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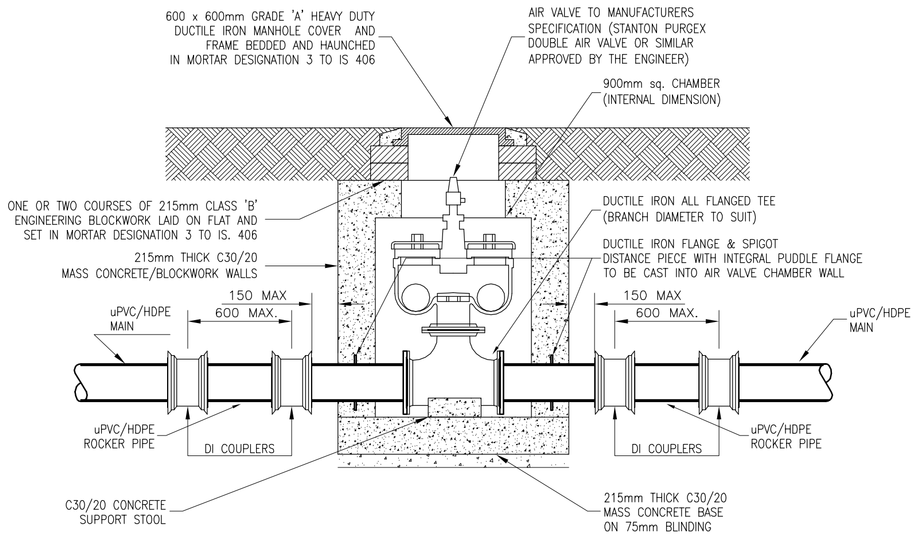
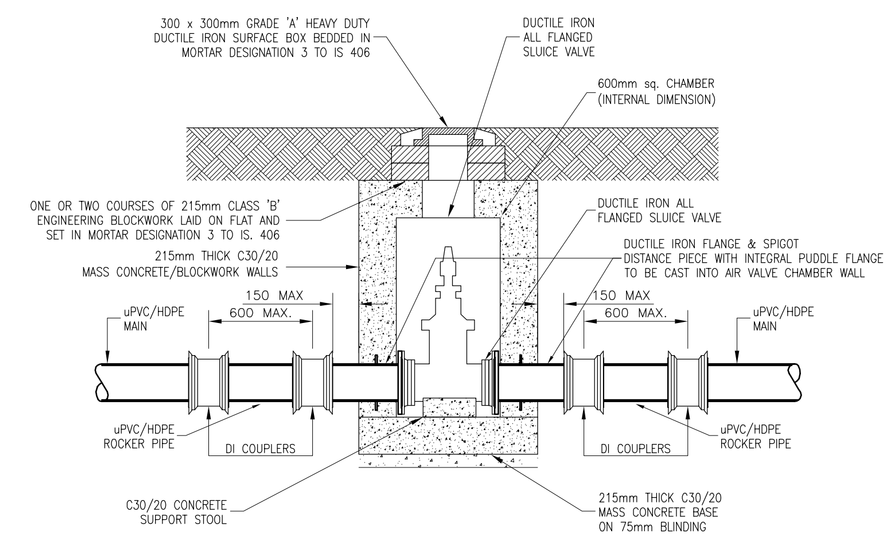
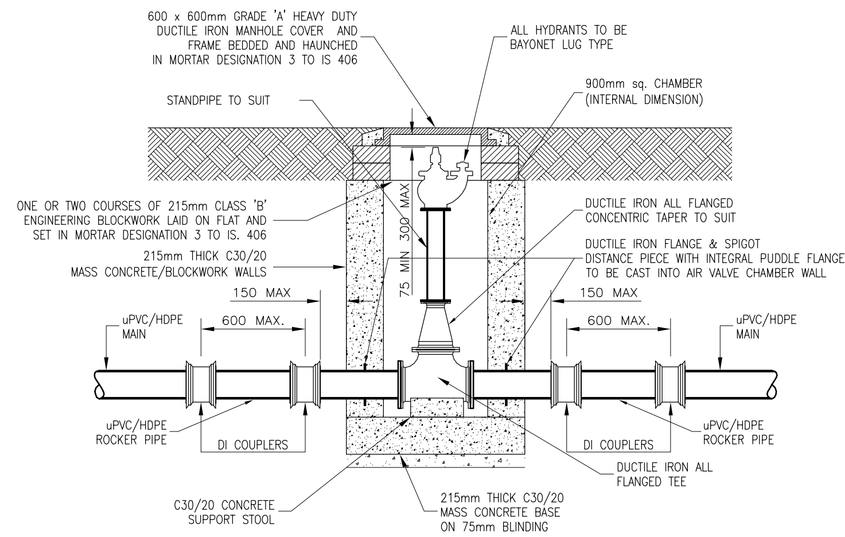


