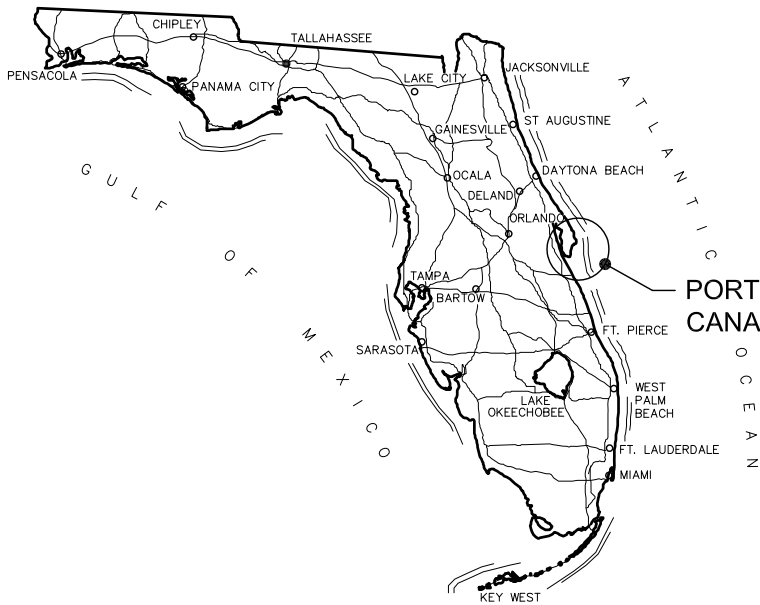
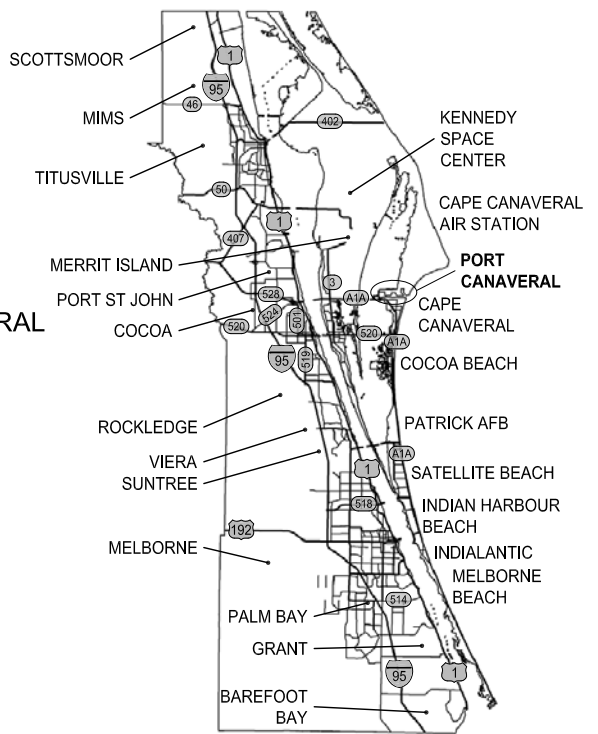
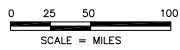


