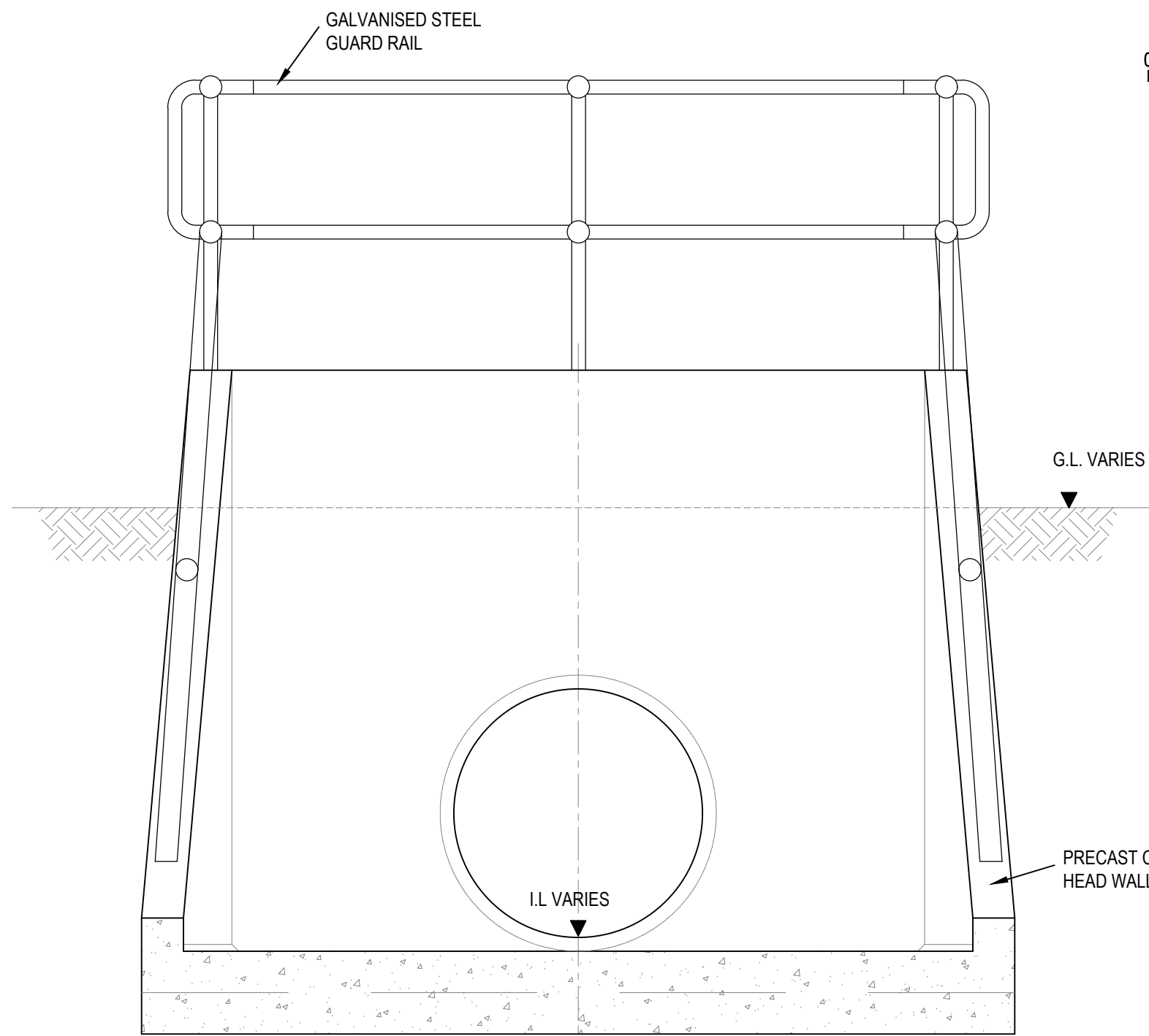
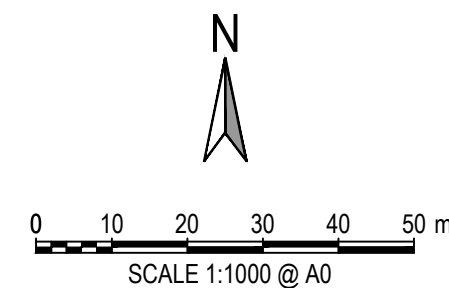
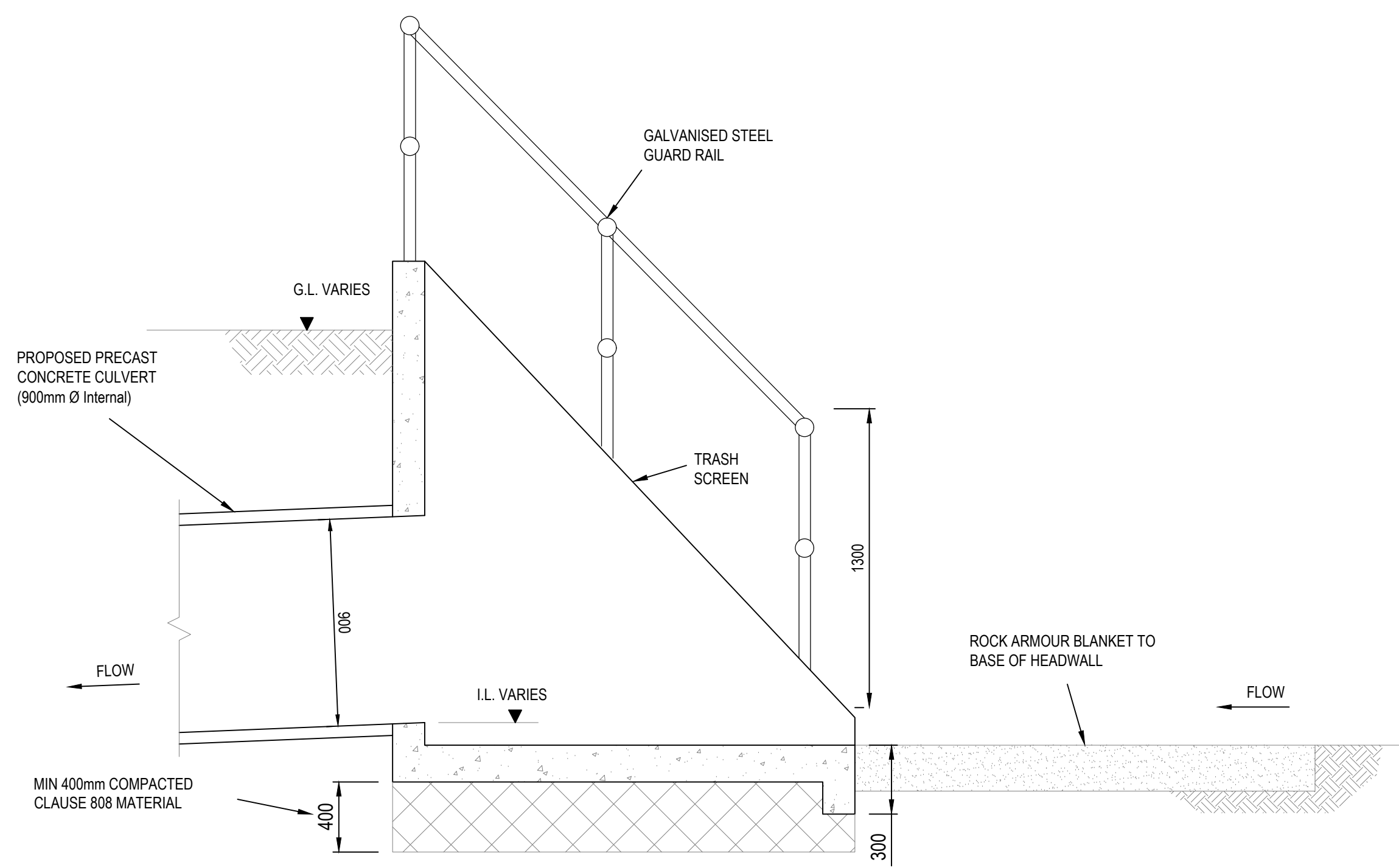


