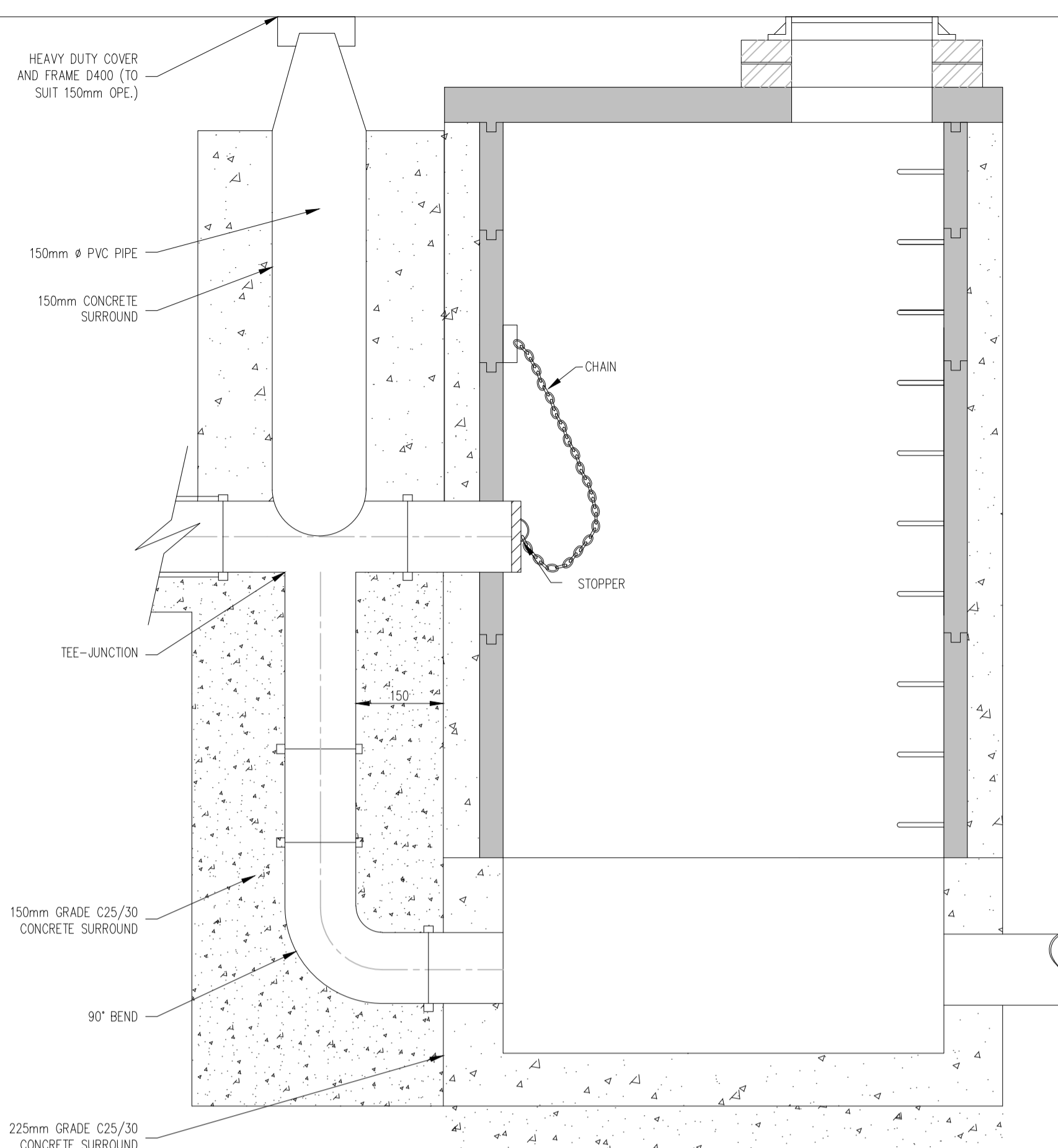