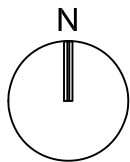
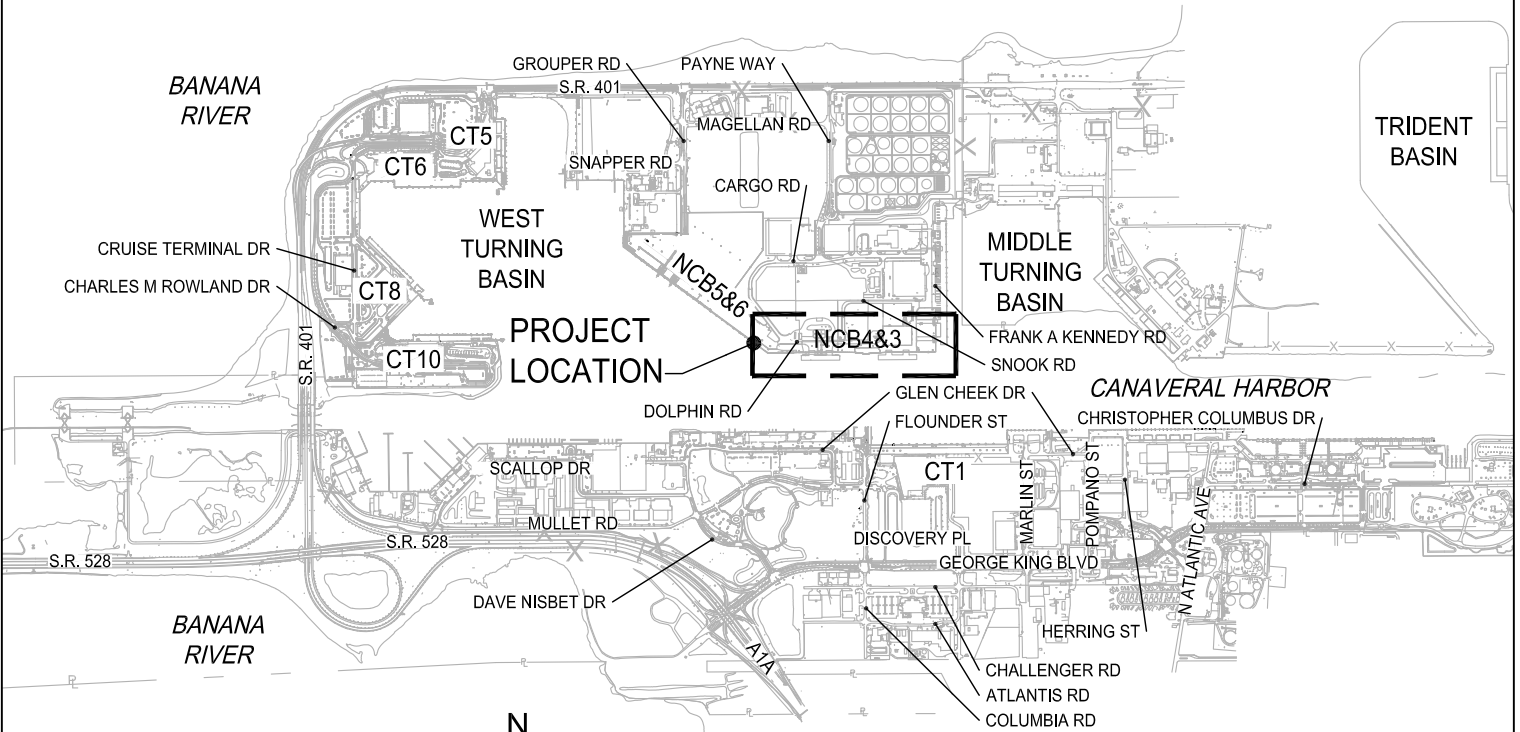
Z:\664743\NCB3and4\_DesignandPermitOnly\Drawings\Permits\Drawings\NCB3and4\_3and4\_2017 - 3:44pm Plot Time: Wednesday, June 28, 2017 - 3:44pm



**VICINITY MAP**



**BREVARD COUNTY MAP**



**LOCATION PLAN**



SCALE: 1" = 2000'

