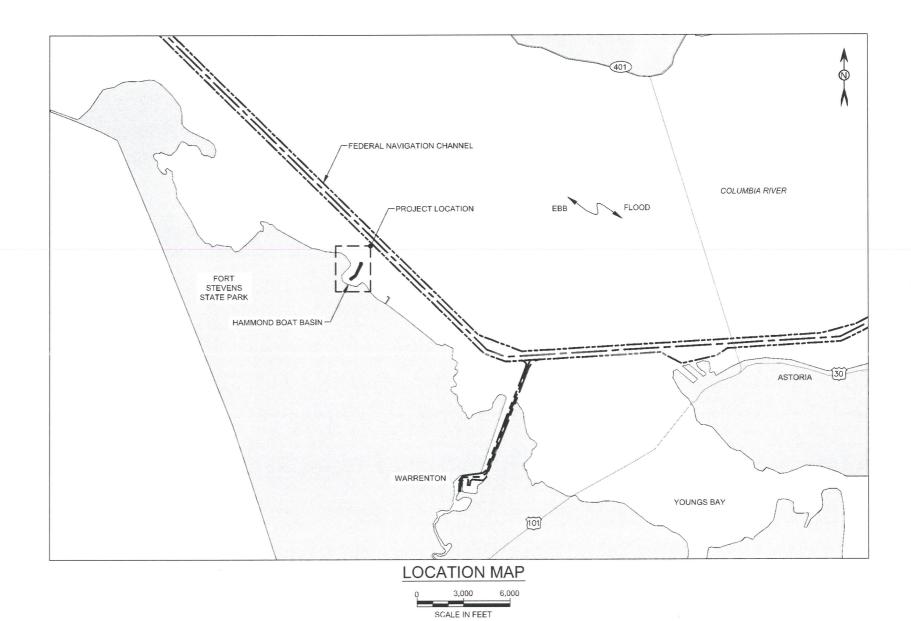
CITY OF WARRENTON

HAMMOND BOAT BASIN MAINTENANCE DREDGING



SHEET INDEX					
SHEET NO.	TITLE				
1	VICINITY MAP				
2	GENERAL NOTES				
3	EXISTING SITE PLAN				
4	DREDGE PRISM PLAN				
5	IN-WATER DISPOSAL SITE PLAN				
6	SECTIONS 1				



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City of Warrenton Hammond Boat Basin Maintenance Dredging

VICINITY MAP

GENERAL NOTES

- ALL DIMENSIONS IN FEET
- SPECIAL CARE TO BE TAKEN TO AVOID DAMAGE TO EXISTING MOORAGE STRUCTURES, PILING, BOAT LAUNCH, AND FLOATS. EXISTING STRUCTURE LOCATIONS SHOWN ARE APPROXIMATE AND EXACT LOCATION SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION BIDDING.
- CONTRACTOR IS RESPONSIBLE FOR DAMAGE TO ANY EXISTING STRUCTURES WITHIN THE PROJECT SITE INCLUDING, BUT NOT LIMITED TO, EXISTING MOORAGE STRUCTURES, PILING, BOAT LAUNCH, AND FLOATS
- 4. UNDERGROUND IMPROVEMENTS, PIPELINES, AND/OR UTILITIES WERE NOT LOCATED AND ARE NOT SHOWN ON THE PLANS. CONTRACTOR IS RESPONSIBLE FOR FIELD LOCATION, VERIFICATION, AND MARKING OF ALL UNDERGROUND UTILITIES PRIOR TO THE START OF ANY CONSTRUCTION ACTIVITY.
- WORK AREA LIMITS ARE SHOWN HEREIN AND ARE DEFINED AS: THE INTERSECTION OF THE AWARDED DREDGE AREA TEMPLATE WITH THE EXISTING GROUND SURFACE.
 - b. UPLAND AREAS NECESSARY TO ACCESS THE DREDGE SITE.
- C. DISPOSAL AREA.
 OPERATION, TRANSIT OR STAGING OF CONSTRUCTION EQUIPMENT AND PLACEMENT OR STOCK PILING OF MATERIALS SHALL BE CONDUCTED WITHIN THE WORK AREA LIMITS. TO THE EXTENTS ALLOWED AND DEFINED BY THESE CONTRACT DRAWINGS AND TECHNICAL SPECIFICATIONS.
- IF ADDITIONAL STAGING AREA SPACE IS REQUIRED, IT IS THE CONTRACTORS RESPONSIBILITY TO ACQUIRE NECESSARY EASEMENTS AND AGREEMENTS AND COORDINATE USAGE AND ACCESS OF SUCH SPACES.
- THE CONTRACTOR SHALL NOT PLACE EQUIPMENT, STOCKPILE DREDGED MATERIAL OR ANY OTHER MATERIALS OUTSIDE THE WORK AREA LIMITS.
 FLUCTUATIONS IN WATER LEVEL, CURRENTS, AND WAVES AT THE PROJECT
- SITE OCCUR ON A DAILY BASIS. THE CONTRACTOR IS RESPONSIBLE FOR UTILIZING EQUIPMENT AND METHODS APPROPRIATE FOR THE CONDITIONS AT THE TIME OF CONSTRUCTION.
- 10. SEDIMENTS CHARACTERIZATION. SEE TECHNICAL SPECIFICATION FOR MATERIAL CHARACTERIZATION.

