Civil Design Documentation

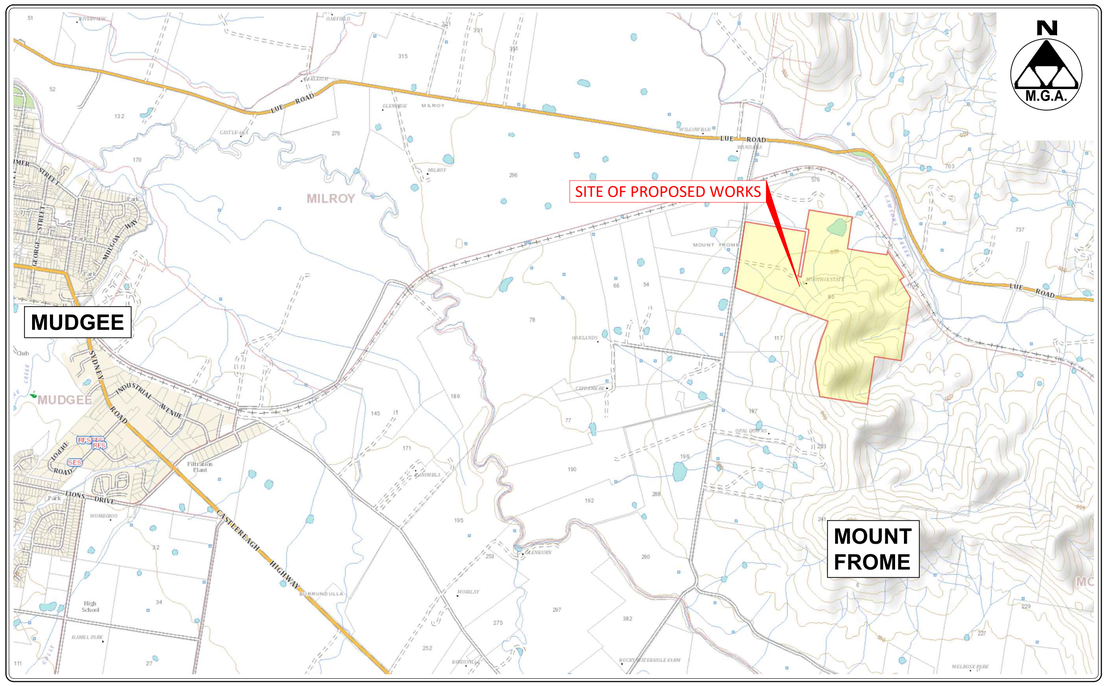
Proposed Development

Peppertree Hill Estate

Lot 2 in DP 1283989

85 Rocky Waterhole Road, Mount Frome, NSW 2850

SCHEDULE OF DRAWINGS



LOCALITY PLAN

NOT TO REDUCTION RATIO

SUBMISSION FOR DA

BARNSON PTY LTD

phone 1300 BARNSON (1300 227 676)
email generalenquiry@barnson.com.au
web barnson.com.au

Rev	Date	Description
A	20-03-2025	PRELIMINARY DRAWING
B	30-04-2025	REVISED LAYOUT
C	13-05-2025	PROPOSED LAYOUT AMENDED
D	23-05-2025	ROAD & SW DETAILS ADDED

Project
CIVIL DESIGN DOCUMENTATION
PROPOSED DEVELOPMENT
Site Address
85 ROCKY WATERHOLE ROAD
MOUNT FROME NSW 2850
Client
WILD MODULAR

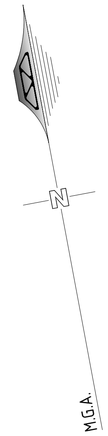
Drawing Title
COVER SHEET & DRAWING SCHEDULE

Design LM
Drawn JS
Check LM
Original Sheet Size A1
Revision D

Certification

Project No 47299
Drawing No C00

BEFORE YOU DIG
www.byda.com.au



LEGEND

- EXISTING SUBJECT CADASTRAL BOUNDARIES
- Ex. OE — EXISTING OVERHEAD ELECTRICITY CABLES
- ELECTRICITY POWER POLE
- WATER TAP

EXISTING SITE PLAN

REDUCTION RATIO 1:1,500 @ A1
1:3,000 @ A3

SCALE 1:1500(A1)
0 10 20 40 60 80 100
0 10 20 40 60 80 100
SCALE 1:3000(A3)

SUBMISSION FOR DA

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DESIGN . PLAN . MANAGE

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MOUNT FROME NSW 2850
Client
WILD MODULAR

Drawing Title
EXISTING SITE PLAN

Design LM
Drawn JS
Check LM
Original Sheet Size A1
Revision D
Certification
Project No 47299
Drawing No C01

BEFORE YOU DIG
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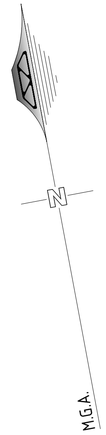

LEGEND (proposed)

- EXTENT OF PROPOSED GRAVEL DRIVEWAY
- EXTENT OF PROPOSED ROOFS
- EXTENT OF PROPOSED RIP-RAP LINED CAUSEWAY
- NEW 300mmØ BLUEMAX PIPE
- NEW CONCRETE HEADWALL

LEGEND

- EXISTING SUBJECT CADASTRAL BOUNDARIES
- Ex. OE — EXISTING OVERHEAD ELECTRICITY CABLES
- ELECTRICITY POWER POLE
- WATER TAP

PROPOSED SITE PLAN

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1:3,000 @ A3

SCALE 1:1500(A1)
0 10 20 40 60 80 100
0 10 20 40 60 80 100
SCALE 1:3000(A3)

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Site Address
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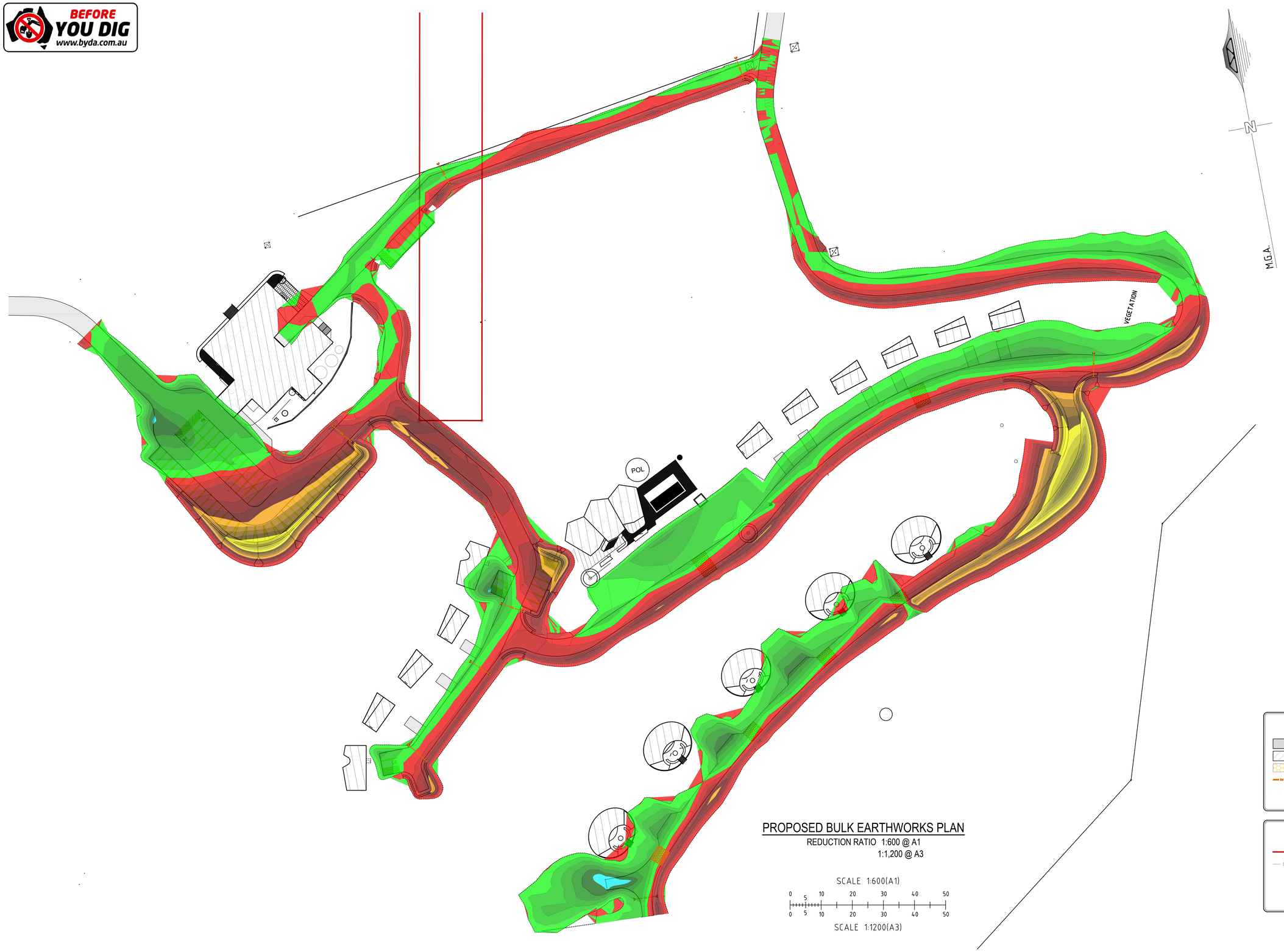
MOUNT FROME NSW 2850
Client
WILD MODULAR

Drawing Title
PROPOSED SITE PLAN

Design LM
Drawn JS
Check LM
Original Sheet Size A1
Revision D

Certification

Project No 47299
Drawing No C02



PROPOSED BULK EARTHWORKS PLAN

REDUCTION RATIO 1:600 @ A1
1:1,200 @ A3

SCALE 1:600(A1)

0 5 10 20 30 40 50

0 5 10 20 30 40 50

SCALE 1:1200(A3)

DEPTH RANGE LEGEND

LOWER VALUE	UPPER VALUE	COLOUR
-5.000	-3.000	
-3.000	-2.800	
-2.800	-2.600	
-2.600	-2.400	
-2.400	-2.200	
-2.200	-2.000	
-2.000	-1.800	
-1.800	-1.600	
-1.600	-1.400	
-1.400	-1.200	
-1.200	-1.000	
-1.000	-0.800	
-0.800	-0.600	
-0.600	-0.400	
-0.400	-0.200	
-0.200	0.000	
0.000	0.200	
0.200	0.400	
0.400	0.600	
0.600	0.800	
0.800	1.000	
1.000	1.200	
1.200	1.400	
1.400	1.600	
1.600	1.800	
1.800	2.000	
2.000	4.000	

BULK EARTHOWRKS VOLUMES

TOTAL CUT = 5,515.935m³
TOTAL FILL = 2,261.019m³

EXCESS OF CUT OVER FILL = 3,254.915m³

LEGEND (proposed)

- EXTENT OF PROPOSED GRAVEL DRIVEWAY
- EXTENT OF PROPOSED ROOFS
- EXTENT OF PROPOSED RIP-RAP LINED CAUSEWAY
- NEW 300mmØ BLUEMAX PIPE
- NEW CONCRETE HEADWALL

LEGEND

- EXISTING SUBJECT CADASTRAL BOUNDARIES
- Ex. OE — Ex. OE — EXISTING OVERHEAD ELECTRICITY CABLES
- ELECTRICITY POWER POLE
- WATER TAP

SUBMISSION FOR DA

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Site Address
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MOUNT FROME NSW 2850
Client
WILD MODULAR

Drawing Title
PROPOSED BULK EARTHWORKS PLAN

Design LM
Drawn JS
Check LM

Original Sheet Size A1
Revision D

Certification

Project No 47299
Drawing No C03

SITEWORKS NOTES

1. ORIGIN OF LEVELS :-AHD.
2. SUB-CONTRACTOR MUST VERIFY ALL DIMENSIONS AND EXISTING LEVELS ON SITE PRIOR TO COMMENCEMENT OF WORK.
3. ALL WORK IS TO BE UNDERTAKEN IN ACCORDANCE WITH THE DETAILS SHOWN ON THE DRAWINGS, THE SPECIFICATIONS AND THE DIRECTIONS OF THE SUPERINTENDENT.
4. EXISTING SERVICES HAVE BEEN OBTAINED FROM SURFACE INSPECTION ONLY. IT IS THE RESPONSIBILITY OF THE SUB-CONTRACTOR TO ESTABLISH THE LOCATION AND LEVEL OF ALL EXISTING SERVICES PRIOR TO THE COMMENCEMENT OF ANY WORK. ANY DISCREPANCIES SHALL BE REPORTED TO THE SUPERINTENDENT. CLEARANCES SHALL BE OBTAINED FROM THE RELEVANT SERVICE AUTHORITY.
5. WHERE NEW WORKS ABUT EXISTING THE SUB-CONTRACTOR SHALL ENSURE THAT A SMOOTH EVEN PROFILE, FREE FROM ABRUPT CHANGES IS OBTAINED.
6. THE SUB-SUB-CONTRACTOR SHALL ARRANGE ALL SURVEY SETOUT TO BE CARRIED OUT BY A REGISTERED SURVEYOR.
7. CARE IS TO BE TAKEN WHEN EXCAVATING NEAR EXISTING SERVICES. NO MECHANICAL EXCAVATIONS ARE TO BE UNDERTAKEN OVER TELECOM OR ELECTRICAL SERVICES. HAND EXCAVATE IN THESE AREAS.
8. ON COMPLETION OF CONSTRUCTION, ALL DISTURBED AREAS MUST BE RESTORED TO ORIGINAL, INCLUDING FOOTPATHS, CONCRETE AREAS, GRAVEL AND GRASSED KERBS, AREAS AND ROAD PAVEMENTS.
9. MAKE SMOOTH TRANSITION TO EXISTING SURFACES.
10. THE SUB-CONTRACTOR SHALL PROVIDE ALL TEMPORARY DIVERSION DRAINS AND MOUNDS TO ENSURE THAT AT ALL TIMES EXPOSED SURFACES ARE FREE DRAINING AND WHERE NECESSARY EXCAVATE SUMPS AND PROVIDE PUMPING EQUIPMENT TO DRAIN EXPOSED AREAS. ALL WORK TO BE UNDERTAKEN WITH ADHERENCE TO THE REQUIREMENTS OF THE SOIL AND WATER MANAGEMENT PLAN.
11. THESE PLANS SHALL BE READ IN CONJUNCTION WITH APPROVED ARCHITECTURAL, STRUCTURAL, HYDRAULIC AND MECHANICAL DRAWINGS AND SPECIFICATIONS.

BULK EARTHWORKS APPROVALS

1. APPROVAL IS REQUIRED BY ALL RELEVANT AUTHORITIES PRIOR TO COMMENCEMENT OF WORKS ON SITE.
2. THE BULK EARTHWORKS PLANS AND ALL SUPPORTING INFORMATION INCLUDING ALL EROSION AND SEDIMENT CONTROL PLANS SHALL REMAIN ON SITE AT ALL TIMES.

EXISTING SERVICES

1. EXACT LOCATION OF ALL SERVICES SHALL BE LOCATED PRIOR TO THE COMMENCEMENT OF WORK. IT IS THE BUILDERS RESPONSIBILITY TO CONFIRM THE DEPTH AND LOCATION OF SERVICES AND BARNSON PTY LTD ACCEPTS NO RESPONSIBILITY FOR THE COMPLETENESS OR ACCURACY OF THE SERVICES SHOWN.

ADJOINING PROPERTY

1. IT IS THE SUB-CONTRACTOR'S RESPONSIBILITY TO ENSURE THE EFFECTS OF THE EARTHWORKS DO NOT HAVE AN IMPACT TO THE NEIGHBOURING PROPERTIES. SHOULD AN ISSUE ARISE ON SITE, THE SUB-CONTRACTOR SHALL INFORM THE SUPERINTENDENT IMMEDIATELY.
2. THE SUB-CONTRACTOR IS TO RECEIVE WRITTEN PERMISSION PRIOR TO ENTERING OR COMMENCING WORK OUTSIDE THE DEVELOPMENT SITE AND SHALL RECEIVE PERMISSION FROM EASEMENT HOLDERS AND LOCAL AUTHORITY PRIOR TO WORK COMMENCING.

AUTHORITY REGULATIONS

1. HAUL ROUTES FROM SITE IS TO BE AS FOLLOWS: SITE > TO BE CONFIRMED, STAY ON MAIN ROADS.
2. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PRIOR TO WORK COMMENCING AS REQUIRED BY THE COUNCIL APPROVED SEDIMENT & EROSION CONTROL PLAN.
3. ALL VEGETATION PROTECTION AND PRESERVATION MEASURES SHALL BE INSTALLED PRIOR TO COMMENCEMENT OF WORK.

SOIL CONTAMINATION

1. ANY SUSPECTED GROUND OR GROUND WATER CONTAMINATION SHALL BE INVESTIGATED BY A SUITABLY QUALIFIED GEOTECHNICAL ENGINEER.

CONSTRUCTION RECORDS

1. ADEQUATE RECORDS SHALL BE KEPT THROUGHOUT CONSTRUCTION INCLUDING, BUT NOT LIMITED TO;
   - LOCATION AND QUANTITY OF EXCESS CUT (DUMP SITE);
   - THE AREAS ON SITE OF ALL FILL;
   - LEVELS OF STRIPPED SURFACE;
   - LOCATION OF ANY VEGETATION REMOVED;
   - LOCATION OF SITE CONTAMINATION/UNSUITABLE MATERIAL;
   - LEVELS AT COMPLETION OF BULK EARTHWORKS WORK;
   - DETAILS OF SUB-GRADE TEST ROLLING (PROOF ROLLING);
   - TYPES/SOURCE OF FILL MATERIAL;
   - LOCATION LEVEL AND RESULT OF EACH COMPACTION TEST;
   - RECORD OF ALL ACTIONS TAKEN ON SITE.

UNSUITABLE MATERIALS

1. REFER TO GEOTECHNICAL ENGINEER, AS REQUIRED, FOR DETERMINATION OF SUITABILITY OF MATERIAL WON ON SITE, OR BORROW PIT TO BE USED AS FILL MATERIAL.
2. ALL UNSUITABLE FILL SHALL BE EITHER REMOVED OR USED ORGANIC MATTER FROM BUILDING AND PAVEMENT AREAS TO AN
3. PRIOR TO ANY EARTHWORKS STRIP TOPSOIL, CONTAINING AS PER THE RECOMMENDATIONS IN THE GEOTECHNICAL REPORT. APPROXIMATE DEPTH OF 0.10M, SPOIL MATERIAL AS DIRECTED BY THE MANAGER. REMOVE RUBBLE, OVER SATURATED MATERIALS AND ALL ORGANIC MATTER.

TESTING/INSPECTIONS

1. ALL TESTING OF EARTHWORKS SHALL BE DONE AT THE SUB-CONTRACTOR'S EXPENSE, UNLESS NOTED OTHERWISE. SHALL A SUB-GRADE OR PROOF ROLL INSPECTION FAIL, OR 2. ADDITIONAL INSPECTIONS BE REQUIRED FOR ANY REASON OUTSIDE, THE SUB-CONTRACTOR WILL WEAR THE COSTS OF ANY SUBSEQUENT RE-INSPECTIONS UNLESS NOTED OTHERWISE.

EARTHWORKS SEQUENCE

1. INSTALL ALL VEGETATION PROTECTION, EROSION AND SEDIMENT CONTROL, AND SITE-SPECIFIC MEASURES PRIOR TO THE COMMENCEMENT OF ANY WORK.
2. STRIP ALL TOPSOIL/ORGANIC MATERIAL FROM CONSTRUCTION AREA AND REMOVE FROM SITE OR STOCKPILE AS DIRECTED BY THE SUPERINTENDENT.
3. EXCAVATE MATERIAL AS INDICATED ON THE BULK EARTHWORKS PLAN.
4. PRIOR TO PLACING FILL, PROOF ROLL EXPOSED SUB-GRADE WITH AN 8 TONNE (MINIMUM) ROLLER OR WATER TRUCK TO DETECT THEN REMOVE SOFT SPOTS, REPLACE UNSUITABLE MATERIAL WITH SUITABLE GRANULAR MATERIAL AND COMPACT TO THE MINIMUM COMPACTION REQUIREMENTS LISTED. (TO BE UNDERTAKEN IN THE PRESENCE OF A CIVIL/GEOTECHNICAL ENGINEER
5. GEOTECHNICAL ENGINEER TO UNDERTAKE SUB-GRADE COMPACTION TESTING TO LEVEL 1, AS PER AS 3798 (2007) AND PROVIDE CBR VALUES FOR ADJUSTMENT TO PAVEMENT DESIGN.
6. FILLING IS TO BE PLACED AND COMPACTED IN MAXIMUM 150MM LAYERS AND TO THE MINIMUM COMPACTION REQUIREMENTS LISTED.
7. AFTER ALL BULK EARTHWORKS HAVE OCCURRED, PROOF ROLL THE FINISHED PAD LEVEL WITH AN 8 TONNE (MINIMUM) ROLLER OR WATER TRUCK TO DETECT, THEN REMOVE SOFT SPOTS, REPLACE UNSUITABLE MATERIAL WITH SUITABLE GRANULAR MATERIAL AND COMPACT TO THE MINIMUM COMPACTION REQUIREMENTS LISTED.

