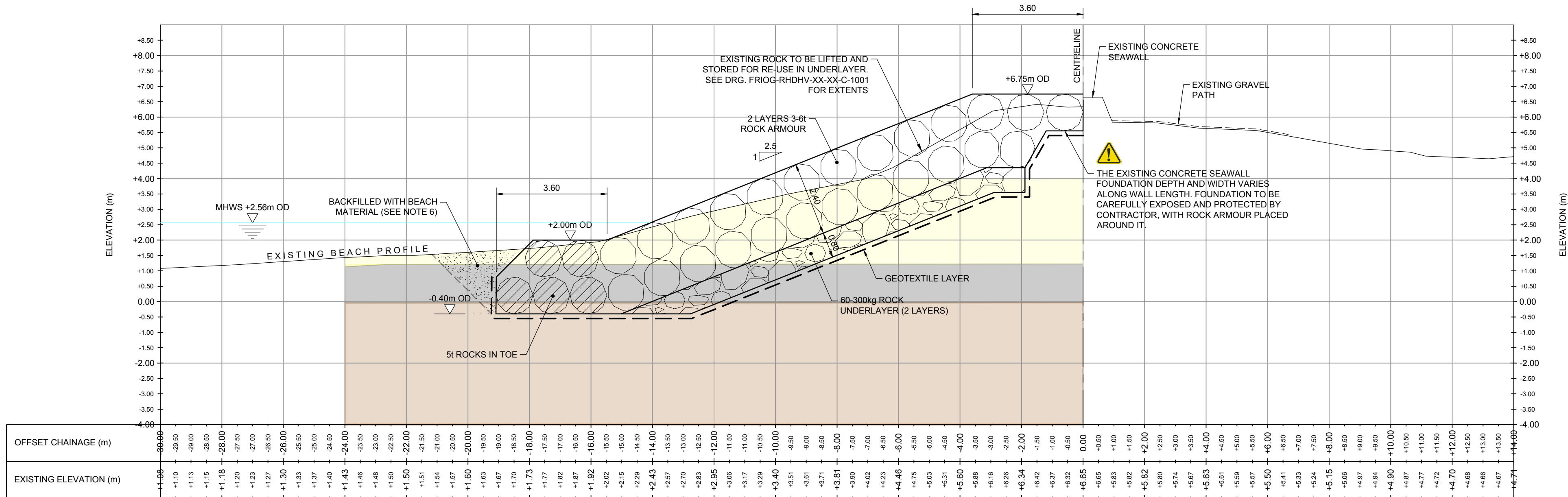


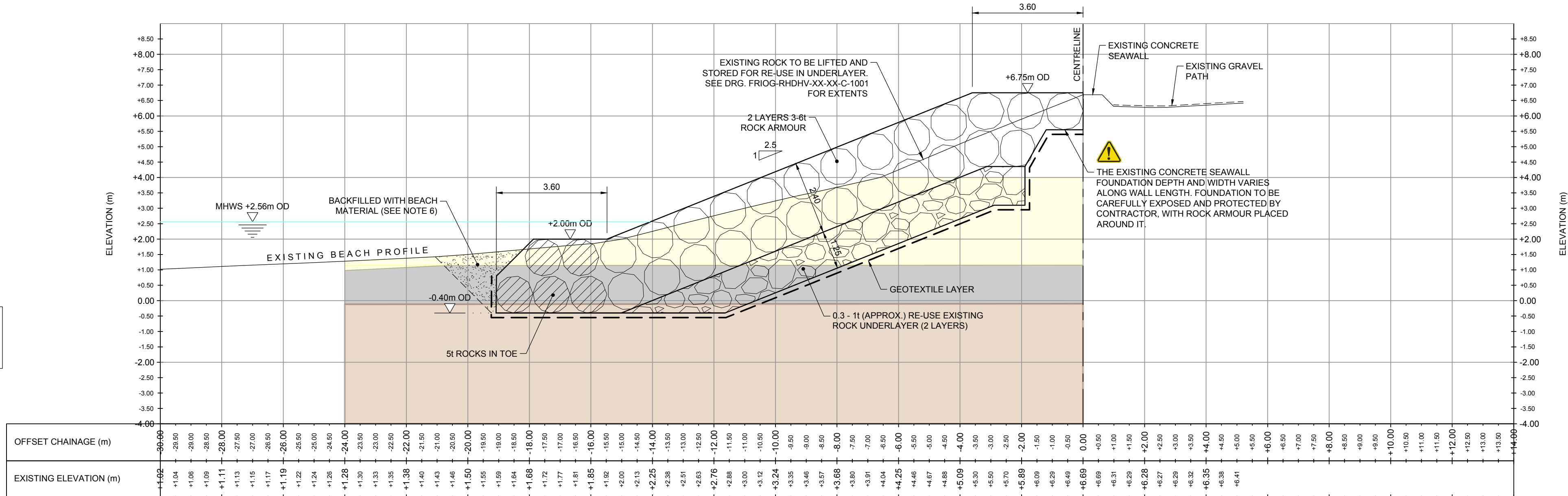
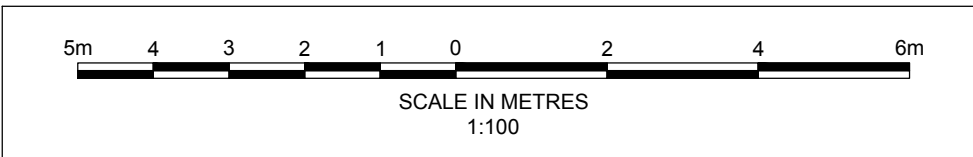
DO NOT SCALE



