

Exhibit 5

Implementation Plan for Recreational Projects

1.0 INTRODUCTION

To compensate for the interim recreational fishing service losses resulting from releases of hazardous substances at or from the Alcoa Point Comfort/Lavaca Bay Site, Alcoa shall construct each of the Recreational Projects described in this Implementation Plan.

The Trustees have determined that if the constructed Recreational Projects meet the construction criteria outlined in this Implementation Plan, there is reasonable assurance that the recreational fishing services needed to offset service losses will be provided over time.

Use surveys will be conducted to develop information about the utilization of these projects. However, these surveys are for information purposes only and no corrective action shall be required of Alcoa if such goals are not met.

2.0 PROJECT IMPLEMENTATION

The Recreational Projects consist of improvements to be constructed at the Six Mile Park, Point Comfort Park, Bayfront Peninsula, Lighthouse Beach, and Magnolia Beach, as follows:

- a. Six Mile Park. At the Project Site identified as "Six Mile Park" on Exhibit 1 to the Consent Decree, Alcoa shall construct a new fishing pier.
- b. Six Mile Park. At the Project Site identified as "Six Mile Park" on Exhibit 1 to the Consent Decree, Alcoa shall replace the existing auxiliary boat ramp, construct a new timber dock, stabilize the bulkhead and shoreline areas at the ramp and dredge the channel to and from the ramp to provide boating access to Lavaca Bay.
- c. Point Comfort Park. At the Project Site identified as "Point Comfort Park" on Exhibit 1 to the Consent Decree, Alcoa shall construct a new fishing pier, a parking area for a minimum of ten vehicles, and a walkway from the parking area to the new pier.
- d. Bayfront Peninsula. At the Project Site identified as the "Bayfront Peninsula" on Exhibit 1 to the Consent Decree, Alcoa shall construct a new fishing pier.
- e. Lighthouse Beach. At the Project Site identified as "Lighthouse Beach" on Exhibit 1 to the Consent Decree, Alcoa shall construct a new timber dock, remove the shoals in the channel to and from the existing boat ramp, excavate the confined dredge disposal facility at this location, and repair the disposal facility's decant structure.
- f. Magnolia Beach. At the Project Site identified as "Magnolia Beach" on Exhibit 1 to the Consent Decree, Alcoa shall widen and extend the existing jetty east of the boat ramp.

2.1 Construction Criteria

Each pier and dock to be constructed as part of a Recreational Project will be designed consistent with current engineering standards for piers and docks on the Texas Gulf coast to achieve a 30-year life span. Additional plans and specifications for the piers, docks and other improvements to be constructed as part of the Recreational Projects are set forth on Annexes 5-A through 5-E attached hereto.

2.2 Recreational Projects Work Plan

Alcoa shall develop a Recreational Projects Work Plan for its internal use. The Work Plan will be provided to the Lead Administrative Trustee for comment by the Trustees. The Work Plan will be used during contractor selection and to coordinate construction activities. The construction schedule may be provided to the Lead Administrative Trustee separately from the remainder of the Work Plan. The Work Plan will contain the following information:

- a. Site description.
- b. A site location map and detailed plan view showing the configuration of each project.
- c. Construction requirements, including building plans and cross-sectional engineering drawings for the recreational projects.
- d. Construction schedule providing requirements for beginning and end dates for construction.
- e. Discussion of appropriate permits for construction required by this Implementation Plan.

The Trustees have previously reviewed the draft Work Plan submitted on April 25, 2003 and found no material inconsistencies with the construction criteria in this Recreational Projects Implementation Plan. The Trustees also will be provided with the opportunity to consider Alcoa's final Work Plan. Within 14 days after receipt of the final Work Plan, the Lead Administrative Trustee will provide written notice to Alcoa whether or not the Trustees find that there are material inconsistencies between the Work Plan and the construction criteria in this Recreational Projects Implementation Plan. If any material inconsistencies are identified, or if the Trustees need additional information about details included in the Work Plan to ensure compliance with the construction criteria, the Lead Administrative Trustee will arrange a meeting between Alcoa and the Trustees to discuss the Work Plan. The Trustees will provide a written statement of their position with respect to any material inconsistencies within 14 days of the meeting.