- NOTES:**
- DO NOT SCALE OFF THIS DRAWING. ALWAYS WORK TO NOTED DIMENSIONS.
 - ALL DIMENSIONS MUST BE VERIFIED ON SITE BEFORE COMMENCING WORK. DISCREPANCIES MUST BE REPORTED TO THE ENGINEER.
 - THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER SITE PLANS, DRAWINGS, REPORTS AND SPECIFICATIONS.
 - REFER TO ARCHITECT'S DRAWINGS FOR ALL SITE & APPLICATION REQUIREMENTS.
 - REFER TO SURVEY DRAWINGS FOR EXISTING SERVICES LAYOUTS AND MANHOLE INFORMATION.
 - ALL EXISTING SERVICES TO BE REINSTATED OR CONSTRUCTION OF NEW SERVICES.
 - THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND LEVELS WITH ARCHITECTURAL DRAWINGS PRIOR TO START OF CONSTRUCTION. ANY DISCREPANCIES TO BE NOTIFIED TO THE ENGINEER & ARCHITECT FOR RESOLUTION.
 - CONTRACTOR TO ENSURE ALL WATER & SEWER SERVICES ARE PROTECTED IN ACCORDANCE WITH THE IRISH WATER WATER INFRASTRUCTURE & WASTE WATER INFRASTRUCTURE CODE OF PRACTICE & STANDARD DETAIL DOCUMENTS.
 - TESTING OF ALL GRAVITY BENTERS AND MANHOLES TO BE IN ACCORDANCE WITH IRISH WATER WATER INFRASTRUCTURE & WASTE WATER INFRASTRUCTURE CODE OF PRACTICE & STANDARD DETAIL DOCUMENTS.



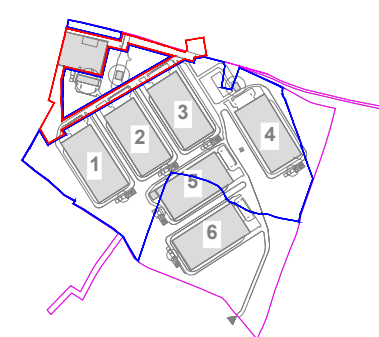
HEADWALL TYPICAL ELEVATION
SCALE: 1:20



HEADWALL TYPICAL SECTION
SCALE: 1:20

TYPICAL PRECAST HEADWALL DETAIL

KEY PLAN



Rev.	Date	Description
001	19/07/2023	ISSUED FOR INFORMATION
002	19/07/2023	ISSUED FOR PLANNING
003	19/07/2023	ISSUED FOR PLANNING
004	19/07/2023	ISSUED FOR PLANNING
005	19/07/2023	ISSUED FOR PLANNING
006	19/07/2023	ISSUED FOR PLANNING
007	19/07/2023	ISSUED FOR PLANNING
008	19/07/2023	ISSUED FOR PLANNING
009	19/07/2023	ISSUED FOR PLANNING
010	19/07/2023	ISSUED FOR PLANNING
011	19/07/2023	ISSUED FOR PLANNING
012	19/07/2023	ISSUED FOR PLANNING
013	19/07/2023	ISSUED FOR PLANNING
014	19/07/2023	ISSUED FOR PLANNING
015	19/07/2023	ISSUED FOR PLANNING
016	19/07/2023	ISSUED FOR PLANNING
017	19/07/2023	ISSUED FOR PLANNING
018	19/07/2023	ISSUED FOR PLANNING
019	19/07/2023	ISSUED FOR PLANNING
020	19/07/2023	ISSUED FOR PLANNING

PROJECT	HERBATA DATA CENTRE CAMPUS
PROJECT ADDRESS	NAAS, CO. KILDARE
DWG TITLE	PROPOSED TYPICAL DRAINAGE DETAILS SID AREA

UNO NO	2232-DOB-ZZ-ZZ-DR-C-1001
REV	S3
DATE	19/07/2023
SCALE	AS SHOWN @ A0
DRW	ME
CHECK	ME
APP	ME

PROJECT	HERBATA DATA CENTRE CAMPUS
PROJECT ADDRESS	NAAS, CO. KILDARE
DWG TITLE	PROPOSED TYPICAL DRAINAGE DETAILS SID AREA

UNO NO	2232-DOB-ZZ-ZZ-DR-C-1001
REV	S3
DATE	19/07/2023
SCALE	AS SHOWN @ A0
DRW	ME
CHECK	ME
APP	ME

PROJECT	HERBATA DATA CENTRE CAMPUS
PROJECT ADDRESS	NAAS, CO. KILDARE
DWG TITLE	PROPOSED TYPICAL DRAINAGE DETAILS SID AREA

UNO NO	2232-DOB-ZZ-ZZ-DR-C-1001
REV	S3
DATE	19/07/2023
SCALE	AS SHOWN @ A0
DRW	ME
CHECK	ME
APP	ME

PROJECT	HERBATA DATA CENTRE CAMPUS
PROJECT ADDRESS	NAAS, CO. KILDARE
DWG TITLE	PROPOSED TYPICAL DRAINAGE DETAILS SID AREA

