

How

Rev.	Date	Reason	Approved
2	16/08/22	Ramp access revisions round tree, & landscape overlay	GS
3	03/11/22	Updated carpark entrance	GS
4	01/02/23	Added signage locations	GS
5	15/02/23	Added cycle parking bay and walkway access	GS
6	21/04/23	Minor ramp amendments	GS
7	25/10/23	Accessway footpath removed, ex piezometer to retained	GS

FOR INFORMATION



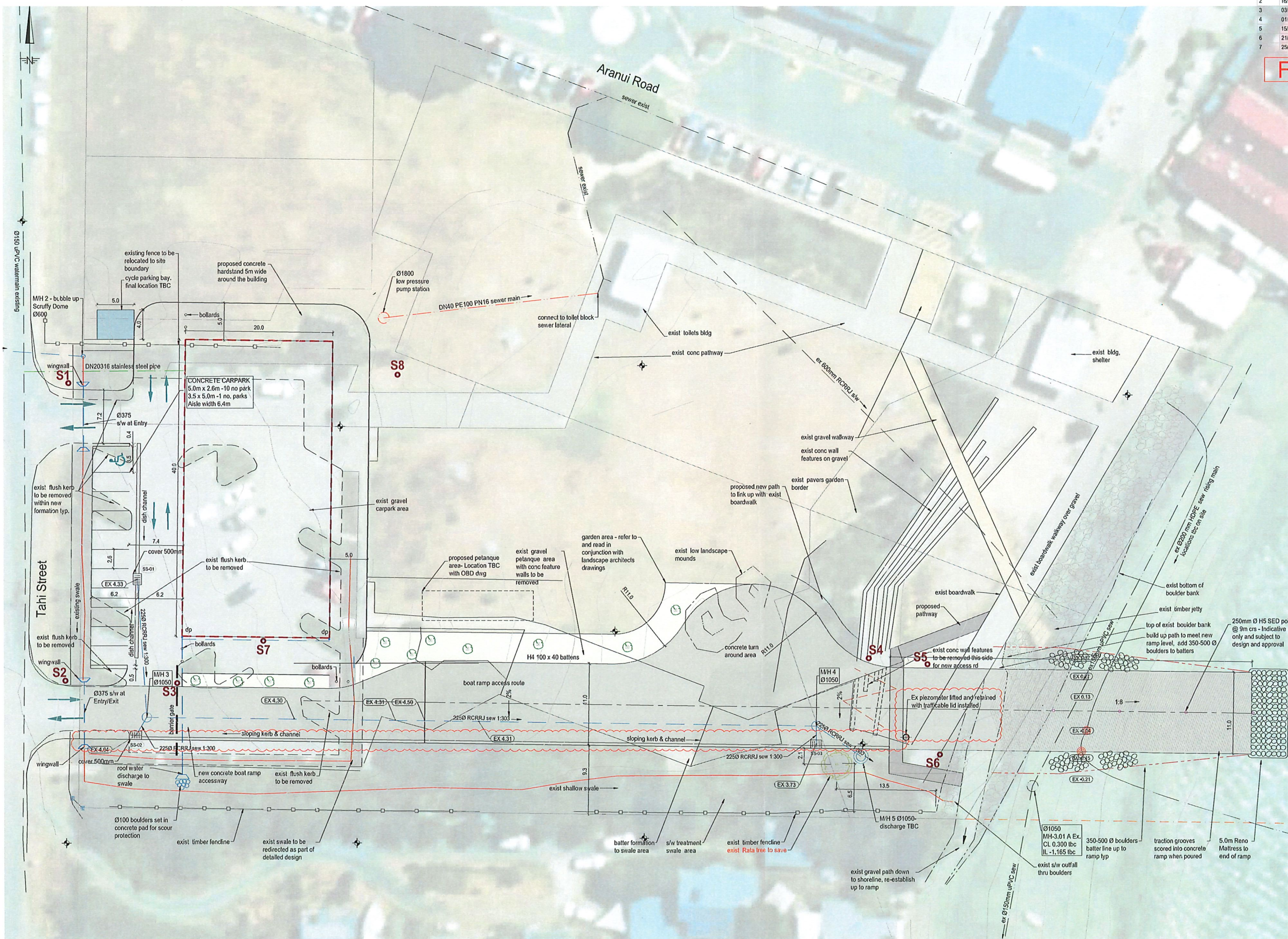
LOCATION PLAN
Scale 1:5,000 m

NOTES:

1. THE CONTRACTOR IS TO HAVE AN APPROVED ENVIRONMENTAL MANAGEMENT PLAN (EMP) AND A CONSTRUCTION TRAFFIC MANAGEMENT PLAN (CTMP) FROM TASMAN DISTRICT COUNCIL PRIOR TO ANY WORKS COMMENCING ONSITE.
2. ALL EARTHWORKS ARE TO BE CARRIED OUT IN ACCORDANCE WITH NZS. 4431: 2022, 'CODE OF PRACTICE FOR EARTH FILL FOR RESIDENTIAL PURPOSES', TDC SPECIFICATIONS, DAVIS OGILVIE'S SPECIFICATION, DAVIS OGILVIE'S 'GEO-TECHNICAL INVESTIGATION FOR SUBDIVISION REPORT'.
3. AT ALL TIMES CUT AND FILLS SHALL BE MAINTAINED WITH ADEQUATE FALLS AND DRAINAGE TO MINIMISE ANY INFILTRATION OF WATER AND TO ALLOW READY RUN OFF TO ENSURE NO PONDING. CONTRACTOR TO REGRADE LOT WHERE NECESSARY.
4. FILL AND SECTION LEVELS ARE MINIMUM LEVELS ONLY.
5. PRIOR TO ANY WORKS COMMENCING ONSITE, THE CONTRACTOR IS TO ENGAGE A REGISTERED PROFESSIONAL SURVEYOR AND/OR LICENSED CADASTRAL SURVEYOR TO SUPERVISE ALL SET OUT & PROVIDE ASBUILT PLANS FOR REVIEW.
6. SETOUT IS NOT TO BE SCALED OFF THE PLANS, THE ENGINEER WILL PROVIDE ELECTRONIC DATA FOR THE CONTRACTOR. ANY VARIATIONS ARE TO BE APPROVED BY THE ENGINEER.
7. BATTERS NOT TO EXCEED A GRADE OF 1:2 UNLESS NOTED OTHERWISE, BOULDERS TO BE PLACED AS PER PLAN DETAILS.
8. ALL LEVELS ARE IN TERMS OF THE NZVD 2016 RL 2.97m BENCHMARK IS AS PER PLAN.
9. SEA LEVEL RL'S ARE TAKEN AT THE PORT NELSON TIDE GAUGE; THERE MAY BE VARIATIONS BETWEEN PORT NELSON & NIAPUA. A CORRECTION OF -2.578 HAS BEEN APPLIED TO CONVERT PORT NELSON LEVELS TO NZVD2016 LEVELS.
10. EXISTING SERVICE LOCATION AND PROTECTION IS CONTRACTOR'S RESPONSIBILITY. EXISTING SERVICES SHOWN ON PLANS ARE INDICATIVE ONLY. REFER TO PROVIDER'S AS-BUILT PLANS AND UNDERTAKE UNDERGROUND CABLE LOCATION AND POT HOLE AS REQUIRED.
11. ALL LANDSCAPING WORK SHALL BE CARRIED OUT IN ACCORDANCE WITH THE LANDSCAPE ARCHITECTS DRAWINGS, AND THE TASMAN DISTRICT COUNCIL'S SPECIFICATIONS

KEY

KERB LEVELS	K 3.75
SURFACE LEVEL	SL 3.76
EXISTING SEWER	- - - - -
PROPOSED SEWER	— — — — —
EXISTING WATER	- - - - -
PROPOSED WATER	— — — — —
EXISTING STORMWATER	- - - - -
PROPOSED STORMWATER	— — — — —
PROPOSED BATTER LINE	- - - - -
SECTION FORMATION LEVELS	FL 4.85
EXISTING GROUND CONTOURS	○ ○ ○ ○ ○
METAL SURFACE FORMATION	□
CONCRETE RAMP FORMATION	■
PEZIOMETER TEST LOCATION	⊙
TOPO PICK UP LOCATION OF EXISTING SEWER	⊙
S1-S9 SIGNAGE LOCATIONS	○ S1

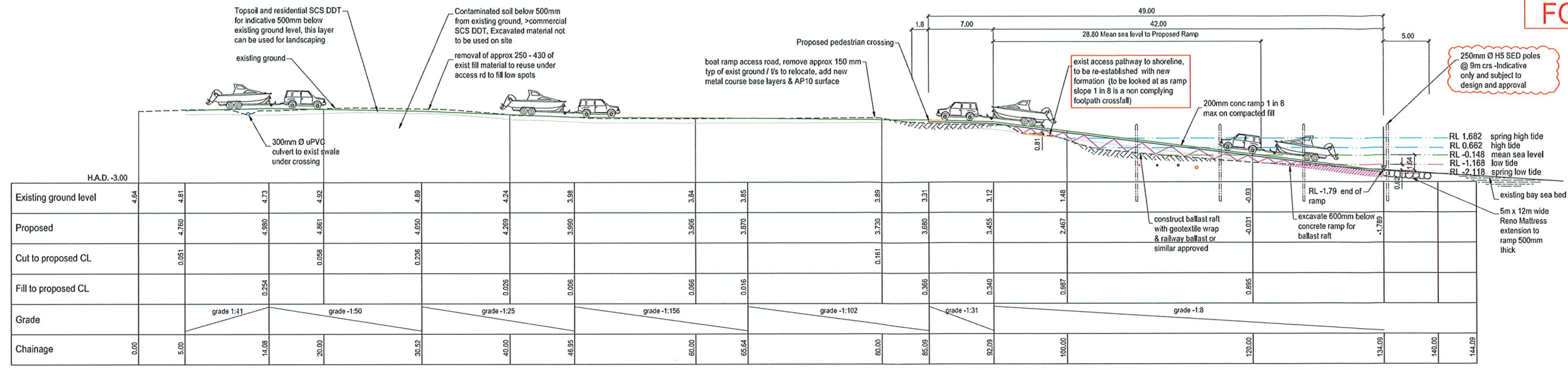


CAD ref: 42454.Master Xref

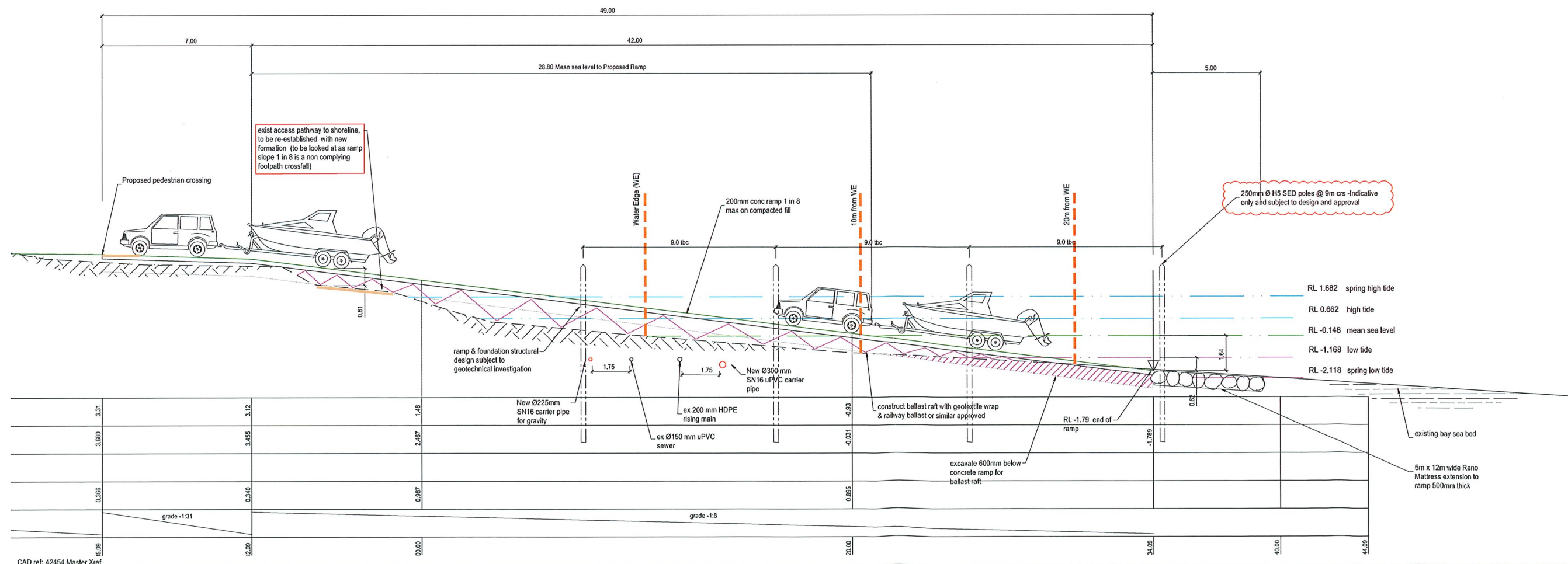
AKO

Rev.	Date	Reason	Approved
1	04/08/2022	Issued for discussion	GS
2	16/08/2022	Prelim Issue, landscape overlay on plan	GS
3	21/04/2023	Minor ramp amendments	GS
4	26/04/2023	Minor changes	GS