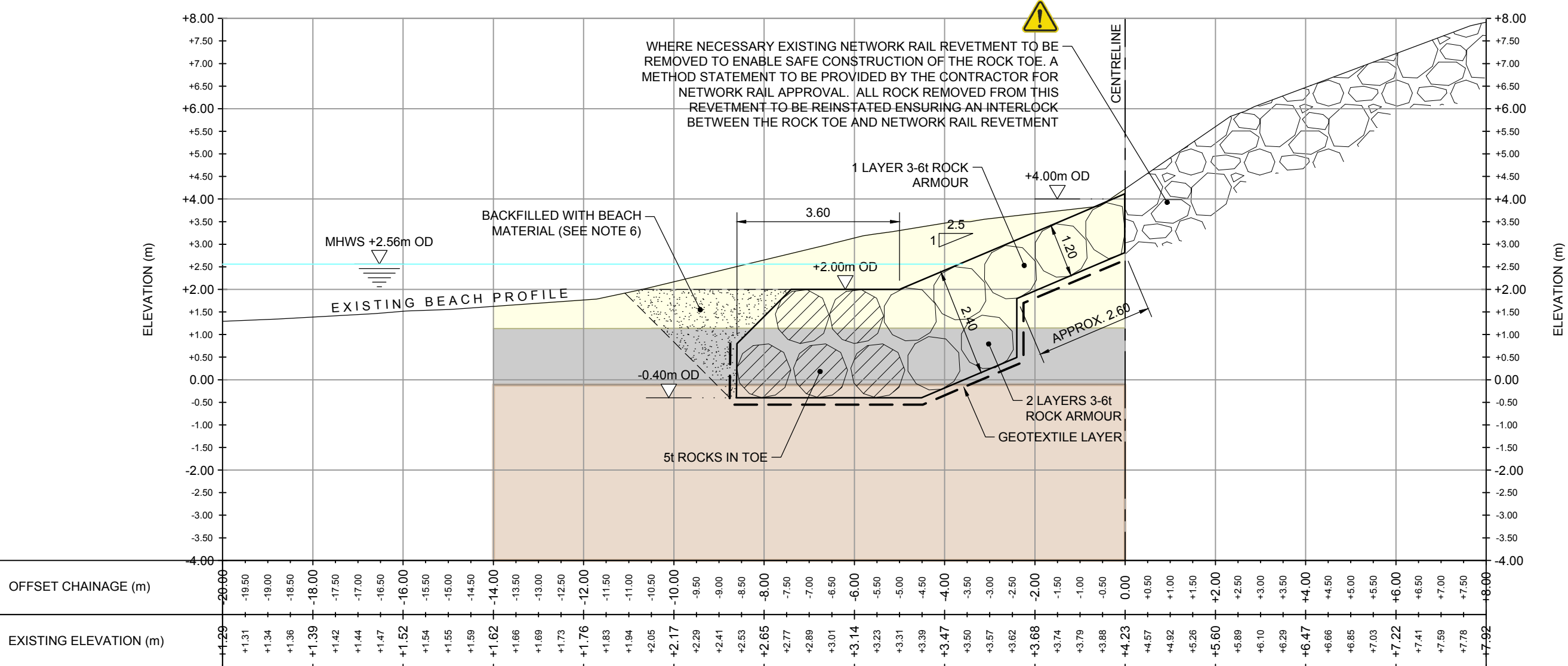
SECTION G-G
SCALE 1:100

NOTE: THE GEOLOGICAL INFORMATION SHOWN HAS BEEN INTERPRETED FROM BH1 AND BH3 AND ARE INDICATIVE DUE TO LOCALISED VARIATION.