UNO NO	2232-DOB-ZZ-ZZ-DR-C-1001
REV	S3
DATE	19/07/2023
SCALE	AS SHOWN @ A0
DRW	ME
CHECK	ME
APP	ME

PROJECT	HERBATA DATA CENTRE CAMPUS
PROJECT ADDRESS	NAAS, CO. KILDARE
DWG TITLE	PROPOSED TYPICAL DRAINAGE DETAILS SID AREA

UNO NO	2232-DOB-ZZ-ZZ-DR-C-1001
REV	S3
DATE	19/07/2023
SCALE	AS SHOWN @ A0
DRW	ME
CHECK	ME
APP	ME

PROJECT	HERBATA DATA CENTRE CAMPUS
PROJECT ADDRESS	NAAS, CO. KILDARE
DWG TITLE	PROPOSED TYPICAL DRAINAGE DETAILS SID AREA

UNO NO	2232-DOB-ZZ-ZZ-DR-C-1001
REV	S3
DATE	19/07/2023
SCALE	AS SHOWN @ A0
DRW	ME
CHECK	ME
APP	ME

PROJECT	HERBATA DATA CENTRE CAMPUS
PROJECT ADDRESS	NAAS, CO. KILDARE
DWG TITLE	PROPOSED TYPICAL DRAINAGE DETAILS SID AREA

UNO NO	2232-DOB-ZZ-ZZ-DR-C-1001
REV	S3
DATE	19/07/2023
SCALE	AS SHOWN @ A0
DRW	ME
CHECK	ME
APP	ME

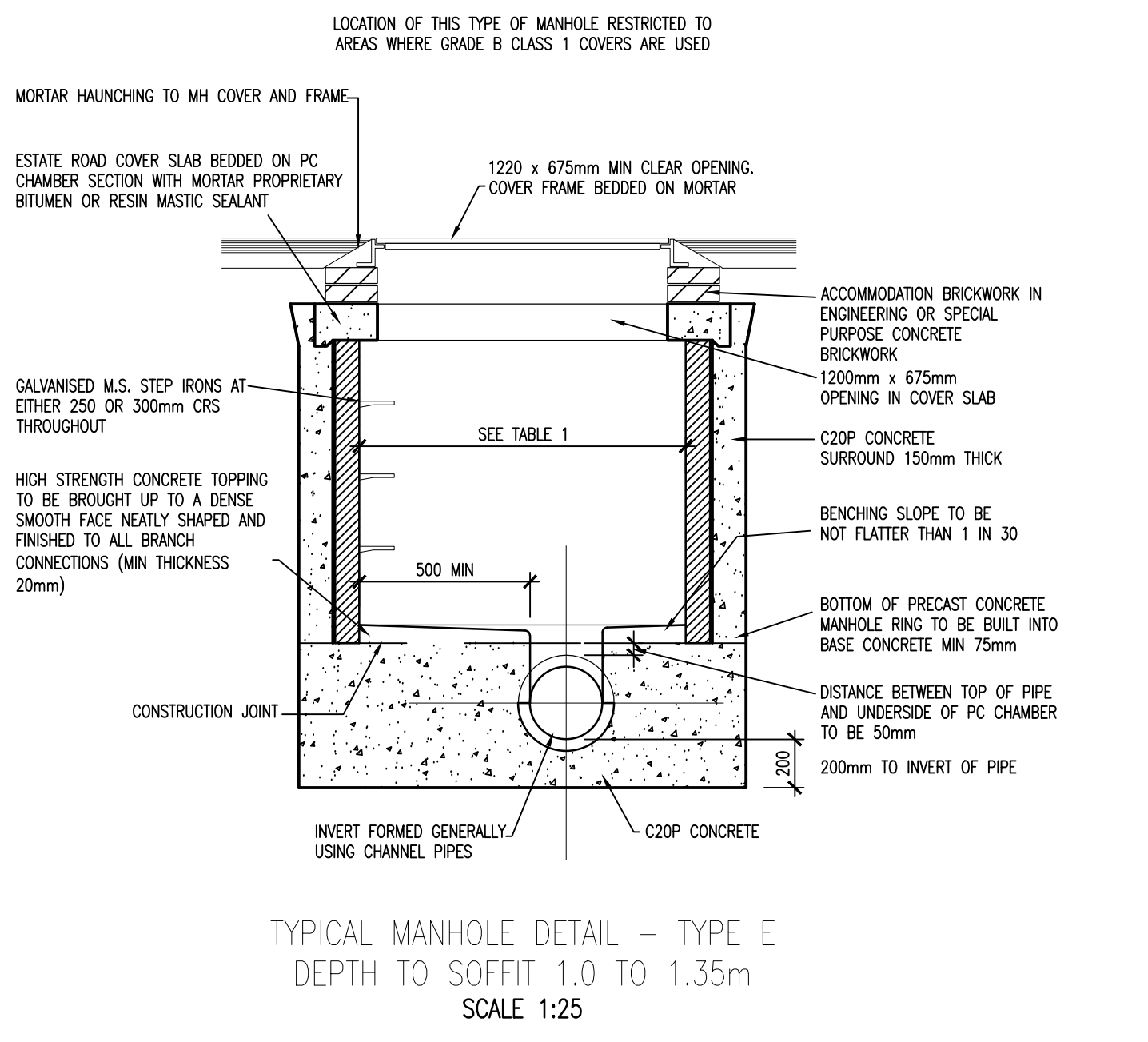
PROJECT	HERBATA DATA CENTRE CAMPUS
PROJECT ADDRESS	NAAS, CO. KILDARE
DWG TITLE	PROPOSED TYPICAL DRAINAGE DETAILS SID AREA

