32-34 Georges Bay Esplanade
St Helens Tasmania 7216
T: 03 6376 7900 | ABN 96 017 131 248

Break O'Day COUNCIL

Development Applications

Notice is hereby given under Section 57(3) of the *Land Use Planning & Approvals Act 1993* that an application has been made to the Break O' Day Council for a permit for the use or development of land as follows:

DA Number	DA 2026 / 00137
Applicant	T Novakovic
Proposal	Residential - Construction of Dwelling with Attached Deck & Pergola, Separate Garage with Attached Secondary Residence and Separate Art Studio with Attached Deck and Awning
Location	47 Winifred Drive, Scamander (CT 185524/7)

Plans and documents can be inspected at the Council Office by appointment, 32 – 34 Georges Bay Esplanade, St Helens during normal office hours or online at www.bodc.tas.gov.au.

Representations must be submitted in writing to the General Manager, Break O'Day Council, 32 -34 Georges Bay Esplanade, St Helens 7216 or emailed to admin@bodc.tas.gov.au, and referenced with the Application Number in accordance with section 57(5) of the abovementioned Act during the fourteen (14) day advertised period commencing on Saturday 8th August 2026 **until 5pm Friday 21st August 2026.**

John Brown
GENERAL MANAGER

MORRIS - SCAMANDER

47 WINIFRED DR, SCAMANDER TAS 7215

PLANNING PERMIT - STAGE 04 31/07/2026

PROJECT DETAILS

PROJECT NAME:	MORRIS - SCAMANDER
PROJECT NUMBER:	2605
PROJECT STAGE:	STAGE 04
TITLE LOT/PLAN:	185524/7

SITE DETAILS

SITE AREA:	995m²
BAL RATING:	29
SOIL CLASS:	TBC
WIND RATING:	TBC
CLIMATE ZONE:	ZONE 7
DISTANCE TO BREAKING SURF:	400m
PLANNING ZONE:	GENERAL RESIDENTIAL
SITE HAZARDS / OVERLAYS:	PRIORITY VEGETATION AREA, BUSHFIRE-PRONE AREAS, STORMWATER MANAGEMENT SPECIFIC AREA PLAN

Sheet Index

AERIAL VIEW
1:500

REVISION	ISSUE NAME	DATE	CHANGE ID	CHANGE NAME
01	Issue to Council	3/07/2026		
02	Response to RFI	31/07/2026		

NOTES

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Check and verify all dimensions prior to commencement of work.

BAL 29

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E. HELLO@ARKULAR.COM WWW.ARKULAR.COM

PROJECT
MORRIS - SCAMANDER

ADDRESS
47 WINIFRED DR, SCAMANDER TAS 7215

FOR
NICK MORRIS

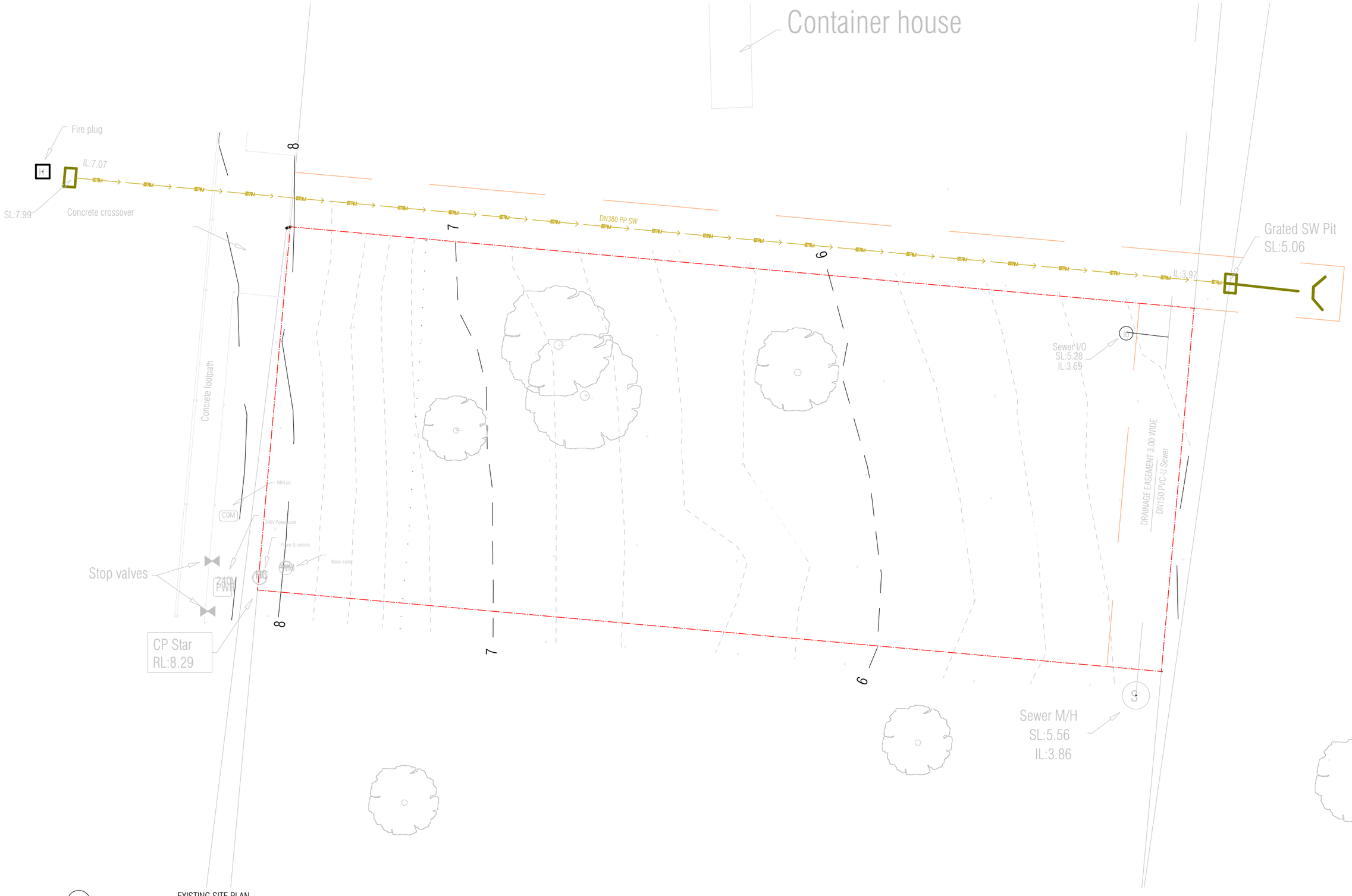
STAGE 04

TITLE
COVER PAGE

SCALE	1:1, 1:500@A3
DRAWN	GM
ORIGINAL ISSUE	31/07/2026
REVISION No.	P01

JOB No.
2605

DRAWING No.
A.000



EXISTING SITE PLAN
1:200

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PROJECT
MORRIS - SCAMANDER

ADDRESS
47 WINIFRED DR, SCAMANDER TAS 7215

FOR
NICK MORRIS

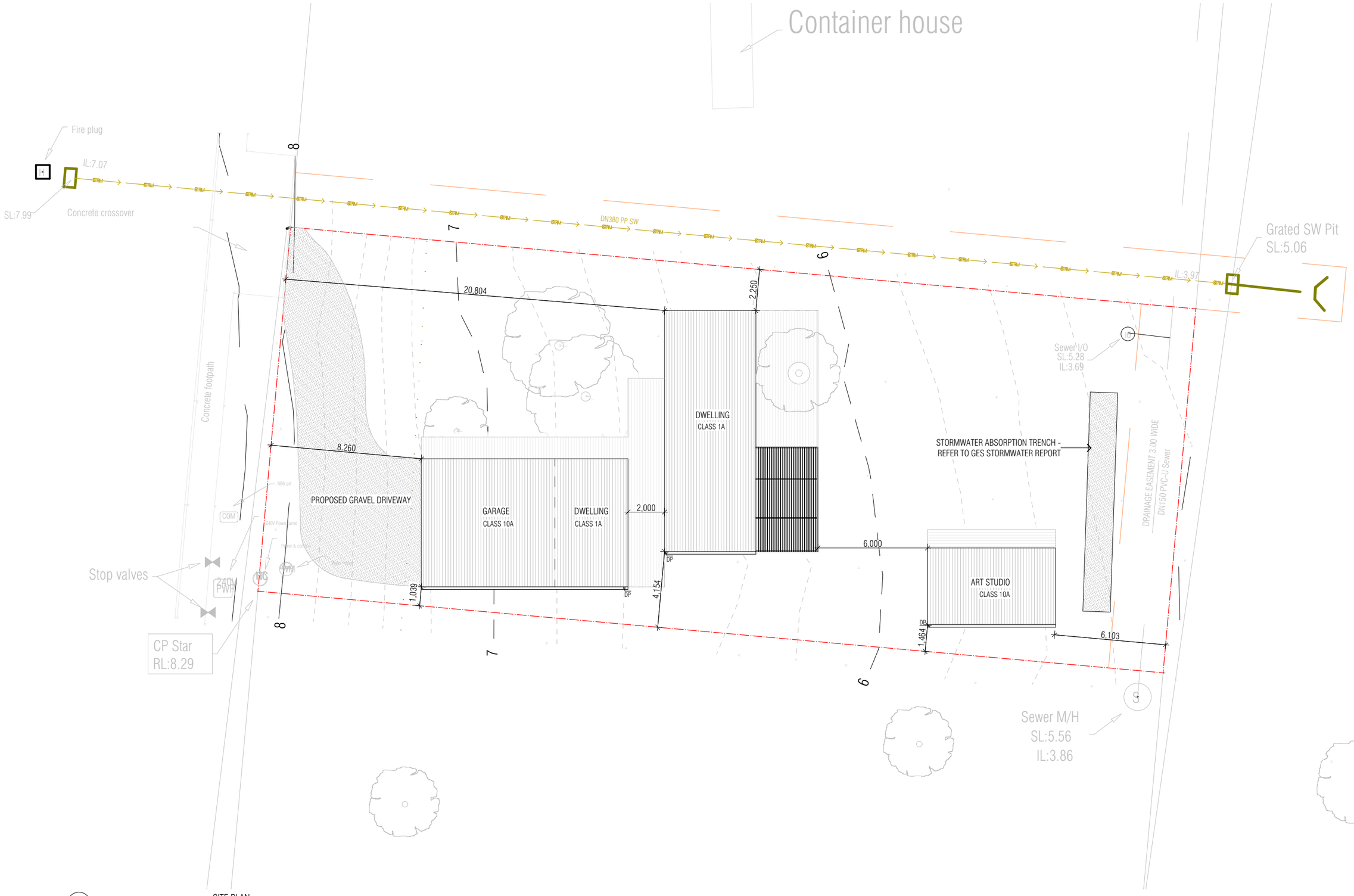
STAGE 04

TITLE
EXISTING SITE PLAN

SCALE	1:200@A3
DRAWN	GM
ORIGINAL ISSUE	31/07/2026
REVISION No.	P01

JOB No. 2605

DRAWING No. A.100



SITE PLAN
1:200

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PROJECT
MORRIS - SCAMANDER

ADDRESS
47 WINIFRED DR, SCAMANDER TAS 7215

FOR
NICK MORRIS

STAGE 04

TITLE
PROPOSED SITE PLAN

SCALE	1:200@A3
DRAWN	GM
ORIGINAL ISSUE	31/07/2026
REVISION No.	P01

JOB No.
2605

DRAWING No.
A.101

EROSION AND SEDIMENT CONTROL NOTES

1. SITE WORKS WILL NOT START UNTIL THE EROSION AND SEDIMENT CONTROL WORKS OUTLINED IN CLAUSES 2 TO 4, BELOW, ARE INSTALLED AND FUNCTIONAL.

