

Chevron
U.S.A. Inc.

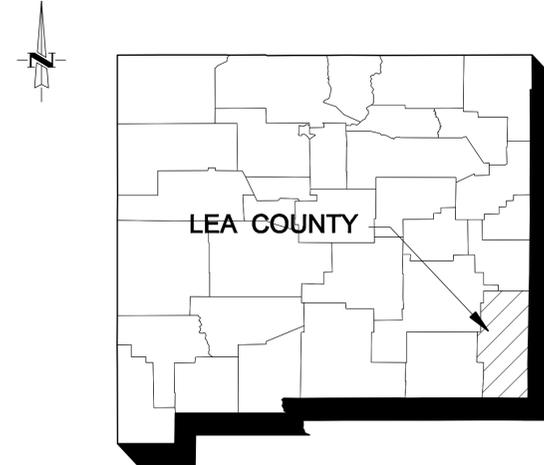
**Salado Draw T26S R32E Recycling Facility and
Containment**

Appendix 4 – Recycling Containment Engineering Drawings

RECEIVED

By OCD Dr Oberding at 10:13 am, Dec 16, 2016

CHEVRON N.A. E&P, MCBU SALADO DRAW WATER RECYCLING POND 1 AND POND 2 CONSTRUCTION LEA COUNTY, NEW MEXICO



INDEX OF DRAWINGS

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SHEET C-16	POND 1 AND POND 2 ABOVE GRADE STAKING PLAN

GENERAL NOTES

1. ALL TOPOGRAPHIC, UTILITY AND CONTROL POINT LOCATION INFORMATION IS BASED ON SURVEY INFORMATION FURNISHED BY THE OWNER, THE CONTRACTOR HAS THE SOLE RESPONSIBILITY FOR FIELD VERIFICATION.
2. COORDINATE INFORMATION IS BASED ON AND ARE BASED ON STATE PLANES COORDINATE NEW MEXICO EAST ZONE (4726) NAD83, THE CONTRACTOR SHALL IDENTIFY ANY DISCREPANCIES PRIOR TO PROCEEDING WITH CONSTRUCTION.
3. CONTROL POINT LOCATION IS AT
NORTHING 377560.49
EASTING 757326.03
ELEVATION 3171.46'
4. THE CONTRACTOR SHALL IDENTIFY AND LOCATE UTILITY LINES, MONITOR WELLS, SURVEY MONUMENTS, AND OTHER NEARBY STRUCTURES PRIOR TO PERFORMING WORK. UTILITIES, MONITOR WELLS, SURVEY MONUMENTS AND OTHER NEARBY STRUCTURES SHALL BE PROTECTED FROM DAMAGE DURING THIS WORK. ANY DAMAGE TO UTILITY LINES, MONITOR WELLS, SURVEY MONUMENTS, AND OTHER NEARBY STRUCTURES DURING THE WORK SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER. COSTS ASSOCIATED WITH THESE REPAIRS SHALL INCLUDE THE ACTUAL REPAIR COSTS AND ALL ENGINEERING COSTS REQUIRED BY THE ENGINEER TO COORDINATE AND OBTAIN REGULATORY APPROVAL OF THE REPAIRS IF REQUIRED.
5. THE CONTRACTOR SHALL REFER TO THE SALADO DRAW WATER RECYCLING POND TECHNICAL SPECIFICATIONS IN ADDITION TO THE DRAWINGS FOR THE CONSTRUCTION.

REVISIONS			DESIGNED <u>NL</u> DRAWN <u>DKK</u> CHECKED <u>JV</u> DATE <u>10/18/16</u>	CONFIDENTIAL NOTICE <small>The information contained herein is the property of Tetra Tech, Inc. The information contained herein is confidential and legally privileged. It should be treated as company proprietary information and not be disclosed, copied, distributed, or used by individuals in or outside of the organization other than whom this document was prepared for.</small>	Tetra Tech Inc. <small>Texas Registered Engineering Firm F-3924</small> 4000 N. BIG SPRING, Suite 401 MIDLAND, TEXAS 79705 (432) 682-4559	CHEVRON N.A. E&P, MCBU LEA COUNTY, NEW MEXICO GPS (WGS84): 32.034518°N, -103.638474°W	VERIFY SCALE <small>BAR IS ONE (1) INCH ON ORIGINAL DRAWING.</small> <small>IF NOT ONE (1) INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.</small>	SCALES: HORIZONTAL SCALE: <small>1" = 100'</small> VERTICAL SCALE: <small>NA</small>	TITLE SHEET SALADO DRAW LEA COUNTY, NEW MEXICO	<small>PROJECT NO.</small> 212C-MD-00546 <small>DRAWING NO.</small> C-1 <small>SHEET NO.</small> 1 OF 16
NO.	DATE	DESCRIPTION								



