PROPOSED RESIDENTIAL SUBDIVISION @ 42 WOODHAMS LANE, MORTLAKE, VIC 3272

DRAWING INDEX

SHEET	TITLE
C0-1	GENERAL NOTES

- C1-1 STORMWATER DRAINAGE PLAN 1
- C2-1 STORMWATER DRAINAGE DETAILS
- C2-2 INFILTRATION BED DETAILS

REFERENCED CODES AND STANDARDS

- AS 3500.3-2018
- AS3600

REFERENCED DOCUMENTS

- ARCHITECTURAL
- DRAWINGS

THESE DESIGNS ARE BASED ON

TITLE:	ARCHITECTURAL/WORKING DRAWINGS
REFERENCE: BY:	-
SOIL REPORT	

THESE DESIGNS ARE BASED ON TITLE: **REFERENCE:** BY:

SOIL REPORT N/A ENPROVE AG AND ENVIRONMENT

SIGNED:



FOR CONSTRUCTION SUBJECT TO APPROVAL BY THE RELEVANT BUILDING SURVEYOR OR STATUTORY AUTHORITY.

BRADLEY MAGOCHA MIE AUST, MACSEV, RPENG (VIC) M.ENG (STRUCT), B.ENG (CIVIL) **ENGINEERS AUSTRALIA MEMBERSHIP #:** 5335870 VICTORIAN PROFESSIONAL ENGINEER REGISTRATION #: PE0002781

