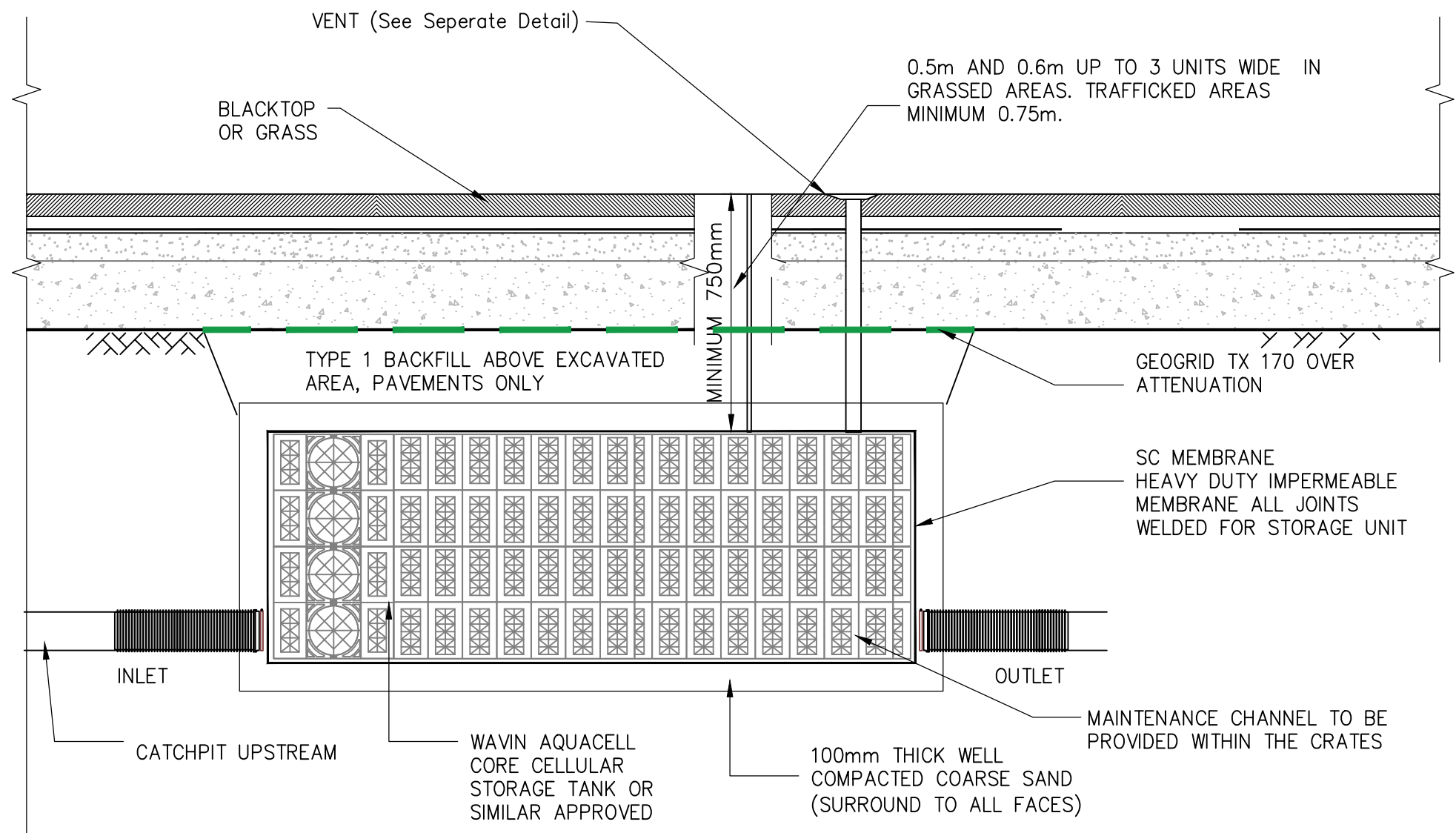


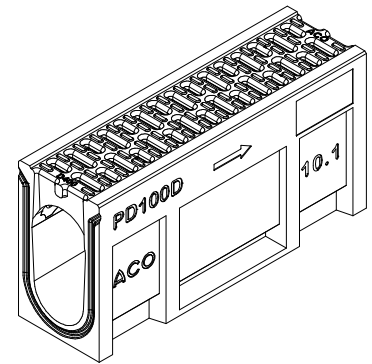


TYPICAL SECTION THROUGH STORAGE CELLS

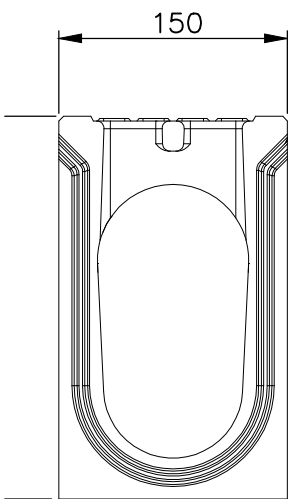
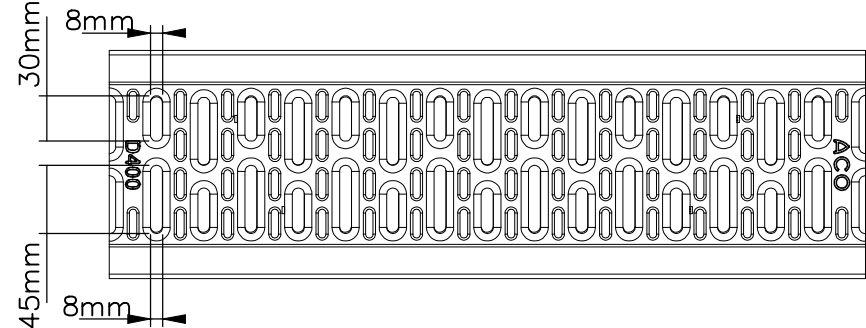
Scale 1:20

LOAD CLASS	REFER TO LAYOUT DRAWINGS
X	150
