



Would need some sort of retention along this end.

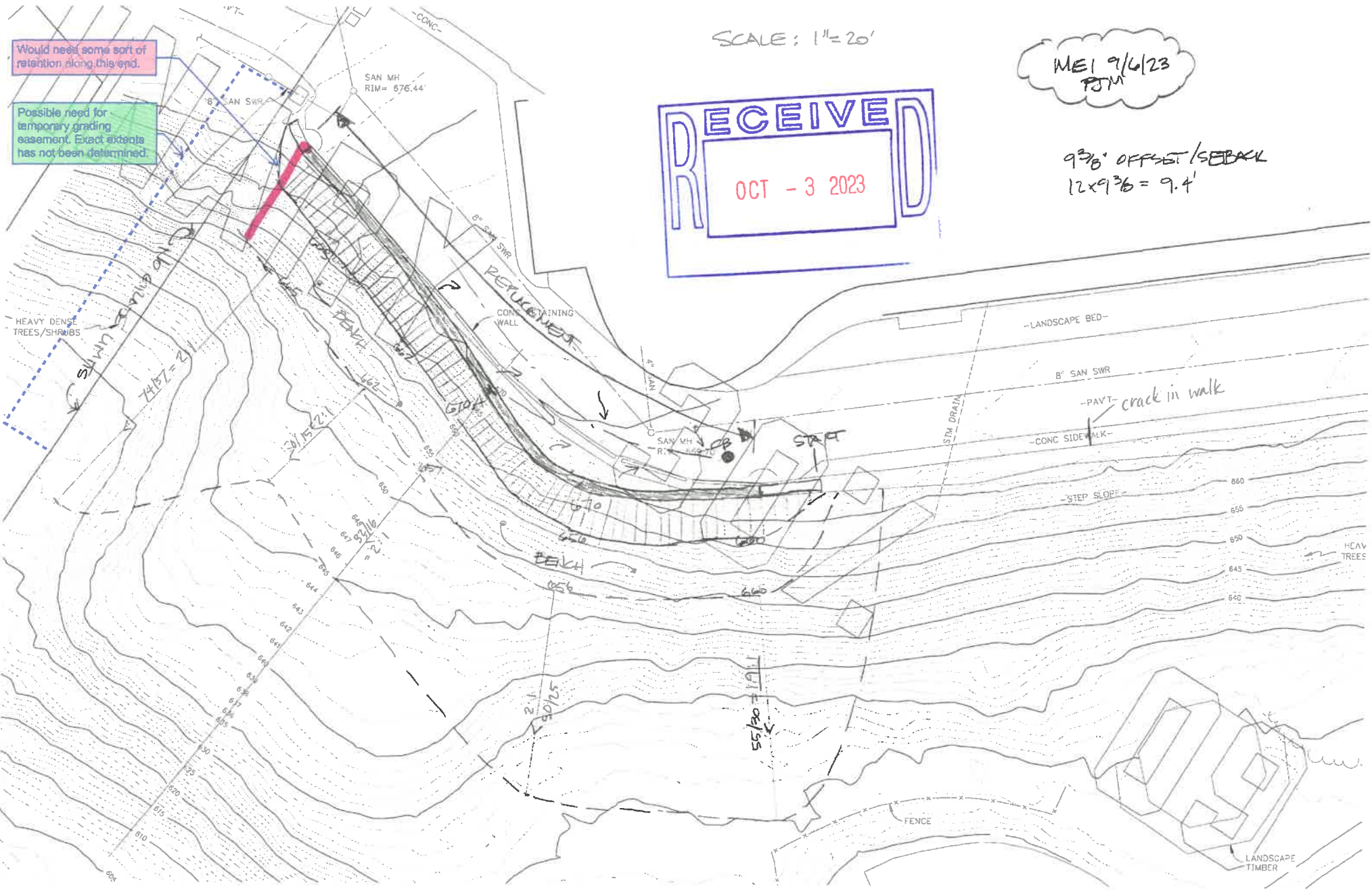
Possible need for temporary grading easement. Exact extents has not been determined.

