No.	REVISION	BY	DATE	AUTH
0	ISSUED	CL	01/2016	

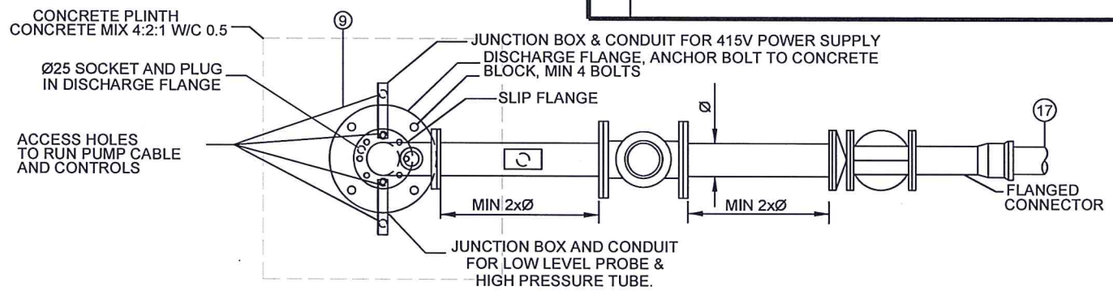
PIPE SIZE.	DIMENSIONS (mm)							CONCRETE PLINTH
	A.	B.	C.	D.	E.	F.	G.	
Ø50	300	150	500	150	1305	Ø25	50	Ø650 x 450
Ø80	600	200	800	200	1430	Ø25	80	Ø650 x 600
Ø100	600	200	1000	250	1430	Ø50	100	Ø750 x 600

ITEM DESCRIPTION

1. DISCHARGE FLANGE ASSEMBLY.
2. TE SLIP FLANGE
3. 90° LONG RADIUS FLANGED ELBOW.
4. 90° LONG RADIUS BUTTWELD ELBOW.
5. AUTOMATIC AIR/VACUUM RELEASE VALVE - METAL CONSTRUCTION.
6. STANDARD WT. BUTWELD TE FLANGED TEE.
7. TE BLANK FLANGE.
8. ARAD OCTAVE FLOW METER SIZED TO DISCHARGE Ø.
9. HEAVY DUTY ELECTRICAL CONDUIT.
10. CONCRETE PLINTH.
11. PRESSURE TUBE.
12. STEEL JUNCTION BOXES.
13. BORE CASING.
14. LOCKABLE COMMERCIAL VALVE BOX TO HOLD ARAD OCTAVE METER.
15. CONCRETE THRUST BLOCK.
16. C.I. FLANGE TO SOCKET CONNECTOR.
17. P.V.C. MAINLINE.
18. BSP SOCKET AND NIPPLE.
19. MILNES GUNMETAL TAPPING BAND. INSTALL HUNTER FLOW CLICK WHERE SPECIFIED. PLUG IF SOCKET NOT USED.
20. BUTTERFLY VALVE WITH NOTCH PLATE AND HANDLE. REMOVE HANDLE AND STORE IN PUMP CUBICLE.
21. TABLE "E" FLANGE SET.
22. GALVANISED STEEL DISCHARGE PIPE.
23. MILNES GUNMETAL TAPPING BAND. INSTALL FLOW SWITCH WHERE SPECIFIED. PLUG IF SOCKET NOT USED.
24. RAINBIRD MAXI JUMBO RECTANGULAR VALVE BOX (VB-MAX 102.4X68.8X45.7 CM)
25. DRILL & TAP FOR PRESSURE TAKE OFF TUBE. RUN TUBE BACK TO PRESSURE GAUGE IN CONTROL CABINET.
26. DUAL FLAP CHECK VALVE.
27. LOCKABLE GALVANISED METER ENCLOSURE.
28. PUMP COLUMN.
29. 200NB GALVANISED STEEL FABRICATED DOSING TEE WITH 80NB INLET.
30. STUD BOLTS TO SUIT TABLE "D" FLANGE.
31. NOT ALLOCATED.
32. NOT ALLOCATED.

