

**Exhibit A**

## Vicinity Map

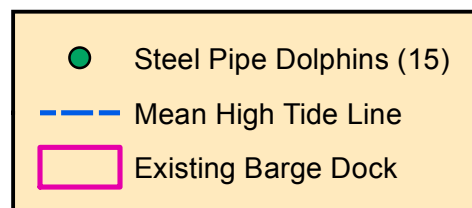
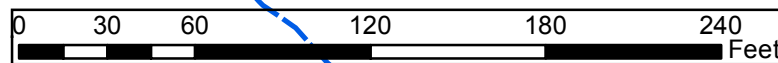
**LyondellBasell  
South Barge Dock  
Harris County, Texas**

Date: June 4, 2019

**SCHNEIDER**  
ENGINEERING & CONSULTING

323 23rd Street  
Galveston, Texas 77550  
281.925.6084 [www.schneiderrec.com](http://www.schneiderrec.com)





Existing Rip Rap  
Shoreline

245 feet

Breasting Line

Upper San Jacinto Bay

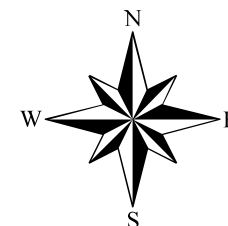
Loading Arm  
Platform  
50 ft x 10 ft

Safety Catwalk  
125 feet

Working Platform  
with Loading Arms  
40 ft x 40 ft

Access Trestle  
125 feet

According to historic aerials, it appears that the existing barge dock has been in use since at least the late 1970's. Original impacts to waters of the U.S. due to the fill of the shoreline rip rap stabilization most likely occurred at the time of original construction. There will be no additional impacts associated with the maintenance dredging. For this reason, no compensatory mitigation is proposed at this time.



Date: June 4, 2019

**Exhibit B**

**Plan View**

**LyondellBasell Accetyls, LLC**  
**South Dock**  
**SWG-2000-02041**  
**Harris County, Texas**

**SCHNEIDER**  
 ENGINEERING & CONSULTING

323 23rd Street  
 Galveston, Texas 77550  
 281.925.6084 [www.schneiderec.com](http://www.schneiderec.com)



