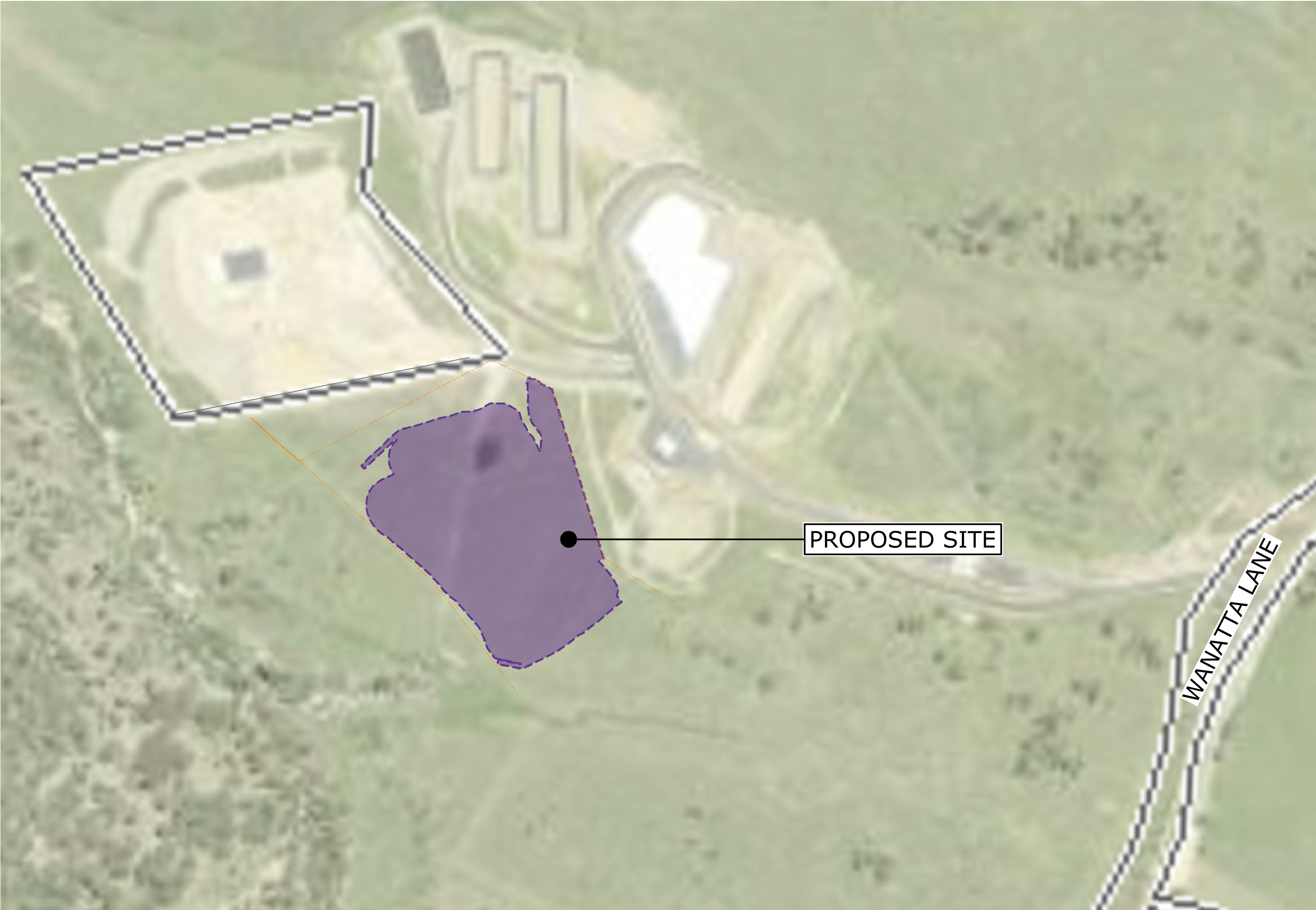


SOILCO DEVELOPMENTS LTY LTD
BEGA COMPOST FACILITY CIVIL DESIGN
LOT 402 DP 1191314
WANATTA LANE, WOLUMLA NSW 2550

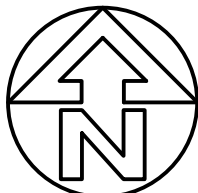


LOCALITY PLAN
N.T.S.

DRAWING SCHEDULE	
Sheet Number	Sheet Title
C0001	LOCATION PLAN & DRAWING SCHEDULE
C0005	GENERAL ARRANGEMENT PLAN - STG 1 (15K)
C0006	GENERAL ARRANGEMENT PLAN - STG 2 (30K)
C0011	SPECIFICATION NOTES
C0101	SOIL & WATER MANAGEMENT PLAN - STG 1 (15K)
C0102	SOIL & WATER MANAGEMENT PLAN - STG 2 (30K)
C0151	SOIL & WATER MANAGEMENT NOTES & DETAILS
C0201	EARTHWORKS PLAN - STG 1 (15K)
C0202	EARTHWORKS PLAN - STG 2 (30K)
C0251	EARTHWORKS SECTIONS - STG 1 (15K) - SHEET 1 OF 2
C0252	EARTHWORKS SECTIONS - STG 1 (15K) - SHEET 2 OF 2
C0253	EARTHWORKS SECTIONS - STG 2 (30K)
C0301	ENGINEERING PLAN - STG 1 (15K)
C0302	ENGINEERING PLAN - STG 2 (30K)
C0321	LONGITUDINA & TYPICAL CROSS SECTION - ROAD 01 (MC01)
C0581	SWEPT PATH PLANS
C0801	TYPICAL DETAILS

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SHEET SIZE					
A1					
100mm ON ORIGINAL DRAWING - DO NOT SCALE DRAWING					
					COORDS: GDA2020 MGA ZONE 55
					DATUM: ALL LEVELS TO A.H.D.
					SCALE: N.T.S.
					SURVEYED: VERIS
					SURVEY DATE: 27.01.2022
					APPROVED / PROJECT LEADER
C	RESPONSE TO COUNCIL RFI	18.08.25	SA	IR	
B	RESPONSE TO COUNCIL RFI	26.03.24	SA	IR	
A	FOR EIS SUBMISSION	29.02.24	TP	IR	
REV	AMENDMENT / REASON FOR ISSUE	DATE	DES.	DWN.	SINA ARBABZADEH



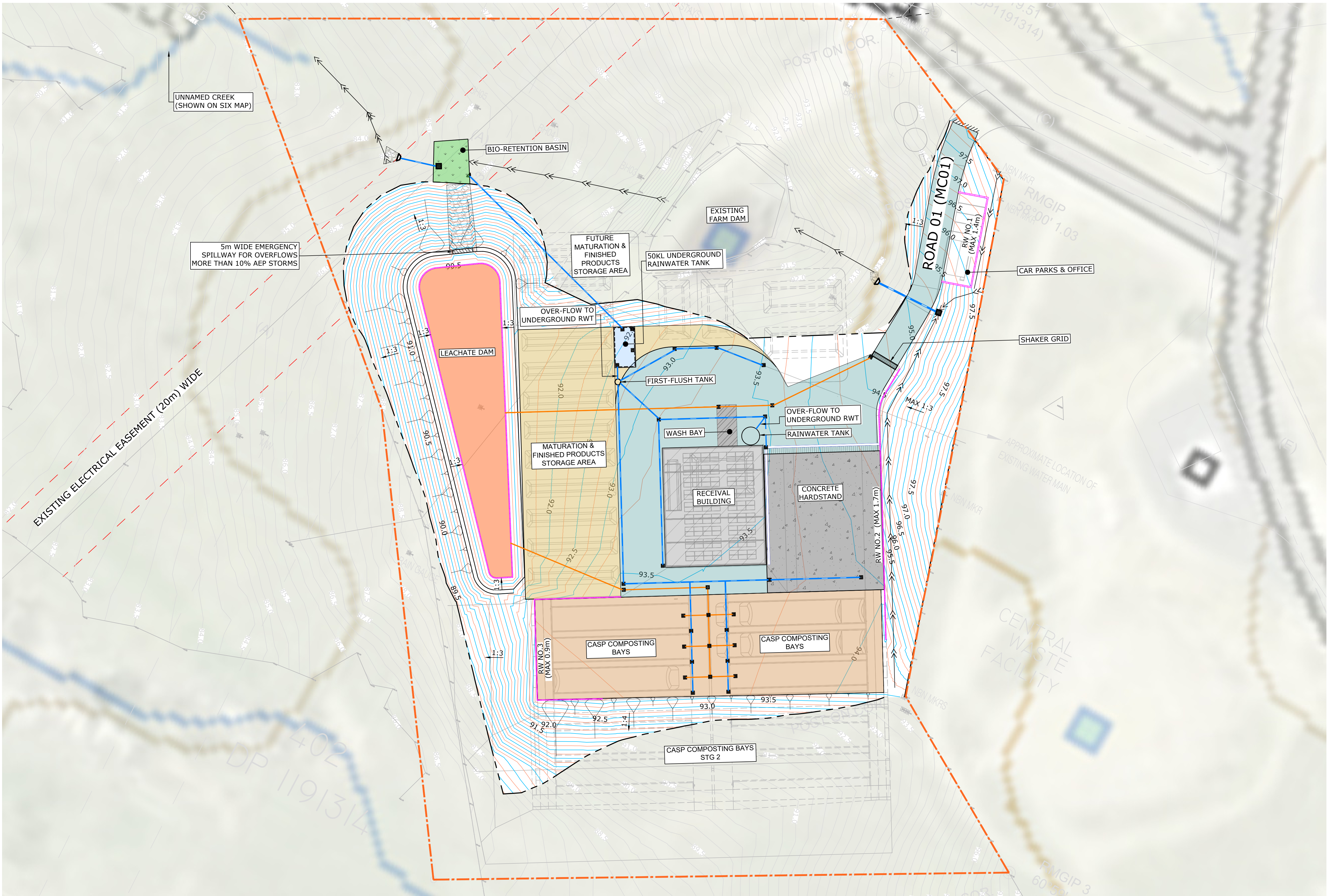
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BEGA COMPOST FACILITY			
WANATTA LANE, WOLUMLA NSW 2550			
LOCATION PLAN & DRAWING SCHEDULE			
FILENAME:	PROJECT NUMBER	DRAWING NUMBER	REVISION
232321_DW_C0001_COV.DWG	232321	C0001	C



LEGEND

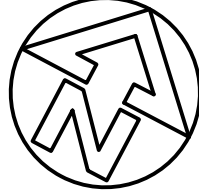
- SITE BOUNDARY
- CONCRETE HARDSTAND
- ACCESS CIRCULATION WAY
- MATURATION & FINISHED PRODUCTS STORAGE AREA
- CASP COMPOSTING BAYS
- LEACHATE DAM
- UNDERGROUND RAINWATER TANK
- RECEIVAL BUILDING
- WASH BAY
- BIO RETENTION BASIN
- 20m WIDE EXISTING ELECTRICAL EASEMENT
- DIVERSION/OVERLAND FLOW SWALE

0 5 10 20 30
1 : 500m (A1) - 1 : 1,000m (A3)

100mm ON ORIGINAL DRAWING - DO NOT SCALE DRAWING

SHEET SIZE
A1

					COORDS: GDA2020 MGA ZONE 55 DATUM: ALL LEVELS TO A.H.D.
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					APPROVED / PROJECT LEADER
					SINA ARBABZADEH
REV	AMENDMENT / REASON FOR ISSUE	DATE	DES.	DWN.	
E	RESPONSE TO COUNCIL RFI	05.09.25	SA	IR	
D	RESPONSE TO COUNCIL RFI	18.08.25	SA	IR	
C	BOUNDARY UPDATE	06.09.24	SA	EJ	
B	RESPONSE TO COUNCIL RFI	26.03.24	SA	IR	
A	FOR EIS SUBMISSION	29.02.24	TP	IR	



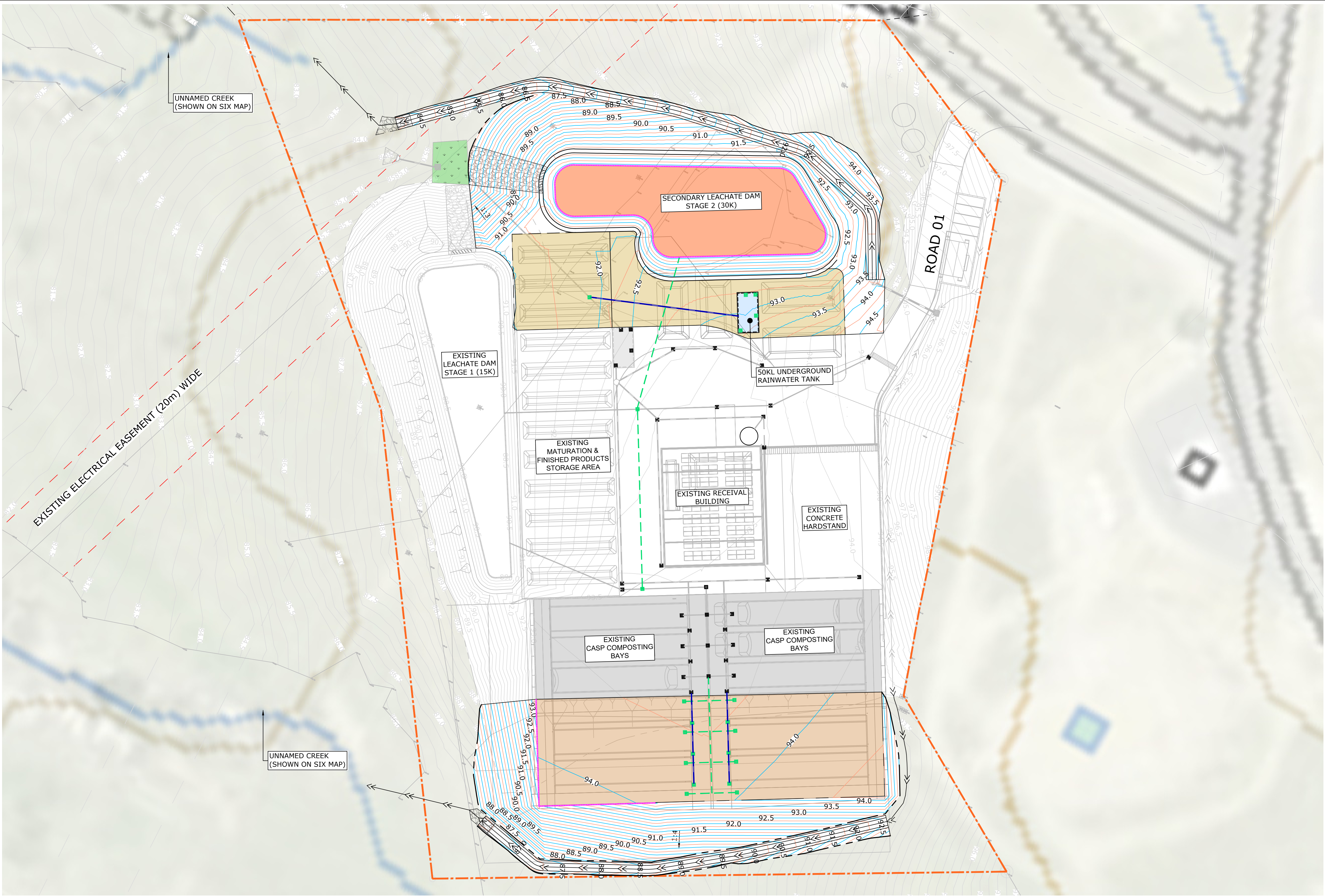
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SOILCO DEVELOPMENTS LTY LTD
BEGA COMPOST FACILITY
WANATTA LANE, WOLUMLA NSW 2550
GENERAL ARRANGEMENT PLAN - STG 1 (15K)

FILENAME:	PROJECT NUMBER	DRAWING NUMBER	REVISION
232321_DW_C0005_GEN.DWG	232321	C0005	E



LEGEND

- SITE BOUNDARY
- CONCRETE HARDSTAND
- MATURATION & FINISHED PRODUCTS STORAGE AREA
- CASP COMPOSTING BAYS
- LEACHATE DAM
- BIO RETENTION BASIN
- 20m WIDE EXISTING ELECTRICAL EASEMENT
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1 : 500m (A1) - 1 : 1,000m (A3)

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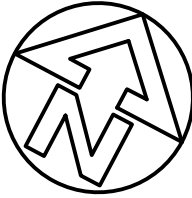
SHEET SIZE
A1

COORDS: GDA2020 MGA ZONE 55
DATUM: ALL LEVELS TO A.H.D.

SCALE: 1:500

SURVEYED: VERIS
SURVEY DATE: 27.01.2022

APPROVED / PROJECT LEADER
SINA ARBABZADEH



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SOILCO DEVELOPMENTS LTD LTD
BEGA COMPOST FACILITY
WANATTA LANE, WOLUMLA NSW 2550
GENERAL ARRANGEMENT PLAN - STG 2 (30K)

FILENAME: 232321_DW_C0006_GEN.DWG PROJECT NUMBER 232321 DRAWING NUMBER C0006 REVISION B

3. READ THESE NOTES IN CONJUNCTION WITH OTHER ENGINEERING DRAWINGS, SPECIFICATIONS, AND WRITTEN INSTRUCTIONS.
2. THE SUPERINTENDENT IS AS NOMINATED IN THE CONTRACT.
3. REFER TO THE DRAWINGS FOR SET-OUT AND DETAIL DIMENSIONS. IN CASE OF DISCREPANCY, PRECEDENCE IS GIVEN TO DRAWINGS, THEN NOTES, THEN DIMENSIONS.
4. WHEN A DISCREPANCY IS ON THE DRAWINGS, IMMEDIATELY ADVISE THE SUPERINTENDENT AND REPORT NATURE OF DISCREPANCY.
5. DO NOT OBTAIN DIMENSIONS BY SCALING FROM DRAWINGS.
6. SUPPLY ALL RELEVANT DRAWINGS, NOTES, AND SPECIFICATIONS ETC. TO SUB-CONTRACTORS.
7. BUILD, FABRICATE AND PROCURE ONLY FROM DRAWINGS MARKED AS "ISSUED FOR CONSTRUCTION".
8. KEEP ON SITE A COMPLETE SET OF CONTRACT DOCUMENTS (INCLUDING DRAWINGS AND SPECIFICATIONS) AND SITE INSTRUCTIONS.
9. SUBMIT DETAILS OF PROPOSED CHANGES TO SCOPE, WORK METHODS OR MATERIALS, ETC. FOR APPROVAL BEFORE PROCEEDING. APPROVAL DOES NOT AUTHORISE A VARIATION TO THE CONTRACT.
10. NOMINATION OF PROPRIETARY ITEMS DOES NOT INDICATE EXCLUSIVE PREFERENCE, BUT INDICATES REQUIRED PROPERTIES OF ITEM. SIMILAR ALTERNATIVES HAVING REQUIRED PROPERTIES MAY BE OFFERED FOR APPROVAL. APPROVAL DOES NOT AUTHORISE A VARIATION TO THE CONTRACT. INSTALL PROPRIETARY ITEMS IN ACCORDANCE WITH MANUFACTURERS REQUIREMENTS AND RECOMMENDATIONS.
11. OBTAIN NECESSARY PERMITS AND APPROVALS FOR RELEVANT AUTHORITIES BEFORE COMMENCING WORK ON SITE. NOTIFY ALL RELEVANT AUTHORITIES
12. GIVE TWO WORKING DAYS (48 HOURS) NOTICE SO THAT INSPECTIONS MAY BE MADE OF CRITICAL STAGES OF WORK.
13. INSPECTIONS AND REVIEWS UNDERTAKEN BY THE SUPERINTENDENT OR OTHERS DO NOT RELIEVE THE CONTRACTOR OF RESPONSIBILITY FOR COMPLIANCE WITH DRAWINGS AND SPECIFICATIONS.
14. THESE DRAWINGS DO NOT DETAIL TEMPORARY WORKS. CONSTRUCTION METHODS AND TEMPORARY WORKS ARE THE RESPONSIBILITY OF THE CONTRACTOR.

