



LOCH SPORT EROSION PROTECTION



DRAWING INDEX	
DRAWING No.	TITLE
250094-CST-DRG-001	COVER SHEET, LOCALITY PLAN & DRAWING INDEX
250094-CST-DRG-002	GENERAL NOTES
250094-CST-DRG-011	GROYNE GENERAL ARRANGEMENT PLAN
250094-CST-DRG-012	BEACH NOURISHMENT PLAN
250094-CST-DRG-021	TYPICAL SECTIONS AND ELEVATIONS

LOCALITY PLAN
NOT TO SCALE

C	04.09.2025	ISSUED FOR TENDER	TS	AWP	AWP
B	29.08.2025	ISSUED FOR TENDER - DRAFT	TS	AWP	AWP
A	04.08.2025	DETAILED DESIGN - LOCH SPORT EROSION PROTECTION	TS	AWP	AWP
Rev.	Date	Description	Des.	Verif.	Appd.



Drawn	LP	Date 04.08.2025	Client	DEPARTMENT OF ENERGY, ENVIRONMENT AND CLIMATE ACTION - VICTORIA					
Checked	TS	Date 04.08.2025	Project	LOCH SPORT EROSION PROTECTION		Status	ISSUED FOR TENDER NOT TO BE USED FOR CONSTRUCTION PURPOSES		
Designed	TS	Date 04.08.2025				DATUM			
Verified	AWP	Date 04.08.2025	Title	AHD		N.T.S	A3		
Approved	AWP	Date 04.08.2025	COVER SHEET, LOCALITY PLAN AND DRAWING INDEX		Drawing Number	250094-CST-DRG-001		Revision	
							C		

XREF's: FSC-GEN\XRF-Titleblock A3: 250094-CST-XRF-Ex_Survey
CAD File: C:\Users\LindsayPolkinghorne\FSC\250094 - Documents\03 Dwg\03_Drawing Sheets\250094-CST-DRG-001-021.dwg
DATE PLOTTED: 4 September 2025 2:01 PM BY: J. LINDSAY POLKINGHORNE

GENERAL NOTES:

1.

THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH THE CONTRACT CONDITIONS AND WITH SUCH OTHER WRITTEN INSTRUCTIONS AS MAY BE ISSUED DURING THE COURSE OF THE CONTRACT.
2.

IN THE EVENT OF ANY INCONSISTENCIES, THE FOLLOWING DOCUMENT HIERARCHY SHOULD BE FOLLOWED,

1.

DESIGN DRAWINGS (THIS DOCUMENT)

2.

TECHNICAL SPECIFICATION (250094 – LOCH SPORT EROSION PROTECTION - TECHNICAL SPECIFICATION)

3.

RELEVANT MANUFACTURERS SPECIFICATIONS.
3.

ALL DIMENSIONS ARE IN MILLIMETRES UNLESS STATED OTHERWISE.
4.

ALL LEVELS ARE WITH RESPECT TO AUSTRALIAN HEIGHT DATUM (AHD).
5.

ALL DATUMS ARE WITH RESPECT TO GEOCENTRIC DATUM OF AUSTRALIA 2020 (GDA 2020).
6.

DIMENSIONS SHALL NOT BE OBTAINED BY SCALING THE DRAWINGS.
7.

ALL DIMENSIONS RELEVANT TO SETTING OUT SHALL BE CONFIRMED AND VERIFIED BY THE CONTRACTOR BEFORE CONSTRUCTION IS COMMENCED. THE CONTRACTOR SHALL REPORT ANY DISCREPANCIES.
8.

ALL EXISTING SERVICES LOCATIONS IN SO FAR AS THOSE THAT COULD BE IMPACTED IN THE COURSE OF CARRYING OUT THE WORKS OR ANY ASSOCIATED ACTIVITY SHALL BE VERIFIED ON SITE BY THE CONTRACTOR BEFORE COMMENCING ANY ACTIVITY.
9.

PRIOR TO ANY DEMOLITION, EXCAVATION OR CONSTRUCTION ON SITE, THE CONTRACTOR SHALL CONTACT THE RELEVANT AUTHORITIES TO ASCERTAIN THE POSSIBLE LOCATION OF FURTHER SERVICES AND DETAILED LOCATION AND DEPTH OF ALL SERVICES AND ARRANGE FOR THEIR RELOCATION WHERE NECESSARY.
10.

THE CONTRACTOR SHALL MAINTAIN ALL WORK SITES IN A SAFE AND STABLE CONDITION.
11.

WORKMANSHIP AND MATERIALS ARE TO BE IN ACCORDANCE WITH THE RELEVANT STANDARDS PLUS LOCAL STATUTORY AUTHORITIES' REQUIREMENTS, EXCEPT WHERE VARIED BY THE CONTRACT DOCUMENTS.
12.

NOMINATION OF PROPRIETARY ITEMS DOES NOT INDICATE EXCLUSIVE PREFERENCE BUT INDICATES THE REQUIRED PROPERTIES OF THE ITEM, SIMILAR ALTERNATIVES HAVING THE REQUIRED PROPERTIES MAY BE OFFERED FOR APPROVAL. INSTALL PROPRIETARY ITEMS IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS. REFER ANY DISCREPANCY TO THE SUPERINTENDENT BEFORE PROCEEDING WITH THE WORK.
13.

THE WORKS ARE SHOWN AS SEPARABLE PORTIONS OF WORK, IDENTIFIED HEREIN AS STAGES (EG. STAGE 1, 2, 3, 4). THE SCOPE OF STAGES TO BE DELIVERED UNDER THE CURRENT CONTRACT WILL BE DEFINED IN THE CONTRACT AND/OR TENDER DOCUMENTS AND MAY INCLUDE PORTIONS OF A STAGE, AN ENTIRE STAGE OR MULTIPLE STAGES.
14.

THE CONTRACTOR SHALL SUBMIT AND COMPLY WITH A CONSTRUCTION ENVIRONMENTAL MANAGEMENT PLAN ADDRESSING, AS A MINIMUM, MANAGEMENT OF ACID SULPHATE SOIL, EROSION, TURBIDITY, DUST, FLORA/FAUNA PROTECTION AND RELATED ENVIRONMENTAL RISKS, CONSISTENT WITH THE TECHNICAL SPECIFICATION.

LOCATION NOTES

1.

LOCH SPORT TIDAL DATUMS HAVE BEEN APPROXIMATED FROM AVAILABLE INFORMATION. NO FORMAL TIDE DATA IS AVAILABLE FOR THE AREA.
2.

LOCH SPORT TIDAL DATUMS:

-

MEAN HIGH WATER (MHW) 0.55m (AHD)

-

MEAN LOW WATER (MLW) 0.1m (AHD)

-

2100 SEA LEVEL RISE (SLR) 0.8m

GEOTEXTILE:

1.

GEOTEXTILE FABRIC SHALL BE TEXCEL 600R OR APPROVED EQUIVALENT.
2.

THE FABRIC SHALL BE A NON-WOVEN PRODUCT CONSTRUCTED BY NEEDLE PUNCHING VIRGIN STAPLE FIBRES OF POLYPROPYLENE.
3.

GEOTEXTILE CONSTRUCTED FROM FIBRES OF MORE THAN ONE POLYMER WILL NOT BE PERMITTED.
4.

ALL GEOTEXTILE USED SHALL BE MARKED WITH MANUFACTURING CHARACTERISTICS AS STATED IN AS 3705. ANY CERTIFICATION OF TESTING USING THE METHODS STATED IN AS 3705 SHALL ALSO BE OBTAINED.
5.

THE CONTRACTOR SHALL SUBMIT TO THE SUPERINTENDENT FOR APPROVAL A SAMPLE OF THE PROPOSED GEOTEXTILE, OF MINIMUM SIZE 300mm x 300mm, TOGETHER WITH A MATERIAL PROPERTY DATA SHEET, IF A GEOTEXTILE OTHER THAN TEXCEL 600R IS PROPOSED.
6.

THE DATA SHEET SHALL BE SUBSTANTIATED BY INDEX AND PERFORMANCE COMPLIANCE CERTIFICATES CERTIFIED BY AN ACCREDITED GEOTEXTILE FABRIC TESTING ORGANISATION.
7.

GEOTEXTILES SHALL BE DELIVERED TO SITE AND STORED IN SUCH A MANNER WHICH PROTECTS THE ROLLS FROM DEGRADATION OR OTHER DAMAGE.
8.

GEOTEXTILE SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURE’S INSTRUCTIONS WITH A MINIMUM 1000mm OVERLAP AT JOINTS.
9.

GEOTEXTILE SHALL BE LAID WITH ITS LONGITUDINAL AXIS DOWN THE SLOPE WITHOUT JOINTS.
10.

GEOTEXTILE SHALL BE LAID TO THE LINES AND LEVELS DESCRIBED ON THE DESIGN DRAWINGS.
11.

PRIOR TO PLACEMENT OF GEOTEXTILE, THE SURFACE IS TO BE SCREED TO MINIMISE SURFACE IRREGULARITIES AND SHARP OBJECTS THAT MAY CAUSE DAMAGE TO THE FABRIC.
12.

CONSTRUCTION PLANT MUST NOT OPERATE OVER THE GEOTEXTILE.
13.

CONTRACTOR SHALL ENSURE SUFFICIENT CARE IS TAKEN TO PREVENT DAMAGE TO THE GEOTEXTILE DURING THE PLACEMENT OF ALL ROCK.

ROCK WORKS:

1.

ROCK SHALL CONSIST OF MATERIAL WHICH COMPLIES WITH THESE NOTES AND THE SPECIFICATIONS.
2.

THE CONTRACTOR SHALL SUPPLY A METHOD STATEMENT DETAILING THEIR PROPOSED METHOD OF ROCK PLACEMENT AND CONTROL FOR APPROVAL BY THE SUPERINTENDENT. THE METHOD OF ROCK PLACEMENT SHALL BE SUCH AS TO:

(A)

MINIMISE ITS BREAKDOWN ON HANDLING AND PRODUCTION OF FINES.

(B)

MINIMISE THE SEGREGATION OF VARIOUS GRADES OF ROCK.

(C)

RESTRICT WATER CONTAMINATION.
3.

THE CONTRACTOR SHALL PROVIDE DETAILED PETROLOGICAL DESCRIPTIONS OF ALL ROCK TYPES AND SHALL SUBMIT TO THE SUPERINTENDENT FOR APPROVAL TEST RESULTS FOR THE PROPOSED SOURCE FROM AN INDEPENDENT LABORATORY, DEMONSTRATING COMPLIANCE WITH THE FOLLOWING CRITERIA. THE SUBMISSION SHALL INCLUDE THE PROPOSED MASS GRADING DISTRIBUTIONS, DEMONSTRATING COMPLIANCE WITH THE MINIMUM VALUES SHOWN IN THE ROCK GRADATION TABLE BELOW.
4.

ROCK TYPE AND INTEGRITY

4.1.

ROCK ARMOUR SHALL BE IGNEOUS ROCK ONLY.

4.2.

INDIVIDUAL ROCKS SHALL BE ROUGH AND ANGULAR.

4.3.

INDIVIDUAL ROCKS SHALL BE FREE FROM CRACKS, CLEAVAGE PLANES, SEAM AND DEFECTS WHICH WOULD RESULT IN THE BREAKDOWN OF THE ROCK IN A MARITIME ENVIRONMENT.

4.4.

ROCKS SHALL BE FREE FROM VISUALLY OBSERVABLE CRACKS, VEINS, FISSURES, SHALE LAYERS, STYLOLITE SEAMS, LAMINATIONS, FOLIATION PLANES, CLEAVAGE PLANES, UNIT CONTACTS OR OTHER SUCH FLAWS WHICH COULD LEAD TO BREAKAGE DURING LOADING, UNLOADING OR PLACING.
5.

MATERIAL PROPERTIES

5.1.

DRY DENSITY

ROCK SHALL HAVE A MINIMUM DRY DENSITY OF 2600 kg/m³.

5.2.

MINERALOGICAL CONTENT

ROCK SHALL HAVE NO MORE THAN 10% (BY VOLUME) OLIVINE MATERIAL AND SHALL EXHIBIT NO ZONES OF SECONDARY ALTERATION SUCH AS CHLORITISATION.

5.3.

SHAPE RATIO

THE RATIO OF THE MAXIMUM DIMENSION TO THE MINIMUM DIMENSION, MEASURED AT RIGHT ANGLES TO THE MAXIMUM DIMENSION, SHALL NOT EXCEED 2.5. TESTING FOR SHAPE RATIO DETERMINATION SHALL BE UNDERTAKEN ON SAMPLES OF AT LEAST 50 PIECES TAKEN AT RANDOM FROM ROCK OF MASS M15 OR GREATER.

5.4.

MASS GRADING

THE MINIMUM ROCK MASS AND GRADATION VALUES SHALL BE AS SHOWN IN THE ROCK GRADATION TABLE SHOWN IN THESE NOTES. THESE VALUES REPRESENT MINIMUM SPECIFIED REQUIREMENTS FOR ACCEPTANCE. MASS GRADING SHALL BE DETERMINED BY WEIGHING OF INDIVIDUAL PIECES IN ACCORDANCE WITH THE METHODS OF EN 13383-2:2002. WEIGHING SCALES MAY BE USED ON SITE OR IN THE QUARRY, PROVIDED THEY MEET THE EN 13383 REQUIREMENTS ON PRECISION.

5.5.

THE STRENGTH OF THE ROCK SHALL SATISFY EITHER:

(A)

THE SATURATED POINT LOAD STRENGTH INDEX SHALL NOT BE LESS THAN 5.0 MPA, OR

(B)

THE WET UNCONFINED UNIAXIAL COMPRESSIVE STRENGTH SHALL BE GREATER THAN 100 MPA FOR 90% OF THE ROCK SAMPLED.

5.6.

WATER ABSORPTION

THE AVERAGE WATER ABSORPTION SHALL BE NO MORE THAN 1.5 PERCENT WITH 90% OF THE ROCKS HAVING A WATER ABSORPTION LESS THAN 2.5% TESTED AND REPORTED IN ACCORDANCE WITH AS 114.16.1.

5.7.

RESISTANCE TO WEATHERING

SODIUM SULPHATE SOUNDNESS SHALL BE LESS THAN 5% FOR 90% OF ROCK SAMPLED. SAMPLE TESTING AND REPORTING SHALL BE IN ACCORDANCE WITH AS 114.124.

IF THE ROCK IS BASALTIC, THERE SHALL BE NO OCCURRENCES OF THE SONNENBRAND EFFECT IN THE FIRST 20 ROCKS TESTED OR NO MORE THAN ONE OCCURRENCE IN THE FIRST TWO ROCKS TESTED WHEN SAMPLED, TESTED AND REPORTED IN ACCORDANCE WITH EN 13383.

5.8.

ABRASION RESISTANCE

WHEN TESTED IN ACCORDANCE WITH AS 114.123, THE LOS ANGELES ABRASION VALUE SHALL BE LESS THAN 30% FOR 90% OF THE ROCK SAMPLED.

6.

ROCK PLACEMENT

6.1.

ROCK SHALL BE PLACED SUCH THAT THE SPECIFIED REQUIREMENTS FOR MASS (MAXIMUM, MINIMUM AND 50% OR MEDIAN), FINISHED SIDE SLOPES, CREST AND TOE LEVELS, LAYER THICKNESSES AND DENSITY REQUIREMENTS ARE SATISFIED.

6.2.

IN ADDITION, ROCKS SHALL BE WEDGED AND LOCKED TOGETHER SUCH THAT THEY ARE NOT FREE TO MOVE. ARMOUR STONE SHALL NOT BE ROLLED OR DROPPED INTO POSITION; IT SHALL BE PLACED.
- BEACH NOURISHMENT WORKS:
1.

SAND FOR BEACH NOURISHMENT SHALL BE IMPORTED OR LOCALLY WON FROM AN APPROVED BORROW SITE AS DIRECTED BY THE SUPERINTENDENT.

2.

SAND MATERIAL, SAMPLING AND TESTING SHALL COMPLY WITH THE TECHNICAL SPECIFICATION.

3.

ALL SET-OUT POINTS SHALL BE CONFIRMED ON SITE AND APPROVED BY THE SUPERINTENDENT PRIOR TO COMMENCEMENT. THE NOURISHED PROFILE SHALL COMMENCE ALONG THE 1.0m AHD CONTOUR FOR THE FULL ALIGNMENT AND BE GRADED TO A SMOOTH SURFACE.

4.

THE CONTRACTOR SHALL CONSTRUCT THE NOURISHED BEACH TO THE DESIGN BEACH BERM LEVEL, WIDTH AND SLOPE SHOWN ON THE DRAWINGS, WITHIN TOLERANCES AS PER THE TECHNICAL SPECIFICATION.

5.

TRANSITIONS AT GROYNES, FLANKS AND LANDWARD TIE-INS SHALL BE SMOOTH, WITH NO ABRUPT STEPS OR DEPRESSIONS.

6.

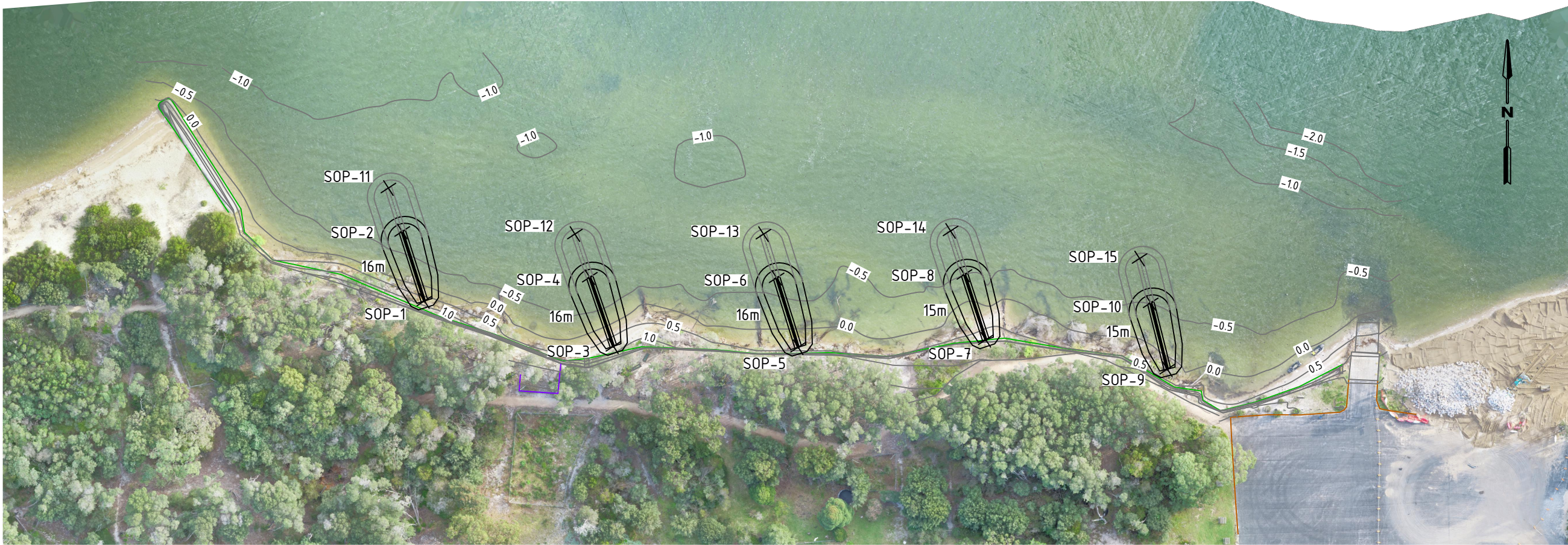
NOURISHMENT IS SHOWN IN STAGES AND NUMBERED CELLS. THE STAGES AND CELLS TO BE DELIVERED UNDER THIS CONTRACT WILL BE DEFINED IN THE CONTRACT DOCUMENTS.
- | CLASS | DRY WEIGHT (kg) | | | | | NOMINAL DIAMETER (mm) |
|-------|------------------|-----------------|-----------------|-----------------|------------------|-----------------------|
| | M _{min} | M ₁₅ | M ₅₀ | M ₈₅ | M _{max} | D _{n50} |
| I | 20 | 40 | 70 | 100 | 165 | 300 |
- | | | | | | | |
|------|------------|---|------|--------|-------|--|
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| C | 04.09.2025 | ISSUED FOR TENDER | TS | AWP | AWP | |
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-
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| Drawn | LP | Date | 04.08.2025 | Client | DEPARTMENT OF ENERGY, ENVIRONMENT AND CLIMATE ACTION - VICTORIA | | | | | | |
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| Verified | AWP | Date | 04.08.2025 | Title | GENERAL NOTES | | DATUM | AHD | | | |
| Approved | AWP | Date | 04.08.2025 | | | Scale | N.T.S | Size | A3 | | |
| | | | | | | | Drawing Number | 250094-CST-DRG-002 | | | |
| | | | | | | | | | Revision | C | |

DATE PLOTTED: 4 September 2025 2:02 PM BY: LINDSAY POLKINGHORNE

LEGEND	
PROPOSED STAGE 1 GROUYNE STRUCTURE	
PROPOSED STAGE 2 GROUYNE EXTENSION	
FENCE	
TOE OF BANK	
EDGE OF BITUMEN	
CONTOURS	

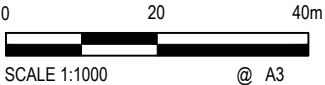
STAGE 1 (SHORT GROYNES) SETOUT POINTS					
GROYNE NUMBER	POINT NUMBER	EASTING	NORTHING	EXISTING RL (AHD)	FINISHED GROUYNE RL (AHD)
1	SOP-1	552072.615	5790135.490	0.7m	1.25m
	SOP-2	552061.612	5790147.107	-0.7m	0.5m
2	SOP-3	552114.280	5790144.520	0.8m	1.25m
	SOP-4	552103.039	5790155.911	-0.7m	0.5m
3	SOP-5	552150.891	5790161.918	0.4m	1.25m
	SOP-6	552140.024	5790173.576	-0.5m	0.5m
4	SOP-7	552187.254	5790181.245	0.7m	1.25m
	SOP-8	552176.830	5790192.120	-0.5m	0.5m
5	SOP-9	552225.930	5790192.720	0.2m	1.25m
	SOP-10	552216.333	5790204.238	-0.6m	0.5m

STAGE 2 (GROYNE EXTENSION) SETOUT POINTS					
GROYNE NUMBER	POINT NUMBER	EASTING	NORTHING	EXISTING RL (AHD)	FINISHED GROUYNE RL (AHD)
1	SOP-2	552061.612	5790147.107	-0.7m	1.25m
	SOP-11	552054.741	5790154.372	-0.8m	0.5m
2	SOP-4	552103.039	5790155.911	-0.7m	1.25m
	SOP-12	552095.988	5790163.025	-0.8m	0.5m
3	SOP-6	552140.024	5790173.576	-0.5m	1.25m
	SOP-13	552133.271	5790180.958	-0.7m	0.5m
4	SOP-8	552176.830	5790192.120	-0.5m	1.25m
	SOP-14	552169.935	5790199.394	-0.8m	0.5m
5	SOP-10	552216.333	5790204.238	-0.6m	1.25m
	SOP-15	552209.917	5790211.931	-0.8m	0.5m



- NOTE:
- AERIAL IMAGERY AND SURVEY DATA FROM GIPPSLAND PORTS, DATED 18/06/2025.
 - THIS IS A DYNAMIC AREA AND GROUND LEVELS MAY HAVE CHANGED SINCE SURVEY. CONTRACTOR TO CONFIRM LEVELS ON SITE PRIOR TO CONSTRUCTION.
 - CONTRACTOR TO VERIFY SET OUT POINTS ON SITE AND OBTAIN SUPERINTENDENT'S APPROVAL PRIOR TO COMMENCEMENT OF CONSTRUCTION.
 - LANDWARD GROUYNE TOE TO BE POSITIONED AT TOE OF BANK.

GROYNE GENERAL ARRANGEMENT PLAN
SCALE 1:1000



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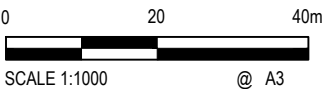
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FENCE	
TOE OF BANK	
EDGE OF BITUMEN	
CONTOURS	
BEACH NOURISHMENT STAGE 3	
BEACH NOURISHMENT STAGE 4 EXTENSION	

STAGE 3 - BEACH NOURISHMENT			
POINT NUMBER	EASTING	NORTHING	EXISTING RL (AHD)
SOP-A	552026.652	5790134.663	1.0m
SOP-B	552250.838	5790198.594	1.0m
REFER TO NOTE 3 AND 4			



- NOTE:
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 - THIS IS A DYNAMIC AREA AND GROUND LEVELS MAY HAVE CHANGED SINCE SURVEY. CONTRACTOR TO CONFIRM LEVELS ON SITE PRIOR TO CONSTRUCTION.
 - CONTRACTOR TO VERIFY SET OUT POINTS ON SITE AND OBTAIN SUPERINTENDENT'S APPROVAL PRIOR TO COMMENCEMENT OF CONSTRUCTION.
 - THE NOURISHED PROFILE SHALL COMMENCE ALONG THE 1.0m AHD CONTOUR FOR THE FULL ALIGNMENT.
 - NOURISHMENT IS SHOWN AS SEPARABLE PORTIONS OF WORK AS STAGES AND NUMBERED GROYPE COMPARTMENTS (CELLS). THE SCOPE OF STAGES AND CELLS TO BE DELIVERED UNDER THIS CONTRACT WILL BE DEFINED IN THE CONTRACT DOCUMENTS. FOR SCOPE DEFINITION, PRIORITY SHALL BE GIVEN TO THE EASTERNMOST CELLS, WITH ADDITIONAL CELLS TO THE WEST INCLUDED AS BUDGET ALLOWS.

BEACH NOURISHMENT PLAN
SCALE 1:1000



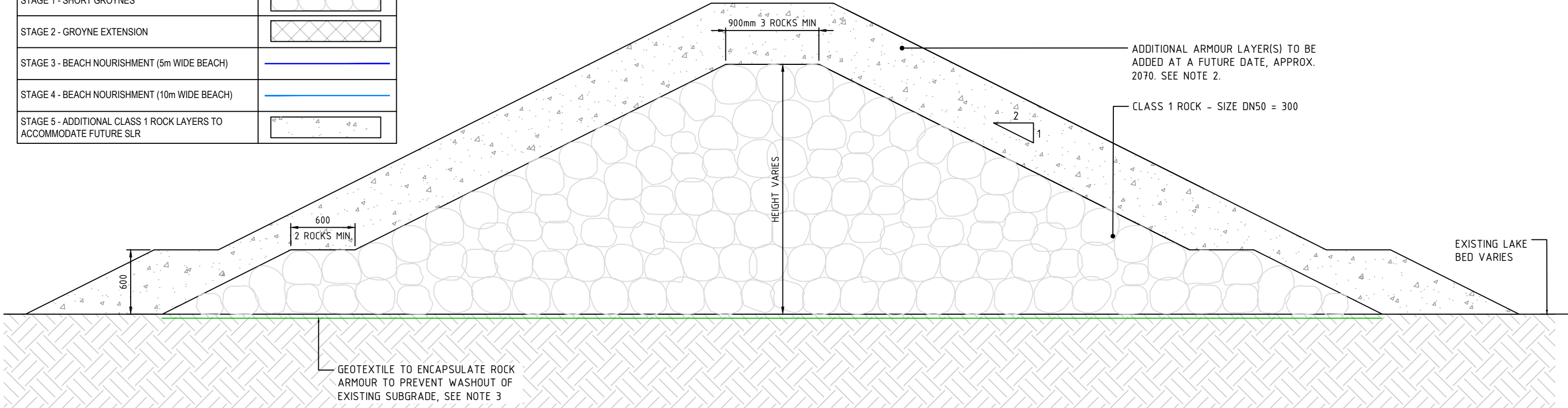
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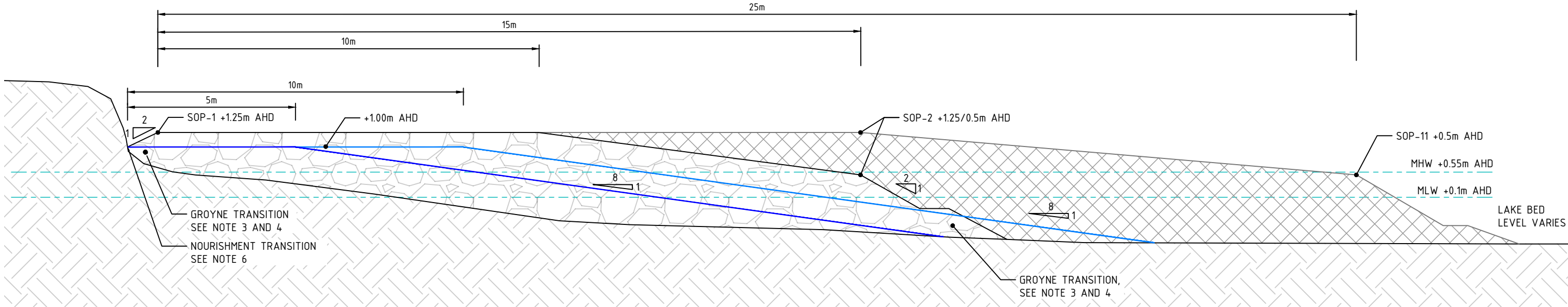
XREF's: FSC-GEN\XRF-Tileblock A3: FSC-GEN\XRF-Logos A3: 250094-CST-XRF-Ex_Survey
CAD File: C:\Users\Lindsay.Polkinghorne\Documents\03 Dwg\03_Drawing Sheets\250094-CST-DRG-001-021.dwg

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LEGEND	
STAGE 1 - SHORT GROYNES	
STAGE 2 - GROYNE EXTENSION	
STAGE 3 - BEACH NOURISHMENT (5m WIDE BEACH)	
STAGE 4 - BEACH NOURISHMENT (10m WIDE BEACH)	
STAGE 5 - ADDITIONAL CLASS 1 ROCK LAYERS TO ACCOMMODATE FUTURE SLR	



SECTION VIEW



ELEVATION VIEW

NOTES:

- GROYNE STRUCTURES ARE SHOWN IN TWO STAGES: STAGE 1 (SHORT GROYNES) AND STAGE 2 (EXTENDED GROYNES). THIS DRAWING ILLUSTRATES THE FULL DESIGN INTENT; HOWEVER, THE STAGES TO BE CONSTRUCTED UNDER THIS CONTRACT WILL BE AS DEFINED IN THE CONTRACT DOCUMENTS.
- ADDITIONAL LAYERS TO BE ADDED AT A FUTURE DATE TO ACCOMMODATE SEA LEVEL RISE. INCREASE IN CREST HEIGHT TO MATCH SEA LEVEL RISE SINCE CONSTRUCTION DATE. DIMENSIONS, INCLUDING CREST AND TOE WIDTHS, PROFILES, SLOPES, AND MATERIALS TO BE CONSISTENT WITH THESE DRAWINGS AND CONTRACT DOCUMENTATION.
- ENSURE GEOTEXTILE IS ADEQUATELY CONCEALED UPON COMPLETION.
- GROYNE TO TRANSITION TO EXISTING TOE OF BANK AND LAKE BED. SLOPE AND TOE DETAIL AT TRANSITIONS ARE CONSISTENT WITH CROSS SECTION VIEW.
- BEACH NOURISHMENT IS SHOWN IN TWO STAGES: STAGE 1 (5m WIDE BEACH) AND STAGE 2 (10m WIDE BEACH). THIS DRAWING SHOWS THE FULL DESIGN INTENT; HOWEVER, THE SCOPE OF STAGES TO BE CONSTRUCTED UNDER THIS CONTRACT WILL BE AS DEFINED IN THE CONTRACT DOCUMENTS.
- BEACH NOURISHMENT TO COMMENCE AT THE EXISTING 1.0m AHD CONTOUR, TO TRANSITION SMOOTHLY TO THE EXISTING ELEVATION.



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Designed	TS	Date	04.08.2025				NOT TO BE USED FOR CONSTRUCTION PURPOSES			
Verified	AWP	Date	04.08.2025	Title	TYPICAL SECTIONS AND ELEVATIONS		DATUM	Scale	Size	
Approved	AWP	Date	04.08.2025				AHD		N.T.S	A3
					Drawing Number					Revision
					250094-CST-DRG-021					C