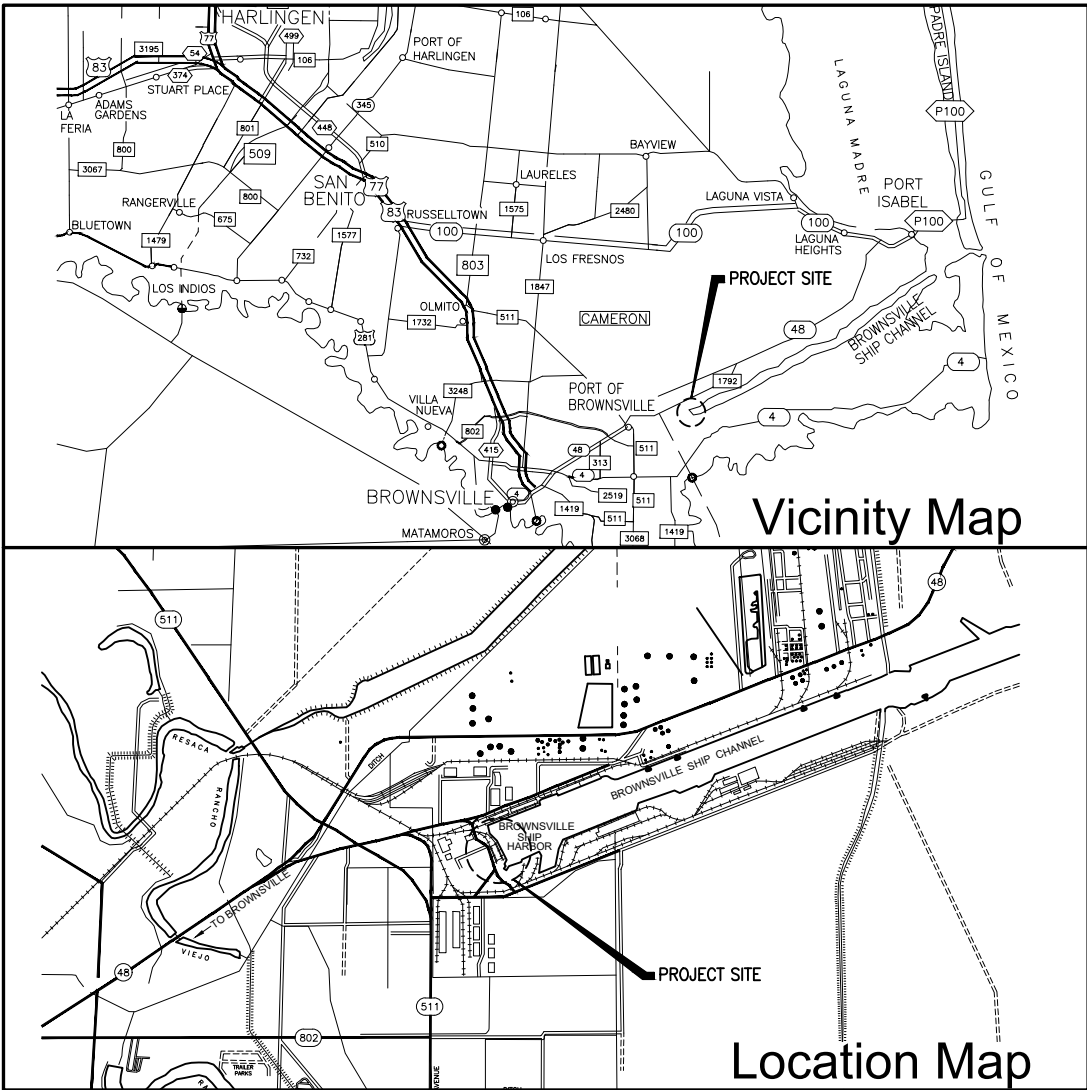


PORT OF

BROWNSVILLE

the port that works



Construction Drawings For

Brownsville

Navigation District

Cargo Dock No. 3

Demolition

Project No.  
10320226

BROWNSVILLE, TEXAS  
SEPTEMBER 2023

9/22/2023

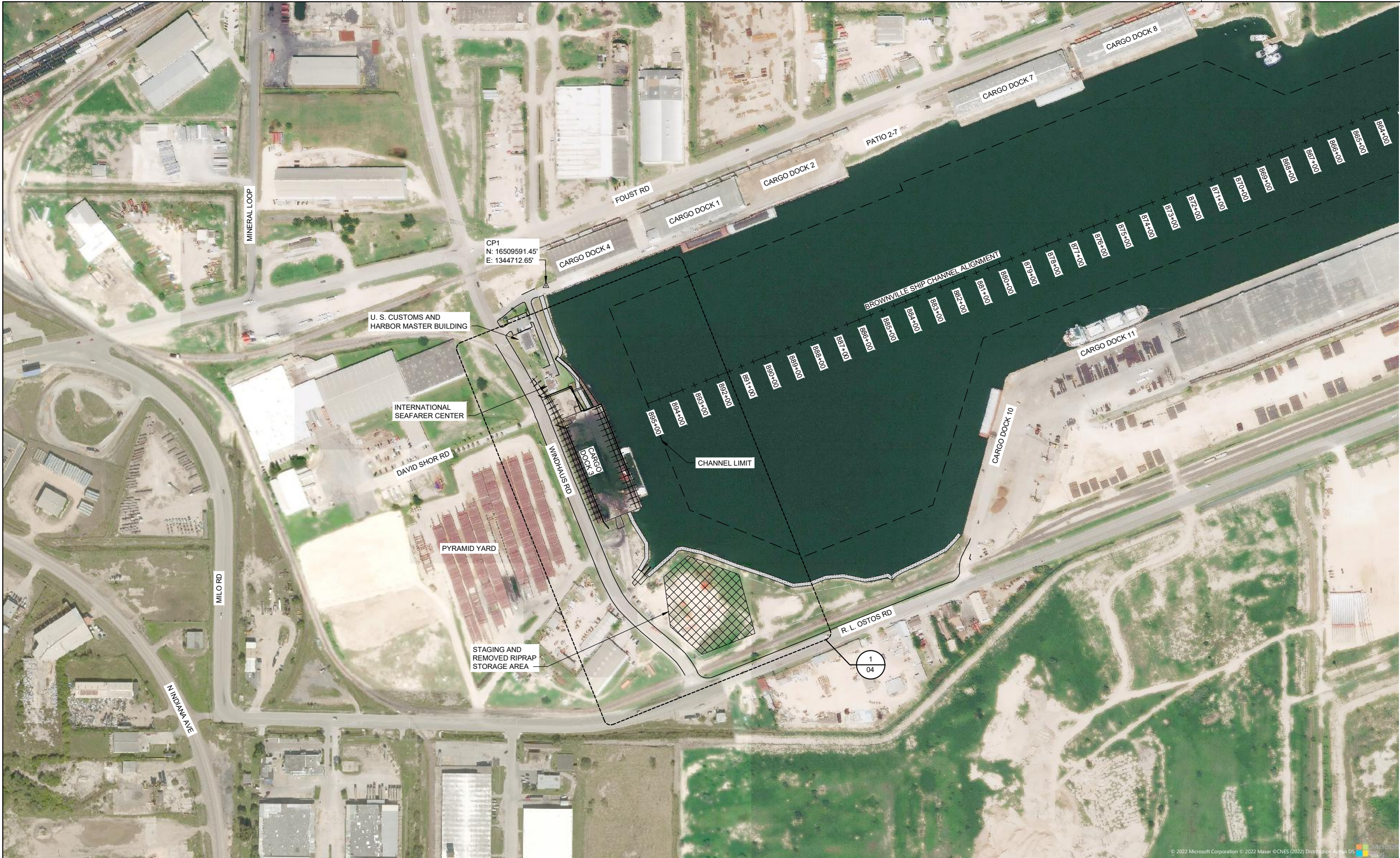
DAVID R. BROYLES  
117271  
LICENSED PROFESSIONAL ENGINEER

DR.M

INDEX OF DRAWINGS	
SHEET NO.	SHEET TITLE
01	COVER SHEET AND INDEX
02	GENERAL NOTES, ABBREVIATIONS, AND LEGEND
03	OVERALL SITE, STAGING & STORAGE PLAN
04	EXISTING DEMO SITE PLAN
05	DOCK FACILITY EXISTING DEMO PLAN (1 OF 2)
06	DOCK FACILITY EXISTING DEMO PLAN (2 OF 2)
07	BELOW DECK EXISTING DEMO PLAN
08	EXISTING DEMO SECTIONS
09	EXISTING CONDITIONS PHOTOS 01
10	EXISTING CONDITIONS PHOTOS 02
11	EXISTING CONDITIONS PHOTOS 03