1. ALL LEVELS ARE EXPRESSED IN METRES. THE LEVEL DATUM IS THE AHD UNLESS OTHERWISE NOTED.
2. ALL CO-ORDINATES ARE TO GDA2020, MGA2020 ZONE 55.
3. ALL SETOUT DIMENSIONS AND LEVELS TO BE CONFIRMED ON SITE PRIOR TO CONSTRUCTION.
4. SITE SURVEYING AND SETTING OUT SHALL BE CARRIED OUT BY A REGISTERED SURVEYOR.
5. SITE BOUNDARIES ARE TO BE ESTABLISHED PRIOR TO CONSTRUCTION OF BOUNDARY FENCING.
6. VERIFY ON SITE SETTING OUT DIMENSIONS AND EXISTING MEMBER SIZES SHOWN ON DRAWINGS BEFORE SHOP DRAWINGS, CONSTRUCTION, AND FABRICATION HAS COMMENCED. EXISTING STRUCTURES SHOWN ON DRAWINGS ARE IN APPROXIMATE LOCATIONS ONLY.

1. THE CONTRACTOR IS TO CONTACT ALL RELEVANT SERVICE AUTHORITIES TO OBTAIN LOCATIONS OF ANY SERVICES IN THE AREA PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. (ANY REPAIRS TO DAMAGED SERVICES WILL BE AT THE CONTRACTORS COST).
2. THE EXISTING SERVICE INFORMATION CONTAINED IN THESE DRAWINGS IS INDICATIVE ONLY AND REFERENCE SHALL BE MADE TO THE RELEVANT AUTHORITIES DOCUMENTATION TO CONFIRM ACCURACY AND COMPLETENESS.
3. WHERE INFORMATION IS AVAILABLE, EXISTING SERVICES INSTALLED BY CONTRACTORS OTHER THAN THE AUTHORITIES HAVE BEEN SHOWN, BUT ADDITIONAL UNDOCUMENTED SERVICES MAY BE PRESENT. SHOULD THE CONTRACTOR BELIEVE THAT EXISTING SERVICES ARE AT RISK OF DAMAGE DURING CONSTRUCTION, THE CONTRACTOR SHOULD NOTIFY THE RELEVANT AUTHORITIES AND ESTABLISH THE EXACT LOCATION OF THE SERVICES.
4. TAKE CARE OF HAZARDS ASSOCIATED WITH BURIED, CONCEALED OR OVERHEAD SERVICES. TAKE PRECAUTIONS AND UNDERTAKE EXPLORATION TO ESTABLISH LOCATIONS OF, AND PROTECT, EXISTING SERVICES ON SITE. SERVICES SHOWN ON DRAWINGS ARE IN APPROXIMATE LOCATIONS ONLY. SERVICES OTHER THAN THOSE SHOWN MAY EXIST ON SITE. MARK LOCATIONS OF SERVICES CLEARLY ON SITE, AND ON AS-BUILT DRAWINGS. HAND EXCAVATE WITHIN ONE METRE OF IN-GROUND SERVICES.
5. THE CONTRACTOR TO CONTINUOUSLY AND PROGRESSIVELY SURVEY INSTALLED SERVICES AND OTHER CONTRACT WORKS IN ORDER TO PREPARE AS CONSTRUCTED DRAWINGS.
6. THE CONTRACTOR IS TO CAP AND/OR ISOLATE SERVICES NOT REQUIRED. THE CONTRACTOR IS TO WORK AROUND AND NOT DAMAGE SERVICES TO BE KEPT LIVE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CHECK THE STATUS OF EACH SERVICE AS THEY ARE IDENTIFIED.

1. TREES TO BE RETAINED WITHIN THE CONSTRUCTION AREAS ARE TO BE PROTECTED BY TREE PROTECTION FENCING IN ACCORDANCE WITH THE APPROVED LANDSCAPE MANAGEMENT PLANS OR AS DIRECTED BY THE PRINCIPAL.
2. ESTABLISHED A RESTRICTION BOUNDARY AROUND PROTECTED PLANT WITH PARAWEB FENCING. TEMPORARILY RELOCATE FENCE TO ALLOW CONSTRUCTION OF REQUIRED WORKS AND RE-ESTABLISHED PROTECTION ZONE AFTER WORKS ARE COMPLETED.
3. THE CONTRACTOR IS TO RESTRICT THE AMOUNT OF VEGETATION CLEARED TO THE ABSOLUTE MINIMUM REQUIRED FOR THE EXECUTION OF THE WORKS.

21. ERECT AND MAINTAIN SILT FENCE AT THE DOWNSLOPE SIDE OF DISTURBED AREA/S DURING CONSTRUCTION.
22. PLACE SEDIMENT INLET TRAPS AROUND ALL PITS WITHIN, AND DOWNSTREAM OF THE DEVELOPMENT
23. PROVIDE GRAVEL BAGS AS REQUIRED.
24. SILT FENCE AND HAY BALING TO BE PLACED WHERE DIRECTED BY COUNCIL'S ENGINEER AND MAINTAINED AT ALL TIMES.
25. WHERE EVIDENCE OF SILT LEAVING THE SITE IS FOUND, CONTRACTOR IS TO CLEAR ALL SEDIMENT (INCLUDING THAT IN STORMWATER INFRASTRUCTURE) AT THEIR COST.
26. FOLLOWING RAIN EVENTS, ALL SEDIMENT AND EROSION CONTROL MEASURES ARE TO BE AUDITED AND REINSTATED IF NECESSARY.
27. CONTROL CLEAN WATER FROM ABOVE THE SITE, THROUGH THE SITE AND KEEP CLEAN WATER SEPARATE FROM DIRTY WATER.
28. WHERE PRACTICAL, CATCHDRAINS ARE TO BE CONSTRUCTED UPSLOPE OF THE SITE REGRADE TO DIVERT CLEAN SURFACE WATER.
29. ALL DISTURBED AREAS ARE TO BE RE-VEGETATED OR OTHERWISE PROTECTED AS SOON AS PRACTICAL.

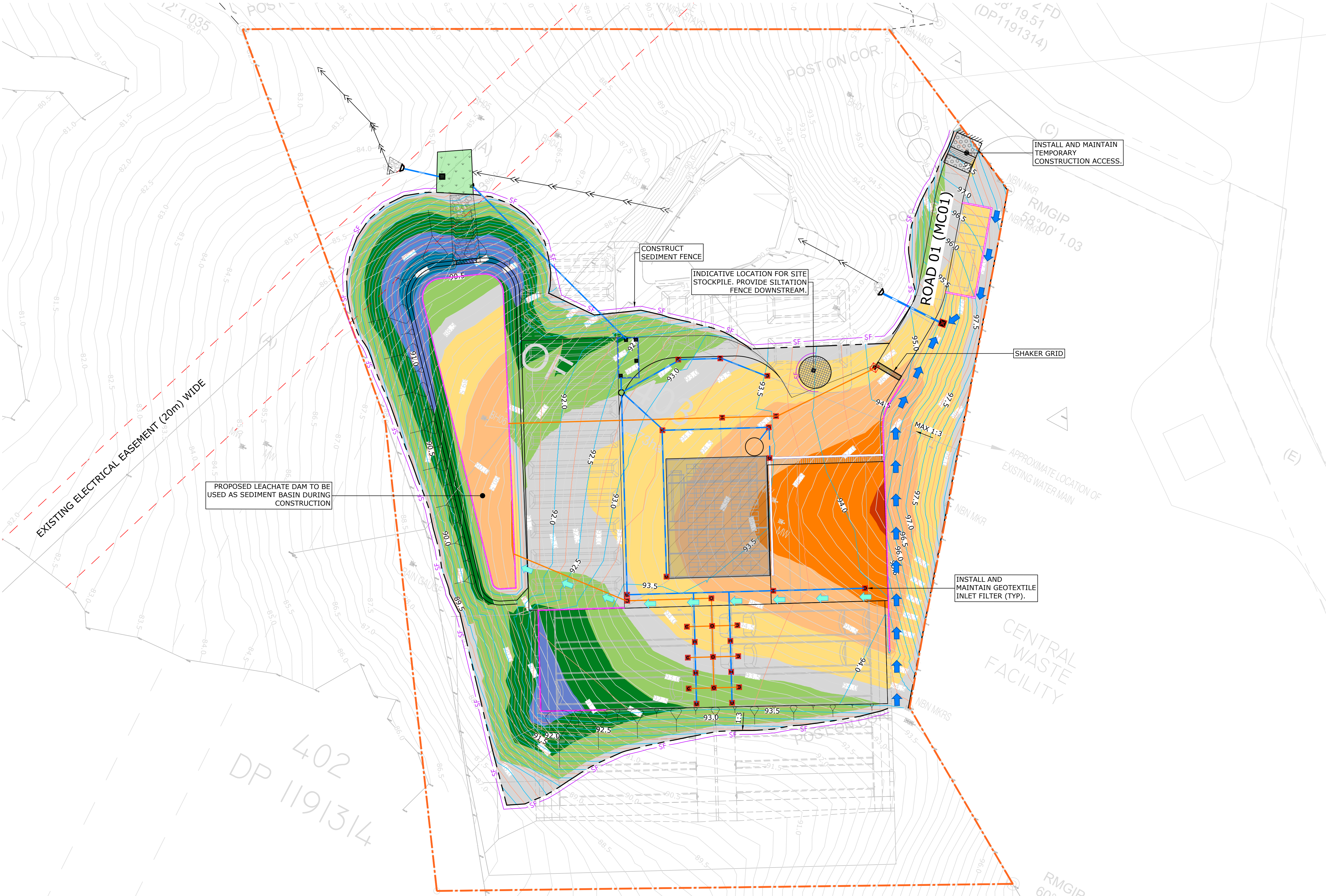
1. ORGANIC MATERIAL (E.G. LOGS, BRANCHES, STUMPS ETC.) ARE TO BE STOCKPILED AND MULCHED ON-SITE UNLESS NOTED OTHERWISE. ANY RE-USE ON-SITE IS SUBJECT TO SUPERINTENDENT'S APPROVAL.
2. CONSTRUCTION AND DEMOLITION FILL EXCAVATED ON THE SITE IS TO BE REMOVED PRIOR TO ANY FILLING.
3. FOLLOWING ANY REMOVAL OF FILL OR TOP SOIL, THE EXPOSED NATURAL SOIL SHALL BE CONDITIONED TO NEAR THE OPTIMUM MOISTURE CONTENT AND COMPACTED TO ACHIEVE A DRY DENSITY RATIO OF AT LEAST 98% BASED ON STANDARD COMPACTION.
4. ANY IN-SITU FOUNDATION SOIL THAT IS LOOSENEED, SOFTENED OR OTHERWISE DISTURBED BY THE EXCAVATION PROCESS OR BY EXPOSURE TO THE ELEMENTS SHOULD BE REMOVED AND REPLACED WITH COMPACTED STRUCTURAL FILL, OR ELSE SHOULD BE COMPACTED IN PLACE TO ACHIEVE A DENSITY NOT LESS THAN THAT OF THE SURROUNDING UNDISTURBED GROUND.
5. THE SITE REGRADE AREA IS TO BE DRAINED IF REQUIRED AND ALL EXISTING VEGETATION REMOVED.
6. ROCKS EXCAVATED AS PART OF BULK EARTHWORKS ARE TO BE CRUSHED SUCH THAT NO INDIVIDUAL ROCKS ARE IN EXCESS OF 50mm IN ANY DIRECTION IF THEY ARE TO BE USED AS ENGINEERED FILL.
7. A VIBRATING SHEEPSFOOT ROLLER IS RECOMMENDED FOR CLAYEY BACKFILL AND A VIBRATING SMOOTH DRUM ROLLER IS RECOMMENDED FOR SANDY OR GRAVELLY BACKFILL INCLUDING IMPORTED QUARRIED MATERIALS.

3. ALL STORMWATER PIPES ARE TO BE DN150 uPVC LAID AT A 1.0% MIN. LONGITUDINAL FALL UNLESS NOTED OTHERWISE.
2. ALL STORMWATER PIPES LARGER THAN DN300 ARE TO BE REINFORCED CONCRETE CLASS "3" UNLESS NOTED OTHERWISE.
3. ALL uPVC STORMWATER PIPES ARE TO BE SOLVENT WELDED UNLESS NOTED OTHERWISE.
4. ALL CONCRETE PIPES ARE TO BE RUBBER RING JOINTED UNLESS NOTED OTHERWISE.
5. EQUIVALENT STRENGTH VCP OR FRP MAY BE USED SUBJECT TO APPROVAL.
6. ALL STORMWATER PIPES ARE TO BE LAID WITH A MINIMUM DEPTH OF COVER TO THE FINISHED SURFACE OF 600mm UNLESS NOTED OTHERWISE.
7. ENLARGERS, CONNECTIONS, AND JUNCTIONS ARE TO BE MANUFACTURED FITTINGS WHERE PIPES ARE LESS THAN DN300.
8. PRECAST PITS MAY BE USED SUBJECT TO APPROVAL BY THE SUPERINTENDENT.
9. SUBSOIL DRAINS ARE TO BE SLOTTED FLEXIBLE uPVC UNLESS NOTED OTHERWISE. WHERE SUBSOIL DRAINS PASS UNDER FLOOR SLABS AND VEHICULAR PAVEMENTS, UN-SLOTTED uPVC PIPE IS TO BE USED.
10. GRATES AND COVERS SHALL CONFORM WITH AS 3996:2019 AND AS 1428.1:2021. PIT COVER AND FRAME CLASSES ARE TO BE IN ACCORDANCE WITH AS 3996:2019. ALL PIT COVERS TO BE CLASS 'D' UNLESS NOTED OTHERWISE.
11. CONCRETE PIPES ARE TO BE INSTALLED IN ACCORDANCE WITH AS 3725:2007. ALL BEDDING IS TO BE TYPE H2 UNLESS NOTED OTHERWISE.
12. CARE IS TO BE TAKEN WITH THE INVERT LEVELS OF STORMWATER LINES. LONGITUDINAL GRADES ARE NOT TO BE REDUCED RELATIVE TO THE DRAWINGS WITHOUT SUPERINTENDENT APPROVAL.
13. ADOPT INVERT LEVELS FOR PIPE INSTALLATION (GRADES SHOWN ARE ONLY NOMINAL).
14. THE CONTRACTOR IS TO ADVISE THE ENGINEER FOR INSPECTION OF ALL STORMWATER WORKS, PIPES AND PITS PRIOR TO COVERING. THE CONTRACTOR IS TO PROVIDE AS BUILT SURVEY UPON COMPLETION DETAILING ALL PIT INVERT AND GRATE LEVELS, AND PIPE INVERT LEVELS AND GRADES.
15. CONSTRUCTION OF STORMWATER DRAINAGE IS TO CONFIRM WITH THE REQUIREMENTS OF THE RELEVANT AUTHORITY OR COUNCIL.
16. ALL STORMWATER WORKS ARE TO BE IN ACCORDANCE WITH AS 3500.3:2021 UNLESS NOTED OTHERWISE
17. PITS DEEPER THAN 1200mm ARE TO BE FITTED WITH STEP IRONS AT 300mm CENTRES UNLESS NOTED OTHERWISE.

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LEGEND

- SITE BOUNDARY
- SF SEDIMENT FENCE (SD 6-8)
- Geotextile Inlet Filter (SD 6-12)
- VEHICLE SHAKER GRID
- INDICATIVE STOCKPILE - REFER SHEET 101
- PROPOSED STORMWATER PIPE
- PROPOSED TRENCH DRAIN
- DIRTY WATER COLLECTION SYSTEM
- MINOR DESIGN CONTOUR
- 1.00 MAJOR DESIGN CONTOUR
- 260.5 EXISTING CONTOUR
- EARTH BANK - HIGH FLOW (SD 5-6)
- EARTH BANK - LOW FLOW (SD 5-5)
- 20m WIDE EXISTING ELECTRICAL EASEMENT

NOTES

- ALL EROSION & SEDIMENT CONTROL DEVICES ARE SHOWN INDICATIVELY.

