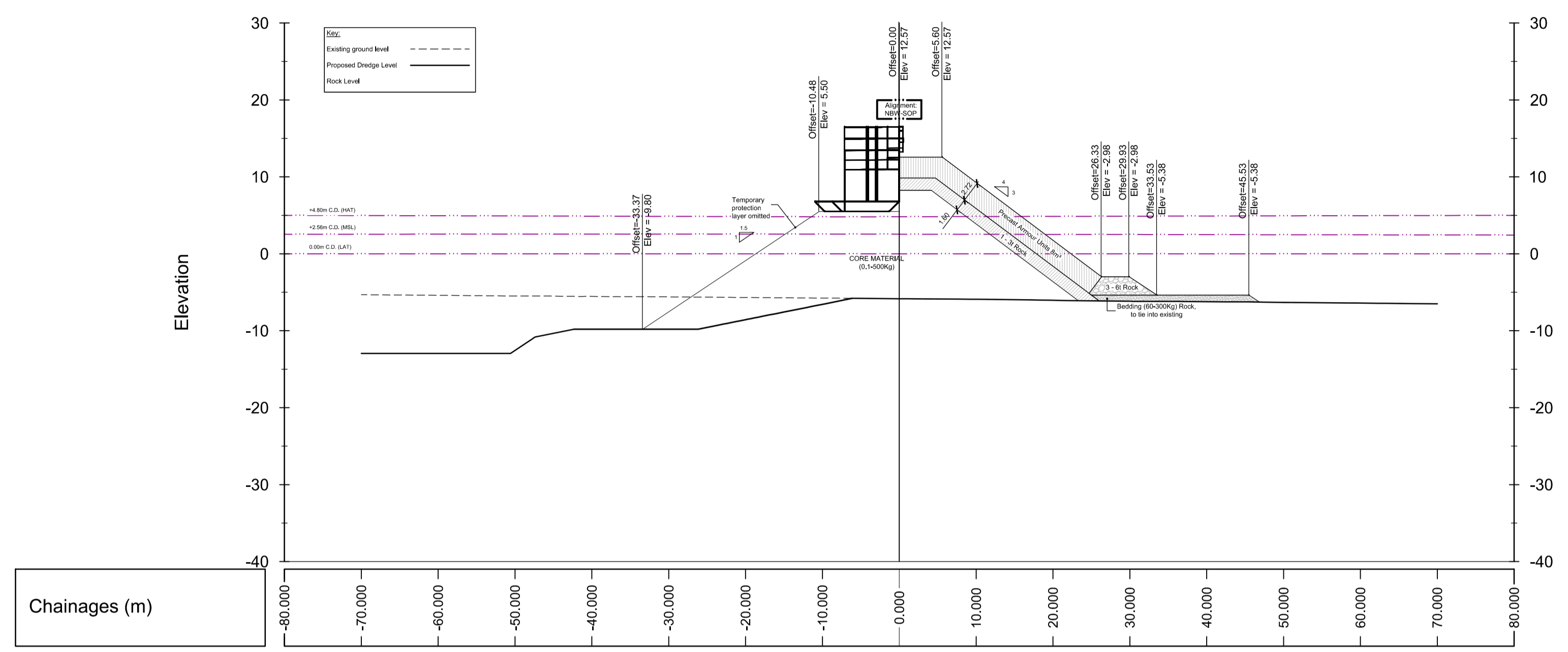
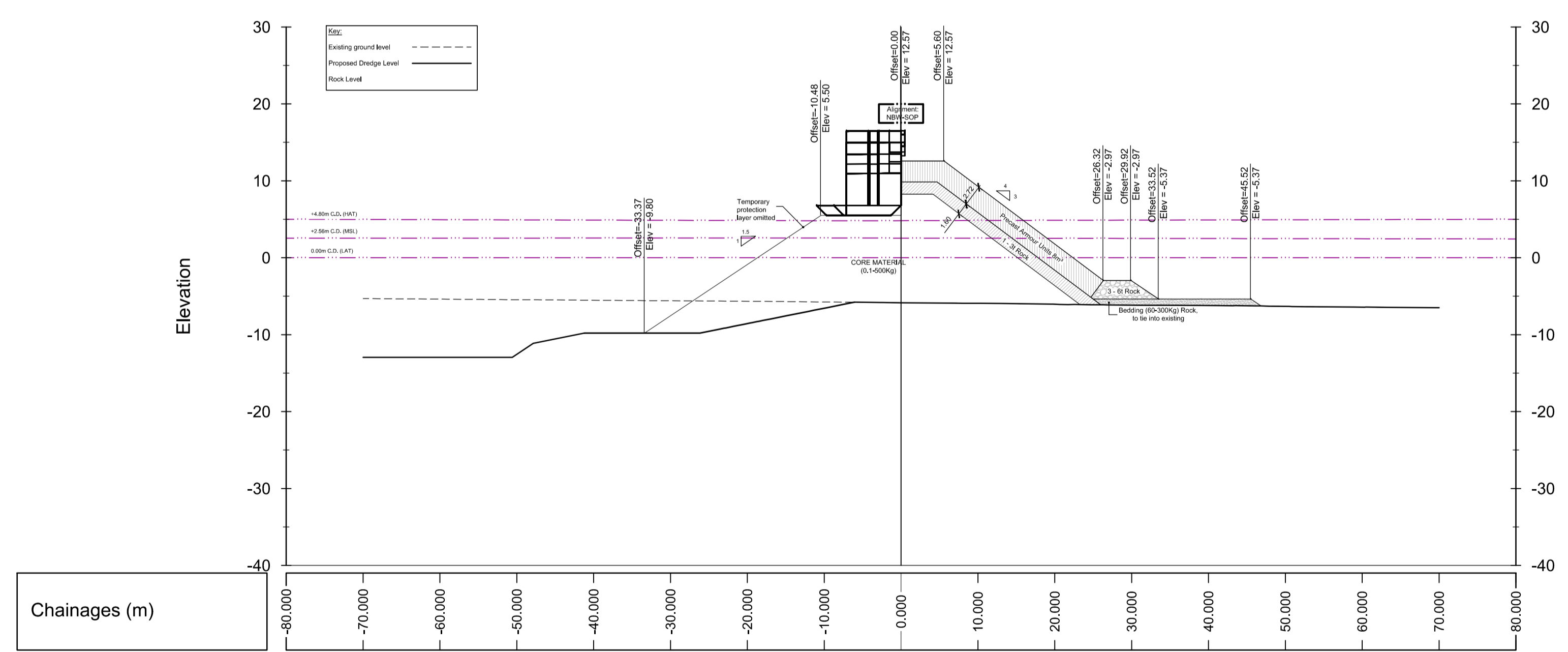