- G. GENERAL NOTES
- DRAWINGS ARE TO BE READ IN CONJUCTION WITH ALL OTHER DRAWINGS.
- ALL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH CIVIL SPECIFICATION, APPROVED PLANS
- AND TO THE SATISFACTION OF THE SUPERINTENDENT. ALL CONSTRUCTION TO BE THE SPECIFICATION AND STANDARDS OF WYNDHAM CITY COUNCIL
- AND WEST WATER. SURVEY BACKGROUND INFORMATION SUPPLIED BY :
- EXISTING COUNTOURS SHOWN REFLECT SITE CONDITION AT TIME OF SURVEY.
- ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
- LEVELS ARE TO AUSTRALIAN HEIGHT DATUM.
- ALL DIMENSIONS RELEVANT TO SETTING OUT SHALL BE CONFIRMED AND VERIFIED BY THE CONTRACTOR BEFORE CONSTRUCTION IS COMMENCED.
- PRIOR TO COMMENCEMENT OF WORKS ON SITE, THE CONTRACTOR MUST ENSURE THAT ALL MATTERS RELATING TO THE OCCUPATIONAL HEALTH AND SAFETY ACT 2004 , HAVE BEEN AND WILL BE COMPLIED WITH.
- ON COMMENCEMENT OF CONSTRUCTION WORKS, THE CONTRACTOR MUST COMPLY WITH THE RECOMMENDATIONS OF THE ENVIRONMENT PROTECTION AUTHORITY PUBLICATION "APPROPRIATE SILTATION CONTROL IS TO BE MAINTAINED THROUGHOUT THE CONSTRUCTION AND MAINTANANCE PERIOD OF THE WORKS.
- THE CONTRACTOR MUST ARRANGE THE REQUISITE INSPECTIONS OF THE WORKS WITH THE SUPERINTENDENT/OR THEIR REPRESENTATIVE.
- ALL TREES AND SHRUBS ARE BE RETAINED UNLESS OTHERWISE SHOWN OR DIRECTED BY THE SUPERINTENDENT / OR THEIR REPRESENTATIVE. AT THE COMPLETION OF ALL WORKS, ALL RUBBISH, DEBRIS AND SURPLUS SPOIL SHALL BE
- 13. REMOVED AND THE SITE SHALL BRE CLEARED TO THE SATISIFACTION OF THE SUPERINTENDENT /OR REPRESENTATIVE. ALL REDUNDANT ASSETS AND THEIR ASSOCIATED INFRASTRUCTURE (I.E PIPE WORK/MANHOLE
- ETC) ARE TO BE REMOVED AND DISPOSED OF OFF SITE AT THE CONTRACTORS EXPENSE. 15.CONTRACTOR IS TO BE ALLOW FOR BACK FILLING ASSOCIATED TRENCHES IN ACCORDANCE WITH THE CIVIL SPECIFICATION / RELEVANT DRAWINGS.
- CONTRACTOR IS TO BE ALLOW FOR BACK FILLING ASSOCIATED TRENCHES IN ACCORDANCE 15 WITH THE CIVIL SPECIFICATION / RELEVANT DRAWINGS.
- E. EXISTING SERVICES
- 1. IRWINCONSULT ACCEPTS NO RESPONSIBILITIES IN RELATION TO EXTENT AND LOCATION OF EXISTING SERVICES IN THE VICINITY OF THE SITE.
- CONTRACTORS MUST ASCERTAIN THE PRECISE LOCATION AND DEPTH OF ALL EXISTING SERVICES WHICH COULD BE AFFECTED BY THE WORKS.WHERE EXISTING SERVICES ARE FOUND TO BE IN CLASH OF THE WORKS THE CONTRACTOR SHOULD NOTIFY THE SUPERINTENDENT ACCORDINGLY.
- THE CONTRACTOR SHALL LIAISE WITH ALL RELEVANT SERVICES AUTHORITIES WITH RESPECT TO ANY SERVICE ALTERATIONS OR FOR WORKS IN VICINITY OR CLOSE PROXIMITY TO EXISTING SERVICES.THE CONTRACTOR SHALL BE REQUIRED TO SEEK CLEARANCE, PROGRAM AND 3 COORDINATE THESEWORKS WITH THE RELEVANT SERVICE AUTHORITY AND THEIR
- CONTRACTORS. ANY INFRASTRUCTURE DAMAGE DURING THE DEFECTS LIABILITY PERIOD IS THE RESPONSIBILITY OF THE CONTRACTOR AND IS TO BE REINSTATED TO THE SATISFACTION OF THE SUPERINTENDENT OR THEIR REPRESENTATIVE.
- ALL SERVICES CONDUITS TRENCHES UNDER ROAD PAVEMENTS ARE TO BE BACKFILLED WITH 20mm 3% CEMENT TREATED CLASS 3 CRUSHED ROCK COMPACTED TO A DENSITY NOT LESS