2.3 Construction Certification

Within sixty (60) days following the completion of construction of each of the foregoing Recreation Projects, Alcoa shall prepare and submit to the Lead Administrative Trustee a post-construction report as contemplated by Paragraph 46 of the Consent Decree. The post-construction report shall include the following: (1) A statement signed and sealed by a registered Texas Engineer confirming that the Recreational Project was built in accordance with the plans and specifications included in this Implementation Plan; (2) An executed agreement between Alcoa and the local governmental entity that owns and/or manages the Project Site, or with such other entity approved by the Lead Administrative Trustee, that provides for a) the ownership and/or management of the Recreational Project by that entity following construction; b) free public access to the Recreational Project for at least 15 years; c) future access to the Project Site for Alcoa to conduct the use surveys contemplated by this Implementation Plan, and d) funding sufficient, in the judgment of Alcoa and the owner/manager of the Project Site, to conduct routine maintenance activities and storm, hurricane and other casualty loss insurance policies for the project for 15 years (collectively, the "Post-Construction Report").

The Trustees shall evaluate each Post-Construction Report and the results of any inspection they may undertake, and if the Trustees agree that the construction criteria have been met, the Lead Administrative Trustee shall issue a written notice on behalf of all Trustees certifying completion of construction of the particular Recreational Project in accordance with Paragraph 47 of the Consent Decree within the later of 60 days after receipt of the Post-Construction Report or any joint inspection of the particular Project Site requested under Paragraph 46 of the Consent Decree. If the Trustees do not agree that the construction criteria have been met, the Lead Administrative Trustee will arrange a meeting between the Trustees and Alcoa to discuss whether additional steps need to be taken to meet the construction criteria.

2.4 Construction Completion

Alcoa shall establish that each Recreational Project meets the construction criteria required to obtain a Certification of Completion of Construction by July 1, 2006.

3.0 USE SURVEYS

Following completion of construction, Alcoa shall survey the use of the Recreational Projects for which usage goals have been established semiannually, once in the spring and once in the fall, for a maximum of three (3) years. The conduct of the use surveys is for informational purposes only and no corrective action shall be required of Alcoa if such goals are not met. Each use survey event shall include the average of a weekend day and weekday count of the number of individual trips at each site. If the usage goals are met or exceeded in two consecutive events or in two consecutive years (where participation levels are averaged within a year) at a site, no further use surveys are required for that site. In no event shall Alcoa be required to conduct use surveys for more than three (3) years following completion of construction of any Recreational Project.

During the survey events, a count of the number of anglers visiting each pier throughout the course of the day and the number of persons using each boat ramp throughout the course of the day will be conducted.

The minimum usage goals for early discontinuance of use surveys is as follows:¹

- 16 individual trips per day for the pier at Six Mile Park
- 16 individual trips per day for the pier at the Port Lavaca Bayfront
- 8 individual trips per day for the pier at Point Comfort
- 16 individual trips per day for the boat ramp at Lighthouse Beach
- 11 individual trips per day for the boat ramp at Six Mile Park

3.1 Conducting the Surveys

Alcoa will select the days during the specified seasons when the use survey will be conducted. If severe weather is predicted for the selected day, the planned count will be postponed. On the

¹ There is no usage goal for Magnolia Beach.

