

TenCate Geosynthetics - MSE Technical Solutions Mirafi® Wire Wall System - Temporary

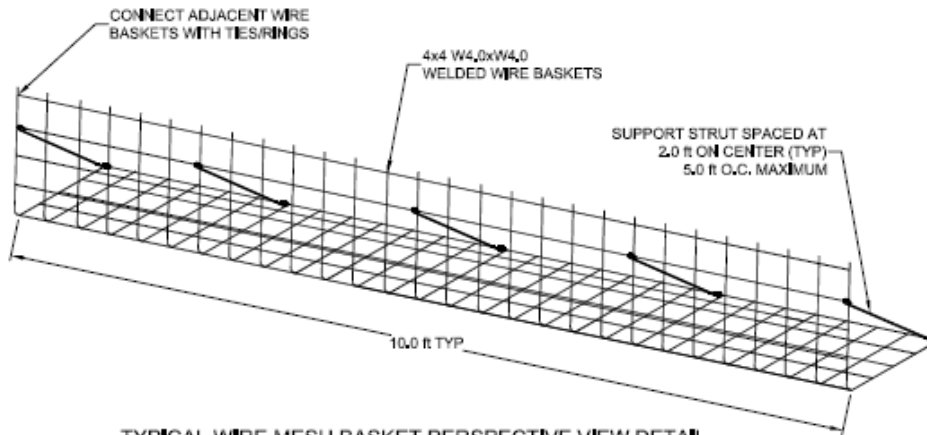


TenCate provides a temporary wire wall system consisting of steel wire facing with Mirafi® geotextiles in the wall face and Miragrid® geogrid soil reinforcement installed horizontally in the wall backfill. The Wire Wall System is a traditional MSE wall structure and designed in accordance with conventional MSE wall design methods. MSE wire walls are flexible and capable of undergoing high settlement.

The wire facing consists of L-shaped baskets typically 18 inches high and 18 inches deep. Galvanized steel wire is typically used for permanent structures and black steel for temporary walls. The geotextile is a UV stabilized woven or nonwoven filter fabric used to retain the backfill placed in the wall face. Typical geotextiles used are Mirafi® FW404, 500X or 140N based on the wall design. Miragrid® XT is a uniaxial strength geogrid ranging in Long Term Design Strengths from 1000 lb/ft to 15,000 lb/ft. The Miragrid® XT geogrid is installed in typical 18-inch high lifts. The MSE backfill may consist of local onsite fills or structural import backfill. Typical MSE wall backfill is silty or clayey sand or better. Crushed stone and coarse aggregate backfill may also be used.

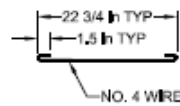
Details of the wire wall system are attached. Specifications and technical data sheets are located on our website. Please contact us if we can provide design assistance.

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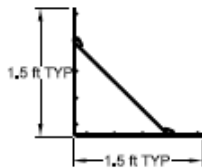
TYPICAL WIRE MESH BASKET PERSPECTIVE VIEW DETAIL

N.T.S.



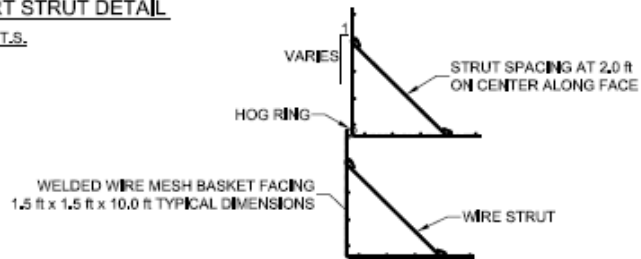
TYPICAL SUPPORT STRUT DETAIL

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TYPICAL END VIEW DETAIL

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TYPICAL WIRE MESH BASKET FACE DETAIL

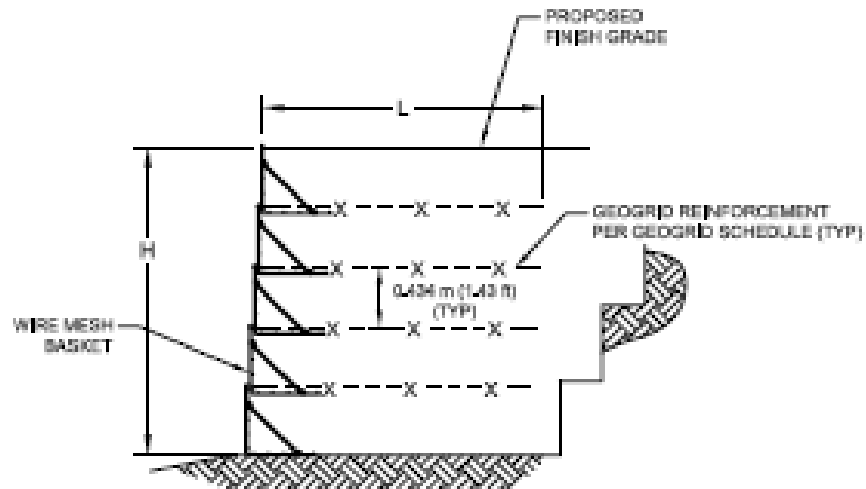
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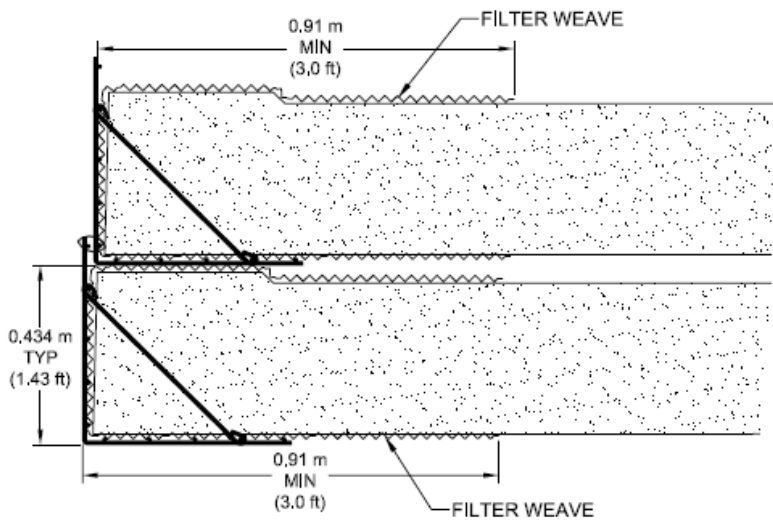
Miragrid®XT