UNO NO	2232-DOB-ZZ-ZZ-DR-C-1001
REV	S3
DATE	19/07/2023
SCALE	AS SHOWN @ A0
DRW	ME
CHECK	ME
APP	ME

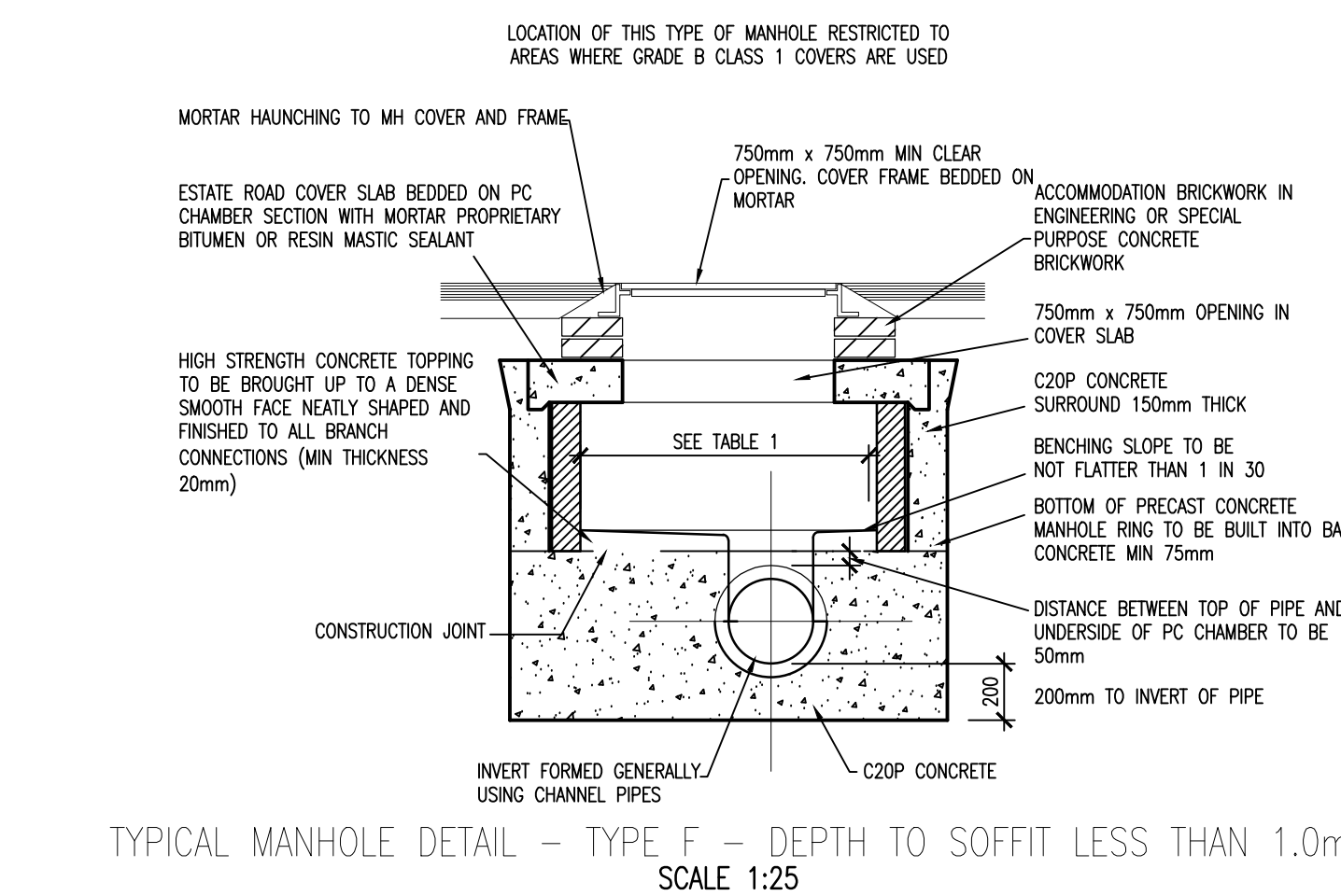
PROJECT	HERBATA DATA CENTRE CAMPUS
PROJECT ADDRESS	NAAS, CO. KILDARE
DWG TITLE	PROPOSED TYPICAL DRAINAGE DETAILS SID AREA

UNO NO	2232-DOB-ZZ-ZZ-DR-C-1001
REV	S3
DATE	19/07/2023
SCALE	AS SHOWN @ A0
DRW	ME
CHECK	ME
APP	ME

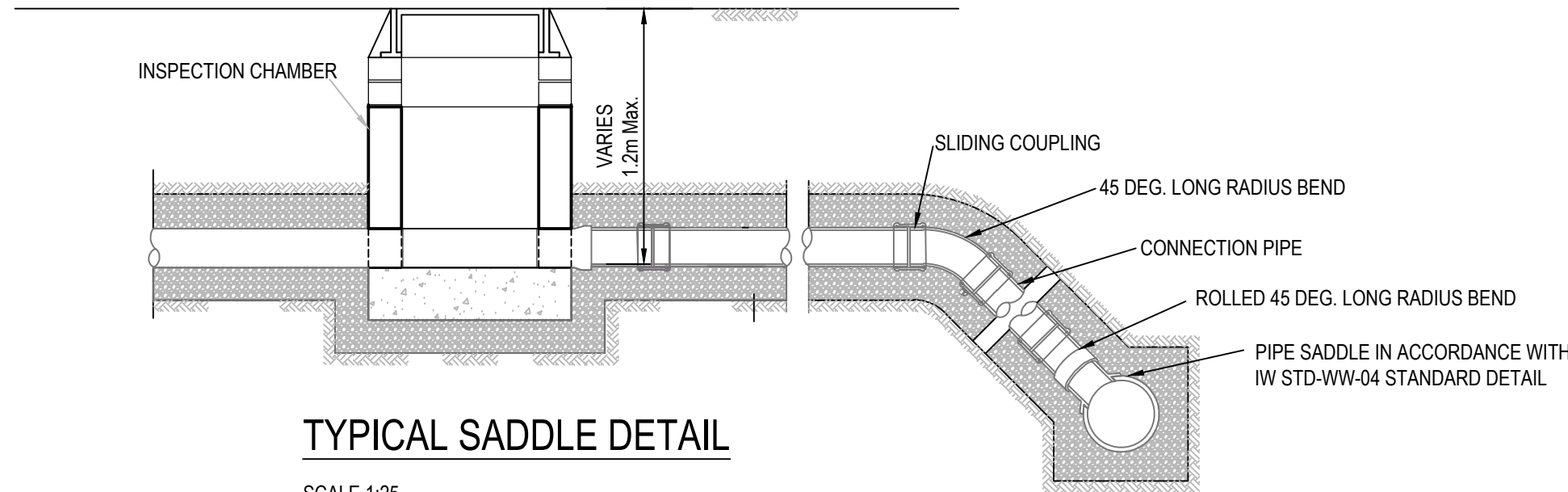
PROJECT	HERBATA DATA CENTRE CAMPUS
PROJECT ADDRESS	NAAS, CO. KILDARE
DWG TITLE	PROPOSED TYPICAL DRAINAGE DETAILS SID AREA



