

1. ALL DIMENSIONS IN MILLIMETRES (UNLESS OTHERWISE SPECIFIED).
2. ALL CONCRETE SHALL BE IN ACCORDANCE WITH IS 456 FOR DESIGN AND MIX PROPORTIONS. ALL CONCRETE SHALL BE COVERED WITH APPROVED-QUALITY METAL COVERS TO BEEN LIFTED AND COVERED AND REMAINS SHALL BE SUITABLE FOR ROAD AND TRAFFIC CONDITIONS SUBJECT TO REVIEW BY RWH OFFICE.
3. ALL STEEL SHALL BE IN ACCORDANCE WITH IS 2062 FOR DESIGN AND MIX PROPORTIONS. ALL STEEL SHALL BE COVERED WITH APPROVED-QUALITY METAL COVERS TO BEEN LIFTED AND COVERED AND REMAINS SHALL BE SUITABLE FOR ROAD AND TRAFFIC CONDITIONS SUBJECT TO REVIEW BY RWH OFFICE.
4. SCOUR CHAMBER SHALL BE ACCORDING TO THE FOLLOWING DETAILS.
5. STRUCTURAL DESIGN AND REINFORCEMENT DETAILS TO BE PROVIDED BY THE DEVELOPER AND SUBMITTED TO RWH OFFICE FOR REVIEW. RWH SLAB SHALL BE DESIGNED TO CARRY ALL LIVE LOADS AND DEAD LOADS AND COMBINE OF A REINFORCED CONCRETE SLAB ON RAILS CONCRETE. LONGITUDINAL AND TRANSVERSE REINFORCEMENT SHALL BE PROVIDED AS PER IS 456 AND TRY SHALL HAVE THE APPROPRIATE CEMING.
6. SCOUR CHAMBER SHALL BE ACCORDING TO THE FOLLOWING DETAILS.
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8. ALL CONCRETE SHALL BE IN ACCORDANCE WITH IS 456 FOR DESIGN AND MIX PROPORTIONS. ALL CONCRETE SHALL BE COVERED WITH APPROVED-QUALITY METAL COVERS TO BEEN LIFTED AND COVERED AND REMAINS SHALL BE SUITABLE FOR ROAD AND TRAFFIC CONDITIONS SUBJECT TO REVIEW BY RWH OFFICE.
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15. SCOUR VALVE REQUIRED ONLY AT LOW POINTS FOR UNLOADING RISING MAINS

HEAVY DUTY SURFACE BOX TOP 150

PRECAST CONCRETE ROOF SLAB

EXTENDED SPIGGLE SUPPORT BRACKETS

D1 PLAIN RND PIPE (LENGTH TO BUTT)

ALL FLANGED LEVEL INVERT TIE

LONG BODY FLANGED ADAPTER

LONG BODY FLEXIBLE JOINT

FLANGED RAIN DRAIN PIPE WITH INVERT FLANGE (LENGTH TO BUTT)

SECTION A-A

SECTION B-B

SCOUR CHAMBER ROOF PLAN

PLAN (DUCTILE IRON RISING MAIN)

PLAN (POLYETHYLENE RISING MAIN)

DIAMETER OF RISING MAIN (mm)

DIAMETER OF SCOUR (mm)

REFER TO INSET SHEET FOR NOTES REGARDING DESIGN RESPONSIBILITY & RISK ASSESSMENT

STANDARD DETAILS - WASTEWATER

SCOUR VALVE CHAMBER

FOUL RISING MAIN (≤ 200mm DIA.)

SCALE: NOT TO SCALE

DRAWING No: STD-WW-15

DATE: SEPT. 2015

REV: 3

PLINTH DETAIL

SECTION

ROOF PLAN

FLOOR PLAN

SUICE VALVE CHAMBER

PREFABT CONCRETE CONSTRUCTION

SUICE VALVE CHAMBER

(BLOCKWORK CONSTRUCTION)

REFER TO INDEX SHEET FOR NOTES REGARDING DESIGN RESPONSIBILITY & RISK ASSESSMENT

				STANDARD DETAILS - WASTEWATER		SCALE NOT TO SCALE	DATE SEP 2015
				TITLE	DRAWING NO.	REV	
				SUICE VALVE DETAILS FOR RISING MAINS POLYETHYLENE (P.E.) PIPE (< 200mm DIA.) (Sheet 2 of 2)	STD-WW-17	3	

Standard Irish Water Detail References:

- STD-WW-01 Waste water service connection responsibility
- STD-WW-03 Drain & Service connection pipework
- STD-WW-04 Typical Sewer/ Service pipe connection
- STD-WW-05 Typical Service layout indicating separation distances
- STD-WW-07 Trench Backfill & Bedding
- STD-WW-08 Concrete bed, Haunch & surround to wastewater pipes
- STD-WW-10 Pre-cast concrete manhole
- STD-WW-12 Backdrop manholes
- STD-WW-13 Private side inspection chamber
- STD-WW-14 Thrust blocks for rising main
- STD-WW-15 Scour valve chamber (Foul rising main <200mmØ)
- STD-WW-17 Sluice valve details for rising mains Polyethylene (P.E.) Pipe
- STD-WW-18 Air valve chamber (Foul rising main <200mmØ)

Refer to dwg no. 6415-5020/5021 for plan layout

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