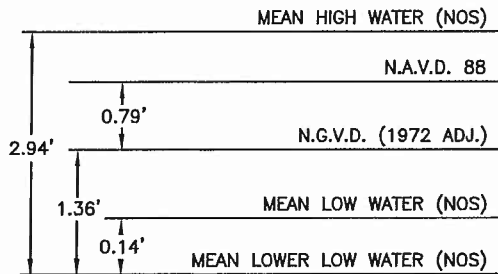


LAT: 36.862140  
 LONG: -76.312499

**SITE LOCATION**

PORTSMOUTH, VIRGINIA

**DIAGRAM OF DATUM PLANE**



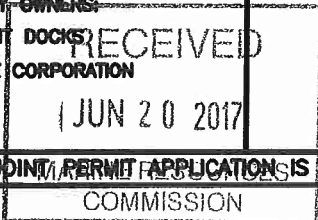
**NOTES:**

1. SOUNDINGS WERE TAKEN USING A SINGLE BEAM & MULTIBEAM SONAR OPERATING AT 208KHz & 200KHz ON FEBRUARY 17 & OCTOBER 23 & 24, 2016.
2. SOUNDINGS ARE IN FEET REFERRED TO MEAN LOW WATER (MLW) BASED ON NATIONAL OCEAN SERVICES (NOS).
3. PROJECT BENCHMARK IS A BRASS DISK: " STATION TERMINAL 22" ELEVATION= 8.76' ABOVE NOS MLW.
4. COORDINATES ARE IN FEET REFERRED TO VIRGINIA STATE GRID (SOUTH ZONE) BASED ON NAD83.

PURPOSE: PRIVATE  
 DATUM: N.O.S. MLW=0.0'

ADJACENT PROPERTY OWNERS:

- ① LAMBERT'S POINT DOCKS
- ② METRO MACHINE CORPORATION



**LOCATION MAP**

PREPARED BY:

*Waterway*  
 Surveys & Engineering, Ltd.  
 Virginia Beach, Virginia

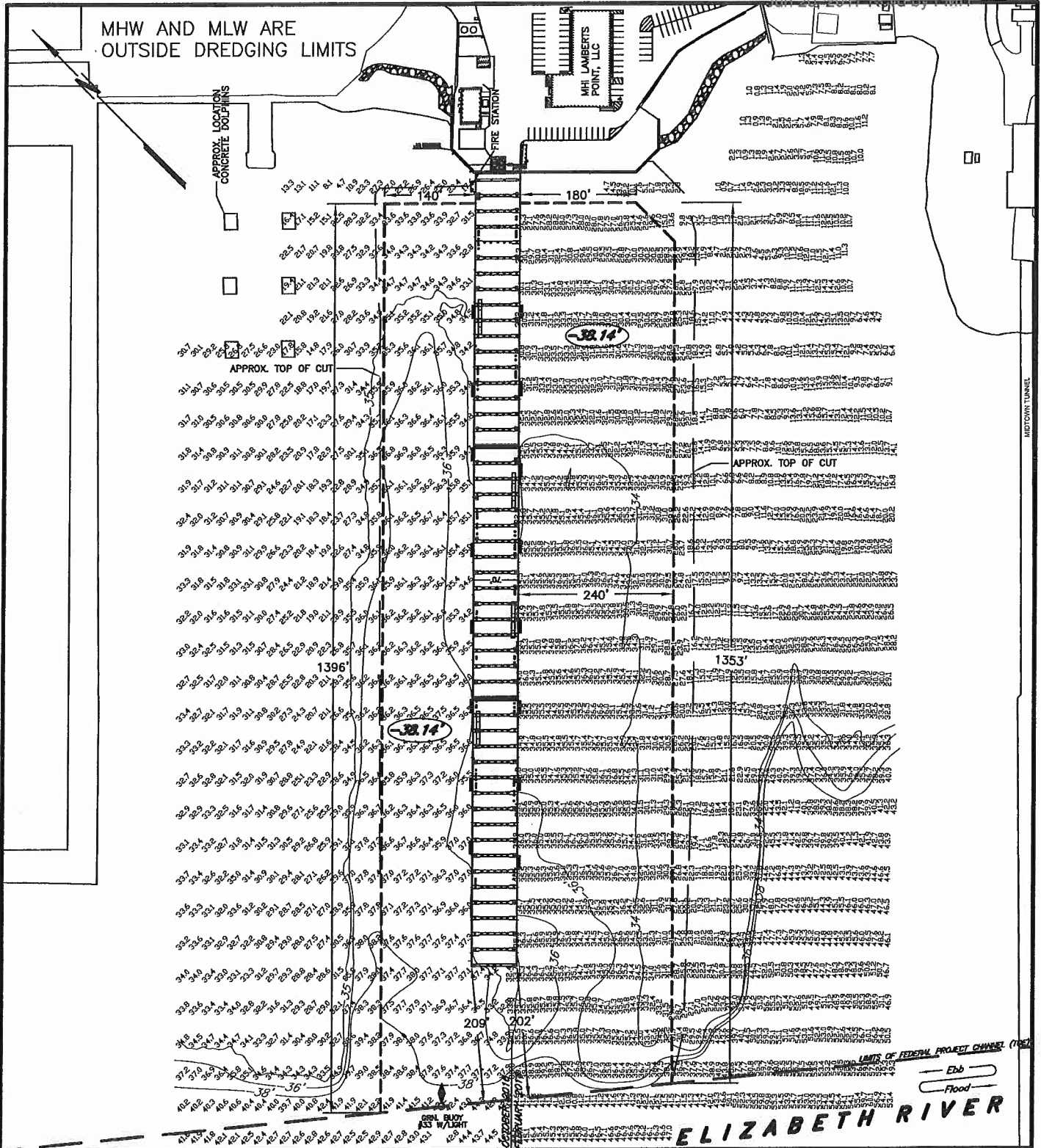
**PROPOSED DREDGING**

IN: SOUTHERN BRANCH ELIZABETH RIVER  
 CITY: NORFOLK STATE: VIRGINIA

APPLICATION BY: MARINE HYDRAULICS INTERNATIONAL  
 SCALE: 1"=1,000' DATE: JUNE 19, 2017  
 SHEET 1 OF 3

5383-00-22-01

**DISCLAIMER: JOINT PERMIT APPLICATION IS NOT FOR CONSTRUCTION. TO BE USED FOR PERMITTING PURPOSES ONLY.**



PURPOSE: PRIVATE  
 DATUM: N.O.S. MLW=0.0'  
 ADJACENT PROPERTY OWNERS:  
 ① LAMBERT'S POINT DOCKS  
 ② METRO MACHINE CORPORATION

**PLAN VIEW**

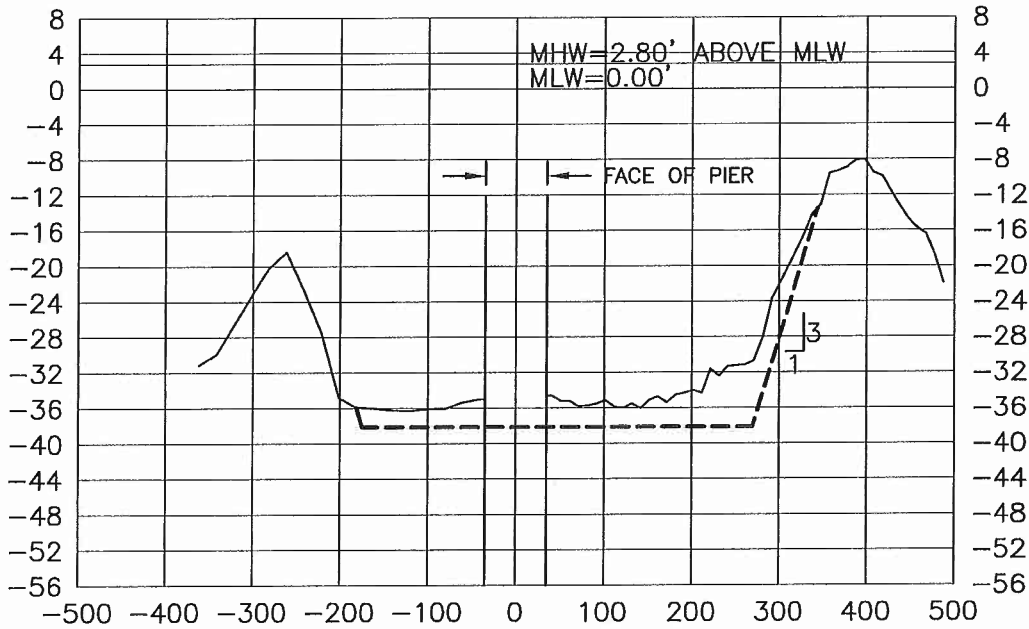
PREPARED BY:

*Waterway*  
 Surveys & Engineering, Ltd.  
 Virginia Beach, Virginia

PROPOSED DREDGING  
 IN: SOUTHERN BRANCH ELIZABETH RIVER  
 CITY: NORFOLK STATE: VIRGINIA  
 APPLICATION BY: MARINE HYDRAULICS INTERNATIONAL  
 SCALE: 1"=200' DATE: JUNE 19, 2017  
 SHEET 2 OF 3

RECEIVED  
 JUN 20 2017  
 MARINE RESOURCES  
 COMMISSION

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RECEIVED  
 1 JUN 20 2017  
 MARINE RESOURCES  
 COMMISSION

PURPOSE: PRIVATE  
 DATUM: N.O.S. MLW=0.0'  
 ADJACENT PROPERTY OWNERS:  
 ① LAMBERT'S POINT DOCKS  
 ② METRO MACHINE CORPORATION

**TYPICAL SECTION**

PREPARED BY:  
*Waterway*  
 Surveys & Engineering, Ltd.  
 Virginia Beach, Virginia

PROPOSED DREDGING  
 IN: SOUTHERN BRANCH ELIZABETH RIVER  
 CITY: NORFOLK STATE: VIRGINIA  
 APPLICATION BY: MARINE HYDRALICS INTERNATIONAL  
 SCALE: H:1"=200' DATE: JUNE 19, 2017  
 V:1"=20'  
 SHEET 3 OF 3

5385-00-22-03

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