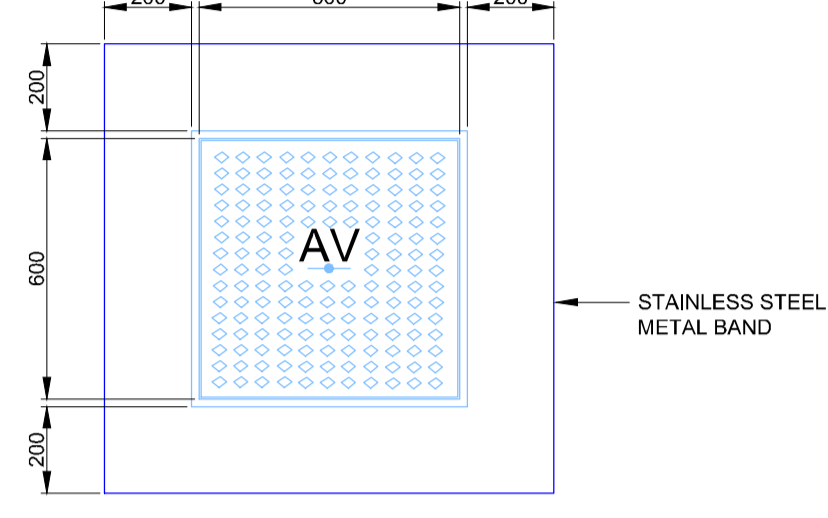
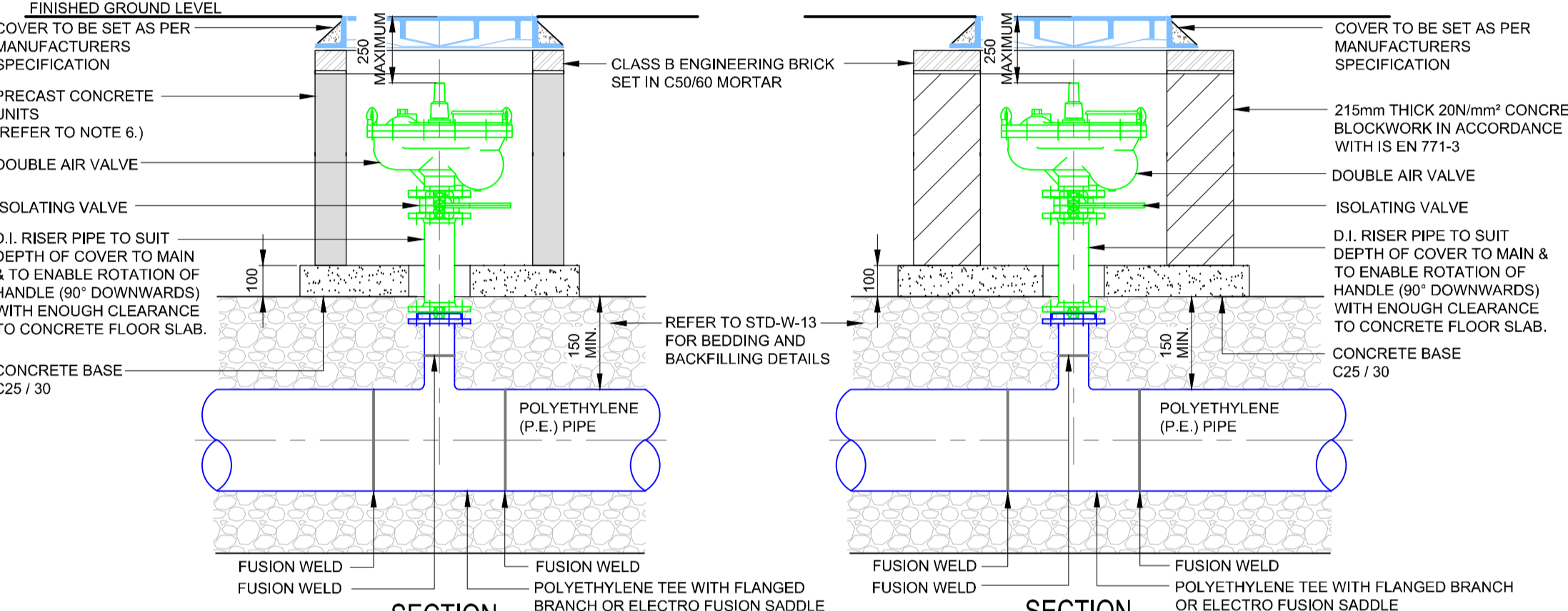


