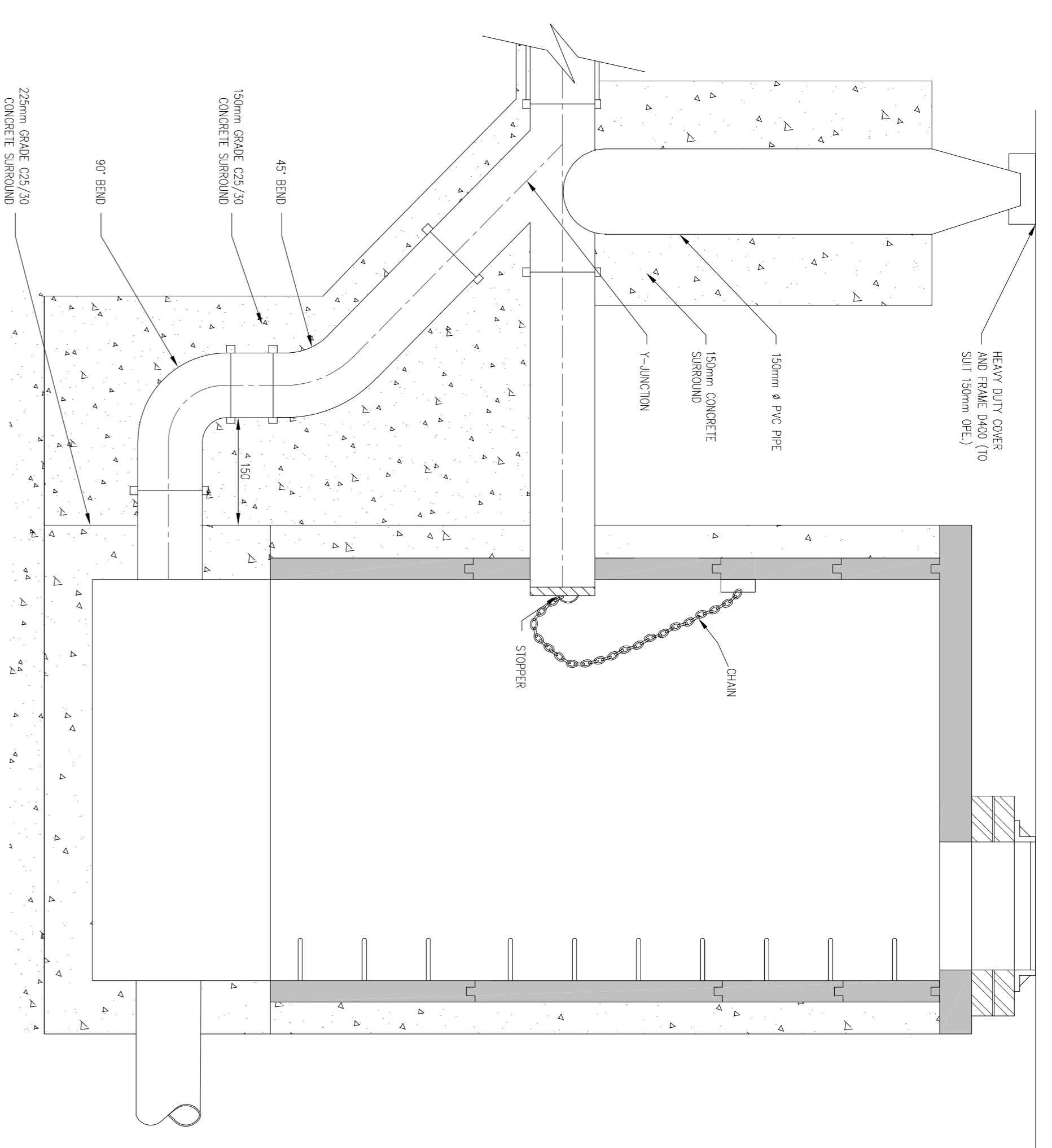