CUT-FILL DEPTH DESIGN TO EXISTING	Lower_value	Upper_value	Colour
-99999 to	-5.000 m		
-5.000 to	-3.750 m		
-3.750 to	-2.500 m		
-2.500 to	-1.250 m		
-1.250 to	-0.250 m		
-0.250 to	0.250 m		
0.250 to	1.250 m		
1.250 to	2.500 m		
2.500 to	3.750 m		
3.750 to	5.000 m		
5.000 to	99999 m		

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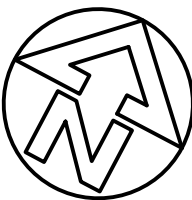
SOILCO DEVELOPMENTS LTU LTD

BEGA COMPOST FACILITY
WANATTA LANE, WOLUMLA NSW 2550
SOIL & WATER MANAGEMENT PLAN - STG 1 (15K)

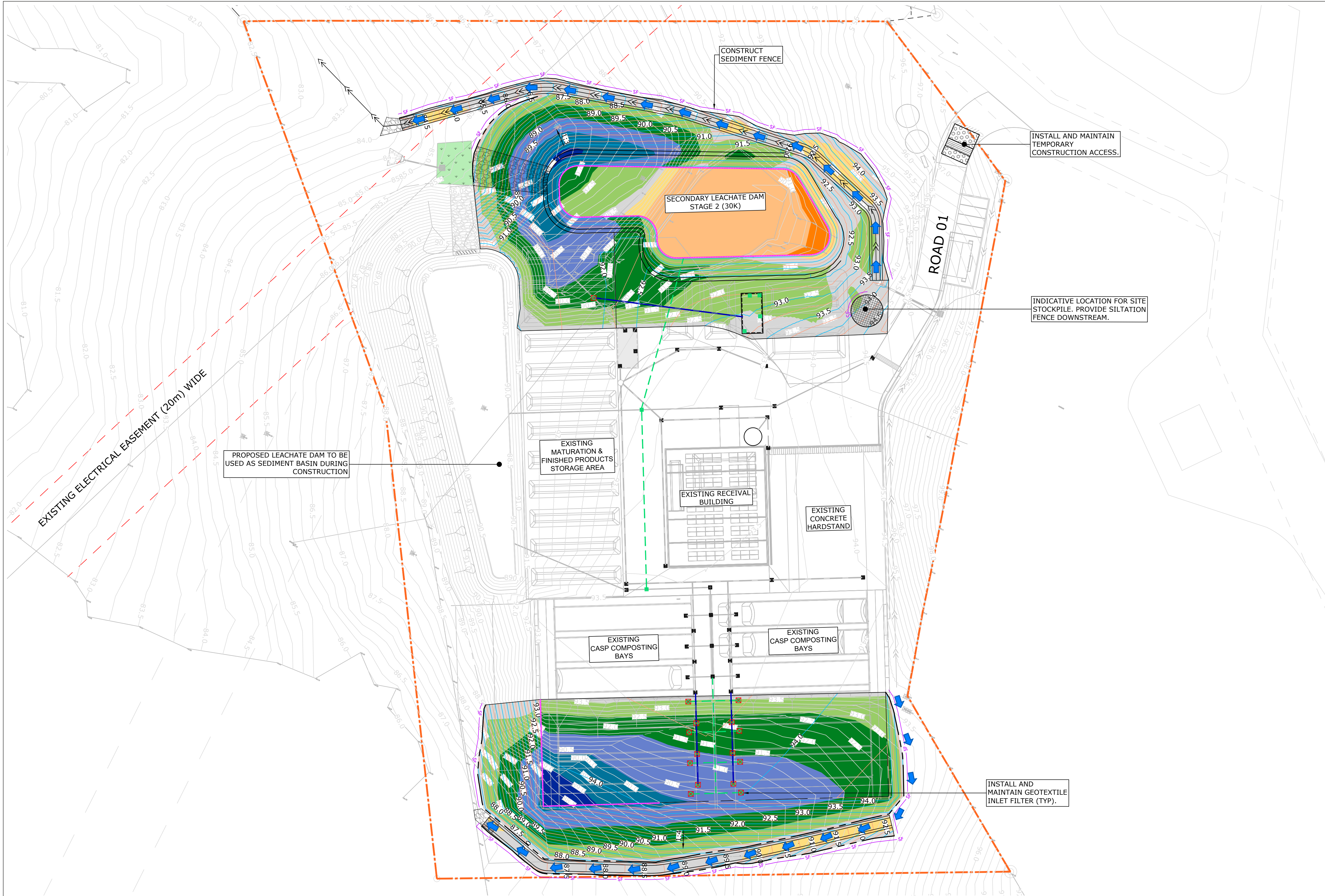
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A1					DATUM: ALL LEVELS TO A.H.D.				
1 : 500m (A1) - 1 : 1,000m (A3)					SCALE: 1:500				
100mm ON ORIGINAL DRAWING - DO NOT SCALE DRAWING					SURVEYED: VERIS				
					SURVEY DATE: 27.01.2022				
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REV	AMENDMENT / REASON FOR ISSUE	DATE	DES.	DWN.					
D	RESPONSE TO COUNCIL RFI	18.08.25	SA	IR					
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LEGEND

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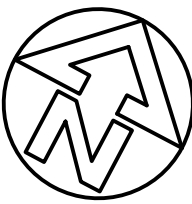
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-1.250 to	-0.250 m	
-0.250 to	0.250 m	
0.250 to	1.250 m	
1.250 to	2.500 m	
2.500 to	3.750 m	
3.750 to	5.000 m	
5.000 to	99999 m	

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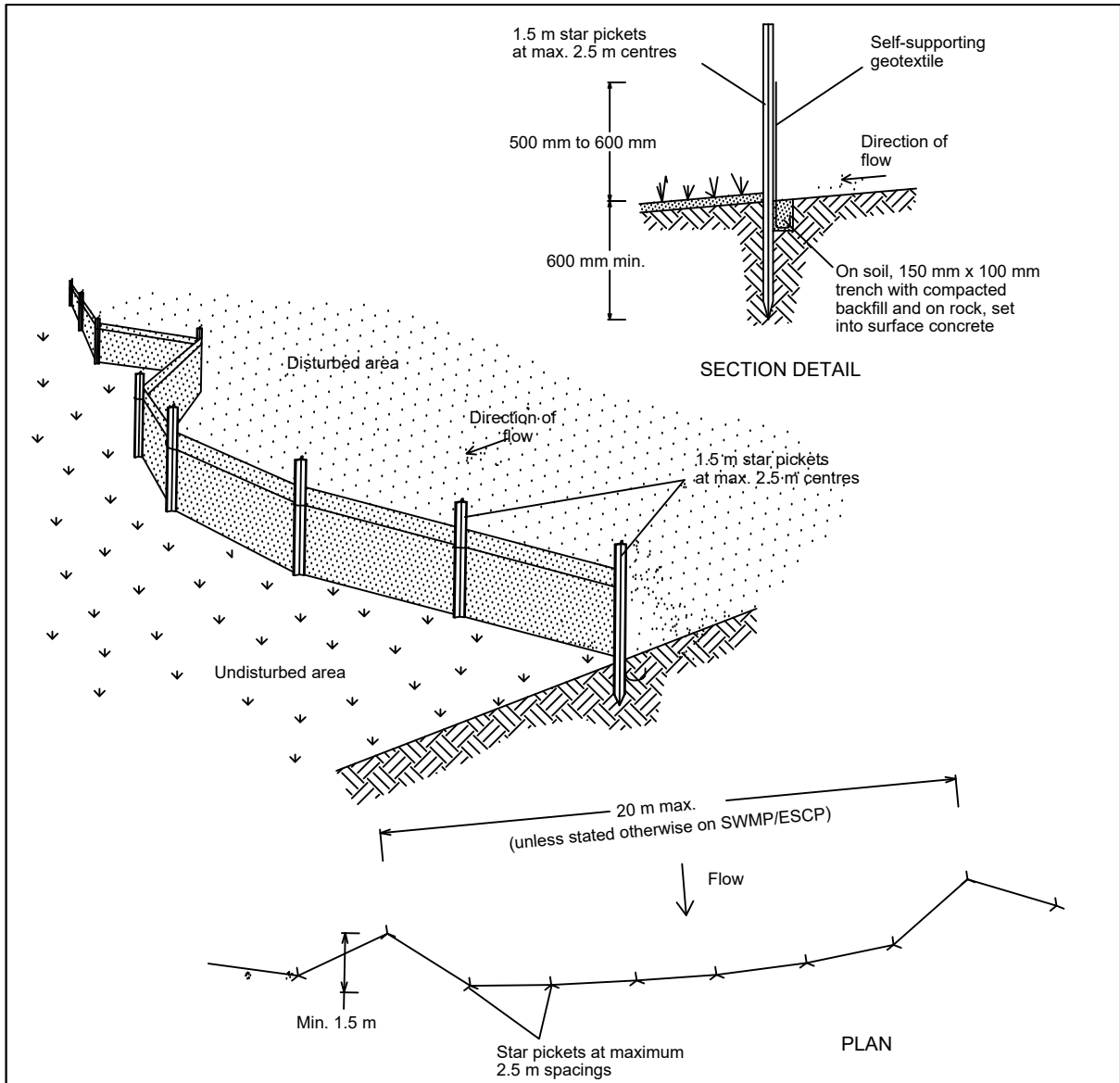
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SOILCO DEVELOPMENTS LTU LTD
BEGA COMPOST FACILITY
WANATTA LANE, WOLUMLA NSW 2550
SOIL & WATER MANAGEMENT PLAN - STG 2 (30K)

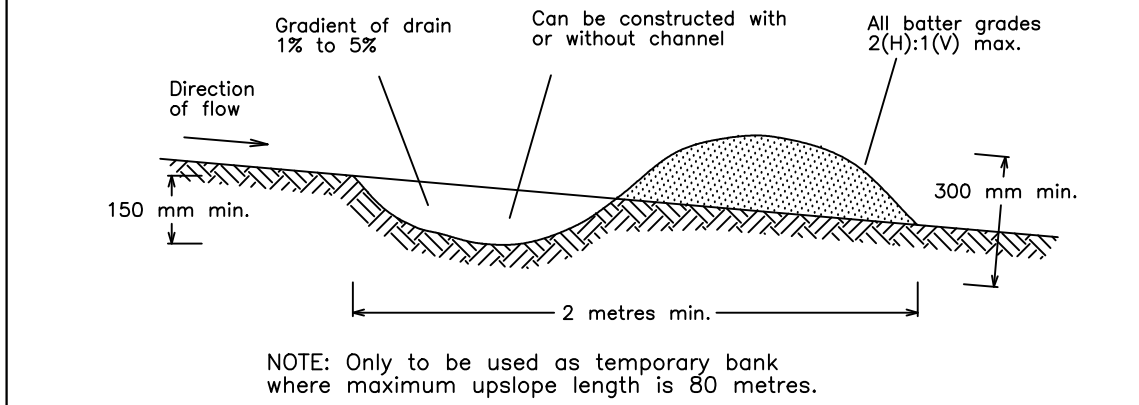
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0	5	10	20	30
1 : 500m (A1) - 1 : 1,000m (A3)				
100mm ON ORIGINAL DRAWING - DO NOT SCALE DRAWING				
A	RESPONSE TO COUNCIL RFI	18.08.25	SA	IR
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COORDS: GDA2020 MGA ZONE 55 DATUM: ALL LEVELS TO A.H.D. SCALE: 1:500 SURVEYED: VERIS SURVEY DATE: 27.01.2022 APPROVED / PROJECT LEADER SINA ARBABZADEH				



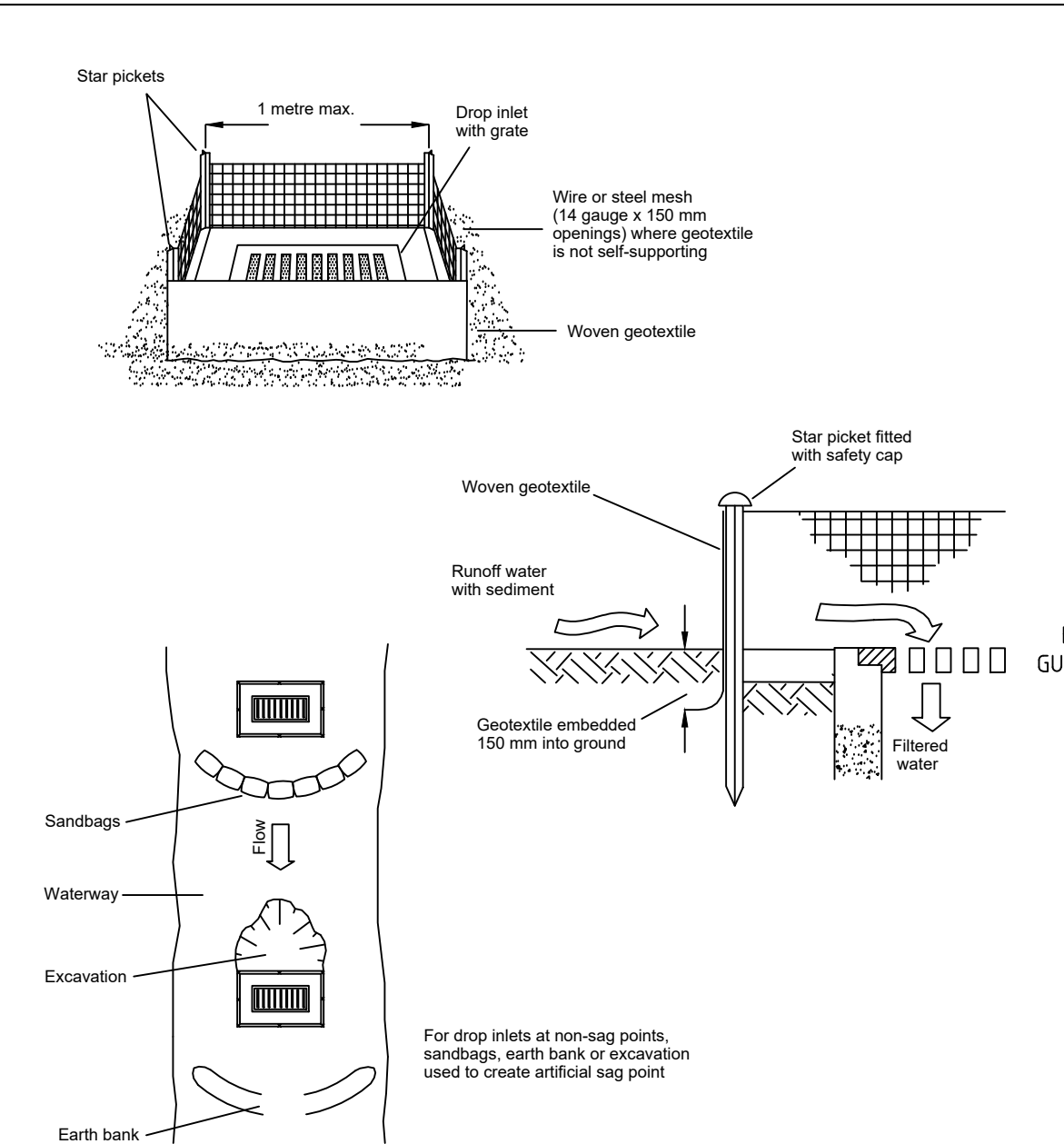
- Construction Notes**
- Construct sediment fences as close as possible to being parallel to the contours of the site, but with small returns as shown in the drawing to limit the catchment area of any one section. The catchment area should be small enough to limit water flow if concentrated at one point to 50 litres per second in the design storm event, usually the 10-year event.
 - Cut a 150-mm deep trench along the upslope line of the fence for the bottom of the fabric to be entrenched.
 - Drive 1.5 metre long star pickets into ground at 2.5 metre intervals (max) at the downslope edge of the trench. Ensure any star pickets are fitted with safety caps.
 - Fix self-supporting geotextile to the upslope side of the posts ensuring it goes to the base of the trench. Fix the geotextile with wire ties or as recommended by the manufacturer. Only use geotextile specifically produced for sediment fencing. The use of shade cloth for this purpose is not satisfactory.
 - Join sections of fabric at a support post with a 150-mm overlap.
 - Backfill the trench over the base of the fabric and compact it thoroughly over the geotextile.

SEDIMENT FENCE ~ SF ~ SD 6-8



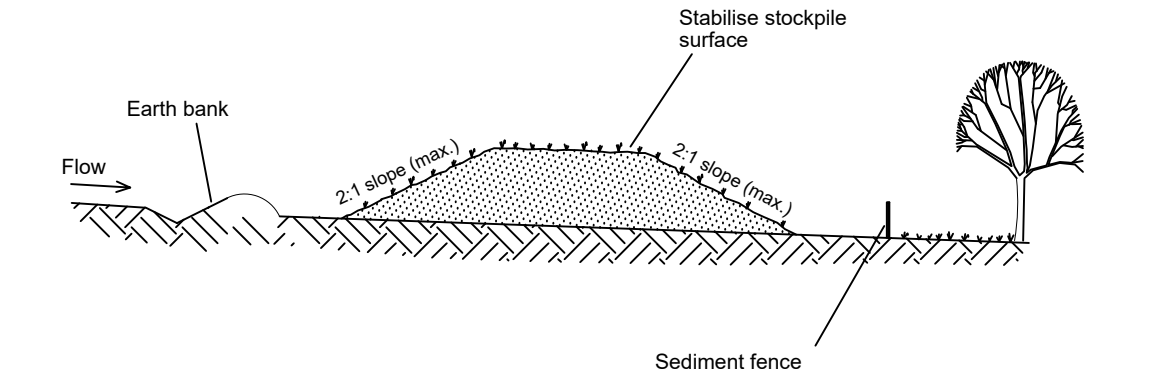
- Construction Notes**
- Build with gradients between 1 percent and 5 percent.
 - Avoid removing trees and shrubs if possible - work around them.
 - Ensure the structures are free of projections or other irregularities that could impede water flow.
 - Build the drains with circular, parabolic or trapezoidal cross sections, not V shaped.
 - Ensure the banks are properly compacted to prevent failure.
 - Complete permanent or temporary stabilisation within 10 days of construction.

EARTH BANK (LOW FLOW) ➡ ➡ ➡ SD 5-5



- Construction Notes**
- Fabricate a sediment barrier made from geotextile or straw bales.
 - Follow Standard Drawing 6-7 and Standard Drawing 6-8 for installation procedures for the straw bales or geofabric. Reduce the picket spacing to 1 metre centres.
 - In waterways, artificial sag points can be created with sandbags or earth banks as shown in the drawing.
 - Do not cover the inlet with geotextile unless the design is adequate to allow for all waters to bypass it.

GEOTEXTILE INLET FILTER ☒ SD 6-12



- Construction Notes**
- Place stockpiles more than 2 (preferably 5) metres from existing vegetation, concentrated water flow, roads and hazard areas.
 - Construct on the contour as low, flat, elongated mounds.
 - Where there is sufficient area, topsoil stockpiles shall be less than 2 metres in height.
 - Where they are to be in place for more than 10 days, stabilise following the approved ESCP or SWMP to reduce the C-factor to less than 0.10.
 - Construct earth banks (Standard Drawing 5-5) on the upslope side to divert water around stockpiles and sediment fences (Standard Drawing 6-8) 1 to 2 metres downslope.

