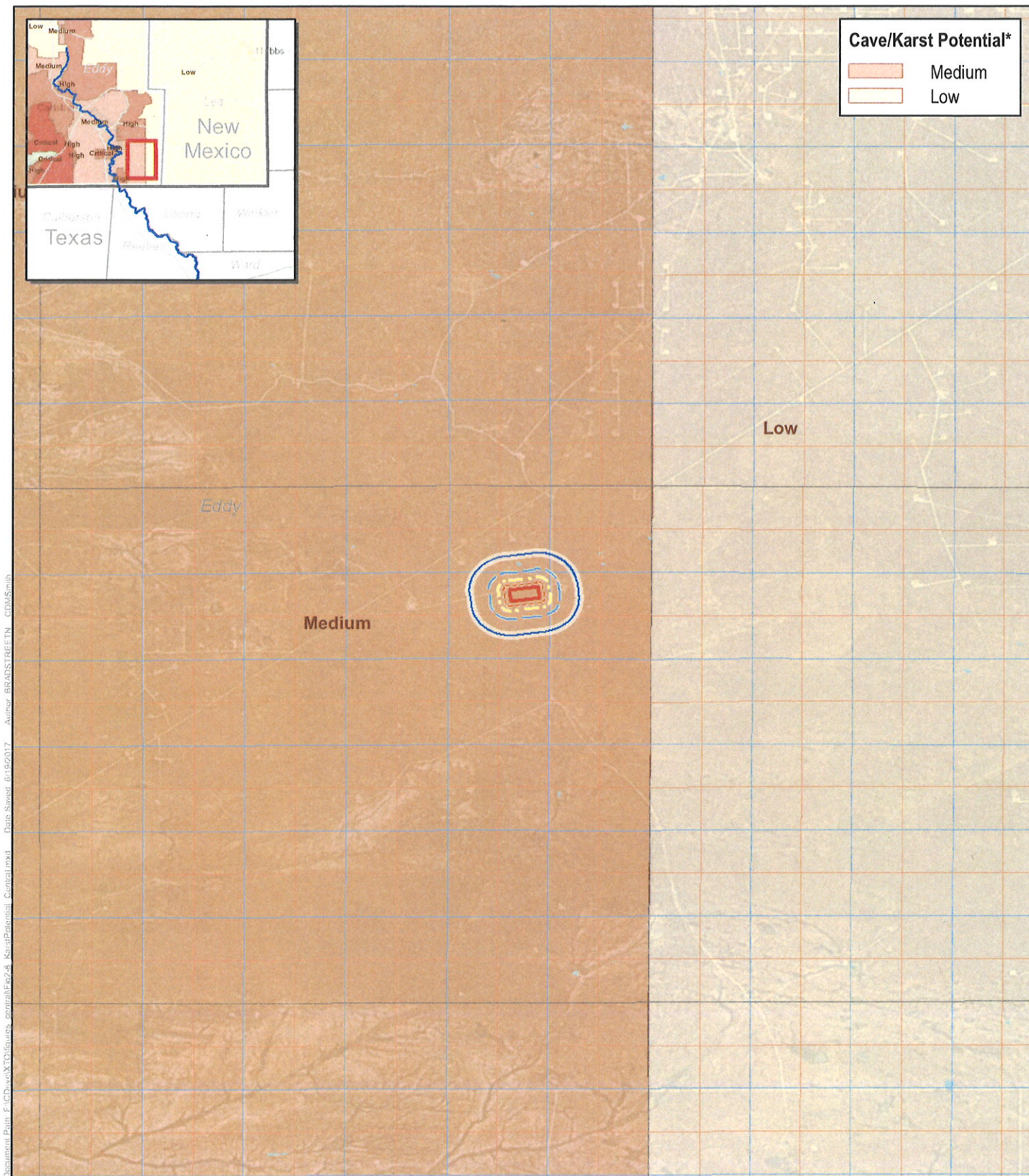




