

NOTES:

1. DO NOT SCALE FROM THIS DRAWING.
2. ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE STATED.
3. THIS DRAWING WILL REQUIRE FURTHER DEVELOPMENT BY THE CONTRACTOR.
4. ALL SOCKET AND SPIGOT JOINTS TO BE FITTED WITH ANCHOR GASKETS.
5. AIR VALVE AND ISOLATION VALVE TO BE SIZED BY CONTRACTOR.
6. ACCESS HATCH/COVER TO BE SITUATED TO FACILITATE ACCESS ONTO STEP IRONS.
7. ALL FLANGED PIPEWORK TO INCLUDE THRUST RESTRAINT, TO BE DESIGNED BY THE CONTRACTOR.

Reference drawings:

- A) 32105801-850-07300 - Typical line valve arrangement (incl. 2 air valves)
- B) 32105801-850-07301 - Typical line valve arrangement (no air valves)
- C) 32105801-850-07302 - Typical line valve arrangement featuring 1 air valve upstream of line valve
- D) 32105801-850-07303 - Typical line valve arrangement (incl. 1 air valve downstream)
- E) 32105801-850-07304 - Typical air valve arrangement
- F) 32105801-850-07305 - Typical washout valve arrangement
- G) 32105801-850-07309 - Cathodic protection arrangement

Pipe Fittings			
Item No.	Dia.	Mat.	Description
1	500	DI	DN1600-500 Invert Level Tee
2	500	DI	Dismantling Joint
3	500	DI	Gate Valve
4	500	DI	All Flanged Tee
5	500	DI	Double Flanged Piece
6	500	DI	Double Flanged Piece
7	500	DI	Double Flanged Piece
8	500	DI	90° Flanged Bend
9	500	DI	Blank Flange
10	500	DI	Blank Flange with Bauer Coupling (Female)
11	500	DI	Flange-Socket Piece
12	500	DI	Rocker Pipe

FIG	FINAL FOR PLANNING	IPC	MS	MS	SW	Dec. 2025
001	FINAL FOR PLANNING	IPC	MS	MS	SW	Dec. 2025
Rev	Description	Drawn	Checked	App'd	App'd	Date

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# JACOBS TOBIN

Originated By	Drawn By	Checked By	Approved By
NT	IPC	MS	SW
Date	Date	Date	Date
05.10.20	01.12.2025	01.12.2025	01.12.2025
Scale	DO NOT SCALE		
1:50 @ A1			

Project Title: WATER SUPPLY PROJECT EASTERN AND MIDLANDS REGION

Drawing Title: Figure 4.83 PROPOSED TYPICAL LINE VALVE ARRANGEMENT (NO AIR VALVES)

Drawing Status	Client No.
FINAL FOR PLANNING	32105801
Jacobs Tobin No.	Client No.
32105801	9318

Drawing No. 32105801-850-07301

