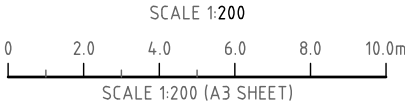




SITE LOCATION PLAN



BENDALONG BEACH STORMWATER OUTFALL AND SCOUR PROTECTION

FOR THE
SHOALHAVEN CITY COUNCIL

DRAWING NUMBER	DRAWING TITLE
D00	TITLE SHEET
D01	NOTES AND SPECIFICATIONS
D02	PLAN VIEW
D03	SECTIONS AND DETAILS

FOR CONSTRUCTION

C	09.04.2025	ISSUED FOR CONSTRUCTION
B	04.04.2025	ISSUED FOR CLIENT REVIEW
A	31.03.2025	ISSUED FOR CLIENT REVIEW
Amendments		



PROJECT:
BENDALONG BEACH STORMWATER OUTFALL AND SCOUR PROTECTION SHOALHAVEN

DESIGNED BY:	DRAWN BY:
EDA	EDA
DRAWING DATE:	CHECKED:
09.04.2025	CJB
SHEET:	SCALE:
1 OF 4	AS SHOWN
FILE:	
25050032_Bendalong_C.dwg	

WT-25050032-D00 TITLE SHEET		
PROJECT No.	DRAWING No.	REV.
25050032	D00	C

BENDALONG BEACH STORMWATER OUTFALL AND SCOUR PROTECTION

DRAWING NUMBER

WT-25050032-D00
WT-25050032-D01
WT-25050032-D02
WT-25050032-D03

DRAWING TITLE

TITLE SHEET
NOTES AND SPECIFICATIONS
PLAN VIEW
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NOTES

1. DIMENSIONS ARE IN MILLIMETRES (MM) UNLESS NOTED OTHERWISE.
2. ALL LEVELS ARE RELATIVE TO AUSTRALIAN HEIGHT DATUM (mAHD).

MATERIALS - ROCK BAGS

ROCKBAGS UNIT SHALL BE BLUEMONT 2T ECOGREEN TYPE BAGS OR EQUIVALENT. ROCKBAGS SHALL BE FILLED AND PLACED IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS AND INSTALLATION GUIDLINES. SPECIFIC GRAVITY OF FILLING STONES IS BETWEEN 2.6 TO 2.65 AND MAXIMUM DIAMETER OF THE FILLING IS 200mm.

EQUIVALENT ROCK BAGS MAY BE OFFERED FOR APPROVAL BY SUPERINTENDENT AS ALTERNATIVE.

THE DIMENSIONS OF INDIVIDUAL ROCK BAGS ARE NOT FIXED AND MAY VARY, WITH VERTICAL TOLERANCES OF UP TO ± 0.1 M. PRIOR TO PLACEMENT, THE HORIZONTAL AND VERTICAL DIMENSIONS OF EACH BAG SHALL BE MEASURED AND RECORDED. PLACEMENT OF EACH BAG MUST BE UNDERTAKEN IN CONSULTATION WITH THE SUPERINTENDENT TO ENSURE THE CORRECT ALIGNMENT AND FIT WITHIN THE OVERALL STRUCTURE.

MATERIALS - FLEXIBLE PIPELINE

THE FLEXIBLE PIPELINE SHALL BE IPLEX BLACK MAX DN750 6M SN8 OR EQUIVALENT. THE PIPELINE SHALL BE PLACED IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS AND INSTALLATION GUIDLINES.

EQUIVALENT PIPELINE MAY BE OFFERED FOR APPROVAL BY SUPERINTENDENT AS ALTERNATIVE.

MATERIALS - PIPELINES CONECTION

THE CONNECTION BETWEEN THE CONCRETE PIPELINE (675 RCP CLASS 4) AND THE FLEXIBLE PIPELINE SHALL BE DONE IN ACCORDANCE WITH FERNCO FLEXSEAL LARGE COUPLING PRODUCT CODE LC800WA OR EQUIVELANT. THE CONNECTION SHALL APPLY FERNCO BUSH (EPDM RUBBER RING) OF CUSTOMIZED PRODUCT CODE BC32/781 OR EQUIVELANT. THE CONNECTION BETWEEN PIPELINES SHALL BE DONE IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS AND INSTALLATION GUIDLINES.

