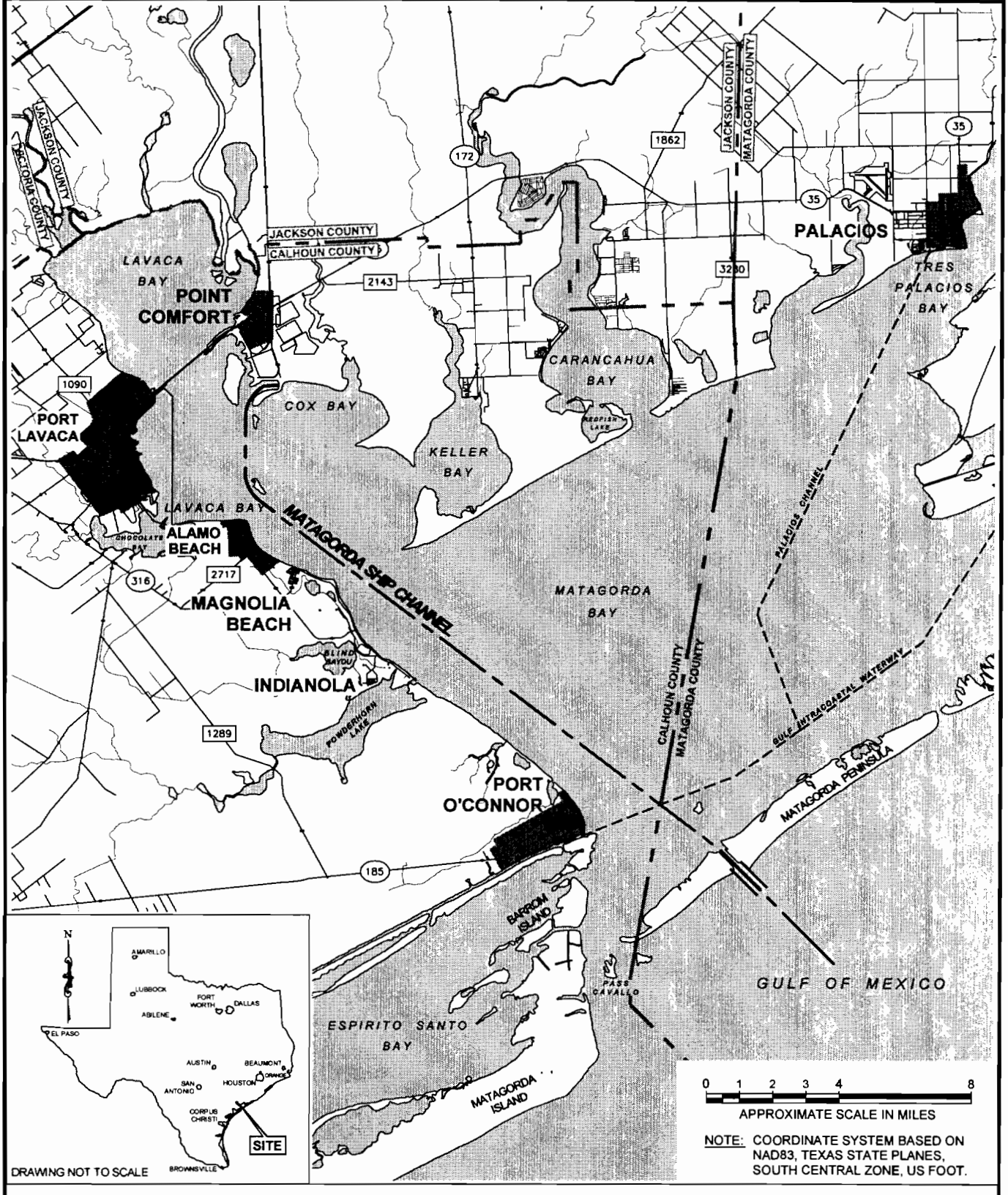

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SITE VICINITY MAP

MATAGORDA SHIP CHANNEL IMPROVEMENT PROJECT

MATAGORDA AND CALHOUN COUNTIES, TEXAS

CALHOUN COUNTY NAVIGATION DISTRICT

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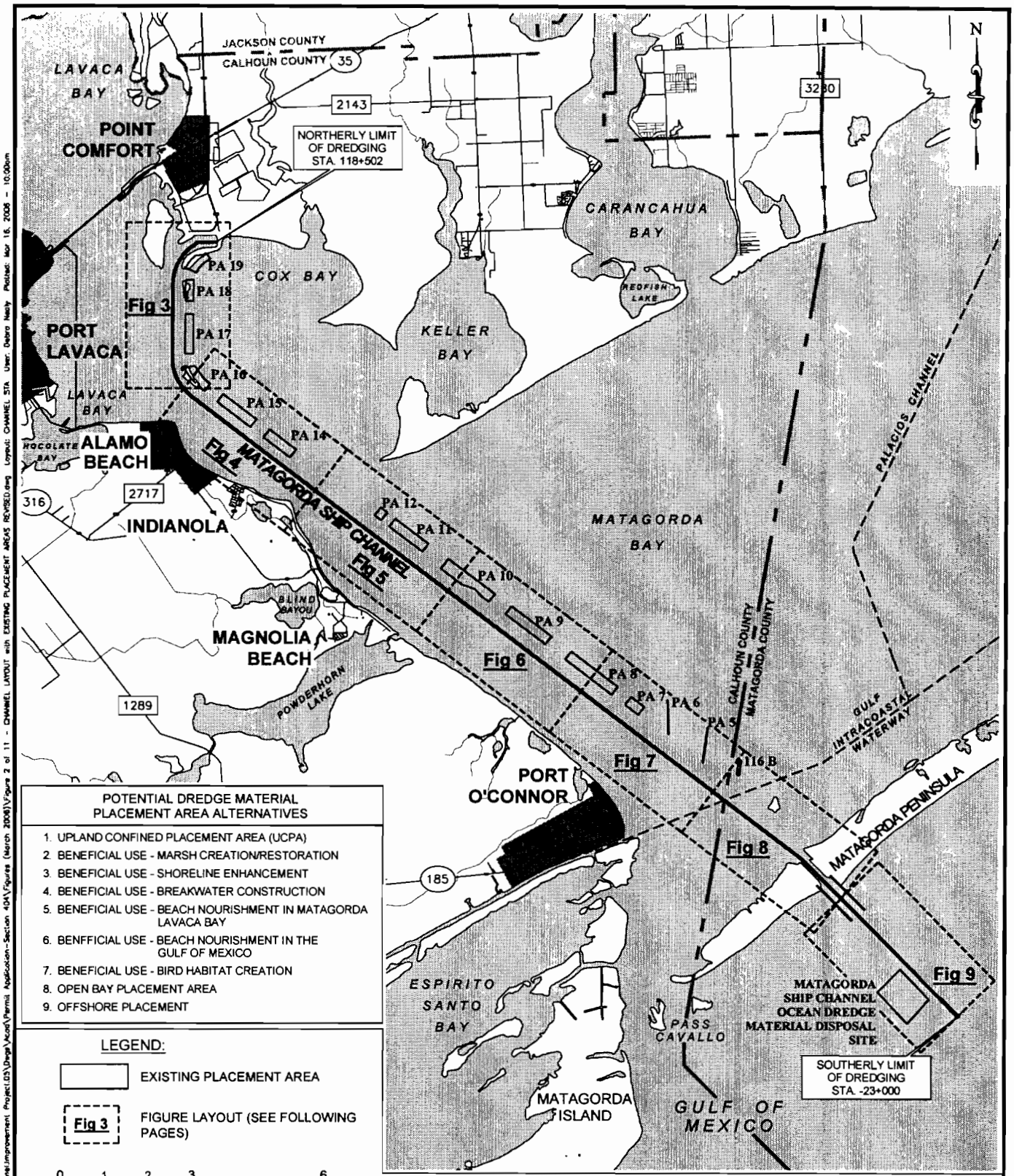
FIGURE 1 OF 11