**Exhibit C-1**

**Dredge Footprint**

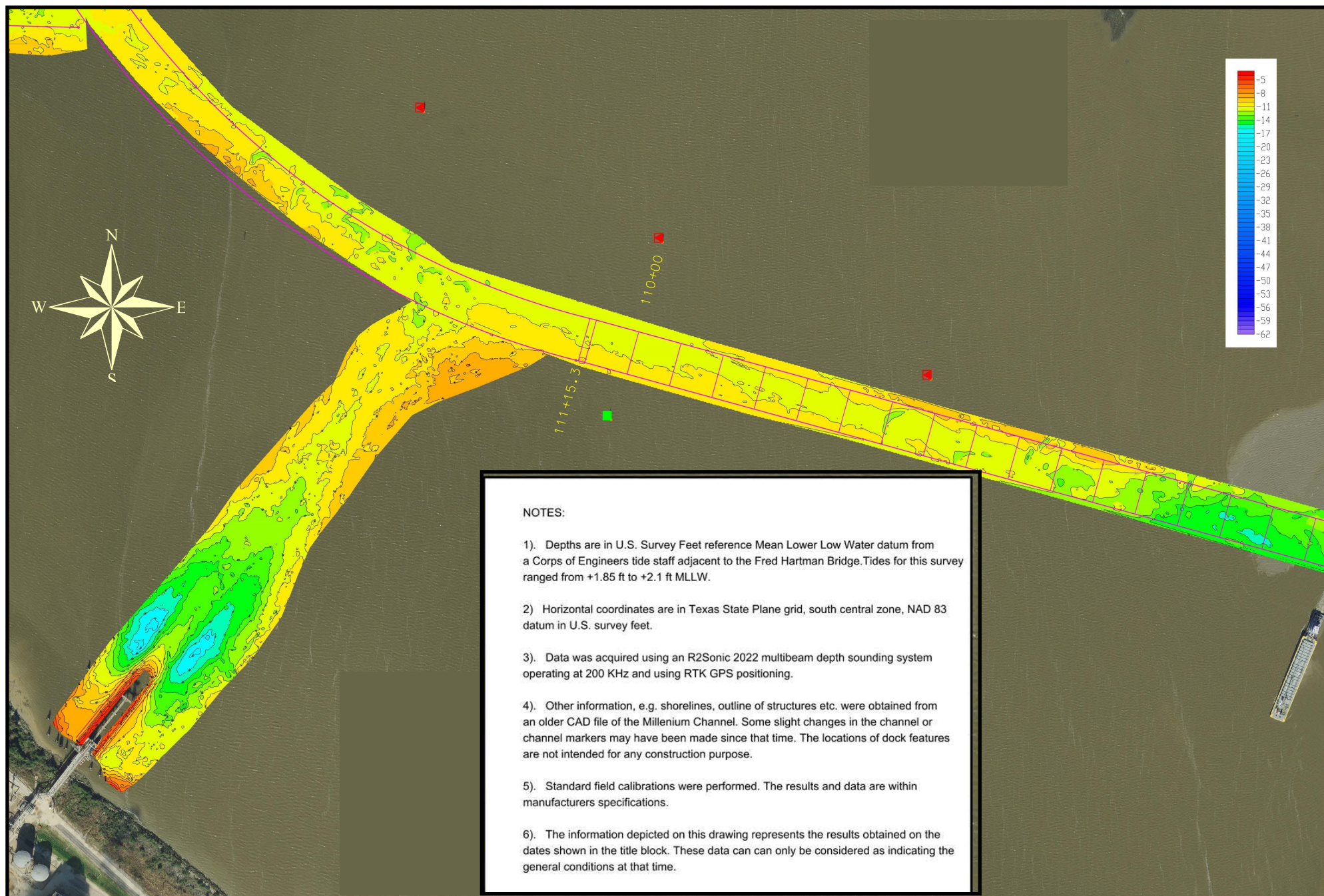
**LyondellBasell Accetyls, LLC**  
**South Dock**  
**SWG-2000-02041**  
**Harris County, Texas**

**SCHNEIDER**  
 ENGINEERING & CONSULTING  
 323 23rd Street  
 Galveston, Texas 77550  
 281.925.6084 [www.schneiderrec.com](http://www.schneiderrec.com)