12	EXISTING CONDITIONS PHOTOS 04
13	EXISTING CONDITIONS PHOTOS 05
14	EXISTING CONDITIONS PHOTOS 06







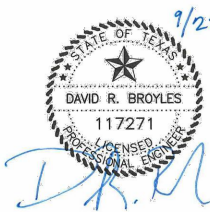
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OVERALL SITE, STAGING & STORAGE PLAN  
1" = 200'



HDR Engineering, INC  
TBPCLS Firm  
Registration No. F-754

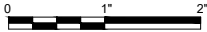
A	09/22/2023	"ISSUED FOR BID"
ISSUE	DATE	DESCRIPTION

PROJECT MANAGER	K. M. WUNDT
DESIGNED BY	D. R. BROYLES
DRAWN BY	A. VILLARREAL
CHECKED BY	S. A. MCCOY
PROJECT NUMBER	10320226



**PORT OF BROWNSVILLE**  
the port that works  
**CARGO DOCK 3  
DEMOLITION**

OVERALL SITE, STAGING & STORAGE PLAN



FILENAME | 00G-03.dwg  
SCALE | 1" = 200'

SHEET  
03





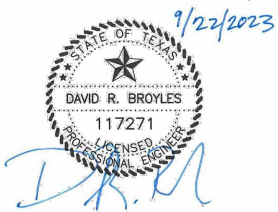
1  
-  
EXISTING/DEMO SITE PLAN  
1" = 60'