2. THE ENTRY TO AND DEPARTURE OF VEHICLES FROM THE SITE WILL BE CONFINED TO ONE STABILISED POINT. SEDIMENT OR BARRIER FENCING WILL BE USED TO RESTRICT ALL VEHICULAR MOVEMENTS TO THAT POINT. STABILISATION WILL BE ACHIEVED BY EITHER:
- CONSTRUCTING A SEALED (E.G. CONCRETE OR ASPHALT) DRIVEWAY TO THE STREET
- CONSTRUCTING A STABILISED SITE ACCESS FOLLOWING STANDARD DRAWING SD 6-14 OR OTHER SUITABLE TECHNIQUE APPROVED BY THE COUNCIL.

3. SEDIMENT FENCES (SD 6-8) AND BARRIER FENCES WILL BE INSTALLED AS SHOWN ON THE ATTACHED DRAWING.

4. TOPSOIL FROM THE WORK'S AREA WILL BE STRIPPED AND STOCKPILED (SD 4-1) FOR LATER USE IN LANDSCAPING THE SITE.

5. ALL STOCKPILES WILL BE PLACED IN THE LOCATION SHOWN ON THE ESCP AND AT LEAST 2 METRES CLEAR OF ALL AREAS OF POSSIBLE AREAS OF CONCENTRATED WATER FLOW, INCLUDING DRIVEWAYS.

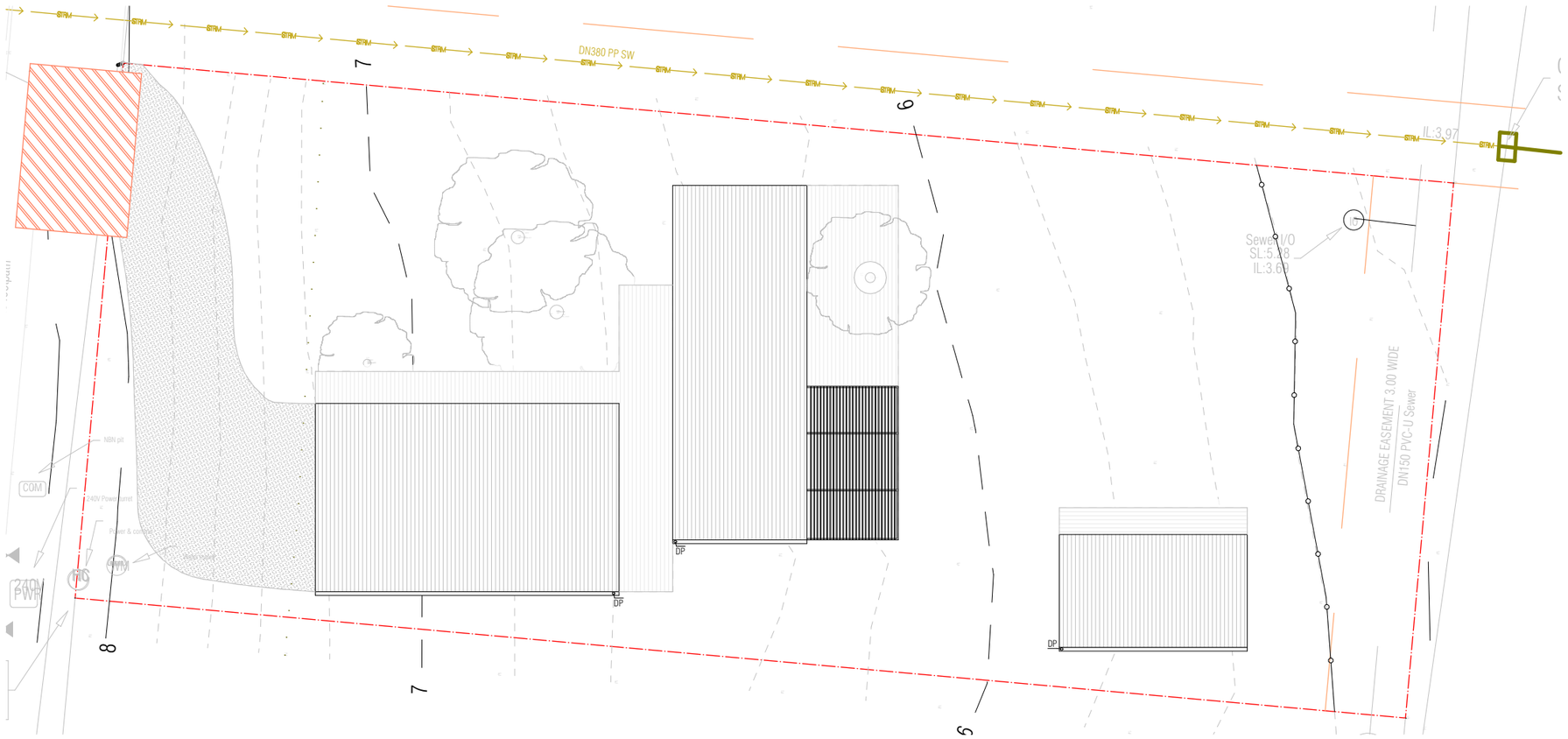
6. LANDS TO THE REAR OF THE ALLOTMENT AND ON THE FOOTPATH WILL NOT BE DISTURBED DURING WORKS EXCEPT WHERE ESSENTIAL, E.G. DRAINAGE WORKS ACROSS THE FOOTPATH. WHERE WORKS ARE NECESSARY, THEY WILL BE UNDERTAKEN IN SUCH A WAY TO MINIMISE THE OCCURRENCE OF SOIL EROSION, EVEN FOR SHORT PERIODS. THEY WILL BE REHABILITATED (GRASSED) AS SOON AS POSSIBLE. STOCKPILES WILL NOT BE PLACED ON THESE LANDS AND THEY WILL NOT BE USED AS VEHICLE PARKING AREAS.

7. APPROVED BINS FOR BUILDING WASTE, CONCRETE AND MORTAR SLURRIES, PAINTS, ACID WASHINGS AND LITTER WILL BE PROVIDED AND ARRANGEMENTS MADE FOR REGULAR COLLECTION AND DISPOSAL.

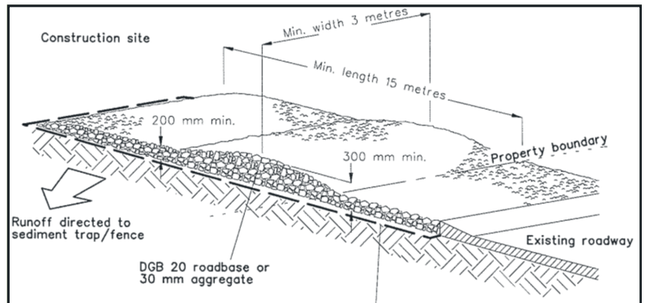
8. GUTTERING WILL BE CONNECTED TO THE STORMWATER SYSTEM OR THE RAINWATER TANK AS SOON AS PRACTICABLE.

9. TOPSOIL WILL BE RESPREAD AND ALL DISTURBED AREAS WILL BE STABILISED WITHIN 20 WORKING DAYS OF THE COMPLETION OF WORKS.

10. ALL EROSION AND SEDIMENT CONTROLS WILL BE CHECKED AT LEAST WEEKLY AND AFTER RAIN TO ENSURE THEY ARE MAINTAINED IN A FULLY FUNCTIONAL CONDITION.



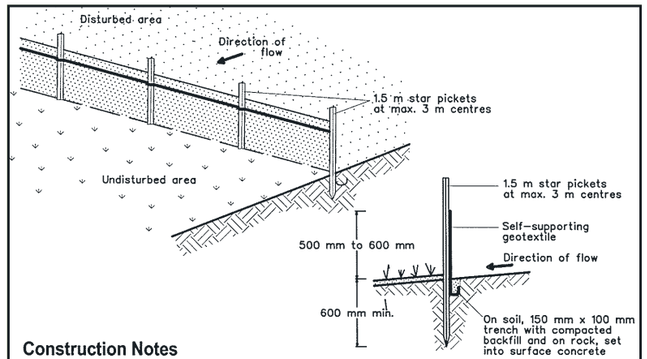
EROSION CONTROL PLAN
1:200



Construction Notes

1. Strip topsoil and level site.
2. Compact subgrade.
3. Cover area with needle-punched geotextile.
4. Construct 200 mm thick pad over geotextile using roadbase or 30 mm aggregate. Minimum length 15 metres or to building alignment. Minimum width 3 metres.
5. Construct hump immediately within boundary to divert water to a sediment fence or other sediment trap.

STABILISED SITE ACCESS **SD 6-14**



Construction Notes

1. Construct sediment fence as close as possible to parallel to the contours of the site.
2. Drive 1.5 metre long star pickets into ground, 2.5 metres apart (max.).
3. Dig a 150 mm deep trench along the upslope line of the fence for the bottom of the fabric to be entrenched.
4. Fix self-supporting geotextile to upslope side of posts with wire ties or as recommended by geotextile manufacturer.
5. Join sections of fabric at a support post with a 150 mm overlap.
6. Backfill the trenchover the base of the fabric and compact it thoroughly over the geotextile

SEDIMENT FENCE **SD 6-8**

SUBJECT SITE BOUNDARY
PROPOSED DWELLING
STABILISED ENTRY/EXIT POINT
SEDIMENT FENCE
NATURAL CONTOURS

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BAL 29

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10 YORK STREET, RICHMOND, 3121, AUSTRALIA P. 0477 143 711
E. HELLO@ARKULAR.COM WWW.ARKULAR.COM