- THAN 95% OF THE MAXIMUM DRY DENSITY VALUE DETERMINED BY THE MODIFIED COMPACTION TEST IN ACCORDANCE WITH A.S.1289.5.2.1-2003. ALL TABLE DRAINS AND VERGES ARE TO BE REINTATED UPON COMPLETION OF WORKS TO THE
- SUPERINTENDENT. CONTRACTOR TO IMPLEMENT SEDIMENT CONTROL BARRIERS / METHODS TO ENSURE SEDIMENT
- TRANSFER TO DOWNSTREAM DRAINS/SURFACES FROM SITE DOES NOT OCCOUR.SHOULD TRANSFER OF SEDIMENT OCCOUR IT IS THE CONTRACTORS RESPONSIBLITY TO REMOVE AND MAKE GOOD ALL DISTURBED AREAS AT THE DISCRETION OF THE SUPERINTENDENT. ALL TRENCHING WORKS TO BE IN ACCORDANCE WITH THE RELEVANT ACT AND REGULATIONS
- ALL EXISTING ASSETS AFFECTED BY THE WORKS ; EG SIGNS , VEHICLE CROSSING , FOOTPATHS , KERB AND LINEMARKING SHALL BE REINSTATED BY THE COMPLETION OF THE WORKS TO THE SATISFACTION OF THE SUPERINTEDENT /OR THEIR REPRESENTATIVE.
- O. OH&S DRAINAGE
- CONTRACTOR TO INTRODUCE MANUAL PROCEDURES PRIOR TO CONSTRUCTION AND
- MAINTENANCE WORKS CONTRACTOR TO INTRODUCE SAFE MAINTENANCE PROCEDURES PRIOR TO UNDERTAKE
- MAINTENANCE WORKS ON THES ASSETS.
- P. PAVEMENTS, KERBING AND ANCILLARY WORKS
- WHERE NEW ASPHALT, CONCRETE K&C, PATHS AND DRIVEWAYS MATCHING INTO EXISTING. THE EXISTING SURFACE IS TO BE SAW CUT AND MATCHED NEATLY.
- PAVEMENT DEPTH SPECIFIED IS A MINIMUM DEPTH AND MAY BE VARIED BY THE SUPERINTENDENT/OR THEIR REPRESENTETIVE. SOFT SPOTS SHALL BE EXCAVETED TO A PROOF ROLLED BASE AND BACKFILLED WITH APPROVED MATERIAL COMPACTED IN 150MM LAYERS TO 2
- ACHIEVE TO A DENSITY NOT LESS THAN 95% OF THE MAXIMUM DRY DENSITY VALUE DETERMINED BY THE STANDARD COMPACTION TEST IN ACCORDANCE WITH AS 1289.5.1.1.2003. AGRICULTURAL DRAINS ARE TO BE PLACED BEHIND ALL KERB AND CHANNEL. KERB ONLY AND 3. EDGE STRIPS IN ACCORDANCE WITH STANDARD DRAWINGS.
- SET OUT DIMENSIONS GIVEN TO KERBING ARE TO THE LIP OF KERB.
- PEDESTRAIN CROSSING TO CONFORM TO AS 1428.1 AND RELEVENT AUTHORITIES STANDARDS DETAILS WHERE APPLICABLE.
- D. DRAINAGE
- 1. ALL STORMWATER DRAINS ARE TO BE CLASS 2 RC OR FCR PIPES UNLESS NOTED OTHERWISE. ALL PIPES ARE TO BE RUBBER RING JOINTED. ALTERNATIVE PIPE MATERIALS MAY BE USED SUBJECT TO APPROVAL BY THE SUPERINTENDENT.
- ALL STORMWATER DRAINAGE PIPES 150 DIAMETER OR LESS TO BE SEWER QUALITY UPVC WITH SOLVENT WELDED JOINTS, UNLESS NOTED OTHERWISE.
- ALL DRAINS BEHIND KERB AND CHANNEL SHALL BE BACKFILLED TO MATCH PAVEMENT SUBGRADE LEVEL WITH 20MM CLASS 2 FCR COMPACTED TO 95% OF THE MAXIMUM DRY DENSITY VALUE
- ALL TRENCHING WORKS TO BE IN ACCORDANCE WITH THE RELEVENT ACT AND REGULATIONS. DRAINAGE TRENCHES AND EXCAVATIONS BENEATH PAVEMENTS ARE TO BE BACKFILLED ITH CLASS 2 CRUSHED ROCK(20MM SIZE) AND COMPACTED TO 98% MODIFIED DRY DENSITY OR AS SPECIFIED.
- SUBSOIL DRAINS LAID BEHIND ALL KERB AND CHANNEL TO BE 90MM DIAMETER PERFOATED CORRUGATED CLASS 1000.
- PIT COVER LEVELS TO MATCH SURROUNDING FINISHED LEVELS. 6
- 7. ALL DOWN PIPE CONNECTIONS TO BE MINIMUM 100 DIAMETER OR EQUAL DOWN PIPE DIAMETER UNLESS OTHERWISE NOTED. ALL PIPES TO BE SEWER QUALITY UPVC, WITH SOLVENT WELDED JOINS AT 1 IN 100 MINIMUM GRADE
- EXISTING STORM WATER PIPE TO BE ABONDONED IS TO BE CUT AND SEALED WITH CONCRETE AT BOTH ENDS.
- 9. ALL PIT SETOUT COORDINATES ARE AT THE CENTRE THE PIT.
- E. EARTHWORKS