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TBPELS Firm  
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**PORT OF BROWNVILLE**  
the port that works  
**CARGO DOCK 3  
DEMOLITION**

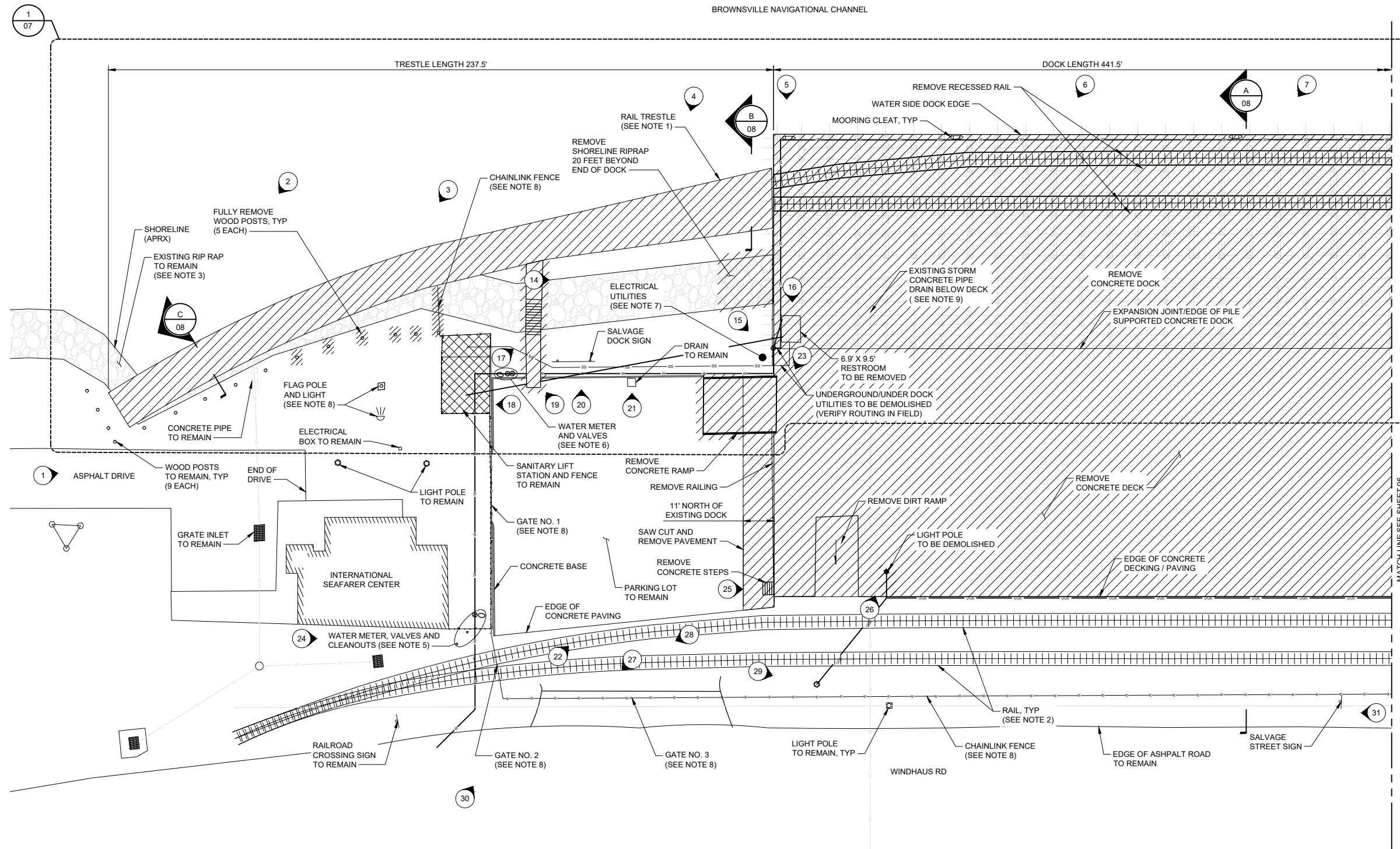
**EXISTING/DEMO SITE PLAN**

0 1" 2"

FILENAME 00X-01.dwg  
SCALE 1" = 60'

