

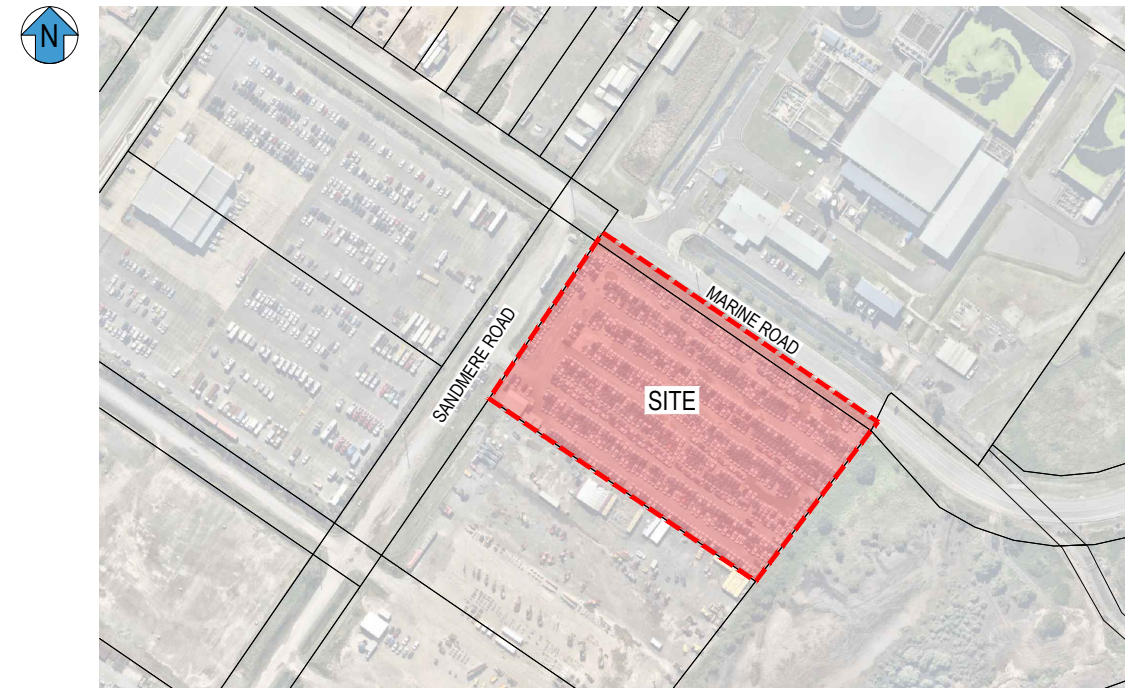
LAGC CAVA PTY LTD

161 SANDMERE ROAD, PINKENBA

DEVELOPMENT APPLICATION

DRAWING INDEX

SK000	DRAWING INDEX & LOCALITY PLAN
SK030	EXISTING SITE LAYOUT PLAN
SK100	TYPICAL DETAILS
SK200	EARTHWORKS PLAN
SK210	EARTHWORK SLOPE ANALYSIS PLAN
SK220	EARTHWORK SECTIONS
SK300	ROADWORKS AND DRAINAGE PLAN
SK310	ROAD LONGITUDINAL SECTIONS
SK400	TRUNK DRAINAGE CHANNEL PLAN
SK401	TRUNK DRAINAGE CHANNEL CROSS SECTIONS
SK410	MUSIC CATCHMENT PLAN

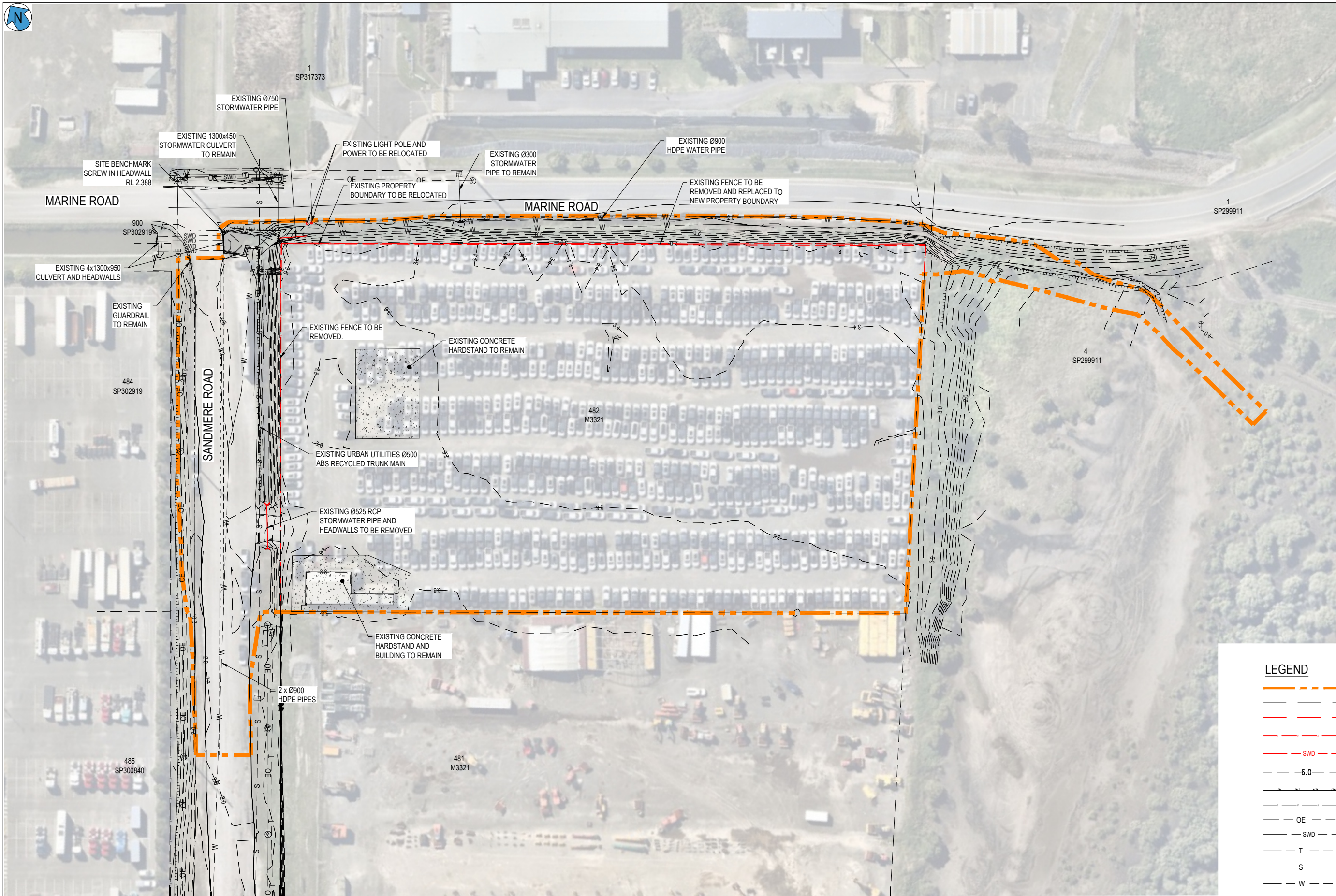


LOCALITY PLAN
SCALE 1:2000

REV	REVISION DESCRIPTION	DESIGN	DRAWN	DATE	SCALE	ASSOCIATED CONSULTANTS	CIVIL 360 ENGINEERING	CLIENT	PROJECT	DRAWING TITLE		
A	ISSUE FOR APPROVAL	AR	ED	26.03.26	1:2000 1:4000		 PROJECT MANAGEMENT CIVIL ENGINEERING LAND DEVELOPMENT 0406 424 223 / 0423 593 058 info@civil360.com.au	LAGC CAVA PTY LTD	161 SANDMERE ROAD	DRAWING INDEX & LOCALITY PLAN		
										161 SANDMERE ROAD, PINKENBA LOT 482 ON M3321		
									ISSUE FOR APPROVAL	PROJECT No.	DRAWING No.	REVISION
						BRISBANE CITY COUNCIL				2025077	SK000	A