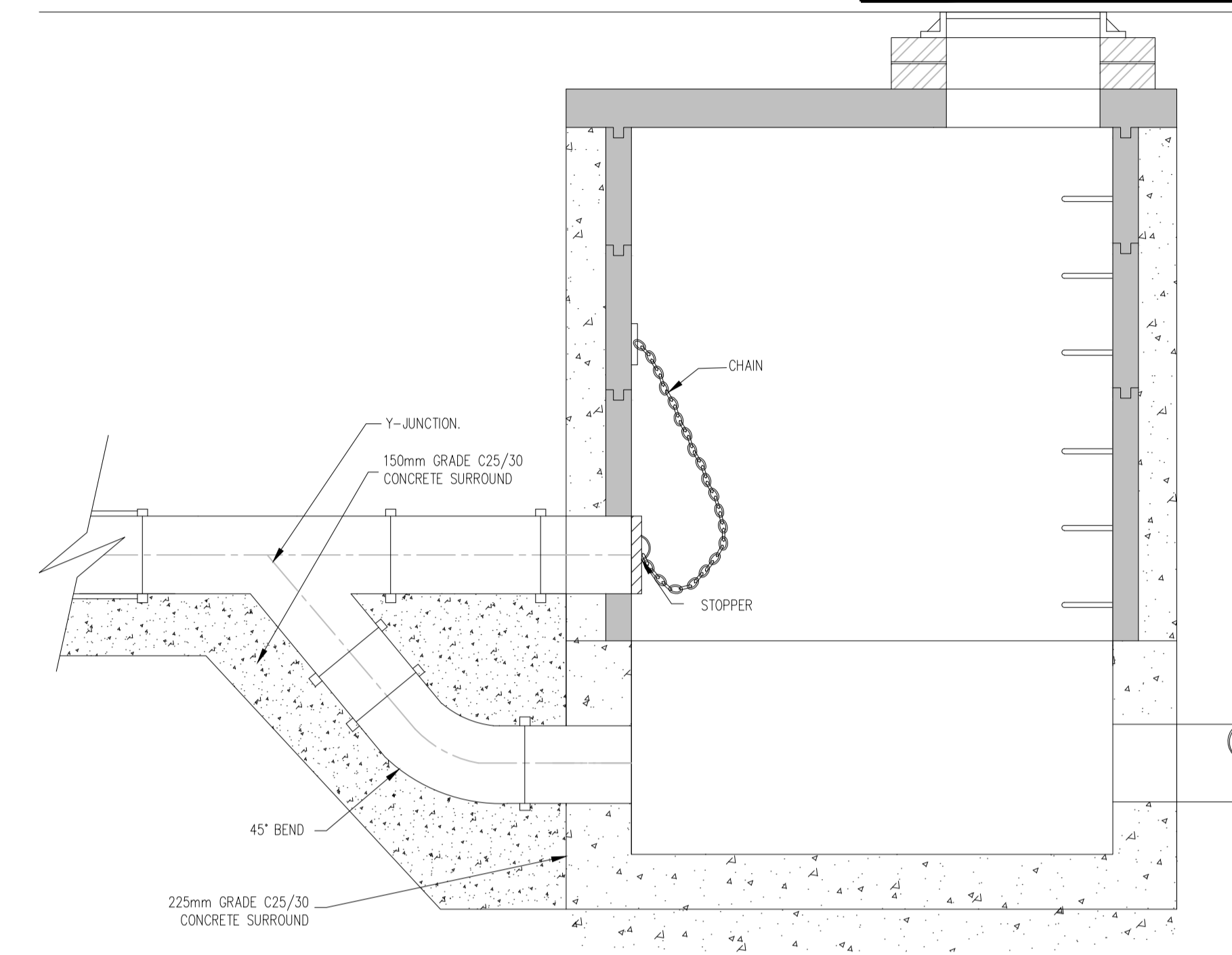