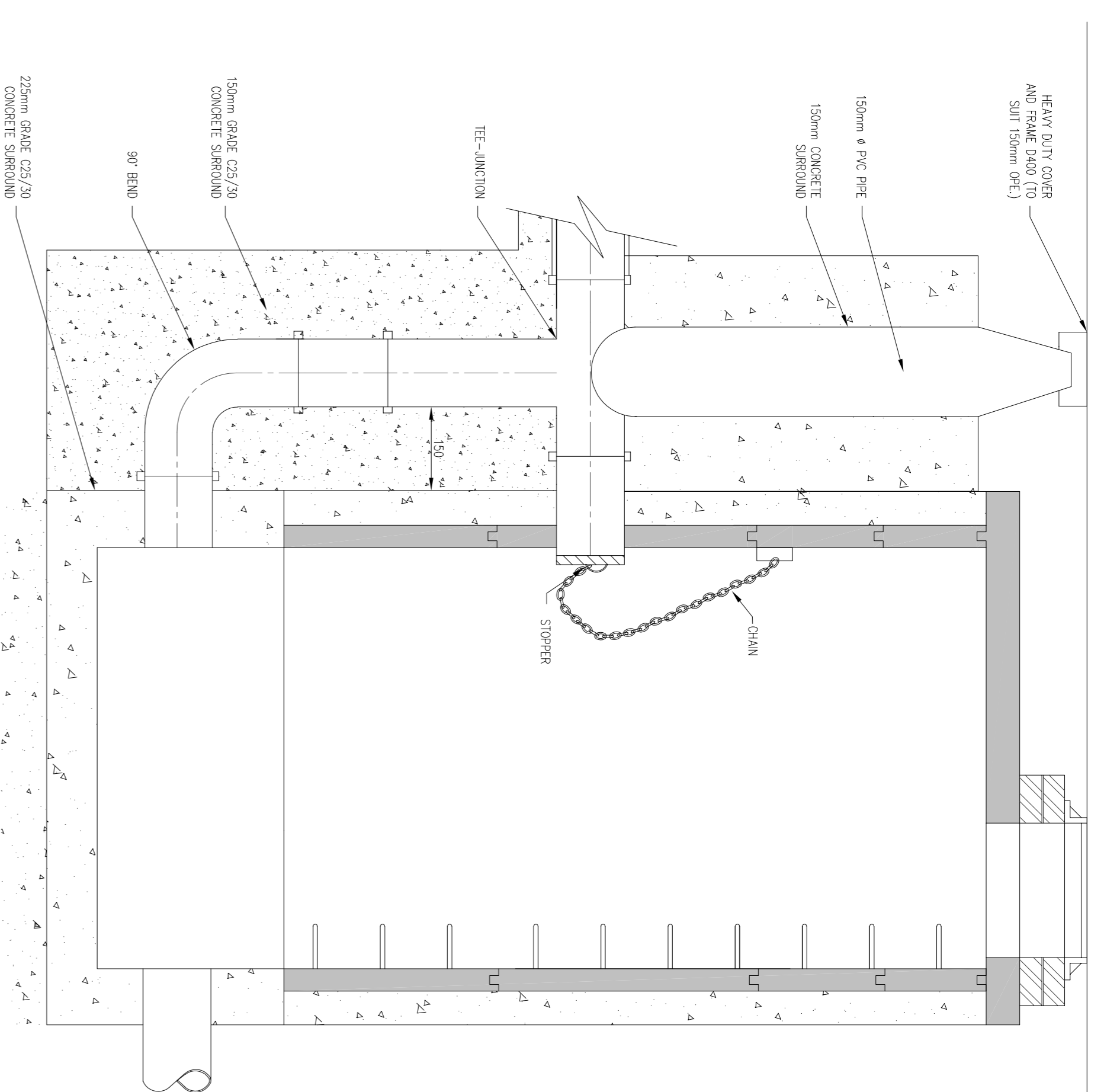