## Exhibit C-2

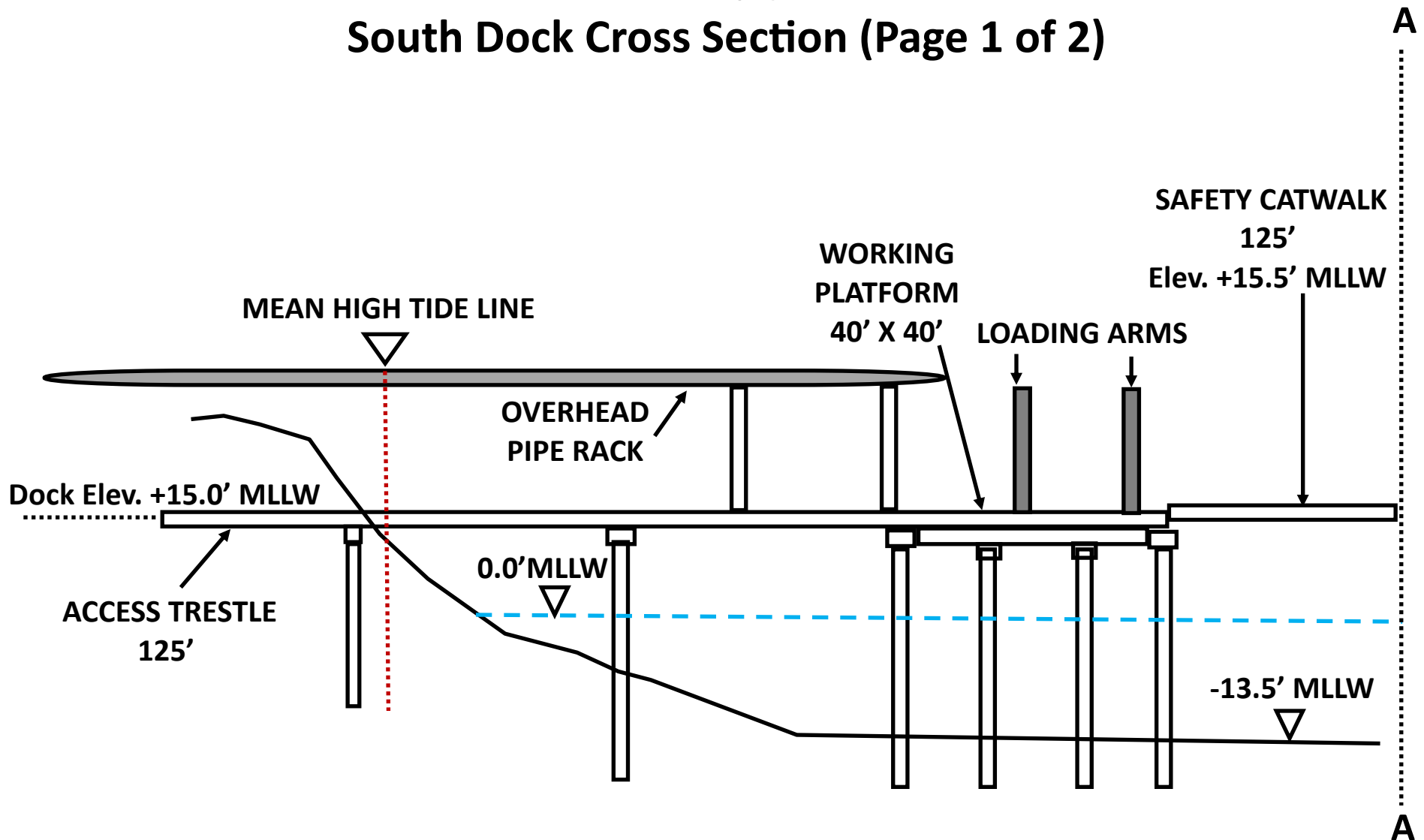
### Hydrographic Survey





## Exhibit