SCALE: 1" = 20'

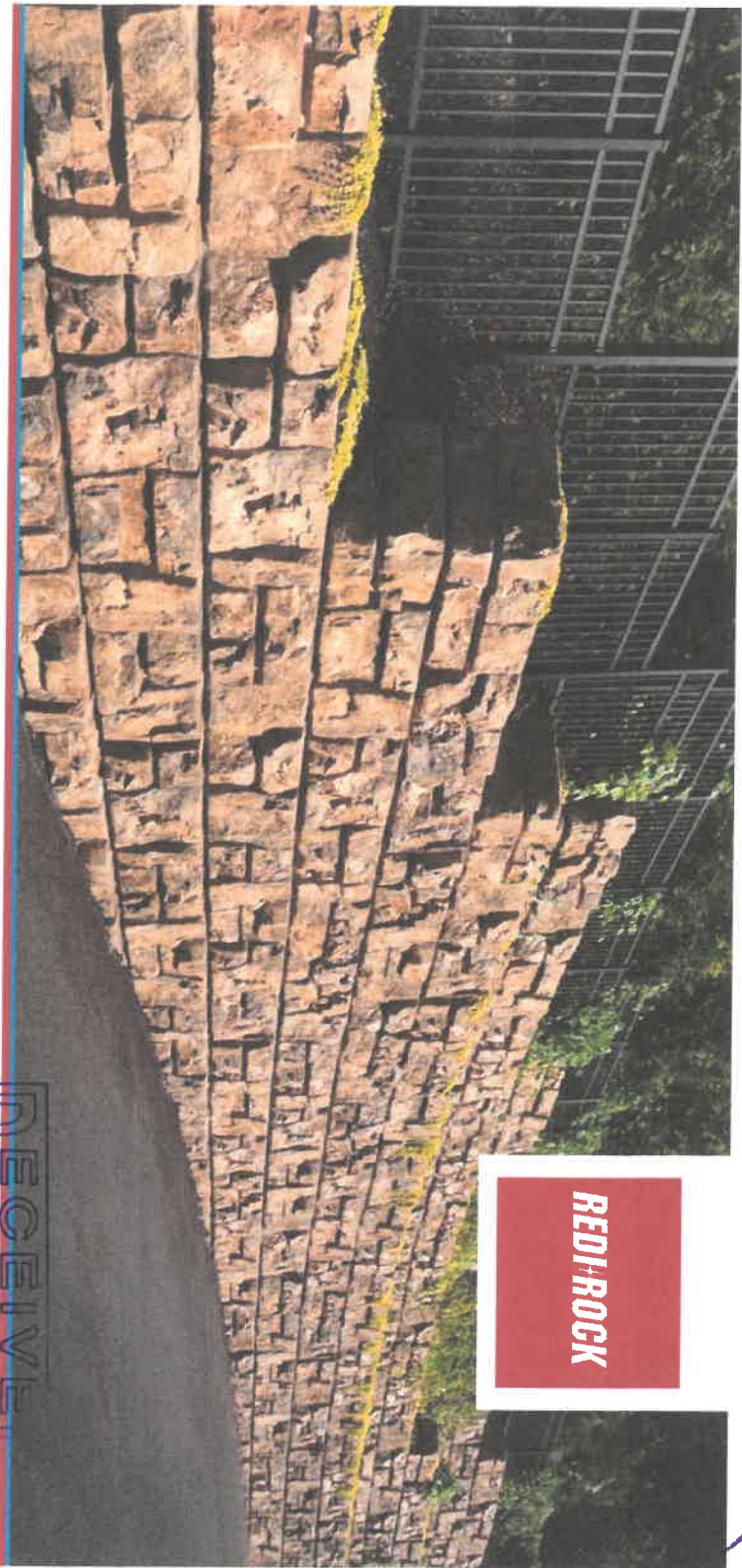
MEI 9/6/23  
RJM

RECEIVED  
OCT - 3 2023

9'36" OFFSET / SEBACK  
12 x 9'36" = 9.4'