NOTES

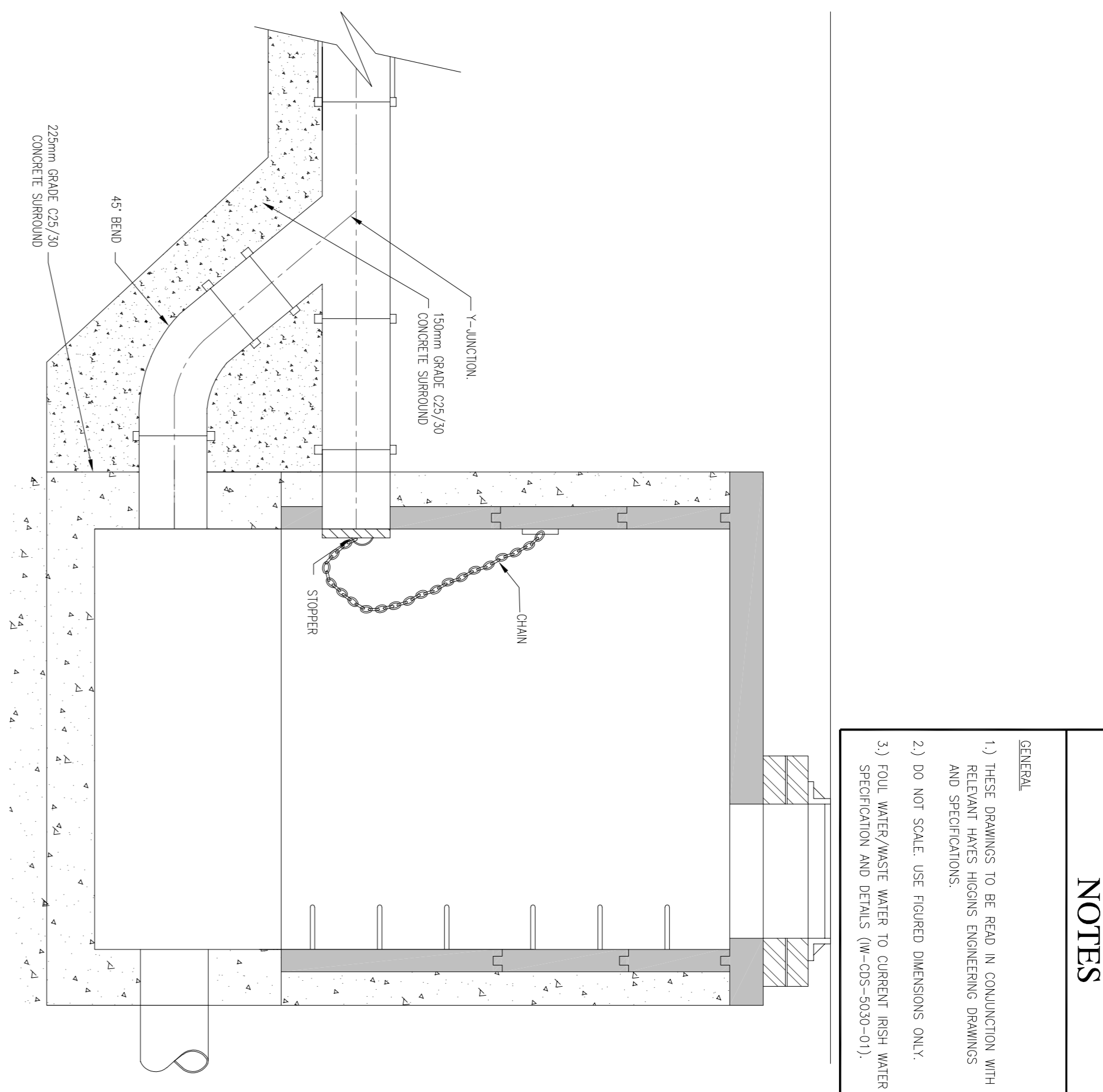
- GENERAL
- 1) THESE DRAWINGS TO BE READ IN CONJUNCTION WITH ALL RELEVANT HAYES HIGGINS ENGINEERING DRAWINGS AND SPECIFICATIONS.
 - 2) DO NOT SCALE. USE FIGURED DIMENSIONS ONLY.
 - 3) FOULED WATER/WASTE WATER TO CURRENT FRESH WATER SPECIFICATION AND DETAILS (HW-CSS-5030-01).



