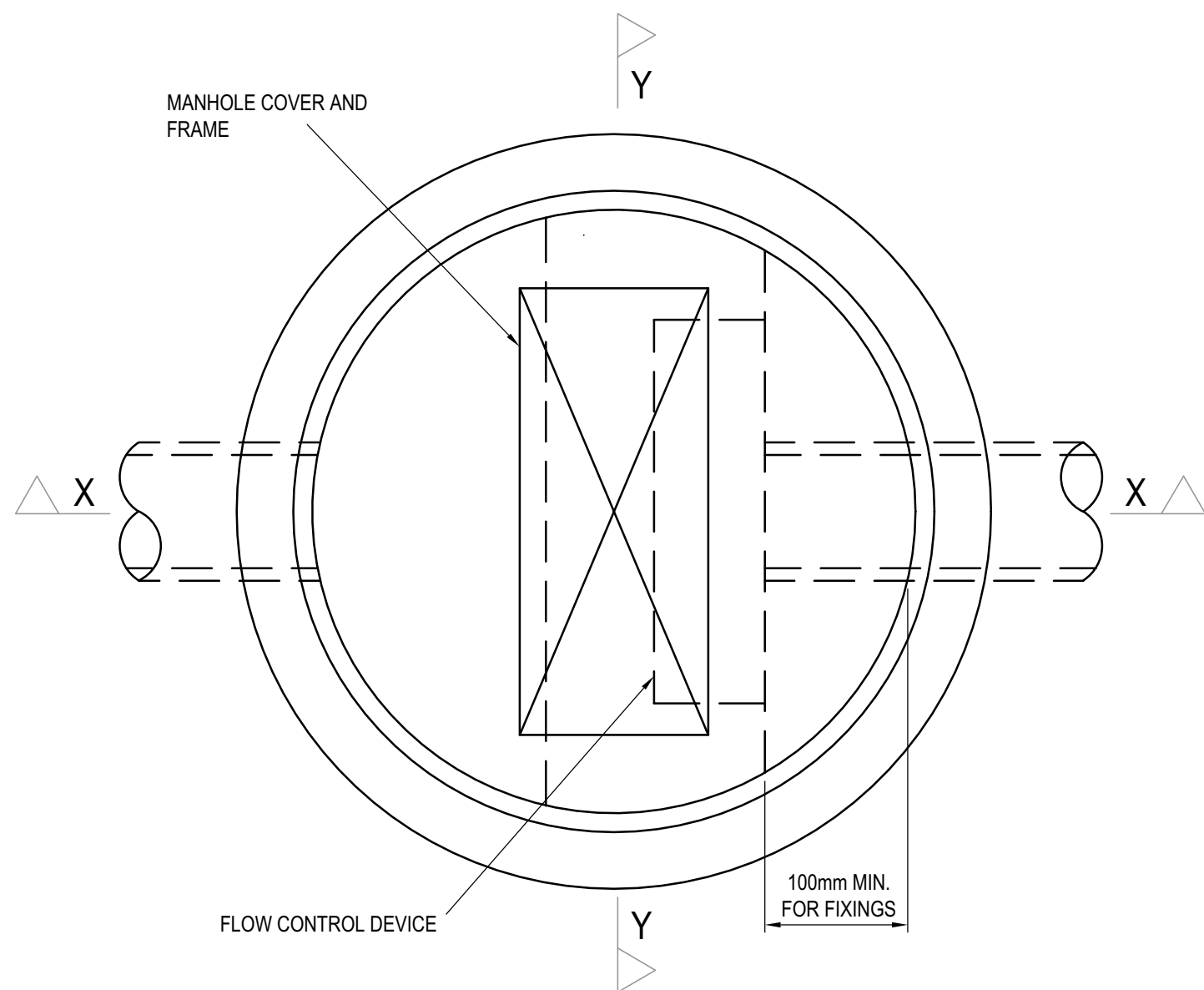


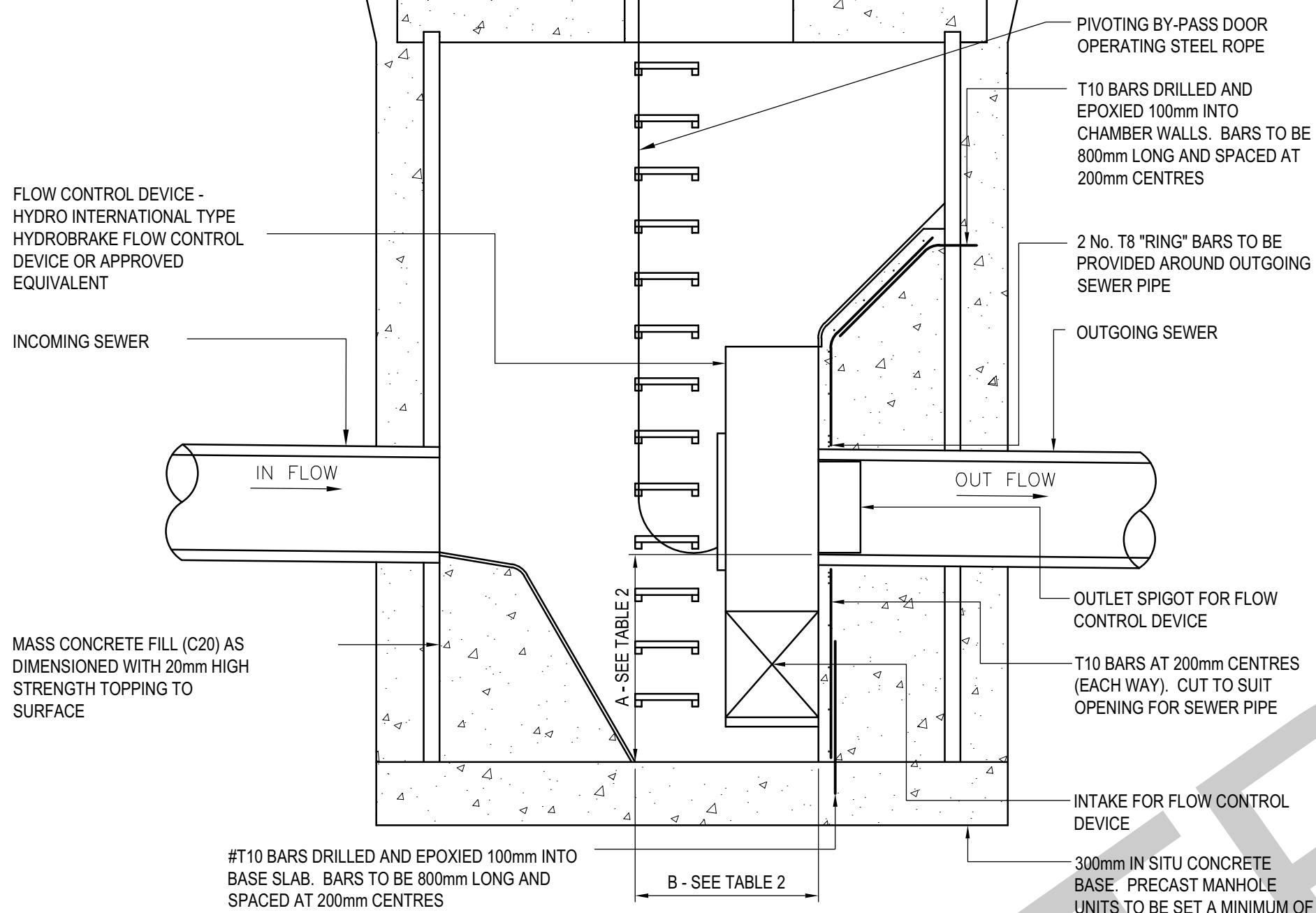


MANHOLE WITH VORTEX FLOW CONTROL - PLAN DETAIL MANHOLE

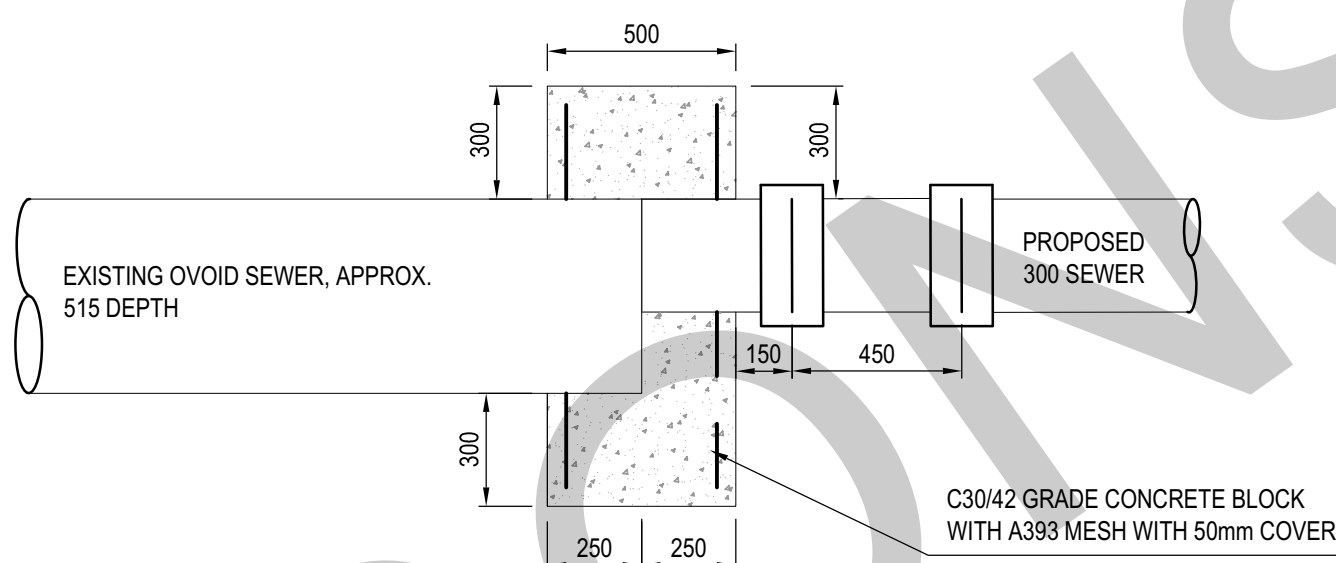
GAS TIGHT COVER AND FRAME TO BE BEDDED ON MORTAR. FRAME TO BE CAST IRON (MULTI PART) WITH A CLEAR INTERNAL OPENING OF 1200mm x 675mm AS LOCATED ON PLAN TO SUIT REMOVAL AND REPLACEMENT OF HYDROBRAKE

