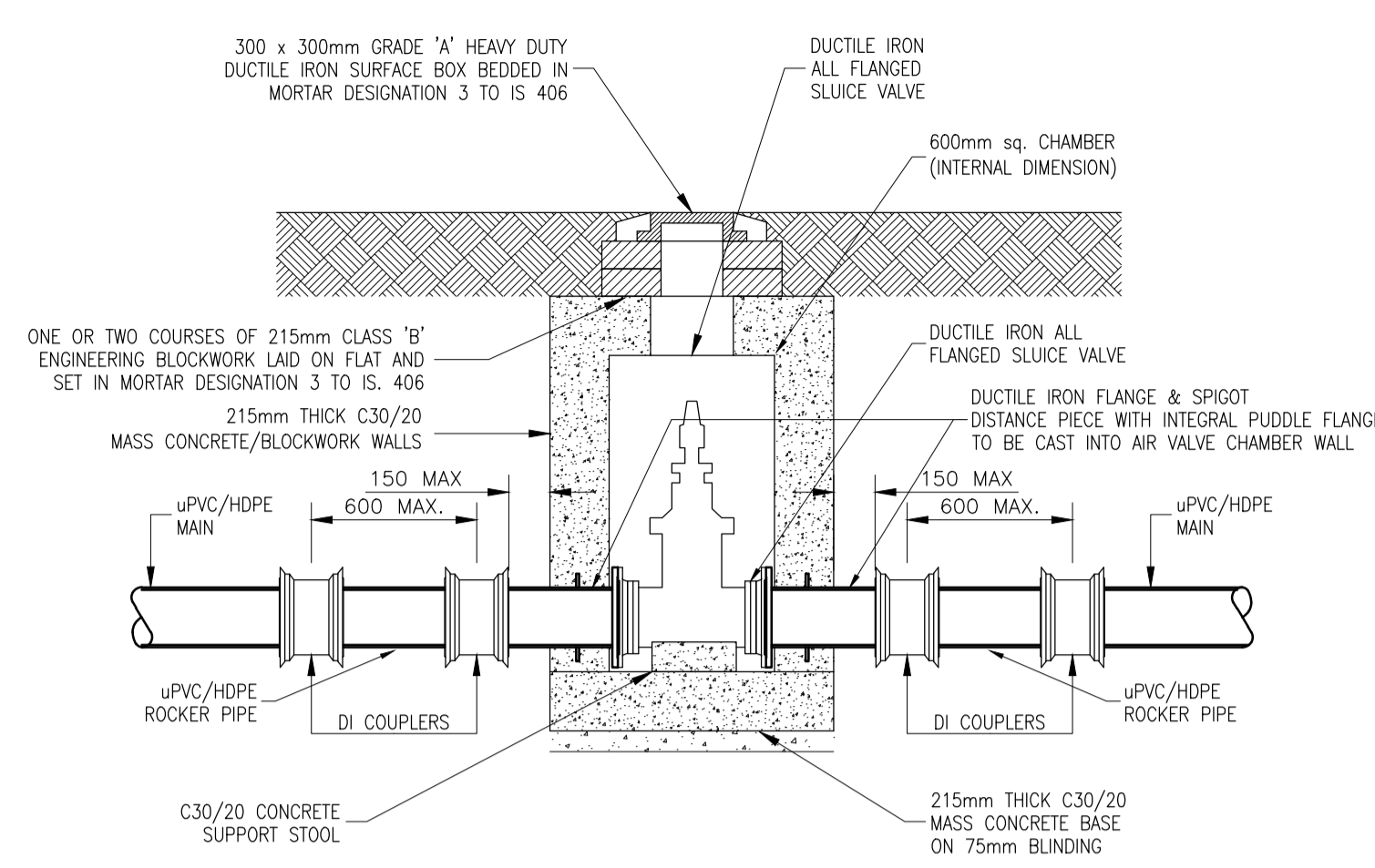