SHEET  
**04**



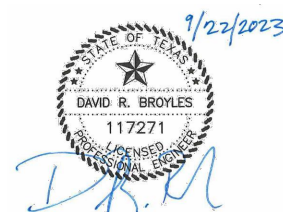


- DEMOLITION LEGEND/NOTES:
- DEMOLISH/REMOVE FEATURES
  - PHOTOGRAPH OF EXISTING CONDITION, SEE SHEETS 07 THROUGH 14
- THE RAIL TRESTLE SHALL BE FULLY DEMOLISHED TO LIMITS SHOWN. SEE BELOW DECK DEMOLITION DETAILS FOR PILE REMOVAL.
  - EXISTING RAIL SYSTEM TO BE REMOVED AND REPLACED BY OTHERS (NIC).
  - ALL RIP RAP TO REMAIN EXCEPT WHERE NOTED. REMOVE ALL RIP RAP BELOW EXISTING PILE SUPPORTED DOCK AND AS REQUIRED TO EXTRACT PILES.
  - POWER UTILITIES TO BE TERMINATED AND REROUTED BY THE PORT AND PUB.
  - THE ROUTING FOR THESE UTILITIES IS UNKNOWN. CONTRACTOR TO VERIFY AND PERFORM WORK WITH CAUTION.
  - UTILITY ROUTING FOR VALVES TO BE CUT AND CAPPED ON DOWNSTREAM SIDE OF METER. VALVES AND METER TO REMAIN.
  - ELECTRICAL UTILITY ROUTING UNKNOWN. CONTRACTOR TO COORDINATE WITH PORT AND PUB TO DE-ENERGIZE, CAP AND REMOVE OR RE-ROUTE OUTSIDE THE PROJECT AREA.
  - TO BE REMOVED AND SALVAGED BY OTHERS (NIC).
  - EXISTING STORM DRAIN CONCRETE PIPE BELOW DECK TO BE REMOVED UP TO THE EAST SIDE OF PROPOSED LANDSIDE PLATFORM. COORDINATE WITH DOCK DESIGN DRAWINGS AND OWNER. REMAINING LENGTH OF PIPE WILL BE REMOVED DURING NEW DOCK CONSTRUCTION PROJECT.

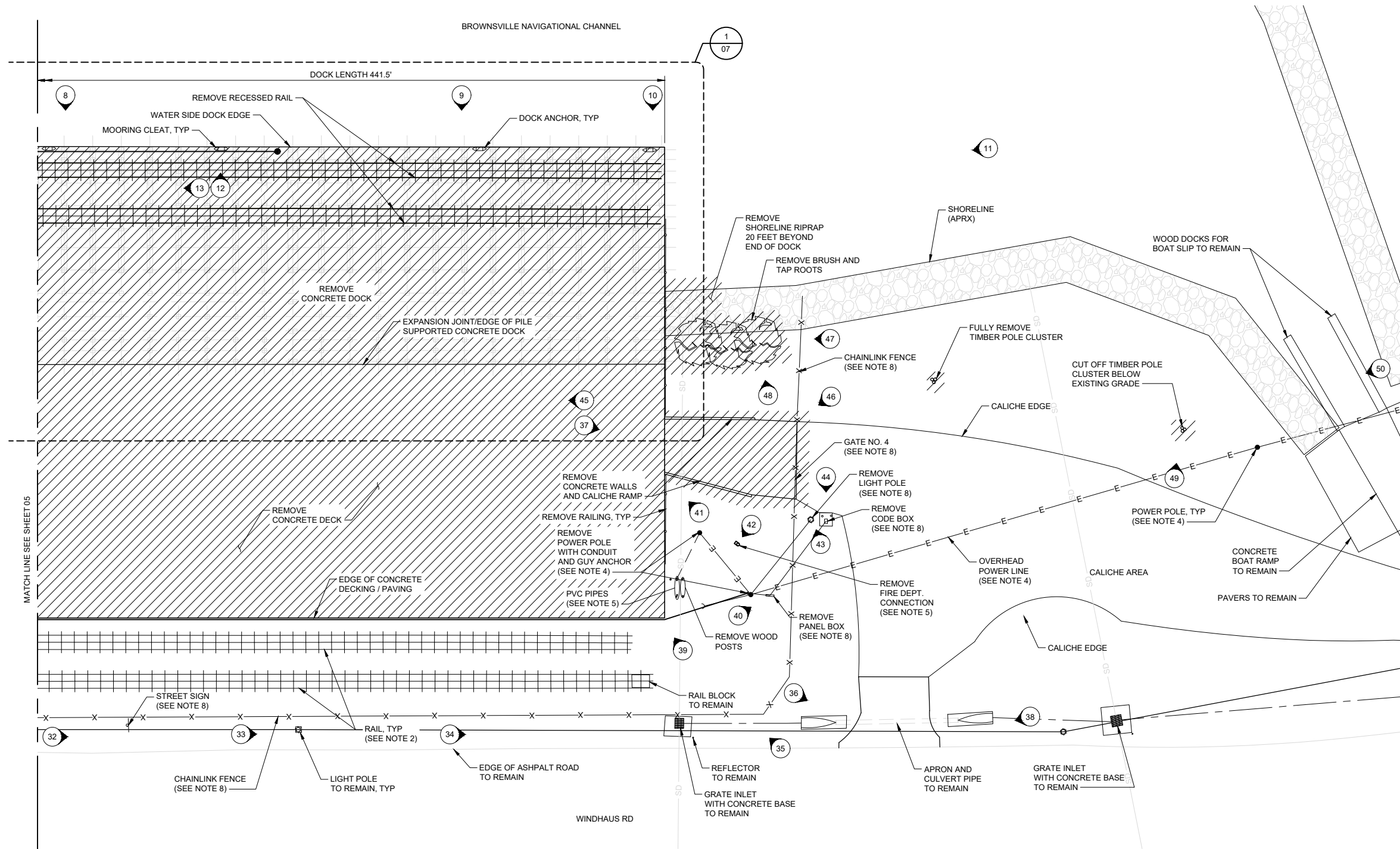
1 04 DOCK FACILITY EXISTING/DEMO PLAN  
1" = 20'

