THE CITY OF MARQUETTE

IN COOPERATION WITH THE U.S. DEPARTMENT OF TRANSPORTATION MARITIME ADMINISTRATION

STANDARDS:

EXCEPT WHERE OTHERWISE INDICATED ON THESE PLANS OR IN THE PROPOSAL AND SUPPLEMENTAL SPECIFICATIONS CONTAINED THEREIN, ALL MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE MICHIGAN DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR CONSTRUCTION, 2020 VERSION, AND THE 2011 MICHIGAN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.

PIDP 2021 - CITY OF MARQUETTE - PROTECTING CRITICAL INFRASTRUCTURE AND IMPROVING EFFICIENCY PROJECT DREDGING AND BENEFICIAL REUSE MO13-504

MICHIGAN DEPARTMENT OF TRANSPORTATION STANDARD PLANS

WHERE THE FOLLOWING ITEMS ARE CALLED OUT ON THE PLANS,
THEY ARE TO BE CONSTRUCTED IN ACCORDANCE WITH THE STANDARD
PLAN GIVEN BELOW OPPOSITE EACH ITEM UNLESS OTHERWISE INDICATED.

R - 96 - E

SOIL EROSION & SEDIMENTATION CONTROL MEASURES

TRAFFIC AND SAFETY STANDARD PLANS

* WZD-125-E TEMPORARY TRAFFIC CONTROL DEVICES

0-MT-ALL-NONFWY FULL SET OF NON-FREEWAY MAINTAIN. TRAFFIC TYP.

* SPECIAL DETAIL

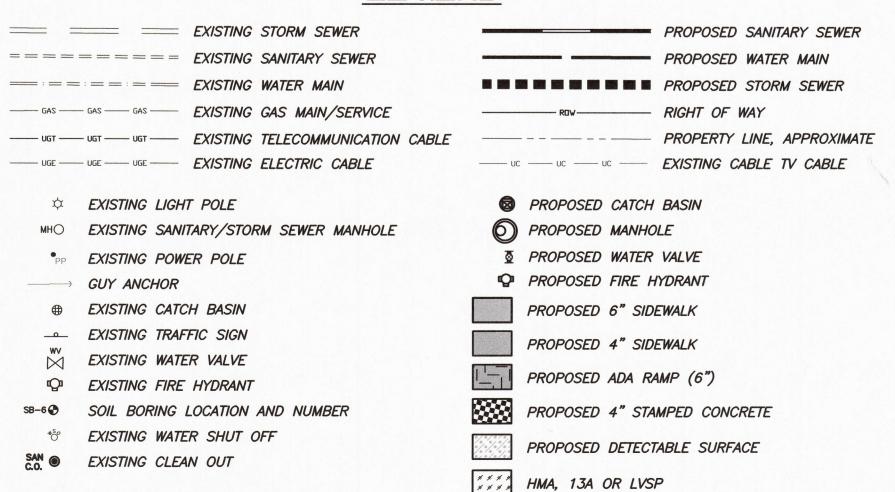
UTILITIES

FOR PROTECTION OF UNDERGROUND UTILITIES AND IN CONFORMANCE WITH PUBLIC ACT 53, THE CONTRACTOR SHALL CALL MISS DIG AT 1-800-482-7171 A MINIMUM OF THREE FULL WORKING DAYS, EXCLUDING SATURDAYS, SUNDAYS, AND HOLIDAYS PRIOR TO BEGINNING EACH EXCAVATION IN AREAS WHERE PUBLIC UTILITIES HAVE NOT BEEN PREVIOUSLY LOCATED.

THE FOLLOWING UTILITIES ARE LOCATED IN OR NEAR THE RIGHT-OF-WAY FOR THIS PROJECT:

SANITARY SEWER MAIN AND LATERALS
WATERMAIN AND WATER SERVICES
STORM SEWER MAIN
GAS MAIN AND SERVICES
UNDERGROUND TELEPHONE, ELECTRICAL, CABLE TV, AND FIBER OPTICS
OVERHEAD TELEPHONE, ELECTRICAL, CABLE TV, AND FIBER OPTICS

LEGEND



LOCATION MAP DEAD RIVER PRESQUE ISLE HARBOR SITE 1 HAWLEY STREET PROJECT LOCATIONS TOURIST PARK -SITE 3 SITE 4 WRIGHT STREET SITE 2 FAIR AVENUE KAYE KAYE COLLEGE MAGNETIC PARK

PUBLIC UTILITIES

MARQUETTE BOARD OF LIGHT AND POWER 2200 WRIGHT STREET MARQUETTE, MICHIGAN 49855 PH. (906) 228-0300

SPECTRUM MID-AMERICA, LLC 359 US-41 EAST NEGAUNEE, MICHIGAN 49866 PH. (906) 228-2900

MARQUETTE WATER AND SEWER DEPARTMENT 1100 WRIGHT STREET MARQUETTE, MICHIGAN 49855 PH. (906) 228-0444 3255 US-41 WEST MARQUETTE, MICHIGAN 49855 PH. (906) 221-2121 SEMCO ENERGY