DIAMETER OF MAIN	UP TO 250 (mm)	250 TO 350 (mm)
DIAMETER OF BRANCH	80mm	100mm
BORE OF VALVE INLET	80mm	100mm

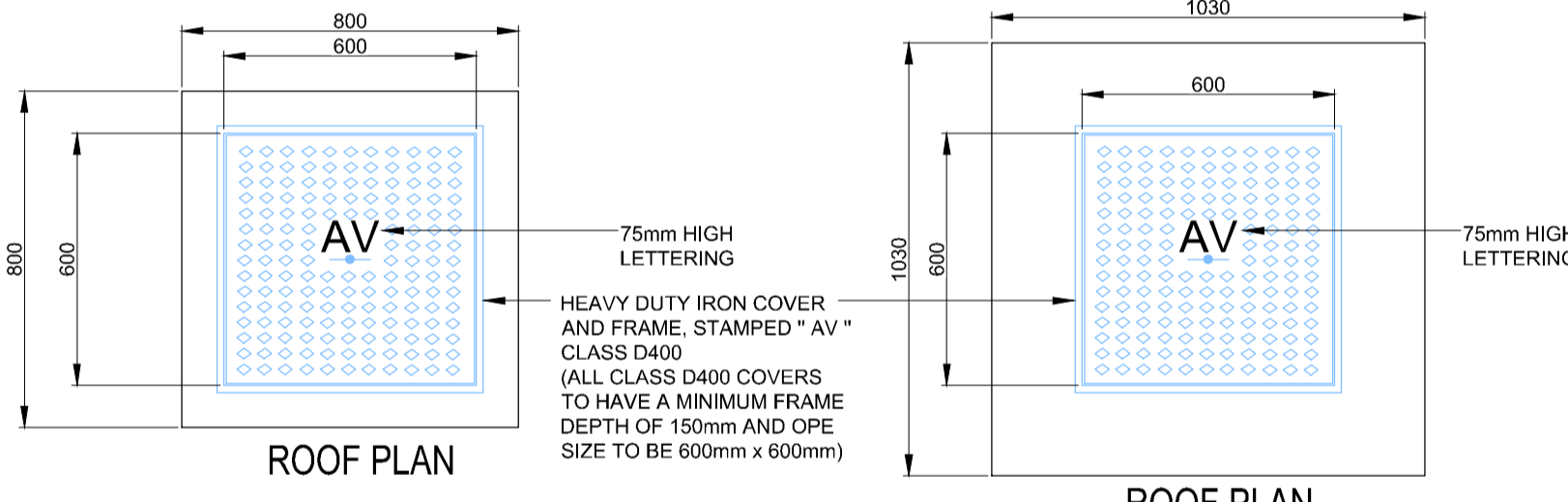
1. ALL DIMENSIONS IN MILLIMETRES (mm) UNLESS NOTED OTHERWISE.
2. AIR VALVE CHAMBERS SHALL BE COVERED WITH APPROVED VENTILATED HEAVY DUTY METAL COVERS TO IS EN 124-1994 RATING D400. COVER AND FRAME SHALL BE SUITABLE FOR ROAD AND TRAFFIC CONDITIONS AND IS SUBJECT TO THE APPROVAL OF IRISH WATER.
3. AIR VALVES SHALL BE DOUBLE AIR VALVE TYPE WITH ISOLATING VALVE IN ACCORDANCE WITH THE REQUIREMENTS OF IS EN 1074. THE ISOLATING VALVE SHALL BE A RESILIENT SEATED GATE VALVE TO IS EN 1074 AND SHALL BE OF A BOLTLESS BONNET DESIGN.
4. THE AIR VALVES SHALL HAVE BODIES AND COVERS OF CAST IRON TO BS 1561 WITH FLANGES DRILLED TO PN 16 IN ACCORDANCE WITH BS EN 1091-1. EACH VALVE SHALL HAVE A LARGE AND A SMALL AIR ESCAPE ORIFICE WITH AN ISOLATING VALVE.
5. SERVICE CONNECTIONS SHALL NOT BE PROVIDED WITHIN 2m OF THE AIR VALVE LOCATION.
6. AIRVALVE CHAMBERS TO BE OF PRECAST CONCRETE UNITS OR HIGH DENSITY BLOCKWORK. ALTERNATIVE PROPRIETARY PREFABRICATED CHAMBER UNITS MAY ALSO BE USED, SUBJECT TO APPROVAL FROM IRISH WATER.
7. PRECAST CONCRETE CHAMBERS SHALL BE SURROUNDED BY A MINIMUM OF 150mm COMPACTED CLASS 804 MATERIAL AS PER STD-W-13.
8. DUCTILE IRON PIPES / FITTINGS AND PE PIPES / FITTINGS TO BE IN ACCORDANCE WITH IS EN 545 AND IS EN 12201:2011.
9. 200mm ALL AROUND, 100mm DEEP CONCRETE PLINTH WITH PROTECTIVE STAINLESS STEEL METAL BAND AROUND COVERS IN GREEN AREAS.
10. THRUST BLOCKS (NOT SHOWN ON DRAWING), TO BE PROVIDED AS PER STANDARD DRAWING STD-W-28 AT ALL TEES, BENDS, TAPERS, DEAD ENDS AND PIPES AT STEEP SLOPES.
11. ANTI CORROSION TAPE TO BE PROVIDED AROUND BURIED FLANGES.
12. THE LOCATION OF THE AIR VALVE SHALL BE THE SUBJECT OF PARTICULAR AGREEMENT WITH IRISH WATER TO ENSURE THAT THE RISK OF CONTAMINATION THROUGH THE VALVE IS ELIMINATED.
13. ALL CONCRETE TO BE IN ACCORDANCE WITH IS EN 206.