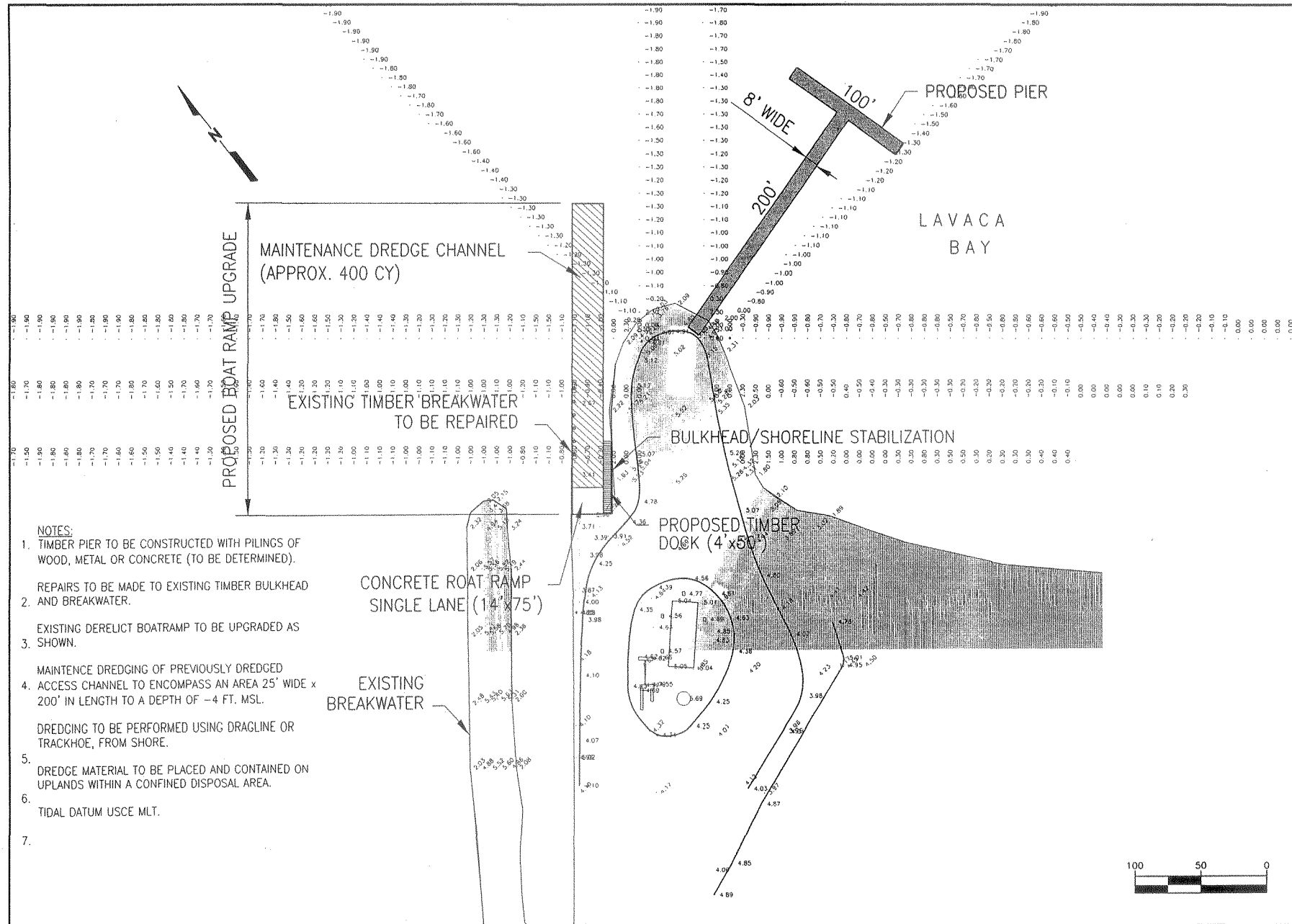
selected days, the Alcoa representative will arrive at the designated site at 5 am. The Alcoa representative will use a tally sheet or hand-held counter to keep track of all adult anglers (16 years and older) entering the site. For the boat ramp sites, counting will end at 9 pm, or when the count reaches twice the usage goals, whichever occurs sooner. For the fishing piers, counting will end at 12 am, or when the count reaches twice the usage goals, whichever occurs sooner.