SCOUR PROTECTION NOTES

1. SCOUR PROTECTION IS TO BE PROVIDED AS A 3000mm WIDE DISTRIBUTION x 300mm DEEP D_{50} 100mm RIP RAP PLACED ON A SINGLE LAYER OF GEOTEXTILE (BIDIM A34 OR EQUIVALENT)
2. GRADING TO BE AS PER TABLE BELOW

EQUIVALENT SPHERICAL DIAMETER	PERCENT (BY WEIGHT) OF RIP RAP OF SMALLER SIZE
1.5 - 2.0 TIMES D ++$_{50}$	100%
D_{50}	50%
0.3 D_{50}	10 - 20%

THE DIAMETER OF A SPHERE WITH AN EQUIVALENT VOLUME TO THE INDIVIDUAL ROCK.

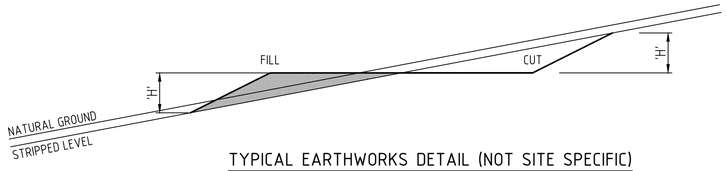
++ D_{50} IS THE MEDIAN RIP RAP DIAMETER OF THE ROCK MIX. (i.e. 50% (BY WEIGHT) IS SMALLER AND 50% (BY WEIGHT) IS LARGER).

TYPICAL EARTHWORKS EMBANKMENT NOTES

1. IT IS THE BUILDER'S RESPONSIBILITY TO ENSURE THAT THE SITE WORKS DO NOT COMPROMISE/UNDERMINE OR PLACE ADDITIONAL SURCHARGE ON ANY EXISTING STRUCTURES.
2. BATTER ANGLES MUST COMPLY WITH LOCAL AUTHORITY REQUIREMENTS AND ARE TO CONFORM TO THE ABOVE DIAGRAM.
3. ALL BATTERS SHALL BE PROTECTED FROM EROSION, AND ADEQUATE EROSION AND SEDIMENT CONTROL MEASURES IN PLACE PRIOR TO THE COMMENCEMENT OF WORK.
4. SHOULD THE ABOVE CONDITIONS NOT BE ACHIEVED, BARNSON MUST BE CONTACTED PRIOR TO ANY SITE WORKS BEING UNDERTAKEN.

PAD AND FINISHED LEVEL NOTES

1. ACTUAL FINISHED LEVELS SHOWN ON THIS PLAN ARE FOR THE SUB-CONTRACTOR'S GUIDANCE ONLY. ACTUAL FINISHED LEVELS SHALL BE SET-OUT IN ACCORDANCE WITH ARCHITECTURAL PLANS (REPORT ANY DISCREPANCIES TO BARNSON IMMEDIATELY).



TYPICAL EARTHWORKS DETAIL (NOT SITE SPECIFIC)

NOT TO SCALE

BATTER ANGLES - SHORT TERM

SLOPE = H:L (H<2m, H/L)	MATERIAL TYPE (REFER GEOTECHNICAL REPORT)					
	STABLE ROCK	SAND	SILT	FIRM CLAY	SOFT CLAY	SOFT SOILS
COMPACTED FILL	1:1	1:3	1:4	1:2	N/A	N/A
CUTTING	N/A	1:3	1:4	1:2	1:3	N/A

N/A = REFER TO GEOTECHNICAL REPORT FOR TREATMENT OF UNSUITABLE MATERIAL

ALL BATTER ANGLES ARE APPROXIMATE ONLY AND SHOULD BE CONFIRMED BY A GEOTECHNICAL ENGINEER.

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PROPOSED DEVELOPMENT
Site Address
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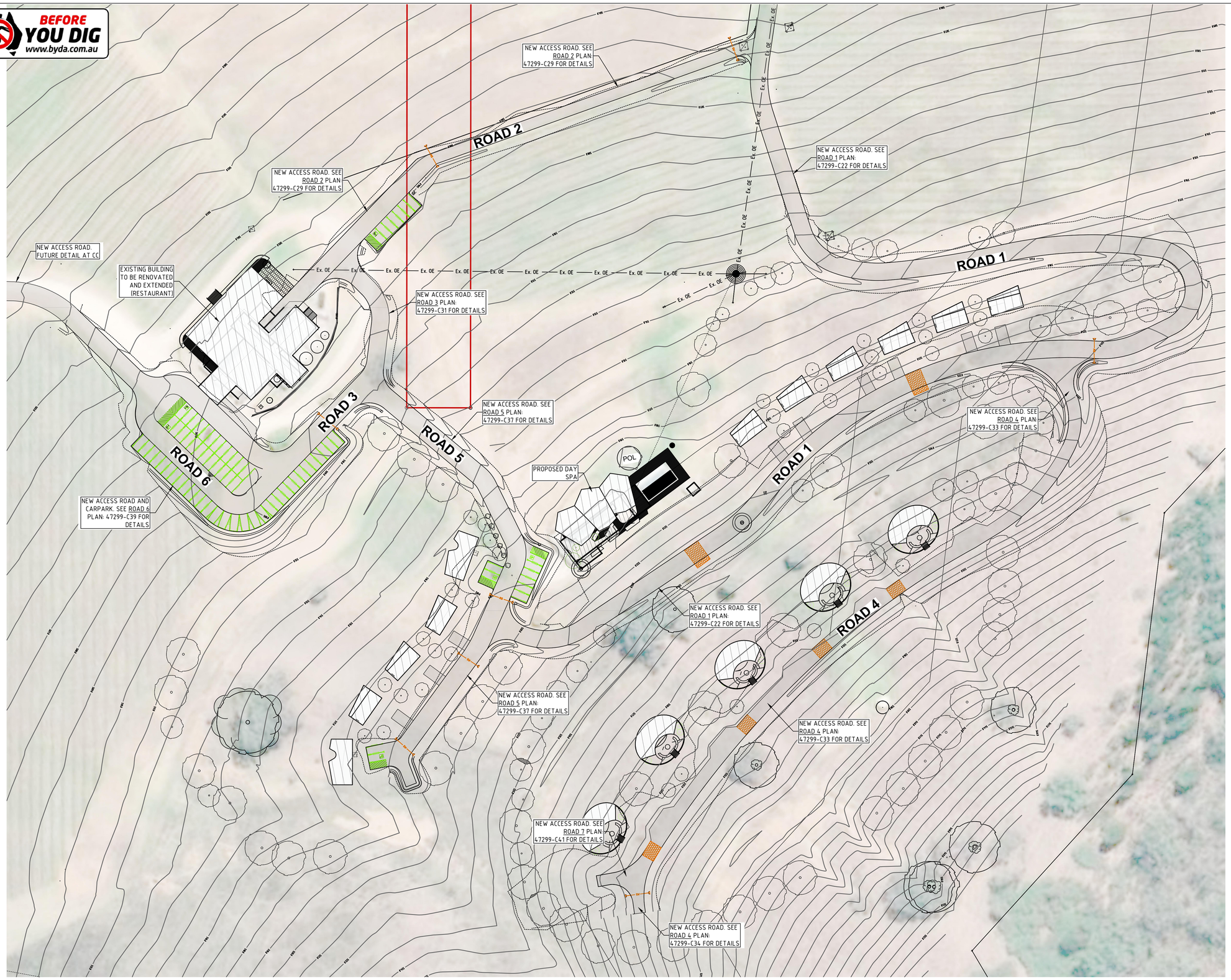
MOUNT FROME NSW 2850
Client
WILD MODULAR

Drawing Title
PROPOSED BULK EARTHWORKS SPECIFICATIONS

Design LM
Drawn JS
Check LM
Original Sheet Size A1
Revision D

Certification

Project No 47299
Drawing No C04



N

M.G.A.

PROPOSED ROAD PLAN

REDUCTION RATIO 1:600 @ A1
1:1,200 @ A3

SCALE 1:600(A1)
0 5 10 20 30 40 50
0 5 10 20 30 40 50
SCALE 1:1200(A3)

LEGEND (proposed)

- EXTENT OF PROPOSED GRAVEL DRIVEWAY
- EXTENT OF PROPOSED ROOFS
- EXTENT OF PROPOSED RIP-RAP LINED CAUSEWAY
- NEW 300mmØ BLUEMAX PIPE
- NEW CONCRETE HEADWALL

LEGEND

- EXISTING SUBJECT CADASTRAL BOUNDARIES
- Ex. OE — EXISTING OVERHEAD ELECTRICITY CABLES
- ELECTRICITY POWER POLE
- WATER TAP

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Drawn JS
Check LM
Original Sheet Size A1
Revision D

Certification

Project No 47299
Drawing No C20

SITEWORKS NOTES

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2. SUB-CONTRACTOR MUST VERIFY ALL DIMENSIONS AND EXISTING LEVELS ON SITE PRIOR TO COMMENCEMENT OF WORK.
3. ALL WORK IS TO BE UNDERTAKEN IN ACCORDANCE WITH THE DETAILS SHOWN ON THE DRAWINGS, THE SPECIFICATIONS AND THE DIRECTIONS OF THE SUPERINTENDENT.
4. EXISTING SERVICES HAVE BEEN OBTAINED FROM SURFACE IT'S THE RESPONSIBILITY OF THE CONTRACTOR INSPECTION ONLY. TO ESTABLISH THE LOCATION AND LEVEL OF ALL EXISTING SERVICES PRIOR TO THE COMMENCEMENT OF ANY WORK. ANY DISCREPANCIES SHALL BE REPORTED TO THE SUPERINTENDENT. CLEARANCES SHALL BE OBTAINED FROM THE RELEVANT SERVICE AUTHORITY.
5. WHERE NEW WORKS ABUT EXISTING THE SUB-CONTRACTOR SHALL ENSURE THAT A SMOOTH EVEN PROFILE, FREE FROM ABRUPT CHANGES IS OBTAINED.
6. THE SUB-CONTRACTOR SHALL ARRANGE ALL SURVEY SETOUT TO BE CARRIED OUT BY A REGISTERED SURVEYOR.
7. CARE IS TO BE TAKEN WHEN EXCAVATING NEAR EXISTING SERVICES. NO MECHANICAL EXCAVATIONS ARE TO BE UNDERTAKEN OVER TELECOM OR ELECTRICAL SERVICES. HAND EXCAVATE IN THESE AREAS.
8. ON COMPLETION OF CONSTRUCTION, ALL DISTURBED AREAS MUST BE RESTORED TO ORIGINAL, INCLUDING KERBS, FOOTPATHS, CONCRETE AREAS, GRAVEL AND GRASSED AREAS AND ROAD PAVEMENTS.
9. THE SUB-CONTRACTOR SHALL PROVIDE ALL TEMPORARY DIVERSION DRAINS AND MOUNDS TO ENSURE THAT AT ALL TIMES EXPOSED SURFACES ARE FREE DRAINING AND WHERE NECESSARY EXCAVATE SUMPS AND PROVIDE PUMPING EQUIPMENT TO DRAIN EXPOSED AREAS. ALL WORK TO BE UNDERTAKEN WITH ADHERENCE TO THE REQUIREMENTS OF THE STORMWATER MANAGEMENT PLAN.
10. THESE PLANS SHALL BE READ IN CONJUNCTION WITH APPROVED ARCHITECTURAL, STRUCTURAL, HYDRAULIC AND MECHANICAL DRAWINGS AND SPECIFICATIONS.

SUBGRADE COMPACTION NOTES

1. STRIP TOPSOIL TO EXPOSE NATURALLY OCCURRING MATERIAL.
2. WHERE FILLING IS REQUIRED TO ACHIEVE DESIGN SUBGRADE PROOF ROLL EXPOSED NATURAL SURFACE WITH A MINIMUM OF TEN PASSES OF A VIBRATING ROLLER (MINIMUM STATIC WEIGHT OF 10 TONNES) IN THE PRESENCE OF THE SUPERINTENDENT.
3. ALL SOFT, WET OR UNSUITABLE MATERIAL TO BE REMOVED AS DIRECTED BY THE SUPERINTENDENT AND REPLACED WITH APPROVED MATERIAL SATISFYING THE REQUIREMENTS LISTED BELOW.
4. ALL FILL MATERIAL SHALL BE FROM A SOURCE APPROVED BY THE SUPERINTENDENT AND SHALL COMPLY WITH THE FOLLOWING :
   a) FREE FROM ORGANIC AND PERISHABLE MATTER
   b) MAXIMUM PARTICLE SIZE 75mm
   c) PLASTICITY INDEX BETWEEN 2% AND 15%.
5. ALL FILL MATERIAL SHALL BE PLACED IN MAXIMUM 200mm THICK LAYERS AND COMPACTED AT OPTIMUM MOISTURE CONTENT (+ OR - 2%) TO ACHIEVE A DRY DENSITY DETERMINED IN ACCORDANCE WITH AS 1289 E3.1 OF NOT LESS THAN THE FOLLOWING STANDARD MINIMUM DRY DENSITIES IN ACCORDANCE WITH AS 1289 E1.1:

LOCATION	STANDARD DRY DENSITY
ROADS	100% STD MDD

6. THE CONTRACTOR SHALL PROGRAM THE EARTHWORKS OPERATION SO THAT THE WORKING AREAS ARE ADEQUATELY DRAINED DURING THE PERIOD OF CONSTRUCTION. THE SURFACE SHALL BE GRADED AND SEALED OFF TO REMOVE DEPRESSIONS, ROLLER MARKS AND SIMILAR WHICH WOULD ALLOW WATER TO POND AND PENETRATE THE UNDERLYING MATERIAL. ANY DAMAGE RESULTING FROM THE CONTRACTOR NOT OBSERVING THESE REQUIREMENTS SHALL BE RECTIFIED BY THE CONTRACTOR AT THEIR COST.

ROADWORKS NOTES

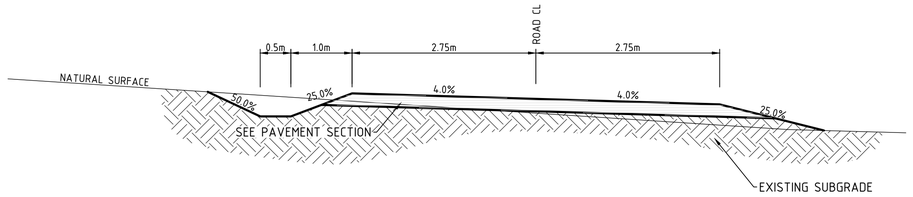
1. ALL BASECOURSE AND SUB-BASECOURSE MATERIALS SHALL CONFORM WITH AUSPEC SPECIFICATION FOR THE CONSTRUCTION OF NATURAL GRAVEL OR CRUSHED ROCK ROAD PAVEMENT AND AUSPSEC SPECIFICATION FOR THE SUPPLY AND DELIVERY OF BASE AND SUB-BASE MATERIALS FOR SURFACED ROAD PAVEMENTS.
2. ALL BASECOURSE AND SUB-BASE MATERIALS SHALL BE COMPACTED TO ACHIEVE A MINIMUM OF 100% STANDARD MAXIMUM DRY DENSITY AT OPTIMUM MOISTURE CONTENT OF +OR- 2% IN ACCORDANCE WITH AS1289 E1.1

INSPECTION HOLD POINTS

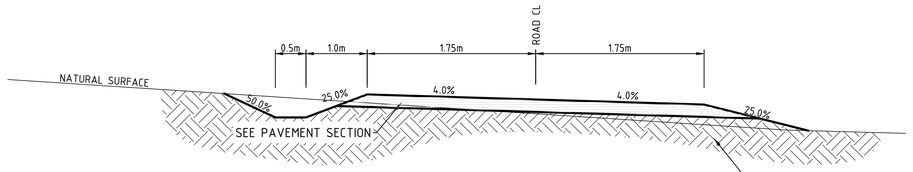
1. INSTALLATION OF SEDIMENT & EROSION CONTROL MEASURES.
2. SUBGRADE CUT AND COMPACTION.
3. ROAD PAVEMENT CONSTRUCTION.
4. PRACTICAL COMPLETION.

SERVICES INSTALLATION

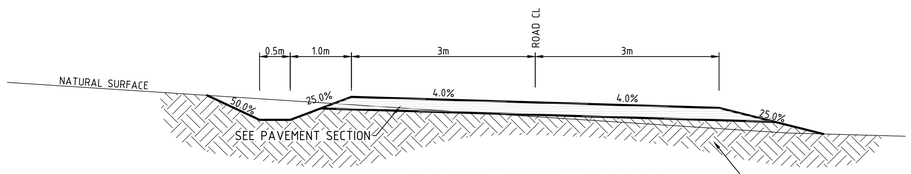
1. INSTALLATION OF ALL UNDERGROUND PIPES PRIOR TO CONSTRUCTION OF ROAD PAVEMENT.



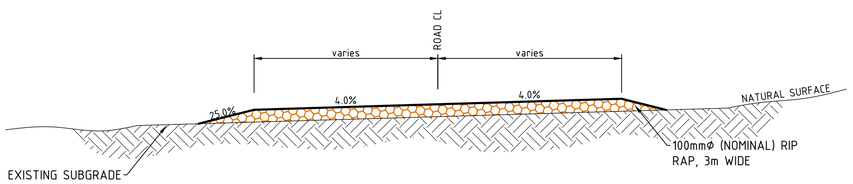
ROAD TYPICAL SECTION - ROAD 1 & 5
SCALE 1:50 (A1), 1:100 (A3)



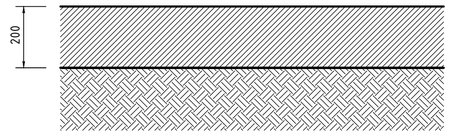
ROAD TYPICAL SECTION - ROAD 2
SCALE 1:50 (A1), 1:100 (A3)



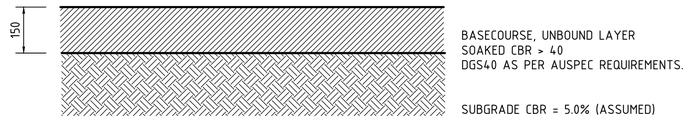
ROAD TYPICAL SECTION - ROAD 3 & 6
SCALE 1:50 (A1), 1:100 (A3)



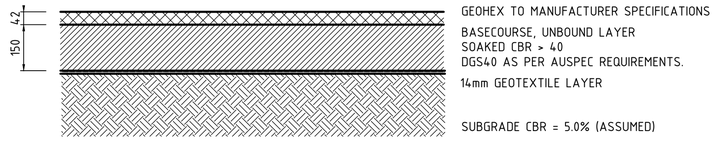
CAUSEWAY TYPICAL SECTION
SCALE 1:50 (A1), 1:100 (A3)



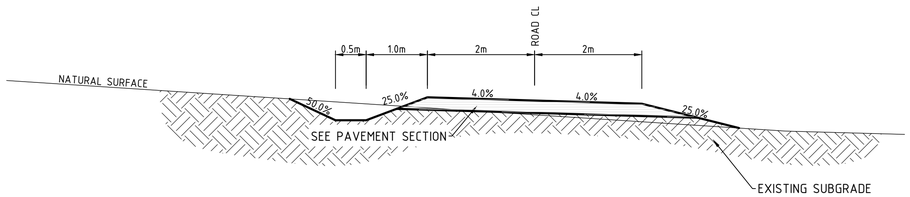
PAVEMENT SECTION: MAIN ROADS
SCALE 1:10 (A1), 1:20 (A3)



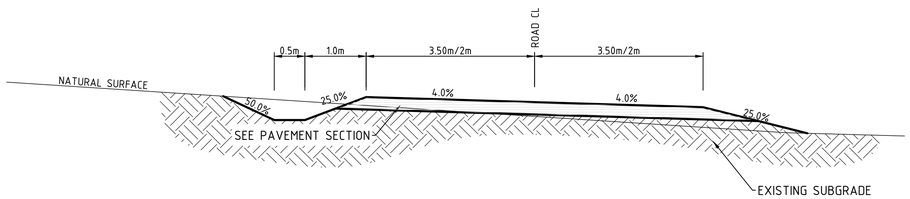
PAVEMENT SECTION: MINOR ROADS
SCALE 1:10 (A1), 1:20 (A3)



PAVEMENT SECTION: GEOHEX REINFORCED TURF
SCALE 1:10 (A1), 1:20 (A3)



ROAD TYPICAL SECTION - ROAD 4
SCALE 1:50 (A1), 1:100 (A3)



ROAD TYPICAL SECTION - ROAD 4
SCALE 1:50 (A1), 1:100 (A3)

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Rev	Date	Description
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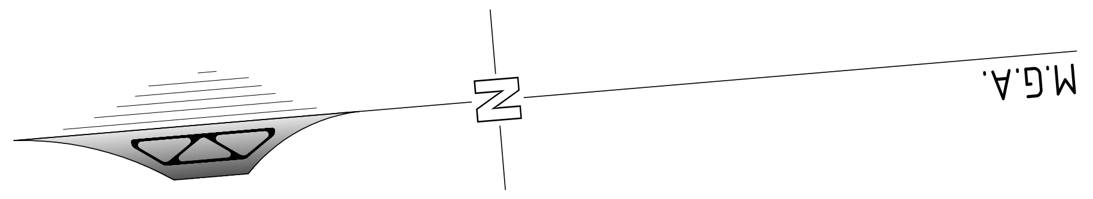
C	13-05-2025	PROPOSED LAYOUT AMENDED
D	23-05-2025	ROAD & SW DETAILS ADDED

