

55 HOMER STREET, EARLWOOD

PROPOSED SUBDIVISION

STORMWATER CONCEPT PLANS

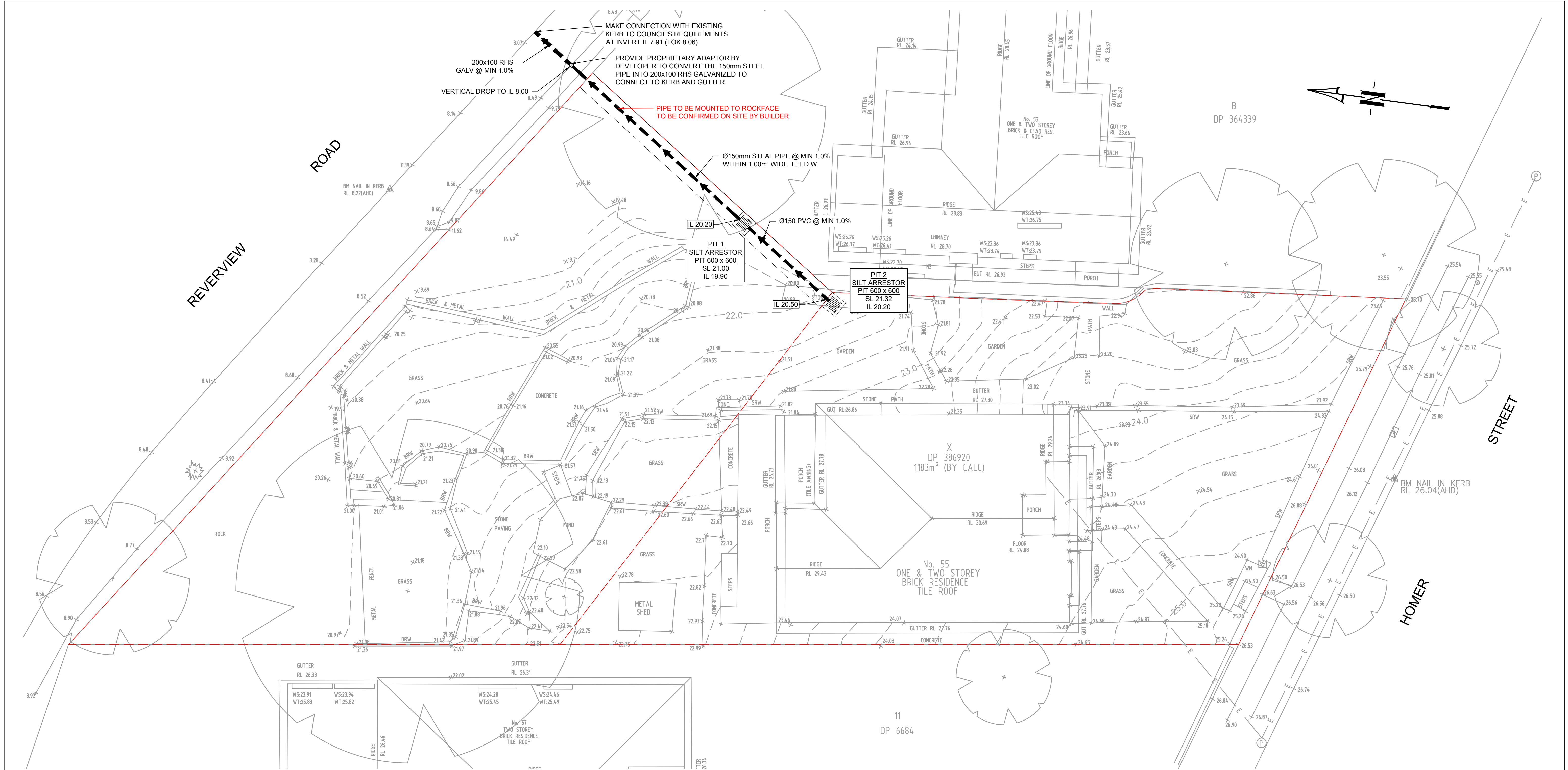


LOCALITY PLAN
N.T.S

DRAWING INDEX	
Drawing No.	DESCRIPTION
000	COVER SHEET PLAN
101	STORMWATER CONCEPT PLAN
102	MISCELLANEOUS DETAILS SHEET

NOT FOR CONSTRUCTION

				Certification By Dr. Michel Chaaya B.E., M.E. (Res), Ph.D., F.I.E. Aust., CPEng., Civil & Structural Engineer		Architect	Client	Scale	Project		Drawing Title	
									55 HOMER STREET, EARLWOOD PROPOSED SUBDIVISION STORMWATER CONCEPT PLANS DEVELOPMENT APPLICATION		COVER SHEET PLAN	
A ISSUE FOR DEVELOPMENT APPLICATION				16/12/2024	GGH	JSF	Council		Telford Civil Consulting Engineers		Scale	A1
Issue Description				Date	Design	Checked	Canterbury Bankstown Council		Level 14, 32 Smith Street, Parramatta NSW 2150 PO BOX 3579 Parramatta 2124		Project No.	24516
1cm at full size						20cm			Email : info@telfordcivil.com.au Phone : 02 7809 4931 Company : Telford Consulting Pty Ltd		Dwg. No.	000
											Issue	A



LEGEND

- PROPOSED STORMWATER
- EXISTING POWER (FROM RECORDS)
- DESIGN SURFACE LEVEL
- EXISTING SURFACE LEVEL
- INVERT LEVEL OF PIPE JUNCTION
- TREES TO BE RETAINED

GENERAL NOTES

- ALL LINES ARE TO BE Ø90 uPVC 1.0% GRADE UNLESS NOTED OTHERWISE. CHARGED LINES TO BE SEWERGRADE & SEALED.