SEMCO ENERGY 34 US-41 EAST NEGAUNEE, MICHIGAN 49866 PH. (906) 475-9901

PENINSULA FIBER NETWORK 1901 WEST RIDGE STREET #2 MARQUETTE, MICHIGAN 49855 PH. (906) 226-7102

INDEX OF SHEETS

COVER SHEET

SITE 1 PLAN

SITE 1 CROSS SECTIONS

SITE 2 PLAN AND CROSS SECTIONS

SITE 3 PLAN AND CROSS SECTION

TRAFFIC CONTROL PLAN

SOIL EROSION AND SEDIMENTATION CONTROL AND SITE ACCESS PLAN

8 SOIL EROSION AND SEDIMENTATION CONTROL DETAILS

CONTRACT FOR:
PIDP - CITY OF MARQUETTE - PROTECTING CRITICAL
INFRASTRUCTURE AND IMPROVING EFFICIENCY PROJECT

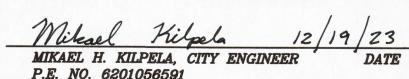
MUNICIPAL APPROVAL:

KAREN KOVACS, CITY MANAGER

DATE

12/19/2023

PREPARED UNDER THE SUPERVISION OF:

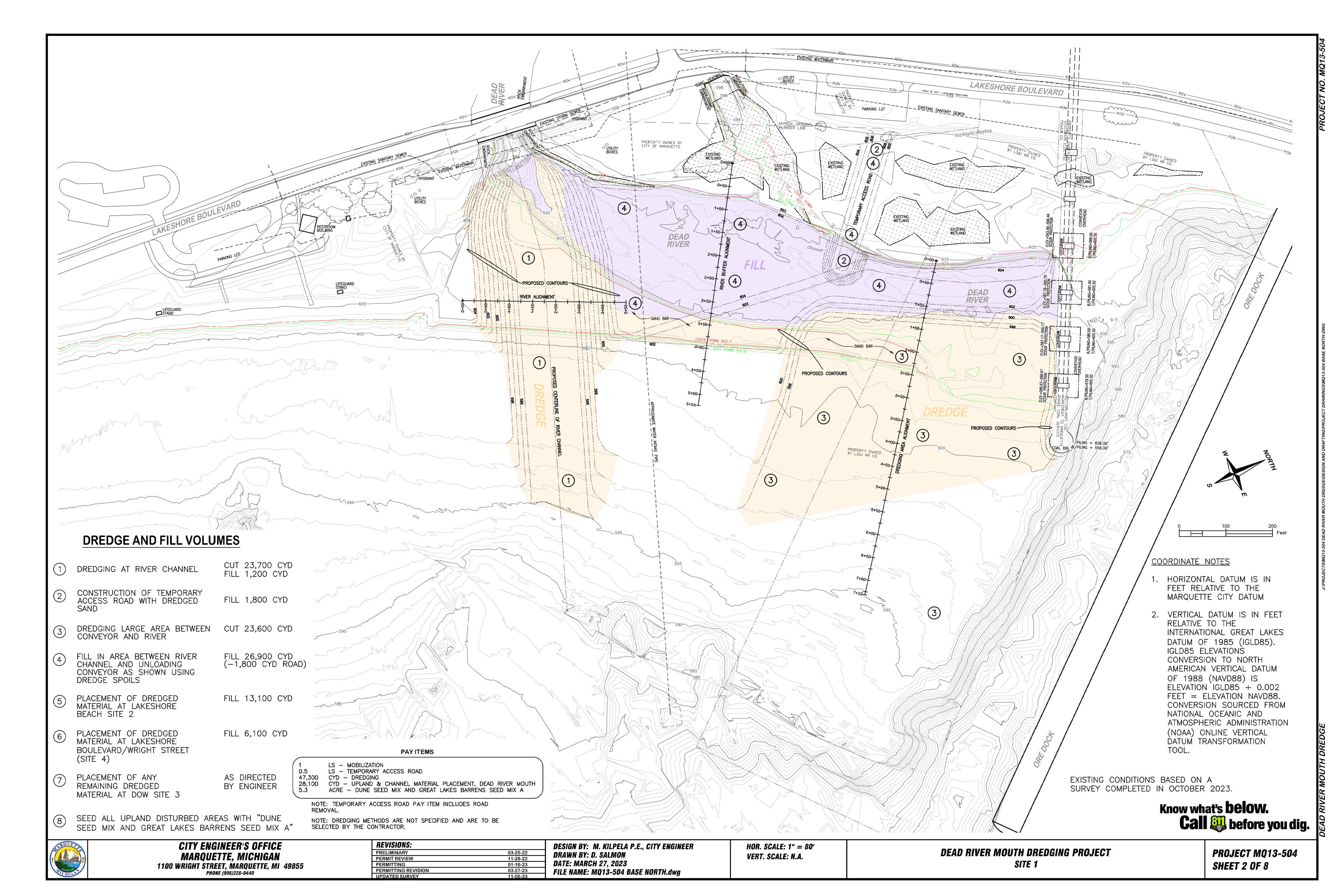




CITY OF MARQUETTE

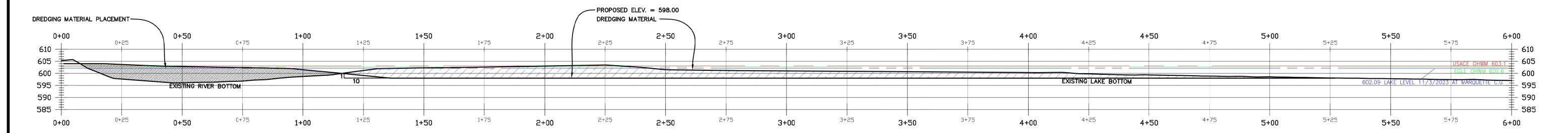
License No.

