

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

PHILMAC ISOLATING BALL VALVE SIZED SAME SIZE AS SOLENOID VALVE.

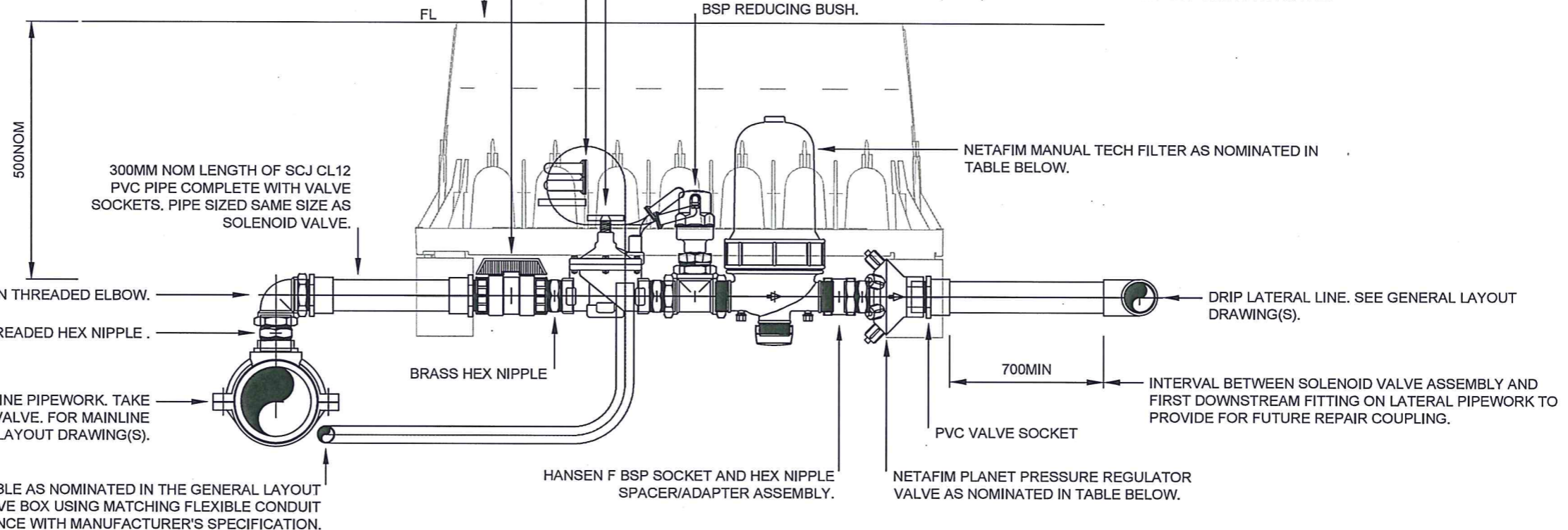
RAIN BIRD MAXI JUMBO RECTANGULAR VB SERIES VALVE BOX (VB-MAX 102.4X68.8X45.7CM) OR SIMILAR APPROVED PRODUCT. SUPPORT VALVE BOX ON MINIMUM OF ONE COURSE OF UNMORTARED BRICKS ON CLEAN COMPACTED BACKFILL. WHERE ADDITIONAL CHAMBER DEPTH IS REQUIRED USE STACKED VALVE BOXES IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATION, UPPERMOST BOX TO BE SUPPORTED ON MINIMUM OF ONE COURSE OF UNMORTARED BRICKS ON CLEAN COMPACTED BACKFILL. BOX TO BE SET TO SUIT FINISHED LEVEL AND GRADE.

SINGLE STATION DECODER WITH SURGE SUPPRESSION AND GROUND WIRE. MAKE CABLE CONNECTIONS USING 3M DIRECT BURY SPLICE KITS DBRY-6. 1M OF SPARE CABLE LOOPED INSIDE VALVE BOX.

BERMAD 200 SERIES GLOBE PATTERN SOLENOID VALVE WITH FLOW STEM. VALVE SIZE AS NOMINATED IN THE GENERAL LAYOUT DRAWING(S).

ARI DN25 AUTOMATIC AIR VALVE (S-050) MOUNTED ON HANSEN F BSP TEE WITH HANSEN BSP REDUCING BUSH.

NETAFIM MANUAL TECH FILTER AS NOMINATED IN TABLE BELOW.



GREY MD PVC CONTROL CONDUIT WITH CABLE AS NOMINATED IN THE GENERAL LAYOUT DRAWINGS. EXTEND CONDUIT INTO VALVE BOX USING MATCHING FLEXIBLE CONDUIT WITH GLUED COUPLINGS IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATION.

TABLE OF NETAFIM FILTERS AND PRESSURE REGULATOR VALVES		
VALVE FLOW (L/SEC)†	FILTER	PRESSURE REGULATOR VALVE
0.3-1.0	25MM SHORT 120 MESH RED MANUAL TECH FILTER	20MM PLANET MXF PRV (30M)
1.0-2.0	25MM SUPER 120 MESH RED MANUAL TECH FILTER	40MM PLANET M PRV (30M)
2.0-3.3	40MM SUPER 120 MESH RED MANUAL TECH FILTER	50MM PLANET F PRV 4 PORT (30M)
3.3-4.5	50MM LEADER 120 MESH RED MANUAL TECH FILTER	50MM PLANET F PRV 4 PORT (30M)
4.5-6.9	50MM LEADER 120 MESH RED MANUAL TECH FILTER	50MM PLANET F PRV 6 PORT (30M)

• FILTER SELECTION ASSUMES MUNICIPAL SUPPLY OR CLEAN IRON FREE BORE WATER. IRRIGATION CONTRACTOR TO CONFIRM THIS CONDITION AND REPORT TO THE SUPERINTENDENT BEFORE ORDERING PRODUCT OR COMMENCING THE WORKS.
† SEE VALVE TABLE IN GENERAL LAYOUT DRAWING(S).

TYPICAL GLOBE PATTERN SOLENOID VALVE SUPPLYING DRIPPERLINES

SCALE: NOT TO SCALE SCALE IN MILLIMETRES	DATUM: N/A	GRID: N/A
SURVEYED: N/A SURVEYOR: / /2016	CHECKED: [Signature] TECHNICAL OFFICER - IRRIGATION: 08/02/2016	
DESIGNED: X.XXXX CIVIL PROJECTS DESIGNER: / /2016	AUTHORISED: [Signature] MANAGER PARKS AND RESERVES MAINTENANCE: 08/02/2016	
DRAWN: X.XXXX CIVIL PROJECTS DESIGNER: / /2016	APPROVED: [Signature] DIRECTOR ASSET MANAGEMENT: 9/2/2016	

IRRIGATION
DRIP DETAIL

STANDARD
SHEET 1 OF 3

CITY OF WANNEROO
INFRASTRUCTURE



FILE No. N/A	DRAWING No. SHEET REVISION	ORIGINAL DRG. SIZE
PROJECT No. N/A	TS 40-11-0	A3