

# **Appendices**

Appendix 4 – Sand Dunes - Recycling Containment #1
Engineering Drawings

# SAND DUNES RECYCLING CONTAINMENT

OXY U.S.A. INC.
EDDY COUNTY, NEW MEXICO
S9 T24S R31E

### INDEX OF DRAWINGS

C-001 - COVED SHEET

CS-101 - SITE GRADING PLAN AND GENERAL NOTES

CS-201 - SEDIMENT CONTROL AND EROSION PROTECTION P

CS-501 - DETAILS



T 575 393 9827 F 575 393 1543

PROJECT ENGINEER: Claudius Sanchez Czyzewska, PE
PROJECT DESIGNER: Claudius Sanchez Czyzewska, PE
DRAWN BY: JCS

# REVISIONS No. DATE DESCRIPTION Output Description Description Description Description Description Description Description Description

COVER SHEET

SAND DUNES
RECYCLING
CONTAINMENT
OXY U.S.A. INC.

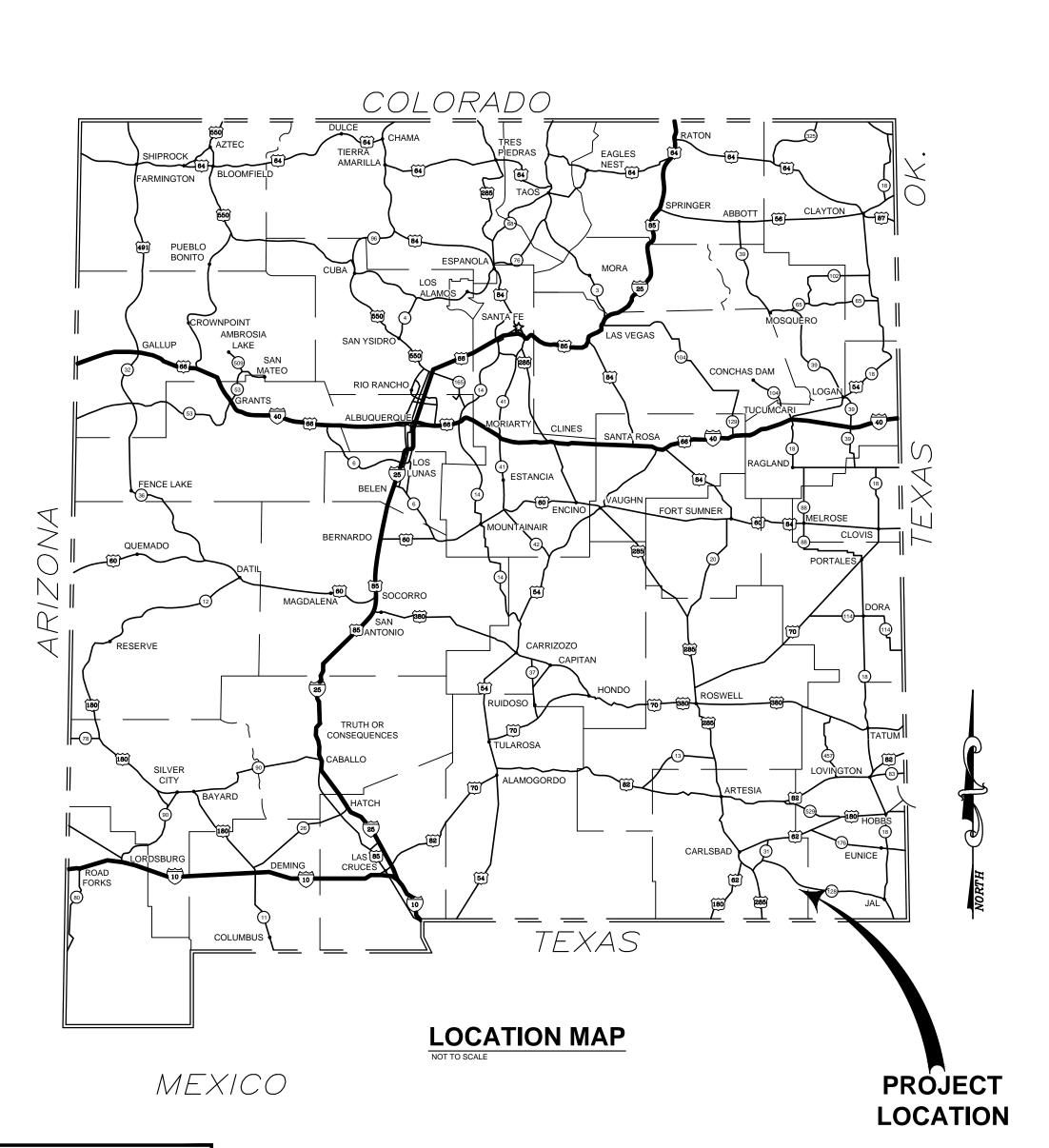
S9 T24S R31E LEA COUNTY, NEW MEXICO

PROJECT NUMBER:

2017.1056

SHEET:

C-001





**VICINITY MAP** 

# CONTACTS

OWNER
OXY USA INC.
PO BOX 2289
HOUSTON, TX 77252-7680
(281) 755-8907
FEMI SERRANO

CIVIL ENGINEERING
PETTIGREW & ASSOCIATES, P.A.
100 E NAVAJO DRIVE, SUITE 100
HOBBS, NM 88240
(575) 393-9827
CLAUDIUS SANCHEZ CZYZEWSKA, PE



THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.

 BENCHMARKS

 POINT
 NORTH (FT)
 EAST (FT)
 ELEVATION (FT)
 DESCRIPTION

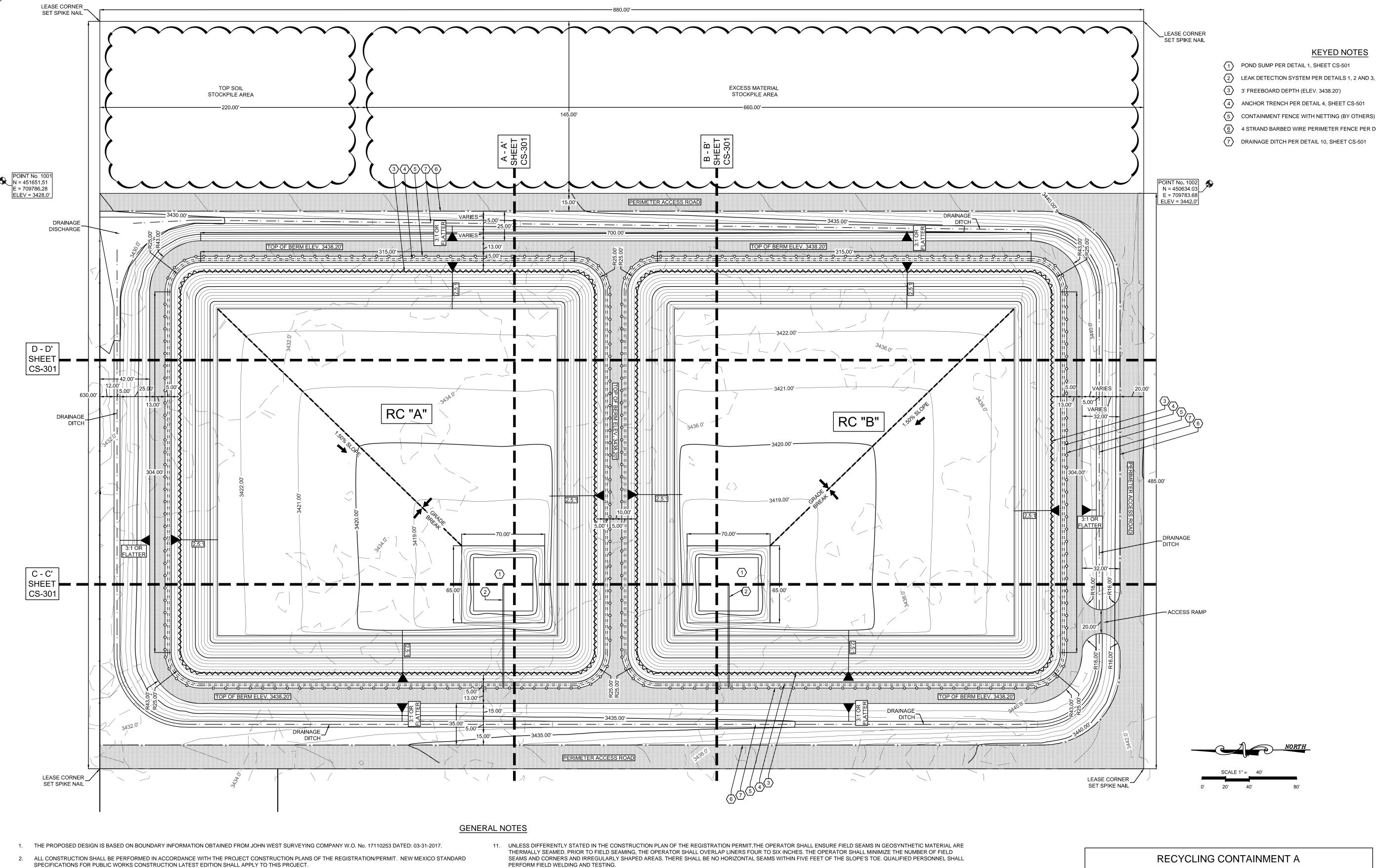
 1001
 451651.51
 709786.28
 3428.0
 CONTROL POINT

 1002
 450634.03
 7097836.68
 3442.0
 CONTROL POINT

 THESE COORDINATES ARE SHOWN IN STATE PLANE NM-EAST FOOT NAD 83 COORDINATE SYSTEM.