**ch2m**  
445 CHALLENGER RD., SUITE 130  
CAPE CANAVERAL, FLORIDA  
(321) 799-1236 (321) 799-1183 (FAX)

NORTH CARGO BERTH 3 & 4 IMPROVEMENTS  
APPL. CANAVERAL PORT AUTHORITY  
PORT CANAVERAL, BREVARD COUNTY, FLORIDA

DATE	APRV.	REVISION

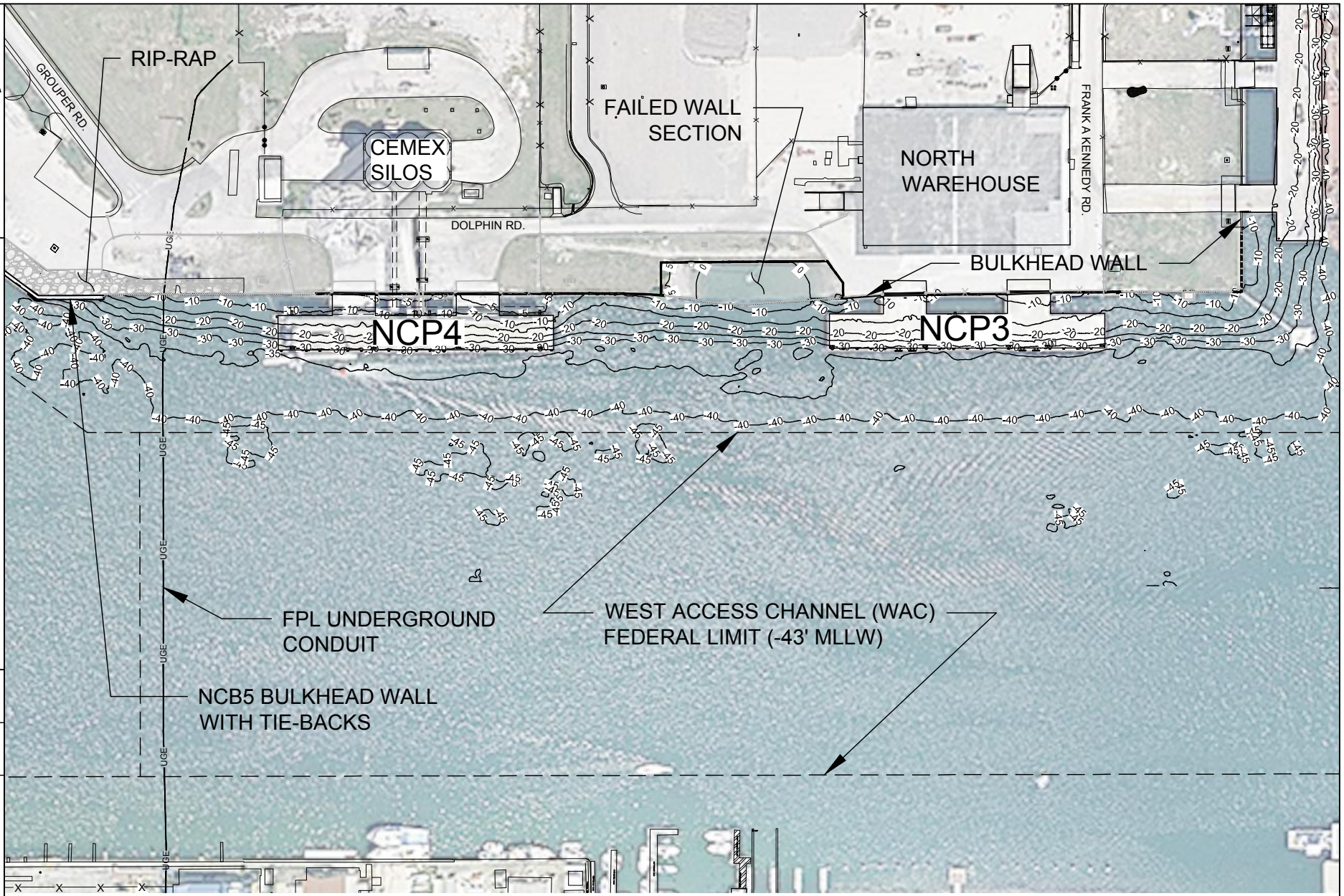
SCALE: NOTED  
JOB # -  
**T1**

**CH2M**  
 445 CHALLENGER RD., SUITE 130  
 CAPE CANAVERAL, FLORIDA  
 (321) 799-1236 (321) 799-1183 (FAX)

NORTH CARGO BERTH 3 & 4 IMPROVEMENTS  
 APPL. CANAVERAL PORT AUTHORITY  
 PORT CANAVERAL, BREVARD COUNTY, FLORIDA

DATE	APPRV.	REVISION

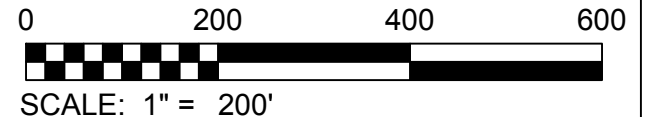
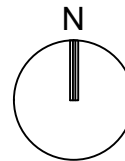
SCALE NOTED  
 JOB # -  
**P1**



**NOTES:**

1. DEPTHS REFERENCE MLLW.
2. SOUNDINGS SHOWN ARE DERIVED FROM ARC SURVEY PROJECT NO. 15-08-07 PERFORMED ON AUGUST 28, 2015.

