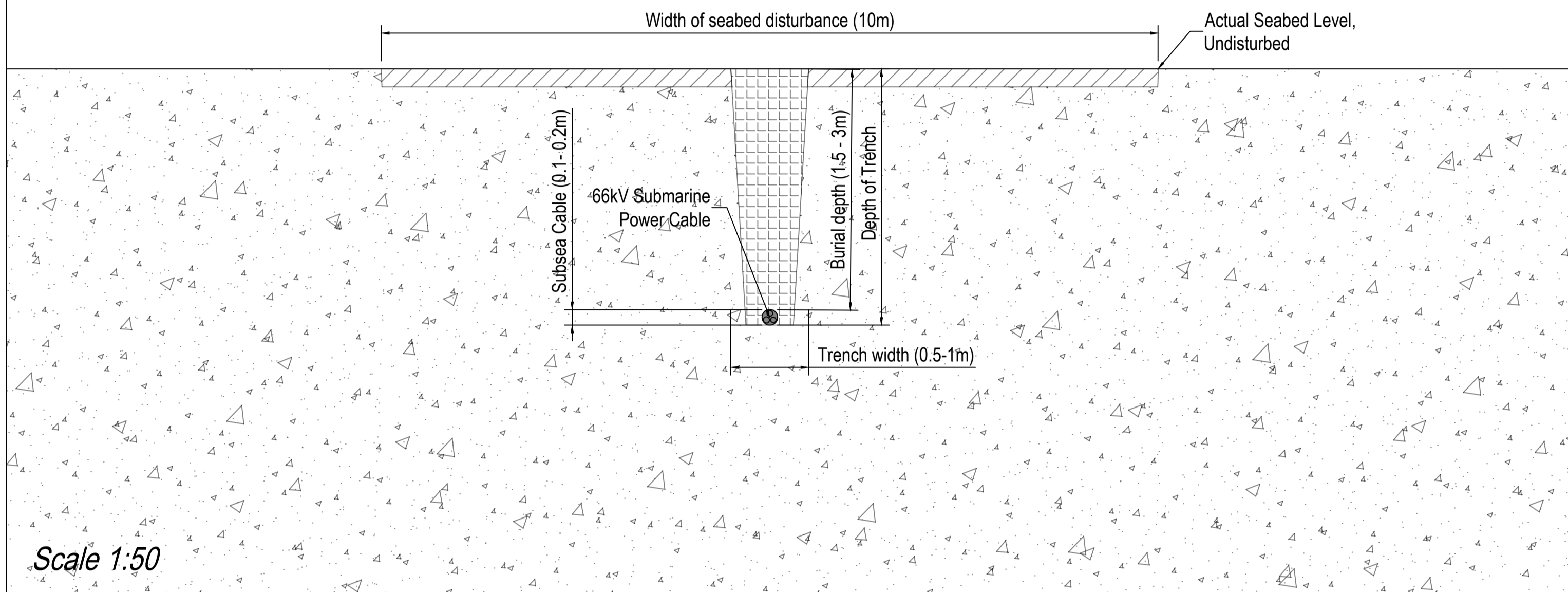