PROJECT
MORRIS - SCAMANDER

ADDRESS
47 WINIFRED DR, SCAMANDER TAS 7215

FOR
NICK MORRIS

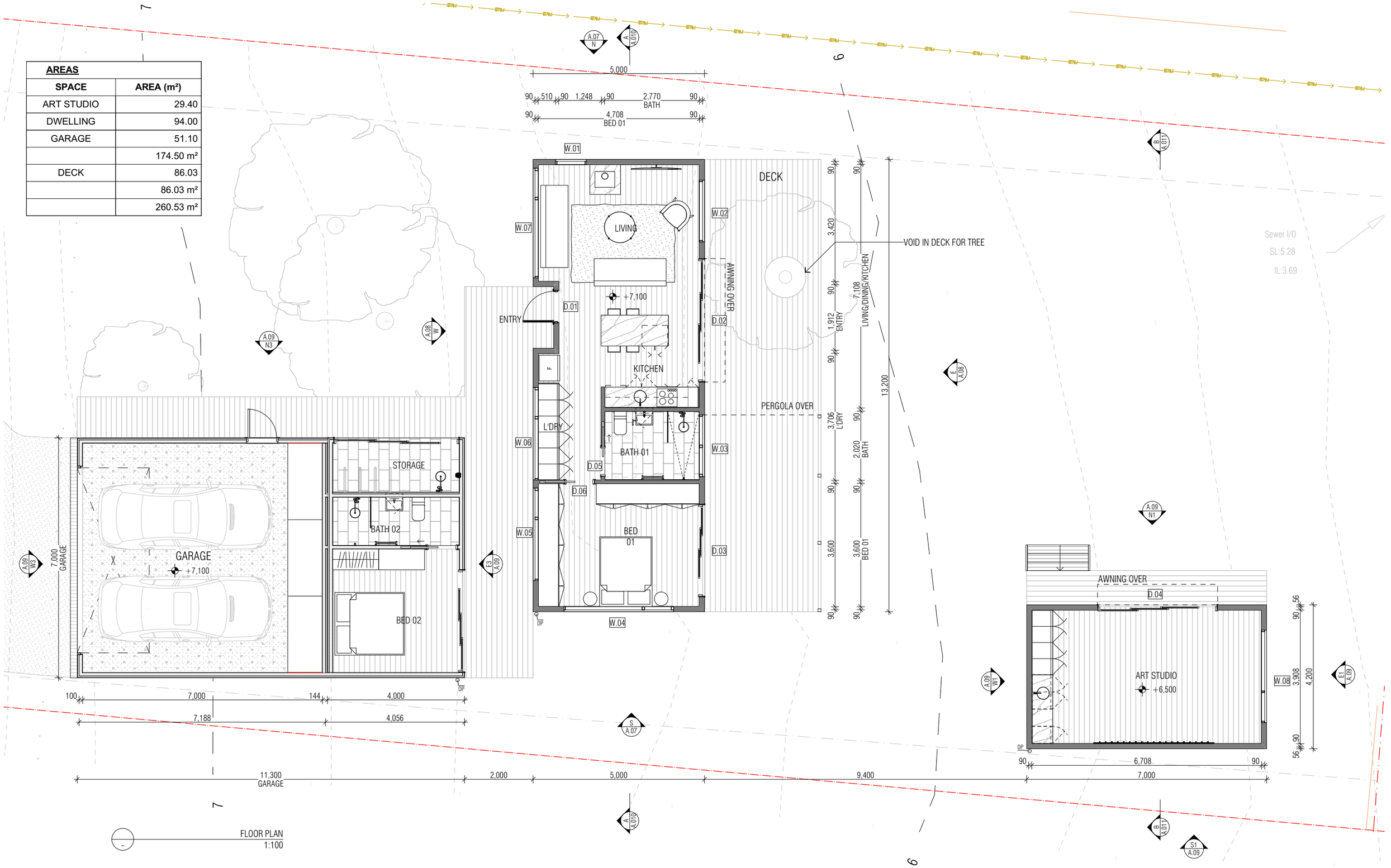
STAGE 04

TITLE
EROSION CONTROL

SCALE	1:200@A3
DRAWN	GM
ORIGINAL ISSUE	31/07/2026
REVISION No.	P01

JOB No. 2605
DRAWING No. A.102

AREAS	
SPACE	**AREA (m²)**
ART STUDIO	29.40
DWELLING	94.00
GARAGE	51.10
	174.50 m²
DECK	86.03
	86.03 m²
	260.53 m²



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PROJECT
MORRIS - SCAMANDER

ADDRESS
47 WINIFRED DR, SCAMANDER TAS 7215

FOR
NICK MORRIS

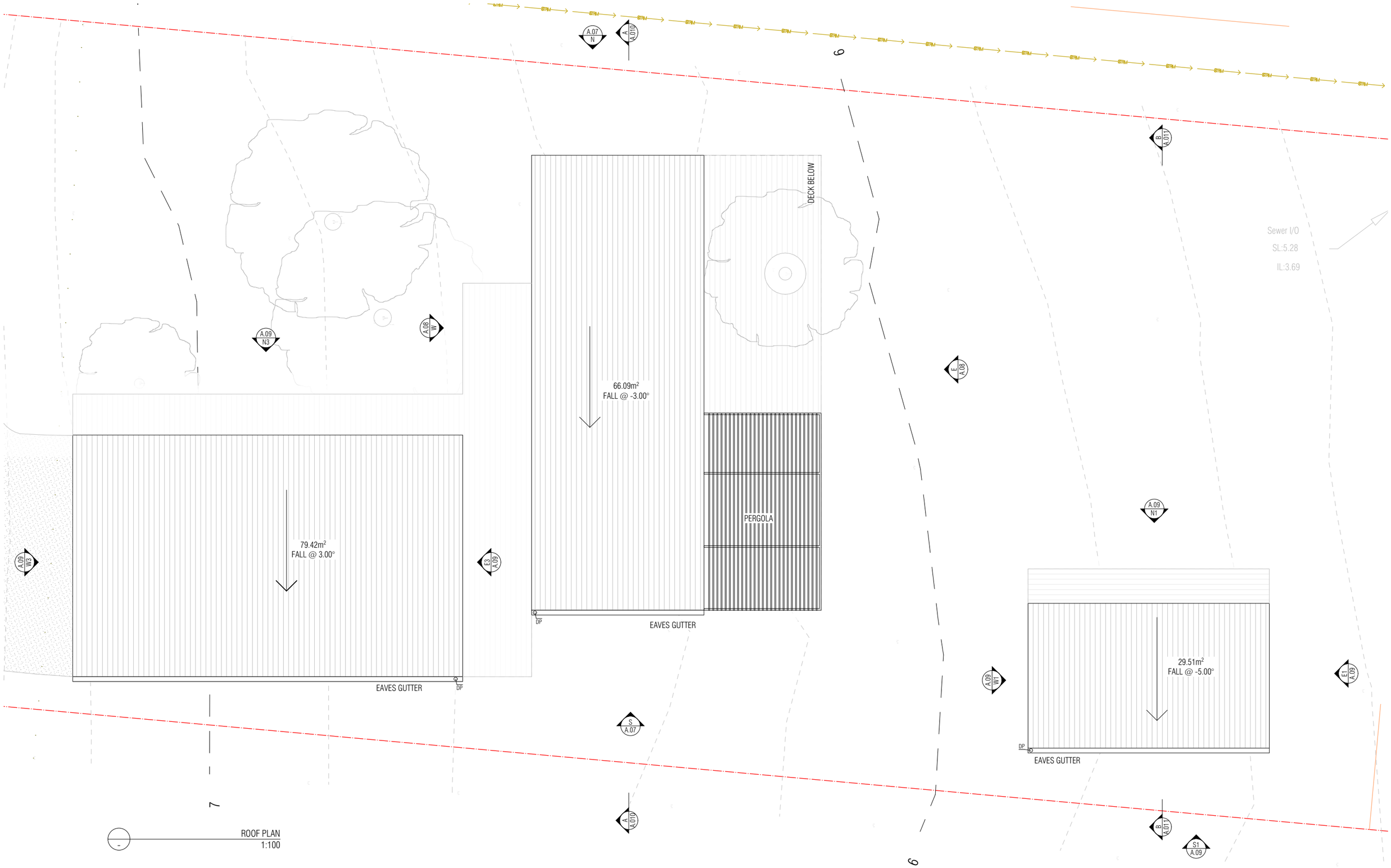
STAGE 04

TITLE
FLOOR PLAN

SCALE	1:100, 1:1@A3
DRAWN	GM
ORIGINAL ISSUE	31/07/2026
REVISION No.	P01

JOB No.
2605

DRAWING No.
A.200



ROOF PLAN
1:100

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PROJECT
MORRIS - SCAMANDER

ADDRESS
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FOR
NICK MORRIS

STAGE 04

TITLE
ROOF PLAN

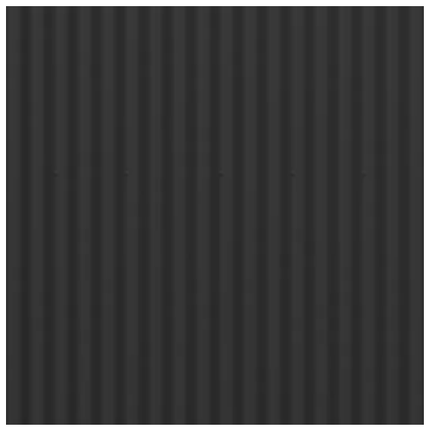
SCALE	1:100@A3
DRAWN	GM
ORIGINAL ISSUE	31/07/2026
REVISION No.	P01

JOB No.
2605

DRAWING No.
A.201

PROPOSED EXTERNAL FINISHES

WTX01 - VERTICAL DARK CLADDING



R1 - DARK METAL ROOF

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PROJECT
MORRIS - SCAMANDER

ADDRESS
47 WINIFRED DR, SCAMANDER TAS 7215

FOR
NICK MORRIS

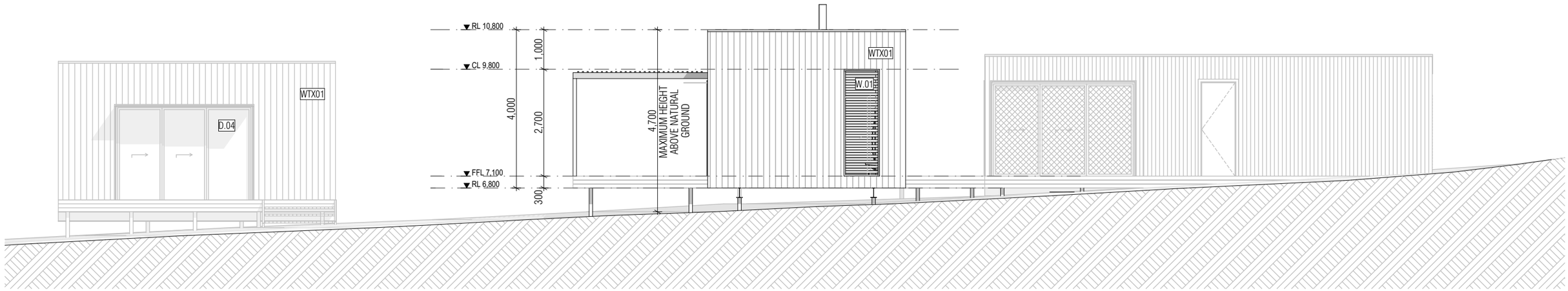
STAGE 04

TITLE
MATERIALS

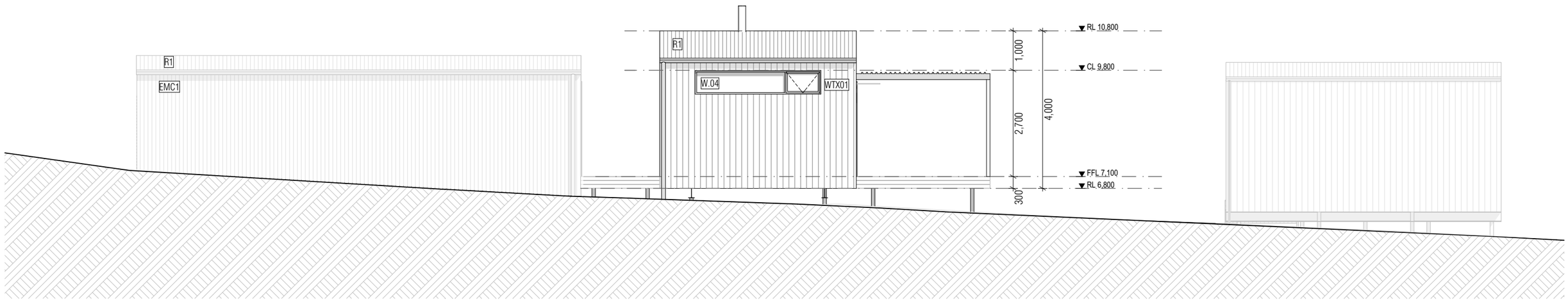
SCALE	@A3
DRAWN	GM
ORIGINAL ISSUE	31/07/2026
REVISION No.	P01

