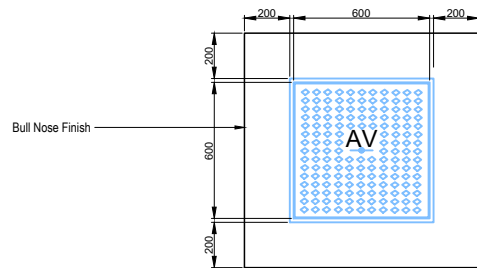
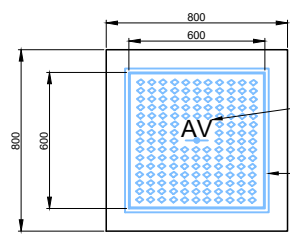
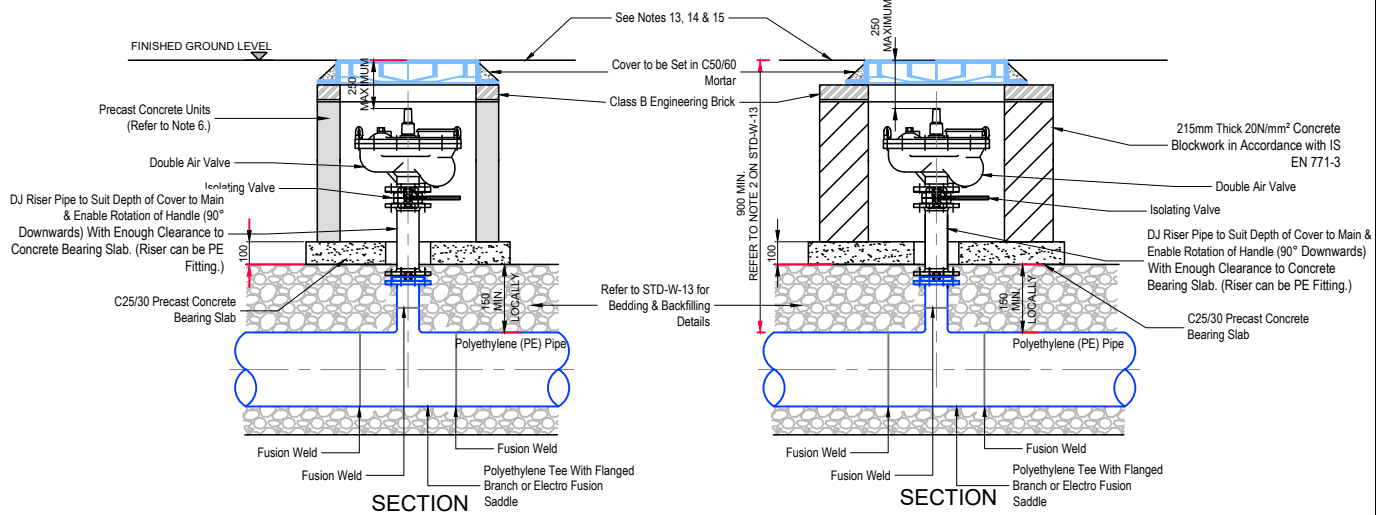


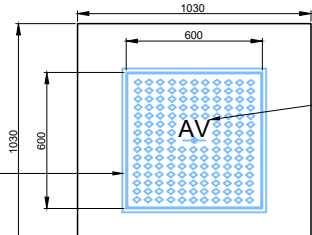
ON-LINE AIR VALVE



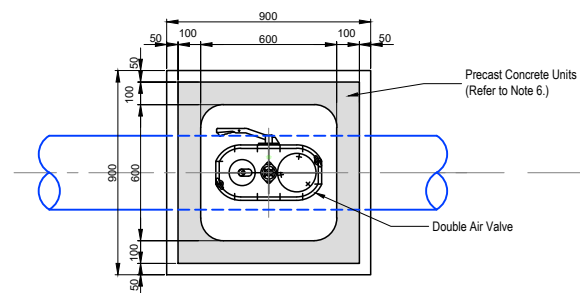
PLINTH DETAIL
IN GRASS AREA



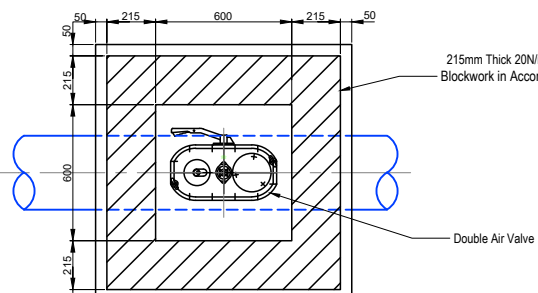
ROOF PLAN



ROOF PLAN



FLOOR PLAN
DOUBLE AIR VALVE
(PRECAST CONCRETE CONSTRUCTION)

