

# ELEVATION CERTIFICATE

## FEDERAL EMERGENCY MANAGEMENT AGENCY NATIONAL FLOOD INSURANCE PROGRAM

**ATTENTION:** Use of this certificate does not provide a waiver of the flood insurance purchase requirement. This form is used only to provide elevation information necessary to ensure compliance with applicable community floodplain management ordinances, to determine the proper insurance premium rate, and/or to support a request for a Letter of Map Amendment or Revision (LOMA or LOMR). Instructions for completing this form can be found on the following pages.

| SECTION A PROPERTY INFORMATION   | FOR INSURANCE COMPANY USE |
|--|---------------------------|
| BUILDING OWNER'S NAME<br><u>Gulf Coast Waste Disposal Authority</u>  | POLICY NUMBER             |
| STREET ADDRESS (Including Apt., Unit, Suite and/or Bldg. Number) OR P.O. ROUTE AND BOX NUMBER<br><u>7000 South Dixie Blvd.</u> | COMPANY NAIC NUMBER       |
| OTHER DESCRIPTION (Lot and Block Numbers, etc.)<br><u>See attached drawing</u>   |                           |
| CITY<br><u>Odessa</u>  | STATE<br><u>Texas</u>     |
|  | ZIP CODE<br><u>79766</u>  |

### SECTION B FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

Provide the following from the proper FIRM (See Instructions):

| 1. COMMUNITY NUMBER | 2. PANEL NUMBER | 3. SUFFIX | 4. DATE OF FIRM INDEX | 5. FIRM ZONE | 6. BASE FLOOD ELEVATION<br>(in AO Zones, use depth) |
|---------------------|-----------------|-----------|-----------------------|--------------|---|
| <u>480206</u>       | <u>0210</u>     | <u>C</u>  | <u>March 4, 1991</u>  | <u>AE</u>    | <u>2857</u>   |

7. Indicate the elevation datum system used on the FIRM for Base Flood Elevations (BFE):  NGVD '29  Other (describe on back)
8. For Zones A or V, where no BFE is provided on the FIRM, and the community has established a BFE for this building site, indicate the community's BFE:  feet NGVD (or other FIRM datum—see Section B, Item 7).

### SECTION C BUILDING ELEVATION INFORMATION

1. Using the Elevation Certificate Instructions, indicate the diagram number from the diagrams found on Pages 5 and 6 that best describes the subject building's reference level 2.
- 2(a). FIRM Zones A1-A30, AE, AH, and A (with BFE). The top of the reference level floor from the selected diagram is at an elevation of 2845.0 feet NGVD (or other FIRM datum—see Section B, Item 7).
- (b). FIRM Zones V1-V30, VE, and V (with BFE). The bottom of the lowest horizontal structural member of the reference level from the selected diagram, is at an elevation of  feet NGVD (or other FIRM datum—see Section B, Item 7).
- (c). FIRM Zone A (without BFE). The floor used as the reference level from the selected diagram is  feet above  or below  (check one) the highest grade adjacent to the building.
- (d). FIRM Zone AO. The floor used as the reference level from the selected diagram is  feet above  or below  (check one) the highest grade adjacent to the building. If no flood depth number is available, is the building's lowest floor (reference level) elevated in accordance with the community's floodplain management ordinance?  Yes  No  Unknown
3. Indicate the elevation datum system used in determining the above reference level elevations:  NGVD '29  Other (describe under Comments on Page 2). (NOTE: If the elevation datum used in measuring the elevations is different than that used on the FIRM [see Section B, Item 7], then convert the elevations to the datum system used on the FIRM and show the conversion equation under Comments on Page 2.)
4. Elevation reference mark used appears on FIRM:  Yes  No (See Instructions on Page 4)
5. The reference level elevation is based on:  actual construction  construction drawings  
(NOTE: Use of construction drawings is only valid if the building does not yet have the reference level floor in place, in which case this certificate will only be valid for the building during the course of construction. A post-construction Elevation Certificate will be required once construction is complete.)
6. The elevation of the lowest grade immediately adjacent to the building is: 2858.0 feet NGVD (or other FIRM datum—see Section B, Item 7).

