

NOTES:

- 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
- BACKFILL MATERIAL PLACED WITHIN 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
- 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 18
 ARE NOT IN USE THEY SHALL BE SEALED WITH PVC END CAPS.
- 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 S02-04-01-01 TO S02-04-01-14 FOR CORRECT FOOTPATH ALLOCATION WITHIN THE ROAD RESERVE
- 15. WHERE FOOTPATH ALLOCATIONS AS SHOWN ON DRAWING S02-04-01-01 TO S02-04-01-14 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 S02-02-06-01 IS TO BE TO THE REQUIREMENTS OF THE RELEVANT ROAD AUTHORITY

18. BOTH ENDS OF DUCTS ARE TO BE ACCESSIBLE WITHOUT DISTURBANCE

IMPRESSED INTO THE KERB AND PAINTED RED, OR

- TO OTHER SERVICES
 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
- A STAINLESS STEEL TAG AND PIN AS SHOWN IN S02-01-08-28
 20. POLYMERIC CABLE COVERS SHALL BE PLACED ABOVE ALL CABLES THAT ARE OUTSIDE OF THE FOOTPATH ALLOCATION AND ABOVE ALL OPEN TRENCHED ROAD CROSSINGS. FOR POLYMERIC CABLE COVER REFER TO DRAWING S02-01-08-06. FOR THRUST BORING CONSTRUCTION, POLYMERIC CABLE COVERS ARE ONLY NEEDED AFTER THE DUCT CLEARS THE ROAD KERB AND ONE POLYMERIC CABLE COVER LAYER IS ACCEPTABLE.
- 21. IF CONDUIT DEPTH AT CENTRELINE OF THE ROADWAY EXCEEDS 1500mm AND IF THRUST BORING OPTION IS NOT POSSIBLE DUE TO STORM WATER PIPE INTERFERENCE REFER TO SHEETS 2 AND 3.

AMENDMENTS									
NO	DESCRIPTION	DRN	DATE	CKD	APPD				
7	NOTE ,4 REVISED; NOTE, 10 DELETED; LOGO CHANGED	CM	11.04	RC	CF				
8	CABLE COVER AND EARTH STUMP DISTANCE AMEMDED	JC	11.08	BC	SC				
9	MINIMUM CABLE COVERED AMENDED	CM	03.10	BC	CF				
10	EARTH CONDUCTOR RELOCATED, NOTE 5, 19 AMENDED, NOTE 20 ADDED	AT	04.11	BC	SC				
	MIN DISTANCE	IB	APR'18	BV	BC				
11	TITLE BLOCK & NOTE 20 AMEND, ADDED NOTE 21 & TRENCH BOUNDARY	CWM	APR'20	ВС	BV				
12	PAGE 2 UPDATED & PAGE 3 INCLUDED	c.c.	OC T'21	B.V.	A.N.				
13	AMEND NOTE 21. AMEND SHEET 3.	-	_	-	-				
14	AMENDED DIMENSIONS, DRAWING LABEL AMENDED, AMENDED SHEET 2 & 3.	P.BH.	SEP'23	B.C.	B.V.				



DES		POWER STANDARD DRAWING					
DRN C.McLAREN	CIVIL		_				
CKD R.C/C.F00	ROAD CROSSING AND						
APPD		TRENCHING NOTES ALL AREAS (SHEET 1 OF 3)					
SCALE N.T.S.		NEAS (SIIEE)	1.01.37				
ISSUED 01.10.2004		DRAWING	502 02 06 01 1	$T \Lambda$			
ALL DIM. IN mm	− A 3	NUMBER	S02-02-06-01 <u></u> 1	14			
DRAFTING STANDARD	O A.S.1100	CAD PRODUCT - DO NOT AMEND MANUALLY					