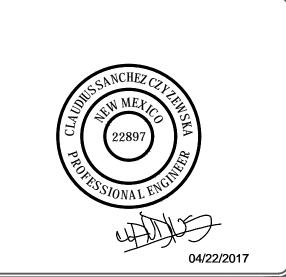
FLOOD NOTE

THIS PROJECT IS LOCATED IN A ZONE X CORRESPONDING TO FEMA FIRM PANEL 35015C1650D



- (2) LEAK DETECTION SYSTEM PER DETAILS 1, 2 AND 3, SHEET CS-501
- ANCHOR TRENCH PER DETAIL 4, SHEET CS-501

- 6 4 STRAND BARBED WIRE PERIMETER FENCE PER DETAIL 6, SHEET CS-501



ENGINEERING SURVEYING TESTING **DEFINING QUALITY SINCE 1965** 

100 E. Navajo Drive Suite 100 Hobbs New Mexico

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Pettigrew.us

PROJECT ENGINEER: Claudius Sanchez Czyzewska, PE PROJECT DESIGNER: Claudius Sanchez Czyzewska, PE JCS

LE	GEND
x x x	BARBED WIRE PERIMETER FEN
	EXIST. GRADE 2.0' CONTOUR
	EXIST. GRADE 10.0' CONTOUR
	FINISHED GRADE 1.0' CONTOUR
	FINISHED GRADE 5.0' CONTOUR
	DRIVING SURFACE
<b>~~~~~~</b>	3' FREEBOARD DEPTH
	CONTAINMENT FENCE
	ANCHOR TRENCH
> >	DITCH FLOWLINE

REVISIONS		
No.	DATE	DESCRIPTION
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SITE GRADING PLAN **GENERAL NOTES** 

SAND DUNES RECYCLING CONTAINMENT OXY U.S.A. INC.

S9 T24S R31E **EDDY COUNTY, NEW MEXICO** 

PROJECT NUMBER:

2017.1056

SHEET:

- 12. AT A POINT OF DISCHARGE INTO OR SUCTION FROM THE RECYCLING CONTAINMENT, THE OPERATOR SHALL INSURE THAT THE LINER IS PROTECTED FROM EXCESSIVE HYDROSTATIC FORCE OR MECHANICAL DAMAGE. EXTERNAL DISCHARGE OR SUCTION LINES SHALL NOT PENETRATE THE LINER.
- THE OPERATOR SHALL POST AN UPRIGHT SIGN NO LESS THAN 12 INCHES BY 24 INCHES WITH LETTERING NOT LESS THAN TWO INCHES IN HEIGHT IN A CONSPICUOUS PLACE ON THE FENCE SURROUNDING THE CONTAINMENT. THE OPERATOR SHALL POST THE SIGN IN A MANNER AND LOCATION SUCH THAT A PERSON CAN EASILY READ THE LEGEND. THE SIGN SHALL PROVIDE THE FOLLOWING INFORMATION: THE OPERATOR'S NAME, THE LOCATION OF THE SITE BY QUARTER-QUARTER OR UNIT LETTER, SECTION, TOWNSHIP AND RANGE, AND EMERGENCY TELEPHONE NUMBERS.
- 14. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT NEW MEXICO 811 (FORMERLY NEW MEXICO ONE CALL) A MINIMUM OF 48 HOURS BEFORE EXCAVATION. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL DESIGNATED UNDERGROUND UTILITIES. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
- 15. DURING CONSTRUCTION OF THE CONTAINMENT, THE CONTRACTOR WILL REPORT AND RESPOND TO ANY SPILLS OF HAZARDOUS MATERIALS SUCH AS GASOLINE, DIESEL, MOTOR OILS, SOLVENTS, CHEMICALS. TOXIC OR CORROSIVE SUBSTANCES, ETC. A SPILL IS DEFINED AS ANY RELEASE OF A CORROSIVE, HAZARDOUS, TOXIC OR RADIOACTIVE SUBSTANCE THAT MAY BE A THREAT TO PUBLIC HEALTH OR THE ENVIRONMENT. REPORTS OF SPILLS WILL BE MADE IMMEDIATELY TO BOTH THE NEW MEXICO ENVIRONMENT DEPARTMENT EMERGENCY RESPONSE TEAM (505-827-9329 OR 866-428-6535) AND THE LEA COUNTY EMERGENCY DISPATCHER (575-616-7155). THE CONTRACTOR WILL BE RESPONSIBLE FOR REPORTING AND CLEANUP OF ANY SPILL ASSOCIATED WITH PROJECT CONSTRUCTION. THE CONTRACTOR WILL BE RESPONSIBLE FOR REPORTING ANY DISCOVERIES OF PAST SPILLS OR CURRENT SPILLS NOT ASSOCIATED WITH CONSTRUCTION.
- 16. CONTRACTOR MUST OBTAIN OWNER PERMISSION BEFORE SALVAGING ANY ITEMS SPECIFIED FOR REMOVAL AND DISPOSAL AFTER COMPLETION OF CONSTRUCTION OF THE
- ACIDIC AND ALKALINE SOLUTIONS. ALL PRIMARY LINERS SHALL BE 30-MIL FLEXIBLE PVC, 45-MIL LLDPE STRING REINFORCED OR 60-MIL HDPE LINERS. SECONDARY LINERS 17. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING DISPOSAL SITES THAT ARE ENVIRONMENTALLY SUITABLE FOR DISPOSAL OF ITEMS NOT SPECIFIED TO BE SALVAGED. THE CONTRACTOR IS EXPECTED TO ABIDE BY ALL FEDERAL, STATE, AND LOCAL LAWS AND REGULATIONS IN OBTAINING THE NECESSARY PERMITS FROM ALL APPLICABLE AGENCIES AND/OR PRIVATE PROPERTY OWNERS. ALL COSTS ASSOCIATED WITH OBTAINING THESE PERMITS SHALL BE INCIDENTAL TO THE COMPLETION OF THE PROJECT AND NO DIRECT MEASUREMENT OR PAYMENT SHALL BE MADE THEREFORE. THE CONTRACTOR SHALL PROVIDE THE ENGINEER WITH COPIES OF ALL PERTINENT INFORMATION, AGREEMENTS, AND PERMITS RELATED TO DISPOSAL SITES UTILIZED. BORROW MATERIAL, ROCK WASTE, AND VEGETATIVE DEBRIS SHALL NOT BE PLACED IN WETLANDS, ARROYOS, OR AREAS THAT MAY IMPACT THREATENED OR ENDANGERED SPECIES. ARCHEOLOGICAL AND ENVIRONMENTAL CLEARANCES MUST BE OBTAINED BEFORE DISPOSAL.

TOP OF BERM ELEVATION	3438.20 FT
HIGH WATER ELEVATION	3435.20 FT
BOTTOM OF POND ELEVATION	3422.50 FT
SUMP ELEVATION	3414.20 FT
TOTAL CONTAINMENT VOLUME PER POND	316,000 BBL

TOTAL FLUID VOLUME BELOW 3' FREEBOARD ELEVATION PER POND | 250,000 BBL

RECYCLING CONTAINMENT B	
TOP OF BERM ELEVATION	3438.20 FT
HIGH WATER ELEVATION	3435.20 FT
BOTTOM OF POND ELEVATION	3422.50 FT
SUMP ELEVATION	3414.20 FT
TOTAL CONTAINMENT VOLUME PER POND	316,000 BBL
TOTAL FLUID VOLUME BELOW 3' FREEBOARD ELEVATION PER POND	250,000 BBL

ALL DATA SHOWN HEREIN CONCERNING EXISTING PRIVATE AND/OR PUBLIC OWNED UTILITIES HAVE BEEN OBTAINED FROM THE OWNERS AND/OR FIELD OBSERVATIONS.

CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING, IN ADVANCE OF HIS/HER CONSTRUCTION OPERATIONS, IF OVERHEAD UTILITY LINES,

SUPPORT STRUCTURES, POLES, GUYS, ETC. ARE AN OBSTRUCTION TO CONSTRUCTION OPERATIONS. IF ANY OBSTRUCTION IS EVIDENT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH THE APPROPRIATE UTILITY OWNER TO REMOVE OR SUPPORT THE UTILITY OBSTRUCTION. ANY COST ASSOCIATED WITH THIS

6. THE PERIMETER OF PIT SHALL BE ENCLOSED WITH BARBED WIRE FENCE OR GAME FENCE AS PRESCRIBED BY DESIGN/CONSTRUCTION PLAN IN REGISTRATION/PERMIT

8. THE RECYCLING CONTAINMENT SHALL HAVE A PROPERLY CONSTRUCTED FOUNDATION AND INTERIOR SLOPES CONSISTING OF A FIRM, UNYIELDING BASE, SMOOTH AND

AS DESCRIBED IN THE DESIGN/CONSTRUCTION PLANS OF THE REGISTRATION/PERMIT, ALL PRIMARY (UPPER) LINERS IN A RECYCLING CONTAINMENT SHALL BE

NEEDED TO REDUCE LOCALIZED STRESS-STRAIN OR PROTUBERANCES THAT OTHERWISE MAY COMPROMISE THE LINER'S INTEGRITY.

FREE OF ROCKS, DEBRIS, SHARP EDGES OR IRREGULARITIES TO PREVENT THE LINER'S RUPTURE OR TEAR. GEOTEXTILE IS REQUIRED UNDER AND OVER THE LINER WHEN

SHALL BE 30-MIL LLDPE STRING REINFORCED OR EQUIVALENT WITH A HYDRAULIC CONDUCTIVITY NO GREATER THAN 1 X 10-9 CM/SEC. LINER COMPATIBILITY SHALL MEET OR

GEOMEMBRANE LINERS COMPOSED OF AN IMPERVIOUS, SYNTHETIC MATERIAL THAT IS RESISTANT TO ULTRAVIOLET LIGHT, PETROLEUM HYDROCARBONS, SALTS AND

EFFORT IS INCIDENTAL TO THE PROJECT.

APPLICATION.

