

NOTES

General
 1. All dimensions are in mm unless otherwise stated
 2. Please refer to A9287_2D for topographic survey
 3. Refer to Contract Specification for further information and site access.

4. All products are to be prepared and installed as per manufacturers instructions. Alternative materials may be presented to the project manager for approval.
 5. All works are subject to marine license and Nature Scot Consents
 6. All temporary works shall be the responsibility of the contractor and are not specified within these drawings.

Specification

Rock Armour

7. Primary rock armour to be 500mm-700mm minimum of 2 layers tightly packed.
 8. Secondary rock armour to be 300mm-500mm, compacted to a depth of 500mm
 9. Rock armour toe to be 1000mm approximately, buried 150mm below GL. Rock armour toe to extend above existing GL to support rock armour layers. 2 layer minimum of 1000mm stone, interlocking.
 10. TERRAM robust geotextile, or similar approved. Suitable weight for rock tonnage.

Excavation

11. Any organic material excavated on site must be stockpiled and kept secure for reuse where possible. If excess organic material remains upon completion - excess is to be spread over the rock armour to aid in reseedling of natural flora.

Flex MSE

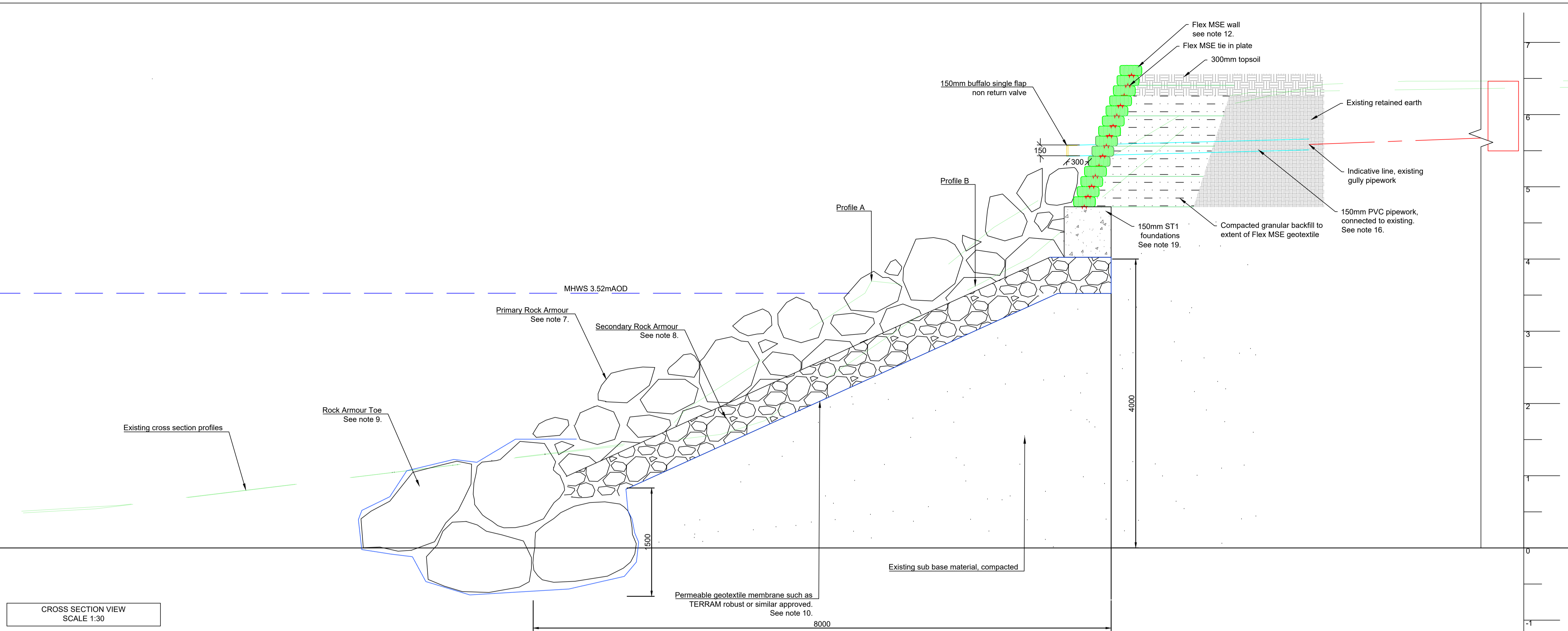
12. Flex MSE is to be installed atop concrete foundations, see note 19. Single skin wall of standard size bags. Slope inclination of 70°.
 13. FLEX MSE geogrid layers to be installed every 3 courses to a length of 1600mm or 80% of the total wall height, whichever is greater.
 14. Flex MSE wall to be installed as per manufacturer's instructions.
 15. Provision to be made for pipework extruding the Flex MSE wall approximately 5 courses high. Bagwork to be placed around 150mm pipework.

