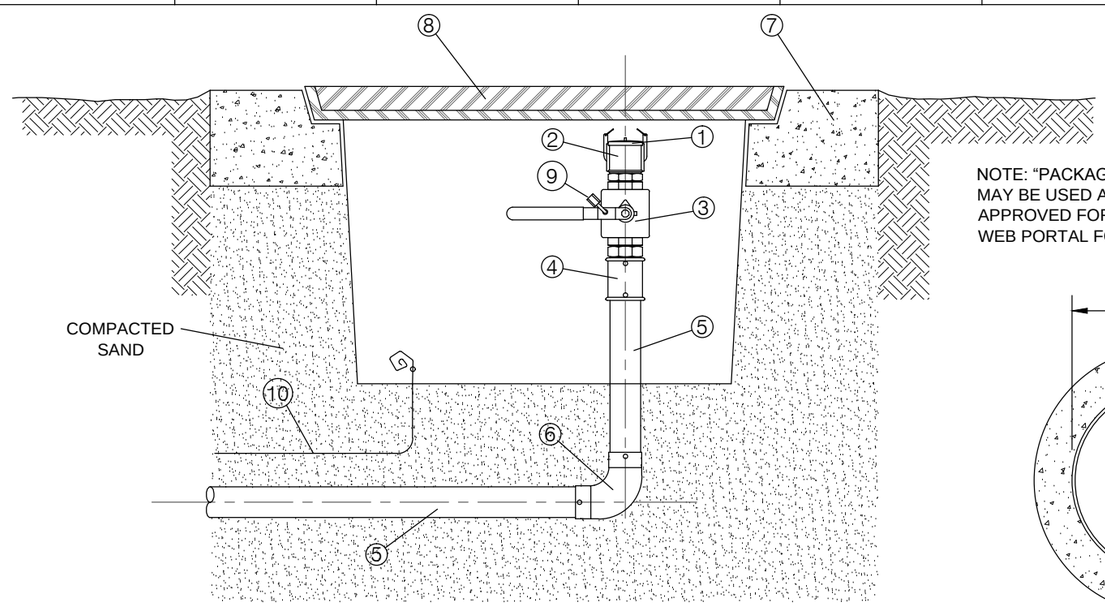
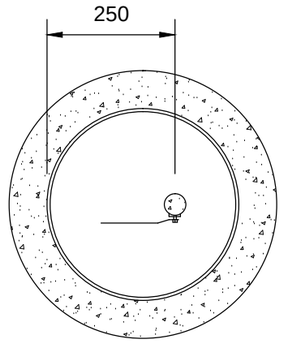
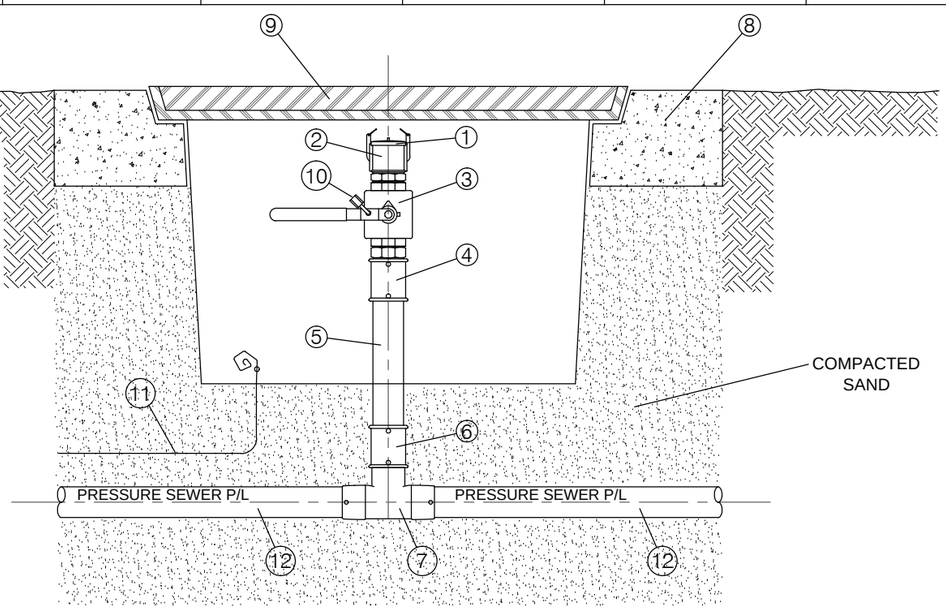