HEALTH AND SAFETY INFORMATION
 SIGNIFICANT OR EXCEPTIONAL RISKS ARE IDENTIFIED BELOW

- Allowable surcharge of 20Kpa for temporary construction has been used. This should be reviewed once construction risks are known.
- Temporary works designer must liaise with permanent works designer regarding the design interface.
- Risk of adverse weather during construction.
- Crest of the North Breakwater crown wall can experience high wave overtopping rates which may be hazardous to pedestrians/maintenance staff.



Chainage 190.00m



Chainage 200.00m

Issue	Date	By	Chkd	Appd
C8	16/10/18	PC	LG	NL
Issued For Construction				
C7	09/05/18	PC	LG	NL
Updated to suit contractors temporary works requirements				
C6	04/08/17	PC	LG	NL
Issued For Construction				
C5	07/06/17	PC	LG	NL
Issued For Construction				
C4	01/06/17	MJM	LG	NL
Issued For Construction				
C3	10/05/17	PC	LG	NL
Issued For Construction				
C2	08/05/17	PC	LG	NL
Issued For Construction				
C1	05/05/17	PC	LG	NL
Issued For Construction				

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Client
Aberdeen Harbour Expansion Project

Drawing Title
Northern Breakwater Cross Sections

Arup Job No **253300-00** Scale at A1 1:500
 Discipline **25 - STRUCTURES**
 Drawing Status **Issued For Construction** Rev **C8**
 Drawing No **DRA-P-NBW-NB0002-DWG-250001-013**