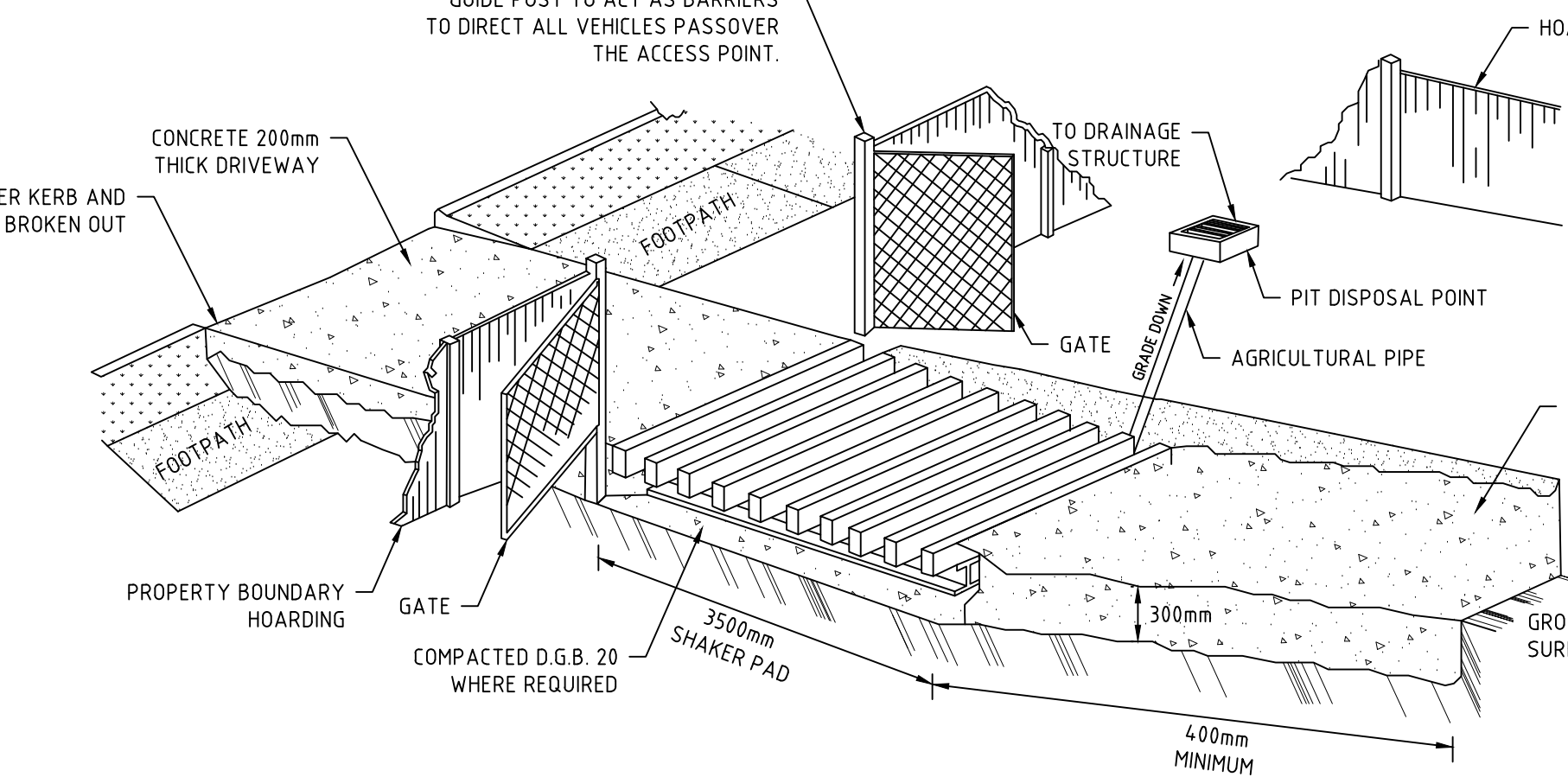
STOCKPILES ☒ SD 4-1

STABILISED ACCESS POINT

TYPE II SAP

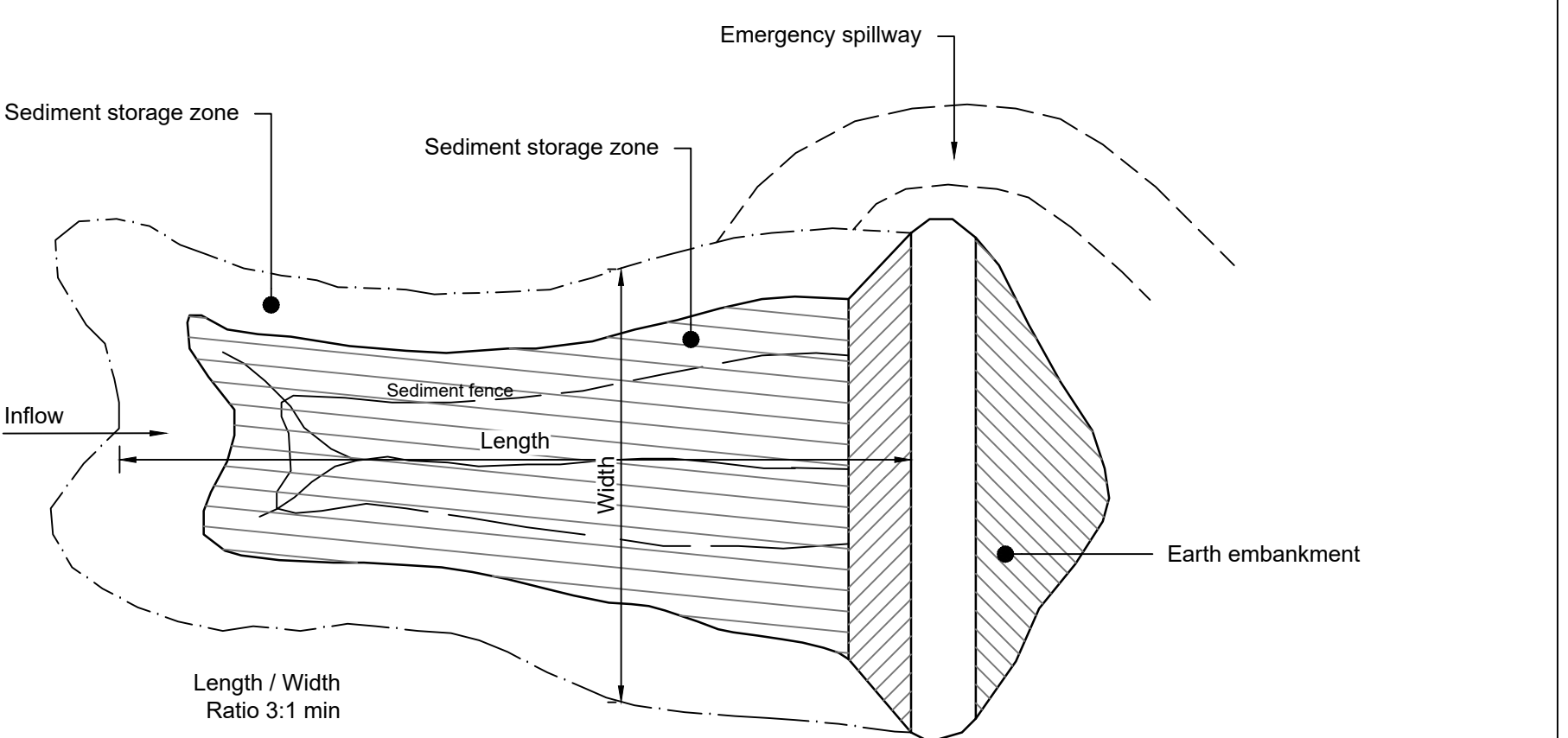
THE TYPE II SAP DESIGN IS MORE DEFINED IN THAT IT REQUIRES AN AREA OF BALLAST WITHIN THE SITE COMBINED WITH A SHAKER PAD; ADJACENT THE SHAKER PAD AND IN THE PUBLIC WAY IS A TEMPORARY (CONCRETE) VEHICULAR CROSSING. (SEE DIAGRAM)

STABILISED ACCESS POINT - TYPE 2



- IN BOTH TYPE I AND TYPE II SAP'S, THE TEMPORARY VEHICULAR CROSSING MUST:
- CONNECT TO AN EXISTING GUTTER LAYBACK (WHERE THE KERB AND GUTTER EXIST). IF A GUTTER LAYBACK DOES NOT EXIST THEN THE CONNECTION MUST BE MADE TO THE GUTTER BY REMOVING THE ADJACENT KERB SECTION ONLY.
 - CONNECT TO A DISH CROSSING (WHERE KERB AND GUTTER DOES NOT EXIST). IF A DISH CROSSING DOES NOT EXIST, THEN IT MUST BE CONSTRUCTED IN ACCORDANCE WITH DETAILS CONTAINED IN COUNCIL'S ISSUED FOOTPATH CROSSING LEVELS.

IT SHOULD BE NOTED THAT THESE TYPES OF SAPS ARE CONSIDERED TO BE APPLICABLE FOR THE MAJORITY OF ACTIVITIES HOWEVER SOME SITES MAY REQUIRE SPECIAL CONSIDERATION.

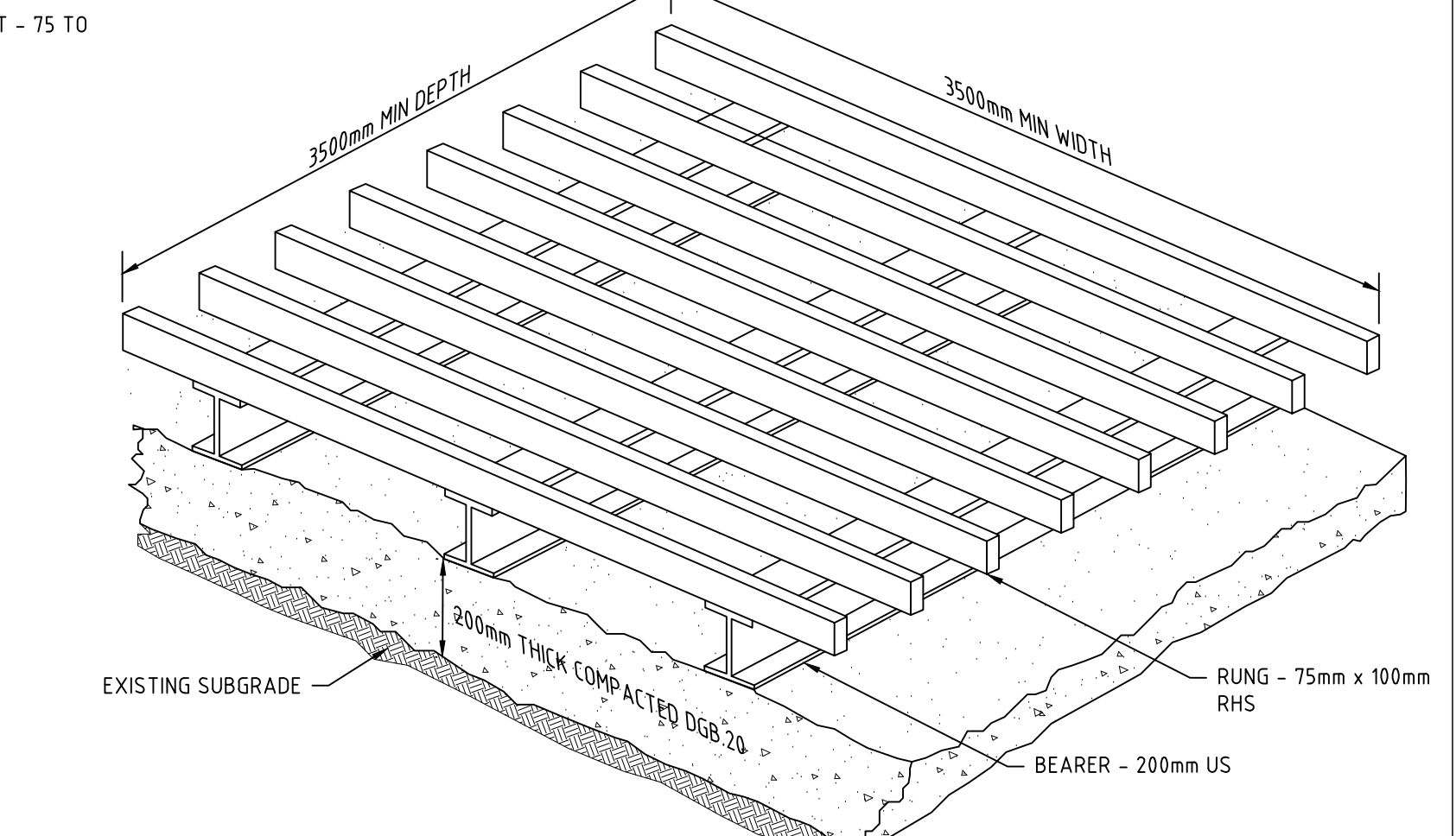


SEDIMENT BASIN WET (TYPICAL) CROSS PLAN

SHAKER PAD (CATTLE GRID)

A CORRECTLY DESIGNED AND INSTALLED SHAKER PAD WILL ASSIST IN PREVENTING SEDIMENT TRANSFER FROM SITE. ANY STABILISED ACCESS POINT (SAP) CAN BE DESIGNED WITH A SHAKER PAD (COMPULSORY IN TYPE II SAP'S)

- SHAKER PADS CAN BE DESIGNED AND CONSTRUCTED TO ENABLE RE-USE ON FUTURE PROJECTS.
- THE SHAKER PAD:
- MUST BE DESIGNED AND CERTIFIED BY A PRACTICING STRUCTURAL ENGINEER. THE CERTIFIED DESIGN SHOULD BE SUBMITTED WITH THE RELEVANT APPLICATION.
 - CAN BE CONSTRUCTED FROM ANY SUITABLE MATERIAL.
 - MUST BE LOCATED ON A SUITABLY PREPARED AND COMPACTED SUB-GRADE/BASE MATERIAL.
 - MUST BE SITUATED SUCH THAT THE RUNGS OF THE SHAKER PAD ARE LEVEL WITH THE ADJOINING NATURAL SURFACE.
 - MUST BE A MINIMUM OF 3.5m IN LENGTH.
 - MUST BE A MINIMUM OF 3.5m IN WIDTH.
 - MUST HAVE CLEAR SPACING BETWEEN RUNGS OF 200 - 250mm.
 - RUNGS MUST HAVE A MAXIMUM WIDTH (BEARING AREA) OF 75mm.
 - MUST HAVE A MINIMUM CLEAR DEPTH OF 300mm IE FORM THE TOP OF THE RUNG TO THE FINISHED SUB-GRADE/BASE LEVEL.
- THE SHAKER PAD MUST BE PROVIDED WITH SUITABLE BARRIERS AT THE SIDES TO ENSURE THAT ALL TYRES OF VEHICLES LEAVING THE SITE TRAVERSE THE DEVICE.



SEDIMENT FENCE CONSTRUCTION NOTES:

- CONSTRUCT ALL SEDIMENT CONTROL FENCES ALONG THE CONTOUR WHERE POSSIBLE.
- WHERE SEDIMENT CONTROL FENCES ARE NOT CONSTRUCTED ALONG THE CONTOUR INCORPORATE RETURN PANELS AT REGULAR INTERVALS NOT EXCEEDING 20m.
- ALL STAR PICKETS SHALL INCORPORATE APPROVED SAFETY CAPS.
- DIG A 150mm DEEP TRENCH ALONG THE UPSLOPE LINE OF THE FENCE FOR THE BOTTOM OF THE FABRIC TO BE ENTRENCHED. BACKFILL TRENCH OVER BASE FABRIC. FIX SELF-SUPPORTING GEOTEXTILE TO UPSLOPE SIDE OF POSTS WITH WIRE TIES OR AS RECOMMENDED BE GEOTEXTILE MANUFACTURER. JOIN SECTIONS OF FABRIC AT A SUPPORT POST WITH A 150mm OVERLAP.
- WHERE APPROVED BY THE SUPERINTENDENT DUMP ROCK MAY BE USED TO ANCHOR THE GEOTEXTILE IN LIEU OF A TRENCH.

NOTES

- ALL WORK SHALL BE GENERALLY CARRIED OUT IN ACCORDANCE WITH
 - LOCAL AUTHORITY REQUIREMENTS,
 - EPA - POLLUTION CONTROL MANUAL FOR URBAN STORMWATER, AND
 - LANDCOM NSW - MANAGING URBAN STORMWATER: SOILS AND CONSTRUCTION (THE "BLUE BOOK").
- EROSION AND SEDIMENT CONTROL DRAWINGS AND NOTES ARE PROVIDED FOR THE WHOLE OF THE EXTENT OF WORKS. STAGING THESE WORKS MAY REQUIRE THE DESIGN TO BE MODIFIED AND VARIATION TO THESE DETAILS MAY REQUIRE APPROVAL BY RELEVANT AUTHORITIES.
- ALL EROSION AND SEDIMENT CONTROL DEVICES TO BE MAINTAINED TO THE SATISFACTION OF THE SUPERINTENDENT AND THE LOCAL AUTHORITY.
- ALL VEHICLES SHALL ONLY ENTER AND EXIT THE SITE VIA THE NOMINATED TEMPORARY CONSTRUCTION ACCESS.
- ALL EXITING VEHICLES SHALL BE CLEANED AND INSPECTED BEFORE EXITING.
- ATTEMPT TO BE MADE TO MINIMISE THE AREA OF SITE BEING DISTURBED AT ANY ONE TIME.
- FOLLOWING CONSTRUCTION OF STORMWATER PITS, PREVENT SITE RUNOFF ENTERING THE PITS UNLESS SILT FENCES ARE ERECTED AROUND PITS.
- ALL STOCKPILES OF MATERIALS TO BE PROTECTED FROM SCOUR AND EROSION. STOCKPILES OF LOOSE MATERIALS SHOULD BE AVOIDED NEAR ANY DRAINAGE PIT'S, ROADWAYS AND NEAR IN WATERCOURSES.
- CONTRACTOR TO ENSURE ALL NOMINATED DEVICES TO BE REINSTALLED FOLLOWING CLOSURE OF WORKING DAY, MODIFIED AS REQUIRED TO SUIT THE BEST SITE CONDITIONS AT THE TIME.
- WATER FROM UPSTREAM OF THE SITE TO BE CONTROLLED SUCH THAT IT DOES NOT ENTER THE DISTURBED SITE.
- MAINTAIN ALL STORMWATER PIPES AND PITS CLEAR OF DEBRIS AND SEDIMENT.
- STORMWATER SYSTEM AND ALL DEVICES TO BE INSPECTED AND CLEANED OUT AS REQUIRED AFTER EACH STORM EVENT.
- WATER QUALITY TESTING MUST BE UNDERTAKEN BY SUITABLY QUALIFIED ENVIRONMENTAL CONSULTANT PRIOR TO ANY DISCHARGE OF SITE STORMWATER, GROUNDWATER AND SEEPAGE WATER:
 - ENVIRONMENTAL CONSULTANT TO OUTLINE PROPOSED AND ONGOING MONITORING MEASURES THAT WILL BE MONITORING THE QUALITY OF WATER DISCHARGED FROM THE SITE. FREQUENCY, VALIDATION, AND ALL CONTINGENCIES TO BE OUTLINED BY CONSULTANT.
 - ALL REMEDIAL MEASURES AS NOMINATED BY ENVIRONMENTAL CONSULTANT TO BE APPLIED BY CONTRACTOR.
 - TESTING AND REPORTING TO BE IN COMPLIANCE WITH ALL RELATIVE AUSTRALIAN STANDARDS AND GUIDELINES.