3.2 Reporting Requirements

The data collected from each use survey event will be included in a letter report and submitted to the Lead Administrative Trustee within 60 days of each survey event, provided that any letter report submitted following two survey events in a calendar year shall include an annual average count.

4.0 FINAL CERTIFICATION OF PROJECT COMPLETION

When Alcoa has completed all use surveys required under this Implementation Plan for all Recreational Projects, Alcoa will notify the Lead Administrative Trustee in writing. The Lead Administrative Trustee will certify Alcoa's completion of the Recreational Projects in accordance with Paragraph 50 of the Consent Decree.



SHINER MOSELEY AND ASSOCIATES, INC.
ENGINEERS & CONSULTANTS

555 North Carancahua Street, Suite 1650 Corpus Christi, Texas 78478

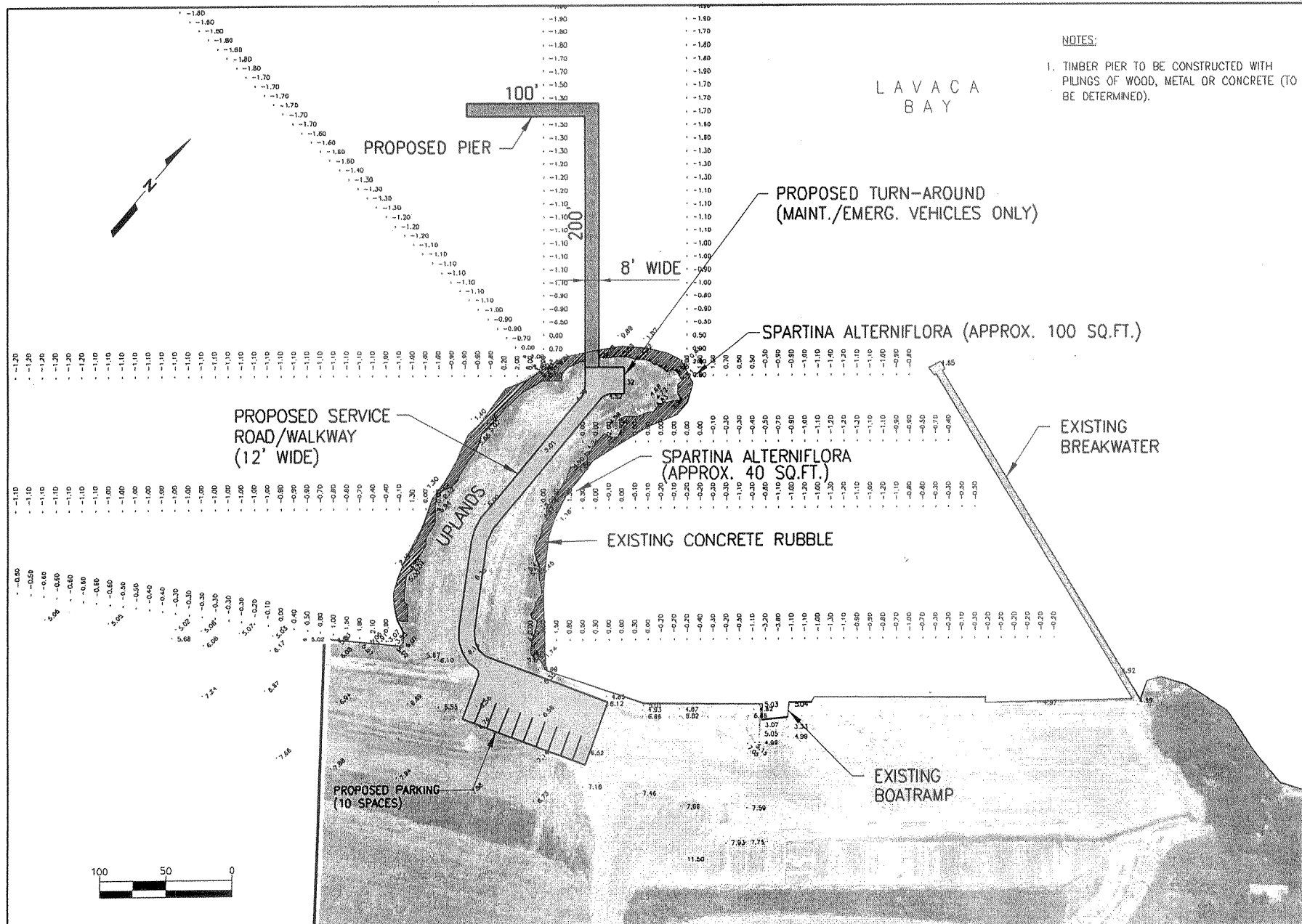
DESCRIPTION/ACTIVITIES: PROPOSED FISHING PIER AND BOAT RAMP UPGRADE AT SIX MILE PARK