TYPE No.1
 150mm - 450mm Ø (NCL) DROP GREATER THAN 1700mm
 500mm - 900mm Ø (NCL) DROP GREATER THAN 2300mm

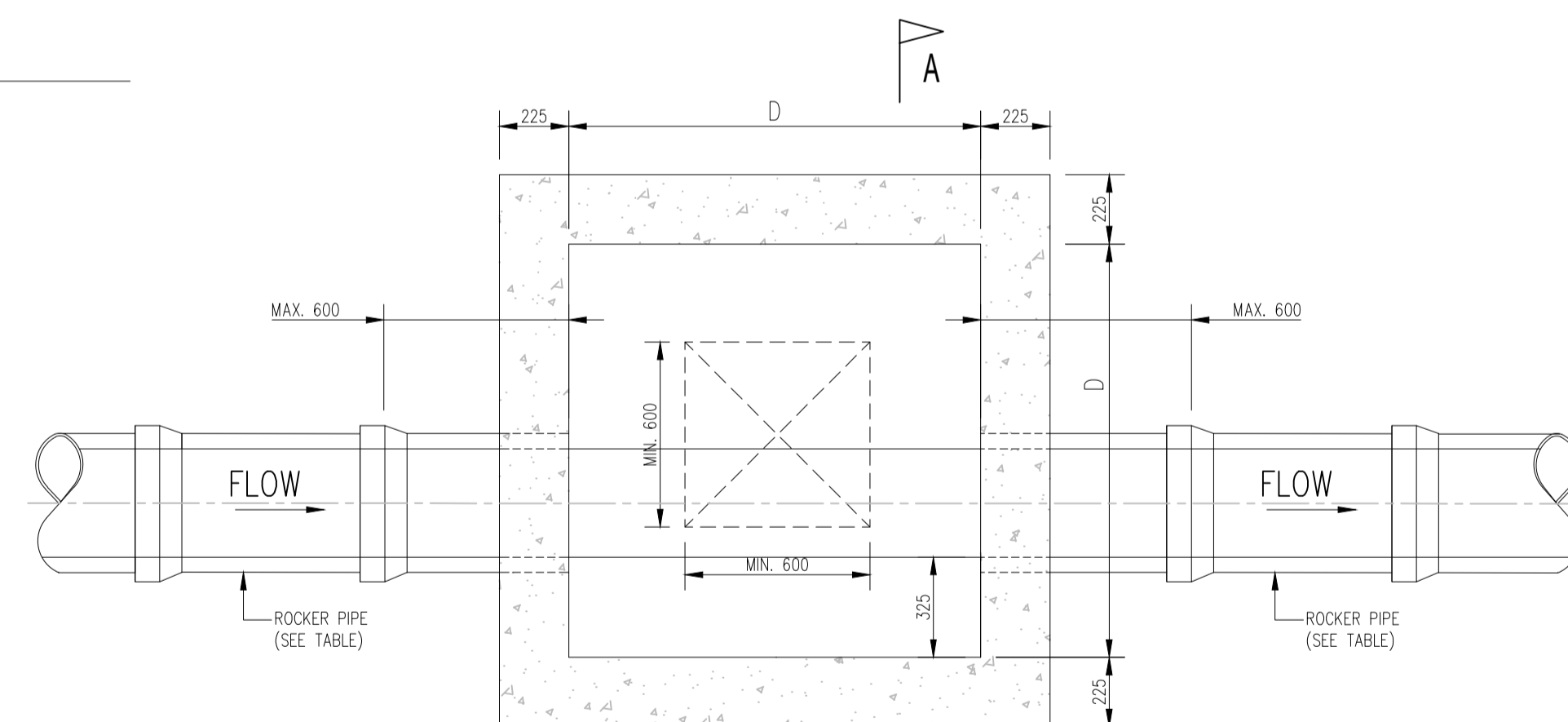