- EXISTING SERVICES LOCATIONS SHOWN INDICATIVE ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO LOCATE & LEVEL ALL EXISTING SERVICES PRIOR TO THE COMMENCEMENT OF ANY EARTHWORKS.
- ALL PIPES TO HAVE MIN 150mm COVER IF LOCATED WITHIN PROPERTY.
- ALL PITS IN DRIVEWAYS TO BE 450x450 CONCRETE AND ALL PITS IN LANDSCAPED AREAS TO BE 450x450 PLASTIC.
- PITS LESS THAN 600mm DEEP MAY BE BRICK, PRECAST OR CONCRETE.
- ALL BALCONIES AND ROOFS TO BE DRAINED AND TO HAVE SAFETY OVERFLOWS IN ACCORDANCE WITH RELEVANT AUSTRALIAN STANDARDS.
- ALL EXTERNAL SLABS TO BE WATERPROOFED.
- ALL GRATES TO HAVE CHILD PROOF LOCKS.
- ALL DRAINAGE WORKS TO AVOID TREE ROOTS.
- ALL DPs TO HAVE LEAF GUARDS.
- ALL EXISTING LEVELS TO BE CONFIRMED BY BUILDER PRIOR TO CONSTRUCTION.
- COUNCIL'S ISSUED FOOTWAY DESIGN LEVELS TO BE INCORPORATED INTO THE FINISHED LEVELS ONCE ISSUED BY COUNCIL.
- ALL WORK SHALL BE IN ACCORDANCE WITH B.C.A. AND A.S.3500.3.
- REFER TO LANDSCAPE ARCHITECT'S DRAWINGS FOR LANDSCAPING.
- CARE TO BE TAKEN AROUND EXISTING SEWER. STRUCTURAL ADVICE IS REQUIRED FOR SEWER PROTECTION AGAINST ADDITIONAL LOADING FROM NEW PITS, PIPES, RETAINING WALLS AND OSD BASIN WATER LEVELS.

PIPES NOTE:

Ø65 PVC @ MIN 1.0%
Ø90 PVC @ MIN 1.0%
Ø100 PVC @ MIN 1.0%
Ø150 PVC @ MIN 1.0%
Ø225 PVC @ MIN 0.5%
Ø300 PVC @ MIN 0.4%
UNLESS NOTED OTHERWISE

NOT FOR CONSTRUCTION

A	ISSUE FOR DEVELOPMENT APPLICATION	16/12/2024	GGH	JSF	
Issue	Description	Date	Design	Checked	
0	10m at full size	20m			