F

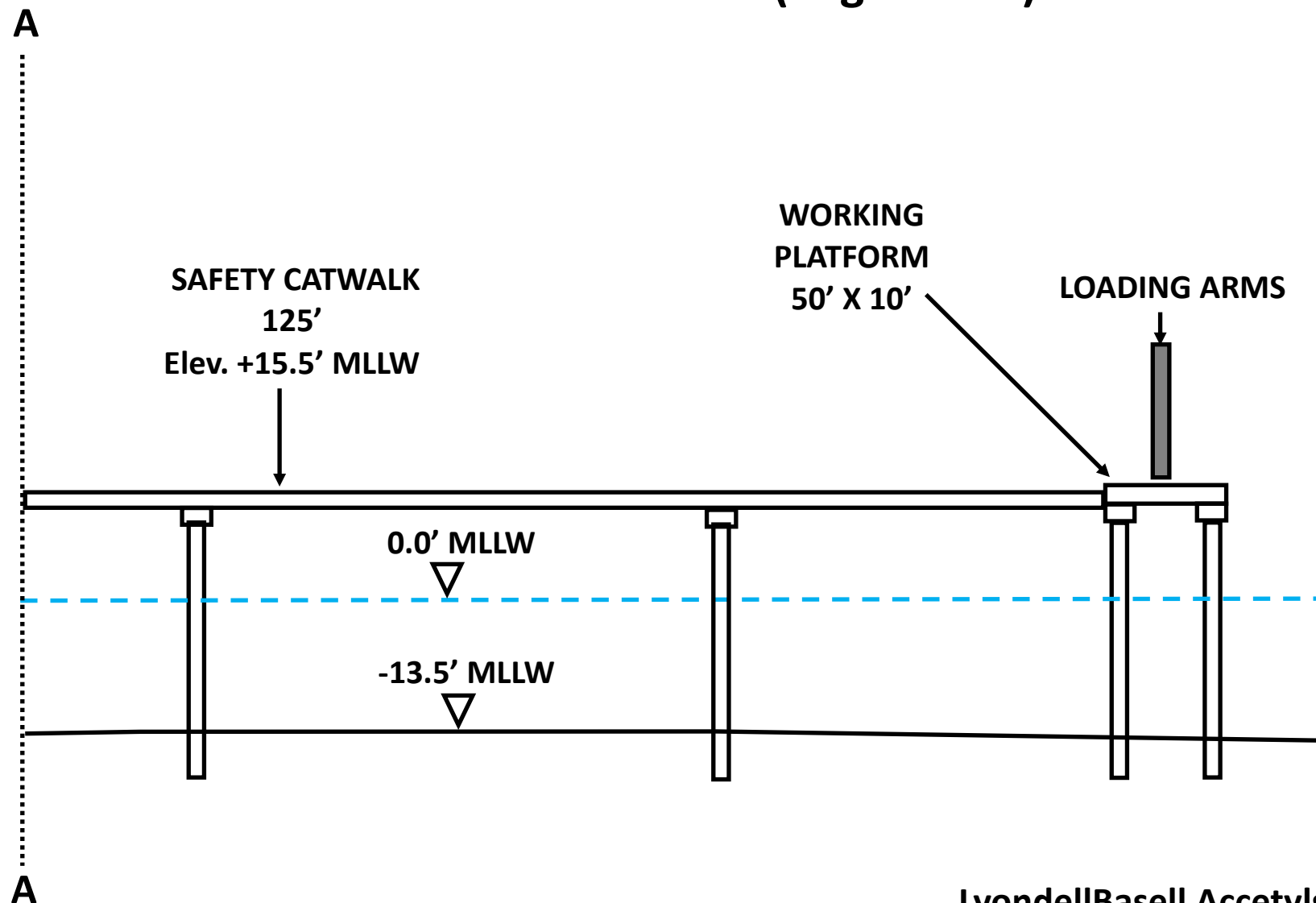
### South Dock Cross Section (Page 1 of 2)