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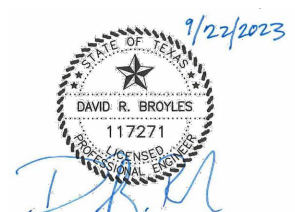
- DEMOLITION LEGEND/NOTES:**
- DEMOLISH/REMOVE FEATURES
  - PHOTOGRAPH OF EXISTING CONDITION, SEE SHEETS 07 THROUGH 14
1. THE RAIL TRESTLE SHALL BE FULLY DEMOLISHED TO LIMITS SHOWN. SEE BELOW DECK DEMOLITION DETAILS FOR PILE REMOVAL.
  2. EXISTING RAIL SYSTEM TO BE REMOVED AND REPLACED BY OTHERS (NIC).
  3. ALL RIP RAP TO REMAIN EXCEPT WHERE NOTED. REMOVE ALL RIP RAP BELOW EXISTING PILE SUPPORTED DOCK AND AS REQUIRED TO EXTRACT PILES.
  4. POWER UTILITIES TO BE TERMINATED AND REROUTED BY THE PORT AND PUB.
  5. THE ROUTING FOR THESE UTILITIES IS UNKNOWN. CONTRACTOR TO VERIFY AND PERFORM WORK WITH CAUTION.
  6. UTILITY ROUTING FOR VALVES TO BE CUT AND CAPPED ON DOWNSTREAM SIDE OF METER. VALVES AND METER TO REMAIN.
  7. ELECTRICAL UTILITY ROUTING UNKNOWN. CONTRACTOR TO COORDINATE WITH PORT AND PUB TO DE-ENERGIZE, CAP AND REMOVE OR RE-ROUTE OUTSIDE THE PROJECT AREA.
  8. TO BE REMOVED AND SALVAGED BY OTHERS (NIC).

**DOCK FACILITY EXISTING/DEMO PLAN**  
1" = 20'

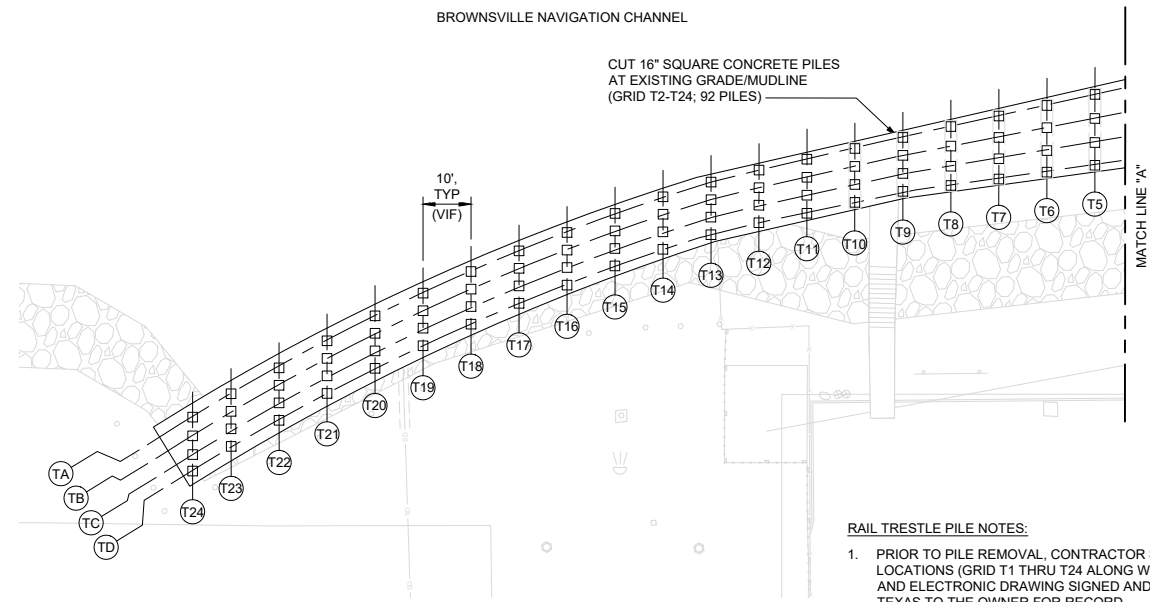
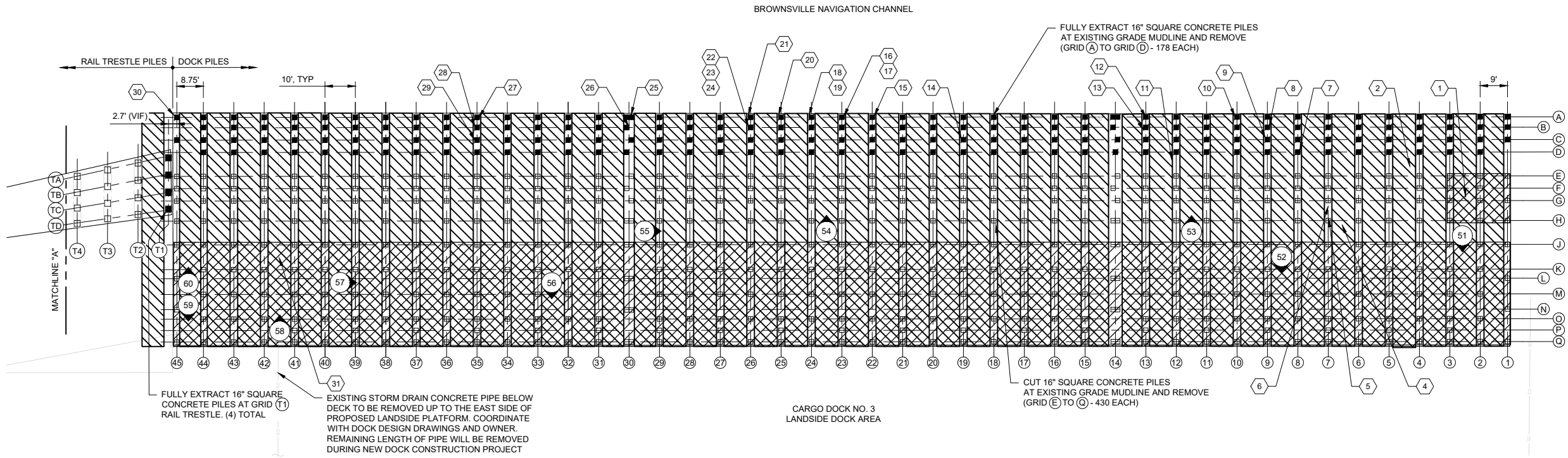