### SECTION D COMMUNITY INFORMATION

1. If the community official responsible for verifying building elevations specifies that the reference level indicated in Section C, Item 1 is not the "lowest floor" as defined in the community's floodplain management ordinance, the elevation of the building's "lowest floor" as defined by the ordinance is:  feet NGVD (or other FIRM datum—see Section B, Item 7).
2. Date of the start of construction or substantial improvement Fall 1996

**SECTION E CERTIFICATION**

This certification is to be signed by a land surveyor, engineer, or architect who is authorized by state or local law to certify elevation information when the elevation information for Zones A1–A30, AE, AH, A (with BFE), V1–V30, VE, and V (with BFE) is required. Community officials who are authorized by local law or ordinance to provide floodplain management information, may also sign the certification. In the case of Zones AO and A (without a FEMA or community issued BFE), a building official, a property owner, or an owner's representative may also sign the certification.

Reference level diagrams 6, 7 and 8 - Distinguishing Features—If the certifier is unable to certify to breakaway/non-breakaway wall, enclosure size, location of servicing equipment, area use, wall openings, or unfinished area Feature(s), then list the Feature(s) not included in the certification under Comments below. The diagram number, Section C, Item 1, must still be entered.

*I certify that the information in Sections B and C on this certificate represents my best efforts to interpret the data available. I understand that any false statement may be punishable by fine or imprisonment under 18 U.S. Code, Section 1001.*

|                  |                                       |
|------------------|---------------------------------------|
| John F. Landgraf | 2410                                  |
| CERTIFIER'S NAME | LICENSE NUMBER (or Affix Seal)        |
| President        | Landgraf, Crutcher & Associates, Inc. |
| TITLE            | COMPANY NAME                          |
| 521 N. Texas     | Odessa Texas 79761                    |
| ADDRESS          | CITY STATE ZIP                        |
|                  | 5/3/96                                |
| SIGNATURE        | DATE                                  |
|                  | (915) 332-5058                        |
|                  | PHONE                                 |

Copies should be made of this Certificate for: 1) community official, 2) insurance agent/company, and 3) building owner.

COMMENTS: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**ON SLAB**

**WITH BASEMENT**

**ON PILES, PIERS, OR COLUMNS**

The diagrams above illustrate the points at which the elevations should be measured in A Zones and V Zones.

Elevations for all A Zones should be measured at the top of the reference level floor.

Elevations for all V Zones should be measured at the bottom of the lowest horizontal structural member.



FEMA USE ONLY

PROPERTY INFORMATION

This form may be completed by the property owner.

- 1. Community Name: Odessa State: Texas  
 Community Number: 480206 Panel or Map Number: 0210C  
 Effective Date: March 4, 1991
- 2. Street Address of Property: 7000 South Dixie Blvd.  
Odessa, Texas 79766
- 3. Description of Property (if a street address cannot be provided): N/A
- 4. Are you requesting that the SFHA designation be removed from (a) all of the land within the bounds of the property, (b) a portion of land within the bounds of the property (metes and bounds description is required), or (c) the structure(s) on the property? (Answer "a," "b," or "c")  
a
- 5. Is this request for (a) a single residential structure or lot, (b) a single commercial structure or lot, or (c) multiple structures or lots? (Answer "a," "b," or "c") c
- 6. Is this request for (a) existing conditions or (b) a proposed project? (Answer "a" or "b")  
a & b
- 7. Has fill been placed in an identified SFHA? yes If yes, when? 1956
- 8. For proposed projects, will fill be placed to elevate this land or structure(s)? yes
- 9. Do you know of previous requests that have been submitted to FEMA for this property or adjacent properties? no  
 If yes, what was the date of FEMA's response letter? \_\_\_\_\_

10. I have enclosed the following documents in support of this request:

- a. Copy of the Plat Map (with recordation data)
  - OR
  - b. Copy of the Deed (with recordation data), accompanied by a tax assessor's or other suitable map showing the surveyed location of the property
  - c. Copy of the effective FIRM panel on which the property location has been accurately plotted (If the request is for more than one lot/structure, this location must be certified by a registered professional engineer or licensed land surveyor)
  - d. A map showing the locations of any structures existing on or proposed for the property (certified by a registered professional engineer or licensed land surveyor)
  - N/A e. Metes and bounds description and accompanying map (only if the request is for a portion of land within the bounds of the property, not structure(s) only)
  - f. Elevation Information form
  - g. Community Acknowledgment form (only if fill has been/will be placed)
  - h. Certification of Fill Compaction form (only if fill has been/will be placed and the request is not for a single residential structure)
- Initial fee ( if applicable, see page 7 of instructions)
- i. \_\_\_\_\_ \$ \_\_\_\_\_  
(type of request) (amount enclosed)
  - j. Additional information: SEE ATTACHED ELEVATION CERTIFICATE  
(please specify)