LyondellBasell Accetyls, LLC  
South Dock  
SWG-2000-02041  
Harris County, Texas

## Exhibit F

### South Dock Cross Section (Page 2 of 2)

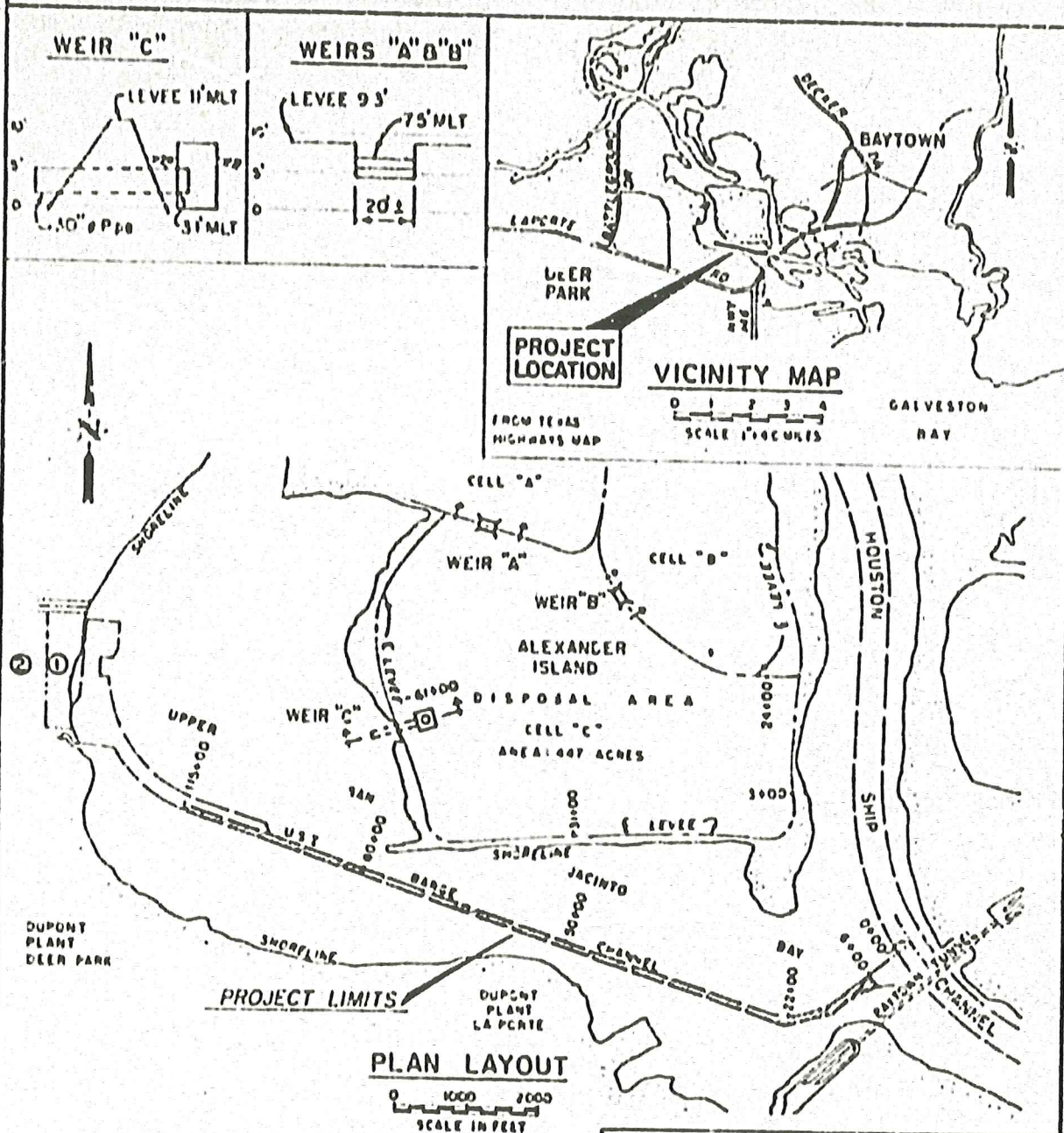


LyondellBasell Accetyls, LLC  
South Dock  
SWG-2000-02041  
Harris County, Texas



NOV 21 2018

#14206



DREDGED MATERIAL: 110,000 CY SILT

PURPOSE: RESTORE BARGE CHANNEL  
DEPTH TO 13.0' BELOW  
MEAN SEA LEVEL

DATUM: MSL EXCEPT DISPOSAL AREA (SHT. 3)

ADJACENT PROPERTY OWNERS:

① PORT OF HOUSTON AUTHORITY

② U.S. INDUSTRIAL CHEMICALS CO.

Permit Numbers 14206(02)

