RETAINING WALL, VERSA-LOK, REINFORCED, MODULAR BLOCK WALL SYSTEM (COMPLETE-IN-PLACE)

Description

This work shall be all inclusive and constructed in-place as the plans indicate and shall include all items necessary to construct the reinforced modular block retaining wall; which includes: supply, delivery and installation of Versa-Lok reinforced modular retaining wall system per the manufacturers specifications and in compliance with the City of Fort Wayne standards and specifications, Versa-Lok square foot units, Versa-Lok cap units, Versa-Tuff pins, block to be placed at a \( \frac{1}{4} \) in. setback, Versa-Grid 3.0 geo-grid layers placed as per plan, an 8 in. minimum compacted No. 53 aggregate base/leveling pad - placed at 4 in. maximum compacted lifts, 4 in. dia. perforated PVC pipe or corrugated HDPE pipe, 12 in. minimum to an 18 in. maximum depth of No.8 coarse aggregate drain layer, geotextile filter fabric, grate-drainage outlets - spaced at 20 ft. intervals to match sidewalk grade, a minimum (2) two-course block embedment over the base leveling pad, additional block for proper base stepping, type “O” compacted aggregate No. 53 structural backfill compacted-in-place at a maximum of 4 in. lifts - to surface elevation.

Materials

Materials shall be in accordance with the following:

Versa-Lok Square Foot Units……………………Versa-Lok Square Foot, Grey (Match Wall Color on West Side of Street),
Split Face Specifications

Versa-Lok Cap Units……………………Versa-Lok Cap Unit Specifications

Versa-Tuff Pins……………………Versa-Lok Versa-Tuff Pin Specifications

Versa-Grid 3.0……………………Versa-Lok Versa-Grid 3.0 Specifications

Structural Backfill, Coarse, 904.05
Aggregate, Size No. 53

Coarse Aggregate, Class E or 904
Higher, Size No. 8

Perforated PVC Pipe or 715-FWR Type 4
Corrugated HDPE Pipe

Filter Fabric 918.02

Grate Drainage Outlet Wall Drain Pro Fitting


**Construction Requirements**

Construction shall follow what is shown on plans, be in accordance with Versa-Lok reinforced modular retaining wall system specifications for the Square Foot Block Wall System and in compliance with the City of Fort Wayne standards and specifications. The City of Fort Wayne shall be responsible for on-site field inspection.

**Method of Payment**

The pay quantity for this item shall be the percentage of Work completed at the time of billing (i.e., 10 percent of the lump sum amount for Retaining Wall, Versa-Lok, Reinforced, Modular Block Wall System (Complete-In-Place) will be earned at 10 percent of earned contract amount).

**Basis of Payment**

Retaining Wall, Versa-Lok, Reinforced, Modular Block Wall System (Complete-In-Place) will be paid under a lump sum basis.

Payment Will be made under:

<table>
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<tr>
<th>Pay Item</th>
<th>Pay Unit Symbol</th>
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<tr>
<td>Retaining Wall, Versa-Lok, Reinforced………………….</td>
<td>LS</td>
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<tr>
<td>Modular Block Wall System (Complete-In-Place)</td>
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The cost of all labor, equipment, materials, and all incidental work shall be included in the cost of the pay item.

Excavation will be paid for separately under pay item ‘Excavation, Unclassified’.