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LEGEND	
	LIMIT OF WORKS
	ADJACENT BOUNDARY
	EXISTING BOUNDARY TO BE RELOCATED
	EXISTING FENCE TO BE REMOVED
	EXISTING STORMWATER DRAINAGE TO BE REMOVED
	EXISTING SURFACE CONTOUR (0.20m INTERVAL)
	EXISTING EDGE OF BITUMEN
	EXISTING FENCE
	EXISTING OVERHEAD ELECTRICITY
	EXISTING STORMWATER DRAINAGE
	EXISTING TELSTRA
	EXISTING SEWER
	EXISTING WATER



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A	ISSUE FOR APPROVAL	AR	ED	26.03.26	1:500 1:1000

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ASSOCIATED CONSULTANTS

CIVIL 360 ENGINEERING

PROJECT MANAGEMENT
CIVIL ENGINEERING
LAND DEVELOPMENT

0406 424 223 / 0423 593 058
info@civil360.com.au

CLIENT

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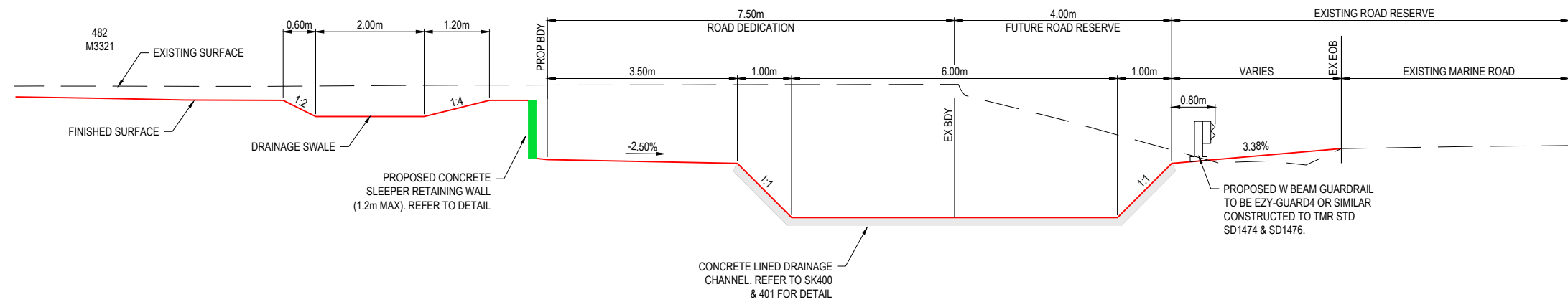
PROJECT

161 SANDMERE ROAD
161 SANDMERE ROAD, PINKENBA
LOT 482 ON M3321

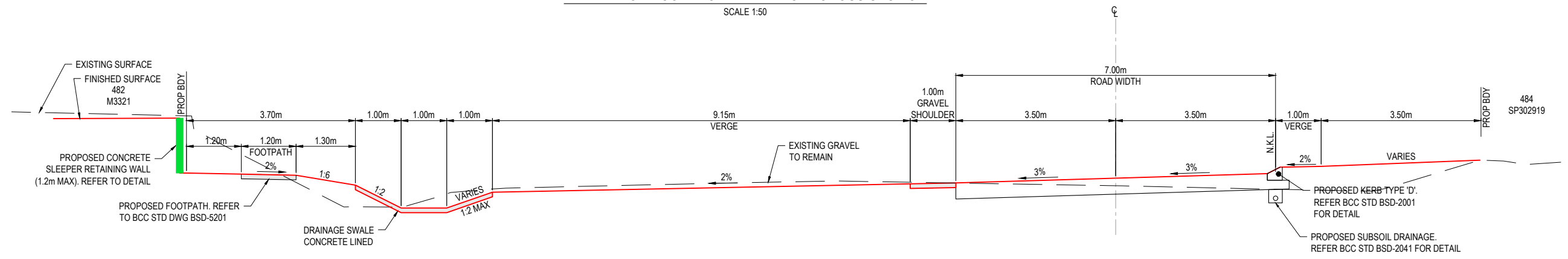
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ISSUE FOR APPROVAL

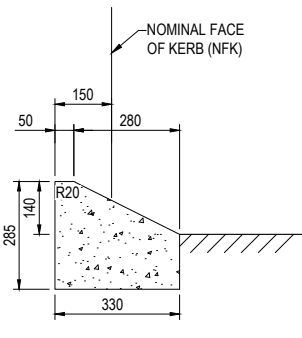
DRAWING TITLE		PROJECT No.	DRAWING No.	REVISION
EXISTING SITE LAYOUT PLAN		2025077	SK030	A



