



Asset Armour™

Armouring constructed assets and the environments in which they are located





Ian Corne, CPESC, M.Land.Arch., B.E.S.





28 Year Civil Earthworks



28 Year Civil Earthworks
21 Years Geosynthetics



28 Year Civil Earthworks

21 Years Geosynthetics

16 Years Erosion and Conveyance

A long, narrow canal with concrete canvas lining and rock armorings. The canal is filled with water and runs through a field. The concrete canvas is a light grey color and covers the entire length of the canal. In the foreground, there are two large, blue, corrugated metal structures that look like inverted bowls or funnels, placed on either side of the canal. The background shows a flat field under a blue sky with scattered white clouds.

Concrete Canvas and Other Great Armouring Products

A long, narrow canal with concrete canvas lining and rock armor, featuring two large corrugated metal culverts in the foreground. The canal is filled with water and runs through a field of brown earth under a blue sky with scattered white clouds. The concrete canvas lining is visible on the slopes of the canal, and the rock armor is used to protect the structure from erosion. The two large corrugated metal culverts are positioned in the foreground, partially submerged in the water. The text "Concrete Canvas and Other Great Armouring Products" is overlaid on the image.

Concrete Canvas and Other Great Armouring Products

























A long, narrow canal with concrete canvas lining and rock armor, featuring two large corrugated metal culverts in the foreground. The canal is filled with water and runs through a field of brown soil under a blue sky with scattered white clouds. The concrete canvas lining is visible on the slopes of the canal, and the rock armor is used to protect the structure from erosion. The two large corrugated metal culverts are positioned in the foreground, partially submerged in the water. The text "Concrete Canvas and Other Great Armouring Products" is overlaid on the image.

Concrete Canvas and Other Great Armouring Products



Nuisance Flow as Failure Mechanism of Conveyance Structures
and the Contribution of Geosynthetic Design Practice

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Paper prepared for presentation at the
Fundamentals, Risk & Reliability Session

Of the 2016 conference of the
Canadian Geotechnical Society
Vancouver, British Columbia