JOB NO.: 90118

DATE: 04/05/00

REV. DATE: 06/28/00

Annex 5-A



SHINER MOSELEY AND ASSOCIATES, INC.
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555 North Curranahua Street, Suite 1650 Corpus Christi, Texas 78478

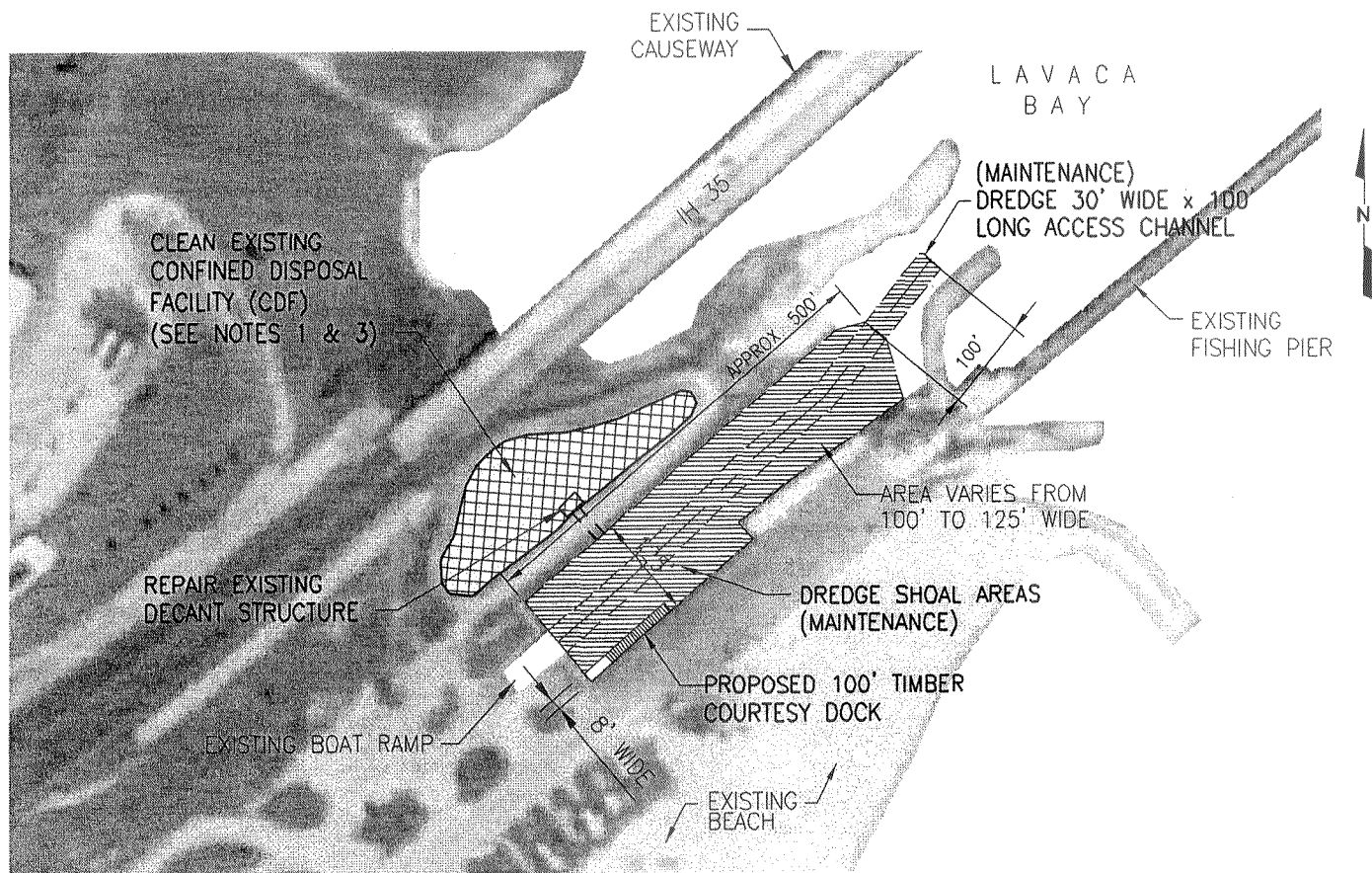
DESCRIPTION/ACTIVITIES: PROPOSED FISHING PIER AND PARKING AT POINT COMFORT

JOB NO.: 90118

DATE: 04/05/00

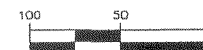
REV. DATE: 06/28/00

Annex 5-B



NOTES:

1. EXCAVATE AND DISPOSE OF APPROXIMATELY 5,000 CY OF PREVIOUSLY DREDGED MATERIAL FROM CDF PRIOR TO DREDGING.
2. MAINTENANCE DREDGE APPROXIMATELY 5,000 CY (CHANNEL & SHOAL) TO A DEPTH OF APPROX. -5 FT. MSL.
3. DREDGE MATERIAL TO BE PLACED AND CONTAINED ON ADJACENT UPLANDS WITHIN EXISTING DISPOSAL AREA.
4. UPON SUFFICIENT DRYING, EXCAVATE AND DISPOSE OF APPROXIMATELY 5,000 CY OF NEW DREDGED MATERIAL FROM CDF.