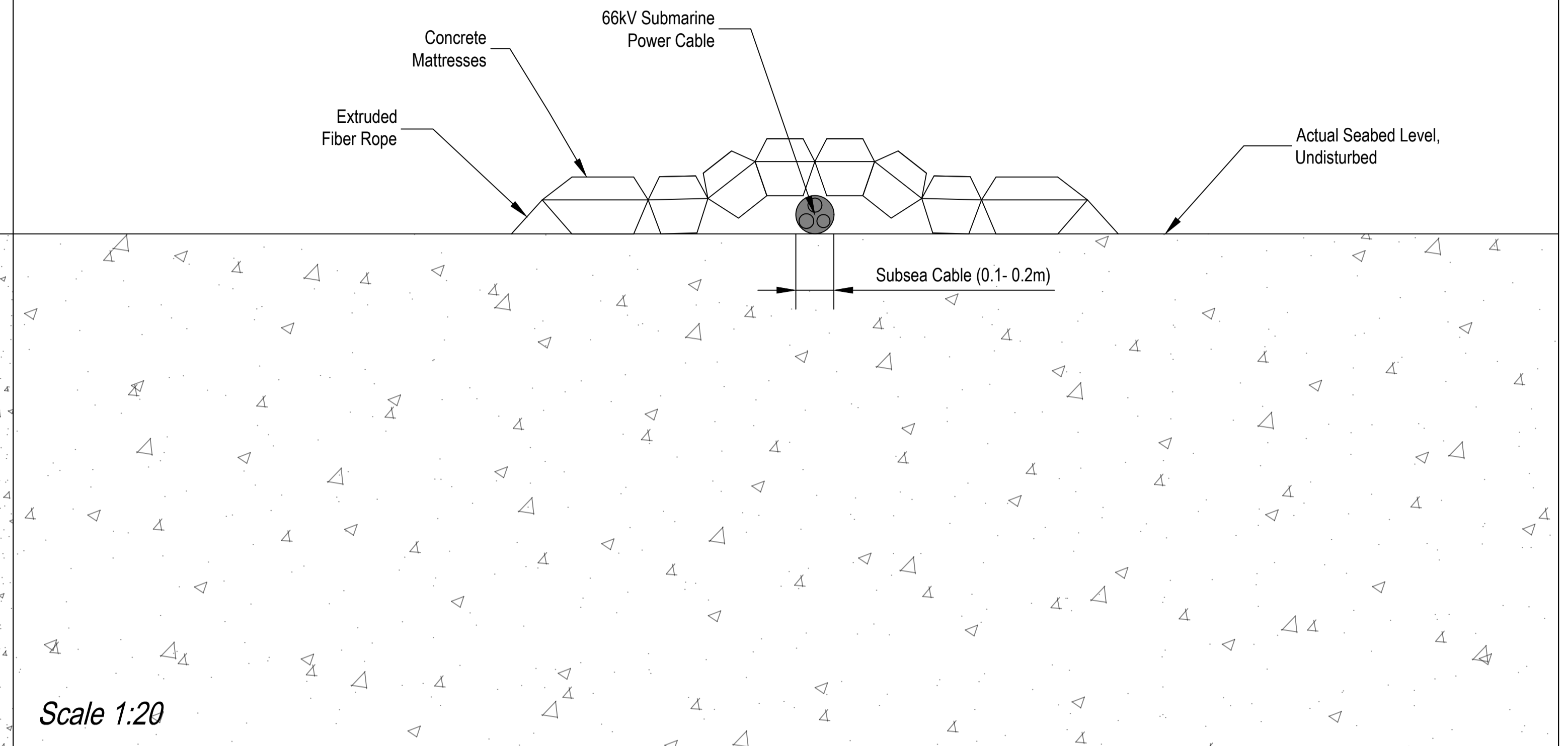