JOB No. 2605

DRAWING No. A.300



N01 - NORTH ELEVATION
1:100



S01 - SOUTH ELEVATION 01
1:100

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PROJECT
MORRIS - SCAMANDER

ADDRESS
47 WINIFRED DR, SCAMANDER TAS 7215

FOR
NICK MORRIS

STAGE 04

TITLE
ELEVATIONS

SCALE	1:100@A3
DRAWN	GM
ORIGINAL ISSUE	31/07/2026
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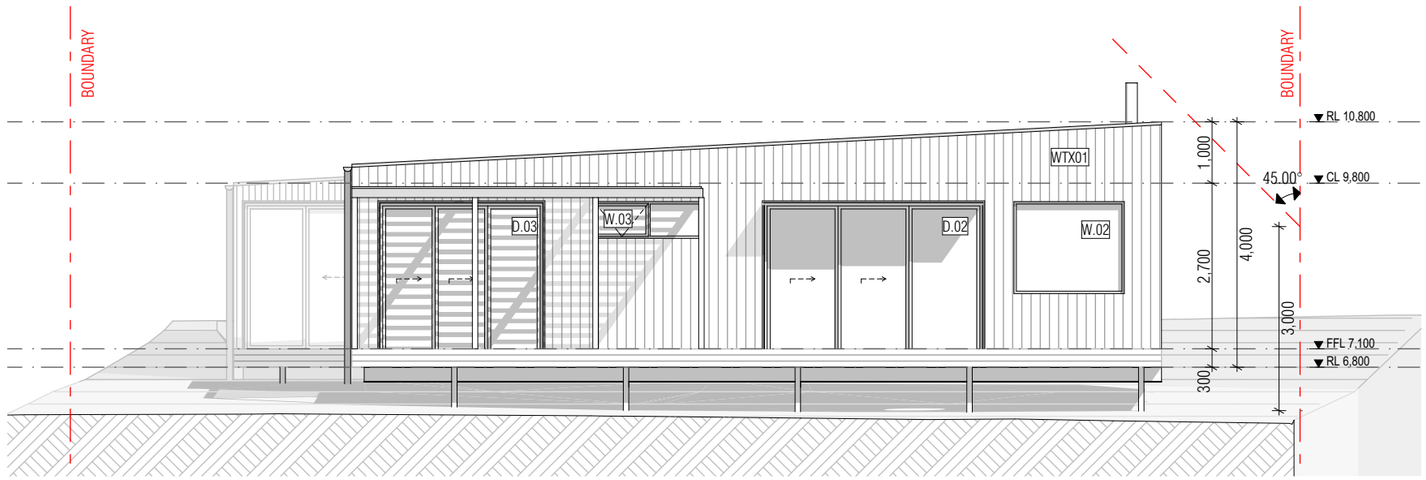
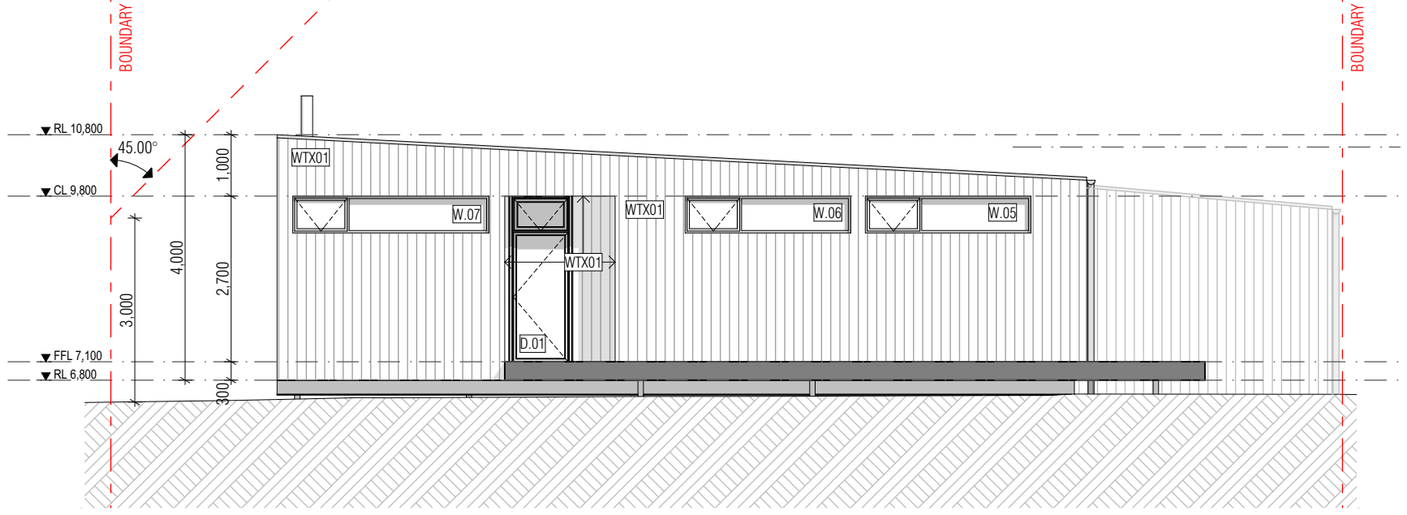
JOB No. 2605

DRAWING No. A.301



E01 - EAST ELEVATION 01
1:100



W01 - WEST ELEVATION 01
1:100

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PROJECT
MORRIS - SCAMANDER

ADDRESS
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FOR
NICK MORRIS

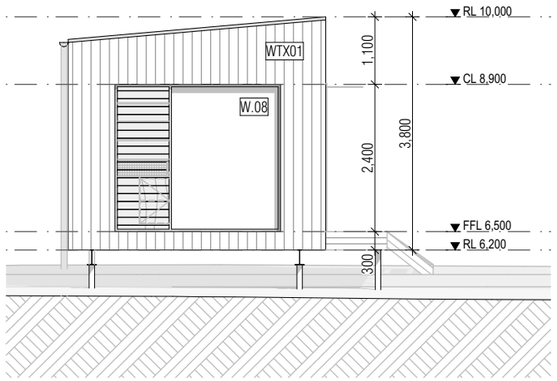
STAGE 04

TITLE
ELEVATIONS

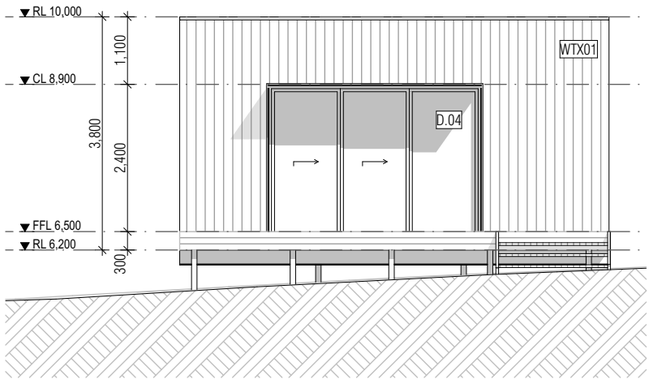
SCALE	1:100@A3
DRAWN	GM
ORIGINAL ISSUE	31/07/2026
REVISION No.	P01

JOB No. 2605

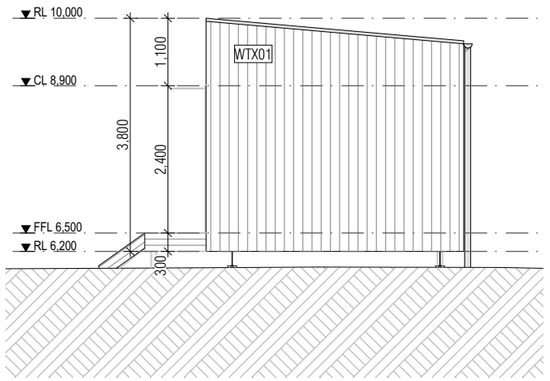
DRAWING No. A.302



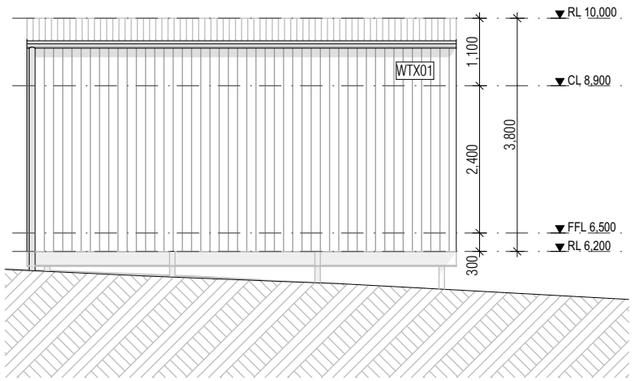
E02 - EAST ELEVATION 1:100



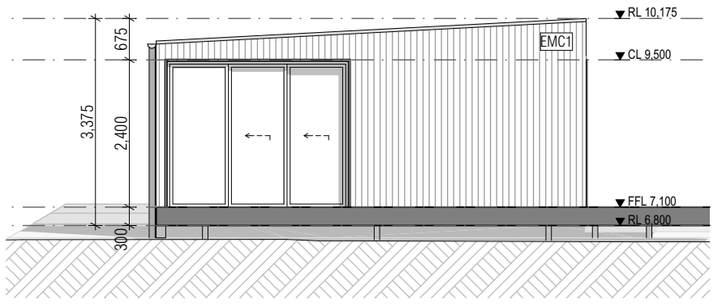
N02 - NORTH ELEVATION 1:100



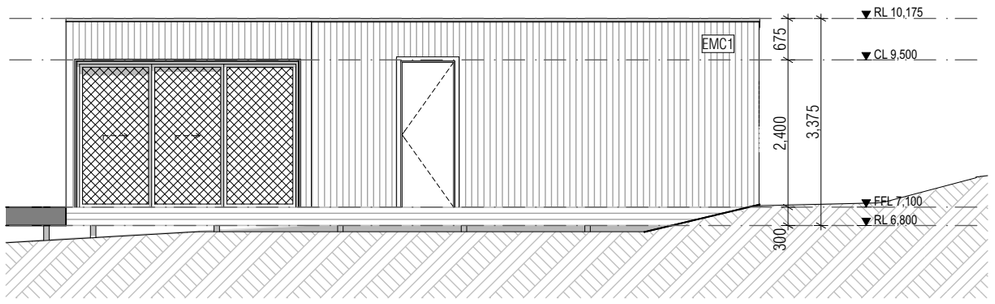
W02 - WEST ELEVATION 1:100



S02 - SOUTH ELEVATION 1:100



E3 - EAST ELEVATION 1:100



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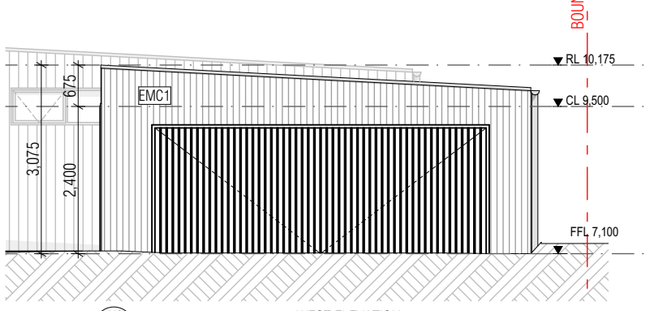