Project
CIVIL DESIGN DOCUMENTATION
PROPOSED DEVELOPMENT
Site Address
85 ROCKY WATERHOLE ROAD
MOUNT FROME NSW 2850
Client
WILD MODULAR

Drawing Title
PROPOSED PAVEMENT SPECIFICATIONS

Design LM
Drawn JS
Check LM
Original Sheet Size A1
Revision D
Certification
Project No 47299
Drawing No C21



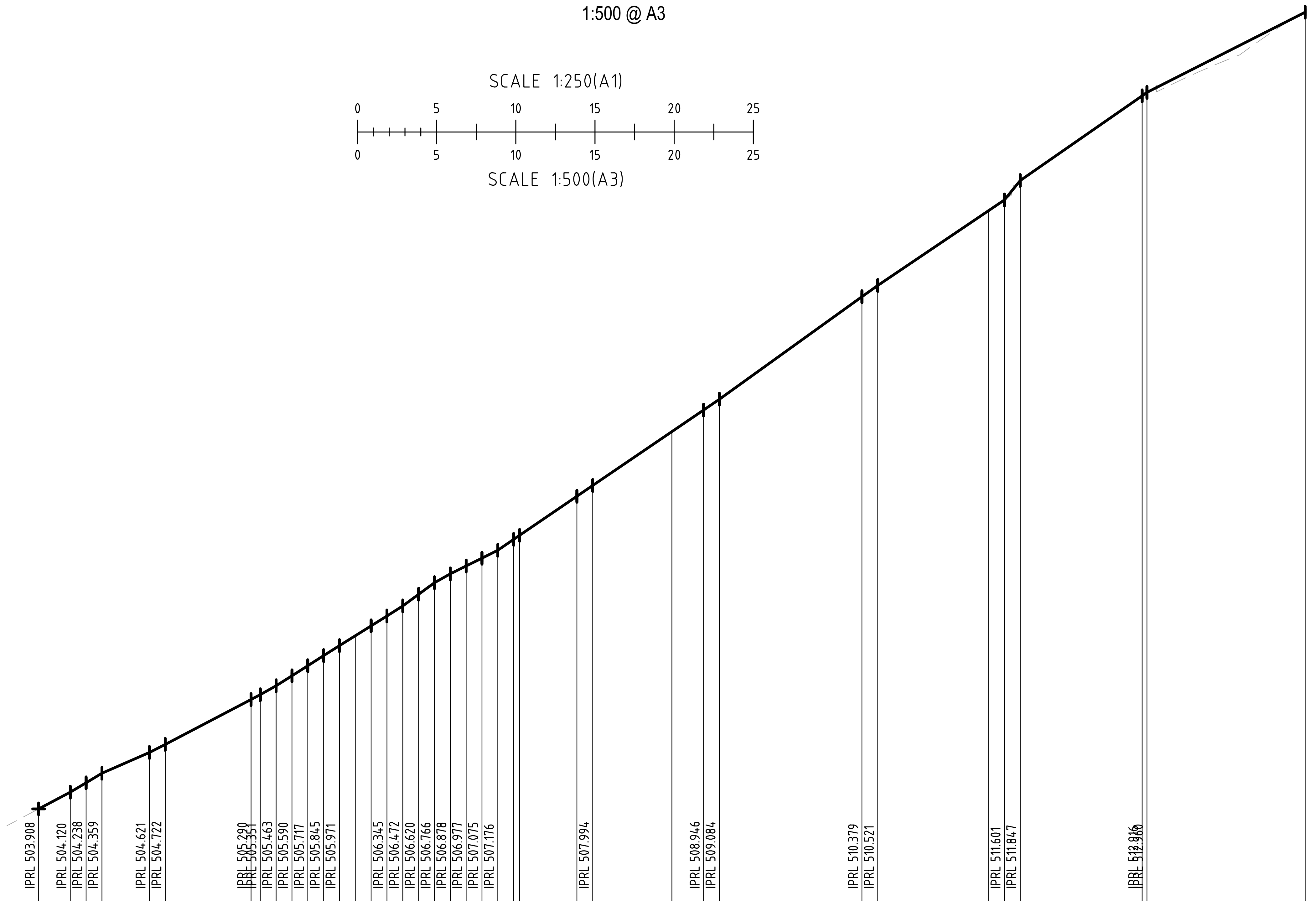
LEGEND (proposed)

▨	PROPOSED PAVEMENT, SEE 47299-C21
— – —	PROPOSED ROAD CENTERLINE
—+— BP 0.0	PROPOSED ROAD DESIGN CHAINAGE
- -▸- -	NEW 300mmØ BLUEMAX PIPE
◁	NEW CONCRETE HEADWALL

PROPOSED ROAD 1 PLAN

REDUCTION RATIO 1:250 @ A1
1:500 @ A3

SCALE 1:250(A1)
0 5 10 15 20 25
0 5 10 15 20 25
SCALE 1:500(A3)



VERTICAL CURVE DETAILS
VERTICAL GRADING 10.584% 8.742% 10.147% 10.475% 13.636% 13.63% 13.6% 13.751% 14.39% 14.162% 13.506% 24.548% 13.897% 14.388%
HORIZONTAL CURVES -37 R -16.681 R
DATUM RL = 501.400

CHAINAGES	NATURAL SURFACE LEVEL	DESIGN SURFACE LEVEL	CUT / FILL
0.000	503.908	503.908	0.000
2.000	504.120	504.12	0.000
3.000	504.238	504.238	0.000
4.000	504.359	504.359	0.000
7.000	504.621	504.621	0.000
8.000	504.722	504.722	0.000
13.418	505.290	505.29	0.000
14.000	505.351	505.351	0.000
15.000	505.463	505.463	0.000
16.000	505.590	505.59	0.000
17.000	505.717	505.717	0.000
18.000	505.845	505.845	0.000
19.000	505.971	505.971	0.000
20.000	506.096	506.096	0.000
21.000	506.221	506.221	0.000
22.000	506.345	506.345	0.000
23.000	506.472	506.472	0.000
24.000	506.620	506.62	0.000
25.000	506.766	506.766	0.000
26.000	506.878	506.878	0.000
27.000	506.977	506.977	0.000
28.000	507.075	507.075	0.000
29.000	507.176	507.176	0.000
30.000	507.313	507.313	0.000
30.378	507.364	507.364	0.000
34.000	507.858	507.858	0.000
35.000	507.994	507.994	0.000
40.000	508.674	508.674	0.000
42.000	508.946	508.946	0.000
43.000	509.084	509.084	0.000
52.000	510.379	510.379	0.000
53.000	510.521	510.521	0.000
60.000	511.466	511.466	0.000
61.000	511.601	511.601	0.000
62.000	511.847	511.847	0.000
69.699	512.916	512.916	0.000
70.000	512.960	512.96	0.000
80.000	513.991	513.973	-0.018

PROPOSED ROAD 1 LONG SECTION - Ch 0.00 - 80.00

REDUCTION RATIO 1:250H 1:100V @ A1

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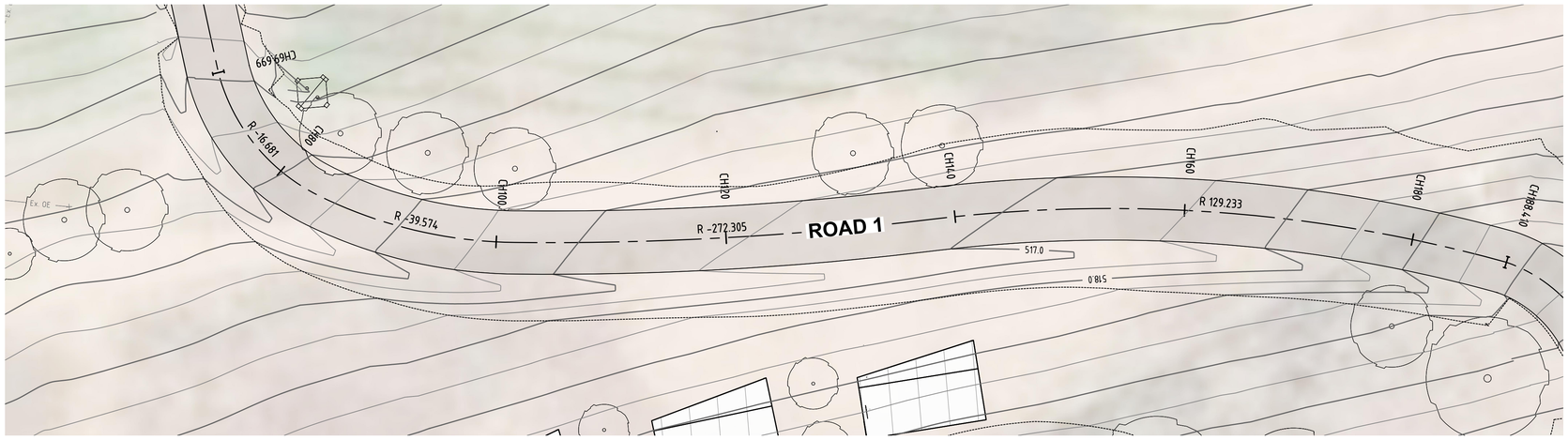
Project
CIVIL DESIGN DOCUMENTATION
PROPOSED DEVELOPMENT
Site Address
85 ROCKY WATERHOLE ROAD
MOUNT FROME NSW 2850
Client
WILD MODULAR

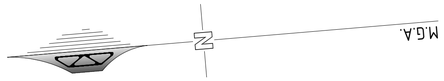
Drawing Title
PROPOSED ROAD 1 PLAN
& LONG SECTION CH 0.00 - 80.00

Design	LM	Original Sheet Size	A1
Drawn	JS		
Check	LM	Revision	D

Certification

Project No 47299
Drawing No C22





LEGEND (proposed)

- PROPOSED PAVEMENT, SEE 47299-C21
- PROPOSED ROAD CENTERLINE
- PROPOSED ROAD DESIGN CHAINAGE (BP 0.0)
- NEW 300mmØ BLUEMAX PIPE
- NEW CONCRETE HEADWALL

PROPOSED ROAD 1 PLAN

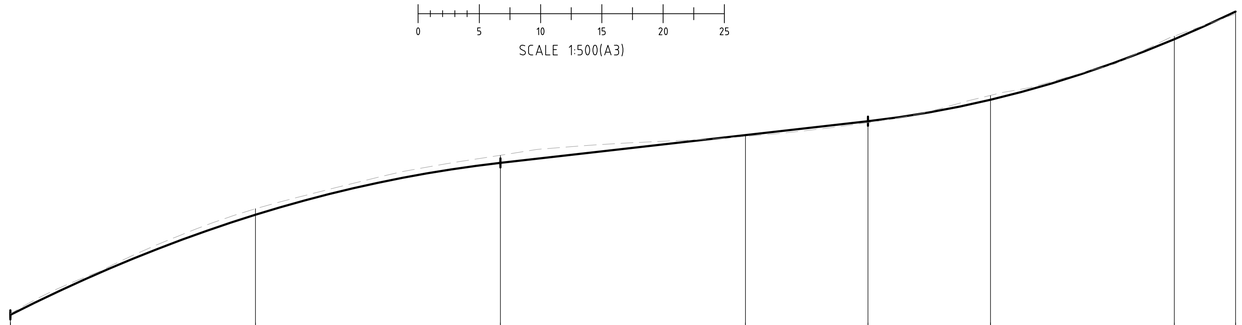
REDUCTION RATIO 1:250 @ A1
1:500 @ A3

SCALE 1:250(A1)

0 5 10 15 20 25

0 5 10 15 20 25

SCALE 1:500(A3)



VERTICAL CURVE DETAILS			VC 40					VC 50		
VERTICAL GRADING		10.134%			2.267%				14.6%	
HORIZONTAL CURVES		-16.681 R	-39.574 R		-272.305 R		129.233 R			
DATUM RL = 510.400										
CUT / FILL	-0.018	-0.098	-0.124	0.022	0.025	-0.071	-0.049	0.037		
DESIGN SURFACE LEVEL	513.973	515.607	516.453	516.907	517.133	517.483	518.471	518.923		
NATURAL SURFACE LEVEL	513.991	515.705	516.578	516.884	517.109	517.555	518.520	518.886		
CHAINAGES	80.000	100.000	120.000	140.000	150.000	160.000	175.000	180.000		

PROPOSED ROAD 1 LONG SECTION - Ch 80.00 - 180.00

REDUCTION RATIO 1:250H 1:100V @ A1

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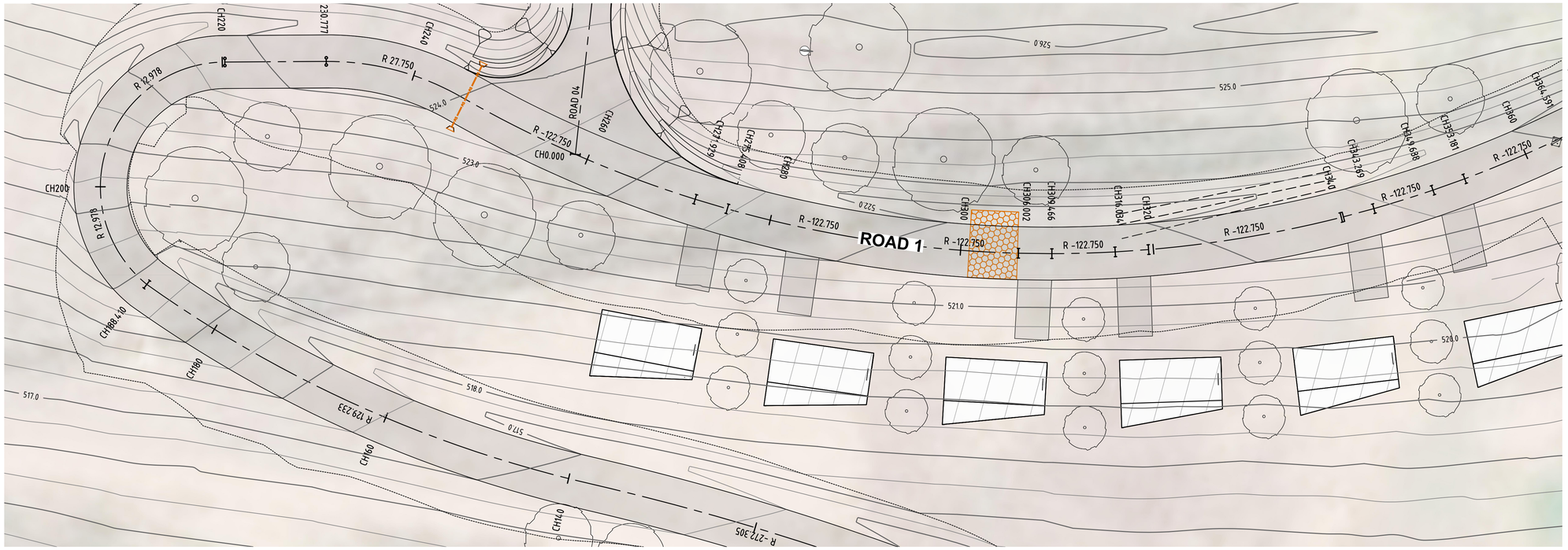
Project
CIVIL DESIGN DOCUMENTATION
PROPOSED DEVELOPMENT
Site Address
85 ROCKY WATERHOLE ROAD
MOUNT FROME NSW 2850
Client
WILD MODULAR

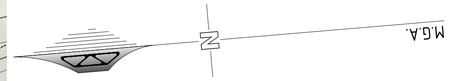
Drawing Title
PROPOSED ROAD 1 PLAN
& LONG SECTION CH80.00-180.00

Design LM
Drawn JS
Check LM
Original Sheet Size A1
Revision D

Certification

Project No 47299
Drawing No C23





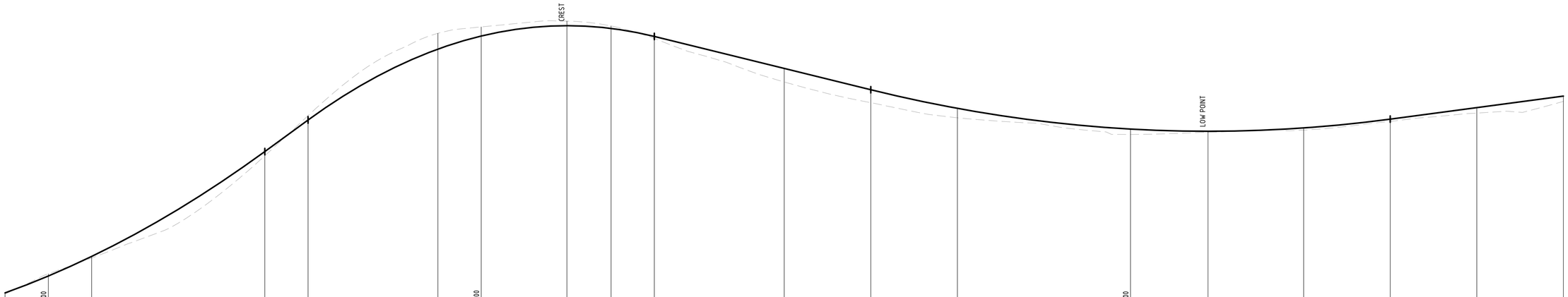
LEGEND (proposed)

- PROPOSED PAVEMENT, SEE 47299-C21
- PROPOSED ROAD CENTERLINE
- PROPOSED ROAD DESIGN CHAINAGE (BP 0.0)
- NEW 300mmØ BLUEMAX PIPE
- NEW CONCRETE HEADWALL

PROPOSED ROAD 1 PLAN

REDUCTION RATIO 1:250 @ A1
1:500 @ A3

SCALE 1:250(A1)
0 5 10 15 20 25
0 5 10 15 20 25
SCALE 1:500(A3)



DATUM RL = 515.800

CUT / FILL	0.019	-0.049	0.037	0.098	-0.101	-0.366	-0.211	-0.106	-0.059	0.049	0.314	0.300	0.219	0.124	0.020	0.050	0.052	0.127	0.122
DESIGN SURFACE LEVEL	518.08	518.471	518.923	521.35	522.08	523.721	524.023	524.263	524.199	524.013	523.273	522.78	522.35	521.87	521.819	521.897	522.1	522.367	522.633
NATURAL SURFACE LEVEL	518.061	518.520	518.886	521.252	522.181	524.086	524.234	524.369	524.258	523.964	522.959	522.480	522.131	521.746	521.799	521.847	522.048	522.239	522.511
CHAINAGES	170.000	175.000	180.000	200.000	205.000	220.000	225.000	234.898	240.000	245.000	260.000	270.000	280.000	300.000	308.947	320.000	330.000	340.000	350.000

PROPOSED ROAD 1 LONG SECTION - Ch 170.00 - 350.00

REDUCTION RATIO 1:250H 1:100V @ A1

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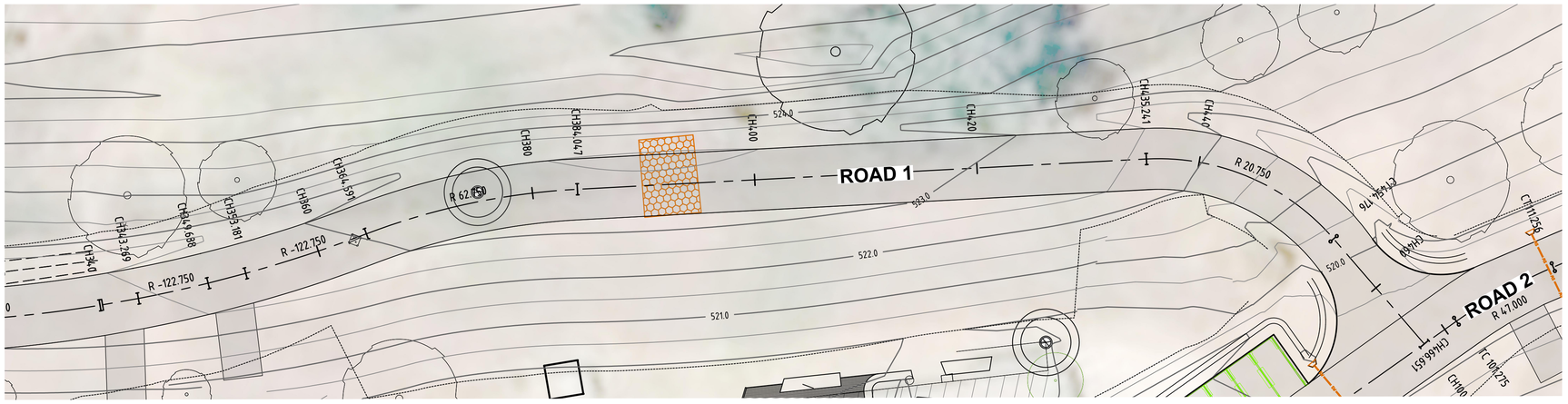
Project
CIVIL DESIGN DOCUMENTATION
PROPOSED DEVELOPMENT
Site Address
85 ROCKY WATERHOLE ROAD
MOUNT FROME NSW 2850
Client
WILD MODULAR