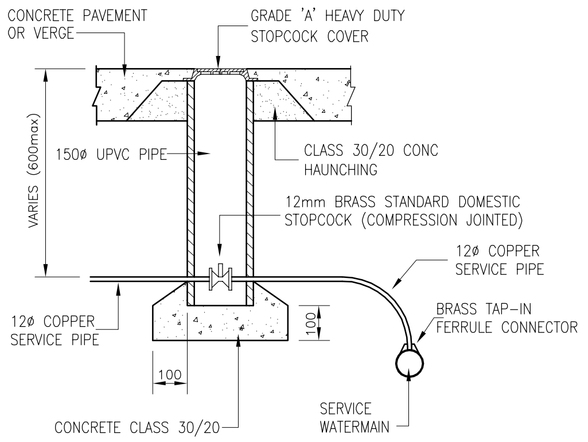
AIR VALVE CHAMBER
SCALE 1:25



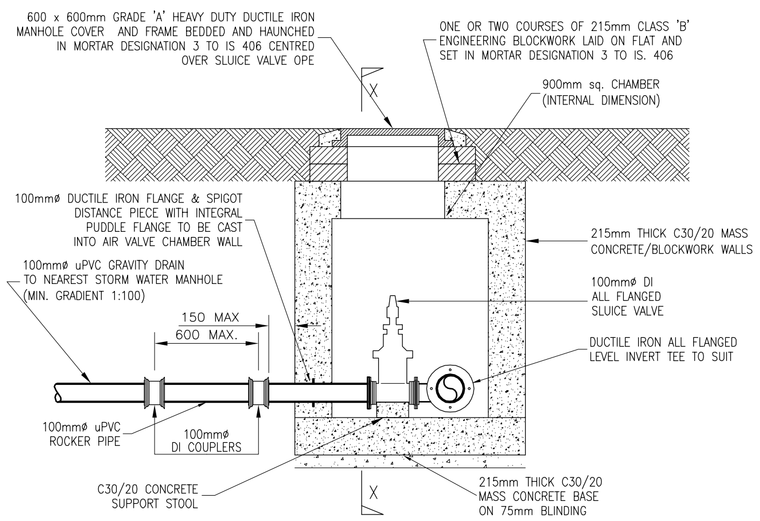
SLUICE VALVE CHAMBER
SCALE 1:25



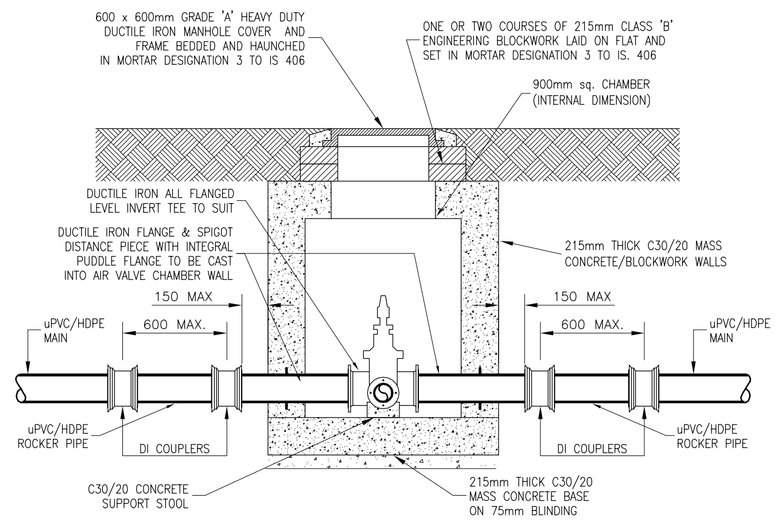
IN–LINE HYDRANT CHAMBER
SCALE 1:25



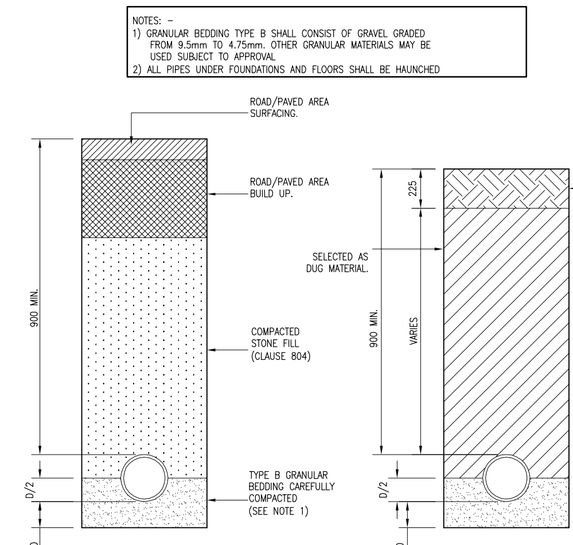
STOPCOCK CHAMBER
SCALE 1:25



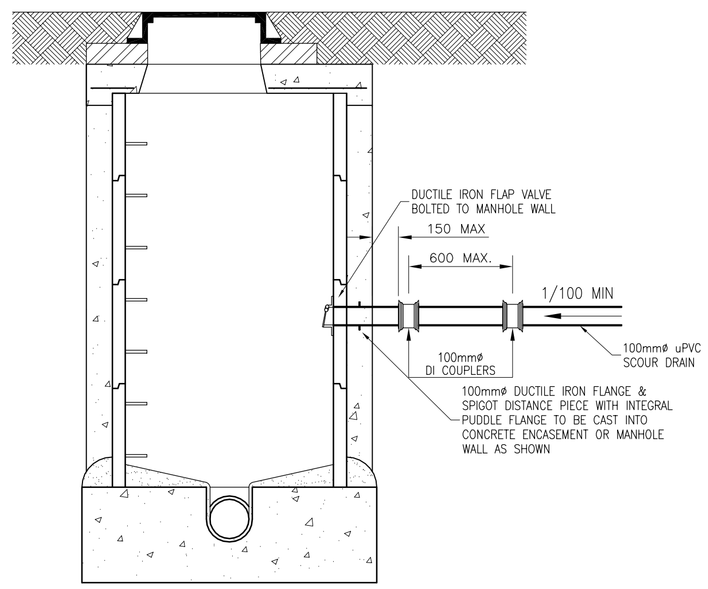
SCOUR VALVE CHAMBER
SCALE 1:25



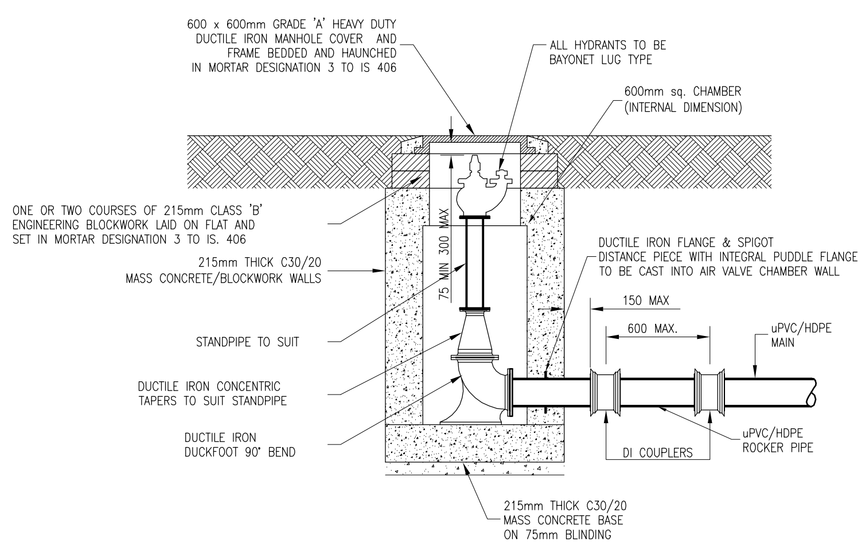
SECTION X–X THROUGH SCOUR VALVE CHAMBER
SCALE 1:25



WATERMAIN BEDDING DETAILS
SCALE 1:20



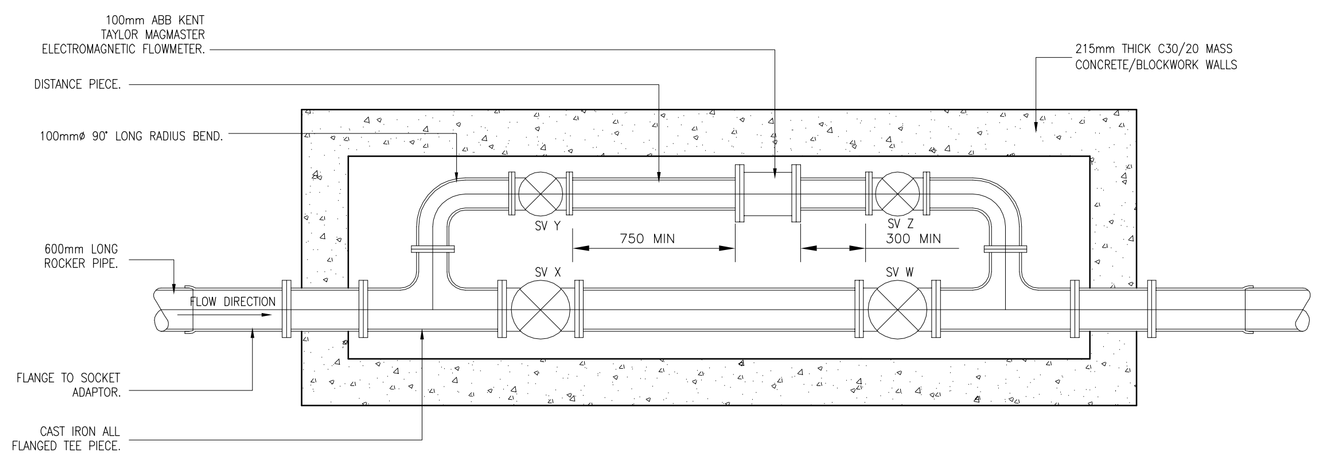
SCOUR DRAIN DETAIL AT MANHOLE WALL