**EXISTING CONDITIONS**

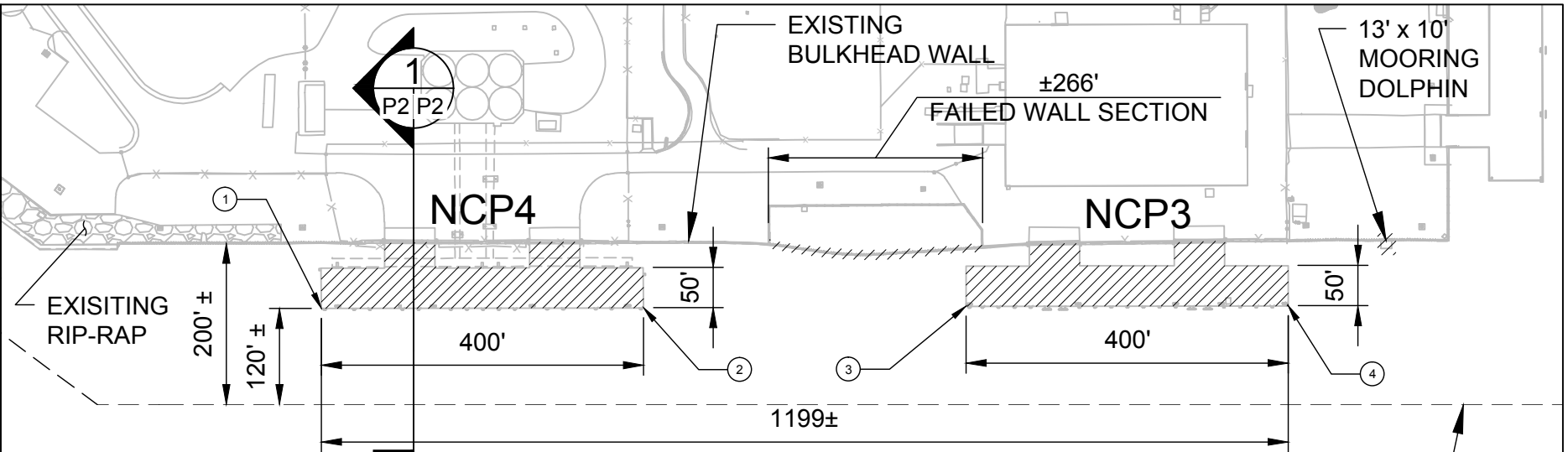


**CH2M**  
 445 CHALLENGER RD., SUITE 130  
 CAPE CANAVERAL, FLORIDA  
 (321) 799-1236 (321) 799-1183 (FAX)

NORTH CARGO BERTH 3 & 4 IMPROVEMENTS  
 APPL. CANAVERAL PORT AUTHORITY  
 PORT CANAVERAL, BREVARD COUNTY, FLORIDA

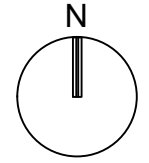
DATE	APPRV.	REVISION

SCALE: NOTED  
 JOB # -  
**P2**



**LEGEND**

STRUCTURE TO BE DEMOLISHED



**DEMOLITION PLAN**

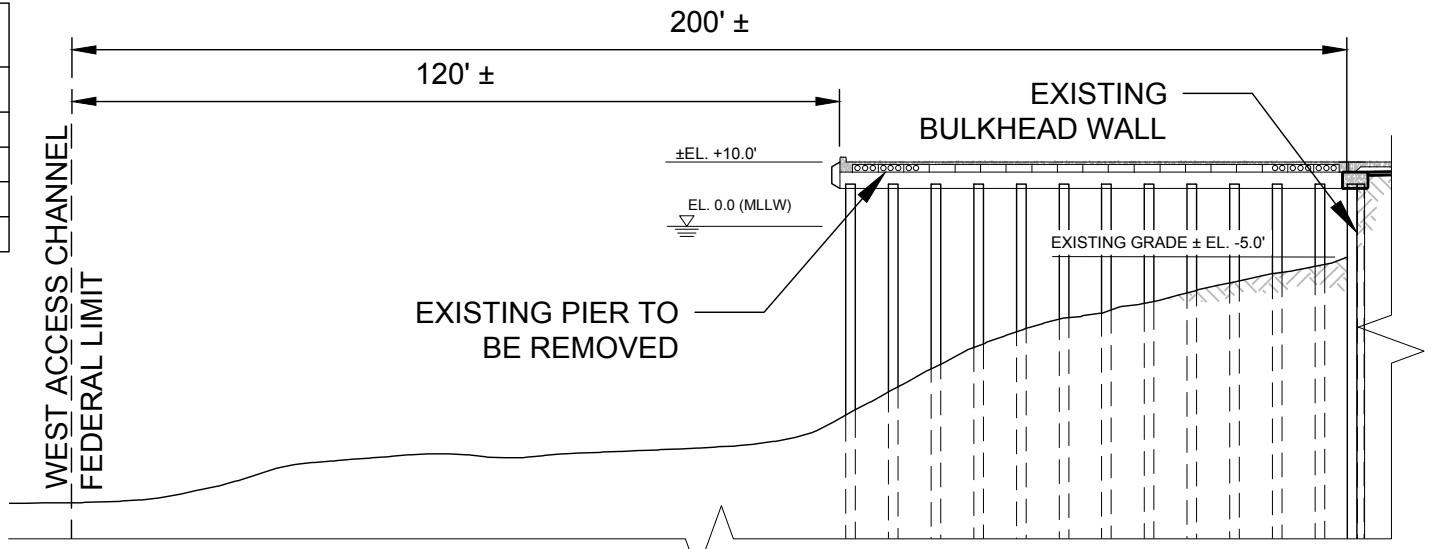
1"=200'



SCALE: 1" = 200'

**PIER COORDINATES**

ID	NORTHING	EASTING
①	1482296.98	779552.97
②	1482298.97	779952.96
③	1482302.18	780353.71
④	1482304.17	780753.71



**TYPICAL SECTION**

1"=30'