SURVEY NOTES

- SURVEY CONTROL:
 - a. VERTICAL DATUM; ALL ELEVATIONS ARE IN MEAN LOWER LOW WATER (MLLW), U.S. SURVEY FEET.
 b. HORIZONTAL DATUM: OREGON STATE PLANE NORTH, NAD83, U.S.
- SURVEY FEET.
- ELEVATIONS, CONTOURS, AND BOUNDARIES SHOWN ARE BASED ON:
 SURVEY PERFORMED BY SOLMAR HYDRO ON 01-24-2018 (MM-DD-YYYY).
 - CONDITIONS AT THE PROJECT SITE ELEVATIONS ARE DYNAMIC AND HAVE LIKELY CHANGED SINCE THE TIME OF THE SURVEY.
- 3. THE SURVEY DATA CAN ONLY BE CONSIDERED REPRESENTATIVE OF THE CONDITIONS AT THE TIME THE SURVEY WAS TAKEN. CONTRACTOR TO CONDUCT A PRE/POST DREDGE SURVEY BY A LICENSED PROFESSIONAL LAND SURVEYOR. CONTRACTOR TO FIELD VERIFY LOCATION OF DREDGING AREAS RELATED TO EXISTING STRUCTURES PRIOR TO START OF DREDGING WORK.

DREDGING AND DISPOSAL (PLACEMENT)

- 1. DISPOSAL OF DREDGE MATERIAL AT THE IN-WATER DISPOSAL SITE IS RESTRICTED TO EBB-TIDE FLOW
- 2. DREDGING BELOW THE OVERDREDGE ALLOWANCE INDICATED ON THE CONTRACT PLANS IS CONSIDERED EXCESSIVE DREDGING, EXCESSIVE DREDGING AND DREDGING OUTSIDE OF THE 2019 DREDGE BOUNDARY IS NOT PERMITTED AND WILL NOT BE COMPENSATED.

 3. THE CONTRACTOR SHALL CONDUCT PLACEMENT OF DREDGED MATERIAL AT
- THE IN-WATER DISPOSAL SITE IN A MANNER TO MEET THE WATER QUALITY PERMIT REQUIREMENTS AND NOT EXCEED THE GEOMETRIC LIMITS SHOWN.

ABBREVIATIONS

BENCHMARK BOTTOM OF B.O. CENTERLINE CUBIC YARDS EACH FA **ELEVATION** EL EXISTING I.E. (E) RAMP FEET HIGH TIDE LEVEL MLW MEAN LOW WATER MINIMUM MIN MAXIMUM NAV N.I.C. NAVIGATION NOT IN CONTRACT O.C. ON CENTER OHW ORDINARY HIGH WATER