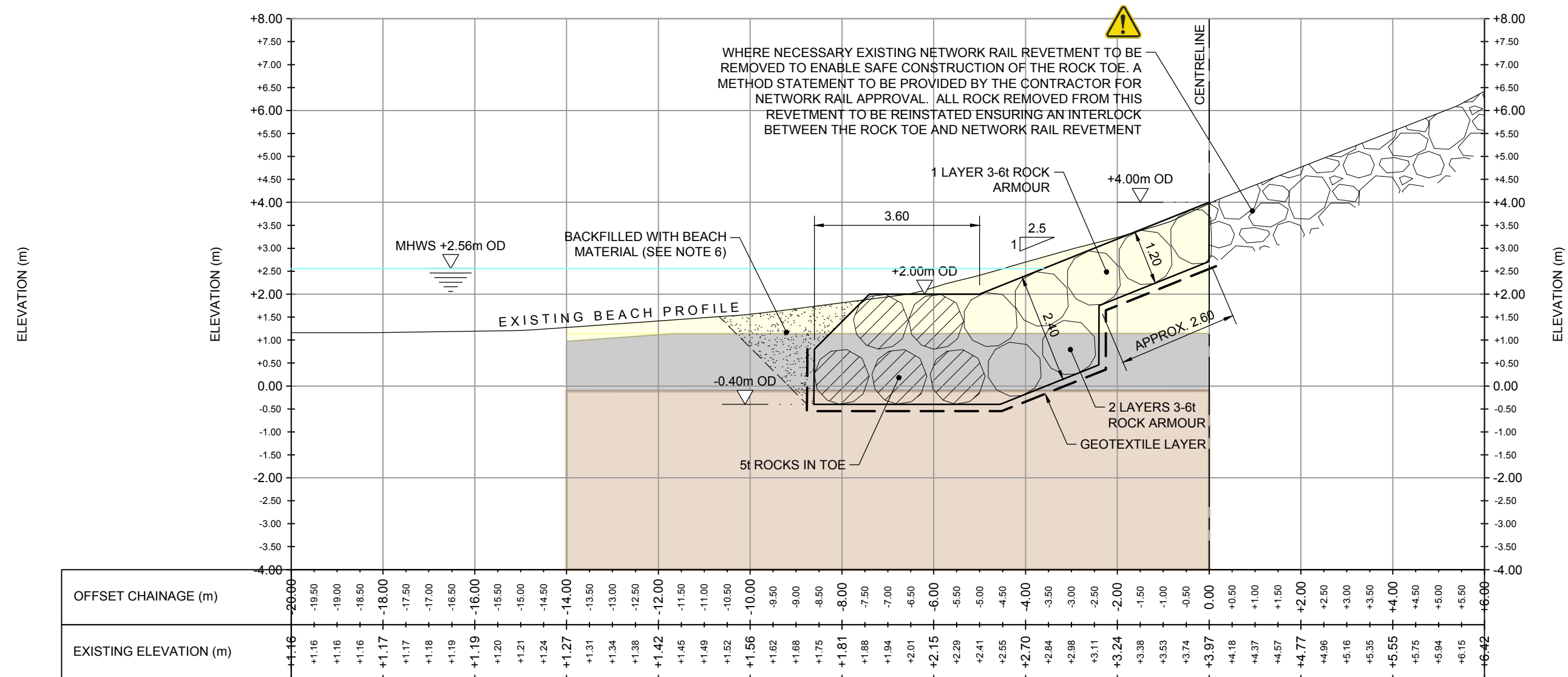
NOTE: THE ROCKS SHOWN WITHIN THE ARMOUR PROFILE ARE INDICATIVE ONLY AND THE CONTRACTOR IS TO COMPLY WITH THE ROCK REQUIREMENTS AS NOTED ON THE DRAWINGS AND IN THE SPECIFICATION.