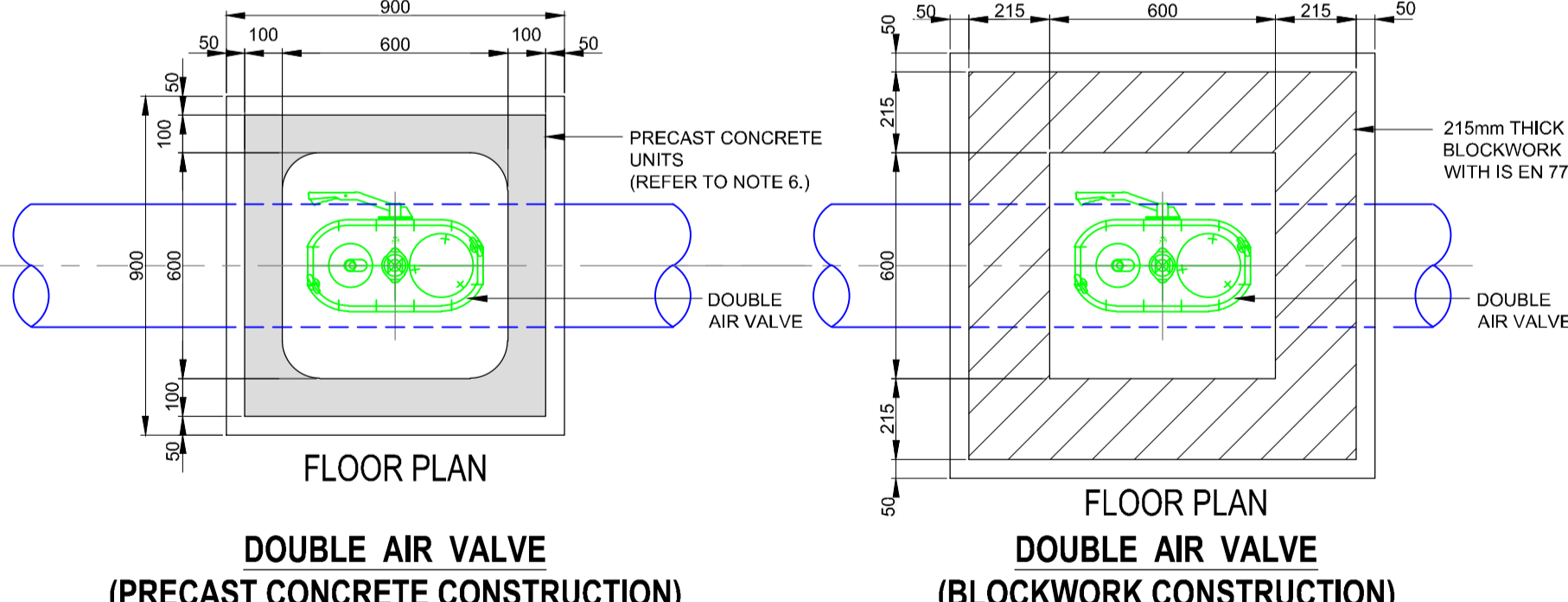
PLINTH DETAIL IN GRASS AREA



SECTION



ROOF PLAN



FLOOR PLAN

DOUBLE AIR VALVE (PRECAST CONCRETE CONSTRUCTION)

DOUBLE AIR VALVE (BLOCKWORK CONSTRUCTION)

Uisce Éireann Irish Water logo

STANDARD DETAILS - WATER SUPPLY

TITLE: ON - LINE AIR VALVE FOR POLYETHYLENE (P.E.) PIPE (SHEET 3 OF 4)