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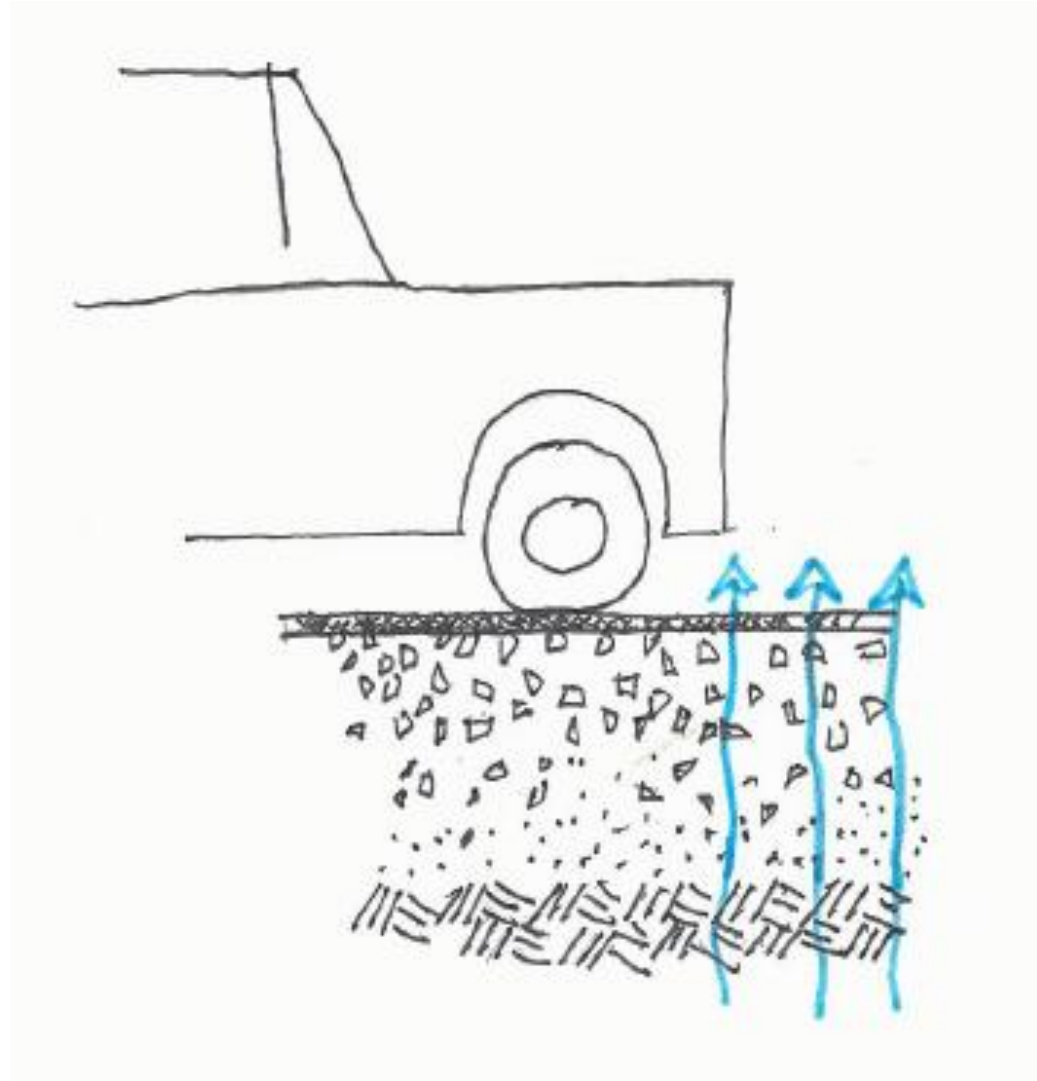
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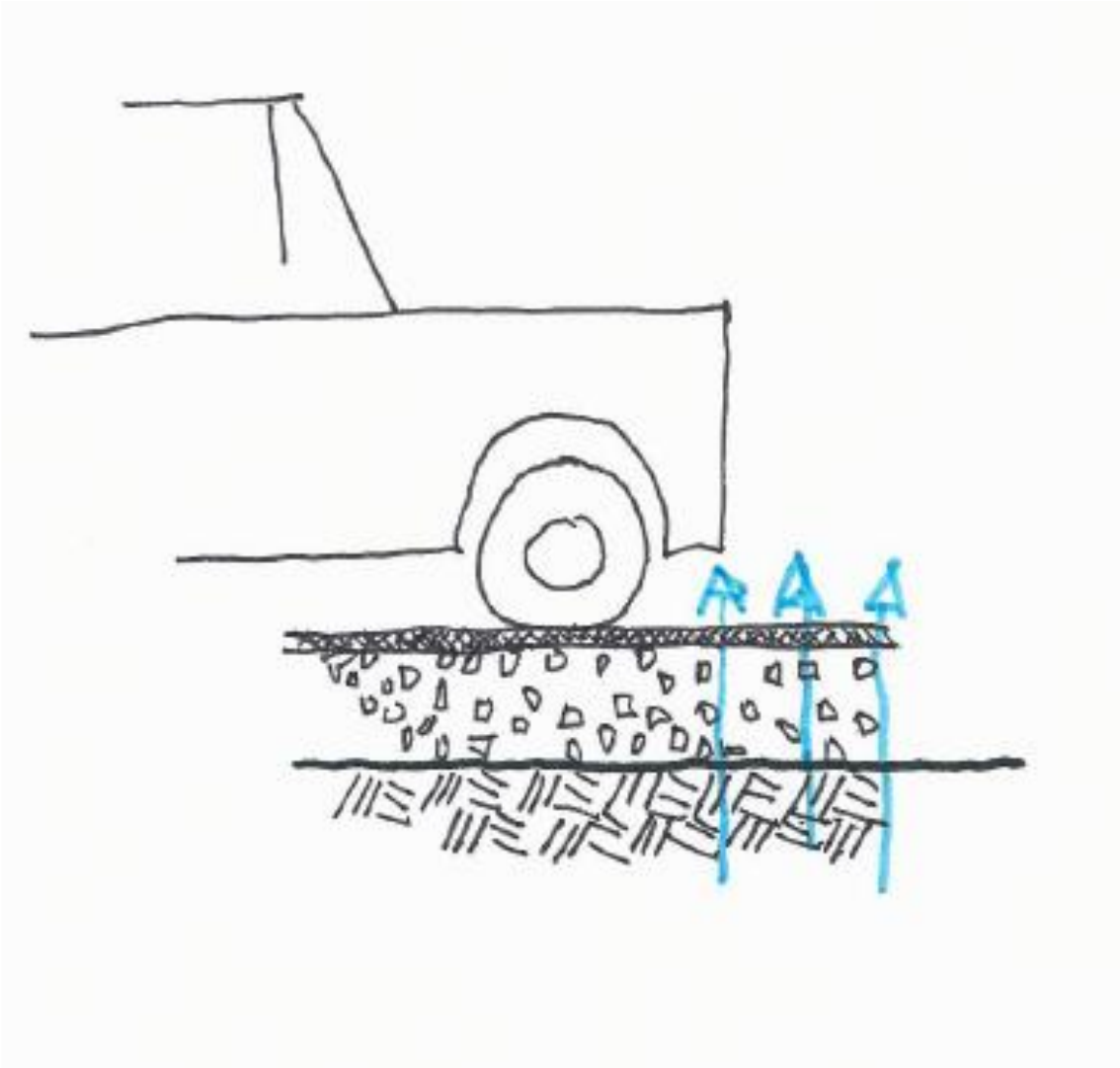
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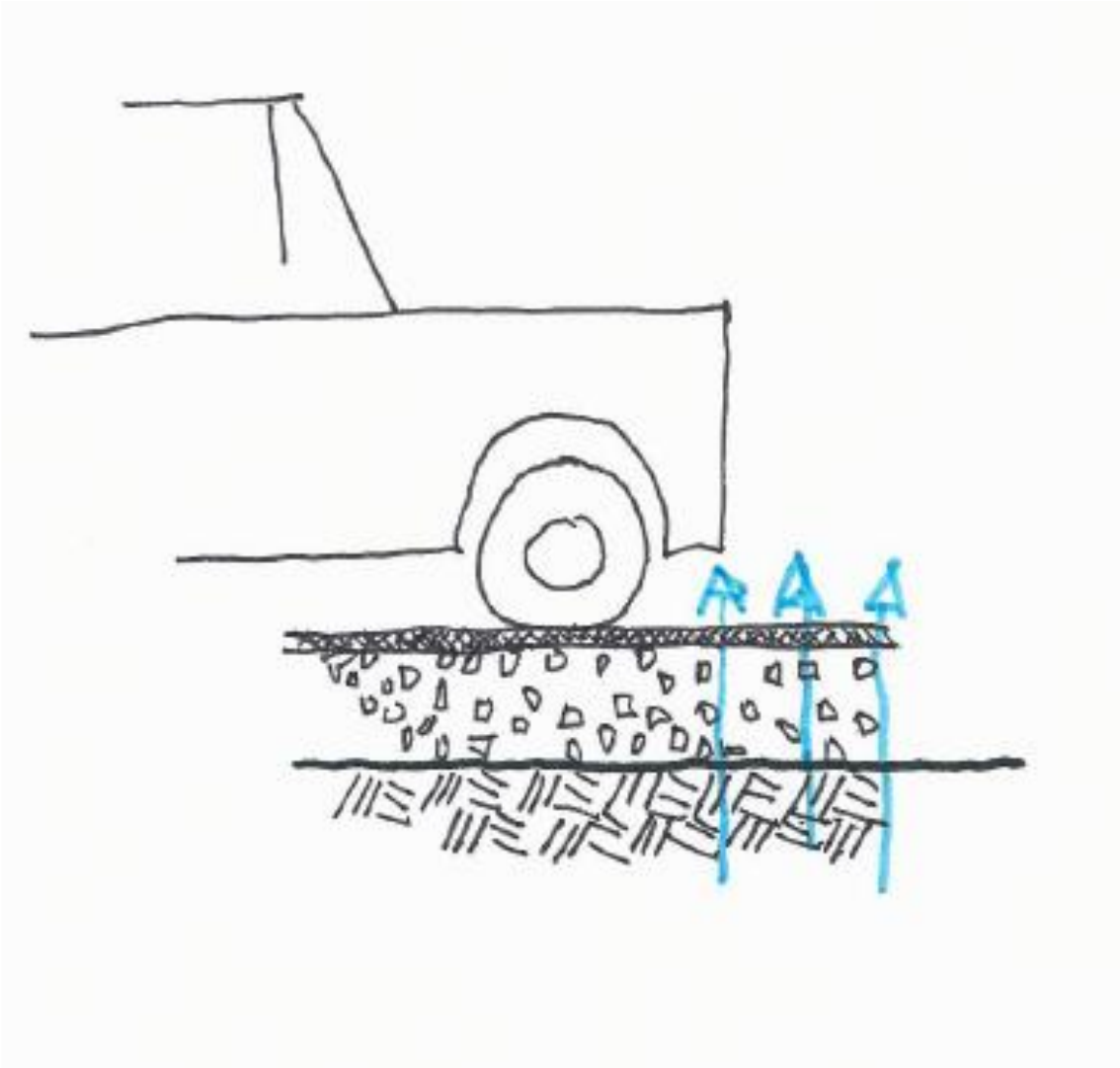