File: K:\ENG\25008809.Matagorda Ship Channel.Improvement Project.05\Dwgs\Acad\Permit Application-Section 404\Figures (March 2006)\Figure 1 of 11 - SITE VICINITY MAP REVISED.dwg Layout: VICINITY User: Debra Neely Plotted: Mar 18, 2006 - 9:56



POTENTIAL DREDGE MATERIAL PLACEMENT AREA ALTERNATIVES

1. UPLAND CONFINED PLACEMENT AREA (UCPA)
2. BENEFICIAL USE - MARSH CREATION/RESTORATION
3. BENEFICIAL USE - SHORELINE ENHANCEMENT
4. BENEFICIAL USE - BREAKWATER CONSTRUCTION
5. BENEFICIAL USE - BEACH NOURISHMENT IN MATAGORDA LAVACA BAY
6. BENFFICIAL USE - BEACH NOURISHMENT IN THE GULF OF MEXICO
7. BENEFICIAL USE - BIRD HABITAT CREATION
8. OPEN BAY PLACEMENT AREA
9. OFFSHORE PLACEMENT

LEGEND:

EXISTING PLACEMENT AREA

Fig 3 FIGURE LAYOUT (SEE FOLLOWING PAGES)

0 1 2 3 6

APPROXIMATE SCALE IN MILES

NOTE: COORDINATE SYSTEM BASED ON NAD83, TEXAS STATE PLANES, SOUTH CENTRAL ZONE, US FOOT.

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CHANNEL LAYOUT WITH EXISTING AND POTENTIAL PLACEMENT AREAS

MATAGORDA SHIP CHANNEL IMPROVEMENT PROJECT

MATAGORDA AND CALHOUN COUNTIES, TEXAS

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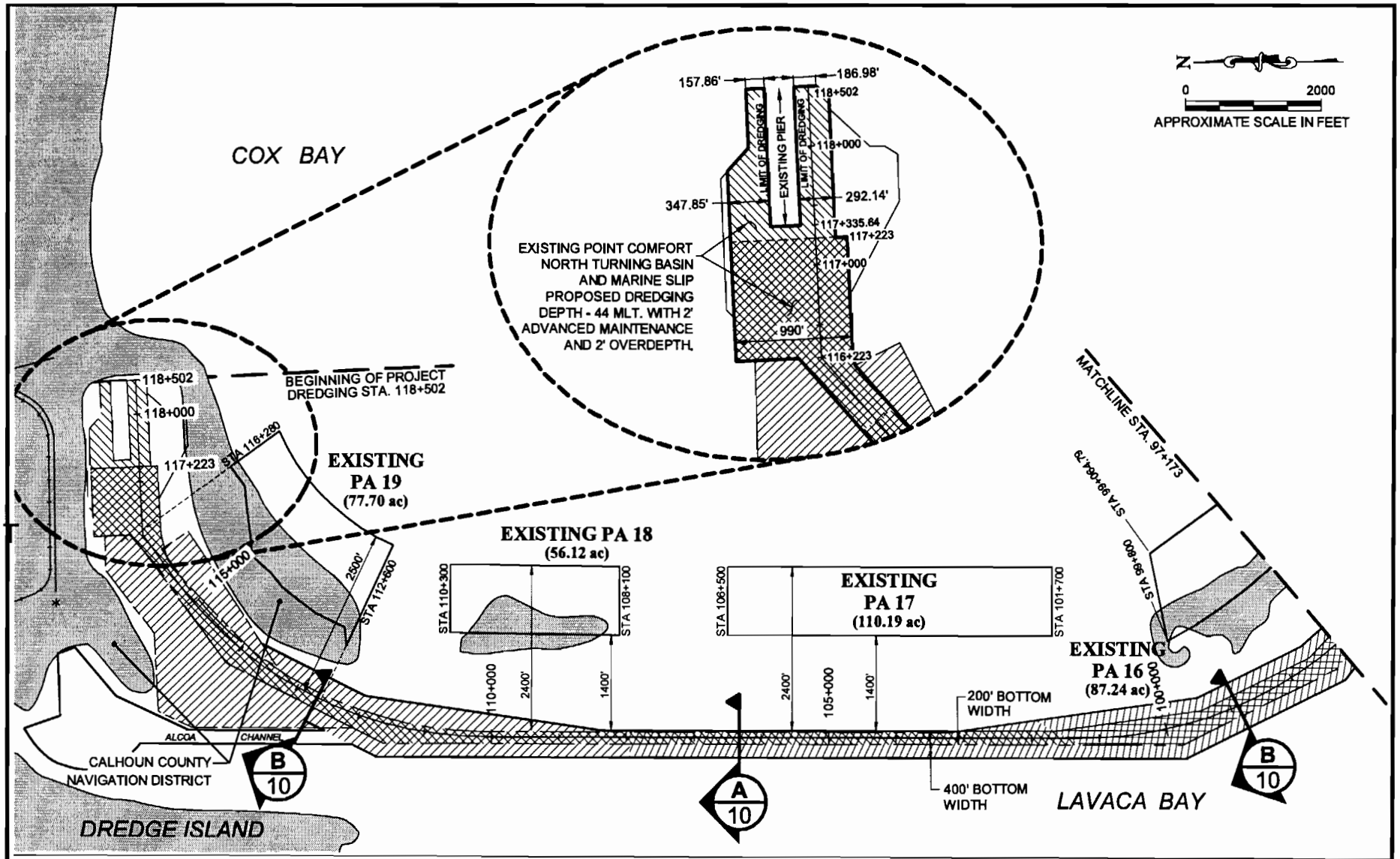
FIGURE 2 OF 11

File: K:\ENG\25008809.Matagorda Ship Channel Improvement Project.05\Dwgs\Acad\Permit Application-Section 404\Figures (March 2006)\Figure 2 of 11 - CHANNEL LAYOUT with EXISTING PLACEMENT AREAS REVISED.dwg Layout: CHANNEL STA User: Debra Nealy Plotted: Mar 16, 2006 - 10:00am



NOTES:

1. COORDINATE SYSTEM BASED ON NAD83, TEXAS STATE PLANES, SOUTH CENTRAL ZONE, US FOOT.
2. SEE FIGURE 10 FOR THE CHANNEL CROSS SECTIONS.
3. THIS DOCUMENT IS RELEASED FOR PERMITTING ON JANUARY 10, 2006 UNDER AUTHORITY OF MARK E. MAZOCH, P.E., #81099. IT IS NOT TO BE USED FOR CONSTRUCTION, OR BIDDING PURPOSES.