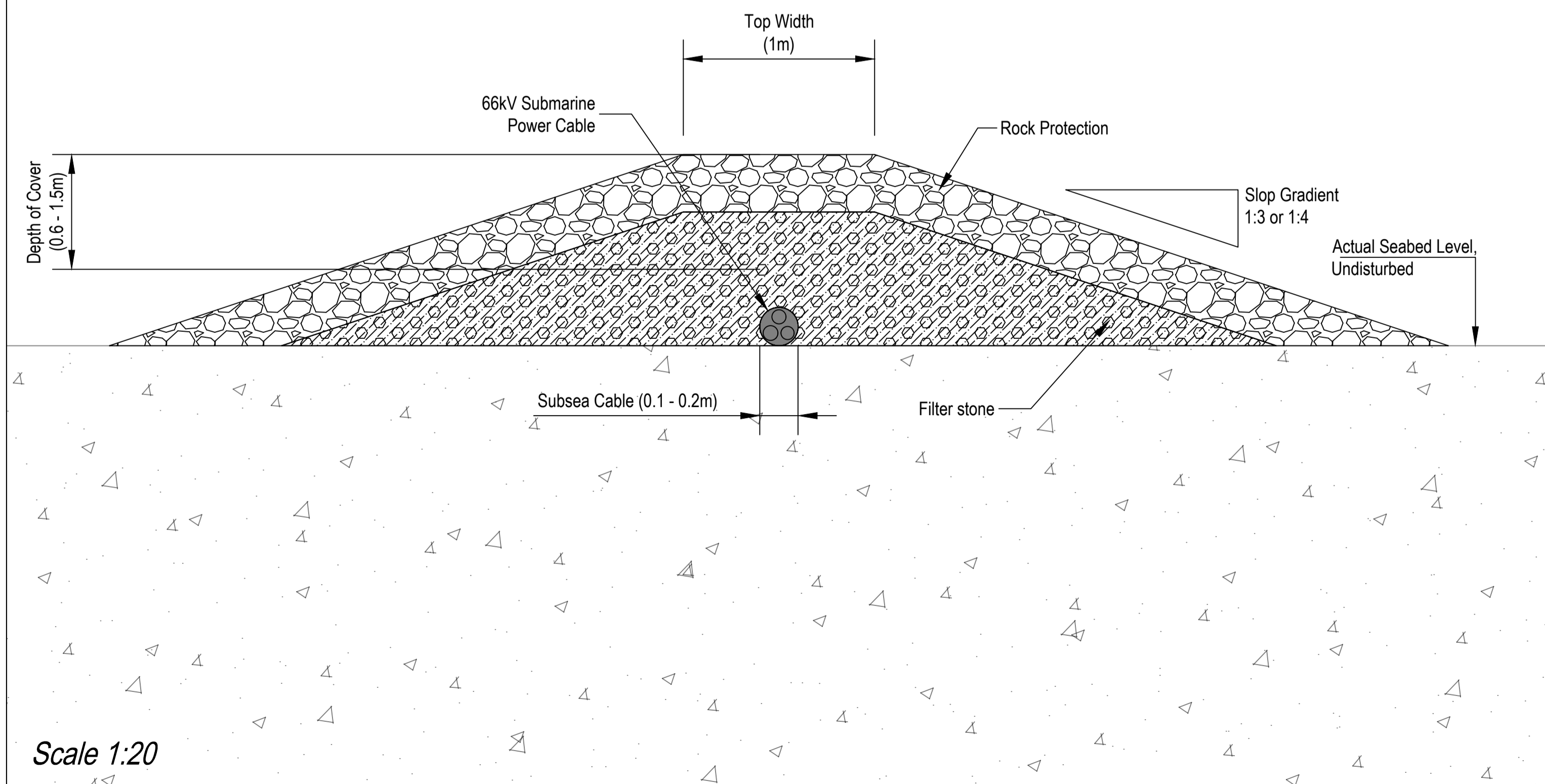
# Inter-Array Cable Installation



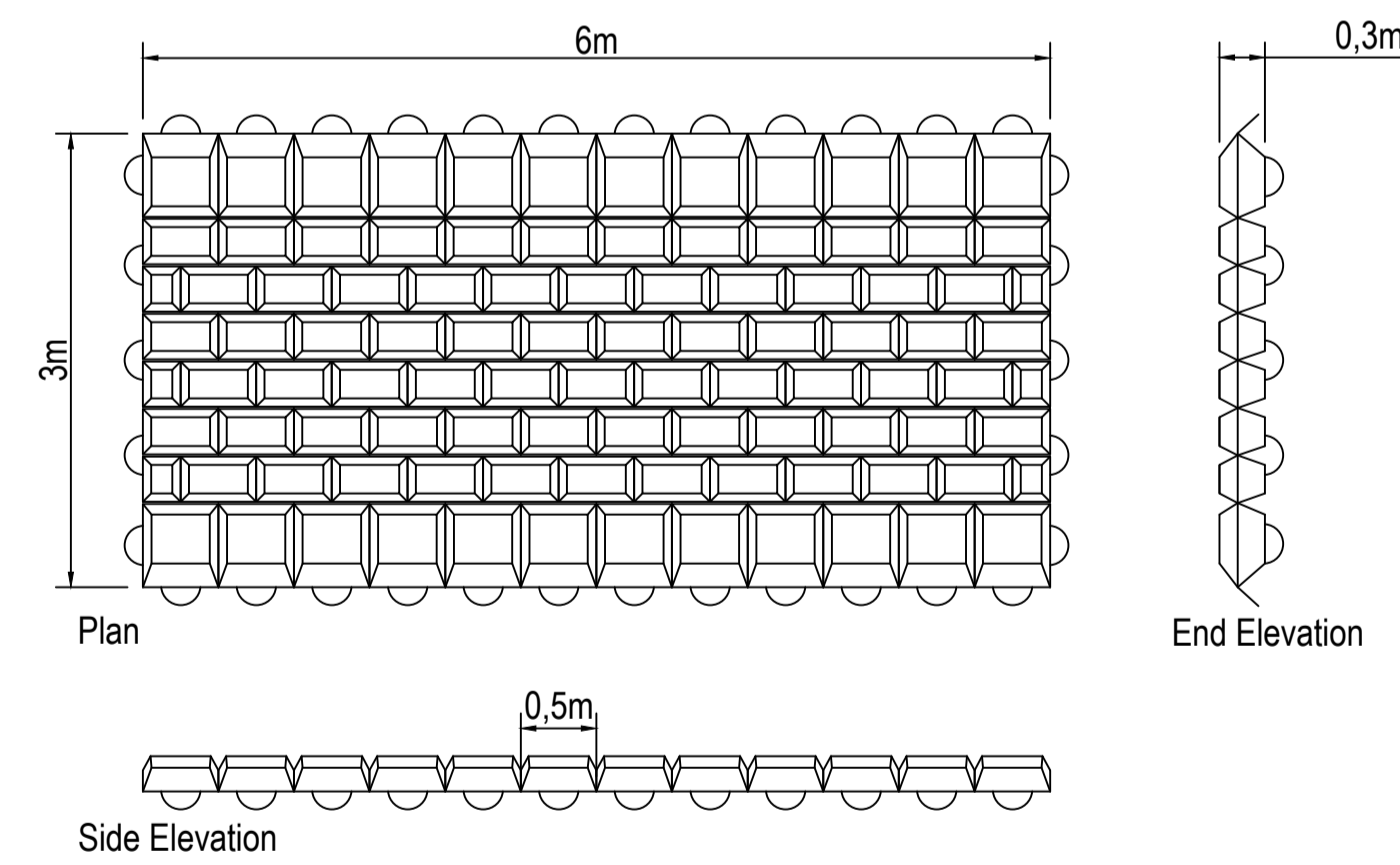
# Concrete Mattresses



# Rock Protection



# Concrete Mattress Design



### NOTES

1. THE INTER ARRAY CABLE CROSS SECTION VARIES DEPENDING ON THE AMOUNT OF WIND TURBINES CONNECTED, WHICH DIFFERS BASED ON THE POSITION OF THE CABLE SEGMENT ALONG THE STRING.
2. TARGET BURIAL DEPTH IS BETWEEN 1.5 TO 3M BELOW THE SEABED, MEASURED FROM THE SEABED TO THE TOP OF THE SUBMARINE CABLE. WHERE TARGET BURIAL DEPTH IS NOT ACHIEVED, OR WHERE CABLE WILL BE LAID ON THE SEABED, SECONDARY PROTECTION SYSTEMS MAY BE PLACED.
3. SECONDARY CABLE PROTECTION SYSTEMS MAY INCLUDE CONCRETE MATTRESSES, ROCK BAGS OR ROCK PROTECTION.
4. DIMENSIONS ARE SUBJECT TO FURTHER DETAILED ENGINEERING FOLLOWING GEOTECHNICAL SURVEY AND DETAILED ELECTRICAL DESIGN.

3.0	100	07/03/2024	IKE	SHE	SHE	Final
VER.	STATUS	VER. DATE	ISS.	REV.	APP.	DESCRIPTION
PROJECT: Oriel Wind Farm						
SUBJECT: Inter-array Cable Burial and Protection						
Doc. name: ORI-04-0007-Inter-Array_Cable_Burial-A1_3.0-100						
Oriel Windfarm Ltd., Digital Office Centre, Balheary Road, Swords, Co. Dublin - Ireland tel: +353 (0)1 963 0313 www.orielwindfarm.ie		ISSUED BY: IKE	REVIEWER: SHE	APPROVAL: SHE	FORMAT: A1	SCALE: AS SHOWN
			INITIAL DATE: 12/10/2020	PROJECTION:		