CITY ENGINEER'S OFFICE 1100 WRIGHT STREET MARQUETTE, MICHIGAN 49855 PH. (906) 228-0440



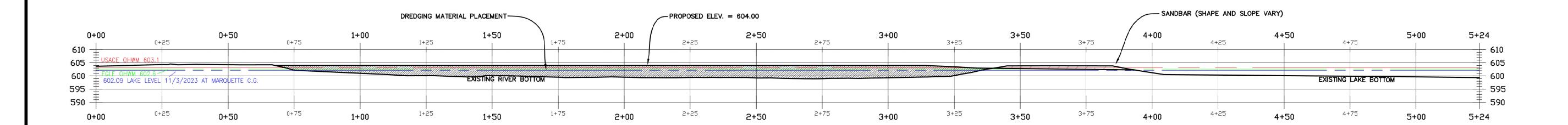
RIVER ALIGNMENT PROFILE

SCALE: 1" = 20'



DREDGING AREA ALIGNMENT PROFILE

SCALE: 1" = 20'



RIVER BUFFER ALIGNMENT PROFILE

SCALE: 1" = 20'

Know what's **below. Call** before you dig.

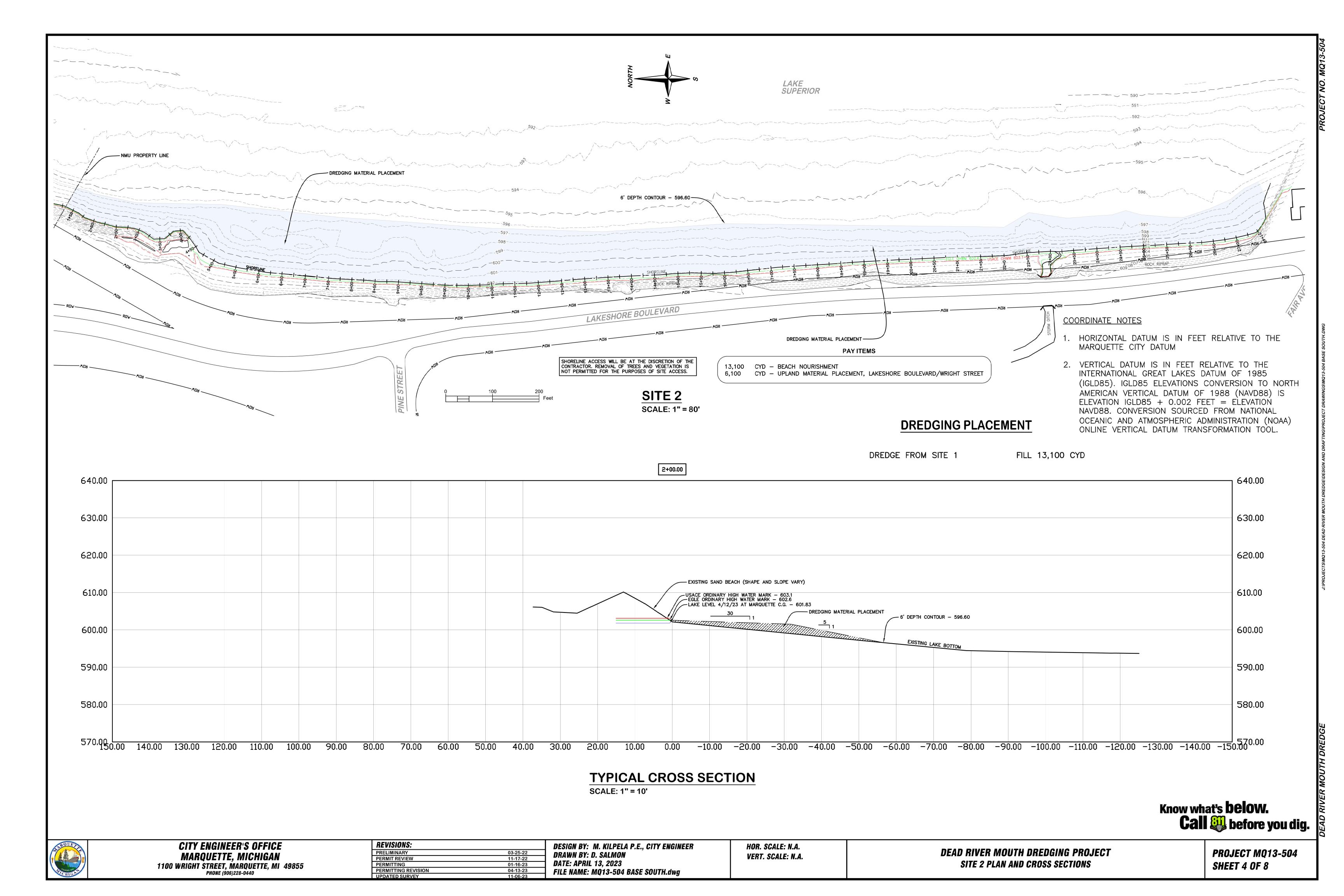
REVISIONS: PRELIMINARY
PERMIT REVIEW 03-25-22 11-17-22 01-16-23 04-13-23 11-06-23 PERMITTING
PERMITTING REVISION
UPDATED SURVEY