FOR INFORMATION



Road Access Longsection
Scale: Horiz 1:250
Vert 1:250

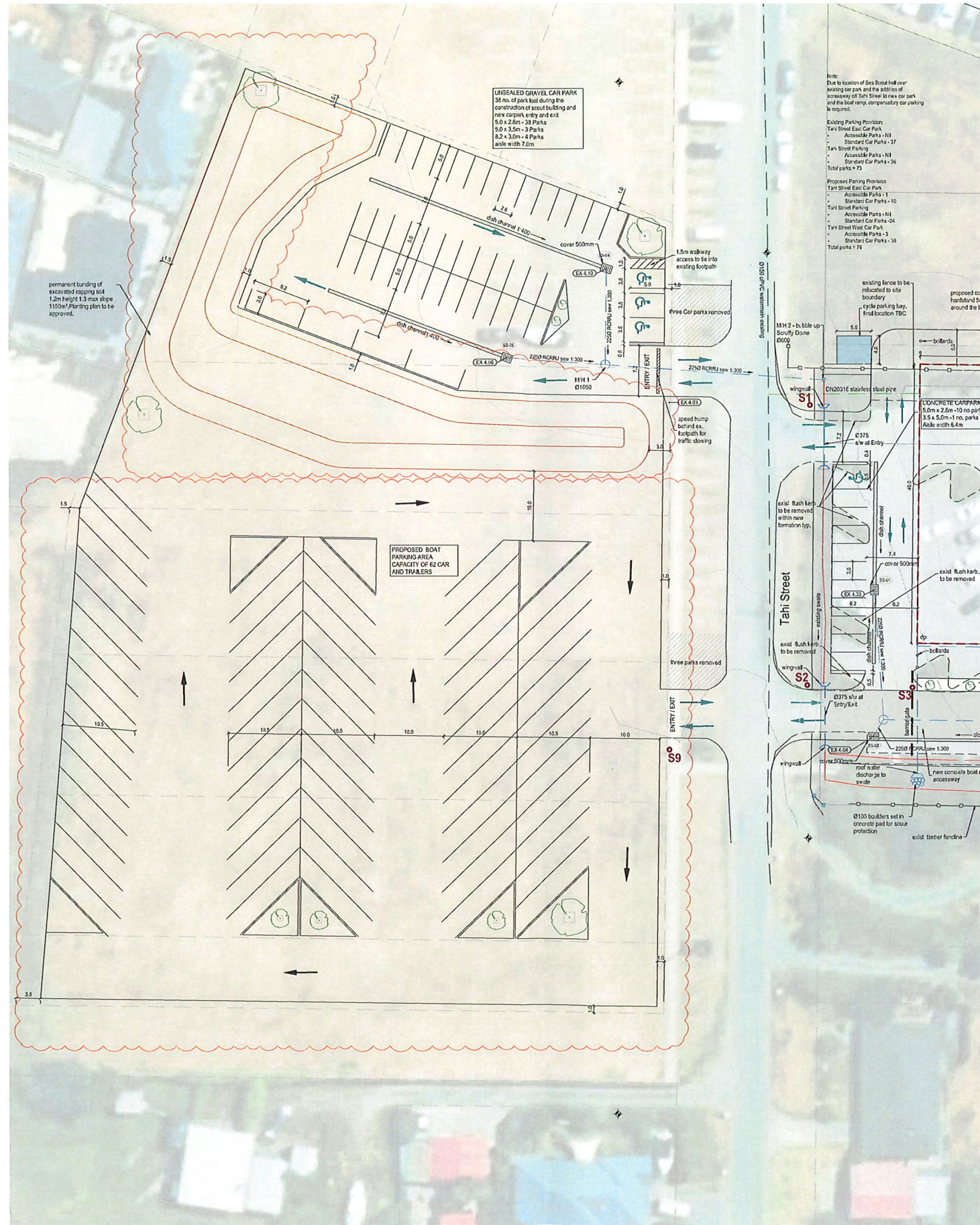


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A.K. [Signature]

Rev.	Date	Reason	Approved
P1	05/11/22	Issued for discussion	GS
P2	21/11/22	Minor change to carpark	GS
P3	13/11/23	Change to boat and trailer park, New bund	GS

FOR INFORMATION

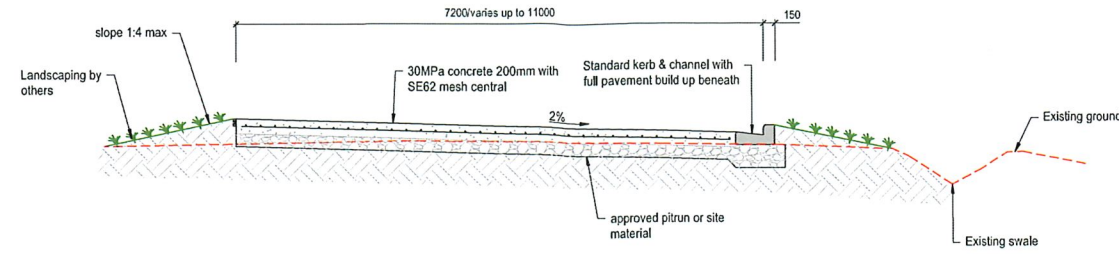


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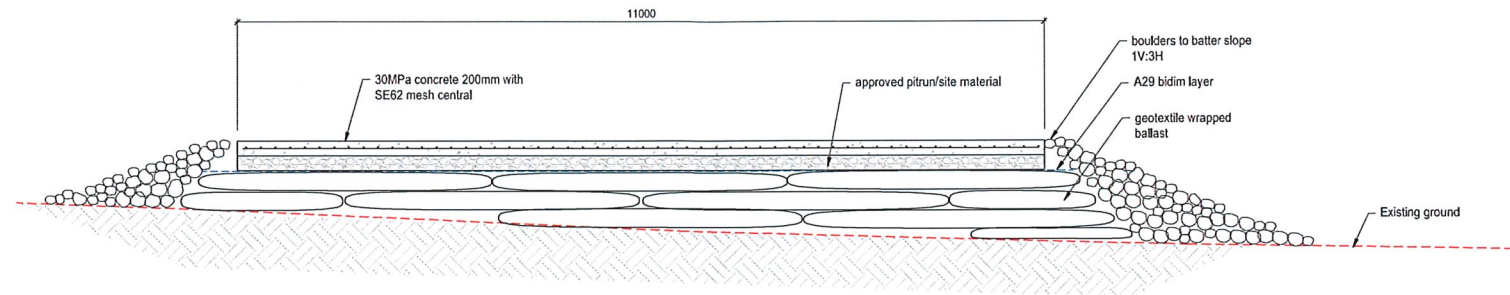
Rev.	Date	Reason	Approved
1	25/01/2023	Issued for discussion	GS