SCALE 1:25



END OF LINE HYDRANT
SCALE 1:25

NOTES: –
HYDRANT TYPE DEPENDENT ON FIRE TENDER PATH
HYDRANTS TO BE IN ACCORDANCE WITH FIRE SAFETY CERTIFICATE SPECIFICATION

NOTES: –
IN NORMAL OPERATIONS VALVE X & W ARE CLOSED, VALVES Y & Z ARE OPEN. BY OPENING VALVES X & W, & CLOSING VALVES Y & Z NO OBSTRUCTION ON 200mm SUPPLY MAIN.



PLAN OF WATERMETER CHAMBER
SCALE 1:20

GENERAL NOTES:–

1). ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE NOTED

2). ALL LEVELS ARE IN METRES ABOVE DATUM, UNLESS OTHERWISE NOTED.

3). THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS, ENGINEERS & MANUFACTURERS DRAWINGS & SPECIFICATIONS.

4). DO NOT SCALE. USE FIGURED DIMENSIONS ONLY.

GENERAL DRAINAGE NOTES:–

1). ALL PIPE DIAMETERS ARE NOMINAL.

2). THE CONTRACTOR MUST CONTACT THE RELEVANT AUTHORITIES PRIOR TO CONSTRUCTION WORK & SATISFY HIMSELF IN RESPECT OF THE LOCATION OF ALL EXISTING SERVICES.

3). ALL SEWER PIPES ≥ 375ø TO BE CLASS 'H' SPIGOT & SOCKET CONCRETE PIPES TO I.S. 6 UNLESS OTHERWISE NOTED. ALL SEWER PIPES > 225ø TO BE CLASS 'M' SPIGOT & SOCKET CONCRETE PIPES, UNLESS OTHERWISE NOTED. ALL SEWER PIPES≤ 150ø TO BE UPVC TO IS 424.