PULL HANDLE

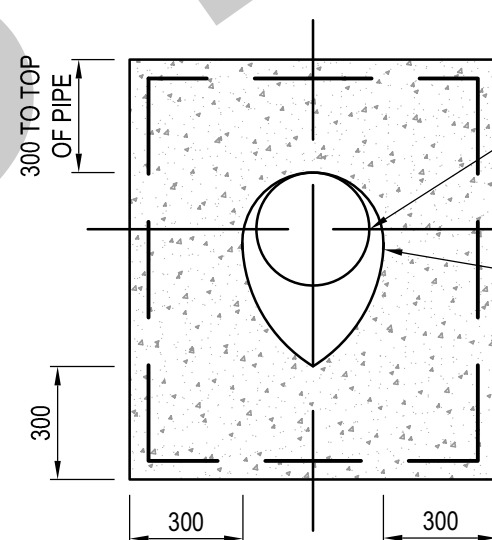
EYE BRACKET FOR OPERATING ROPE



SECTION X - X



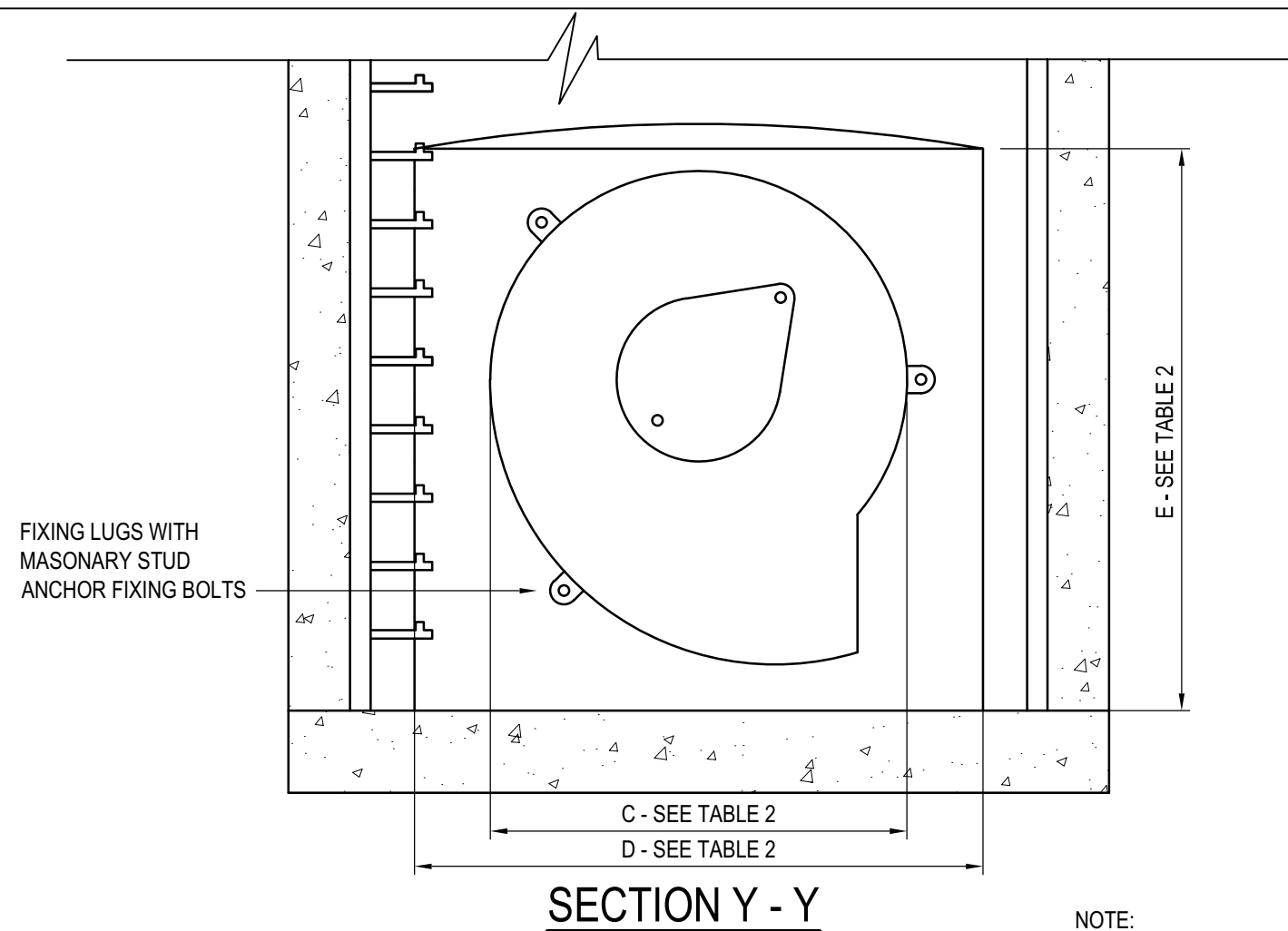
ON LINE ELEVATION



ELEVATION