MINIMUM DIMENSIONS (mm)	Y
Z	150
MAXIMUM DIMENSIONS (mm)	Y2
Y3	35
	60

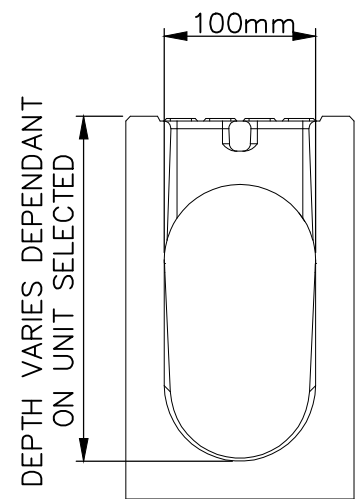
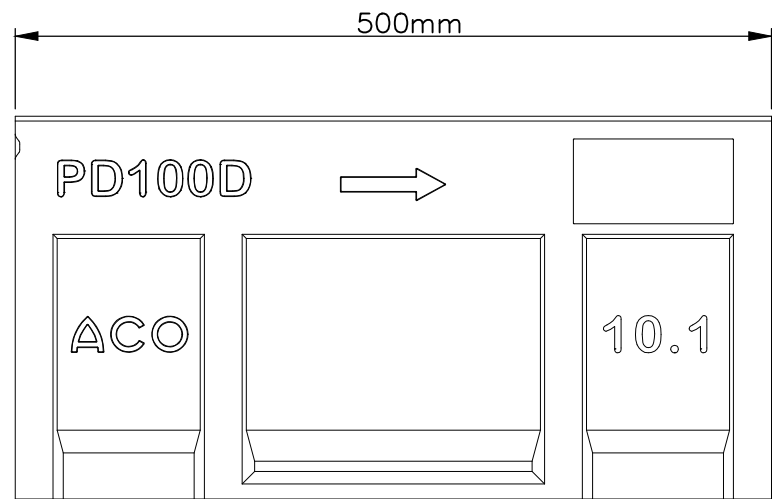
* E.G. PARKING AREAS FOR ALL TYPES OF ROAD VEHICLE. NOT SUITABLE FOR CARRIAGEWAY OF ROADS OR INDUSTRIAL AREAS.