4). 600mm MAX. LENGTH ROCKER PIPES ARE TO BE PROVIDED ON SEWERS, WATERMAINS AND FIREMAINS WHERE:
(A). A PIPE ENTERS A MANHOLE OR PUMPING STATION.
(B). A PIPE LEAVES A MANHOLE.
(C). A PIPE ENTERS CONCRETE ENCASEMENT.
(D). A PIPE LEAVES CONCRETE ENCASEMENT.
(E). AN OTHER LOCATION AS DIRECTED BY THE ENGINEER.

5). ALL SEWER ROCKER PIPES ARE TO BE FORMED BY CUTTING AND TRIMMING A LENGTH OF SPIGOT & SOCKET PIPE TO FORM A SPIGOT AT THE CUT END, THEREBY FORMING SPIGOT & SOCKET JOINTS AT BOTH ENDS OF THE ROCKER PIPE.

6). WHERE SEWER PIPES AND RISING MAINS CONNECT TO EXISTING MANHOLES, THE CONTRACTOR IS REQUIRED TO:
(A). CONTACT THE RELEVANT AUTHORITIES PRIOR TO COMMENCING WORK.
(B). MAKE GOOD THE EXISTING CHAMBER WALL AT THE PROPOSED POINT AND ADJUST THE EXISTING BENCHING TO THE SATISFACTION OF THE ENGINEER.

7). WHERE SEWER PIPES, RISING MAINS & ROAD GULLY DRAINS CROSS EXISTING ROADS, THE CONTRACTOR IS REQUIRED TO:
(A). CONTACT THE RELEVANT AUTHORITIES PRIOR TO COMMENCING WORK.
(B). MAKE GOOD THE EXISTING ROAD TO THE SATISFACTION OF THE ENGINEER.

8). ALL ROCKER PIPES SHALL BE NO MORE THAN 150MM FROM THEIR ASSOCIATED MANHOLE, PUMPING STATION, CONCRETE ENCASED SECTION OR VALVE CHAMBER.

9). ABANDONED PIPE RUNS TO BE BROKEN OUT & TRENCH TO BE BACKFILLED WITH COMPACTED CLAUSE 804 MATERIAL TO FORMATION LEVEL. ABANDONED MANHOLES TO BE BROKEN OUT TO FORMATION & BACKFILLED WITH COMPACTED CLAUSE 804 MATERIAL TO FORMATION LEVEL. ALTERNATIVELY, PIPE AND MANHOLE TO BE FILLED WITH FOAM CONCRETE.

RISING MAIN NOTES:–

1). ALL RISING MAIN PIPES ARE CLASS 'C' UPVC OR HDPE PIPES UNLESS OTHERWISE NOTED.

2). PROVIDE ANCHOR/THRUST BLOCKS ON ALL BENDS EQUAL TO OR EXCESS OF 22.5°, DEAD ENDS, AND TEES ON ALL WATERMAINS AND FIREMAINS.

3). ALL ANCHOR/THRUST BLOCKS SHALL BE CAST AGAINST THE FACE OF THE TRENCH.

4). ALL PIPEWORK, THRUST BLOCKS AND ASSOCIATED STRUCTURES SHALL BE ARRANGED TO ALLOW SUFFICIENT SPACE FOR THE REMAKING OF JOINTS.

5). ALL SCOUR DRAINS 100MMø UNLESS OTHERWISE NOTED

No.	Date	Revision	Drawn	Checked	Approved
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PL1	17/11/14	PLANNING ISSUE	LMJ	MJP	MJP

Issue Register

PLANNING

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Client: KILKENNY COUNTY COUNCIL

Project: REFURBISHMENT & EXTENSION AT MAYFAIR, KILKENNY

Drawing Title: PROPOSED WATERMAIN DETAILS

Project No: 141114 | Scale: A1–VARIES

Drawing No: 141114/PL/031 | Rev: PL1

Drawn: LMJ | Checked: MJP | Date: 13/11/14