LEGEND:

PROPOSED CHANNEL

EXISTING FEDERAL CHANNEL

CHANNEL DREDGING PLAN
CHANNEL STA. 118+502 to STA. 97+173

MATAGORDA SHIP CHANNEL IMPROVEMENT PROJECT

MATAGORDA AND CALHOUN COUNTIES, TEXAS

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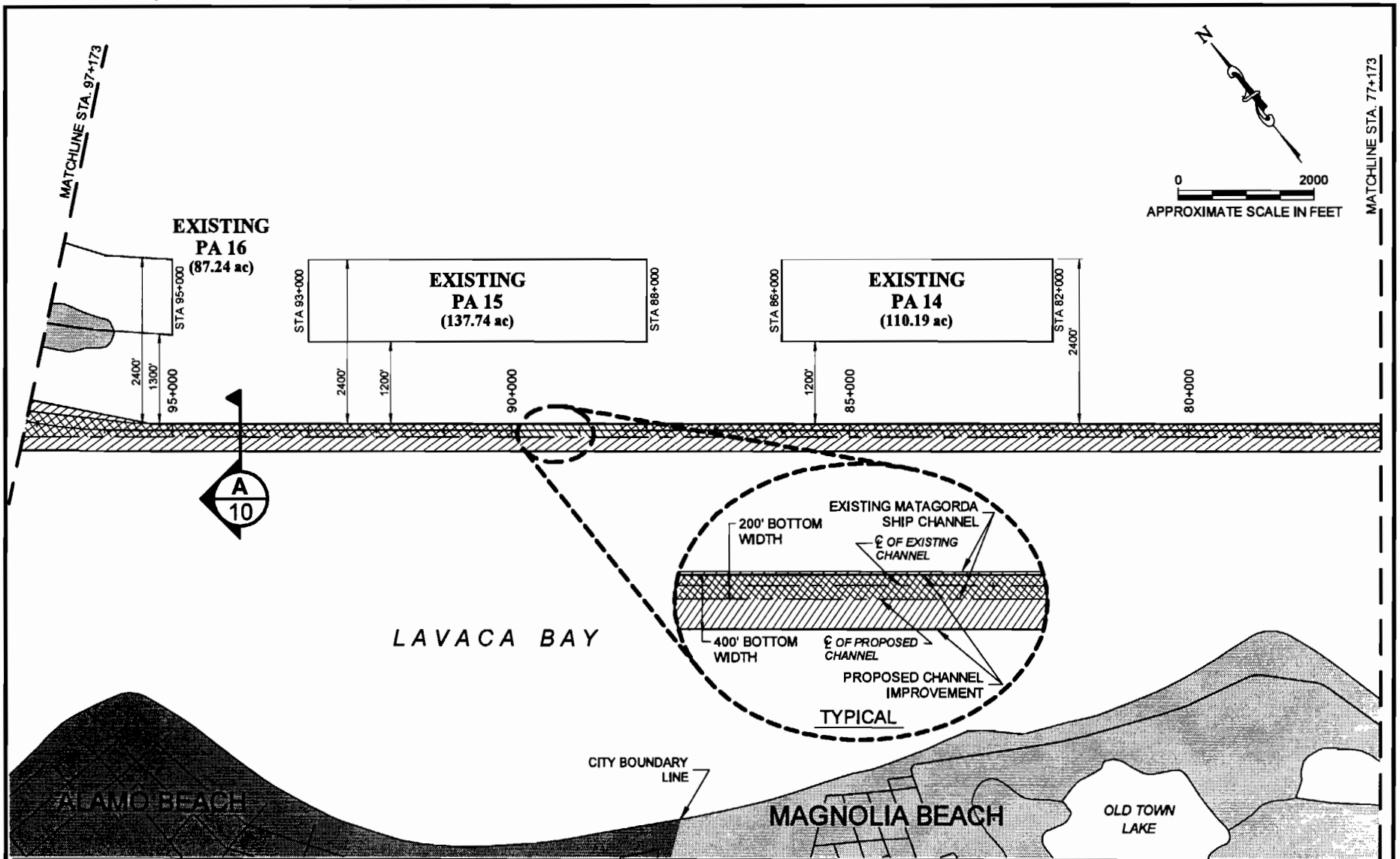
FIGURE 3 OF 11

MAR 16 2006



NOTES:

1. COORDINATE SYSTEM BASED ON NAD83, TEXAS STATE PLANES, SOUTH CENTRAL ZONE, US FOOT.
2. SEE FIGURE 10 FOR THE CHANNEL CROSS SECTIONS.
3. THIS DOCUMENT IS RELEASED FOR PERMITTING ON JANUARY 10, 2006 UNDER AUTHORITY OF MARK E. MAZOCH, P.E., #81099. IT IS NOT TO BE USED FOR CONSTRUCTION, OR BIDDING PURPOSES.

LEGEND:

PROPOSED CHANNEL

EXISTING FEDERAL CHANNEL

CHANNEL DREDGING PLAN
CHANNEL STA. 97+173 to STA. 77+173

MATAGORDA SHIP CHANNEL IMPROVEMENT PROJECT

MATAGORDA AND CALHOUN COUNTIES, TEXAS

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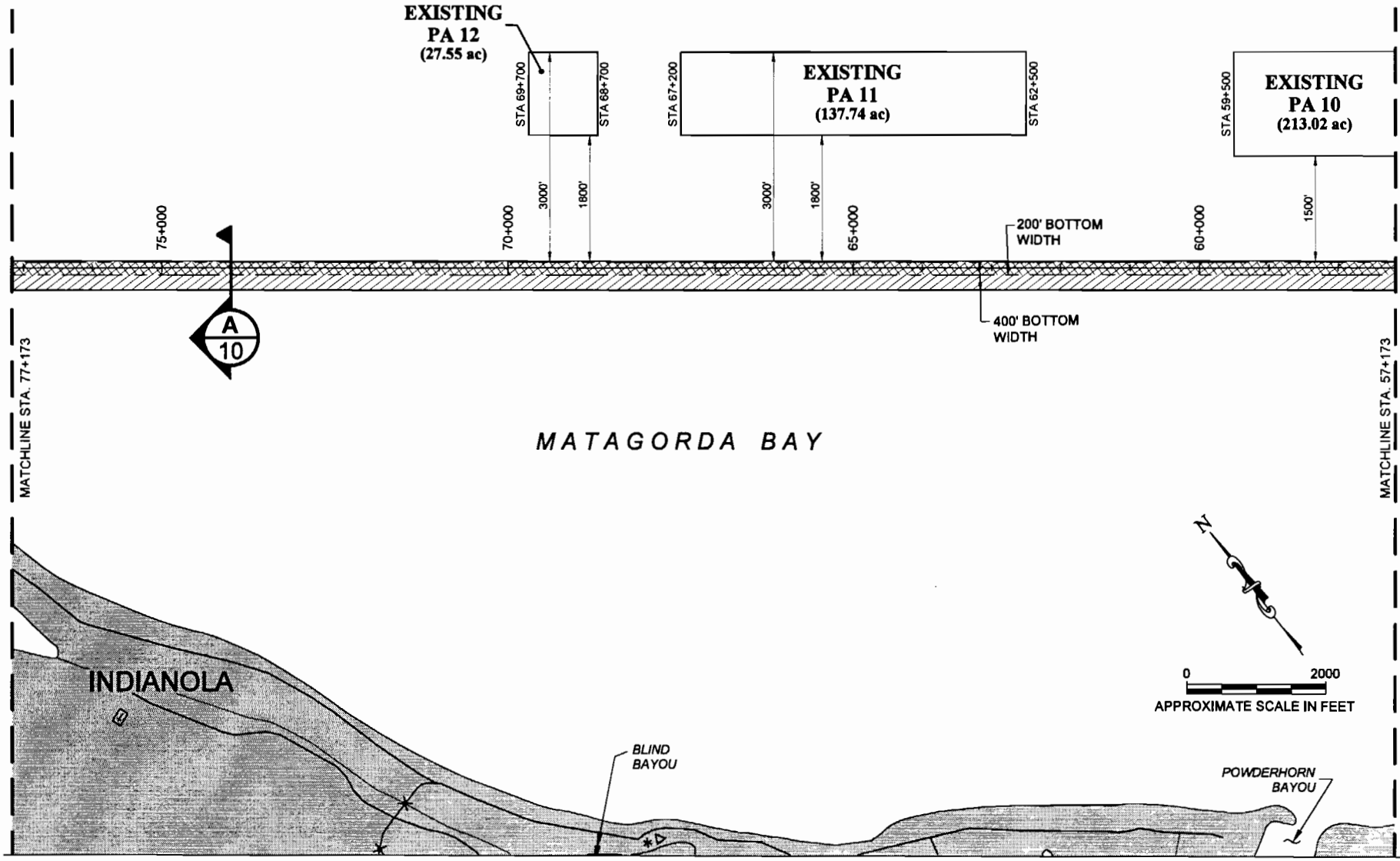
FIGURE 4 OF 11



NOTES:

1. COORDINATE SYSTEM BASED ON NAD83, TEXAS STATE PLANES, SOUTH CENTRAL ZONE, US FOOT.
2. SEE FIGURE 10 FOR THE CHANNEL CROSS SECTIONS.
3. THIS DOCUMENT IS RELEASED FOR PERMITTING ON JANUARY 10, 2006 UNDER AUTHORITY OF MARK E. MAZOCH, P.E., #81099. IT IS NOT TO BE USED FOR CONSTRUCTION, OR BIDDING PURPOSES.

LEGEND:

PROPOSED CHANNEL

EXISTING FEDERAL CHANNEL

CHANNEL DREDGING PLAN
CHANNEL STA. 77+173 to STA. 57+173

MATAGORDA SHIP CHANNEL IMPROVEMENT PROJECT

MATAGORDA AND CALHOUN COUNTIES, TEXAS

CALHOUN COUNTY NAVIGATION DISTRICT

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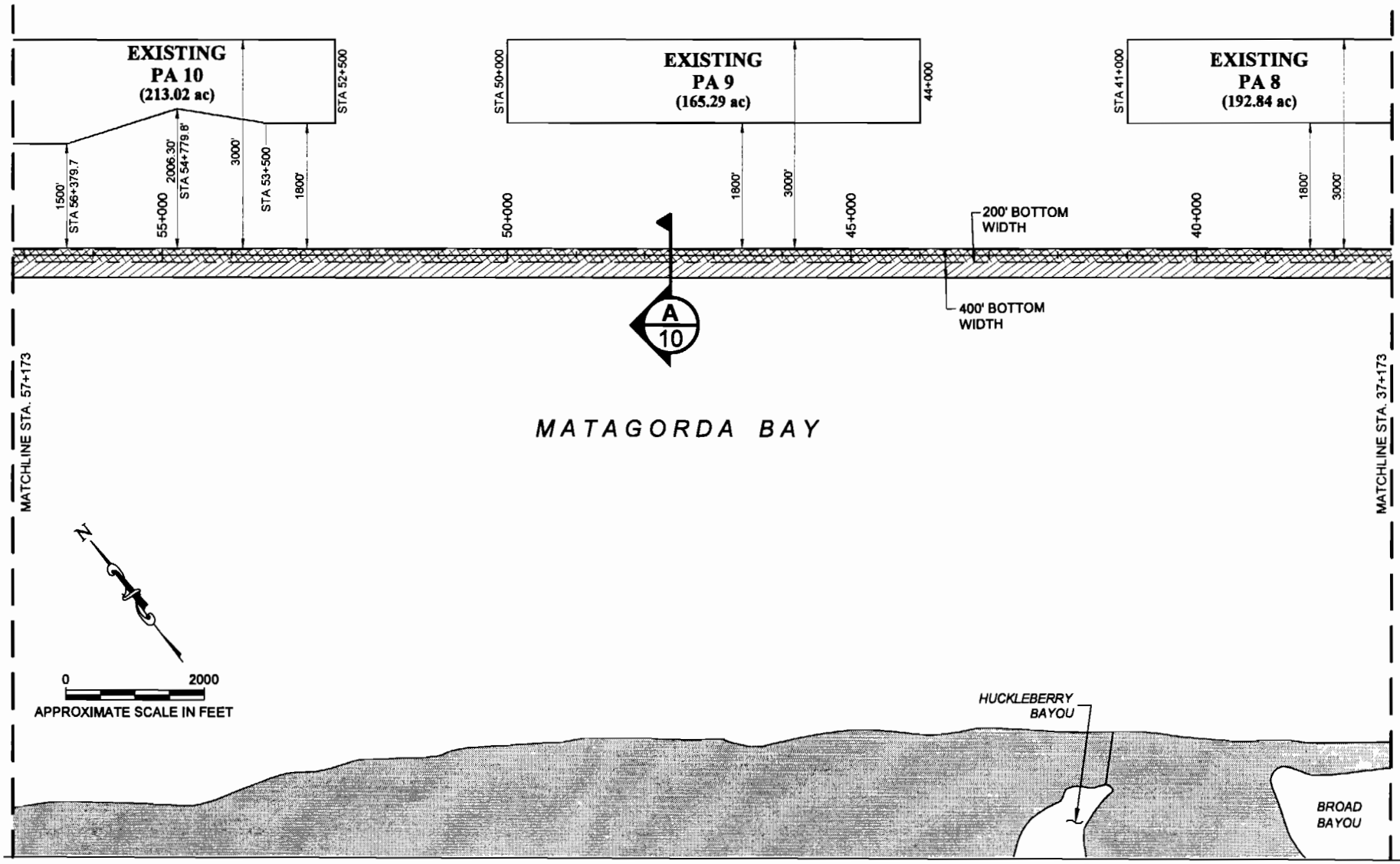
FIGURE 5 OF 11



NOTES:

1. COORDINATE SYSTEM BASED ON NAD83, TEXAS STATE PLANES, SOUTH CENTRAL ZONE, US FOOT.
2. SEE FIGURE 10 FOR THE CHANNEL CROSS SECTIONS.
3. THIS DOCUMENT IS RELEASED FOR PERMITTING ON JANUARY 10, 2006 UNDER AUTHORITY OF MARK E. MAZOCH, P.E., #81099. IT IS NOT TO BE USED FOR CONSTRUCTION, OR BIDDING PURPOSES.

