

TYPICAL POLE RECTIFICATION  
SCALE 1:2

**GENERAL NOTES**

1. POLE LINE TYPE 9, 10.5, 12 & 13.5.
2. FOOTING TO BE AS PER TABLE AND DRAWING S01-4-1-21
3. POLE HAS BEEN CLASSIFIED FOR REPLACEMENT.
4. SERVICES ARE ASSUMED TO BE LIVE.

**SAFETY**

1. REVIEW WORK INSTRUCTIONS
2. DEVELOP A JOB SPECIFIC JSEA
3. CONFIRM PPE REQUIREMENTS
4. PERMIT TO WORK ISSUED BY PWC

**DECONSTRUCTION**

1. OBTAIN WORK PACK FROM PWC
2. SETUP JOB SITE WITH SAFETY BARRIERS AND TRAFFIC CONTROL
3. RECEIVE REPAIR KIT FROM PWC STORES
4. CHECK AND REASSESS POLE TOP CONDITION TO ENSURE NO LOOSE HARDWARE.
5. SETUP CRANE AND CONNECT TO POLE WITH JAWS, HOOK & SLING.
6. EXCAVATE FOOTING WITH VAC TRUCK TO CORRECT DEPTH AND DIAMETER.
7. CUT POLE AT 200mm ABOVE GROUND LEVEL.
8. REMOVE EXISTING CORRODED POLE STUB FROM HOLE.
9. FINAL CUT POLE AT 600mm ABOVE GROUND LEVEL

**CONSTRUCTION**

1. DESCALE POLE TO 1500mm TO REMOVE SCALE RUST.
2. INSTALL EARTH COIL AND LOWER INTO HOLE.
3. STIFFENER CAPS MAY NEED GRINDING TO FIT
4. REMOVE TEMPORARY STRIPE COAT FROM BEVEL EDGES TO NEW PFC'S
5. PLACE NEW PFC'S INTO POSITION AND SECURELY CLAMP.
6. NOTE ENSURE ORIENTATION IS NEW TOE TO EXISTING WEB AS PER DRAWING.
7. TACK WELD NEW CHANNELS 20mm LONG AT EACH END BOTH SIDES AND EVERY 200mm APPROX.
8. REMOVE CLAMPS AND FINISH WELD AS SHOWN.
9. NOTE FINISHED WELD MUST NOT BE PAINTED.
10. VISUALLY INSPECT WELDS AND RECORD RESULTS.
11. ANY DEFECTS WILL BE GROUND OUT AND REWELDED.
12. POLE SUSPENDED BY TRESTLE. BOTTOM OF PFC SECTION NOT TO CONTACT BOTTOM OF FOOTING HOLE. MINIMUM CLEARANCE OF 300MM

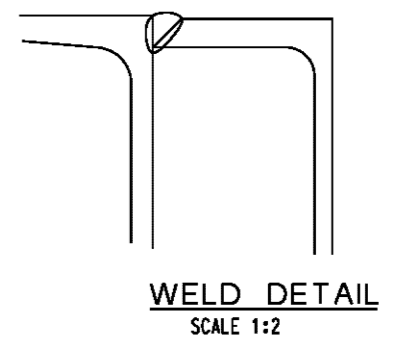
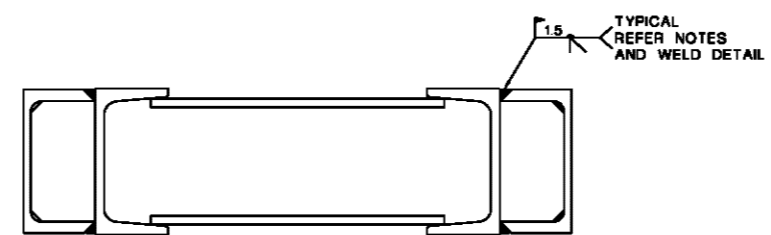
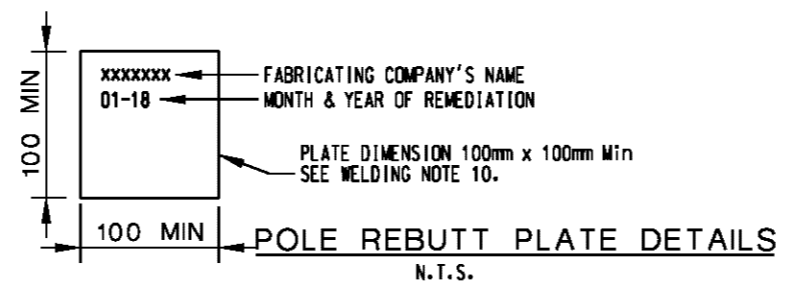
**WELDING**