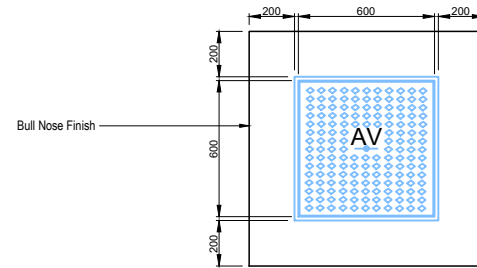


FLOOR PLAN
DOUBLE AIR VALVE
(BLOCKWORK CONSTRUCTION)

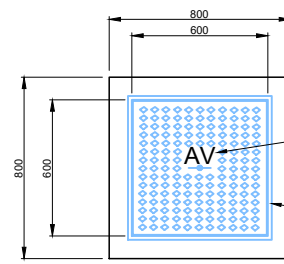
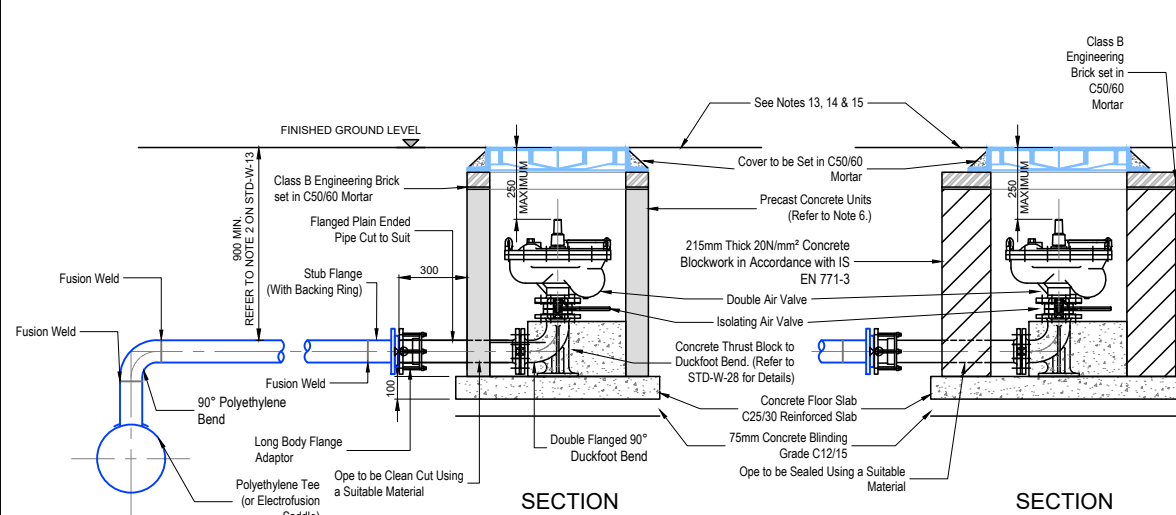
AIR VALVES FOR PE PIPES

OFF-LINE AIR VALVE

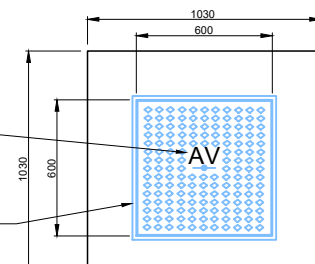
DIAMETER OF MAIN	UP TO 250 (mm)	250 TO 350 (mm)
DIAMETER OF BRANCH	80mm	100mm
BORE OF VALVE INLET	80mm	100mm



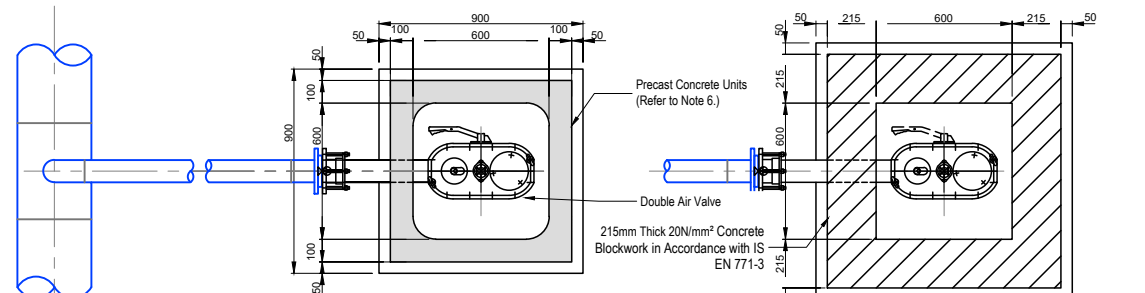
PLINTH DETAIL
IN GRASS AREA



ROOF PLAN



ROOF PLAN



FLOOR PLAN
DOUBLE AIR VALVE
(PRECAST CONCRETE CONSTRUCTION)

FLOOR PLAN
DOUBLE AIR VALVE
(BLOCKWORK CONSTRUCTION)