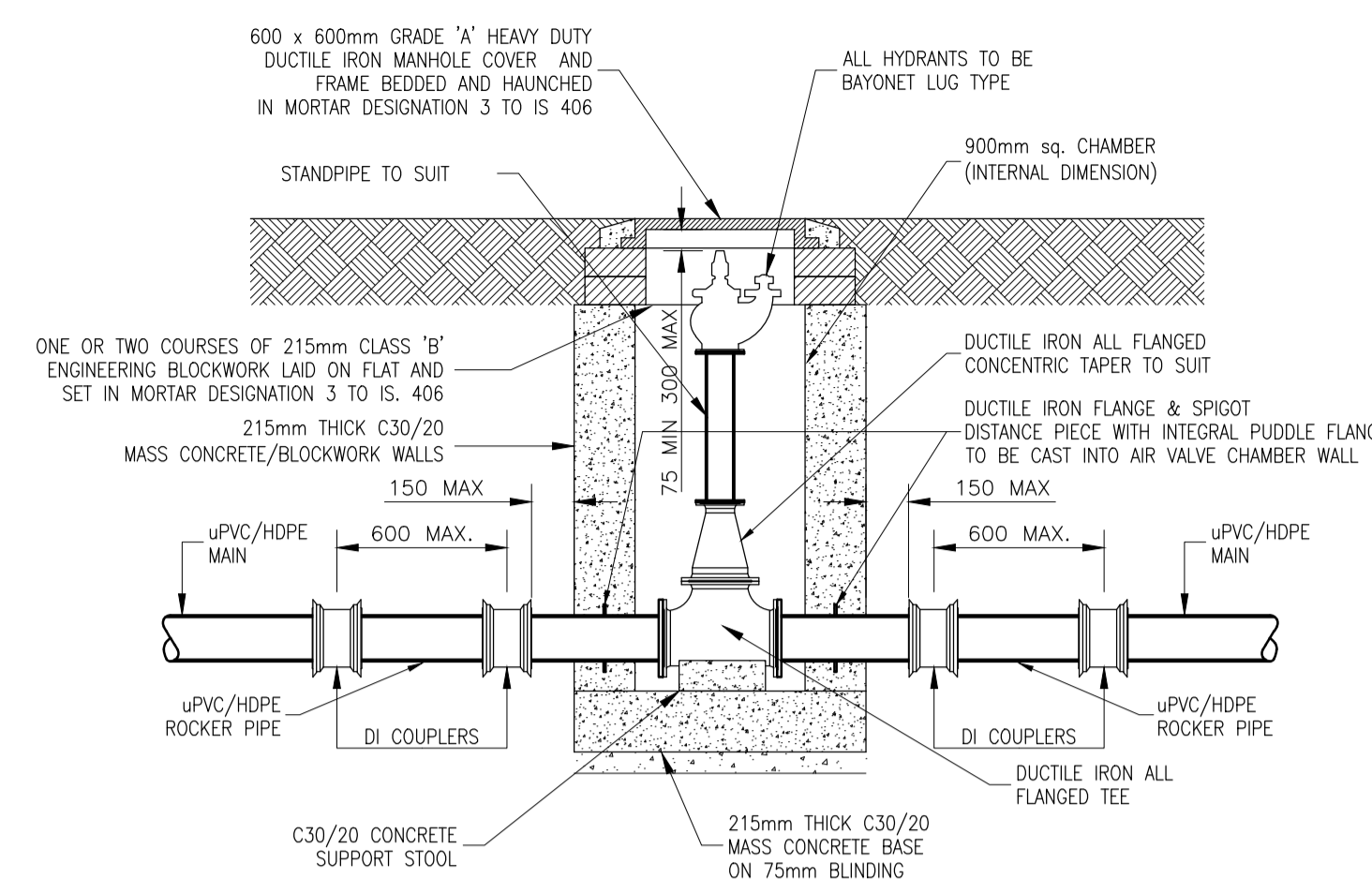