Drawing Title
PROPOSED ROAD 1 PLAN
& LONG SECTION CH170.00-350.00

Design LM
Drawn JS
Check LM
Original Sheet Size A1
Revision D

Certification

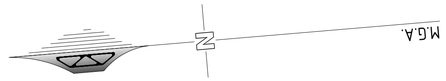
Project No 47299
Drawing No C24



PROPOSED ROAD 1 PLAN

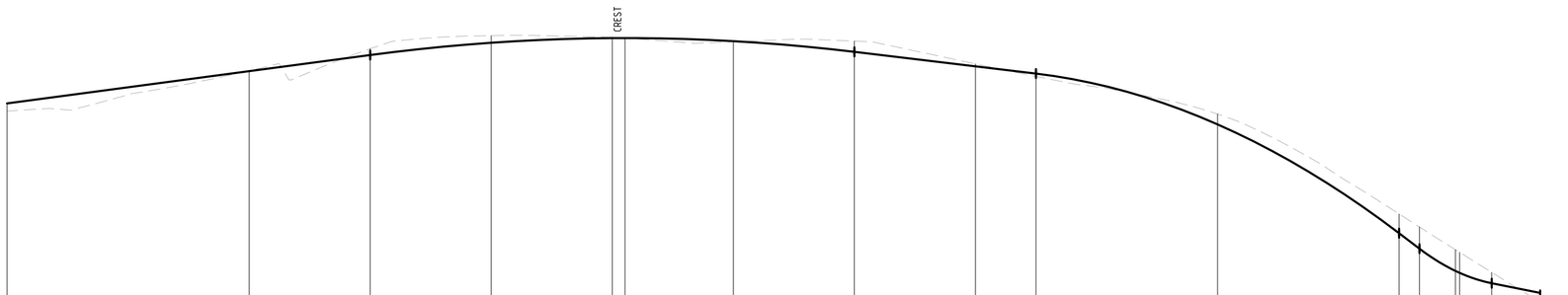
REDUCTION RATIO 1:250 @ A1
1:500 @ A3

SCALE 1:250(A1)
0 5 10 15 20 25
0 5 10 15 20 25
SCALE 1:500(A3)



LEGEND (proposed)

- PROPOSED PAVEMENT, SEE 47299-C21
- PROPOSED ROAD CENTERLINE
- PROPOSED ROAD DESIGN CHAINAGE (0.0 BP)
- NEW 300mmΦ BLUEMAX PIPE
- NEW CONCRETE HEADWALL



VERTICAL CURVE DETAILS
VERTICAL GRADING
HORIZONTAL CURVES
DATUM RL = 516.500

CUT / FILL	0.127	-0.006	-0.106	-0.118	-0.013	0.001	0.011	-0.178	-0.041	0.047	-0.171	-0.319	-0.359	-0.351	-0.340	-0.180	0.151
DESIGN SURFACE LEVEL	522.367	522.9	523.167	523.37	523.447	523.447	523.397	523.22	522.98	522.86	522.02	520.219	519.963	519.566	519.525	519.392	519.232
NATURAL SURFACE LEVEL	522.239	522.906	523.273	523.488	523.460	523.446	523.386	523.398	523.021	522.813	522.191	520.538	520.322	519.912	519.892	519.572	519.081
CHAINAGES	340.000	360.000	370.000	380.000	390.000	391.053	400.000	410.000	420.000	425.000	440.000	455.000	456.682	459.651	460.000	462.652	466.651

PROPOSED ROAD 1 LONG SECTION - Ch 340.00 - 466.651

REDUCTION RATIO 1:250H 1:100V @ A1

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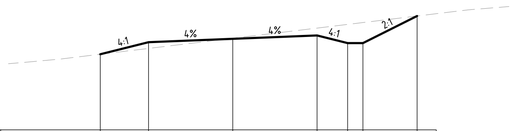
Project
CIVIL DESIGN DOCUMENTATION
PROPOSED DEVELOPMENT
Site Address
85 ROCKY WATERHOLE ROAD
MOUNT FROME NSW 2850
Client
WILD MODULAR

Drawing Title
PROPOSED ROAD 1 PLAN
& LONG SECTION CH340.00 - 466.651

Design LM
Drawn JS
Check LM
Original Sheet Size A1
Revision D

Certification

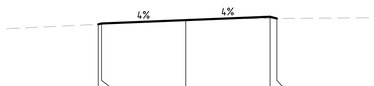
Project No 47299
Drawing No C25



DATUM R.L.511.00

DESIGN SURFACE LEVEL	513.469	513.863	513.973	514.083	513.833	513.833	514.717
EXISTING SURFACE LEVEL	513.469	513.659	513.991	514.323	514.443	514.504	514.717
OFFSET	4.326	2.750	0.000	2.750	3.750	4.250	6.018

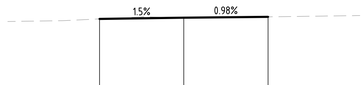
80.000



DATUM R.L.509.00

DESIGN SURFACE LEVEL	511.329	511.356	511.466	511.576	511.520
EXISTING SURFACE LEVEL	511.329	511.334	511.466	511.518	511.520
OFFSET	2.857	2.750	0.000	2.750	2.974

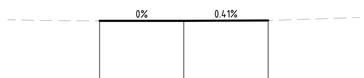
60.000



DATUM R.L.506.00

DESIGN SURFACE LEVEL	508.633	508.674	508.701
EXISTING SURFACE LEVEL	508.633	508.674	508.701
OFFSET	2.750	0.000	2.750

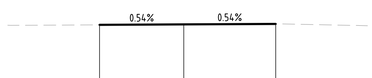
40.000



DATUM R.L.504.00

DESIGN SURFACE LEVEL	506.096	506.096	506.107
EXISTING SURFACE LEVEL	506.096	506.096	506.107
OFFSET	2.748	0.000	2.754

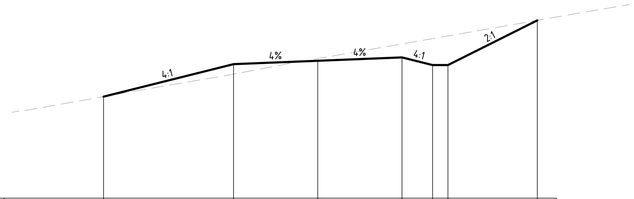
20.000



DATUM R.L.501.00

DESIGN SURFACE LEVEL	503.893	503.908	503.924
EXISTING SURFACE LEVEL	503.893	503.908	503.924
OFFSET	2.750	0.000	3.000

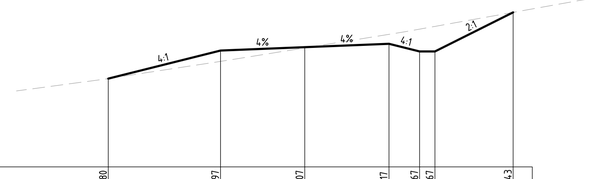
0.000



DATUM R.L.513.00

DESIGN SURFACE LEVEL	516.313	517.373	517.483	517.593	517.343	517.343	518.802
EXISTING SURFACE LEVEL	516.313	517.048	517.555	518.033	518.207	518.294	518.802
OFFSET	6.992	2.750	0.000	2.750	3.750	4.250	7.167

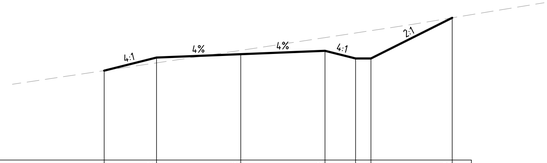
160.000



DATUM R.L.513.00

DESIGN SURFACE LEVEL	515.880	516.797	516.907	517.017	516.767	516.767	518.043
EXISTING SURFACE LEVEL	515.880	516.443	516.884	517.326	517.496	517.585	518.043
OFFSET	6.415	2.750	0.000	2.750	3.750	4.250	6.803

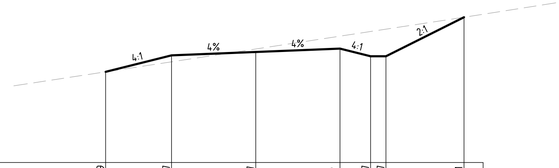
140.000



DATUM R.L.513.00

DESIGN SURFACE LEVEL	515.916	516.343	516.453	516.563	516.313	516.313	517.640
EXISTING SURFACE LEVEL	515.916	516.169	516.578	516.994	517.146	517.221	517.640
OFFSET	4.659	2.750	0.000	2.750	3.750	4.250	6.904

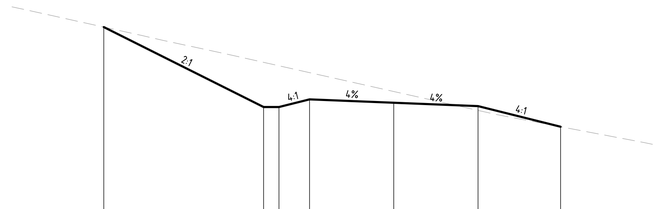
120.000



DATUM R.L.512.00

DESIGN SURFACE LEVEL	514.959	515.497	515.607	515.717	515.467	515.467	516.741
EXISTING SURFACE LEVEL	514.959	515.286	515.705	516.124	516.276	516.352	516.741
OFFSET	4.901	2.750	0.000	2.750	3.750	4.250	6.799

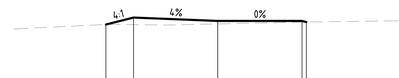
100.000



DATUM R.L.520.00

DESIGN SURFACE LEVEL	526.190	523.581	523.581	523.831	523.721	523.611	522.937
EXISTING SURFACE LEVEL	526.190	525.039	524.927	524.703	524.086	523.470	522.937
OFFSET	9.469	4.250	3.750	2.750	0.000	2.750	5.446

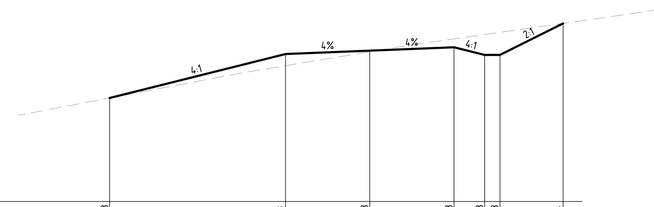
220.000



DATUM R.L.519.00

DESIGN SURFACE LEVEL	521.235	521.460	521.350	521.350	521.315
EXISTING SURFACE LEVEL	521.235	521.228	521.252	521.312	521.315
OFFSET	3.651	2.750	0.000	2.750	2.891

200.000



DATUM R.L.514.00

DESIGN SURFACE LEVEL	517.378	518.813	518.923	519.033	518.783	518.783	519.814
EXISTING SURFACE LEVEL	517.378	518.433	518.886	519.307	519.451	519.522	519.814
OFFSET	8.493	2.750	0.000	2.750	3.750	4.250	6.311

180.000

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Rev	Date	Description
A	20-03-2025	PRELIMINARY DRAWING
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C	13-05-2025	PROPOSED LAYOUT AMENDED
D	23-05-2025	ROAD & SW DETAILS ADDED

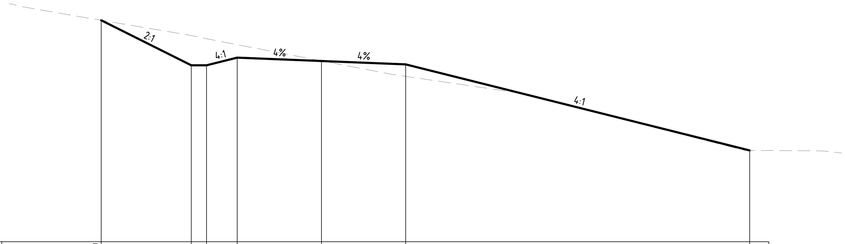
Project
CIVIL DESIGN DOCUMENTATION
PROPOSED DEVELOPMENT
Site Address
85 ROCKY WATERHOLE ROAD
MOUNT FROME NSW 2850
Client
WILD MODULAR

Drawing Title
PROPOSED ROAD 1 CROSS SECTIONS
CH 0.00 - 220.00

Design LM
Drawn JS
Check LM
Original Sheet Size A1
Revision D

Certification

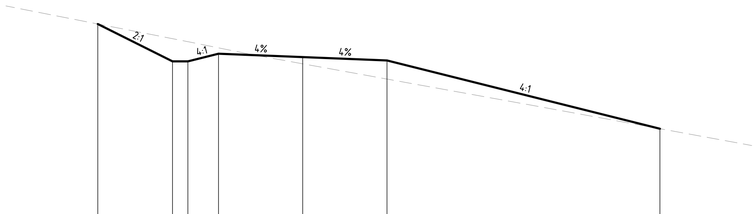
Project No 47299
Drawing No C26



DATUM R.L.517.00

DESIGN SURFACE LEVEL	524.229	524.229	522.760	522.760	523.010	522.900	522.790	519.982
EXISTING SURFACE LEVEL	524.229	524.229	523.730	523.629	523.433	522.906	522.398	519.982
OFFSET	7.189		4.250	3.750	2.750	0.000	2.750	13.983

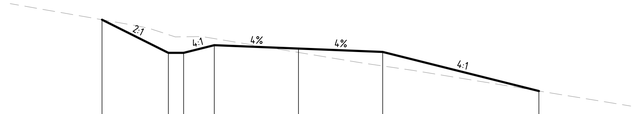
360.000



DATUM R.L.517.00

DESIGN SURFACE LEVEL	523.431	523.431	522.210	522.210	522.460	522.350	522.240	520.012
EXISTING SURFACE LEVEL	523.431	523.431	522.951	522.853	522.651	522.131	521.633	520.012
OFFSET	6.692		4.250	3.750	2.750	0.000	2.750	11.662

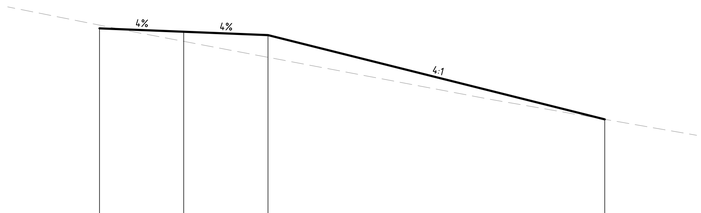
280.000



DATUM R.L.518.00

DESIGN SURFACE LEVEL	523.309	523.309	522.227	522.227	522.477	522.367	522.257	520.981
EXISTING SURFACE LEVEL	523.309	523.309	522.822	522.751	522.692	522.239	521.799	520.981
OFFSET	6.612		4.247	3.747	2.747	0.000	2.750	7.851

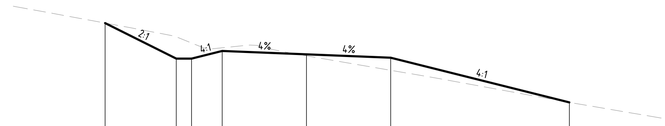
340.000



DATUM R.L.517.00

DESIGN SURFACE LEVEL	523.383	523.383	523.273	523.163	520.414			
EXISTING SURFACE LEVEL	523.489	523.489	522.959	522.439	520.414			
OFFSET	2.750		0.000	2.750	13.746			

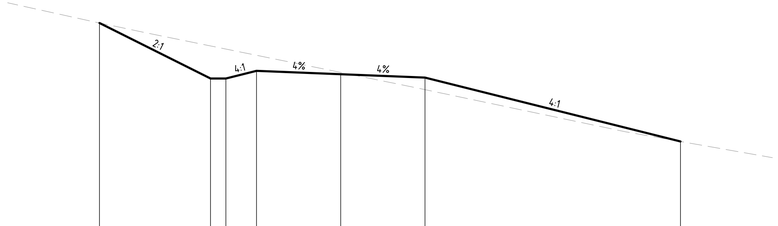
260.000



DATUM R.L.517.00

DESIGN SURFACE LEVEL	522.918	522.918	521.757	521.757	522.007	521.897	521.787	520.328
EXISTING SURFACE LEVEL	522.918	522.918	522.469	522.267	522.110	521.847	521.376	520.328
OFFSET	6.573		4.250	3.750	2.750	0.000	2.750	8.584

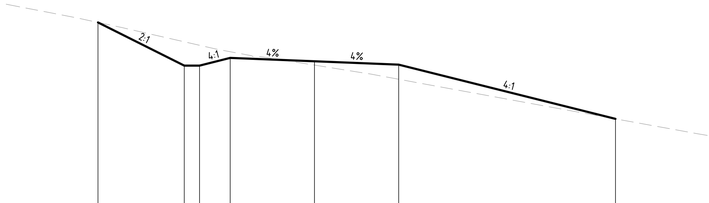
320.000



DATUM R.L.519.00

DESIGN SURFACE LEVEL	525.872	525.872	524.059	524.059	524.309	524.199	524.089	522.003
EXISTING SURFACE LEVEL	525.872	525.872	525.122	525.020	524.817	524.258	523.696	522.003
OFFSET	7.876		4.250	3.750	2.750	0.000	2.750	11.094

240.000



DATUM R.L.517.00

DESIGN SURFACE LEVEL	523.138	523.138	521.730	521.730	521.980	521.870	521.760	519.990
EXISTING SURFACE LEVEL	523.138	523.138	522.508	522.394	522.183	521.746	521.284	519.990
OFFSET	7.066		4.250	3.750	2.750	0.000	2.750	9.829

300.000

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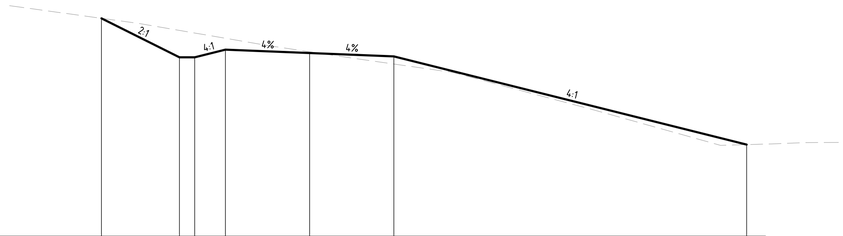
Project
CIVIL DESIGN DOCUMENTATION
PROPOSED DEVELOPMENT
Site Address
85 ROCKY WATERHOLE ROAD
MOUNT FROME NSW 2850
Client
WILD MODULAR

Drawing Title
PROPOSED ROAD 1 CROSS SECTIONS
CH240.00 - 360.00

Design LM
Drawn JS
Check LM
Original Sheet Size A1
Revision D

Certification

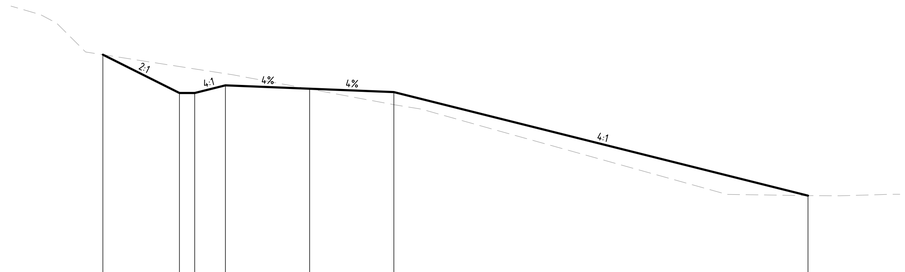
Project No 47299
Drawing No C27



DATUM R.L.517.00

DESIGN SURFACE LEVEL	524.113	522.840	522.840	523.090	522.980	522.870	519.990
EXISTING SURFACE LEVEL	524.113	523.718	523.633	523.461	523.021	527.621	519.990
OFFSET	6.796	4.250	3.750	2.750	0.000	2.750	14.268

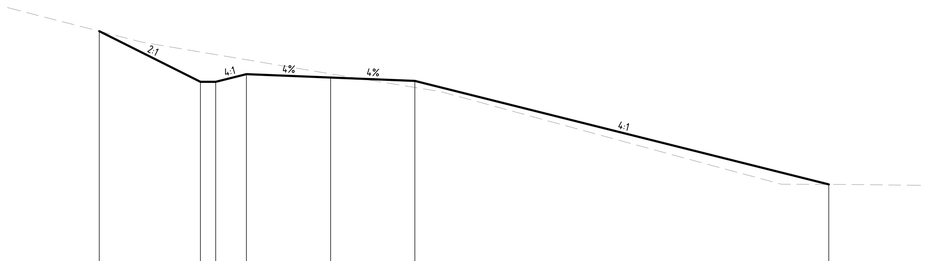
420.000



DATUM R.L.517.00

DESIGN SURFACE LEVEL	524.507	523.257	523.257	523.507	523.397	523.287	519.906
EXISTING SURFACE LEVEL	524.507	524.720	524.042	523.888	523.386	522.876	519.906
OFFSET	6.751	4.250	3.750	2.750	0.000	2.750	16.272

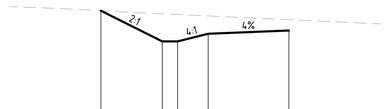
400.000



DATUM R.L.517.00

DESIGN SURFACE LEVEL	524.882	523.230	523.230	523.480	523.370	523.260	519.882
EXISTING SURFACE LEVEL	524.882	524.203	524.119	523.951	523.488	523.046	519.882
OFFSET	7.555	4.250	3.750	2.750	0.000	2.750	16.264

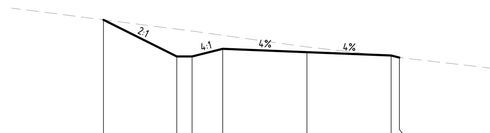
380.000



DATUM R.L.517.00

DESIGN SURFACE LEVEL	520.640	519.638	519.638	519.888	519.994
EXISTING SURFACE LEVEL	520.640	520.540	520.516	520.469	520.348
OFFSET	6.139	4.135	3.635	2.635	0.000