General Notes:

1. ALL DIMENSIONS ARE IN MILLIMETRES (mm) UNLESS NOTED OTHERWISE.
2. STRUCTURAL DESIGN AND REINFORCEMENT DETAIL TO BE PROVIDED BY THE DEVELOPER AND APPLIED TO IRISH WATER FOR REVIEW. ROOF SLABS SHALL BE DESIGNED TO CARRY ALL LIVE LOADS AND DEAD LOADS, & CONSIST OF A REINFORCED CONCRETE SLAB OF IN-SITU CONCRETE, GRADE C30/37, WITH A MINIMUM THICKNESS OF 225mm. ALTERNATIVELY, PRE-CAST CONCRETE ROADS MAY BE USED, SUBJECT TO IRISH WATER REVIEW, & COMPLIANCE WITH BS51 Part 4.
3. CONCRETE FOR FLOW METER CHAMBER TO BE C30/37.
4. PRECAST UNITS COMPLETED WITH RUBBER SEALING GASKET BETWEEN UNITS, COMPLYING WITH THE REQUIREMENTS OF IS EN 1917 AND BS 5911-PART 3.
5. COMPLETE WITH 150mm CONCRETE SURROUND MAY BE USED AS AN ACCEPTABLE ALTERNATIVE. CONCRETE SURROUND TO BE GRADE C16/20 IN ACCORDANCE WITH IS EN 206.
6. METER CHAMBER SHALL BE COVERED WITH APPROVED HEAVY DUTY METAL. COVERS TO IS EN 124 RATING D400. COVER AND FRAME SHALL BE SUITABLE FOR ROAD AND TRAFFIC CONDITIONS AND IS SUBJECT TO REVIEW BY IRISH WATER.
6. 200mm ALL ROUND, 100mm DEEP CONCRETE PLINTH AROUND COVER IN GRASS AREAS.
7. ANTI CORROSION TAPE TO BE PROVIDED AROUND BURIED FLANGES.
8. DUCTILE IRON PIPES AND FITTINGS TO BE IN ACCORDANCE WITH IS EN S45. PE PIPES AND FITTINGS TO BE IN ACCORDANCE WITH IS EN 12201-2011.
9. ALL CHAMBERS TO BE CHECKED FOR UPLIFT BY THE DEVELOPER BASED ON GROUND CONDITIONS WITHIN THE SITE. SHOULD ANTI FLATATION MEASURES BE REQUIRED THEY SHALL BE SUBJECT TO REVIEW BY IRISH WATER.
10. PIPEWORK TO BE DOWNSIZED TO ACCOMMODATE THE REQUIRED RANGE OF THE FLOW METER. STRAIGHT PIPE LENGTHS UPSTREAM AND DOWNSTREAM OF THE METER TO BE PROVIDED. THE METER SHALL BE CAPABLE OF ACCURATE NIGHT FLOW MEASUREMENTS.
11. ALL CONCRETE TO BE IN ACCORDANCE WITH IS EN 206.
12. ANY SPECIAL ROAD REINSTATEMENT AROUND COVER & FRAME SHALL BE TO IS ROAD AUTHORITIES REQUIREMENTS.
13. NEW ROAD CONSTRUCTION & SURFACE FINISH TO BE TO ROAD AUTHORITY REQUIREMENTS.
14. EXISTING ROAD REINSTATEMENT TO COMPLY WITH CURRENT VERSION OF "GUIDELINES FOR MANAGING OPERATIONS IN PUBLIC ROADS" BY THE DEPT. OF TRANSPORT, TOURISM & SPORT, OR TRANSPORT INFRASTRUCTURE RELIANCE REQUIREMENTS.
15. CHAMBERS SHALL BE COVERED WITH APPROVED HEAVY DUTY METAL. COVERS TO IS EN 124 RATING D400. COVER AND FRAME SHALL BE SUITABLE FOR ROAD AND TRAFFIC CONDITIONS AND IS SUBJECT TO REVIEW BY IRISH WATER.

NOTES ABOVE ARE FOR INFORMATION ONLY. WHERE CONFLICTS WITH UISCE ÉIREANN LATEST 'WATER INFRASTRUCTURE DETAILS - CONNECTION AND DEVELOPER SERVICES,' UISCE ÉIREANN SPECIFICATIONS TAKE PRECEDENT

B02	Tender	LMcG	AA	19/08/2026
B01	Pre-Tender	LMcG	AA	05/02/2026
Rev:	Description:	By:	App:	Date:

Status: **TENDER**



Client: Queen of Angels Primary School

Project: Additional Accommodation
Queen of Angels Primary School
Sandyford, Dublin 16

Drawing: Watermain Details
(Sheet 08)

Scale At A3:	Date:	Job No:	Status Code:
NTS	AUG 2026	D2104	X

Drawing Number:	Revision:
D2104DR0005-08	B02