

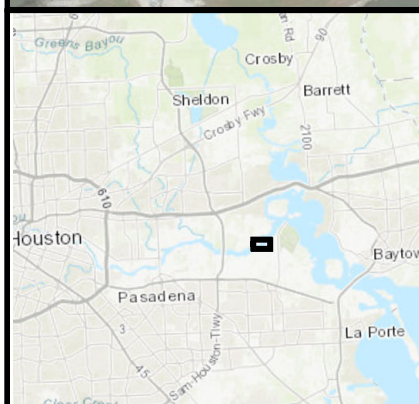
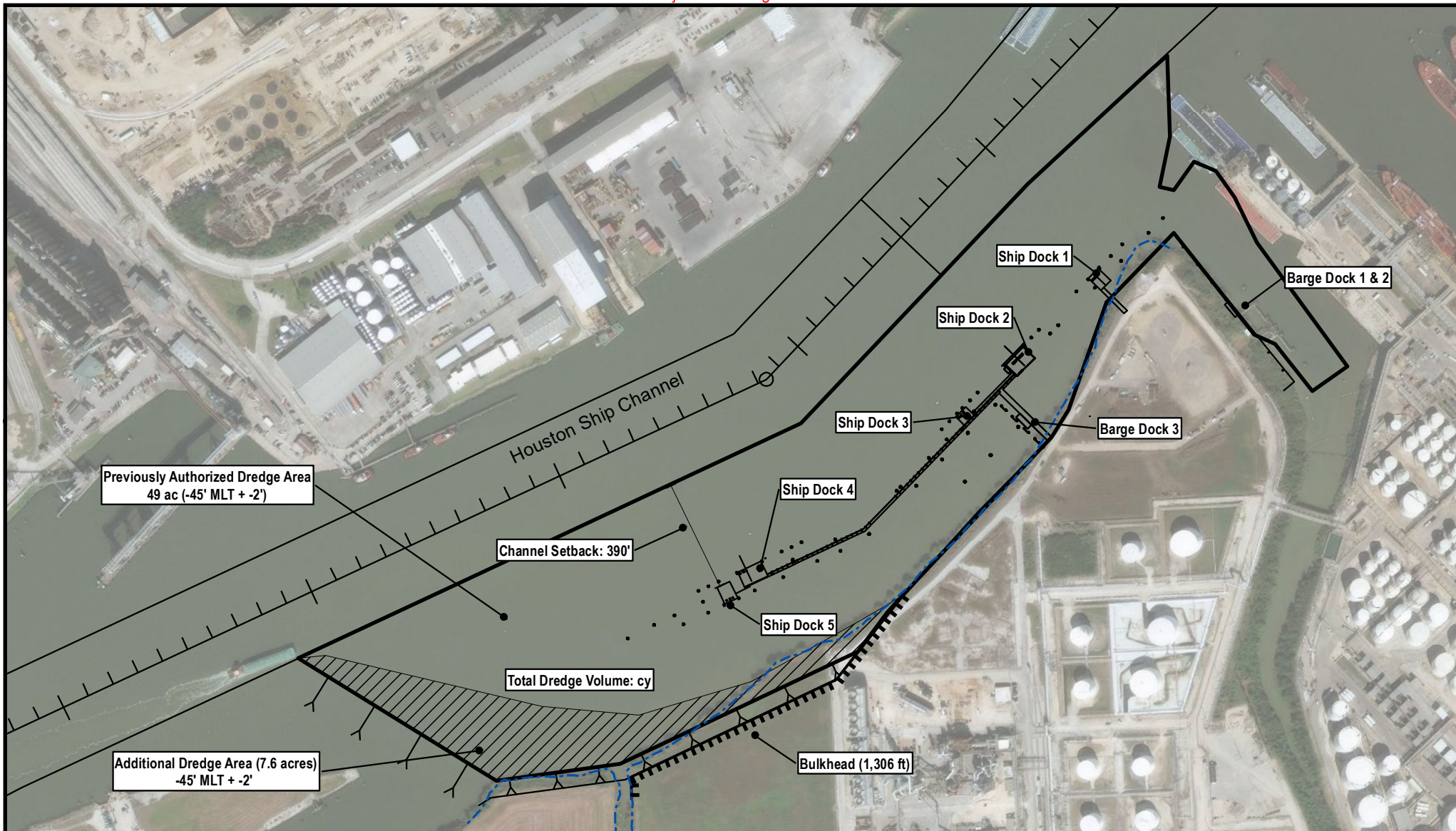
**SHEET 1:  
VICINITY MAP  
SWG-2013-00136**

Vopak Terminal Deer Park West, Inc.  
Houston Ship Channel  
Harris County, TX

Date: Mar 26, 2020  
Prepared By: CG  
Project: VMH  
1 inch = 800 feet

**LOYD**  
ENGINEERING, INC.





### Legend

- Existing MHW Line
- Proposed Bulkhead
- Modified Dredge Area
- Revised Dredge Boundary
- Proposed Ship Dock Layout