ISOMETRIC VIEW SCALES 1:10



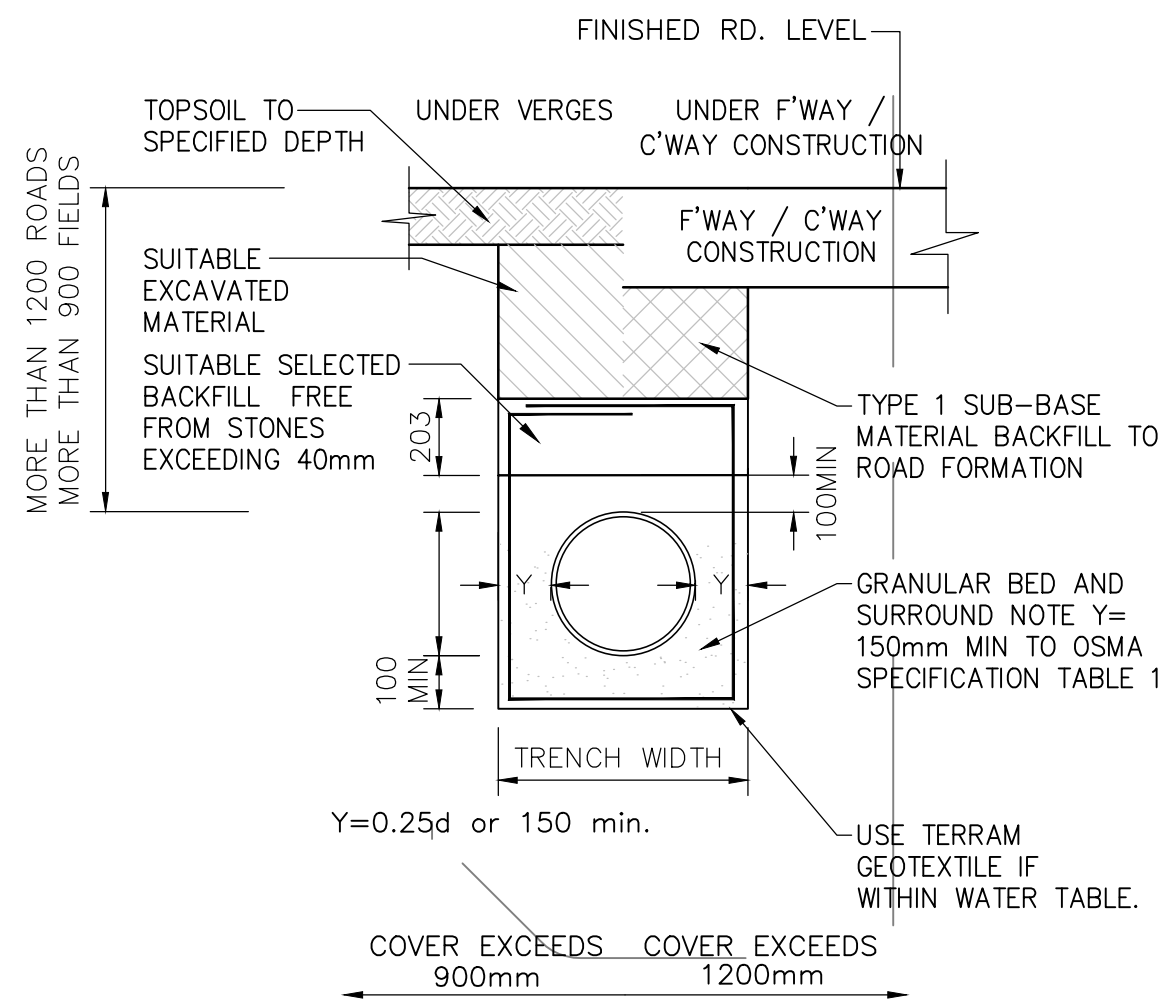
SEALANT GROOVE 10 x 3mm DEEP



DEPTH VARIES DEPENDANT ON UNIT SELECTED

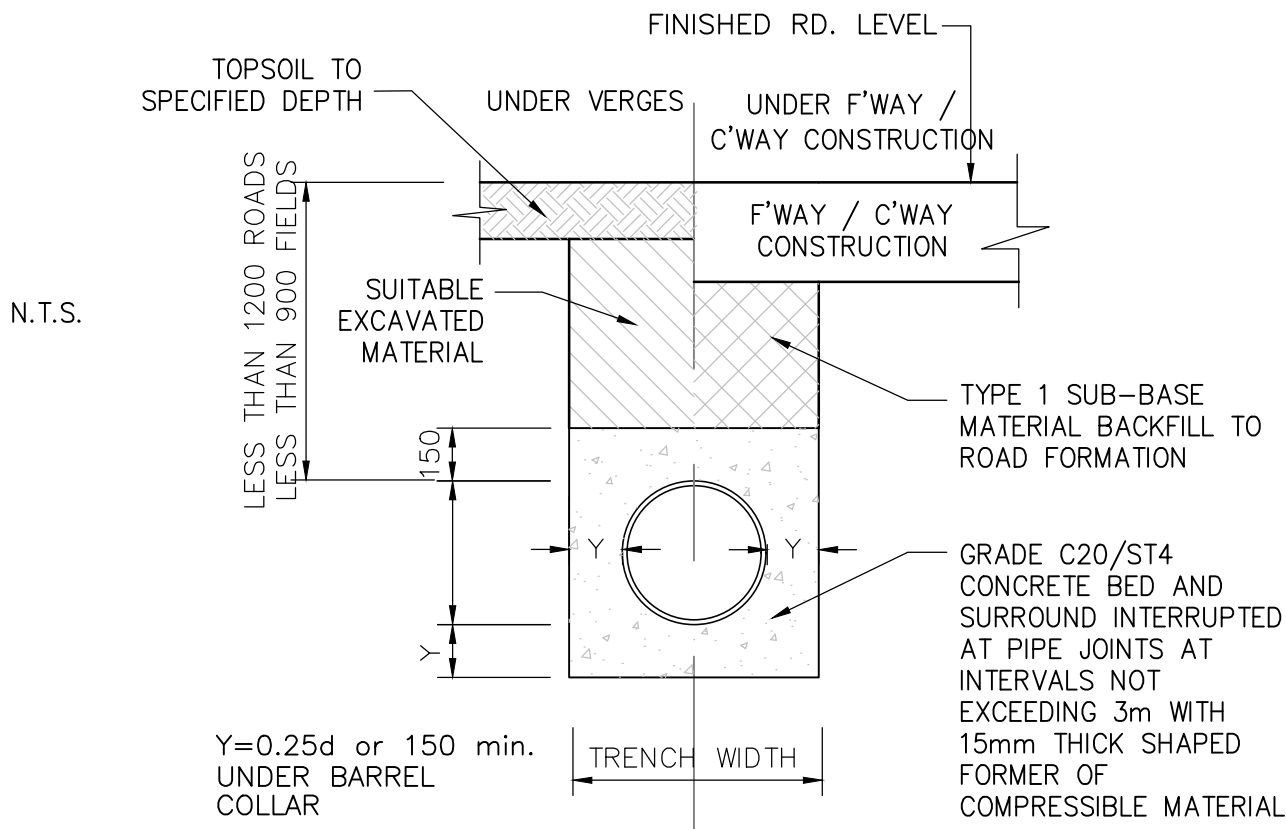
ACO-MONO BLOCK DRAINAGE CHANNEL DETAIL (BLACK)