SCALE: NOT TO SCALE

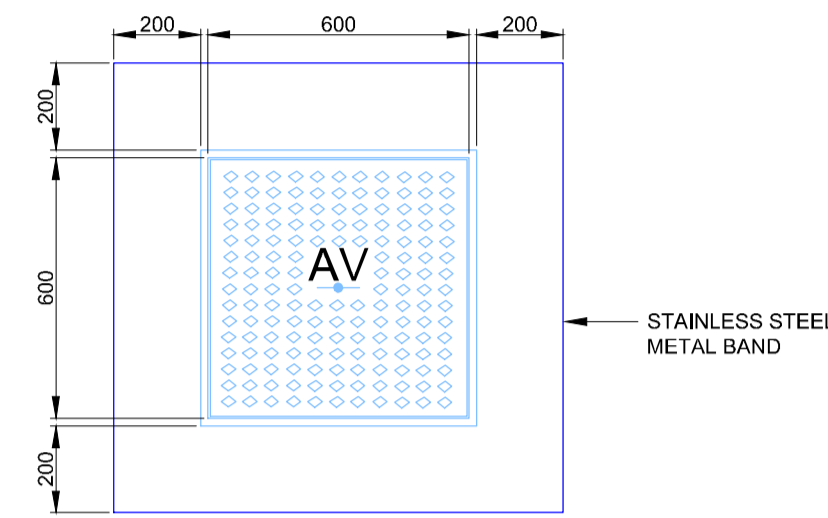
DATE: MAY 2015

DRAWING No. STD-W-22

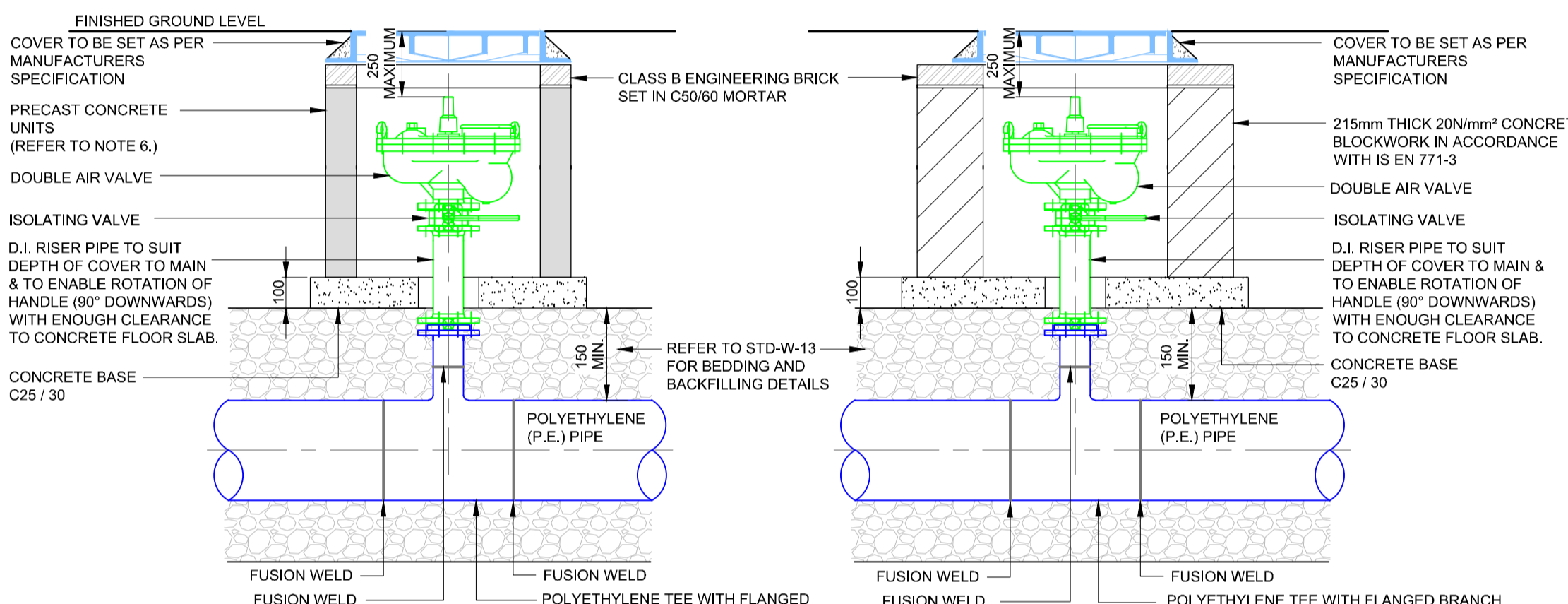
REV: -

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