FOR INFORMATION



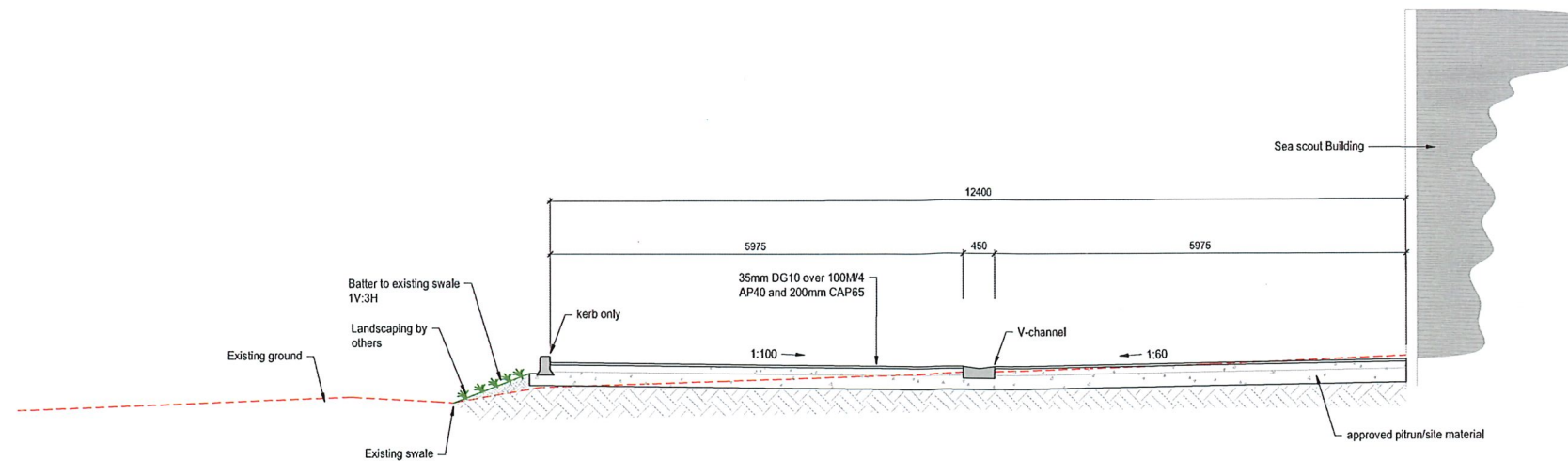
TYPICAL CROSS SECTION CONCRETE RAMP ACCESSWAY AT ENTRANCE

Scale: 1:50



TYPICAL CROSS SECTION CONCRETE RAMP ACCESSWAY

Scale: 1:50



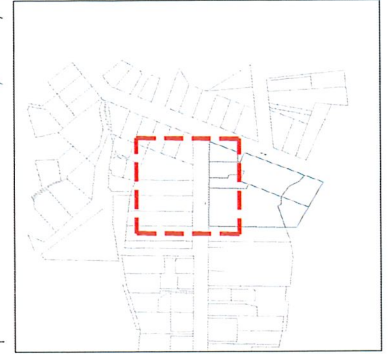
CROSS SECTION SCOUT BUILDING CARPARK

Scale: 1:50

AKW

Rev.	Date	Reason	Approved
P1	15/11/23	Issued for discussion	GS

FOR INFORMATION



LOCATION PLAN Scale 1:5,000 m

GENERAL NOTES:

1. REFER TO NELSON TASMAN EROSION & SEDIMENT CONTROL GUIDELINES. ALL WORKS ARE TO COMPLY WITH THIS GUIDELINE & DAVIS OGILVIE'S SITE MANAGEMENT PLAN. THESE PLANS ARE TO BE READ IN CONJUNCTION WITH THE DESIGN STATEMENT.
2. ALL LEVELS ARE IN TERMS OF THE NZVD 2016 RL 2.97M. BENCHMARK IS AS PER PLAN.
3. CONTRACTOR TO FORWARD EARTHWORKS CONSTRUCTION METHODOLOGY TO ENGINEER FOR REVIEW. EARTHWORKS STAGING CATCHMENT AREAS MUST BE NO MORE THAN 2 HA.

SITE MANAGEMENT:

4. EROSION & SEDIMENT CONTROL IS TO BE CARRIED OUT IN ACCORDANCE WITH NELSON TASMAN EROSION AND SEDIMENT CONTROL GUIDELINES, AND RELEVANT CONSENTS.
5. SILT FENCES MUST BE ESTABLISHED AROUND ALL EARTHWORKS, STOCKPILES, WATERWAYS AND ADJACENT PROPERTIES TO COLLECT SILT RUNOFF.
6. TOPSOIL IS TO BE STRIPPED AND PLACED IN TEMPORARY STOCKPILES.
7. RE-SPREADING AND GRASSING IS TO BE CARRIED OUT WITHIN 14 DAYS OF COMPLETION OF EACH AREA.
8. VEGETATION COVERING THE SITE MUST BE MAINTAINED BY THE CONTRACTOR WHERE POSSIBLE TO REDUCE RUNOFF RATES, AND MINIMISE EROSION.
9. WHERE VEGETATION MUST BE REMOVED, AREAS MUST BE PROMPTLY GRASSED, OR RETAINING STRUCTURES BUILT.

DUST MITIGATION:

10. DUST IS TO BE KEPT TO A MINIMUM BY THE EFFECTIVE USE OF WATER CARTS AND/OR IRRIGATION (I.E. K-LINES) WETTING STOCKPILES AND EXPOSED AREAS OR COVERING WITH TARPULINS.
11. MINIMISE DROP HEIGHT FROM LOADERS AND DIGGERS INTO VEHICLES AND STOCKPILES TO REDUCE DUST NUISANCE.
12. SUITABLE WIND BREAKS ARE TO BE CONSTRUCTED ADJACENT TO EXISTING PROPERTIES WHERE REQUIRED.

PUMPING/DE-WATERING:

13. WHEN PUMPING IS REQUIRED INTO THE EXISTING STORMWATER SYSTEM TOTAL SUSPENDED SOLIDS (TSS) MUST BE LESS THAN 50 PPM. CONTRACTOR SHALL HAVE PRE-MADE COMPARISON TSS WATER SAMPLES ONSITE OF 50, 75 AND 100 AS CONTROL SAMPLES.
14. PHOTO EVIDENCE OF 50 PPM TSS SAMPLE IN COMPARISON TO THE CONTROL SAMPLES IS TO BE PROVIDED BEFORE PUMPING INTO THE EXISTING NETWORK IS CARRIED OUT. FLOCCULENTS SHALL BE USED TO REDUCE TSS.
15. WHERE DE-WATERING IS REQUIRED, ANY WATER WITH A TSS (TOTAL SUSPENDED SOLIDS) READING IN EXCESS OF 50 PPM MUST BE TREATED BEFORE DISCHARGE.

CONSTRUCTION NOISE:

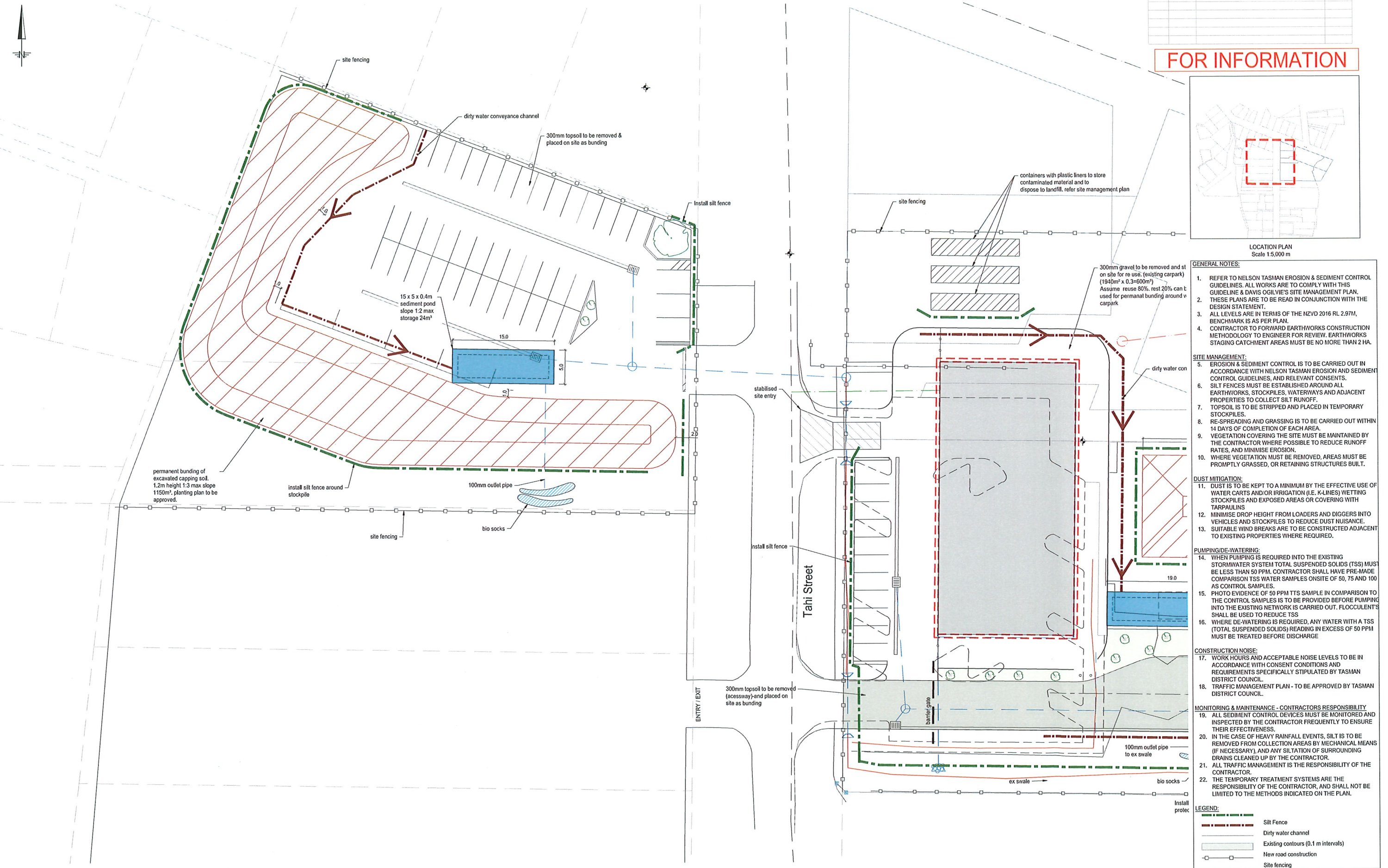
16. WORK HOURS AND ACCEPTABLE NOISE LEVELS TO BE IN ACCORDANCE WITH CONSENT CONDITIONS AND REQUIREMENTS SPECIFICALLY STIPULATED BY TASMAN DISTRICT COUNCIL.
17. TRAFFIC MANAGEMENT PLAN - TO BE APPROVED BY TASMAN DISTRICT COUNCIL.

MONITORING & MAINTENANCE - CONTRACTORS RESPONSIBILITY

18. ALL SEDIMENT CONTROL DEVICES MUST BE MONITORED AND INSPECTED BY THE CONTRACTOR FREQUENTLY TO ENSURE THEIR EFFECTIVENESS.
19. IN THE CASE OF HEAVY RAINFALL EVENTS, SILT IS TO BE REMOVED FROM COLLECTION AREAS BY MECHANICAL MEANS (IF NECESSARY), AND ANY SILTATION OF SURROUNDING DRAINS CLEANED UP BY THE CONTRACTOR.
20. ALL TRAFFIC MANAGEMENT IS THE RESPONSIBILITY OF THE CONTRACTOR.
21. THE TEMPORARY TREATMENT SYSTEMS ARE THE RESPONSIBILITY OF THE CONTRACTOR, AND SHALL NOT BE LIMITED TO THE METHODS INDICATED ON THE PLAN.

LEGEND:

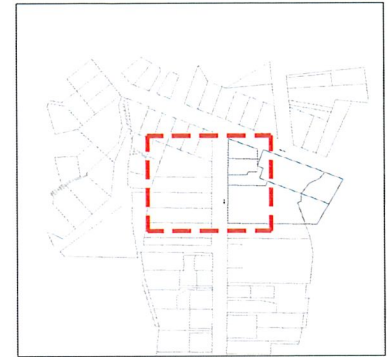
- - - Silt Fence
- - - Dirty water channel
- - - Existing contours (0.1 m intervals)
- - - New road construction
- - - Site fencing



AW

Rev.	Date	Reason	Approved
P1	15/11/23	Issued for discussion	GS

FOR INFORMATION



LOCATION PLAN
Scale 1:5,000 m

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CONSTRUCTION NOISE:

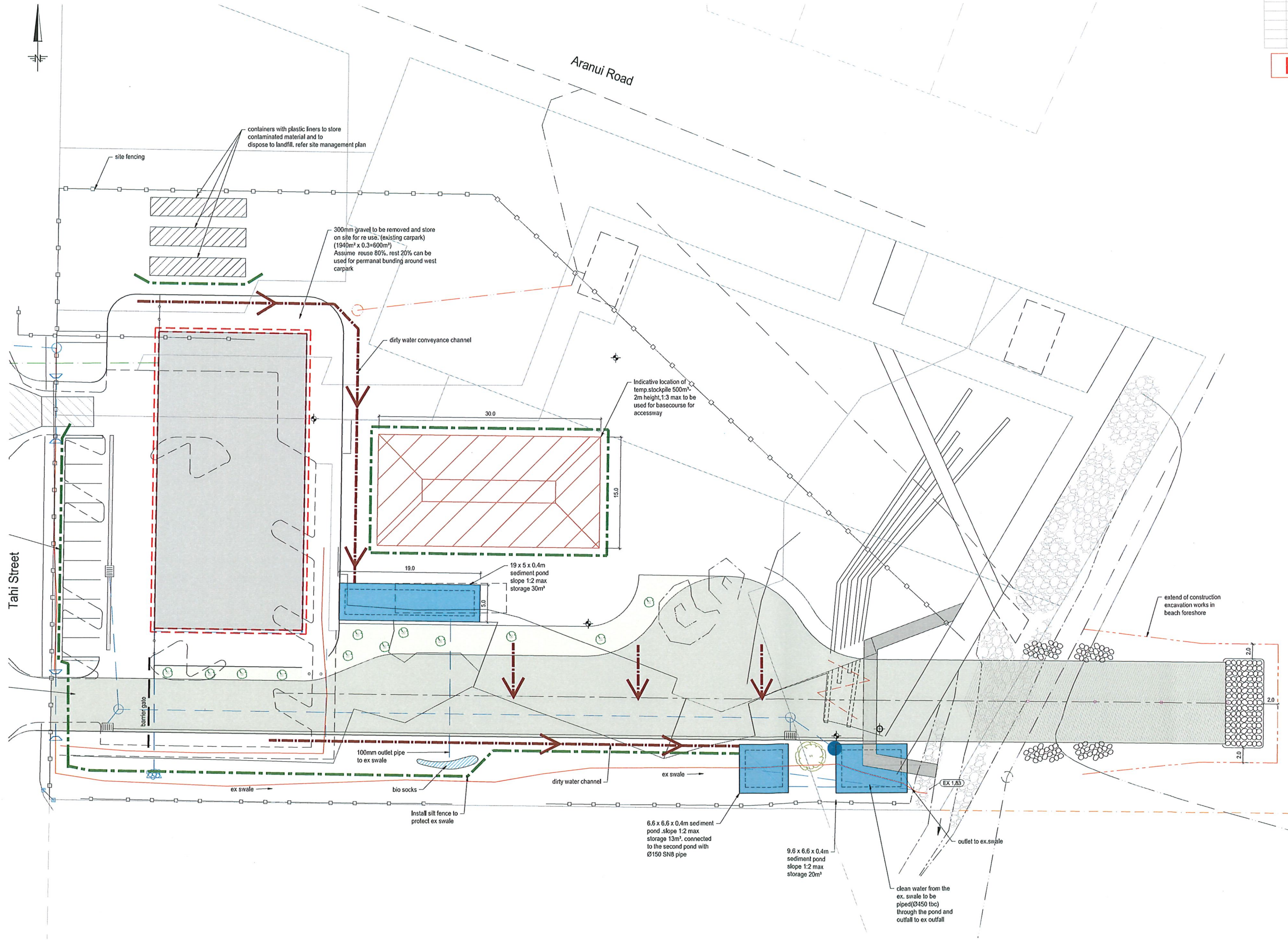
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LEGEND:

- Silt Fence
- Dirty water channel
- Existing contours (0.1 m intervals)
- New road construction
- Site fencing



CAD ref: 42454.ESCP

do DAVIS OGILVIE
ENGINEERS / SURVEYORS / PLANNERS

Davis Ogilvie & Partners Limited
Level 1, 24 Moorhouse Avenue, Addington, Christchurch 8140
Office 0800 999 333 Email hello@do.nz www.do.nz