JAN. 10, 1980

REVISED: 1/18/80

Applicant: Millennium

Date: 21 Dec 00

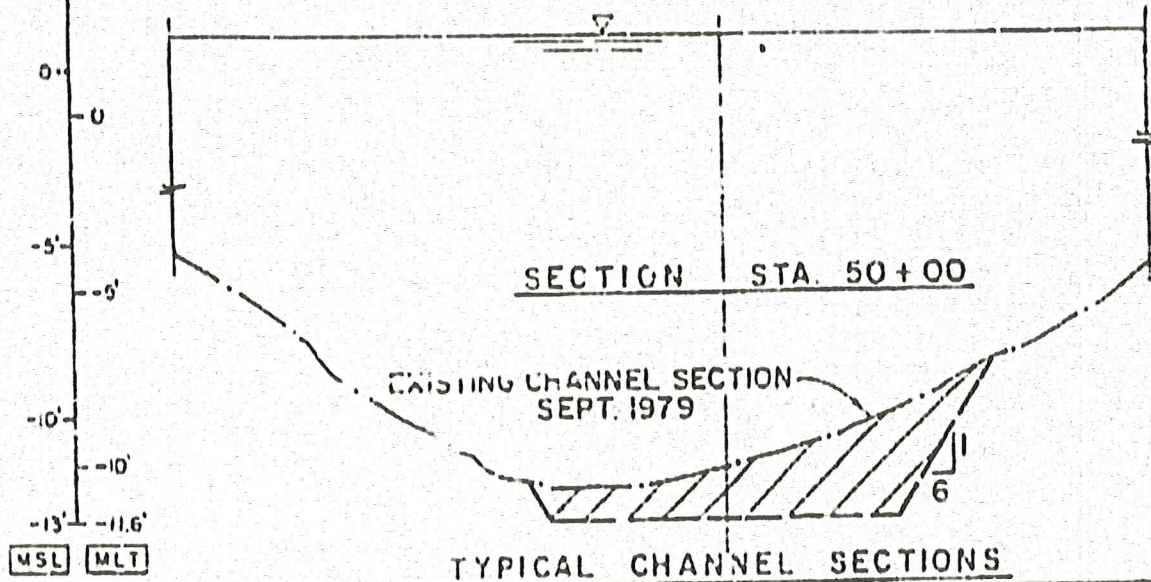
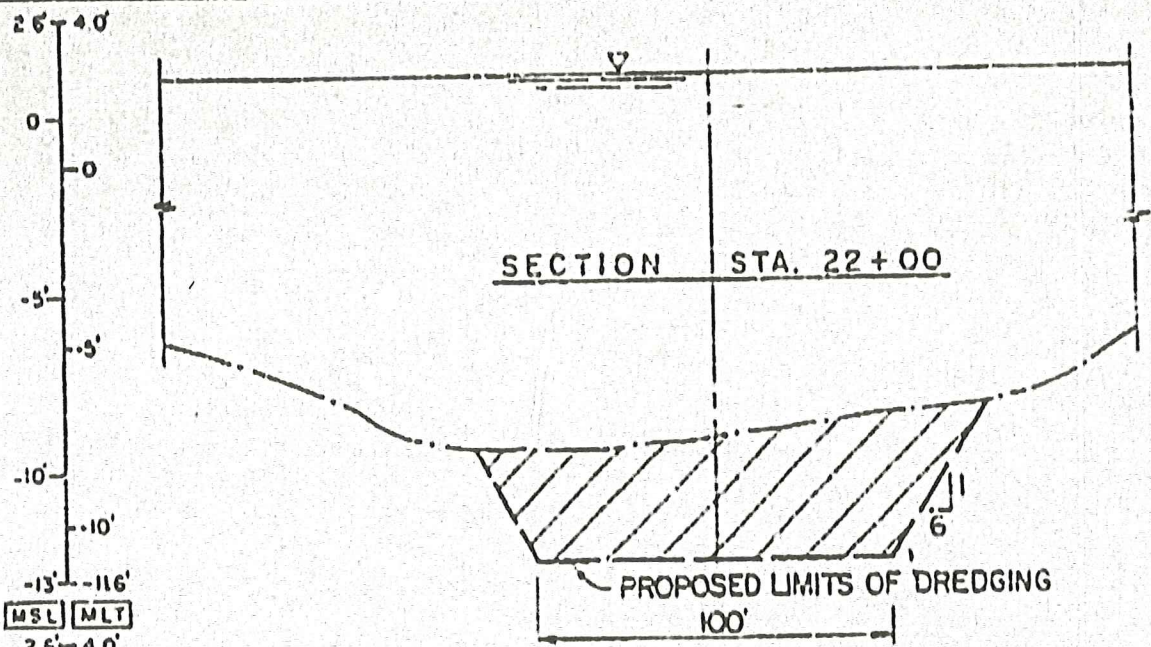
Pg 1 of 4

PERMITTED PLANS

316 0035

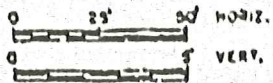


SEP 08 1980



TYPICAL CHANNEL SECTIONS

SCALE:



FOR LOCATION OF SECTIONS SEE SHY. 1

PROPOSED MAINTENANCE DREDGING OF USI BARGE CHANNEL IN UPPER SAN JACINTO BAY

Permit Number: 14206(02) HARRIS COUNTY, TEXAS

Applicant: Millennium APPLICATION BY SYNGAS COMPANY

Date: 21 Dec 00 SHEET 2 OF 3 JAN. 10, 1980

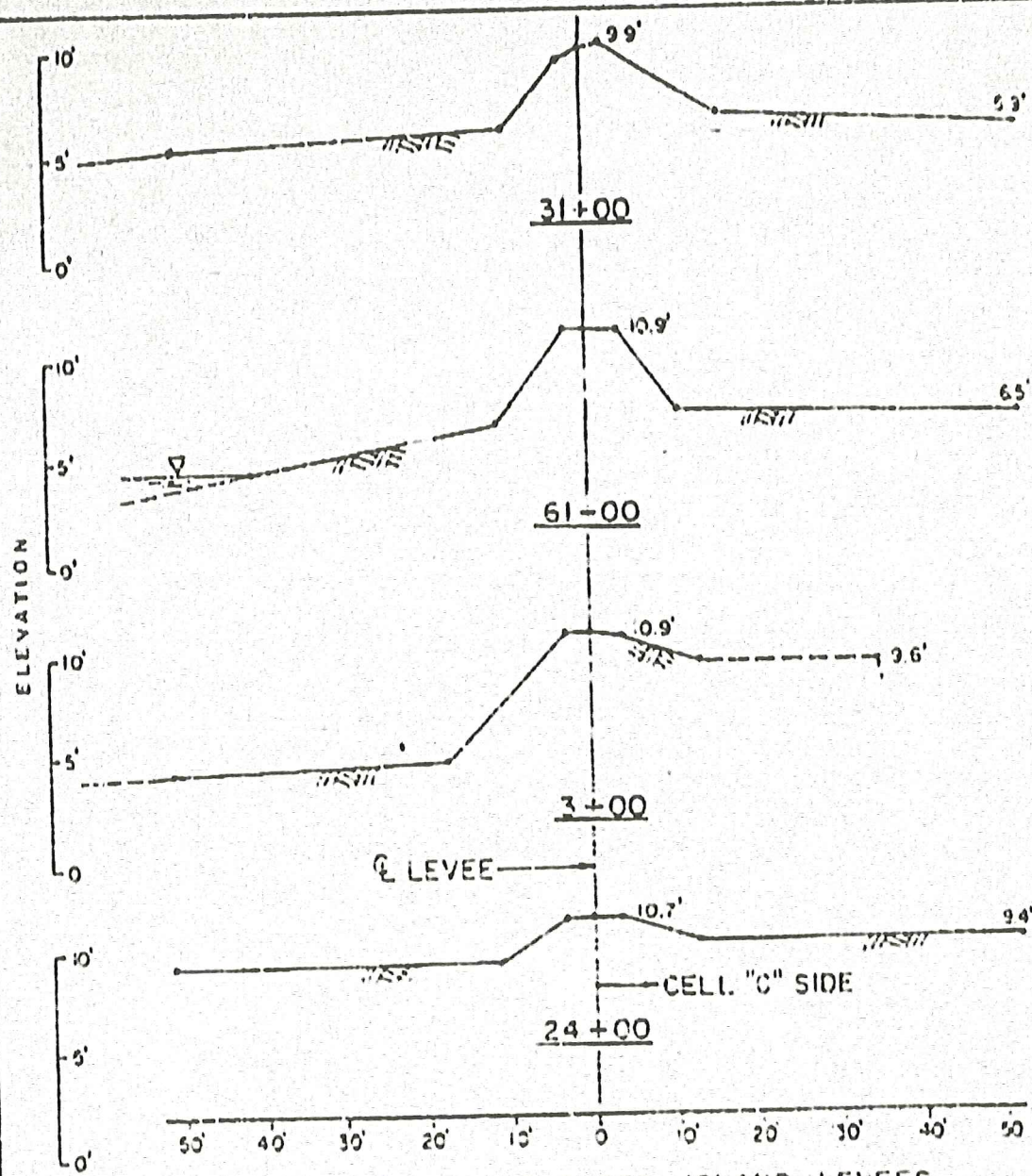
Pg 2 of 4

PERMITTED PLANS



SEP 03 '91 09137AM 10:10:10

NOV 21 2018



SECTIONS THRU ALEXANDER ISLAND LEVEES

SCALE: 0 10' 20' HORIZ.  
0 6' 6' VERT.

