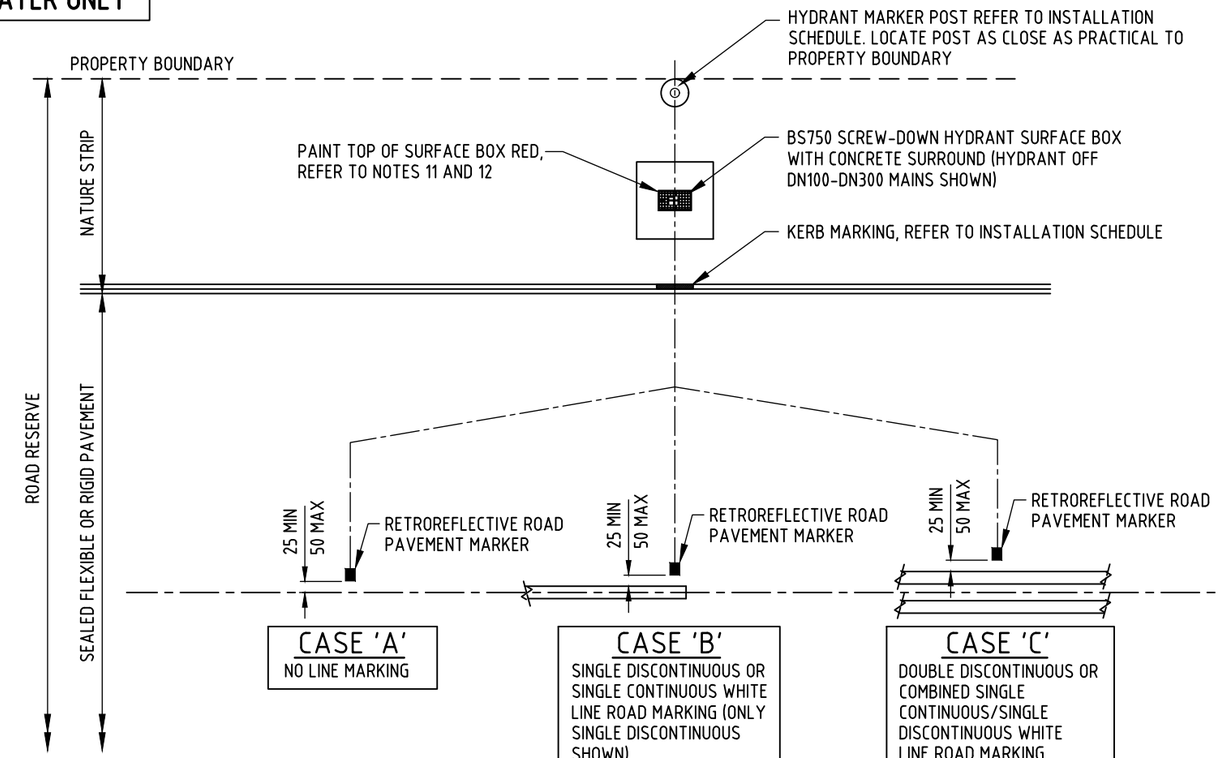
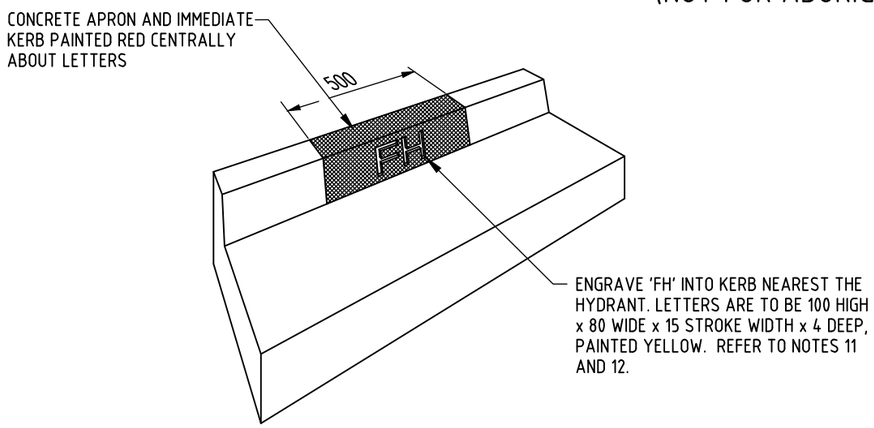
FOR POTABLE WATER ONLY



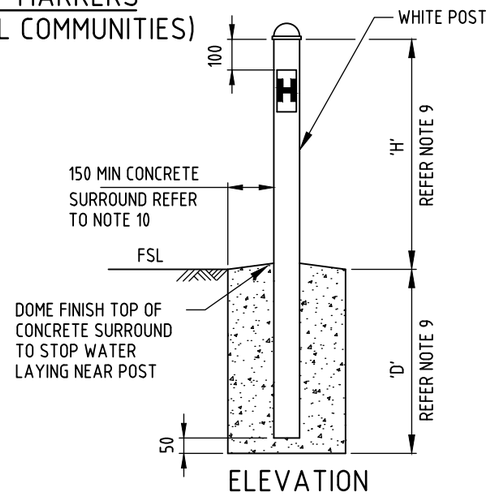
PLAN

PLACEMENT OF MARKERS
(NOT FOR ABORIGINAL COMMUNITIES)



PERSPECTIVE

KERB MARKING
(FOR ALL LOCATIONS)



ELEVATION

MARKER POST INSTALLATION
(NOT FOR ABORIGINAL COMMUNITIES)

INSTALLATION SCHEDULE

IDENTIFICATION REQUIREMENTS	METHOD 1 MARKER POST	METHOD 2 KERB ENGRAVING	METHOD 3 RETROREFLECTIVE ROAD MARKER
RESIDENTIAL	USE 2 METHODS WHERE POSSIBLE. ONLY USE METHOD 1 WHERE EITHER METHOD 2 OR 3 CANNOT BE USED.		
INDUSTRICAL/COMMERCIAL	INSTALL EACH OF METHODS 1, 2 AND 3 WHEREVER POSSIBLE		

NOTES

1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
2. ADHERE RETROREFLECTIVE MARKERS TO:
   - RIGID PAVEMENTS SUCH AS CONCRETE USING APPROVED TWO PART EPOXY MIX,
   - SEALED FLEXIBLE PAVEMENTS SUCH AS ASPHALT OR CHIP SEAL USING APPROVED HEAT BONDED BITUMINOUS PAD.