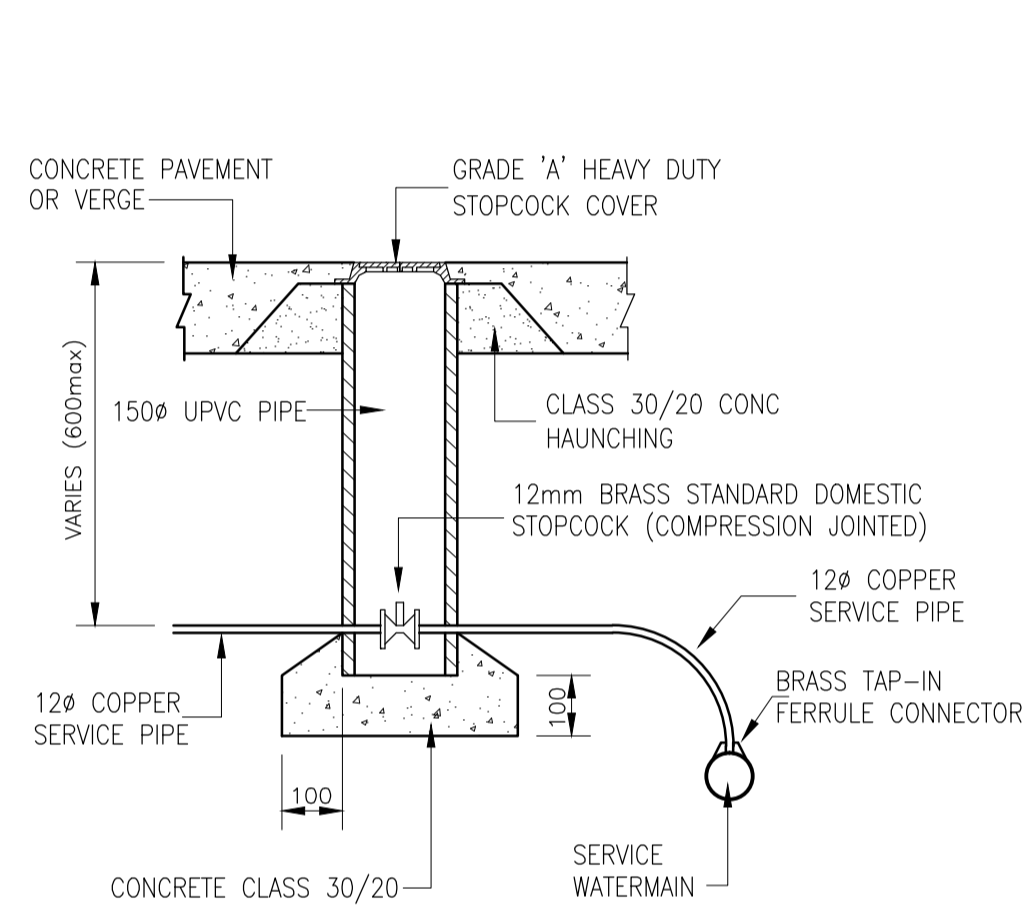
**AIR VALVE CHAMBER**  
SCALE 1:25



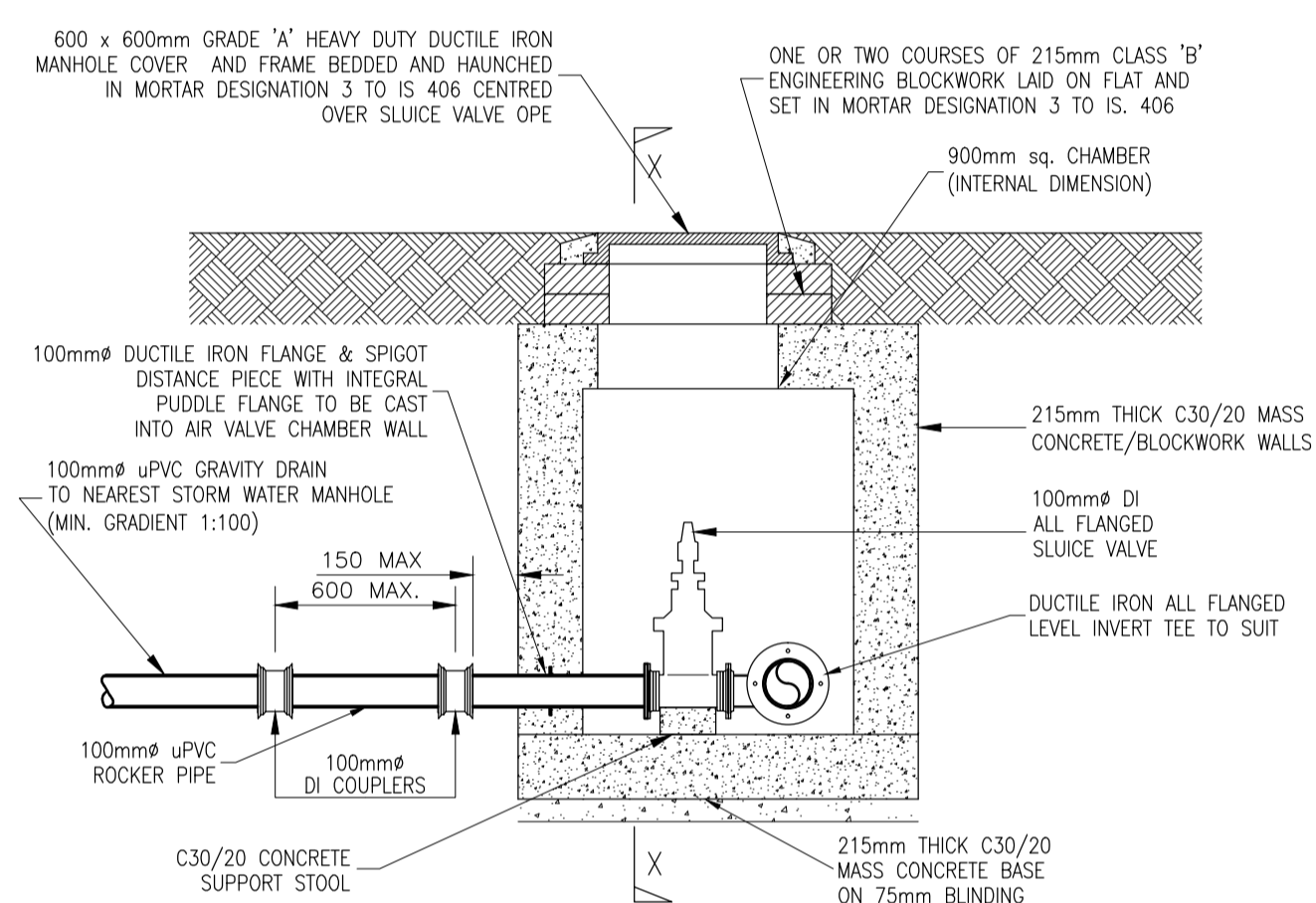
