

CITY OF TWO HARBORS
UTILITIES COMMITTEE
AGENDA

February 16, 2021

3:00 p.m. Call to order and roll call.

Old Business:

- 1) Brian Guldán re: WWTF Improvements

New Business:

- 1) Miranda re: CDB Wastewater Monitoring Utility Fees

Other:



Real People. Real Solutions.

Two Harbors
WWTF Improvements
Public Utilities Committee

February 16, 2021
2:30 pm
Zoom Online Meeting



Real People. Real Solutions.

AGENDA

1. Attendees

2. Review of Decisions Made

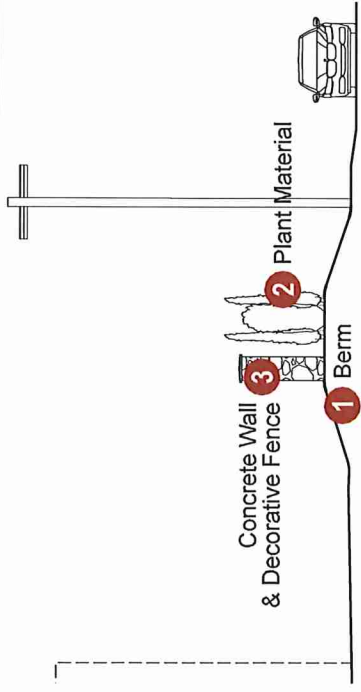
- a. Decisions made during January 8th meeting
 - i. Fence on entire west side to be concrete wall.
- b. Decisions made during January 20th meeting
 - i. Fence Style – Vertical members with small gaps and an industrial steel look
 - ii. Dark color for fencing and concrete wall
 - iii. No “pop outs” should be used at the site entrances
- c. Decisions made during February 3rd meeting
 - i. Fence Style – picketed Corten steel with some areas of solid plate steel with possible laser cut decorative figures or accents.
 - ii. Style of concrete wall and columns to be ledge rock
 - iii. Entrance Gates to be solid panel Corten with laser cuts. Gates will be manual swing gates with room for staff to enter/exit with only one side open.
 - iv. Structural steel will not be used for aesthetics around tanks.
 - v. Plantings - Plantings on the west side of the site should be included in the project. All other plantings will occur after the project by the City.

3. Review of Decisions Yet to Be Made

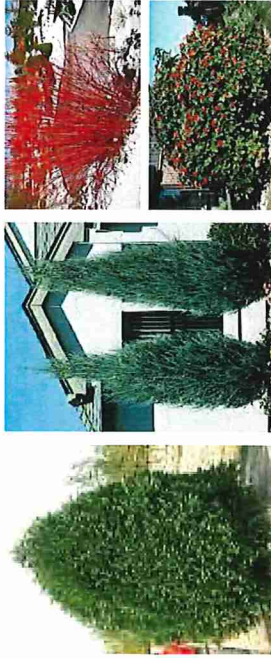
- a. Final fence layout
 - i. Picketed/laser cut panel locations.
 - ii. Laser cut decorations
 - iii. Graffiti control on Corten
- b. Staging area to be utilized. Dan to provide update on discussions with adjacent property owners. Challenges to be considered are as follows.
 - i. At a minimum, a construction easement will be required around the site for installation of the fence/wall.
 - ii. The desired aesthetics for the site will be best achieved by partnering with the adjacent property owner for plantings outside of the City property line.
 - iii. Significant cost savings will be available if the adjacent properties can be used for construction.
- c. Security Cameras – Does City have a current provider for security systems?
- d. Landscape plan for west side of site.