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Architect

Client

Council

Canterbury
Bankstown Council

Scale

0 2 4 6 m

SCALE 1:100 @ A1

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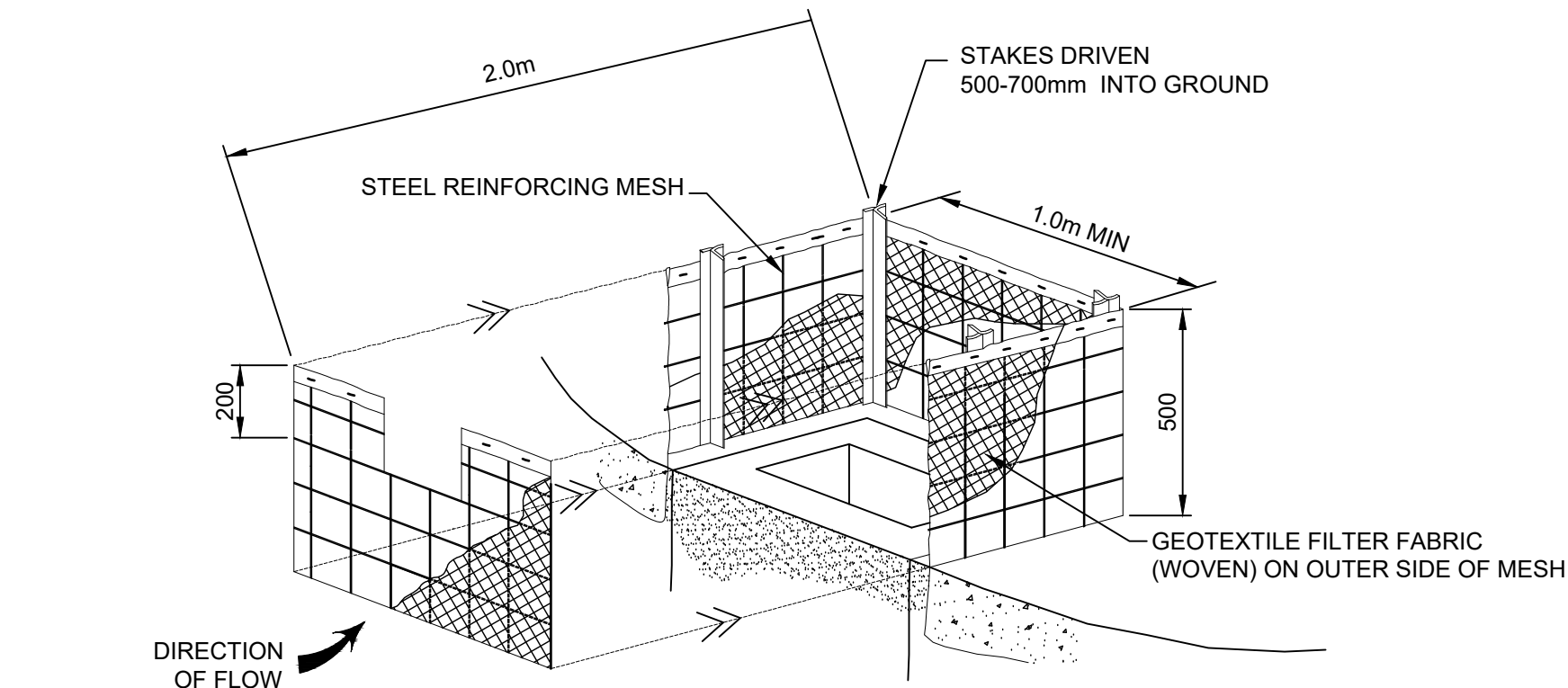
Project