DN 50 PE END OF LINE FLUSHING POINT

NOTE: "PACKAGE" TYPE FLUSHING POINTS MAY BE USED AS AN ALTERNATIVE WHERE APPROVED FOR USE. REFER TO MRWA WEB PORTAL FOR APPROVED PRODUCTS.



PLAN
(COVER REMOVED)

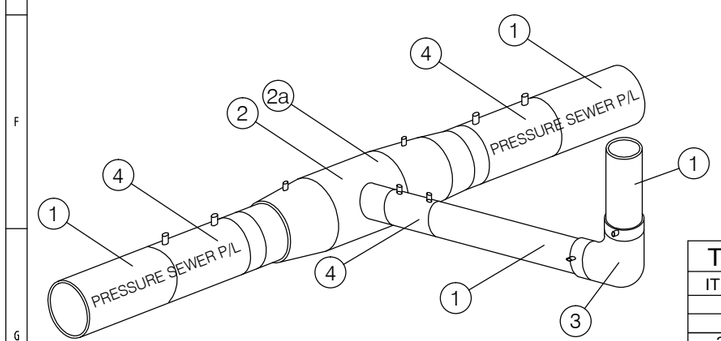


DN 90 PE INTERMEDIATE FLUSHING POINT
(AT LOCAL HIGH POINT)

TYPICAL FITTING SCHEDULE	
ITEM	DESCRIPTION
1	DN 50 POLYPROPYLENE CAMLOCK DUST CAP
2	DN 50 316 STAINLESS STEEL FEMALE CAMLOCK TO MALE BSP THREAD
3	2" 316 STAINLESS STEEL "FULL BORE" BALL VALVE (LOCKABLE)
4	TRANSITION COUPLER PE SS 316 DN 50 TO 2 " (MALE BSP THREAD)
5	50 OD PE PN 16 / SDR11 PE 100 POLYETHYLENE PIPE
6	90° ELBOW (PE 100 SDR 11/PN16)
7	LINPAC COLLARED HYDRANT PIT OR APPROVED EQUIVALENT
8	LINPAC "SEWER" LID (YELLOW) OR APPROVED EQUIVALENT
9	WATER AGENCY STANDARD PADLOCK
10	1.6 DIA 316 STAINLESS STEEL TRACER WIRE OR MARKER TAPE WITH 316 STAINLESS STEEL TRACER WIRE