1. REFER TO PWC WELDING PROCEDURES
2. WELDER TO BE QUALIFIED FOR STRUCTURAL GRADE VERTICAL UP.
3. WELDING AND WELD PROCEDURES TO COMPLY WITH AS 1554.1
4. WELDING TO BE MANAGED UNDER A QUALITY MANAGEMENT SYSTEM.
5. WELDING TO BE CARRIED OUT IN ACCORDANCE WITH A QUALIFIED WELDING PROCEDURE.
6. FABRICATOR SHALL ESTABLISH A WELDING PROCEDURE AND LIST THE APPLICABLE PARAMETERS IN THE WELDING PROCEDURE QUALIFICATION RECORD, WHICH SHALL BE USED AS A RECORD.
7. COMPLETED WELDS SHALL BE VISUALLY EXAMINED AND TESTED BY DYE PENETRANT. FABRICATOR TO PREPARE A TEST PIECE OF SIMILAR CONFIGURATION FOR EXAMINATION BY PWC.
8. WELDING SHALL BE CARRIED OUT UNDER THE SUPERVISION OF A QUALIFIED WELDING SUPERVISOR.
9. UNLESS OTHERWISE NOTED, ALL FILLET WELDS ARE 8mm IN SIZE.
10. WELD A NEW RE-BUTT DATA PLATE TO PROPERTY SIDE PFC. DATA PLATE IS TO BE ENGRAVED WITH RE-BUTT FABRICATING COMPANY'S NAME, MONTH AND YEAR OF REMEDIATION. ENGRAVING SHALL BE LETTERS NO LESS THAN 10mm HIGH AND 0.05mm DEEP.

**CONCRETE**

1. FILL WITH CONCRETE AS PER PWC STANDARD PROCEDURE S01-4-4-01

INSTALLATION SCHEDULE				
EXISTING POLE TYPE	EXISTING TFC	EMBEDMENT DEPTH	MIN. FOOTING DIAM. (mm)	ITEM NUMBER
9A	100x50	2000	770	503999
9B	150x75	2000	770	504000
9C	200x75	2000	770	504001
10.5A	100x50	2100	770	504002
10.5B	150x75	2100	770	504003
10.5C	200x75	2100	770	504004
10.5D	250x90	3450	900	504005
12B	150x75	2300	770	504006
12C	200x75	2300	770	504007
12D	250x90	3450	900	504008
13.5B	150x75	2400	770	504009
13.5C	200x75	2400	770	504010
13.5D	250x90	3450	900	504011



NO	DESCRIPTION	DRN	DATE	CKD	APPD
2	TITLEBLOCK & DRAWING NUMBER FORMATTED	K.T.	JAN'19	C.C.	C.C.
1	WELDING NOTE 10 ADDED	C.C.	OCT 18	I.B.	B.V.
0	ISSUED FOR CONSTRUCTION	C.C.	JUN 18	I.B.	B.C.
AMENDMENTS					



DES	A. WHITEHEAD	POWER STANDARD DRAWING	
DRN	P. EUPENE	POLE REMEDIATION BUTT REPLACEMENT WELDED POLE ASSEMBLY DETAILS	
CKD	I. BASHIR	A3	DRAWING NUMBER S01-02-10-03
APPD	B. VANDERSTELT		
SCALE	AS SHOWN	DRAWING NUMBER S01-02-10-03	
ISSUED	JUN 2018	DRAWING NUMBER S01-02-10-03	
ALL DIM.	IN mm	DRAWING NUMBER S01-02-10-03	
DRAFTING STANDARD TO A.S.1100		CAD PRODUCT - DO NOT AMEND MANUALLY	