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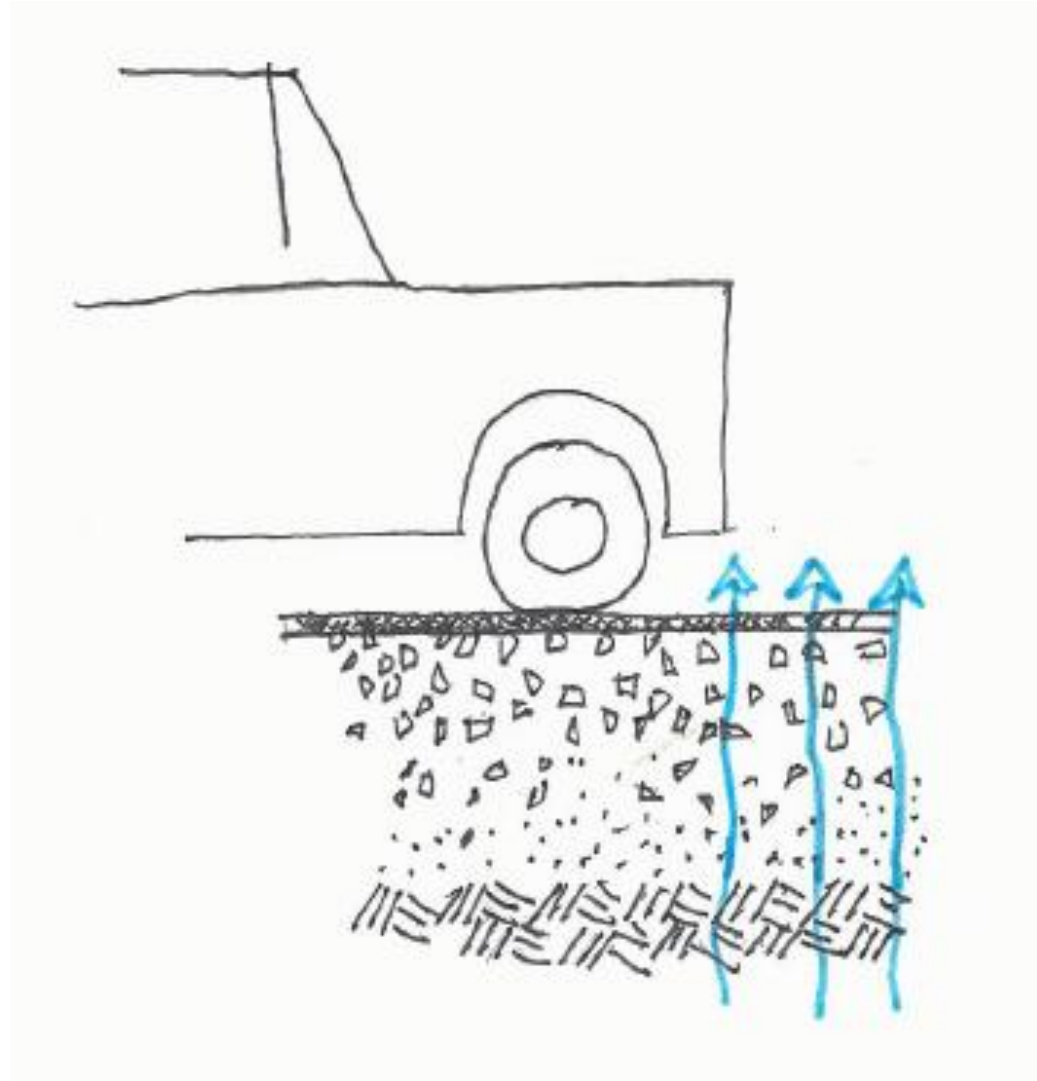
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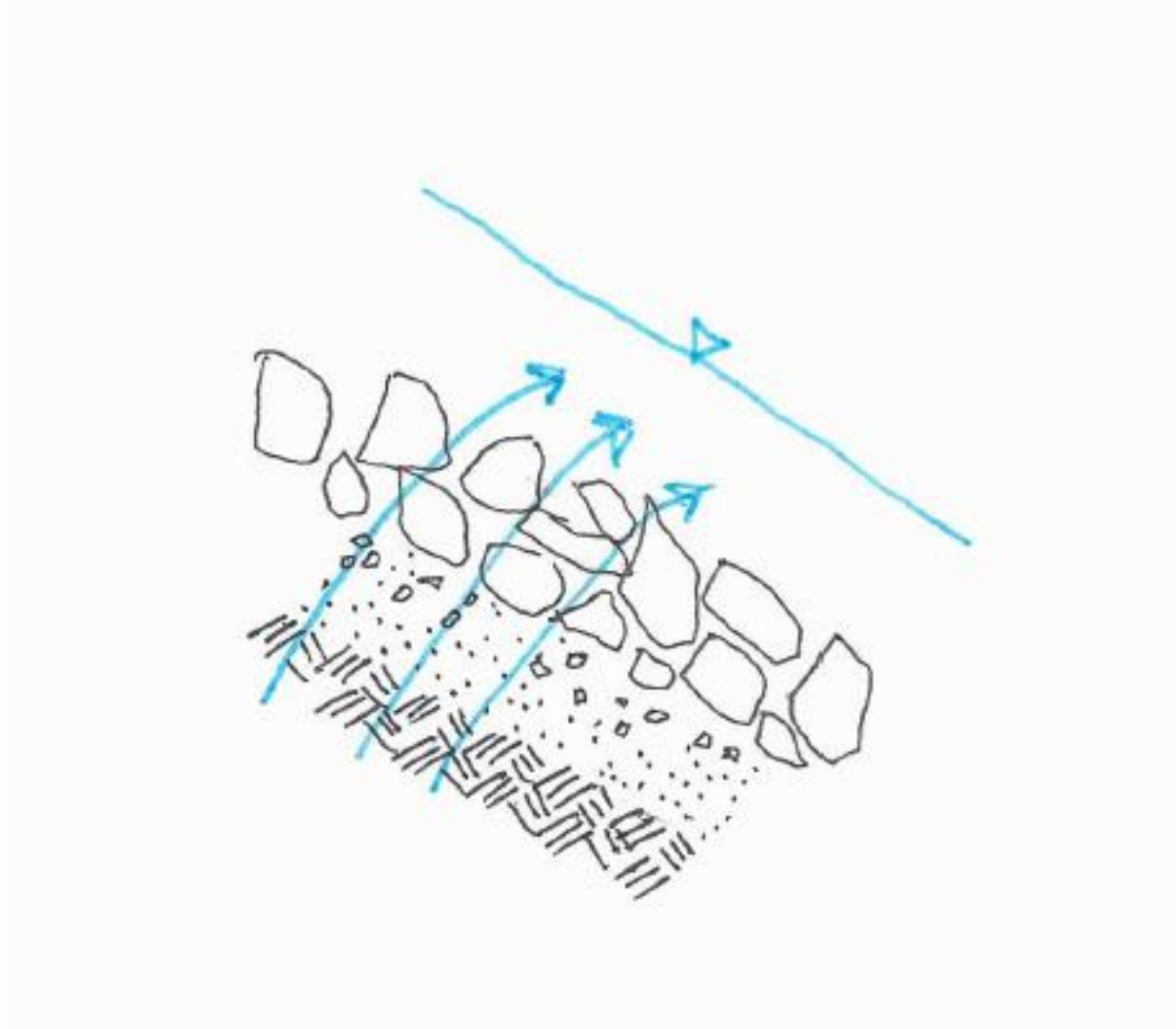
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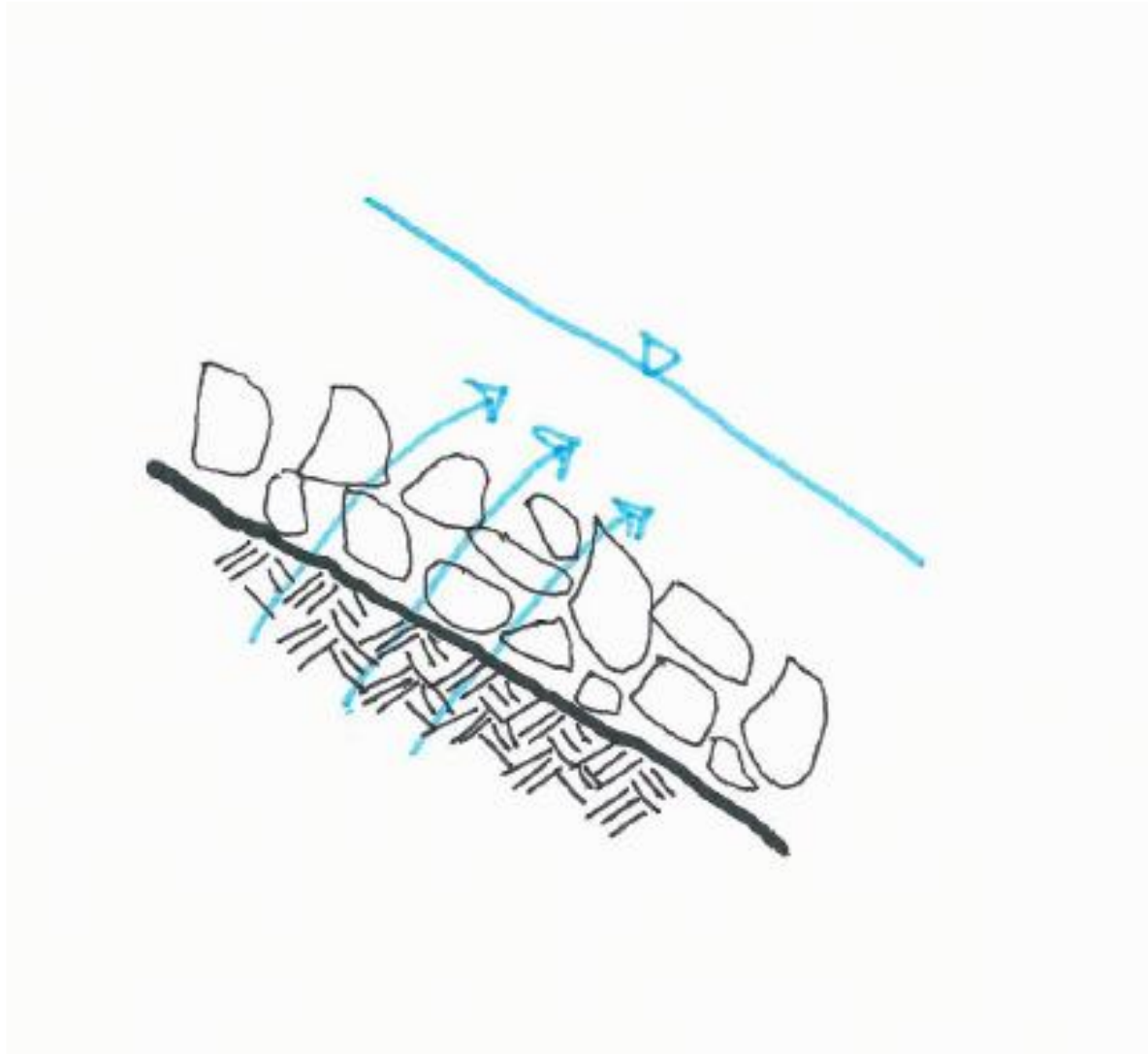