55 HOMER STREET, EARLWOOD
PROPOSED SUBDIVISION
STORMWATER CONCEPT PLANS
DEVELOPMENT APPLICATION

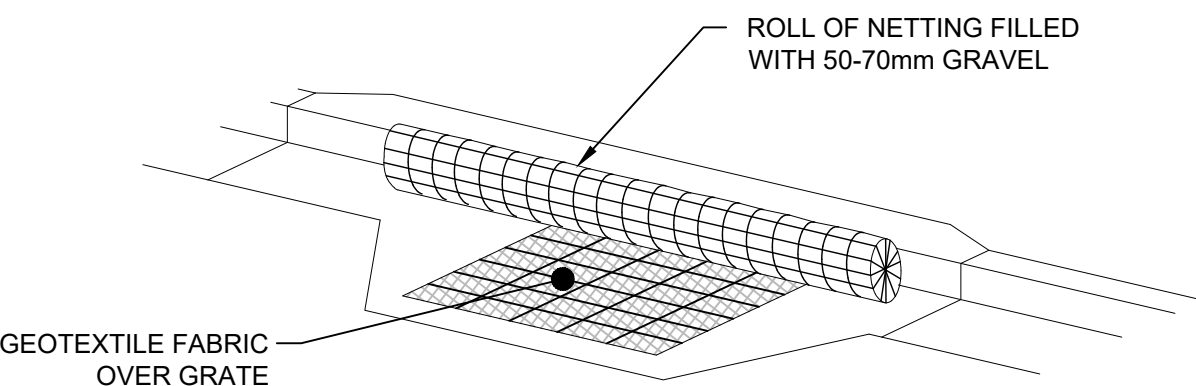
Drawing Title	STORMWATER CONCEPT PLAN			
Scale	A1	Project No.	Dwg. No.	Issue
1:100		24516	101	A