456.484



DATUM R.L.519.00

DESIGN SURFACE LEVEL	523.076	521.880	521.880	522.130	522.020	521.910	521.843
EXISTING SURFACE LEVEL	523.076	522.771	522.708	522.569	522.191	521.874	521.843
OFFSET	6.642	4.249	3.749	2.749	0.000	2.750	3.017

440.000

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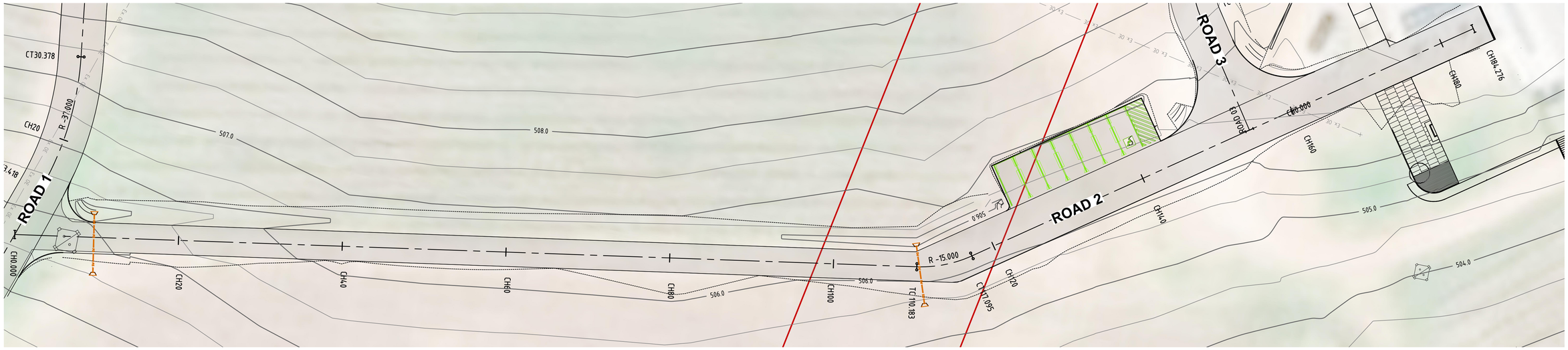
Project
CIVIL DESIGN DOCUMENTATION
PROPOSED DEVELOPMENT
Site Address
85 ROCKY WATERHOLE ROAD
MOUNT FROME NSW 2850
Client
WILD MODULAR

Drawing Title
PROPOSED ROAD 1 CROSS SECTIONS
CH380.00 - 456.484

Design LM
Drawn JS
Check LM
Original Sheet Size A1
Revision D
Certification
Project No 47299
Drawing No C28



PROPOSED ROAD 2 PLAN

REDUCTION RATIO 1:250 @ A1
1:500 @ A3

SCALE 1:250(A1)

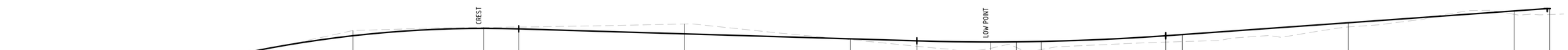
0 5 10 15 20 25

0 5 10 15 20 25

SCALE 1:500(A3)

LEGEND (proposed)

- PROPOSED PAVEMENT, SEE 47299-C21
- PROPOSED ROAD CENTERLINE
- PROPOSED ROAD DESIGN CHAINAGE (BP 0.0)
- NEW 300mmØ BLUEMAX PIPE
- NEW CONCRETE HEADWALL



VERTICAL CURVE DETAILS: VC 7.993; VC 40; VC 30

VERTICAL GRADING: 3.053%; 5.114%; -0.602%; 1.426%

HORIZONTAL CURVES: -15 R

DATUM RL = 502.300

CUT / FILL		-0.000	0.026	0.073	0.099	-0.126	-0.022	-0.043	-0.238	0.021	0.131	0.154	0.136	0.195	0.154	0.170	0.102	0.081	
DESIGN SURFACE LEVEL	504.619	504.741	504.884	505.068	505.477	506.214	506.392	506.38	506.259	506.139	506.09	506.064	506.067	506.076	506.214	506.242	506.528	506.813	
NATURAL SURFACE LEVEL		504.741	504.858	504.995	505.378	506.340	506.414	506.422	506.491	506.117	505.959	505.910	505.931	505.881	506.060	506.072	506.426	506.732	506.726
CHAINAGES	-0.000	4.002	8.000	11.995	20.000	40.000	55.785	60.000	80.000	100.000	108.000	116.908	120.000	123.000	138.000	140.000	160.000	180.000	184.276

PROPOSED ROAD 2 LONG SECTION - Ch 0.00 - 180.00

REDUCTION RATIO 1:250H 1:100V @ A1

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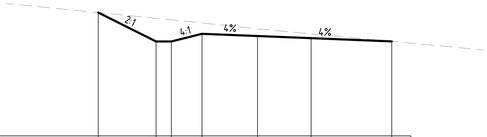
Project
CIVIL DESIGN DOCUMENTATION
PROPOSED DEVELOPMENT
Site Address
85 ROCKY WATERHOLE ROAD
MOUNT FROME NSW 2850
Client
WILD MODULAR

Drawing Title
PROPOSED ROAD 2 PLAN & LONG SECTION Ch: 0.00m - Ch: 184.276m

Design LM
Drawn JS
Check LM
Original Sheet Size A1
Revision D

Certification

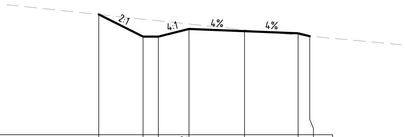
Project No 47299
Drawing No C29



DATUM R.L.503.00

DESIGN SURFACE LEVEL	507.025	506.082	506.082	506.332	506.259	506.189	506.084
EXISTING SURFACE LEVEL	507.025	506.840	506.790	506.686	506.497	506.329	506.084
OFFSET	5.201	3.314	2.814	1.814	0.000	1.750	4.383

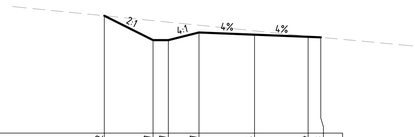
80.000



DATUM R.L.503.00

DESIGN SURFACE LEVEL	506.925	506.202	506.202	506.652	506.380	506.310	506.215
EXISTING SURFACE LEVEL	506.925	506.772	506.770	506.614	506.422	506.250	506.215
OFFSET	4.760	3.314	2.814	1.814	0.000	1.750	2.128

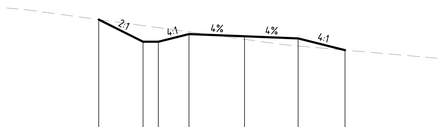
60.000



DATUM R.L.503.00

DESIGN SURFACE LEVEL	506.832	506.037	506.037	506.287	506.214	506.144	506.128
EXISTING SURFACE LEVEL	506.832	506.673	506.623	506.523	506.340	506.166	506.128
OFFSET	4.905	3.314	2.814	1.814	0.000	1.750	2.162

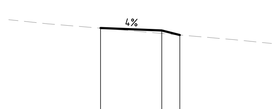
40.000



DATUM R.L.502.00

DESIGN SURFACE LEVEL	506.023	505.300	505.300	505.550	505.477	505.407	505.024
EXISTING SURFACE LEVEL	506.023	505.827	505.759	505.624	505.378	505.161	505.024
OFFSET	4.761	3.314	2.814	1.814	0.000	1.750	3.281

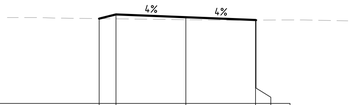
20.000



DATUM R.L.502.00

DESIGN SURFACE LEVEL	504.806	504.726	504.579
EXISTING SURFACE LEVEL	504.801	504.629	504.579
OFFSET	0.000	2.000	2.588

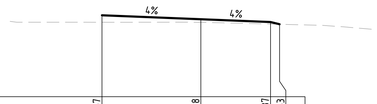
5.944



DATUM R.L.504.00

DESIGN SURFACE LEVEL	506.767	506.904	506.813	506.722	506.718
EXISTING SURFACE LEVEL	506.767	506.760	506.732	506.718	506.718
OFFSET	2.830	2.281	0.000	2.275	2.292

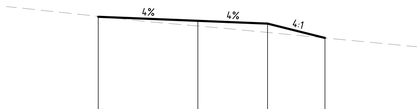
180.000



DATUM R.L.504.00

DESIGN SURFACE LEVEL	506.657	506.528	506.437	506.363
EXISTING SURFACE LEVEL	506.629	506.426	506.371	506.363
OFFSET	3.229	0.000	2.275	2.570

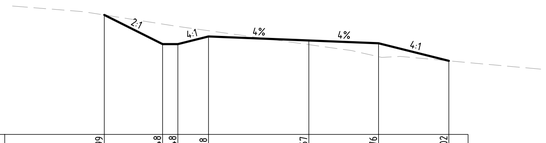
160.000



DATUM R.L.503.00

DESIGN SURFACE LEVEL	506.373	506.242	506.151	505.683
EXISTING SURFACE LEVEL	506.388	506.072	505.862	505.683
OFFSET	3.252	0.000	2.275	4.150

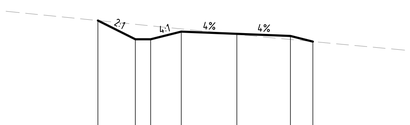
140.000



DATUM R.L.503.00

DESIGN SURFACE LEVEL	506.899	505.948	505.948	506.198	506.067	505.976	505.402
EXISTING SURFACE LEVEL	506.899	506.601	506.524	506.386	505.931	505.537	505.402
OFFSET	6.679	4.775	4.275	3.275	0.000	2.275	4.572

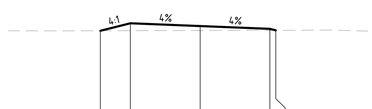
120.000



DATUM R.L.503.00

DESIGN SURFACE LEVEL	506.573	505.961	505.961	506.211	506.139	506.069	505.886	
EXISTING SURFACE LEVEL	506.573	506.450	506.400	506.299	506.117	505.954	505.886	
OFFSET	4.538	3.314	2.814	1.814	0.000	1.750	2.482	

100.000



DATUM R.L.504.00

DESIGN SURFACE LEVEL	506.716	506.961	506.870	506.779	506.731
EXISTING SURFACE LEVEL	506.716	506.719	506.725	506.730	506.731
OFFSET	3.260	2.280	0.000	2.275	2.468

183.993

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Rev	Date	Description
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D	23-05-2025	ROAD & SW DETAILS ADDED

Project
CIVIL DESIGN DOCUMENTATION
PROPOSED DEVELOPMENT
Site Address
85 ROCKY WATERHOLE ROAD
MOUNT FROME NSW 2850
Client
WILD MODULAR

Drawing Title
PROPOSED ROAD 2 CROSS SECTIONS

Design LM
Drawn JS
Check LM
Original Sheet Size A1
Revision D

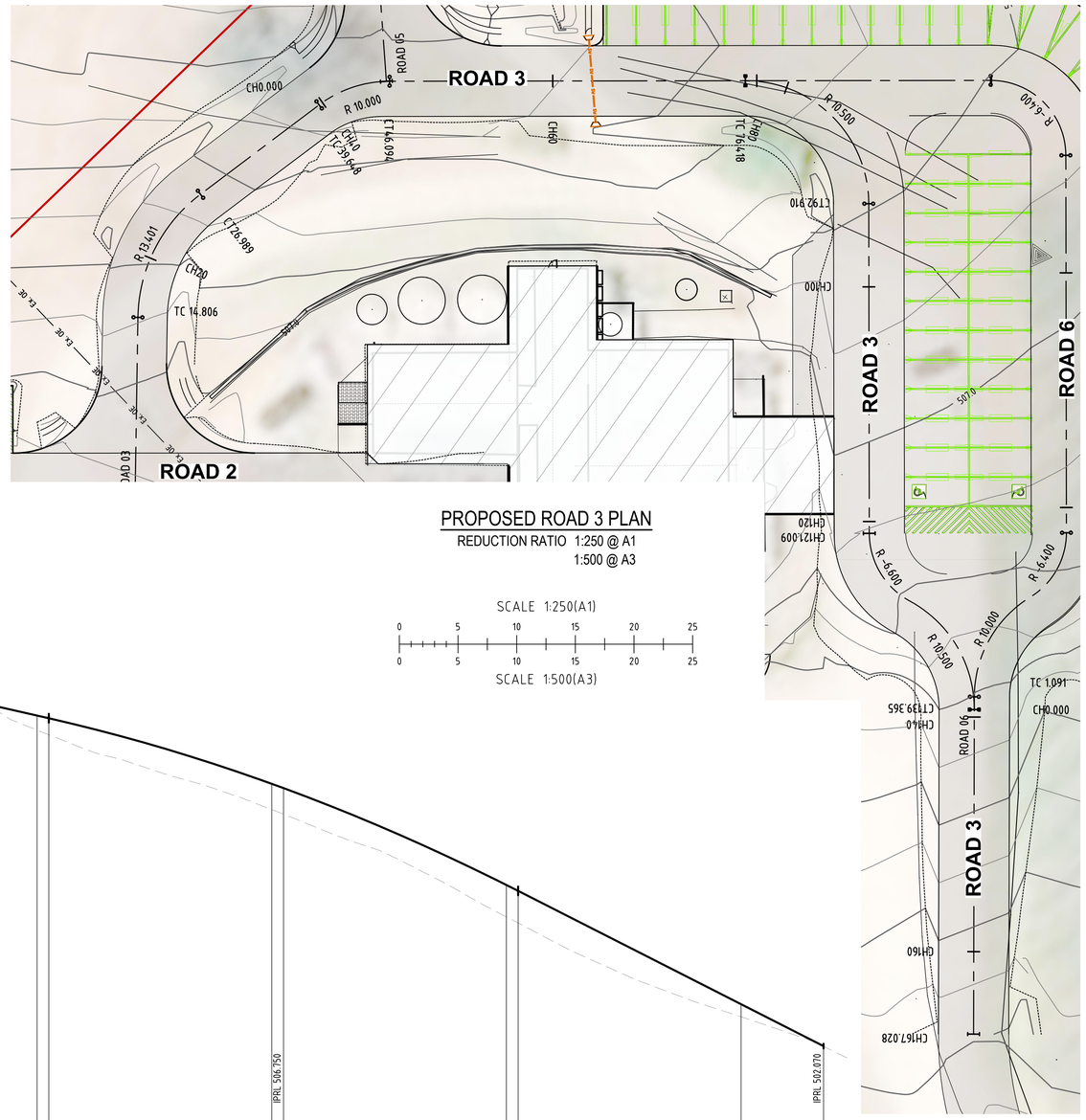
Certification

Project No 47299
Drawing No C30

LEGEND (proposed)

- PROPOSED PAVEMENT, SEE 47299-C21
- PROPOSED ROAD CENTERLINE
- PROPOSED ROAD DESIGN CHAINAGE (BP 0.0)
- NEW 300mmØ BLUEMAX PIPE
- NEW CONCRETE HEADWALL

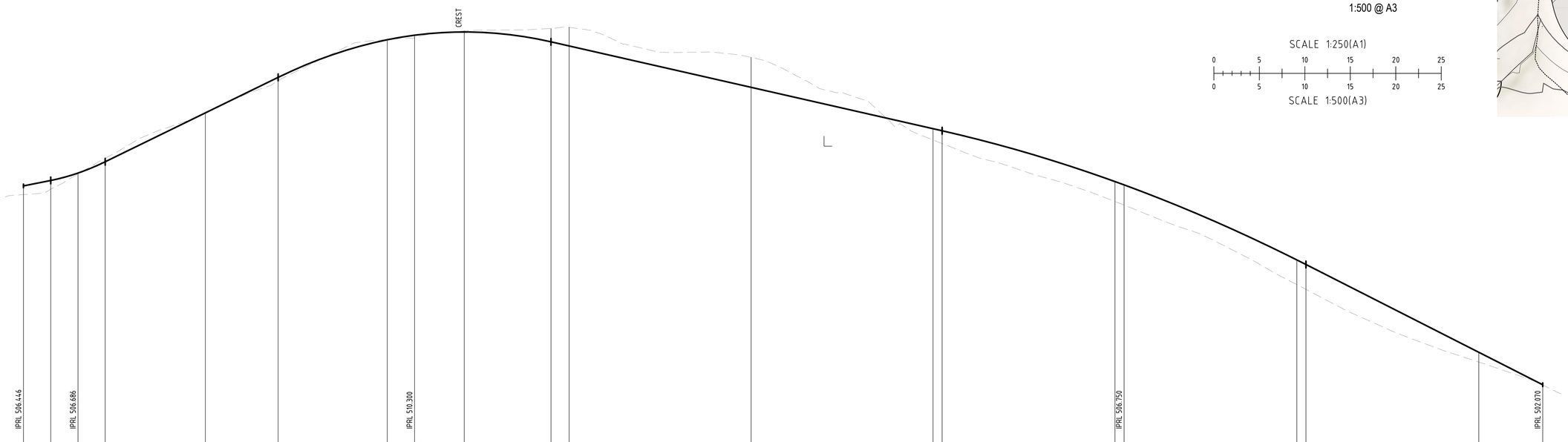
M.G.A.



PROPOSED ROAD 3 PLAN

REDUCTION RATIO 1:250 @ A1
1:500 @ A3

SCALE 1:250(A1)
0 5 10 15 20 25
0 5 10 15 20 25
SCALE 1:500(A3)



CUT / FILL		0.193	0.019	-0.076		0.012	0.066		-0.006	0.055	-0.023		-0.295	-0.410		-0.660		0.247	0.281		0.439	0.442		0.543	0.547		0.274	0.003
DESIGN SURFACE LEVEL	506.446	506.566	506.729	506.978		508.054	508.835		509.663	509.763	509.834		509.617	509.526		508.616		507.706	507.66		506.542	506.469		504.817	504.716		502.785	502.07
NATURAL SURFACE LEVEL		506.373	506.710	507.054		508.042	508.769		509.669	509.708	509.857		509.912	509.937		509.276		507.458	507.319		506.103	506.025		504.274	504.170		502.570	502.067
CHAINAGES	0.000	3.002	6.000	8.987		20.000	28.000		40.000	43.000	48.464		58.000	60.000		80.000		100.000	101.000		120.000	121.000		140.000	141.000		160.000	167.028

PROPOSED ROAD 3 LONG SECTION - Ch 0.00 - 167.028

REDUCTION RATIO 1:250H 1:100V @ A1

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Project
CIVIL DESIGN DOCUMENTATION
PROPOSED DEVELOPMENT
Site Address
85 ROCKY WATERHOLE ROAD
MOUNT FROME NSW 2850
Client
WILD MODULAR

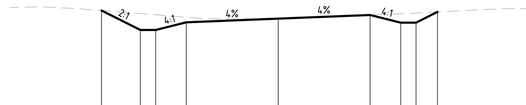
Drawing Title
PROPOSED ROAD 3 PLAN & LONG SECTION CH 0.00 - 167.028

Design LM
Drawn JS
Check LM
Original Sheet Size A1
Revision D
Certification
Project No 47299
Drawing No C31

DATUM R.L.506.00

DESIGN SURFACE LEVEL	508.616	508.542	508.292	508.292	508.292	508.845
EXISTING SURFACE LEVEL	509.276	508.954	508.935	508.928	508.928	508.845
OFFSET	0.000	3.000	4.000	4.500	4.500	5.605

80.000



DATUM R.L.499.00

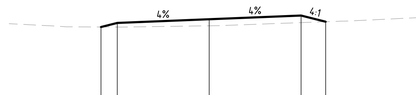
DESIGN SURFACE LEVEL	502.334	501.700	501.700	501.950	502.070	502.190	501.940	502.290
EXISTING SURFACE LEVEL	502.334	502.234	502.194	502.115	502.067	502.195	502.230	502.255	501.940	502.290
OFFSET	5.768	4.500	4.000	3.000	0.000	3.000	4.000	4.500	5.201

167.028

DATUM R.L.506.00

DESIGN SURFACE LEVEL	510.485	509.396	509.396	509.646	509.526	509.406	509.156	509.347
EXISTING SURFACE LEVEL	510.485	510.249	510.210	510.148	509.937	509.936	509.464	509.398	509.156	509.347
OFFSET	6.677	4.500	4.000	3.000	0.000	3.000	4.000	4.500	4.882

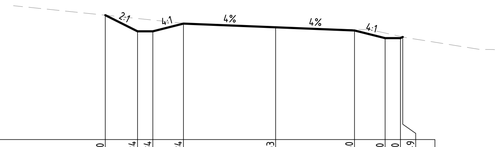
60.000



DATUM R.L.500.00

DESIGN SURFACE LEVEL	502.531	502.665	502.785	502.905	502.704
EXISTING SURFACE LEVEL	502.531	502.528	502.570	502.675	502.704	502.704
OFFSET	3.533	3.000	0.000	3.000	3.803

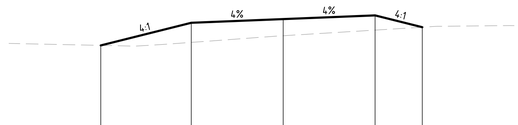
160.000



DATUM R.L.506.00

DESIGN SURFACE LEVEL	510.060	509.534	509.534	509.784	509.663	509.560	509.310	509.310	509.349
EXISTING SURFACE LEVEL	510.060	509.951	509.900	509.797	509.669	509.595	509.477	509.366	509.349	509.349
OFFSET	5.560	4.508	4.008	3.008	0.000	2.576	3.576	4.076	4.152