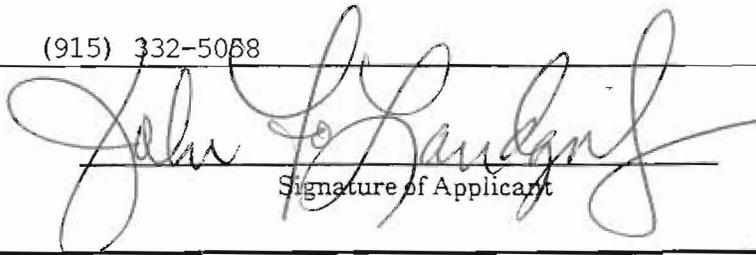
11. All documents submitted in support of this request are correct to the best of my knowledge. I understand that any false statement may be punishable by fine or imprisonment under Title 18 of the United States Code, Section 1001.

Applicant's Name: John F. Landgraf  
(please print or type)

Mailing Address: 521 N. Texas, Odessa, Texas 79761  
(please print or type)

Daytime Telephone Number: (915) 332-5058

29 April 96  
Date

  
Signature of Applicant



FEMA USE ONLY

ELEVATION INFORMATION

This form must be completed by a registered professional engineer or licensed land surveyor.  
(See page 6 of instructions for details.)

1. Community Name: Odessa, Texas
2. Legal Description of Property: 7000 South Dixie Blvd.  
Odessa, Texas 79766
3. Flooding Source: Monahans Draw
4. Based on the FIRM, this property is located in Zone(s) AE
5. Is any portion of this property located in the adopted regulatory floodway? yes  
Are any structures (existing or proposed) located in the regulatory floodway? yes
6. Is this area subject to land subsidence or uplift? no If yes, what is the date of the current releveling? \_\_\_\_\_
7. What is the BFE for this property? (Provide elevation to nearest tenth of a foot and datum)\*  
2857.0
8. How was the BFE determined (attach a copy of the Flood Profile or table from the FIS report, if appropriate, or other necessary supporting information)?  
from Elevation Certificate  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

\*For multiple lots/structures, complete the Summary of Elevations—Individual Lot Breakdown form, identifying the elevation for each lot/structure.

9. If this request is to remove the SFHA designation from a parcel of land or lot(s), what is the existing or proposed elevation of the lowest grade: that is, the lowest ground on the property? (Provide elevation to nearest tenth of a foot and datum)\* \_\_\_\_\_
10. If this request is to remove the SFHA designation from a structure(s), what is the elevation of the existing or proposed lowest adjacent grade: that is, the lowest ground touching the structure? (Provide elevation to nearest tenth of a foot and datum)\* \_\_\_\_\_
11. If fill has been/will be placed to elevate the structure(s) on this property, what is the existing or proposed elevation of the lowest floor, including basement? (Provide elevation to nearest tenth of a foot and datum)\* 2845.0

\*For multiple lots/structures, complete the appropriate column(s) of the Summary of Elevations—Individual Lot Breakdown form, identifying the elevation for each lot/structure.

12. All information submitted in support of this request is correct to the best of my knowledge. I understand that any false statement may be punishable by fine or imprisonment under Title 18 of the United States Code, Section 1001.

Name: John F. Landgraf  
(please print or type)

Title: President  
(please print or type)

Registration No. 2410 Expiration Date: \_\_\_\_\_

State Texas

John F. Landgraf  
Signature

5/2/96

Date



Seal (Optional)



FEMA USE ONLY

CERTIFICATION OF FILL COMPACTION

Odessa, Texas  
Community Name

7000 South Dixie Blvd.  
Property Name or Address

I hereby certify that fill placed on the property to raise the ground surface to or above the base (100-year) flood elevation in order to gain exclusion from a Special Flood Hazard Area (100-year floodplain) meets the criteria of Title 44 of the Code of Federal Regulations, Paragraph 65.5(a)(6), listed below. For proposed fill, I hereby certify that it is designed in accordance with these criteria.