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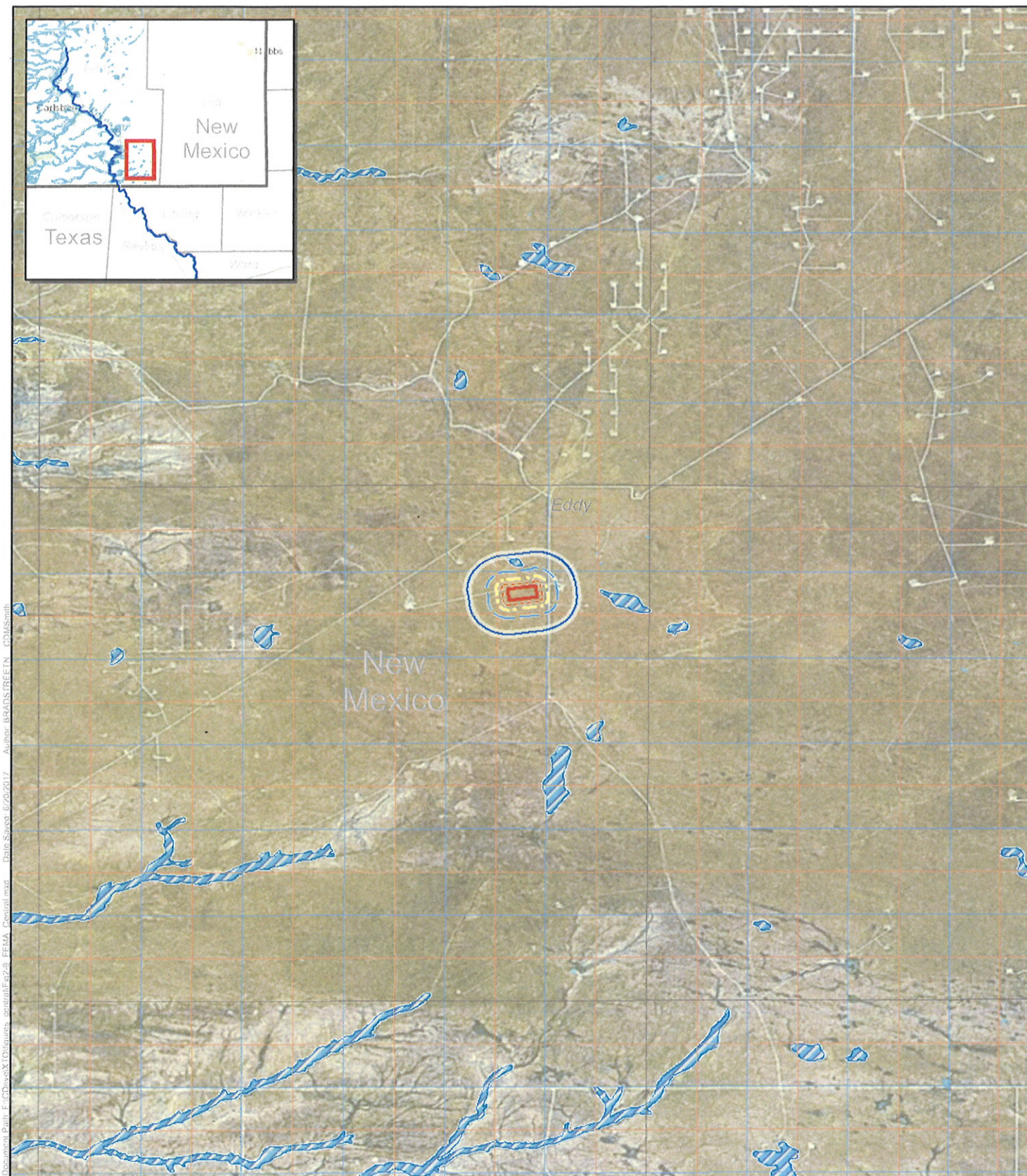