THIS DRAWING IS TO BE VIEWED IN COLOUR AS SOME FEATURES / SYMBOLS ARE DIFFERENTIATED BY COLOUR. DRAWING NOT TO BE RELIED ON IF PRINTED IN GREYSCALE.

01.5369

1 : 150m (A1) - 1 : 300m (A3)

100mm ON ORIGINAL DRAWING - DO NOT SCALE DRAWING

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DATUM: ALL LEVELS TO A.H.D.
SCALE: AS SHOWN
SURVEYED:VERIS
SURVEY DATE:27.01.2022
APPROVED / PROJECT LEADER
SINA ARBABZADEH

DATEDES.DWN.

26.03.2429.02.24

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B RESPONSE TO COUNCIL RFI

A FOR EIS SUBMISSION

REV AMENDMENT / REASON FOR ISSUE

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BEGA COMPOST FACILITY

WANATTA LANE, WOLUMLA NSW 2550

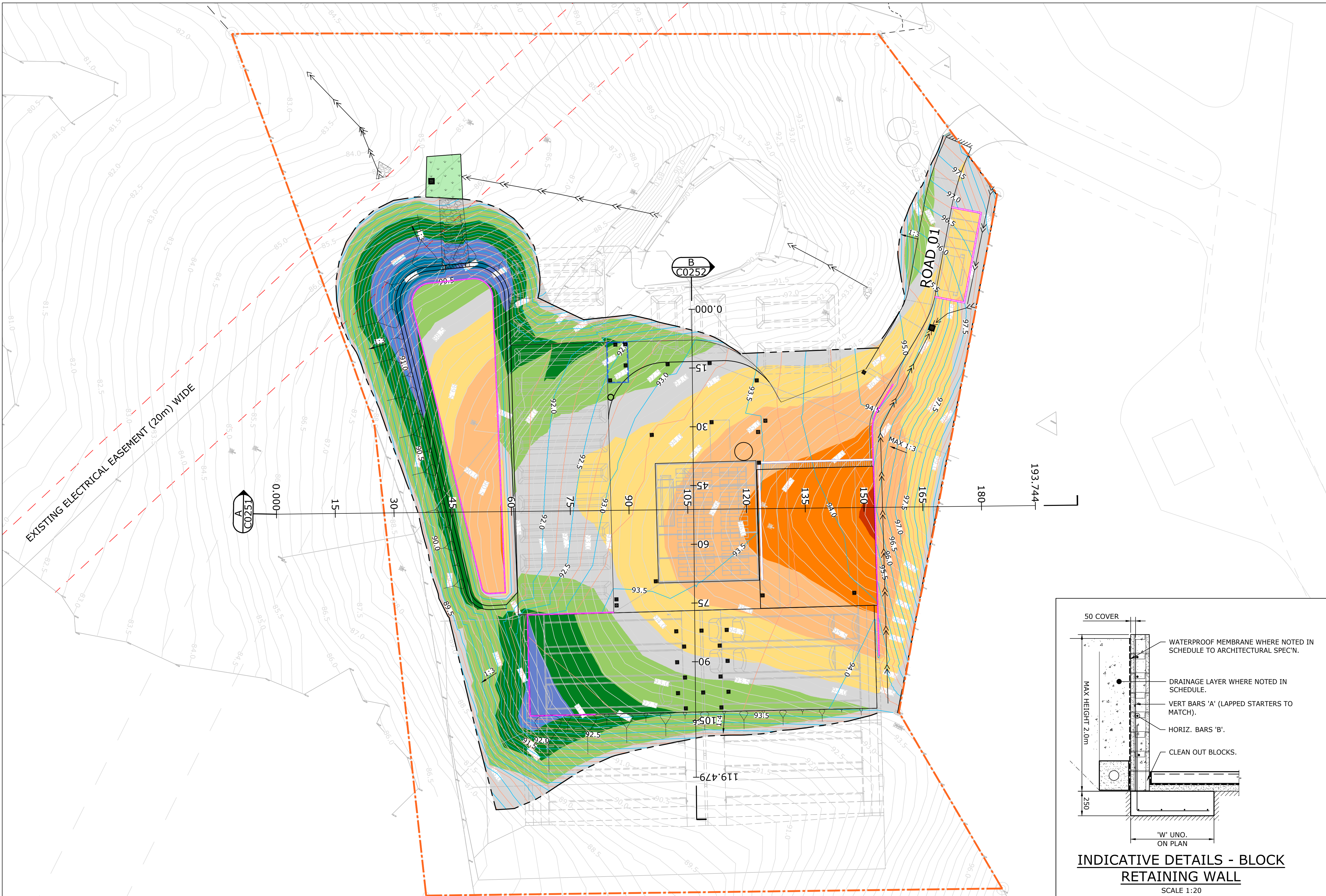
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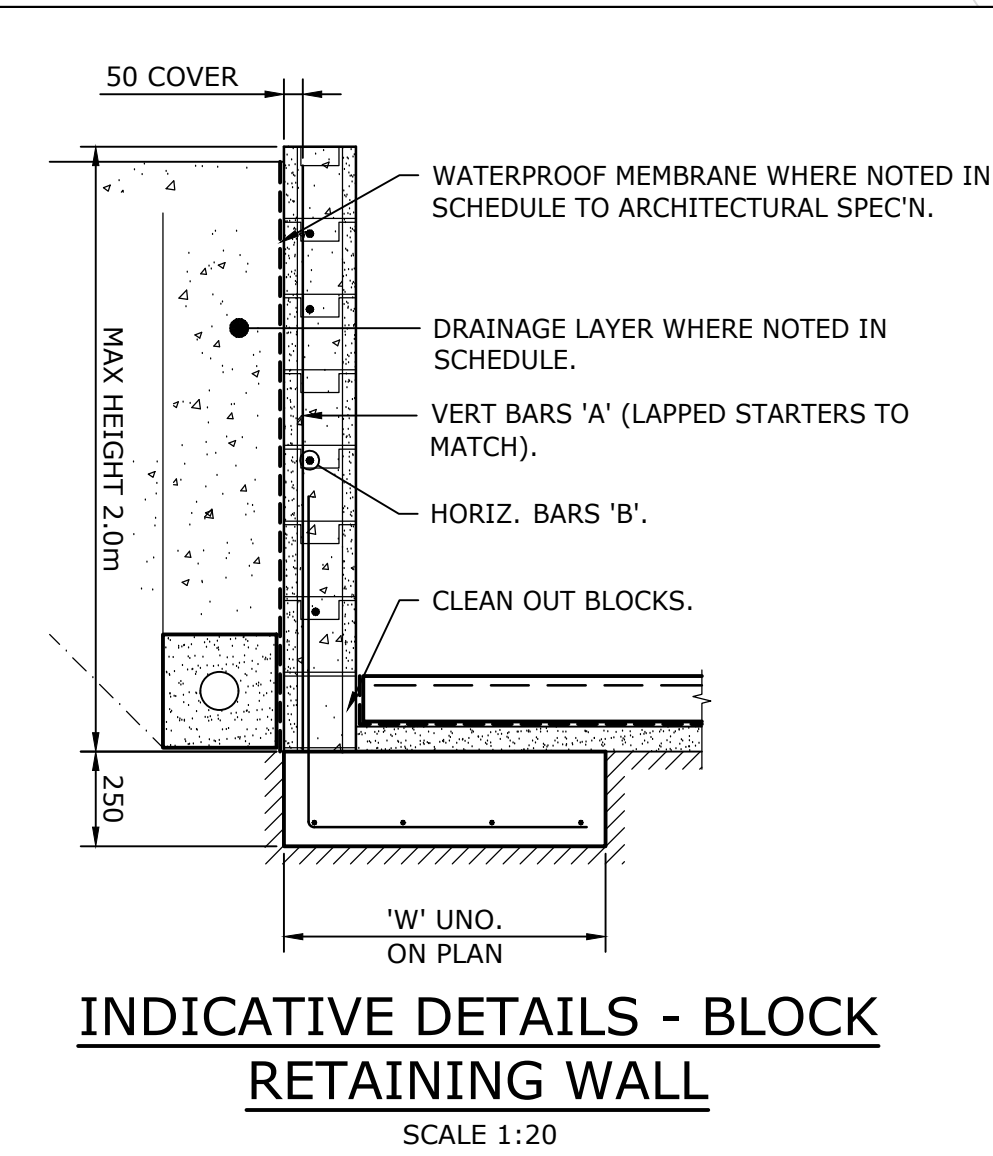
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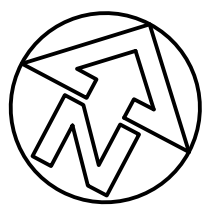
CUT-FILL DEPTH DESIGN TO EXISTING		
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-3.750	to -2.500	
-2.500	to -1.250	
-1.250	to -0.250	
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0.250	to 1.250	
1.250	to 2.500	
2.500	to 3.750	
3.750	to 5.000	
5.000	to 99999	

- LEGEND**
- 262.5— EXISTING CONTOUR
 - MINOR DESIGN CONTOUR
 - 1.00— MAJOR DESIGN CONTOUR
 - PROPOSED RETAINING WALL
 - 20m WIDE EXISTING ELECTRICAL EASEMENT
 - DIVERSION\OVERLAND FLOW SWALE



- NOTE:**
- CUT & FILL VOLUMES
 - CUT -10738m³
 - FILL 5052m³
 - BALANCE -2685m³
 - VOLUMES HAVE BEEN CALCULATED BETWEEN EXISTING SURFACE AND THE PROPOSED DESIGN SURFACE. IT DOES NOT TAKE INTO ACCOUNT THE FILL VOLUME REQUIRED TO BACKFILL AGAINST STRUCTURE. EARTHWORKS CONTRACTOR TO VERIFY FINAL BACKFILL VOLUME.
 - VOLUME DO NOT INCLUDE VOLUMES FOR TOPSOIL, PAVEMENT BOXING.
 - VOLUMES DO NOT TAKE INTO ACCOUNT ANY BULKING OR COMPACTION OF ANY SOILS.
 - PROPOSED UTILITIES AND STORMWATER TRENCHES ARE NOT INCLUDED IN THIS BULK EARTHWORKS
 - VOLUMES DO NOT TAKE INTO ACCOUNT TEMPORARY WORKS OR STAGING.

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100mm ON ORIGINAL DRAWING - DO NOT SCALE DRAWING					
SHEET SIZE A1					
COORDS: GDA2020 MGA ZONE 55 DATUM: ALL LEVELS TO A.H.D. SCALE: 1:500					
SURVEYED: VERIS SURVEY DATE: 27.01.2022					
APPROVED / PROJECT LEADER					
SINA ARBABZADEH					
REV	AMENDMENT / REASON FOR ISSUE	DATE	DES.	DWN.	
D	RESPONSE TO COUNCIL RFI	18.08.25	SA	IR	
C	BOUNDARY UPDATE	06.09.24	SA	EJ	
B	RESPONSE TO COUNCIL RFI	26.03.24	SA	IR	
A	FOR EIS SUBMISSION	29.02.24	TP	IR	

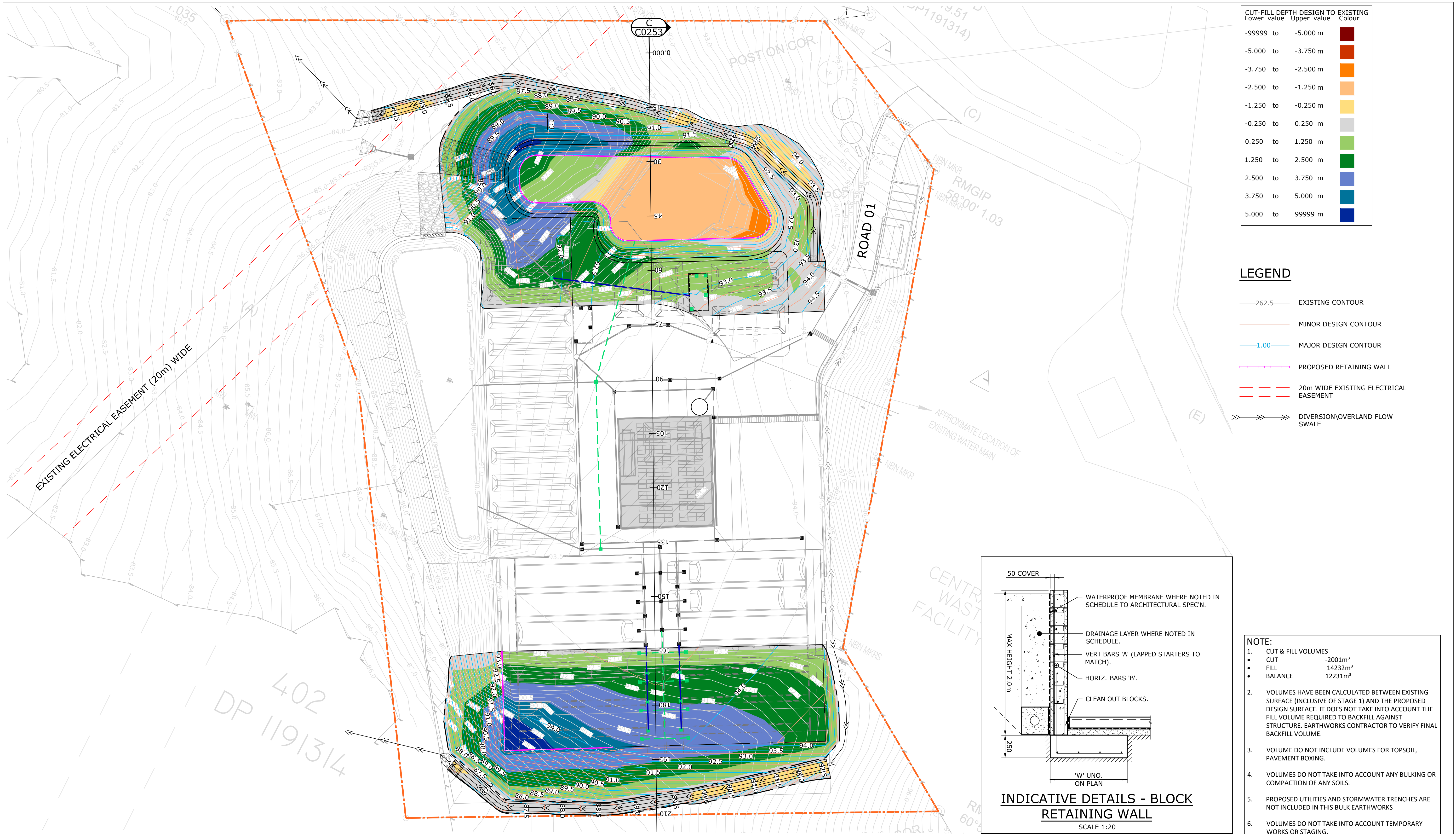


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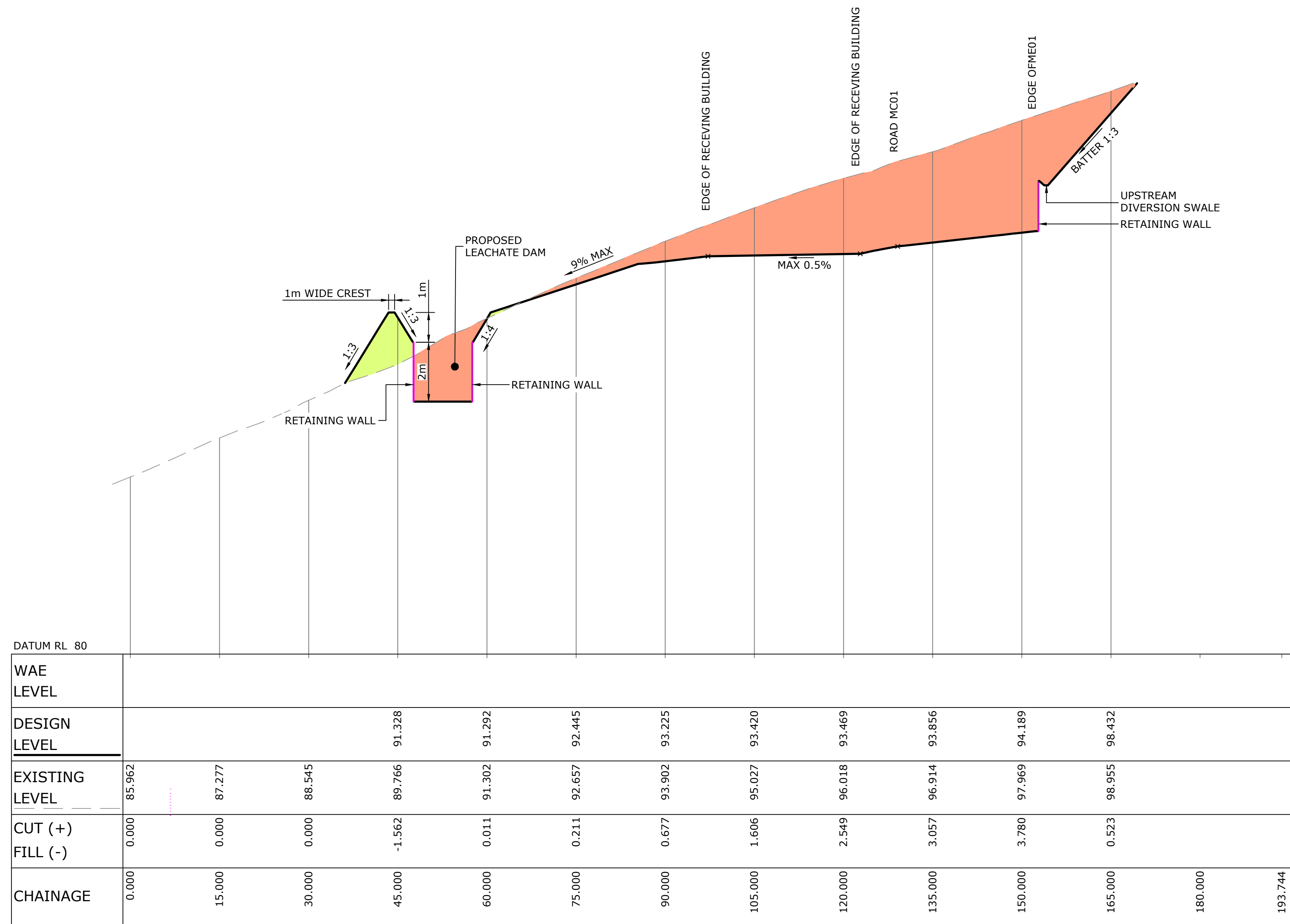
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LEGEND