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- RAIL TRESTLE PILE NOTES:**
1. PRIOR TO PILE REMOVAL, CONTRACTOR SHALL SURVEY ALL RAIL TRESTLE PILE LOCATIONS (GRID T1 THRU T24 ALONG WITH DOCK GRID 45) AND SUBMIT DATA FILE AND ELECTRONIC DRAWING SIGNED AND SEALED BY LICENSED LAND SURVEYOR IN TEXAS TO THE OWNER FOR RECORD.
  2. PILE QUANTITIES AND SPACINGS ARE ESTIMATED ON RAIL TRESTLE.

- LEGEND:**
- PILE TO BE FULLY EXTRACTED AND REMOVED. JETTING PERMITTED, SEE SPECIFICATION 02 41 00 FOR LIMITATIONS. FILLING OF VOIDS NOT REQUIRED.
  - PILE TO BE CUT AT EXISTING MUDLINE AND REMOVED
  - ▨ REMOVE SHORELINE RIP-RAP AND/OR MISCELLANEOUS DEBRIS
  - ▩ AREA TO BE CLEARED OF ALL OBSTRUCTIONS FOR FUTURE PILE DRIVING OPERATIONS
  - # PHOTOGRAPH OF EXISTING CONDITION, SEE SHEETS 07 THROUGH 14

THE ITEMS IDENTIFIED BELOW SHALL BE REMOVED ACCORDING TO DEMOLITION REQUIREMENTS SPECIFIED. THESE ITEMS ARE ALSO IDENTIFIED IN DIVE REPORT "BROWNSVILLE NAVIGATION DISTRICT CARGO DOCK #3, DEBRIS REPORT" CONDUCTED BY INDEPTH DIVING SERVICES LLC. ON OCTOBER 19, 2021 PROVIDED IN SPECIFICATION 02 41 00

- |                                       |                                   |
|---------------------------------------|-----------------------------------|
| 1. RIP RAP                            | 17. 8" x 4' STEEL PIPE            |
| 2. 3" x 30" STEEL PIPE                | 18. 24" FLAT TRIANGULAR PLATE     |
| 3. 2" x 12" FLAT BAR                  | 19. 6" x 6" STEEL PIPE            |
| 4. 18" x 18" x 12' TIMBER BOAT BUMPER | 20. CONCRETE FRAGMENT 60" x 72"   |
| 5. 12" x 24" FLAT PLATE               | 21. 12" x 3' STEEL PILE PAIR      |
| 6. 18" x 18" x 12' TIMBER BOAT BUMPER | 22. 6" x 48" STEEL PIPE           |
| 7. 12" x 12" WOOD PLANK               | 23. 6" x 48" STEEL PIPE           |
| 8. 18" x 18" x 12' TIMBER BOAT BUMPER | 24. 12" METAL SHEET               |
| 9. 18" x 18" x 12' TIMBER BOAT BUMPER | 25. 6" STEEL PIPE                 |
| 10. BROKEN PILE                       | 26. 6" STEEL PIPE                 |
| 11. 6" x 48" I-BEAM                   | 27. 6" ANGLE IRON                 |
| 12. 2" MOORING LINE                   | 28. 6" ANGLE IRON                 |
| 13. 2" MOORING LINE                   | 29. SHEET METAL                   |
| 14. TRIANGULAR 60" PLATE              | 30. 12" x 3' SHEET PILE PAIR      |
| 15. 6" x 6" STEEL PIPE                | 31. 16" x 40" CONCRETE DRAIN PIPE |
| 16. 6" x 2' PVC PIPE                  |                                   |