Section 14
T-26-S, R-32-E
Lea County, New Mexico

Section 13
T-26-S, R-32-E
Lea County, New Mexico

Section 23
T-26-S, R-32-E
Lea County, New Mexico

Section 24
T-26-S, R-32-E
Lea County, New Mexico

CP DOOM
N=377560.49
E=757326.03
EL=3171.46

25' LEASE ROAD

N 89°42'53" E 699.6'

S 89°44'32" W 699.9'

S 89°44'32" W 699.9'

N=377164.49
E=756342.94
EL=3160.1

N=377,167.98
E=757,042.74
EL=3161.0

N=376464.78
E=756345.97
EL=3151.3

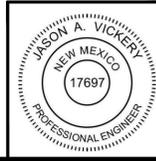
N=376467.93
E=757,045.90
EL=3155.4

N=376239.79
E=756346.94
EL=3148.7

N=376467.93
E=757,045.90
EL=3151.9

LEGEND

- WATER RECYCLING POND OUTLINE
- EXISTING 5' CONTOUR INTERVAL (FEET, MSL)
- EXISTING 1' CONTOUR INTERVAL
- PERMIT BOUNDARY
- SECTION BOUNDARY
- OVERHEAD ELECTRICAL
- POWER POLE



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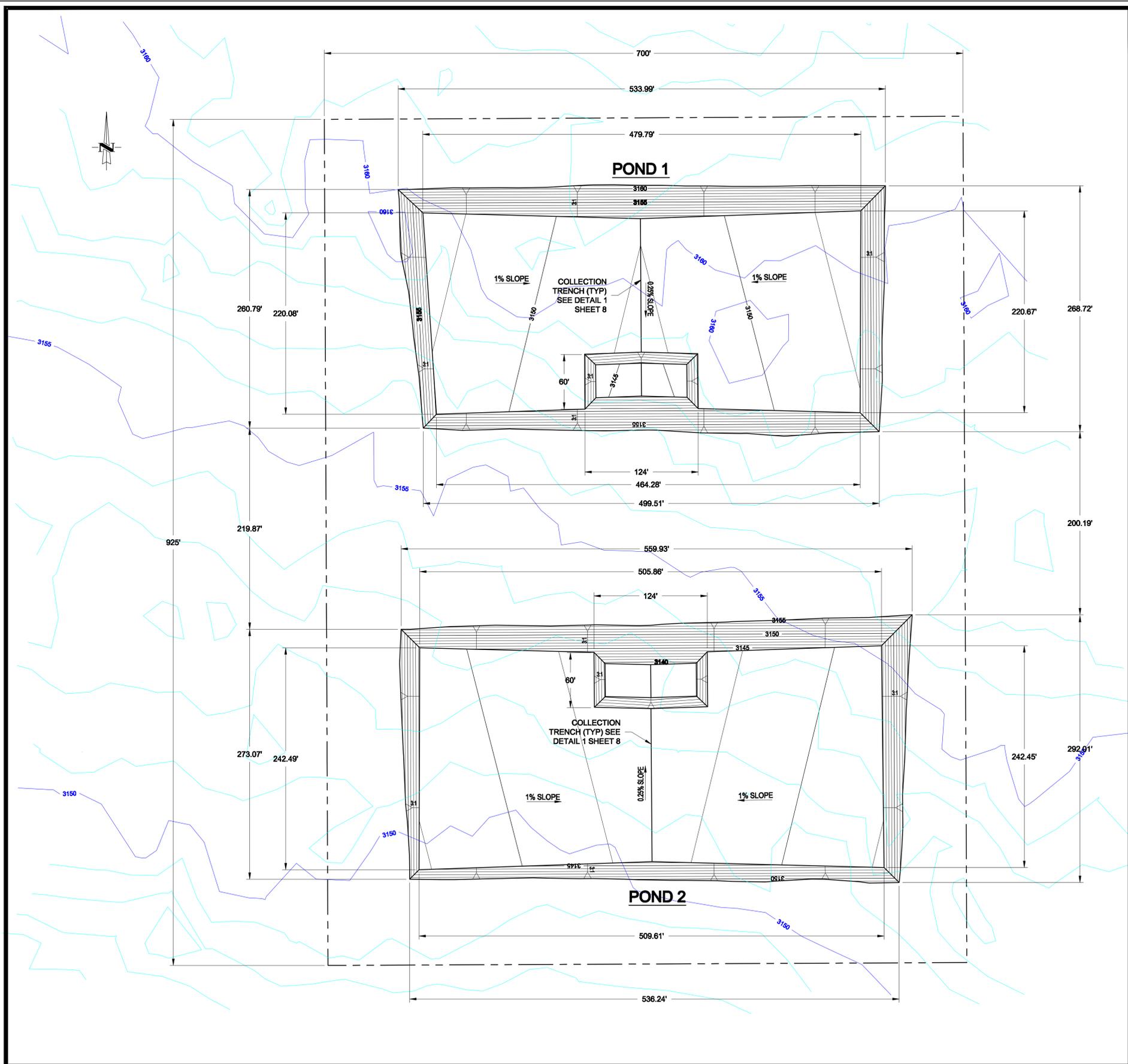
CHEVRON N.A. E&P, MCBU
LEA COUNTY, NEW MEXICO
GPS (WGS84): 32.034518°N, -103.638474°W