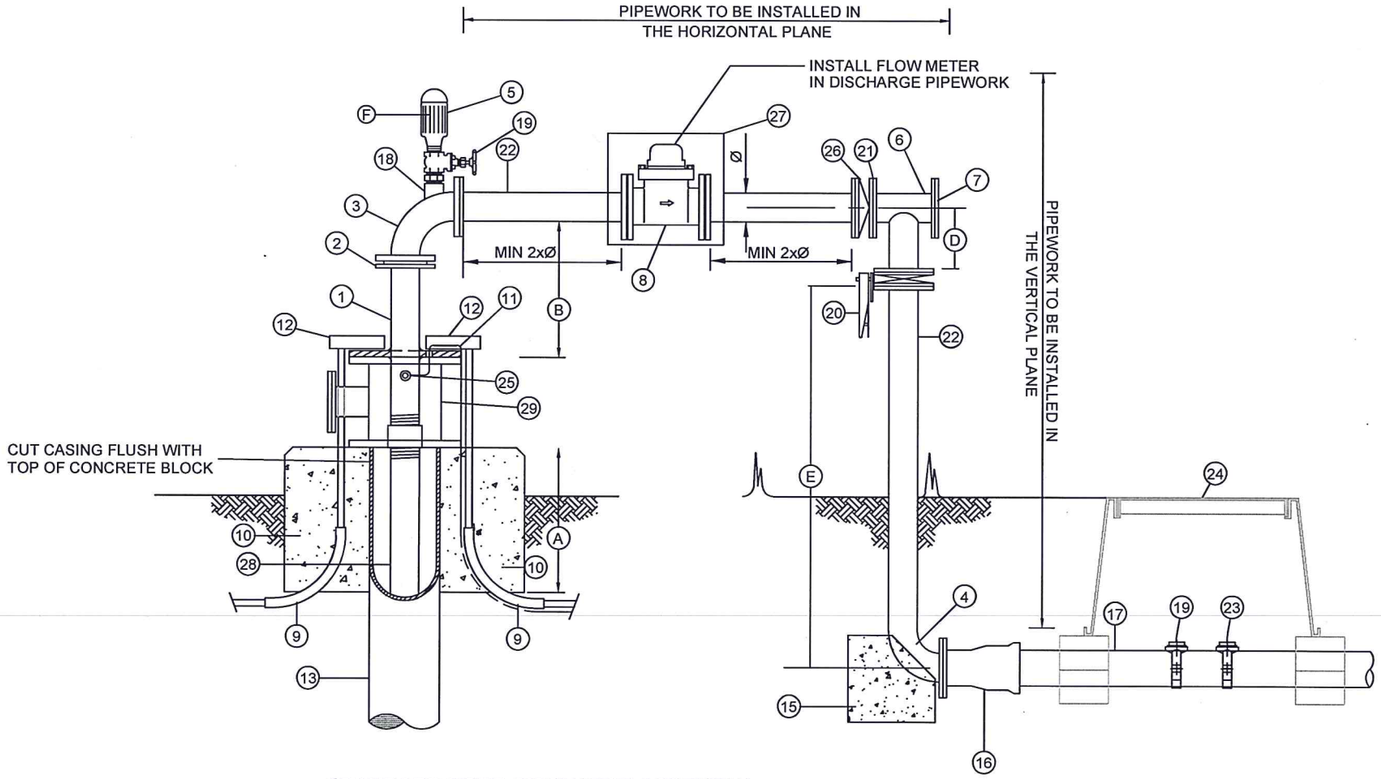
NOTES:

1. DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED.
2. ALL STEEL PIPEWORK TO BE SCHEDULE 40.
3. ALL FLANGES TO BE TABLE "E".
4. ALL STEEL PIPEWORK AND FITTINGS TO BE HOT DIPPED GALVANISED AFTER FABRICATION.
5. ALL BOLTS STUDS AND NUTS TO BE GALVANISED, ALL BOLT TREADS TO PROTRUDE PAST NUT AFTER INSTALLATION.
6. ALL BOLTS USED IN CONCRETE TO BE "RAMSET CHEMSET" MASONRY ANCHORS UNLESS OTHERWISE STATED.
7. ALL BURIED STEEL PIPE TO BE "DENSO" WRAPPED AS PER MANUFACTURERS SPECIFICATIONS.
8. BUTTERFLY VALVES TO BE FITTED WITH STAINLESS STEEL DISC AND PADLOCK TAB.
9. ALL UNUSED SOCKETS TO BE FITTED WITH STEEL PLUG.
10. FLOW METER AND BUTTERFLY VALVE TO BE SAME SIZE AS PIPEWORK.
11. HIGH, LOW PRESSURE AND NO FLOW FITTINGS NOT SHOWN.



STANDARD BORE DISCHARGE ASSEMBLY

PLAN VIEW (JUNCTION BOXES ROTATED FOR CLARITY)



STANDARD BORE DISCHARGE ASSEMBLY

SECTIONAL VIEW

SCALE: NOT TO SCALE (SCALE IN MILLIMETRES)	DATUM: N/A	GRID: N/A	IRRIGATION BORE DISCHARGE HEADWORKS INSTALLATION
SURVEYED: N/A SURVEYOR / /2016	CHECKED: TECHNICAL OFFICER – IRRIGATION 08/02/2016		
DESIGNED: X.XXXX CIVIL PROJECTS DESIGNER / /2016	AUTHORISED: MANAGER PARKS AND RESERVES MAINTENANCE 08/02/2016		
DRAWN: X.XXXX CIVIL PROJECTS DESIGNER / /2016	APPROVED: DIRECTOR ASSET MANAGEMENT 9/2/2016		STANDARD SHEET 1 OF 2

CITY OF WANNEROO
INFRASTRUCTURE

FILE No.	DRAWING No.	SHEET	REVISION	ORIGINAL DRG. SIZE
N/A	TS 40-20-0			A3

PROJECT No. N/A