Figure 2-9 FEMA Map
BOPCO Proposed Central Recycling Containment Location

- Proposed Facility Boundary
- 100-Year Floodplain*

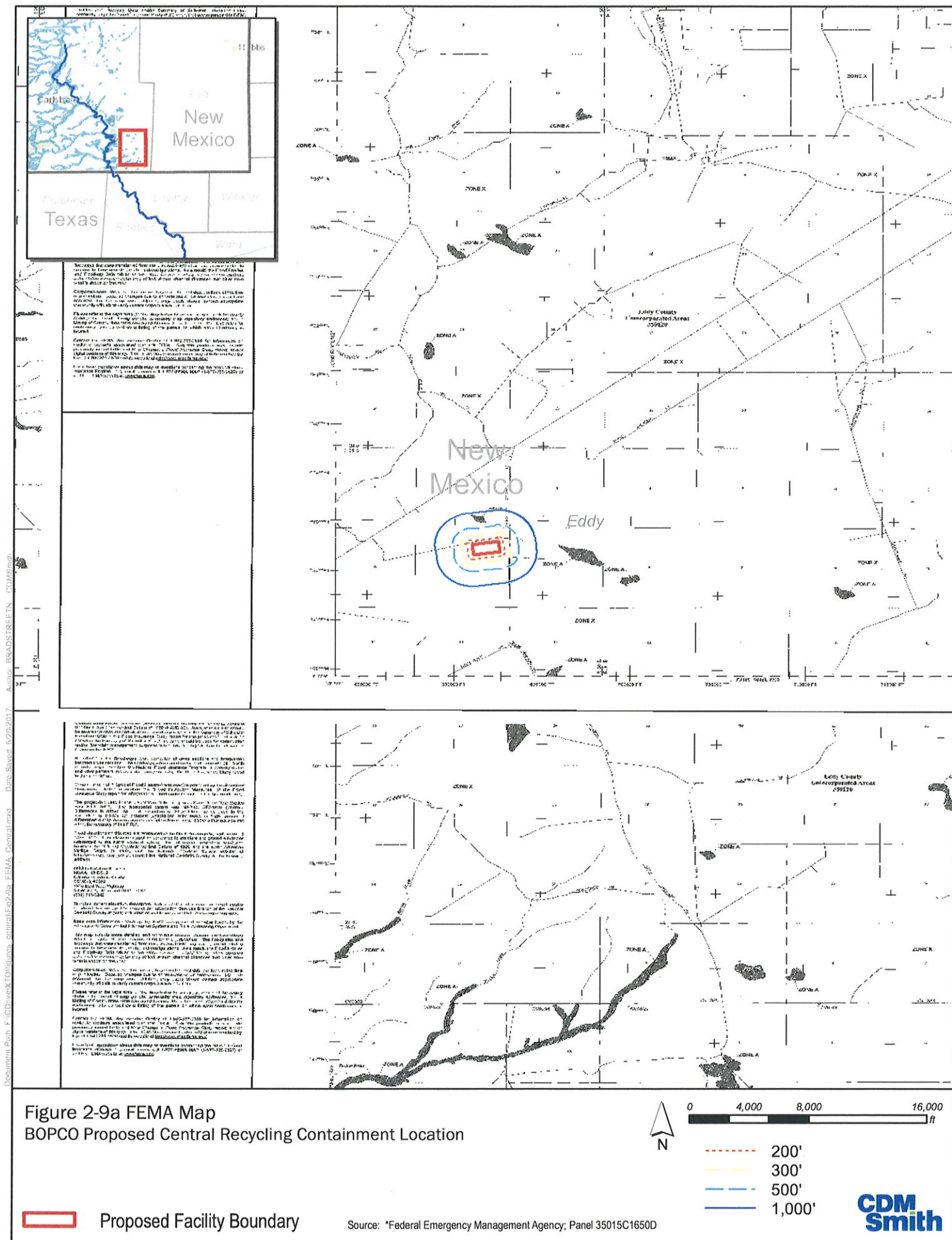
Source: *Federal Emergency Management Agency



0 4,000 8,000 16,000
ft

- 200'
- 300'
- 500'
- 1,000'