- TOP SOIL TO BE STRIPPED ACROSS THE DEVELOMENT SITE AS REQUIRED
- ALL EXCAVATED AND FILLED BATTER AREAS SHALL BE SURFACED WITH A 150MM LAYER OF APPOVED TOPSOIL OR AS SHOWN OTHERWISE ON THE DRAWINGS.
- LEVELS PROVIDED ARE FINISHED SURFACE LEVELS. EARTHWORKS SHOULD THEREFORE BE FINISHED ATH THE APPRORIATE LEVELS TO ALLOW FOR THE CONSTRUCTION OF PAVEMENTS
- AND SHOULDERS AS DOCUMENTED. EARTHWORK SPOIL IN EXCESS OF SITE FILL REQUIREMENTS SHALL BE DISPOSED OFF SITE.
- TOPSOIL TO BE STOCKPILLED FOR FUTURE LANDSCAPING USE. THE LOCATION OF TOPSOIL STOCKPILE SHALL BE AS APPOVED OR DIRECTED BY THE SUPERINTENDENT. SUBJECT TO THE SUPERINTENDENTS APPROVAL TOPSOIL IN EXCESS TO SITE RQUIREMENTS SHALL BE DISPOSED
- OFF SITE. PRIOR TO EARTH FILLING WORKS ALL VGETATION AND TOPSOIL SHALL BE STRIPPED. THE EXPOSED EM EMBANKMENT FOUNDATION SHALLBE MOISTURE CONDITIONED AND COMPACTED TO A MINIMUM OF 98% STANDARD COMPACTION PRIOR FILLING OR PAVEMENT CONSTRACTION.
- A SUITABLY QUALIFIED GEOTECHNICAL ENGINEER (AT CONTRACTOR EXPENSE) IS O BE ENGAGED BY THE CONTRACTOR TO WITNESS AND APPROVE THE SUBGRADE PREPARATION WORKS AND AND FINAL PROFF ROLLING AS ADEQUATE FOR CONSTRUCTION.
- ANY SOFT, WET OR UNSUITABLE SUBGRADE MATERIALS, AS DEFINED IN THE SPECIFICATION, SHALL BE REMOVED AND REPLACED WITH AN APPROVED MATERIAL.
- EXCAVATED MATERIAL WICH WICH CONFORMSWITH THE SPECIFICATION REQUIREMENTS FOR FILL MAY BE USED AS BACKFILL.
- MANTAINING A TEMPORARY SITE DRAINAGE SYSTEM AND TO MAINTAIN THE STE IN A DRY AND STABLE CONDITION. DETAILS OF THE THE DRAINAGE SYSTEM SHALL BE SUBMITTED FOR THE APPROVAL OF THE SUPERINTENDENT.
- ALL COMPACTION TO BE CARRIED OUT IN ACCORDANCE WITH COMPACTION PROCEDURES AND 11. DEFINEDIN AS-1289.5.2.1 TEST PROCEDURE.CERTIFICATION IS TO BE AN INDEPENDENT GEOTECHNICAL ENGINEER (AT CONTRACTOR'S EXPENSE).
- BENEATH PAVEMENTS A NON-EXPENSIVE APPROVED SELECT FILL SHALL BE PLACED WHERE REQUIRED IN UNIFORM LAYERS NOT TO EXCEEDING 200MM.LOOSE THICKNESS AND COMPACTED 12. TO ACHIEVE A MINIMUM DRY DENSITY RATIO OF 98%, REFER TO RELEVANT SECTION IN CIVIL SPECIFICATION.
- THE CONTRACTOR IS TO REVIWE THE GEOTECHNICAL REPORT AND CIVIL SPECIFICATION FOR SUBGRADE PREPARATION, SOIL PARAMETERS AND CONSTRUCTION METHODOLOGY TO SUIT THE
- THE EXISTING NATURAL TOPSOIL / FILLING AND FOUND WORKS ON NATURAL UNDISTURBED STIFF CLAY.
- LINEMARKING & SIGNAGE
- ALL TRAFIC CONTROL MEASURES, PROPOSED SIGNS AND LINEMARKING SHALL BE IN ACCORDANCE WITH AS1742 PARTS 1,2 &3.
- 1743-2001.
- ALL LINE MARKING TO BE ACCORDANCE WITH AS1742.
- ALL LINE MARKING TO BE SOLVENT BASED PAINT OF LONG LIFE QUALITY IN ACCORDANCE WITH
- VIC ROADS REQUIREMENTS AND AUSTRALIAN STANDARDS. ROAD PAVEMENT MARKINGS TO BE MARKED OUT WITH 100MM WHITE LINS UNLESS DENOTED
- 5. OTHERWISE
- CAR PARKING BAYS MARKINGS ARE TO BE 80MM WIDE LINES.
- GABIONS G
- GENERAL NOTES
- ALL DIMESIONS ARE IN MILLIMETERS UNLESS SHOWN OTHERWISE
- REFER TO GEOTECHINICAL FUCTUSL REPORT AND OR GEOTECHCHINICAL INTERPRETIVE REPORT FOR BOREHOLE (BH) AND SUBSURFACE INFORMATION.
- ROAD SIDE STORMWATER DRAINAGE TO BE DESIGNED BY OTHERS
- SYSTEM.
- GABION NOTES
- THE GABION MUST BE IN ACCORDANCE RMS QA SPECIFICATION R55. GEOTEXTILES MUST BE IN ACCORDANCE WITH RMS QA SPECIFICATION R63
- 6
- GABION BASKETS MUST BE GALVANISED AND FULLY LACED TO BOTH UPPER AND LOWER
- NEIGHBOURING BASKETS.
- GABION MUST BE DIVIDED INTO CELL OF LENGTH NOT GRATER THAN 2M. THE FRONT FACE AND ALL OTHER EXPOSED FACES IN GABION SHALL BE HAND PACKED WITH
- ROCKS SO AS TO PRODUCE A SMOTH FINISH. FOUNDATION NOTES
- 12. THE MINIMUM ALLOWABLE BEARING PREASURE OF FOUNDATION IS 150 KPA.
- UNSUITABLE MATERIALS BELOW THE FOUNDATION LEVEL OF THE GABION WALLSHALL BE 13. REMOVED AND REPLACED WITH SELECT FILE. FOUNDATION MATERIAL MUST BE VARIED BY
- SUITABLY QUALIFIED GEOTCHINICAL ENGINEER ON SITE TO CONFIRM THE DESIGN. 14. FOUNDATION BASE MUST BE LEVEL PRIOR TO REPLACE THE GABION WALL.
- DESIGN CRITERIA
- SPECTRAL SHAPE FACTOR=REFER TO AS 1170.4.
- SURCHARGE LOADING IS 5 kPa (FOR NON-TRAFFIC).
- 17. SURCHARGE LOADING IS 20KPa FOR TRAFFIC LOADING. CONSTRUCTION SEQUENCE
- 20. ANY UTILITIES WITHIN THE VACINITY MUST BE RELOCATED PRIOR TO EXCAVATION.
- EXCAVATE DOWN TO TH GABION WALL FOUNDATION LEVEL ANY TEMPORARY EXCAVATION PROFILES STABILITY TO BE ASSESSED BY SUITABLY QUALIFIED GEOTECHNICAL ENGINEER.
- 22. PLACE 50MM OF MASS CONCRETE.
- 23. INSTALL THE FIRST LAYER OF GABION ON THE FOUNDATION.
- 24. INSTALL THE GEOTEXTILE AND DRAINAGE LAYER.
- 25. PLACE THE BACKFILL AND COMPACT TO MEET THE REQUIREMENT OF SPECIFICATION R44.
- 26. REPEAT STEPS 25 AND 26 UP TO THE TOP LAYER.
- NB. NOTES FOR USE OF THES DRAWINGS