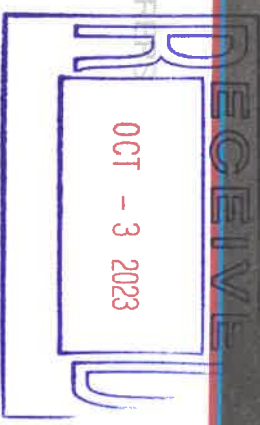




REDI+ROCK

REDI-ROCK® MOLD TEXTURE OPTIONS FOR MANUFACTURE

# LEDGESTONE



Redi-Rock Ledgestone. It just has a certain ring to it, doesn't it? This texture has been extremely popular since it launched in 2010. The random, stacked stone appearance has often been imitated, but none compare to the original!

## Ledgestone Block Benefits

- Trapezoidal shape allows convex and concave radii
- 5.5 inch (140 millimeter) deep texture
- Colors can be formulated based upon local region
- Ten individual face molds offer up to 115 square feet (10.5 square meters) of non-repeating patterns
- Wet-cast concrete gives a greater level of detail and durability



larger detail and other options ▶

Contact your Redi-Rock sales rep to order this texture today!

**Full Face Molds**



R002-A085-LD01



R002-A085-LD02



R002-A085-LD03



R002-A085-LD04



R002-A085-LD05



R002-A085-LD06



R002-A085-LD07



R002-A085-LD08



R002-A085-LD09



R002-A085-LD10



R002-A187-LD01 / LD02  
*42.5 In Curved Face Mold*



R002-A193-LD01  
*Half Face Mold*

**Corner Face Molds**



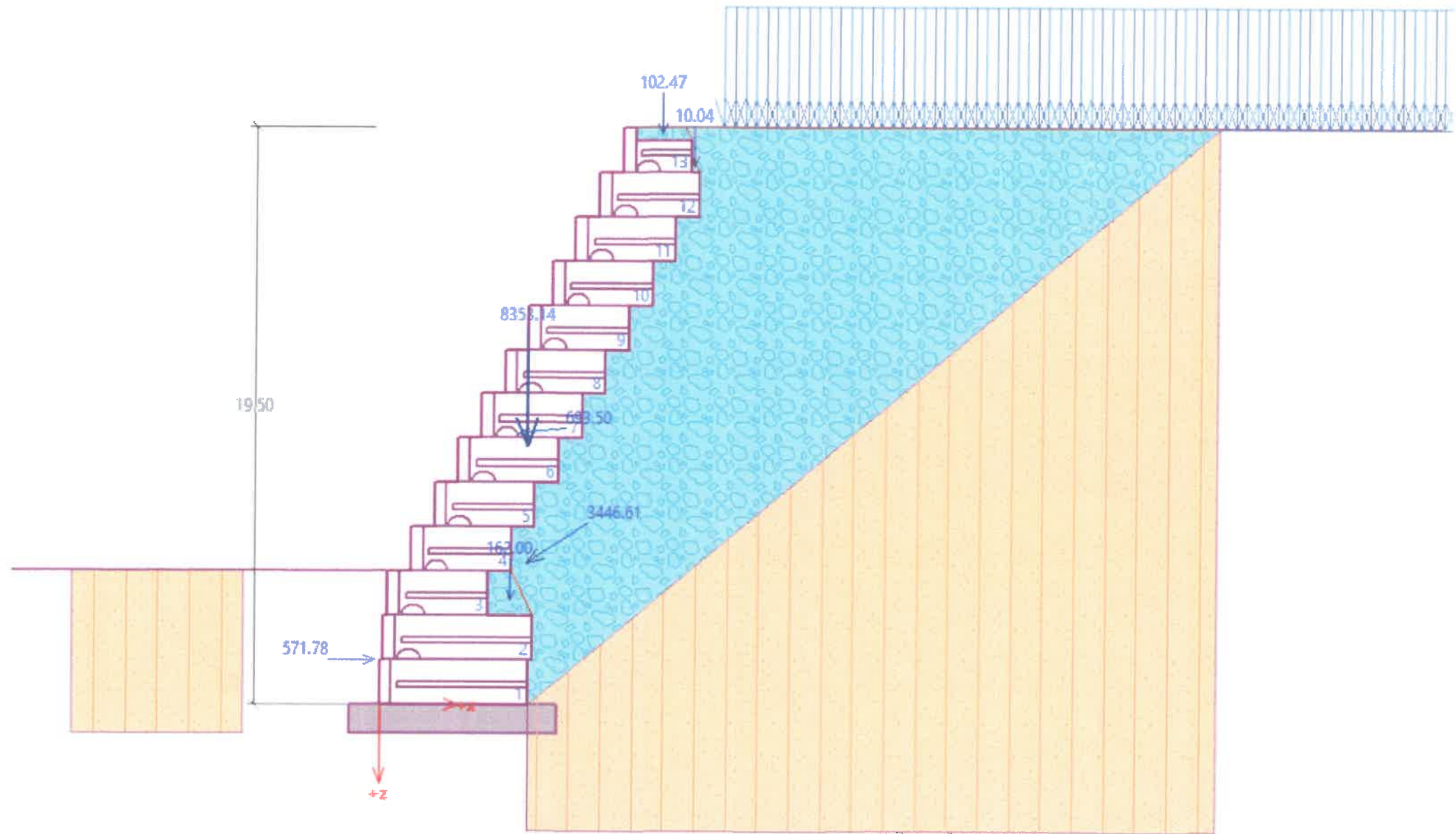
R003-A066-LD01



R003-A066-LD02



R003-A084-LD01  
*Half Corner Mold*





Richard  
Neumann  
Architect

610 Grand Avenue, Petoskey, Michigan 49770, 231.347.0922



29 September 2023

Katie Pereny, Secretary  
Planning Commission  
City of Mackinac Island  
Mackinac Island, MI 49757

Re: **WEST BLUFF ROAD STABILIZATION PROJECT**  
Architectural Review

Dear Ms. Pereny:

This letter is in response to a request from Davidson Hospitality Group to provide a review of a proposed emergency stabilization project to address erosion of the hillside below West Bluff Road near the southwest corner of The Grand Hotel. Long-term and recent more significant erosion of the hillside on hotel property below the road has raised concern as to the safety of this section of West Bluff Road.