Coordinate System: NAD 1983 StatePlane  
 Texas South Central FIPS 4204 Feet  
 Projection: Lambert Conformal Conic  
 Datum: North American 1983  
 Units: Foot US  
 Basemap: Aerial Imagery, ESRI

0 250 500 1,000  
 Feet

### SHEET 2: PROPOSED MODIFICATIONS SWG-2013-00136

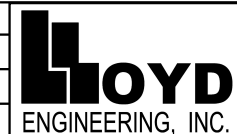
Vopak Terminal Deer Park West, Inc.  
 Houston Ship Channel  
 Harris County, TX

Date: May 07, 2020

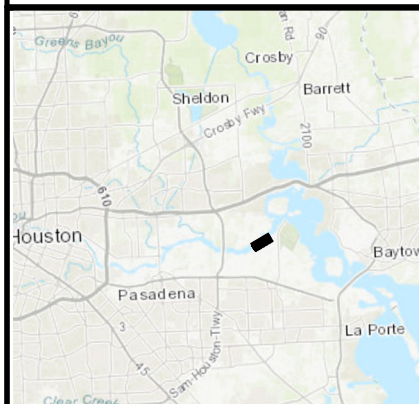
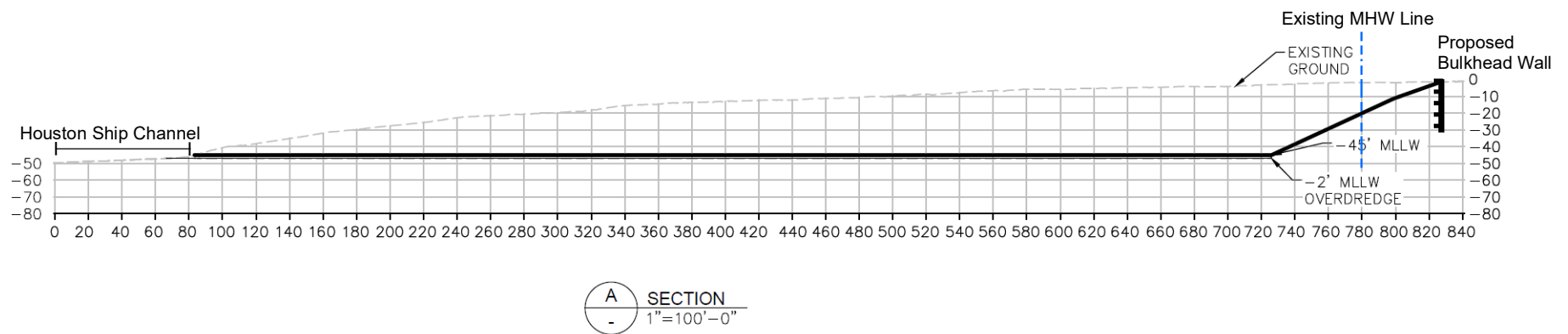
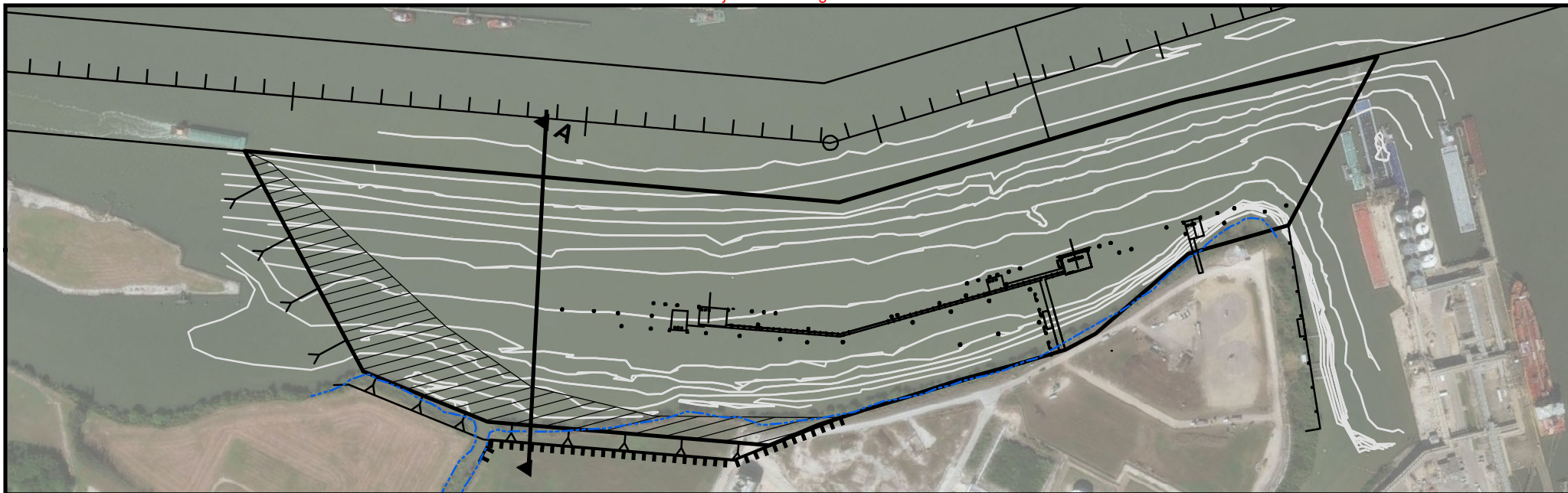
Prepared By: CG