EQUIVALENT PIPELINE CONNECTION MAY BE OFFERED FOR APPROVAL BY SUPERINTENDENT AS ALTERNATIVE.

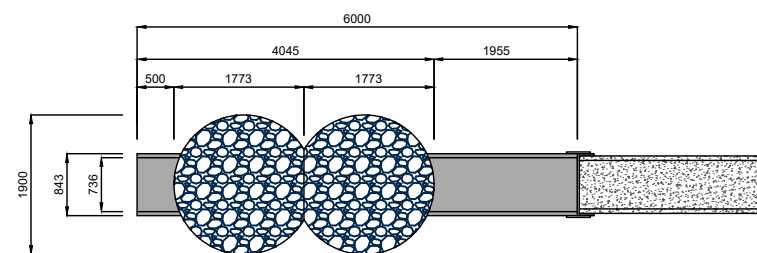
MATERIALS - GEOTEXTILE

THE GEOTEXTILE SHALL BE ELCOMAX 900R OR EQUIVALENT. THE GEOTEXTILE SHALL BE CAREFULLY PLACED IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS AND INSTALLATION GUIDLINES TO ENSURE THAT IT IS NOT PUNCTURED OR TORN. ANY AREAS WHERE THE GEOTEXTILE IS PUNCTURED OR TORN SHALL BE REMOVED OR REPAIRED TO THE SATISFACTION OF THE SUPERINTENDENT AND IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS. THE HANDLING AND STORAGE OF ALL GEOTEXTILE PRIOR TO INSTALLATION SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND TO THE SATISFACTION OF THE SUPERINTENDENT.

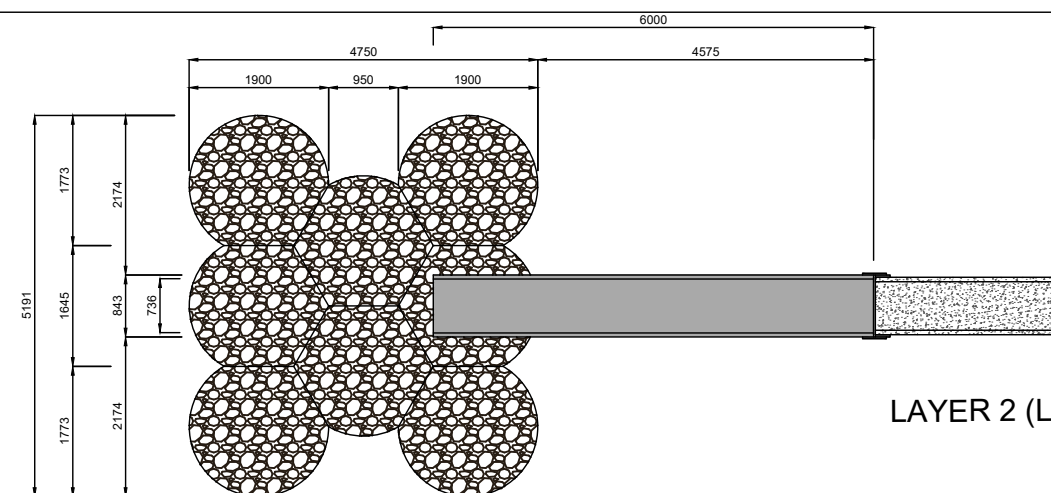
EQUIVALENT NON-WOVEN GEOTEXTILE MAY BE OFFERED FOR APPROVAL BY SUPERINTENDENT AS ALTERNATIVE.