TOP OF T.O. TYP. **TYPICAL** MP WORKING POINT @ MINUTES OR FEET SECONDS OR INCHES

LEGEND





EXISTING RIPRAP



EXISTING PILE

BUOY



CONSTRUCTION NOTE



FLOAT IDENTIFICATION



GROUND PHOTO



GROUND PHOTO 1



GROUND PHOTO 2



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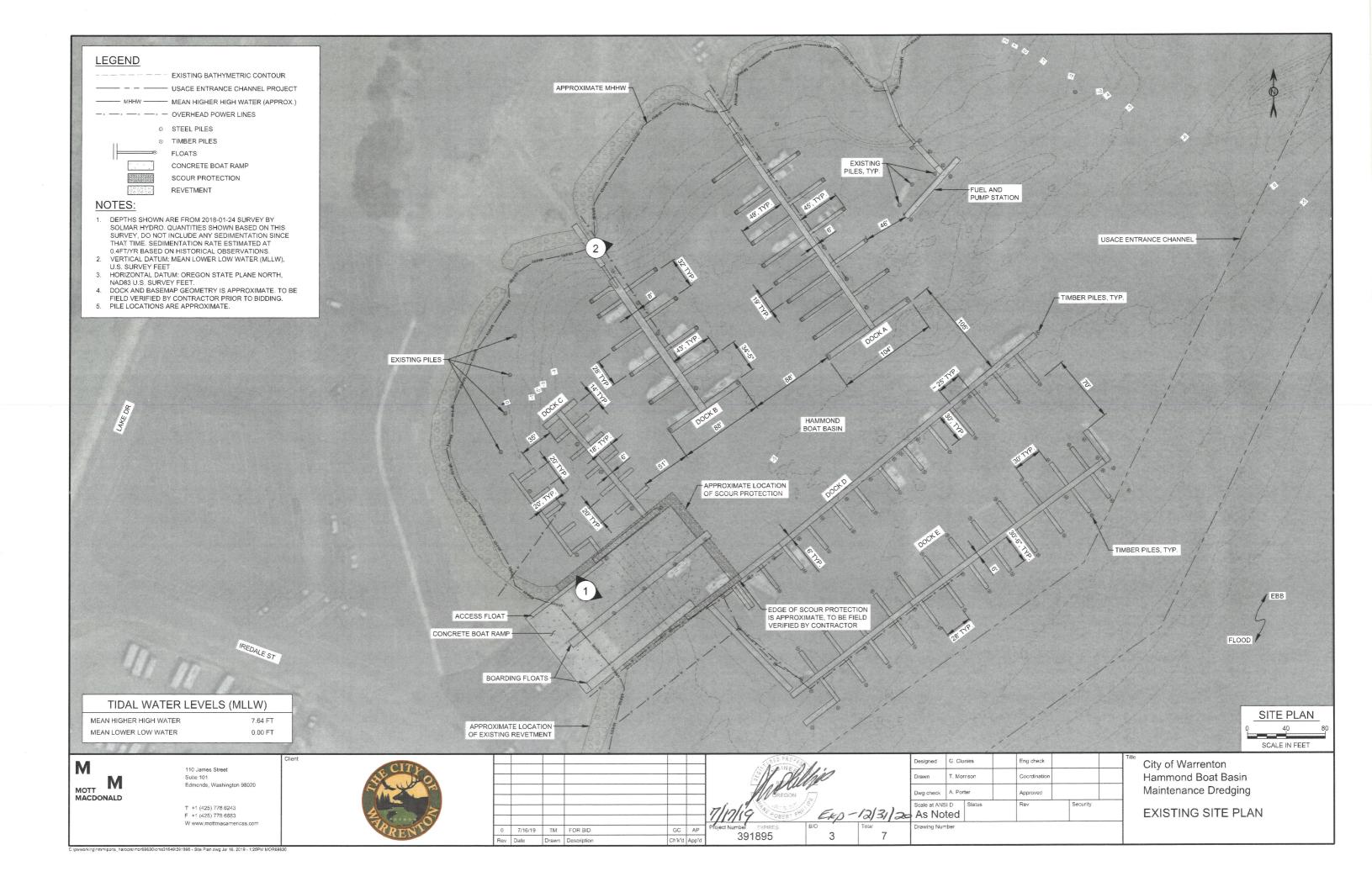
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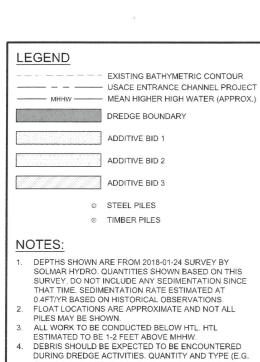
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City of Warrenton Hammond Boat Basin Maintenance Dredging

