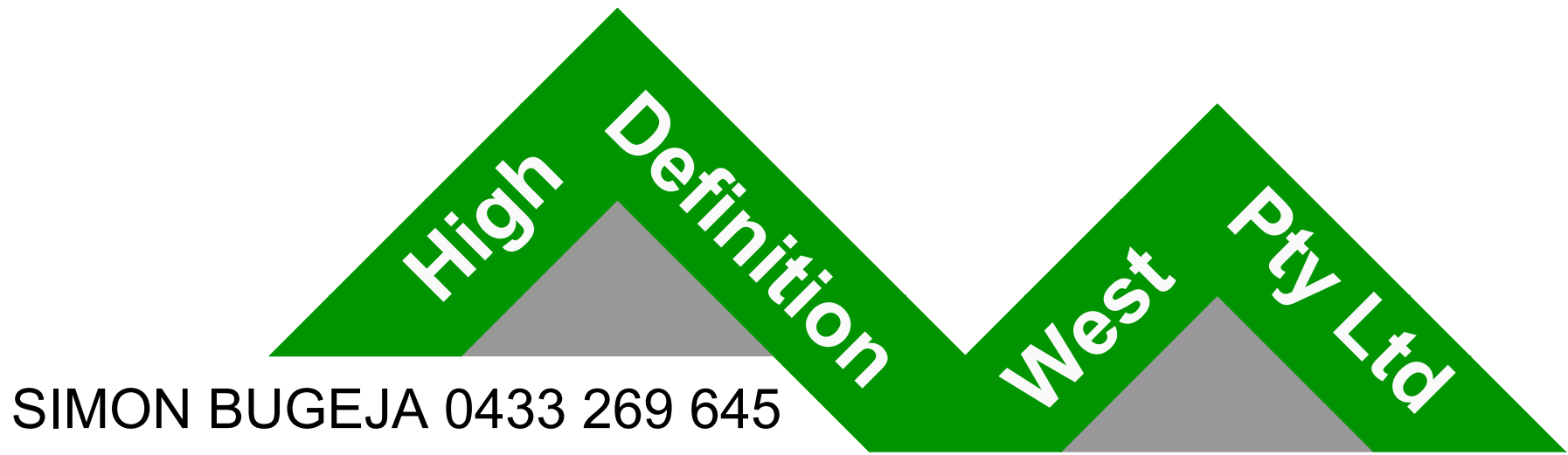
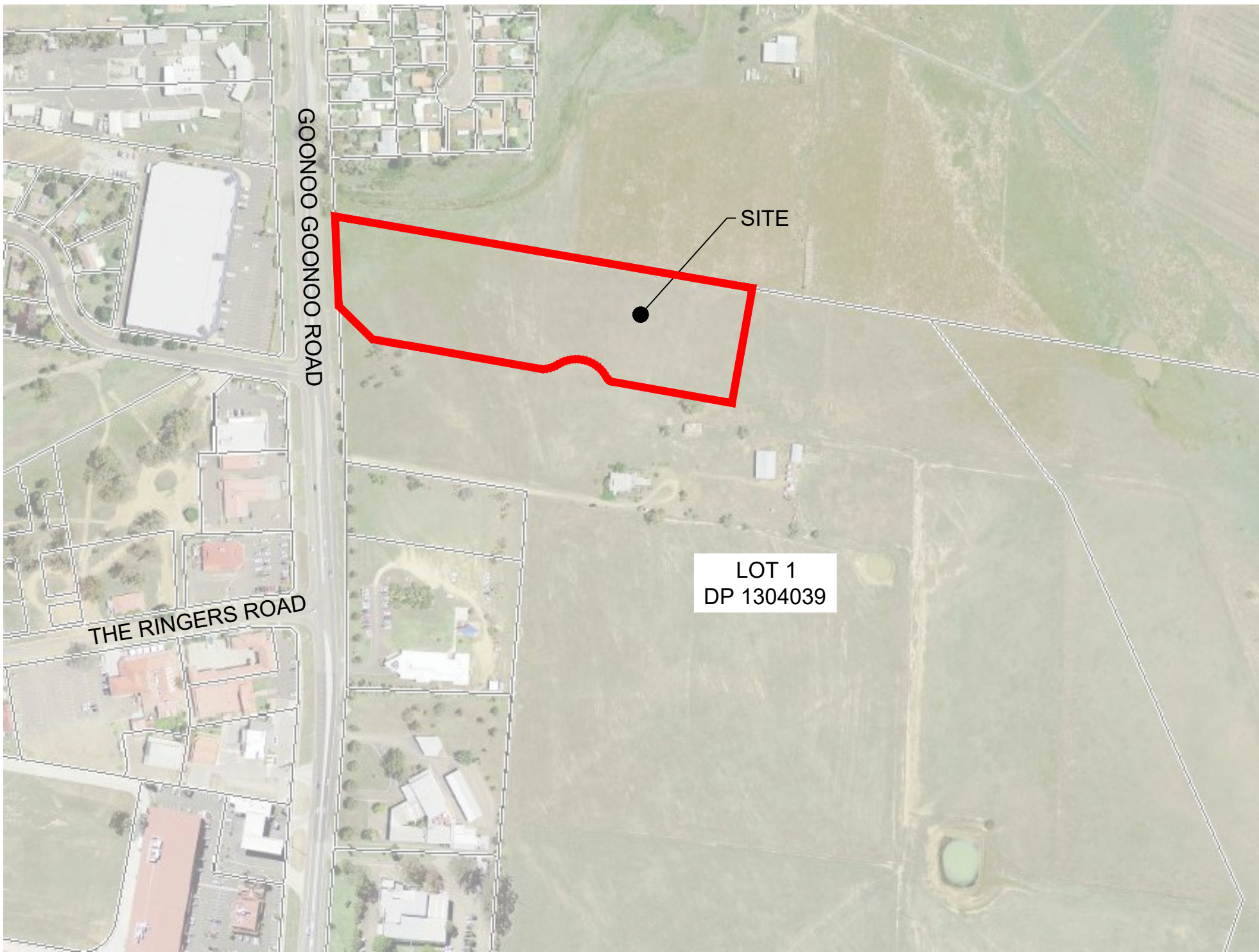


PROPOSED COMMERCIAL DEVELOPMENT HOMEMAKER CENTRE

PROPOSED LOT 201 AND 202 OF LOT 1 DP1304039
GOONOO GOONOO ROAD

DRAWING SCHEDULE		JOB NUMBER HDW69
DATE - 12 FEBRUARY 2025		
DWG No.	SHEET TITLE	REVISION
DA-00	COVER SHEET	2
DA-01	PROJECT NOTES	2
DA-02	EXISTING SITE	2
DA-03	OVERALL SITE LAYOUT	2
DA-04	PROPOSED DEVELOPMENT - SHEET 1	2
DA-05	PROPOSED DEVELOPMENT - SHEET 2	2
DA-06	SITE CUT FILL	2
DA-07	SITE SECTIONS - SHEET 1	2
DA-08	SITE SECTIONS - SHEET 2	2
DA-09	SITE SECTIONS - SHEET 3	2
DA-10	EROSION AND SEDIMENT CONTROL PLAN	2
DA-11	EROSION AND SEDIMENT CONTROL DETAILS AND NOTES	2



FOR DEVELOPMENT APPLICATION

GENERAL NOTES

- CONSTRUCTION IS TO BE CARRIED OUT IN SYMPATHY WITH OTHER CONSTRUCTION WORK RELATED TO THIS PROJECT.
- ALL EARTHWORKS TO BE CARRIED OUT IN ACCORDANCE WITH AS 3798 GUIDELINES ON EARTHWORKS FOR COMMERCIAL AND RESIDENTIAL DEVELOPMENTS.
- THE CONTRACTOR IS TO PROVIDE AND MAINTAIN ALL SAFETY PRECAUTIONARY MEASURES WITHIN AND AROUND THE WORK SITE IN ACCORDANCE WITH THE WORK HEALTH AND SAFETY ACT.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ACCURATE SETTING OUT OF THE WORKS REQUIRED.
- THE CONTRACTOR SHALL DURING HIS OPERATIONS TAKE CARE TO AVOID DAMAGING ANY EXISTING STRUCTURE OR SURFACES WITHIN THE WORK SITE. THE CONTRACTOR SHALL MAKE GOOD ANY DAMAGE AS A RESULT OF THEIR OPERATIONS.
- ALL CONSTRUCTION IS TO BE IN ACCORDANCE WITH THESE DRAWINGS, CONTRACT SPECIFICATION AND COUNCILS ENGINEERING DESIGN GUIDELINES FOR SUBDIVISIONS & DEVELOPMENTS.
- NO TREES ARE TO BE REMOVED OTHER THAN THOSE AFFECTED BY ROAD, LAND FILL (OR CUT) OR DRAINAGE WORKS. THE PROJECT SUPERINTENDENT WILL DETERMINE WHETHER TREES ARE DEEMED TO BE AFFECTED BY THIS CLAUSE.
- INSPECTION AND APPROVAL OF THE WORKS IS REQUIRED BY SUPERINTENDENT AT THE FOLLOWING STAGES:
 - WHEN DRAINAGE LINES HAVE BEEN LAID, JOINTED AND BEDDED PRIOR TO BACKFILLING.
 - WHEN ROADWORKS HAVE BEEN EXCAVATED TO SUBGRADE LEVEL PRIOR TO PLACEMENT OF PAVEMENT MATERIAL.
 - WHEN PART (AS SPECIFIED BY COUNCILS SUPERVISING ENGINEER) THE PAVEMENT DEPTH HAS BEEN INSTALLED I.E. SUBBASE & BASE LAYERS .
 - AT COMPLETION OF PAVEMENT SHAPING AND CONSOLIDATION PRIOR TO LAYING OF WEARING COURSE.
 - AT COMPLETION OF ALL WORK
- NOTE: A MIN 24 HOURS NOTICE IS REQUIRED FOR ALL INSPECTIONS SERVICES WHERE SHOWN ON THE PLAN ARE APPROX. ONLY AND HAVE BEEN LOCATED FROM SITE INVESTIGATION AND THE RELEVANT AUTHORITY. ALL SERVICES ARE TO BE VERIFIED BY THE CONTRACTOR ON SITE PRIOR TO CONSTRUCTION.
- WHERE UNDERGROUND OR OVERHEAD SERVICES EXIST, THE CONTRACTOR SHALL ENSURE THAT SUCH CABLES AND/OR SERVICES ARE NOT DISPLACED OR DAMAGED AS A RESULT OF THEIR OPERATIONS.
- WHERE NECESSARY THE CONTRACTOR SHALL LIAISE WITH ESSENTIAL ENERGY & TELSTRA (& ITS CONTRACTOR)
- ANY ADJUSTMENT TO PUBLIC UTILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR.
- PUBLIC UTILITIES SERVICES (STORMWATER, SEWER, WATER, GAS, ELECTRICITY, TELEPHONE, ETC) REQUIRED TO BE INSTALLED IN CONJUNCTION WITH THE WORK, ARE TO BE INSTALLED PRIOR TO THE LAYING OF ANY OTHER ROAD PAVEMENT MATERIAL. A SMOOTH JUNCTION IS TO BE PROVIDED WITH EXISTING WORK.
- UNSUITABLE MATERIAL IS TO BE REMOVED FROM ROADS AND LOTS PRIOR TO FILLING.
- STRIP AND STOCKPILE TOPSOIL FROM ROADWAYS AND SITE REGRADING AREAS AND RE-SPREAD ON BATTERS AND FILL AREAS TO A MAXIMUM DEPTH OF 300MM WITH A MINIMUM DEPTH OF 100MM.
- DURING CONSTRUCTION NOTIFY THE SUPERINTENDENT IF ANY QUERIES ARISE - NEVER ASSUME.
- LIMIT OF CONSTRUCTION TO BE AS SHOWN ON PLANS.
- ALL REDUCED LEVELS ARE A.H.D METRES, ALL CHAINAGES ARE IN METRES.
- CONTRACTOR TO VERIFY WITH ENGINEER PRIOR TO RECYCLED MATERIALS BEING USED ON SITE.
- TEMPORARY UTILITY WORKS (STORMWATER, SEWER, WATER, GAS, ELECTRICITY, TELEPHONE, ETC) ARE THE RESPONSIBILITY OF THE CONTRACTOR FOR ALL EXISTING SERVICES.
- THE ENTIRE SITE IS TO BE LEFT IN A TIDY STATE TO THE SATISFACTION OF THE SUPERINTENDENT AT THE COMPLETION OF ALL WORKS.