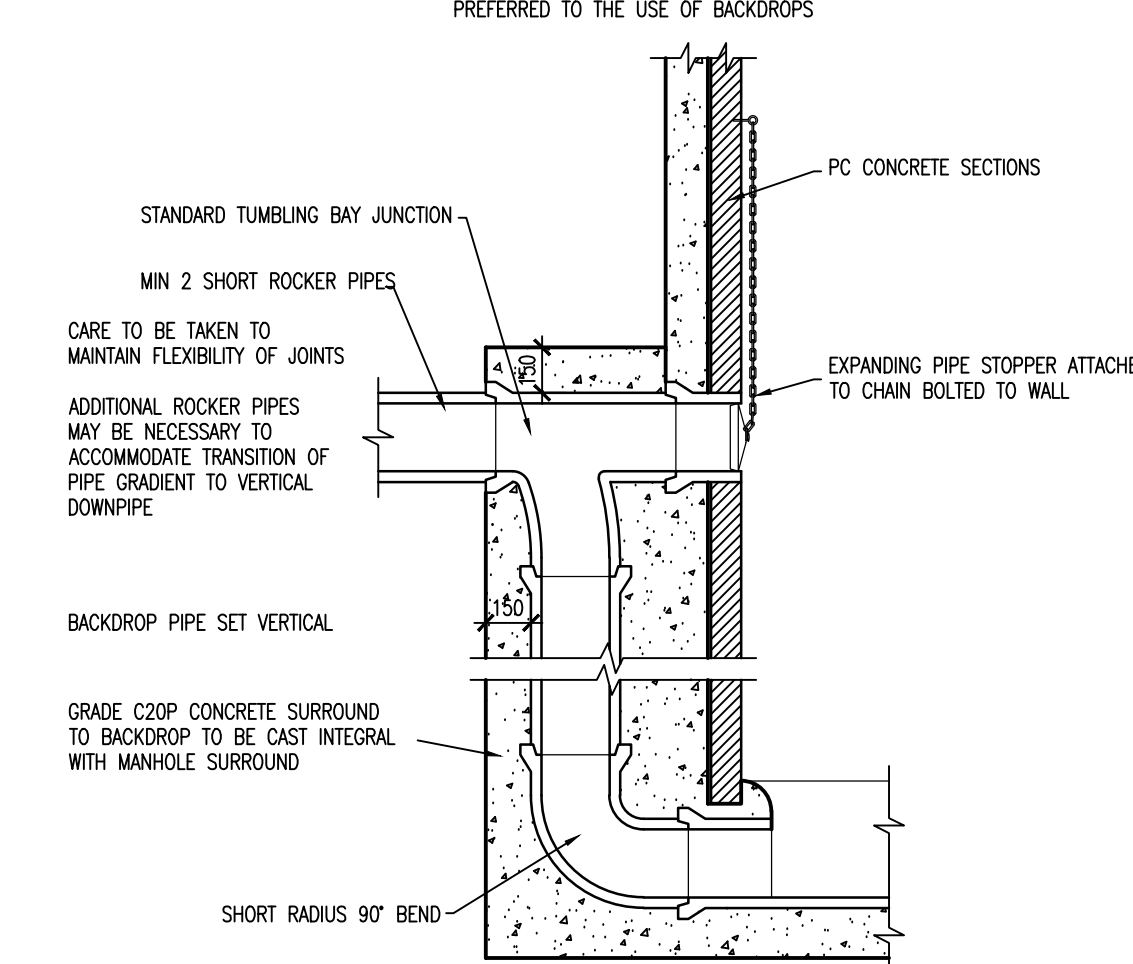
TYPICAL MANHOLE DETAIL - TYPE E
DEPTH TO SOFFIT 1.0 TO 1.35m
SCALE 1:25



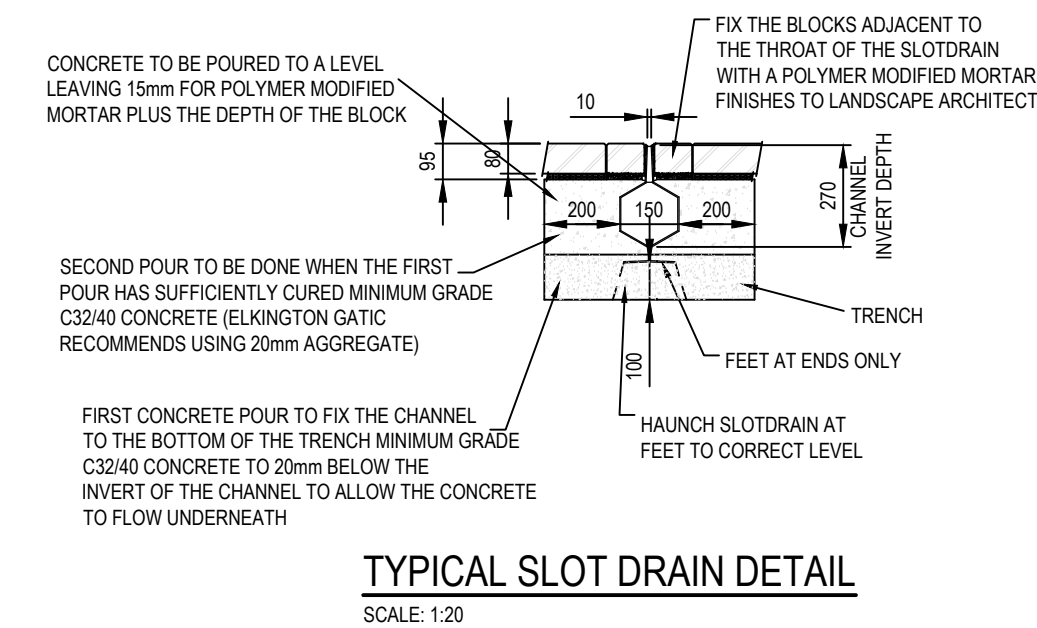
TYPICAL MANHOLE DETAIL - TYPE F - DEPTH TO SOFFIT LESS THAN 1.0m