DESIGNER.

THIS STANDARD DRAWING SHALL NOT BE USED FOR THESE CASE WHERE TRAFFIC LIVE LOADS (NOT REFER TO SHORT TERM MAINTANCE) ARE DIRECTLTY ABOVE THWE WALL AND WALL SHALL BE LOCATED OUTSIDE THE ACTIVE BEARING PRESSURE INFLUENCE ZONE FROM LIVE TRAFFIC.

4. THIS DESIGNER LIMITED TO 2H:1V SLOPING GROUND.

ENSURE ITS APPLICABILITY TO THR SITE.

FOR AS COSTRUCTION DRAWINGS).

DURING CONSTRUCTION THE CNTRACTOR SHALL BE RESPONSIBLE FOR CONDUCTIONG AND

CONDITIONS ONSITE THE CONTRACTOR'S ATTENTION IS DRAWN TO THE REQUIREMENT TO STRIP

ALL SIGNS TO BE CLASS 1 HIGH INTENSITY TYPE AND COMPLY WITH THE REQUIREMENTS OF A.S.

ALL SUBSURFACE DRAINAGE SHALL BE PROPERLY DISCHARGED TO THE NEARBY PIT/ DAINAGE

7. A NON WOVEN GEOTEXTILES SHALL BE INCPORATED AT THE REAR FACE OF THE GIBION UNITS.

15. FOR EARTHQUAKE ACCELERATION CO-EFFICIENT= REFER TO AS 5100.2 AND AS 1170.4 FOR

THIS IS A STANDARD DRAWING IT IS USER RESPONSIBILITY TO ASSESSTHE DRAWING AND

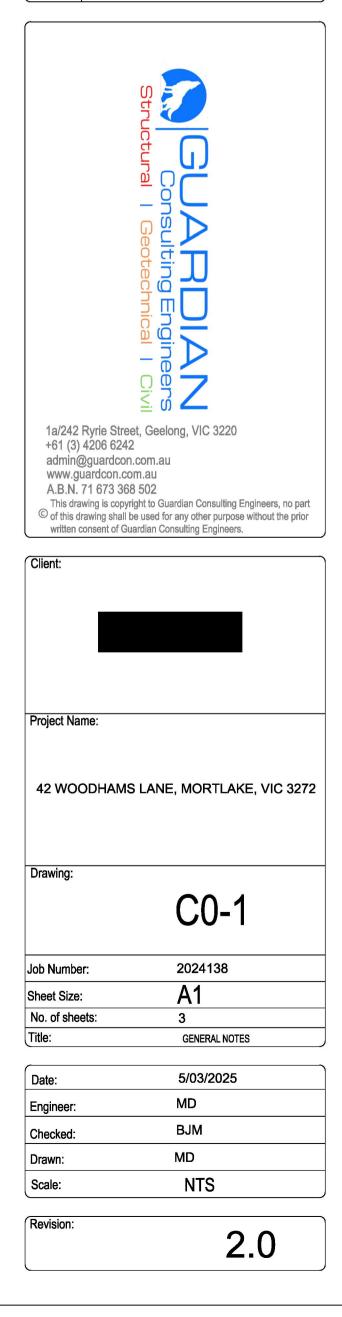
THE DESIGN SET IS LIMITED TO WALL HEIGHT ≤ 3500mm (REFER TO TABLE 2 , SHEET 5).FOR WALL 3. HEIGHTS BEYOND 3500 mm A SEPERATE DESIGN MUST BE DEVELOPED BY A SUITABLY QUALIFIED

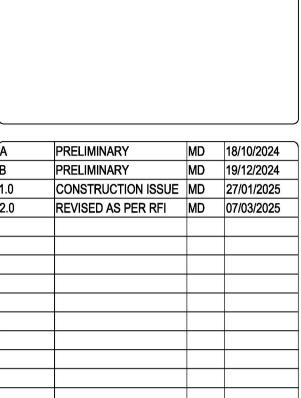
THE DESIGNER MUST TAKE INTO CONSIDERATION SAFE ACCESS FOR MAINTENCE INSPECTION OF THE WALL AND CLEANING OF THE DISH DRAIN AND OVERALL ACCESS BY THE PUBLIC TO THE TOP OF THE WALL.RISK ASSEMENT MUST BE CONSIDERE IN THE DESIGN PROCEDURE AND DOCUMENTED IN TH DESIGN REPORT.SAFETY ELEMENTS DETAILED IN THE REPORT MUST BE INCLUDED ON THE DESIGN DRAWINGS WITH APPOPRIATE NOTES. (THIS NOTE TO BE REMOVED

6. THSE DRAWINGS MUST BE READ IN CONJUCTION WITH OTHER DRAWINGS.

THESE GABION WALL DRAWING ARE TO BE USED ON DOWNSLOPE ONLY WHERE THEY ARE TO BE 7. USED ON THE ONSLOPE SECTIONS AND ARE EXPOSED TO TRAFFIC IMPACTS, APPROPRIATEIMPACT BARRIERS ARE TO BE PROVIDED.

Ā	PRELIMINARY	MD	18/10/2024
В	PRELIMINARY	MD	19/12/2024
1.0	CONSTRUCTION ISSUE	MD	27/01/2025
2.0	REVISED AS PER RFI	MD	07/03/2025
	CONSTRUCTION ISSU	JE	





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 A	PRELIMINARY	MD	18/10/2024
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B 1.0	PRELIMINARY CONSTRUCTION ISSUE		
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 Starwing Starbase Starbase

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CONSTRUCTION ISSUE



DO NOT SCALE FROM THIS DRAWING. REFER TO TITLE BOUNDARY DRAWINGS FOR DETAIL DIMENSIONS.

BUILDING ORIENTATION SHALL BE OBTAINED FROM ARCHITECTS DRAWINGS FOR POST DEVELOPMENT.

SITE FEATURES PLAN HAS BEEN SUPPLIED BY OTHERS AND TO BE CONFIRMED ON SITE

	TRAFFICABLE (FOR FUTURE D BY OTHERS
RL 133.xxx	EXISTING SURV LEVEL
IL 132.xx	DESIGN PIPE INVERT LEVEL TBC ONSITE
>>>	EARTH SWALE & DIRECTION O
	STORMWATER
1	DRAINAGE PIT
1	GENERAL FAL
4	GENERAL FAL
	DENOTES DRA

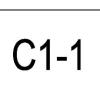
TRAFFICABLE CONCRETE PAVEMENT FOR FUTURE DEVELOPMENT BY OTHERS EXISTING SURVEY LEVEL DESIGN PIPE INVERT LEVEL TBC ONSITE EARTH SWALE DRAINAGE DEPRESSION & DIRECTION OF FALL

STORMWATER PIPE SIZE & GRADE AS NOTED

DRAINAGE PIT AND DESIGNATION GENERAL FALL DIRECTION IN FINISHED SURFACE

GENERAL FALL DIRECTION IN OVERLAND SURFACE DENOTES DRAINAGE RESERVE

DENOTES OPEN DRAIN CHANNEL



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Job Number:	2024138
Sheet Size:	A1
No. of sheets:	3