PRIOR TO COMMENCEMENT OF WORK

- PRODUCE INSURANCES AND COMPANY REGISTRATION REQUIRED AS PER CONTRACT DOCUMENTATION.
- HAVE SITE MEETING WITH PROJECT MANAGEMENT AND SITE ENGINEER.
- INSTALL SEDIMENT AND EROSION CONTROL DEVICES IN ACCORDANCE WITH APPROVED SEDIMENT AND EROSION MANAGEMENT CONTROL PLAN.
- THE CONTRACTOR IS TO VERIFY THE LOCATION AND LEVEL OF ALL EXISTING SERVICES BEFORE COMMENCING CONSTRUCTION.
- BE AWARE OF THE FOLLOWING:
 - THESE NOTES DO NOT REPLACE COUNCILS ENGINEERING DESIGN GUIDELINES.
 - THE NEED FOR THE PROVISION OF A WORK-AS-EXECUTED PLAN AND SUPERVISION BY THE PERSON DOING THE WORK-AS-EXECUTED PLAN.
 - ERRORS AND OVERSIGHTS ON PLANS ARE TO BE RECTIFIED AT THE SUPERINTENDENT'S DISCRETION.
 - TEST RESULTS ARE TO BE SENT TO THE SUPERINTENDENT UPON RECEIPT - IMMEDIATELY.
 - PROPOSED VARIATIONS TO THE PLANS ARE TO BE REFERRED BACK TO THE SUPERINTENDENT FOR APPROVAL IN ACCORDANCE WITH THE WORKS CONTRACT BEFORE UNDERTAKING WORKS.
 - THE CONTRACTOR SHOULD BE AWARE THAT IF HE PROVIDES THE MAINTENANCE BOND ON BEHALF OF THE PRINCIPAL, THEN IF THIS IS THE ONLY BOND HELD, IT WILL BE USED TO GUARANTEE PERFORMANCE OF ALL WORK REQUIRED FOR THE DEVELOPMENT, REGARDLESS OF WHO WAS RESPONSIBLE FOR CARRYING OUT THE WORK.
- UNDERTAKE A DIAL-BEFORE-YOU-DIG SEARCH AND IDENTIFY AND LOCATE ALL EXISTING SERVICES AND UTILITIES ON-SITE.

STORMWATER DRAINAGE NOTES

- ALL STORMWATER DRAINAGE TO BE CONSTRUCTED IN ACCORDANCE TAMWORTH REGIONAL COUNCIL ENGINEERING DESIGN GUIDELINES AND STANDARD DRAWINGS.
- ALL R.C. STORMWATER PIPES TO BE CLASS 3 U.N.O.
- ALL uPVC STORMWATER PIPES TO BE CLASS SH U.N.O.
- ALL STORMWATER PIPES TO BE RUBBER RING JOINTED.
- PIPE BEDDING AND BACKFILL SHALL BE IN ACCORDANCE WITH TAMWORTH REGIONAL COUNCIL STANDARDS.
- TYPE 3 BEDDING TO BE USED TO ALL STORMWATER PIPES UNLESS NOTED OTHERWISE.
- MINIMUM TRENCH WIDTH = OUTSIDE DIAMETER OF COLLAR + 200MM
- PIPES IN FILL GROUND ARE TO BE PLACED AFTER COMPACTION AND APPROVAL OF FILLING.
- FINAL LID AND GRATE LEVELS OF MANHOLES AND PITS TO BE ADJUSTED ON SITE TO SUIT ALL EARTHWORKS AND FINISHED SURFACE LEVELS.
- UNLESS NOTED OTHERWISE, A MINIMUM COVER OF 600mm SHALL BE MAINTAINED OVER ALL STORMWATER PIPES UNDER ROADWAYS AND A MINIMUM COVER OF 450mm SHALL BE MAINTAINED FOR ALL INTER-ALLOTMENT DRAINAGE.
- ALL REINFORCED CONCRETE IN STRUCTURES TO BE 32MPa REINFORCEMENT TO BE IN ACCORDANCE WITH AS1302.

EROSION AND SEDIMENT CONTROL

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF ALL TEMPORARY SEDIMENT & CONTROL MEASURES.
- ALL EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH DEVICES IN ACCORDANCE WITH THE APPROVED SEDIMENT AND EROSION MANAGEMENT CONTROL PLAN AND 'THE BLUE BOOK' LANDCOM - MANAGING URBAN STORMWATER:SOILS AND CONSTRUCTION .
- AT START OF CONSTRUCTION ALL TOPSOIL TO BE REMOVED AND STOCKPILED AWAY FROM CONSTRUCTION. N.B - TOPSOIL HEAPS TO BE PROTECTED WITH SILT FENCING TO PREVENT TOPSOIL LOSS.
- AT COMPLETION OF CONSTRUCTION TOPSOIL TO BE REPLACED ON BATTERS, DRAINS AND ALL OTHER DISTURBED AREAS 100-150mm THICK. ALL WATER COURSES TO BE TURFED. GRASS SPECIES OR SPECIES BLEND TO BE DETERMINED BY LOCAL SUPPLIERS AND BASED ON CLIMATE AT TIME OF SEEDING. OTHER AREAS TO BE HYDROMULCHED OR SEEDED AND FERTILIZED AS SPECIFIED BY THE SUPERINTENDENT.

TRAFFIC CONTROL

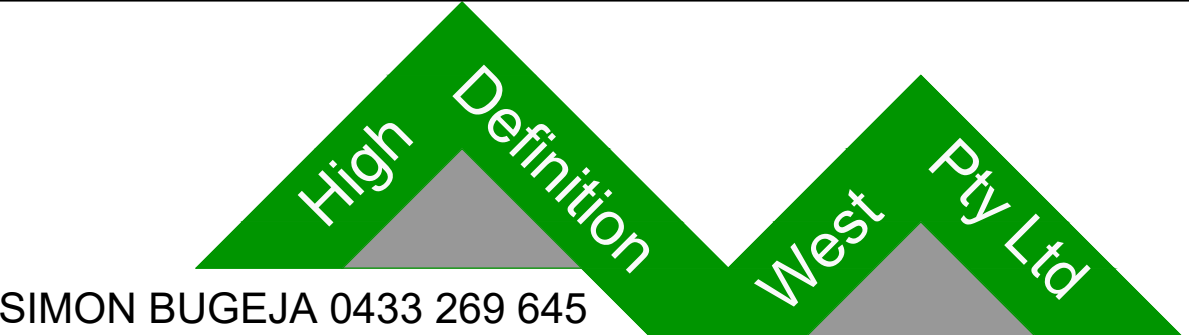
- THE CONTRACTOR IS TO PROVIDE AND MAINTAIN TRAFFIC CONTROL MEASURES DURING CONSTRUCTION WHEN REQUIRED IN ACCORDANCE WITH AS1742.3
- CONTRACTOR TO SATISFY COUNCIL AND RMS REQUIREMENTS WITH RESPECT TO WORKING ON PUBLIC AND ARTERIAL ROADS WHEN REQUIRED.
- THE CONTRACTOR IS TO PROVIDE A TRAFFIC CONTROL PLAN, SPEED ZONE RESTRICTION AND ROAD OCCUPANCY LICENCE AS REQUIRED FOR APPROVAL BY THE SUPERINTENDENT AND LOCAL AUTHORITIES PRIOR TO WORKS COMMENCING.

PAVEMENT DETAILS

- ALL PAVEMENTS TO BE CONSTRUCTED IN ACCORDANCE WITH THE SPECIFIED DESIGN AND COUNCILS ENGINEERING DESIGN GUIDELINES.
 - ALL DIMENSIONS ON PAVEMENT ARE IN MILLIMETRES.
 - BASE AND SUB BASE MATERIALS FROM APPROVED UNBOUND NATURAL GRAVELS.
 - PAVEMENTS ARE TO BE CONSTRUCTED TO THE CHAINAGES SHOWN UNLESS DIRECTED OTHERWISE.
 - TRANSITION CHANGES IN GRAVEL COURSES OVER 10 METRES.
 - IF THE ACTUAL SUBGRADE CBR IS FOUND TO BE LESS THAN THAT INDICATED ON THE DRAWINGS, THE TEST RESULTS SHOULD BE SUBMITTED TO THE SUPERINTENDENT WITHIN 24 HOURS OF RECEIPT. PAVEMENT REDESIGN SHALL BE OBTAINED FROM THE SUPERINTENDENT BEFORE CONSTRUCTION PROCEEDS.
 - PAVEMENT TESTING TO BE CARRIED OUT IN ACCORDANCE WITH SUPERINTENDENT'S REQUIREMENTS AT THE FOLLOWING STAGES:
 - SUBGRADE - DENSITY AND PROOF ROLL TESTS AS REQUESTED.
 - AT INTERMEDIATE LEVELS (IF REQUIRED BY SUPERINTENDENT) - DENSITY AND BENKLEMAN BEAM TEST.
 - AT FINISHED PAVEMENT LEVEL - DENSITY TESTS
- PAVEMENT TESTING NOTES:
- THE PROOF ROLL TEST WILL BE CARRIED OUT BY SUPERVISING ENGINEER.
 - DENSITY TEST, AND CBR TESTS ARE TO BE CARRIED OUT BY A NATA REGISTERED LABORATORY).
 - 'STANDARD' COMPACTION TESTING TO BE USED.
- IN RELATION TO ROAD PAVEMENT CONSTRUCTION & SUBJECT TO APPROVAL OF THE SUPERINTENDENT:
 - ANY SUBGRADE MATERIAL THAT STILL EXHIBITS SIGNIFICANT DEFLECTION AFTER PROOF ROLLING WILL REQUIRE REMOVAL AND REPLACEMENT WITH SUITABLE MATERIAL.
 - SHOULD SOLID ROCK BE ENCOUNTERED AT A LEVEL ABOVE THE DESIGN SUBGRADE LEVEL THEN GRAVEL PAVEMENT DEPTHS MAY BE VARIED WITH THE APPROVAL OF THE SUPERINTENDENT.