**SLUICE VALVE CHAMBER**  
SCALE 1:25



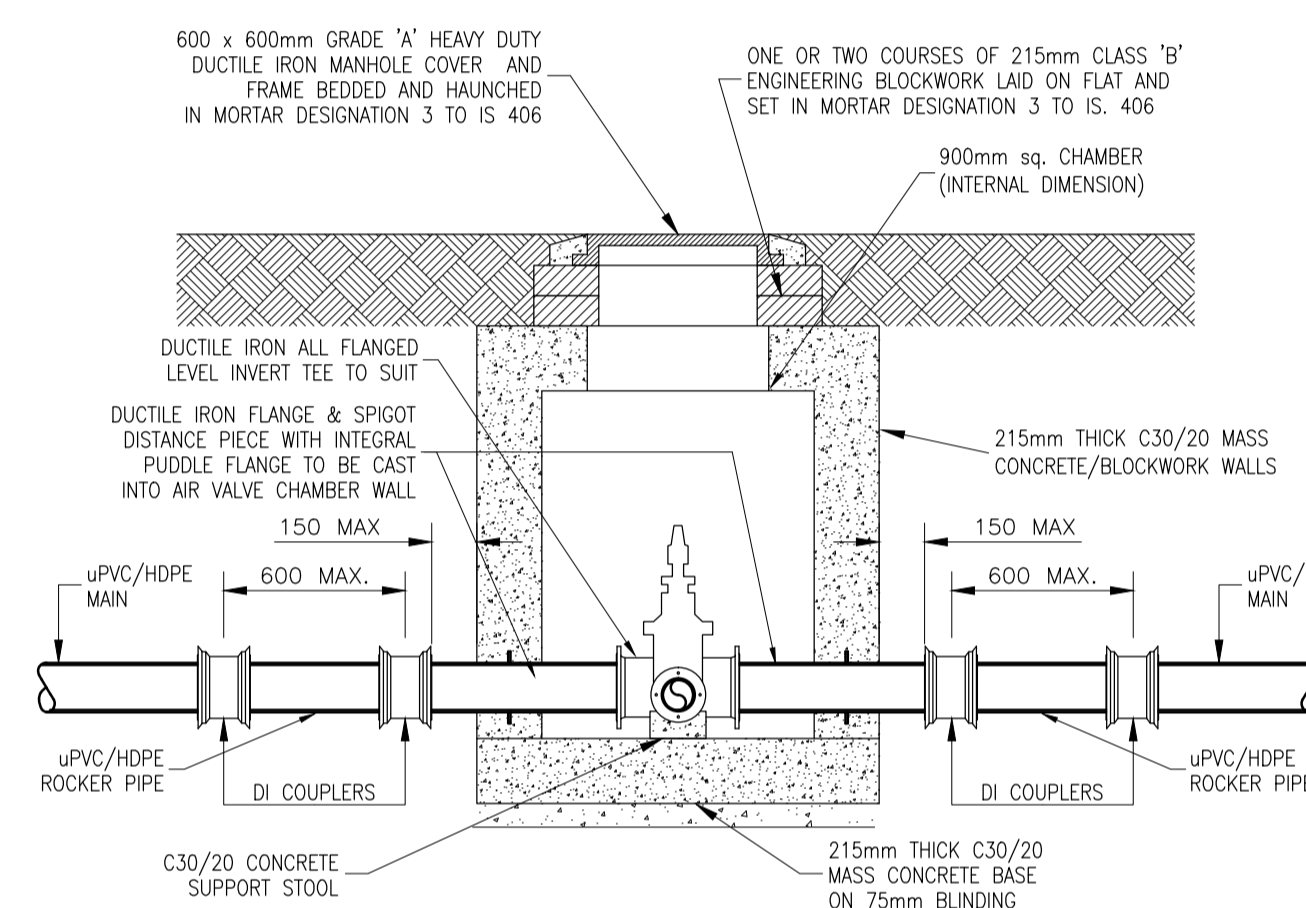
**IN-LINE HYDRANT CHAMBER**  
SCALE 1:25