4. Next meeting planned for TBD.

SCREENING TECHNIQUES



1 2 Berm and Plant Material

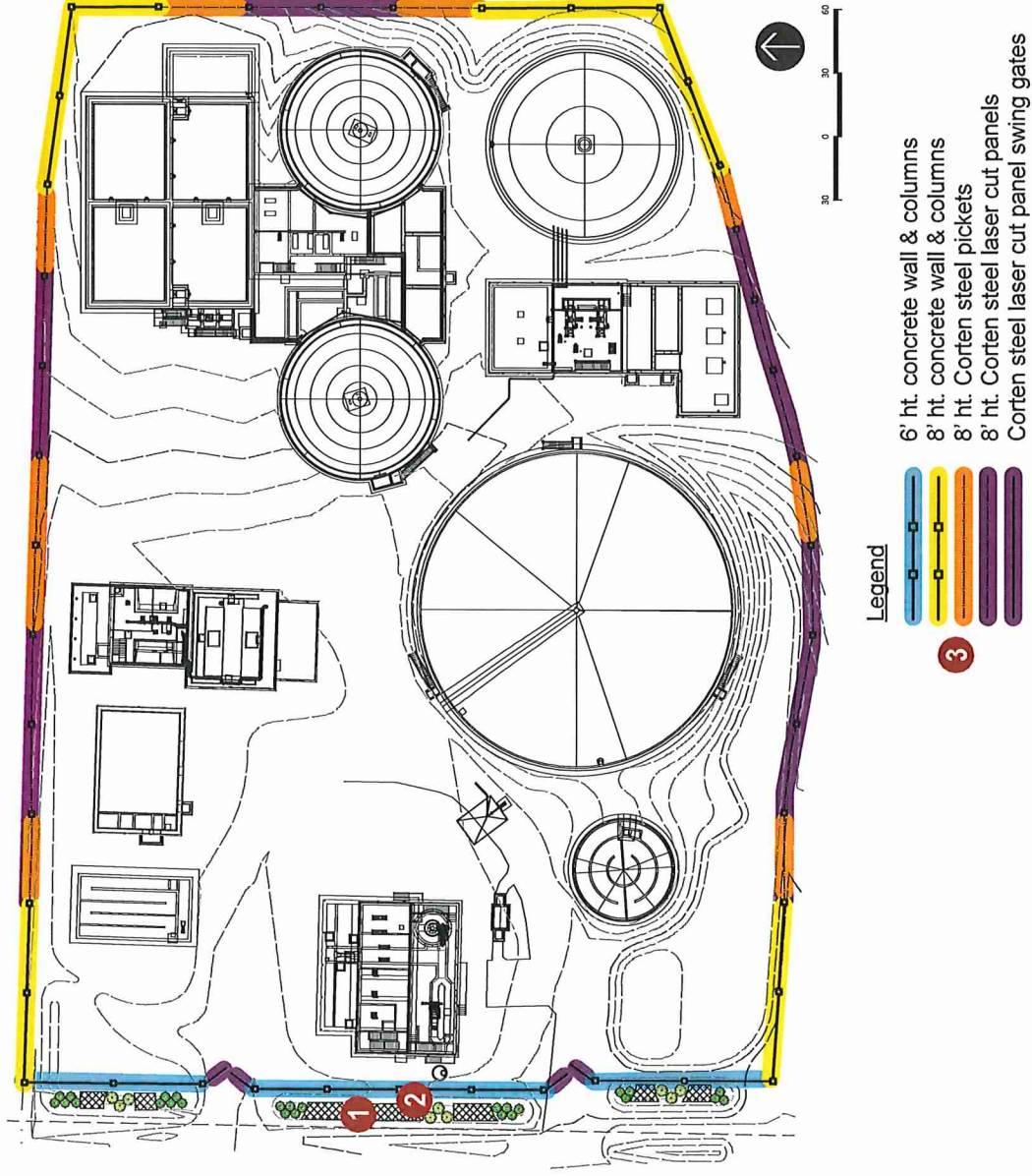


Evergreen plantings, shrubs, and grasses will be planted on a berm along 3rd Street and strategically located to screen portions of the water treatment plant and soften the overall facade.

3 Concrete Wall and Decorative Fence

A mix of a concrete wall with columns and panels with a decorative fence will surround the perimeter of the water treatment plan. The following pages explore the materiality of these elements. The layout plan to the right illustrates where each element is located.