TYPE No.1
150mm - 450mm Ø (N.C.) PIPE GREATER THAN 1700mm
500mm - 900mm Ø (N.C.) PIPE GREATER THAN 2300mm

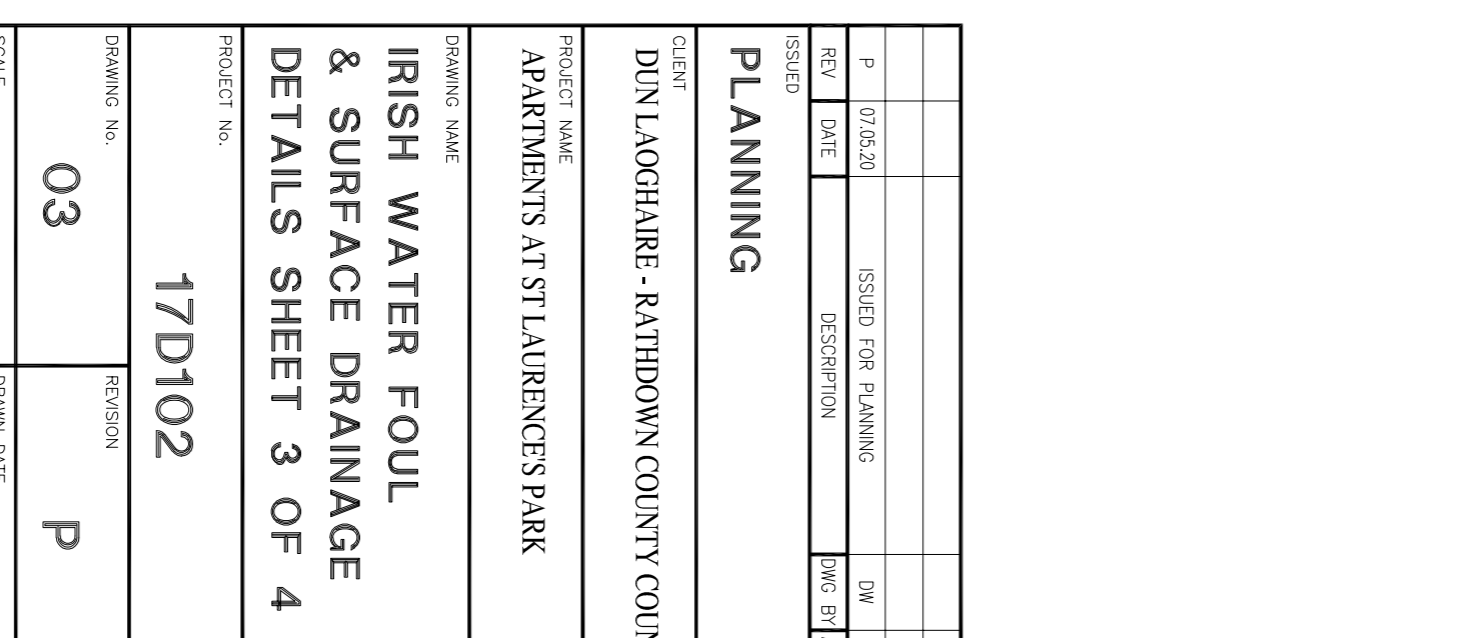
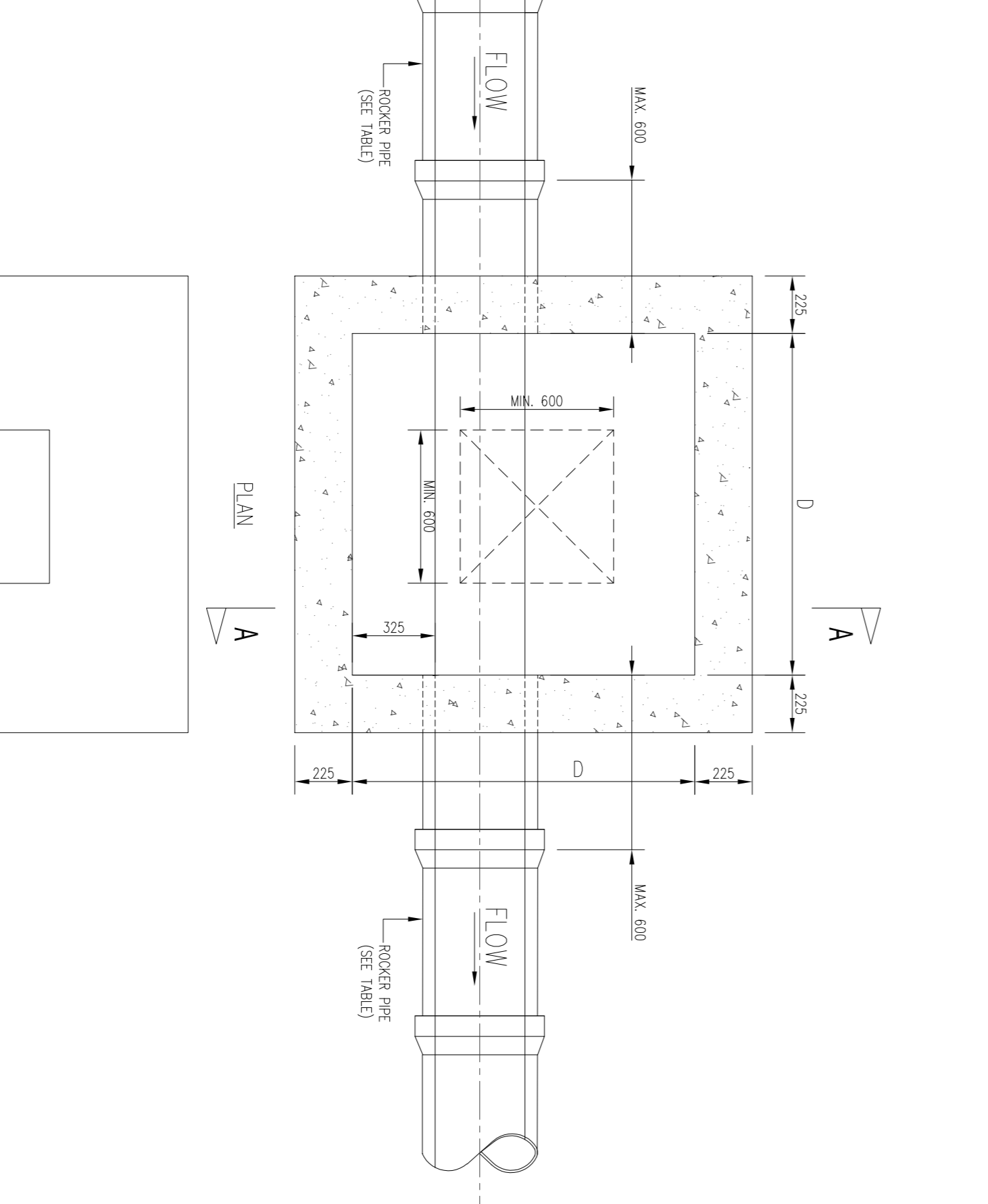
