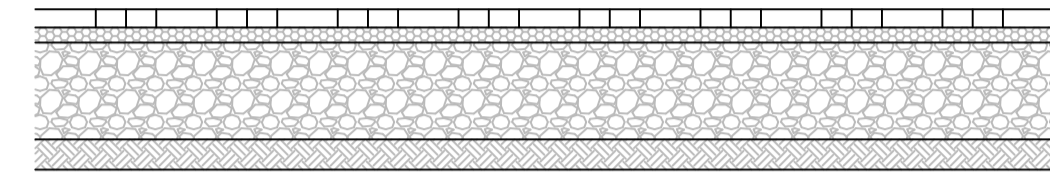


TABLE A		
STORM EVENT (1 IN)	GREENFIELD FLOW RATE l/s	SIC06 FLOW RATE l/s
2	0.2	0.6
30 (+35%CC)	0.6	(1.1)
100 (+40%CC)	0.8	(1.5)

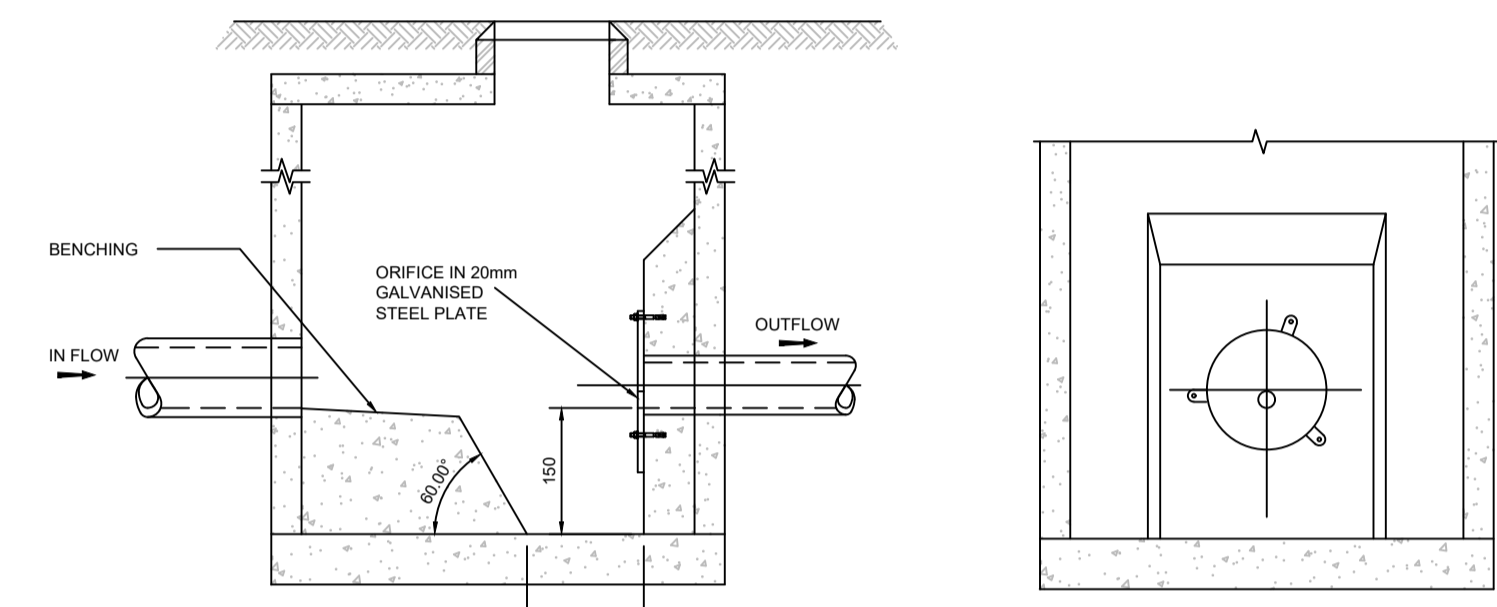


RAINWATER PIPE LEAF GUARD

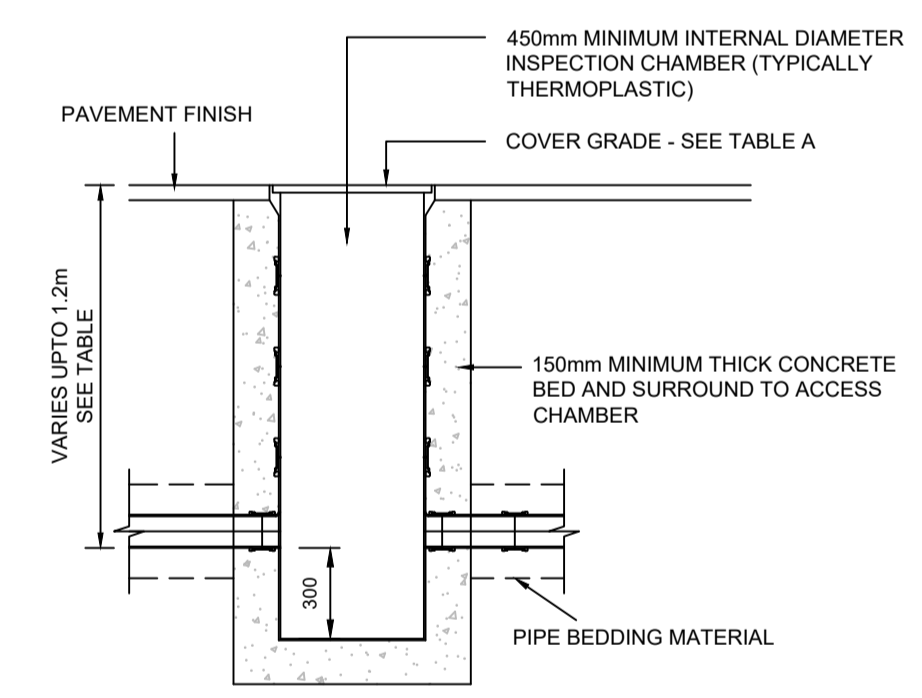
- SURFACE COURSE** 60mm POROUS PAVING BLOCKS LAID IN A 45° HERRINGBONE PATTERN.
- LAYING COURSE** 50mm WASHED SINGLE SIZED 6mm AGGREGATE.
- GEOTEXTILE** MARSHALL'S MT120 FILTRATION MEMBRANE.