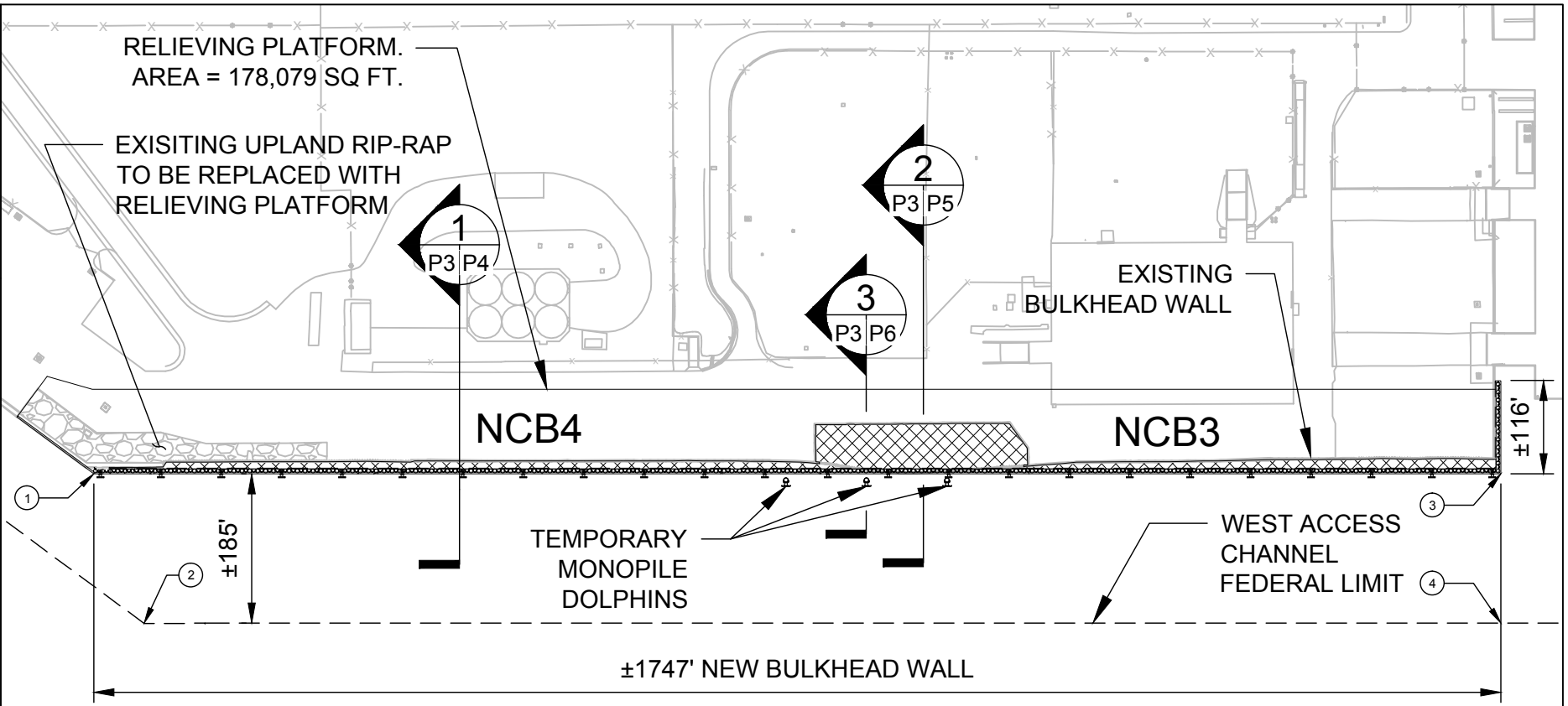
SCALE: 1" = 30'

**CH2M**  
 445 CHALLENGER RD., SUITE 130  
 CAPE CANAVERAL, FLORIDA  
 (321) 799-1236 (321) 799-1183 (FAX)

NORTH CARGO BERTH 3 & 4 IMPROVEMENTS  
 APPL. CANAVERAL PORT AUTHORITY  
 PORT CANAVERAL, BREVARD COUNTY, FLORIDA

DATE	APPRV.	REVISION
9-22-16	GL	
		ADDED SECTION 3

SCALE: NOTED  
 JOB # -  
**P3**



## PROPOSED IMPROVEMENTS

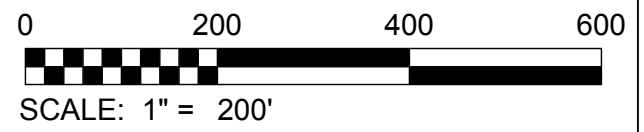
COORDINATES		
ID	NORTHING	EASTING
①	1482361.49	779213.18
②	1482176.14	779276.20
③	1482367.09	780960.64
④	1482181.70	780961.23

LEGEND	
	PROPOSED FILL OF ~0.64 AC WITH ~4685 CY

### NOTES:

1. UPLAND DRAINAGE IMPROVEMENTS WILL BE COORDINATED THROUGH MODIFICATION OF EXISTING FDEP PERMIT #ERP05-320679-004-EM.

2. TURBIDITY CONTROL DEVICES, MONITORING OR OTHER APPROPRIATE BMP'S WILL BE USED AS NECESSARY TO MAINTAIN STATE WATER QUALITY CRITERIA DURING IN-WATER ACTIVITIES.