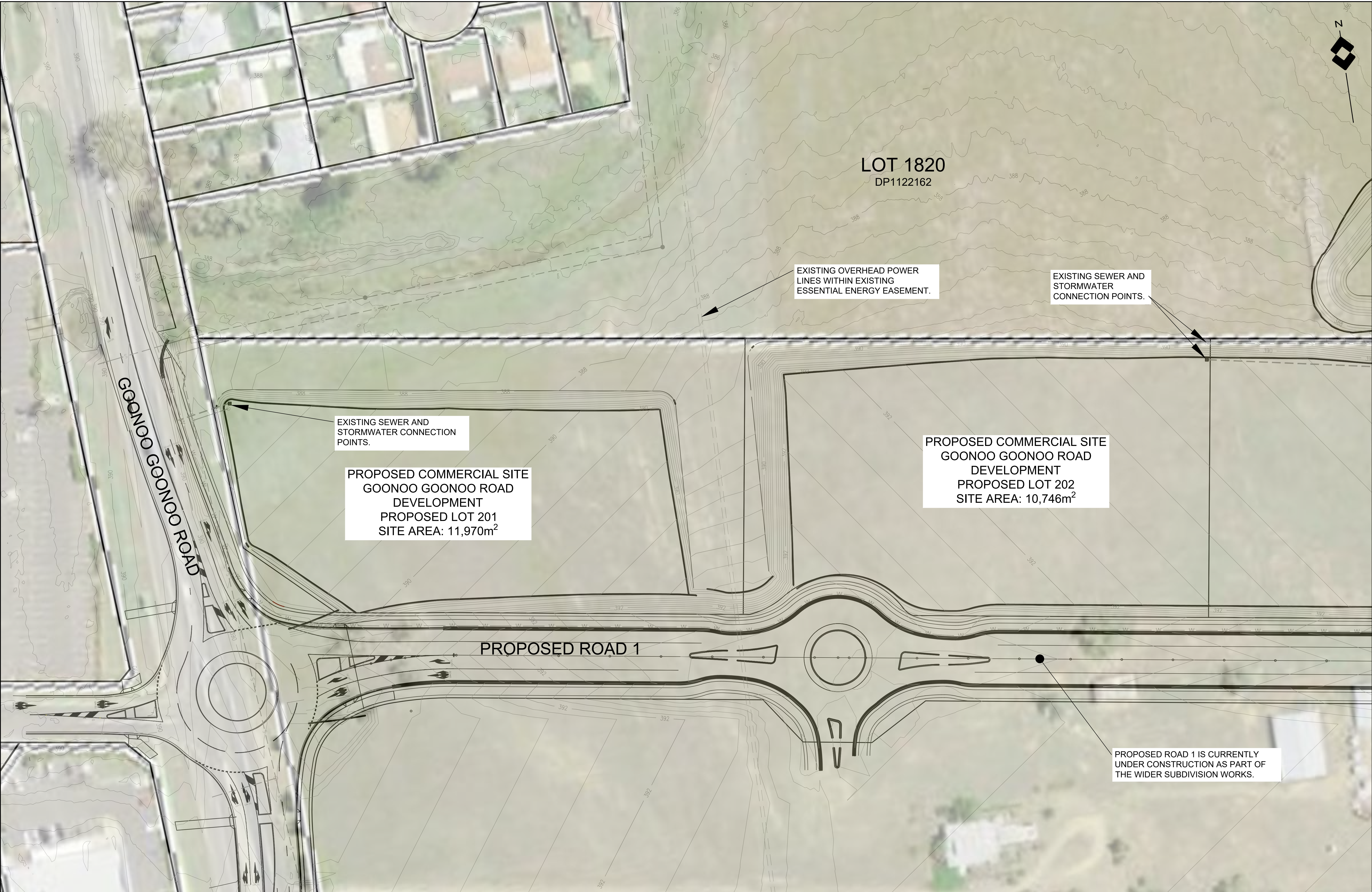
TITLE: PROPOSED COMMERCIAL DEVELOPMENT
LOT 201 AND 202 GOONOO GOONOO ROAD
PROJECT NOTES

CLIENT: GNOO GNOO ROAD PTY LTD



NOTE:
ALL EXISTING UNDERGROUND SERVICES MUST BE LOCATED AND EXPOSED PRIOR TO EARTHWORKS COMMENCING AND IT IS RESPONSIBILITY OF THOSE PERSONS USING THIS PLAN TO CONFIRM BOTH POSITION AND LEVEL OF THESE UTILITIES IN CONJUNCTION WITH THE APPROPRIATE AUTHORITY.

Date:	11.02.25	Scale:	-	Designed:	SB	Project No	
Cad Ref:		HDW69 - Lot 201-202 DA Servicing R2		HDW-69			
						Drawing No	Revision
2	ISSUED FOR APPROVAL	SB	12.02.25				
1	CLIENT REVIEW ISSUE	SB	11.02.25				
No	Amendment	Drawn	Date			DA-01	2



TITLE: PROPOSED COMMERCIAL DEVELOPMENT
LOT 201 AND 202 GOONOO GOONOO ROAD
EXISTING SITE

CLIENT: GNOO GNOO ROAD PTY LTD

High Definition

West Pty Ltd

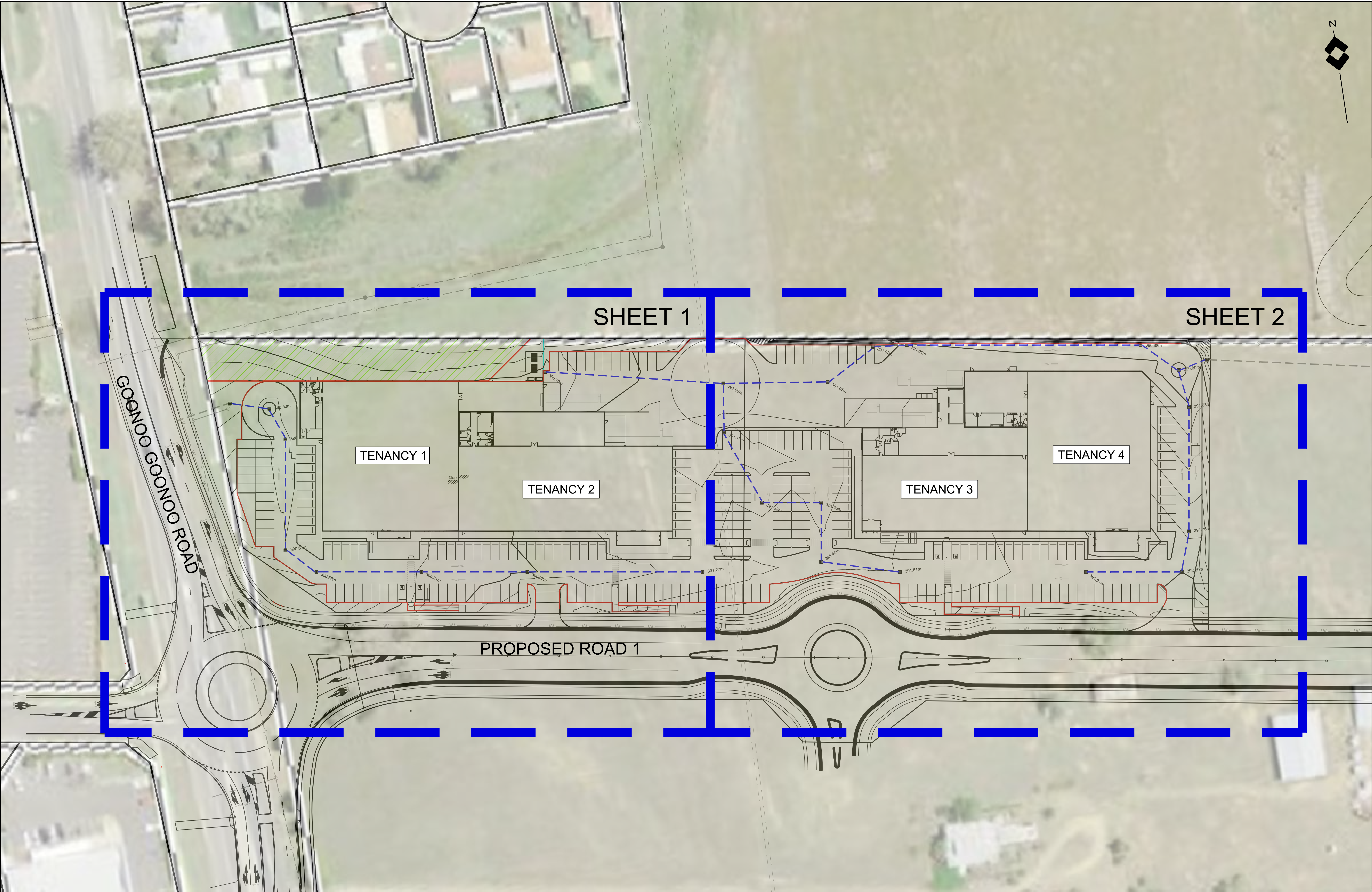
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NOTE:
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Cad Ref: HDW69 - Lot 201-202 DA Servicing R2						HDW-69	
2	ISSUED FOR APPROVAL			SB	12.02.25	Drawing No	Revision
1	CLIENT REVIEW ISSUE			SB	11.02.25	DA-02	2
No	Amendment			Drawn	Date		



TITLE: PROPOSED COMMERCIAL DEVELOPMENT
LOT 201 AND 202 GOONOO GOONOO ROAD
OVERALL SITE LAYOUT

CLIENT: GNOO GNOO ROAD PTY LTD

High Definition

West Pty Ltd

SIMON BUGEJA 0433 269 645

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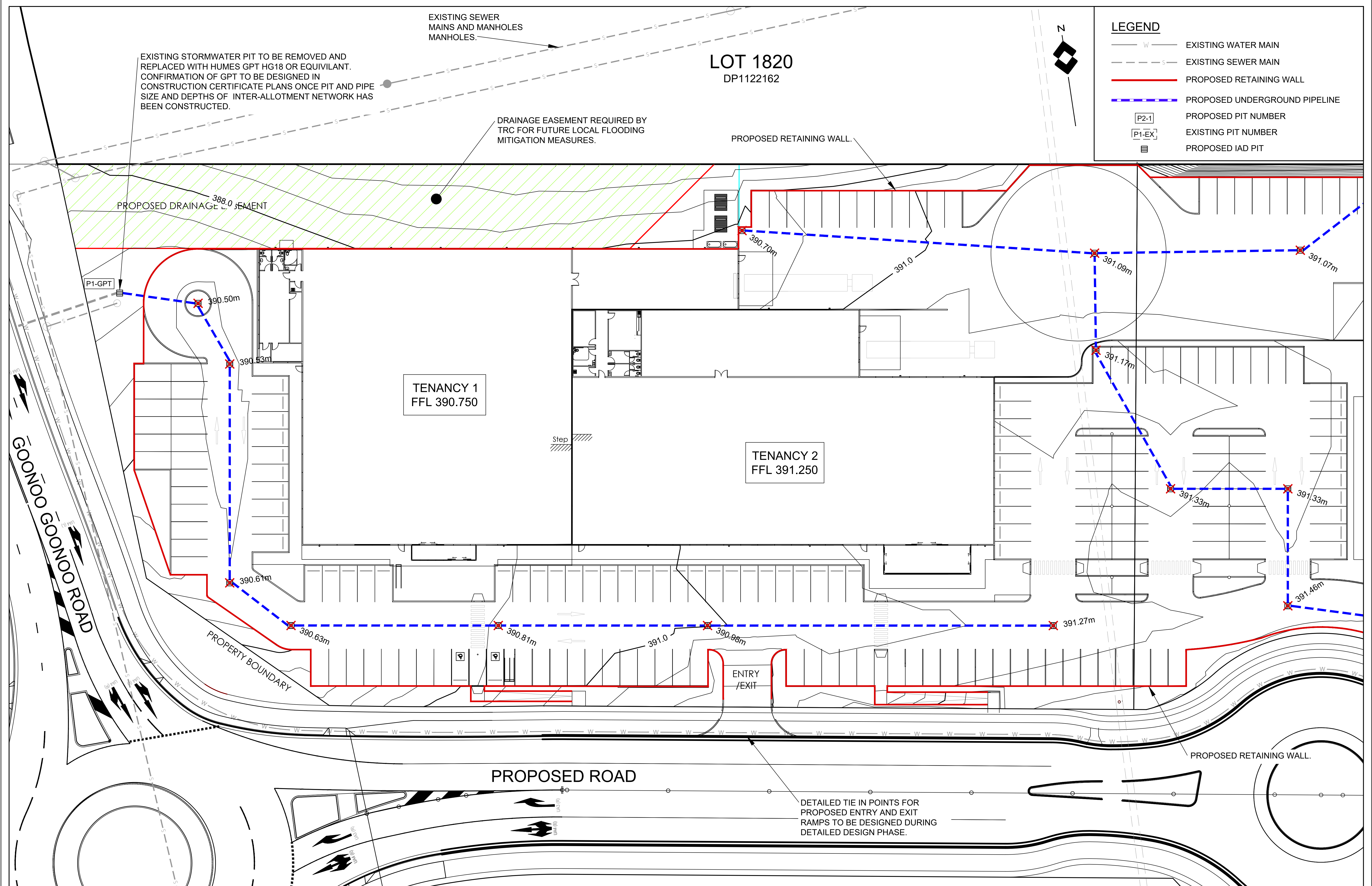
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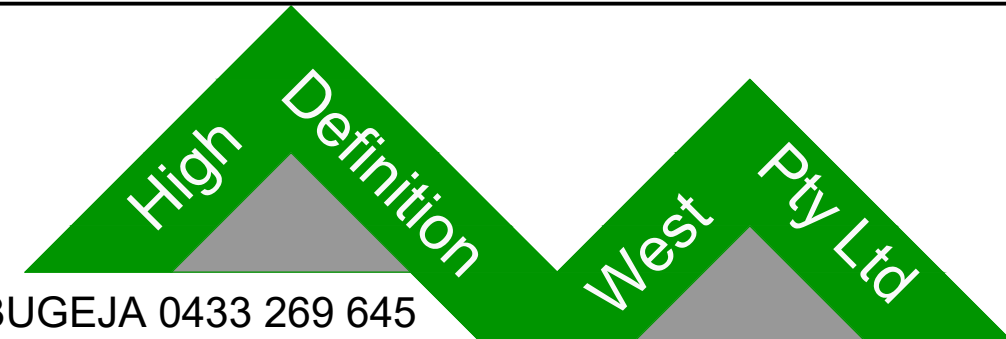
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Cad Ref: HDW69 - Lot 201-202 DA Servicing R2						HDW-69	
2	ISSUED FOR APPROVAL			SB	12.02.25	Drawing No	Revision
1	CLIENT REVIEW ISSUE			SB	11.02.25	DA-03	2
No	Amendment			Drawn	Date		



TITLE: PROPOSED COMMERCIAL DEVELOPMENT
LOT 201 AND 202 GOONOO GOONOO ROAD
PROPOSED DEVELOPMENT - SHEET 1

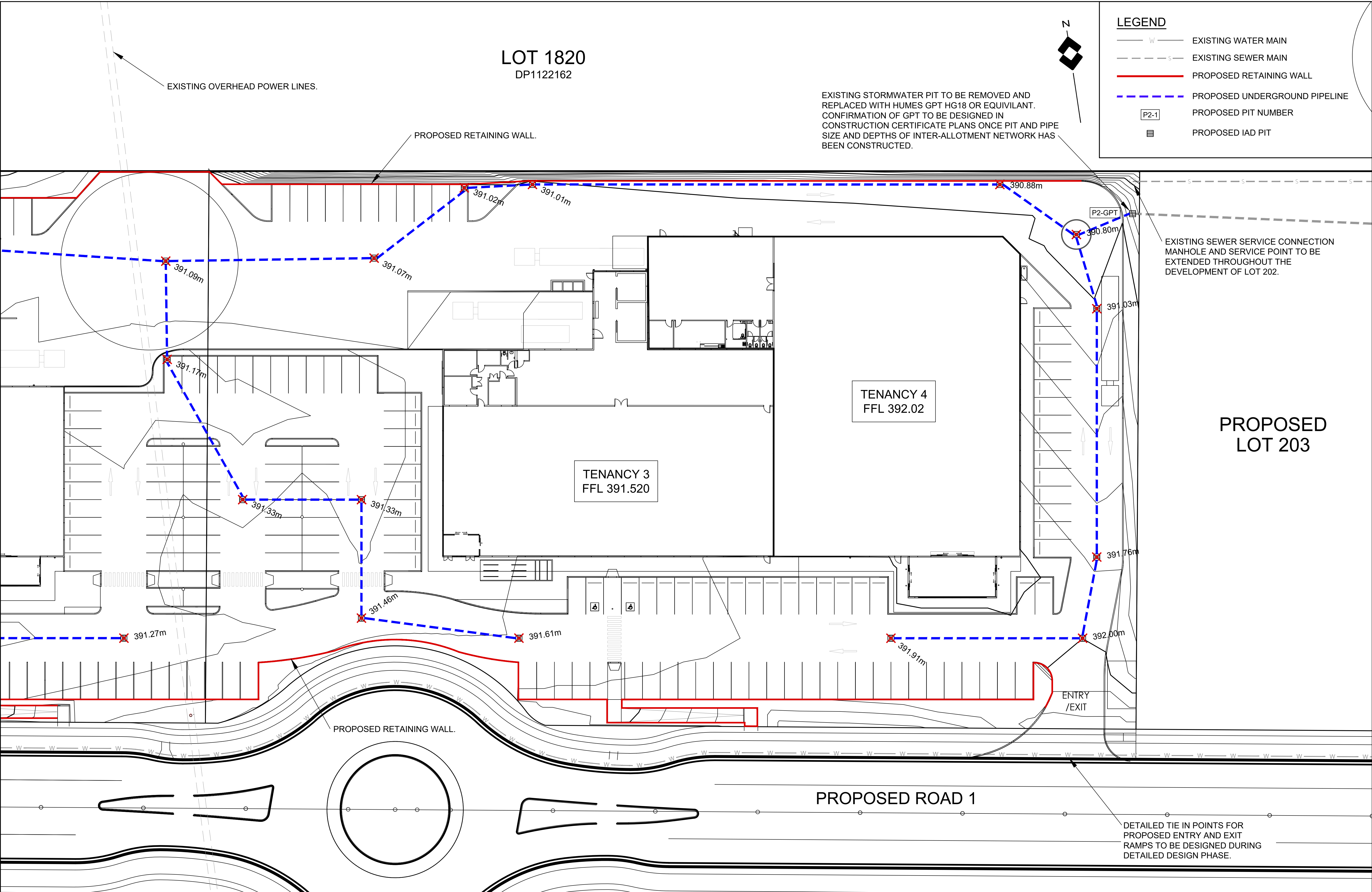
CLIENT: GNOO GNOO ROAD PTY LTD

SIMON BUGEJA 0433 269 645



NOTE:
ALL EXISTING UNDERGROUND SERVICES MUST BE
LOCATED AND EXPOSED PRIOR TO EARTHWORKS
COMMENCING AND IT IS RESPONSIBILITY OF THOSE
PERSONS USING THIS PLAN TO CONFIRM BOTH
POSITION AND LEVEL OF THESE UTILITIES IN
CONJUNCTION WITH THE APPROPRIATE AUTHORITY.

Date:	11.02.25	Scale:	1:250 A1	Designed:	SB	Project No	HDW-69
Cad Ref:	HDW69 - Lot 201-202 DA Servicing R2					Drawing No	DA-04
2	ISSUED FOR APPROVAL			SB	12.02.25	Revision	2
1	CLIENT REVIEW ISSUE			SB	11.02.25		
No	Amendment			Drawn	Date		



TITLE: PROPOSED COMMERCIAL DEVELOPMENT
LOT 201 AND 202 GOONOO GOONOO ROAD
PROPOSED DEVELOPMENT - SHEET 2

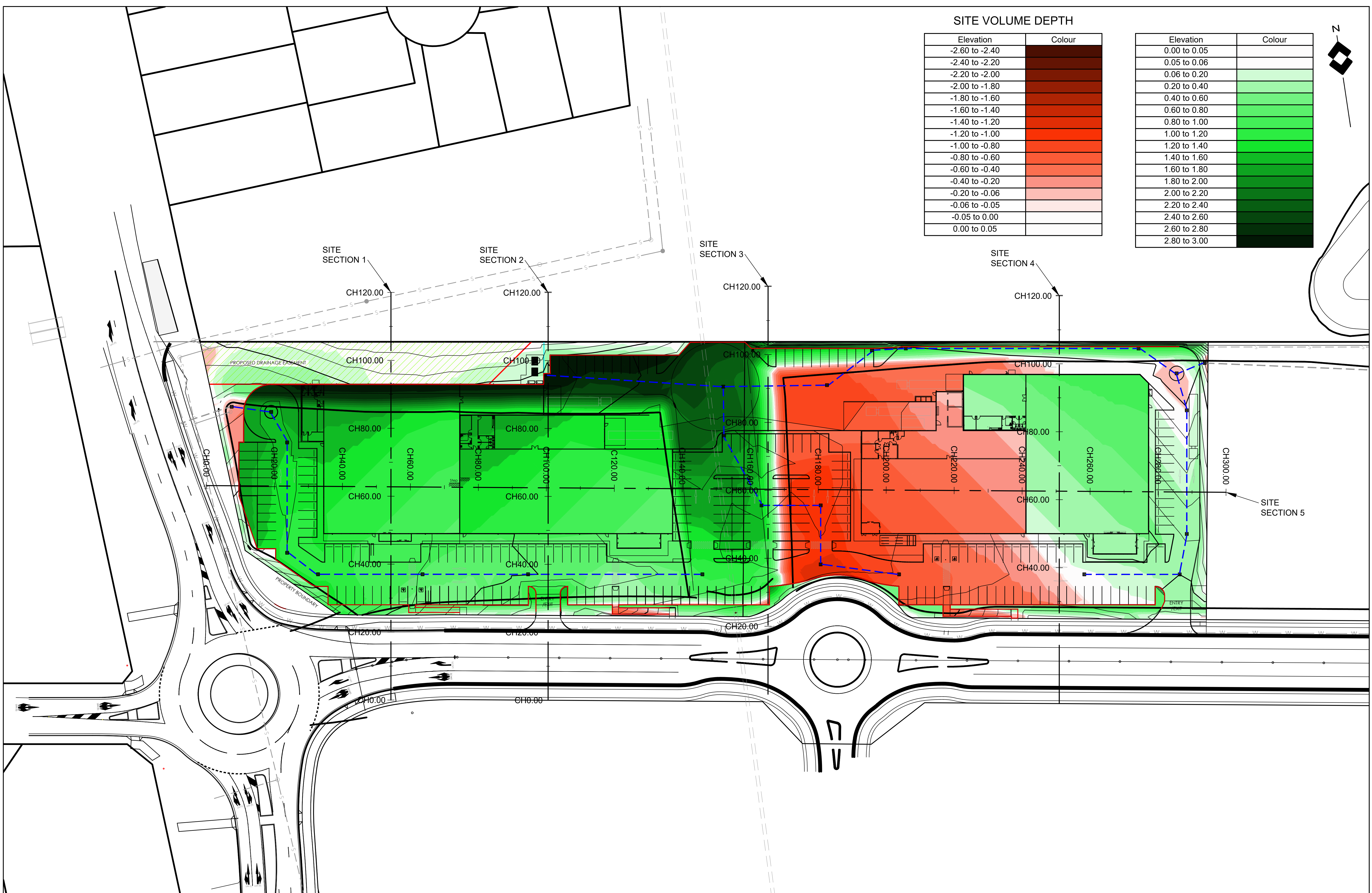
CLIENT: GNOO GNOO ROAD PTY LTD

High Definition
West Pty Ltd
SIMON BUGEJA 0433 269 645

NOTE:
ALL EXISTING UNDERGROUND SERVICES MUST BE LOCATED AND EXPOSED PRIOR TO EARTHWORKS COMMENCING AND IT IS RESPONSIBILITY OF THOSE PERSONS USING THIS PLAN TO CONFIRM BOTH POSITION AND LEVEL OF THESE UTILITIES IN CONJUNCTION WITH THE APPROPRIATE AUTHORITY.

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Cad Ref:	HDW69 - Lot 201-202 DA Servicing R2					Drawing No	DA-05	Revision
2	ISSUED FOR APPROVAL			SB	12.02.25			
1	CLIENT REVIEW ISSUE			SB	11.02.25			
No	Amendment			Drawn	Date	2		



SITE VOLUME DEPTH	
Elevation	Colour
-2.60 to -2.40	
-2.40 to -2.20	
-2.20 to -2.00	
-2.00 to -1.80	
-1.80 to -1.60	
-1.60 to -1.40	
-1.40 to -1.20	
-1.20 to -1.00	
-1.00 to -0.80	
-0.80 to -0.60	
-0.60 to -0.40	
-0.40 to -0.20	
-0.20 to -0.06	
-0.06 to -0.05	
-0.05 to 0.00	
0.00 to 0.05	

SITE VOLUME DEPTH	
Elevation	Colour
0.00 to 0.05	
0.05 to 0.06	
0.06 to 0.20	
0.20 to 0.40	
0.40 to 0.60	
0.60 to 0.80	
0.80 to 1.00	
1.00 to 1.20	
1.20 to 1.40	
1.40 to 1.60	
1.60 to 1.80	
1.80 to 2.00	
2.00 to 2.20	
2.20 to 2.40	
2.40 to 2.60	
2.60 to 2.80	
2.80 to 3.00	

TITLE: PROPOSED COMMERCIAL DEVELOPMENT
LOT 201 AND 202 GOONOO GOONOO ROAD
SITE CUT FILL

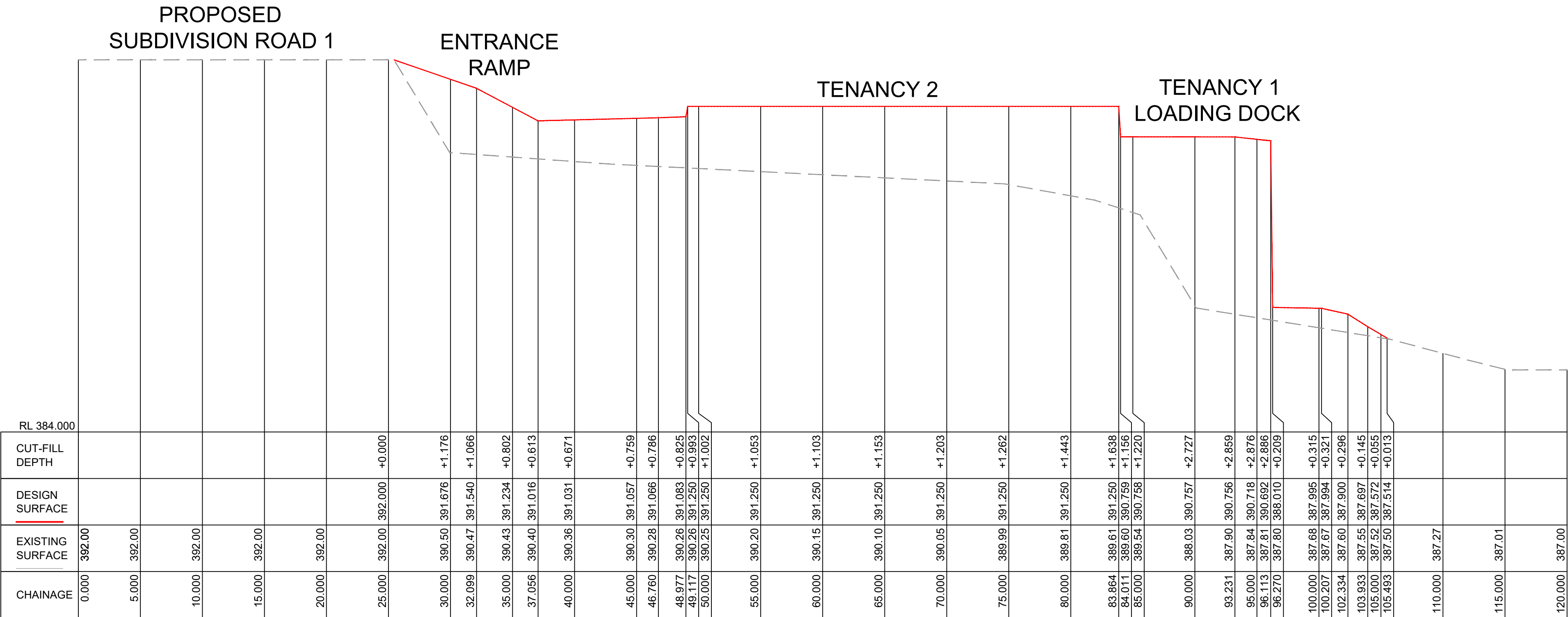
CLIENT: GNOO GNOO ROAD PTY LTD

High Definition
West Pty Ltd
SIMON BUGEJA 0433 269 645

NOTE:
ALL EXISTING UNDERGROUND SERVICES MUST BE
LOCATED AND EXPOSED PRIOR TO EARTHWORKS
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PERSONS USING THIS PLAN TO CONFIRM BOTH
POSITION AND LEVEL OF THESE UTILITIES IN
CONJUNCTION WITH THE APPROPRIATE AUTHORITY.

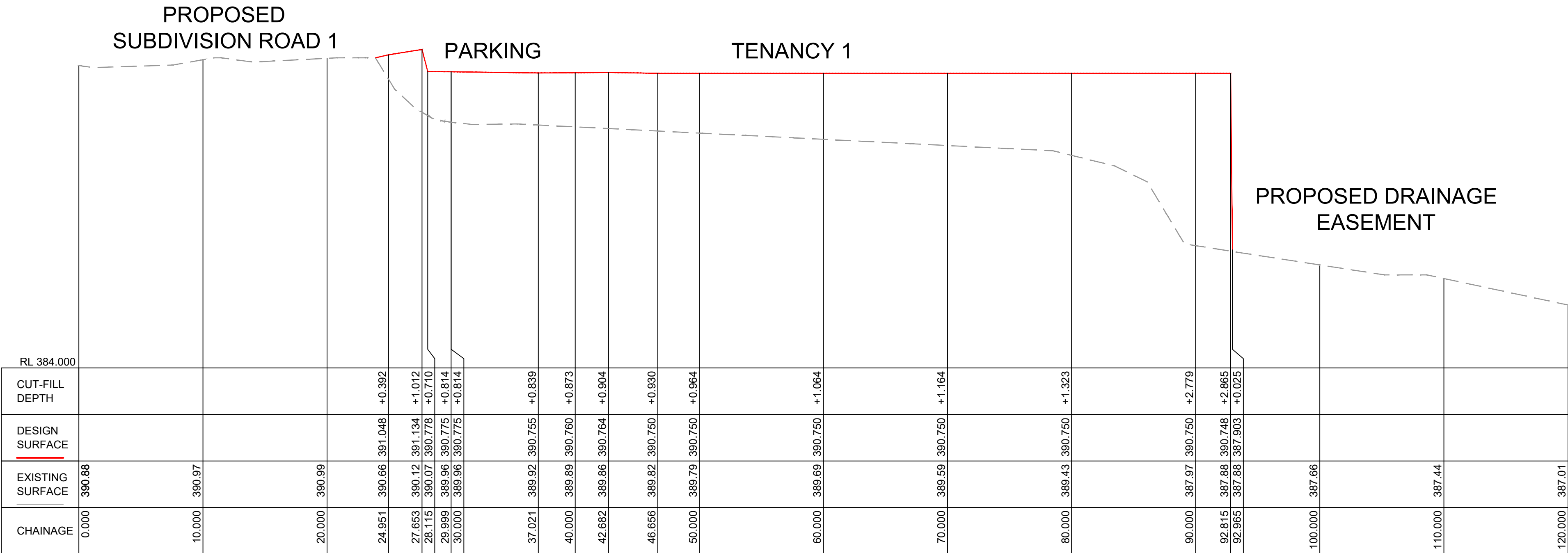
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Cad Ref: HDW69 - Lot 201-202 DA Servicing R2						HDW-69	
2	ISSUED FOR APPROVAL		SB	12.02.25	Drawing No		Revision
1	CLIENT REVIEW ISSUE		SB	11.02.25	DA-06		2
No	Amendment		Drawn	Date			



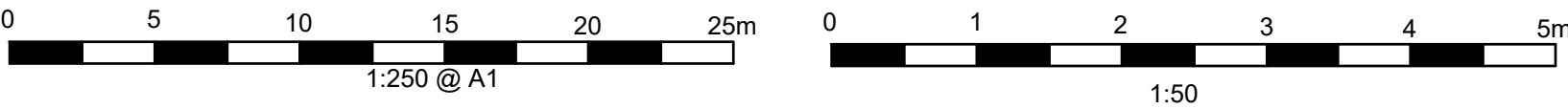
SITE SECTION 2

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SITE SECTION 1

SCALES: HORIZONTAL 1:250 VERTICAL 1:50



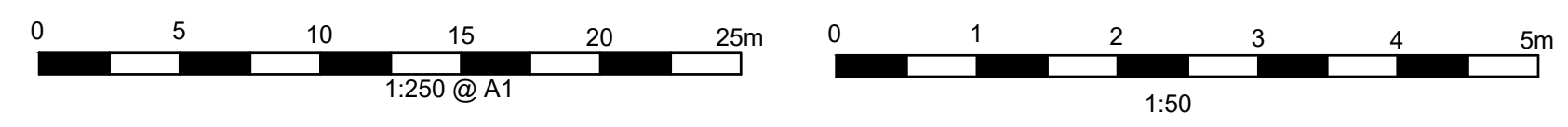
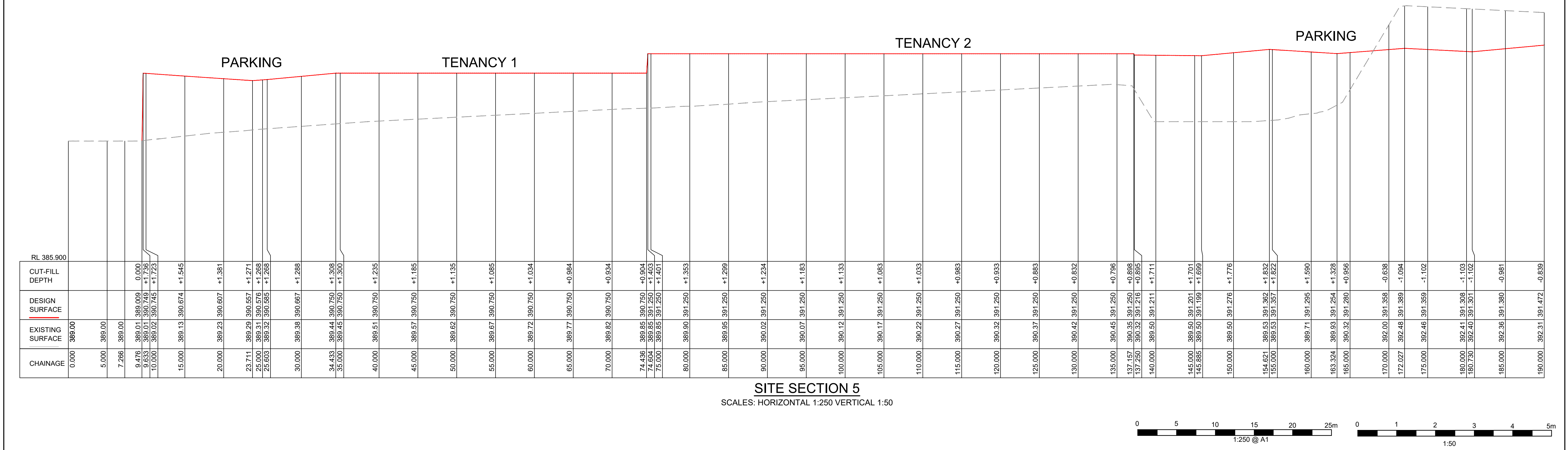
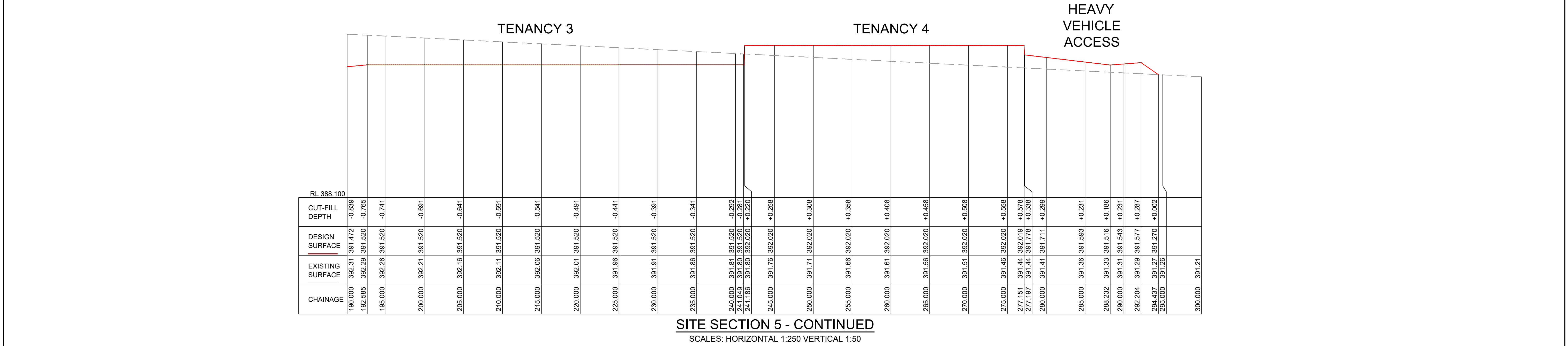
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LOT 201 AND 202 GOONOO GOONOO ROAD
SITE SECTIONS - SHEET 1

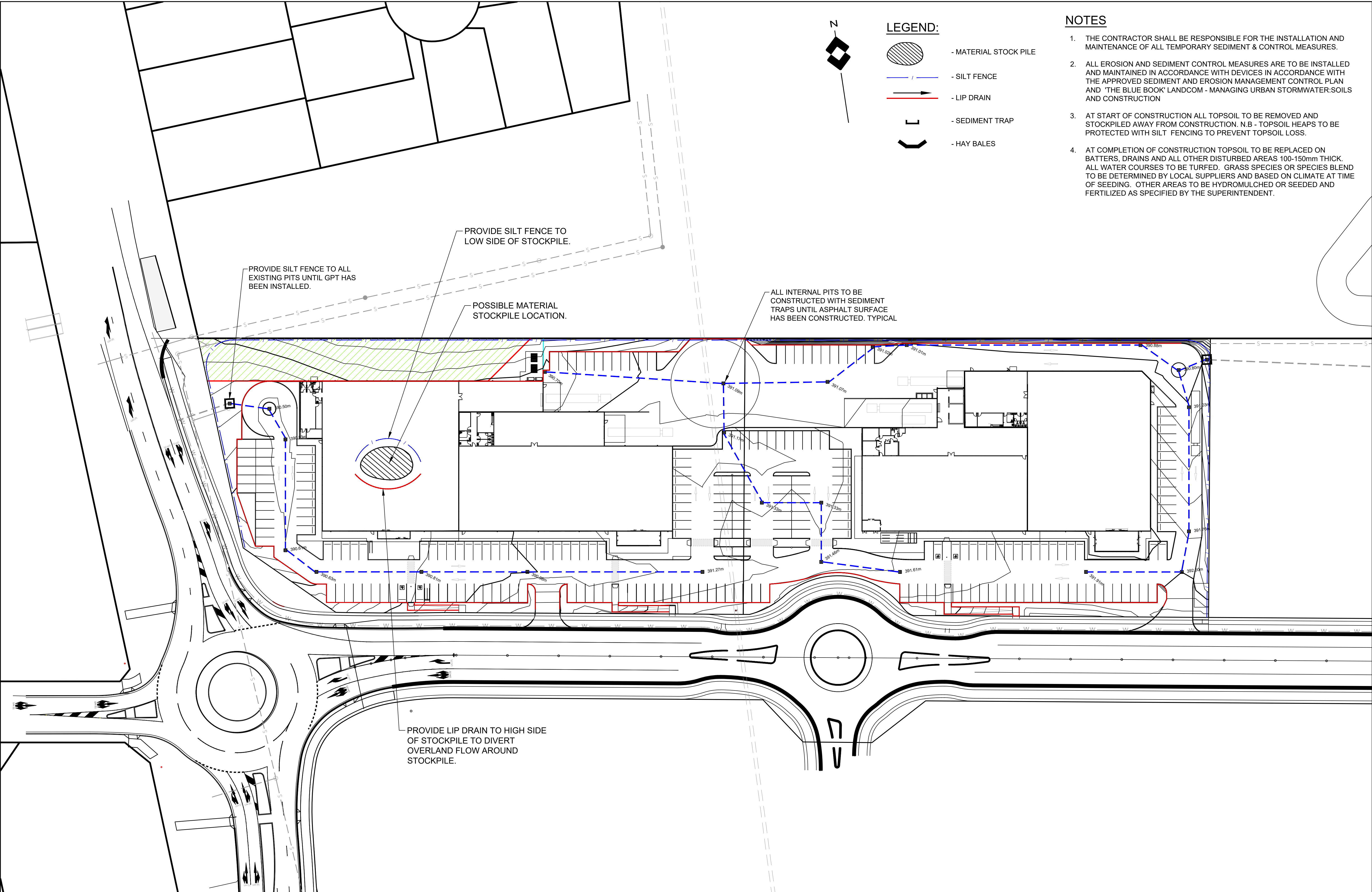
CLIENT: GNOO GNOO ROAD PTY LTD

High Definition
West Pty Ltd
SIMON BUGEJA 0433 269 645

NOTE:
ALL EXISTING UNDERGROUND SERVICES MUST BE LOCATED AND EXPOSED PRIOR TO EARTHWORKS COMMENCING AND IT IS RESPONSIBILITY OF THOSE PERSONS USING THIS PLAN TO CONFIRM BOTH POSITION AND LEVEL OF THESE UTILITIES IN CONJUNCTION WITH THE APPROPRIATE AUTHORITY.

Date:	11.02.25	Scale:	AS SHOWN	Designed:	SB	Project No	HDW-69
Cad Ref:	HDW69 - Lot 201-202 DA Servicing R2					Drawing No	DA-07
2	ISSUED FOR APPROVAL	SB	12.02.25			Revision	2
1	CLIENT REVIEW ISSUE	SB	11.02.25				
No	Amendment	Drawn	Date				





LEGEND:

- MATERIAL STOCK PILE
- SILT FENCE
- LIP DRAIN
- SEDIMENT TRAP
- HAY BALES

NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF ALL TEMPORARY SEDIMENT & CONTROL MEASURES.
2. ALL EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH DEVICES IN ACCORDANCE WITH THE APPROVED SEDIMENT AND EROSION MANAGEMENT CONTROL PLAN AND 'THE BLUE BOOK' LANDCOM - MANAGING URBAN STORMWATER:SOILS AND CONSTRUCTION
3. AT START OF CONSTRUCTION ALL TOPSOIL TO BE REMOVED AND STOCKPILED AWAY FROM CONSTRUCTION. N.B - TOPSOIL HEAPS TO BE PROTECTED WITH SILT FENCING TO PREVENT TOPSOIL LOSS.
4. AT COMPLETION OF CONSTRUCTION TOPSOIL TO BE REPLACED ON BATTERS, DRAINS AND ALL OTHER DISTURBED AREAS 100-150mm THICK. ALL WATER COURSES TO BE TURFED. GRASS SPECIES OR SPECIES BLEND TO BE DETERMINED BY LOCAL SUPPLIERS AND BASED ON CLIMATE AT TIME OF SEEDING. OTHER AREAS TO BE HYDROMULCHED OR SEEDED AND FERTILIZED AS SPECIFIED BY THE SUPERINTENDENT.

TITLE: PROPOSED COMMERCIAL DEVELOPMENT
LOT 201 AND 202 GOONOO GOONOO ROAD
EROSION AND SEDIMENT CONTROL PLAN

CLIENT: GNOO GNOO ROAD PTY LTD

High Definition
West Pty Ltd
SIMON BUGEJA 0433 269 645

NOTE:
ALL EXISTING UNDERGROUND SERVICES MUST BE LOCATED AND EXPOSED PRIOR TO EARTHWORKS COMMENCING AND IT IS RESPONSIBILITY OF THOSE PERSONS USING THIS PLAN TO CONFIRM BOTH POSITION AND LEVEL OF THESE UTILITIES IN CONJUNCTION WITH THE APPROPRIATE AUTHORITY.

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Date:	11.02.25	Scale:	1:500 A1	Designed:	SB
Cad Ref:	HDW69 - Lot 201-202 DA Servicing R2				
2	ISSUED FOR APPROVAL	SB	12.02.25		
1	CLIENT REVIEW ISSUE	SB	11.02.25		
No	Amendment	Drawn	Date		

Project No	HDW-69	
Drawing No	DA-10	Revision
	2	

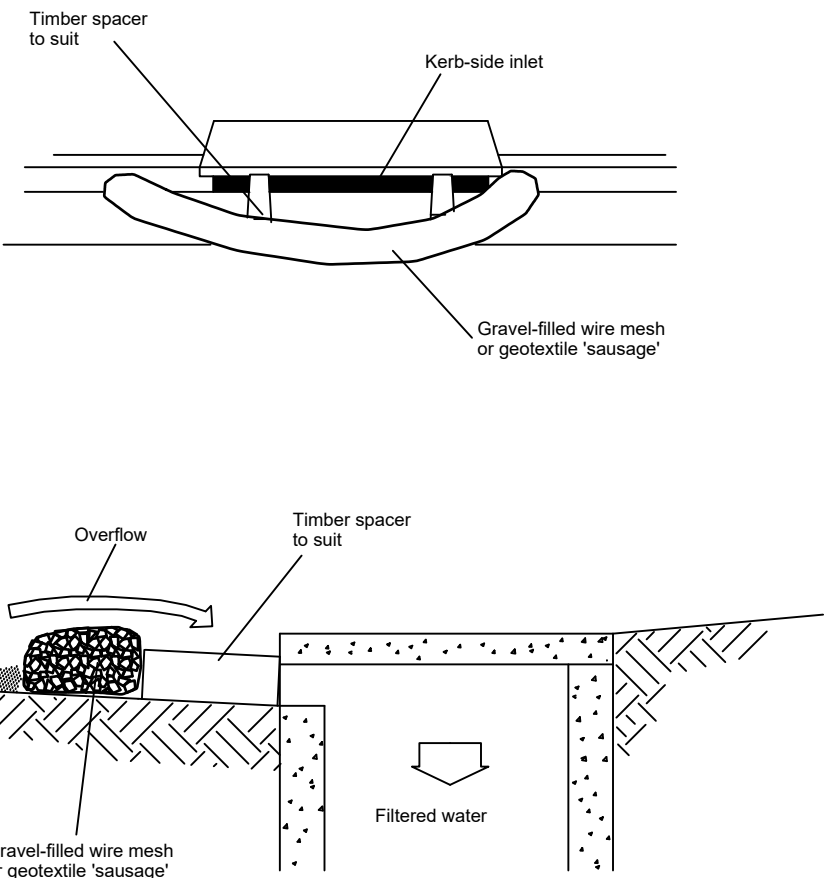
EROSION CONTROL

1. EROSION CONTROL DEVICES AND SILTATION TRAPS TO BE INSTALLED BEFORE SITE IS DISTURBED IN ACCORDANCE WITH N.S.W. DEPARTMENT OF CONSERVATION AND LAND MANAGEMENT GUIDELINES AND APPROVED BY COUNCIL INSPECTOR.
2. ALL PERIMETER AND CONTROL MEASURES ARE TO BE PLACED PRIOR TO OR AS THE FIRST STEP IN EARTHWORKS AND/OR CLEARING.
3. SILT TO BE REMOVED FROM TEMPORARY SEDIMENT CONTROL BASINS AS DIRECTED BY COUNCIL INSPECTOR OR DEPARTMENT OF LAND AND WATER CONSERVATION REPRESENTATIVE TO MAINTAIN SILTATION STORAGE CAPACITY IN TEMPORARY BASINS.
4. FILTRATION BUFFER ZONES ARE TO BE FENCED OFF AND ACCESS PROHIBITED TO ALL PLANT AND MACHINERY.
5. HAY BALE BARRIERS AND GEOFABRIC FENCES ARE TO BE CONSTRUCTED TO TOE OF BATTER PRIOR TO COMMENCEMENT OF EARTHWORKS IMMEDIATELY AFTER CLEARING OF VEGETATION BEFORE REMOVAL OF TOPSOIL.
6. SANDBAGS TO BE USED DURING ROAD CONSTRUCTION TO DIVERT STORMWATER INTO PITS WHEN SUBGRADE IS UP TO KERB LEVEL.
7. ALL TEMPORARY EARTH BERMS, DIVERSION AND SILT DAM EMBANKMENTS ARE TO BE MACHINE COMPACTED, SEEDED & MULCHED FOR TEMPORARY VEGETATION COVER AS SOON AS THEY HAVE BEEN FORMED.
8. CLEAN WATER IS TO BE DIVERTED AWAY FROM DISTURBED GROUND AND INTO DRAINAGE SYSTEM.
9. ALL SEDIMENT TRAPPING STRUCTURES AND DEVICES ARE TO BE INSPECTED AFTER STORMS FOR STRUCTURAL DAMAGE OR CLOGGING. TRAPPED MATERIAL IS TO BE REMOVED TO A SAFE APPROVED LOCATION.
10. ALL TOPSOIL IS TO BE STOCKPILED ON SITE FOR RE-USE (AWAY FROM TREES AND DRAINAGE LINES). MEASURES SHALL BE APPLIED TO PREVENT EROSION OF THE STOCKPILES.
11. ALL FILLS ARE TO BE LEFT WITH A LIP AT THE TOP OF THE SLOPE AT THE END OF EACH DAYS EARTHWORKS. THE HEIGHT OF THE LIP SHALL BE A MINIMUM OF 200mm.
12. ALL CUT AND FILL SLOPES ARE TO BE SEEDED AND MULCHED WITHIN 10 DAYS OF COMPLETION OF FORMATION.
13. UNDERSCRUBBING OF VEGETATION TO BE RESTRICTED TO SLASHING TO MINIMIZE SOIL DISTURBANCE.
14. UPON COMPLETION OF ALL EARTHWORKS OR AS DIRECTED BY COUNCIL, SOIL CONSERVATION TREATMENTS SHALL BE APPLIED TO RENDER AREAS THAT HAVE BEEN DISTURBED, EROSION PROOF WITHIN 14 DAYS.
15. DENUDED AREAS TO BE STRIP TURFED OR HYDROMULCH SEEDED WITH THE SEED MIX BELOW OR APPROVED BY DEPARTMENT OF LAND AND WATER CONSERVATION REPRESENTATIVE, WITHIN 14 DAYS OF PRACTICAL COMPLETION OF EARTHWORKS. STRIPS ARE TO BE PLACED ACROSS THE CONTOUR AT RIGHT ANGLES TO THE DIRECTION OF SLOPE.

HYDROMULCH SEEDMIXES

SUMMER MIX		AUTUMN MIX	
MATERIAL	APPLICATION RATE	MATERIAL	APPLICATION RATE
JAPANESE MILLET	30 Kg/Ha	OATS	20 Kg/Ha
COUCH	10 Kg/Ha	RYE GRASS	10 Kg/Ha
CARPET GRASS	10 Kg/Ha	RED CLOVER	5 Kg/Ha
HAIFA WHITE CLOVER	5 Kg/Ha	WHITE CLOVER	5 Kg/Ha
BINDER	200 l/Ha	COUCH	10 Kg/Ha
PULP	1000 Kg/Ha	FERTILISER ENRICHER	300 Kg/Ha
FERTILISER	300 Kg/Ha	OR DYNAMIC LIFTER	1000Kg/Ha

16. THE AREA OVER ALL STORMWATER AND SEWER LINES NOT WITHIN ROAD RESERVES IS TO BE MULCHED AND SEEDED WITHIN 14 DAYS AFTER BACKFILL.
17. NO MORE THAN 150m OF TRENCH IS TO BE OPEN AT ANY ONE TIME.
18. AREAS OVER ELECTRICITY, TELEPHONE AND GAS SUPPLY TRENCHES ARE TO BE SEEDED AND MULCHED BY THE RELEVANT AUTHORITY WITHIN 14 DAYS AFTER BACKFILL.
19. ALL FOOTPATHS, BERMS AND BATTERS AND SITE REGRADING AREAS ARE TO BE TOPSOILED WITH MINIMUM 75mm OF SELECTED SITE TOPSOIL AND GRASSED.
20. STRIPS OF TURF ARE TO BE PLACED IMMEDIATELY BEHIND THE KERB AND GUTTER ON ALL NEW ROADS AND AT LOCATIONS AS DETERMINED BY COUNCIL'S SUPERVISING OFFICER.
21. ALL FINAL EROSION PREVENTION MEASURES INCLUDING THE ESTABLISHMENT OF GRASSING ARE TO BE COMPLETED PRIOR TO THE SUBDIVISION FINAL INSPECTION. ALL EROSION DEVICES ARE TO BE MAINTAINED UNTIL THE END OF THE MAINTENANCE PERIOD.

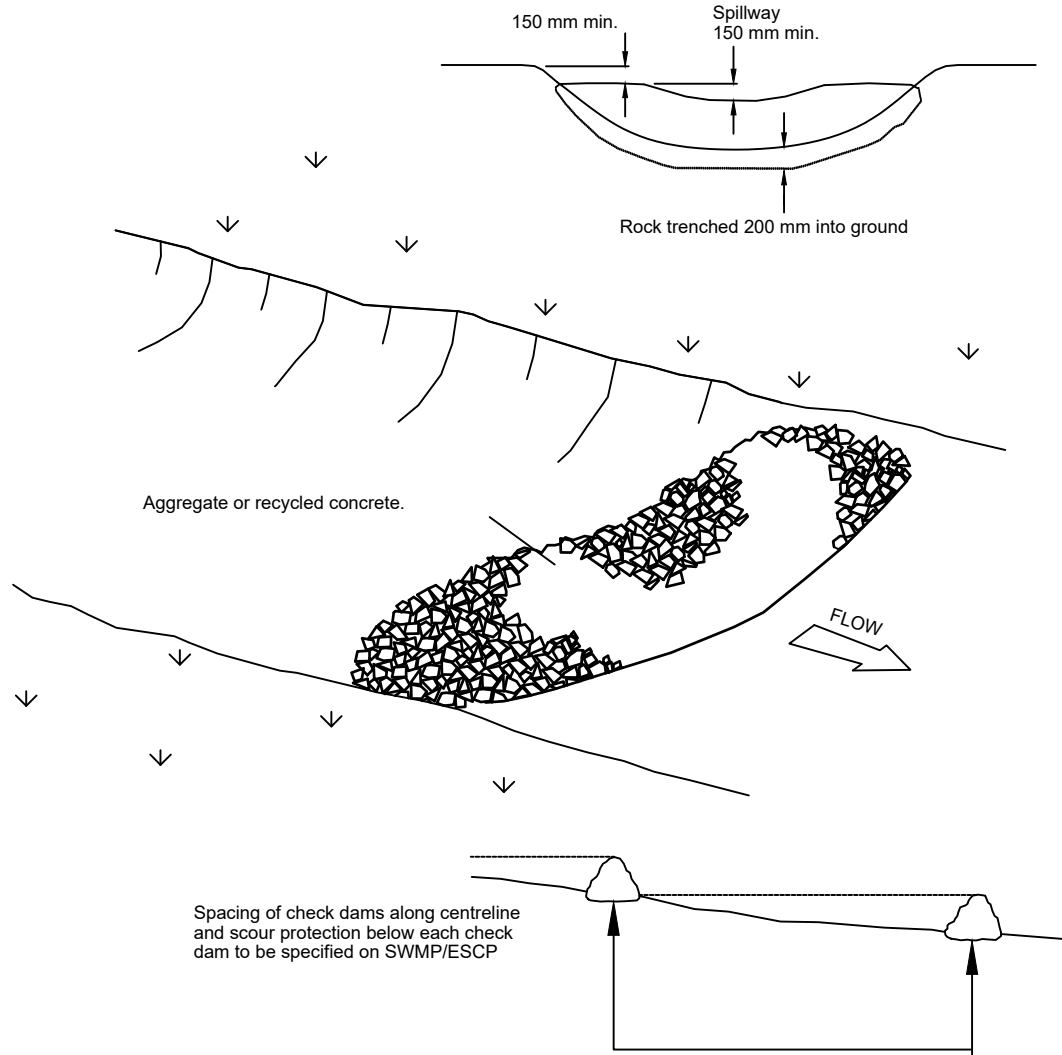


NOTE: This practice only to be used where specified in an approved SWMPI/ESCP.

Construction Notes

1. Install filters to kerb inlets only at sag points.
2. Fabricate a sleeve made from geotextile or wire mesh longer than the length of the inlet pit and fill it with 25 mm to 50 mm gravel.
3. Form an elliptical cross-section about 150 mm high x 400 mm wide.
4. Place the filter at the opening leaving at least a 100-mm space between it and the kerb inlet. Maintain the opening with spacer blocks.
5. Form a seal with the kerb to prevent sediment bypassing the filter.
6. Sandbags filled with gravel can substitute for the mesh or geotextile providing they are placed so that they firmly abut each other and sediment-laden waters cannot pass between.