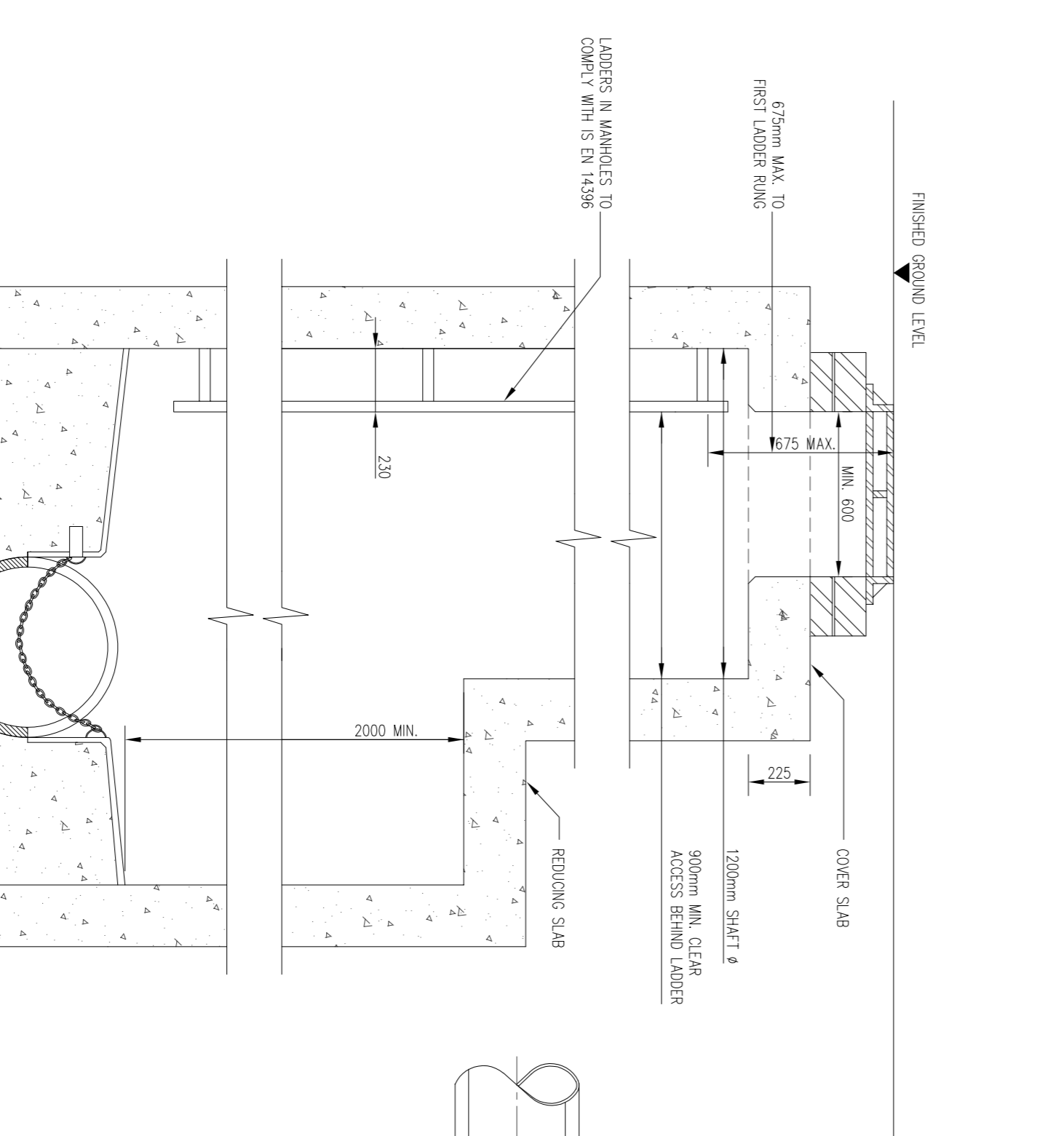
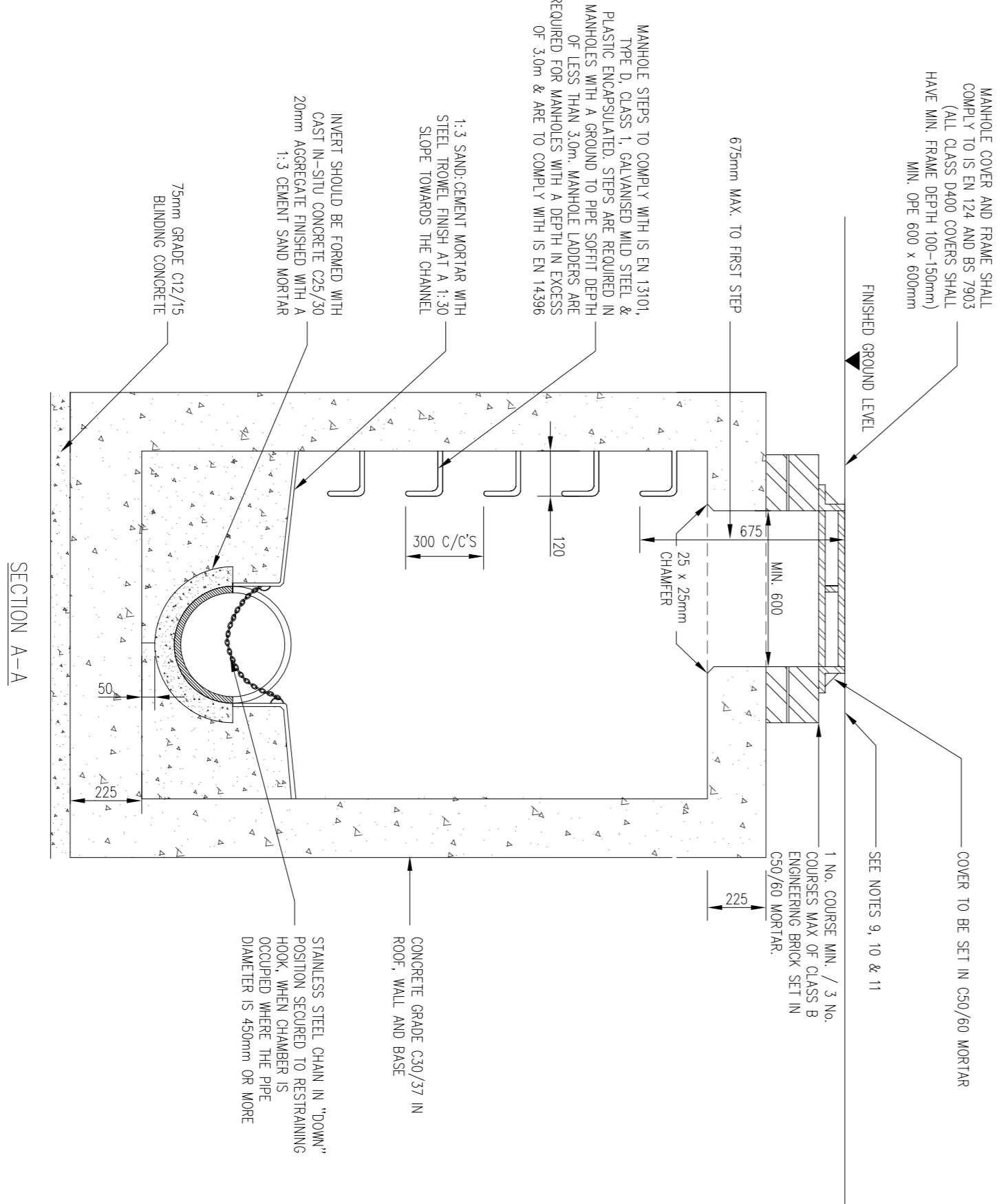