	CUT AREA
	FILL AREA
	PROPOSED RETAINING WALL



SECTION - A
HORIZONTAL SCALE 1 : 500
VERTICAL SCALE 1 : 100

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BEGA COMPOST FACILITY
WANATTA LANE, WOLUMLA NSW 2550
EARTHWORKS SECTIONS - STG 1 (15K)
SHEET 1 OF 2

FILENAME:	PROJECT NUMBER	DRAWING NUMBER	REVISION
232321_DW_C0251_BES.DWG	232321	C0251	C

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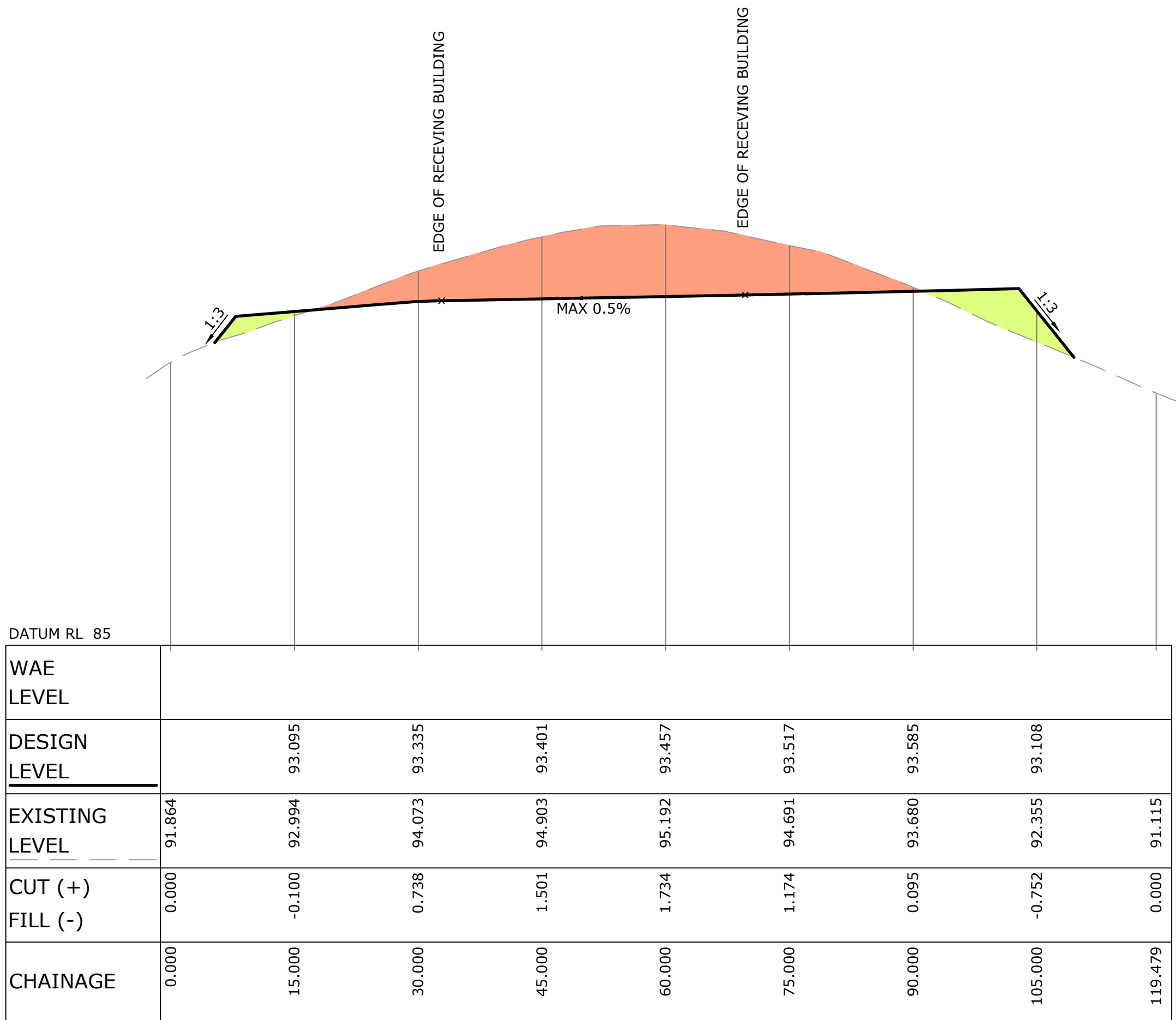
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LEGEND

CUT AREA

FILL AREA

PROPOSED RETAINING WALL



SECTION - B

HORIZONTAL SCALE 1 : 500

VERTICAL SCALE 1 : 100

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1 : 500m (A1) - 1 : 1,000m (A3)

100mm ON ORIGINAL DRAWING - DO NOT SCALE DRAWING

SHEET SIZE

A1

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						SURVEYED:VERIS
						SURVEY DATE:27.01.2022
C	RESPONSE TO COUNCIL RFI	18.08.25	SA	IR		APPROVED / PROJECT LEADER
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WANATTA LANE, WOLUMLA NSW 2550

EARTHWORKS SECTIONS - STG 1 (15K)

SHEET 2 OF 2

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PROJECT NUMBER

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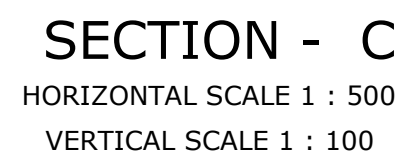
DRAWING NUMBER

C0252

REVISION

C

 CUT AREA
 FILL AREA
 PROPOSED RETAINING WALL



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EARTHWORKS SECTIONS - STG 2 (30K)

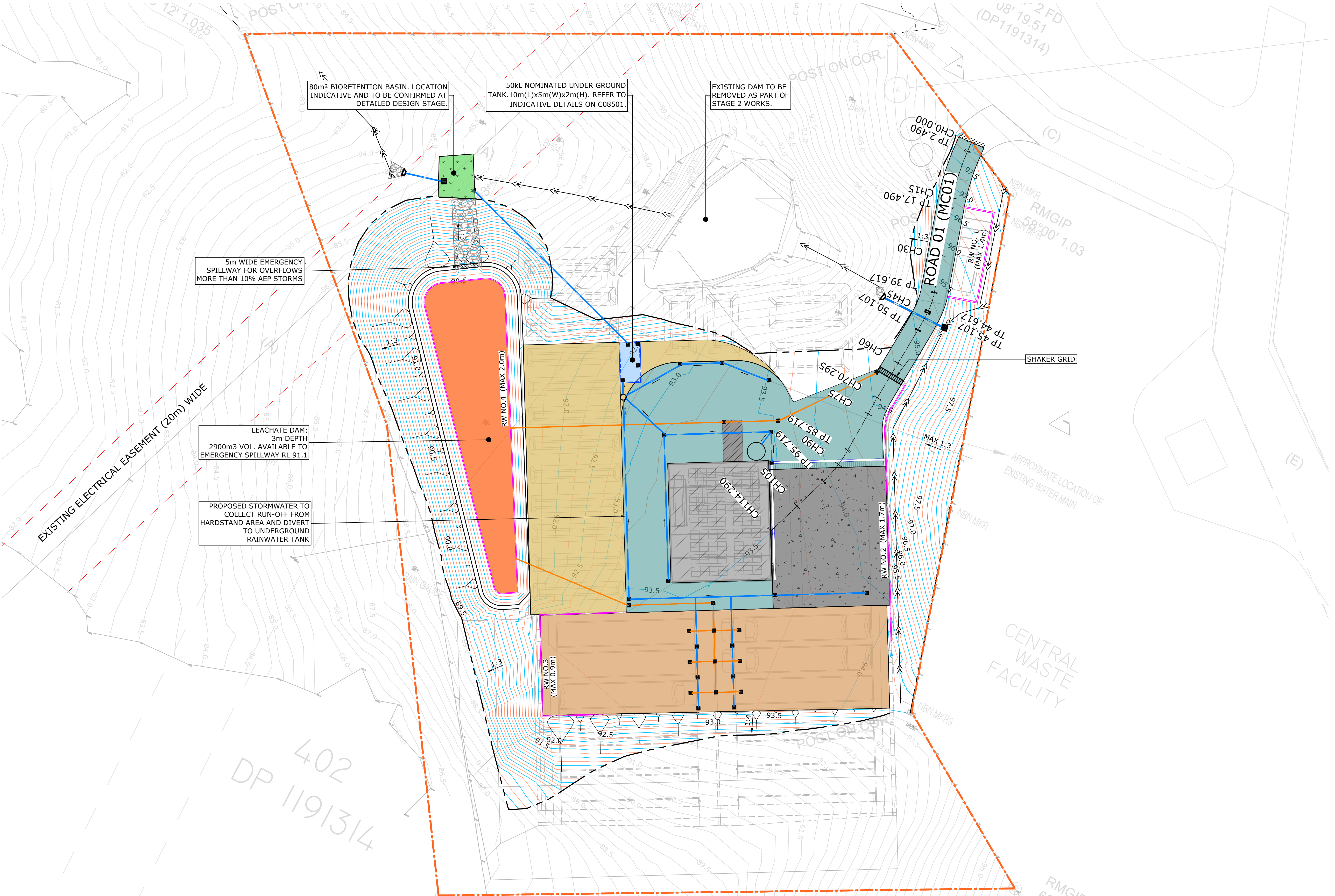
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SURVEYED: VERIS
SURVEY DATE: 27.01.2022
APPROVED / PROJECT LEADER
SINA ARBABZADEH

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LEGEND

- SITE BOUNDARY
- PROPOSED STORMWATER PIPE
- PROPOSED TRENCH DRAIN
- DIRTY WATER COLLECTION SYSTEM STG 1 (15K)
- PROPOSED RETAINING WALL (RW)
- MINOR DESIGN CONTOUR
- 1.00 MAJOR DESIGN CONTOUR
- 260.5 EXISTING CONTOUR
- DIVERSION\OVERLAND FLOW SWALE
- 20m WIDE EXISTING ELECTRICAL EASEMENT
- CONCRETE HARDSTAND
- ACCESS CIRCULATION WAY
- MATURATION & FINISHED PRODUCTS STORAGE AREA
- CASP COMPOSTING BAYS
- LEACHATE DAM
- UNDERGROUND RAINWATER TANK
- RECEIVAL BUILDING
- WASH BAY
- BIO RETENTION BASIN

NOTES

1. PLAN TO BE READ IN CONJUNCTION WITH ENGINEERING AND STORMWATER REPORT.
2. STORMWATER LAYOUT IS NOMINAL AND TO BE REFINED AT DETAILED DESIGN STAGE.

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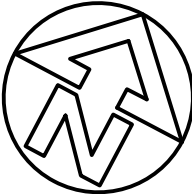
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WANATTA LANE, WOLUMLA NSW 2550
ENGINEERING PLAN - STG 1 (15K)

FILENAME:	PROJECT NUMBER	DRAWING NUMBER	REVISION
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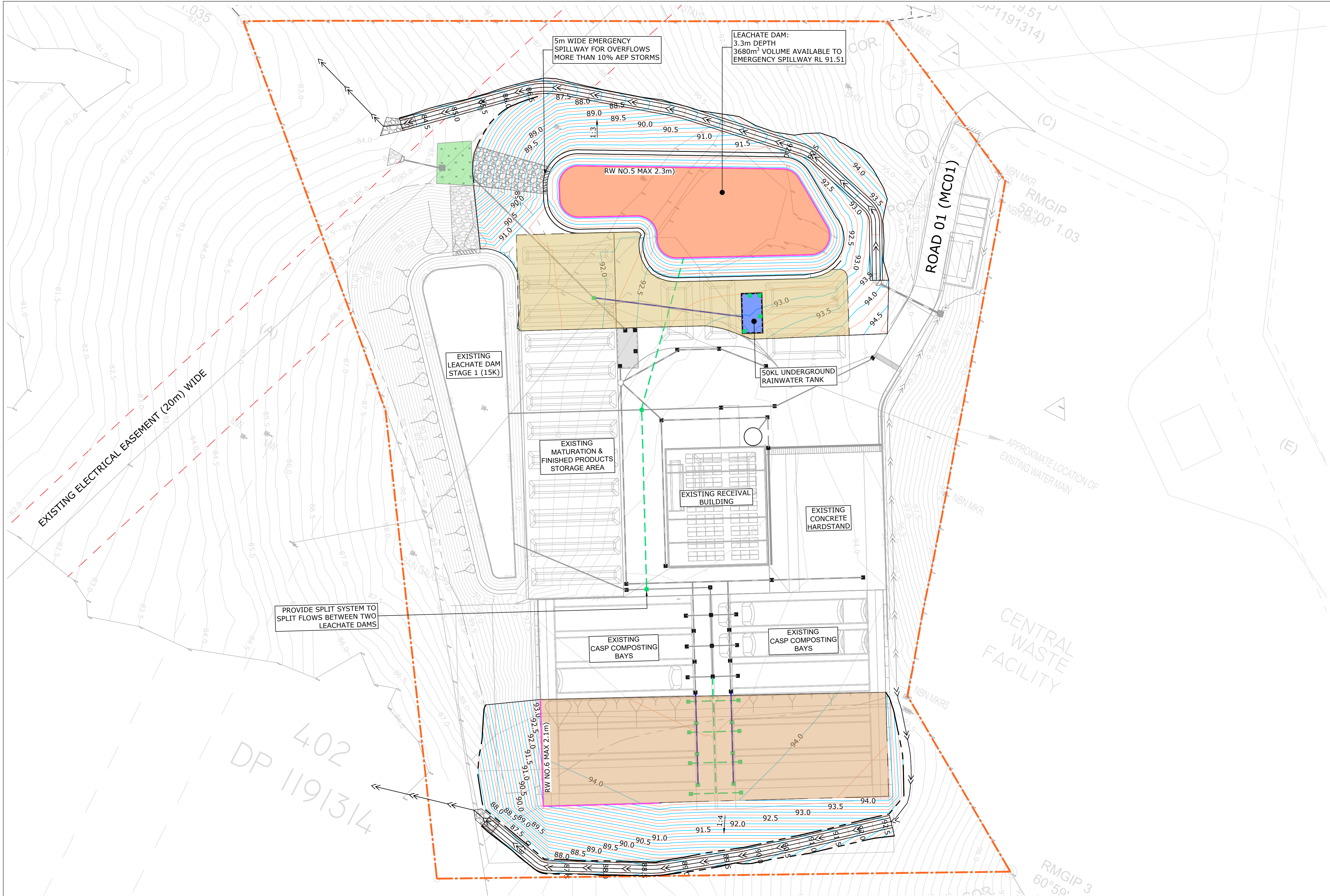


SHEET SIZE
A1

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					APPROVED / PROJECT LEADER
					SINA ARBABZADEH
D	RESPONSE TO COUNCIL RFI	18.08.25	SA	IR	
C	BOUNDARY UPDATE	06.09.24	SA	EJ	
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A	FOR EIS SUBMISSION	29.02.24	TP	IR	
REV	AMENDMENT / REASON FOR ISSUE	DATE	DES.	DWN.	



LEGEND

- SITE BOUNDARY
- PROPOSED STORMWATER PIPE
- PROPOSED TRENCH DRAIN
- DIRTY WATER COLLECTION SYSTEM STG 2 (30K)
- PROPOSED RETAINING WALL (RW)
- MINOR DESIGN CONTOUR
- 1.00 MAJOR DESIGN CONTOUR
- 260.5 EXISTING CONTOUR
- DIVERSION/OVERLAND FLOW SWALE
- EXISTING DIVERSION/OVERLAND FLOW SWALE
- 20m WIDE EXISTING ELECTRICAL EASEMENT
- CONCRETE HARDSTAND
- MATURATION & FINISHED PRODUCTS STORAGE AREA
- CASP COMPOSTING BAYS
- LEACHATE DAM
- BIO RETENTION BASIN

NOTES

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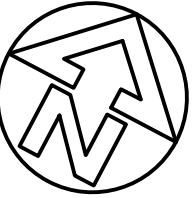
BEGA COMPOST FACILITY
WANATTA LANE, WOLUMLA NSW 2550
ENGINEERING PLAN - STG 2 (30K)

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SHEET SIZE
A1

COORDS: GDA2020 MGA ZONE 55
DATUM: ALL LEVELS TO A.H.D.
SCALE: 1:500
SURVEYED: VERIS
SURVEY DATE: 27.01.2022
APPROVED / PROJECT LEADER
SINA ARBABZADEH