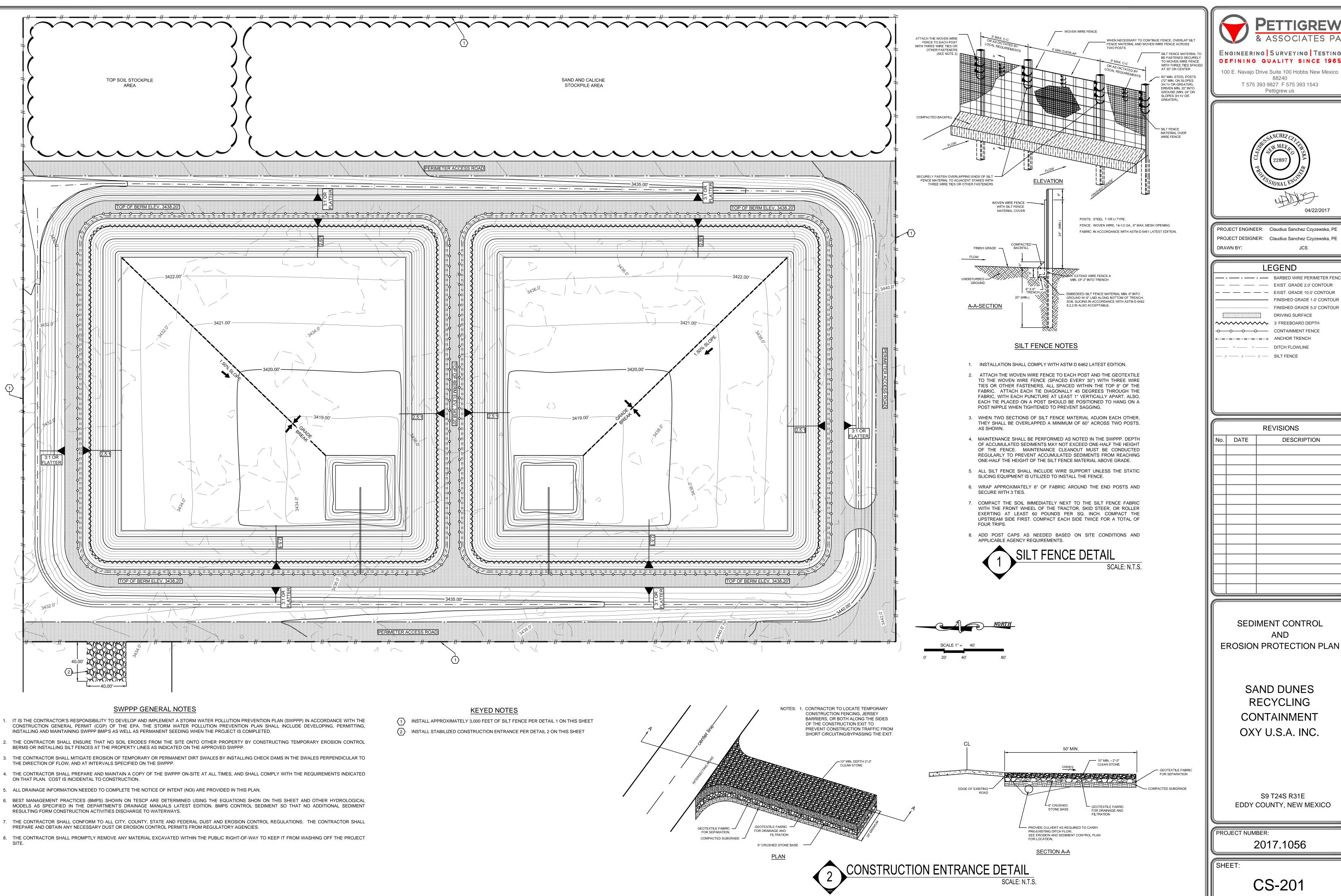
5. THE BOTTOM OF PIT SHALL BE SLOPED AT A MINIMUM 1.5% AS SHOWN.

4. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO SECURE AND SUPPLY WATER FOR THE PROJECT.

EXCEED THE EPA SW-846 METHOD 9090A OR SUBSEQUENT RELEVANT PUBLICATIONS.

7. STRIP AND STOCKPILE TOP SOIL FOR FUTURE CLOSURE USE. NMAC 19.15.34 SHALL APPLY TO THIS PROJECT.

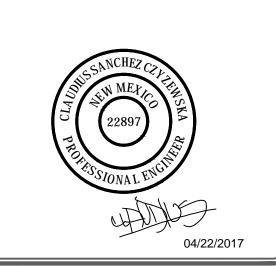
THESE MAY OR MAY NOT BE ACCURATE. THE CONTRACTOR IS CAUTIONED THAT HE IS RESPONSIBLE FOR THE EXACT LOCATION AND PROTECTION OF ALL LINES DURING





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PROJECT ENGINEER: Claudius Sanchez Czyzewska, PE PROJECT DESIGNER: Claudius Sanchez Czyzewska, PE DRAWN BY: JCS

LE	GEND
x x x	BARBED WIRE PERIMETER FENCE
	EXIST. GRADE 2.0' CONTOUR
	EXIST. GRADE 10.0' CONTOUR
	FINISHED GRADE 1.0' CONTOUR
	FINISHED GRADE 5.0' CONTOUR
	DRIVING SURFACE
<b>~~~~~</b>	3' FREEBOARD DEPTH
<b></b>	CONTAINMENT FENCE
	ANCHOR TRENCH
	DITCH FLOWLINE
	SILT FENCE
II	

REVISIONS		
No.	DATE	DESCRIPTION

SEDIMENT CONTROL **EROSION PROTECTION PLAN** 

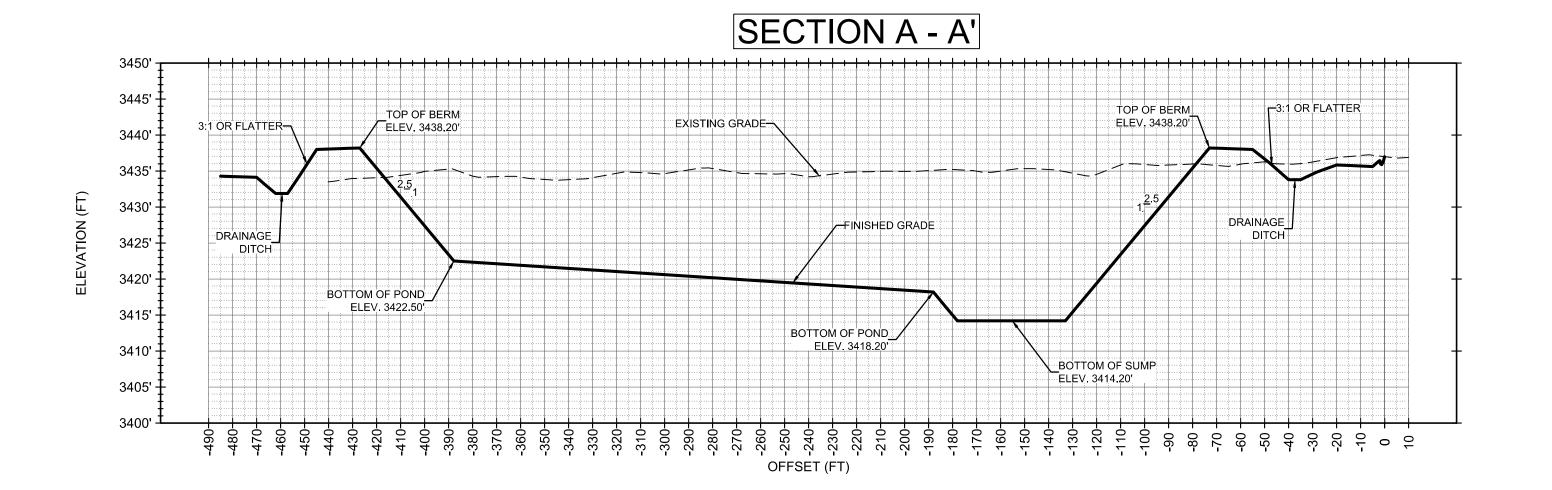
> SAND DUNES RECYCLING CONTAINMENT OXY U.S.A. INC.

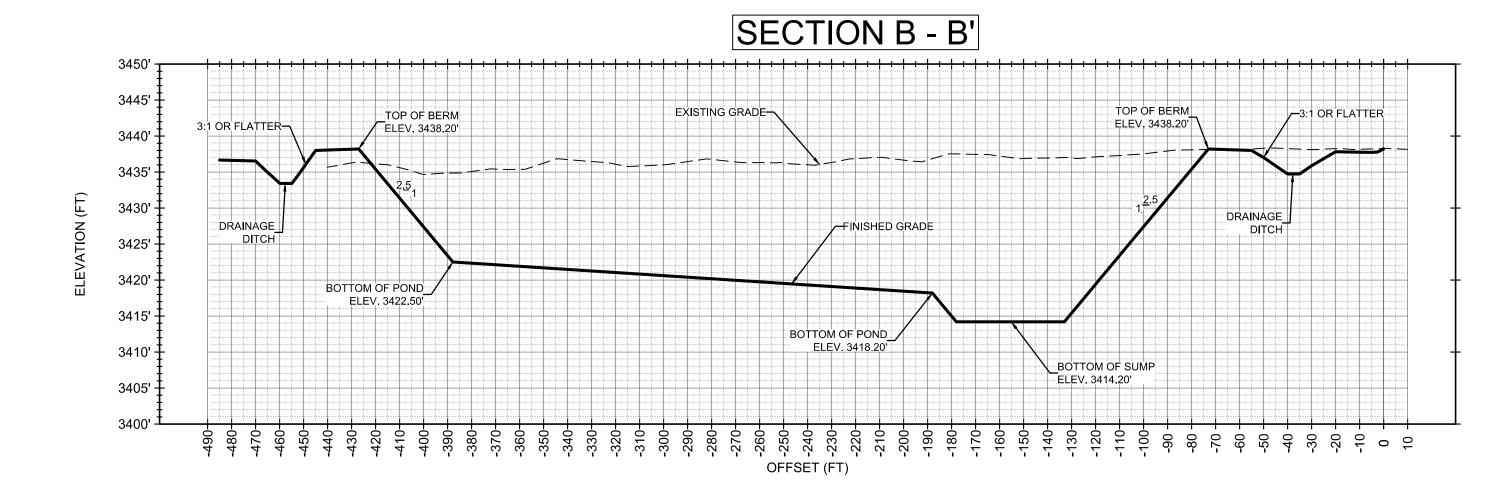
S9 T24S R31E **EDDY COUNTY, NEW MEXICO** 