SECTION H-H
SCALE 1:100



SECTION J-J
SCALE 1:100



SECTION K-K
SCALE 1:100

NOTES

- ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
- ALL LEVELS ARE IN METRES RELATIVE TO ORDNANCE DATUM NEWLYN (OD) UNLESS NOTED OTHERWISE.
- ALL COORDINATES ARE IN METRES RELATIVE TO ORDNANCE SURVEY NATIONAL GRID.
- ALL MATERIALS AND WORKMANSHIP WILL BE AS DEFINED IN THE SPECIFICATION UNLESS NOTED OTHERWISE.
- THIS DRAWING IS BASED UPON THE TOPOGRAPHIC SURVEY COMPLETED IN MARCH 2018 BY USK LAND SURVEY.
- EXCAVATED BEACH DEPOSITS MAY BE RE-DISTRIBUTED AS INSTRUCTED BY NRW. EXCAVATED PEAT AND CLAY SHOULD BE DISPOSED OF OFF SITE.
- CONTRACTOR TO DETERMINE SLOPE ANGLE OF EXCAVATED BEACH TO FACILITATE SAFE PLACEMENT OF GEOTEXTILE AND ROCK AT THE TOP.

SAFETY HEALTH AND ENVIRONMENTAL INFORMATION

IN ADDITION TO THE HAZARDS/RISKS NORMALLY ASSOCIATED WITH THE TYPES OF WORK DETAILED ON THIS DRAWING, NOTE THE FOLLOWING SIGNIFICANT RESIDUAL RISKS:

CONSTRUCTION:

- PUBLIC INTERFACE: PUBLIC ACCESSING THE BEACH AND FOOTPATH. RISK OF FALLING, ENTRAPMENT OR TRAFFIC ACCIDENTS.
- TIDAL EXPOSURE: HIGH TIDE, WAVE RUN UP, AND STORM DAMAGE (SEMI-DIURNAL TIDE -1.74m OD MLWS, +2.56m OD MHWS).
- BEACH VARIABILITY: BEACH LEVELS FLUCTUATE, VARIABLE GROUND MAY CAUSE OVERTURNING OF PLANT.
- DAMAGE TO EXISTING RETURN WALL (WHICH WAS DAMAGED IN 2014): FURTHER DAMAGE TO EXISTING RETURN WALL DURING EXCAVATION WORKS LEADING TO INCREASED RISK OF FAILURE.
- DAMAGE TO EXISTING CREST WALL: RISK OF UNDERMINING DUE TO EXCAVATION AND PLACEMENT OF ROCK AND INCREASED LOADING BY PLANT.
- DISTURBANCE TO EXISTING WW2 TANK TRAPS: FURTHER DESTABILISING OF TANK TRAPS DURING RELOCATION. METHODOLOGY FOR RELOCATION TO BE APPROVED BY NRW AND Cadw.
- DISTURBANCE TO EXISTING ROCK ARMOUR: DESTABILISING OF NETWORK RAIL ROCK ARMOUR AND THE EMERGENCY ROCK ARMOUR. MAINTAIN SAFE DISPLACEMENT AND REINSTATEMENT AT TOE OF NETWORK RAIL ROCK ARMOUR.
- WORKS FALL WITHIN SSSI: WORKS AT THE SOUTHERN END OF THE SITE FALL WITHIN THE SSSI (AT NETWORK RAIL ROCK ARMOUR). NO ACCESS ON TO PROTECTED REEF LOCATED WITHIN THE SSSI, 135m TO THE SOUTH OF THE WORKS, WHICH IS SENSITIVE TO PROLONGED BURIAL UNDER SEDIMENT.
- UTILITIES: UTILITIES IDENTIFIED AT THE NETWORK RAIL CHALET TO BE DEMOLISHED. SERVICES SEARCHES AND SURVEY TO BE COMPLETED BY CONTRACTOR PRIOR TO WORKS COMMENCING FOR WORKS AREA.

MAINTENANCE /OPERATION:

DEMOLITION:

LEGEND:

	BEACH DEPOSITS
	PEAT
	CLAY

FOR CONSTRUCTION

C2	JUNE '18	MODIFICATIONS TO SUIT CLIENTS COMMENTS	DS	DC	TE
C1	JUNE '18	CONSTRUCTION ISSUE	DS	DC	TE
P1	APRIL '18	FOR CLIENT REVIEW	DS	DC	TE
REV	DATE	DESCRIPTION	BY	CHK	APP

REVISIONS

PROJECT
FRIOG CORNER SEA DEFENCE REPAIR AND IMPROVEMENT WORKS

CLIENT

TITLE

CROSS SECTIONS
SHEET 3 OF 3

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Website www.royalhaskoning.com

DRAWN	DS	CHECKED	DC	APPROVED	TE
DATE	APRIL 2018	SCALE	AS SHOWN	REF:	FRIOG-RHDHV-XX-XX-DR-C-1007.dwg
DRAWING No.	FRIOG-RHDHV-XX-XX-DR-C-1007	SUITABILITY	A	REVISION	C2