PROPOSED CONNECTION TO EXISTING SEWER AT MILLER ST

SCALE 1:20

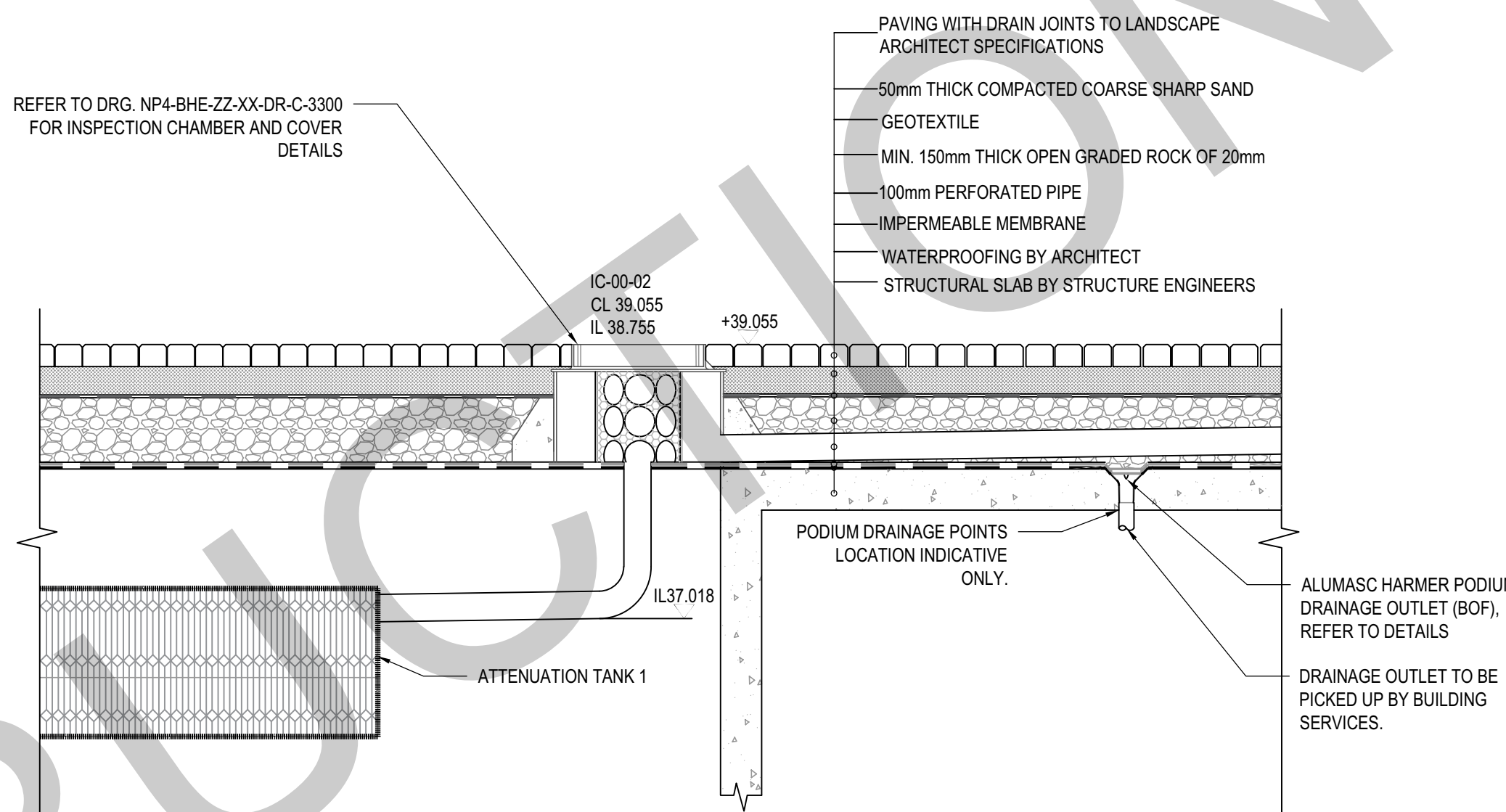


SECTION Y - Y

NOTE:
CHAMBER DIMENSIONS ARE TO BE CONFIRMED BY THE MANUFACTURER FOLLOWING SITE SPECIFIC