Project: VMH

1 inch = 500 feet







### Legend

- Existing MHW Line
- Proposed Bulkhead
- Modified Dredge Area
- Revised Dredge Boundary
- Proposed Ship Dock Layout



Coordinate System: NAD 1983 StatePlane  
 Texas South Central FIPS 4204 Feet  
 Projection: Lambert Conformal Conic  
 Datum: North American 1983  
 Units: Foot US  
 Basemap: Aerial Imagery, ESRI

0 250 500 1,000  
 Feet

### SHEET 3: DREDGE CROSS SECTION PROPOSED MODIFICATIONS SWG-2013-00136

Vopak Terminal Deer Park West, Inc.  
 Houston Ship Channel  
 Harris County, TX

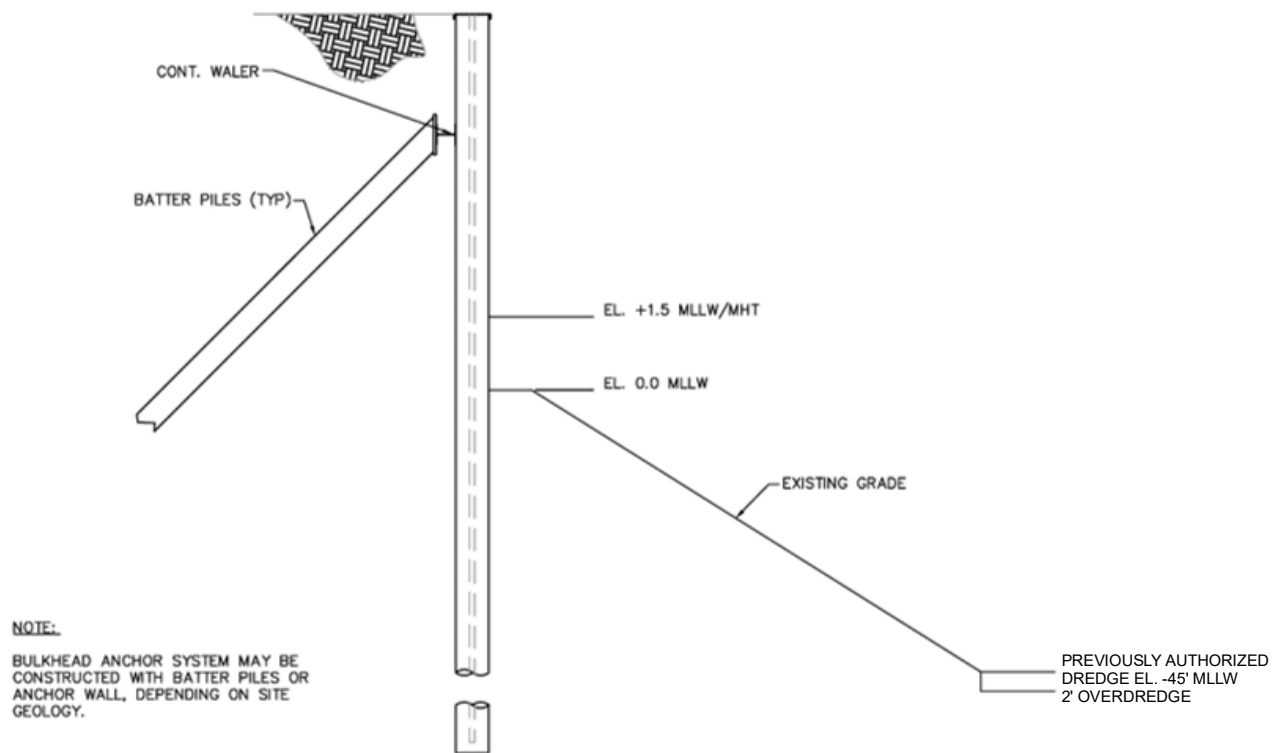
Date: Mar 30, 2020

Prepared By: CG

Project: VMH

1 inch = 500 feet





⊙ TYPICAL BULKHEAD SECTION  
SCALE: N.T.S.

1

**SHEET 4:  
BULKHEAD TYPICAL DESIGN  
SWG-2013-00136**

Vopak Terminal Deer Park West, Inc.  
Houston Ship Channel  
Harris County, TX

Date: Mar 30, 2020

Prepared By: CG

Project: VMH

**LLOYD**  
ENGINEERING, INC.