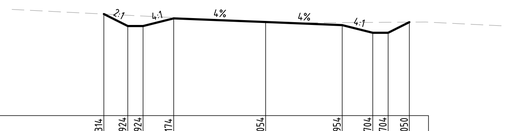
40.000



DATUM R.L.501.00

DESIGN SURFACE LEVEL	503.959	504.697	504.817	504.937	504.552
EXISTING SURFACE LEVEL	503.959	504.697	504.774	504.658	504.552	504.552
OFFSET	5.956	3.000	0.000	3.000	4.541

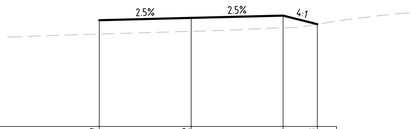
140.000



DATUM R.L.505.00

DESIGN SURFACE LEVEL	508.314	507.924	507.924	508.174	508.054	507.954	507.704	507.704	508.050
EXISTING SURFACE LEVEL	508.314	508.274	508.249	508.199	508.042	508.035	508.042	508.046	508.050	508.050
OFFSET	5.281	4.500	4.000	3.000	0.000	2.500	3.500	4.000	4.694

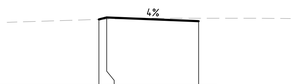
20.000



DATUM R.L.503.00

DESIGN SURFACE LEVEL	506.467	506.542	506.617	506.338
EXISTING SURFACE LEVEL	506.015	506.103	506.219	506.338	506.338
OFFSET	3.000	0.000	3.000	4.118

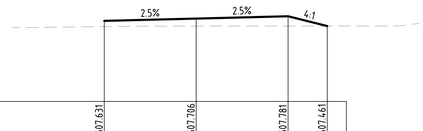
120.000



DATUM R.L.505.00

DESIGN SURFACE LEVEL	507.189	507.252	507.132
EXISTING SURFACE LEVEL	507.189	507.197	507.226
OFFSET	3.255	3.000	0.000

10.568



DATUM R.L.505.00

DESIGN SURFACE LEVEL	507.631	507.706	507.781	507.461
EXISTING SURFACE LEVEL	507.443	507.558	507.460	507.461	507.461
OFFSET	3.000	0.000	3.000	4.279

100.000

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Project
CIVIL DESIGN DOCUMENTATION
PROPOSED DEVELOPMENT
Site Address
85 ROCKY WATERHOLE ROAD
MOUNT FROME NSW 2850
Client
WILD MODULAR

Drawing Title
PROPOSED ROAD 3 CROSS SECTIONS
CH 10.567 - 167.028

Design LM
Drawn JS
Check LM
Original Sheet Size A1
Revision D

Certification

Project No 47299
Drawing No C32

PROPOSED ROAD 4 PLAN

REDUCTION RATIO 1:250 @ A1
1:500 @ A3

SCALE 1:250(A1)

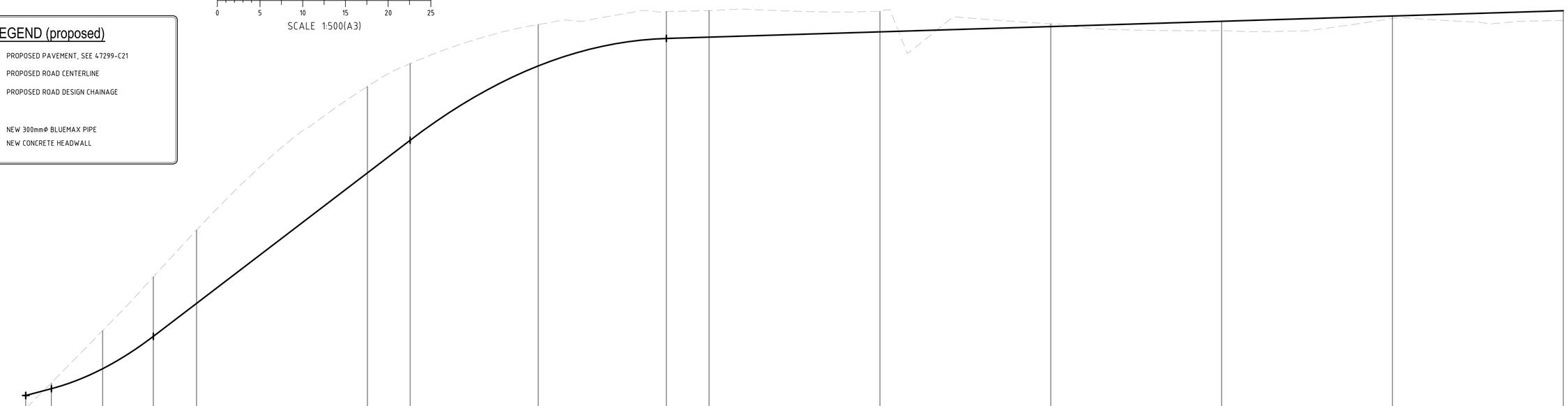
0 5 10 15 20 25

0 5 10 15 20 25

SCALE 1:500(A3)

LEGEND (proposed)

- PROPOSED PAVEMENT, SEE 47299-C21
- PROPOSED ROAD CENTERLINE
- PROPOSED ROAD DESIGN CHAINAGE (BP 0.0)
- NEW 300mmØ BLUEMAX PIPE
- NEW CONCRETE HEADWALL



VERTICAL CURVE DETAILS: VC 11.933 | VC 30

VERTICAL GRADING: 5.306% | 15.261% | 0.618%

HORIZONTAL CURVES: 20 R | 62 R | -244.485 R | -306.227 R

DATUM RL = 520.300

CUT / FILL	0.302	-0.136	-0.891	-1.391	-1.715	-2.023	-1.794	-0.970	-0.627	-0.621	-0.485	-0.065	0.218	0.056	0.227
DESIGN SURFACE LEVEL	523.339	523.499	523.966	524.723	525.496	528.548	529.311	531.051	531.693	531.724	531.847	531.971	532.094	532.218	532.342
NATURAL SURFACE LEVEL	523.038	523.635	524.857	526.114	527.211	530.571	531.105	532.021	532.320	532.344	532.332	532.036	531.876	532.162	532.115
CHAINAGES	0.000	3.004	9.000	14.936	20.000	40.000	45.000	60.000	75.000	80.000	100.000	120.000	140.000	160.000	180.000

PROPOSED ROAD 4 LONG SECTION - Ch 0.00 - 180.00

REDUCTION RATIO 1:250H 1:100V @ A1

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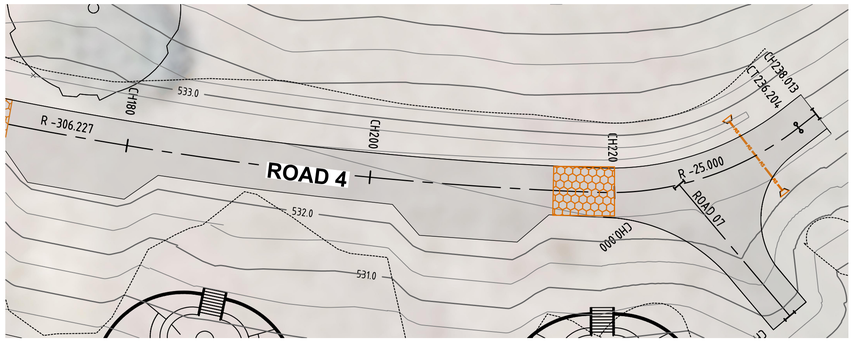
Project
CIVIL DESIGN DOCUMENTATION
PROPOSED DEVELOPMENT
Site Address
85 ROCKY WATERHOLE ROAD
MOUNT FROME NSW 2850
Client
WILD MODULAR

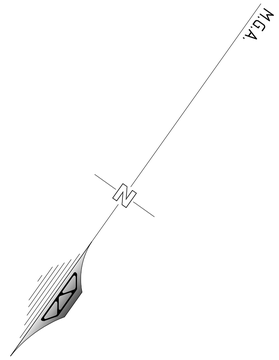
Drawing Title
PROPOSED ROAD 4 PLAN & LONG SECTION Ch: 0.00 - Ch: 180.00

Design LM
Drawn JS
Check LM
Original Sheet Size A1
Revision D

Certification

Project No 47299
Drawing No C33





LEGEND (proposed)

- PROPOSED PAVEMENT, SEE 47299-C21
- PROPOSED ROAD CENTERLINE
- PROPOSED ROAD DESIGN CHAINAGE (0 BP 0)
- NEW 300mmØ BLUEMAX PIPE
- NEW CONCRETE HEADWALL

PROPOSED ROAD 4 PLAN

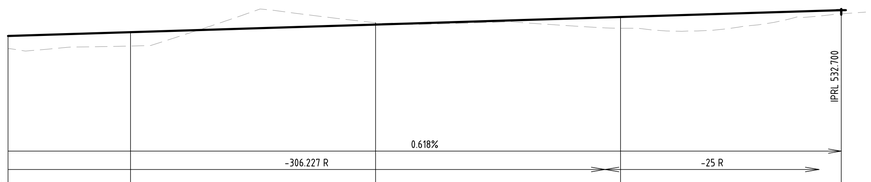
REDUCTION RATIO 1:250 @ A1
1:500 @ A3

SCALE 1:250(A1)

0 5 10 15 20 25

0 5 10 15 20 25

SCALE 1:500(A3)



VERTICAL CURVE DETAILS					
VERTICAL GRADING			0.618%		
HORIZONTAL CURVES		-306.227 R		-25 R	
DATUM RL = 529.700					
CUT / FILL	0.207	0.227	-0.029	0.185	0.059
DESIGN SURFACE LEVEL	532.28	532.342	532.465	532.589	532.7
NATURAL SURFACE LEVEL	532.073	532.115	532.494	532.404	532.641
CHAINAGES	170.000	180.000	200.000	220.000	238.013

PROPOSED ROAD 4 LONG SECTION - Ch: 170.00 - Ch: 238.013

REDUCTION RATIO 1:250H 1:100V @ A1

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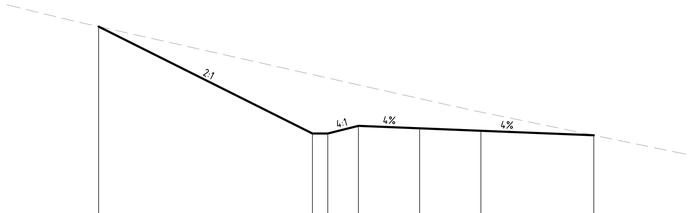
Project
CIVIL DESIGN DOCUMENTATION
PROPOSED DEVELOPMENT
Site Address
85 ROCKY WATERHOLE ROAD
MOUNT FROME NSW 2850
Client
WILD MODULAR

Drawing Title
PROPOSED ROAD 4 PLAN & LONG SECTION Ch: 175.00 - Ch: 238.013

Design LM
Drawn JS
Check LM
Original Sheet Size A1
Revision D

Certification

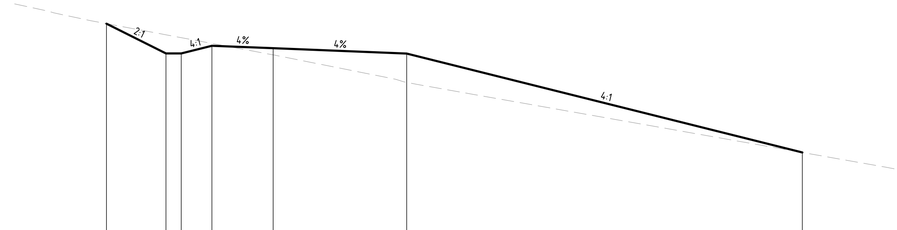
Project No 47299
Drawing No C34



DATUM R.L.528.00

DESIGN SURFACE LEVEL		534.372		530.881	530.881	531.051	530.971		530.824
EXISTING SURFACE LEVEL		534.372		532.806	532.694	532.021	531.581		530.824
OFFSET		10.481		3.500	3.000	0.000	2.000		5.685

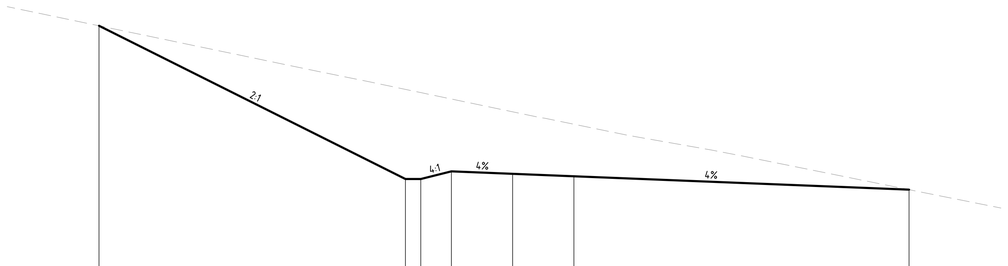
60.000



DATUM R.L.526.00

DESIGN SURFACE LEVEL		532.896	531.924	531.924	532.714	532.094		531.920	528.691
EXISTING SURFACE LEVEL		532.896	532.532	532.438	532.251	531.876		530.979	528.691
OFFSET		5.443	3.500	3.000	2.000	0.000		4.360	17.278

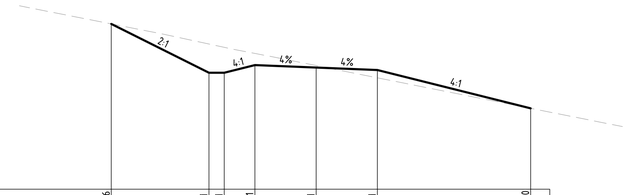
140.000



DATUM R.L.525.00

DESIGN SURFACE LEVEL	533.380	533.380	528.378	528.378	528.628	528.548	528.468		528.030
EXISTING SURFACE LEVEL	533.380	533.380	531.304	531.199	530.990	530.571	530.167		528.030
OFFSET	13.504		3.500	3.000	2.000	0.000	2.000		12.942

40.000



DATUM R.L.528.00

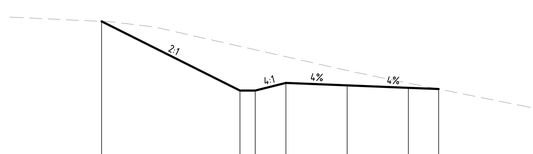
DESIGN SURFACE LEVEL		533.396	531.801	531.801	532.051	531.971	531.891		530.640
EXISTING SURFACE LEVEL		533.396	532.739	532.631	532.431	532.036	531.635		530.640
OFFSET		6.689	3.500	3.000	2.000	0.000	2.000		7.002

120.000

DATUM R.L.523.00

DESIGN SURFACE LEVEL		527.508	527.508	525.326	525.326	525.576	525.496
EXISTING SURFACE LEVEL		527.508	527.363	527.346	527.305		527.211
OFFSET		7.865	3.500	3.000	2.000		0.000

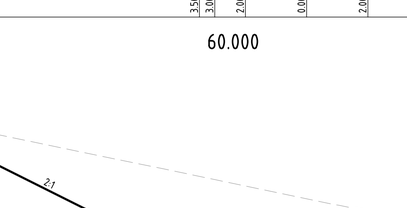
20.000



DATUM R.L.529.00

DESIGN SURFACE LEVEL		533.936	533.936	531.677	531.677	531.927	531.847	531.767	531.728
EXISTING SURFACE LEVEL		533.936	533.322	533.009	532.784	532.332	531.921	531.728	
OFFSET		8.017	3.500	3.000	2.000	0.000	2.000	2.988	

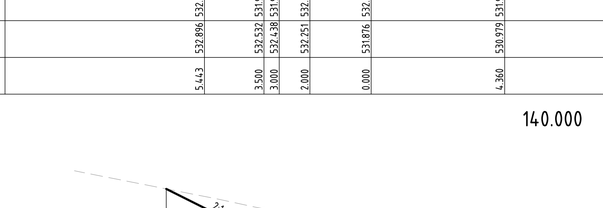
100.000



DATUM R.L.522.00

DESIGN SURFACE LEVEL		526.150	526.150	524.563	524.563	524.813	524.735
EXISTING SURFACE LEVEL		526.150	526.163	526.162	526.153	526.153	526.131
OFFSET		6.624	3.449	2.949	1.949		0.000

15.014



DATUM R.L.528.00

DESIGN SURFACE LEVEL		534.156	531.554	531.554	531.804	531.724		531.565	531.438
EXISTING SURFACE LEVEL		534.156	532.956	532.955	532.751	532.344		531.541	531.438
OFFSET		8.705	3.500	3.000	2.000	0.000		3.967	4.473

80.000

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Rev	Date	Description
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B	30-04-2025	REVISED LAYOUT
C	13-05-2025	PROPOSED LAYOUT AMENDED
D	23-05-2025	ROAD & SW DETAILS ADDED

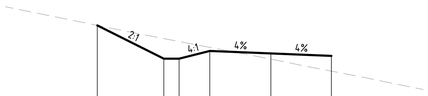
Project
CIVIL DESIGN DOCUMENTATION
PROPOSED DEVELOPMENT
Site Address
85 ROCKY WATERHOLE ROAD
MOUNT FROME NSW 2850
Client
WILD MODULAR

Drawing Title
PROPOSED ROAD 4 CROSS SECTION
Ch: 15.04 - Ch: 140.00

Design LM
Drawn JS
Check LM
Original Sheet Size A1
Revision D

Certification

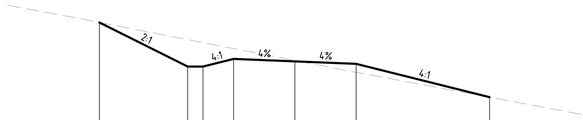
Project No 47299
Drawing No C35



DATUM R.L.529.00

DESIGN SURFACE LEVEL	533.504	532.418	532.418	532.668	532.589	532.510	
EXISTING SURFACE LEVEL	533.504	533.074	532.978	532.787	532.404	532.011	
OFFSET	5.667	3.495	2.995	1.995	0.000	1.977	

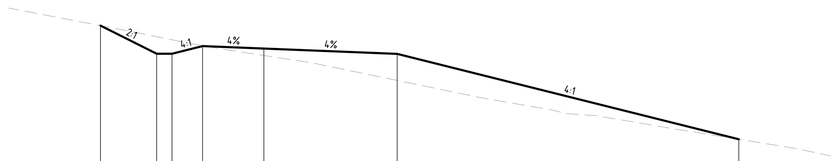
220.000



DATUM R.L.528.00

DESIGN SURFACE LEVEL	533.736	532.295	532.295	532.545	532.465	532.385	531.296
EXISTING SURFACE LEVEL	533.736	533.175	533.078	532.883	532.494	532.108	531.296
OFFSET	6.382	3.500	3.000	2.000	0.000	2.000	6.358

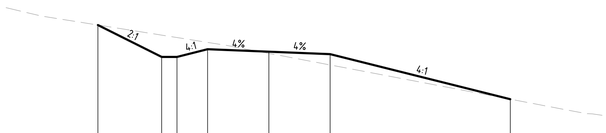
200.000



DATUM R.L.526.00

DESIGN SURFACE LEVEL	533.089	532.172	532.172	532.422	532.342	532.167	529.379
EXISTING SURFACE LEVEL	533.089	532.728	532.676	532.437	532.115	531.301	529.379
OFFSET	5.335	3.500	3.000	2.000	0.000	4.352	15.507

180.000



DATUM R.L.528.00

DESIGN SURFACE LEVEL	533.089	532.048	532.048	532.298	532.218	532.138	530.668
EXISTING SURFACE LEVEL	533.089	532.759	532.680	532.521	532.162	531.785	530.668
OFFSET	5.582	3.500	3.000	2.000	0.000	2.000	7.881

160.000

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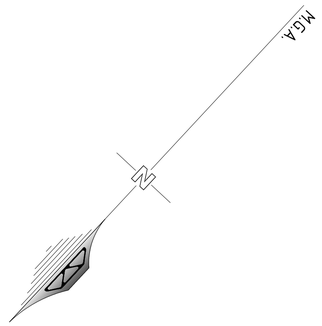
Project
CIVIL DESIGN DOCUMENTATION
PROPOSED DEVELOPMENT
Site Address
85 ROCKY WATERHOLE ROAD
MOUNT FROME NSW 2850
Client
WILD MODULAR