SEDIMENT & EROSION NOTES

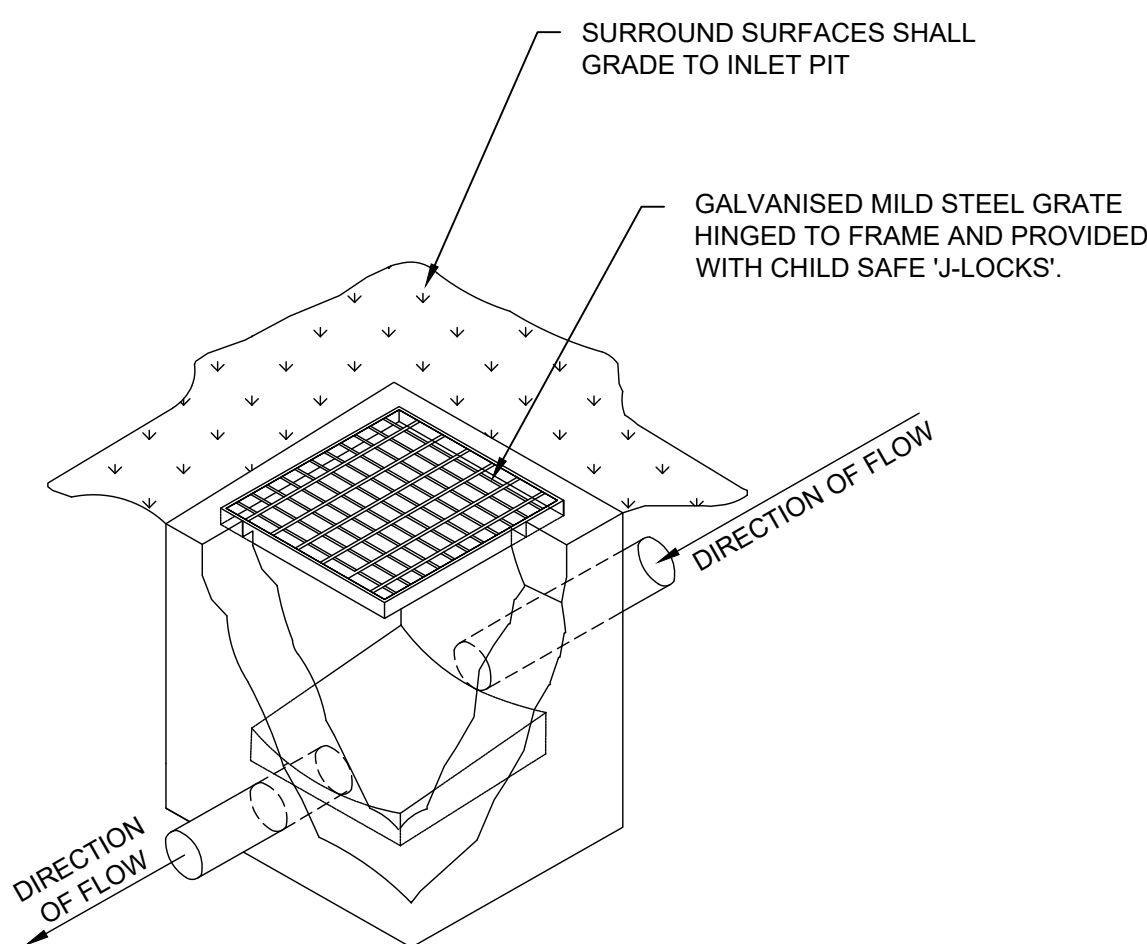
- 1. IMMEDIATELY FOLLOWING SETTING OUT OF THE WORKS, BUT PRIOR TO COMMENCEMENT OF ANY CLEARING OR EARTHWORKS, THE CONTRACTOR AND SUPERINTENDENT SHALL WALK THE SITE TO NOMINATE THE LOCATIONS AND TYPES OF SEDIMENT AND EROSION CONTROL MEASURES TO BE ADOPTED. THESE MEASURES SHALL BE IMPLEMENTED PRIOR TO ANY CLEARING OR EARTHWORKS AND MAINTAINED UNTIL THE WORKS ARE COMPLETED AND NO LONGER POSE AN EROSION HAZARD, UNLESS OTHERWISE APPROVED BY THE SUPERINTENDENT.
- 2. IMMEDIATELY FOLLOWING SETTING OUT OF THE WORKS, BUT PRIOR TO COMMENCEMENT OF ANY CLEARING OR EARTHWORKS, THE CONTRACTOR AND SUPERINTENDENT SHALL WALK THE SITE TO IDENTIFY AND MARK TREES WHICH ARE TO BE PRESERVED. NOTWITHSTANDING THE ABOVE, THE CONTRACTOR SHALL TAKE ALL REASONABLE PRECAUTIONS TO MINIMISE DISTURBANCE TO EXISTING VEGETATION AND GROUND COVER OUTSIDE THE MINIMUM AREAS REQUIRED TO COMPLETE THE WORKS AND SHALL BE RESPONSIBLE FOR RECTIFICATION, AT ITS OWN COST, OF ANY DISTURBANCE BEYOND THOSE AREAS.
- 3. PROVIDE GULLY GRATE INLET SEDIMENT TRAPS AT ALL GULLY PITS.
- 4. PROVIDE SILT FENCING ALONG PROPERTY LINE AS DIRECTED BY SUPERINTENDENT.
- 5. ADDITIONAL CONTROL DEVICES TO BE PLACED WHERE DIRECTED BY THE PRINCIPLE.
- 6. ALTERNATIVE DESIGNS TO BE APPROVED BY SUPERINTENDENT PRIOR TO CONSTRUCTION.
- 7. WASH DOWN/RUMBLE AREA TO BE CONSTRUCTED WITH PROVISIONS RESTRICTING ALL SILT AND TRAFFICKED DEBRIS FROM ENTERING THE STORMWATER SYSTEM.
- 8. NO WORK OR STOCKPILING OF MATERIALS TO BE PLACED OUTSIDE OF SITE WORK BOUNDARY.
- 9. APPROPRIATE EROSION AND SEDIMENT CONTROLS TO BE USED TO PROTECT STOCKPILES AND MAINTAINED THROUGH OUT CONSTRUCTION.
- 10. IT IS THE CONTRACTORS RESPONSIBILITY TO TAKE DUE CARE OF NATURAL VEGETATION. NO CLEARING IS TO BE UNDERTAKEN WITHOUT PRIOR APPROVAL FROM THE SUPERINTENDENT.
- 11. TO AVOID DISTURBANCE TO EXISTING TREES, EARTHWORKS WILL BE MODIFIED AS DIRECTED ON-SITE BY THE SUPERINTENDENT.
- 12. THE LOCATION OF EROSION AND SEDIMENTATION CONTROLS WILL BE DETERMINED ON SITE BY THE SUPERINTENDENT.
- 13. ACCESS TRACKS THROUGH THE SITE WILL BE LIMITED TO THOSE DETERMINED BY THE SUPERINTENDENT AND THE CONTRACTOR PRIOR TO ANY WORK COMMENCING.
- 14. ALL SETTING OUT IS THE RESPONSIBILITY OF THE CONTRACTOR PRIOR TO WORKS COMMENCING ON SITE. THE SUPERINTENDENT'S SURVEYOR SHALL PEG ALL ALLOTMENT BOUNDARIES, PROVIDE COORDINATE INFORMATION TO THESE PEGS AND PLACE BENCH MARKS. THE CONTRACTOR SHALL SET OUT THE WORKS FROM AND MAINTAIN THESE PEGS.
- 15. PLANS ARE MINIMUM REQUIREMENTS AND ARE TO BE USED AS A GUIDE ONLY. EXACT MEASURES USED SHALL BE DETERMINED ON SITE IN CONJUNCTION WITH PROGRAM OF CONTRACTORS WORKS etc.