Title:	STORMWATER DRAINAGE PLAN
Date:	5/03/2025
Engineer:	MD
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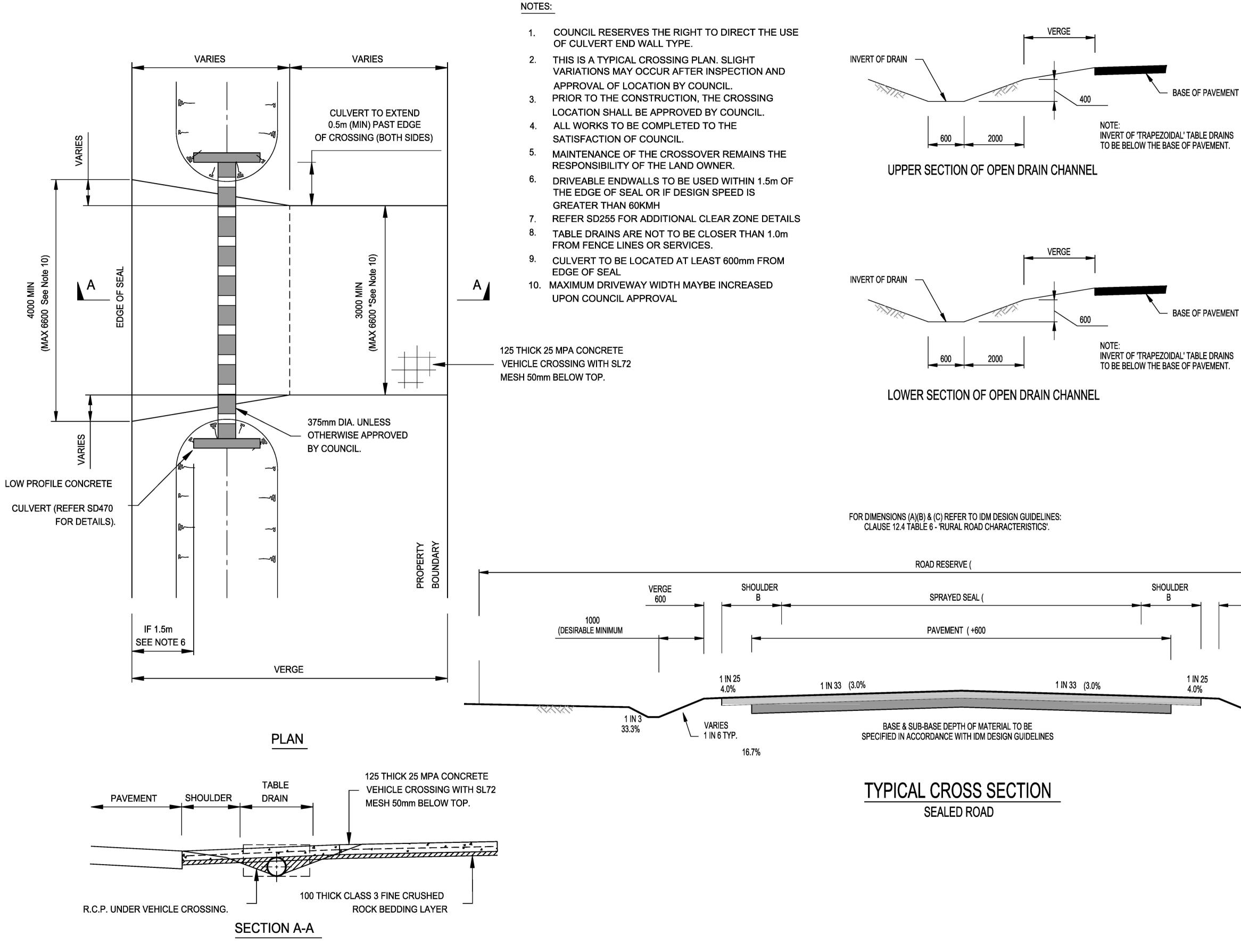
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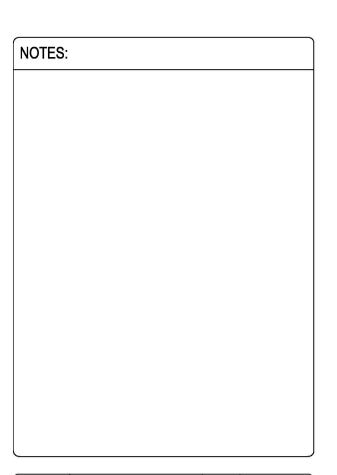
Project Name:

Drawing:



ALL MEASUREMENTS IN MILLIMETRES

TYPICAL SWAL DRAIN VEHICLE CROSSING NTS



A	PRELIMINARY	MD	18/10/2024
В	PRELIMINARY	MD	19/12/2024
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2.0	REVISED AS PER RFI	MD	07/03/2025
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Project Name:

42 WOODHAMS LANE, MORTLAKE, VIC 3272

Drawing:

C2-1

Job Number:	2024138
Sheet Size:	A1
No. of sheets:	3
Title:	STORMWATER DRAINAGE DETAILS

