

CIVIL WORKS DRAWINGS FOR ANTARA - SOPA LAND



DRAWING LIST	
DRAWING NUMBER	DRAWING NAME
C00	COVER SHEET, LOCALITY PLAN & DRAWING SCHEDULE
C01	CIVIL WORKS LAYOUT PLAN
C02	TYPICAL SECTION DETAILS SHEET 1
C03	TYPICAL SECTION DETAILS SHEET 1
C10	CROSS SECTIONS SHEET 1
C11	CROSS SECTIONS SHEET 2

GENERAL NOTES.

- GUTTER CROSSING AND KERB WORKS, DRIVEWAY AND FOOTPATH WORKS TO BE DONE IN ACCORDANCE WITH CITY OF CANADA BAY COUNCIL APPENDIX 2 - ENGINEERING SPECIFICATIONS UNLESS OTHERWISE NOTED.
- ALL EROSION AND SEDIMENTATION CONTROL MEASURES ARE TO BE CARRIED OUT IN ACCORDANCE WITH COUNCIL'S CODE OF PRACTICE FOR EROSION AND SEDIMENTATION, AND MUST BE IMPLEMENTED PRIOR TO THE COMMENCEMENT OF ANY BUILDING OF CIVIL WORKS. THE DEVELOPER IS RESPONSIBLE FOR ONGOING MAINTENANCE OF EROSION AND SILTATION CONTROL MEASURES.
- ALL PUBLIC UTILITIES ARE TO BE CLEARLY IDENTIFIED IN THE FIELD PRIOR TO ANY CIVIL WORKS. COUNCIL ACCEPTS NO RESPONSIBILITY FOR DAMAGE OR RELOCATION COSTS TO UTILITIES DURING CONSTRUCTION.
- CITY OF CANADA BAY COUNCIL IS TO BE NOTIFIED PRIOR TO THE COMMENCEMENT OF ANY WORKS.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT ALL WORKS ARE CARRIED OUT IN ACCORDANCE WITH THE WHS ACT 2011.
- PERMISSION TO ENTER, CONSTRUCT WORKS AND DISCHARGE STORMWATER ONTO ADJOINING PROPERTIES IS TO BE OBTAINED AND SUBMITTED TO COUNCIL PRIOR TO COMMENCEMENT OF ANY WORKS.
- ALL RECTIFICATION WORK ARISING FROM INSUFFICIENT INFORMATION BEING SHOWN ON THE SUBMITTED PLANS IS TO BE CARRIED OUT TO THE ENGINEER'S SATISFACTION.
- ALL THE DISTURBED AREAS TO BE SHAPED AND TURFED. SHALL BE 75mm TOP SOIL OF APPROVED LOAM & TURFED.
- RETAINED TREES TO BE FENCED WITH A 1.8m HIGH CHAINWIRE LINK FENCE FULLY SUPPORTED AT GRADE TO MINIMISE THE DISTURBANCE TO EXIST. GROUND CONDITIONS WITHIN THE CANOPY DRIP LINE. "TREE PROTECTION ZONE" SIGNAGE TO BE ATTACHED TO PROTECTIVE FENCING.
- A VEHICLE CROSSING APPLICATION SHALL BE SUBMITTED TO AND APPROVED BY COUNCIL PRIOR TO COMMENCEMENT OF WORK.
- A ROAD-OPENING PERMIT SHALL BE OBTAINED FOR WORKS IN THE ROAD RESERVE PRIOR TO COMMENCEMENT OF WORK IN THE ROAD RESERVE.
- ALL SERVICES (INCLUDING PITS & LIDS) SHALL BE ADJUSTED TO SUIT DESIGN FOOTPATH LEVELS. ALL SERVICES LIDS ON THE FOOTPATH PAVEMENT TO BE REPLACED WITH INFILL PAVER TYPE TO MATCH PROPOSED PAVEMENT FINISH