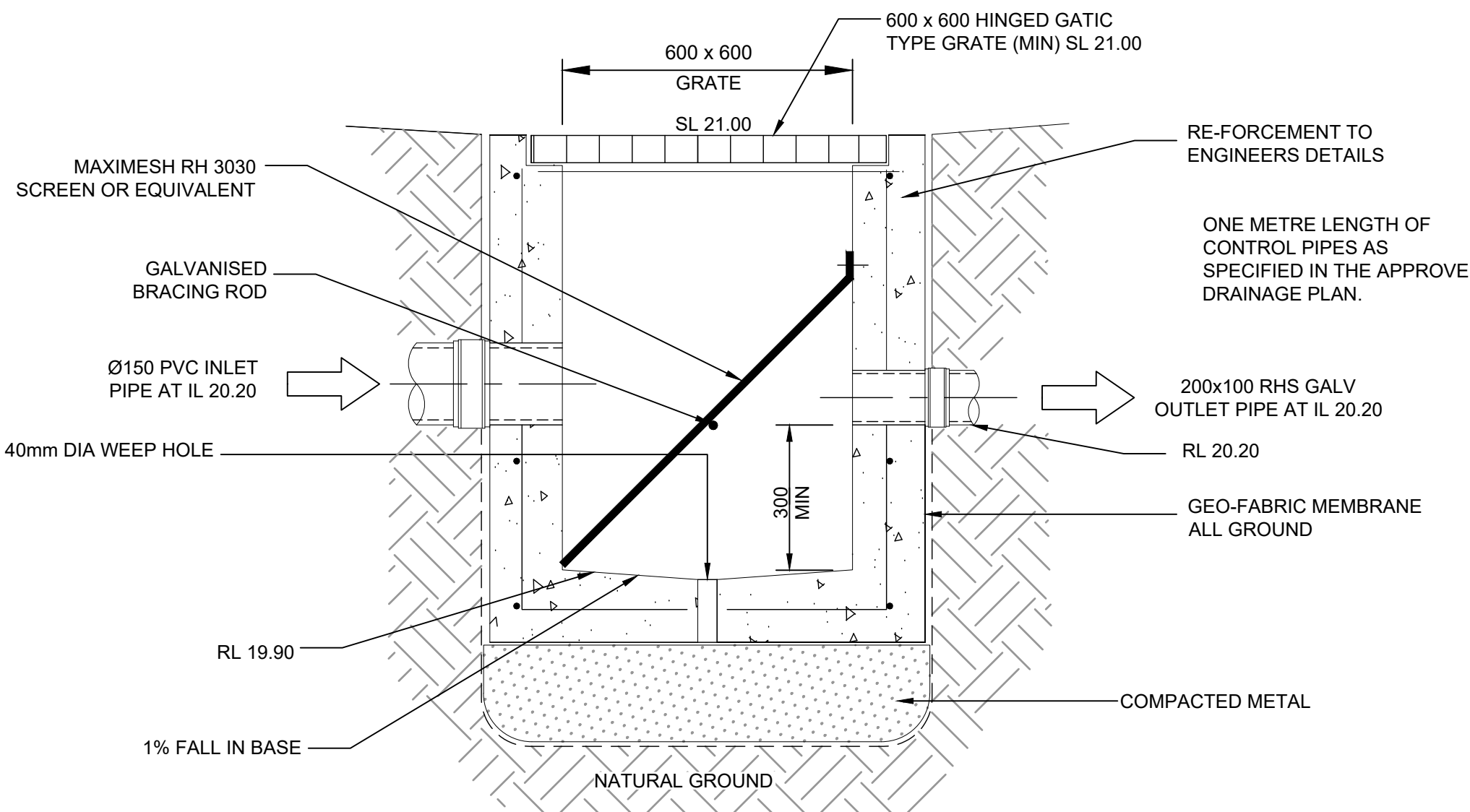
FIELD INLET SEDIMENT TRAP
N.T.S.