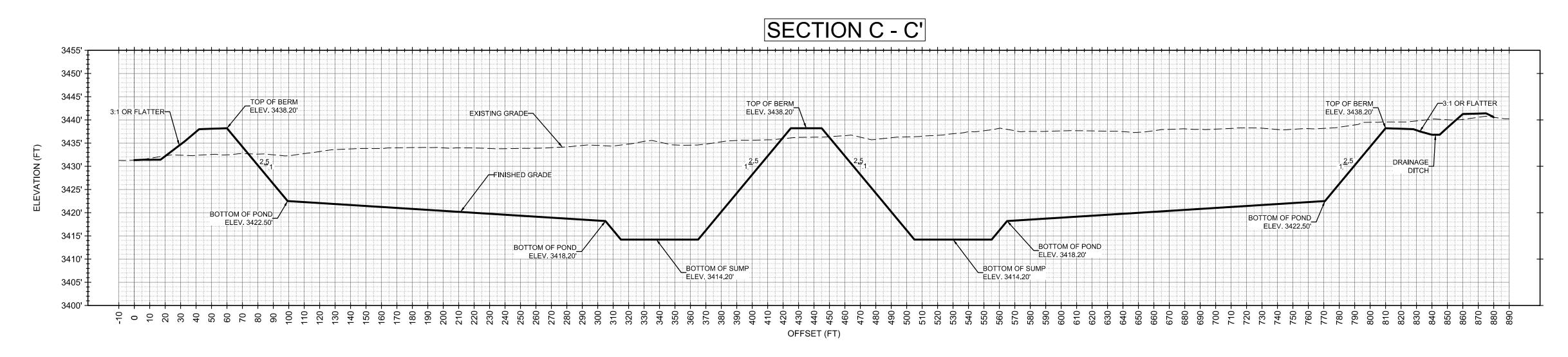
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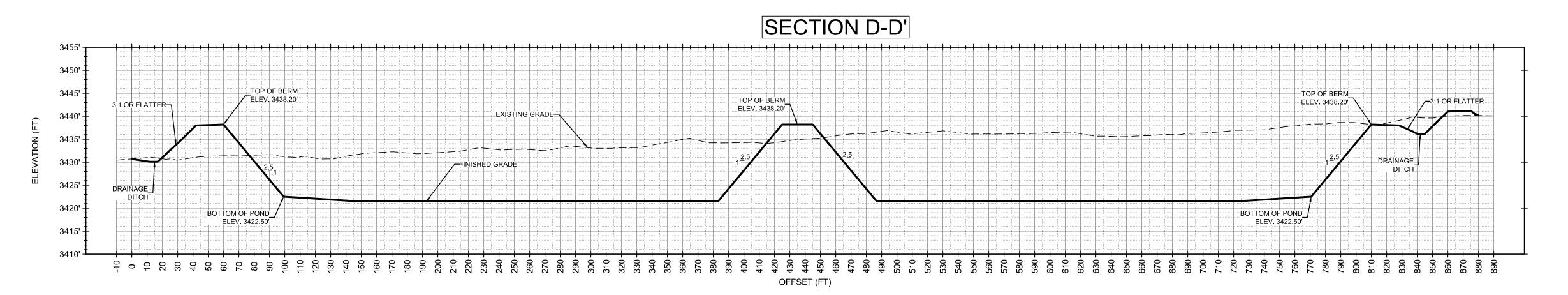
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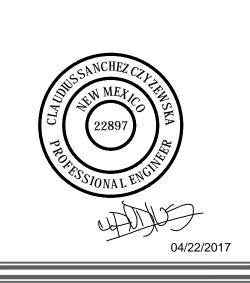












PROJECT ENGINEER: Claudius Sanchez Czyzewska, PE
PROJECT DESIGNER: Claudius Sanchez Czyzewska, PE
DRAWN BY: JCS

No. Di	REVISIONS		
	ATE	DESCRIPTION	

SECTIONS

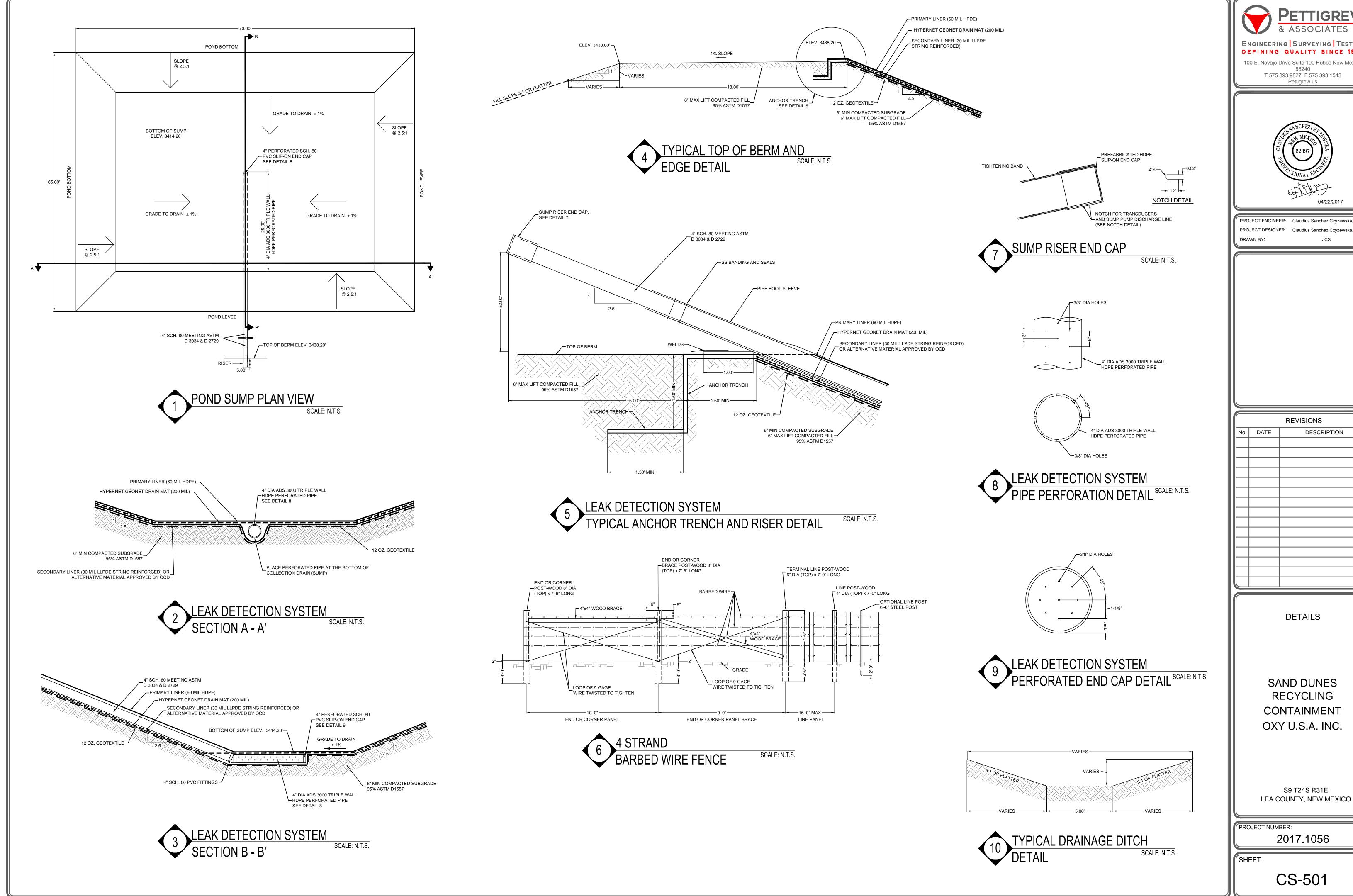
SAND DUNES RECYCLING CONTAINMENT OXY U.S.A. INC.

S9 T24S R31E EDDY COUNTY, NEW MEXICO

PROJECT NUMBER:

2017.1056

SHEET:







PROJECT ENGINEER: Claudius Sanchez Czyzewska, PE PROJECT DESIGNER: Claudius Sanchez Czyzewska, PE

DESCRIPTION

SAND DUNES CONTAINMENT OXY U.S.A. INC.



# **Appendices**

Appendix 5 – Mesa Verde - Recycling Containment #2 Engineering Drawings

# MESA VERDE RECYCLING CONTAINMENT

OXY U.S.A. INC. LEA COUNTY, NEW MEXICO S18 T24S R32E

# T24S R31E **PROJECT** LOCATION

**VICINITY MAP** 

# CONTACTS

OXY USA INC. PO BOX 2289 HOUSTON, TX 77252-7680 281-755-8907 **FEMI SERRANO** 

CIVIL ENGINEERING PETTIGREW & ASSOCIATES, P.A. 100 E NAVAJO DRIVE, SUITE 100 HOBBS, NM 88240 (575) 393-9827 CLAUDIUS SANCHEZ CZYZEWSKA, PE

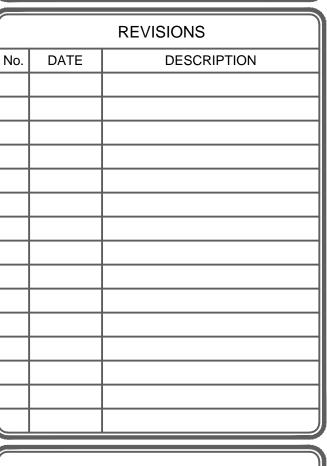
## **INDEX OF DRAWINGS**

CS-201 - SEDIMENT CONTROL AND EROSION PROTECTION PLAN

CS-501 - DETAILS



T 575 393 9827 F 575 393 1543



**COVER SHEET** 

MESA VERDE RECYCLING CONTAINMENT OXY U.S.A. INC.