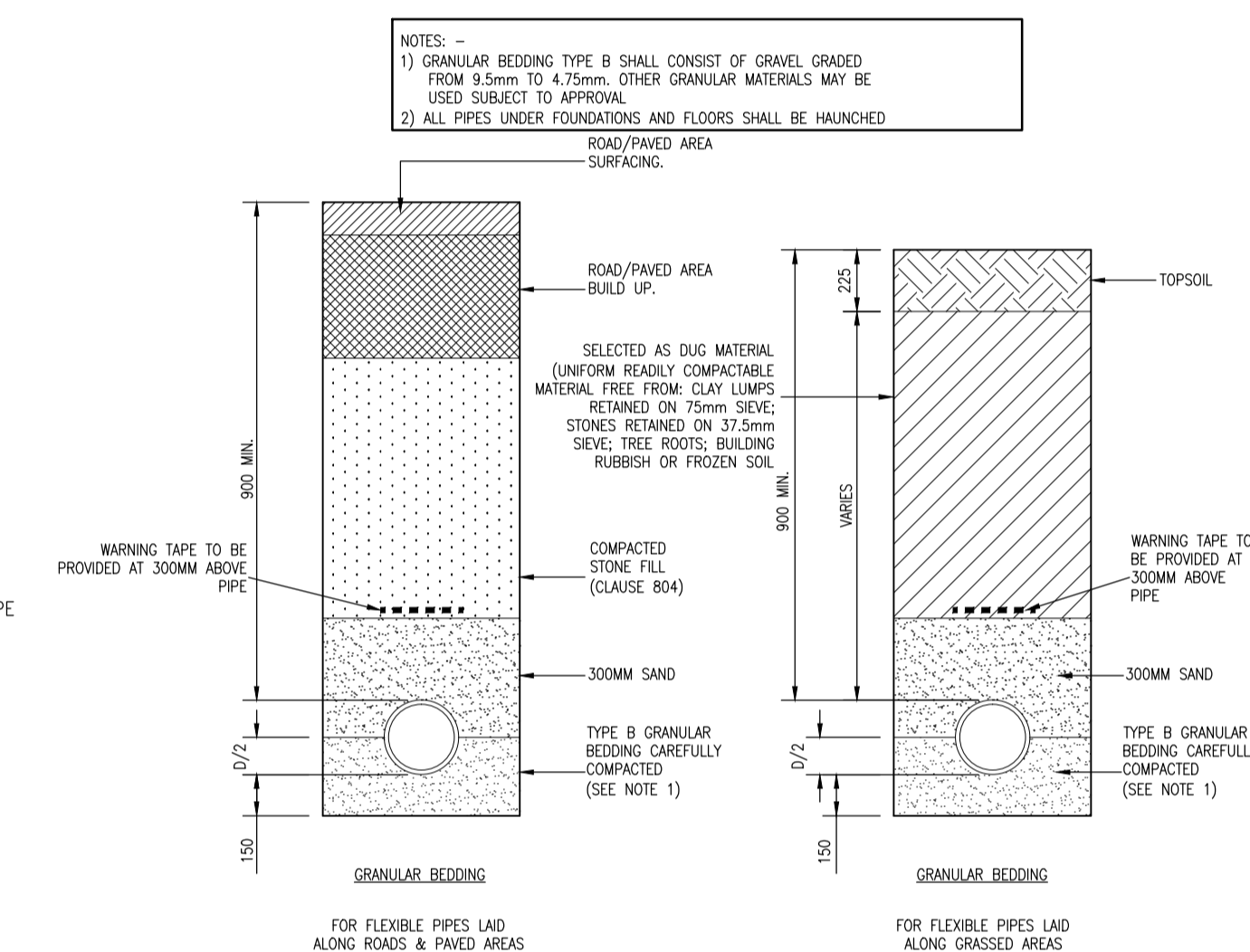
**STOPCOCK CHAMBER**  
SCALE 1:25