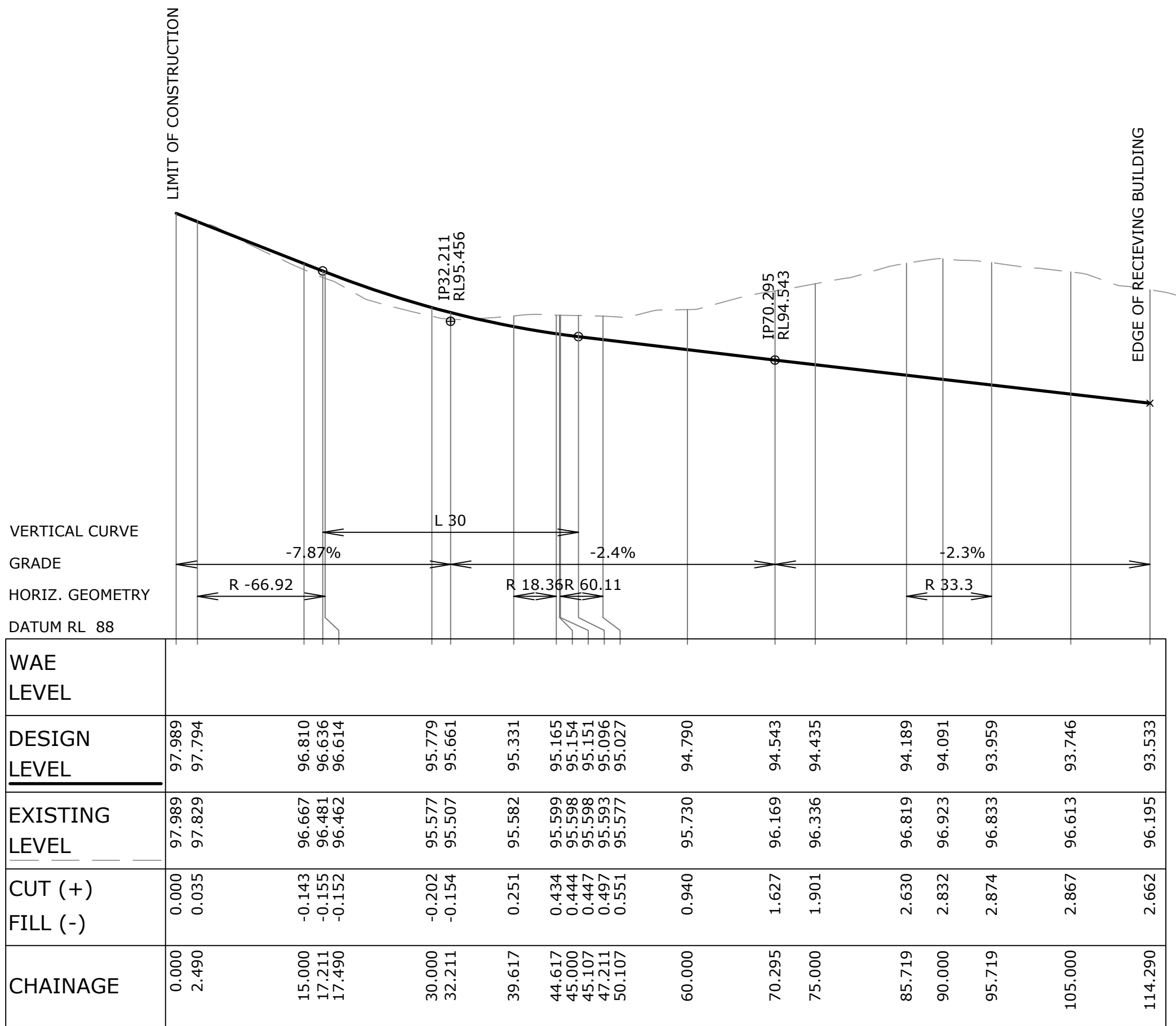
0 5 10 20 30
1 : 500m (A1) - 1 : 1,000m (A3)

100mm ON ORIGINAL DRAWING - DO NOT SCALE DRAWING

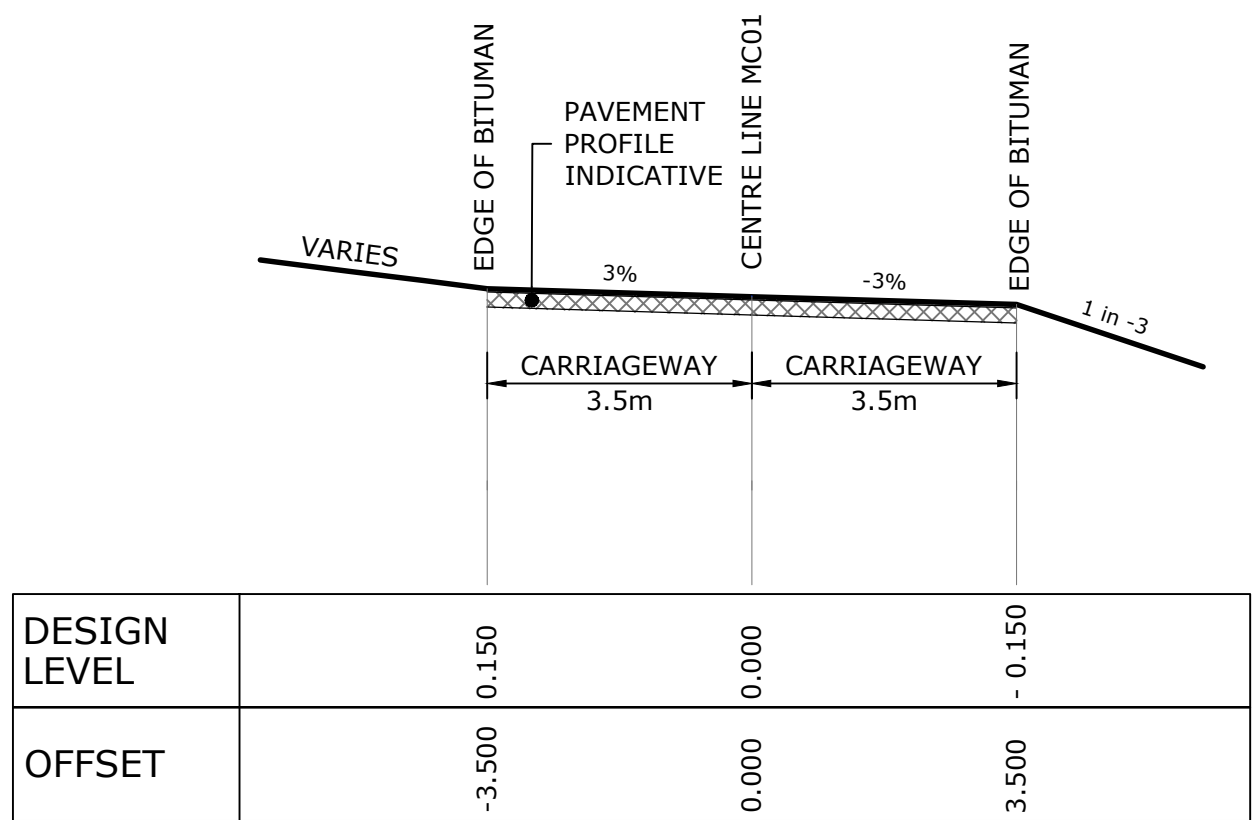
REV	RESPONSE TO COUNCIL RFI AMENDMENT / REASON FOR ISSUE	18.08.25 DATE	SA DES.	IR DWN.
A	RESPONSE TO COUNCIL RFI	18.08.25	SA	IR

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T:\2023\232321 BEGA COMPOST FACILITY - SOILCO DEVELOPMENTS PTY LTD\4_WORKING\1 CAD\01 DWG\232321_DW_C0302_ENP.DWG -C0302-ENP- (05-09-25 1:51:50PM)



HORIZONTAL SCALE 1 : 500
VERTICAL SCALE 1 : 100



HORIZONTAL SCALE 1 : 100
VERTICAL SCALE 1 : 100

THIS DRAWING IS TO BE VIEWED IN COLOUR AS SOME FEATURES / SYMBOLS ARE DIFFERENTIATED BY COLOUR. DRAWING NOT TO BE RELIED ON IF PRINTED IN GREYSCALE.

NOT FOR CONSTRUCTION

SOILCO DEVELOPMENTS LTU LTD

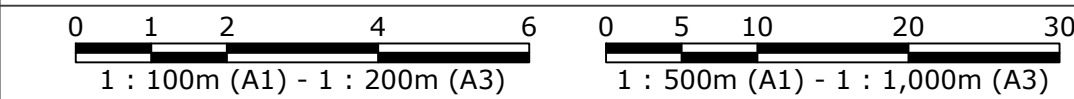
BEGA COMPOST FACILITY
WANATTA LANE, WOLUMLA NSW 2550
LONGITUDINAL & TYPICAL CROSS SECTION
ROAD 01 (MC01)

FILENAME: 232321_DW_C0321-EPLL.DWG PROJECT NUMBER 232321 DRAWING NUMBER C0321 REVISION B



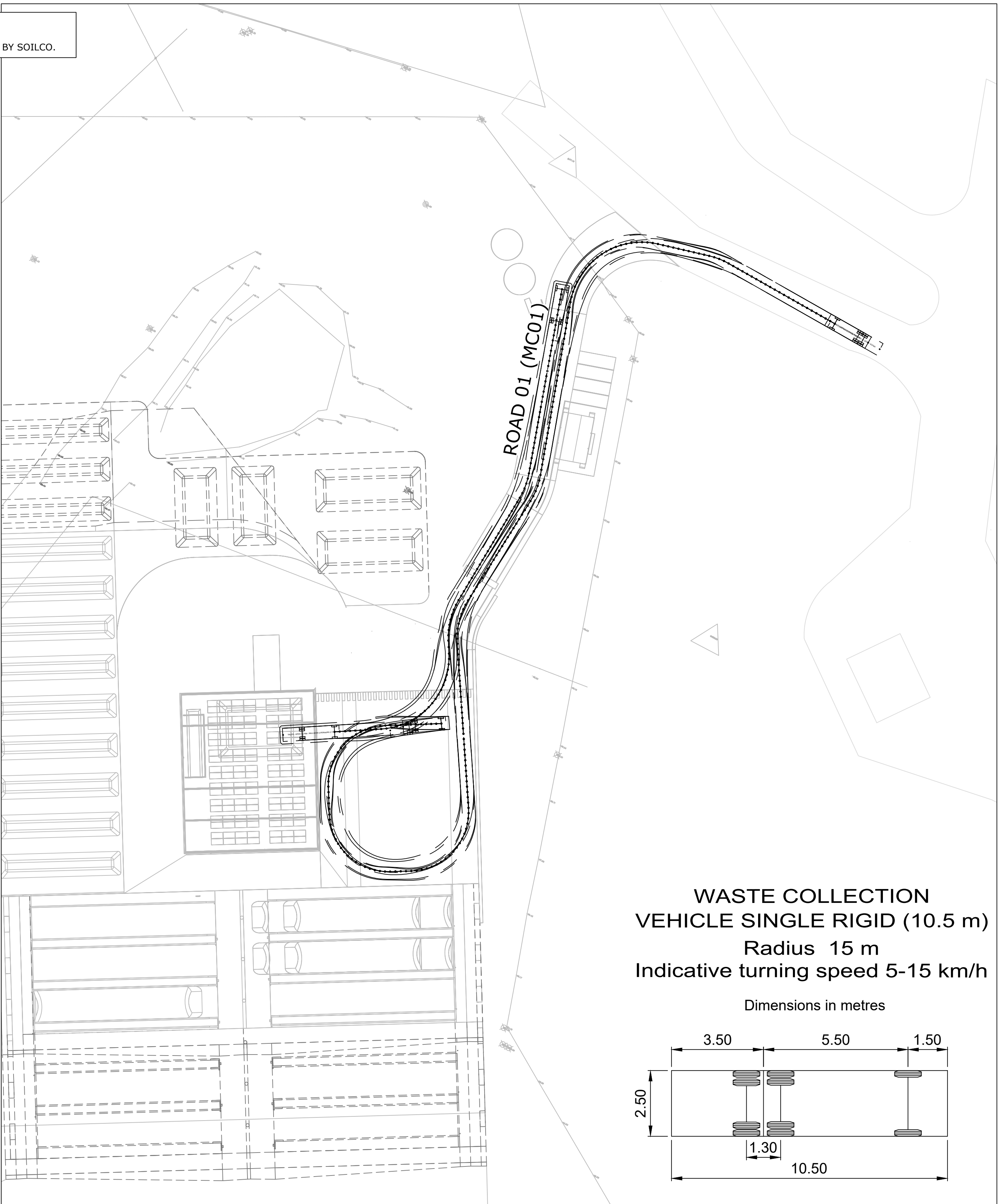
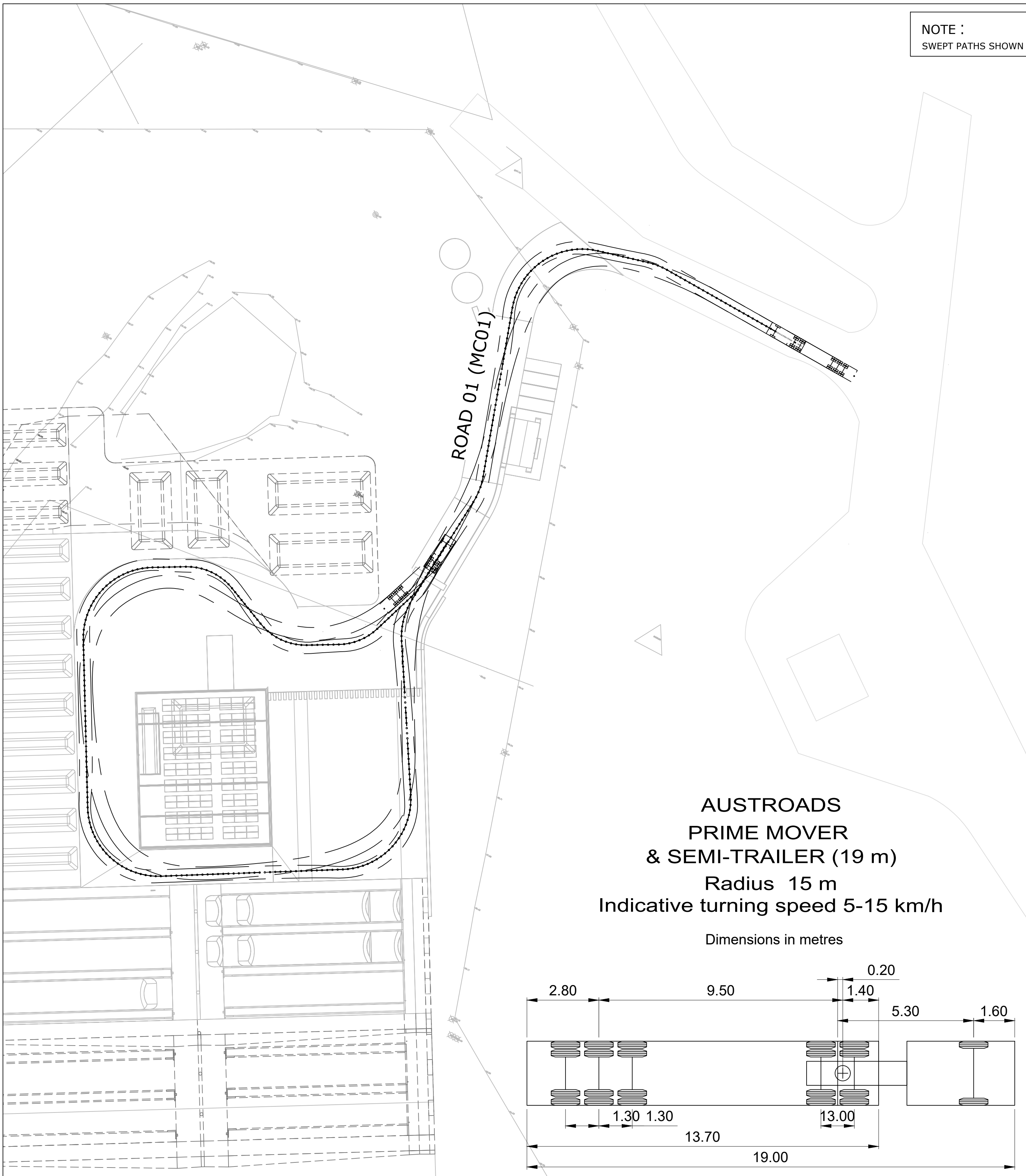
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SHEET SIZE
A1

						COORDS: GDA2020 MGA ZONE 55
						DATUM: ALL LEVELS TO A.H.D.
						SCALE: 1:500 HORIZ.
						1:100 VERT.
						SURVEYED:VERIS
						SURVEY DATE:27.01.2022
B	RESPONSE TO COUNCIL RFI	26.03.24	SA	IR		APPROVED / PROJECT LEADER
A	FOR EIS SUBMISSION	29.02.24	TP	IR		
REV	AMENDMENT / REASON FOR ISSUE	DATE	DES.	DWN.		SINA ARBABZADEH



SWEPT PATH - PRIME MOVER & SEMI-TRAILER

SCALE 1:500

**SWEPT PATH - WASTE COLLECTION VEHICLE
SINGLE RIGID**

SCALE 1:500

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BY COLOUR. DRAWING NOT TO BE RELIED ON IF
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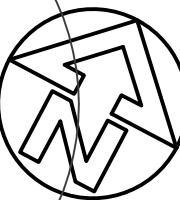
NOT FOR CONSTRUCTION

SOILCO DEVELOPMENTS LTU LTD

**BEGA COMPOST FACILITY
WANATTA LANE, WOLUMLA NSW 2550
SWEPT PATH PLANS**

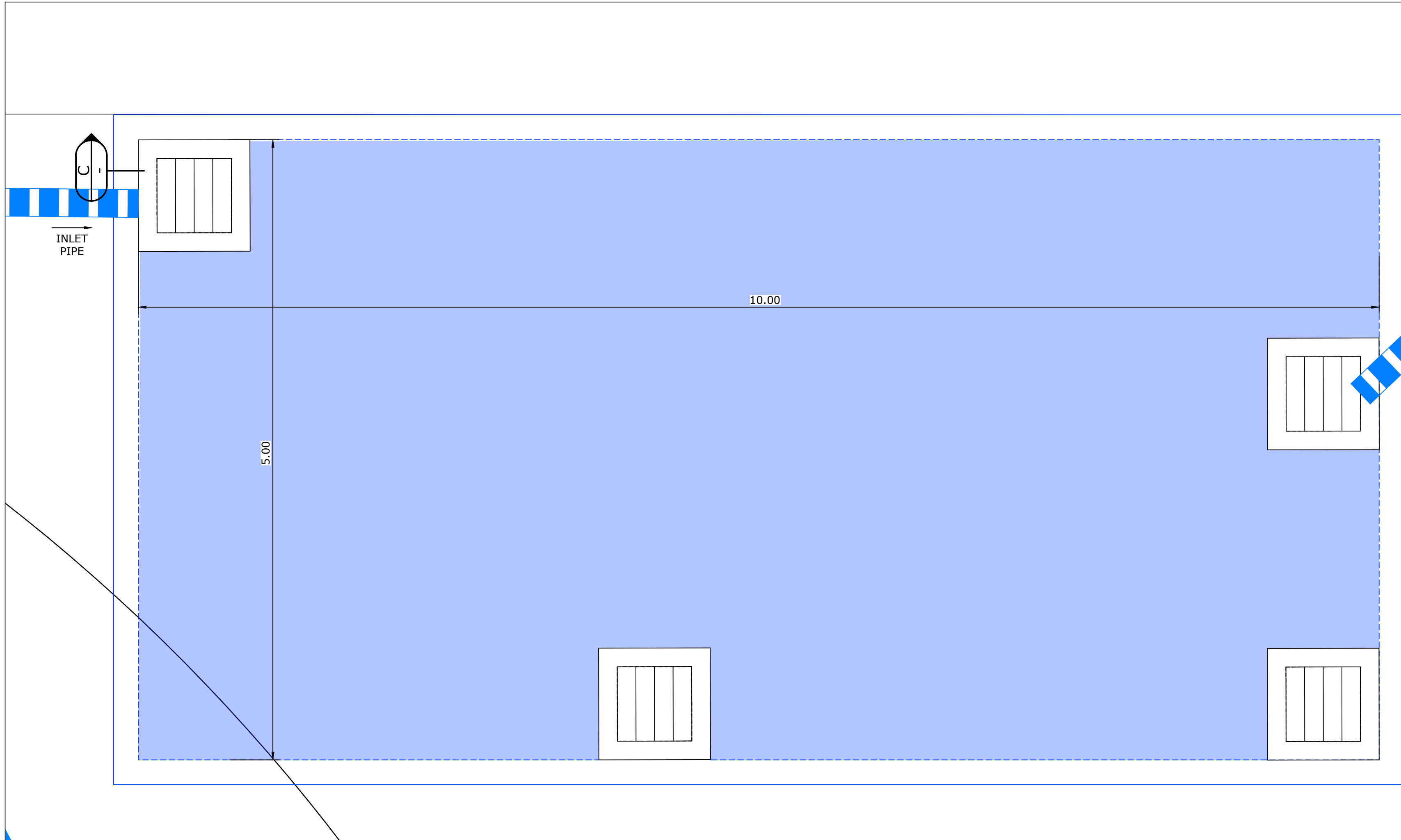
FILENAME: 232321_DW_C0581_SPA.DWG PROJECT NUMBER 232321 DRAWING NUMBER C0581 REVISION C

0 5 10 20 30 1 : 500m (A1) - 1 : 1,000m (A3) 100mm ON ORIGINAL DRAWING - DO NOT SCALE DRAWING					
SHEET SIZE A1					
COORDS: GDA2020 MGA ZONE 55 DATUM: ALL LEVELS TO A.H.D. SCALE: 1:500					
SURVEYED: VERIS SURVEY DATE: 27.01.2022					
APPROVED / PROJECT LEADER					
SINA ARBABZADEH					
C	BOUNDARY UPDATE	06.09.24	SA	EJ	
B	RESPONSE TO COUNCIL RFI	26.03.24	SA	IR	
A	FOR EIS SUBMISSION	29.02.24	TP	IR	
REV	AMENDMENT / REASON FOR ISSUE	DATE	DES.	DWN.	