DESIGN (HYDRO INTERNATIONAL OR APPROVED EQUIVALENT)

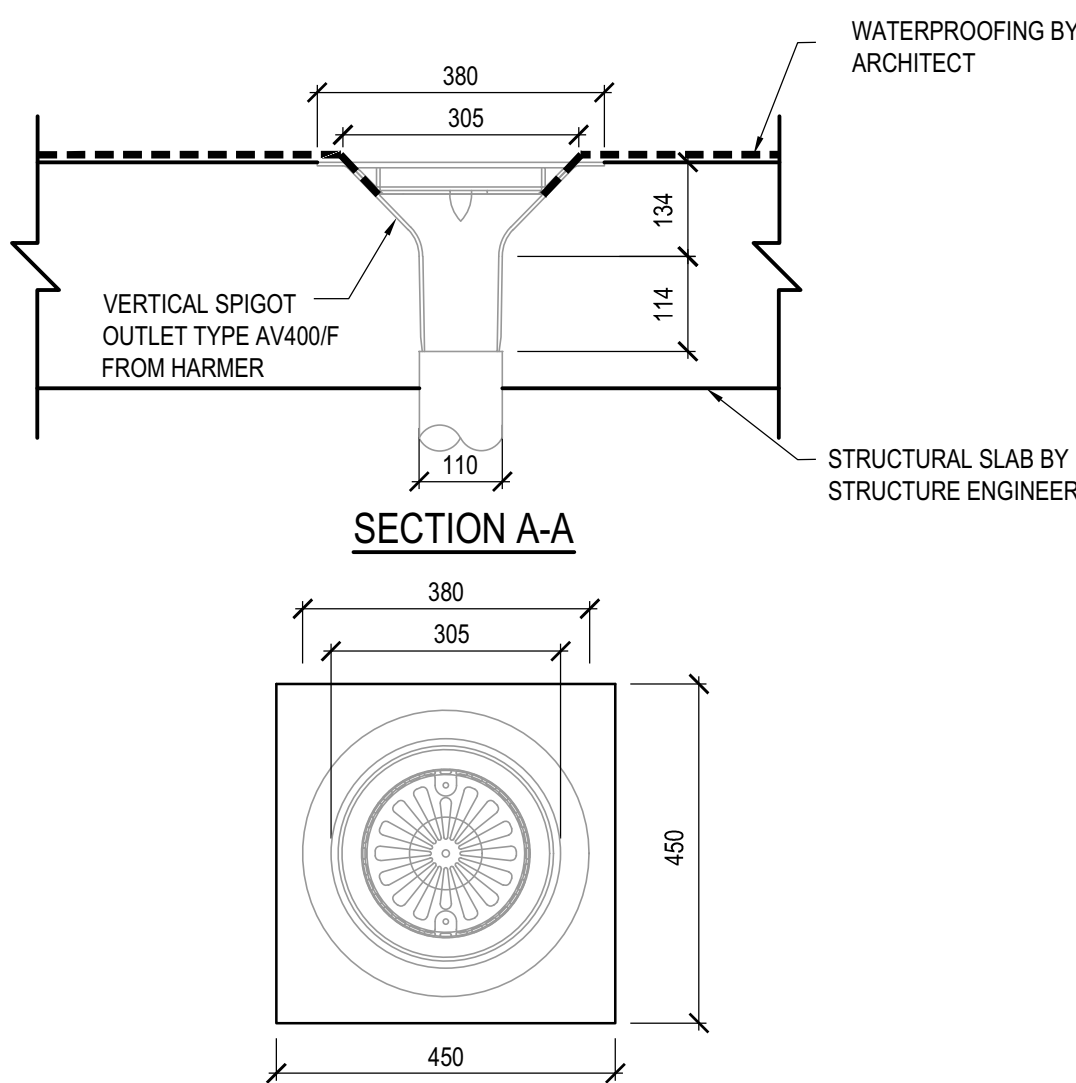
MANHOLE	DIMENSION (mm)				
	A	B	C	D	E
MHSW-00-10	315	150	425	630	770
MHSW-00-02	385	220	610	815	960