LEGEND:

PROPOSED CHANNEL

EXISTING FEDERAL CHANNEL

CHANNEL DREDGING PLAN
CHANNEL STA. 57+173 to STA. 37+173

MATAGORDA SHIP CHANNEL IMPROVEMENT PROJECT

MATAGORDA AND CALHOUN COUNTIES, TEXAS

CALHOUN COUNTY NAVIGATION DISTRICT

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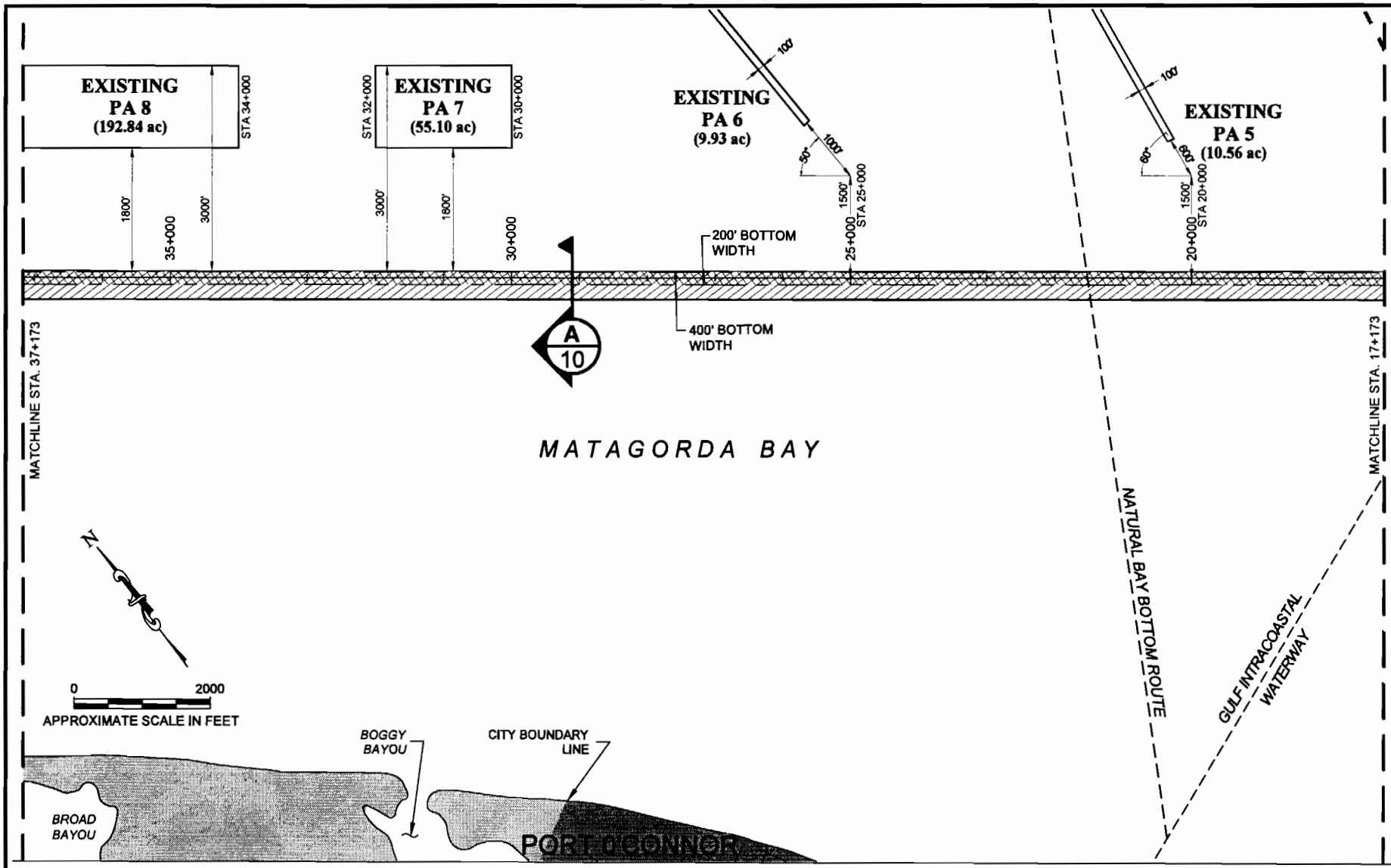
FIGURE 6 OF 11



NOTES:

1. COORDINATE SYSTEM BASED ON NAD83, TEXAS STATE PLANES, SOUTH CENTRAL ZONE, US FOOT.
2. SEE FIGURE 10 FOR THE CHANNEL CROSS SECTIONS.
3. THIS DOCUMENT IS RELEASED FOR PERMITTING ON JANUARY 10, 2006 UNDER AUTHORITY OF MARK E. MAZOCH, P.E., #81099. IT IS NOT TO BE USED FOR CONSTRUCTION, OR BIDDING PURPOSES.

LEGEND:

PROPOSED CHANNEL

EXISTING FEDERAL CHANNEL

CHANNEL DREDGING PLAN
CHANNEL STA. 37+173 to STA. 17+173

MATAGORDA SHIP CHANNEL IMPROVEMENT PROJECT

MATAGORDA AND CALHOUN COUNTIES, TEXAS

CALHOUN COUNTY NAVIGATION DISTRICT

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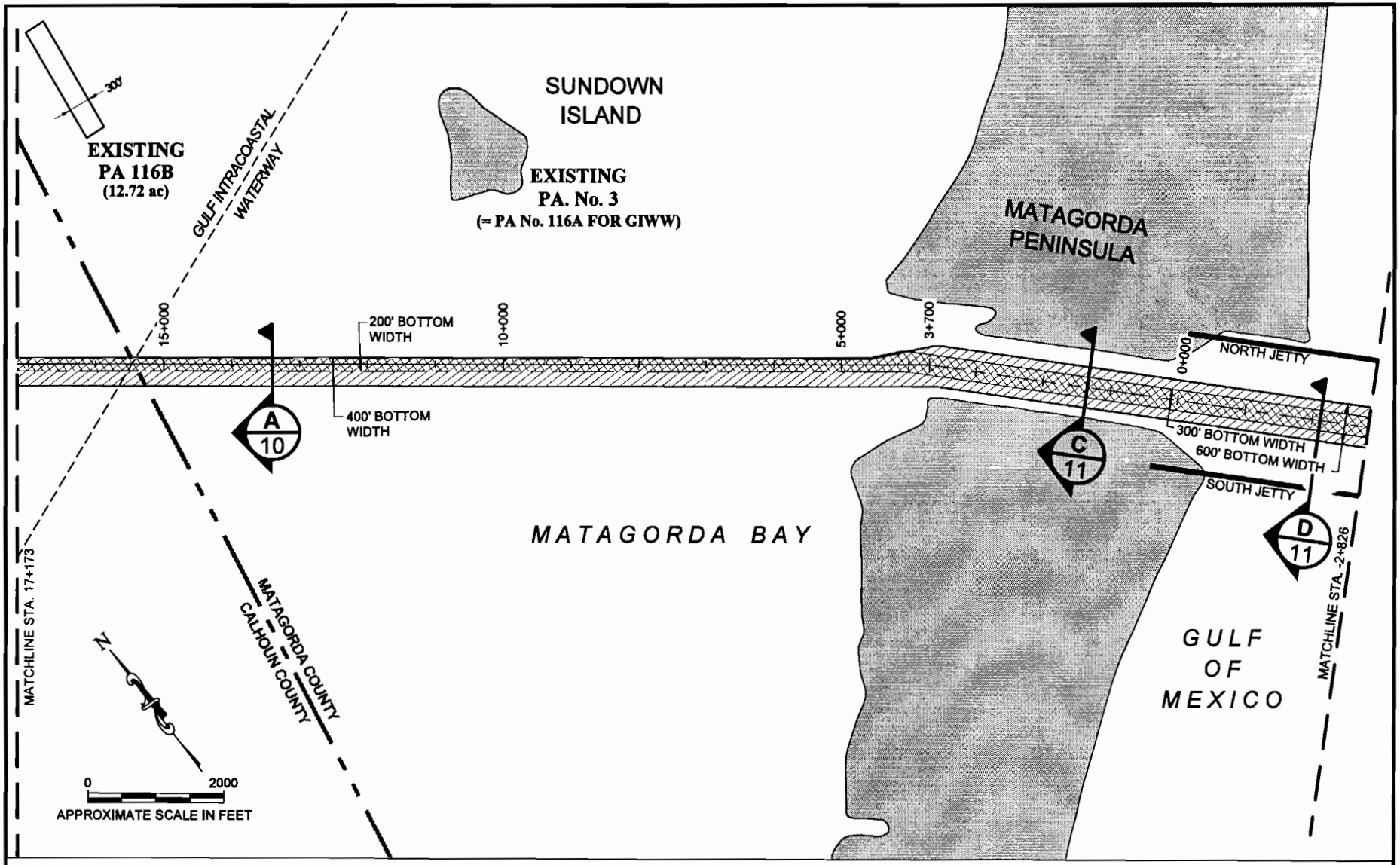
FIGURE 7 OF 11



NOTES:

1. COORDINATE SYSTEM BASED ON NAD83, TEXAS STATE PLANES, SOUTH CENTRAL ZONE, US FOOT.
2. SEE FIGURE 10 AND FIGURE 11 FOR THE CHANNEL CROSS SECTIONS.
3. THIS DOCUMENT IS RELEASED FOR PERMITTING ON JANUARY 10, 2006 UNDER AUTHORITY OF MARK E. MAZOCH, P.E., #81099. IT IS NOT TO BE USED FOR CONSTRUCTION, OR BIDDING PURPOSES.

LEGEND:

PROPOSED CHANNEL

EXISTING FEDERAL CHANNEL

CHANNEL DREDGING PLAN
CHANNEL STA. 17+173 to STA. -2+826

MATAGORDA SHIP CHANNEL IMPROVEMENT PROJECT

MATAGORDA AND CALHOUN COUNTIES, TEXAS

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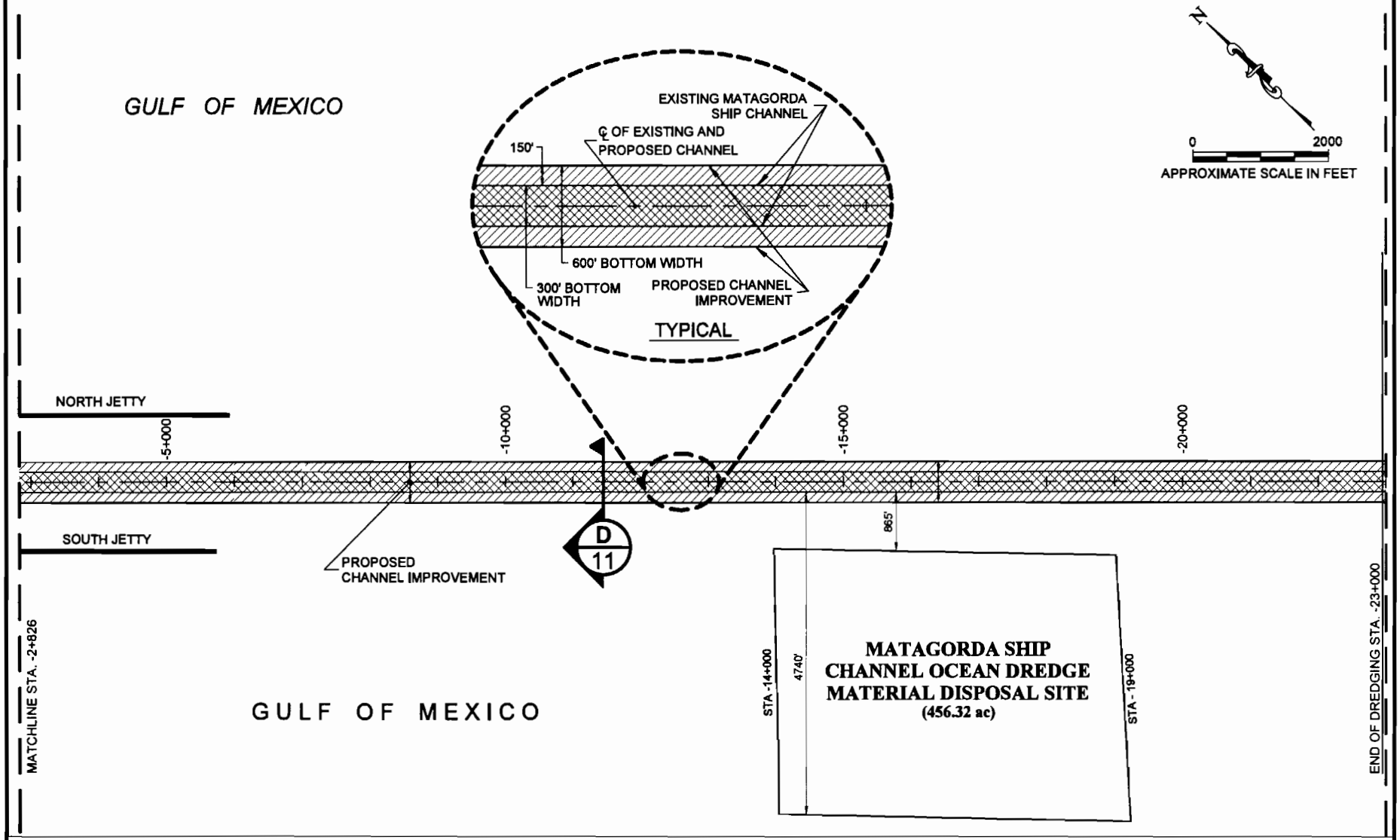
FIGURE 8 OF 11



NOTES:

1. COORDINATE SYSTEM BASED ON NAD83, TEXAS STATE PLANES, SOUTH CENTRAL ZONE, US FOOT.
2. SEE FIGURE 11 FOR THE CHANNEL CROSS SECTION.
3. THIS DOCUMENT IS RELEASED FOR PERMITTING ON JANUARY 10, 2006 UNDER AUTHORITY OF MARK E. MAZOCH, P.E., #81099. IT IS NOT TO BE USED FOR CONSTRUCTION, OR BIDDING PURPOSES.

