



1. BACKFILL IS TO BE OF SELECTED EXCAVATED MATERIAL AND IS TO BE REPLACED IN LAYERS NOT EXCEEDING 150mm AND COMPACTED TO EQUAL ADJACENT UNDISTURBED MATERIAL
2. SAND IS TO BE CLEAN WASHED RIVER SAND PLACED IN LAYERS NOT EXCEEDING 150 mm AND COMPACTED TO EQUAL ADJACENT UNDISTURBED MATERIAL
3. BACKFILL MATERIAL PLACED WITHIN 150 mm OF THE DUCTS OR CABLES SHALL BE FREE FROM BOULDERS OR ROCK AND ALL SIMILAR HARD MATERIAL GREATER THAN 50 mm IN SIZE
4. A 70 sq.mm BARE COPPER CONDUCTOR IS TO BE LAID IN A CONTINUOUS STRIP ALONG THE TOP OF THE TRENCH
5. POLYMERIC CABLE COVER IS TO HAVE A MINIMUM OF 600 mm OVERLAP WHEN JOINED
6. DUCTS ARE TO BE OF HEAVY DUTY RIGID UPVC CONDUITS TO AS2053
7. CONCRETE SLAB 800 X 400 X 50mm ARE TO BE USED AS CABLE COVER.
8. DUCTS ARE TO BE RIGIDLY JOINTED THE FULL LENGTH OF THE PROVIDED COUPLING WITH SUITABLE JOINTING COMPOUND IN SUCH A WAY AS TO EXCLUDE WATER ENTRY
9. ALL DUCT TERMINATIONS (OTHER THAN IN CONCRETE CABLE PITS) ARE TO BE SEALED WITH A NON-SETTING CALKING COMPOUND AND 3 METRES CABLE MARKER BALLS ARE TO BE PLACED AT THE TERMINATIONS. WHERE DUCTS ARE NOT IN USE THEY SHALL BE SEALED WITH PVC END CAPS.
10. GREAT CARE SHOULD BE TAKEN TO ENSURE NO DAMAGE OCCURS TO CABLES DURING INSTALLATION
11. SURFACE IS TO BE REINSTATED TO ORIGINAL CONDITION
12. CABLE MARKERS ARE TO BE PLACED IN NON U.R.D. AREAS AT EVERY CHANGE IN DIRECTION AND AT APPROXIMATELY 30 METRE INTERVALS
13. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH CABLE ROUTE PLANS
14. REFER TO DRAWINGS S02-4-1-01 TO S02-4-1-14 FOR CORRECT FOOTPATH ALLOCATION WITHIN THE ROAD RESERVE
15. WHERE FOOTPATH ALLOCATIONS AS SHOWN ON DRAWING S02-4-1-01 TO S02-4-1-14 CAN NOT BE FOLLOWED FOR REASONS OTHER THAN ROAD CROSSINGS OR CONSUMER SERVICE ENTRY (e.g. STREET LIGHTING IN MEDIAN STRIPS) THE ACTUAL ROUTE IS TO BE NEGOTIATED WITH THE RELEVANT AUTHORITY
16. WIDTH OF TRENCH IS DEPENDANT ON THE NUMBER, SIZE, AND CONFIGURATION OF CABLES AND/OR DUCTS REQUIRED
17. COMPACTION WITHIN THE HATCHED AREA OF DRAWING S02-2-6-01 IS TO BE TO THE REQUIREMENTS OF THE RELEVANT ROAD AUTHORITY
18. BOTH ENDS OF DUCTS ARE TO BE ACCESSIBLE WITHOUT DISTURBANCE TO OTHER SERVICES
19. ROAD CROSSINGS SHALL BE INDELIBLE MARKED ABOVE THE DUCT WITH EITHER:
 - A LETTER "E" ON THE FACE OF THE KERB ON BOTH SIDES OF THE ROAD. THE LETTER "E" SHALL BE AT LEAST 50 mm HIGH AND ENGRAVED OR IMPRESSED INTO THE KERB AND PAINTED RED, OR
 - A STAINLESS STEEL TAG AND PIN AS SHOWN IN S02-1-8-28
20. POLYMERIC CABLE COVERS SHALL BE PLACED ABOVE ALL CABLES THAT ARE OUTSIDE OF THE FOOTPATH ALLOCATION AND ABOVE ALL OPEN TRENCHED ROAD CORSSINGS. REFER TO DRAWING S02-1-8-06 FOR POLMERIC CABLE COVERS

NO	DESCRIPTION	DRN	DATE	CKD	APPD
10	EARTH CONDUCTOR RELOCATED. NOTE 5. 19 AMENDED. NOTE 20 ADDED	AT	04.11	BC	SC
9	MINIMUM CABLE COVERED AMENDED	CM	03.10	BC	CF
8	CABLE COVER AND EARTH STUMP DISTANCE AMENDED	JC	11.08	BC	SC
7	NOTE .4 REVISED; NOTE. 10 DELETED; LOGO CHANGED	CM	10.04	RC	CF
AMENDMENTS					



DES	...	POWER STANDARD DRAWING		
DRN	C. McLAREN	CIVIL ROAD CROSSING AND TRENCHING NOTES ALL AREAS		
CKD	R.C/C.FOO			
APPD	...			
SCALE	N.T.S.			
ISSUED	01.10.2004	A3	DRAWING NUMBER	S02-2-6-01
ALL DIM.	IN mm			
DRAFTING STANDARD TO A.S.1100		CAD PRODUCT - DO NOT AMEND MANUALLY		