SCALE 1:25



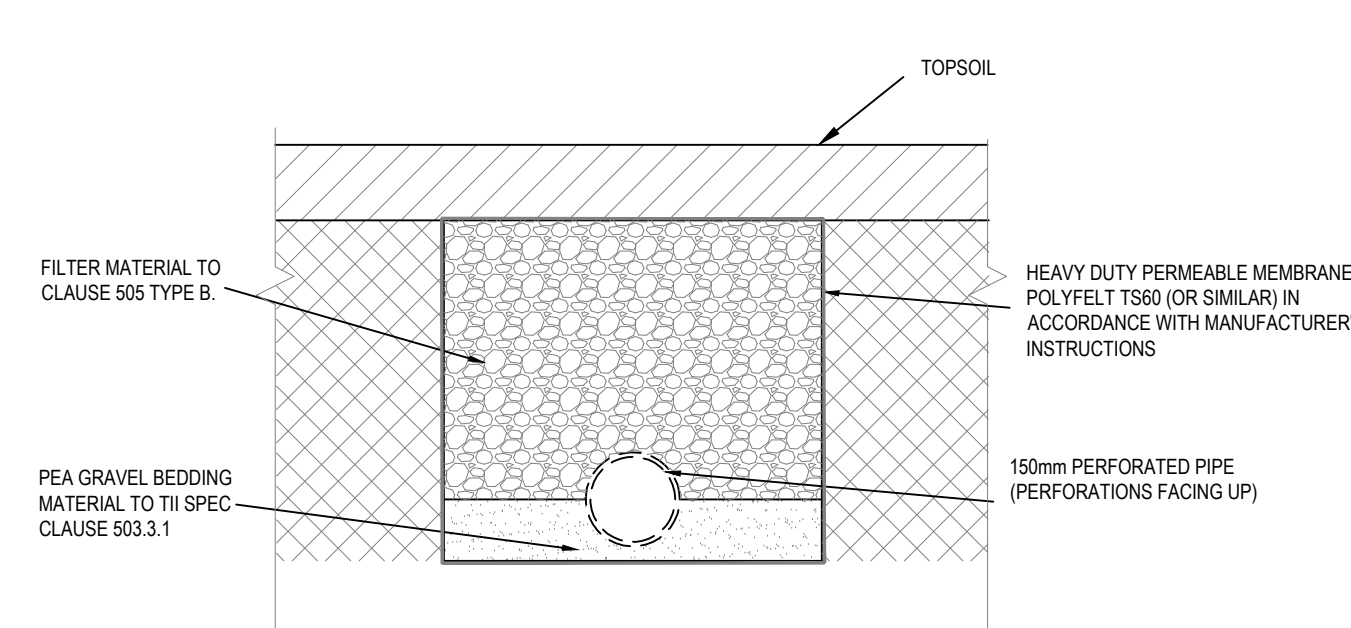
TYPICAL SADDLE DETAIL
SCALE 1:25



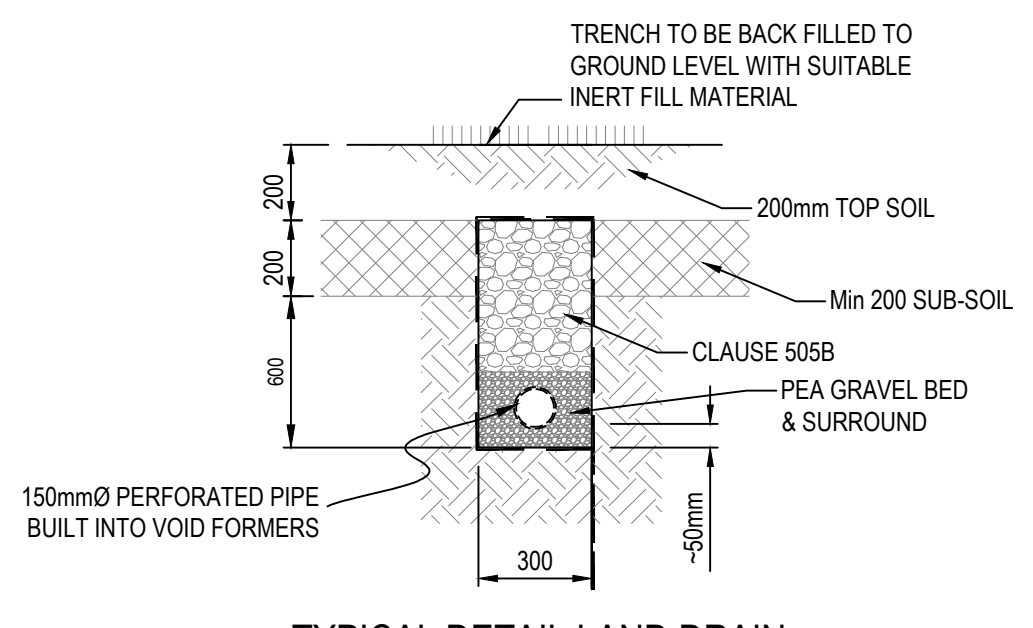
TYPICAL VERTICAL BACKDROP DETAIL
SCALE 1:25