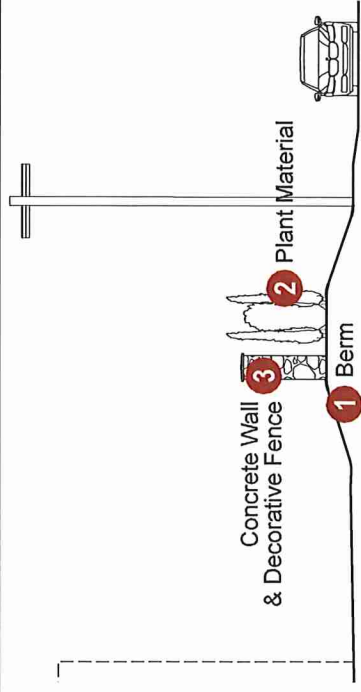
SITE LAYOUT



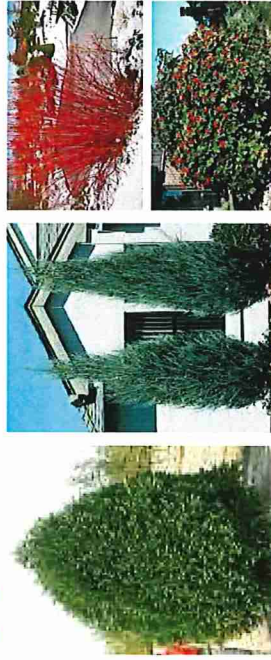
WASTEWATER TREATMENT FACILITY | SITE LAYOUT