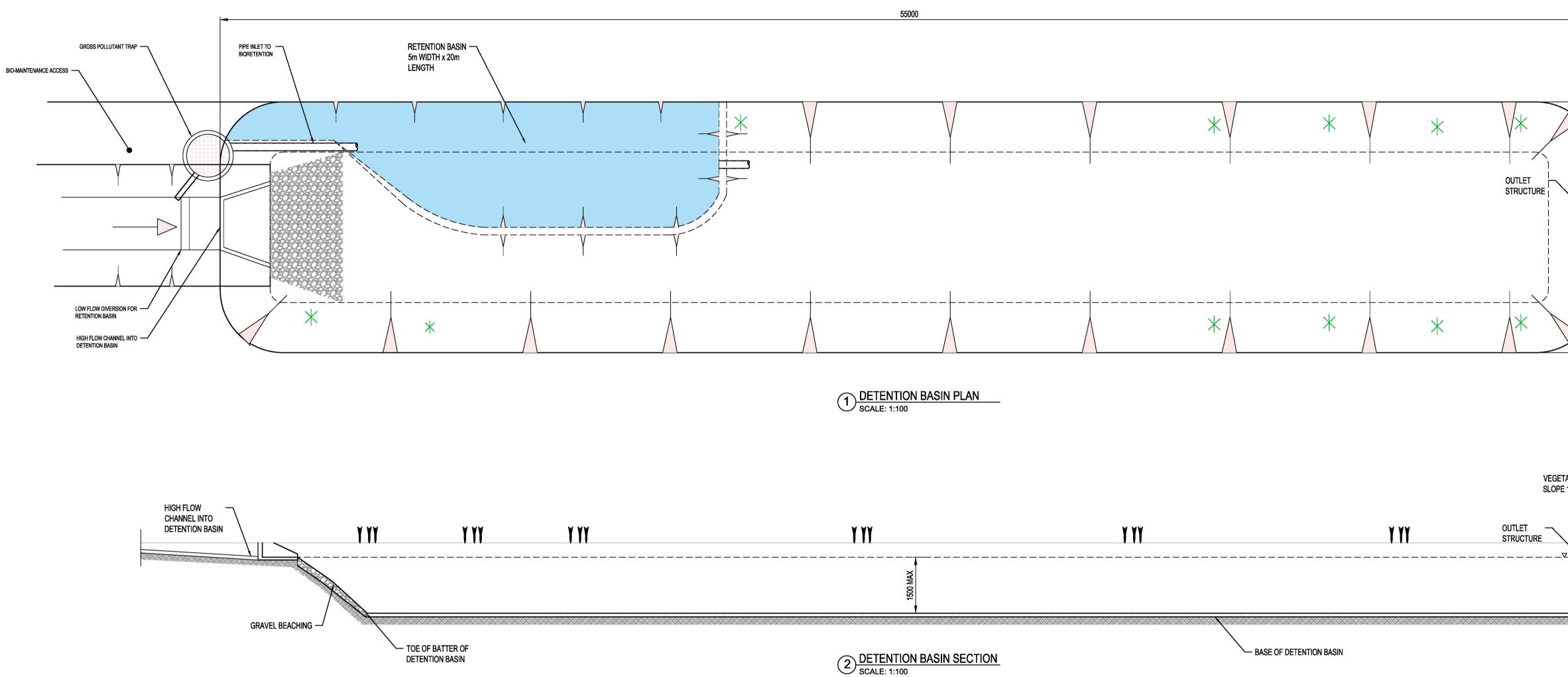
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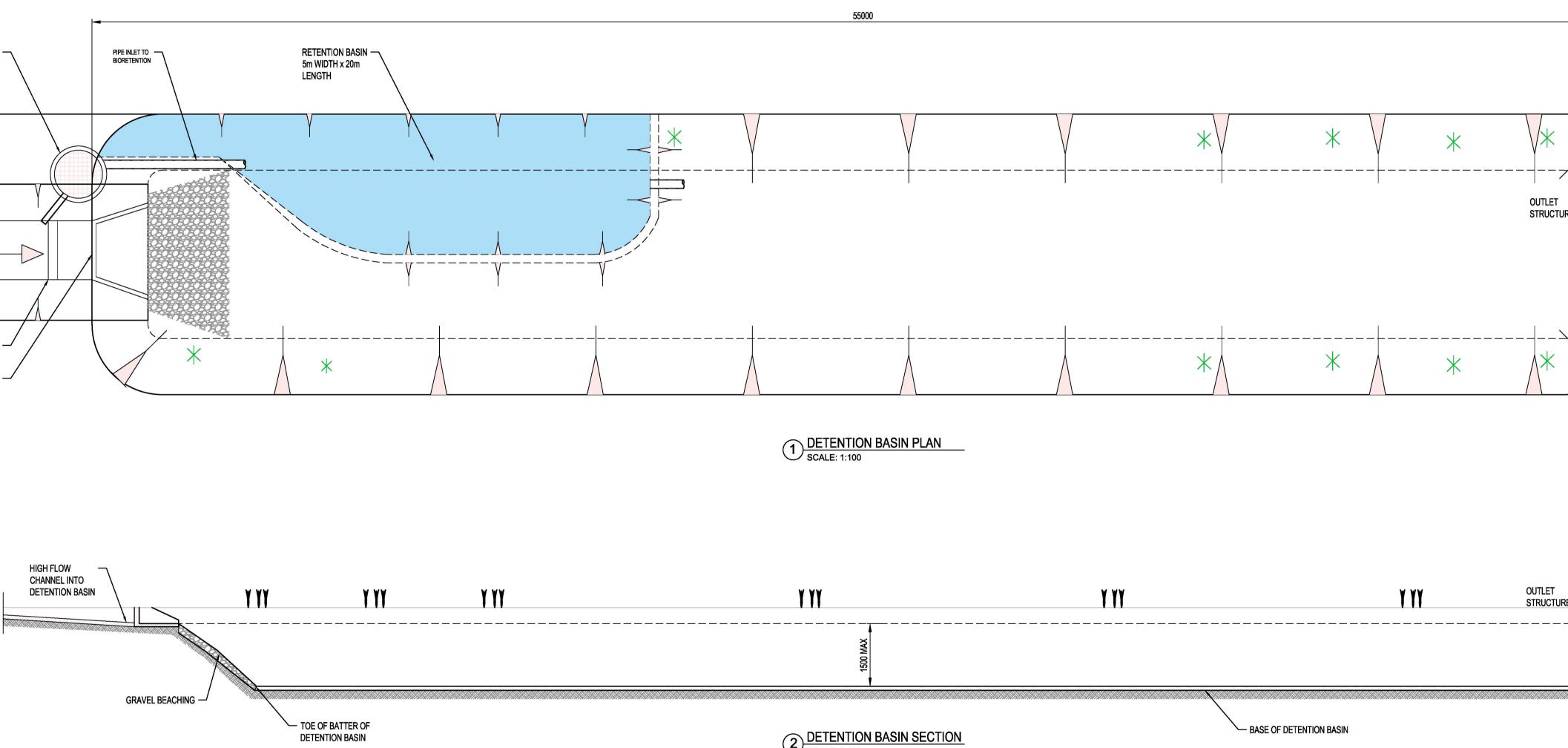
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