GENERAL NOTES





- SOLMAR HYDRO. QUANTITIES SHOWN BASED ON THIS SURVEY, DO NOT INCLUDE ANY SEDIMENTATION SINCE
- DURING DREDGE ACTIVITIES. QUANTITY AND TYPE (E.G. CHAIN, ROPE, ANCHOR, ETC.) IS ANTICIPATED TO BE TYPICAL OF AN ACTIVE MARINA.
- DO NOT DISTURB TOE OF CONCRETE BOAT LAUNCH OR SCOUR PROTECTION. CONTRACTOR TO PROBE TO LOCATE EDGE OF BOAT LAUNCH SCOUR PROTECTION. DREDGING AT THE BOAT RAMP IS PERMITTED DOWN TO THE MAXIMUM OF THE FOLLOWING ELEVATIONS: A) EXISTING BOAT RAMP ELEVATIONS
 - B) -8.0 FT MLLW
- CONTRACTOR TO VERIFY LOCATIONS OF DREDGE LIMITS RELATIVE TO DOCKS. IF ADJUSTMENTS ARE REQUIRED TO ALIGN WORKING AREAS WITH DOCKS, CONTRACTOR SHALL VERIFY WITH OWNER PRIOR TO CONSTRUCTION.
- SPECIAL CARE IS NECESSARY TO DREDGE FROM TOP OF SLOPE DOWN TO PROTECT UPPER SLOPE.
- 3-1/2" CORPS OF ENGINEERS-U.S. ARMY BRASS CAP MARKED "HAM-BAY 1971" IN 8" X 10" CONCRETE BLOCK, TOP 2" BELOW GROUND. AN ORANGE CARSONITE GUARD POST IS 2.8' WEST. MONUMENT IS SHOWN ON MAP B-6940 HELD FOR BASIS OF BEARINGS. N: 942845.263 E: 7328550.855
- UPLAND STAGING AREA TO BE COORDINATED WITH CITY OF WARRENTON, IF REQUIRED.

DREDGING	APPROXIMATE
BID UNIT	VOLUME (CY)
BASE BID	30,000
ADDITIVE BID 1	6,500
ADDITIVE BID 2	13,800
ADDITIVE BID 3	7,500

TIDAL WATER LEVELS (MLLW)