SCREENING TECHNIQUES



1 2 Berm and Plant Material

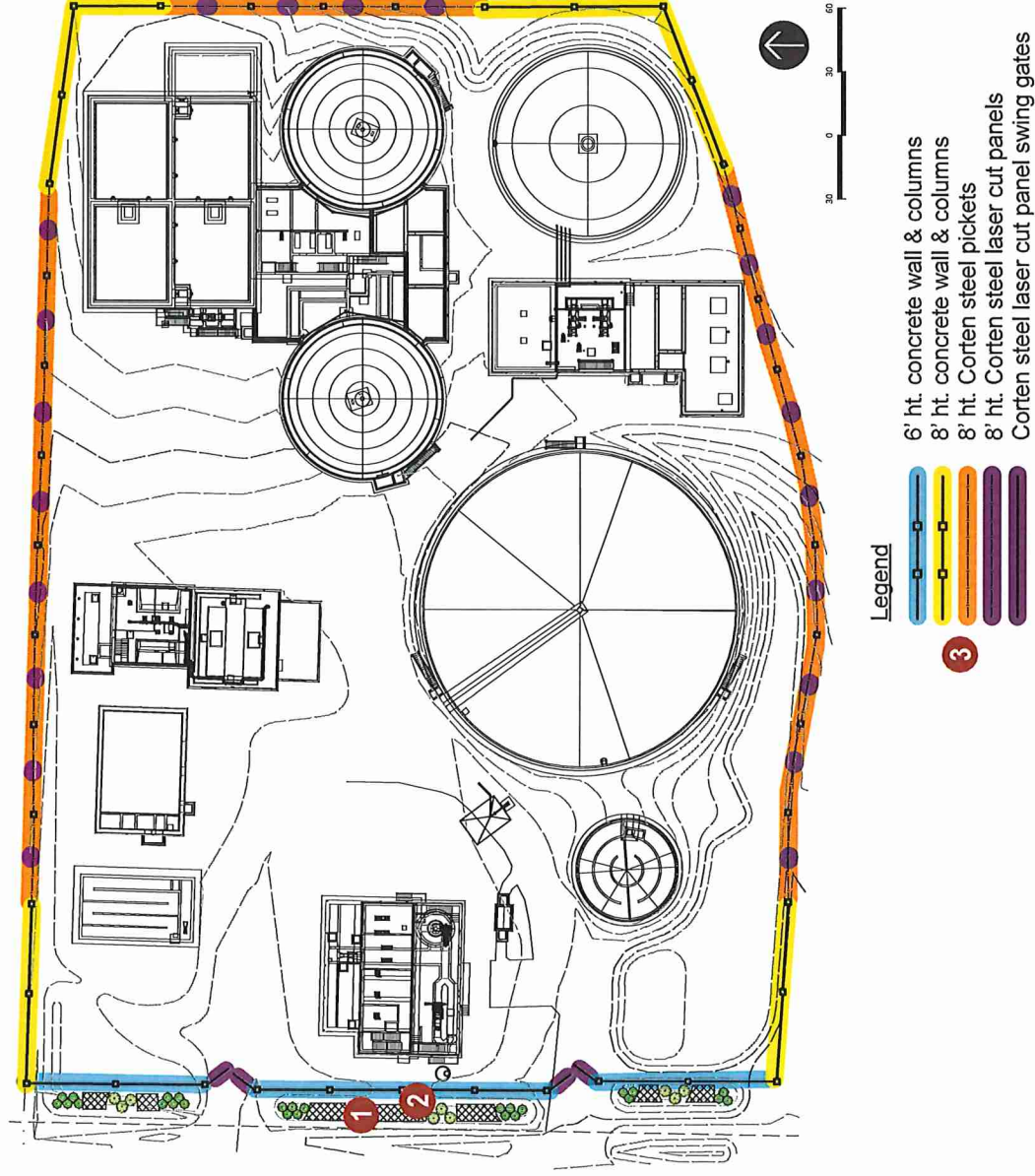


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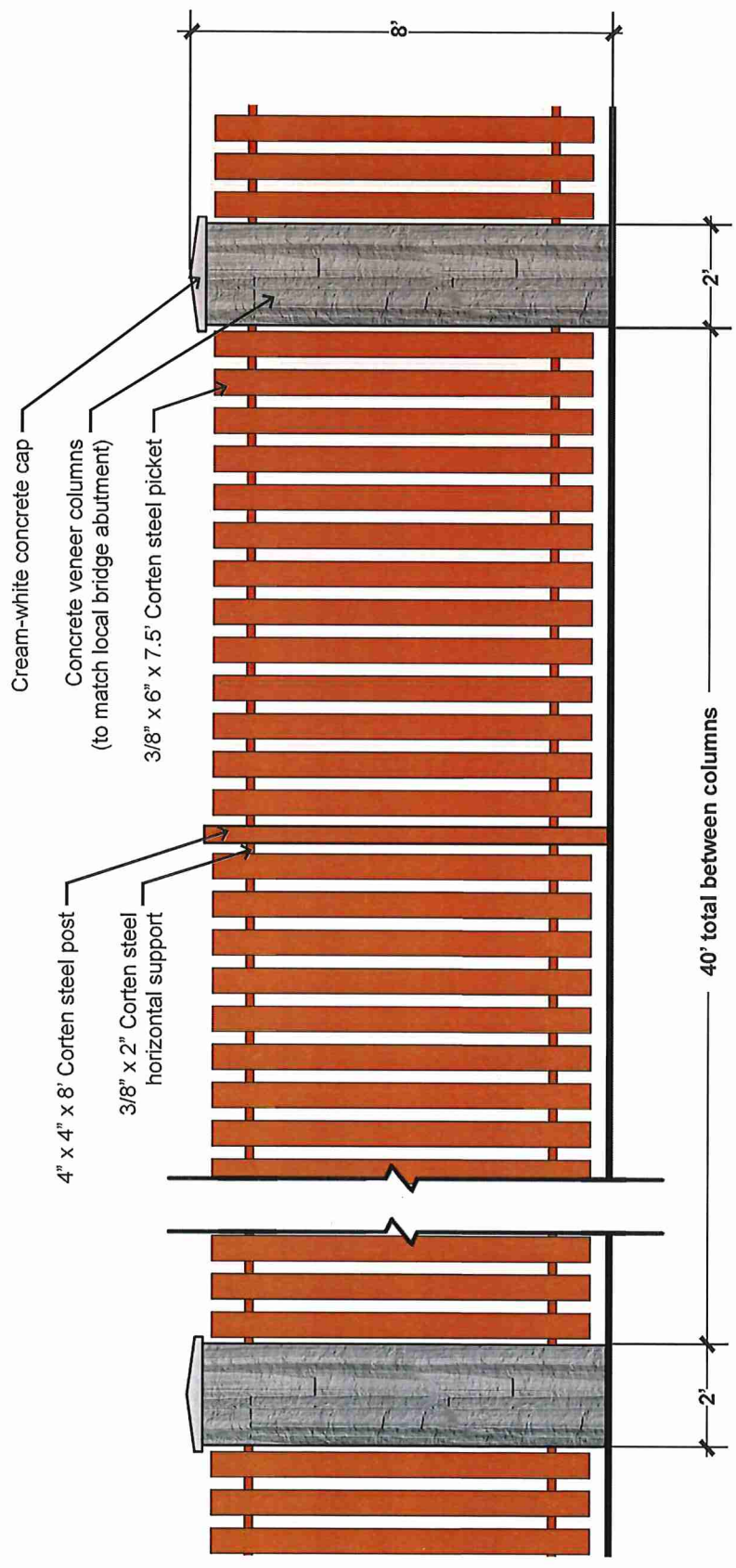
SITE LAYOUT