TABLE 2: DIMENSIONS FOR VORTEX FLOW CONTROL MHSW MANHOLES

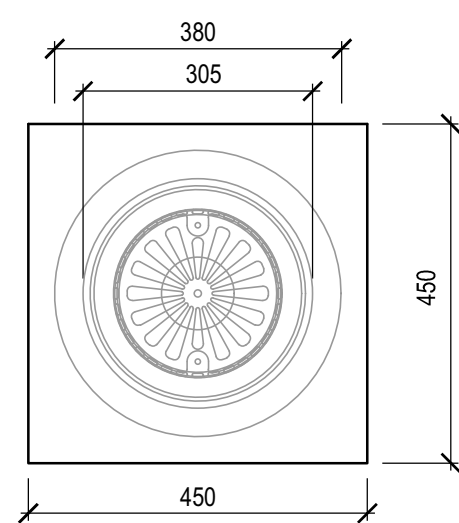


PODIUM DRAINAGE DETAIL

NOT TO SCALE



SECTION A-A



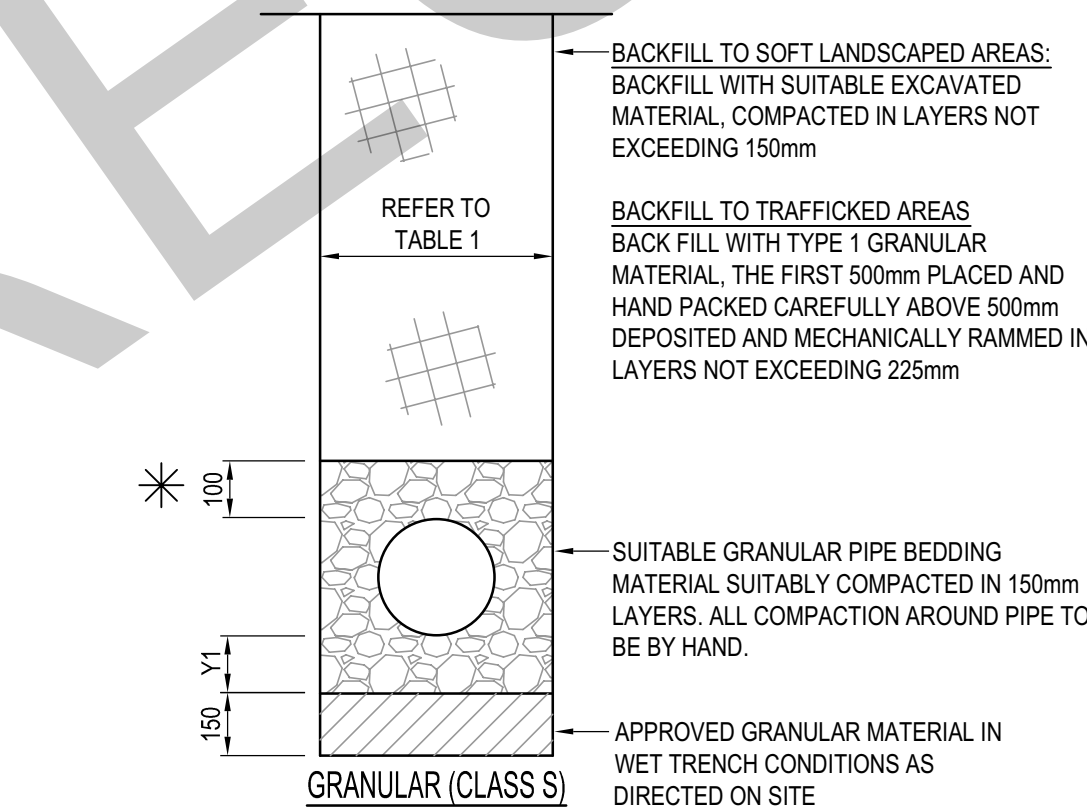
PLAN VIEW

ALUMASC HARMER COLONNADE DRAINAGE OUTLET (BOF)