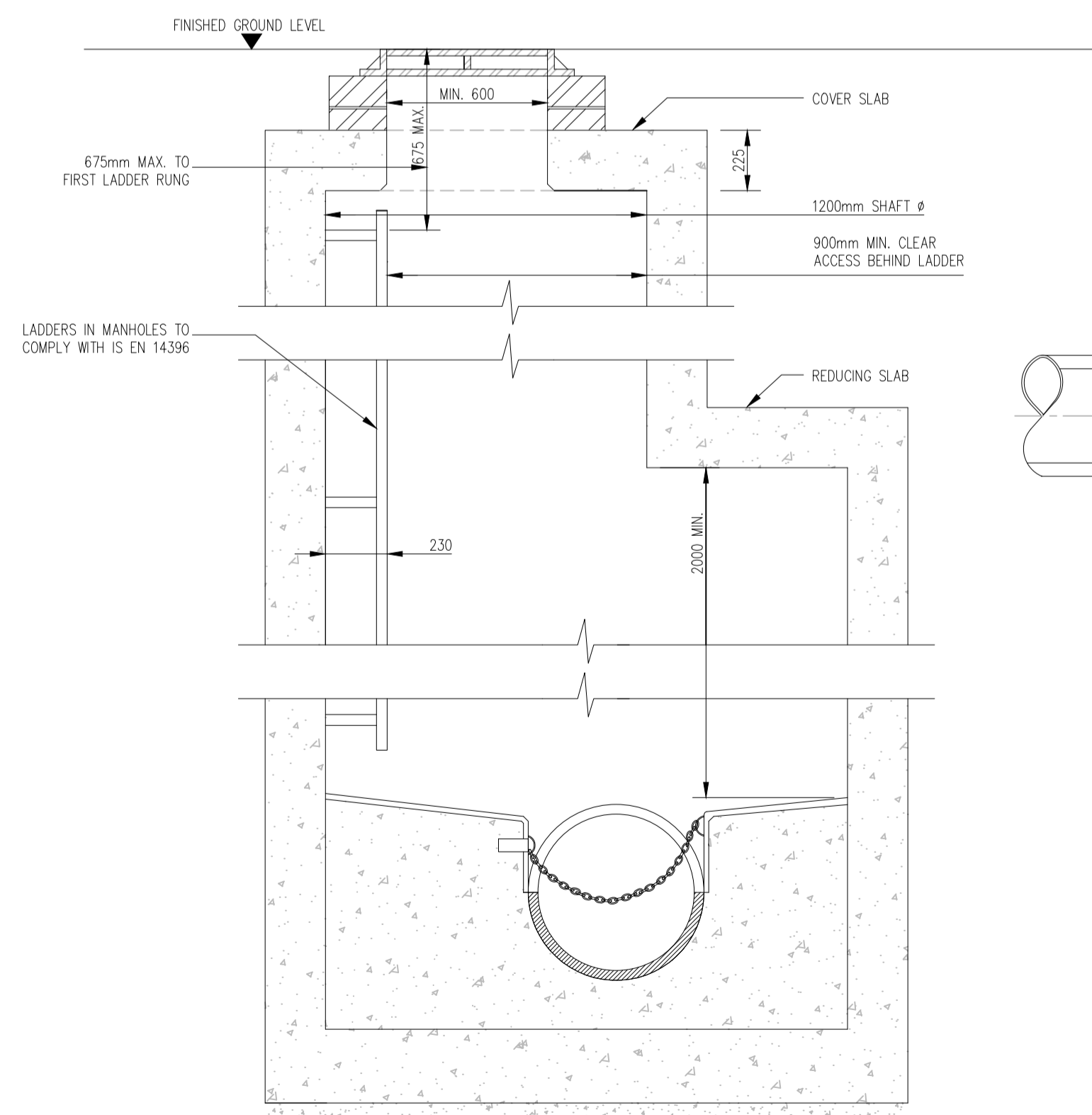
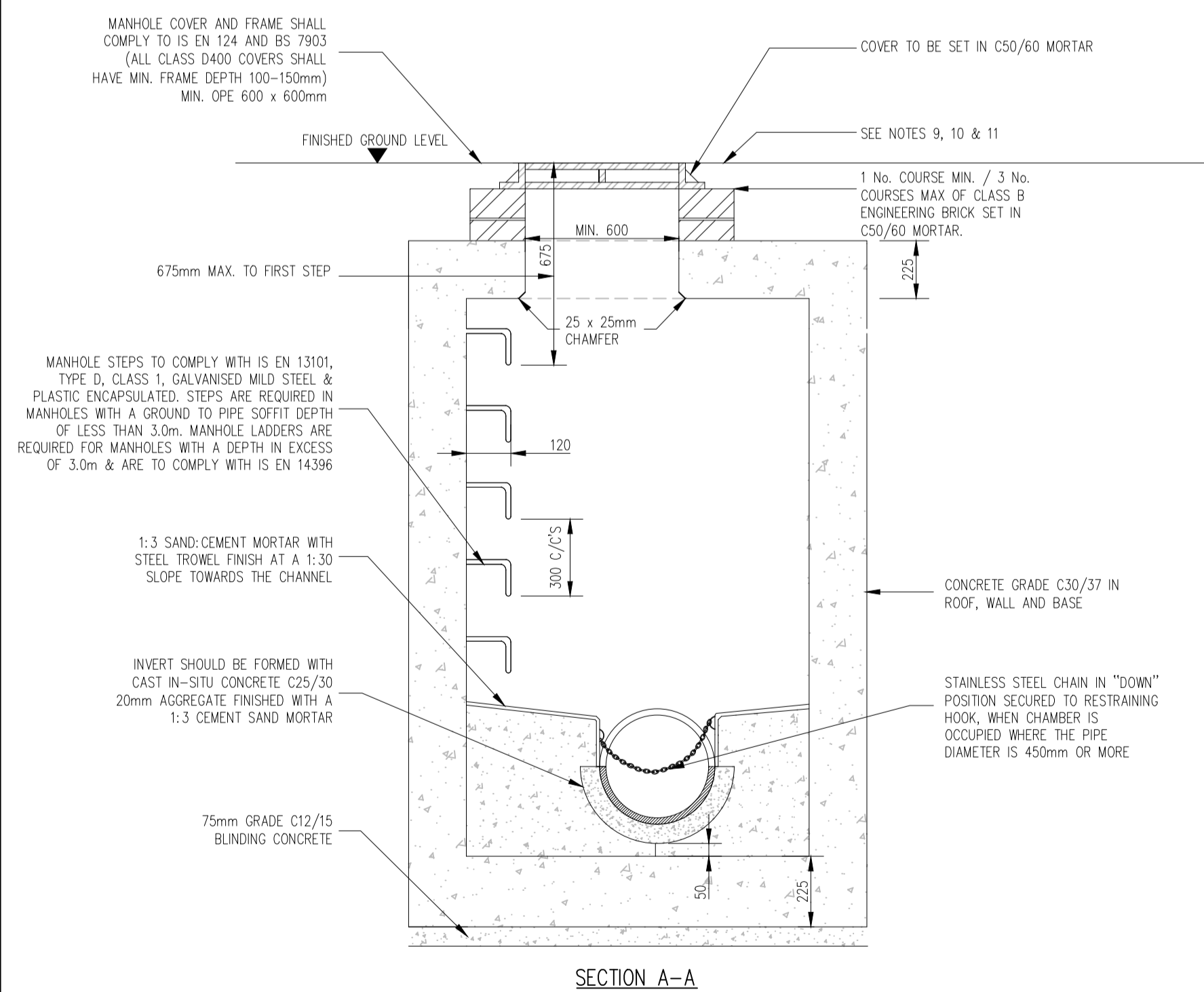