PROPOSED MAPUA BOAT RAMP
NELSON - MAPUA COMMUNITY BOAT RAMP TRUST

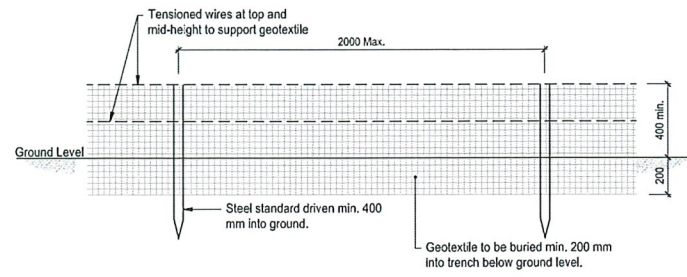
ENGINEERING DESIGN
EROSION & SEDIMENT CONTROL PLAN

Design	Drawn	QA Check	Dwg No.
BSL	NJ	GS	ES2
Scale @ A1	Date	Job No.	Rev.
1:250 (m)	07/2022	42454	P1

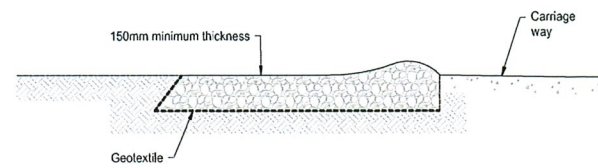
ARW

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P1	15/11/23	Issued for discussion	GS

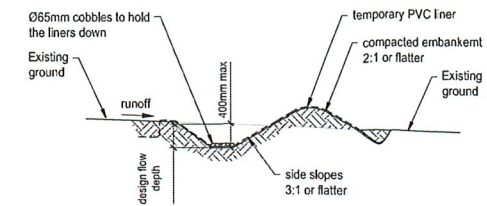
FOR INFORMATION



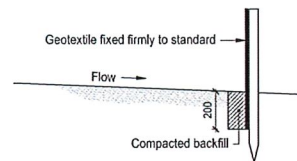
ELEVATION OF SILT FENCE
NTS



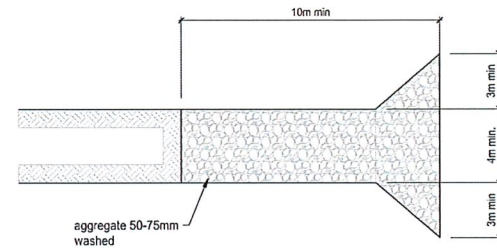
**STABILISED ENTRANCEWAY-
SIDE VIEW**
NTS



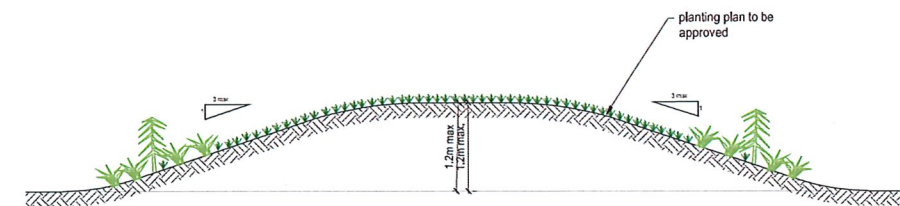
TYPICAL SECTION- DIRTY WATER CHANNEL
NTS



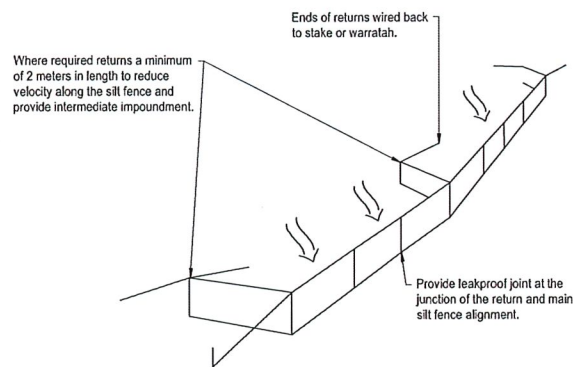
CROSS SECTION - SILT FENCE
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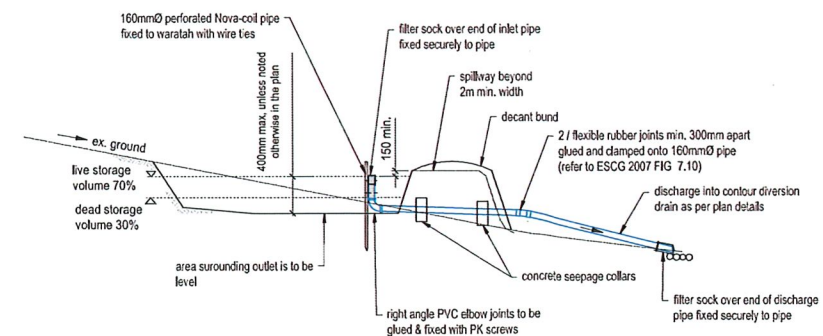
**STABILISED ENTRANCEWAY-
PLAN VIEW**
NTS



TYPICAL CROSS-SECTION- BUND
NTS



SILT FENCE PERSPECTIVE VIEW
NTS



SNORKEL OUTLET DETAIL
SCALE 1:100