W3 - WEST ELEVATION 1:100

PROPOSED EXTERNAL FINISHES

EMC1 - DARK METAL CLADDING

WTX01 - VERTICAL DARK CLADDING

R1 - DARK METAL ROOF

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E. HELLO@ARKULAR.COM WWW.ARKULAR.COM

PROJECT
MORRIS - SCAMANDER

ADDRESS
47 WINIFRED DR, SCAMANDER TAS 7215

FOR
NICK MORRIS

STAGE 04

TITLE
ELEVATIONS (STUDIO & GARAGE)

SCALE	1:100@A3
DRAWN	GM
ORIGINAL ISSUE	31/07/2026
REVISION No.	P01

JOB No. 2605

DRAWING No. A.303

A
-
SECTION AA
1:50

REVISION	ISSUE NAME	DATE	CHANGE ID	CHANGE NAME
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PROJECT
MORRIS - SCAMANDER

ADDRESS
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FOR
NICK MORRIS

STAGE 04

TITLE
SECTION AA

SCALE	1:50@A3
DRAWN	GM
ORIGINAL ISSUE	31/07/2026
REVISION No.	P01

JOB No. 2605

DRAWING No. A.400

B
-
SECTION BB
1:50

REVISION	ISSUE NAME	DATE	CHANGE ID	CHANGE NAME
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FOR
NICK MORRIS

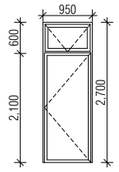
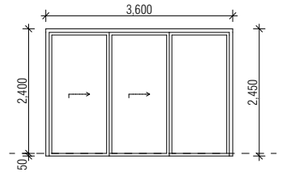
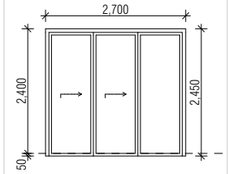
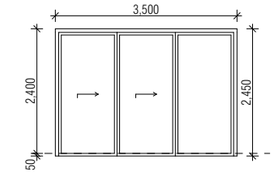
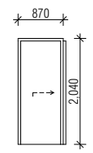
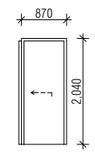
STAGE 04

TITLE
SECTION BB

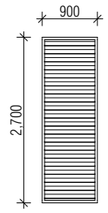
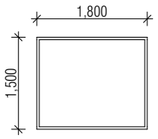
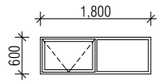
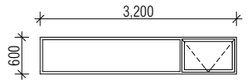
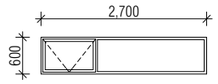
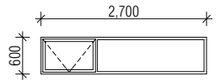
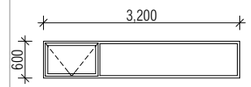
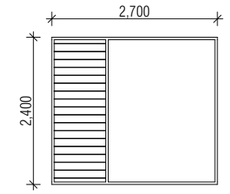
SCALE	1:50@A3
DRAWN	GM
ORIGINAL ISSUE	31/07/2026
REVISION No.	P01

JOB No. 2605

DRAWING No. A.401

EXTERNAL VIEW						
ID	D.01	D.02	D.03	D.04	D.05	D.06
OPERATION	SWING DOOR + AWNING TOP LIGHT	SLIDING DOOR	SLIDING DOOR	SLIDING DOOR	CAVITY SLIDER	CAVITY SLIDER
SILL HEIGHT	0	-50	-50	-650	0	0
NOMINAL W x H	950×2,700	3,600×2,450	2,700×2,450	3,500×2,450	870×2,040	870×2,040
FINISH	POWDER COATED - REFER TO SPEC	POWDER COATED - REFER TO SPEC	POWDER COATED - REFER TO SPEC	POWDER COATED - REFER TO SPEC	PAINTED - HOLLOW CORE	PAINTED - HOLLOW CORE
FRAME	ALUMINIUM	ALUMINIUM	ALUMINIUM	ALUMINIUM	TIMBER	TIMBER
GLAZING	DOUBLE GLAZING	DOUBLE GLAZING	DOUBLE GLAZING	DOUBLE GLAZING	N/A	N/A
TOUGHENED GLASS	N/A	N/A	N/A	N/A	N/A	N/A
SAFETY STRIP	YES	YES	YES	YES	N/A	N/A
FLYSCREEN	YES	YES	YES	YES	N/A	N/A
LOCKS	KEY LOCK	KEY LOCK	KEY LOCK	KEY LOCK	PRIVACY LOCK	N/A
Position	Exterior	Exterior	Exterior	Exterior	Interior	Interior
BAL RATING	-	-	-	-	-	-
U-VALUE	PER ENERGY REPORT	PER ENERGY REPORT	PER ENERGY REPORT	PER ENERGY REPORT	N/A	N/A
SHGC	PER ENERGY REPORT	PER ENERGY REPORT	PER ENERGY REPORT	PER ENERGY REPORT	N/A	N/A
NOTES	-	-	-	-	-	-

DOOR SCHEDULE

EXTERNAL VIEW								
ID	W.01	W.02	W.03	W.04	W.05	W.06	W.07	W.08
HEAD HEIGHT	2,700	2,400	2,400	2,693	2,700	2,700	2,700	1,800
SILL HEIGHT	0	900	1,800	2,093	2,100	2,100	2,100	-600
NOMINAL SIZE W x H	900×2,700	1,800×1,500	1,800×600	3,200×600	2,700×600	2,700×600	3,200×600	2,700×2,400
OPERATION	LOUVRE	FIXED	FIXED + AWNING	FIXED + AWNING	FIXED + AWNING	FIXED + AWNING	FIXED + AWNING	FIXED + LOUVRE
GLAZING	SINGLE GLAZING - CLEAR	DOUBLE GLAZING - CLEAR	DOUBLE GLAZING - CLEAR	DOUBLE GLAZING - CLEAR	DOUBLE GLAZING - CLEAR	DOUBLE GLAZING - CLEAR	DOUBLE GLAZING - CLEAR	DOUBLE GLAZING - CLEAR + SINGLE GLAZING - CLEAR (LOUVRES)
FRAME	ALUMINIUM	ALUMINIUM	ALUMINIUM	ALUMINIUM	ALUMINIUM	ALUMINIUM	ALUMINIUM	ALUMINIUM
SAFETY STRIP	NO	NO	NO	NO	NO	NO	NO	NO
FLYSCREEN	YES	N/A	YES	YES	YES	YES	YES	N/A
TOUGHENED GLASS	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WINDOW RESTRICTOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
LOCKS	KEY LOCK	N/A	KEY LOCK CHAIN WINDER	KEY LOCK CHAIN WINDER	KEY LOCK CHAIN WINDER	KEY LOCK CHAIN WINDER	KEY LOCK CHAIN WINDER	N/A
BAL RATING	-	-	-	-	-	-	-	-
U-VALUE	PER ENERGY REPORT	PER ENERGY REPORT	PER ENERGY REPORT	PER ENERGY REPORT	PER ENERGY REPORT	PER ENERGY REPORT	PER ENERGY REPORT	PER ENERGY REPORT
SHGC	PER ENERGY REPORT	PER ENERGY REPORT	PER ENERGY REPORT	PER ENERGY REPORT	PER ENERGY REPORT	PER ENERGY REPORT	PER ENERGY REPORT	PER ENERGY REPORT
NOTES	-	-	-	-	-	-	-	-

WINDOW SCHEDULE
1:1

REVISION	ISSUE NAME	DATE	CHANGE ID	CHANGE NAME
01	Issue to Council	3/07/2026		
02	Response to RFI	31/07/2026		

NOTES

Schedules and Specifications shall take precedence to drawings
Figured dimensions shall take precedence to scaled dimensions.
Check and verify all dimensions prior to commencement of work.

BAL 29

arkular.
10 YORK STREET, RICHMOND, 3121, AUSTRALIA P. 0477 143 711
E. HELLO@ARKULAR.COM WWW.ARKULAR.COM

PROJECT
MORRIS - SCAMANDER

ADDRESS
47 WINIFRED DR, SCAMANDER TAS 7215

FOR
NICK MORRIS

STAGE 04

TITLE
DOOR & WINDOW SCHEDULE

SCALE	1:1.1815, 1:1@A3
DRAWN	GM
ORIGINAL ISSUE	31/07/2026
REVISION No.	P01

JOB No. 2605

DRAWING No. A.500

[redacted]

31 July 2026

Break O'Day Council
C/- Planning Services
32-34 Georges Bay Esplanade
St Helens TAS 7216

Development Application Report – Main dwelling, Outbuilding + Garage
47 Winifred Drive, Scamander TAS 7215
Property Identification Number: 9837150

Certificate of Title Reference: 185524/7

Planning Zone:

- General Residential

Applicable Overlays:

- Bushfire-prone Areas Code
- Priority Vegetation Area

Planning Scheme Provisions:

8.0 General Residential Zone
8.1 Zone Purpose

The proposal is for a single dwelling, art studio and garage. The proposed art studio is directly associated with the residential use of the property and not for a commercial purpose.

8.2 Use Table

Single dwelling is permitted.

8.4 Development Standards for Dwellings
8.4.2 Setbacks and building envelope for all dwellings

A1:
The dwelling is setback 15.5m from the primary frontage and therefore complies with A1.

A2:
The proposed garage is setback 8.2m from the primary frontage and therefore complies with A2.

A3:
The dwelling is fully contained within the building envelope and is more than 1.5m setback from the side boundaries. Max building height is 4.8m and therefore complies with A3.

8.4.3 Site Coverage and Private Open Space for all dwellings

A1:
The proposed site coverage is 175m2 (18%) and therefore complies with A1.

[redacted]

A2:
The private open space provided is more than 24m2 and has a minimum horizontal dimension of 4m. It is located behind the dwelling.

8.4.5 Width of openings for garages and carports for all dwellings

A1:
The opening width to the proposed garage is 5.5m and therefore complies with A1.

8.4.6 Privacy for all dwellings

A1:
There are no decks, parking space or carport in the proposal with a finished surface or floor level more than 1m above existing ground level and therefore complies with A1.

A2:
There are no areas of the proposed dwelling with a floor level more than 1m above existing ground level and therefore A2 is not applicable.

C2.0 Parking and Sustainable Transport Code
2.6.1 Construction of Parking Areas

P1:
A gravel driveway has been proposed which keeps in character with the surrounding properties which have gravel driveways. There is an existing concrete crossover that makes the driveway readily identifiable. The proposed driveway meets the performance criteria:

(a) The gravel driveway suits the single residential use. The majority of driveways in the area are gravel driveways.
(b) The proposed driveway follows the contours of the site towards the proposed garage. This reduces the likelihood of debris falling down the site. The location of the driveway and a garage allows the existing trees to be maintained on the site which will help reduce erosion of the site.
(c) A linear drain will be located at the entrance to the garage door and the stormwater will be managed onsite as per the attached stormwater design.
(d) No sediment or debris will be transported onto a road or public place as the site naturally slopes away from the road.
(e) The proposed gravel driveway will be compacted to reduce the likelihood of generating dust.
(f) The proposed driveway will be compacted gravel.

C7.0 Natural Assets Code

This code is not application to this development as the site is in a General Residential Zone and the application is not for subdivision.

C13.0 Bushfire-Prone Areas Code:
Refer to the attached Bushfire Hazard Report as prepared by “Geo-Environmental Solutions” dated July 2026.