Drawing Title
PROPOSED ROAD 4 CROSS SECTION
Ch: 160.00 - Ch: 220.00

Design LM
Drawn JS
Check LM
Original Sheet Size A1
Revision D

Certification

Project No 47299
Drawing No C36



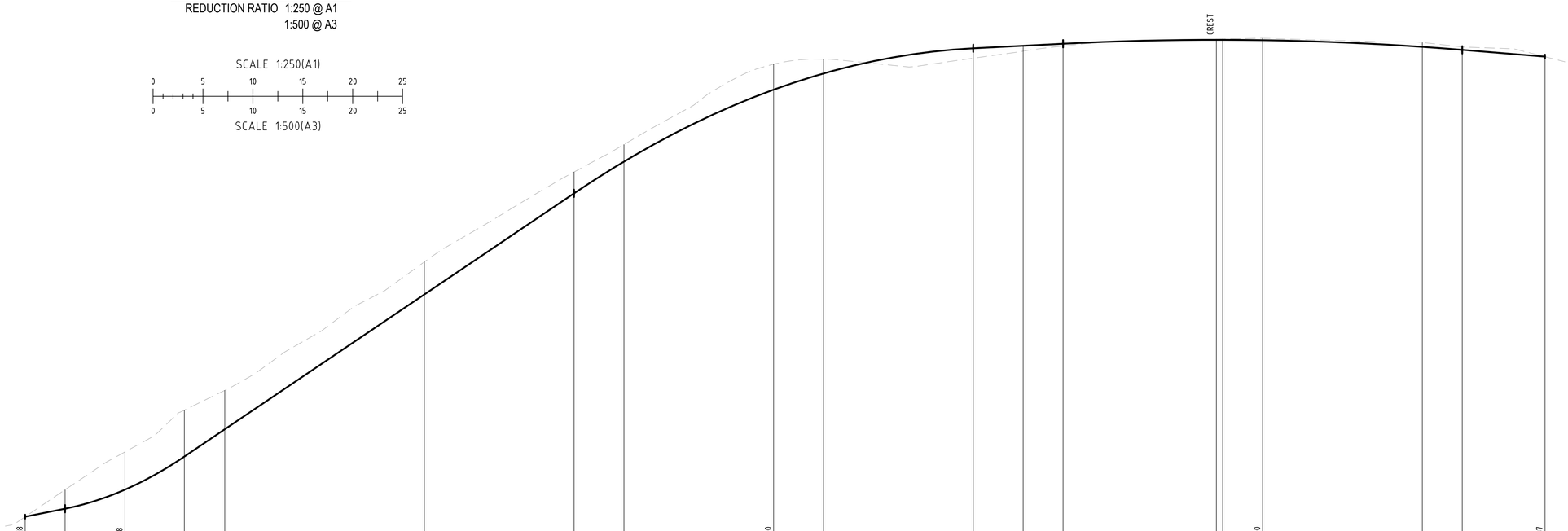
LEGEND (proposed)

- PROPOSED PAVEMENT, SEE 47299-C21
- PROPOSED ROAD CENTERLINE
- PROPOSED ROAD DESIGN CHAINAGE (BP 0.0)
- EXTENT OF PROPOSED RIP-RAP LINED CAUSEWAY
- NEW 300mmØ BLUEMAX PIPE
- NEW CONCRETE HEADWALL

PROPOSED ROAD 5 PLAN

REDUCTION RATIO 1:250 @ A1
1:500 @ A3

SCALE 1:250(A1)
0 5 10 15 20 25
0 5 10 15 20 25
SCALE 1:500(A3)



VERTICAL CURVE DETAILS
VERTICAL GRADING
HORIZONTAL CURVES
DATUM RL = 507.300

CUT / FILL		-0.380	-0.756	-0.932	-0.780	-0.652	-0.428	-0.342	-0.511	-0.287	0.199	0.107	0.047	-0.012 -0.015	-0.037	-0.087	-0.061	0.002
DESIGN SURFACE LEVEL	509.818	509.978	510.36	511.022	511.569	514.271	516.298	516.934	518.375	518.7	519.204	519.255	519.296	519.374 519.374	519.367	519.233	519.173	519.037
NATURAL SURFACE LEVEL		510.358	511.116	511.953	512.349	514.923	516.726	517.276	518.887	518.987	519.005	519.148	519.249	519.387 519.390	519.404	519.320	519.233	519.035
CHAINAGES	0.000	4.000	10.000	15.950	20.000	40.000	55.000	60.000	75.000	80.000	95.000	100.000	104.000	119.363 120.000	124.000	140.000	144.000	152.294

PROPOSED ROAD 5 LONG SECTION - Ch 0.00 - 152.294

REDUCTION RATIO 1:250H 1:100V @ A1

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Project
CIVIL DESIGN DOCUMENTATION
PROPOSED DEVELOPMENT
Site Address
85 ROCKY WATERHOLE ROAD
MOUNT FROME NSW 2850
Client
WILD MODULAR

Drawing Title
PROPOSED ROAD 5 PLAN & LONG SECTION Ch: 0.00 - Ch: 152.294

Design LM
Drawn JS
Check LM
Original Sheet Size A1
Revision D
Certification
Project No 47299
Drawing No C37

DATUM R.L.515.00

DESIGN SURFACE LEVEL	518.822	518.700	518.590
EXISTING SURFACE LEVEL	519.267	518.987	518.515
OFFSET	3.057	0.000	2.750

80.000

DATUM R.L.514.00

DESIGN SURFACE LEVEL	517.269	516.804	516.804	517.054	516.934	516.814	516.564	516.564	516.888	
EXISTING SURFACE LEVEL	517.269	517.291	517.393	517.327	517.276	517.070	516.985	516.943	516.888	
OFFSET	5.429	4.500	4.000	3.000	0.000	3.000	4.000	4.500	5.148	

60.000

DATUM R.L.511.00

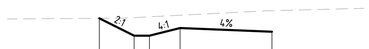
DESIGN SURFACE LEVEL	514.773	514.141	514.141	514.391	514.271	514.151	513.901	513.901	514.722	
EXISTING SURFACE LEVEL	514.773	514.849	514.898	514.926	514.923	514.825	514.792	514.776	514.722	
OFFSET	5.764	4.500	4.000	3.000	0.000	3.000	4.000	4.500	6.143	

40.000

DATUM R.L.509.00

DESIGN SURFACE LEVEL	512.188	511.439	511.439	511.689	511.569	511.449	511.199	511.199	512.238	
EXISTING SURFACE LEVEL	512.188	512.227	512.289	512.411	512.349	512.250	512.246	512.244	512.238	
OFFSET	5.998	4.500	4.000	3.000	0.000	3.000	4.000	4.500	6.577	

20.000



DATUM R.L.508.00

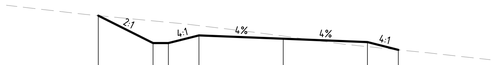
DESIGN SURFACE LEVEL	510.633	510.064	510.064	510.314	510.194	
EXISTING SURFACE LEVEL	510.633	510.656	510.681	510.732	510.880	
OFFSET	5.637	4.500	4.000	3.000	0.000	

7.910

DATUM R.L.516.00

DESIGN SURFACE LEVEL	519.168	519.058	518.948
EXISTING SURFACE LEVEL	519.339	519.101	518.871
OFFSET	2.750	0.000	2.750

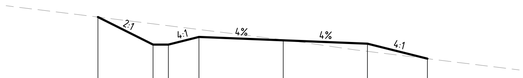
151.000



DATUM R.L.516.00

DESIGN SURFACE LEVEL	519.987	519.093	519.093	519.343	519.233	519.123	518.871	
EXISTING SURFACE LEVEL	519.987	519.816	519.768	519.662	519.320	518.975	518.871	
OFFSET	6.037	4.250	3.750	2.750	0.000	2.750	3.758	

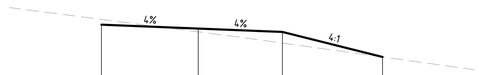
140.000



DATUM R.L.516.00

DESIGN SURFACE LEVEL	520.134	519.234	519.234	519.484	519.374	519.264	518.775	
EXISTING SURFACE LEVEL	520.134	518.912	519.651	519.728	519.390	519.014	518.775	
OFFSET	6.649	4.250	3.750	2.750	0.000	2.750	4.708	

120.000



DATUM R.L.515.00

DESIGN SURFACE LEVEL	519.382	519.255	519.145	518.328
EXISTING SURFACE LEVEL	519.555	519.148	518.782	518.328
OFFSET	3.160	0.000	2.750	6.019

100.000

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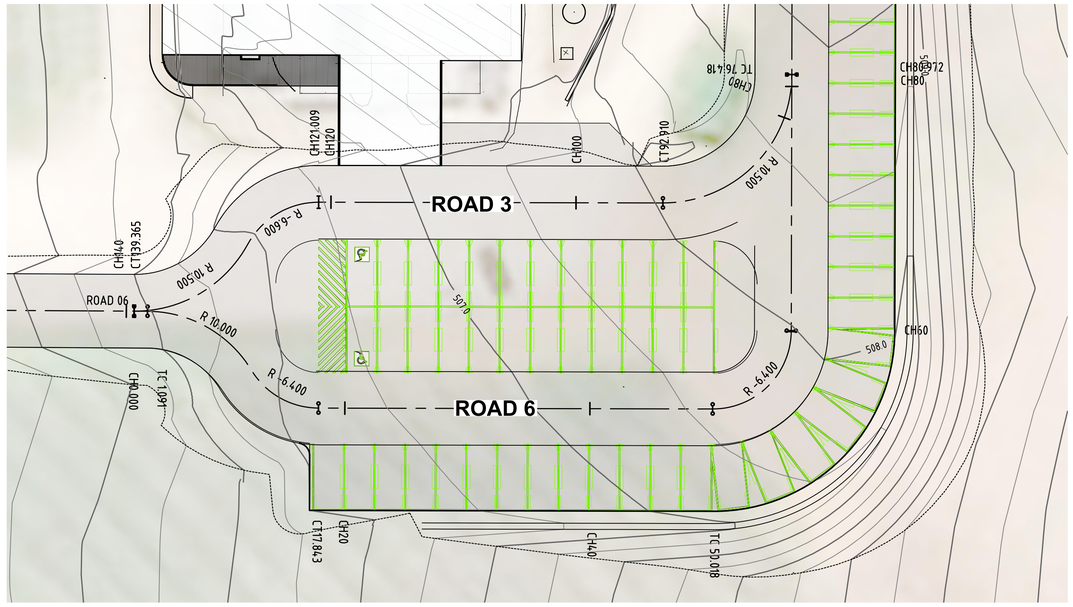
Project
CIVIL DESIGN DOCUMENTATION
PROPOSED DEVELOPMENT
Site Address
85 ROCKY WATERHOLE ROAD
MOUNT FROME NSW 2850
Client
WILD MODULAR

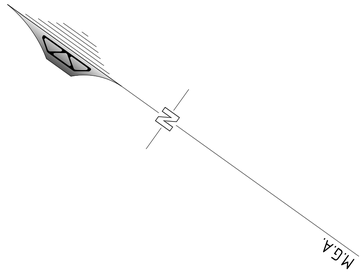
Drawing Title
PROPOSED ROAD 5 CROSS SECTIONS
ch 7.910 - 151.00

Design LM
Drawn JS
Check LM
Original Sheet Size A1
Revision D

Certification

Project No 47299
Drawing No C38





LEGEND (proposed)

- PROPOSED PAVEMENT, SEE 47299-C21
- PROPOSED ROAD CENTERLINE
- PROPOSED ROAD DESIGN CHAINAGE (BP 0.0)
- EXTENT OF PROPOSED RIP-RAP LINED CAUSEWAY
- NEW 300mmØ BLUEMAX PIPE
- NEW CONCRETE HEADWALL

PROPOSED ROAD 6 PLAN

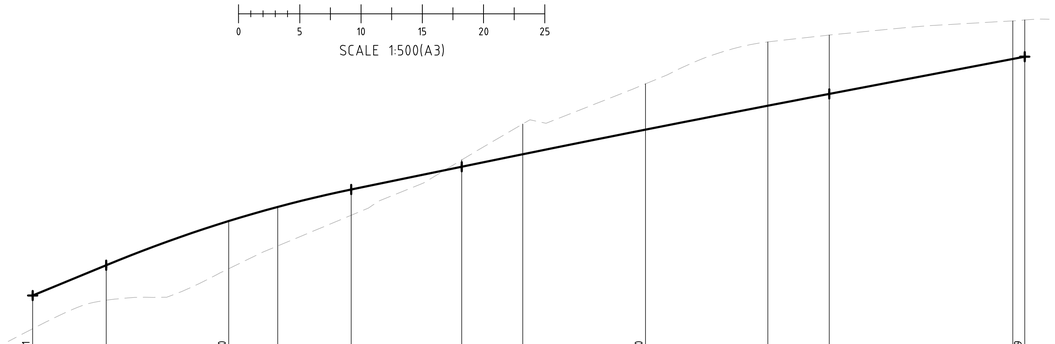
REDUCTION RATIO 1:250 @ A1
1:500 @ A3

SCALE 1:250(A1)

0 5 10 15 20 25

0 5 10 15 20 25

SCALE 1:500(A3)



VERTICAL CURVE DETAILS
VERTICAL GRADING
HORIZONTAL CURVES
DATUM RL = 501.800

CUT / FILL	0.542	0.570	0.778	0.637	0.421	-0.112	-0.495	-0.747	-1.042	-0.961	-0.621	-0.000	
DESIGN SURFACE LEVEL	504.881	505.375	506.097	506.327	506.612	506.983	507.186	507.589	507.979	508.171	508.742	508.779	
NATURAL SURFACE LEVEL	504.339	504.806	505.318	505.690	506.191	507.095	507.681	508.336	509.021	509.133	509.363	509.339	
CHAINAGES	0.000	6.000	16.000	20.000	26.000	35.018	40.000	50.018	60.000	65.018	80.000	80.972	

PROPOSED ROAD 6 LONG SECTION - CH0.00 - 80.972

REDUCTION RATIO 1:250H 1:100V @ A1

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Project
CIVIL DESIGN DOCUMENTATION
PROPOSED DEVELOPMENT
Site Address
85 ROCKY WATERHOLE ROAD
MOUNT FROME NSW 2850
Client
WILD MODULAR

Drawing Title
PROPOSED ROAD 6 PLAN & LONG SECTION CH 0.00 - 80.972

Design LM
Drawn JS
Check LM
Original Sheet Size A1
Revision D
Certification
Project No 47299
Drawing No C39

DATUM R.L.506.00

DESIGN SURFACE LEVEL	508.742	508.862
EXISTING SURFACE LEVEL	509.363	509.652
OFFSET	0.000	3.000

80.000

DATUM R.L.505.00

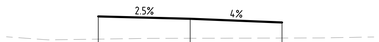
DESIGN SURFACE LEVEL	507.904	507.979	508.099
EXISTING SURFACE LEVEL	508.760	509.021	509.256
OFFSET	3.000	0.000	3.000

60.000

DATUM R.L.505.00

DESIGN SURFACE LEVEL	507.281	507.186	507.066
EXISTING SURFACE LEVEL	507.644	507.681	507.638
OFFSET	3.000	0.000	3.000

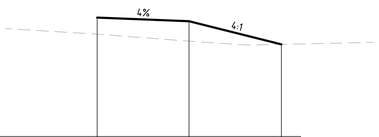
40.000



DATUM R.L.503.00

DESIGN SURFACE LEVEL	506.402	506.327	506.207
EXISTING SURFACE LEVEL	505.663	505.690	505.698
OFFSET	3.000	0.000	3.000

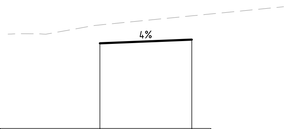
20.000



DATUM R.L.501.00

DESIGN SURFACE LEVEL	504.881	504.761	504.607
EXISTING SURFACE LEVEL	504.339	504.112	504.007
OFFSET	0.000	3.000	6.016

0.000



DATUM R.L.506.00

DESIGN SURFACE LEVEL	508.779	508.899
EXISTING SURFACE LEVEL	509.379	509.676
OFFSET	0.000	3.000

80.972

SUBMISSION FOR DA

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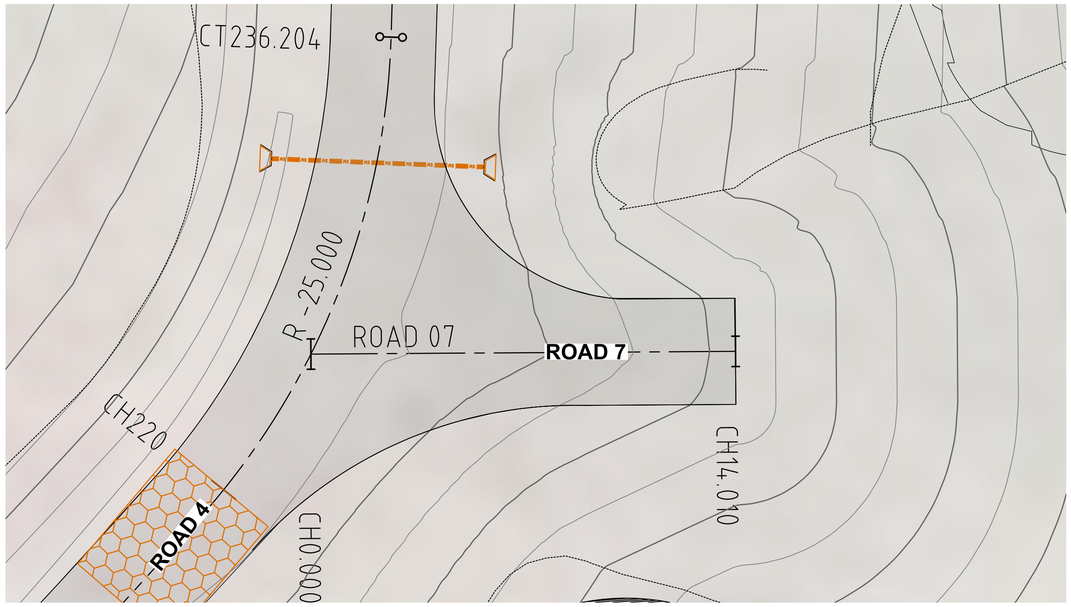
Project
CIVIL DESIGN DOCUMENTATION
PROPOSED DEVELOPMENT
Site Address
85 ROCKY WATERHOLE ROAD
MOUNT FROME NSW 2850
Client
WILD MODULAR

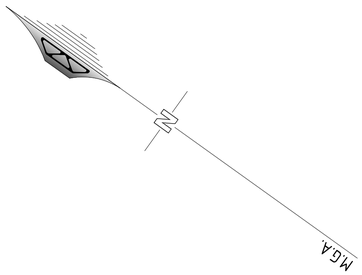
Drawing Title
PROPOSED ROAD 6 CROSS SECTIONS
CH 0.00 - 80.972

Design LM
Drawn JS
Check LM
Original Sheet Size A1
Revision D

Certification

Project No 47299
Drawing No C40





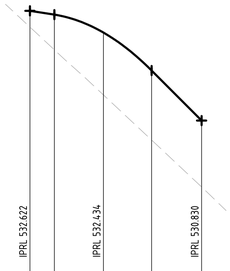
LEGEND (proposed)

- PROPOSED PAVEMENT, SEE 47299-C21
- PROPOSED ROAD CENTERLINE
- PROPOSED ROAD DESIGN CHAINAGE (BP 0.0)
- EXTENT OF PROPOSED RIP-RAP LINED CAUSEWAY
- NEW 300mmØ BLUEMAX PIPE
- NEW CONCRETE HEADWALL

PROPOSED ROAD 7 PLAN

REDUCTION RATIO 1:250 @ A1
1:500 @ A3

SCALE 1:250(A1)
0 5 10 15 20 25
0 5 10 15 20 25
SCALE 1:500(A3)



VERTICAL CURVE DETAILS
VERTICAL GRADING
HORIZONTAL CURVES
DATUM RL = 527.100

CUT / FILL	0.265	0.574	1.017	1.135	1.082
DESIGN SURFACE LEVEL	532.622	532.559	532.266	531.647	530.83
NATURAL SURFACE LEVEL	532.357	531.985	531.249	530.512	529.748
CHAINAGES	0.000	1.993	6.000	9.931	14.010

PROPOSED ROAD 7 LONG SECTION - CH0.00 - 14.01

REDUCTION RATIO 1:250H 1:100V @ A1

SUBMISSION FOR DA

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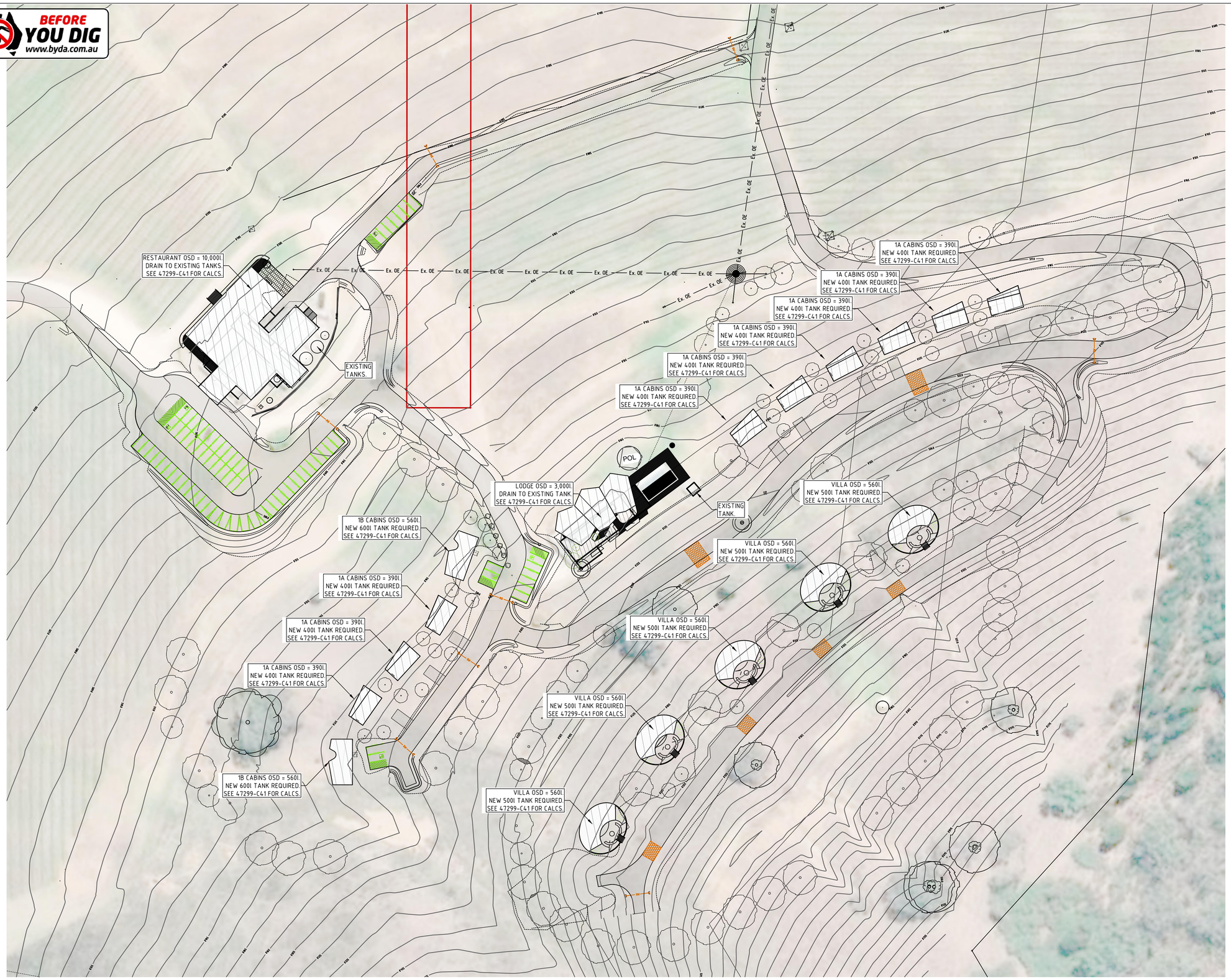
Project
CIVIL DESIGN DOCUMENTATION
PROPOSED DEVELOPMENT
Site Address
85 ROCKY WATERHOLE ROAD
MOUNT FROME NSW 2850
Client
WILD MODULAR