1. That the fill has been compacted to 95 percent of the maximum density obtainable with the Standard Proctor Test method or an acceptable equivalent method for (check one of the following)
  - a. Fill pads prepared for the foundations of residential or commercial structures
  - b. Entire legally defined parcel (Note: If the location of fill pads has not been determined, the fill over the entire legally defined parcel must be compacted to the above criteria).
2. That fill slopes for granular materials are not steeper than one vertical on one-and-one-half horizontal (steeper slopes must be justified); and
3. That adequate erosion protection is provided for fill slopes exposed to moving flood waters (slopes exposed to flows with velocities of up to 5 feet per second (fps) during the 100-year flood must, at a minimum, be protected by a permanent cover of grass, vines, weeds, or similar vegetation; slopes exposed to flows with velocities greater than 5 fps during the 100-year flood must, at a minimum, be protected by appropriately designed stone, rock, concrete, or other durable products).

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Community Official's Title or  
Engineer's Seal/Registration Number



COMMUNITY ACKNOWLEDGMENT  
OF REQUESTS INVOLVING FILL

FEMA USE ONLY

|  |   |
|--|---|
| Odessa, Texas  | 7000 South Dixie Blvd.                  |
| Community Name   | Property Name or Address                |
| <p>We hereby acknowledge receipt and review of this Letter of Map Revision request and have found that the completed or proposed project meets or is designed to meet all of the community's applicable floodplain management regulations, including the requirement that no fill be placed in the adopted regulatory floodway. We understand that this request is being forwarded to FEMA for a possible map revision. For proposed projects, we understand that FEMA is being asked to provide comments on the potential effects of this project on the flood hazards of our community.</p> <p>Community comments on the proposed project: _____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> |   |
| <p>Community Official's Name: _____</p> <p style="text-align: center;">(please print or type)</p>  |   |
| <p>Address: _____</p> <p style="text-align: center;">(please print or type)</p>  |   |
| <p>Daytime Telephone Number: _____</p>   |   |
| <p style="text-align: center;">Community Official's Signature</p>  | <p style="text-align: center;">Date</p> |
| <p style="text-align: center;">Community Official's Title</p>  |   |

ECTOR COUNTY  
MIDLAND COUNTY

**NATIONAL FLOOD INSURANCE PROGRAM**

**FIRM**  
**FLOOD INSURANCE RATE MAP**  
**ECTOR COUNTY,**  
**TEXAS AND**  
**INCORPORATED AREAS**

**PANEL 210 OF 280**

(SEE MAP INDEX FOR PANELS NOT PRINTED)

**CONTAINS:**

| <u>COMMUNITY</u>        | <u>NUMBER</u> | <u>PANEL</u> | <u>SUFFIX</u> |
|-------------------------|---------------|--------------|---------------|
| ODESSA, CITY OF         | 480206        | 0210         | C             |
| UNINCORPORATED<br>AREAS | 480796        | 0210         | C             |