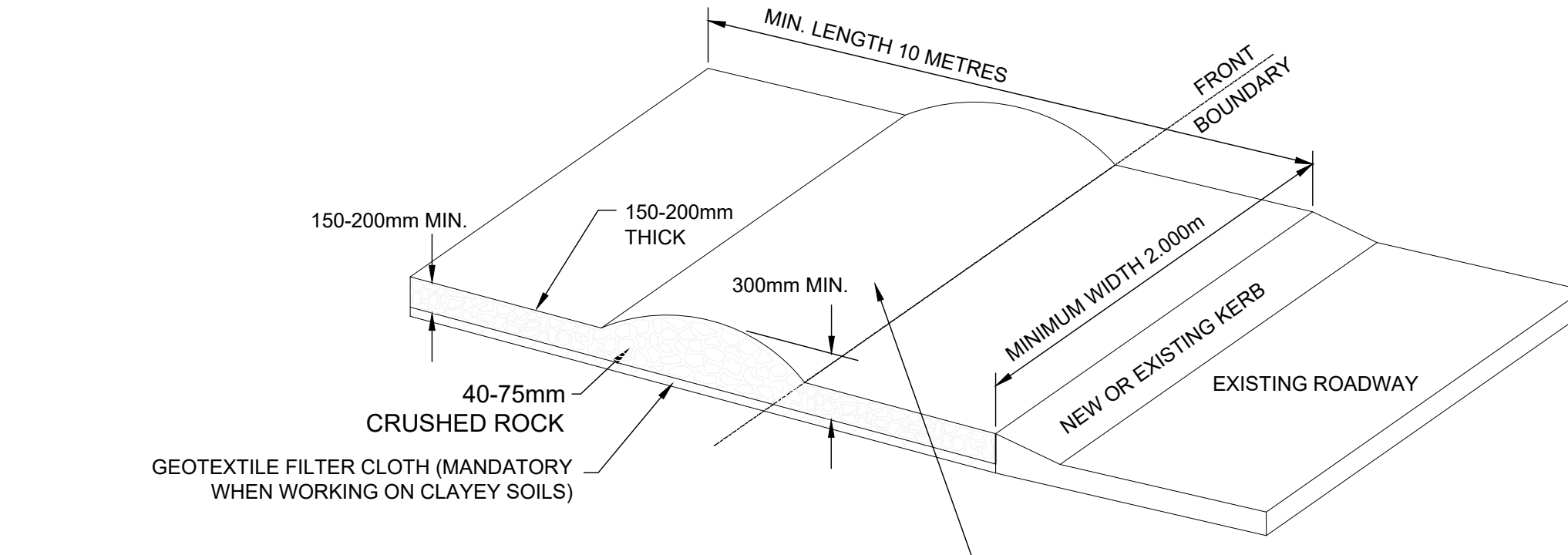
KERB INLET PROTECTION
SAG GULLIES
N.T.S.



TYPICAL GRATED
INLET PIT DETAIL
N.T.S.



