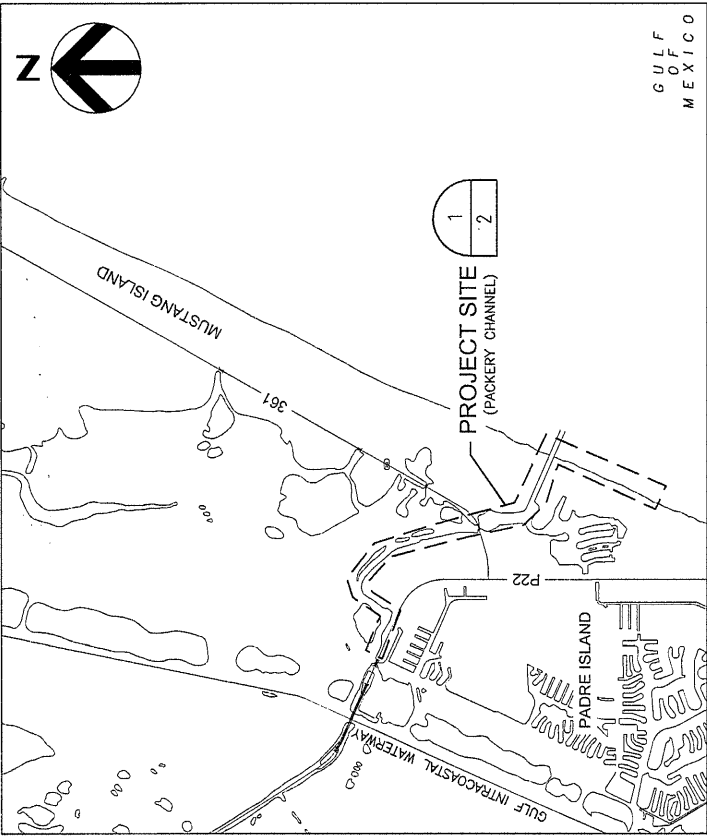
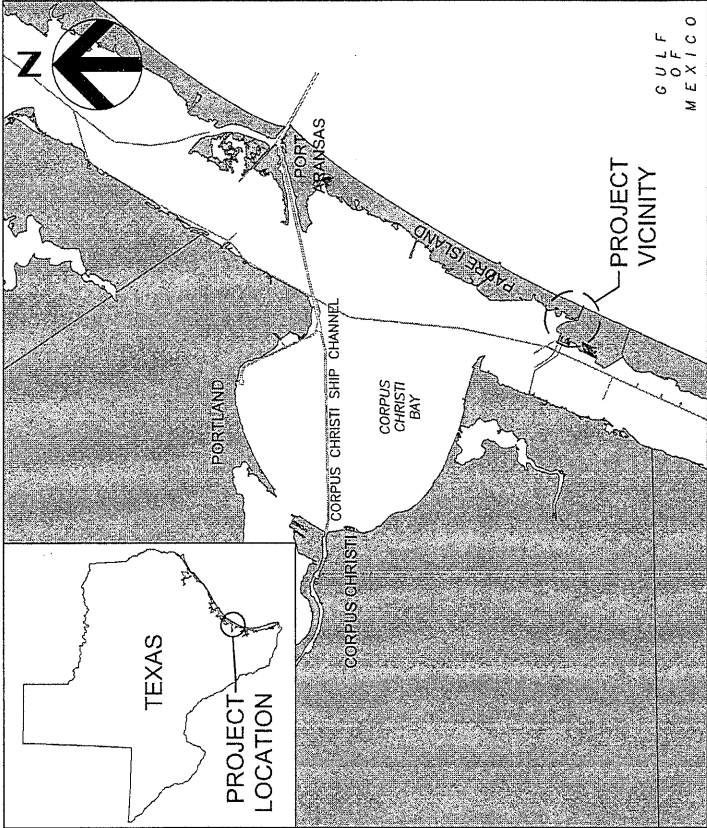




LOCATION MAP



VICINITY MAP

HDR PROJECT NO: 10027909

DATUM:

REV. DATE:

SHEET 1 OF 8

THIS DRAWING IS FOR REGULATORY PURPOSES ONLY AND IS NOT TO BE USED FOR BIDDING OR CONSTRUCTION

ACTIVITY: MAINTENANCE DREDGING AND BEACH NOURISHMENT

APPLICANT: CITY OF CORPUS CHRISTI

DATE: SEPTEMBER 14, 2017



Texas P.E. Firm  
Registration No. F-754



PLAN - PROJECT SITE 1  
SCALE: 0 1500' 3000'

ACTIVITY: MAINTENANCE DREDGING AND BEACH NOURISHMENT

APPLICANT: CITY OF CORPUS CHRISTI

DATE: SEPTEMBER 14, 2017

HDR PROJECT NO: 10027909

DATUM:

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SHEET 2 OF 8

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Texas P.E. Firm  
Registration No. F-754





PLAN - BEACH NOURISHMENT AREA

SCALE: 0 500' 1000'

LEGEND:  
--- PROPOSED TEMPORARY PIPELINE ROUTE

NOTES:

1. APPROXIMATELY 400,000 CY OF BEACH COMPATIBLE SAND TO BE PLACED IN BEACH NOURISHMENT AREA.
2. PIPELINE WILL BE PLACED LANDWARD OF MHW LINE.
3. LOCATION OF TEMPORARY PIPELINE IN CHANNEL AND ON BEACH VARIES.
4. OPTIONAL PUMP-OUT STATION WILL BE TEMPORARY AND FILTERED FOR DISCHARGE OF DREDGED MATERIAL TRANSPORTED FROM CHANNEL IN SCOWS INSTEAD OF BEING DIRECTLY PUMPED VIA CONTINUOUS PIPELINE.

HDR PROJECT NO: 10027909

DATUM:

REV. DATE:

SHEET 3 OF 8

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ACTIVITY: MAINTENANCE DREDGING AND BEACH NOURISHMENT

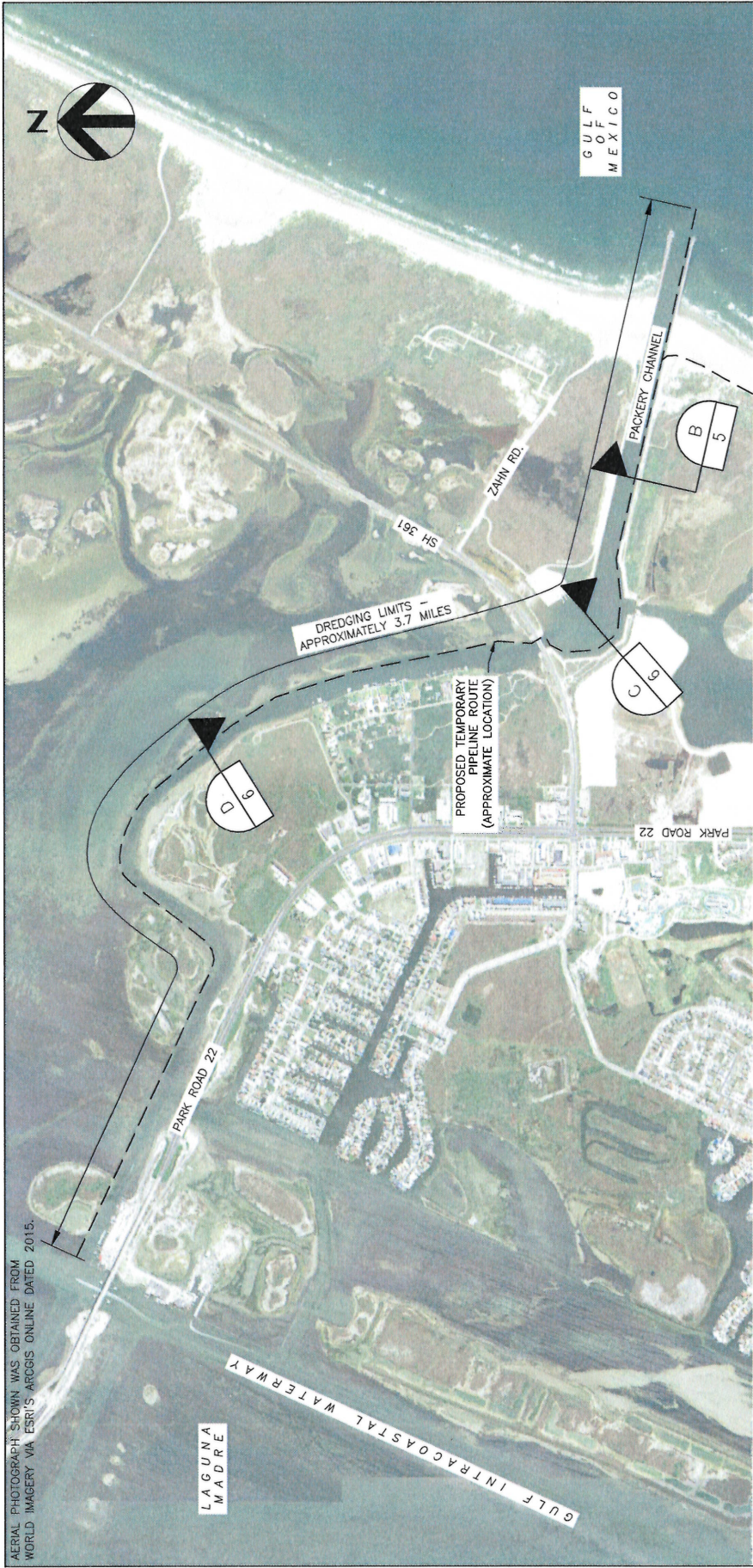
APPLICANT: CITY OF CORPUS CHRISTI

DATE: SEPTEMBER 14, 2017



Texas P.E. Firm  
Registration No. F-754





PLAN - DREDGE AREA 2

SCALE: 0 1000' 2000'

- LEGEND: ——— PROPOSED TEMPORARY PIPELINE ROUTE
- NOTES:
1. APPROXIMATELY 400,000 CY OF BEACH COMPATIBLE SAND TO BE PLACED IN BEACH NOURISHMENT AREA.
  2. PIPELINE WILL BE PLACED LANDWARD OF MHW LINE.
  3. LOCATION OF TEMPORARY PIPELINE IN CHANNEL AND ON BEACH VARIES.

ACTIVITY: MAINTENANCE DREDGING AND BEACH NOURISHMENT

APPLICANT: CITY OF CORPUS CHRISTI

DATE: SEPTEMBER 14, 2017

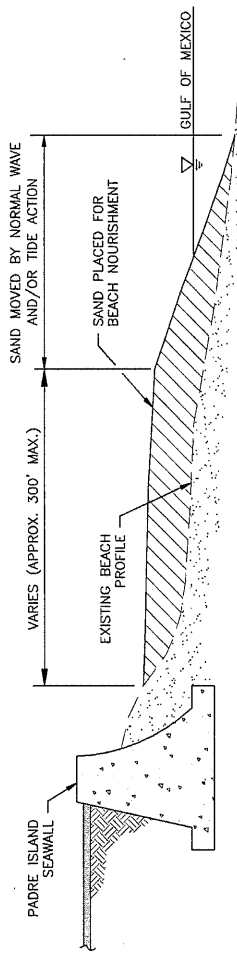
HDR PROJECT NO: 10027909

DATUM:

REV. DATE:

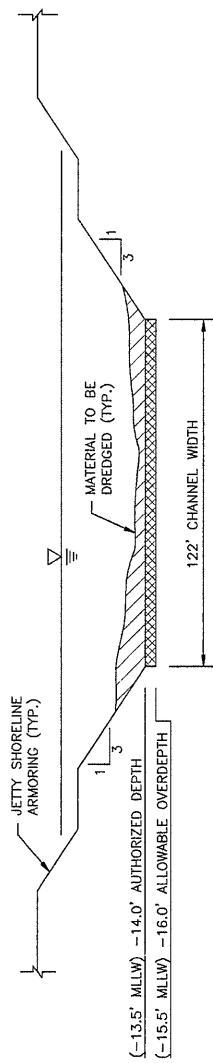
SHEET 4 OF 8

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TYPICAL SECTION - BEACH NOURISHMENT

SCALE: N.T.S.