Drainage Details

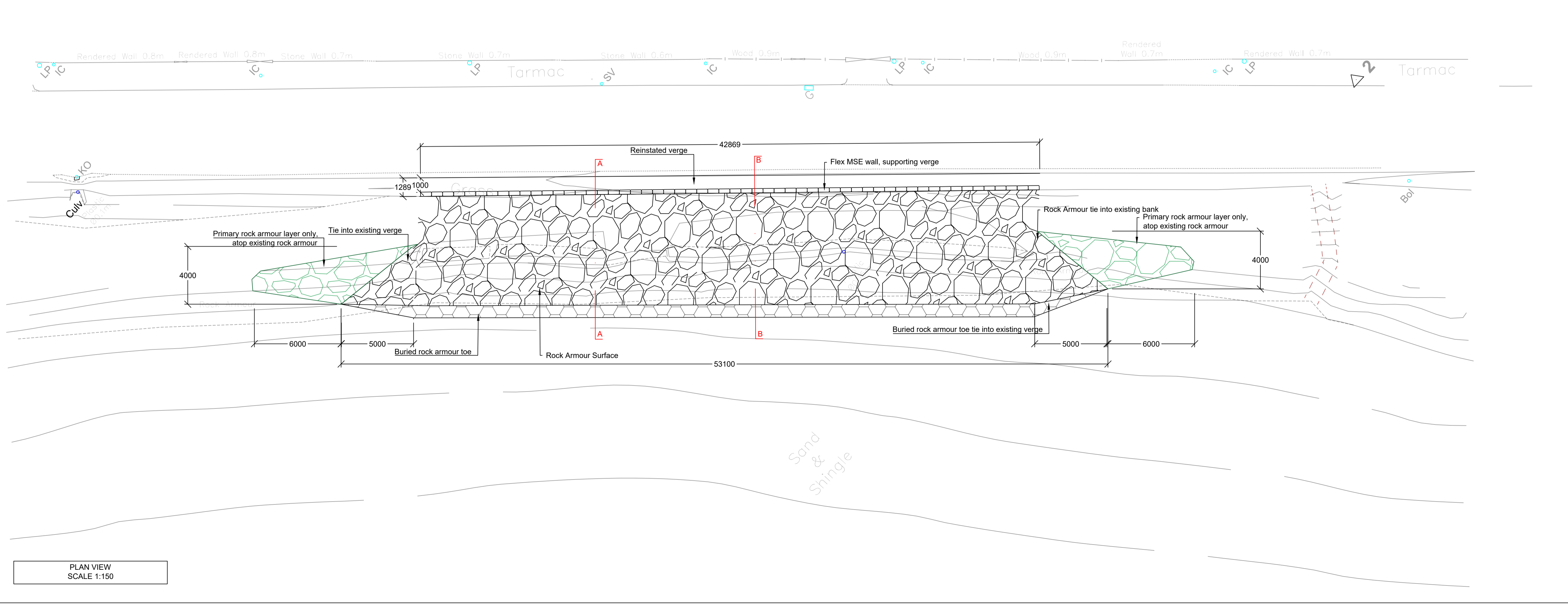
16. 150mm PVC pipe to be installed, connected to existing gully outfall via suitable connector.
 17. Pipework to extend past Flex MSE wall by 300mm, onto primary rock armour.
 18. 150mm buffalo single flap, non-return valve to be installed on pipe end.

Concrete

19. Concrete to be suitable for marine conditions and must meet BS EN 206:2013
 • Exposure class - XS3
 • Strength class - C35/45



CROSS SECTION VIEW
SCALE 1:30



PLAN VIEW
SCALE 1:150

0	SB		
Rev.	Amendment Details	By	Ch'd App Date

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FINDHORN COASTAL
EROSION REPAIR

PROPOSED EROSION
PROTECTION WORKS

Drawn: SB	Checked: WLR	Approved: WLR
Scale: AS SHOWN @ A1	Date: 16/09/24	
Drawing Number: 180920_MC11_01	Revision: A	