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Project:
Regal Stone Pro Details

8" Single Unit Details

Designed By: RKM
Checked By: CDM
Scale: No Scale
Revision: 12-19-17
Drawing No: 1 of 12

Dimensions May Vary by Region

* Dimensions May Vary by Region

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Gravity Wall Typical Section

Note:
Drain should be at bottom of wall when possible.
Utilize raised drain location when bottom of wall drainage is not possible.
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Drain should be at bottom of wall when possible.
Utilize raised drain location when bottom of wall drainage is not possible.
Geogrid Note:
Measure, cut and orient the geogrid, as per the engineers design and the geogrid manufacturers specifications on correct strength direction.

Extend geogrid the wall height / 4 (H / 4) beyond the adjoining wall face at inside wall corners.

The reinforcement should not extend into the retaining wall units on the perpendicular leg of the 90 degree corner.

Block Note:
Cut units as required to maintain running bond pattern.

Inside Corner Plan with Geogrid

Typical Base and / or Odd Numbered Courses Plan

Typical 2nd and / or Even Numbered Courses Plan

Inside Corner Isometric

Additional Geogrid Overlap Extension (See Note)

3" of Backfill is Required Between Overlapping Geogrid for Proper Anchorage (Typ.).

Geogrid Reinforcement (Typ.)

Cut Unit
Free Draining Aggregate
Geogrid Note:
Measure, cut and orient the geogrid, as per the engineers design and the geogrid manufacturers specifications on correct strength direction.

The reinforcement should not extend into the retaining wall units on the perpendicular leg of the 90 degree corner.

Block Note:
Cut units as required to maintain running bond pattern.

Free Draining Aggregate Note:
Place additional free draining aggregate fill at outside wall corners to extend back from wall face each way a distance equal to the wall height / 2 (H / 2).

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Geogrid Note:
Measure, cut and orient the geogrid, as per the engineers design and the geogrid manufacturers specifications on correct strength direction.

The reinforcement should not extend into the retaining wall units on the perpendicular leg of the 90 degree corner.

Block Note:
Cut units as required to maintain running bond pattern.

Free Draining Aggregate

Regal Stone Pro Unit

Typical Inside Curve Plan

Inside Curve Plan with Geogrid

Inside Curve Isometric
Geogrid Note:
Measure, cut and orient the geogrid, as per the engineers design and the geogrid manufacturers specifications on correct strength direction.

The reinforcement should not extend into the retaining wall units on the perpendicular leg of the 90 degree corner.

Free Draining Aggregate Note:
Place additional free draining aggregate fill at outside wall corners to extend back from wall face each way a distance equal to the wall height / 2 (H / 2).

Block Note:
Cut units as required to maintain running bond pattern.
Note:
Concrete filled tube or form to be set during the wall construction, not drilled through geogrid afterwards when directly behind units.
Steel Fence or Railing as Required

Low Permeable soil

Plastic Membrane

Concrete Filled Tube or Form 8' o.c. Max.

Geosynthetic Reinforcement (Typ)

Concrete or Grass Drainage Swale to Intercept and Divert Surface Water

Expansion Material w/Concrete

Cap Unit

Finished Grade

36" Min.

24" Min.

8" Min.

Drainage Swale Section