TYPE No.2
150mm - 450mm Ø (N.C.) PIPE GREATER THAN 900mm AND LESS THAN 1700mm
500mm - 900mm Ø (N.C.) PIPE GREATER THAN 1300mm AND LESS THAN 2300mm



TYPE No.3
150mm - 450mm Ø (N.C.) PIPE GREATER THAN 600mm AND LESS THAN 900mm
500mm - 900mm Ø (N.C.) PIPE GREATER THAN 600mm AND LESS THAN 1300mm

DETAIL 10 - BACKDROP MANHOLES



| 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 |

MANHOLE COVER AND FRAME SHALL COMPLY TO IS EN 124 AND BS 7903 HAVE MIN. FRAME DEPTH 100-150mm MIN. OPE 600 x 600mm

FINISHED GROUND LEVEL

COVER TO BE SET IN C50/60 WORKPAC

1. No. CONCRETE UN. / 7. No. COURSES OF C15/S1 ENGINEERING BRICK SET IN C50/60 WORKPAC.

SEE NOTES 9, 10 & 11

7.5m GRADE C25/30 BLINDING CONCRETE

1.5 SAND CEMENT MORTAR WITH STEEL TRAGAL FINISH AT A 1:30 SLOPE TOWARDS THE CHAMBER

25mm CONCRETE SURROUND

25 x 25mm CHAMBER

120mm GAP

675mm MAX. TO FIRST STEP

MIN. 600

25 x 25mm CHAMBER

120

C/C'S

300

CONCRETE GRADE C15/7 IN ROOF, WALL AND BASE

STAINLESS STEEL CHAIN IN 'WORK' POSITION SECURED TO RESTRAINING HOOK, WHEN CHAMBER IS OCCUPIED WHERE THE PIPE DIAMETER IS 500mm OR MORE