445 CHALLENGER RD., SUITE 130  
 CAPE CANAVERAL, FLORIDA  
 (321) 799-1236 (321) 799-1183 (FAX)



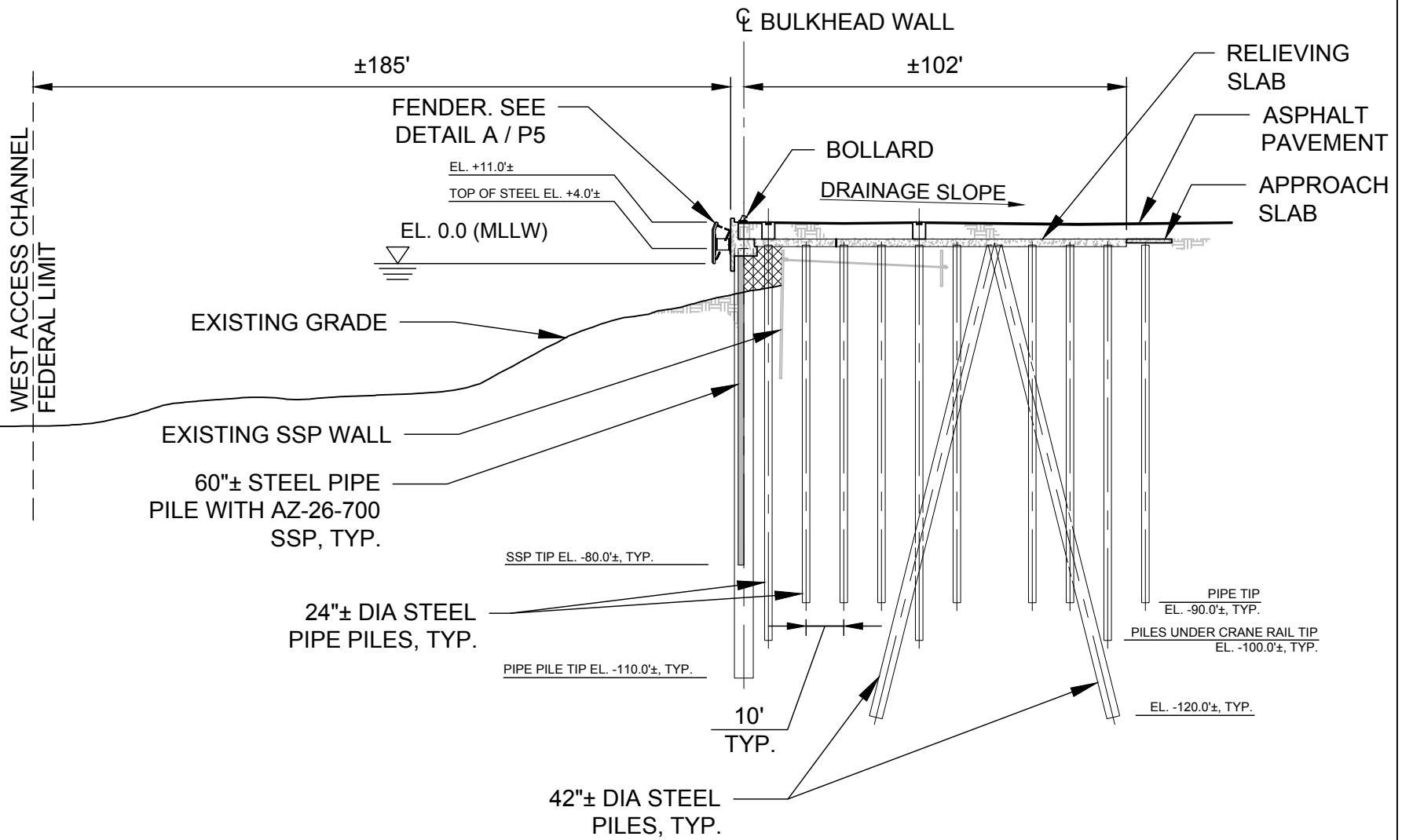
NORTH CARGO BERTH 3 & 4 IMPROVEMENTS  
 APPL. CANAVERAL PORT AUTHORITY  
 PORT CANAVERAL, BREVARD COUNTY, FLORIDA

DATE

APPRV.

REVISION

SCALE: NOTED  
 JOB # -  
**P4**



**1**  
 P3 | P4  
**TYPICAL SECTION**

**NOTES:**

- TURBIDITY CONTROL DEVICES, MONITORING OR OTHER APPROPRIATE BMP'S WILL BE USED AS NECESSARY TO MAINTAIN STATE WATER QUALITY CRITERIA DURING IN-WATER ACTIVITIES.