Typical Components of TenCate Wire Wall System – Temporary
(Nonwoven or Woven Geotextile at Wall Face)

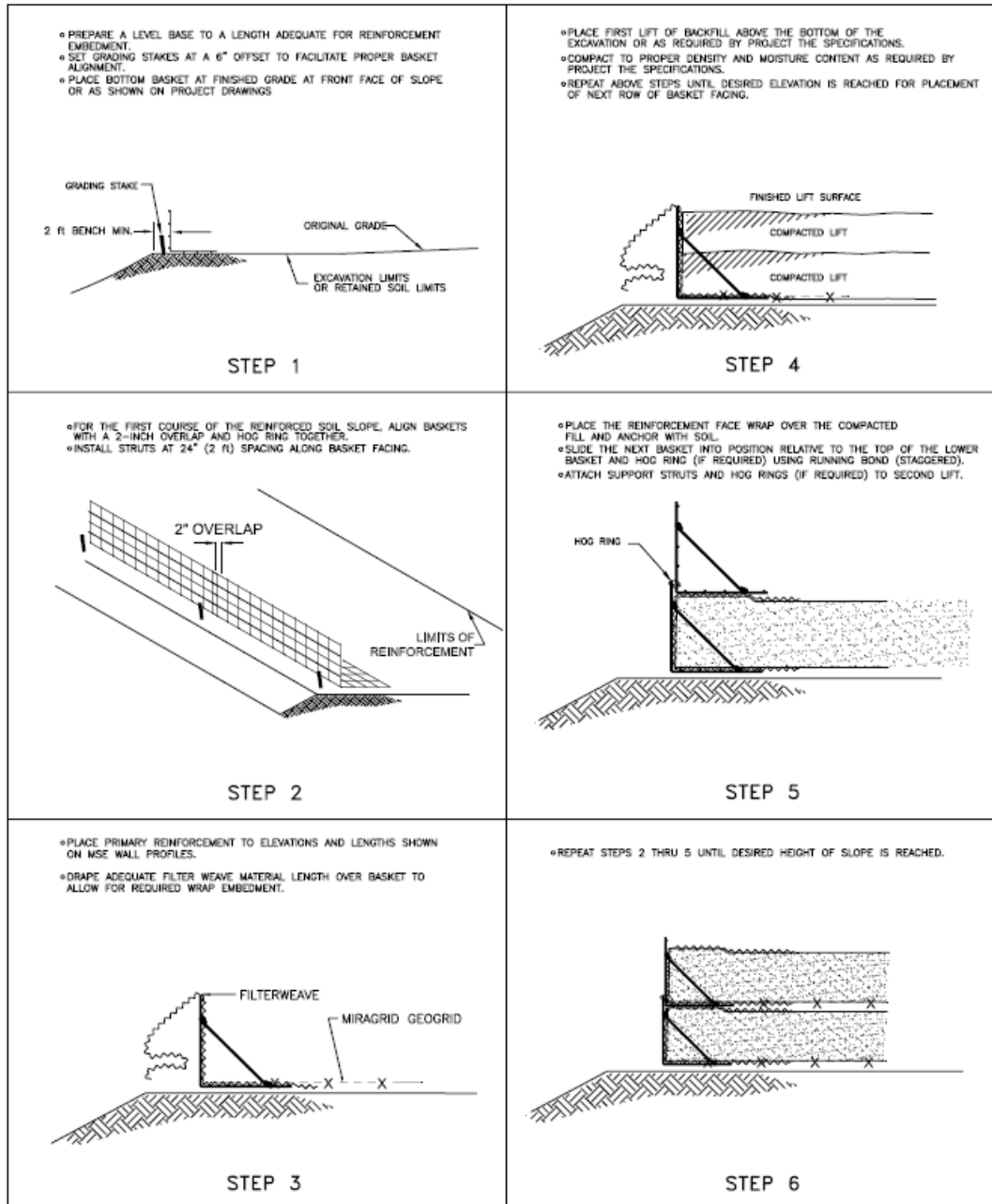


Typical Cross Section of TenCate Wire Wall System – Temporary



Typical Detail of Mirafi® FW-Series geotextile at Wall Face
(Mirafi® X-Series or N-Series may be used as alternate based on design)
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TYPICAL WIRE BASKET CONSTRUCTION SEQUENCE



Typical Installation Guideline for TenCate Wire Wall System – Temporary
(Mirafi® FW may be replaced with other type of facing geotextile based on design)