TYPICAL SECTION - MAINTENANCE DREDGING

SCALE: N.T.S.

NOTES:

1. DISTRIBUTION OF MAINTENANCE MATERIAL IN CHANNEL VARIES SEASONALLY.
2. ALL ELEVATIONS ARE REFERENCED TO NAVD86.

HDR PROJECT NO: 10027909

DATUM:

REV. DATE:

SHEET 5 OF 8

ACTIVITY: MAINTENANCE DREDGING AND BEACH NOURISHMENT

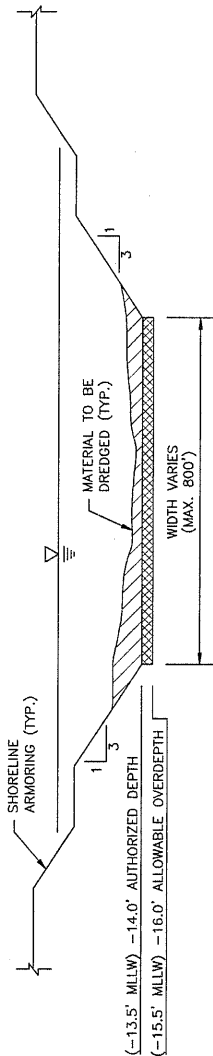
APPLICANT: CITY OF CORPUS CHRISTI

DATE: SEPTEMBER 14, 2017



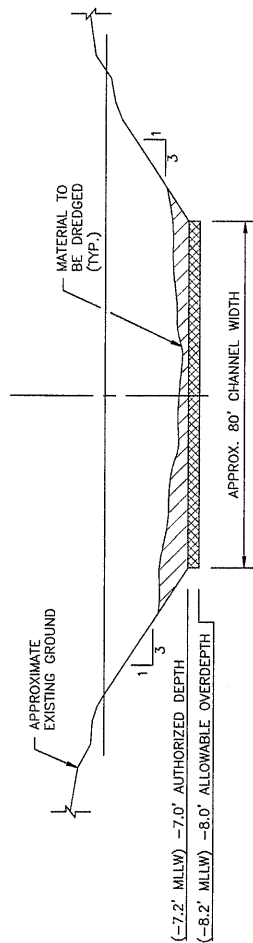
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TYPICAL SECTION - MAINTENANCE DREDGING

SCALE: N.T.S.



TYPICAL SECTION - MAINTENANCE DREDGING

SCALE: N.T.S.

NOTES:

1. DISTRIBUTION OF MAINTENANCE MATERIAL IN CHANNEL VARIES SEASONALLY.
2. ALL ELEVATIONS ARE REFERENCED TO NAVD88.

ACTIVITY: MAINTENANCE DREDGING AND BEACH NOURISHMENT

APPLICANT: CITY OF CORPUS CHRISTI

DATE: SEPTEMBER 14, 2017



Texas P.E. Firm  
Registration No. F-754

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SHEET 6 OF 8

THIS DRAWING IS FOR REGULATORY PURPOSES ONLY AND IS NOT TO BE USED FOR BIDDING OR CONSTRUCTION

GENERAL REQUIREMENTS:

- 1. SAND PLACED AS BEACH NOURISHMENT WILL BE FREE OF DEBRIS AND/OR EXCESSIVE CLAY/SILT MATERIAL THAT IS NOT CONSISTENT WITH BEACH QUALITY SAND NORMALLY FOUND ALONG THE ADJACENT GULF SHORELINE.

MONITORING REQUIREMENTS:

- 1. PRIOR TO COMMENCING A SAND REMOVAL EVENT, AN INITIAL TOPOGRAPHIC/ HYDROGRAPHIC SURVEY WILL BE PERFORMED OVER THE PORTION OF DREDGING AREA TO BE UTILIZED.
- 2. UPON COMPLETION OF A SAND REMOVAL EVENT, A FINAL TOPOGRAPHIC/ HYDROGRAPHIC SURVEY AND QUANTITY COMPUTATIONS WILL BE PERFORMED FOR THE PORTION OF DREDGING AREA PREVIOUSLY UTILIZED.
- 3. SUBSEQUENT SAND REMOVAL EVENTS MAY BE PERFORMED AT ANY TIME IF INITIAL SURVEY AND QUANTITY COMPUTATIONS INDICATE THAT NEW SAND HAS ACCUMULATED IN THE PORTION OF THE CHANNEL TO BE UTILIZED.