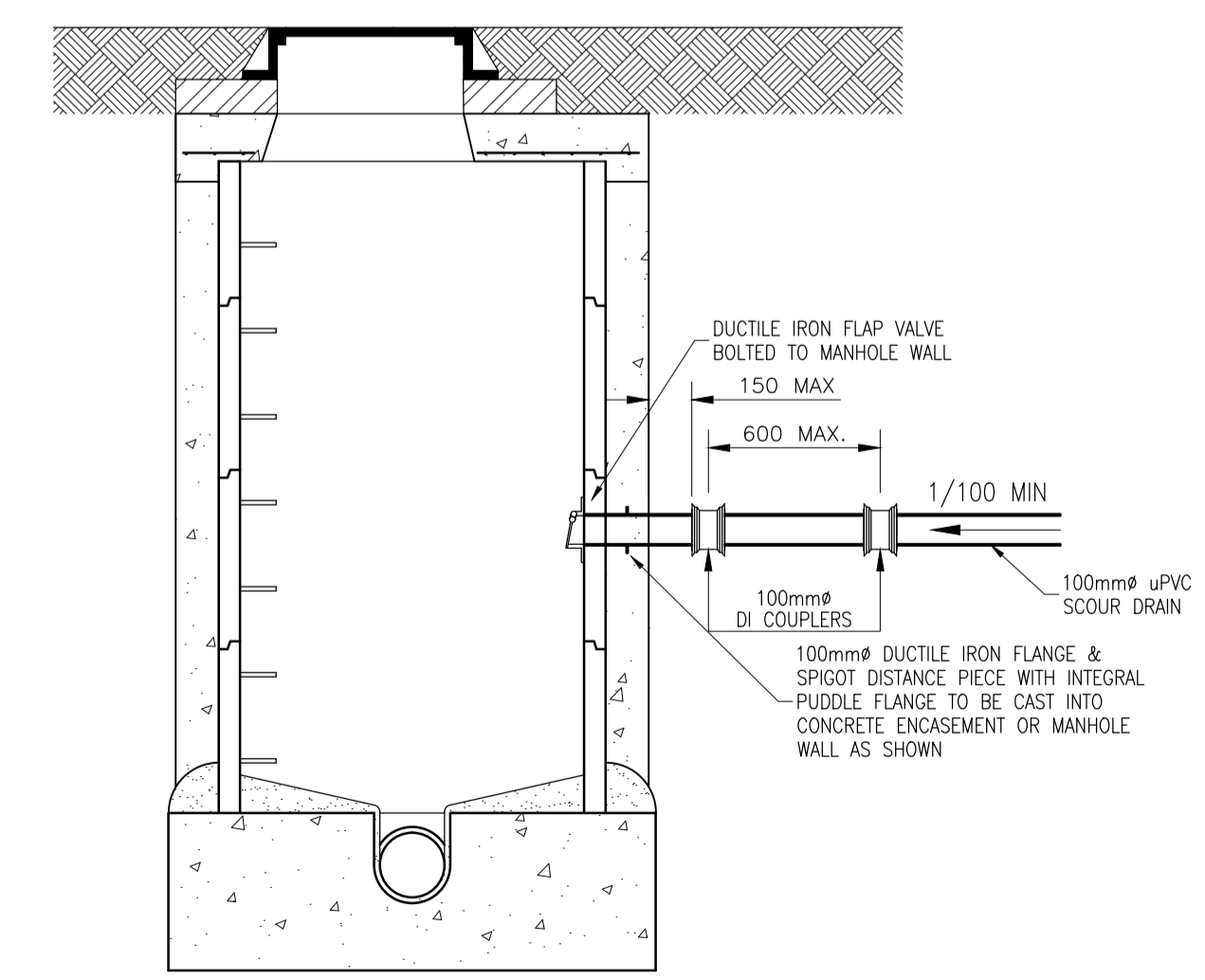
**SCOUR VALVE CHAMBER**  
SCALE 1:25