Project Number

210645

Address

2 MURRAY ROSE AVENUE,
SYDNEY OLYMPIC PARK NSW

Sheet Number

C00

Revision

A



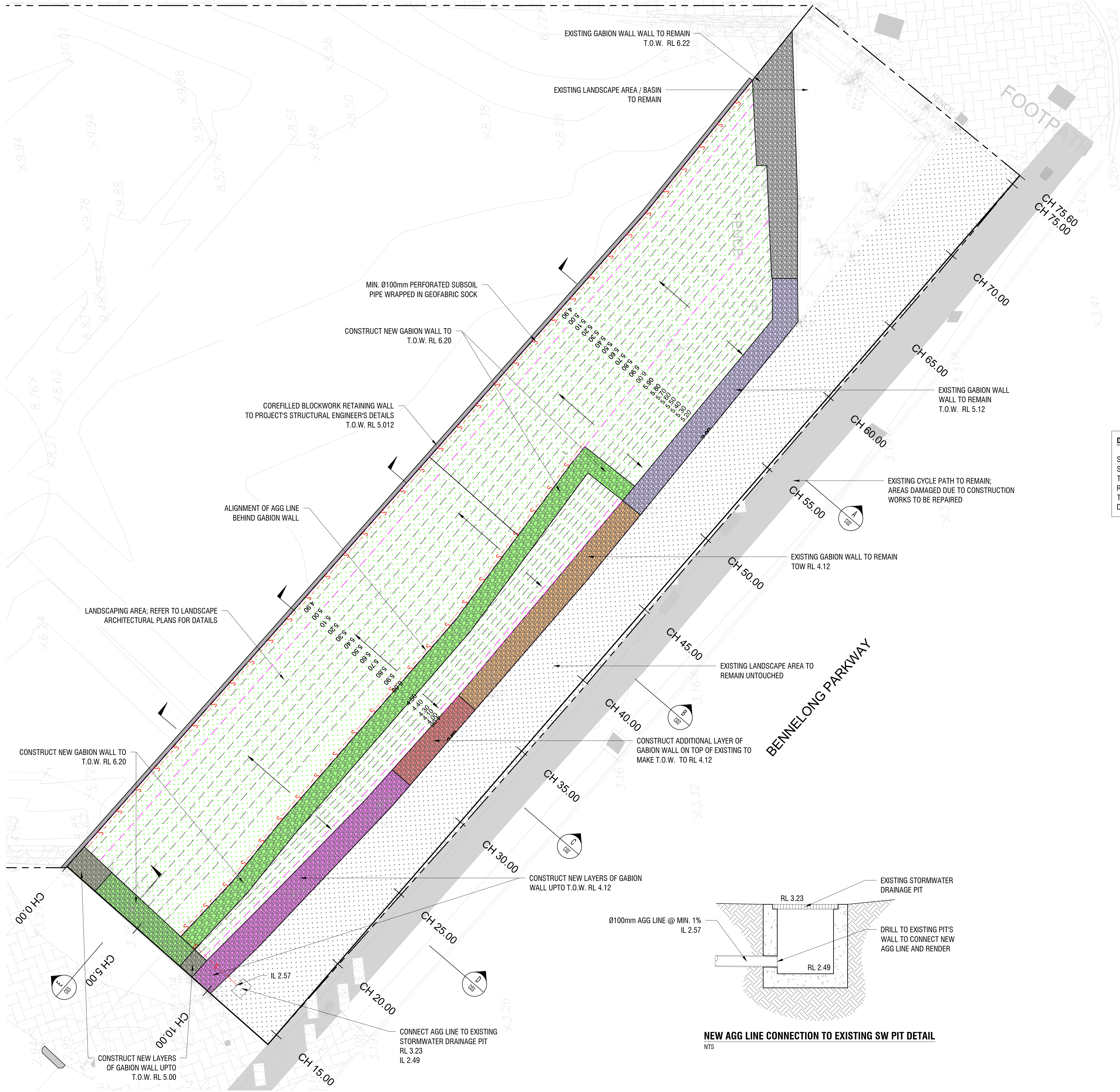
SUIT 2.04, L2, BLDG 3,
35-41 WATERLOO RD., MACQUARIE PARK, NSW 2113
info@smartstruts.com.au | T: (02) 9052 6467