MEAN HIGHER HIGH WATER MEAN LOWER LOW WATER

M

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7.64 FT 0.00 FT

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DREDGE PRISM PLAN

BID UNIT

BASE BID

ADDITIVE BID 1

ADDITIVE BID 1

ADDITIVE BID

ADDITIVE BID 1

ADDITIVE BID 1

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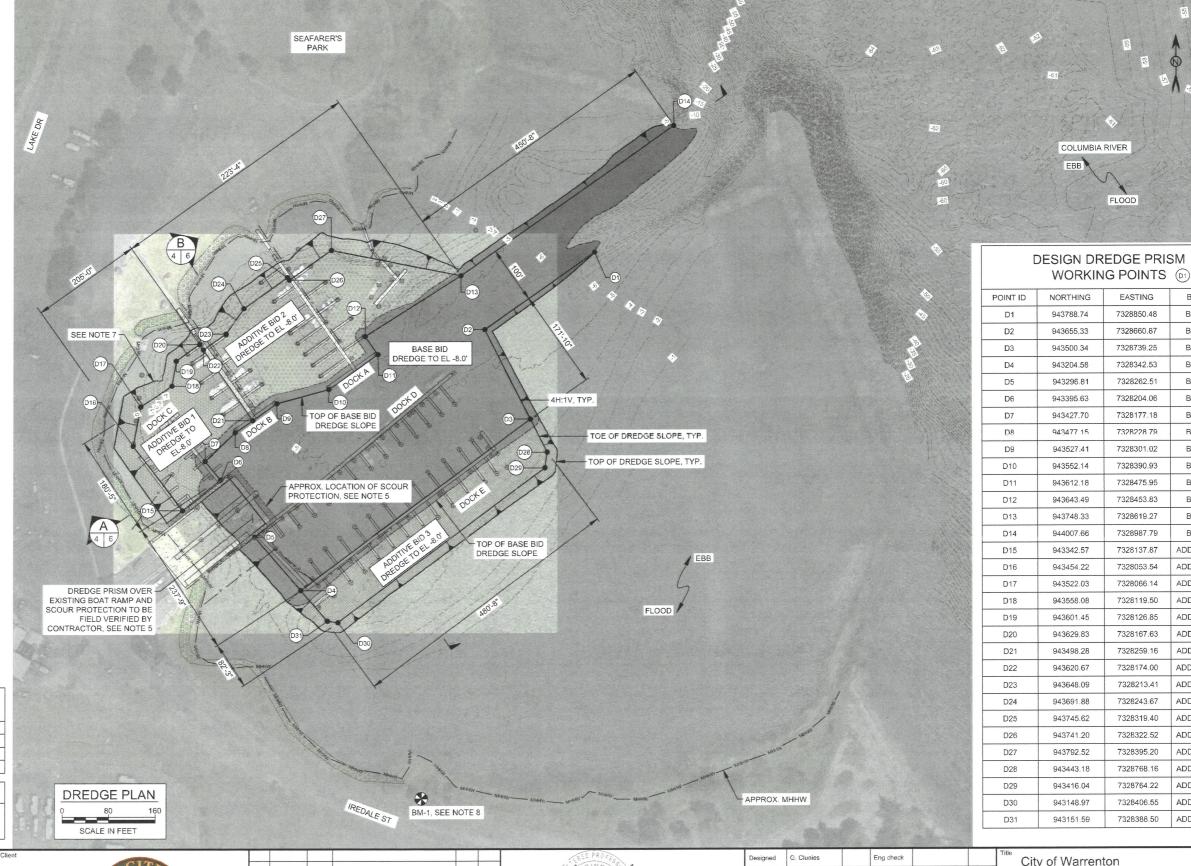