**CDM
Smith**

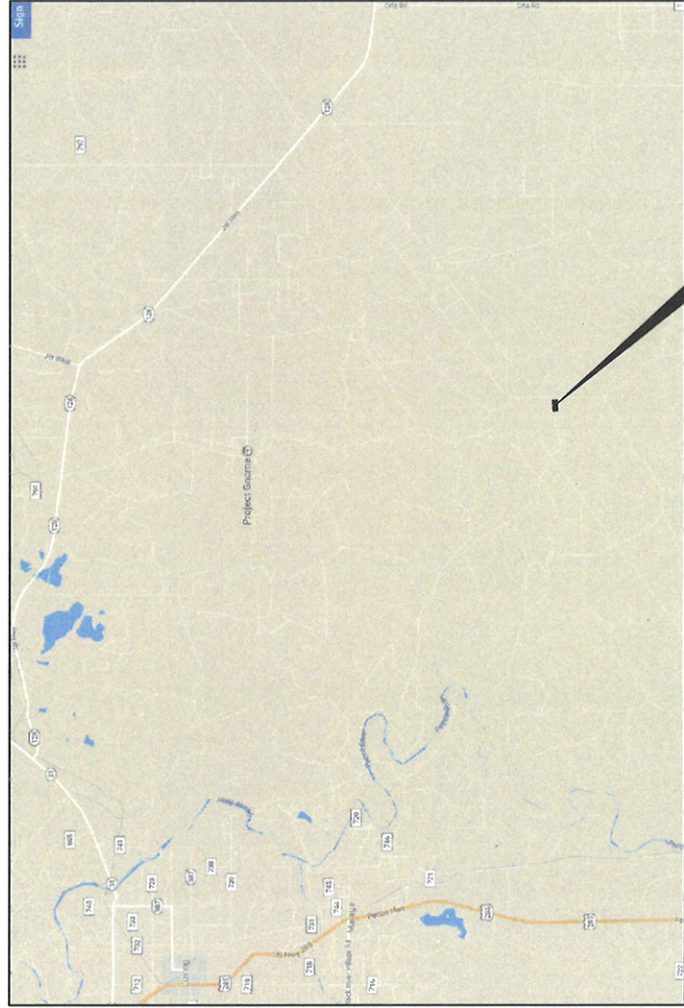


Appendix G

Engineering Design Drawings

BOPCO, LP MIDLAND, TEXAS PLU CENTRAL 2 1,000,000 BBL RECYCLING CONTAINMENT (TWO DOUBLE LINED CONTAINMENTS)

AUGUST 2017



LOCATION PLAN
APPROX SCALE: 1" = 1.5 mi

DRAWING INDEX

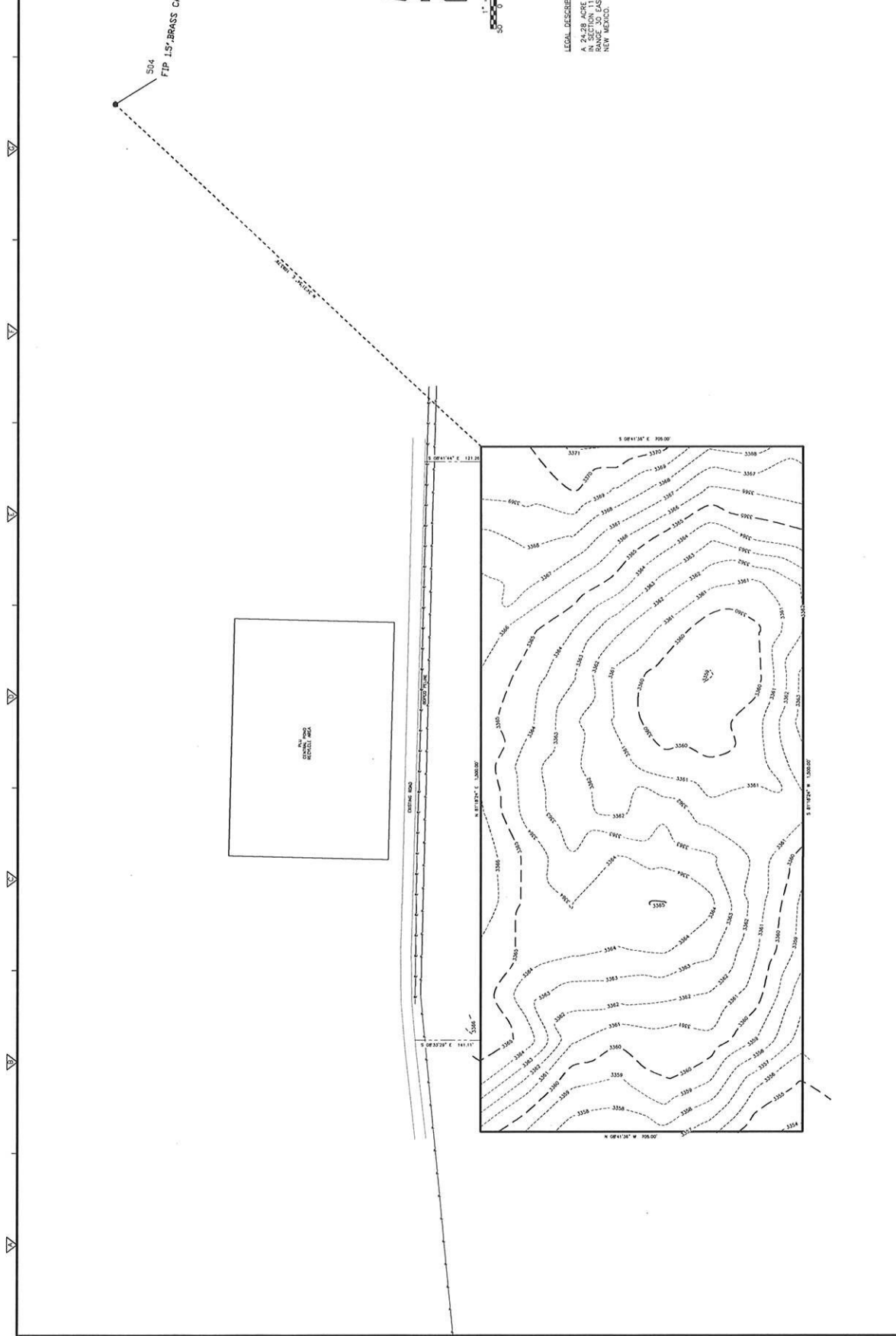
- COVER SHEET
- C-1 EXISTING CONDITIONS PLAN
- C-2 PROPOSED CONTAINMENT GRADING PLAN
- C-3 PROPOSED CONTAINMENT SECTIONS
- C-4 PROPOSED LINER PANEL LAYOUT
- C-5 DOUBLE LINER AND LEAK DETECTION DETAILS
- C-6 STINGER SECTIONS
- C-7 STINGER AND FENCING DETAILS