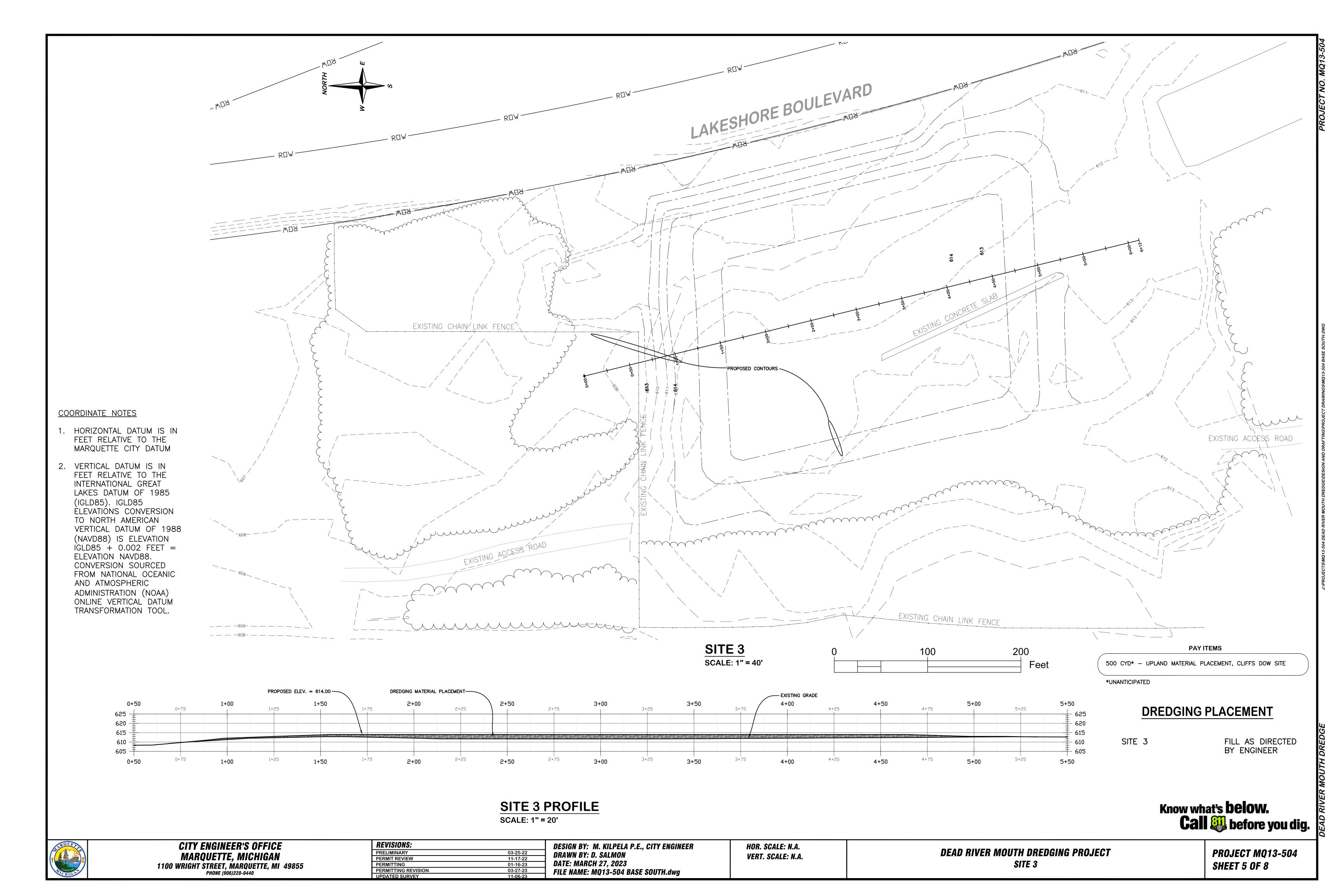
DESIGN BY: M. KILPELA P.E., CITY ENGINEER DRAWN BY: D. SALMON DATE: APRIL 13, 2023 FILE NAME: MQ13-504 BASE NORTH.dwg