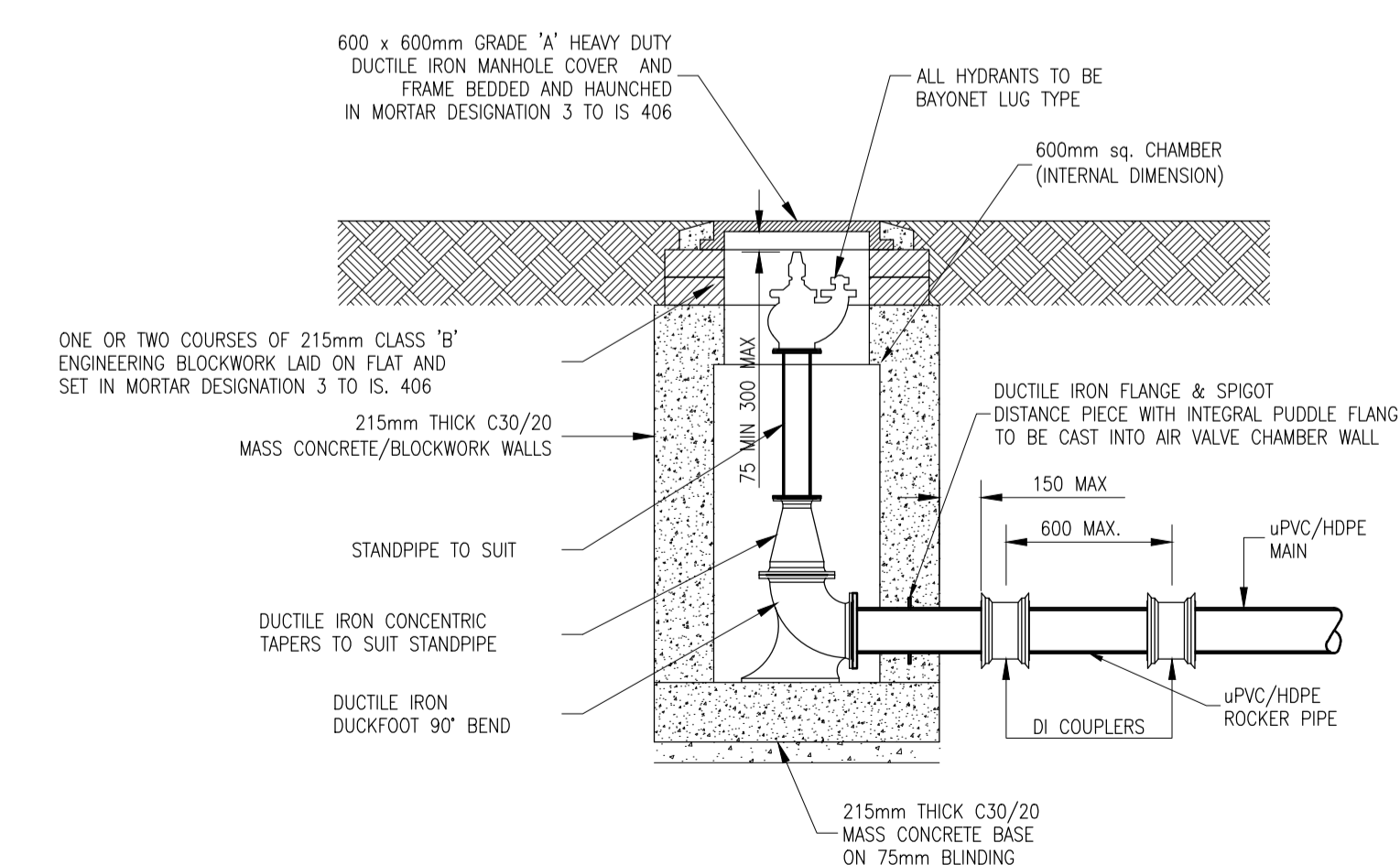
**SECTION X-X THROUGH SCOUR VALVE CHAMBER**  
SCALE 1:25