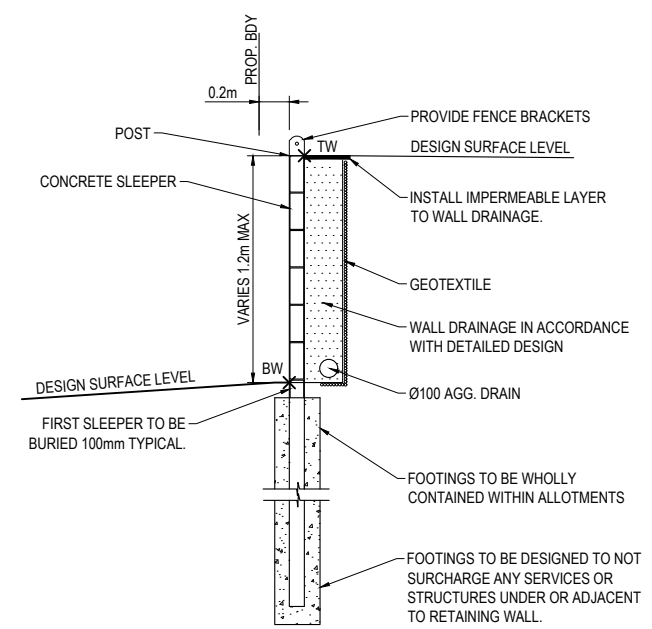
MARINE ROAD CONTROL LINE TYPICAL CROSS SECTION
SCALE 1:50



SANDMERE ROAD TYPICAL CROSS SECTION
SCALE 1:50

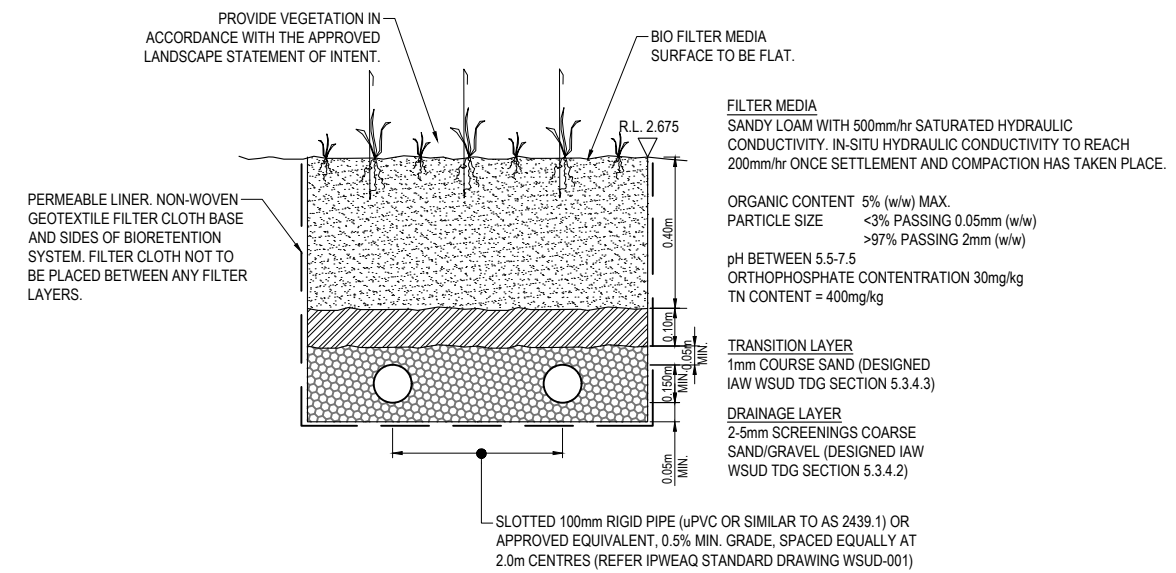


BARRIER TYPE 'D'
SCALE 1:10



CONCRETE SLEEPER RETAINING WALL
SCALE: NTS

SLEEPER WALL DESIGN AND CONSTRUCTION TO BE CERTIFIED BY A STRUCTURAL ENGINEER



INDICATIVE BIORETENTION MEDIA CROSS SECTION
SCALE 1:100

- NOTES:**
- KERB PROFILES ARE TO BE IN ACCORDANCE WITH BCC STD DRG BSD-2001.
 - SUB SURFACE DRAINAGE IN ACCORDANCE WITH BCC STD DRG BSD-2041.
 - REFER TO BCC STD DRGS BSD-5201 & 5203 FOR CONCRETE FOOTPATH DETAILS.
 - VERGE PROFILE TO BE IN ACCORDANCE WITH B.C.C. STANDARD DRAWINGS.

- PAVEMENT NOTES:**
- THE COMPACTED DEPTHS OF PAVEMENT SHOWN ON THE DRAWINGS ARE DESIGN DEPTHS ONLY AND MAY BE VARIED AFTER SUBGRADE TESTS ARE TAKEN. PAVEMENT DEPTHS SHALL BE SUBJECT TO APPROVAL BY B.C.C.
 - PAVEMENT MATERIAL SHALL CONFORM TO B.C.C. SPECIFICATION.

REV	REVISION DESCRIPTION	DESIGN	DRAWN	DATE	SCALE	ASSOCIATED CONSULTANTS	CIVIL 360 ENGINEERING	CLIENT	PROJECT	DRAWING TITLE		
A	ISSUE FOR APPROVAL	AR	ED	26.03.26	1:100 1:200	TPA.	PROJECT MANAGEMENT CIVIL ENGINEERING LAND DEVELOPMENT	LAGC CAVA PTY LTD	161 SANDMERE ROAD 161 SANDMERE ROAD, PINKENBA LOT 482 ON M3321	TYPICAL DETAILS		
COUNCIL						BRISBANE CITY COUNCIL	0406 424 223 / 0423 593 058 info@civil360.com.au		STATUS	PROJECT No.	DRAWING No.	REVISION
									ISSUE FOR APPROVAL	2025077	SK100	A



MARINE ROAD

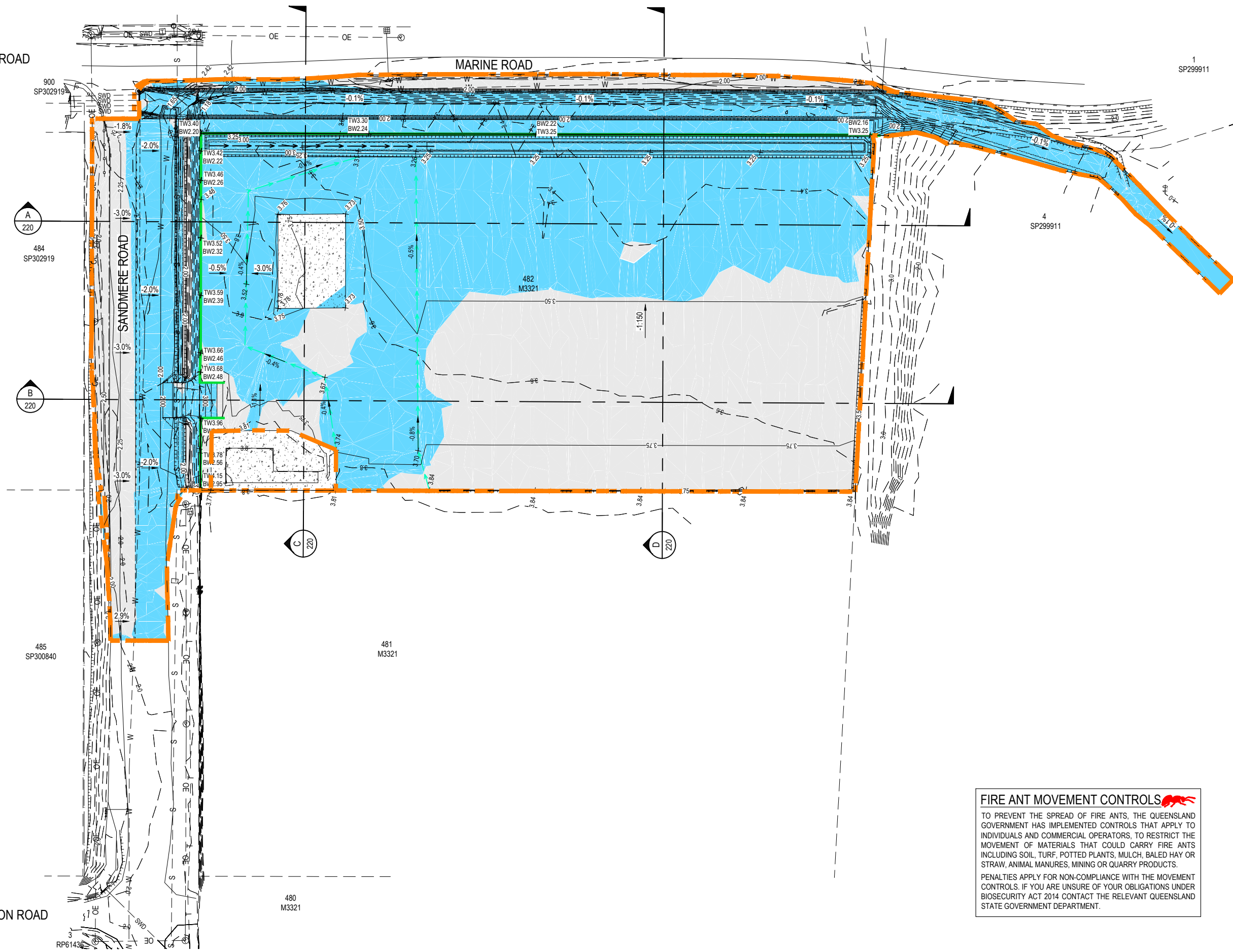
MARINE ROAD

EARTHWORKS VOLUMES

AREA OF DISTURBANCE = 23,030m²
TOTAL CUT = 5,136m³ (SOLID MEASURE)
TOTAL FILL = 853m³ (SOLID MEASURE)

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- BASED ON
- UNFACTORED VOLUMES
 - DESIGN SURFACE vs EXISTING SURFACE, NO ALLOWANCE FOR TOPSOIL STRIP
 - VOLUMES ARE SUBJECT TO LEVEL 1 GEOTECHNICAL ASSESSMENT
 - TRENCH/WALL SPOIL EXCLUDED



LEGEND

- LIMIT OF EARTHWORKS
- PROPOSED SWALE
- PROPOSED CUT-OFF DRAIN
- PROPOSED CONCRETE SLEEPER RETAINING WALL
- DESIGN SURFACE CONTOURS (0.5m INTERVALS)
- + 5.95 FINISHED SURFACE LEVEL
- + EX5.95 EXISTING SURFACE LEVEL
- AREA OF CUT
- AREA OF FILL
- ADJACENT BOUNDARY
- 5.0 EXISTING SURFACE CONTOURS (0.5m INTERVALS)
- EXISTING STORMWATER DRAINAGE
- EXISTING WATER
- EXISTING TELSTRA
- EXISTING ELECTRICITY
- EXISTING TELSTRA
- EXISTING KERB AND CHANNEL
- EXISTING RETAINING WALL
- EXISTING FENCE

FIRE ANT MOVEMENT CONTROLS

TO PREVENT THE SPREAD OF FIRE ANTS, THE QUEENSLAND GOVERNMENT HAS IMPLEMENTED CONTROLS THAT APPLY TO INDIVIDUALS AND COMMERCIAL OPERATORS, TO RESTRICT THE MOVEMENT OF MATERIALS THAT COULD CARRY FIRE ANTS INCLUDING SOIL, TURF, POTTED PLANTS, MULCH, BALED HAY OR STRAW, ANIMAL MANURES, MINING OR QUARRY PRODUCTS.

PENALTIES APPLY FOR NON-COMPLIANCE WITH THE MOVEMENT CONTROLS. IF YOU ARE UNSURE OF YOUR OBLIGATIONS UNDER BIOSECURITY ACT 2014 CONTACT THE RELEVANT QUEENSLAND STATE GOVERNMENT DEPARTMENT.

REV	REVISION DESCRIPTION	DESIGN	DRAWN	DATE	SCALE
A	ISSUE FOR APPROVAL	AR	ED	26.03.26	1:500 1:1000

COUNCIL
BRISBANE CITY COUNCIL

ASSOCIATED CONSULTANTS

CIVIL 360
ENGINEERING

PROJECT MANAGEMENT
CIVIL ENGINEERING
LAND DEVELOPMENT

0406 424 223 / 0423 593 058
info@civil360.com.au

CLIENT
LAGC CAVA PTY LTD

PROJECT
161 SANDMERE ROAD
161 SANDMERE ROAD, PINKENBA
LOT 482 ON M3321

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ISSUE FOR APPROVAL

DRAWING TITLE		PROJECT No.	DRAWING No.	REVISION
EARTHWORKS PLAN		2025077	SK200	A





SLOPE ANALYSIS LEGEND

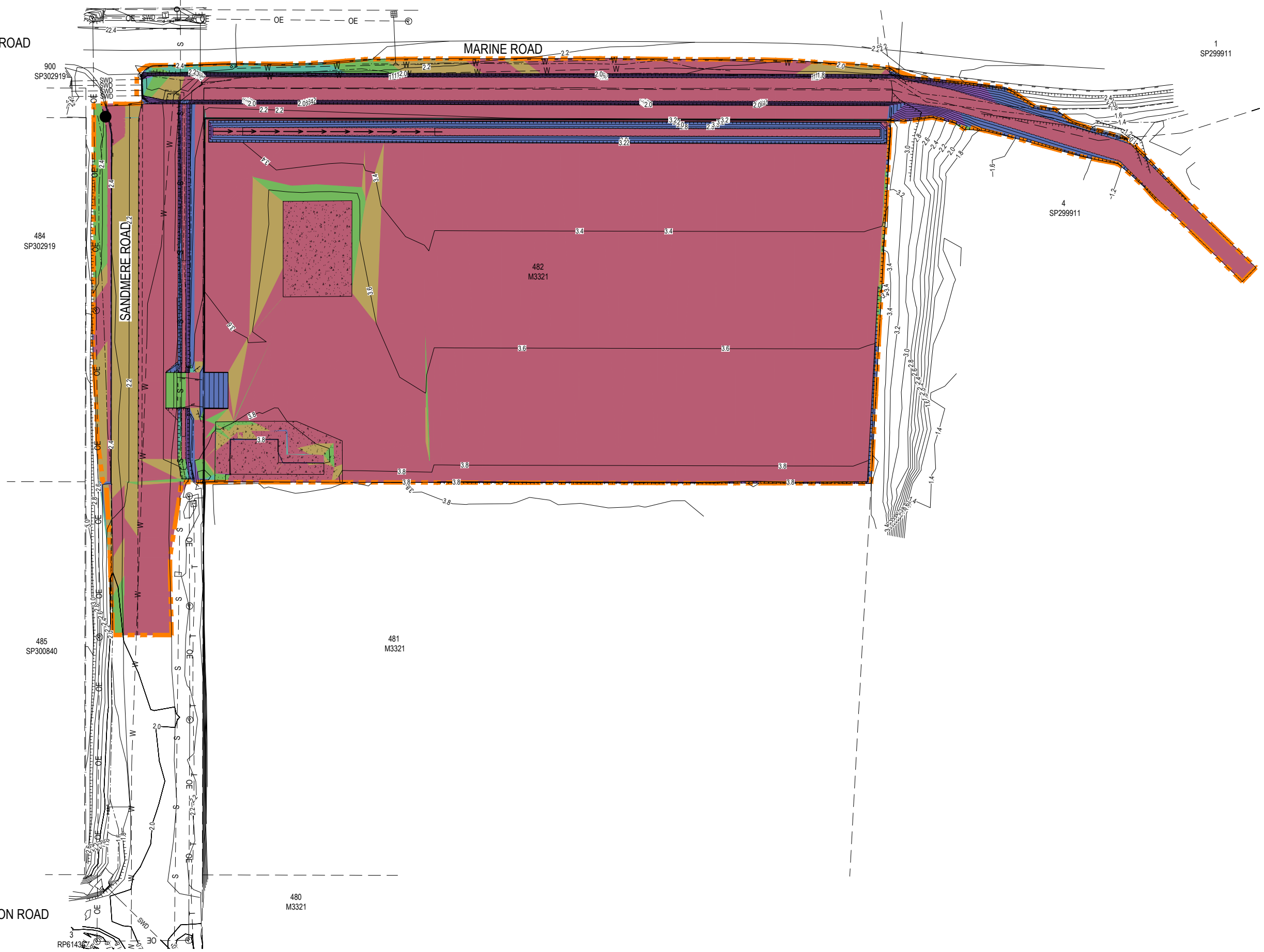
1	0%	TO	2%
2	2%	TO	5%
3	5%	TO	10%
4	10%	TO	15%
5	15%	TO	35%
6	>35%		

MARINE ROAD

MARINE ROAD

SANDMERE ROAD

DICKSON ROAD



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LEGEND

	LIMIT OF WORKS
	ADJACENT BOUNDARY
	EXISTING STORMWATER DRAINAGE TO BE REMOVED
	EXISTING SURFACE CONTOUR (0.20m INTERVAL)
	EXISTING EDGE OF BITUMEN
	EXISTING FENCE
	EXISTING OVERHEAD ELECTRICITY
	EXISTING STORMWATER DRAINAGE
	EXISTING TELSTRA
	EXISTING SEWER
	EXISTING WATER



REV	REVISION DESCRIPTION	DESIGN	DRAWN	DATE	SCALE
A	ISSUE FOR APPROVAL	AR	ED	26.03.26	1:500 1:1000

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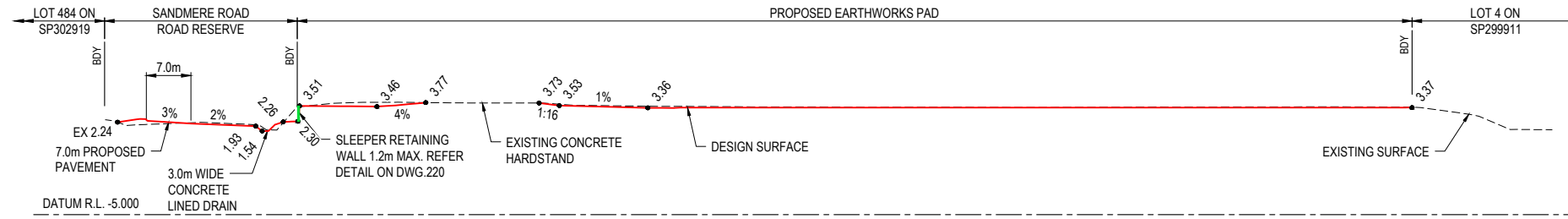
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info@civil360.com.au

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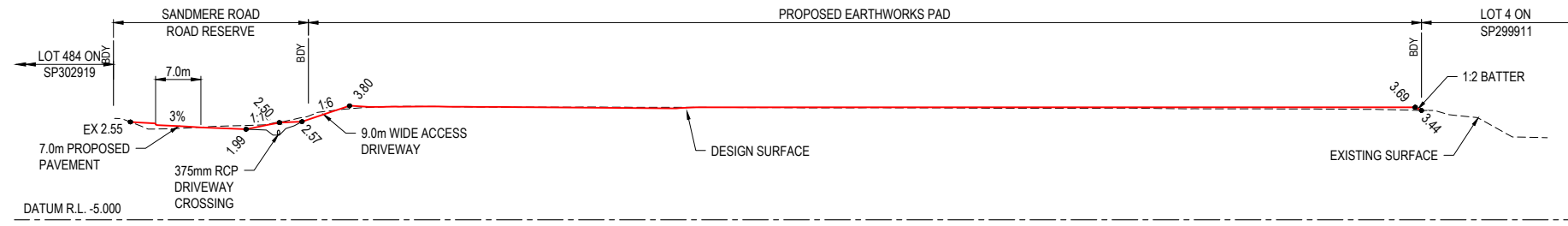
PROJECT
161 SANDMERE ROAD
161 SANDMERE ROAD, PINKENBA
LOT 482 ON M3321

STATUS
ISSUE FOR APPROVAL

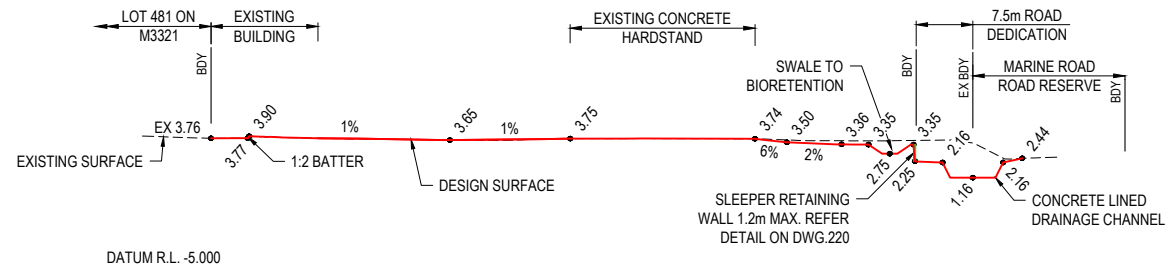
DRAWING TITLE EARTHWORK SLOPE ANALYSIS PLAN		
PROJECT No. 2025077	DRAWING No. SK210	REVISION A



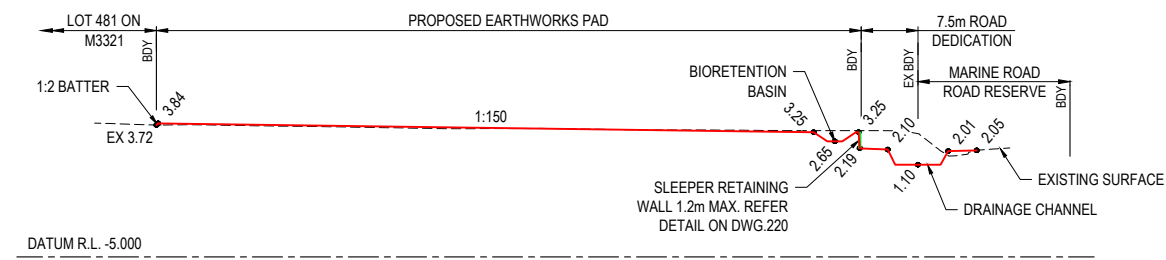
SECTION A
 SCALE H1:500
 SCALE V1:250



SECTION B
 SCALE H1:500
 SCALE V1:250



SECTION C
 SCALE H1:500
 SCALE V1:250



SECTION D
 SCALE H1:500
 SCALE V1:250

REV	REVISION DESCRIPTION	DESIGN	DRAWN	DATE	SCALE
A	ISSUE FOR APPROVAL	AR	ED	26.03.26	1:500 1:1000

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ASSOCIATED CONSULTANTS

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PROJECT

161 SANDMERE ROAD
 161 SANDMERE ROAD, PINKENBA
 LOT 482 ON M3321

STATUS

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DRAWING TITLE		EARTHWORK SECTIONS	
PROJECT No.	2025077	DRAWING No.	SK220
REVISION	A		



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MARINE ROAD

MATCH NEATLY TO EXISTING PAVEMENT AND EDGE OF BITUMEN

PROPOSED 1.2m WIDE FOOTPATH. REFER TO BCC STD DWG BSD-5201

PROPOSED 9m WIDE TYPE B2 VEHICLE CROSSING IN GENERAL ACCORDANCE WITH BCC STD DWG BSD-2021

MATCH NEATLY TO EXISTING GRAVEL PAVEMENT

EXTEND EXISTING STORMWATER LINES INTO TRUNK CONCRETE SWALE

PROPOSED CONCRETE LINED DRAINAGE CHANNEL. REFER SK400 & 401 FOR DETAILS

INSTALL W BEAM GUARDRAIL TO BE EZY-GUARD4 OR SIMILAR CONSTRUCTED TO TMR STD SD1474 & SD1476

PROPOSED LOT BOUNDARY RELOCATED

MARINE ROAD

PROPOSED SWALE TO BIO-RETENTION BASIN

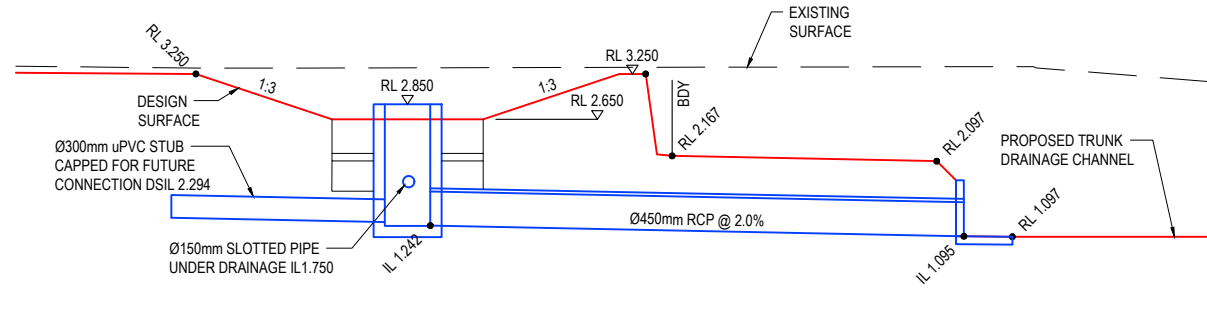
RETAINING WALL

1 IN 3 BATTER

1 IN 3 BATTER

PROPOSED BIO RETENTION BASIN 225m². REFER TO SK100

PROPOSED Ø375mm RCP CULVERT UNDER PROPOSED DRIVEWAY



TYPICAL BIORETENTION PIPE OUTLET DETAIL
 SCALE 1:50 (A1)

LEGEND

- DESIGN SURFACE CONTOURS (0.50m INTERVAL)
- PROPOSED LOT BOUNDARY
- PROPOSED KERB TYPE 'D'
- PROPOSED SWALE
- PROPOSED CUT-OFF DRAIN
- PROPOSED W BEAM GUARDRAIL
- PROPOSED RETAINING WALL
- DRIVEWAY TO BE BUILT BY CIVILS
- PROPOSED ROAD AC PAVEMENT
- PROPOSED CONCRETE LINED DRAINAGE CHANNEL
- PROPOSED GRASS LINED DRAINAGE CHANNEL
- PROPOSED FOOTPATH
- EXISTING SURFACE CONTOURS (0.5m INTERVALS)
- ADJACENT BOUNDARY
- EXISTING STORMWATER DRAINAGE
- EXISTING WATER
- EXISTING TELSTRA
- EXISTING ELECTRICITY OVERHEAD
- EXISTING UNDERGROUND ELECTRICITY
- EXISTING TELSTRA
- EXISTING FENCE
- EXISTING KERB
- EXISTING EDGE OF BITUMEN



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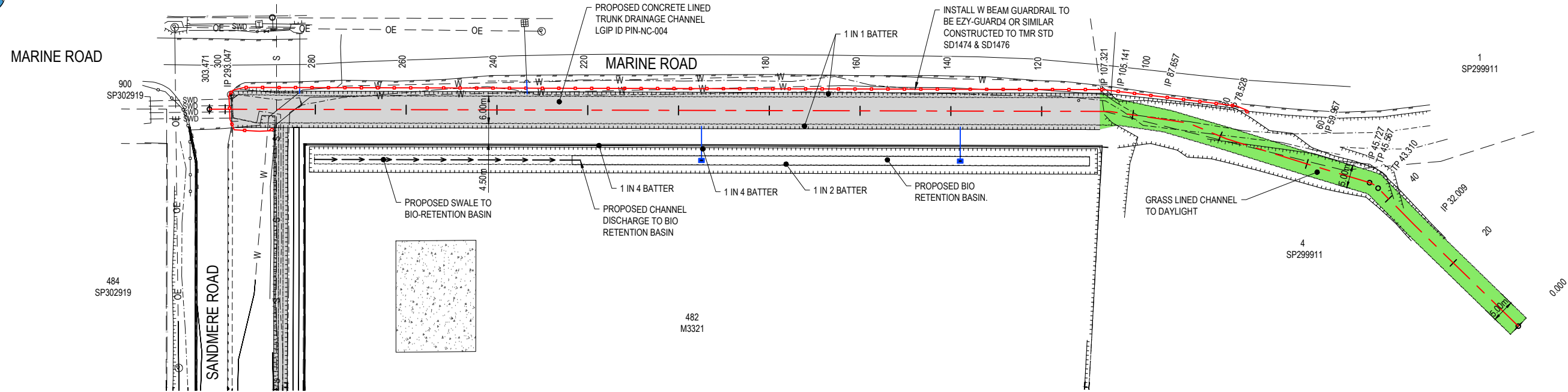
PROJECT
 161 SANDMERE ROAD
 161 SANDMERE ROAD, PINKENBA
 LOT 482 ON M3321

STATUS
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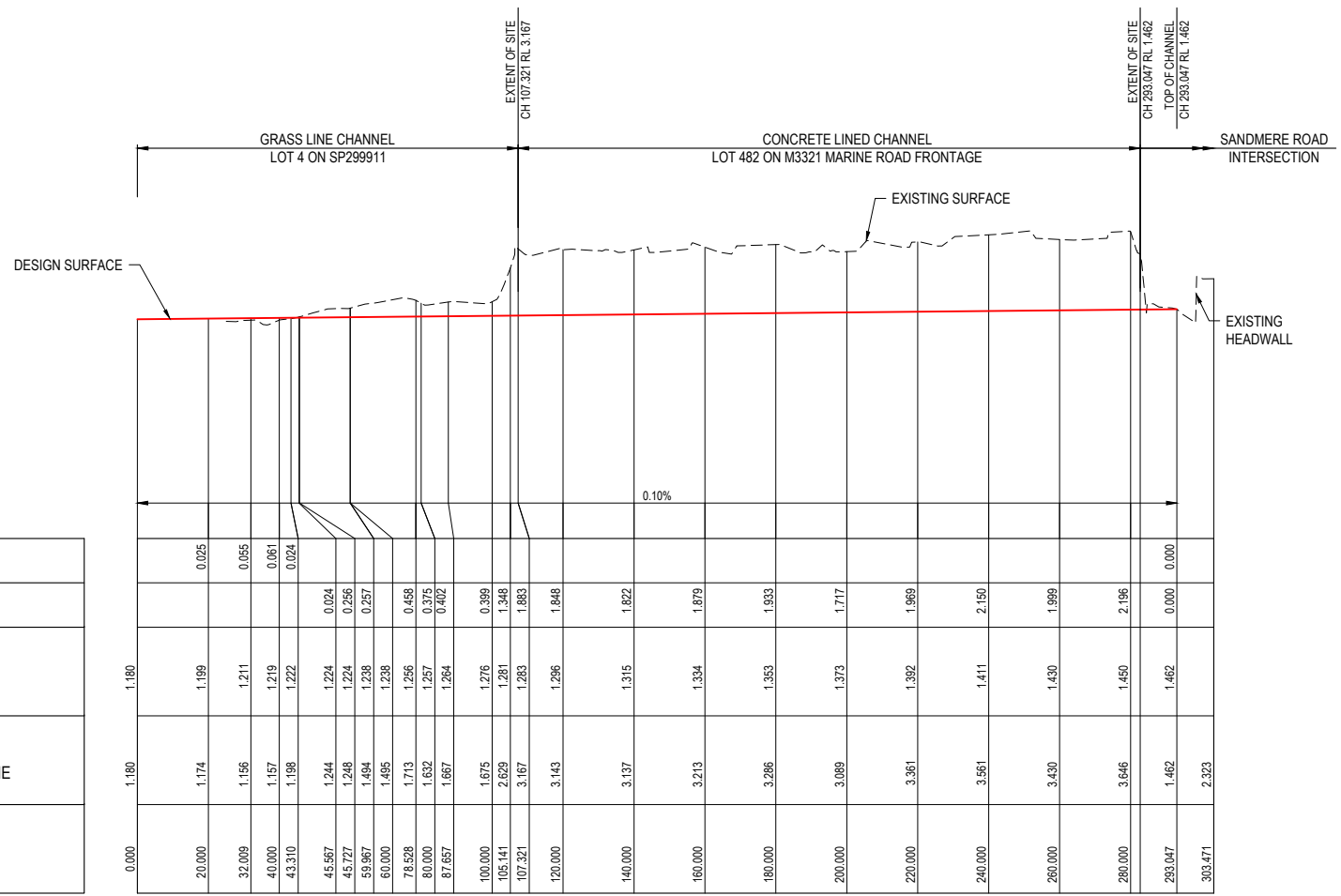
DRAWING TITLE		PROJECT No.	DRAWING No.	REVISION
ROADWORKS AND DRAINAGE PLAN		2025077	SK300	A



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DRAINAGE CHANNEL LAYOUT
 SCALE 1:500



TRUNK DRAINAGE CHANNEL (LGIP ID PIN-NC-004)
 SCALE: HORIZONTAL - 1:500
 VERTICAL - 1:50

LEGEND

- 62.0 DESIGN SURFACE CONTOURS (0.50m INTERVAL)
- PROPOSED LOT BOUNDARY
- PROPOSED KERB TYPE 'D'
- PROPOSED SWALE
- PROPOSED W BEAM GUARDRAIL
- PROPOSED RETAINING WALL
- PROPOSED CONCRETE LINED DRAINAGE CHANNEL
- PROPOSED GRASS LINED DRAINAGE CHANNEL
- 50.0 EXISTING SURFACE CONTOURS (0.5m INTERVALS)
- ADJACENT BOUNDARY
- SWD EXISTING STOMWATER DRAINAGE
- W EXISTING WATER
- S EXISTING TELSTRA
- OE EXISTING ELECTRICITY OVERHEAD
- E EXISTING UNDERGROUND ELECTRICITY
- T EXISTING TELSTRA
- EXISTING FENCE
- EXISTING KERB
- EXISTING EDGE OF BITUMEN



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SCALE
 (V) 1:50
 1:100
 (H) 1:500
 1:1000