[redacted]

BRE-S2.0 Stormwater Management Specific Area Plan
BRE-S2.7 Development Standards for Buildings and Works

A1:
Refer to attached Stormwater Report as prepared by “Geo-Environmental Solutions”.

Should further information or clarification be required do not hesitate to contact me via email tom@arkular.com

Yours sincerely,

Tom Novakovic

GES geo-environmental solutions

STORMWATER REPORT

JOB NUMBER

J13296

ADDRESS

47 Winifred Drive

Scamander

CLIENT

Nick Morris

GEO- ENVIRONMENTAL SOLUTIONS
29 Kirksway Place, Battery Point, Tasmania. 7004. T|62231839 E|office@geosolutions.net.au
www.geosolutions.net.au

Investigation Details

Client:	Nick Morris
Site Address:	47 Winifred Drive, Scamander
Date of Inspection:	22/06/2026
Proposed Works:	New house
Investigation Method:	Hand Auger
Inspected by:	JP Cumming

Site Details

Certificate of Title (CT):	185524/7
Title Area:	Approx. 969.1 m²
Applicable Planning Overlays:	Bushfire-prone areas, Priority Vegetation
Slope & Aspect:	2° E facing slope
Vegetation:	Mixed Flora

Background Information

Geology Map:	MRT
Geological Unit:	Quaternary Sediments
Climate:	Annual rainfall 650mm
Water Connection:	Mains
Sewer Connection:	Sewer
Testing and Classification:	Stormwater assessment

Investigation

Boreholes were completed at selected locations across the site to characterise the subsurface conditions and assess the distribution and variability of soil materials. Borehole locations are shown on the site plan, and the interpreted soil profile conditions are summarised below. The site was assessed for stormwater wastewater management with a design completed in accordance with the documents listed below.

Soil Profile Summary

BH 1 Depth (m)	BH 2 Depth (m)	USCS	Description
0.00-0.20	0.00-0.10	SW	**SAND**: dark grey, slightly moist, loose
0.20-0.90	0.10-0.80	SW	**SAND**: pale brown, grey, slightly moist, medium dense
0.90-1.10	0.80-1.10	SW	**SAND**: black, orange, slightly moist, very dense, refusal on cemented material

Site Notes

- The soils on site are comprised of deep aeolian deposits, which have a high estimated permeability in the order of 5m/day.
- The site has a grade of approx. 3% and presents a low risk to slope stability and landslip.
- There are proposals for cuts and change of grade which may impact any proposed onsite stormwater absorption.
- The soils on site were not identified as dispersive.
- No evidence of a water table was observed at the time of the investigation.
- There is a low risk of the natural soils being impacted by contamination.
- Bedrock was encountered was not encountered during investigations.

Existing Conditions and Assumptions

The site covers an area of approximately 969m^2. The proposed development has a total impervious area of 190m^2 consisting of a dwelling (80m^2), garage (80m^2) and studio (30m^2). There is no public stormwater system that the property can connect to, therefore it is recommended that overflow from the proposed water tank be managed on site.

It is proposed to utilise a conventional underground drainage system comprised of grated sumps and PVC pipes, coupled with tank detention and soakage trench elements.

The stormwater management report is prepared in accordance with the design criteria listed below:

- The stormwater drainage system is designed using Bureau of Meteorology (BOM) published rainfall Intensity Frequency Duration (IFD) data as a minor / major system to accommodate the 5% AEP / 20 min storm events.
- The flow rate of stormwater leaving the site shall be designed so that it does not exceed the pre- developed flow rate for both the minor and major rain events.
- The total site discharges are modelled as described in *Storm Drainage Design in Small Urban Catchments,* a handbook for Australian practice by *Australian Rainfall and Runoff (ARR2019)*, Book 9 – Runoff in Urban Areas.

Detention Calculations

Detention calculations are provided in Appendix B.

Summary and Conclusions

Detention design to be adopted as per design and documentation.

- The designed solution complies with the performance solution design check carried out.
- The 18m^2 base (12m x 1.5m x 0.8m) trench is designed over a 20-minute storm duration for the proposed development.
- DN100 slotted PVC pipe with geotextile covering on top of aggregate to be installed within the soakage trench.

Regular inspection and maintenance should be conducted to ensure the stormwater system operates without obstruction. Recommended checks are outlined in Appendix A. It is also recommended that during construction that GES or the design engineer be notified of any major variation to the soil and/or stormwater conditions as outlined in this report.

All drainage works on site to comply with AS3500 and Tasmanian Plumbing Code.

APPENDIX A - Stormwater Maintenance Checklist

Indicative frequency	Inspection and criteria	Maintenance activities (where required)
Annual	Check whether any tree branches overhang the roof or are likely to grow to overhang the roof	If safe and where permitted, consider pruning back any overhanging branches
	Check that access covers to storage tanks are closed	Secure any open access covers to prevent risk of entry
	Check that screens on inlets, overflows and other openings do not have holes and are securely fastened	Repair any defective screens to keep out mosquitoes
	Inspect tank water for presence of rats, birds, frogs, lizards or other vermin or insects	Remove any infestations, identify point of entry and close vermin and insect-proof mesh
	Inspect tank water for presence of mosquito larvae (inspect more frequently in sub-tropical and tropical northern Australia, based on local requirements)	Identify point of entry and close with insect-proof mesh with holes no greater than 1.6 mm in diameter
	Inspect gutters for leaf accumulation and ponding	Clean leaves from gutters-remove more regularly if required. If water is ponding, repair gutter to ensure water flows to downpipe
	Check signage at external roof water taps and that any removable handle taps are being properly used	Replace or repair the missing or damaged signage and fittings
	Check plumbing and pump connections are watertight/without leakage	Repair any leaks as necessary
	Check suction strainers, in-line strainers and pump location for debris	Clean suction strainers, in-line strainers or debris from pump location
	Check pump installation is adequate for reliable ongoing operation	Modify and repair as required
	Check first flush diverter, if present	Clean first flush diverter, repair and replace if necessary
	Check health of absorption trench area and surrounding grass or plants	Investigate any adverse impacts observed that might be due to irrigation
	Check condition of roof and coatings	Investigate and resolve any apparent changes to roof condition, such as loss of material coatings

Triennial	Drain, clean out and check the condition of the tank walls and roof to ensure no holes have arisen due to tank deterioration	Repair any tank defects
	Check sediment levels in the tank	Organise a suitable contractor to remove accumulated sediment if levels are approaching those that may block tank outlets
	Undertake a systematic review of operational control of risks to the system	Identify the reason for any problems during inspections and take actions to prevent failures occurring in future
After 20 years and then every 5 years	Monitor the effectiveness of the stormwater absorption area to assess for any clogging due to algal growth, or blocking due to tree roots/grass growth/trench failure.	Clean or replace clogged equipment
Ongoing	Inspect and follow up on any complaints or concerns raised that could indicate problems with the system	Repair or replace any problems that are notified

APPENDIX B – Detention Calculations

STORAGE TRENCH

Hydrology		
Total Catchment Area	190	m^2
Runoff Coefficient	1	
Annunal Recurrence Interval (ARI)	20	yr
Ground Conditions		
Hydraulic conductivity (K)	5	m/day
	3.470	mm/min
Adjusted Rate (15% clogging factor)	2.950	mm/min
Trench Design		
Length	12	m
Width	1.5	m
Depth	0.8	m
Infiltration Area	18	m^2
Porosity	0.35	%
Trench Storage	5.04	m^3
	5040	L

Final Check			
Criteria	**Requirement**	**Design**	**Check**
Detention reqd	4860	5040	OK

STORM CHECK					
Storm Duration	**Intensity**	**Inflow Volume**	**Outflow Volume**	**Required Storage**	**Emptying time**
	(mm/hr)	**(m^3)**	**(L)**	**(L)**	**(hr)**
1 min	**220**	697	53	644	0.20
2 min	**170**	1077	106	970	0.30
3 min	**155**	1473	159	1313	0.41
4 min	**145**	1837	212	1624	0.51
5 min	**137**	2169	265	1904	0.60
10 min	**105**	3325	531	2794	0.88
15 min	**85.6**	4066	796	3270	1.03
20 min	**72.7**	4604	1062	3543	1.11
25 min	**63.6**	5035	1327	3708	1.16
30 min	**56.9**	5406	1593	3813	1.20
45 min	**44.2**	6299	2389	3909	1.23
1 hour	**37**	7030	3185	3845	1.21
1.5 hour	**29.1**	8294	4778	3515	1.10
2 hour	**24.8**	9424	6371	3053	0.96
3 hour	**20.1**	11457	9556	1901	0.60
4.5 hour	**16.5**	14108	14335	-	-
6 hour	**14.5**	16530	19113	-	-
9 hour	**12.1**	20691	28669	-	-
12 hour	**10.5**	23940	38226	-	-
18 hour	**8.55**	29241	57338	-	-
24 hour	**7.25**	33060	76451	-	-
30 hour	**6.29**	35853	95564	-	-
36 hour	**5.54**	37894	114677	-	-
48 hour	**4.46**	40675	152902	-	-
72 hour	**3.17**	43366	229353	-	-
			Full volume	5040	1.23
Notes:					
Inflow volume calculated using Equation 10.1 (WSUD Guidelines: Chapter 10)					
Outflow volume calculated using Equation 10.2 (WSUD Guidelines: Chapter 10)					
Required storage and emptying time is left blank when outflow volume exceeds inflow volume					

Location

Label: 47 Winifred Drive Scamander
Easting: 605275
Northing: 5408260
Zone: 55
Latitude: Nearest grid cell: 41.4625 (S)
Longitude: Nearest grid cell: 148.2625 (E)

IFD Design Rainfall Intensity (mm/h)

Issued: 29 July 2026

Rainfall intensity for Durations, Exceedance per Year (EY), and Annual Exceedance Probabilities (AEP).
FAQ for New ARR probability terminology

Table | Chart

Unit: mm/h

	Annual Exceedance Probability (AEP)						
Duration	**63.2%**	**50%#**	**20%***	**10%**	**5%**	**2%**	**1%**
1 min	98.2	111	154	187	220	269	309
2 min	81.8	91.9	124	147	170	198	220
3 min	73.5	82.8	113	134	155	183	205
4 min	67.2	75.9	104	124	145	173	196
5 min	62.1	70.2	96.9	116	137	165	187
10 min	46.0	52.1	72.8	88.4	105	129	150
15 min	37.4	42.3	59.2	72.0	85.6	106	123
20 min	31.9	36.1	50.4	61.2	72.7	89.5	104
25 min	28.2	31.8	44.3	53.7	63.6	78.0	90.0
30 min	25.4	28.7	39.9	48.2	56.9	69.4	79.8
45 min	20.2	22.8	31.4	37.7	44.2	53.2	60.6
1 hour	17.2	19.4	26.6	31.8	37.0	44.2	49.9
1.5 hour	13.8	15.6	21.2	25.2	29.1	34.3	38.4
2 hour	11.9	13.4	18.3	21.6	24.8	29.0	32.3
3 hour	9.67	11.0	14.9	17.5	20.1	23.4	25.8
4.5 hour	7.90	8.98	12.3	14.5	16.5	19.2	21.3
6 hour	6.84	7.80	10.7	12.7	14.5	16.9	18.7
9 hour	5.53	6.35	8.84	10.5	12.1	14.2	15.8
12 hour	4.72	5.43	7.63	9.10	10.5	12.5	14.0
18 hour	3.69	4.26	6.08	7.32	8.55	10.3	11.6
24 hour	3.04	3.52	5.07	6.16	7.25	8.79	10.0
30 hour	2.59	3.00	4.35	5.31	6.29	7.67	8.79
36 hour	2.25	2.61	3.80	4.66	5.54	6.79	7.81
48 hour	1.78	2.07	3.03	3.73	4.46	5.49	6.33
72 hour	1.25	1.45	2.13	2.63	3.17	3.89	4.49
96 hour	0.968	1.12	1.64	2.02	2.43	2.97	3.42
120 hour	0.794	0.918	1.33	1.64	1.97	2.39	2.74
144 hour	0.679	0.785	1.14	1.39	1.66	2.00	2.28
168 hour	0.600	0.693	0.997	1.22	1.44	1.73	1.96

Note:
The 50% AEP IFD **does not** correspond to the 2 year Average Recurrence Interval (ARI) IFD. Rather it corresponds to the 1.44 ARI.
* The 20% AEP IFD **does not** correspond to the 5 year Average Recurrence Interval (ARI) IFD. Rather it corresponds to the 4.48 ARI.