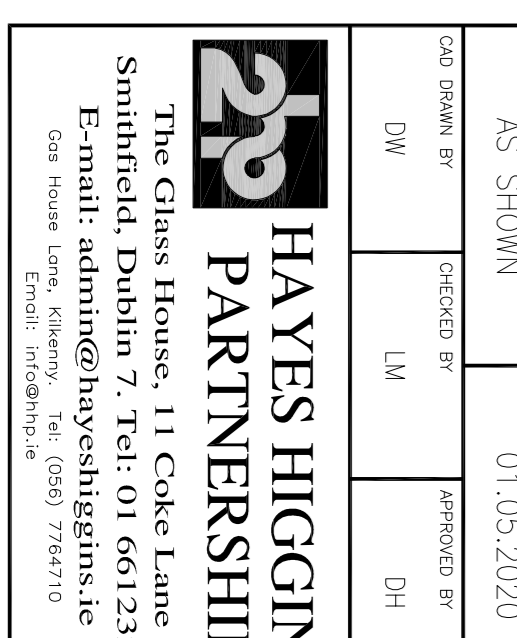
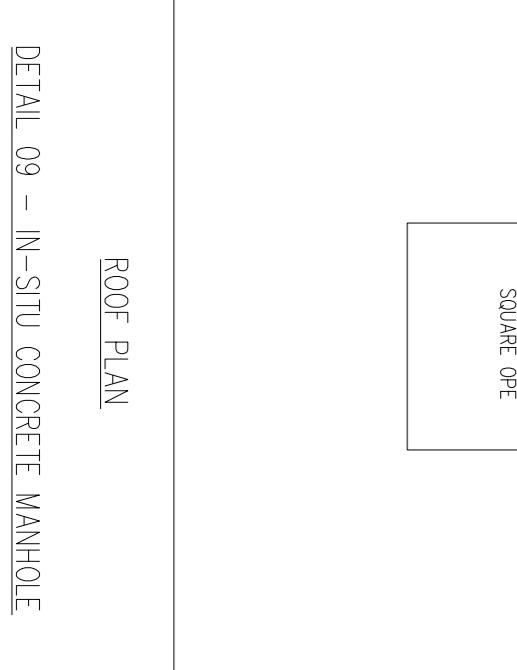
MANHOLE DETAIL > 3m & < 6m GROUND TO PIPE SOFFIT DEPTH (NOTE: ON MANHOLES < 1.5m SHAFT DIMENSION, REDUCING SLAB NOT TO BE USED & SHAFT TO CONTINUE UP TO COVER SLAB)

ROCKER PIPE LENGTH

MINIMUM MANHOLE DIMENSIONS 'D'

DIAMETER OF LARGEST PIPE IN MANHOLE (mm)

INTERNAL DIMENSION OF MANHOLE (mm)



HAYES HIGGINS PARTNERSHIP

The Glass House, 11 Coke Lane
Smithfield, Dublin 7. Tel: 01 6612321
E-mail: admin@hayeshiggins.ie
Old House Lane, Kildenny, Tel: (056) 7764710
Email: info@higginshayes.ie

| | | |
|-------------|---------------|--------------|
| ISSUED BY | ISSUED DATE | ISSUED FOR |
| DESIGNED BY | DESIGNED DATE | DESIGNED FOR |
| CHECKED BY | CHECKED DATE | CHECKED FOR |
| APPROVED BY | APPROVED DATE | APPROVED FOR |

SCALE: AS SHOWN

PROJECT No: 17D102

REGION: P

DRIVING No: 03

DATE: 01.05.2020

CLIENT: DUN LAOGHAIRE - RATHDOWN COUNTY COUNCIL

PROJECT NAME: APARTMENTS AT ST. LAURENCE'S PARK

DRAWING NAME: IRISH WATER FOUL & SURFACE DRAINAGE DETAILS SHEET 3 OF 4