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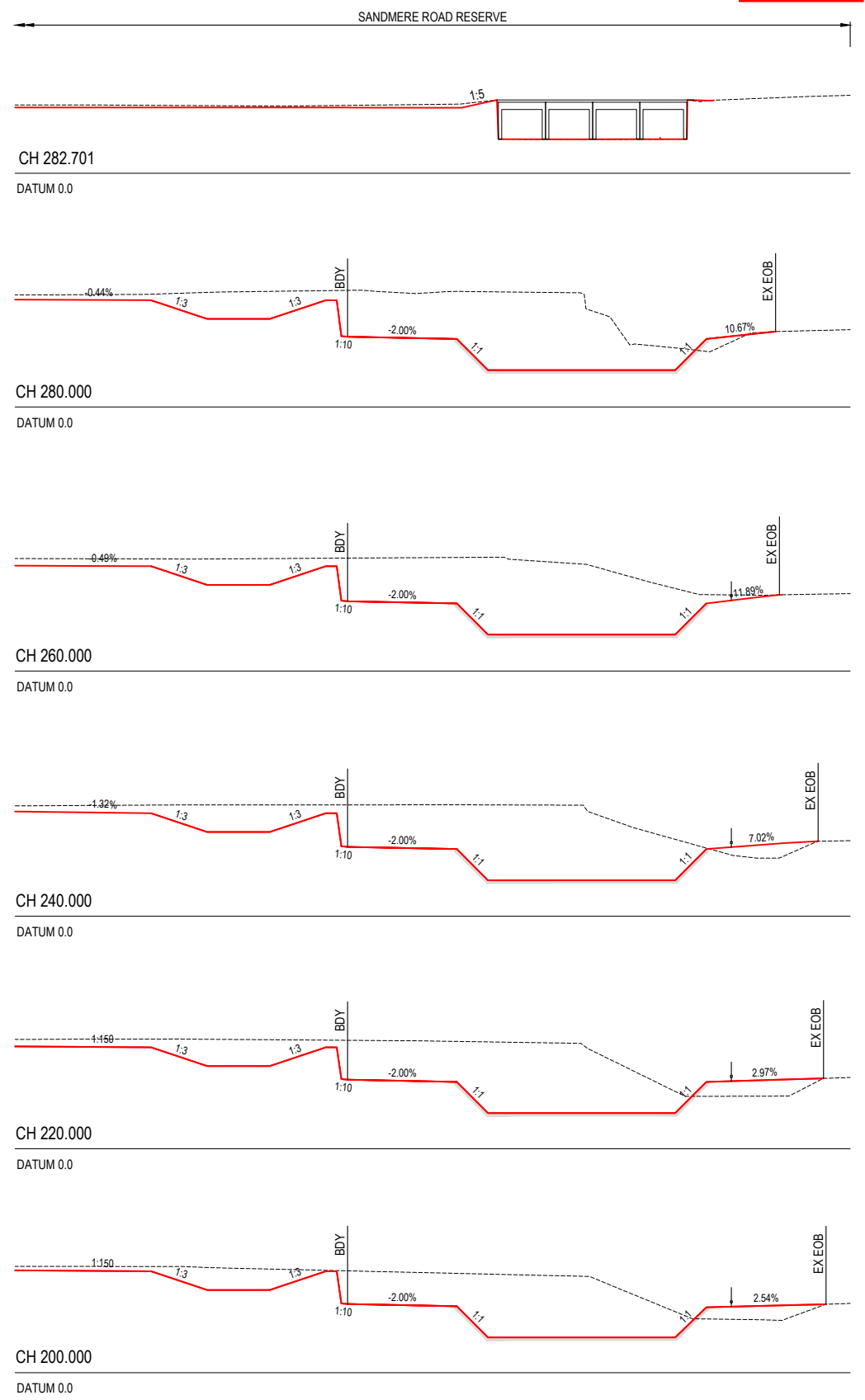
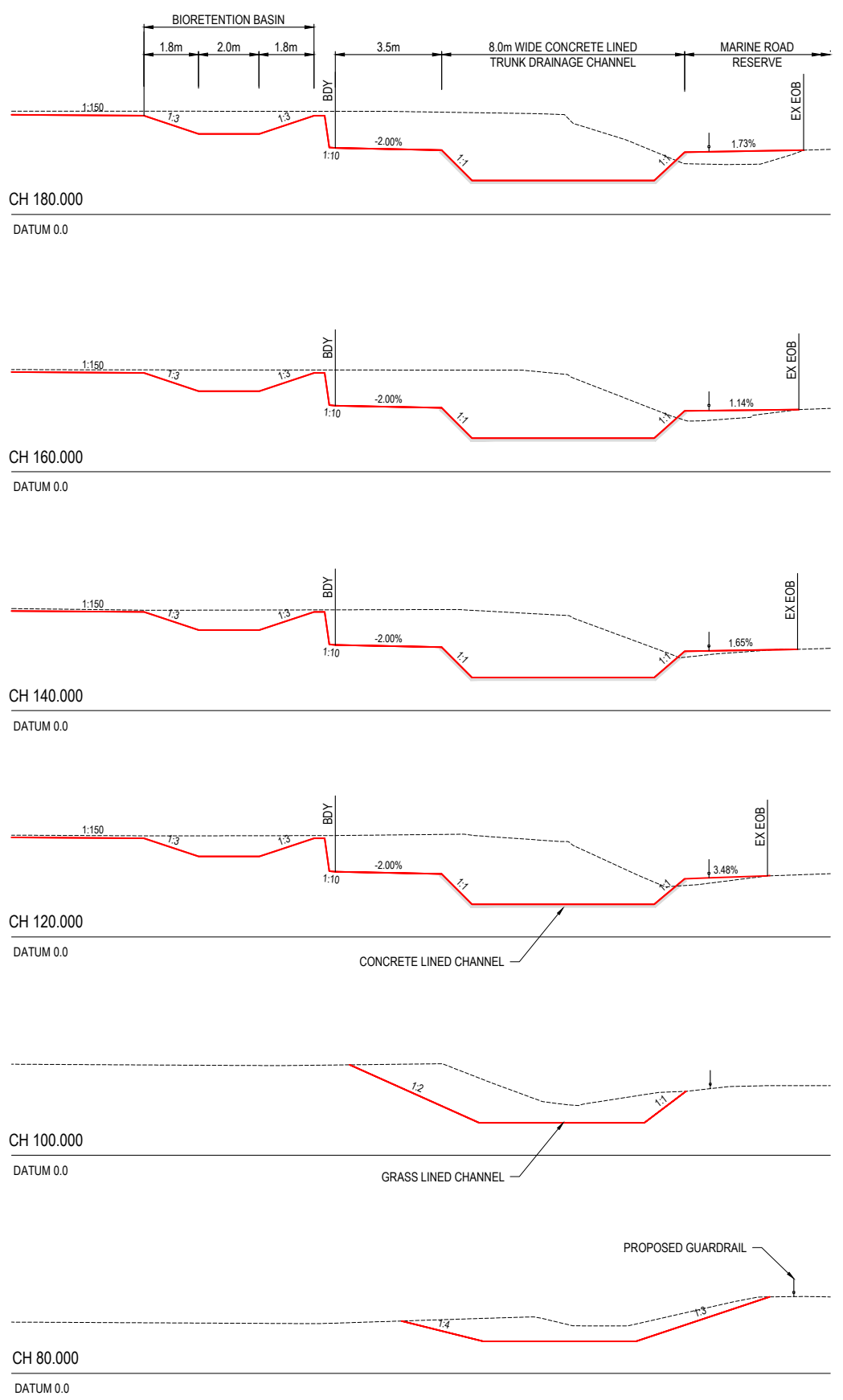
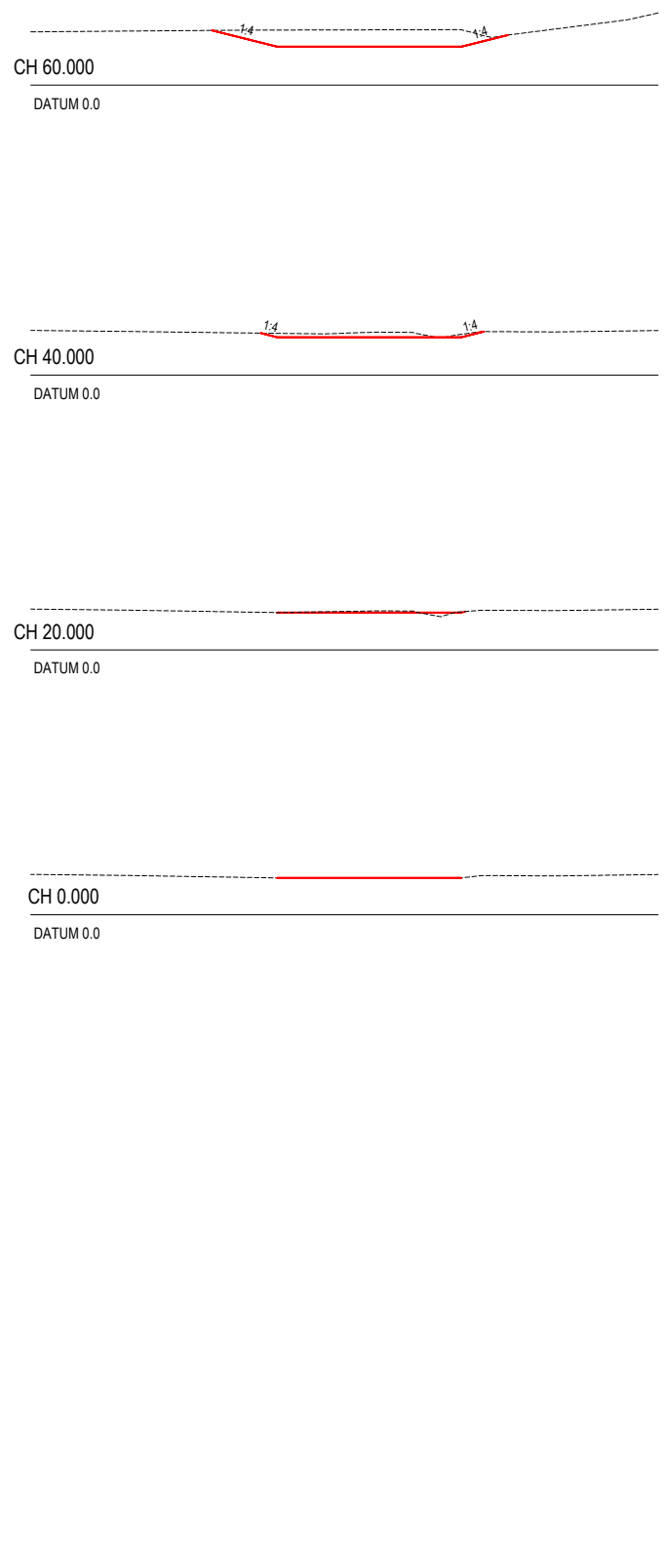
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PROJECT
 161 SANDMERE ROAD
 161 SANDMERE ROAD, PINKENBA
 LOT 482 ON M3321