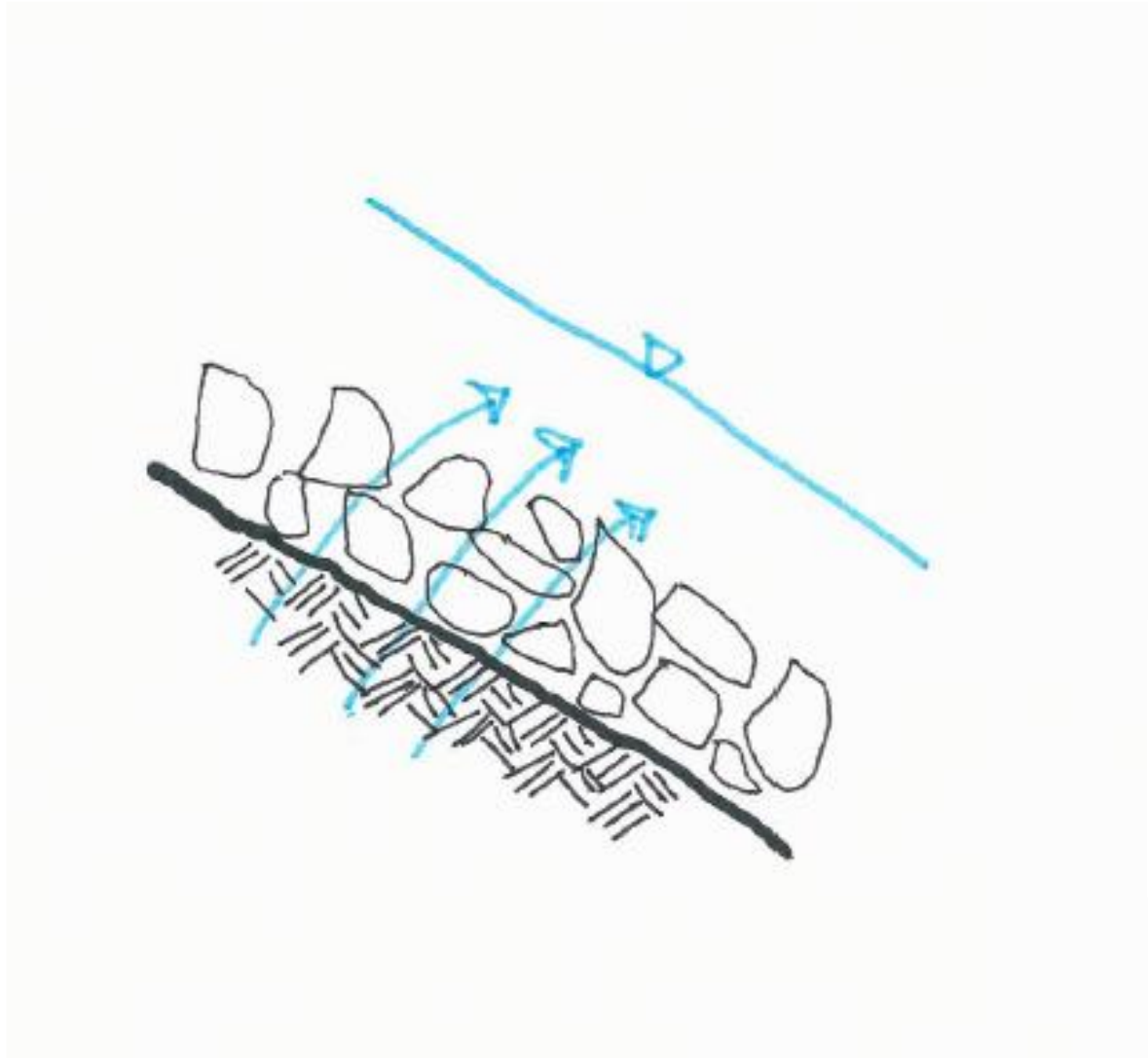


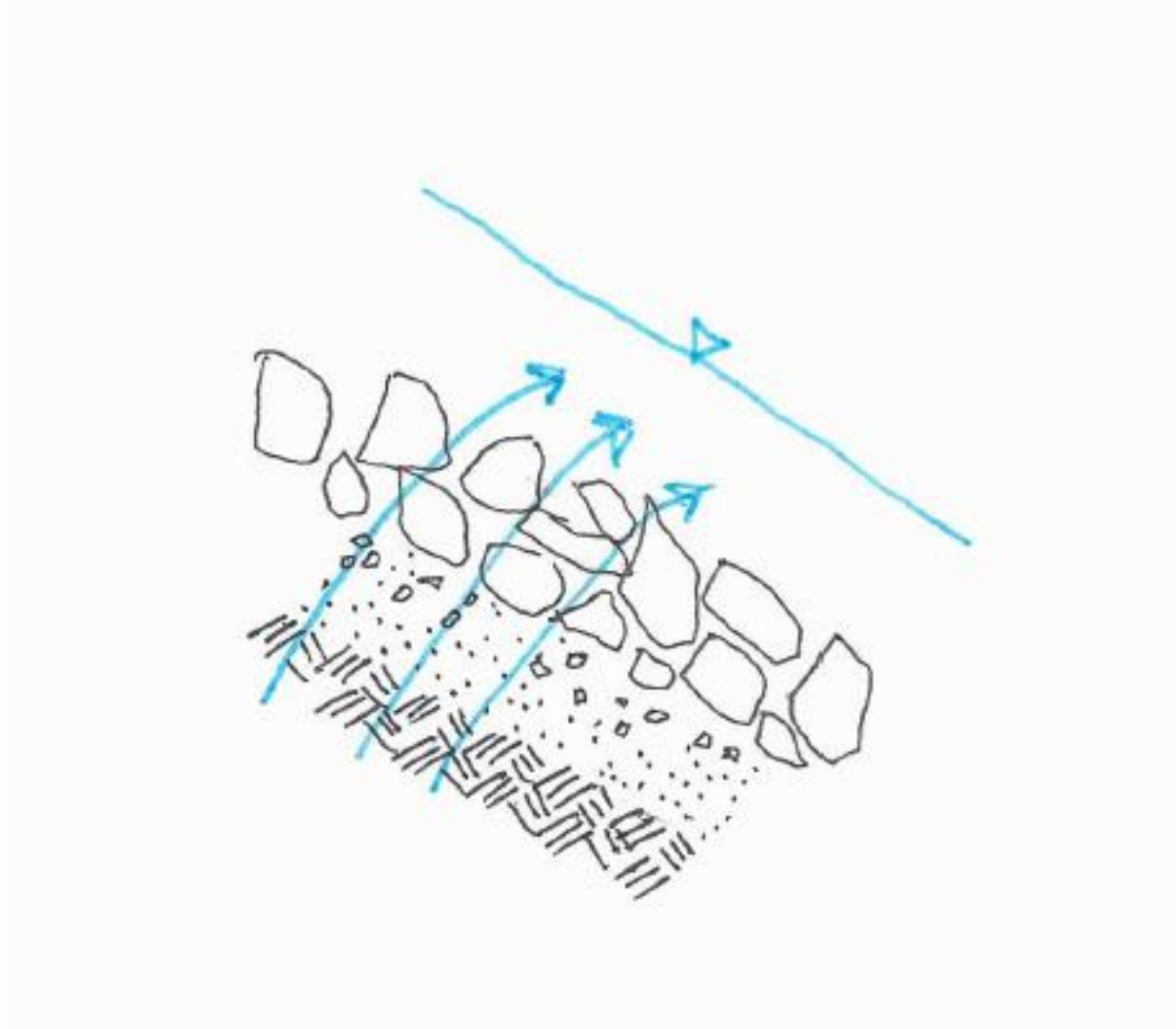


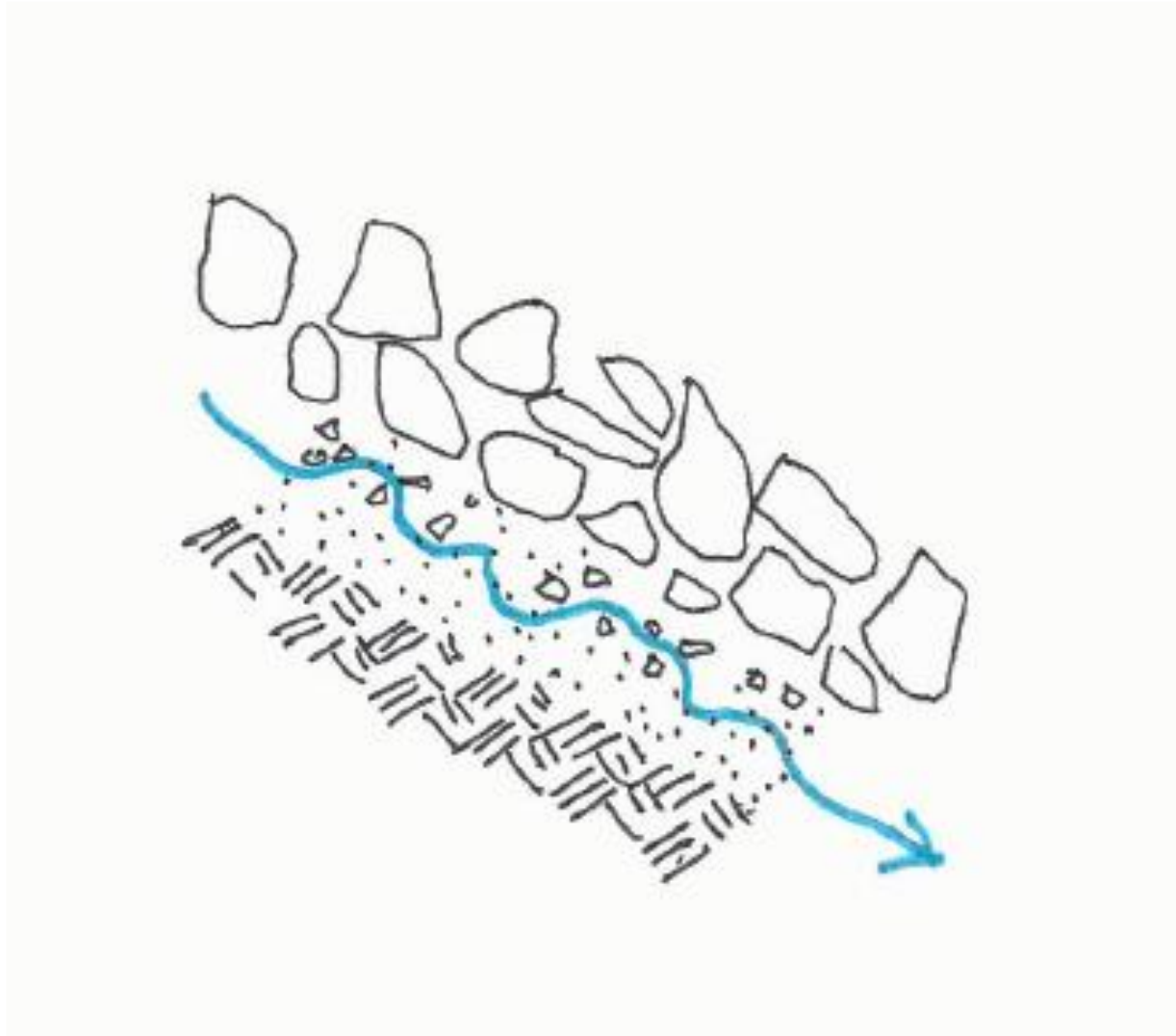