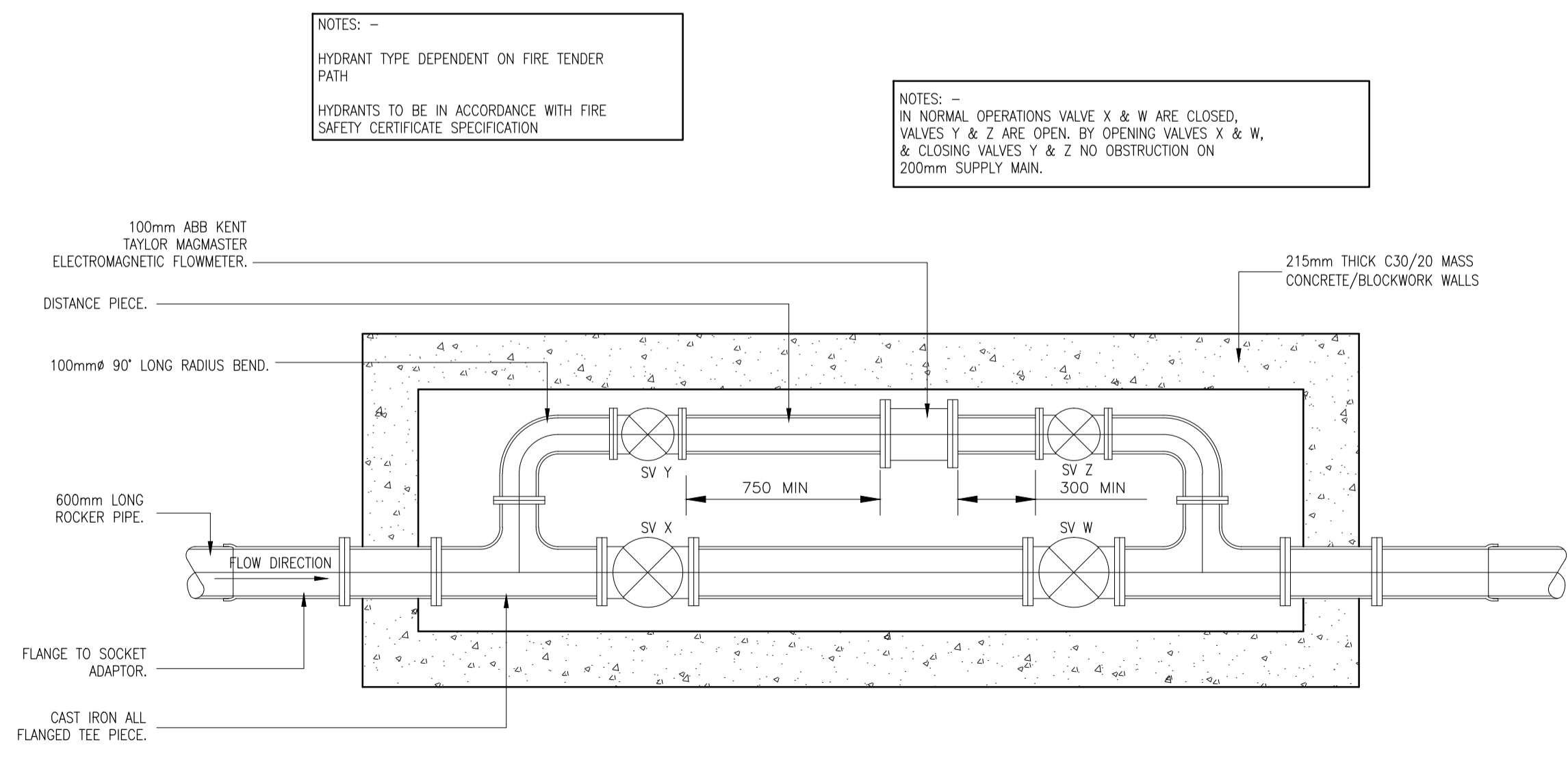
**RISING MAIN BEDDING DETAILS**  
SCALE 1:20



**SCOUR DRAIN DETAIL AT MANHOLE WALL**  
SCALE 1:25



**END OF LINE HYDRANT**  
SCALE 1:25



**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.

- 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 WATERMANS AND FIREMANS.
  - 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 REMAINING OF JOINTS.
  - 5). ALL SCOUR DRAINS 100MM UNLESS OTHERWISE NOTED

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.

ALL SETTING OUT DIMENSIONS TO BE CHECKED AGAINST ARCHITECTS DRAWINGS. ARCHITECTS DRAWINGS TO TAKE PRECEDENCE.

**Issue Register**

No.	Date	Revision	Drawn	Checked	Approved
PL1	16/10/15	PLANNING ISSUE	LMJ	MJP	MJP

**PLANNING**

Client: KILKENNY COUNTY COUNCIL

Project: DEVELOPMENT AT ST. FRANCIS BREWERY, KILKENNY

Drawing Title: PROPOSED WATERMAIN DETAILS

Project No: 141078

Drawing No: 141078/PL/031

Scale: A1-VARIES

Rev: PL1

Drawn: LMJ

Checked: MJP

Date: 15/10/15

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