LEGEND:

- PROPOSED CHANNEL
- EXISTING FEDERAL CHANNEL

CHANNEL DREDGING PLAN
CHANNEL STA. -2+826 to STA. -23+000

MATAGORDA SHIP CHANNEL IMPROVEMENT PROJECT

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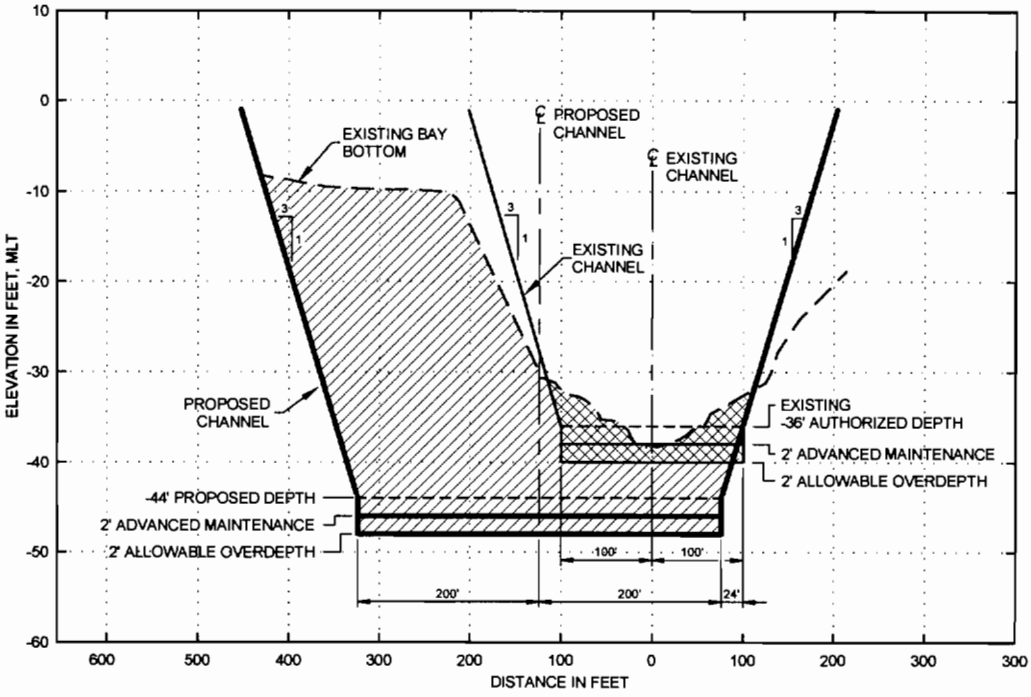
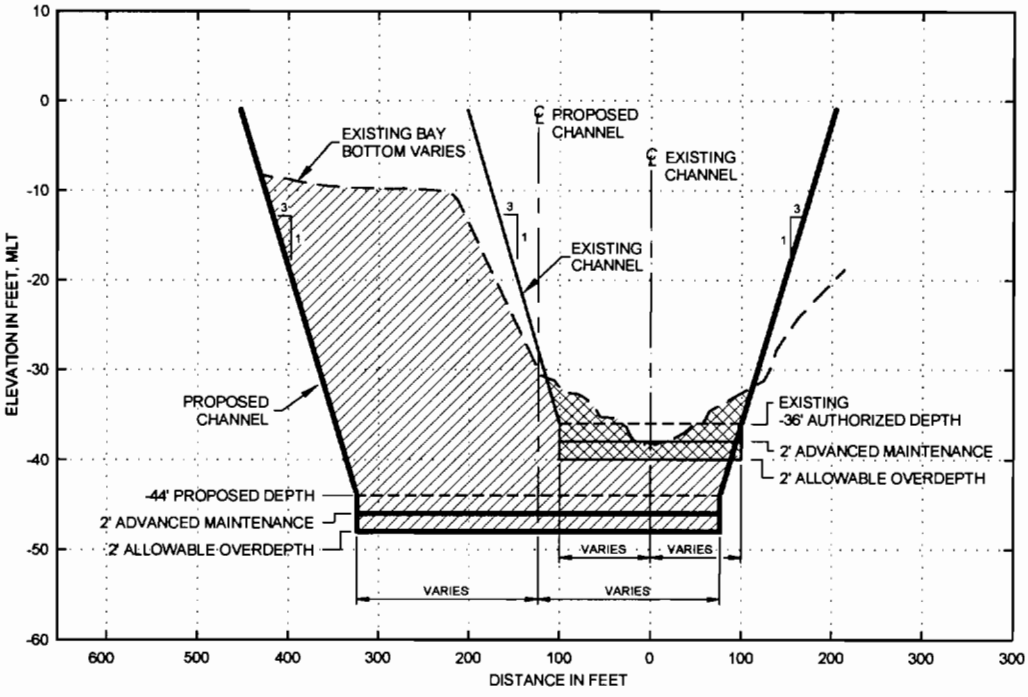
FIGURE 9 OF 11



A/10 CROSS SECTION
BAY REACH



B/10 CROSS SECTION
BAY REACH

LEGEND:

- AREA TO BE DREDGED FOR NEW WORK
- MAINTENANCE MATERIAL

NOTES:

1. CHANNEL SECTIONS ARE NOT TO SCALE.
2. CROSS SECTIONS VIEWED LOOKING TOWARDS DECREASING STATIONS.
3. ELEVATIONS ARE REFERENCED TO MEAN LOW TIDE DATUM.
4. SEE FIGURE 3 THROUGH FIGURE 8 FOR CROSS SECTION LOCATIONS.
5. THIS DOCUMENT IS RELEASED FOR PERMITTING ON JANUARY 10, 2006 UNDER AUTHORITY OF MARK E. MAZOCH, P.E., #81099. IT IS NOT TO BE USED FOR CONSTRUCTION, OR BIDDING PURPOSES.