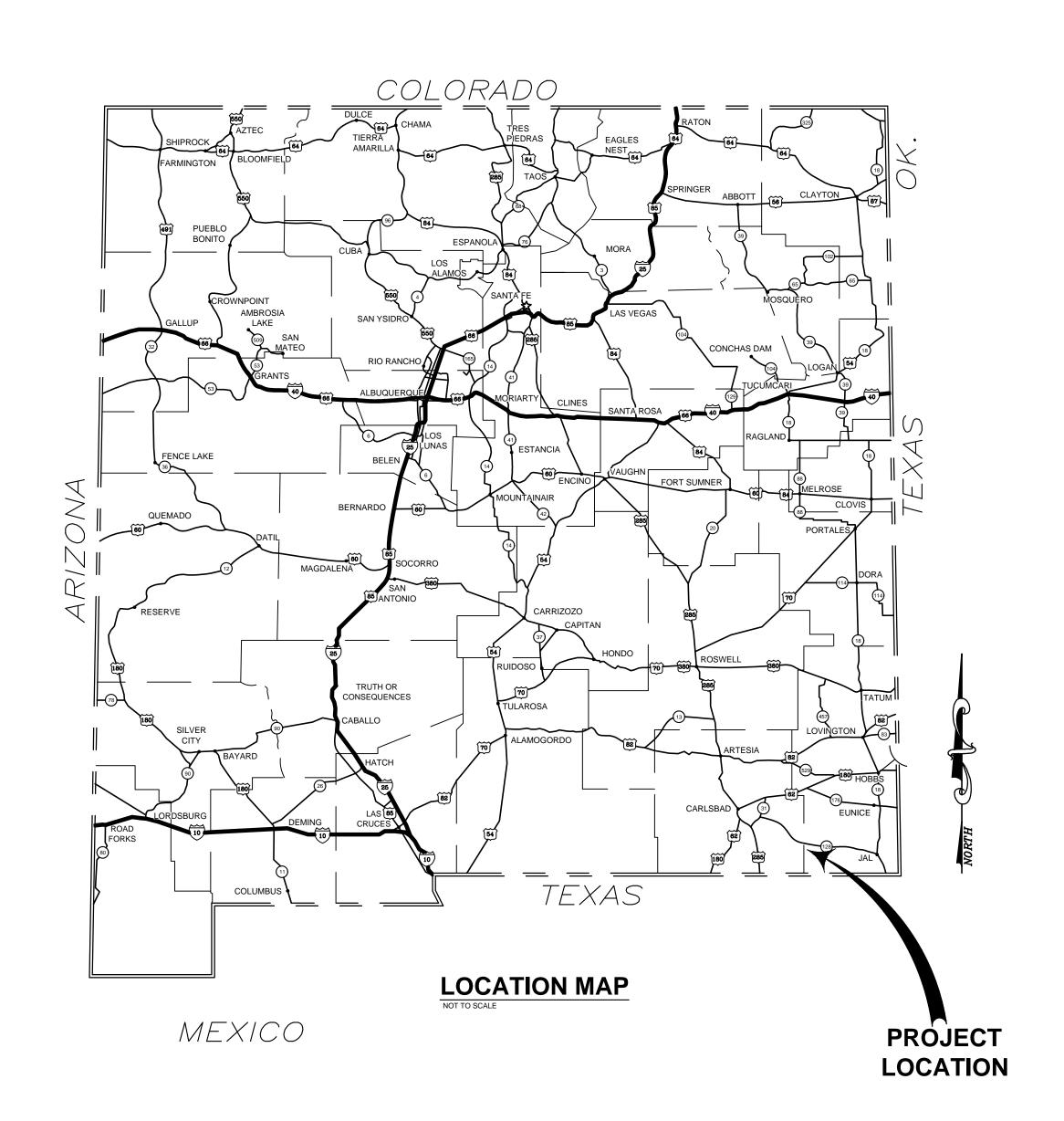
S18 T24S R32E LEA COUNTY, NEW MEXICO

PROJECT NUMBER:

2017.1056

SHEET:

C-001



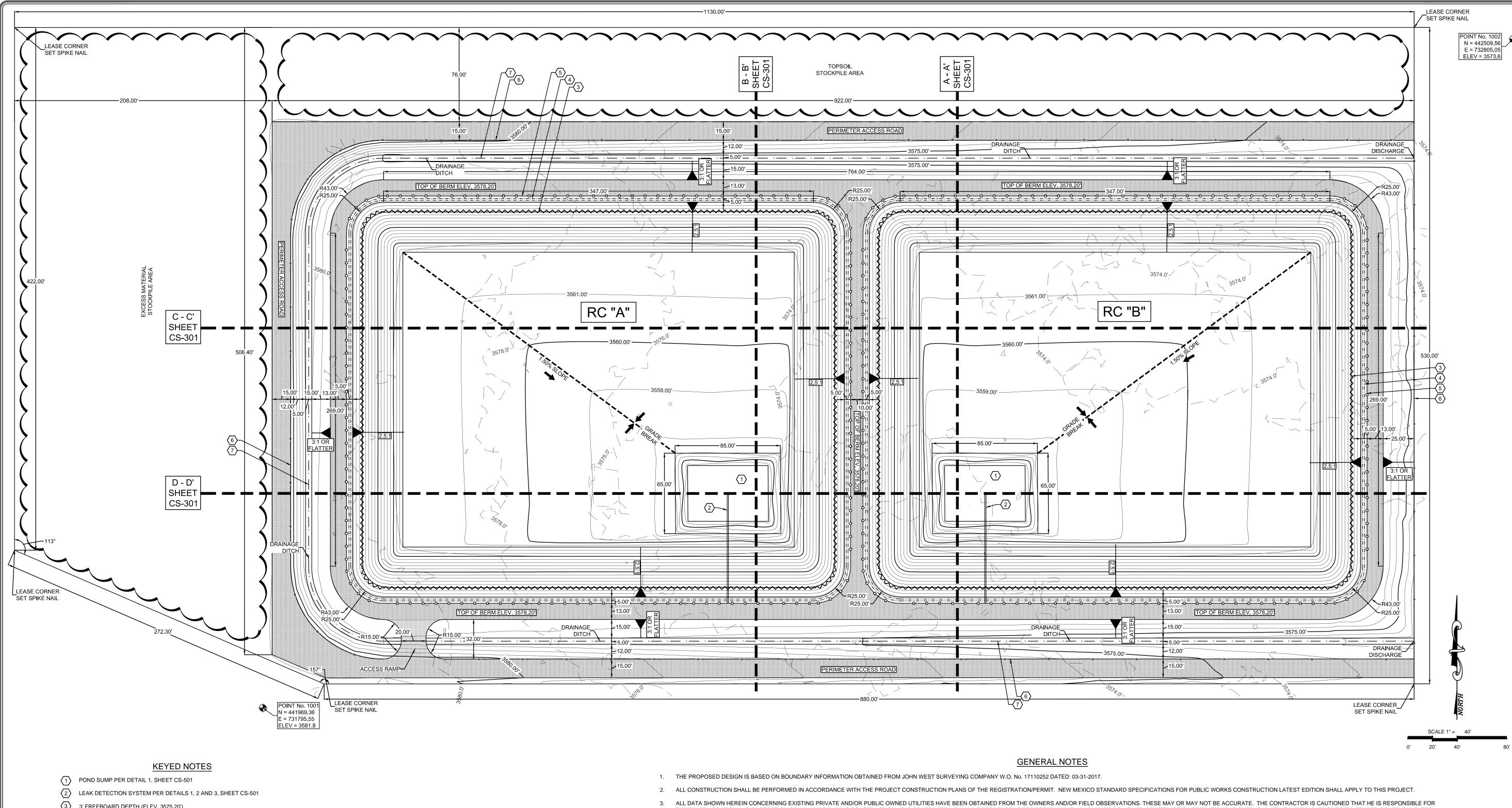


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	BENCHMARKS			
POINT	NORTH (FT)	EAST (FT)	ELEVATION (FT)	DESCRIPTION
1001	441969.36	731795.55	3581.8	CONTROL POINT
1002	442509.56	732805.05	3573.6	CONTROL POINT
THESE COORDINATES ARE SHOWN IN STATE PLANE NM-EAST FOOT NAD 83 COORDINATE SYSTEM.				

# FLOOD NOTE

THIS PROJECT IS LOCATED IN AN AREA WITHOUT A PRINTED FLOOD MAP CORRESPONDING TO FEMA FIRM PANEL 35025C1875D



- 3 3' FREEBOARD DEPTH (ELEV. 3575.20')
- ANCHOR TRENCH PER DETAIL 5, SHEET CS-501
   CONTAINMENT FENCE WITH NETTING (BY OTHERS)
- 4 STRAND RAPRED WIPE DEPIMETED FENCE DEP DETA
- 4 STRAND BARBED WIRE PERIMETER FENCE PER DETAIL 6, SHEET CS-501
- 7 DRAINAGE DITCH PER DETAIL 10, SHEET CS-501

RECYCLING CONTAINMENT A		
TOP OF BERM ELEVATION	3578.20 FT	
HIGH WATER ELEVATION	3575.20 FT	
BOTTOM OF POND ELEVATION	3562.00 FT	
SUMP ELEVATION	3553.70 FT	
TOTAL CONTAINMENT VOLUME	315,000 BBL	
TOTAL FLUID VOLUME BELOW 3' FREEBOARD ELEVATION	251,000 BBL	

RECYCLING CONTAINMENT B		
TOP OF BERM ELEVATION	3578.20 FT	
HIGH WATER ELEVATION	3575.20 FT	
BOTTOM OF POND ELEVATION	3562.00 FT	
SUMP ELEVATION	3553.70 FT	
TOTAL CONTAINMENT VOLUME	315,000 BBL	
TOTAL FLUID VOLUME BELOW 3' FREEBOARD ELEVATION	251,000 BBL	