PANEL LOCATION

**MAP NUMBER**  
**48135C0210 C**

**EFFECTIVE DATE:**  
**MARCH 4, 1991**

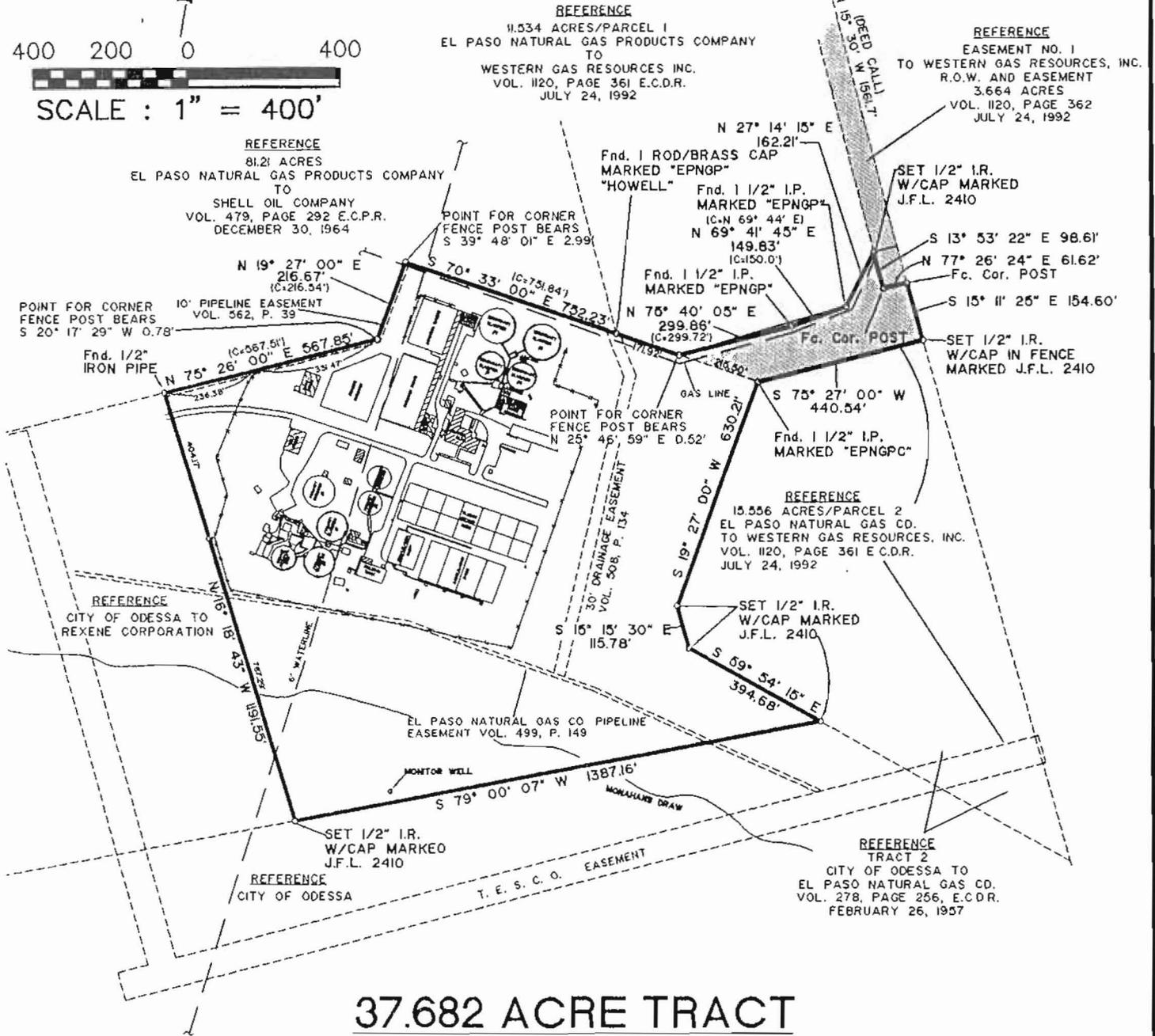


Federal Emergency Management Agency

# EXHIBIT "B"

SECTION 47, BLOCK 42, T-2-S  
T & P R.R. CO. SURVEY  
CITY OF ODESSA  
ECTOR COUNTY, TEXAS

400 200 0 400  
SCALE : 1" = 400'



## 37.682 ACRE TRACT

STATE OF TEXAS  
COUNTY OF ECTOR

I, John F. Landgraf, a Registered Professional Land Surveyor, No. 2410, do hereby certify that the above 37.673 acre tract of land, Located in Section 47, Block 42 T-2-S, T & P Ry Co. Survey represents a survey actually made on the ground under my supervision and there are no apparent encroachments or visible easements except as shown. This property does lie in a Flood Hazard Area as determined by the Federal Emergency Management Agency, according to the Flood Insurance Rate Map prepared for Ector County, Texas, Map No. 48135C0175C. This property lies in Census Tract No. 30.

LANDGRAF, CRUTCHER & ASSOCIATES, INC.

*John F. Landgraf*  
John F. Landgraf, R.P.S.  
September 26, 1995



**LCA** Landgraf, Crutcher and Associates, Inc.  
TRANSPORTATION • ENVIRONMENTAL • CIVIL ENGINEERS ODESSA, TEXAS