CONCRETE BED & HAUNCH STRENGTH MINIMUM C20/25 TO BS EN-206:2013 - SEE NOTE 14



TRENCH TYPE - CLASS S GRANULAR

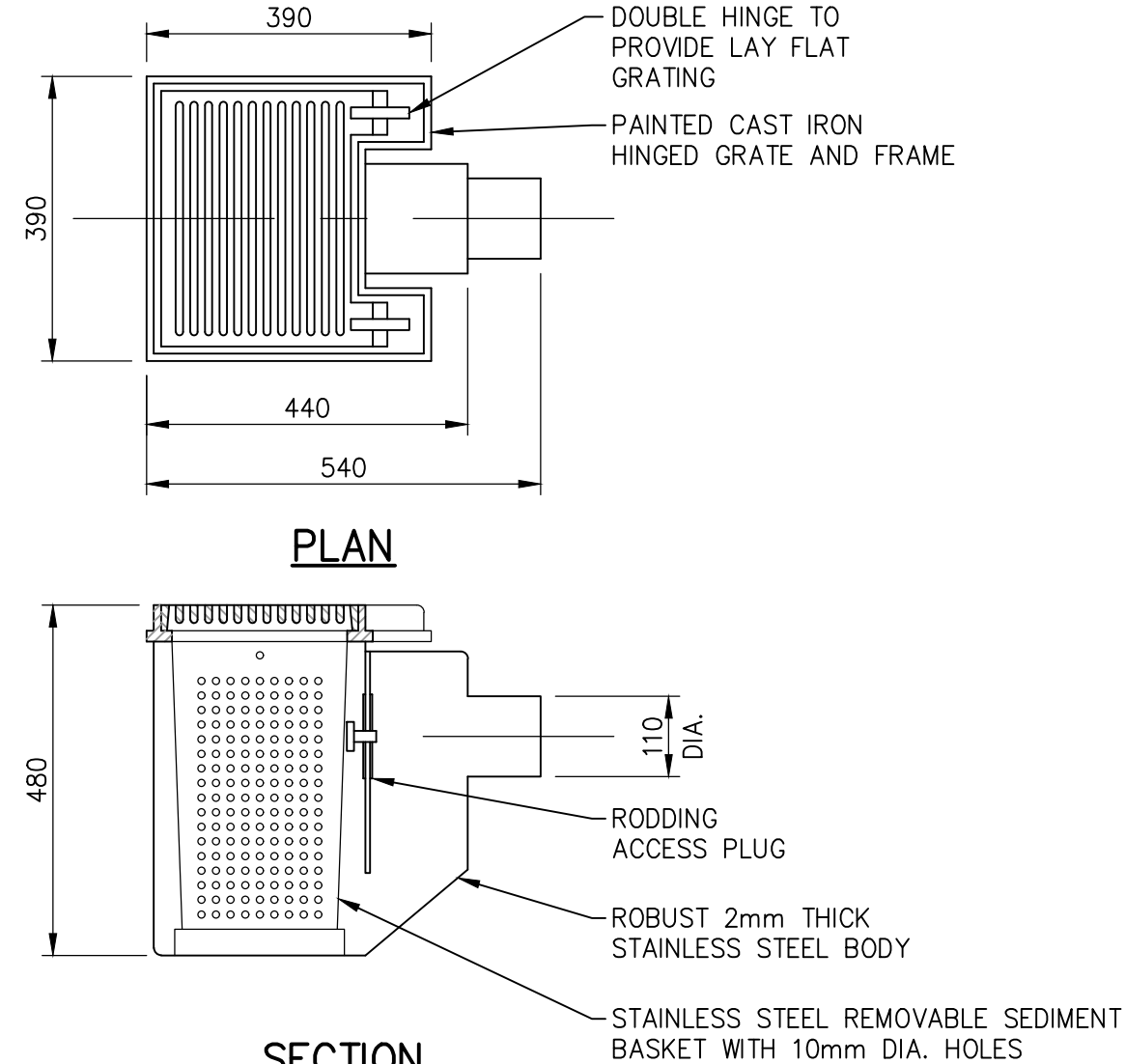
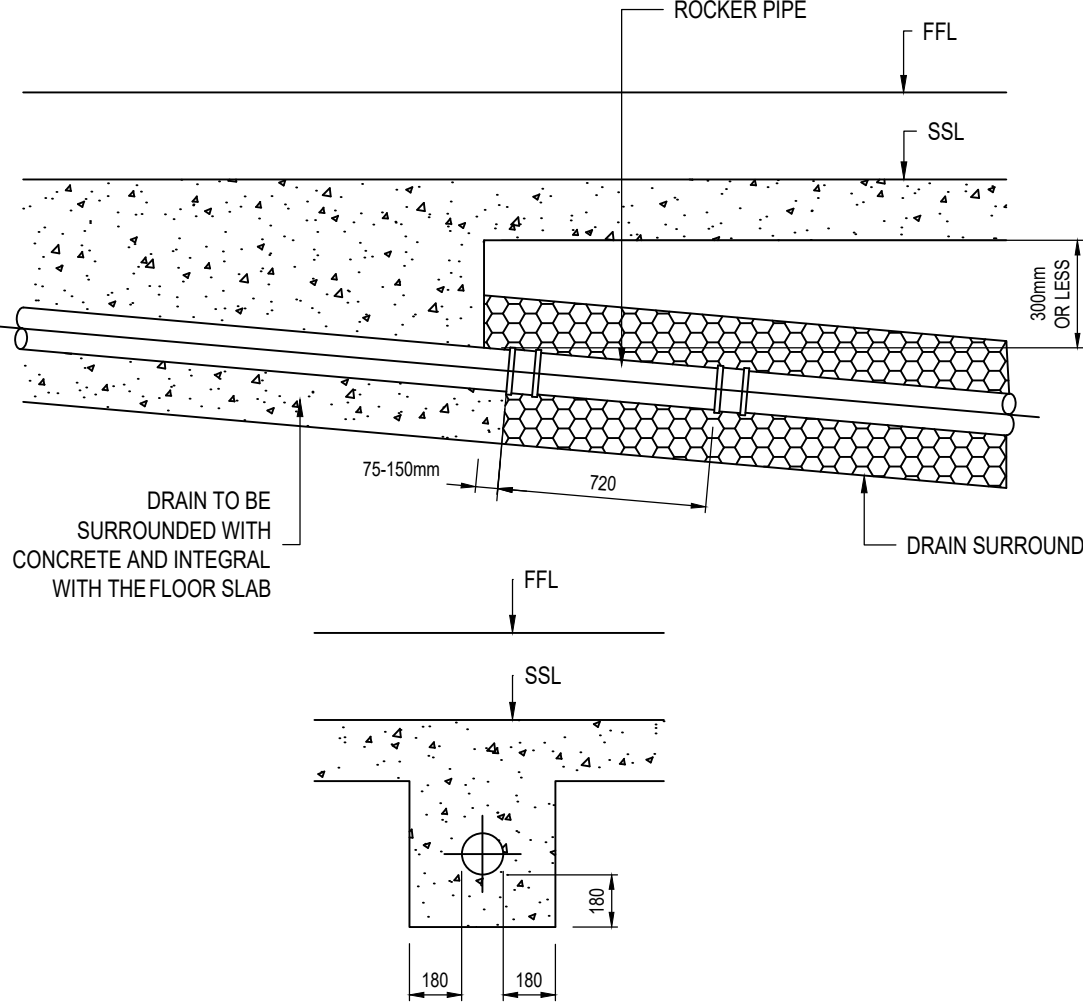
Scale 1:20



