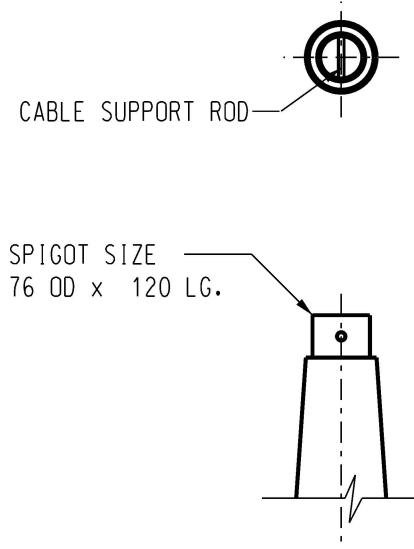
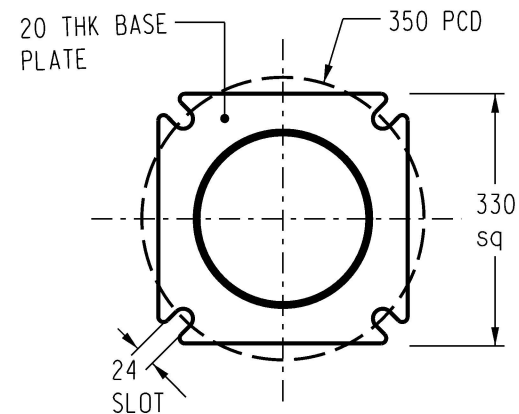


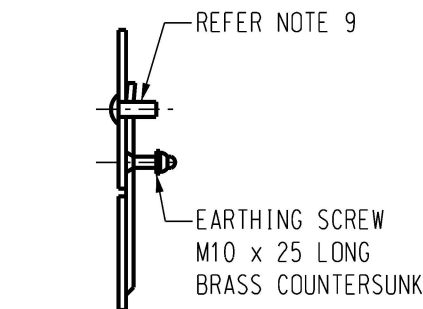
ITEM 1 - 5.5m POST TOP TYPE COLUMN
ITEM NUMBER 8912
 SCALE 1:60



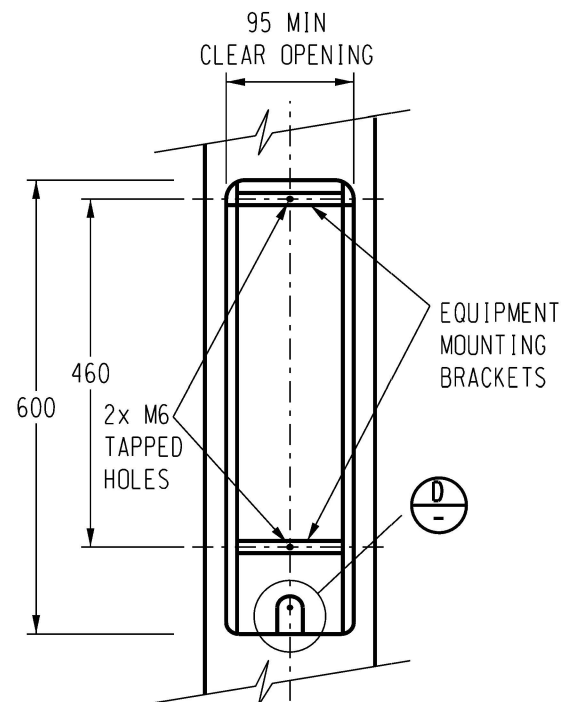
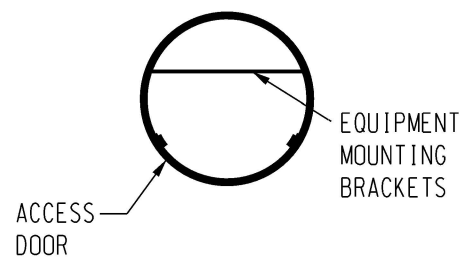
SPIGOT - DETAIL A
 SCALE 1:10