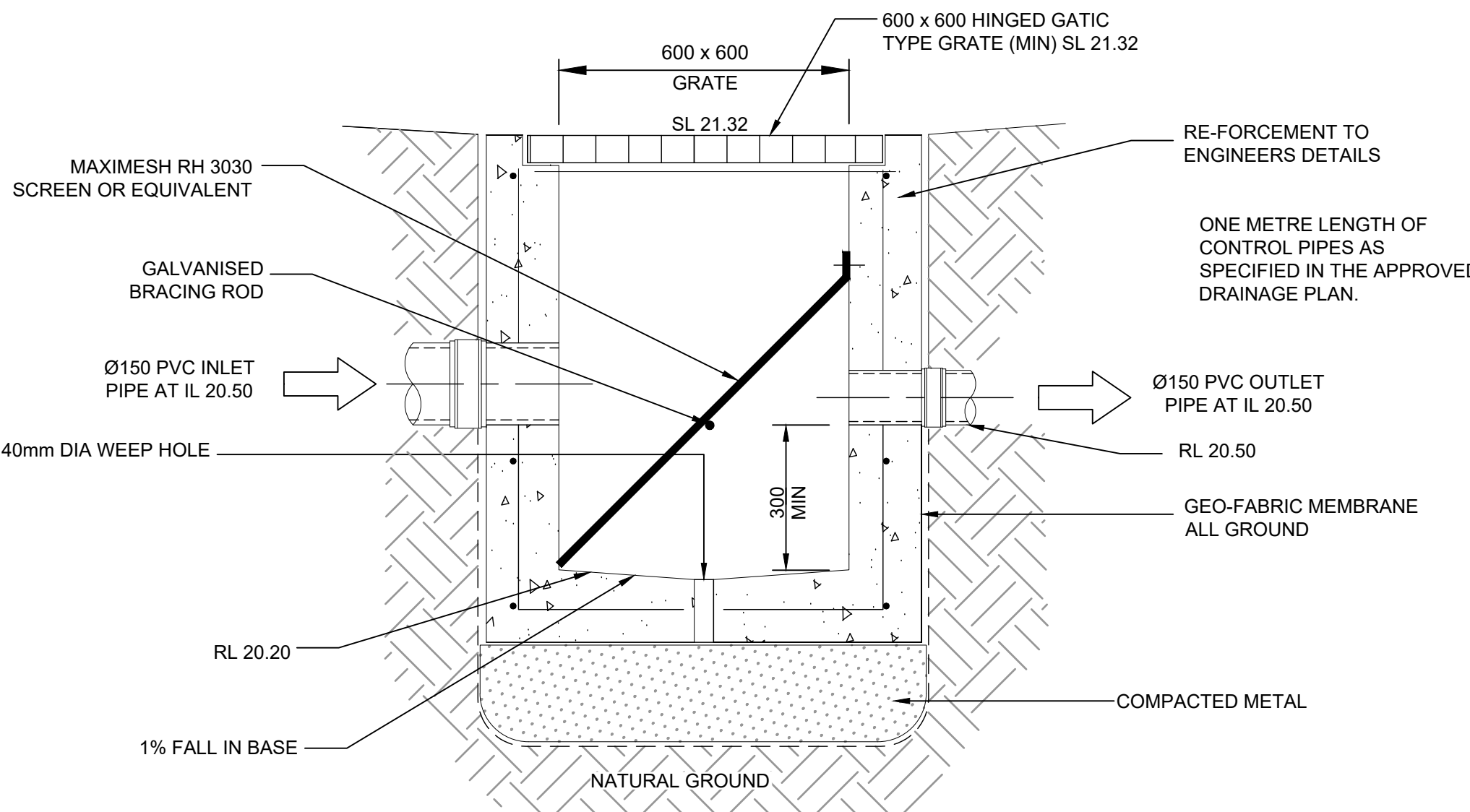
SILT ARRESTOR PIT 1 DETAILS
N.T.S.



SHAKEDOWN DEVICE
N.T.S.

SILT ARRESTOR PIT GENERAL NOTES

- 1. PITS TO BE CONSTRUCTED IN THE FOLLOWING MANNER
- 1.1 PRECAST
- 1.2 BRICKS WITH CEMENT RENDER
- 2. OUTLET PIPES TO BE PLACED AT 90 DEGREES TO THE INLET PIPELINE (AS SHOWN IN THE PLAN)
- 3. INLET TO BE ABOVE SCREEN AND THE OUTLET TO BE BELOW THE SCREEN
- 4. ALL WORK TO BE THE SATISFACTION OF THE DIRECTOR TECHNICAL SERVICES
- 5. ORIFICE PLATES ARE NOT TO BE USED
- 6. FOR CONNECTION TO COUNCIL'S DRAINAGE SYSTEM 6.1 CONNECTION TO BE MADE INTO TOP ONE THIRD OF COUNCIL'S PIPE AT 45 DEGREES TO FLOW
- 6.2 ON PIPE PROTRUSION ALLOWED INTO COUNCIL'S PIPELINE
- 6.3 INSPECTION TO BE MADE BY COUNCIL'S ENGINEER PRIOR TO THE SEALING OF THE JOINT



SILT ARRESTOR PIT 2 DETAILS
N.T.S.

NOT FOR CONSTRUCTION