



NOTES

1. TOP OF CONDUIT TO BE SEALED WITH PWC APPROVED CONDUIT SEALANT (REFER DWG S02-01-09-06) AND TO BE ENCLOSED BY CABLE PROTECTION CHANNEL.
2. CABLE PROTECTION CHANNEL TO BE 2.0 METRES LONG.
3. THERE MUST BE SUFFICIENT CLEARANCE BETWEEN CONDUIT, CABLE CHANNEL AND POLE FOUNDATION FOR WATER DRAINAGE.
4. CABLE PROTECTION CHANNEL SHALL BE INSTALLED AS FOLLOWS:
 - 5a. CONDUIT ON STRONG SIDE OF POLE
CABLE PROTECTION CHANNEL SHALL BE ATTACHED TO THE POLE BY SPOT WELDING AT MAXIMUM 300mm SPACING.
 - 5b. CONDUIT ON WEAK SIDE OF POLE
CABLE PROTECTION CHANNEL AND BACKING PLATE SHALL BE ATTACHED TO THE POLE.
THE BACKING PLATE SHALL BE FITTED BETWEEN THE CONDUIT AND POLE FACE. PREFERENCE IS FOR PLATE TO BE SPOT WELDED TO POLE, THOUGH POWER ACTUATED FASTENERS ARE ALSO ACCEPTABLE AT MAXIMUM 300mm SPACING.
CHANNEL SHALL BE FIXED TO POLE BY SPOT WELDING AT MAXIMUM 300mm SPACING. PLATE CAN TEMPORARILY BE FIXED TO POLE PRIOR TO WELDING BY USE OF POWER ACTUATED FASTENERS FIXED AT MAXIMUM 300mm SPACING.
5. WHEN A PRE-EXISTING POLE IS TO BE USED, THE EXISTING POLE'S CONCRETE FOOTINGS MUST BE BROKEN FOR THE CONDUIT TO BE INSTALLED AS SHOWN. THE CONCRETE FOOTING IS TO BE REINSTATED.
6. REFER TO S01-04-04-01 POWER SERVICES, LINE/SERVICE POLE INSTALLATION, CIVIL WORKS, FOR THE REQUIREMENT AND INSTALLATION OF POLE CONCRETE FOUNDATIONS.
7. FOR POSSIBLE FUTURE UNDERGROUND CABLE RETERMINATION, CREATE EXCESS CABLE LENGTH BY LOOPING THE CABLE IN THE SAND PIT HORIZONTALLY (PARALLEL TO GROUND). THE CABLE LOOP RADIUS SHALL NOT BE LESS THAN THE MINIMUM PERMITTED CABLE BENDING RADIUS. REFER TO S02-04-02-05 OR REFER TO THE CABLE MANUFACTURERS DATA. SAND SHALL BE WASHED IN TO PREVENT FURTHER COMPACTION.

ITEM	QTY.	DESCRIPTION	ITEM NUMBER	DRG No.
7	AR	CABLE MARKER TAPE	6569	S02-01-08-05
6	AR	CONDUIT 150mm ϕ	-	S02-01-09-02
5	AR	POLYMERIC CABLE COVER	-	S02-01-08-06
4	1	BEND, SWEEP, 90 DEG. CONDUIT 150mm ϕ	-	S02-01-09-02
3	1	CABLE PROTECTION CHANNEL	-	S01-01-04-30
2	AR	UNDERGROUND CABLE	-	-
1	1	POLE STRUCTURE	-	-

MATERIAL SCHEDULE

NO	DESCRIPTION	DRN	DATE	CKD	APPD
6	AMENDED NOTE 4 & 5. UPDATED CABLE PROTECTION CHANNEL.	P.BH.	AUG'23	B.V.	B.C.
5	AMEND NOTES 1 & 7. AMEND IMAGERY. AMEND MATERIAL SCHEDULE	C.C.	APR'22	B.V.	B.C.
4	UPDATE REQUIREMENT FOR APPROVED CONDUIT SEAL NOTE 1	C.C.	FEB'21	B.V.	B.C.
3	TITLEBLOCK & DRAWING NUMBERS FORMATTED	K.T.	JAN'19	C.C.	C.C.
2	NOTE 6 ADDED, CONCRETE FOUNDATION AMENDED, DWG AMEND. No. REVISED	K.T.	JUN'16	I.B.	B.C.
1	ADDED NOTES & MORE TO DETAIL 'A'	C.M.	SEP'08	A.T.	S.C.
0	ISSUED FOR COMMENT	J.C.	JUN'08	A.T.	S.C.



DES	A.T.	POWER STANDARD DRAWING	
DRN	J.C.	HV - OVERHEAD TO UNDERGROUND GROUND LEVEL DETAIL	
CKD	A.T.	A3	DRAWING NUMBER S01-02-04-12
APPD	S.C.		
SCALE	AS SHOWN	DRAFTING STANDARD TO A.S.1100	
ISSUED	JUNE 2008	CAD PRODUCT - DO NOT AMEND MANUALLY	
ALL DIM. IN mm		AMDT	