- BASE** 340mm NO FINES CRUSHED ROCK OR OPEN GRADED CRUSHED GRAVEL 20-40mm ANGULAR AGGREGATE.
- GEOTEXTILE** MARSHALL'S MT120 FILTRATION MEMBRANE.
- SUBGRADE** TO BE PREPARED IN ACCORDANCE WITH DT SHW 600 SERIES TO PROVIDE A CBR VALUE GREATER THAN 5%



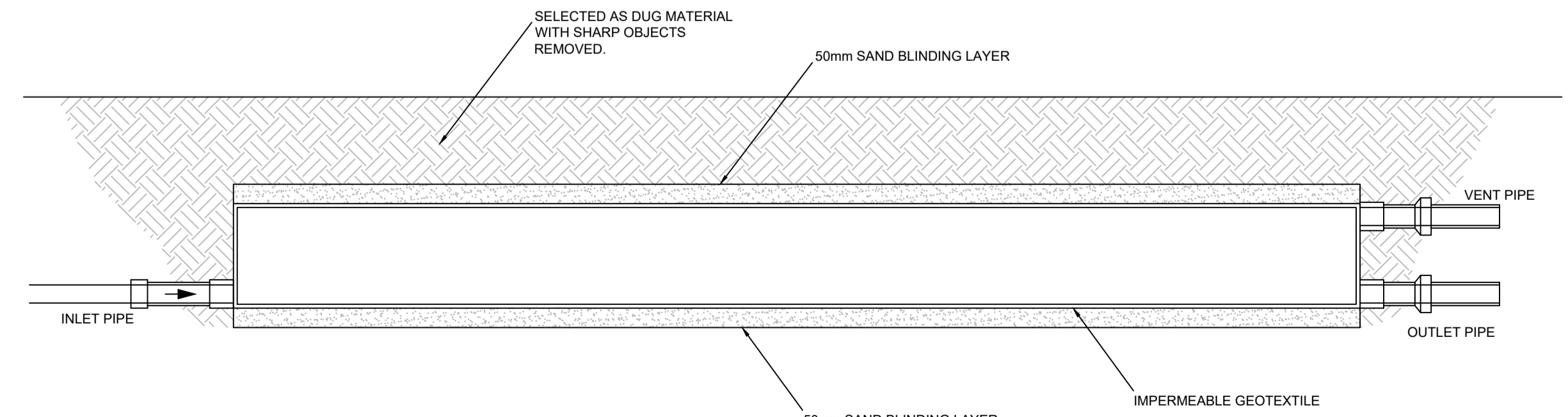
POROUS PAVED DRIVE DETAIL
SCALE 1:25



SECTION A-A SECTION B-B
ORIFICE PLATE MANHOLE (NTS)



TYPICAL MEDIUM DEPTH PPIC SILT TRAP DETAIL FOR USE IN DRIVEWAYS/CAR PARKING AREAS (NOT SUBJECT TO HEAVY VEHICLE LOADING)
SCALE 1:25