PREPARED BY:

CDM Smith

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E: chad.tillery@cdmsmith.com



PROJECT NO. 5000-718629
FILE NAME: C0015PL.DWG
SHEET NO. C-1

EXISTING CONDITION PLAN

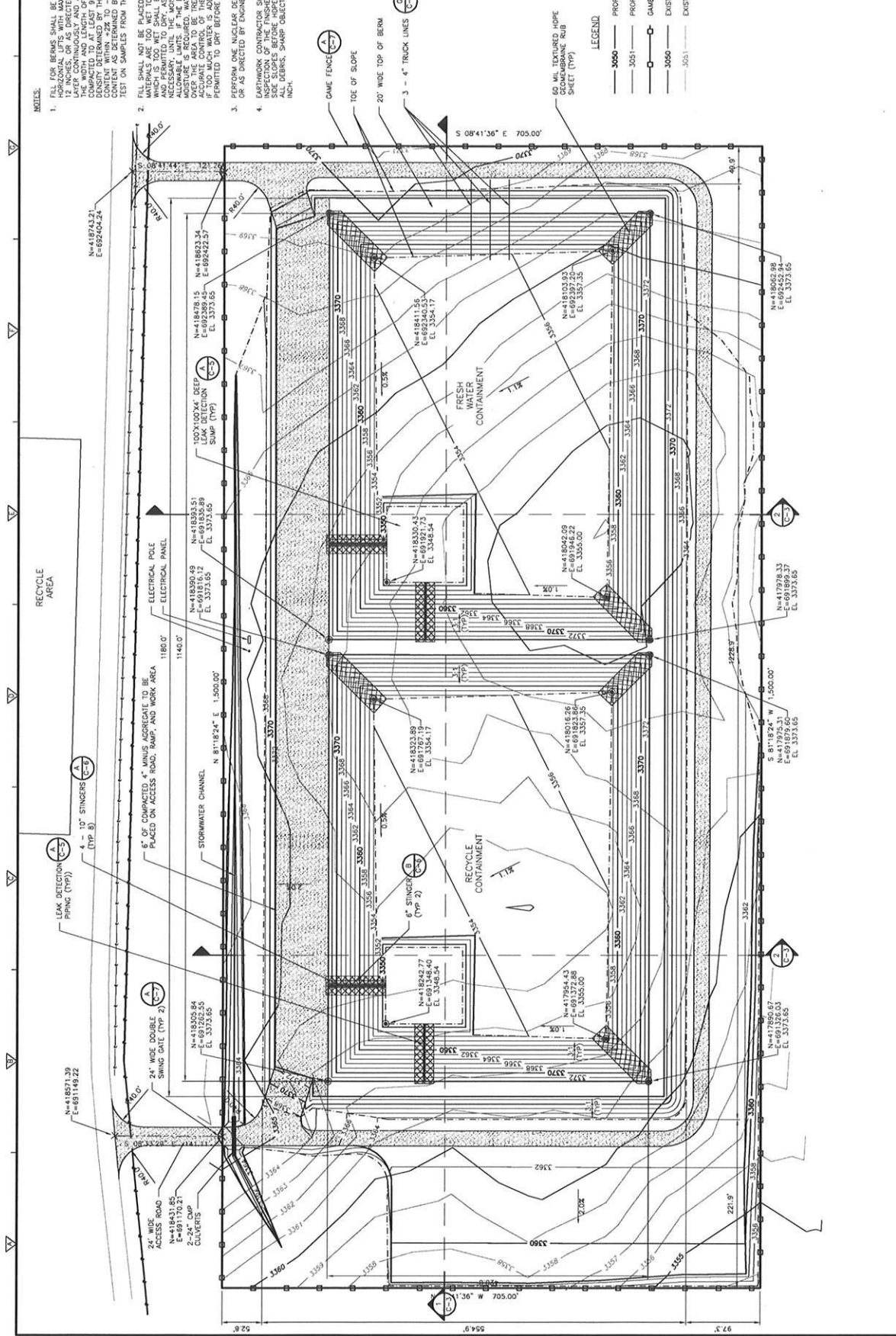
BOPCO LP
MIDLAND, TEXAS
PLU CENTRAL 2
1,000,000 BBL RECYCLING CONTAINMENT

DESIGNED BY: J. VOTARY
DRAWN BY: M. MANNECH
CHECKED BY: M. MANNECH
DATE: AUGUST 2017

CDM Smith
11000 West Main Street, Suite 700
Midland, TX 79701
Tel: 409.432.0000
Fax: 409.432.0001

REV	DATE	BY	CHKD	REMARKS

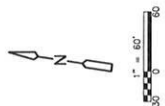
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NOTES:

1. FILL FOR BERM SHALL BE PLACED AND COMPACTED IN 12 INCHES OR AS DIRECTED BY ENGINEER. CONSTRUCT EACH LAYER CONTINUOUSLY AND APPROXIMATELY HORIZONTAL FOR A MINIMUM OF 12 INCHES. FILL SHALL BE PLACED AND COMPACTED TO AT LEAST 95 PERCENT OF MAXIMUM DRY DENSITY DETERMINED BY THE ASTM D1557 AND AT MOISTURE CONTENT AS DETERMINED BY A MODIFIED PROCTOR SOIL TEST ON SAMPLES FROM THE SOURCE AREA (ASTM D1557).