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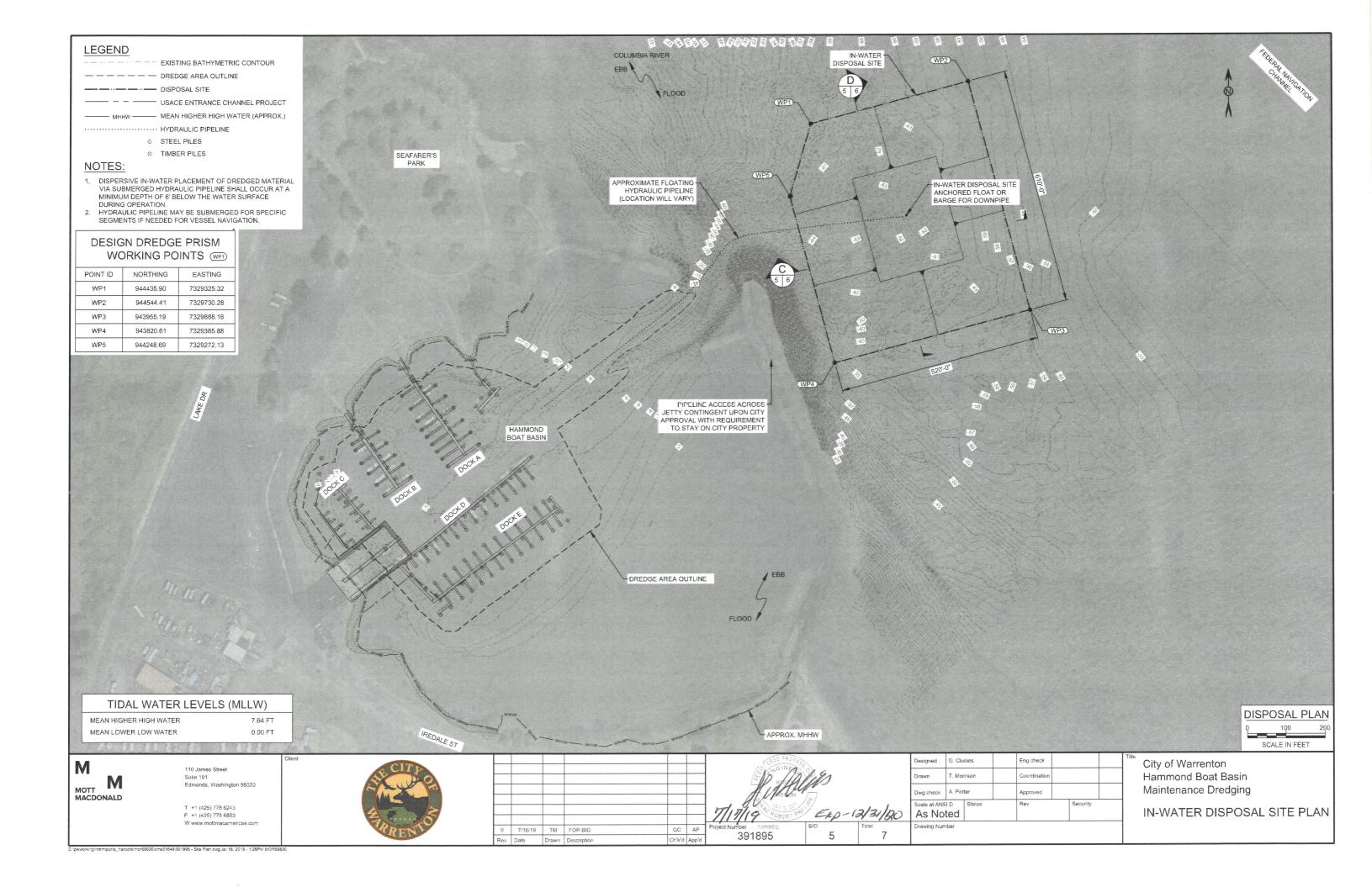
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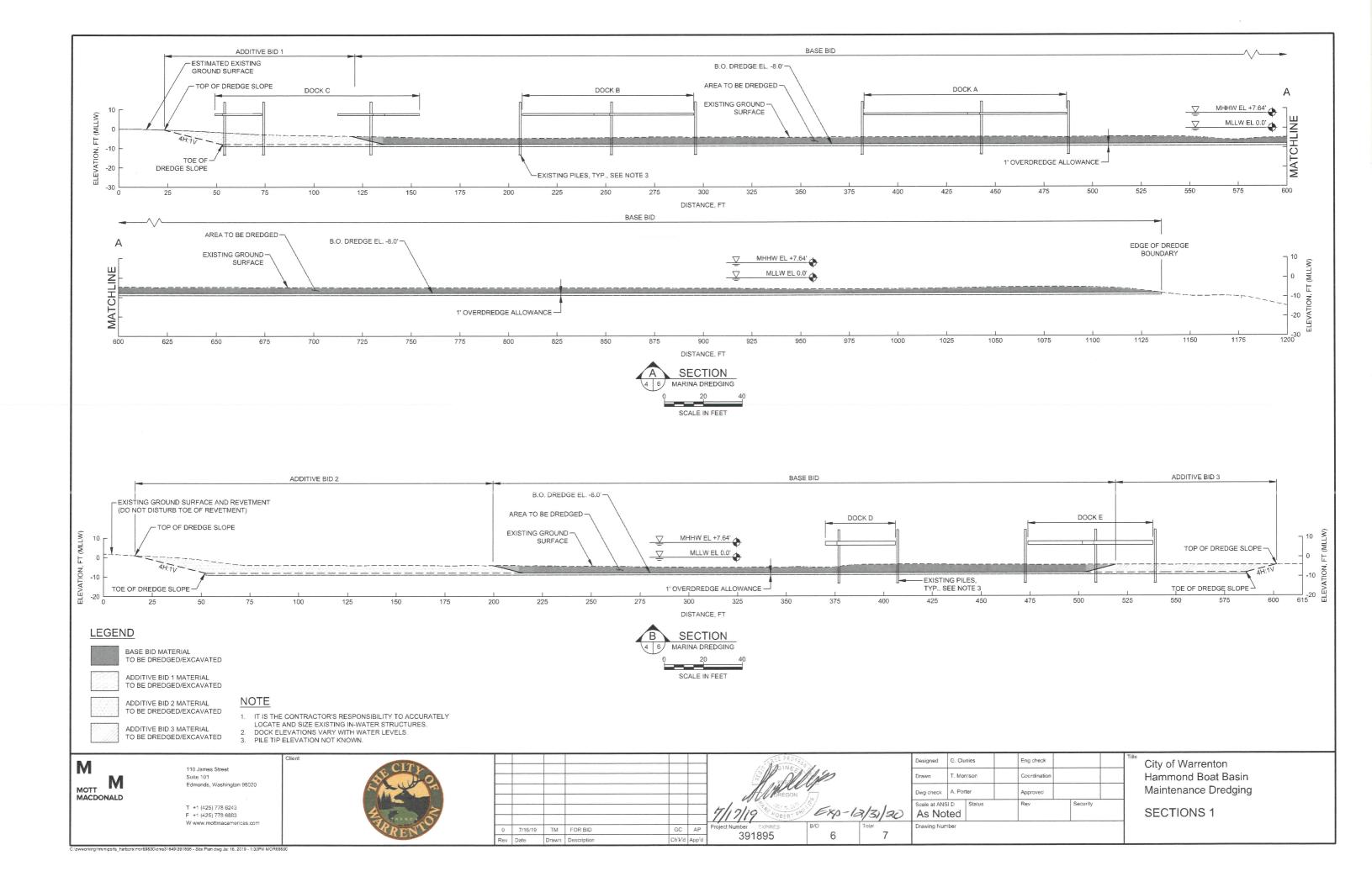
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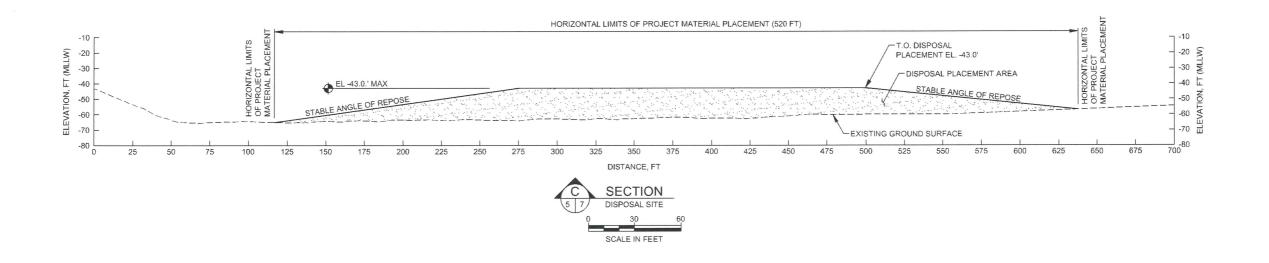