APPENDIX - Disclaimer

This Report has been prepared in accordance with the scope of services between Geo-Environmental Solutions Pty. Ltd. (GES) and the Client. To the best of GES's knowledge, the information presented herein represents the client's requirements at the time of printing of the Report. However, the passage of time, manifestation of latent conditions or impacts of future events may result in findings differing from that discussed in this Report. In preparing this Report, GES has relied upon data, surveys, analyses, designs, plans and other information provided by the Client and other individuals and organisations referenced herein. Except as otherwise stated in this Report, GES has not verified the accuracy or completeness of such data, surveys, analyses, designs, plans and other information.

The scope of this study does not allow for the review of every possible geotechnical parameter or the soil conditions over the whole area of the site. Soil and rock samples collected from the investigation area are assumed to be representative of the areas from where they were collected and not indicative of the entire site. The conclusions discussed within this report are based on observations and/or testing at these investigation points.

This report does not purport to provide legal advice. Readers of the report should engage professional legal practitioners for this purpose as required.

No responsibility is accepted for use of any part of this report in any other context or for any other purpose by a third party.

STORMWATER DETENTION V5.06

Geo-Environmental Solutions

Location: **Scamander, TAS**
Site: **190m² with tc = 20 and tcs = 15 mins.**
PSD: **AEP of 5%, Underground rectangular tank PSD = 1.16L/s**
Storage: **AEP of 5%, Underground rectangular tank volume = 4.86m³**

Design Criteria

(Custom AEP IFD data used)

Location = Scamander, TAS
Method = E (A)RI 2001,A(E)P 2019

PSD annual exceedance probabiliy (APE) = 5 %
Storage annual exceedance probabiliy (APE) = 5 %

Storage method = U (A)bove,(P)ipe,(U)nderground,(C)ustom

Site Geometry

Site area (As) = 190 m² = 0.019 Ha
Pre-development coefficient (Cp) = 0.30
Post development coefficient (Cw) = 1.00

Total catchment (tc) = 20 minutes
Upstream catchment to site (tcs) = 15 minutes

Coefficient Calculations

Pre-development

Zone	Area (m²)	C	Area * C
Concrete	0	0.90	0
Roof	0	1.00	0
Gravel	0	0.50	0
Garden	190	0.30	57
Total	190 m²		57

Cp = ΣArea*C/Total = 0.300

Post development

Zone	Area (m²)	C	Area * C
Concrete	0	0.90	0
Roof	190	1.00	190
Gravel	0	0.50	0
Garden	0	0.30	0
Total	190 m²		190

Cw = ΣArea*C/Total = 1.000

Permissible Site Discharge (PSD) (AEP of 5%)

PSD Intensity (I) = 72.8 mm/hr For catchment tc = 20 mins.
Pre-development (Qp = Cp*I*As/0.36) = 1.15 L/s
Peak post development (Qa = 2*Cw*I*As/0.36) = 7.68 L/s =(0.106 x I) Eq. 2.24

Storage method = U (A)bove,(P)ipe,(U)nderground,(C)ustom
Permissible site discharge (Qu = PSD) = 1.157 L/s

Above ground - Eq 3.8

$0 = PSD^2 - 2*Qa/tc*(0.667*tc*Qp/Qa + 0.75*tc+0.25*tcs)*PSD + 2*Qa*Qp$

Taking x as = PSD and solving

a = 1.0 b = -15.9 c = 17.7

$PSD = -b \pm \sqrt{(b^2-4ac)}/(2a)$

PSD = 1.201 L/s

Below ground pipe - Eq 3.3

$Qp = PSD*[1.6*tcs/\{tc*(1-2*PSD/(3*Qa))\}-0.6*tcs^{2.67}/\{tc*(1-2*PSDp/(3*Qa))\}^{2.67}]$

= 1.15

PSD = 1.193 L/s

Below ground rectangular tank - Eq 3.4

$t = tcs/(tc*(1-2*PSD/(3*Qa)))$ = 0.834

$Qp = PSD*[0.005-0.455*t+5.228*t^2-1.045*t^3-7.199*t^4+4.519*t^5]$

= 1.15

PSD = 1.157 L/s

Design Storage Capacity (AEP of 5%)

Above ground (Vs) = [0.5*Qa*td-[(0.875*PSD*td)(1-0.917*PSD/Qa)+(0.427*td*PSD²/Qa)]]*60/10³ m³ Eq 4.23

Below ground pipe (Vs) = [(0.5*Qa-0.637*PSD+0.089*PSD²/Qa)*td]*60/10³ m³ Eq 4.8

Below ground rect. tank (Vs) = [(0.5*Qa-0.572*PSD+0.048*PSD²/Qa)*td]*60/10³ m³ Eq 4.13

td (mins)	I (mm/hr)	Qa (L/s)	Above Vs (m³)	Pipe Vs (m³)	B/G Vs (m³)
5	136.7	14.4			1.97
31	55.8	5.9			4.27
43	45.5	4.8			4.52
56	38.6	4.1			4.68
69	34.0	3.6			4.77
82	30.8	3.2			4.83
95	28.3	3.0			4.85
107	26.4	2.8			4.86
120	24.8	2.6			4.85
133	23.5	2.5			4.82

Table 1 - Storage as function of time for AEP of 5%

Type	td (mins)	I (mm/hr)	Qa (L/s)	Vs (m³)
Above				
Pipe				
B/ground	106.1	26.6	2.8	**4.86**

Table 2 - Storage requirements for AEP of 5%

Frequency of operation of Above Ground storage

Qop2 = 0.75 Cl 2.4.5.1

Qp2 =Qop2*Qp1 (where Qp1=PSD) = 0.90 L/s at which time above ground storage occurs

I = 360*Qp2/(2*Cw*As*10³) = 8.5 mm/h Eq 4.24

Period of Storage

Time to Fill:

Above ground (tf) = td*(1-0.92*PSD/Qa) Eq 4.27

Below ground pipe (tf) = td*(1-2*PSD/(3*Qa)) Eq 3.2

Below ground rect. tank (tf) = td*(1-2*PSD/(3*Qa)) Eq 3.2

Time to empty:

Above ground (te) = (Vs+0.33*PSD²*td/Qa*60/10³)*(1.14/PSD)*(10³/60) Eq 4.28

Below ground pipe (te) = 1.464/PSD*(Vs+0.333*PSD²*td/Qa*60/10³)*(10³/60) Eq 4.32

Below ground rect. tank (te) = 2.653/PSD*(Vs+0.333*PSD²*td/Qa*60/10³)*(10³/60) Eq 4.36

Storage period (Ps = tf + te) Eq 4.26

Type	td (mins)	Qa (L/s)	Vs (L/s)	tf (mins)	te (mins)	Ps (mins)
Above						
Pipe						
B/ground	106.1	2.8	4.9	76.9	224.3	301.2

Table 3 - Period of Storage requirements for AEP of 5%

Orifice

Permissible site discharge (Qu=PSD) = 1.16 L/s (Underground storage)

Orifice coefficient (CD) = 0.61 For sharp circular orifice

Gravitational acceration (g) = 9.81 m/s²

Maximum storage depth above orifice (H) = 400 mm

Orifice flow (Q) = CD*Ao*√(2*g*H)

Therefore:

Orifice area (Ao) = 677 mm²

Orifice diameter (D = √(4*Ao/π)) = 29.4 mm

Container house

Fire plug

IL:7.07

Concrete crossover

DN380 PP SW

Grated SW Pit
SL:5.06
IL:3.97

Concrete footpath

2,259

20,342

Sewer I/O
SL:5.28
IL:3.69

DWELLING
CLASS 1A

8,314

GRAVEL DRIVEWAY

GARAGE
CLASS 1A

NBN pit

COM

240V Power meter

Power & comms

Stop valves

240V
PWR

FIG

PWR

6,000

ART STUDIO
CLASS 10

1,043

4,171

1,469

min
1.5m

6,131

DRAINAGE EASEMENT 3.00 WIDE
DN150 PVC-U Sewer

CP Star
RL:8.29

Sewer M/H
SL:5.56
IL:3.86

8

7

6

9

SITE PLAN
1:200

STORMWATER ABSORPTION
1 x 12m x 1.5m x 0.8m
located outside of drainage easement to
ensure min 2m separation from sewer line

New Services

STORMWATER PIPE
WITH FLOW DIRECTION

GRATED STORMWATER PIT
450x450 CLASS A
ACO GALVANISED HEELGUARD OR SIMILAR
ENGINEER APPROVED

Performance Solution Compliance Notes:

AS 3500.3 - CL 7.10

- 7.10.1 - OVERFLOW IS SAFE AND DOES NOT COMPROMISE FREEBOARD TO HABITABLE SPACES.

GENERAL

- AS/NZS 3500.3: PART 3 STORMWATER DRAINAGE AUSTRALIAN RAINFALL AND RUN-OFF VOLUME 8: URBAN STORMWATER MANAGEMENT
- AUSTRALIAN RUNOFF QUALITY - A GUIDE TO WATER SENSITIVE URBAN DESIGN
- STORM DRAINAGE DESIGN IN SMALL URBAN CATCHMENTS: A HANDBOOK FOR AUSTRALIAN PRACTICE
- WATER SENSITIVE URBAN DESIGN (WSUD) ENGINEERING PROCEDURE: STORMWATER
- WATER SERVICES ASSOCIATION OF AUSTRALIA CODE (WSAA)

Stormwater Services Notes:

1. ALL SITE SAFETY & MANAGEMENT PROCEDURES SHALL BE IN ACCORDANCE WITH THE DEPARTMENT OF STATE GROWTH SPECIFICATIONS:
   SECTION 168 OCCUPATIONAL HEALTH AND SAFETY
   & SECTION 176 ENVIRONMENTAL MANAGEMENT.
2. ALL PIPES UNDER TRAFFICABLE AREAS ARE TO BE BACKFILLED FULL DEPTH WITH 20 F.C.R. AND FULLY COMPACTED.
3. ALL STORMWATER PIPES TO BE PVC-U-SWJ CLASS "SN8" TO AS1254 UNO.
4. ALL DRAIN AND TRENCH CONSTRUCTION SHALL COMPLY WITH THE LGAT STANDARD DRG TSD G01.
5. ANY EXCAVATED TRENCHES IN EXCESS OF 1.5M IN DEPTH ARE TO BE ADEQUATELY SHORED TO PREVENT COLLAPSE DURING WORKS.