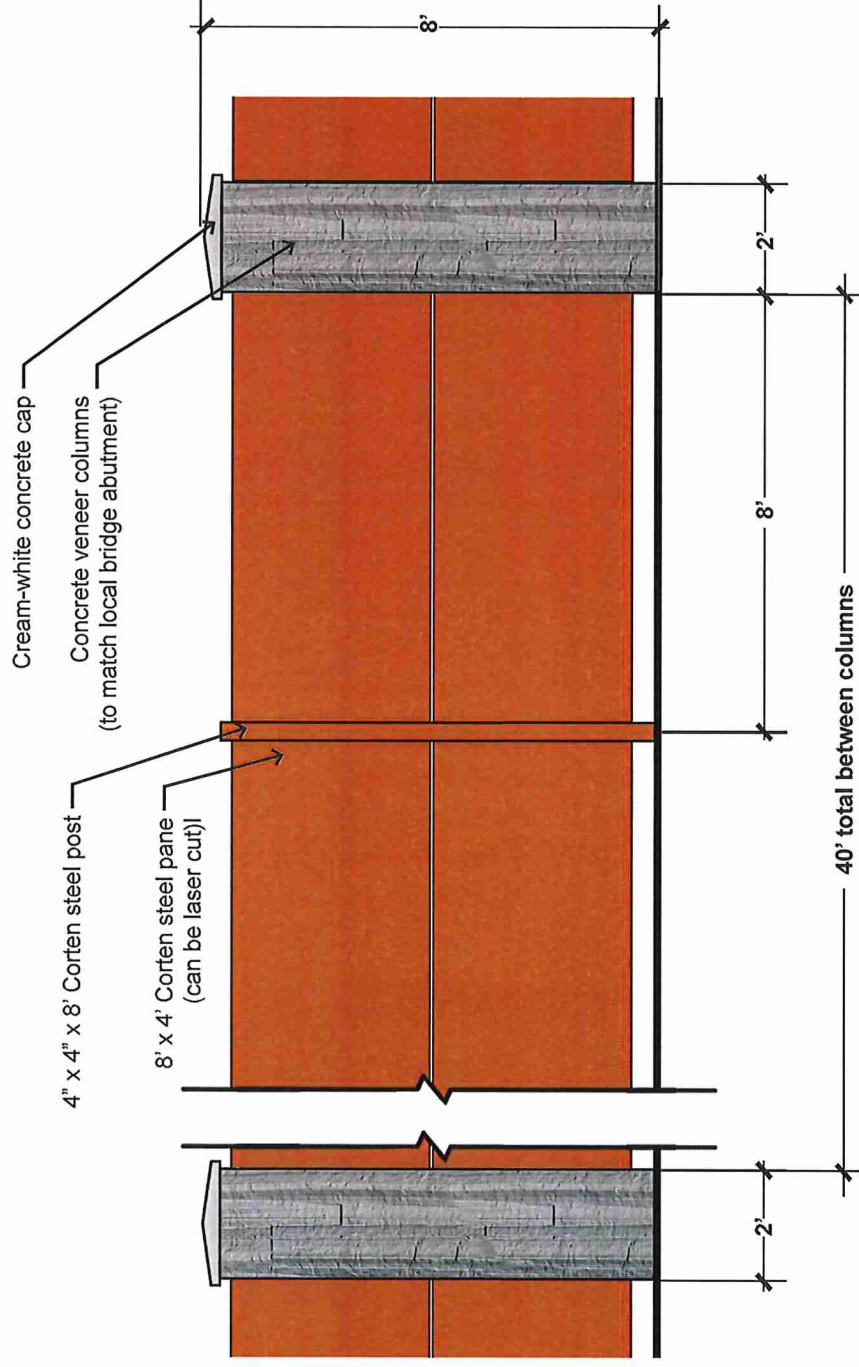
WASTEWATER TREATMENT FACILITY | SITE LAYOUT