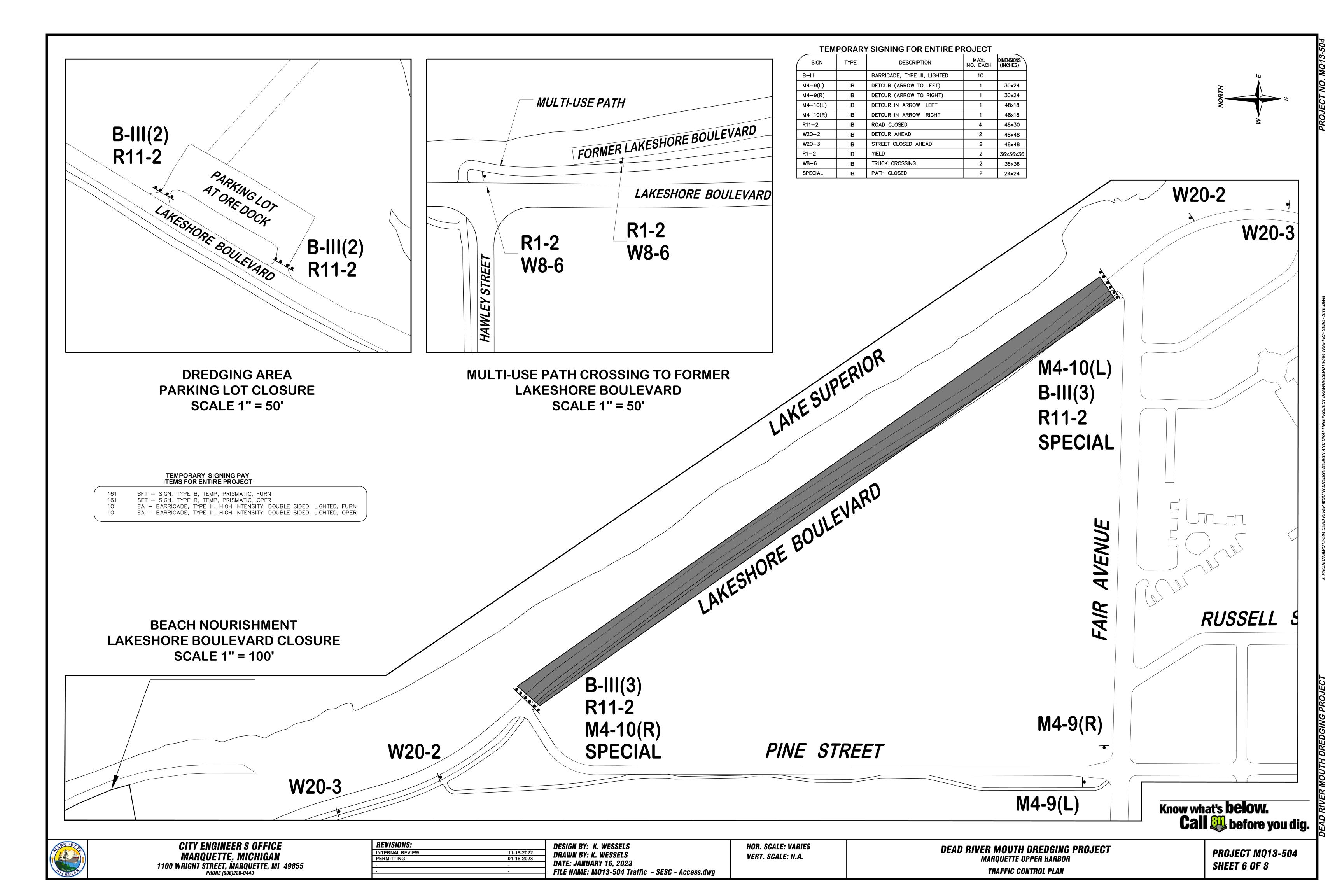
HOR. SCALE: 1" = 20' **VERT. SCALE:** 1" = 20'