CLIENT

DECODE

ARCHITECT

RPS AAP CONSULTING
PTY LTD



LEGEND

- LANDSCAPING AREA
- EXISTING GABION WALL (T.O.W. 6.22)
- EXISTING GABION WALL (T.O.W. 5.12)
- EXISTING GABION WALL (T.O.W. 4.12)
- ADDITIONAL LAYER OF GABION WALL ON EXSITING TO REACH RL 4.12
- NEW GABION WALL (T.O.W. RL 4.12)
- NEW GABION WALL (T.O.W. RL 5.00)
- NEW GABION WALL (T.O.W. RL 6.00)
- EXISITING LANDSCAPE AREA TO REMAIN UNTOUCHED

DISCLAIMER:

SOPA HAS INSTRUCTED THAT THE EXISTING CONDITION AND GRADIENT OF THE DRAINAGE SWALE IN FRONT OF THE GABION WALL BE MAINTAINED. HOWEVER, DUE TO TOPOGRAPHY OF THE EXISTING SWALE, WHICH FALLS TOWARDS THE GABION WALL, THIS IS NOT RECOMMENDED AS IT MAY RESULT IN WATER PONDING AT THE BASE OF THE WALL. THEREFORE, SMART STRUCTURES AUSTRALIA ACCEPTS NO RESPONSIBILITY FOR ANY DAMAGE ARISING FROM WATER PONDING AT THE BOTTOM OF THE GABION WALL.



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Address
2 MURRAY ROSE AVENUE,
SYDNEY OLYMPIC PARK NSW

Start Date: SEPTEMBER 2024
Project No. 210645

Client: DECODE
Architect: RPS AAP CONSULTING PTY LTD

Approved by: K.E.

Internal Revisions:

Rev. #	Drafter	Engineer	Revision Description	Date
A	J.E.	K.E.	ISSUE FOR REVIEW	30.01.25
B	J.E.	K.E.	ISSUE FOR REVIEW	18.02.25

Notes

- Drawings to be read in conjunction with architectural drawings.
- Refer to architectural drawings for all setout, levels.
- Do not scale any dimensions
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PRELIMINARY
NOT FOR CONSTRUCTION

Project North



Scale @ A1: AS SHOWN

Sheet Name:
CIVIL WORKS
LAYOUT PLAN

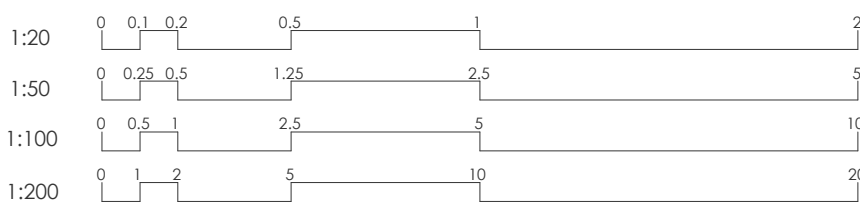
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C01

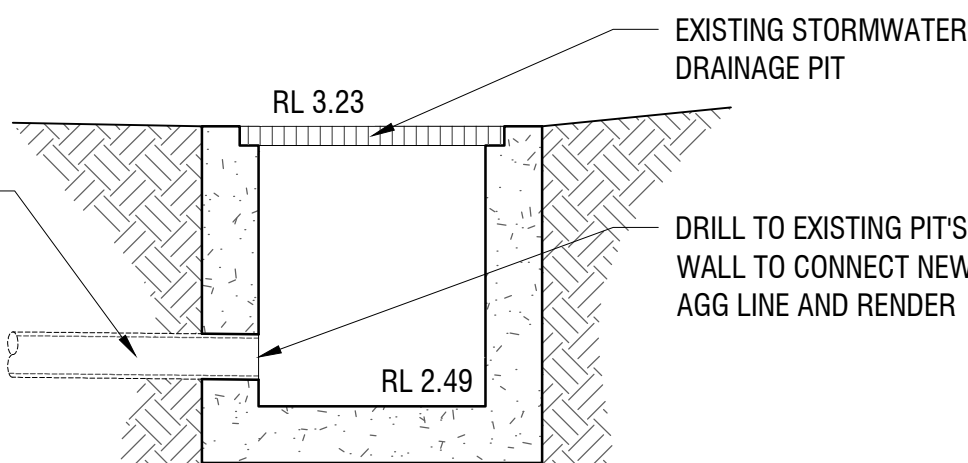
Revision:

B

CIVIL WORKS LAYOUT PLAN
SCALE 1:100



NEW AGG LINE CONNECTION TO EXISTING SW PIT DETAIL
NTS



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CONSTRUCTION METHODOLOGY FOR GABION WALL INSTALLATION:

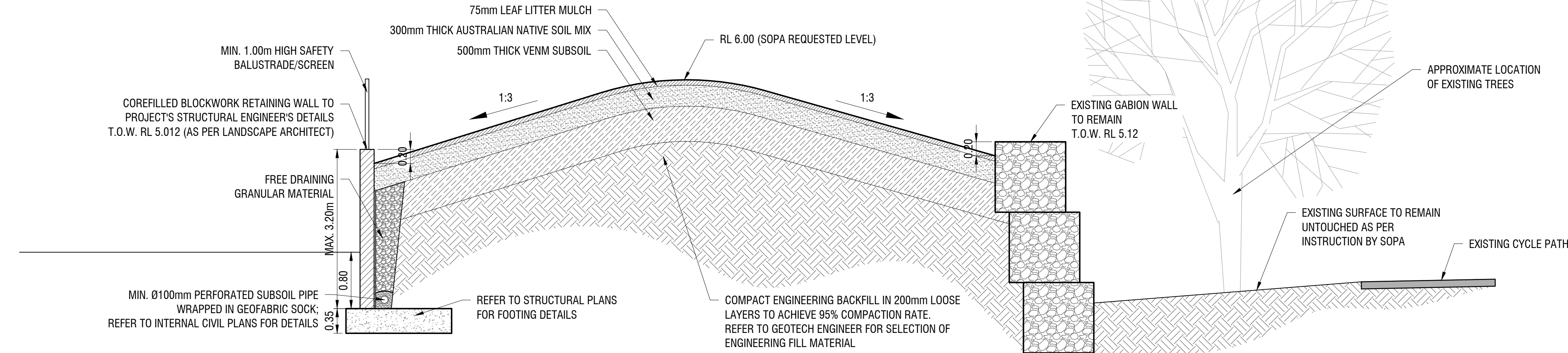
- SITE PREPARATION
 - CLEAR THE SITE OF DEBRIS AND VEGETATION.
 - PROTECT NERBY TREES.
- EXCAVATION AND SUBGRADE
 - EXCAVATE TO THE REQUIRED DEPTH
 - COMPACT SUBGRADE TO ACHIEVE A MINIMUM BEARING CAPACITY OF 200KPa (GEOTECHNICAL ENGINEER TO INSPECT AND APPROVE.
- GEOTEXTILE INSTALLATION
 - LAY GEOTEXTILE FABRIC (145GSM/CLASS A) OVER THE SUBGRADE
 - EXTEND GEOTEXTILE 300mm BEYOND EDGE OF GABIONS.
- GABION BASKET INSTALLATION
 - ASSEMBLE AND PLACE GABION BASKETS AS PER ALIGNMENT AND MAUFACTURER'S DETAILS.
 - SECURE BASKETS TO MAINTAIN STABILITY DURING FILLING.
- FILLING GABION BASKETS
 - FILL BASKETS WITH GRANULAR ROCK (75mm-150mm).
 - HAND-PACK VISIBLE FACES FOR A NEAT APPEARANCE.
 - TIE ALL CONNECTIONS SECURELY AS PER MANUFACTURER'S DETAILS.
- DRAINAGE INSTALLATION
 - INSTALL PERFORATED SUBSOIL PIPE AT THE BASE WRAPPED IN GEOFABRIC SOCK.
 - SURROUND PIPE WITH 100mm OF DRAINAGE GRAVEL.
- BACKFILLING
 - BACKFILL WITH VENM SUBSOIL IN LAYERS (MAX. 200mm).
 - COMPACT EACH LAYER TO 95% MODIFIED DRY DENSITY.
- SURFACE FINISH
 - MAINTAIN A 10% SLOPE ON THE FINISHED SURFACE TO ENSURE DRAINAGE AWAY FROM THE WALL.