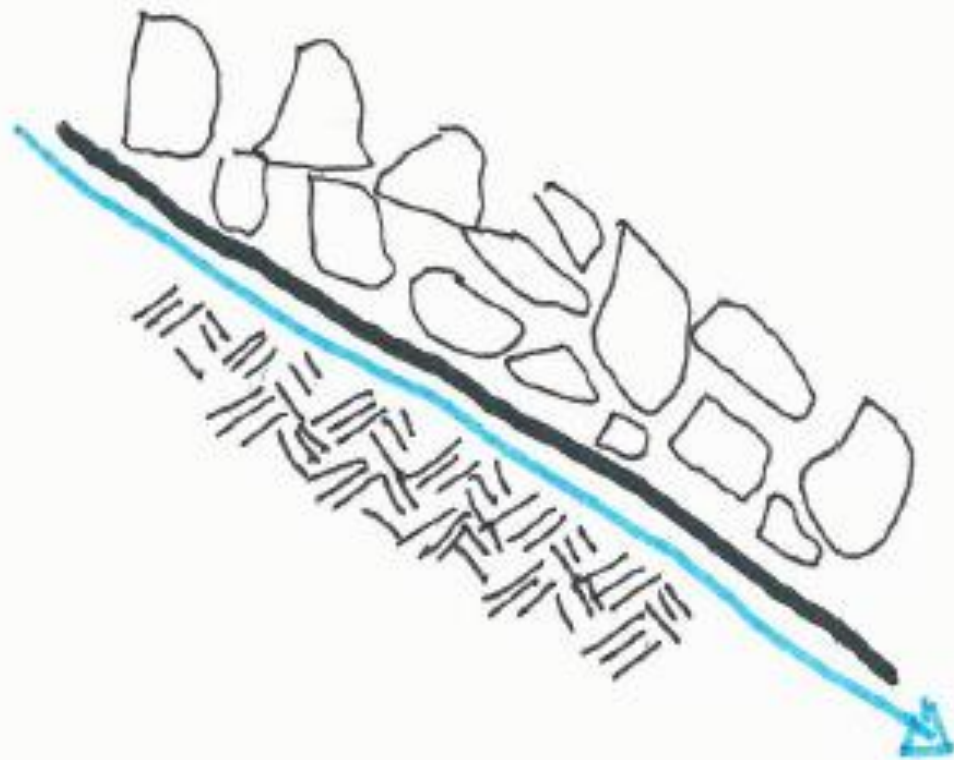


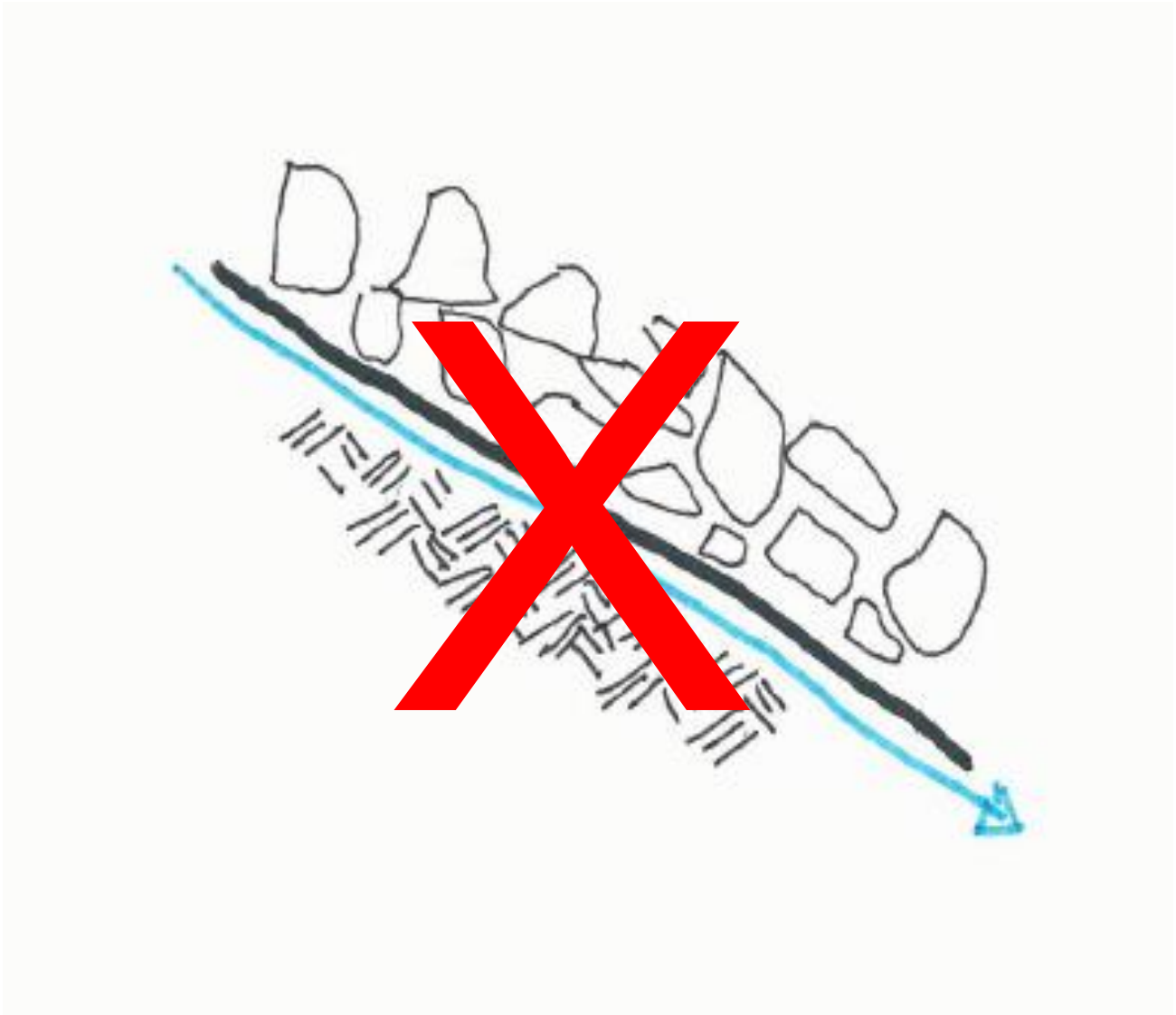


















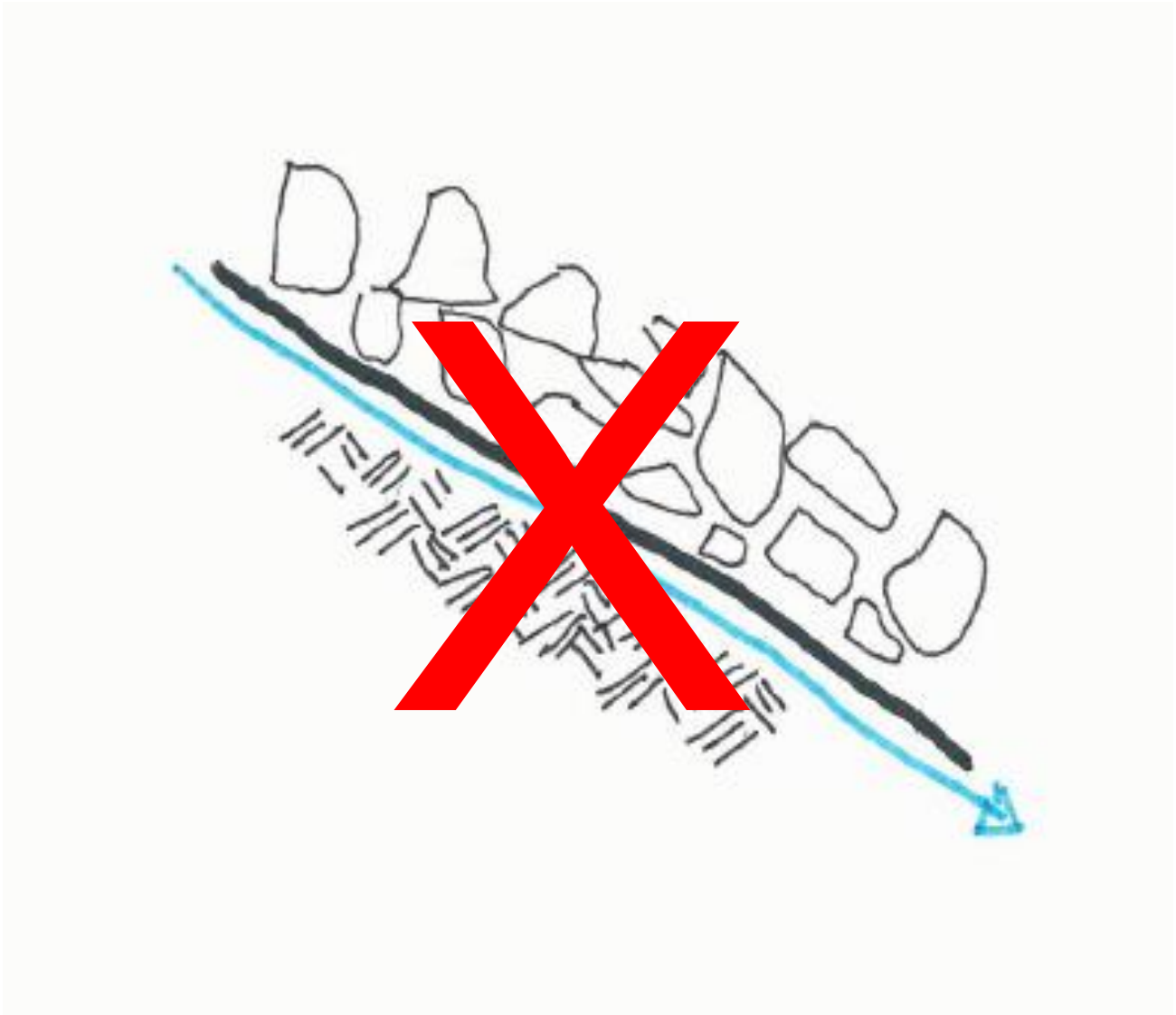


