**LEGEND**

PROPOSED FILL OF ~0.64 AC WITH ~4685 CY



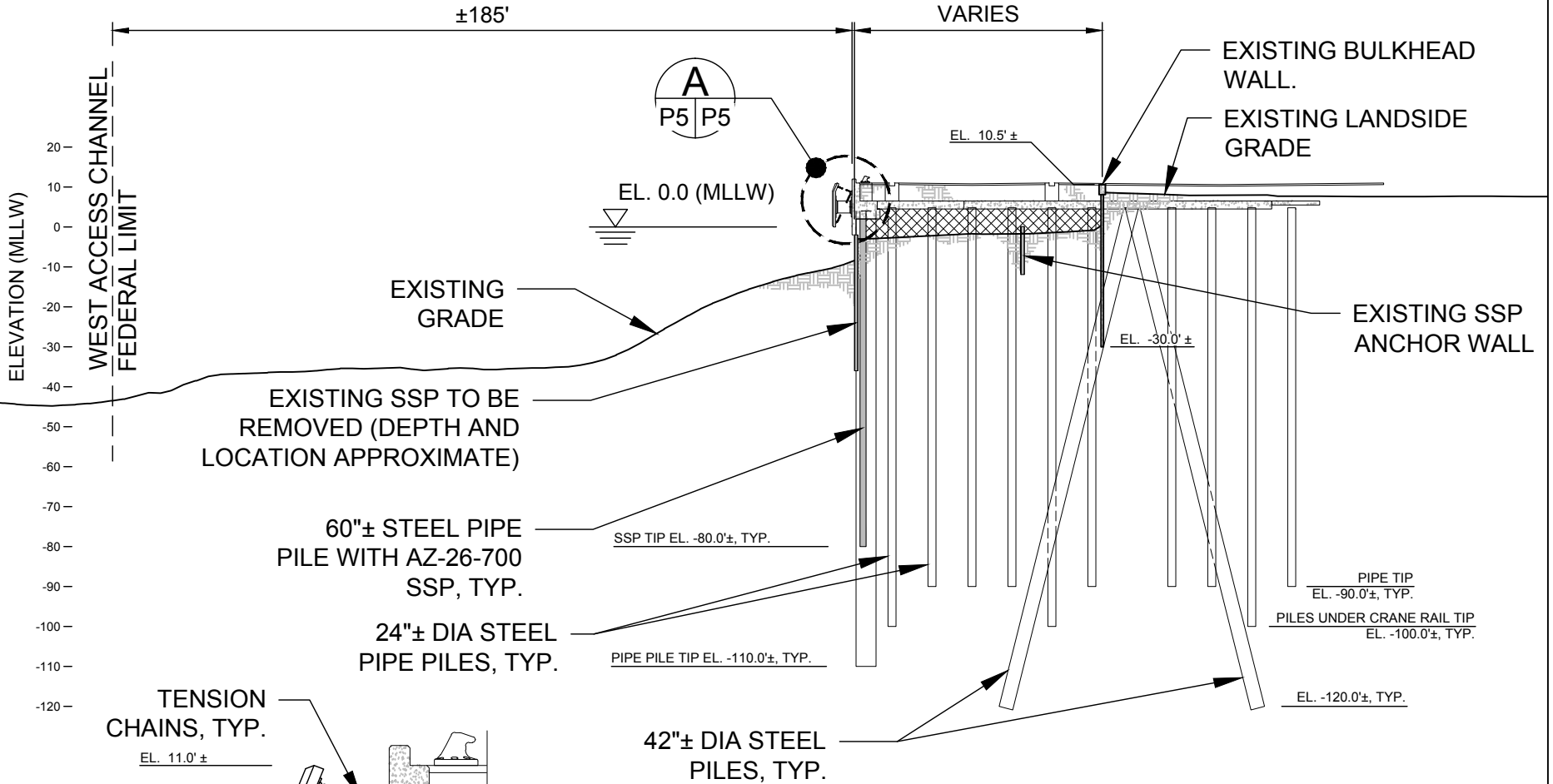


**CH2M**  
 445 CHALLENGER RD., SUITE 130  
 CAPE CANAVERAL, FLORIDA  
 (321) 799-1236 (321) 799-1183 (FAX)

NORTH CARGO BERTH 3 & 4 IMPROVEMENTS  
 APPL. CANAVERAL PORT AUTHORITY  
 PORT CANAVERAL, BREVARD COUNTY, FLORIDA


DATE	9-22-16	GL
APPRV.		
REVISION		
	ADDED FENDER DETAIL	

SCALE: NOTED  
 JOB # -  
**P5**



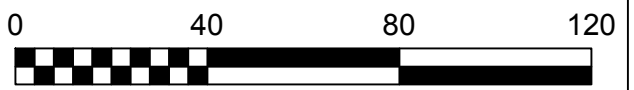
**2**  
 P3 | P5  
**TYPICAL SECTION**

**LEGEND**

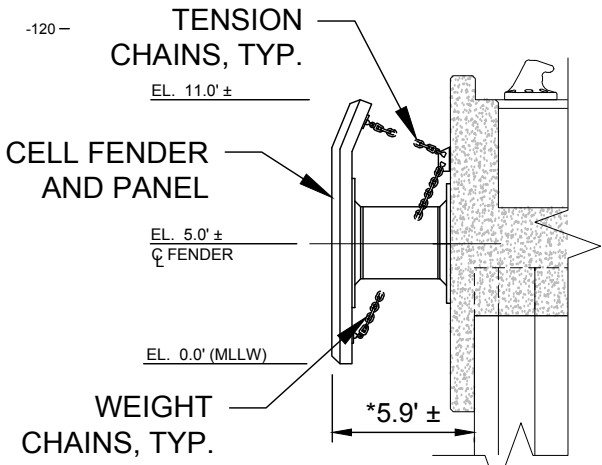
 PROPOSED FILL OF ~0.64 AC WITH ~4685 CY



