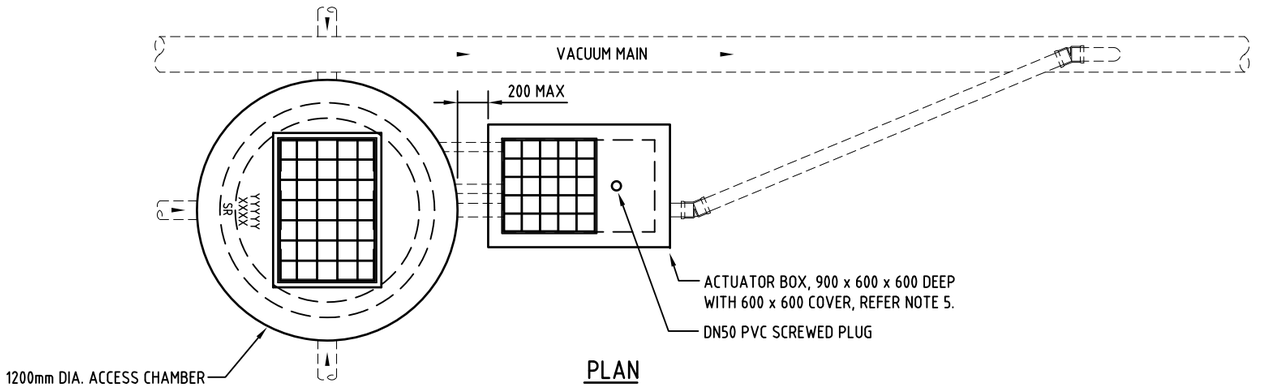
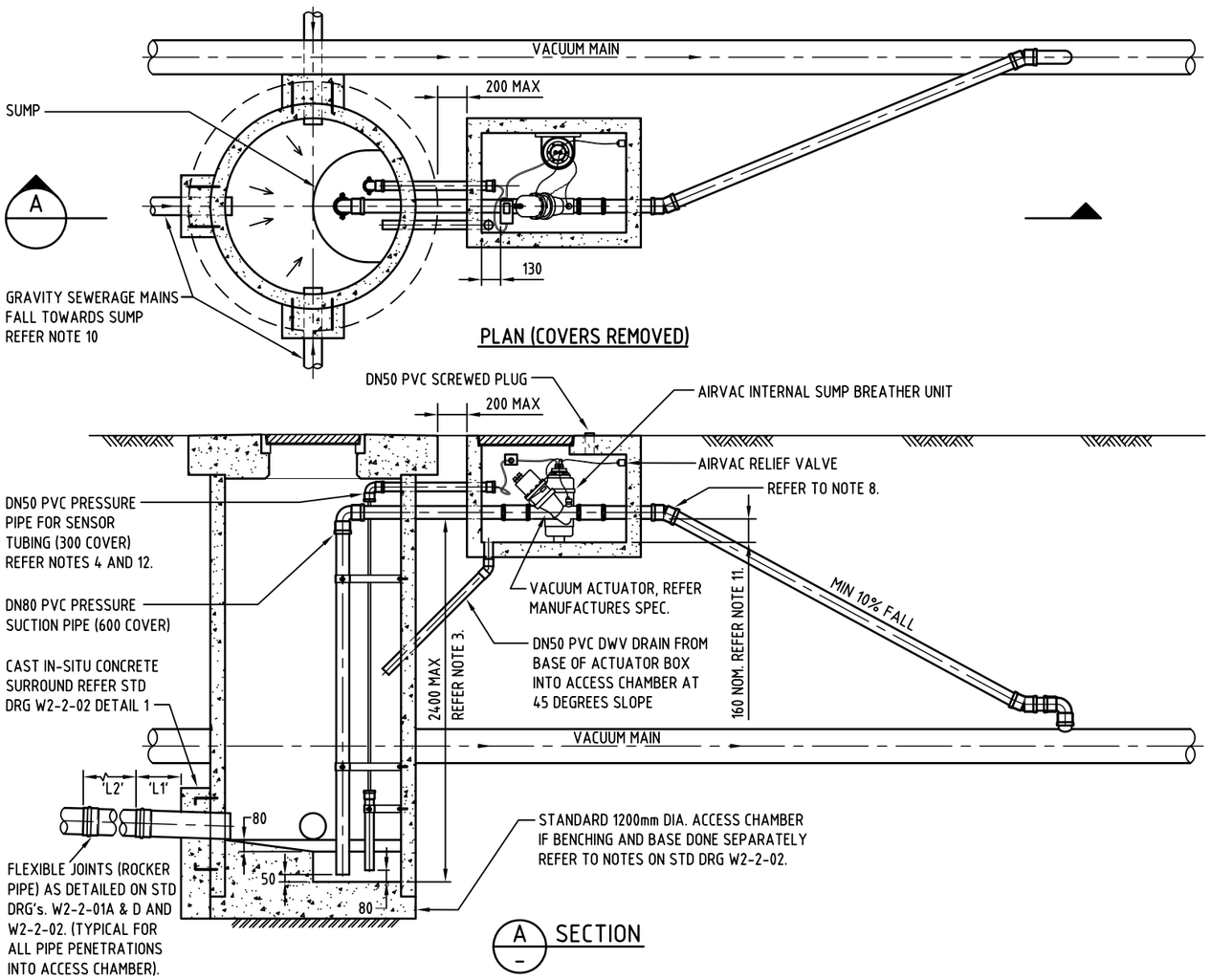