Following more detailed engineering, The Grand Hotel proposes to shore up the road by installing an approximately 20 feet high by 150 feet long masonry retaining wall along a section of hillside below the road. The retaining wall would be constructed of precast concrete blocks using a system designed and fabricated by Redi-Rock International, of Charlevoix. It has the general appearance of random stacked stone similar to the natural limestone bedrock underlying and seen in the eroded bluffs found on the Island. This retaining wall system is comprised of ten different molded rock faces cast during fabrication, providing 115 square feet of non-repeating face pattern. The concrete comprising the rock-like block faces can be custom colored to match the native stone color, lending a more naturalistic appearance.

Used in this hillside location away from being associated with a building or structure, as is the white-painted stone wall of Fort Mackinac, the proposed new retaining wall of this more natural appearance would blend best to fit into the hillside. The proposed design includes a 15 feet wide level area at its base, along which it is proposed to place native plant materials that would screen portions of the new wall. This retaining wall appearance, rather than duplicate a more man-made painted white stone appearance, would be most appropriate at this location.

Should you have any questions, please let me know.

Sincerely,

RICHARD NEUMANN ARCHITECT



Rick Neumann

c. Michael McHale, Davidson Hospitality Group  
Dennis Dombroski, City of Mackinac Island  
Erin Evashevski, Evashevski Law Office