SCALE: 1-1/2" = 1'-0"



SCALE: 1" = 40'



**A**  
 P5 | P5  
**DETAIL**  
 1 1/2" = 1'

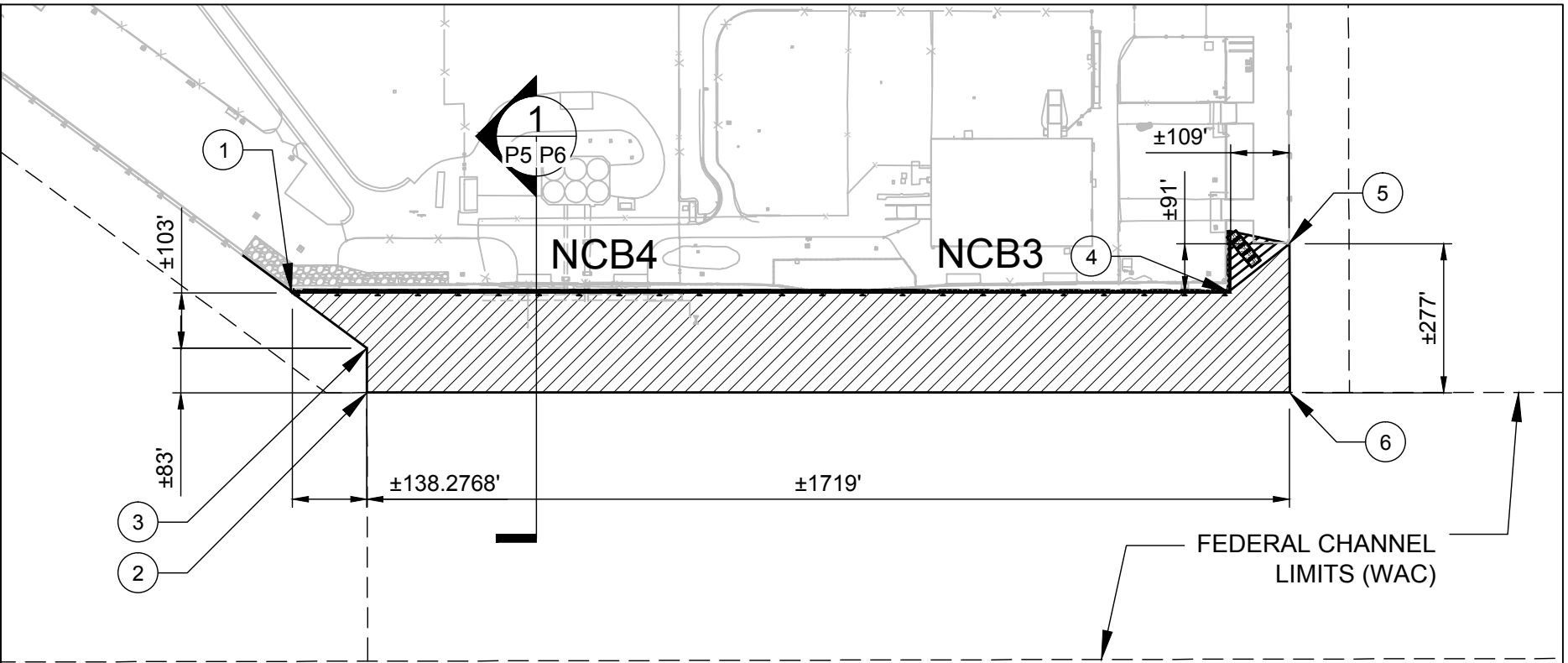


**CH2M**  
 445 CHALLENGER RD., SUITE 130  
 CAPE CANAVERAL, FLORIDA  
 (321) 799-1236 (321) 799-1183 (FAX)

NORTH CARGO BERTH 3 & 4 IMPROVEMENTS  
 APPL. CANAVERAL PORT AUTHORITY  
 PORT CANAVERAL, BREVARD COUNTY, FLORIDA

DATE	APPRV.	REVISION

SCALE: NOTED  
 JOB # -  
**P7**



## DREDGING PLAN

### DREDGING LIMITS COORDINATES

ID	NORTHING (Y)	EASTING (X)
1	1482361.4886	779213.1808
2	1482176.5443	779352.0447
3	1482259.2895	779351.8518
4	1482367.0855	780960.6353
5	1482459.2337	781069.6295
6	1482182.0501	781071.1546

### LEGEND



PROPOSED DREDGING ~7.7AC FROM EXISTING GRADE TO -43 + 2' OVER DEPTH WITH ODMDS DISPOSAL (~171,681 CY)