TYPICAL SECTION OF CELLULAR STORAGE TANK
SCALE 1:25

DRAWING LEGEND		NOTES
SURFACE WATER DRAINAGE		CONTRACTORS MUST VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCING ANY WORK ON SHOP DRAWINGS
DO NOT SCALE FROM THIS DRAWING		RCD CONSULTANTS LTD COPYRIGHT
NOTES		1. ALL DIMENSIONS IN MILLIMETERS UNLESS NOTED OTHERWISE.
2. THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER ENGINEERING DRAWINGS AND CALCULATIONS ASSOCIATED WITH THIS PROJECT.		3. ALL COMPONENTS AND MATERIALS ARE TO BE MANUFACTURED AND SUPPLIED IN ACCORDANCE WITH THE RELEVANT BRITISH STANDARDS, AND LAID AND BACKFILLED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS AND THE RELEVANT BRITISH STANDARDS.
4. THE CONTRACTOR SHALL, BEFORE COMMENCING THE WORKS, VERIFY ALL SITE AND SETTING OUT DIMENSIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE TRUE AND PROPER SETTING OUT OF THE WORKS AND FOR THE CORRECTNESS OF THE POSITION, LEVELS, DIMENSIONS, AND ALIGNMENT OF ALL PARTS OF THE WORKS.		5. ALL BUILDING DRAINAGE TO BE INSTALLED AND TESTED IN COMPLIANCE WITH THE BUILDING REGULATIONS 2000 DRAINAGE AND WASTE DISPOSAL APPROVED DOCUMENT H 2002 EDITION.
6. SMALL LIGHTWEIGHT ACCESS COVERS SHOULD BE SECURED (FOR EXAMPLE WITH SCREWS) TO DETER UNAUTHORISED ACCESS.		7. ALL ABOVE GROUND DRAINAGE TO INCORPORATE RODDING ACCESS FACILITIES.
8. INSITU CONCRETE FOR USE IN GENERAL DRAINAGE WORKS, GRADE TO BS: 5328.		9. ALL GULLIES TO BE TRAPPED, CLASS D400 CAPTIVE HINGED.
10. FOR INTERNAL DRAINAGE POSITIONS REFER TO ARCHITECT'S CURRENT WORKING DRAWINGS.		11. FOR LANDSCAPING SURFACE MATERIAL FINISHES REFER TO ARCHITECT'S CURRENT WORKING DRAWINGS.
12. ALL PIPES TO BE 100mm DIAMETER UNLESS NOTED OTHERWISE.		13. ALL WORK WITHIN THE HIGHWAY IS TO BE COMPLETED TO THE FULL SATISFACTION AND APPROVAL OF NORTH LINCOLNSHIRE COUNTY COUNCIL HIGHWAYS DEPARTMENT.
14. THE CONTRACTOR IS RESPONSIBLE FOR MAKING ALL NECESSARY LICENCE APPLICATIONS FOR WORKS WITHIN THE EXISTING HIGHWAY.		15. ALL ADAPTABLE DRAINAGE WORKS ARE TO BE CARRIED OUT TO THE REQUIREMENTS AND FULL SATISFACTION OF ANGLIAN WATER SERVICES LTD.
16. ALL DRAINAGE TO BE COMPLETED IN ACCORDANCE WITH SEWERS FOR ADOPTION 8TH EDITION.		17. ALL IRONWORK IN TRAFFICKED AREAS TO BE 150mm THICK D400.
18. PRIOR TO ANY CONSTRUCTION COMMENCING THE CONTRACTOR IS TO CONFIRM TO THE RCD ENGINEER THE INVERT LEVELS OF EXISTING SEWER AT 3302 AND 4408.		19. THE CONNECTIONS TO THE FOUL AND SURFACE WATER SEWER ARE SUBJECT TO A SECTION 106 SEWER CONNECTION APPLICATION WITH ANGLIAN WATER SERVICES LTD.
20. LEAF GUARDS TO BE INSTALLED AT THE TOP OF EACH RAINWATER PIPE.		

EXISTING FOUL MANHOLE	EXISTING FOUL SEWER	INSPECTION CHAMBER	PRIVATE FOUL WATER SEWER	DRAINAGE POINT	BACK INLET GULLY
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REV	AMENDMENT	DATE	CHKD
P4	PRELIMINARY ISSUE	06.11.25	RAC
P3	PRELIMINARY ISSUE	10.06.25	RAC
P2	PRELIMINARY ISSUE	10.02.23	RAC
P1	PRELIMINARY ISSUE	18.03.22	RAC

DRAWING STATUS: **PRELIMINARY**

RCD

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CLIENT: RD4998

PROJECT: PROPOSED RESIDENTIAL DEVELOPMENT FERRY ROAD NEW HOLLAND

DRAWING TITLE: DRAINAGE LAYOUT

CIVILS			
SCALE: 1:200 @ A1 1:400 @ A3	DRAWN BY: SC	CHECKED: RAC	DATE: MAR 2022
DRAWING NUMBER: 1115-2204-CIV-10	REVISION: P4		