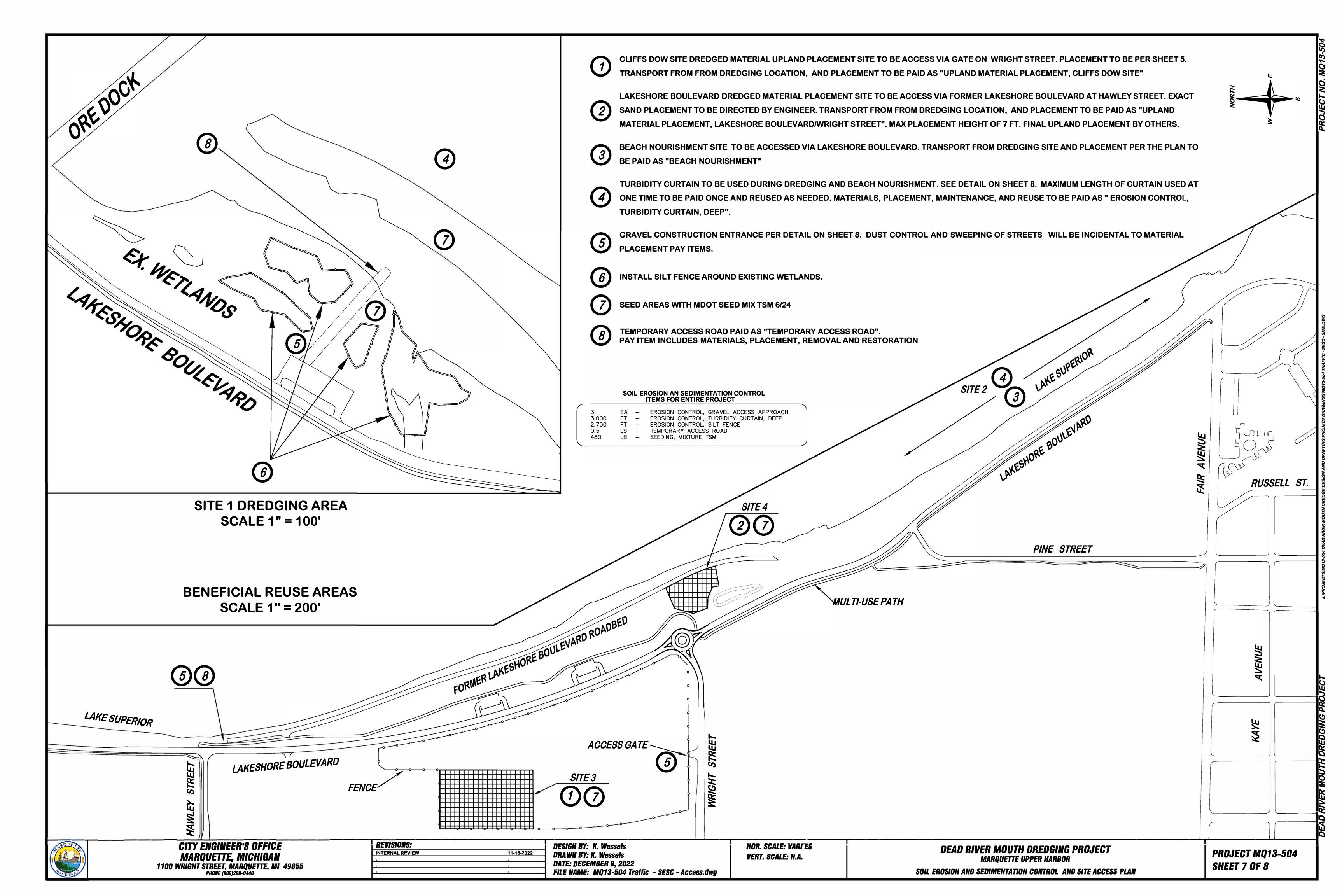
DEAD RIVER MOUTH DREDGING PROJECT SITE 1 CROSS SECTIONS

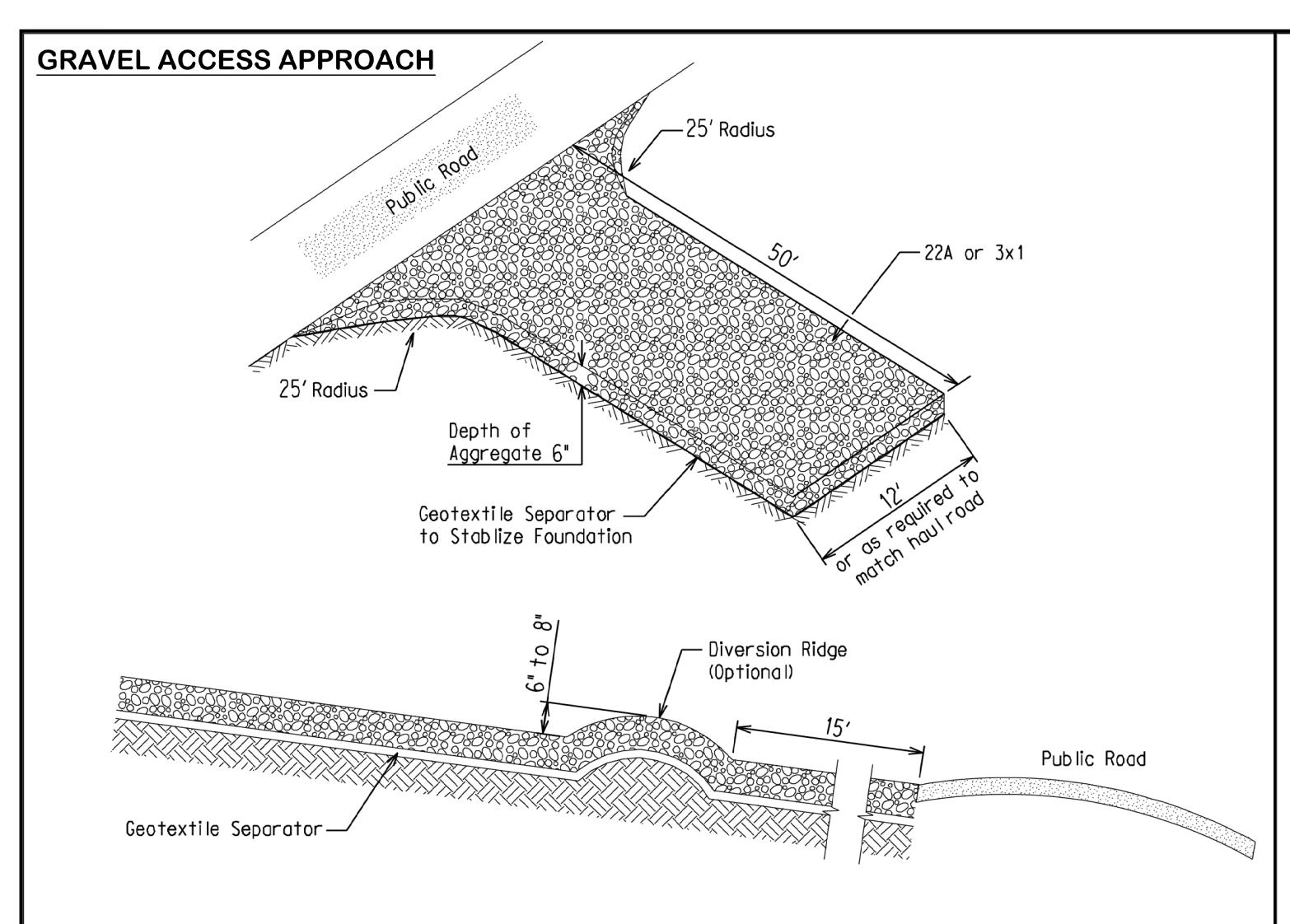
PROJECT MQ13-504 SHEET 3 OF 8











Use:

Providing a stable Gravel Access Approach, minimizes the tracking of loose materials from the construction site onto public roadways. Coarser aggregate is more effective in reducing tracking. Any materials tracked onto public roadways shall be removed as specified in the Standard Specifications for Construction, or as directed by the Engineer.