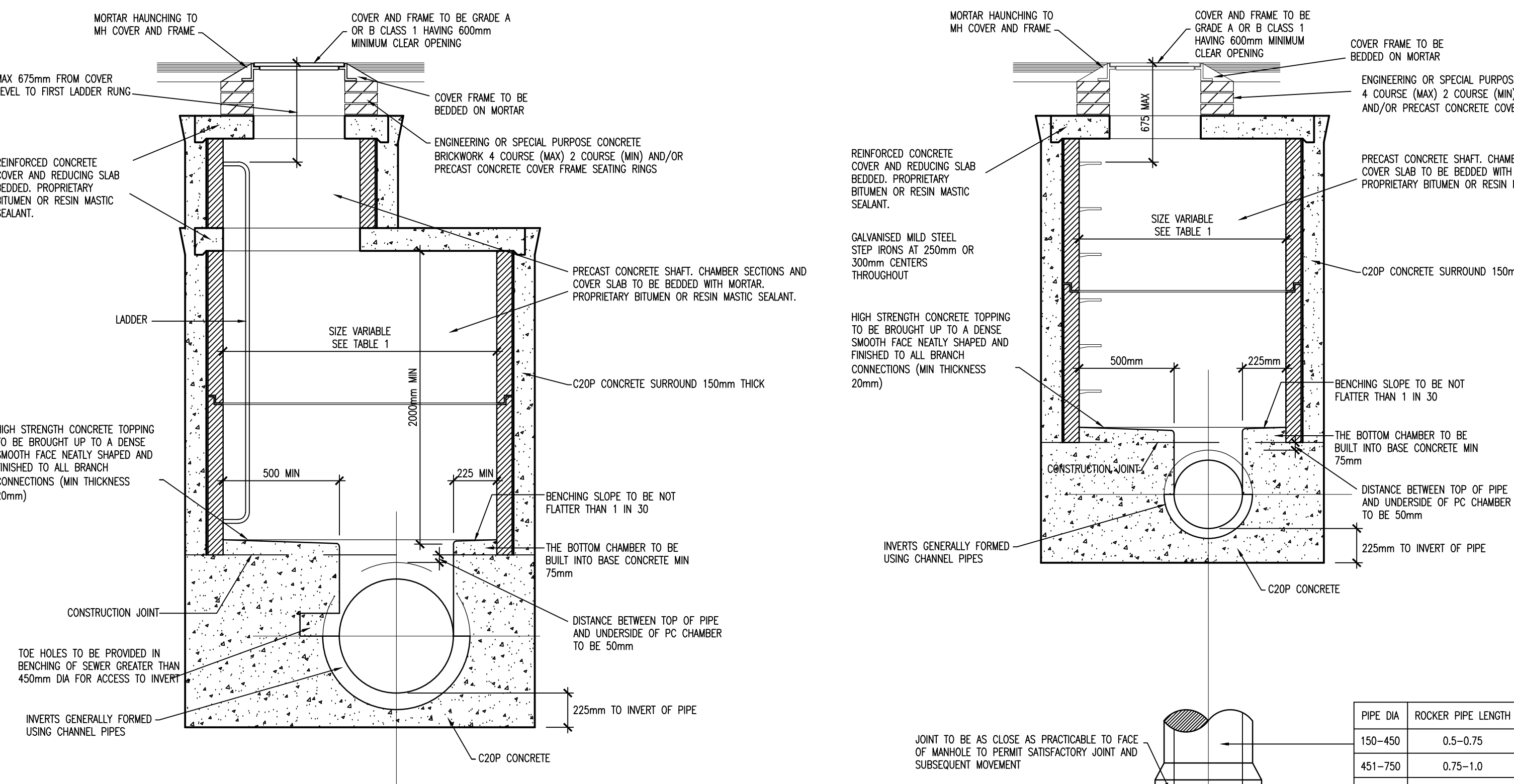
TYPICAL SLOT DRAIN DETAIL
SCALE 1:20



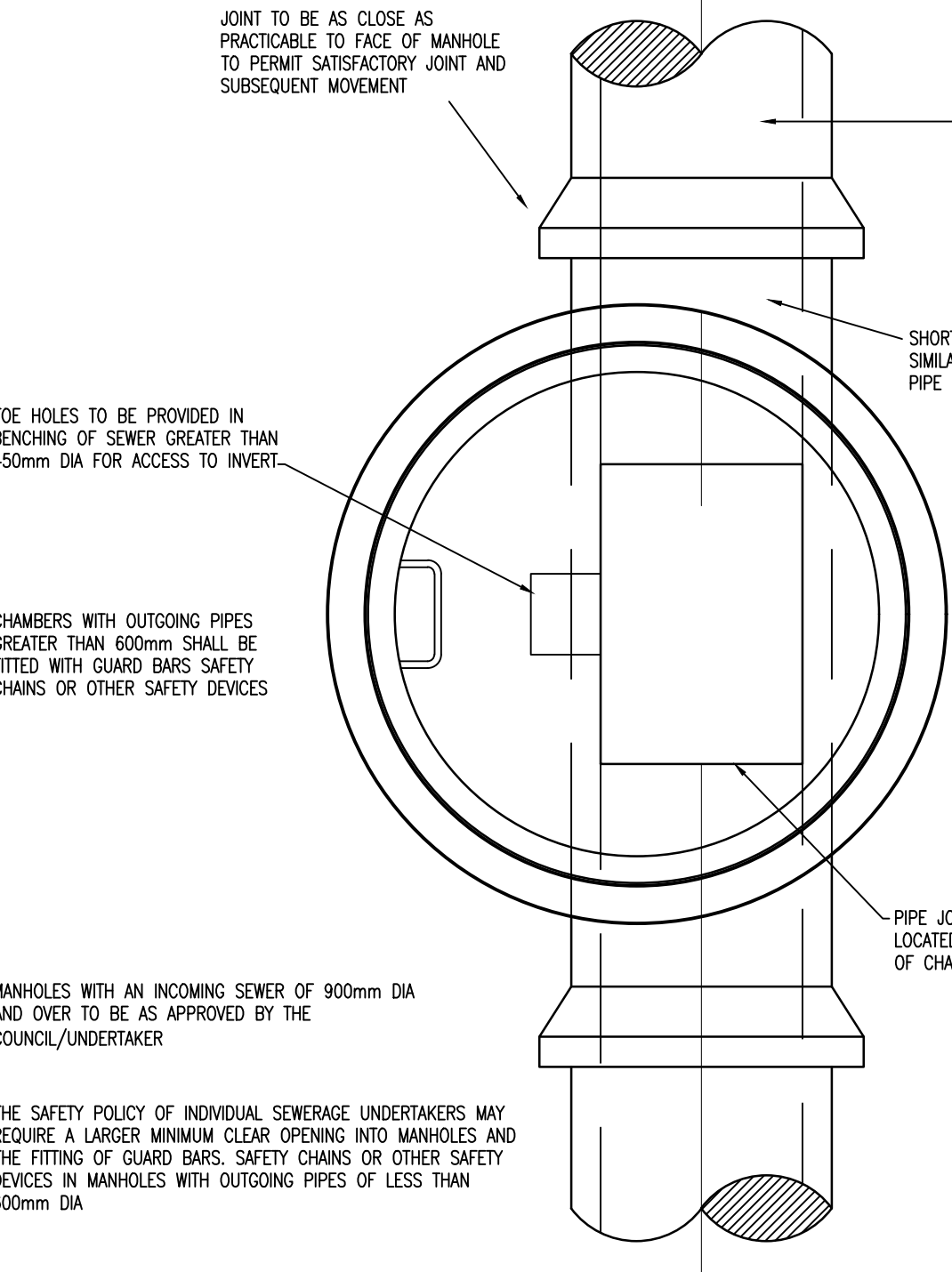
TYPICAL DETAIL OF INFILTRATION TRENCH
SCALE 1:20



TYPICAL DETAIL LAND DRAIN
SCALE 1:20



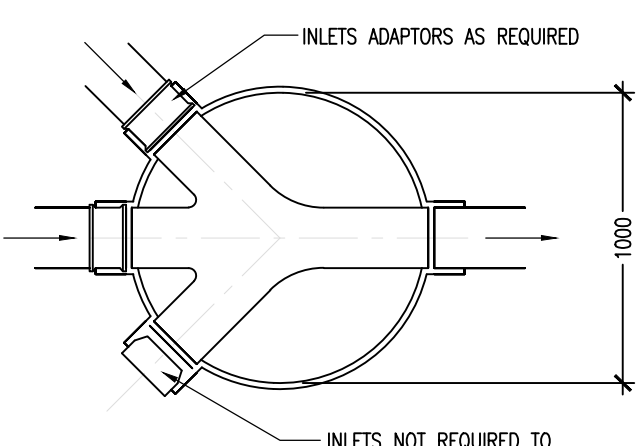
PIPE DIA	ROCKER PIPE LENGTH
150-450	0.5-0.75
451-750	0.75-1.0
750	SEEK GUIDANCE