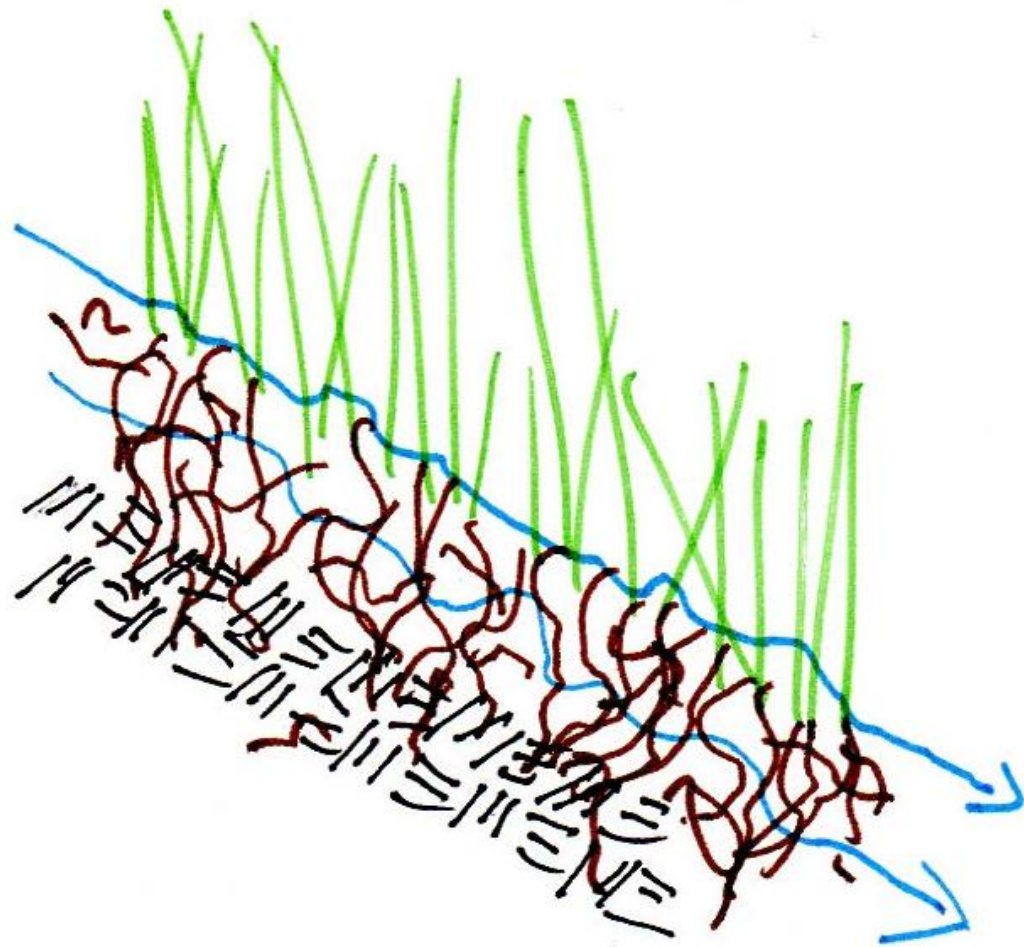


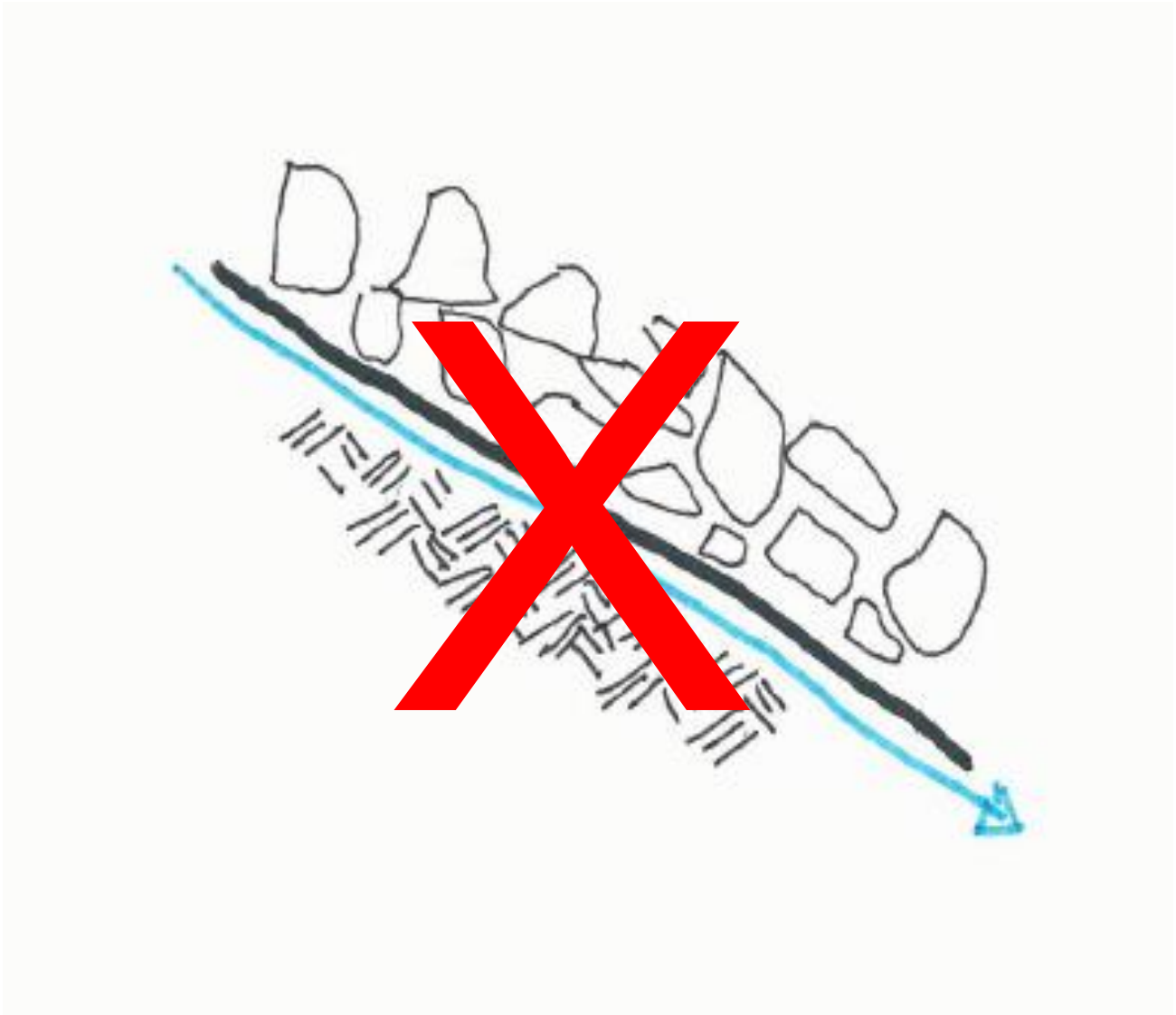


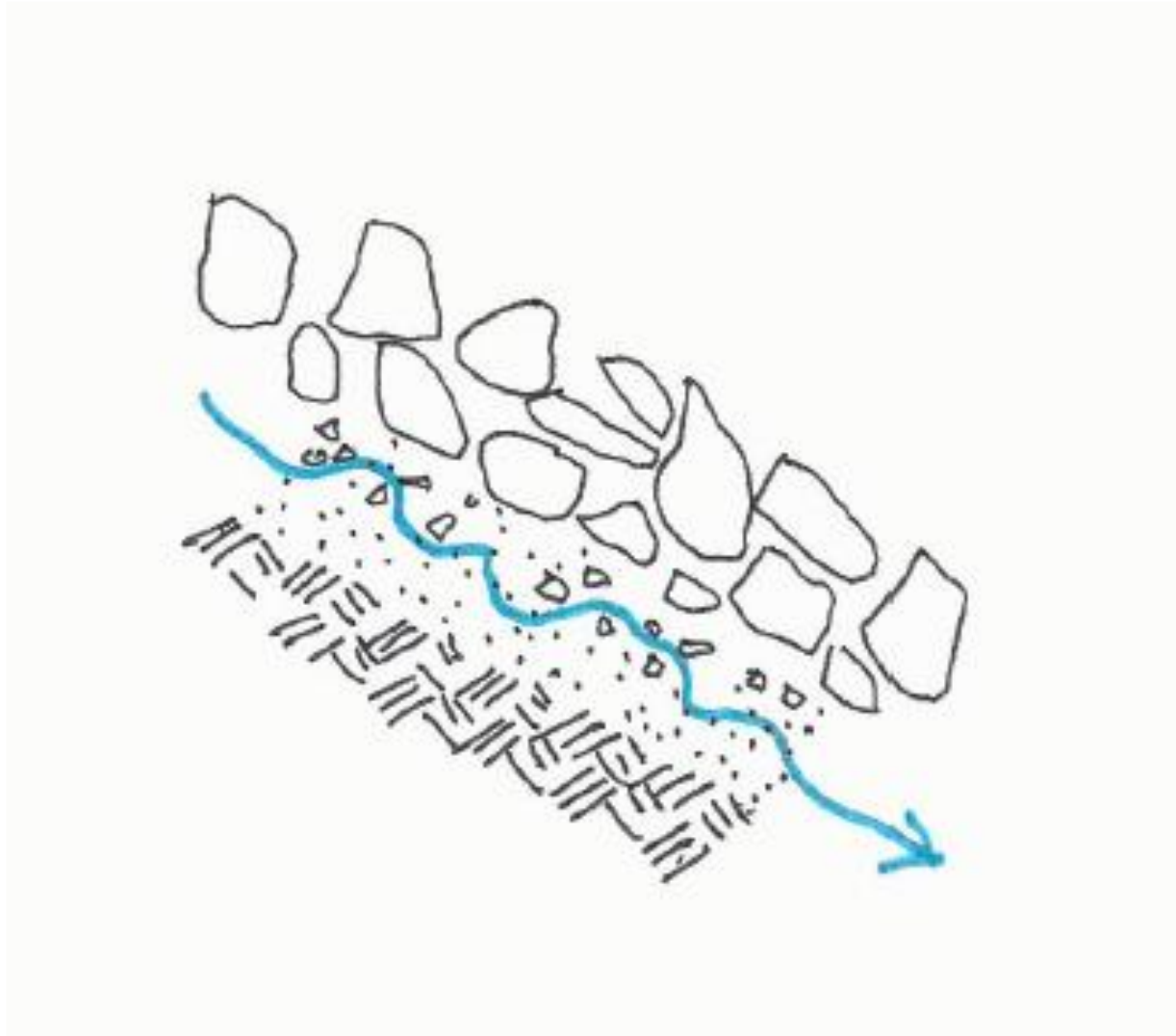