TRENCH TYPE - CLASS Z

Scale 1:20

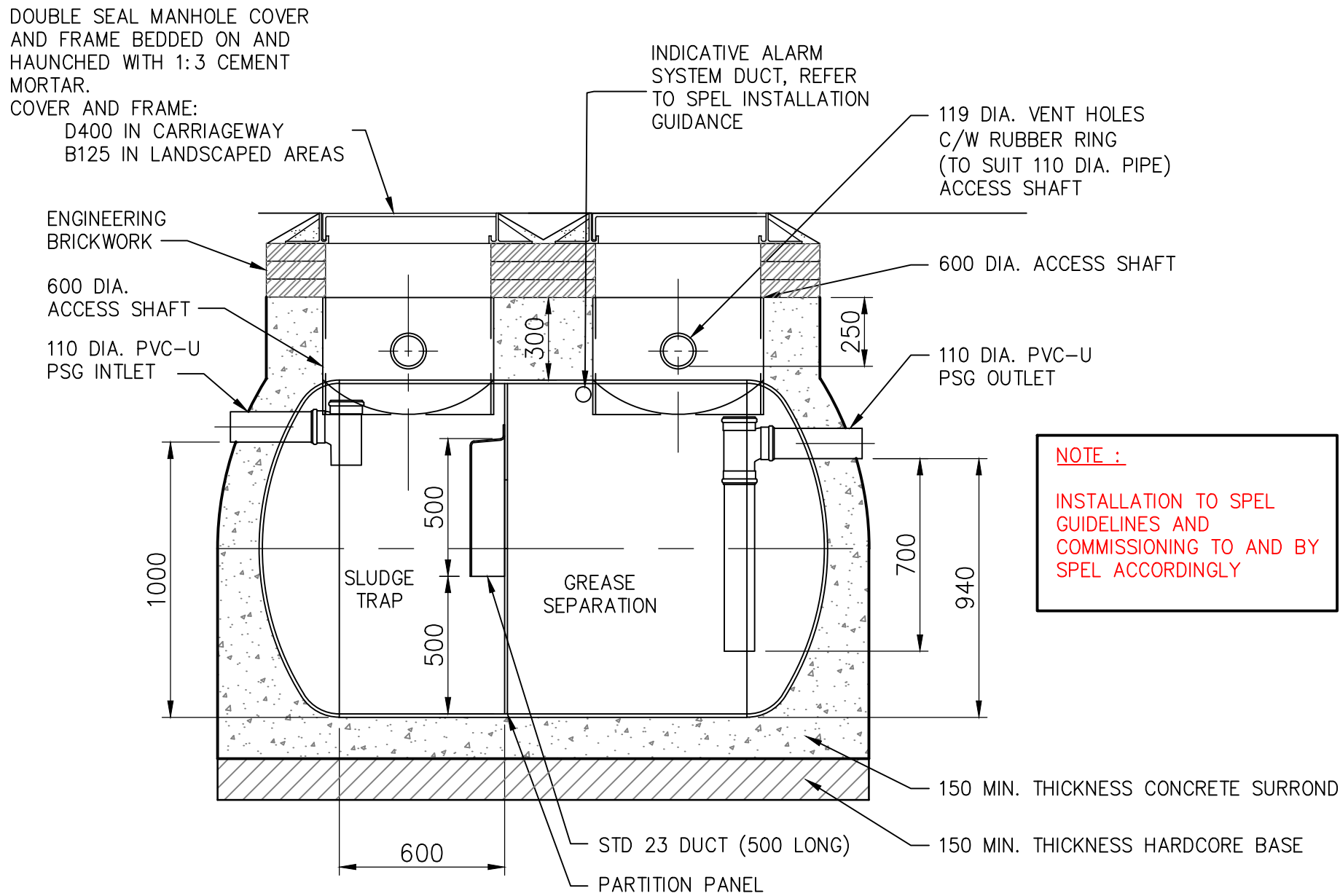
CLASS Y CONCRETE SURROUND WITHIN 300mm OF FLOOR SLAB