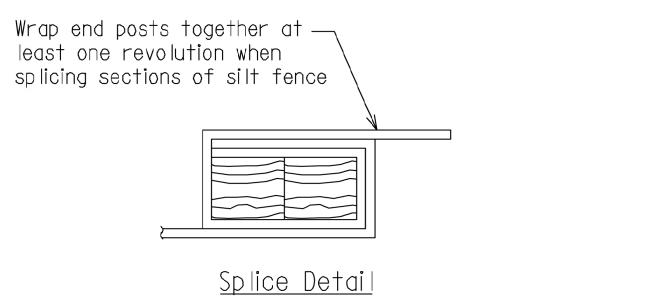
Installation and maintenance of Gravel Access Approach is effective in reducing sediment loading to inlet protection devices.

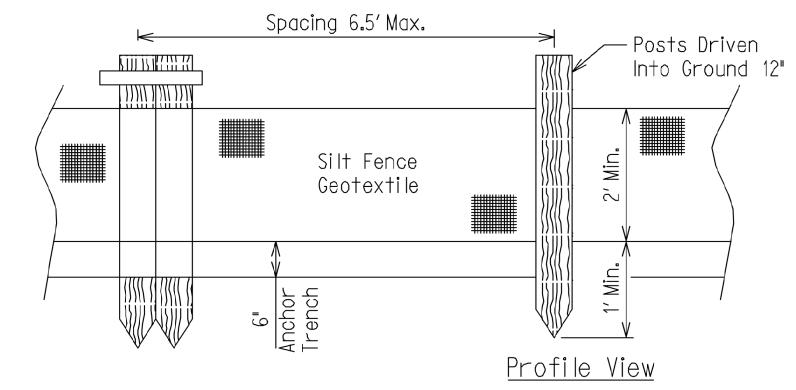
Installation and Maintenance:

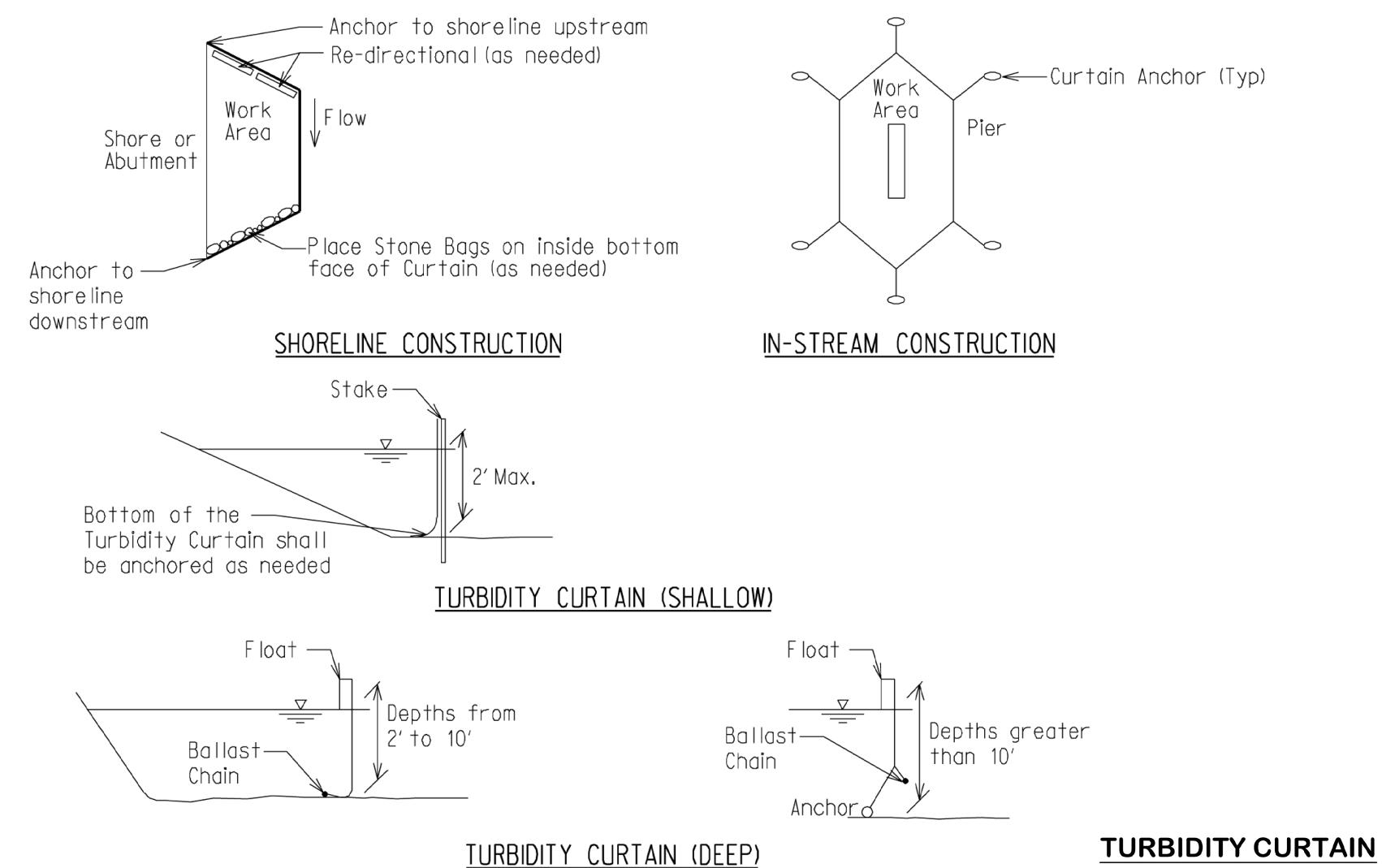
The Gravel Access Approach should be located in accordance with the plans or as directed by the Engineer. All vegetation and other objectionable material shall be removed from the foundation area. Geotextile Separator must be placed beneath the aggregate to stabilize the foundation.