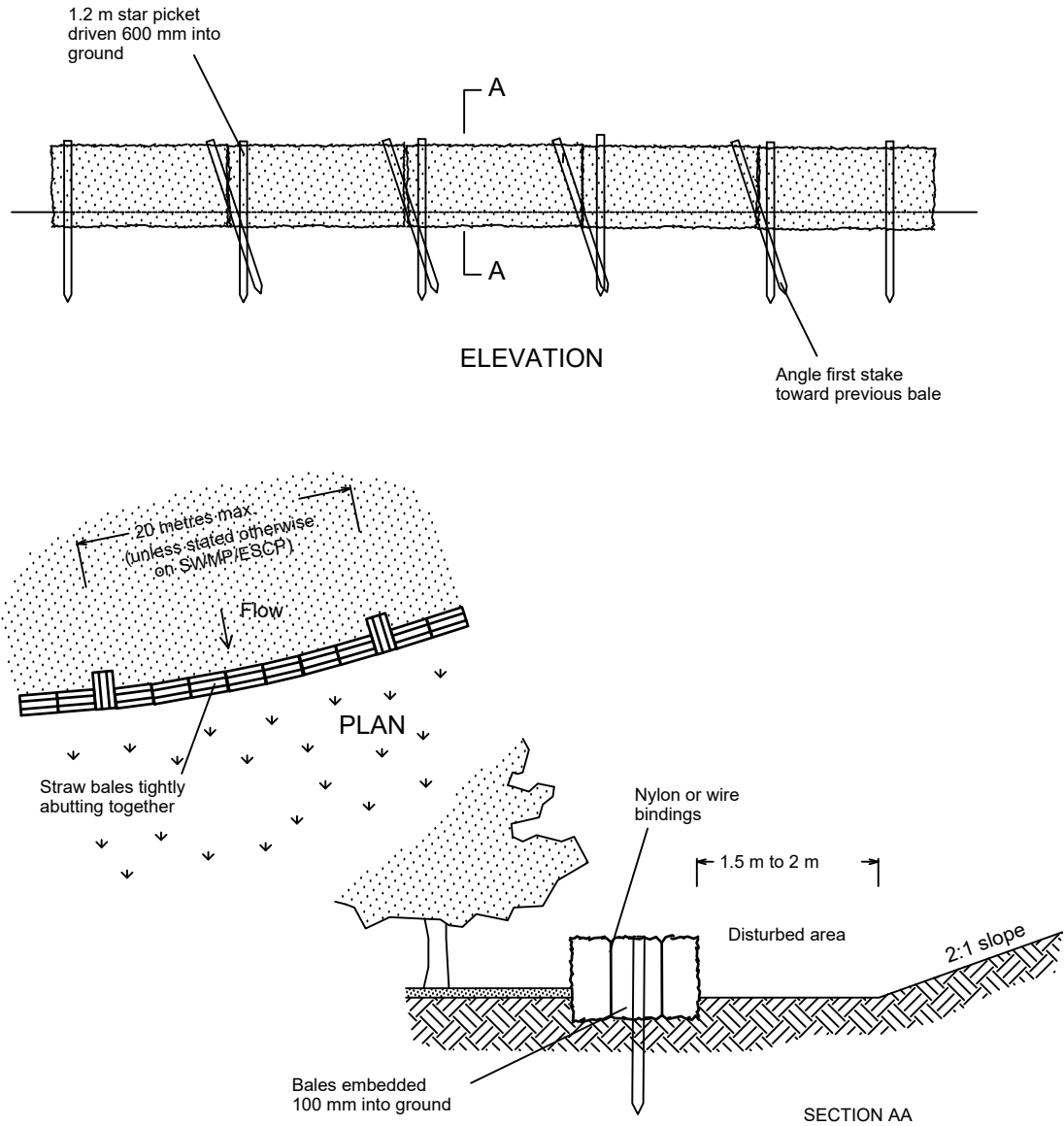
MESH AND GRAVEL INLET FILTER SD 6-11



Construction Notes

1. Check dams can be built with various materials, including rocks, logs, sandbags and straw bales. The maintenance program should ensure their integrity is retained, especially where constructed with straw bales. In the case of bales, this might require their replacement each two to four months.
2. Trench the check dam 200 mm into the ground across its whole width. Where rock is used, fill the trenches to at least 100 mm above the ground surface to reduce the risk of undercutting.
3. Normally, their maximum height should not exceed 600 mm above the gully floor. The centre should act as a spillway, being at least 150 mm lower than the outer edges.
4. Space the dams so the toe of the upstream dam is level with the spillway of the next downstream dam.

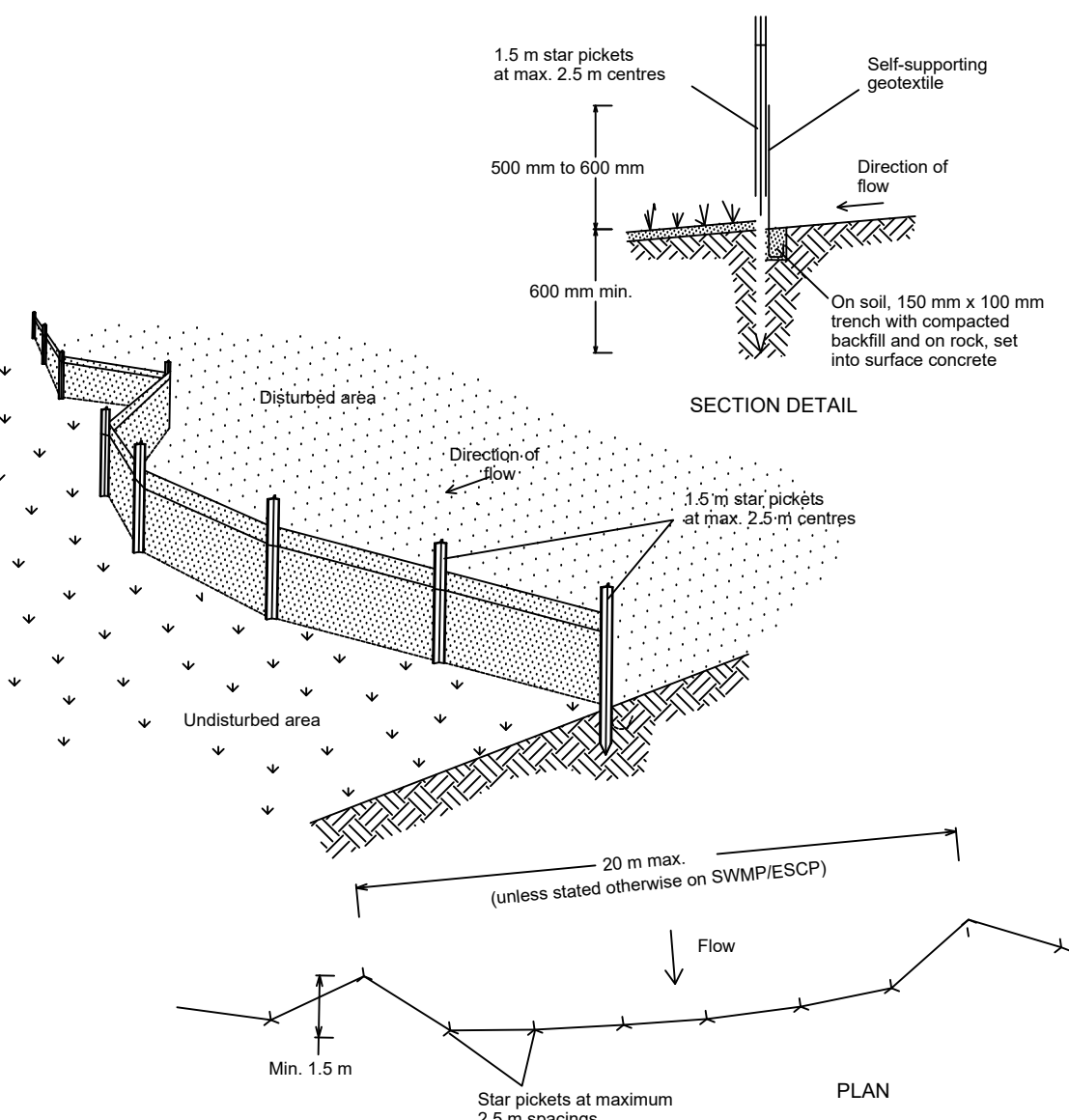
ROCK CHECK DAM SD 5-4



Construction Notes

1. Construct the straw bale filter as close as possible to being parallel to the contours of the site.
2. Place bales lengthwise in a row with ends tightly abutting. Use straw to fill any gaps between bales. Straws are to be placed parallel to ground.
3. Ensure that the maximum height of the filter is one bale.
4. Embed each bale in the ground 75 mm to 100 mm and anchor with two 1.2 metre star pickets or stakes. Angle the first star picket or stake in each bale towards the previously laid bale. Drive them 600 mm into the ground and, if possible, flush with the top of the bales. Where star pickets are used and they protrude above the bales, ensure they are fitted with safety caps.
5. Where a straw bale filter is constructed downslope from a disturbed batter, ensure the bales are placed 1 to 2 metres downslope from the toe.
6. Establish a maintenance program that ensures the integrity of the bales is retained - they could require replacement each two to four months.

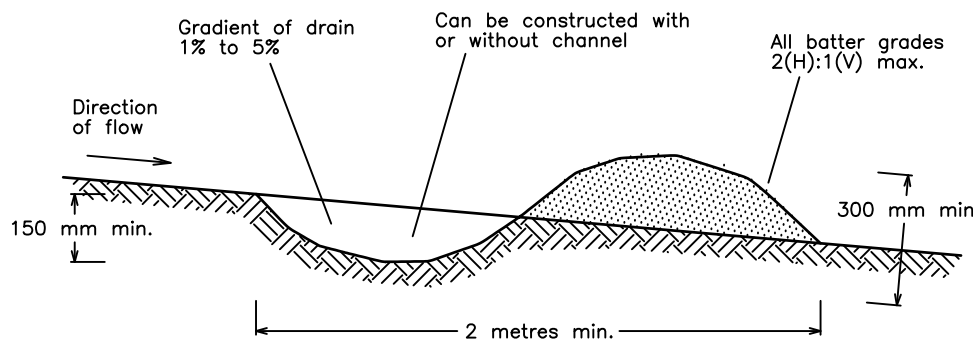
STRAW BALE FILTER SD 6-7



Construction Notes

1. 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.
2. Cut a 150-mm deep trench along the upslope line of the fence for the bottom of the fabric to be entrenched.
3. 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.
4. 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.
5. Join sections of fabric at a support post with a 150-mm overlap.
6. Backfill the trench over the base of the fabric and compact it thoroughly over the geotextile.

SEDIMENT FENCE SD 6-8



NOTE: Only to be used as temporary bank where maximum upslope length is 80 metres.

Construction Notes

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

EARTH BANK (LOW FLOW) SD 5-5

TITLE: PROPOSED COMMERCIAL DEVELOPMENT
LOT 201 AND 202 GOONOO GOONOO ROAD
EROSION AND SEDIMENT CONTROL DETAILS AND NOTES

CLIENT: GNOO GNOO ROAD PTY LTD

High Definition
West Pty Ltd
SIMON BUGEJA 0433 269 645

NOTE:
ALL EXISTING UNDERGROUND SERVICES MUST BE LOCATED AND EXPOSED PRIOR TO EARTHWORKS COMMENCING AND IT IS RESPONSIBILITY OF THOSE PERSONS USING THIS PLAN TO CONFIRM BOTH POSITION AND LEVEL OF THESE UTILITIES IN CONJUNCTION WITH THE APPROPRIATE AUTHORITY.

Date:	11.02.25	Scale:	-	Designed:	SB	Project No	
Cad Ref:	HDW69	- Lot 201-202 DA Servicing R2				HDW-69	
						Drawing No	Revision
2	ISSUED FOR APPROVAL			SB	12.02.25	DA-11	2
1	CLIENT REVIEW ISSUE			SB	11.02.25		
No	Amendment			Drawn	Date		