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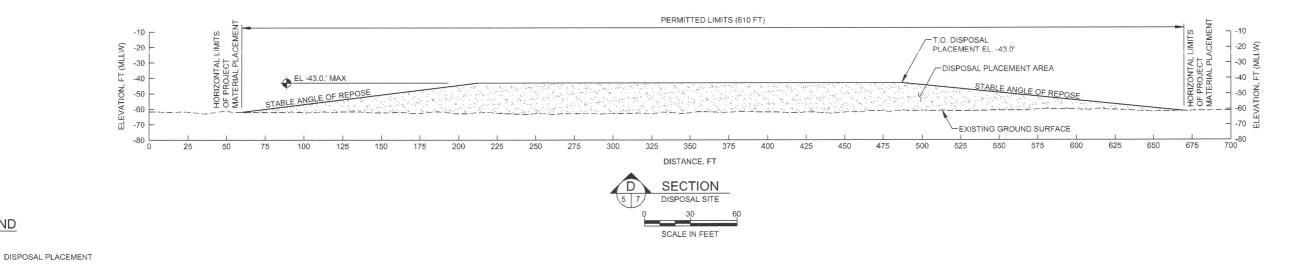


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LEGEND

1. NO DREDGE MATERIAL SHALL BE PLACED OUTSIDE THE PERMITTED PLACEMENT AREA.
2. NO DREDGE MATERIAL SHALL BE PLACED ABOVE THE PERMITTED LIMITS ELEVATION OF -43.0'.

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SECTIONS 2