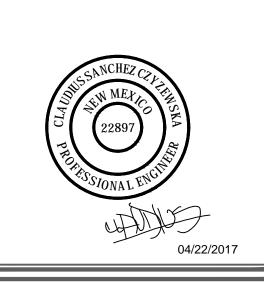
- ALL DATA SHOWN HEREIN CONCERNING EXISTING PRIVATE AND/OR PUBLIC OWNED UTILITIES HAVE BEEN OBTAINED FROM THE OWNERS AND/OR FIELD OBSERVATIONS. THESE MAY OR MAY NOT BE ACCURATE. THE CONTRACTOR IS CAUTIONED THAT HE IS RESPONSIBLE FOR THE EXACT LOCATION AND PROTECTION OF ALL LINES DURING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING, IN ADVANCE OF HIS/HER CONSTRUCTION OPERATIONS, IF OVERHEAD UTILITY LINES, SUPPORT STRUCTURES, POLES, GUYS, ETC. ARE AN OBSTRUCTION TO CONSTRUCTION OPERATIONS. IF ANY OBSTRUCTION IS EVIDENT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH THE APPROPRIATE UTILITY OWNER TO REMOVE OR SUPPORT THE UTILITY OBSTRUCTION. ANY COST ASSOCIATED WITH THIS EFFORT IS INCIDENTAL TO THE PROJECT.
- 4. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO SECURE AND SUPPLY WATER FOR THE PROJECT.
- 5. THE BOTTOM OF PIT SHALL BE SLOPED AT A MINIMUM 1.5% AS SHOWN.
- 6. THE PERIMETER OF PIT SHALL BE ENCLOSED WITH BARBED WIRE FENCE OR GAME FENCE AS PRESCRIBED BY DESIGN/CONSTRUCTION PLAN IN REGISTRATION/PERMIT APPLICATION.
- 7. STRIP AND STOCKPILE TOP SOIL FOR FUTURE CLOSURE USE. NEW MEXICO ADMINISTRATIVE CODE 19.15.34 SHALL APPLY TO THIS PROJECT.
- 8. THE RECYCLING CONTAINMENT SHALL HAVE A PROPERLY CONSTRUCTED FOUNDATION AND INTERIOR SLOPES CONSISTING OF A FIRM, UNYIELDING BASE, SMOOTH AND FREE OF ROCKS, DEBRIS, SHARP EDGES OR IRREGULARITIES TO PREVENT THE LINER'S RUPTURE OR TEAR. GEOTEXTILE IS REQUIRED UNDER AND OVER THE LINER WHEN NEEDED TO REDUCE LOCALIZED STRESS-STRAIN OR PROTUBERANCES THAT OTHERWISE MAY COMPROMISE THE LINER'S INTEGRITY.
- 9. AS DESCRIBED IN THE DESIGN/CONSTRUCTION PLANS OF THE REGISTRATION/PERMIT, ALL PRIMARY (UPPER) LINERS IN A RECYCLING CONTAINMENT SHALL BE GEOMEMBRANE LINERS COMPOSED OF AN IMPERVIOUS, SYNTHETIC MATERIAL THAT IS RESISTANT TO ULTRAVIOLET LIGHT, PETROLEUM HYDROCARBONS, SALTS AND ACIDIC AND ALKALINE SOLUTIONS. ALL PRIMARY LINERS SHALL BE 30-MIL FLEXIBLE PVC, 45-MIL LLDPE STRING REINFORCED OR 60-MIL HDPE LINERS. SECONDARY LINERS SHALL BE 30-MIL LLDPE STRING REINFORCED OR EQUIVALENT WITH A HYDRAULIC CONDUCTIVITY NO GREATER THAN 1 X 10-9 CM/SEC. LINER COMPATIBILITY SHALL MEET OR EXCEED THE EPA SW-846 METHOD 9090A OR SUBSEQUENT RELEVANT PUBLICATIONS.
- 10. LINER SEAMS SHALL BE MINIMIZED AND ORIENTED UP AND DOWN, NOT ACROSS, A SLOPE OF THE LEVEE. FACTORY WELDED SEAMS SHALL BE USED WHERE POSSIBLE.
- 11. UNLESS DIFFERENTLY STATED IN THE CONSTRUCTION PLAN OF THE REGISTRATION PERMIT, THE OPERATOR SHALL ENSURE FIELD SEAMS IN GEOSYNTHETIC MATERIAL ARE THERMALLY SEAMED. PRIOR TO FIELD SEAMING, THE OPERATOR SHALL OVERLAP LINERS FOUR TO SIX INCHES. THE OPERATOR SHALL MINIMIZE THE NUMBER OF FIELD SEAMS AND CORNERS AND IRREGULARLY SHAPED AREAS. THERE SHALL BE NO HORIZONTAL SEAMS WITHIN FIVE FEET OF THE SLOPE'S TOE. QUALIFIED PERSONNEL SHALL PERFORM FIELD WELDING AND TESTING.
- 12. AT A POINT OF DISCHARGE INTO OR SUCTION FROM THE RECYCLING CONTAINMENT, THE OPERATOR SHALL INSURE THAT THE LINER IS PROTECTED FROM EXCESSIVE HYDROSTATIC FORCE OR MECHANICAL DAMAGE. EXTERNAL DISCHARGE OR SUCTION LINES SHALL NOT PENETRATE THE LINER.
- 13. THE OPERATOR SHALL POST AN UPRIGHT SIGN NO LESS THAN 12 INCHES BY 24 INCHES WITH LETTERING NOT LESS THAN TWO INCHES IN HEIGHT IN A CONSPICUOUS PLACE ON THE FENCE SURROUNDING THE CONTAINMENT. THE OPERATOR SHALL POST THE SIGN IN A MANNER AND LOCATION SUCH THAT A PERSON CAN EASILY READ THE LEGEND. THE SIGN SHALL PROVIDE THE FOLLOWING INFORMATION: THE OPERATOR'S NAME, THE LOCATION OF THE SITE BY QUARTER-QUARTER OR UNIT LETTER, SECTION, TOWNSHIP AND RANGE, AND EMERGENCY TELEPHONE NUMBERS.
- 14. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT NEW MEXICO 811 (FORMERLY NEW MEXICO ONE CALL) A MINIMUM OF 48 HOURS BEFORE EXCAVATION. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL DESIGNATED UNDERGROUND UTILITIES. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
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- 16. CONTRACTOR MUST OBTAIN OWNER PERMISSION BEFORE SALVAGING ANY ITEMS SPECIFIED FOR REMOVAL AND DISPOSAL AFTER COMPLETION OF CONSTRUCTION OF THE CONTAINMENT.
- 17. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING DISPOSAL SITES THAT ARE ENVIRONMENTALLY SUITABLE FOR DISPOSAL OF ITEMS NOT SPECIFIED TO BE SALVAGED. THE CONTRACTOR IS EXPECTED TO ABIDE BY ALL FEDERAL, STATE, AND LOCAL LAWS AND REGULATIONS IN OBTAINING THE NECESSARY PERMITS FROM ALL APPLICABLE AGENCIES AND/OR PRIVATE PROPERTY OWNERS. ALL COSTS ASSOCIATED WITH OBTAINING THESE PERMITS SHALL BE INCIDENTAL TO THE COMPLETION OF THE PROJECT AND NO DIRECT MEASUREMENT OR PAYMENT SHALL BE MADE THEREFORE. THE CONTRACTOR SHALL PROVIDE THE ENGINEER WITH COPIES OF ALL PERTINENT INFORMATION, AGREEMENTS, AND PERMITS RELATED TO DISPOSAL SITES UTILIZED. BORROW MATERIAL, ROCK WASTE, AND VEGETATIVE DEBRIS SHALL NOT BE PLACED IN WETLANDS, ARROYOS, OR AREAS THAT MAY IMPACT THREATENED OR ENDANGERED SPECIES. ARCHEOLOGICAL AND ENVIRONMENTAL CLEARANCES MUST BE OBTAINED BEFORE DISPOSAL.



DEFINING QUALITY SINCE 1965

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PROJECT ENGINEER: Claudius Sanchez Czyzewska, PE
PROJECT DESIGNER: Claudius Sanchez Czyzewska, PE
DRAWN BY:

	REVISIONS		
No.	DATE	DESCRIPTION	

SITE GRADING PLAN AND GENERAL NOTES

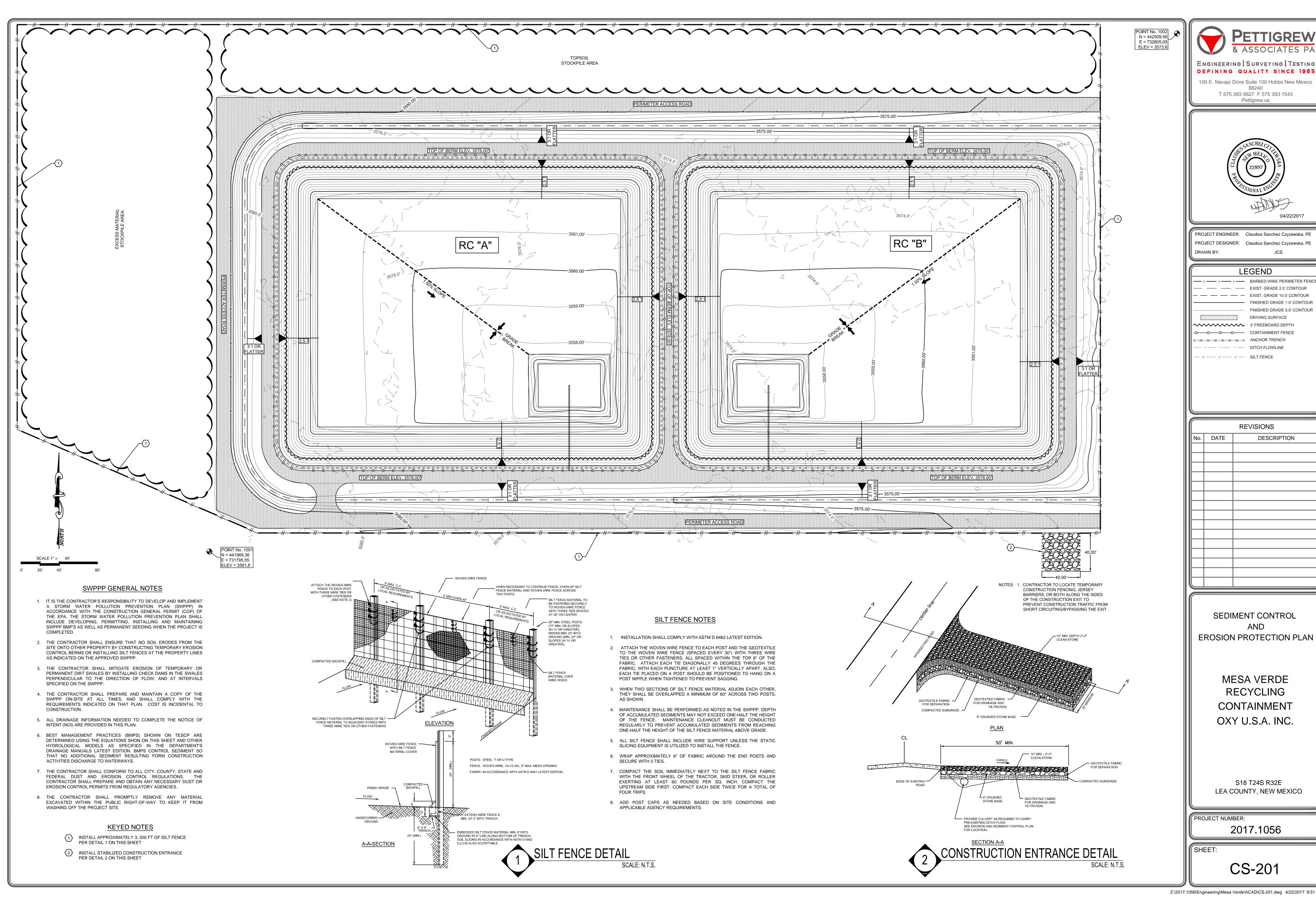
MESA VERDE RECYCLING CONTAINMENT OXY U.S.A. INC.