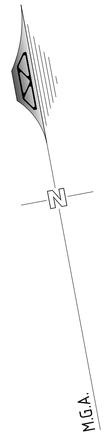
Drawing Title
PROPOSED ROAD 7 PLAN & LONG SECTION Ch 0.00 - 14.01

Design LM
Drawn JS
Check LM
Original Sheet Size A1
Revision D

Certification

Project No 47299
Drawing No C41





PROPOSED STORMWATER MANAGEMENT PLAN

REDUCTION RATIO 1:600 @ A1
1:1,200 @ A3

SCALE 1:600(A1)

0 5 10 20 30 40 50

0 5 10 20 30 40 50

SCALE 1:1200(A3)

LEGEND (proposed)

- EXTENT OF PROPOSED GRAVEL DRIVEWAY
- EXTENT OF PROPOSED ROOFS
- EXTENT OF PROPOSED RIP-RAP LINED CAUSEWAY
- NEW 300mmØ BLUEMAX PIPE
- NEW CONCRETE HEADWALL

LEGEND

- EXISTING SUBJECT CADASTRAL BOUNDARIES
- Ex. OE — EXISTING OVERHEAD ELECTRICITY CABLES
- ELECTRICITY POWER POLE
- WATER TAP

SUBMISSION FOR DA

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DESIGN . PLAN . MANAGE

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Rev	Date	Description
A	20-03-2025	PRELIMINARY DRAWING
B	30-04-2025	REVISED LAYOUT
C	13-05-2025	PROPOSED LAYOUT AMENDED
D	23-05-2025	ROAD & SW DETAILS ADDED

Project
CIVIL DESIGN DOCUMENTATION
PROPOSED DEVELOPMENT
Site Address
85 ROCKY WATERHOLE ROAD
MOUNT FROME NSW 2850
Client
WILD MODULAR

Drawing Title
PROPOSED STORMWATER MANAGEMENT PLAN

Design LM
Drawn JS
Check LM
Original Sheet Size A1
Revision D

Certification

Project No 47299
Drawing No C50

SITEWORKS NOTES

1. ORIGIN OF LEVELS :- AHD
2. CONTRACTOR MUST VERIFY ALL DIMENSIONS AND EXISTING LEVELS ON SITE PRIOR TO COMMENCEMENT OF WORK.
3. ALL WORK IS TO BE UNDERTAKEN IN ACCORDANCE WITH THE DETAILS SHOWN ON THE DRAWINGS, THE SPECIFICATIONS AND THE DIRECTIONS OF THE SUPERINTENDENT.
4. EXISTING SERVICES HAVE BEEN OBTAINED FROM SURFACE INSPECTION ONLY. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ESTABLISH THE LOCATION AND THE LEVEL OF ALL EXISTING SERVICES PRIOR TO THE COMMENCEMENT OF ANY WORK. ANY DISCREPANCIES SHALL BE REPORTED TO THE SUPERINTENDENT. CLEARANCES SHALL BE OBTAINED FROM THE RELEVANT SERVICE AUTHORITY.
5. WHERE NEW WORKS ABUT EXISTING THE CONTRACTOR SHALL ENSURE THAT A SMOOTH EVEN PROFILE, FREE FROM ABRUPT CHANGES IS OBTAINED.
6. THE CONTRACTOR SHALL ARRANGE ALL SURVEY SETOUT TO BE CARRIED OUT BY A QUALIFIED SURVEYOR.
7. CARE IS TO BE TAKEN WHEN EXCAVATING NEAR EXISTING SERVICES. NO MECHANICAL EXCAVATIONS ARE TO BE UNDERTAKEN OVER TELECOM OR ELECTRICAL SERVICES. HAND EXCAVATE IN THESE AREAS.
8. ON COMPLETION OF CONSTRUCTION, ALL DISTURBED AREAS MUST BE RESTORED TO ORIGINAL, INCLUDING KERBS, FOOTPATHS, CONCRETE AREAS, GRAVEL AND GRASSED AREAS AND ROAD PAVEMENTS.
9. MAKE SMOOTH TRANSITION TO EXISTING AREAS.
10. THE CONTRACTOR SHALL PROVIDE ALL TEMPORARY DIVERSION DRAINS AND MOUNDS TO ENSURE THAT AT ALL TIMES EXPOSED SURFACES ARE FREE DRAINING AND WHERE NECESSARY EXCAVATE SUMPS AND PROVIDE PUMPING EQUIPMENT TO DRAIN EXPOSED AREAS. ALL WORK TO BE UNDERTAKEN WITH ADHERENCE TO THE REQUIREMENTS OF THE SOIL AND WATER MANAGEMENT PLAN.
11. THESE PLANS SHALL BE READ IN CONJUNCTION WITH APPROVED ARCHITECTURAL, STRUCTURAL, HYDRAULIC AND MECHANICAL DRAWINGS AND SPECIFICATIONS.

SURVEY NOTES

1. CONTOURS SHOWN DEPICT THE TOPOGRAPHY. EXCEPT AT SPOT LEVELS SHOWN THEY DO NOT REPRESENT THE EXACT LEVEL AT ANY PARTICULAR POINT.
2. SERVICES SHOWN HEREON HAVE BEEN DETERMINED FROM VISUAL EVIDENCE AND ARE INDICATIVE ONLY. PRIOR TO ANY DEMOLITION, EXCAVATION OR CONSTRUCTION ON THE SITE THE RELEVANT AUTHORITY SHOULD BE CONTACTED TO ESTABLISH DETAILED LOCATION AND DEPTH.

PIPE TRENCH - FILL NOTES:

1. BEDDING SAND
   BEDDING SAND SHALL BE GRANULAR MATERIAL HAVING A LOW PERMEABILITY AND HIGH STABILITY WHEN SATURATED, CONFORMING TO THE GRADING LIMITS FOR BEDDING SAND AS INDICATED IN THE CONTRACT DOCUMENTS. BEDDING SAND SHALL BE COMPACTED TO A DENSITY INDEX OF 95% AS DETERMINED IN ACCORDANCE WITH AS1289.
2. APPROVED IMPORTED GRANULAR FILL
   ONLY IMPORTED GRANULAR FILL MATERIAL APPROVED BY THE SUPERINTENDENT SHALL BE USED. THIS FILL MATERIAL SHALL BE COMPACTED IN LAYERS NOT EXCEEDING 300mm THICK TO A DRY DENSITY OF 100% OF THE STANDARD MAXIMUM DRY DENSITY OF THE MATERIAL AND WITH A MOISTURE CONTENT NO MORE THAN 1% ABOVE OPTIMUM MOISTURE CONTENT AS DETERMINED IN ACCORDANCE WITH AS1289.
3. ORDINARY EXCAVATED FILL MATERIAL
   ORDINARY EXCAVATED FILL MATERIAL IS EXCAVATED TRENCH MATERIAL THAT IS FREE OF VEGETABLE MATTER, HUMUS, LARGE CLAY LUMPS AND ROCK BOULDERS. THIS FILL MATERIAL SHALL BE COMPACTED IN LAYERS NOT EXCEEDING 300mm THICK, TO A DENSITY OF 95% OF THE STANDARD MAXIMUM DRY DENSITY OF THE MATERIAL WITH A MOISTURE CONTENT OF NOT MORE THAN 1% ABOVE THE OPTIMUM MOISTURE CONTENT AS DETERMINED IN ACCORDANCE WITH AS1289.

STORMWATER NOTES

1. ALL DOWNPIPE LINES SHALL BE SEWER GRADE uPVC WITH SOLVENT WELD JOINTS (U.N.O)
2. EQUIVALENT STRENGTH VCP OR FCP PIPES MAY BE USED.
3. MINIMUM GRADE TO STORMWATER LINES TO BE 0.5% MINIMUM (U.N.O)
4. CONTRACTORS TO SUPPLY AND INSTALL ALL FITTINGS AND SPECIALS INCLUDING VARIOUS PIPE ADAPTORS TO ENSURE PROPER CONNECTION BETWEEN DISSIMILAR PIPEWORK.
5. ALL CONNECTIONS TO EXISTING DRAINAGE PITS SHALL BE MADE IN A TRADESMAN-LIKE MANNER AND THE INTERNAL WALL OF THE PIT AT THE POINT OF ENTRY SHALL BE CEMENT RENDERED TO ENSURE A SMOOTH FINISH.
6. APPROVED PRECAST PITS MAY BE USED.
7. WHERE TRENCHES ARE IN ROCK, THE PIPE SHALL BE BEDDED ON A MIN. 50mm CONCRETE BED (75mm THICK BED OF 12mm BLUE METAL) UNDER THE BARREL OF THE PIPE. THE PIPE COLLAR AT NO POINT SHALL BEAR THE ROCK. IN OTHER THAN ROCK, PIPES SHALL BE LAID ON A 75mm THICK SAND BED. IN ALL CASES, BACKFILL THE TRENCH WITH THE SAND TO 200mm ABOVE THE PIPE .WHERE THE PIPE IS UNDER PAVEMENTS, BACKFILL REMAINDER OF TRENCH WITH SAND OR APPROVED GRANULAR BACKFILL COMPACTED IN 150mm LAYERS TO 98% MAX. DRY DENSITY.
8. WHERE STORMWATER LINES PASS UNDER FLOOR SLABS, SEWER GRADE RUBBER RING JOINTS ARE TO BE USED.
9. ALL PIPES IN THE ROADWAY AND FOOTPATH AREAS, WHERE THE DEPTH OF PIPE IS LESS THAN 500mm FROM THE FINISHED SURFACE LEVEL ARE TO BE CONCRETE ENCASED.

STORMWATER ANALYSIS - 1A CABINS

DESIGN CALCULATIONS AS PER AS3500.3-2021

A) PRE-DEVELOPED:
-TOTAL APPLICABLE CATCHMENT AREA (A) = $45m^2$
-RAINFALL INTENSITY (It) = 148 mm/hr (5min- 5% AEP)
-Cp = RUNOFF COEFFICIENT FOR PERVIOUS AREA = 0.3
-Ap = TOTAL PERVIOUS GRASS AREA = $45m^2$
-TOTAL FLOW Q^{PRE} = (Cr Ar +Ci Ai + Cp Ap). It / 3600 = 0.55 l/s

B) POST-DEVELOPED:
-TOTAL APPLICABLE CATCHMENT AREA (A) = $45m^2$
-RAINFALL INTENSITY (It) = 148 mm/hr (5min -5% AEP)
-Cr = RUNOFF COEFFICIENT FOR ROOFED AREA = 1.0
-Ar = TOTAL ROOFED AREA= $45m^2$
-TOTAL FLOW Q^{POST} = (Cr Ar +Ci Ai + Cp Ap). It / 3600 = 1.85 l/s

C) OSD CALCULATION
- REQUIRED OSD VOLUME = (1.85-0.55)x5x60= 390L
- ALLOW 390L FOR OSD STORAGE PER WATER TANK (OR DIVERT TO DAM).
- REQUIRED CONTROL FLOW FROM TANK = 0.55l/s

STORMWATER ANALYSIS - RESTAURANT

DESIGN CALCULATIONS AS PER AS3500.3-2021

A) PRE-DEVELOPED:
-TOTAL APPLICABLE CATCHMENT AREA (A) = $1130m^2$
-RAINFALL INTENSITY (It) = 148 mm/hr (5min- 5% AEP)
-Cp = RUNOFF COEFFICIENT FOR PERVIOUS AREA = 0.3
-Ap = TOTAL PERVIOUS GRASS AREA = $1130m^2$
-TOTAL FLOW Q^{PRE} = (Cr Ar +Ci Ai + Cp Ap). It / 3600 = 13.94 l/s

B) POST-DEVELOPED:
-TOTAL APPLICABLE CATCHMENT AREA (A) = $1130m^2$
-RAINFALL INTENSITY (It) = 148 mm/hr (5min -5% AEP)
-Cr = RUNOFF COEFFICIENT FOR ROOFED AREA = 1.0
-Ar = TOTAL ROOFED AREA=1130 m^2
-TOTAL FLOW Q^{POST} = (Cr Ar +Ci Ai + Cp Ap). It / 3600 = 46.45 l/s

C) OSD CALCULATION
- REQUIRED OSD VOLUME = (46.45-13.94)x5x60/1000= 9753L
- ALLOW 10,000L FOR OSD STORAGE PER WATER TANK (OR DIVERT TO DAM).
- REQUIRED CONTROL FLOW FROM TANK = 13.94l/s

STORMWATER ANALYSIS - VILLA

DESIGN CALCULATIONS AS PER AS3500.3-2021

A) PRE-DEVELOPED:
-TOTAL APPLICABLE CATCHMENT AREA (A) = $56m^2$
-RAINFALL INTENSITY (It) = 148 mm/hr (5min- 5% AEP)
-Cp = RUNOFF COEFFICIENT FOR PERVIOUS AREA = 0.3
-Ap = TOTAL PERVIOUS GRASS AREA = $56m^2$
-TOTAL FLOW Q^{PRE} = (Cr Ar +Ci Ai + Cp Ap). It / 3600 = 0.69 l/s

B) POST-DEVELOPED:
-TOTAL APPLICABLE CATCHMENT AREA (A) = $56m^2$
-RAINFALL INTENSITY (It) = 148 mm/hr (5min -5% AEP)
-Cr = RUNOFF COEFFICIENT FOR ROOFED AREA = 1.0
-Ar = TOTAL ROOFED AREA= $56m^2$
-TOTAL FLOW Q^{POST} = (Cr Ar +Ci Ai + Cp Ap). It / 3600 = 2.30 l/s

C) OSD CALCULATION
- REQUIRED OSD VOLUME = (2.30-0.69)x5x60= 480L
- ALLOW 500L FOR OSD STORAGE PER WATER TANK (OR DIVERT TO DAM).
- REQUIRED CONTROL FLOW FROM TANK = 0.69l/s

STORMWATER ANALYSIS - 1B CABINS

DESIGN CALCULATIONS AS PER AS3500.3-2021

A) PRE-DEVELOPED:
-TOTAL APPLICABLE CATCHMENT AREA (A) = $65m^2$
-RAINFALL INTENSITY (It) = 148 mm/hr (5min- 5% AEP)
-Cp = RUNOFF COEFFICIENT FOR PERVIOUS AREA = 0.3
-Ap = TOTAL PERVIOUS GRASS AREA = $65m^2$
-TOTAL FLOW Q^{PRE} = (Cr Ar +Ci Ai + Cp Ap). It / 3600 = 0.80 l/s

B) POST-DEVELOPED:
-TOTAL APPLICABLE CATCHMENT AREA (A) = $65m^2$
-RAINFALL INTENSITY (It) = 148 mm/hr (5min -5% AEP)
-Cr = RUNOFF COEFFICIENT FOR ROOFED AREA = 1.0
-Ar = TOTAL ROOFED AREA= $65m^2$
-TOTAL FLOW Q^{POST} = (Cr Ar +Ci Ai + Cp Ap). It / 3600 = 2.67 l/s

C) OSD CALCULATION
- REQUIRED OSD VOLUME = (2.67-0.80)x5x60= 560L
- ALLOW 390L FOR OSD STORAGE PER WATER TANK (OR DIVERT TO DAM).
- REQUIRED CONTROL FLOW FROM TANK = 0.80l/s

STORMWATER ANALYSIS - LODGE

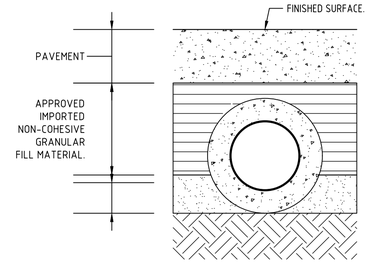
DESIGN CALCULATIONS AS PER AS3500.3-2021

A) PRE-DEVELOPED:
-TOTAL APPLICABLE CATCHMENT AREA (A) = $315m^2$
-RAINFALL INTENSITY (It) = 148 mm/hr (5min- 5% AEP)
-Cp = RUNOFF COEFFICIENT FOR PERVIOUS AREA = 0.3
-Ap = TOTAL PERVIOUS GRASS AREA = $315m^2$
-TOTAL FLOW Q^{PRE} = (Cr Ar +Ci Ai + Cp Ap). It / 3600 = 3.89 l/s

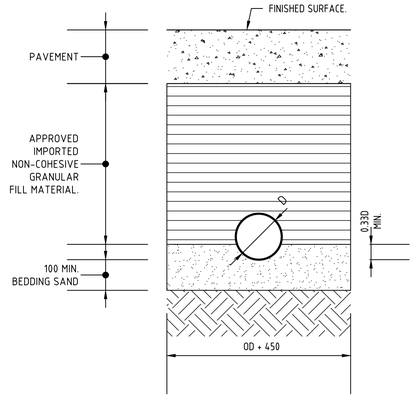
B) POST-DEVELOPED:
-TOTAL APPLICABLE CATCHMENT AREA (A) = $315m^2$
-RAINFALL INTENSITY (It) = 148 mm/hr (5min -5% AEP)
-Cr = RUNOFF COEFFICIENT FOR ROOFED AREA = 1.0
-Ar = TOTAL ROOFED AREA=315 m^2
-TOTAL FLOW Q^{POST} = (Cr Ar +Ci Ai + Cp Ap). It / 3600 = 12.86 l/s

C) OSD CALCULATION
- REQUIRED OSD VOLUME = (12.86-3.89)x5x60/1000= 2691L
- ALLOW 3,000L FOR OSD STORAGE PER WATER TANK (OR DIVERT TO DAM).
- REQUIRED CONTROL FLOW FROM TANK = 13.94l/s

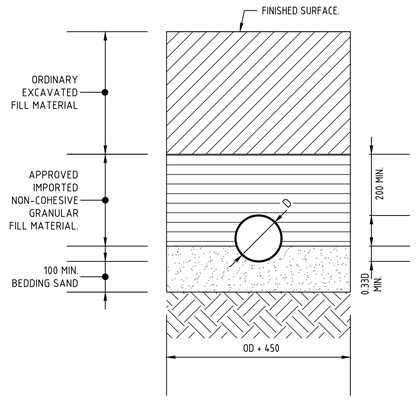
INSPECTION HOLD POINTS
1. INSTALLATION OF SEDIMENT & EROSION CONTROL MEASURES.
2. WATER & SEWER LINE INSTALLATION PRIOR TO BACKFILL.
3. ESTABLISHMENT OF LINE & LEVEL FOR KERB & GUTTER PLACEMENT.
4. ROAD PAVEMENT CONSTRUCTION.
5. ROAD PAVEMENT SURFACING.
6. PRACTICAL COMPLETION.
SERVICES INSTALLATION
1. INSTALLATION OF ALL UNDERGROUND PIPES BE INSTALLED PRIOR TO INSTALLATION OF ROAD PAVEMENT.



TYPICAL PIPE ENCASEMENT
SCALE 1:10
NOTE: PIPE COLLAR IS NOT TO REST ON ORIGINAL MATERIAL



TYPICAL SECTION TRENCH IN ROADWAY
SCALE 1:10
NOTE: PIPE COLLAR IS NOT TO REST ON ORIGINAL MATERIAL



TYPICAL SECTION EARTH FOUNDATION TRENCH
SCALE 1:10
NOTE: PIPE COLLAR IS NOT TO REST ON ORIGINAL MATERIAL

SUBMISSION FOR DA

barnson. DESIGN . PLAN . MANAGE

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CIVIL DESIGN DOCUMENTATION
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MOUNT FROME NSW 2850
Client
WILD MODULAR

Drawing Title
STORMWATER SPECIFICATIONS

Design LM
Drawn JS
Check LM
Original Sheet Size A1
Revision D
Certification
Project No 47299
Drawing No C51