GEOFABRIC / GEOTEXTILE SPECIFICATIONS:

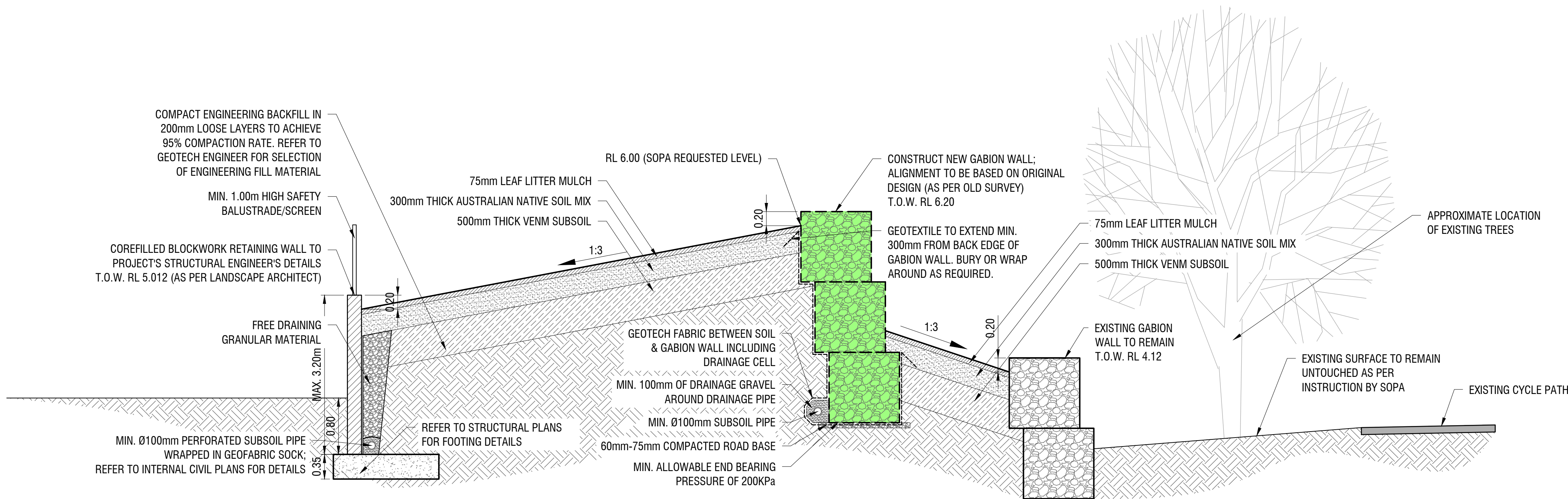
- 145GSM / CLASS A
- NON-WOVEN
- NEEDLE PUNCHED
- HIGH STRENGTH
- PUNCTURE AND TEAR RESISTANT
- TESTED FOR AUSTRALIAN STANDARDS

DISCLAIMER:

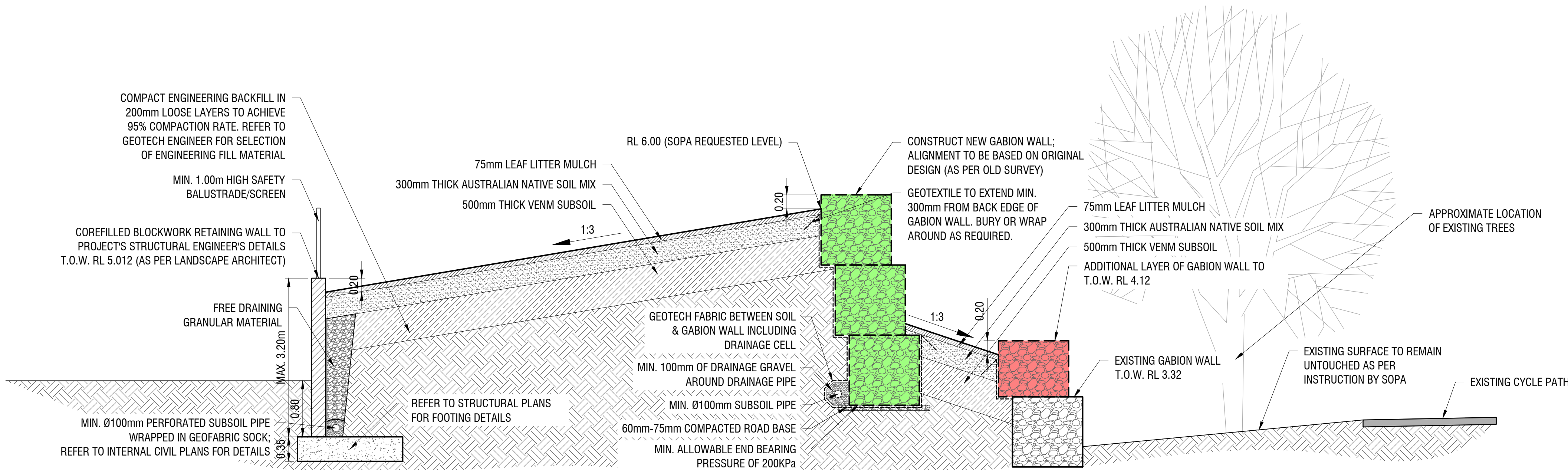
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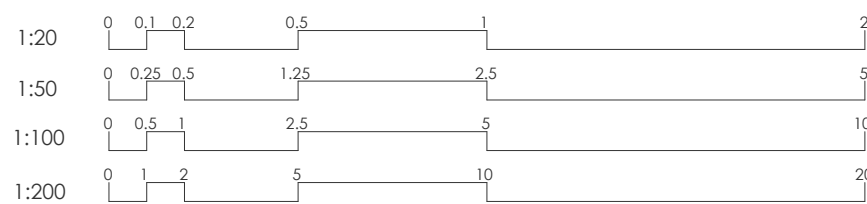
SECTION A: EXISTING GABION WALL T.O.W. @ RL 5.12
SCALE NTS



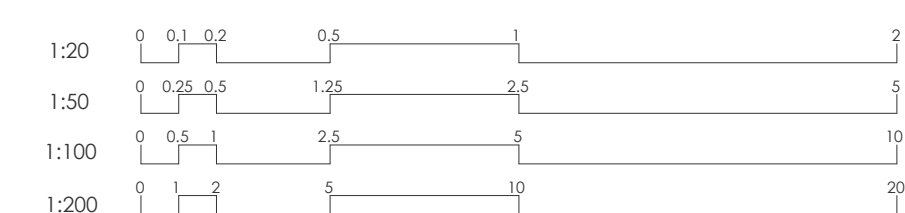
SECTION B: EXISTING GABION WALL T.O.W. @ RL 4.12
SCALE NTS



SECTION C: EXISTING GABION WALL T.O.W. @ RL 3.32
SCALE NTS



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Client:
DECODE

Architect:
RPS AAP CONSULTING PTY LTD

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A	J.E.	K.E.	30.01.25
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C	J.E.	K.E.	30.04.25
		ISSUE FOR REVIEW	

**PRELIMINARY
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Project North

Sheet Name:

TYPICAL SECTION DETAILS

SHEET 2

C03

C

Project No. 010015

DECODE

Architect:

Approved by: **K.E.**

Internal Revisions

Rev. #	Drafter	Engineer	Date
	Revision	Description	
A	J.E.	K.E.	30.01.2
	ISSUE FOR REVIEW		
B	J.E.	K.E.	18.02.2
	ISSUE FOR REVIEW		

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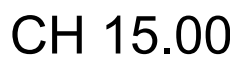
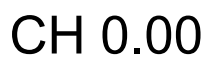
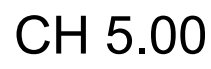
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CROSS SECTIONS SHEET 1

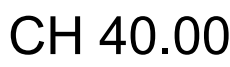
Sheet Number:

Revisions:

B



SCALE 1:100





Start Date: SEPTEMBER 2024

Project No. 210645

Approved by: K.E

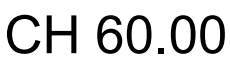
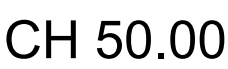
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		ISSUE FOR REVIEW	

**PRELIMINARY
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C11

Revision: _____

B



SCALE 1:100