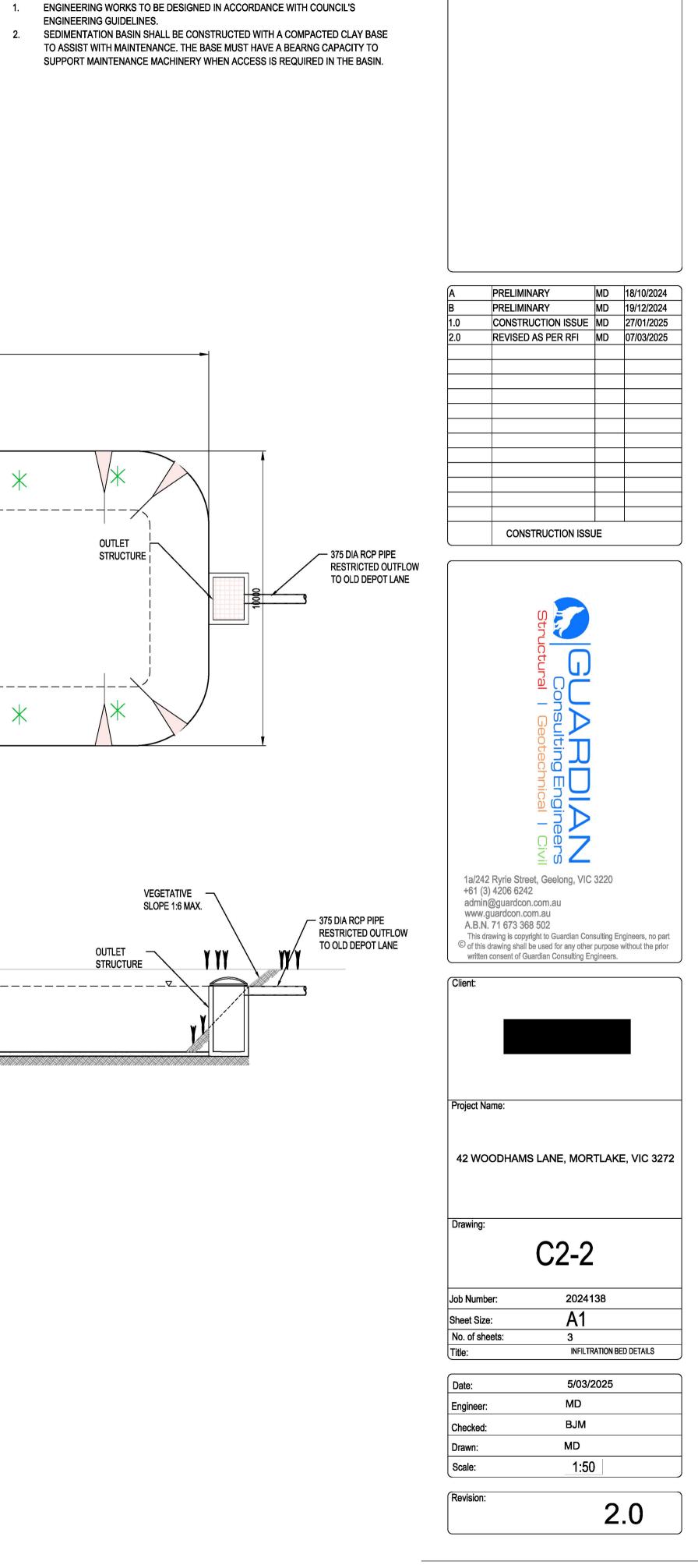
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Revision:









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