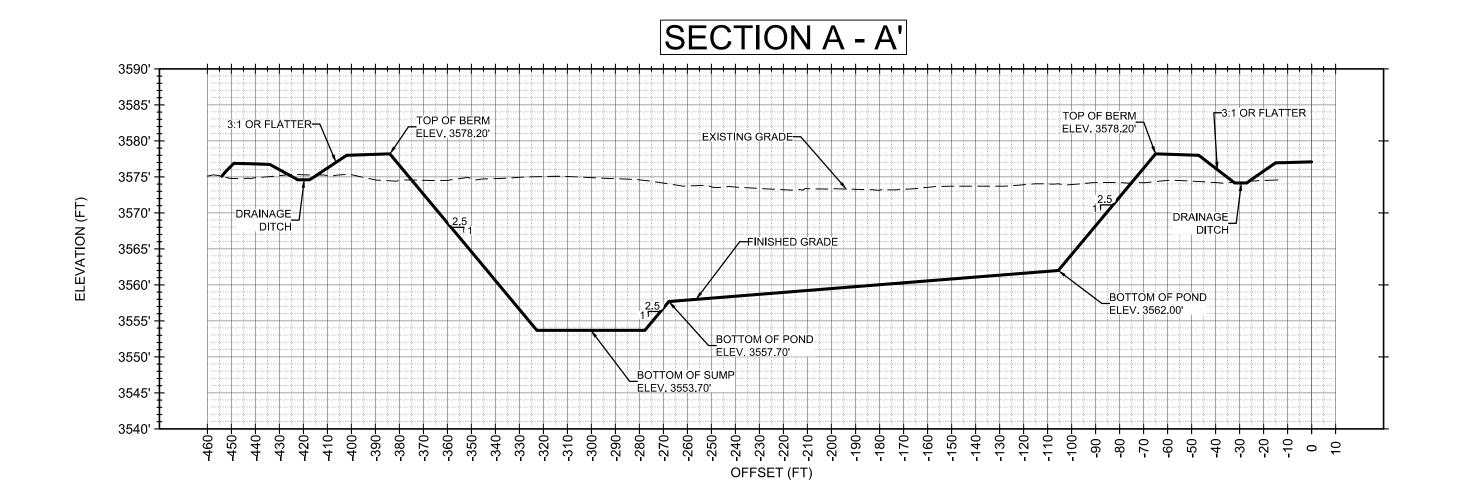
S18 T24S R32E LEA COUNTY, NEW MEXICO

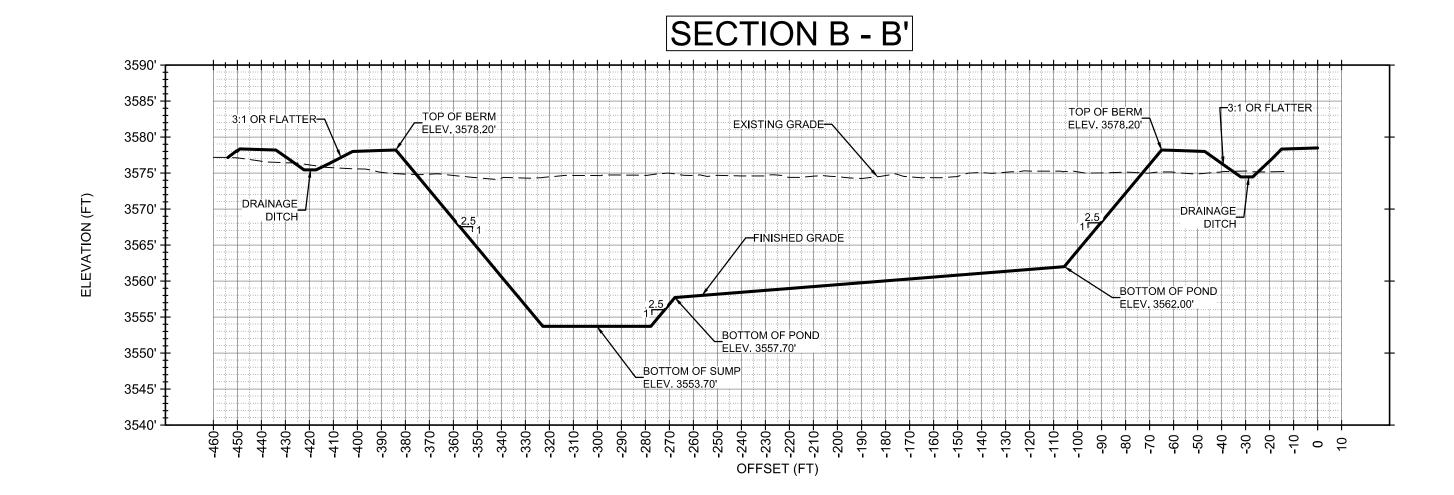
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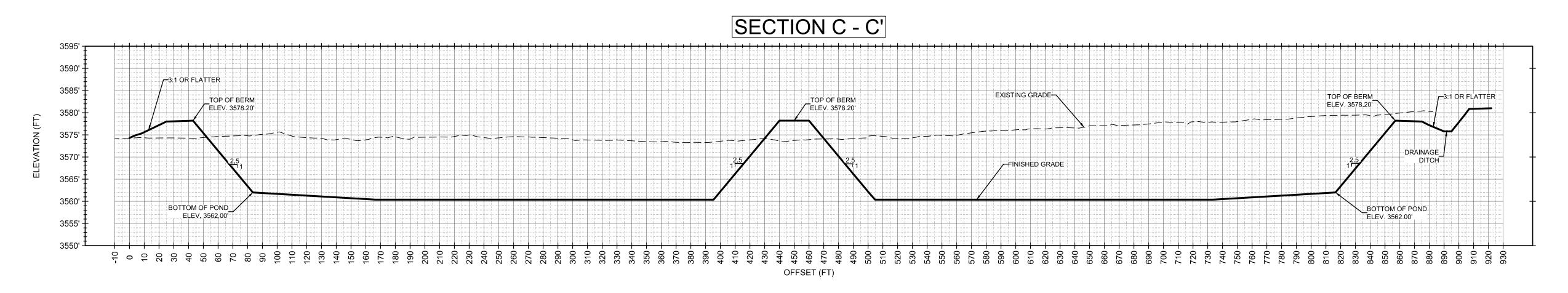
2017.1056

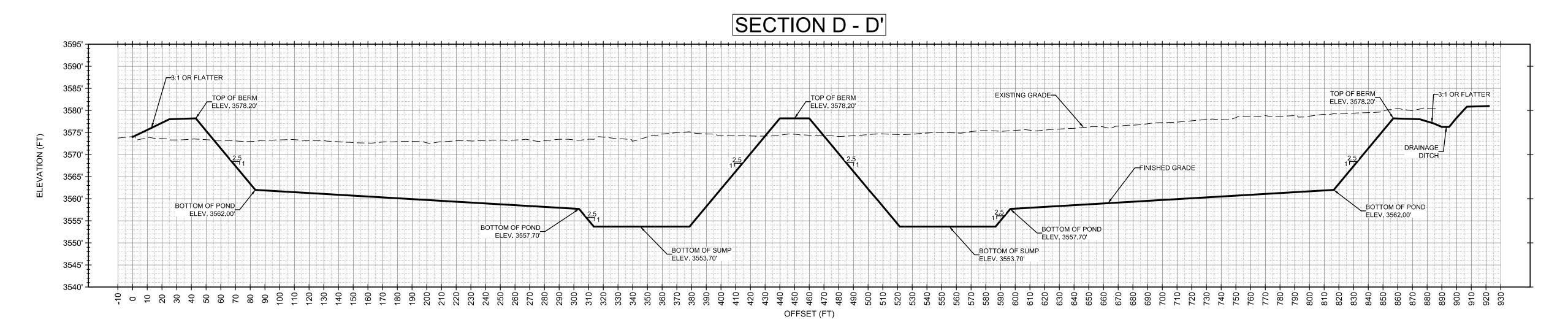
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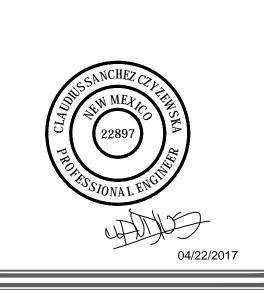








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PROJECT ENGINEER: Claudius Sanchez Czyzewska, PE
PROJECT DESIGNER: Claudius Sanchez Czyzewska, PE
DRAWN BY: JCS