FOR CONSTRUCTION

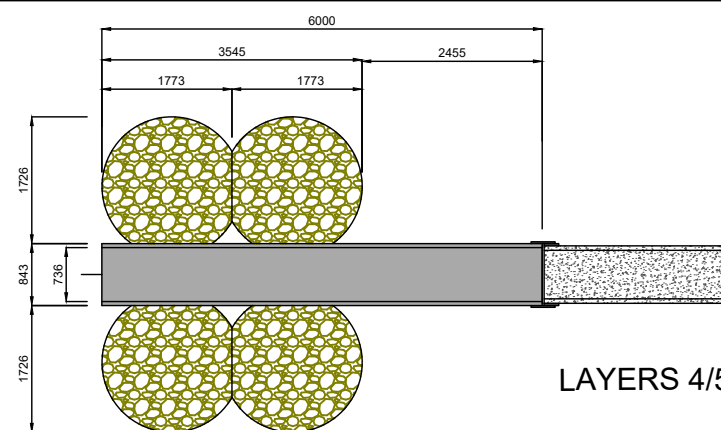
				CLIENT: 	PROJECT: BENDALONG BEACH STORMWATER OUTFALL AND SCOUR PROTECTION SHOALHAVEN	DESIGNED BY: EDA	DRAWN BY: EDA	WT-25050032-D01 NOTES AND SPECIFICATIONS		
						DRAWING DATE: 09.04.2025	CHECKED: CJB			
						SHEET: 2 OF 4	SCALE: AS SHOWN			
C	09.04.2025	ISSUED FOR CONSTRUCTION				FILE: 25050032_Bendalong_C.dwg		PROJECT No.	DRAWING No.	REV.
B	04.04.2025	ISSUED FOR CLIENT REVIEW						25050032	D01	C
A	31.03.2025	ISSUED FOR CLIENT REVIEW								
Amendments										



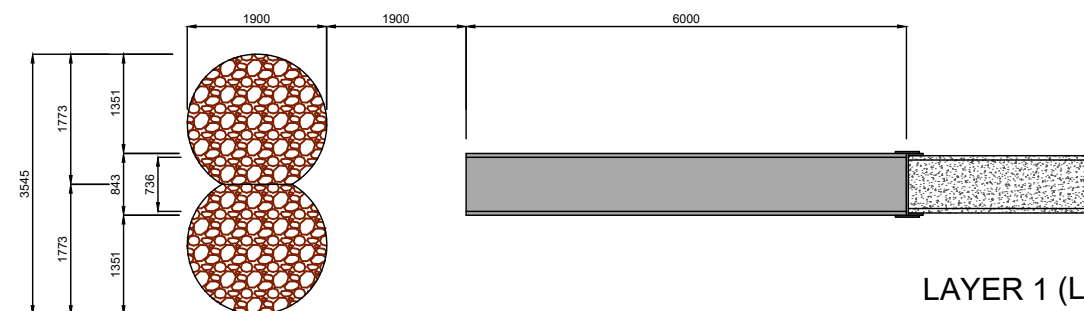
LAYER 6 (L6)



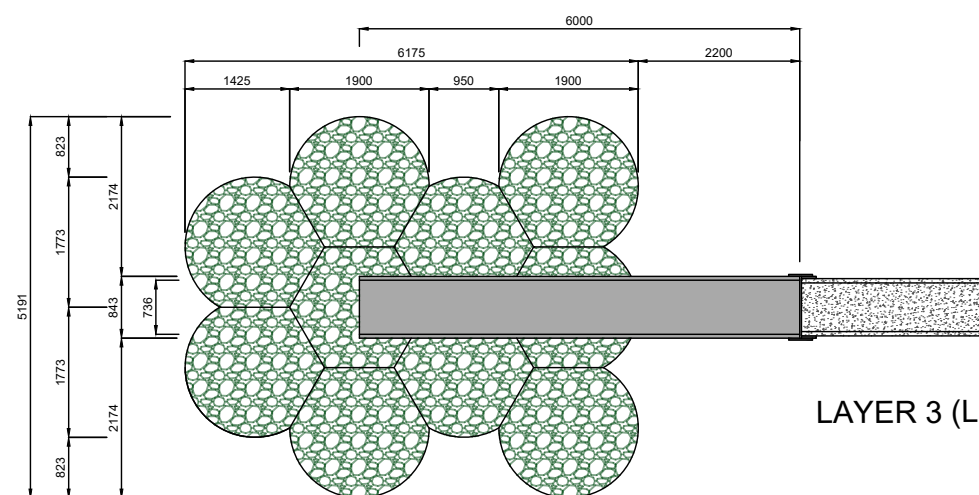
LAYER 2 (L2)