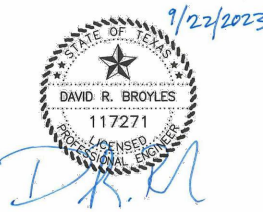
**BELOW DECK EXISTING/DEMO PLAN**  
1" = 20'



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**PORT OF BROWNSVILLE**  
the port that works  
**CARGO DOCK 3  
DEMOLITION**

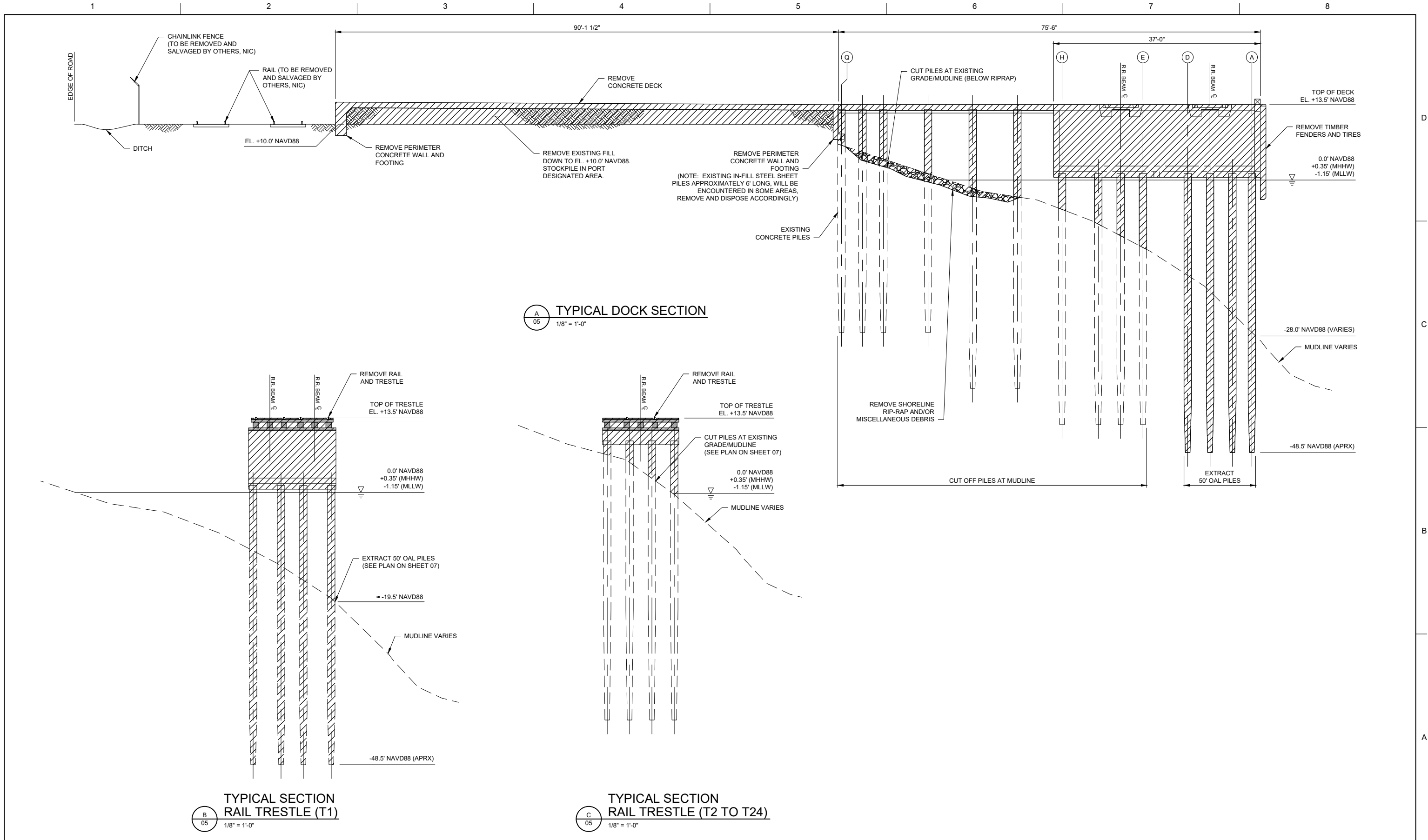
**BELOW DECK EXISTING/DEMO PLAN**

0 1" 2"  
1" = 20'

FILENAME: 00X-04.dwg  
SCALE: 1" = 20'

SHEET  
**07**





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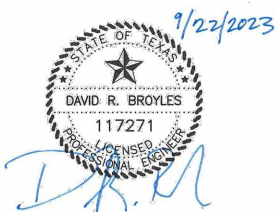