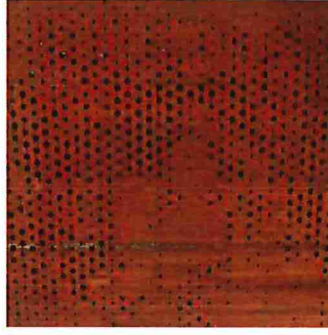
8' Ht. Decorative Fence with Pickets



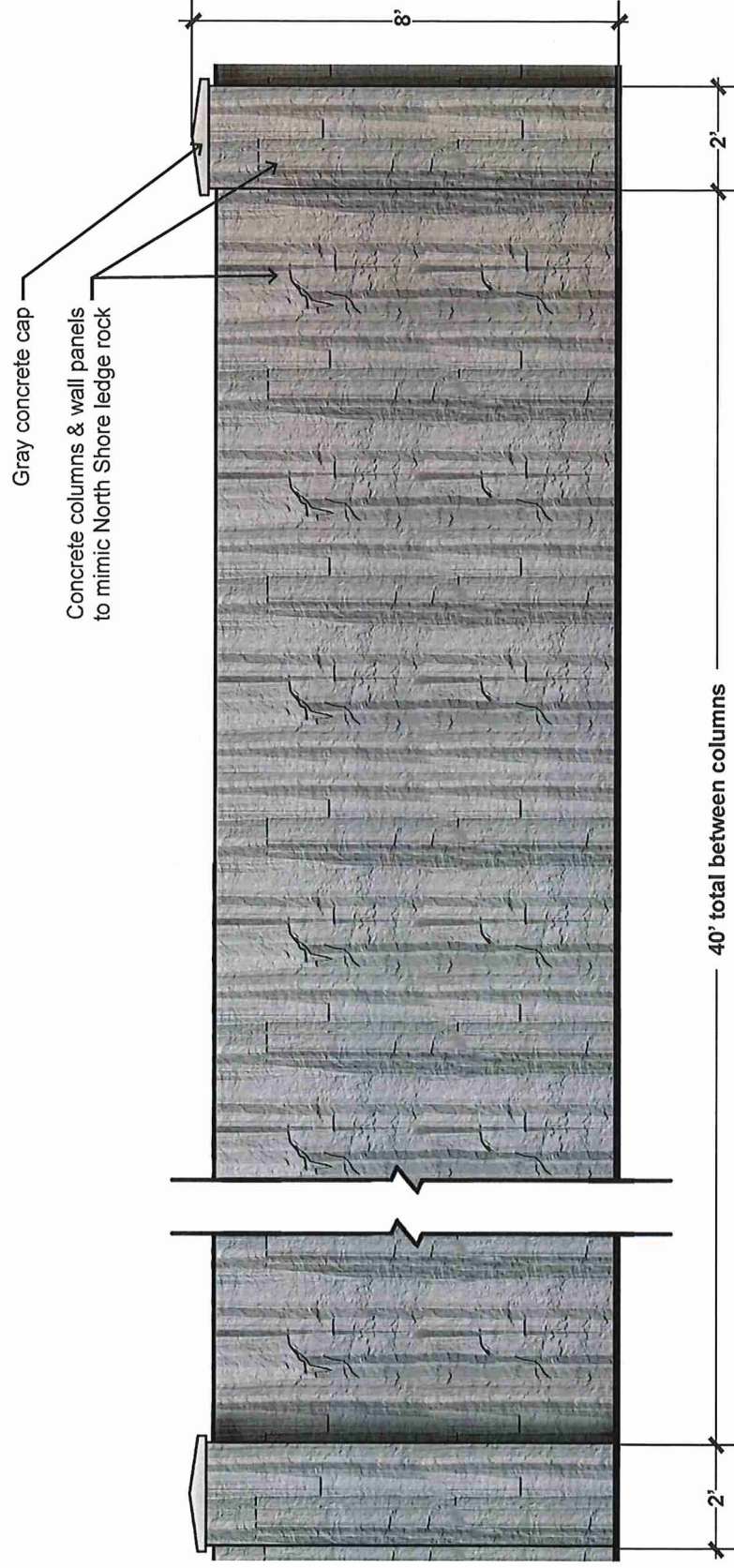
8' Ht. Decorative Fence with Panels



Laser Cut Panels



8' Ht. Screening Wall



INVOICE

4-Feb-21

Bill To:

Castle Danger Brewery
Attn: Lon Larson
17 17th Street
Two Harbors, MN 55616

Details - Final***Wastewater Monitoring Utility Fees***

Design Engineering Costs	\$ 34,500.00
Construction	142,775.00
Change Order No. 1	2,413.00
Construction Engineering Costs	29,224.96
Total Project Costs	\$ 208,912.96
IRRRB Grant Received	(85,000.00)
Castle Danger Payment #1	(16,722.50)
Castle Danger Payment #2	(30,026.50)
Total Payments Received	\$ (131,749.00)
Payment Due	\$ 77,163.96