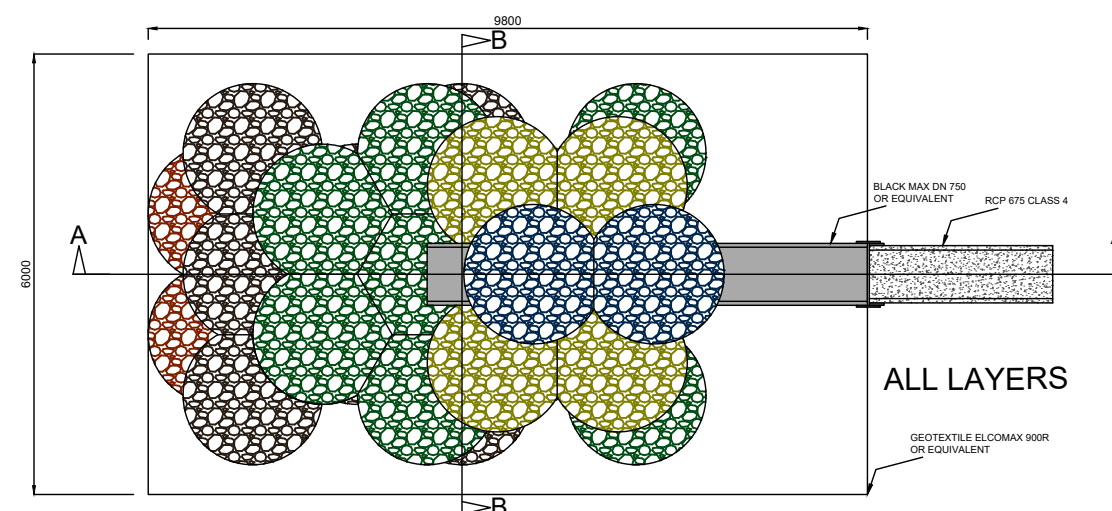
LAYERS 4/5 (L4/5)



LAYER 1 (L1)



LAYER 3 (L3)



ALL LAYERS

FOR CONSTRUCTION

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CLIENT:

Shoalhaven
City Council

PROJECT:

BENDALONG BEACH STORMWATER
OUTFALL AND SCOUR PROTECTION
SHOALHAVEN

DESIGNED BY:

EDA

DRAWN BY:

EDA

DRAWING DATE:

09.04.2025

CHECKED:

CJB

SHEET:

3 OF 4

SCALE:

AS SHOWN

FILE:

25050032_Bendalong_C.dwg

WT-25050032-D02
PLAN VIEW

PROJECT No.