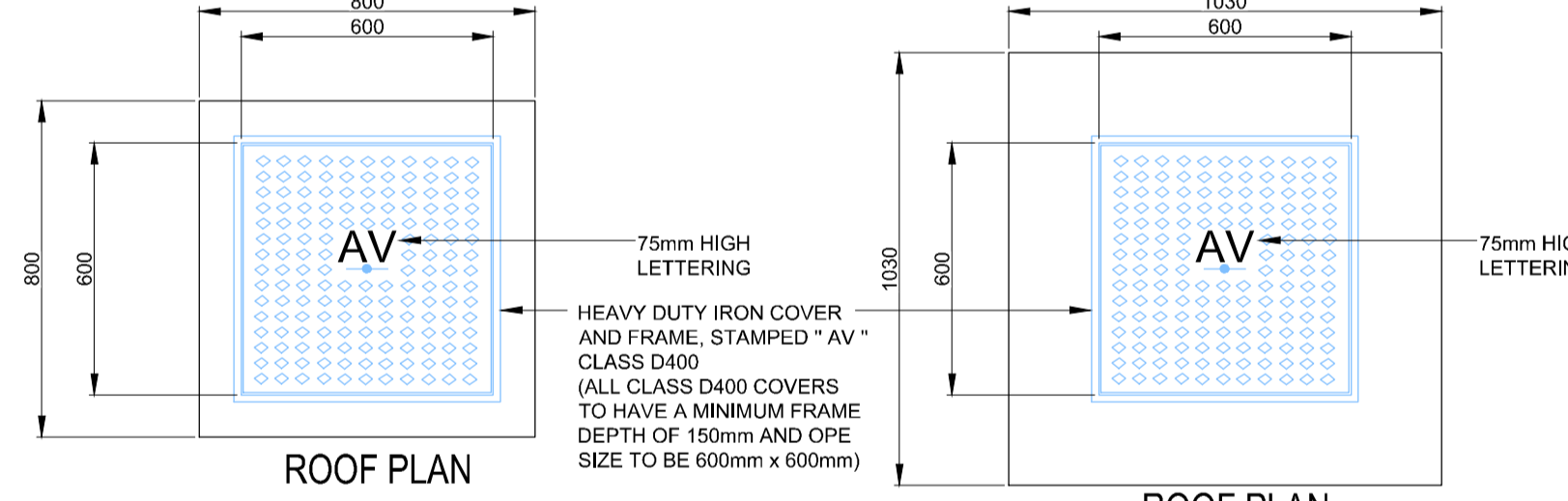
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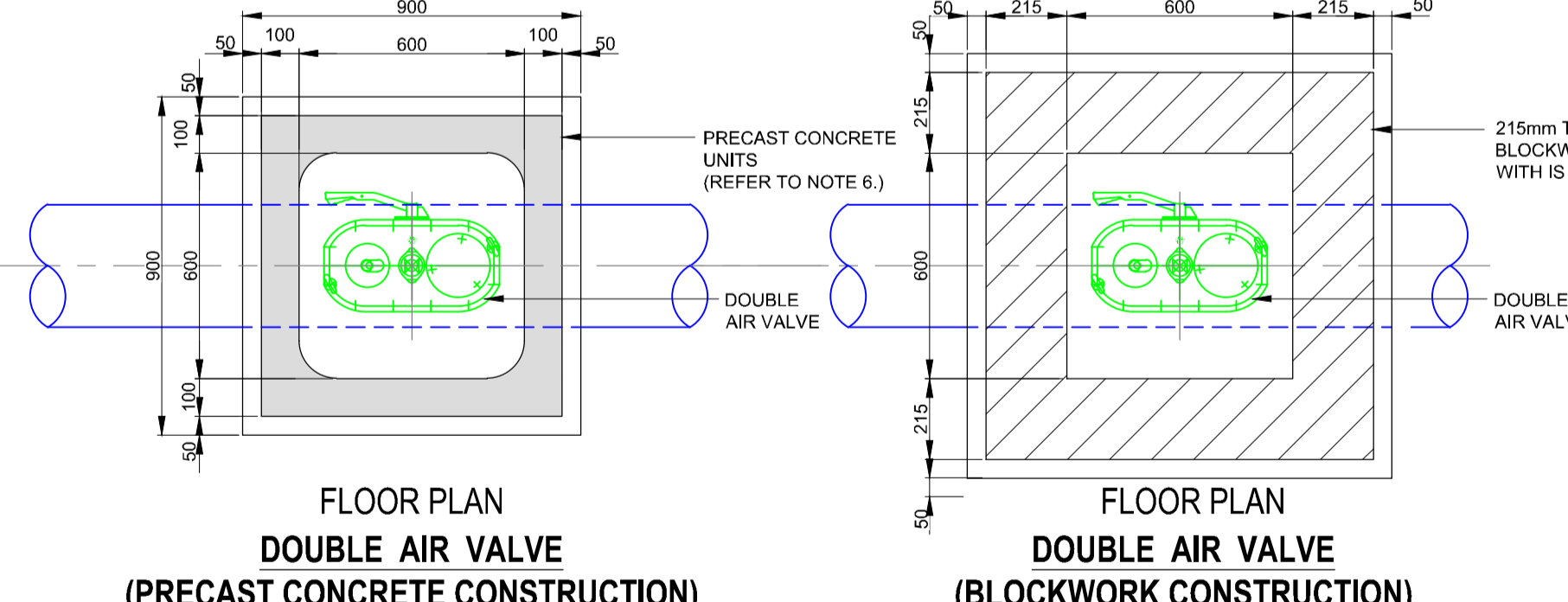
PLINTH DETAIL IN GRASS AREA