BAL TBC

MORRIS - SCAMANDER

47 WINIFRED DR, SCAMANDER TAS 7215

15/06/2026

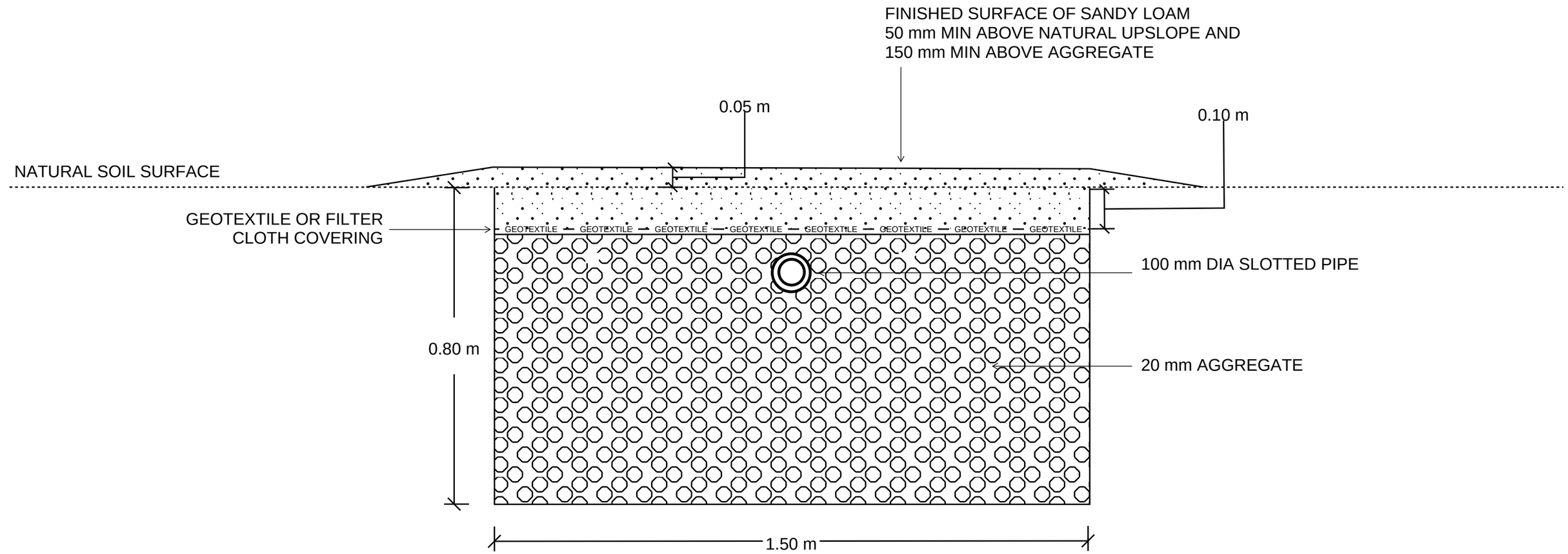
arkular.
10 YORK STREET, RICHMOND, 3121, AUSTRALIA P. 0477 143 711
E. HELLO@ARKULAR.COM WWW.ARKULAR.COM

Design notes:

1. Absorption trench dimensions of up to 20m long by 0.8m deep by 1.5m wide
   – total storage volume calculated at average 35% porosity.
2. Base of bed to be excavated level and smearing and compaction avoided.
3. 90-100mm slotted pipe should be placed in the top 100mm of the 20mm aggregate
4. Geotextile or filter cloth to be placed over the pipe to prevent clogging of the pipes and aggregate
5. All works on site to comply with AS3500 and Tasmanian Plumbing code.

GES geo-environmental solutions

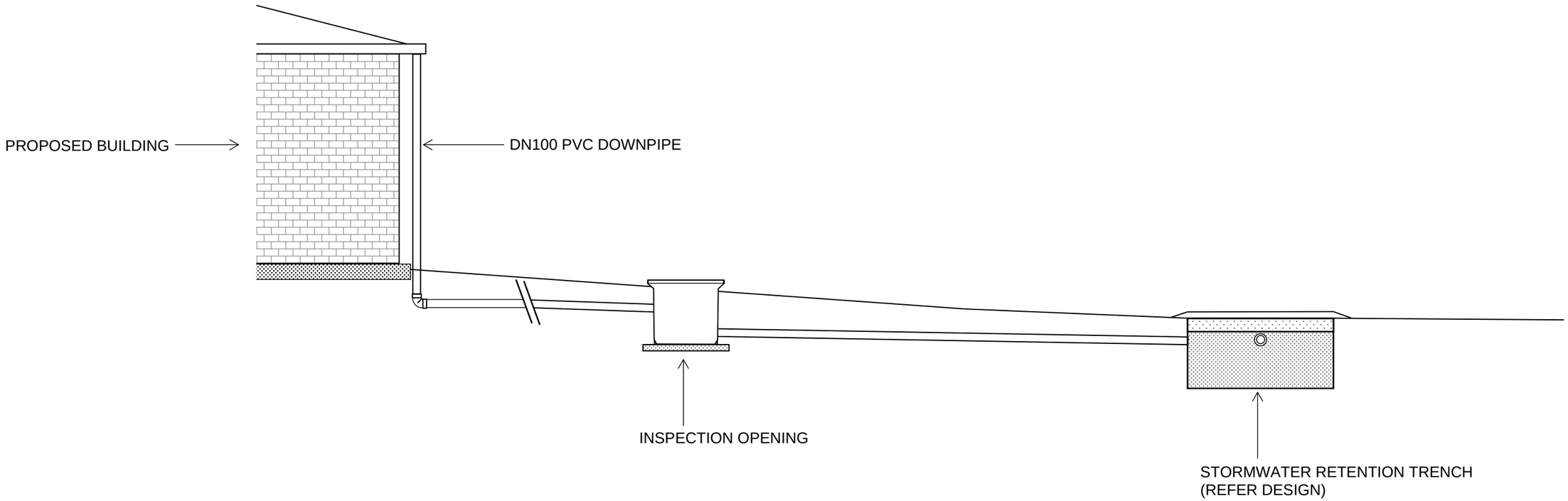
29 Kirksway Place, Battery Point TAS 7004
T: 6223 1839 E: office@geosolutions.net.au



Do not scale from these drawings. Dimensions to take precedence over scale.				Stormwater Absorption Trench Design

GES geo-environmental solutions

29 Kirksway Place, Battery Point TAS 7004
T: 6223 1839 E: office@geosolutions.net.au



Do not scale from these drawings. Dimensions to take precedence over scale.	STORMWATER DETENTION SCHEMATIC CROSS-SECTION					Sheet 1 of 1 Drawn by: SR

CERTIFICATE OF THE RESPONSIBLE DESIGNER

Section 94
Section 106
Section 129
Section 155

Form **35**

To: Nick Morris *Owner name*
47 Winifred Drive *Address*
Scamander 7215 *Suburb/postcode*

Designer details:

Name: Vinamra Gupta
Category: Civil Engineer
Business name: Geo-Environmental Solutions
Phone No: 03 6223 1839
Business address: 29 Kirksway Place
Battery Point 7004
Fax No: N/A
Licence No: 685982720
Email address: office@geosolutions.net.au

Details of the proposed work:

Owner/Applicant Nick Morris
Designer's project reference No. J13296
Address: 47 Winifred Drive
Lot No: 185524/7
Scamander 7215

Type of work: Building work ☐ Plumbing work ☒ *(X all applicable)*

Description of work:
On-Site stormwater system - design

(new building / alteration / addition / repair / removal / re-erection water / sewerage / stormwater / on-site wastewater management system / backflow prevention / other)

Description of the Design Work (Scope, limitations or exclusions): *(X all applicable certificates)*

Certificate Type:	Certificate	Responsible Practitioner
	☐ Building design	Architect or Building Designer
	☐ Structural design	Engineer or Civil Designer
	☐ Fire Safety design	Fire Engineer
	☒ Civil design	Civil Engineer or Civil Designer
	☐ Hydraulic design	Building Services Designer
	☐ Fire service design	Building Services Designer
	☐ Electrical design	Building Services Designer
	☐ Mechanical design	Building Service Designer
	☐ Plumbing design	Plumber-Certifier; Architect, Building Designer or Engineer
	☐ Other (specify)	

Deemed-to-Satisfy: ☐ Performance Solution: ☒ *(X the appropriate box)*

Other details:

On-Site Stormwater Retention

Design documents provided:

The following documents are provided with this Certificate –

Document description:

Drawing numbers:	Prepared by: Geo-Environmental Solutions	Date: Jul-26
Schedules:	Prepared by:	Date:
Specifications:	Prepared by: Geo-Environmental Solutions	Date: Jul-26
Computations:	Prepared by:	Date:
Performance solution proposals: Onsite stormwater retention	Prepared by: Geo-Environmental Solutions	Date: Jul-26
Test reports:	Prepared by: Geo-Environmental Solutions	Date: Jul-26

Standards, codes or guidelines relied on in design process:

AS3500 (Parts 0-5)-2013 Plumbing and drainage set.

Any other relevant documentation:

Stormwater Assessment - 47 Winifred Drive Scamander - Jul-26

Attribution as designer:

I Vinamra Gupta, am responsible for the design of that part of the work as described in this certificate;

The documentation relating to the design includes sufficient information for the assessment of the work in accordance with the *Building Act 2016* and sufficient detail for the builder or plumber to carry out the work in accordance with the documents and the Act;

This certificate confirms compliance and is evidence of suitability of this design with the requirements of the National Construction Code.

	Name: (print)	*Signed*	*Date*
Designer:	Vinamra Gupta		29/07/2026
Licence No:	685982720		

Assessment of Certifiable Works: (TasWater)

Note: single residential dwellings and outbuildings on a lot with an existing sewer connection are not considered to increase demand and are not certifiable.

If you cannot check ALL of these boxes, LEAVE THIS SECTION BLANK.

TasWater must then be contacted to determine if the proposed works are Certifiable Works.

I confirm that the proposed works are not Certifiable Works, in accordance with the Guidelines for TasWater CCW Assessments, by virtue that all of the following are satisfied:

- [x] The works will not increase the demand for water supplied by TasWater
- [x] The works will not increase or decrease the amount of sewage or toxins that is to be removed by, or discharged into, TasWater's sewerage infrastructure
- [x] The works will not require a new connection, or a modification to an existing connection, to be made to TasWater's infrastructure
- [x] The works will not damage or interfere with TasWater's works
- [x] The works will not adversely affect TasWater's operations
- [x] The work are not within 2m of TasWater's infrastructure and are outside any TasWater easement
- [x] I have checked the LISTMap to confirm the location of TasWater infrastructure
- [x] If the property is connected to TasWater's water system, a water meter is in place, or has been applied for to TasWater.

Certification:

I ..... Vinamra Gupta..... being responsible for the proposed work, am satisfied that the works described above are not Certifiable Works, as defined within the *Water and Sewerage Industry Act 2008,* that I have answered the above questions with all due diligence and have read and understood the Guidelines for TasWater CCW Assessments.

Note: the Guidelines for TasWater Certification of Certifiable Works Assessments are available at: www.taswater.com.au

	Name: (print)	*Signed*	*Date*
Designer:	Vinamra Gupta		29/07/2026