25050032

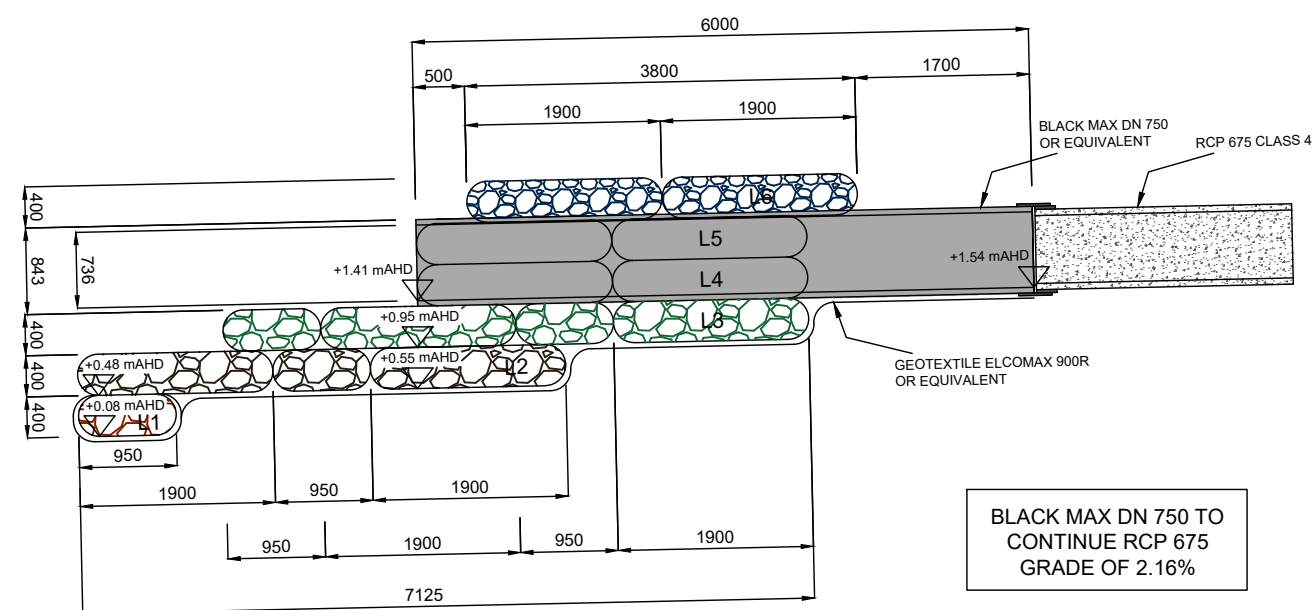
DRAWING No.

D02

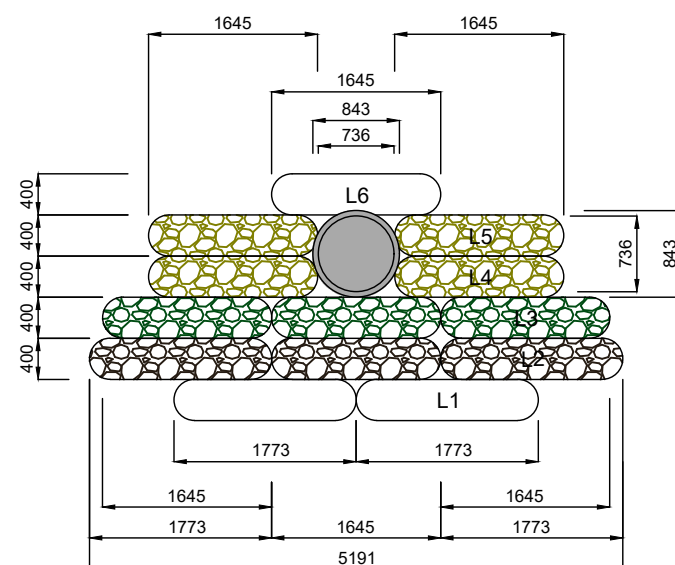
REV.

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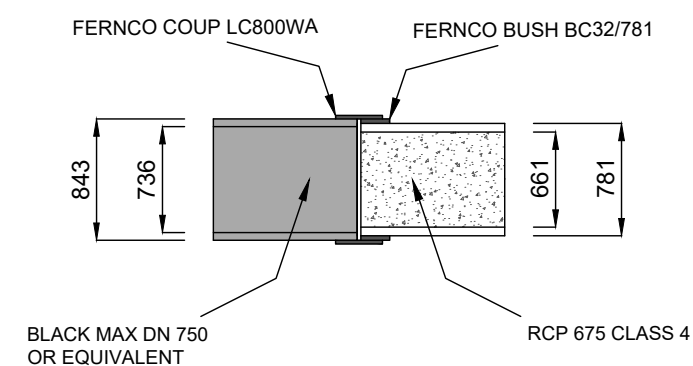
SCOUR PROTECTION PROFILE (A-A)



SCOUR PROTECTION CROSS SECTION (B-B)



PIPELINES CONNECTION DETAIL



FOR CONSTRUCTION

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CLIENT:



PROJECT:

BENDALONG BEACH STORMWATER OUTFALL AND SCOUR PROTECTION SHOALHAVEN

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FILE: 25050032 Bendalong C.dwg	

WT-25050032-D03
SECTIONS AND DETAILS

PROJECT No.	DRAWING No.	REV.
25050032	D03	0