NTS

PIPE DIA.	GRANULAR BEDDING			CONCRETE BEDDING		L (SEE NOTE 6).
	Y1 MIN.	Y2 MIN.	Y3 MIN.	MIN. TRENCH WIDTH	MAX. TRENCH WIDTH	
100	100	200	150	450	750	18
150	100	200	150	500	800	
225	100	200	150	600	900	
300	100	200	150	700	1000	
375	100	200	150	805	1105	
450	150	200	150	890	1190	36
525	150	200	150	975	1275	
600	150	200	150	1075	1375	
750	225	300	225	1260	1560	
1050	225	300	300	1580	1880	

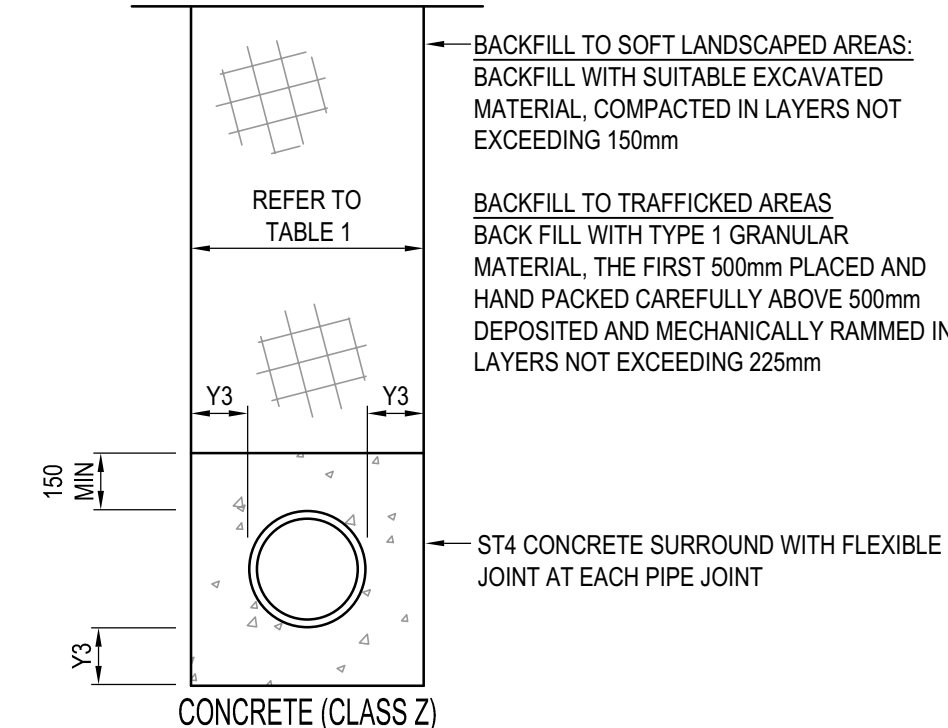
TABLE 1: DIMENSIONS FOR BEDDINGS AND TRENCH WIDTHS



>1200mm DEPTH TO SOFFIT IN ROADS AND PAVEMENTS

>900mm IN LANDSCAPED AREAS

FOR ADAPTABLE SEWER, GRANULAR SURROUND MIN. THICKNESS OF 300 ABOVE CROWN OF PIPES.

