEER'S DRAWINGS.	8	P02	S4	25/06/20	ISSUE FOR INFORMATION	C.Me
		P01	S2	09/12/20	ISSUE FOR INFORMATION	P.F
D. REFER TO DOCUMENT REGISTER FOR DESCRIPTION OF STATUS CODES.		Rev	Status	Date	Description	D.I
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RHONELLEN DEVELOPMENT Project Title

TEMPLAR PLACE SHD

Drawing Title MECHANICAL/ELECTRICAL EXISTING SITE SERVICES DRAWING



<u>NOTES:</u>

- . TRENCH SIZES: EIRCOM 800MM DEEP X 600MM WIDE ESB 800MM DEEP X 600MM WIDE SITE LTG 800MM DEEP X 600MM WIDE EIRCOM + ESB 800MM DEEP X 1100MM WIDE EIRCOM + ESB + SITE LTG 800MM DEEP X 1300M WIDE LPG 900 DEEP x 600MM WIDE WATER 1000 DEEP x 600MM WIDE
- 2. THERE SHOULD BE A SEPARATION OF AT LEAST 2 METERS BETWEEN ESB NETWORKS MINIPILLAR AND THE PUBLIC LIGHTING SYSTEM MICROPILLAR, PUBLIC LIGHTING COLUMN OR ANY OTHER PRIVATE MICRO PILLAR
- 3. A 3 METER WIDE UNRESTRICTED PAVED ACCESS IS REQUIRED TO THE ESB SUBSTATION. THE PAVING MUST BE OF CONCRETE, BRICK PAVING OR OTHER DURABLE MATERIAL CAPABLE OF WITHSTANDING OCCASIONAL HEAVY TRAFFIC.
- 4. THE CONTRACTOR SHALL SUPPLY AND INSTALL AN ESB NETWORKS APPROVED OUTDOOR METER CABINET, WHICH MUST BE CONTINUOUSLY ACCESSIBLE TO ESB NETWORKS AND UNOBSTRUCTED BY SIDE GATES. THE CABINET MUST BE INSTALLED WITHIN 2 METERS OF THE FRONT LINE OF THE HOUSE AND MUST BE INSTALLED AT A HEIGHT OF BETWEEN 1 METER AND 1.2 METERS ABOVE FINISHED GROUND LEVEL
- 5. THE CONTRACTOR SHALL SUPPLY AND INSTALL AN ESB NETWORKS APPROVED "HOCKEY STICK" AT THE METER CABINET POSITION
- 6. THE CONTRACTOR SHALL SUPPLY AND INSTALL CONTINUOUS ESB NETWORKS APPROVED MDPE 50mm OD RED SERVICE DUCT AT A DEPTH OF 600mm, FROM THE HOCKEY STICK POSITION TO THE REQUIRED MINIPILLAR VAULT 7. THE CONTRACTOR SHALL INSTALL ESB NETWORKS APPROVED YELLOW WARNING TAPE 300mm BELOW FINISHED GROUND LEVEL ALONG THE FULL LENGTH OF AND OVER EACH DUCT
- 8. THE CONTRACTOR SHALL SUPPLY AND INSTALL STRONG CONTINUOUS 10mm POLYPROPYLENE DRAW ROPE FREE OF KNOTS AND SECURE AT BOTH ENDS IN EACH DUCT
- 9. THE CONTRACTOR SHALL INSTALL AN ESB NETWORKS APPROVED 125mm, 22.5 DEGREE BEND ON EACH MAINS CABLE DUCT ON ENTRY OF DUCT TO A MINIPILLAR VAULT
- 10. INSTALL EACH BEND FOR MAINS CABLE DUCTS AT AN UPWARD ANGLE TO ASSIST WITH CABLE PULLING. EACH BEND SHOULD BE CUT FLUSH WITH INTERNAL WALL OF VAULT
- 11. INSTALL MAINS CABLE DUCTS THROUGH THE SIDE FACES OF THE MINIPILLAR VAULT ONLY
- 12. INSTALL SERVICE CABLE DUCTS AT THE SAME LEVEL (600mm) OR BELOW THE LEVEL OF MAINS CABLE DUCTS
- 13. INSTALL SERVICE CABLE DUCTS THROUGH THE SIDE FACES OF THE MINIPILLAR VAULT IN THE CLOSEST KNOCK OUT / OPENINGS TO THE MINIPILLAR
- 14. MINIPILLAR BODY TO BE INSTALLED LEVEL, GROUND LEVEL MARK FLUSH WITH GROUND LEVEL AND FRONT FACE OF MINIPILLAR FLUSH WITH INSIDE LINE OF FOOTPATH
- 15. BLOCK BUILT MINIPILLAR VAULTS ARE NOT ACCEPTABLE. PLASTIC VAULTS TO BE BACKFILLED WITH 15N CONCRETE.
- 16. MINIPILLAR VAULTS ARE TO BE BEDDED SECURELY.
- 17. MINIPILLAR VAULTS ARE TO BE CLEAN AND FREE FROM ANY OBSTRUCTIONS. THERE SHALL BE NO GAP BETWEEN THE VAULT AND MINIPILLAR
- 18. PREFABRICATED MINI PILLAR VAULTS ARE TO BE INSTALLED ACCORDING TO DETAILED MANUFACTURER'S INSTRUCTIONS SUPPLIED WITH EACH UNIT
- 19. MINIPILLARS TO BE INSTALLED WITH EARTHING AS PER ESB NETWORKS SPECIFICATION
 - LEGEND: SITE RED LINE EXISTING ESB UNDERGROUND DUCTING EXISTING ESB LV OVERHEAD CABLING EXISTING BELOW GROUND EIR CABLES SS EXISTING ESB MV UNIT SUBSTATION EXISTING ESB POLE EXISTING EIR NODE ABOVE GROUND GAS PIPEWORK ABANDONED GAS PIPEWORK END CAP ISOLATION VALVE REDUCER