STATUS
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DRAWING TITLE		PROJECT No.	DRAWING No.	REVISION
TRUNK DRAINAGE CHANNEL PLAN		2025077	SK400	A



TRUNK DRAINAGE CHANNEL CROSS SECTIONS

REV	REVISION DESCRIPTION	DESIGN	DRAWN	DATE	SCALE
A	ISSUE FOR APPROVAL	AR	ED	26.03.26	1:100 1:200

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PROJECT MANAGEMENT
CIVIL ENGINEERING
LAND DEVELOPMENT

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CLIENT

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PROJECT

161 SANDMERE ROAD
161 SANDMERE ROAD, PINKENBA
LOT 482 ON M3321

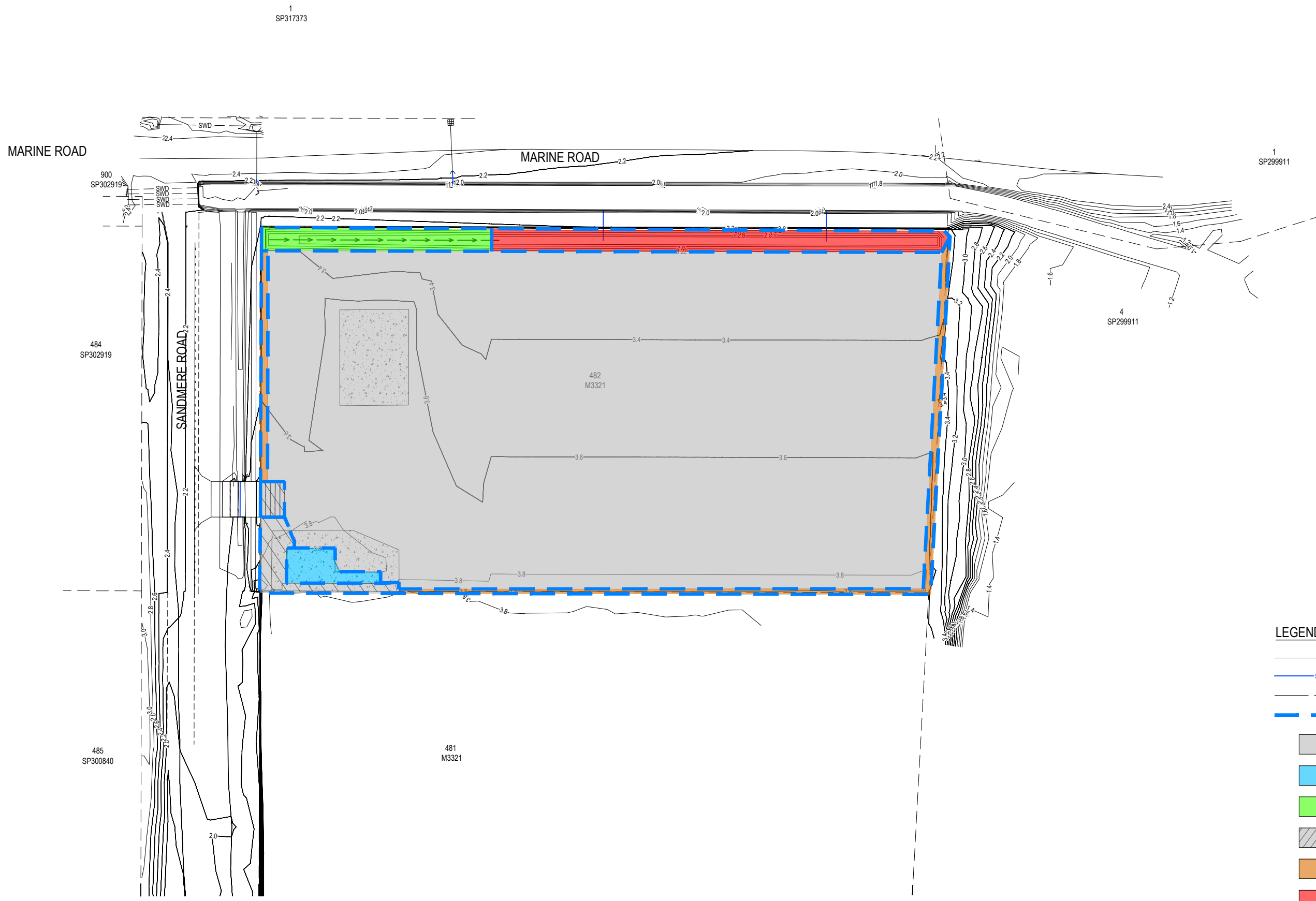
STATUS

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DRAWING TITLE		
TRUNK DRAINAGE CHANNEL CROSS SECTIONS		
PROJECT No.	DRAWING No.	REVISION
2025077	SK401	A



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LEGEND

	62.0	FINISH SURFACE CONTOURS
	SWD	PROPOSED STORMWATER DRAIN
		PROPOSED NOMINAL KERB
		CATCHMENT BOUNDARY
		HARDSTAND AREA - 100% IMPERVIOUS
		ROOF AREA - 100% IMPERVIOUS
		LANDSCAPE AREA - 5% IMPERVIOUS
		HARDSTAND BYPASSING - 100% IMPERVIOUS
		LANDSCAPE AREA BYPASSING - 5% IMPERVIOUS
		STORMWATER TREATMENT AREA FILTER MEDIA AREA = 228m ²



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CIVIL 360
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161 SANDMERE ROAD
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LOT 482 ON M3321

DRAWING TITLE
MUSIC CATCHMENT PLAN

STATUS
ISSUE FOR APPROVAL

PROJECT No. 2025077	DRAWING No. SK410	REVISION A
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