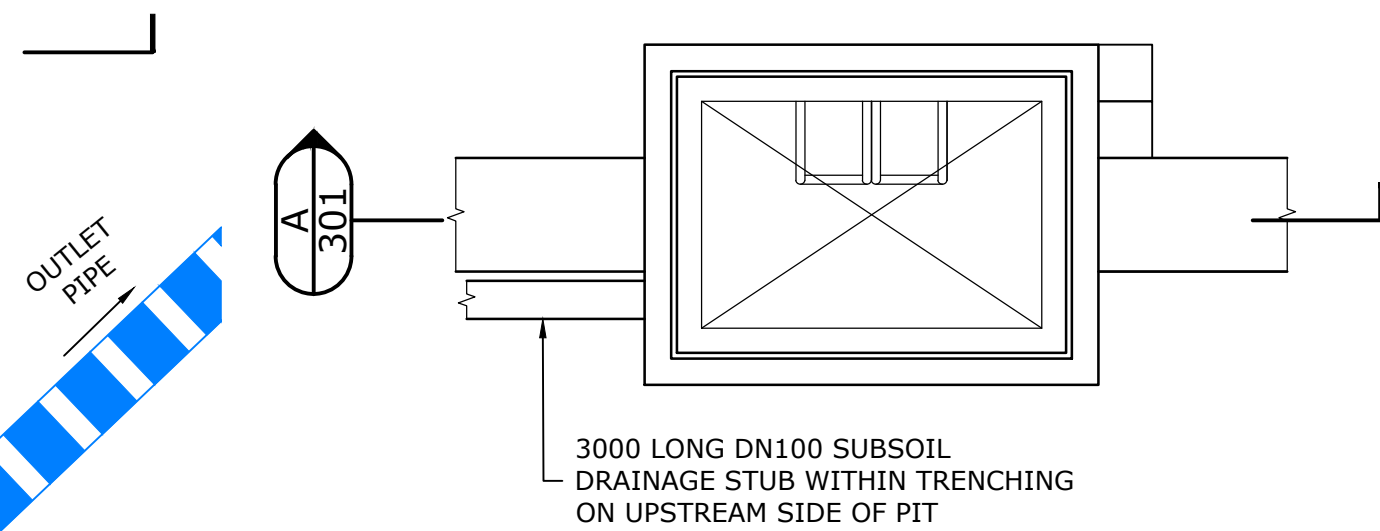


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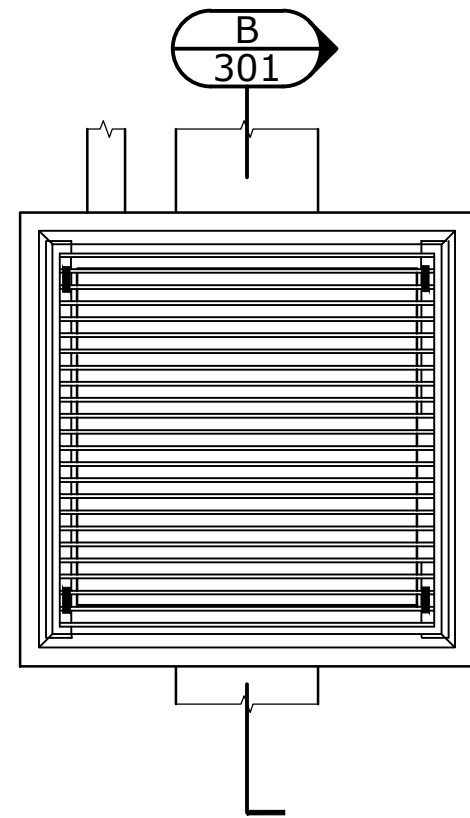
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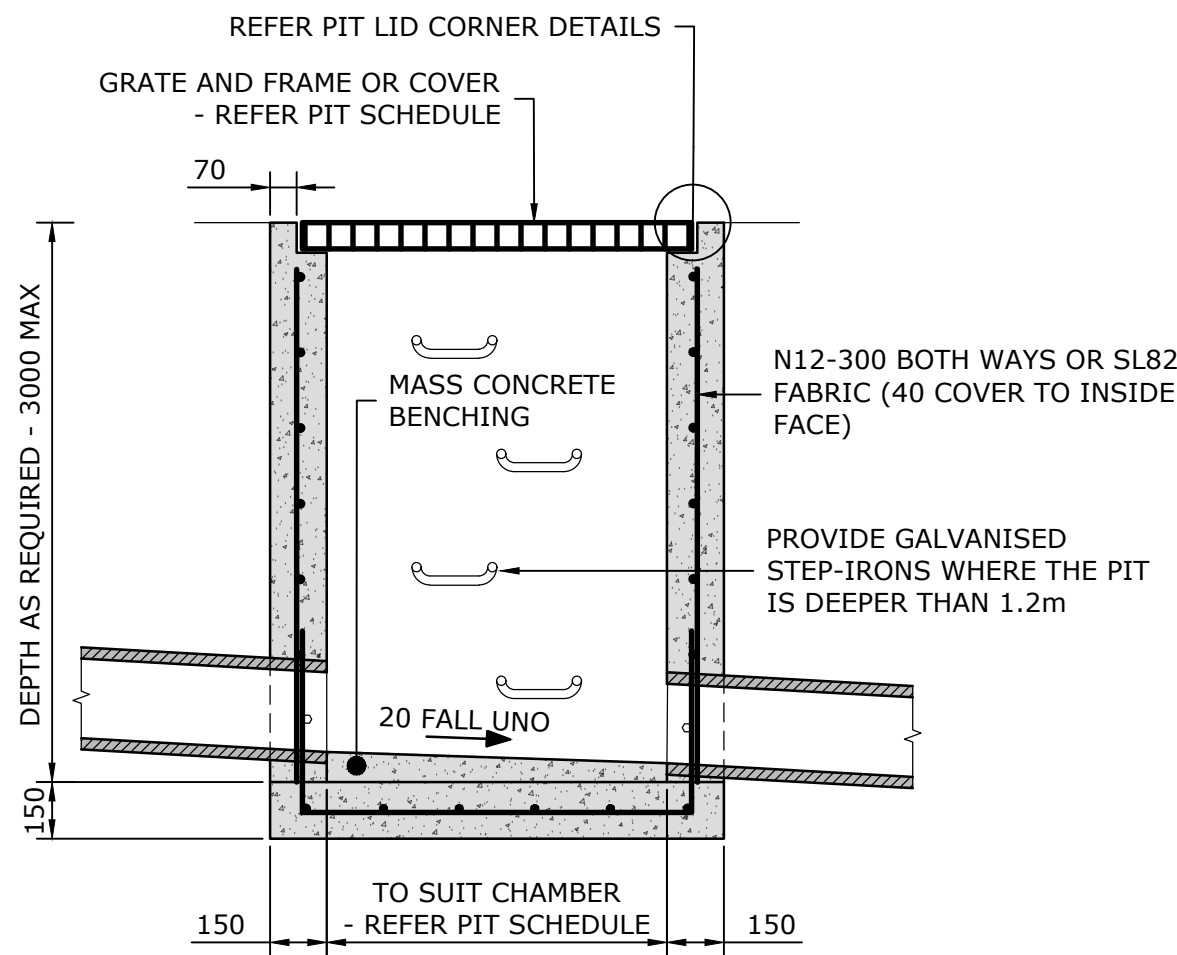
PLAN - UNDERGROUND WATER TANK
SCALE 1:25



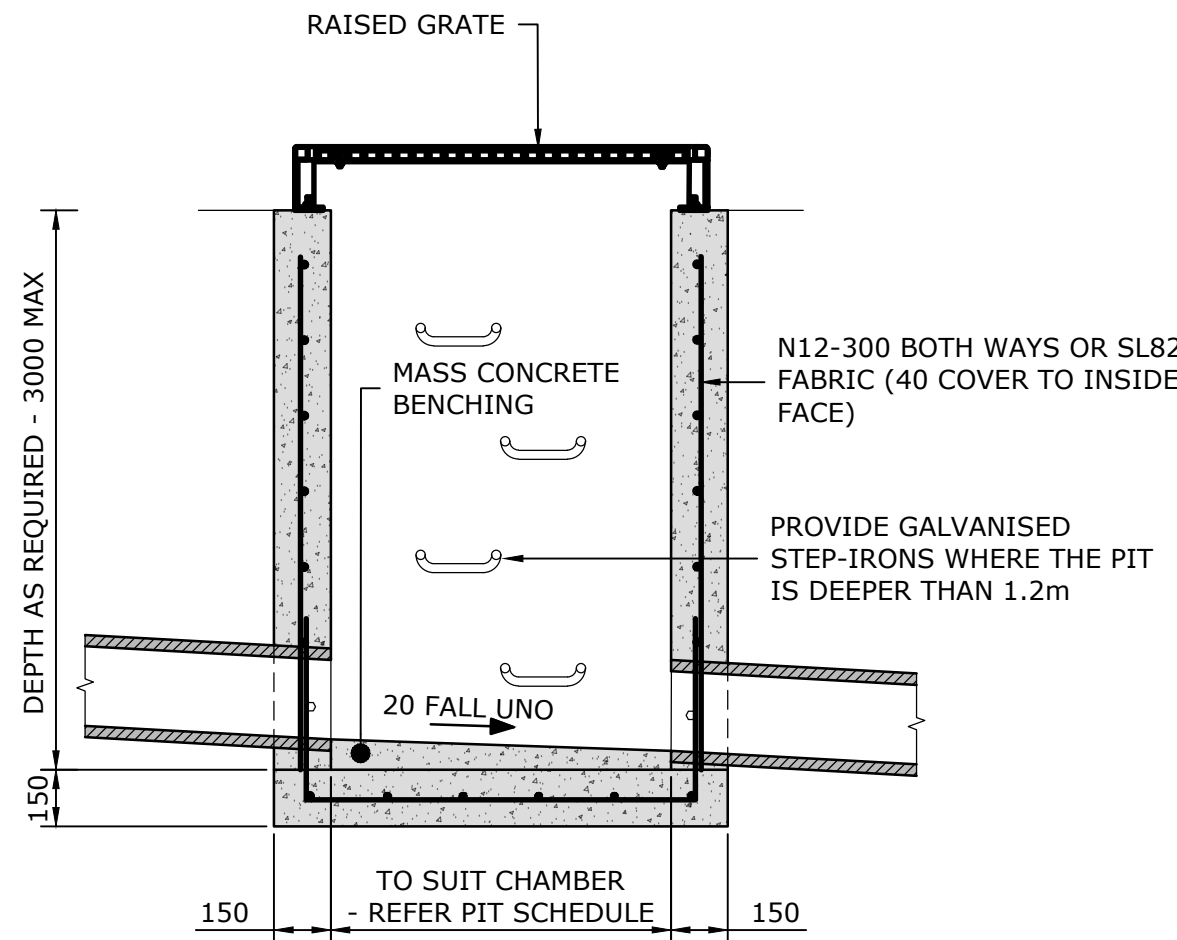
STORMWATER PIT
PLAN SCALE 1:20



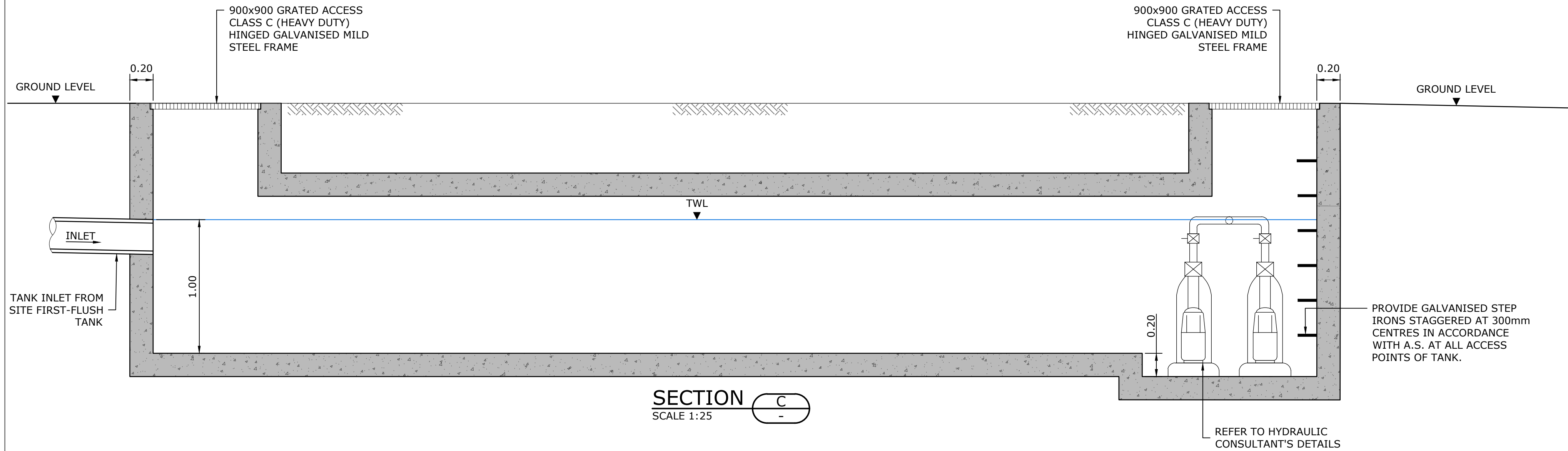
RAISED GRATED STORMWATER PIT
PLAN SCALE 1:20



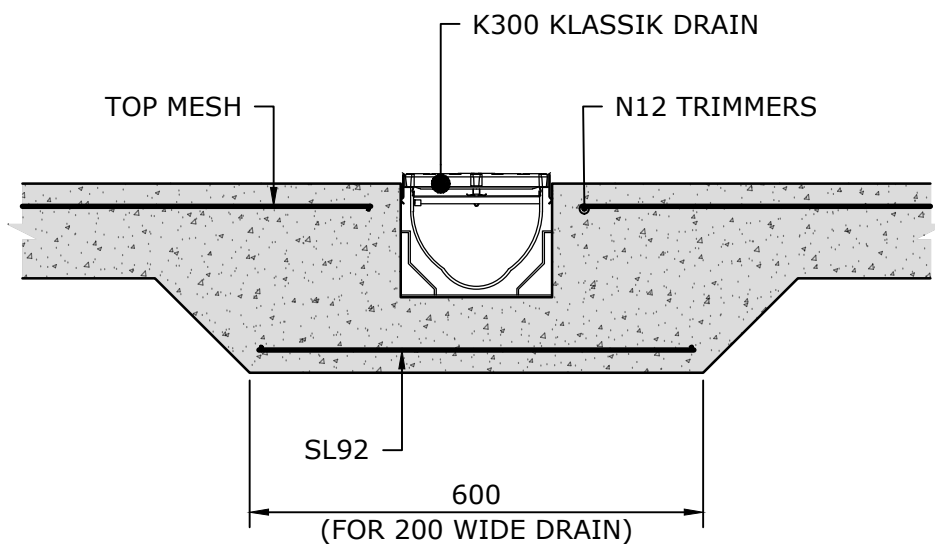
STORMWATER PIT - SECTION A
SECTION SCALE 1:20



STORMWATER PIT - SECTION B
SECTION SCALE 1:20



SECTION C
SCALE 1:25



GRADED DRAIN
SECTION 1:10mm

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SHEET SIZE					
A1					
COORDS: GDA2020 MGA ZONE 55					
DATUM: ALL LEVELS TO A.H.D.					
SCALE: AS SHOWN					
SURVEYED: VERIS					
SURVEY DATE: 27.01.2022					
APPROVED / PROJECT LEADER					
SINA ARBABZADEH					
REV	AMENDMENT / REASON FOR ISSUE	DATE	DES.	DWN.	
C	RESPONSE TO COUNCIL RFI	18.08.25	SA	IR	
B	RESPONSE TO COUNCIL RFI	26.03.24	SA	IR	
A	FOR EIS SUBMISSION	29.02.24	TP	IR	

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SOILCO DEVELOPMENTS LTY LTD			
BEGA COMPOST FACILITY			
WANATTA LANE, WOLUMLA NSW 2550			
TYPICAL DETAILS			
FILENAME:	PROJECT NUMBER	DRAWING NUMBER	REVISION
232321_DW_C0801_DET.DWG	232321	C0801	C