SECTION



ROOF PLAN



FLOOR PLAN

DOUBLE AIR VALVE (PRECAST CONCRETE CONSTRUCTION)

DOUBLE AIR VALVE (BLOCKWORK CONSTRUCTION)

Uisce Éireann Irish Water logo

STANDARD DETAILS - WATER SUPPLY

TITLE: ON - LINE AIR VALVE FOR POLYETHYLENE (P.E.) PIPE (SHEET 3 OF 4)

SCALE: NOT TO SCALE

DATE: MAY 2015

DRAWING No. STD-W-22

REV: -

P01	21.08.2024	ISSUED FOR INFORMATION	K. Lim	N.S	N.S
REV	DATE	DESCRIPTION	D	C	A

PROJECT No.	80192	STAGE	PLANNING
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 E dublin@nodwyer.com
 W www.nodwyer.com



T +353 1 707 2088
 E cluid@cluid.ie

PROJECT	CLUID HOUSING MAHON
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TITLE	WATER STANDARD DETAILS SHEET 1
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SCALES @ A1	DRAWN	CHECKED	APPROVED
NOT TO SCALE	K. Lim	N. Skelton	N. Skelton
	DATE	DATE	DATE
	21.08.2024	21.08.2024	21.08.2024

SUITABILITY CODE	S2	SUITABILITY DESCRIPTION	FOR INFORMATION
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DRAWING No.	80192-NOD-01-XX-DR-C-08510	REVISION	P01
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