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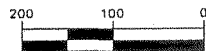
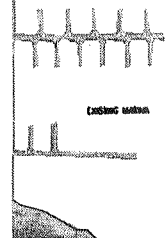
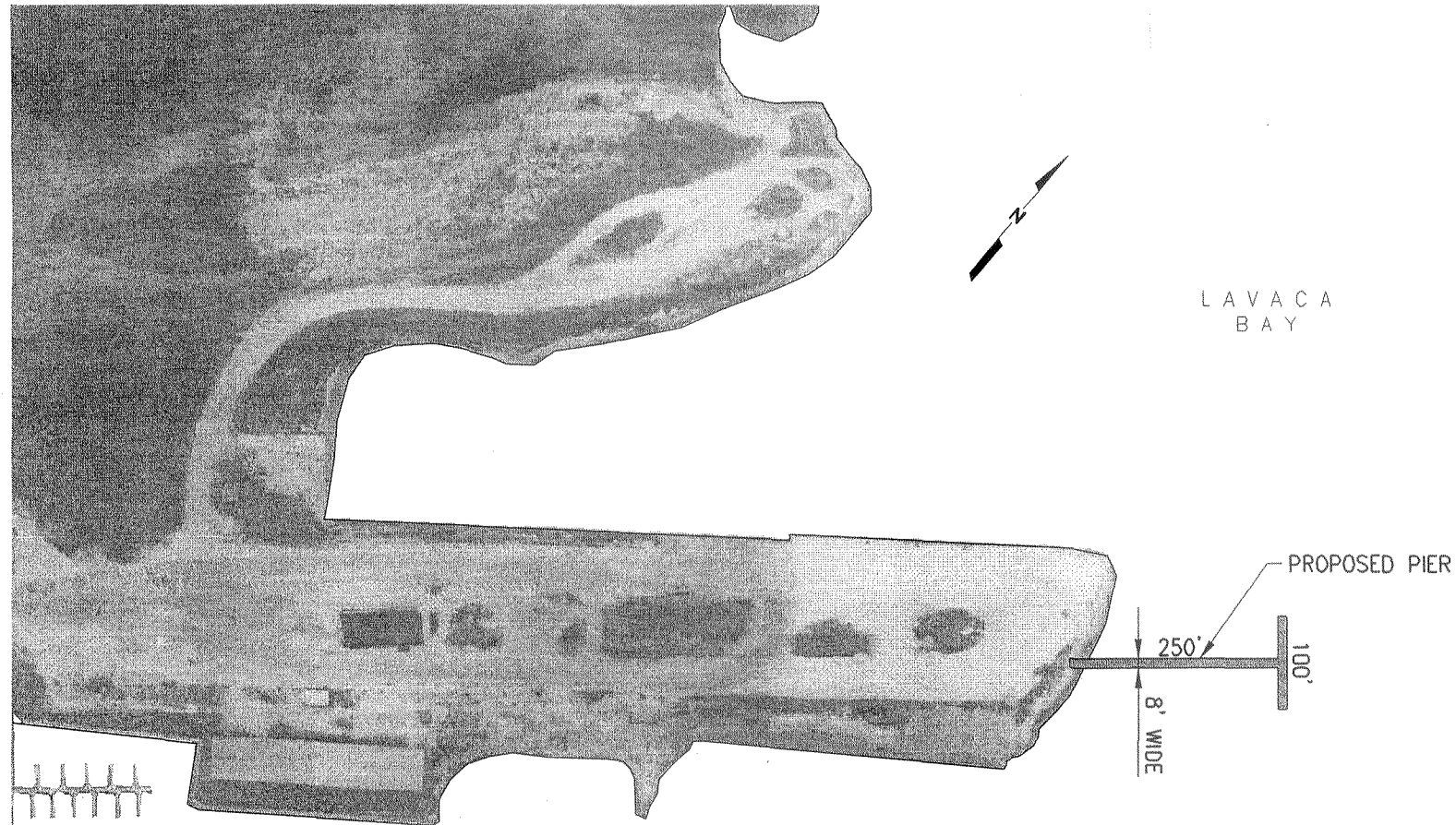
DESCRIPTION/ACTIVITIES: PROPOSED BOAT RAMP UPGRADE AT LIGHTHOUSE BEACH

JOB NO.: 90118

DATE: 04/05/00

REV. DATE: 06/28/00

Annex 5-C



NOTES:

1. TIMBER PIER TO BE CONSTRUCTED WITH PILING
OF WOOD, METAL OR CONCRETE (TO BE
DETERMINED)
2. WATER DEPTHS WITHIN PROJECT AREA
APPROXIMATELY 4 FT.



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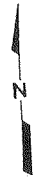
DESCRIPTION/ACTIVITIES: PROPOSED FISHING PIER AT BAYFRONT