VERIFY SCALE
BAR IS ONE (1) INCH ON ORIGINAL DRAWING.
0 1" IF NOT ONE (1) INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

SCALES:
HORIZONTAL SCALE: 1" = 100'
VERTICAL SCALE: NA

EXISTING SITE CONDITIONS
SALADO DRAW
LEA COUNTY, NEW MEXICO

PROJECT NO. 212C-MD-00546
DRAWING NO. C-2
SHEET NO. 2 OF 16



POND 1 EXCAVATION CALCULATIONS
 TOTAL AREA = 5.98 ACRES
 FILL VOLUME (1.55x) = 38,247 CU.YDS
 EXCAVATION VOLUME = 41,443 CU.YDS
 NET DIFFERENCE = 3,196 CU.YDS.

POND 2 EXCAVATION CALCULATIONS
 TOTAL AREA = 6.40 ACRES
 FILL VOLUME (1.55x) = 39,109 CU.YDS
 EXCAVATION VOLUME = 37,448 CU.YDS
 NET DIFFERENCE = 1,661 CU.YDS.

NOTES

1. THE CONTRACTOR SHALL REFER TO THE TECHNICAL SPECIFICATIONS FOR THE SALADO DRAW WATER RECYCLING PROJECT IN ADDITION TO THE DRAWINGS FOR EARTHWORK CONSTRUCTION.
2. SEE SHEET 15 FOR POND 1 AND POND 2 BELOW GRADE STAKING PLAN

LEGEND

- 3155 — EXISTING 5' CONTOUR INTERVAL (FEET, MSL)
- 3160 — EXISTING 1' CONTOUR INTERVAL
- 3150 — PROPOSED 2' CONTOUR INTERVAL (FEET, MSL)
- — PROPOSED 1' CONTOUR INTERVAL
- - - PERMIT BOUNDARY



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 LEA COUNTY, NEW MEXICO
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VERIFY SCALE
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 0 ————— 1'
 IF NOT ONE (1) INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

SCALES:	
HORIZONTAL SCALE:	1" = 80'
VERTICAL SCALE:	NA

POND 1 AND POND 2 EXCAVATION PLAN
 SALADO DRAW
 LEA COUNTY, NEW MEXICO

PROJECT NO.	212C-MD-00546
DRAWING NO.	C-3
SHEET NO.	3 OF 16