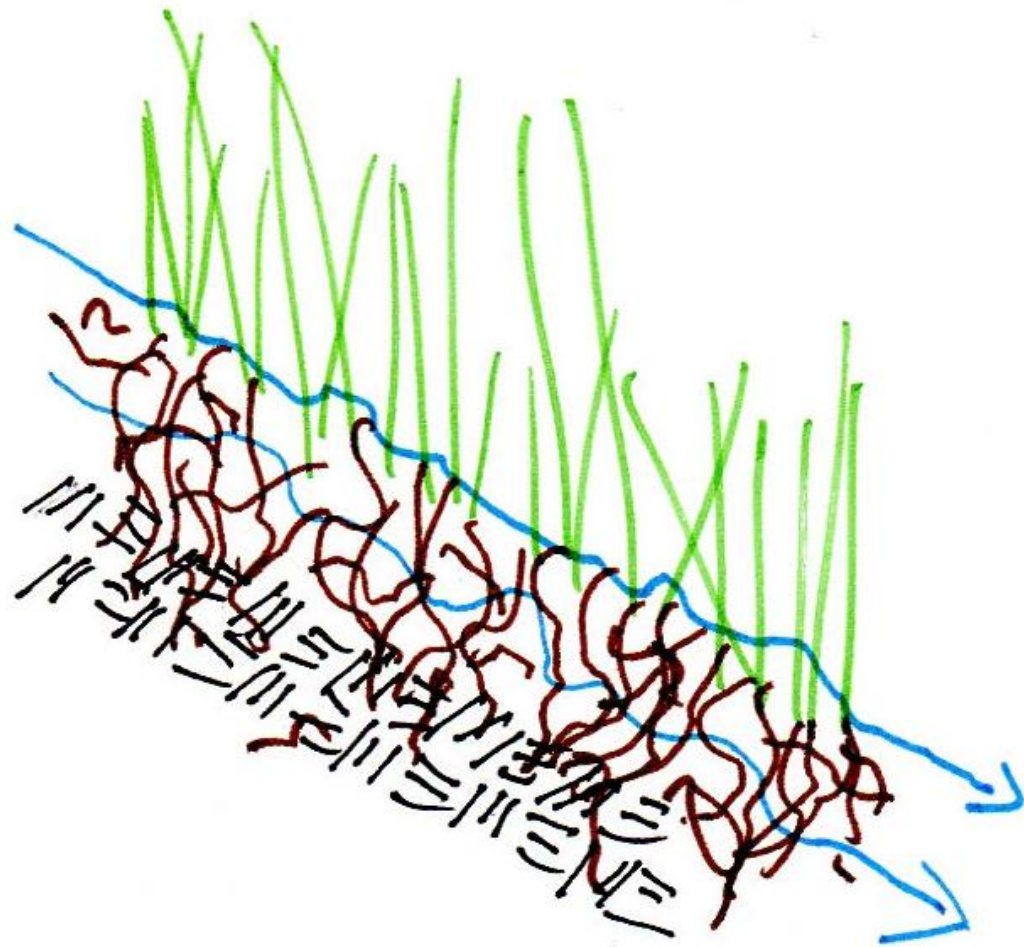


















Range Road 44



Range Road 44



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