Notes:
- Use ASTM No. 57 stone (or as specified by local Professional Engineer) to infill between blocks.
- Preliminary wall height charts do not apply and should not be used for walls in water applications due to the variety of site-specific variables.
- Contact your local Professional Engineer for specific details and final design.
- Walls may require geogrid reinforcement.
- Refer to final engineering plans.

Optional Concrete Footing

This drawing is for reference only. Determination of the suitability and/or manner of use of any details contained in this document is the sole responsibility of the design engineer of record. Final project designs, including all construction details, shall be prepared by a licensed professional engineer using the actual conditions of the proposed site.
Large setback gravity retaining wall blocks with 9½" (230mm) setback (shown) or optional 16½" (422mm) filled trough planter blocks.

Armor stone as specified by local Professional Engineer to be placed on non-woven geotextile fabric.

Ground Surface (Skoot Varves)

Water Surface (Elevation Varves)

ASTM No. 57 drainstone to extend at least 12" behind wall.
(Final depth below and behind wall to be determined by local Professional Engineer based on site specific conditions)

Non-woven geotextile fabric

Drain as designed by local Professional Engineer to meet site specific requirements

Blocks to extend below long term scour depth determined by local Professional Engineer based on site specific conditions

NOTES:
- Both 9½" (230mm) and 16½" (422mm) (with filled trough) setback blocks could be considered for seawall applications.
- Use ASTM No. 57 stone (or as specified by local Professional Engineer) to infill between blocks.
- Maximum wall height charts are not provided for walls in water applications due to the variety of site-specific variables. Contact your local Professional Engineer for specific details and final design.
- Walls may require geogrid reinforcement. Refer to final engineering plans.

SEAWALL WITH LARGE SETBACK BLOCKS - CONCEPTUAL SECTION
(NO SCALE)

OPTIONAL CONCRETE FOOTING
(NO SCALE)
NOTES:
- Use ASTM No. 57 stone (or as specified by local Professional Engineer) to infill between blocks.
- Maximum wall height charts are not provided for walls in water applications due to the variety of site-specific variables. Contact your local Professional Engineer for specific details and final design.
- Walls may require geogrid reinforcement. Refer to final engineering plans.
- Seawalls could be constructed with filled trough Planter Blocks using a 16% setback per course.

This drawing is for reference only. Determination of the suitability and/or manner of use of any details contained in this document is the sole responsibility of the design engineer of record. Final project designs, including all construction details, shall be prepared by a licensed professional engineer using the actual conditions of the proposed site.
Design must adequately address turning walls into the bank at both ends to assure water will not erode material from behind the wall.

Redi-Rock walls are an effective channel hardscape product when properly designed and installed.