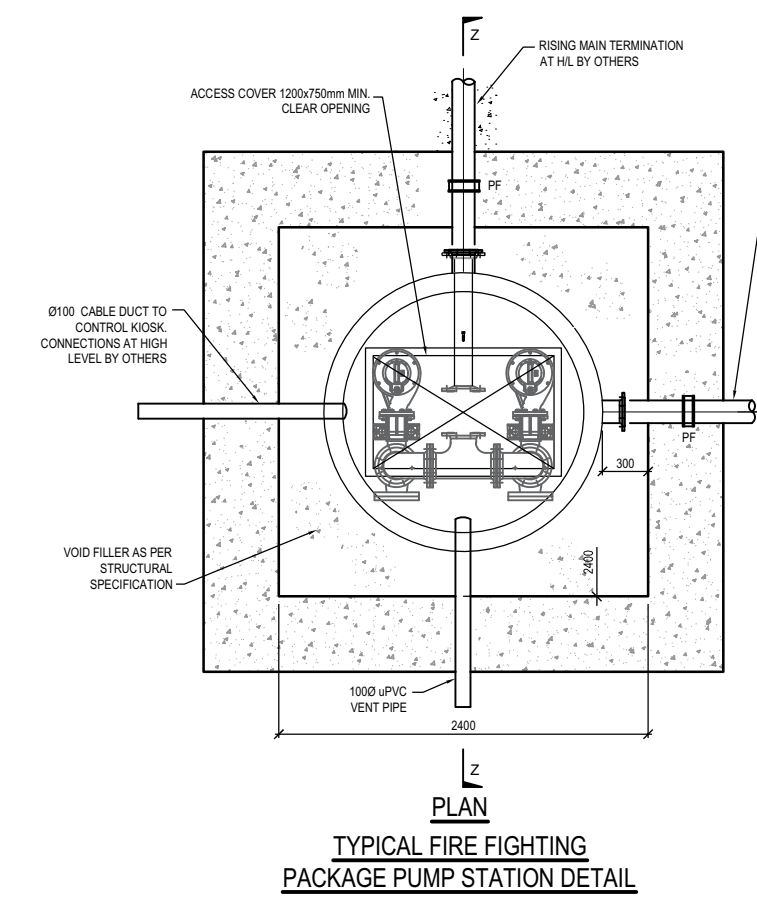


<1200mm DEPTH TO SOFFIT IN ROADS AND PAVEMENTS

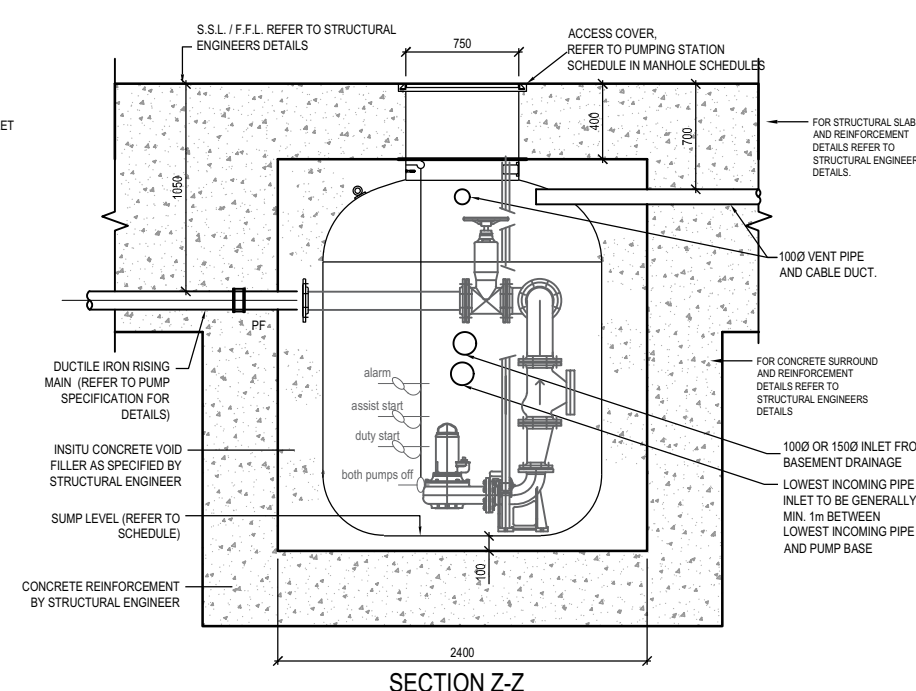
<900mm IN LANDSCAPED AREAS

EXTERNAL PIPE BEDDING DETAILS

SCALE 1:20



TYPICAL FIRE FIGHTING PACKAGE PUMP STATION DETAIL



SECTION Z-Z

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IN ADDITION TO THE HAZARDS/RISKS NORMALLY ASSOCIATED WITH THE TYPES OF WORK DETAILED ON THIS DRAWING, NOTE THE FOLLOWING	
CONSTRUCTION: • RISK OF STRIKING EXISTING UTILITIES • CONFINED SPACE	
MAINTENANCE/CLEANING/OPERATION: • BELOW GROUND SERVICES • ADJACENT TO ROAD TRAFFIC • CONFINED SPACE	
DECOMMISSIONING/DEMOLITION:	

Notes

1. TO BE READ IN CONJUNCTION WITH DRAWING NP4-BHE-ZZ-00-DR-C-3100, NP4-BHE-ZZ-LG-DR-C-3050 AND NP4-BHE-ZZ-LG-DR-C-3150.

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C02 FINAL CONSTRUCTION ISSUE	07.06.23	RB	
C01 STAGE 5 ISSUE	26.02.21	PB	
P01 STAGE 4 ISSUE	30.11.20	PB	
Rev	Description	Date	Drm

FINAL CONSTRUCTION

Status of drawing

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ENGINEERING

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UK

Architect **SIMPSON HAUGH & PARTNERS**

Project **NOMA PLOT P NOVATION**

Drg Title **DRAINAGE DETAILS**
SHEET 4

Scales@A1 1:250
Drawn by PB
Checked by NP

Job No. **0047214**
Date **NOVEMBER 2020**
Rev **C02**

Drawing No. **NP4-BHE-ZZ-XX-DR-C-3314**