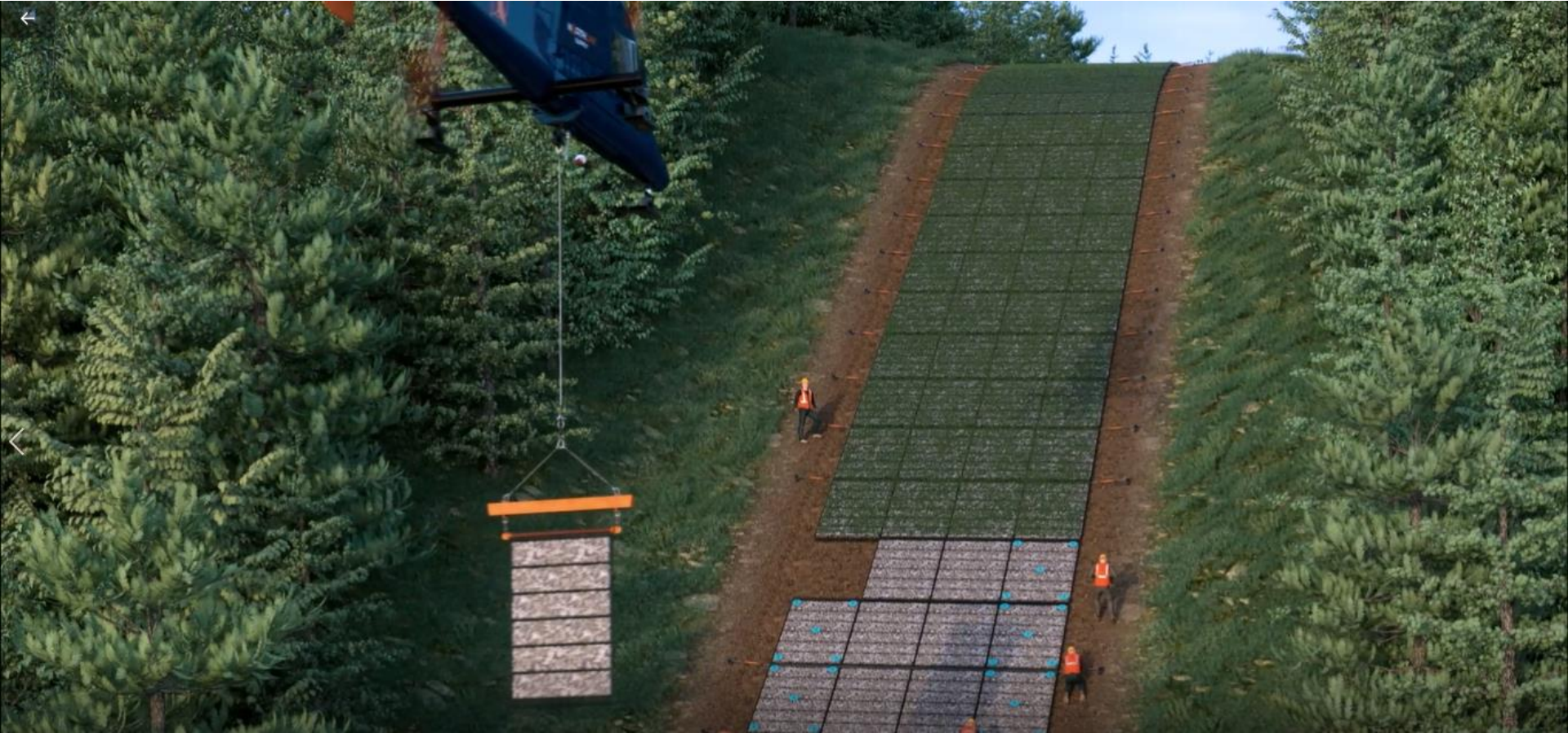


































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