TYPE No.2
 150mm - 450mm Ø (NCL) DROP GREATER THAN 900mm AND LESS THAN 1700mm
 500mm - 900mm Ø (NCL) DROP GREATER THAN 1300mm AND LESS THAN 2300mm

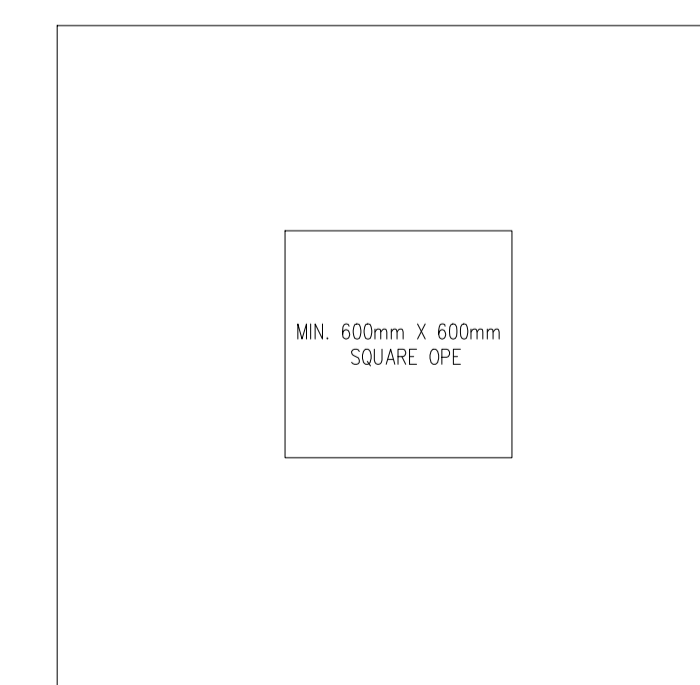


TYPE No.3
 150mm - 450mm Ø (NCL) DROP GREATER THAN 600mm AND LESS THAN 900mm
 500mm - 900mm Ø (NCL) DROP GREATER THAN 600mm AND LESS THAN 1300mm

DETAIL 10 - BACKDROP MANHOLES



PLAN



ROOF PLAN

MANHOLE DETAIL > 3m & < 6m
 GROUND TO PIPE SOFFIT DEPTH
 (NOTE: ON MANHOLES < 1.5m SHAFT DIMENSION,
 REDUCING SLAB NOT TO BE USED & SHAFT TO
 CONTINUE UP TO COVER SLAB)

DETAIL 09 - IN-SITU CONCRETE MANHOLE

NOTES

- GENERAL**
- 1.) THESE DRAWINGS TO BE READ IN CONJUNCTION WITH ALL RELEVANT HAYES HIGGINS ENGINEERING DRAWINGS AND SPECIFICATIONS.
 - 2.) DO NOT SCALE. USE FIGURED DIMENSIONS ONLY.
 - 3.) FOUL WATER/WASTE WATER TO CURRENT IRISH WATER SPECIFICATION AND DETAILS (W-CDS-5030-01).

| ROCKER PIPE LENGTH | | MINIMUM MANHOLE DIMENSIONS "D" | |
|--------------------|-------------------------|------------------------------------------|------------------------------------|
| PIPE DIAMETER (mm) | ROCKER PIPE LENGTH (mm) | DIAMETER OF LARGEST PIPE IN MANHOLE (mm) | INTERNAL DIMENSION OF MANHOLE (mm) |
| 150 - 600 | 600 | < 375 | 1200 |
| > 600 - 750 | 1000 | 375 - 450 | 1350 |
| > 750 | 1250 | 500 - 750 | 1500 |

| | | | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|------------------------|--------|--------|
| REV | DATE | DESCRIPTION | DWG BY | APP BY |
| P | 10.08.23 | ISSUED FOR PLANNING | FS | LM |
| ISSUED | | | | |
| PLANNING | | | | |
| CLIENT SOPHIA HOUSING | | | | |
| PROJECT NAME ST JOHN'S CONVENT RATHANGAN | | | | |
| DRAWING NAME IRISH WATER FOUL & SURFACE DRAINAGE DETAILS SHEET 3 OF 4 | | | | |
| PROJECT No. 20D004 | | | | |
| DRAWING No. 03C | | REVISION P | | |
| SCALE AS SHOWN | | DRAWN DATE 10.08.23 | | |
| CAD DRAWN BY F.S. | CHECKED BY L.M. | APPROVED BY D.H. | | |
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