BASE PLATE - DETAIL B
 SCALE 1:15



DETAIL C
 SCALE 1:5




EQUIPMENT ACCESS - DETAIL E
 SCALE 1:10
 (DOOR REMOVED FOR CLARITY)

NOTES :

- ALL WELDING AND WELD PREPARATION SHALL BE IN ACCORDANCE WITH AS1554.
- CIRCUMFERENTIAL WELDS TO BE FILLET. LONGITUDINAL WELDS TO BE SINGLE BUTT TYPE. LONGITUDINAL WELDS TO BE MADE BY CONTINUOUS AUTOMATIC PROCESS AND ARE NOT TO BE DRESSED SMOOTH.
- AFTER FABRICATION ALL COMPONENTS TO BE ACID DE-SCALED AND HOT DIPPED GALVANIZED TO AS4680.
- WIND LOADINGS TO COMPLY WITH THE REQUIREMENTS OF AS1170.2 - SECTION 4
DESIGNS ARE TO BASED ON -
 - MAXIMUM WIND SPEED OF $V_u = 61\text{m/sec}$ DERIVED FROM A DESIGN LIFE OF 25 YEARS.
 - MAXIMUM WIND SPEED OF $V_s = 28\text{m/sec}$ DERIVED FROM A DESIGN LIFE OF 25 YEARS WITH A MAXIMUM DEFLECTION LIMIT OF 5% OF NOMINAL LENGTH.
 - REGION 'C' AND TERRAIN CATEGORY '2'
- COLUMNS ARE TO CONFORM TO THE REQUIREMENTS OF AS4100 AND AS1798.
- COLUMNS ARE TO HAVE CONTINUOUS TAPER OVER THEIR ENTIRE LENGTH AND A STEEL THICKNESS OF NOT LESS THAN 3mm.
- TWO PIECE COLUMNS MUST BE ASSEMBLED PRIOR TO DELIVERY.
- ACCESS DOORS ARE NOT INTERCHANGEABLE. ENSURE THAT INDIVIDUAL COLUMNS AND DOORS ARE SUITABLY MATCHED AND MARKED.
- EQUIPMENT ACCESS DOOR TO BE PROVIDED (DETAIL C) HAVING 'TAMPER PROOF' LOCKING DEVICE. DOOR ACCESS SCREW TO BE M10 STAINLESS STEEL I.S.O. METRIC BUTTON HEAD SOCKET TYPE.
- ALL POLE MANUFACTURERS SHALL COMPLY WITH ISO 3834.
- ROUND OR OCTAGONAL POLE SHAPES ACCEPTABLE.

14	NOTES 2 & 4 AMENDED. NOTE 11 ADDED. SPIGOT AND BASE PLATE SLOT SIZES AMENDED.	P.BH.	MAR'23	B.C.	B.V.
13	AMENDED NOTES 3 & 4	P.BH.	JAN'23	B.C.	B.V.
12	TITLEBLOCK & DRAWING NUMBER FORMATTED	K.T.	FEB'19	C.C.	C.C.
11	GALVANIZING STANDARD UPDATED TO AS4680 NOTE 10 ADDED	A.T.	JAN'13	B.C.	B.C.
10	REDRAWN ON CAD	A.D.	05/98	R.I.	F.R.
9	DOOR WIDTH OPENING INCREASED	gmck	7/93	N.S.	B.T.K
NO	DESCRIPTION	DRN	DATE	CKD	APPD
AMENDMENTS					

PowerWater
 NORTHERN TERRITORY

DES	-	POWER STANDARD DRAWING			
DRN	A.DAVIS	COLUMN TAPERED STEEL 5.5 METRE POST TOP TYPE			
CKD	R.INNES				
APPD	F.ROBSON				
SCALE	AS SHOWN				
ISSUED	MAY'98	A3	DRAWING NUMBER	S03-01-01-08	
ALL DIM. IN mm					
DRAFTING STANDARD TO A.S.1100		CAD PRODUCT - DO NOT AMEND MANUALLY			AMDT