CHANNEL CROSS SECTIONS

MATAGORDA SHIP CHANNEL IMPROVEMENT PROJECT

MATAGORDA AND CALHOUN COUNTIES, TEXAS

CALHOUN COUNTY NAVIGATION DISTRICT

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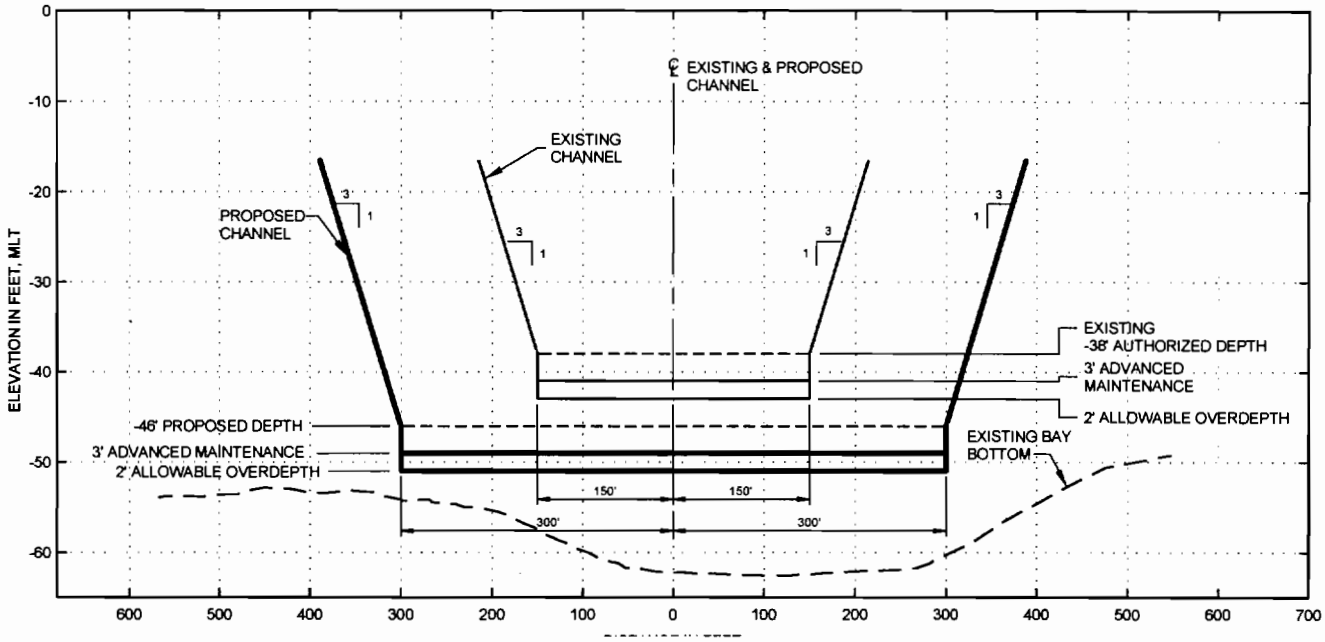
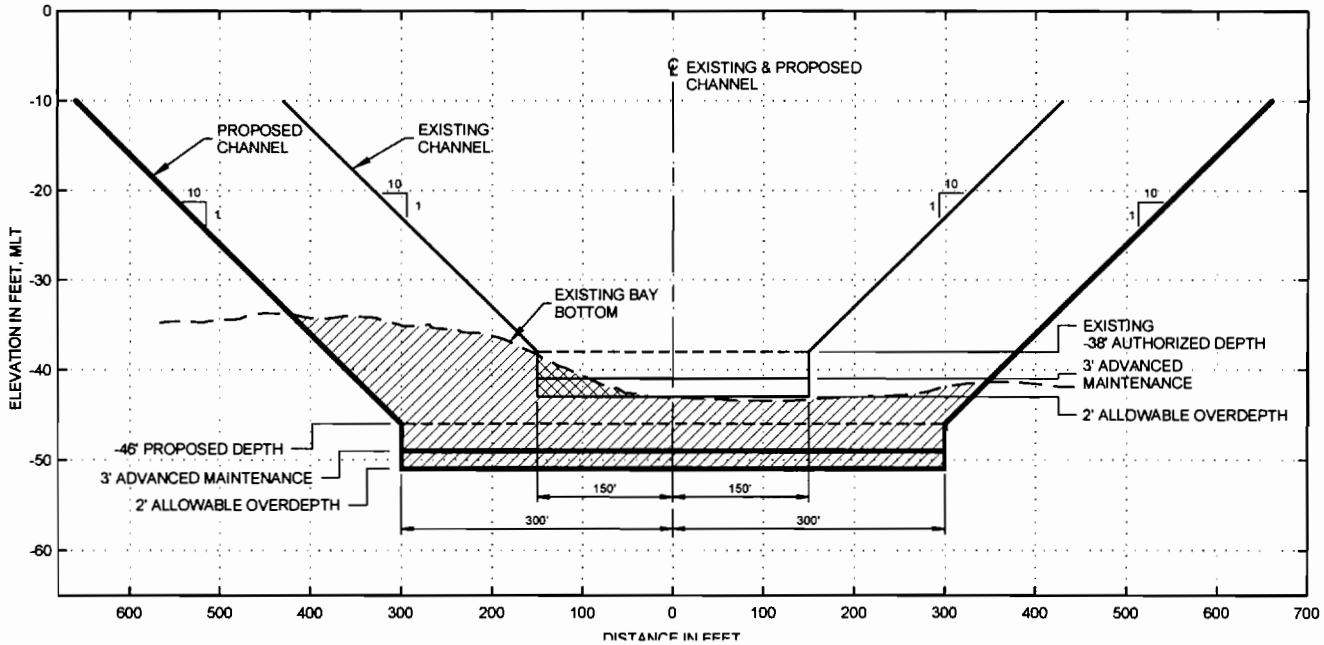
PERMIT NO. 24071

FIGURE 10 OF 11

File: K:\ENG\250008609.Matagorda Ship Channel Improvement Project.05\Dwgs\Acad\Permit Application-Section 404\Figures (March 2006)\Figure 10 of 11 - CHANNEL CROSS SECTIONS REVISED.dwg Layout: SECTION A B User: Debra Neely Plotted: Mar 16, 2



C/11 CROSS SECTION
OFFSHORE REACH
STATION 3+700 TO
STATION -1+000



D/11 CROSS SECTION
OFFSHORE REACH
STATION -1+000 TO
STATION -23+000

LEGEND:

- AREA TO BE DREDGED FOR NEW WORK
- MAINTENANCE MATERIAL

NOTES:

1. CHANNEL SECTIONS ARE NOT TO SCALE.
2. CROSS SECTIONS VIEWED LOOKING TOWARDS DECREASING STATIONS.
3. ELEVATIONS ARE REFERENCED TO MEAN LOW TIDE DATUM.
4. SEE FIGURE 8 AND FIGURE 9 FOR CROSS SECTION LOCATIONS.
5. THIS DOCUMENT IS RELEASED FOR PERMITTING ON JANUARY 10, 2006 UNDER AUTHORITY OF MARK E. MAZOCH, P.E., #81099. IT IS NOT TO BE USED FOR CONSTRUCTION, OR BIDDING PURPOSES.

CHANNEL CROSS SECTIONS

MATAGORDA SHIP CHANNEL IMPROVEMENT PROJECT

MATAGORDA AND CALHOUN COUNTIES, TEXAS

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FIGURE 11 OF 11

File: K:\DWG\25008808.Matagorda Ship Channel Improvement Project.05\Dwgs\Acad\Permit Application-Section 404\Figures (March 2006)\Figure 10 of 11 - CHANNEL CROSS SECTIONS REVISED.dwg Layout: SECTION C D User: Debra Neely Plotted: Mar 16, 2006 - 10:04am