
January 19, 2022

CornerStone Wall Solutions Inc.
Attention: Mr. Tolin Hessell
6420 79 Ave SE #24
Calgary, AB T2C 4S6

Dear Mr. Hessell:

The Maryland Department of Transportation State Highway Administration – Office of Structures (MDOT SHA – OOS) has reviewed your submittal package requesting approval for the renewal of your proprietary retaining wall system, MagnumStone Wall System. The submittal included the 30 ft. wall height calculations, a list of wall revisions since 2011 and links to the current installation and geogrid guides. We hereby approve your request for the use of MagnumStone Wall System on MDOT SHA projects for wall up to 30 ft. in height.

Please note the following:

- The soil reinforcement we are approving is Strata Geogrid.
- The wall system shall be founded on a concrete leveling pad.
- On some occasions we limit the use of certain walls based on aesthetic or other reasons. Therefore, the use of this wall at every location is not assured but will depend on your ability to meet any site specific requirements that will be spelled out in the contract documents.
- Only # 57 stone is acceptable as backfill behind the wall.
- The preparation of specific contract documents will include the submittal of substitute drawings as outlined in Section 450.01.01 of the MDOT SHA Standard Specifications for Construction and Materials. These drawings must be issued as a redline revision of the contract before the submittal and approval of any shop drawings. The substitute drawings will be compared to your approved submittal package. The shop drawings will be compared to the redlined substitute drawings. Failure to provide contract specific substitute drawings will result in the rejection of all shop drawings.
- If you wish to revise any of the approved details or information previously approved, you must submit the revisions to us for our review and approval prior to its incorporation in any MDOT SHA project. This review may require evaluation from an approved independent Professional Engineer if we deem it necessary.
- The approval is valid for 10 years from the above captioned date after which a new review will be required.

Please note that this approval does not exempt the contractor or supplier from material clearance requirements through our Office of Materials Technology (OMT) Division before the product can be used on the specified projects. The material clearance involves inspection of concrete plants, compliance with approved concrete mixes and admixtures, mill certification of materials among others that are applicable to the product type. The precast concrete plants that are manufacturing concrete products must be on MDOT-

MagnumStone Renewal

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SHA's qualified list. The proprietary wall system Quality Assurance/Acceptance requirements shall be per MDOT-SHA Material Quality Assurance Processes.

For more information, please visit our webpage at:

<https://www.roads.maryland.gov/mdotsha/pages/Index.aspx?PageId=51>

Please contact OMT via phone at 443-572-5100 or via email at:

materials@mdot.maryland.gov for any material related questions.

If you have any questions, please contact our Project Manager, Mr. Randall Knieriem, at (410) 545-8360 or via email at rknieriem@mdot.maryland.gov. Mr. Knieriem will be happy to assist you.

Very truly yours,

A handwritten signature in blue ink that reads "Rod Thornton". The signature is written in a cursive style with a large, stylized "R" and "T".

Rod Thornton, Acting Director Office of Structures
Enclosures