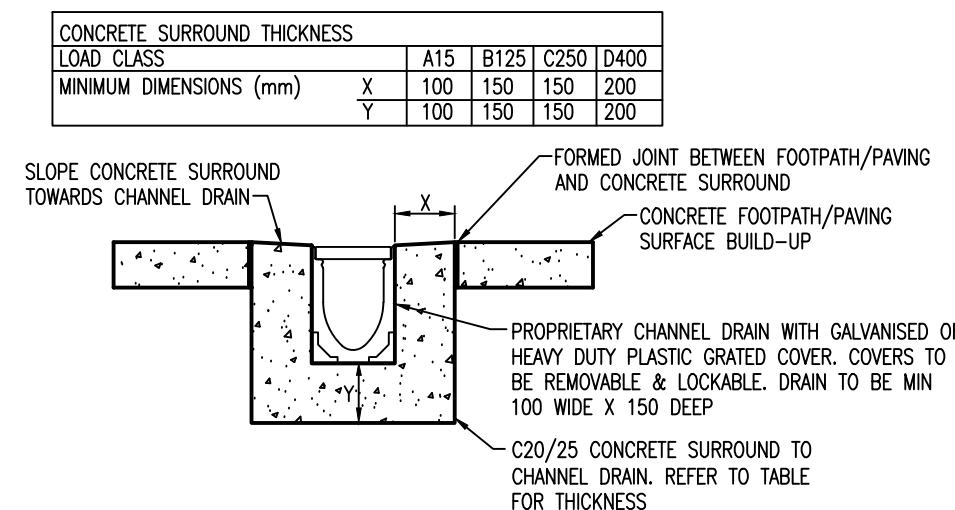
TYPICAL MANHOLE DETAIL - TYPE B
DEPTH TO SOFFIT 1.35 TO 3m
SCALE 1:25

DIAMETER OF LARGEST PIPE IN MANHOLE (mm)	CHAMBER SECTION DIAMETER (mm)
LESS THAN 375	1200 (1050 WHERE DEPTH TO SOFFIT IS 1.35m - 1.5m)
375 - 450	1350
450 - 700	1500
700 - 900	1800

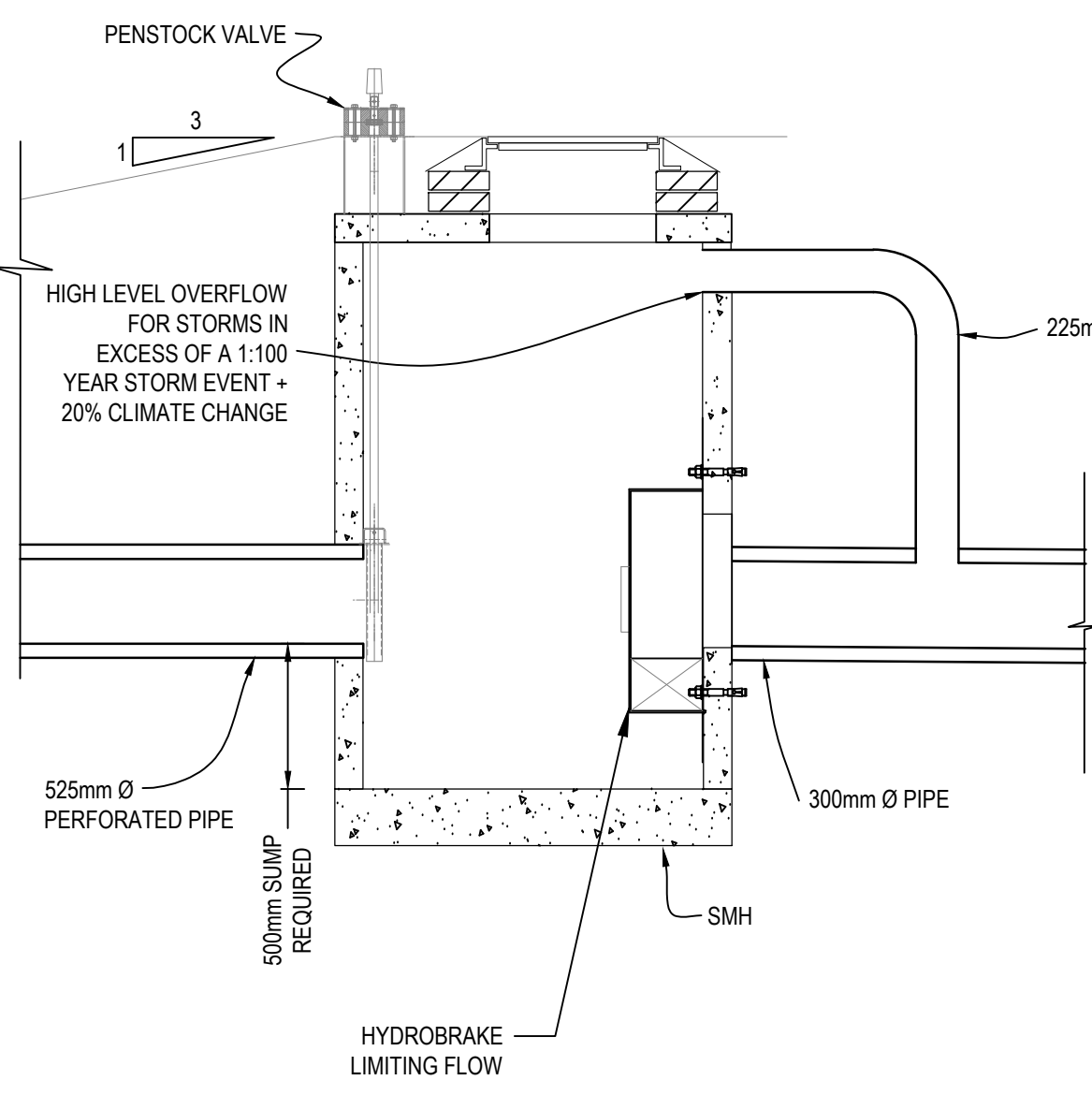
TABLE 1



TYPICAL INSPECTION CHAMBER
SCALE 1:25



TYPICAL CHANNEL DRAIN
SCALE 1:25



TYPICAL PENSTOCK VALVE DETAIL
SCALE 1:25