FOR LOCATION OF  
SECTIONS SEE SHT. 1.  
DATUM IS MLLT

PROPOSED MAINTENANCE  
DREDGING OF USI BARGE  
CHANNEL IN UPPER  
SAN JACINTO BAY  
HARRIS COUNTY, TEXAS

Permit Number: 14706(02)

Applicant: Millennium

Date: 21 Dec 00

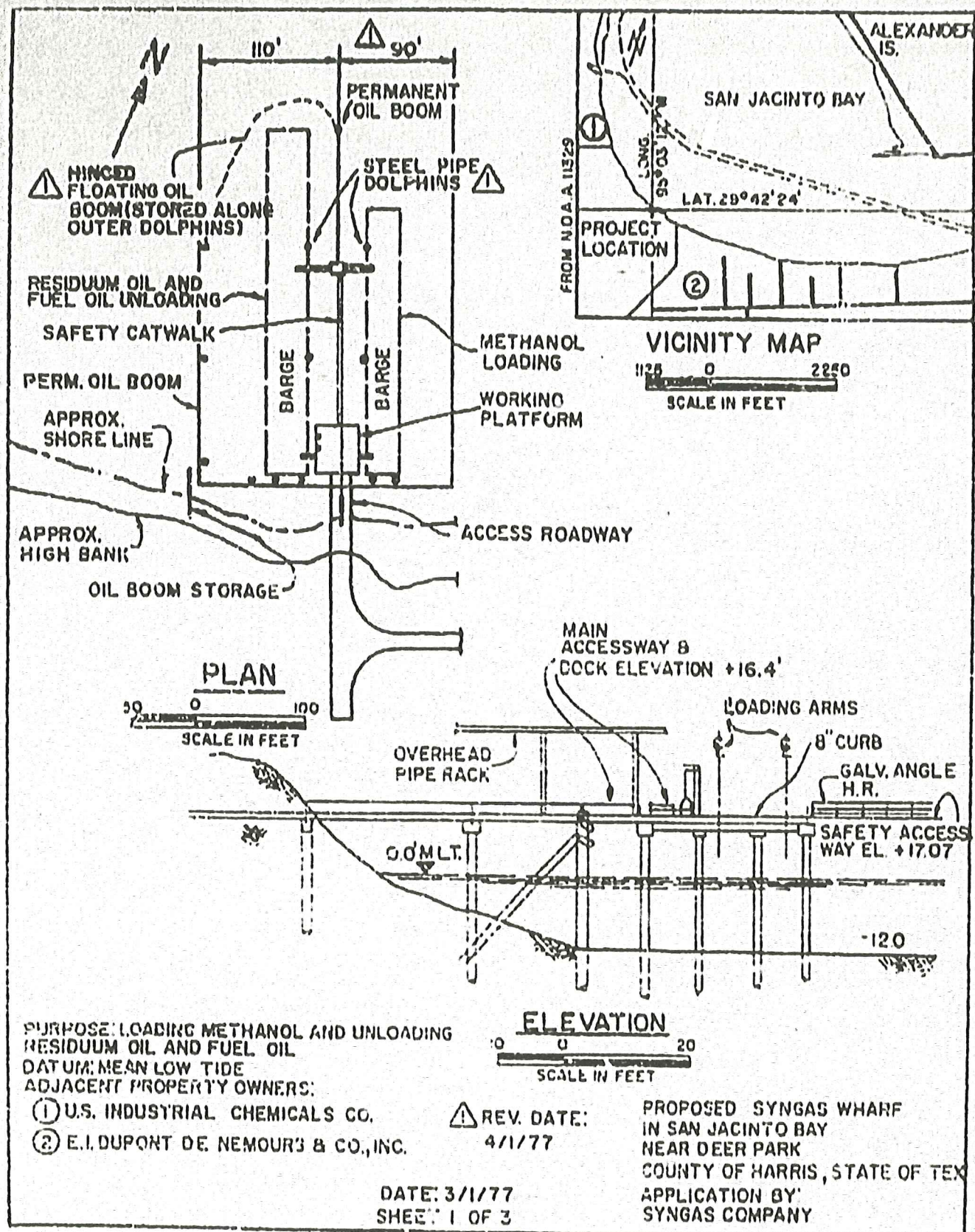
Pg 3 of 4

APPLICATION BY SYNGAS COMPANY  
SHEET 3 OF 3  
JAN. 10, 1980

PERMITTED PLANS



NOV 21 2018

Permit Number: 14206(02)Applicant: MillenniumDate: 21 Dec 00Pg 4 of 4

PERMITTED PLANS