ENDANGERED SPECIES AVOIDANCE AND MINIMIZATION MEASURES:

- 1. APPLICANT SHALL REMAIN IN COMPLIANCE WITH CONDITIONS SET FORTH IN THE BIOLOGICAL OPINION DETAILED IN THE PREVIOUS DEPARTMENT OF THE ARMY PERMIT NO. SWG-2011-00159.



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Registration No. F-754

ACTIVITY: MAINTENANCE DREDGING AND BEACH NOURISHMENT

APPLICANT: CITY OF CORPUS CHRISTI

DATE: SEPTEMBER 14, 2017

HDR PROJECT NO: 10027909

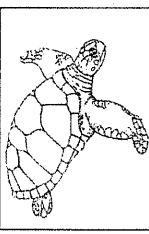
DATUM:

REV. DATE:

SHEET 7 OF 8

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SEP 18 2017

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|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div style="border: 1px solid black; padding: 10px; margin-bottom: 10px;"> <h3 style="text-align: center;">PROTECT SEA TURTLES</h3> <div style="text-align: center;">  </div> <p style="text-align: center;">REPORT ENTANGLED, HOOKED, INJURED, DEAD, OR ANY SEA TURTLES ON THE BEACH BY CALLING:<br/><b>(361) 949-8173</b></p> <p style="font-size: small; text-align: center;">IT IS UNLAWFUL TO TOUCH, FEED, HARASS OR ATTEMPT TO CATCH SEA TURTLES. ALL SEA TURTLES ARE PROTECTED BY FEDERAL AND STATE LAW. PLEASE REPORT VIOLATIONS TO A BEACH OFFICIAL OR THE POLICE.</p> </div> | <div style="border: 1px solid black; padding: 10px; margin-bottom: 10px;"> <h3 style="text-align: center;">PROTECT PIPING PLOVER</h3> <div style="text-align: center;">  </div> <p style="text-align: center;">REPORT HARASSMENT OF OR DANGER TO PIPING PLOVER ON THE BEACH BY CALLING:<br/><b>(361) 994-9005</b></p> <p style="font-size: small; text-align: center;">IT IS UNLAWFUL TO TOUCH, FEED, HARASS OR ATTEMPT TO CATCH PIPING PLOVER. ALL PIPING PLOVERS ARE PROTECTED BY FEDERAL AND STATE LAW. PLEASE REPORT VIOLATIONS TO A BEACH OFFICIAL OR THE POLICE.</p> </div> |
| <div style="border: 1px solid black; padding: 10px;"> <h3 style="text-align: center;">PROTECT RED KNOT</h3> <div style="text-align: center;">  </div> <p style="text-align: center;">REPORT HARASSMENT OF OR DANGER TO RED KNOT ON THE BEACH BY CALLING:<br/><b>(361) 994-9005</b></p> <p style="font-size: small; text-align: center;">IT IS UNLAWFUL TO TOUCH, FEED, HARASS OR ATTEMPT TO CATCH RED KNOT. ALL RED KNOTS ARE PROTECTED BY FEDERAL AND STATE LAW. PLEASE REPORT VIOLATIONS TO A BEACH OFFICIAL OR THE POLICE.</p> </div>                                               | <p style="text-align: right;"><b>NOTES:</b></p> <ol style="list-style-type: none"> <li>1. WARNING SIGNS SHALL BE PLACED AT ENTRANCES TO CONSTRUCTION AREAS.</li> </ol>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |



ACTIVITY: MAINTENANCE DREDGING AND BEACH NOURISHMENT

APPLICANT: CITY OF CORPUS CHRISTI

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HDR PROJECT NO: 10027909

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REV. DATE:

SHEET 8 OF 8

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