2. FILL SHALL NOT BE PLACED AND COMPACTED WHEN THE MATERIALS ARE TOO WET TO PROPERLY COMPACT. MATERIAL SHALL BE PLACED AND COMPACTED IN 12 INCHES OR AS DIRECTED BY ENGINEER. CONSTRUCT EACH LAYER CONTINUOUSLY AND APPROXIMATELY HORIZONTAL FOR A MINIMUM OF 12 INCHES. FILL SHALL BE PLACED AND COMPACTED TO AT LEAST 95 PERCENT OF MAXIMUM DRY DENSITY DETERMINED BY THE ASTM D1557 AND AT MOISTURE CONTENT AS DETERMINED BY A MODIFIED PROCTOR SOIL TEST ON SAMPLES FROM THE SOURCE AREA (ASTM D1557).
3. PERFORM ONE NUCLEAR DENSITY GAUGE TEST PER 2500 CY OR AS DIRECTED BY ENGINEER.
4. EARTHWORK CONTRACTOR SHALL PERFORM A VISUAL INSPECTION OF THE ENTIRE PROJECT AREA TO VERIFY THAT ALL DEBRIS, SHARP OBJECTS AND GRAVEL LARGER THAN 1/2 INCH.

- LEGEND
- 3050 PROPOSED INDEX CONTOUR
 - 3051 PROPOSED INTERMEDIATE CONTOUR
 - 3052 GAME FENCE
 - 3053 EXISTING INDEX CONTOUR
 - 3054 EXISTING INTERMEDIATE CONTOUR



1" = 60'

PROJECT NO. 5000-718625
FILE NAME: C0052FL.DWG
SHEET NO. C-2

PROPOSED CONTAINMENT GRADING PLAN

1,000,000 BBL RECYCLING CONTAINMENT

PLU CENTRAL 2

MIDLAND, TEXAS

BOPCO LP

REMARKS

DATE

BY

DATE

DATE

REVISIONS

NO.

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