   AS A GUIDE USE:
   - ONE BITUMINOUS PAD ON ASPHALT;
   - TWO BITUMINOUS PADS ON CHIP SEALED PAVEMENTS WITH 7-10mm AGGREGATE; AND
   - THREE BITUMINOUS PADS ON CHIP SEALED PAVEMENTS WITH 14-20mm AGGREGATE.

   INSTALL RETROREFLECTIVE MARKERS IN ACCORDANCE WITH THE MANUFACTURER'S WRITTEN INSTRUCTIONS. REMOVE LOOSE MATERIAL FROM ROAD SURFACE USING A WIRE BRUSH PRIOR TO APPLICATION OF ADHERANT. HEAT BITUMINOUS ADHESIVE PADS UNTIL THEY COMMENCE TO BUBBLE BEFORE SECURING RETROREFLECTIVE MARKER.
3. FOR MULTIPLE TRAFFIC LANES LOCATE THE RETROREFLECTIVE ROAD PAVEMENT MARKER ADJACENT TO WHITE LINE MARKINGS NEAREST THE HYDRANT.
4. ALIGN RETROREFLECTIVE FACES OF ROAD PAVEMENT MARKER WITH THE DIRECTION OF TRAFFIC FLOW.
5. WHERE APPROVED, A RETROREFLECTIVE ADHESIVE LABEL ON A METAL PLATE FIXED TO A BUILDING OR PERMANENT SURFACE MAY BE USED AS AN ALTERNATIVE TO THE MARKER POST IN AN INDUSTRIAL OR COMMERCIAL AREA.
6. ONLY A MARKER POST IS REQUIRED FOR IDENTIFICATION WHERE THERE IS NO SEALED FLEXIBLE OR RIGID ROAD PAVEMENT AND NO KERB.
7. FOR HYDRANTS LOCATED IN THE TURN-AROUND AREA OF A CUL-DE-SAC, LOCATE THE RETROREFLECTIVE MARKER AT THE CENTRE OF THE TURN-AROUND, WITH THE ARROW ON THE MARKER POINTING TO THE HYDRANT.
8. FACE THE MARKER POST LABEL TOWARDS THE HYDRANT.
9. ADOPT MARKER POST HEIGHT ABOVE SURFACE LEVEL ('H') AND DEPTH BELOW SURFACE LEVEL ('D') AS SHOWN BELOW UNLESS OTHERWISE SPECIFIED OR DIRECTED:

	'H'	'D'
FREQUENT PEDESTRIAN TRAFFIC OR WELL MAINTAINED VERGE	500	300
ANY AREA WITH POORLY MAINTAINED VERGE POST LIKELY TO BE OBSCURED BY OVERGROWN GRASS	1200	600

10. CONCRETE FOR THRUST AND ANCHOR BLOCKS & GENERAL CONCRETING SHALL BE CLASS N25 IN ACCORDANCE WITH AS.1379 AND AS.3600.
11. CURE CAST IN-SITU CONCRETE KERB FOR AT LEAST 28 DAYS BEFORE APPLYING PAINT.
12. APPLY AT LEAST THREE COATS OF PAINT IN ACCORDANCE WITH THE MANUFACTURER'S WRITTEN INSTRUCTIONS. DO NOT PAINT THE SURFACE BOX CONCRETE SURROUND WHERE INTEGRAL WITH A CONCRETE FOOTPATH.
13. USE ONLY THOSE MANUFACTURERS' PRODUCTS SHOWN APPROVED IN THE WATER AND SEWAGE INFRASTRUCTURE PRODUCTS MANUAL.

NO	DESCRIPTION	DRN	DATE	CKD	APPD
6	KERB MARKING LOCATION AMENDED.	J.W.	JAN'24	J.C.	D.C.
5	GENERAL AMENDMENTS 2021.	P.W.	JUNE'21	J.R.	D.C.
4	REDRAWN IN AUTOCAD.	A.W.	OCT'18	J.R.	D.C.
3	NOTE 10 AMENDED.	RGI	MAY'03	M.C.H.	N.W.M.
2	NOTES AMENDED. DRAWING W1-2-03G INCORPORATED.	R.G.I.	MAR'01	N.W.M.	N.W.M.
1	INSTALLATION SCHEDULE AMENDED.	R.G.I.	JAN'99	N.W.M.	N.W.M.

AMENDMENTS

PowerWater
NORTHERN TERRITORY

DES	C.S.P./N.W.M
DRN	R.G.I.
CHK	D.R.
APPD	N.W.M.
SCALE	N.T.S.
ISSUED	MAR'67
ALL DIM. IN mm	
DRAFTING STANDARD TO A.S.1100	

WATER STANDARD DRAWING
MAINLAYING
BS750 SCREW-DOWN HYDRANT
LOCATION MARKING

A3 | DRAWING NUMBER W1-2-03F | 6 AMDT

CAD PRODUCT - DO NOT AMEND MANUALLY