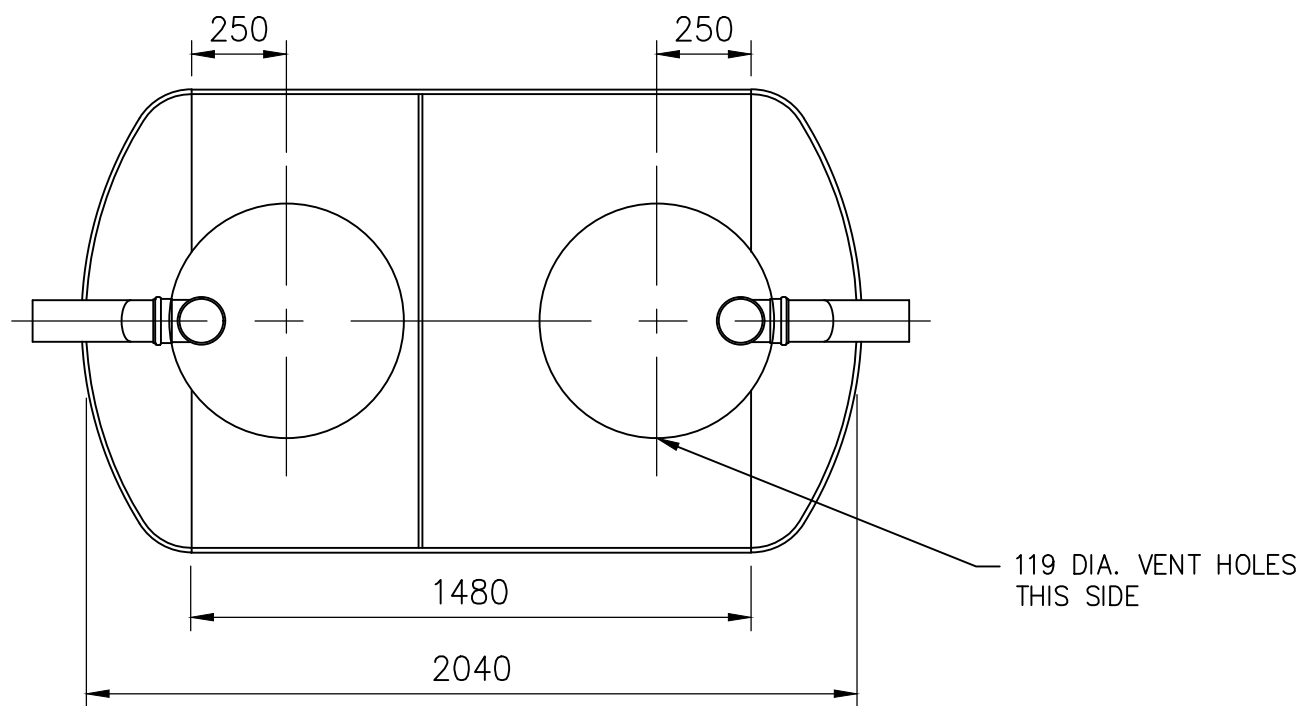
SECTION TRAPPED CORAL GULLY

Scale 1:10

(PARAGON STAINLESS UK LTD: REFERENCE:- TYPE-54730)



SECTION



PLAN

2000L SPEL GREASE INTERCEPTOR WITH TELEMETRY ALARM

SCALE 1:20



0mm 40mm 80mm

ORIGINAL SHEET SIZE A1

NOTES:

1. THIS DRAWING MUST BE READ IN CONJUNCTION WITH ALL RELEVANT ENGINEERS DRAWINGS. ANY DISCREPANCIES FOUND BETWEEN INFORMATION SHOWN ON THIS OR ANY OTHER DRAWING SHALL BE REPORTED TO THE ENGINEER IMMEDIATELY AND PRIOR TO WORKS COMMENCING ON SITE.