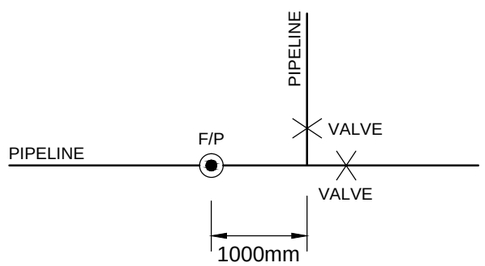
COVER

TYPICAL FITTING SCHEDULE	
ITEM	DESCRIPTION
1	DN 50 POLYPROPYLENE CAMLOCK DUST CAP
2	DN 50 316 STAINLESS STEEL FEMALE CAMLOCK TO MALE BSP THREAD
3	2" 316 STAINLESS STEEL "FULL BORE" BALL VALVE (LOCKABLE)
4	TRANSITION COUPLER PE SS316 DN 63 TO 2" (MALE BSP THREAD)
5	63 OD PE PN 16 / SDR11 PE 100 POLYETHYLENE PIPE
6	63 EFCOUPLER
7	EF REDUCING TEE
8	LINPAC COLLARED HYDRANT PIT OR APPROVED EQUIVALENT
9	LINPAC "SEWER" LID OR APPROVED EQUIVALENT
10	WATER AGENCY STANDARD PADLOCK
11	1.6 DIA 316 STAINLESS STEEL TRACER WIRE OR MARKER TAPE WITH 316 STAINLESS STEEL TRACER WIRE
12	PE PN 16 / SDR11 PE 100 POLYETHYLENE PIPE



DN 63 & DN 90 OFFSET ARRANGEMENT

TYPICAL FITTING SCHEDULE	
ITEM	DESCRIPTION
1	POLYETHYLENE PIPE
2	EF TEE
2a	EF REDUCING TEE
3	ELBOW 90°
4	EF COUPLER



INTERMEDIATE FLUSHING POINT ARRANGEMENT
(AT INTERSECTION)

NOTES:

1. MINIMUM PRESSURE RATING FOR ALL PIPEWORK AND FITTINGS IS TO BE PN16 SDR 11 PE 100 .
2. MINIMUM DISTANCE BETWEEN FLUSHING POINTS AND VALVES IS TO BE 1000 OR 10X DIAMETER (WHICHEVER IS GREATER).
3. WHERE THE PIT MAY BE SUBJECT TO TRAFFIC LOADINGS, THE PIT, COVER AND SURROUND MUST BE TRAFFICABLE.
4. PITS AND COVERS ARE TO BE INSTALLED SO THAT NO LOADING IS TO BE TRANSFERRED ONTO THE VALVES OR PIPES.
5. ELEVATE COVER UP TO 25 ABOVE FINISHED SURFACE LEVEL AND GRADE SOIL AWAY TO PREVENT WATER ENTRY.
6. MALE THREAD ON ALL FITTINGS MUST BE WRAPPED IN PTFE (TEFLON) TAPE.
7. ALL FLUSHING POINTS ARE TO BE LOCATED IN NON-TRAFFICABLE AREAS.
8. OFFSET ARRANGEMENTS FOR FLUSHING POINTS, TO BE UTILISED WHERE PRESSURE SEWER MAINS ARE LOCATED IN TRAFFICABLE AREAS.
9. ALL DIMENSIONS IN MILLIMETERS.
10. REFER TO MRWA WEB PORTAL FOR APPROVED PIPES AND FITTINGS.

REV	DESCRIPTION	DATE	APP.'D
4	PUBLISHED FIRST ISSUE	11/10/12	C. PAXMAN
3	SEW AMENDMENTS	7/08/12	
2	GENERAL AMENDMENTS	10/03/11	
1	GENERAL AMENDMENTS	14/04/10	
0	ISSUED AS STANDARD	09/11/09	

DESIGNED:	S. FRENCH		DATE: JAN 2009				
DRAWN:	D.T.		DATE: 09/11/09				
CHECKED:	INITIALS	DATE	APPROVED:	INITIALS	DATE		
☒ CWW	D.M.	22/08/12	☒ CWW	R.J.	22/08/12		
☒ SEW	S.S.	7/08/12	☒ SEW	C.P.	10/08/12		
☒ YVWL	K.D.	9/10/12	☒ YVWL	A.C.	9/10/12		

MELBOURNE RETAIL WATER AGENCIES

City West Water · Yarra Valley Water · South East Water

PRESSURE SEWER SYSTEM TYPICAL APPURTENANCE FLUSHING POINTS FOR PE MAINS < 180 OD

SCALE: N.T.S @A3
SHEET: 1 OF 1
DRAWING No.: PSS-1012-M
REV 4

ADDITIONAL INFORMATION PROVIDED IN SERIES COMMENTARY