Replace or replenish aggregate if it is no longer preventing tracking.

SILT FENCE





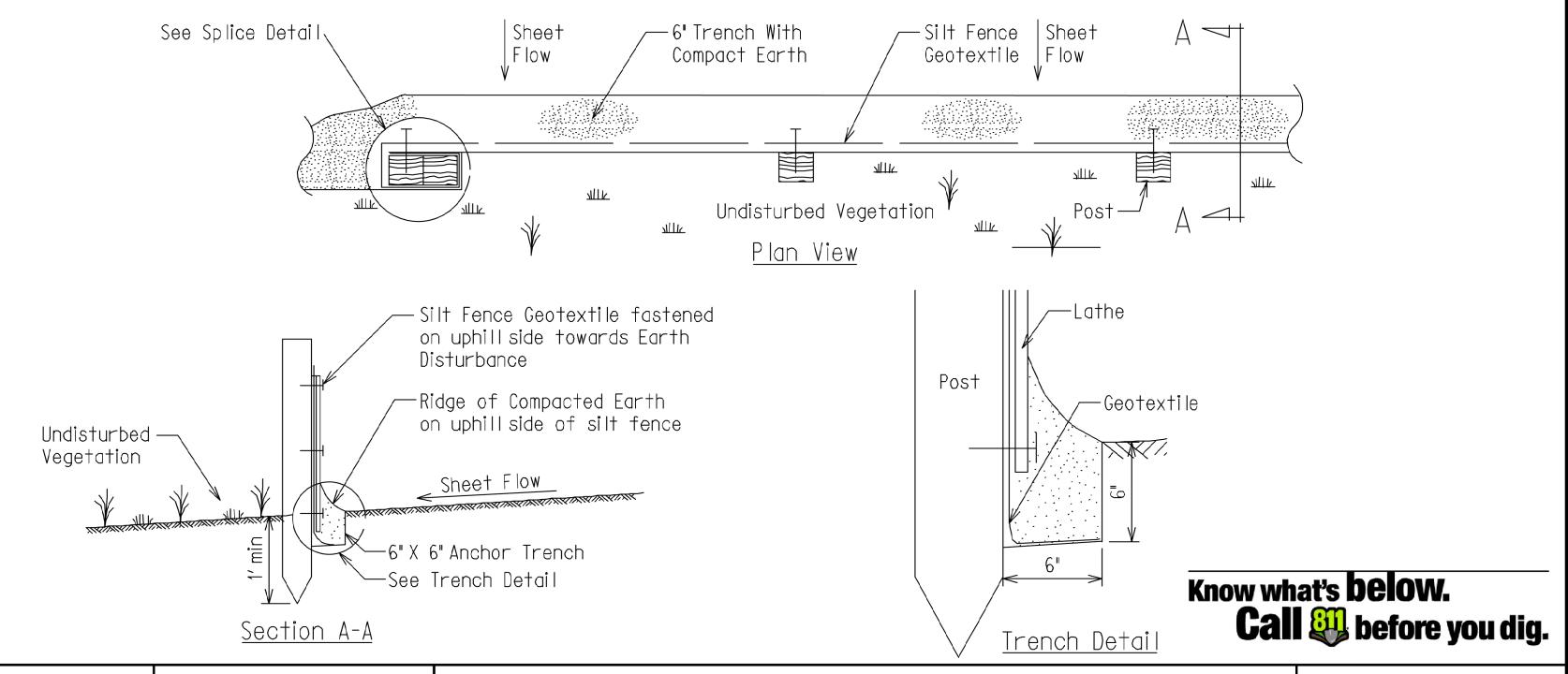


Use:

A Turbidity Curtain is used when slack water area is necessary to isolate construction activities from the watercourse.

The Turbidity Curtain system shall be designed to handle site specific drainage or flow patterns.

When water is less than 2 feet deep and has low flow, Turbidity Curtain (Shallow) may be used. Curtain shall be securely fastened to stakes. Water greater than 2 feet deep or where high flow exists requires the use of Turbidity Curtain (Deep).





CITY ENGINEER'S OFFICE
MARQUETTE, MICHIGAN
1100 WRIGHT STREET, MARQUETTE, MI 49855
PHONE (906)228-0440

DESIGN BY: K. WESSELS DRAWN BY: K. WESSELS DATE: DECEMBER 8, 2022 FILE NAME: MQ13-504 Traffic - SESC - Access.dwg

HOR. SCALE: N.A. VERT. SCALE: N.A.

DEAD RIVER MOUTH DREDGING PROJECT

MARQUETTE UPPER HARBOR

SOIL EROSION AND SEDIMENTATION CONTROL DETAILS

PROJECT MQ13-504 SHEET 8 OF 8