2. INVERT LEVELS OF EXISTING DRAINAGE & CONNECTIONS SHALL BE VERIFIED PRIOR TO ANY WORKS COMMENCING ON SITE. ANY DISCREPANCY SHALL BE REPORTED TO DRAINAGE ENGINEER IMMEDIATELY.

3. INVERT LEVELS GIVEN AT MANHOLES ON DRAWING ARE THAT OF THE LARGEST DIAMETER PIPE UNLESS OTHERWISE STATED.

4. ABOVE GROUND DRAINAGE DETAILS AND ROUTES ARE TO BE FINALISED BY OTHERS.

5. BEDDING DEPTHS APPLY TO FINISHED ROAD DEPTHS. CONTRACTOR TO PROVIDE ADEQUATE PROTECTION TO PIPES IF LOADED PRIOR TO FINISHING ROAD LAYERWORKS OR FIELD TOPSOIL.

6. ALL PRIVATE DRAINAGE WORKS SHALL BE IN ACCORDANCE WITH SEWERS FOR ADOPTION 7TH EDITION, BUILDING REGULATIONS NI 2012 PART N, AND OSMA DRAIN INSTALLATION SPECIFICATIONS.

7. ALL EXTERNAL DRAINAGE WORKS SHALL BE OSMA ULTRA RIB PIPEWORK, SPIGOT AND SOCKET WITH CONCRETE BED AND SURROUND IF COVER TO SOFFIT IS LESS THAN 900 IN ROADS AND 600 IN FIELDS.

8. RWP OUTLETS 100mm DIAMETER UNLESS OTHERWISE STATED ON DRAINAGE LAYOUT.

9. MINIMUM FOUL WATER DRAINAGE SHALL BE 110mm DIAMETER UNLESS OTHERWISE STATED. ALL FOUL SEWERS 150mm DIAMETER

10. ALL PIPEWORK SHALL JOIN AT SOFFIT LEVEL UNLESS OTHERWISE STATED ON DRAINAGE LAYOUT.

11. ALL CONCRETE WORK TO BE IN ACCORDANCE WITH BS 8110. CONCRETE TO MEET CLASS DS-1, ACEC CLASSIFICATION AC-1 AND ACHIEVE 100 YEAR EXPOSURE CLASS XS2. DETAILS OF CONCRETE SPECIFICATION ARE TO BE SUBMITTED AND APPROVED BY THE ENGINEER.

12. ALL GULLIES ARE TO BE TRAPPED AND TO BS 5911. GRATINGS AND FRAMES ARE TO BE TO BS EN 124. GULLY CONNECTIONS ARE TO BE 150mm DIAMETER AND SHALL BE LAID IN TYPE Z BEDDING WHERE UNDER PROPOSED CARRIAGEWAY.

13. IT IS THE CONTRACTORS RESPONSIBILITY TO ENSURE THAT ALL SERVICES THAT ARE AFFECTED BY THE PROPOSED WORKS ARE LOCATED PRIOR TO WORKS COMMENCING. TRIAL HOLES ARE TO BE DUG IF NECESSARY.

14. LINEAR CHANNEL OUTFALL TO HAVE UNIVERSAL GULLY AND SILT BUCKETS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.

15. ALL CHAMBERS AND MANHOLES LESS THAN 1200 IN DIAMETER AND DEEPER THAN 1.2m SHALL USE A 350mm ACCESS RESTRICTOR OR A RESTRICTED ACCESS COVER

NOTE :
INSTALLATION TO SPEL GUIDELINES AND COMMISSIONING TO AND BY SPEL ACCORDINGLY

T3	DO NOT SCALE NOTES REMOVED	06.03.24 GM	FG
T2	MINOR AMENDMENTS	01.03.24 GM	FG
T1	TENDER ISSUE	29.01.21 FC	FG
Rev.	Description	Date	Chkd

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Client : **McDonald's** RESTAURANT

Project : **ALDI BUXTON (NB8990) STATION ROAD BUXTON SK17 6AQ**

Title : **DRAINAGE DETAILS DETAILS SHEET 1 OF 3**

Project Engineer : DH Scale : NTS @ A1
Project Director : HBG Date : FEB 2021
Status : TENDER

Drawing No. 4210567-1210 Rev T3