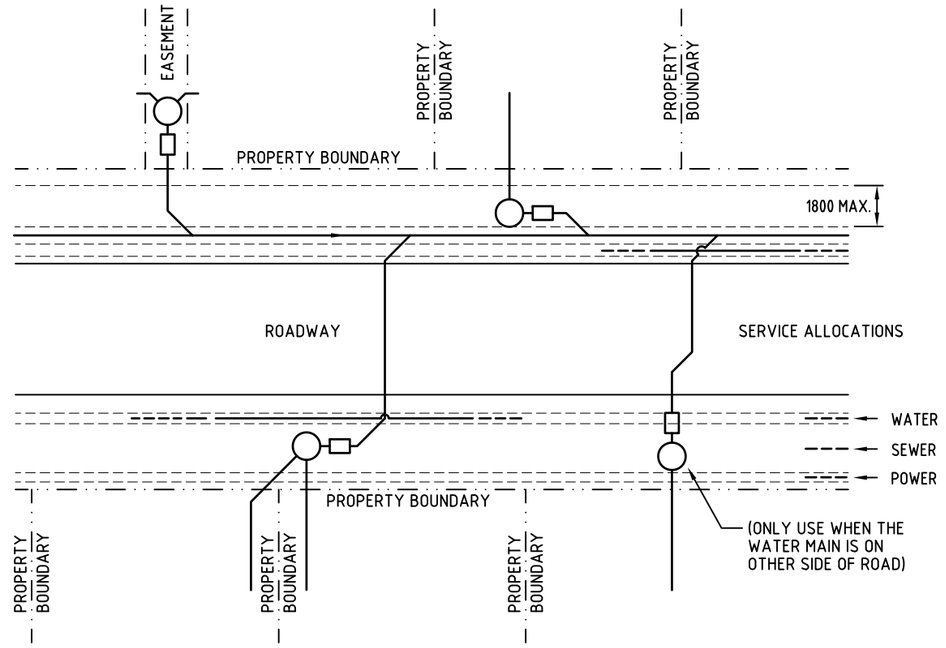
PLAN



A SECTION

NOTES:

1. ALL DIMENSIONS IN MILLIMETRES UNLESS NOTED OTHERWISE.
2. BENCHING TO HAVE 80mm FALL TO SUMP.
3. NORMAL OPERATING DEPTH OF SUCTION PIPE IS 1.8m TO 2.4m, GREATER DEPTHS REQUIRE APPROVAL FROM POWER AND WATER.
4. SENSING LINE LENGTH IS NOT TO EXCEED 4 METRES.
5. ACTUATOR BOX IS SINGLE PIECE, 'DARWIN PRECAST PRODUCT' OR SIMILAR,WITH 600 x 600 COVER TO MATCH THE COVER CLASS OF THE VACUUM PIT. ACTUATOR TO BE CENTRALLY LOCATED BELOW LID.
6. ACTUATOR BOX NEED NOT TO BE IN LINE WITH VACUUM MAIN.
7. CONCRETE SLAB TO BE PROVIDED OVER PIPEWORK WITH LESS THAN 600mm COVER.
8. MAXIMUM DEVIATION ANGLE IS 45°.
9. PIPEWORK PENETRATIONS TO THE CHAMBER AND PIT ARE TO BE SEALED WITH EPOXY MORTAR.
10. IF A CHANNEL IS REQUIRED IN THE ACCESS CHAMBER BENCHING, PIPE PENETRATIONS FOR GRAVITY SEWER MAINS INTO ACCESS CHAMBER ARE TO BE OFFSET IN ACCORDANCE WITH STD. DWG. W2-2-01A.
11. MOUNT SUCTION PIPE TO MAINTAIN MIN. 50mm CLEARANCE BETWEEN TOP OF VACUUM ACTUATOR VALVE AND UNDERSIDE OF ACCESS COVER, 5\8" BREATHER HOSE IS TO SLOPE DOWNWARDS FROM VACUUM VALVE TO THE BREATHER UNIT.
12. OPTIONAL ARRANGEMENT FOR SENSING TUBE : DN50 (SCJ) PVC PRESSURE PIPE FOR FULL DISTANCE TO ACTUATOR BOX AND COMMENCE SENSOR TUBING IN ACTUATOR BOX (PAY ATTENTION TO ENSURE THAT THE JOINTS ARE AIR-TIGHT).



VARIATIONS IN CONFIGURATION

NO	DESCRIPTION	DRN	DATE	CKD	APPD
1	GENERAL AMENDMENTS 2018.	P.W.	SEPT' 18	I.L.	D.C.

AMENDMENTS

PowerWater
NORTHERN TERRITORY

DES	E.PATTERSON
DRN	R.INNES
CHK	R.JENNINGS
APPD	J.PUDNEY
SCALE	N.T.S.
ISSUED	03/08/06
ALL DIM. IN mm	
DRAFTING STANDARD TO A.S.1100	

SEWERAGE STANDARD DRAWING
MAINLAYING
VACUUM SEWERAGE SYSTEM
VACUUM PIT AND ACTUATOR BOX

A3 | DRAWING NUMBER W2-2-10A | 1 AMDT

CAD PRODUCT - DO NOT AMEND MANUALLY