PHOTO 1



PHOTO 2



PHOTO 3



PHOTO 4



PHOTO 5



PHOTO 6



PHOTO 7



PHOTO 8



PHOTO 9



PHOTO 10





PHOTO 11



PHOTO 12



PHOTO 13



PHOTO 14



PHOTO 15



PHOTO 16



PHOTO 17



PHOTO 18



PHOTO 19



PHOTO 20

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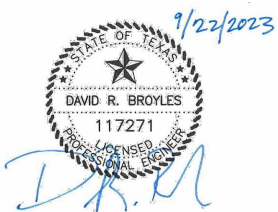






PHOTO 21



PHOTO 22

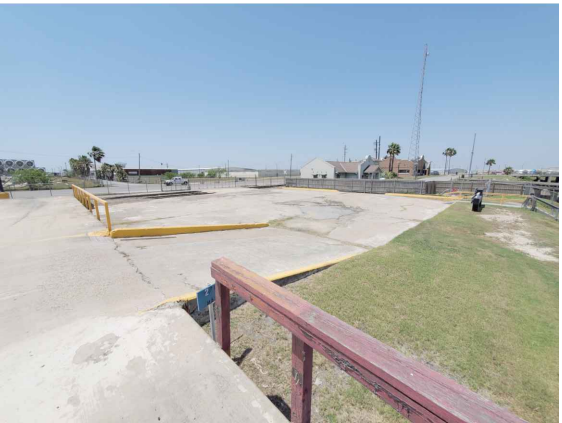


PHOTO 23



PHOTO 24



PHOTO 25



PHOTO 26



PHOTO 27



PHOTO 28



PHOTO 29



PHOTO 30





PHOTO 31



PHOTO 32



PHOTO 33



PHOTO 34



PHOTO 35



PHOTO 36



PHOTO 37



PHOTO 38



PHOTO 39



PHOTO 40

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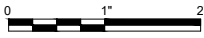
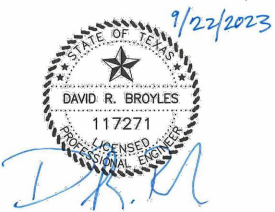






PHOTO 41



PHOTO 42



PHOTO 43



PHOTO 44



PHOTO 45



PHOTO 46



PHOTO 47



PHOTO 48



PHOTO 49



PHOTO 50





PHOTO 51



PHOTO 52



PHOTO 53



PHOTO 54



PHOTO 55



PHOTO 56



PHOTO 57

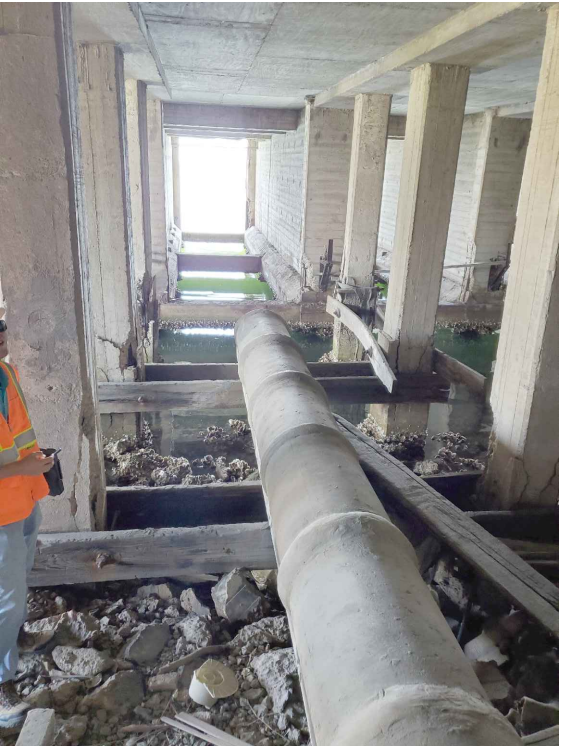


PHOTO 58



PHOTO 59

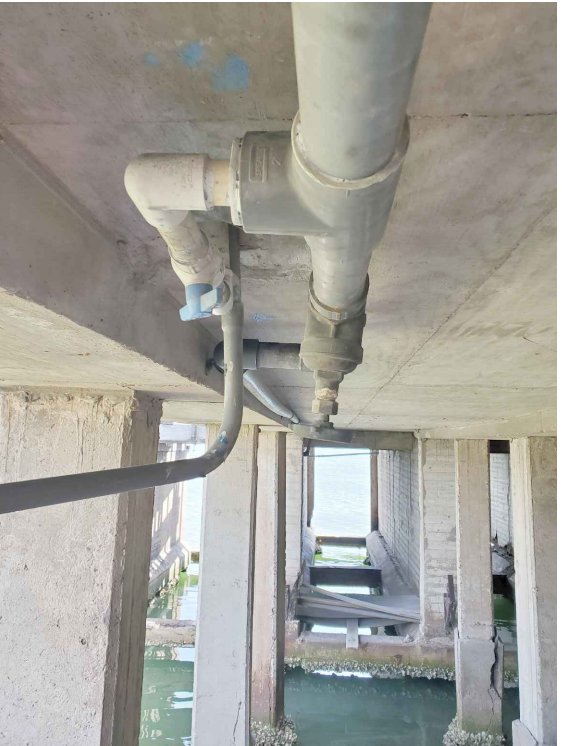


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