JOB NO.: 90118

DATE: 04/05/00

REV. DATE: 06/28/00

Annex 5-D



PROPOSED 60'
ROCK BREAKWATER

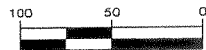
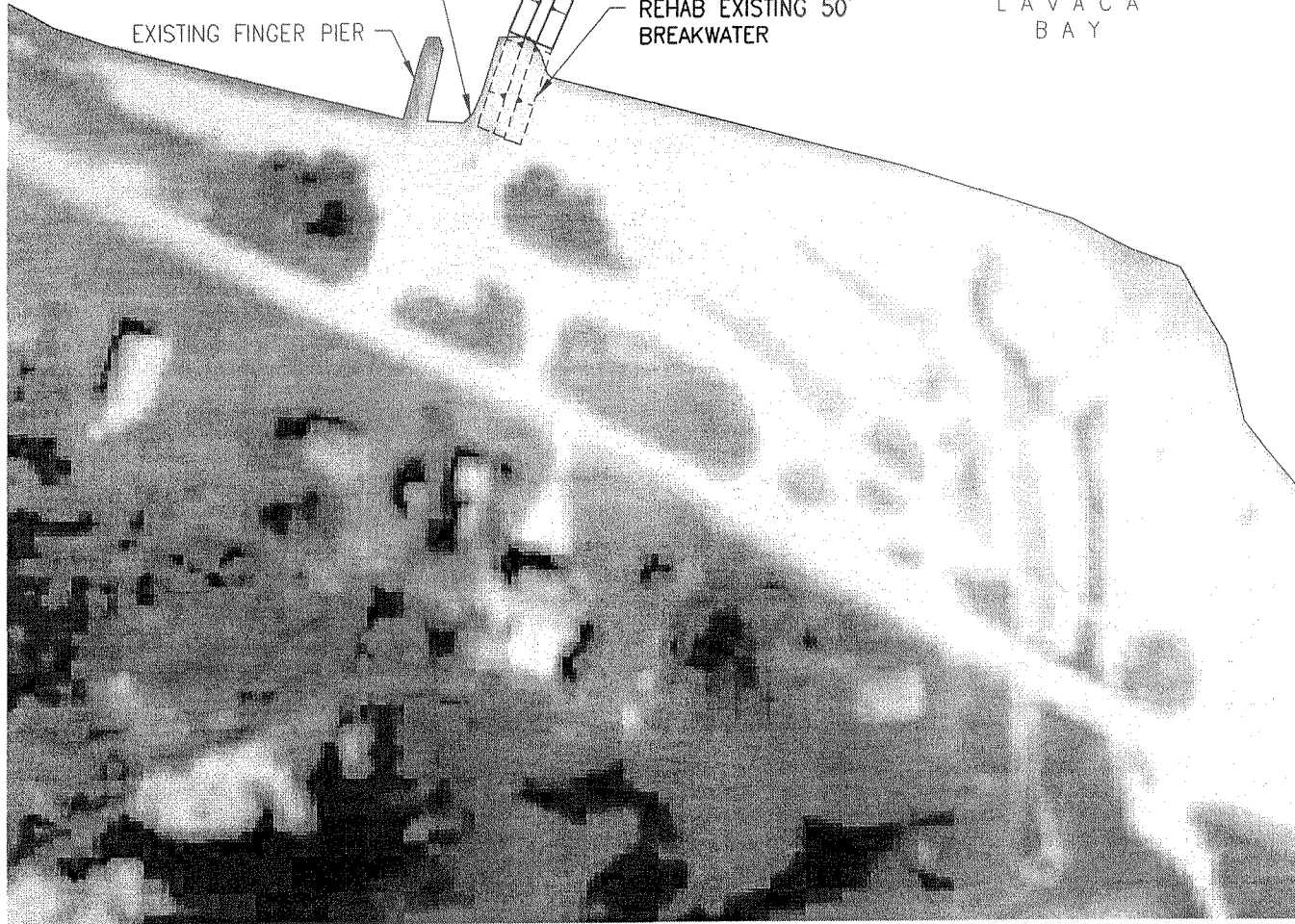
EXISTING BOAT RAMP

EXISTING FINGER PIER

VARIES
30'-40'

REHAB EXISTING 50'
BREAKWATER

L A V A C A
B A Y



SHINER MOSELEY AND ASSOCIATES, INC.
ENGINEERS & CONSULTANTS

555 North Carancahua Street, Suite 1650 Corpus Christi, Texas 78478

DESCRIPTION/ACTIVITIES: PROPOSED BOAT RAMP UPGRADE AT MAGNOLIA BEACH

JOB NO.: 90118

DATE: 04/05/00

REV. DATE: 06/28/00

Annex 5-E