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No.	DATE	DESCRIPTION

SECTIONS

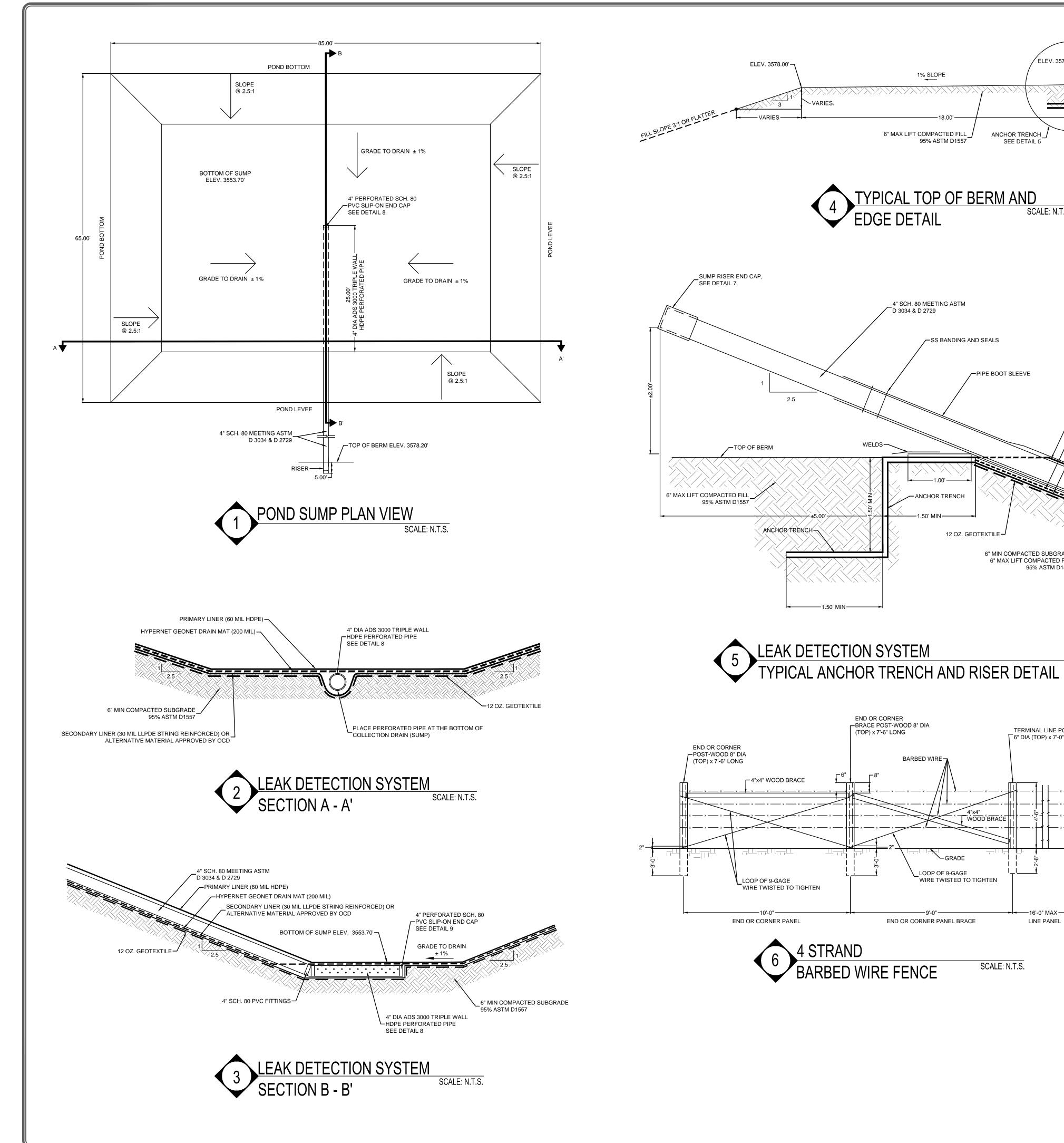
MESA VERDE RECYCLING CONTAINMENT OXY U.S.A. INC.

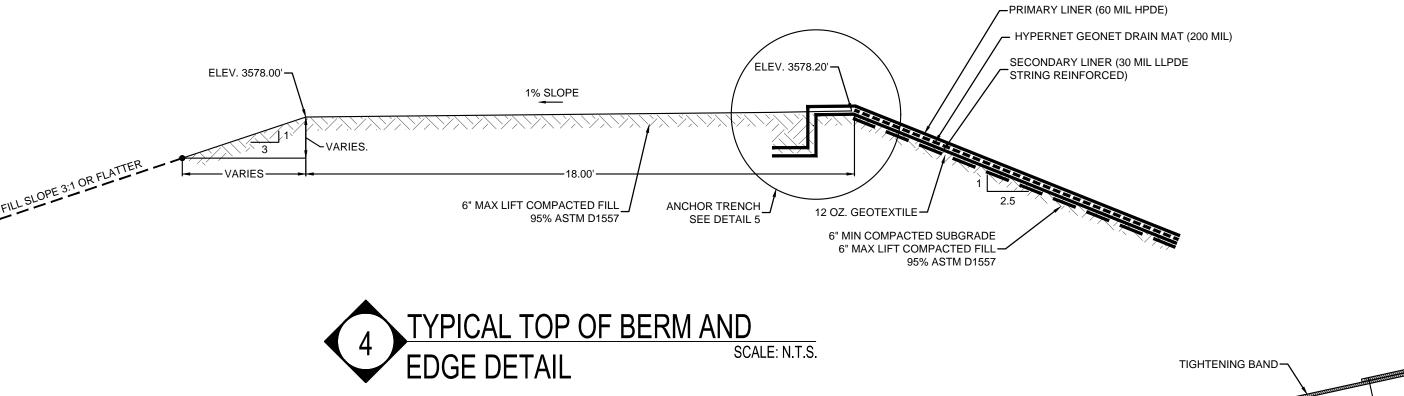
S18 T24S R32E LEA COUNTY, NEW MEXICO

PROJECT NUMBER:

2017.1056

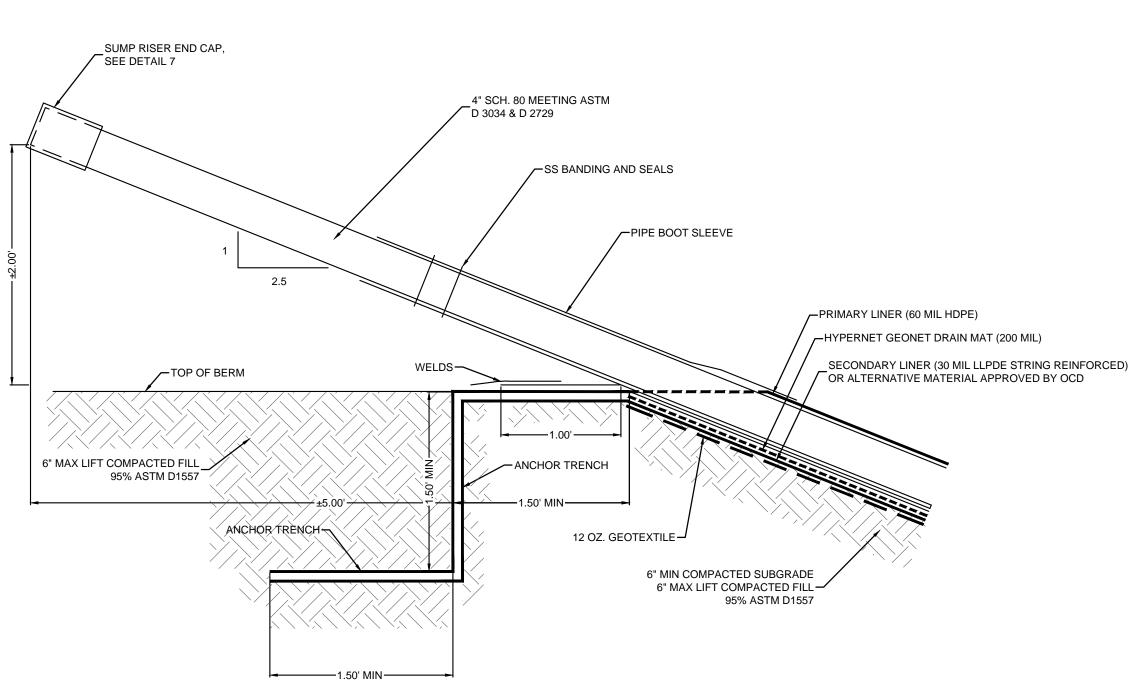
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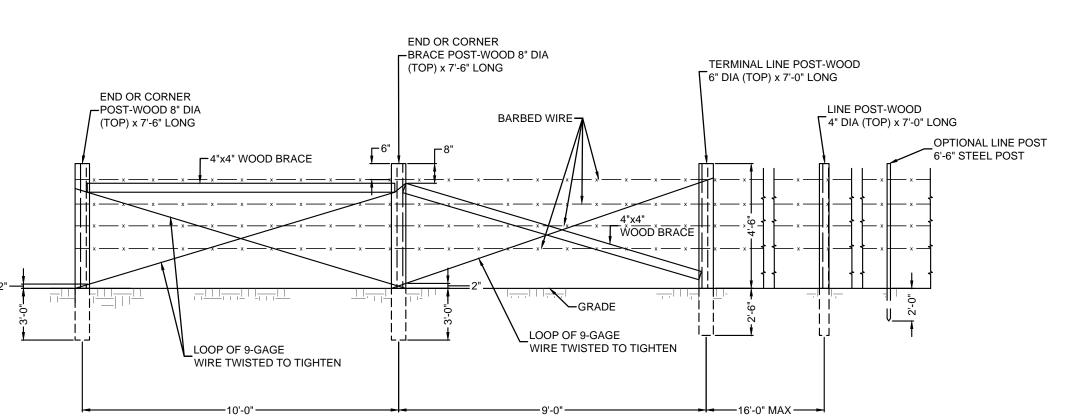




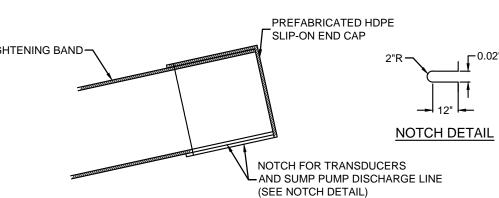
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LINE PANEL



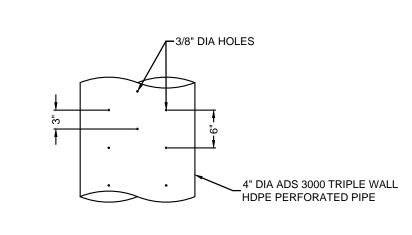


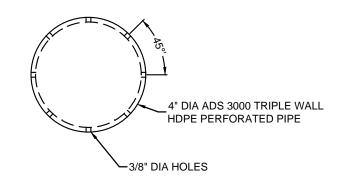




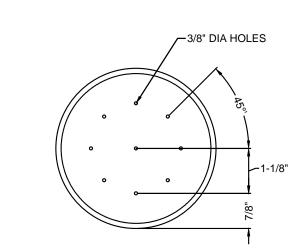
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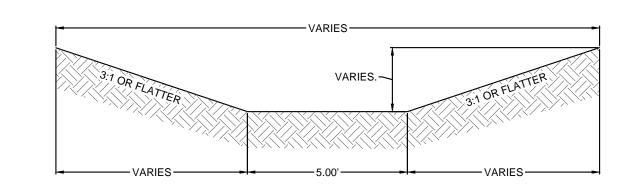


















PROJECT ENGINEER: Claudius Sanchez Czyzewska, PE PROJECT DESIGNER: Claudius Sanchez Czyzewska, PE JCS

REVISIONS		
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**DETAILS** 

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PROJECT NUMBER: 2017.1056

SHEET: