

FILE NAME: \\Data1\Projects\2015\0580.15\BIM_CAD\09_PERMIT\ATT-BIG-001 -COVER SHEET.dwg LAYOUT NAME: G-001 PRINTED: Friday, November 06, 2015 - 8:16am USER: TKrueger

C.K. DISPOSAL E&P LANDFILL & PROCESSING FACILITY CONSTRUCTION DOCUMENTS LEA COUNTY, NEW MEXICO

**C. K. DISPOSAL
E & P LANDFILL &
PROCESSING
FACILITY**

NMED PERMIT NO. ____

**NEW LANDFILL SITE
& PROCESSING FACILITY**

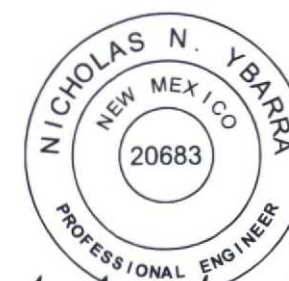
LEA COUNTY, NEW MEXICO

KEY PLAN



PARKHILL SMITH & COOPER

4222 85th Street
Lubbock, Texas 79423
806.473.2200



Nicholas N. Ybarra
11/6/2015

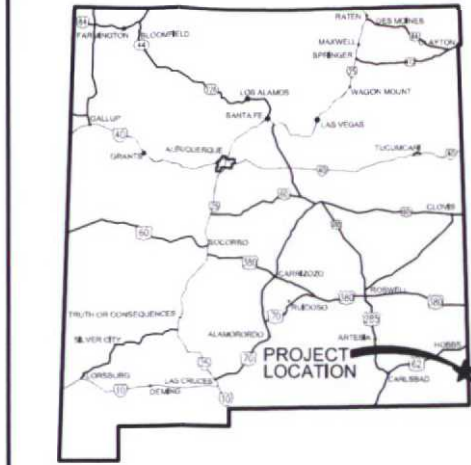
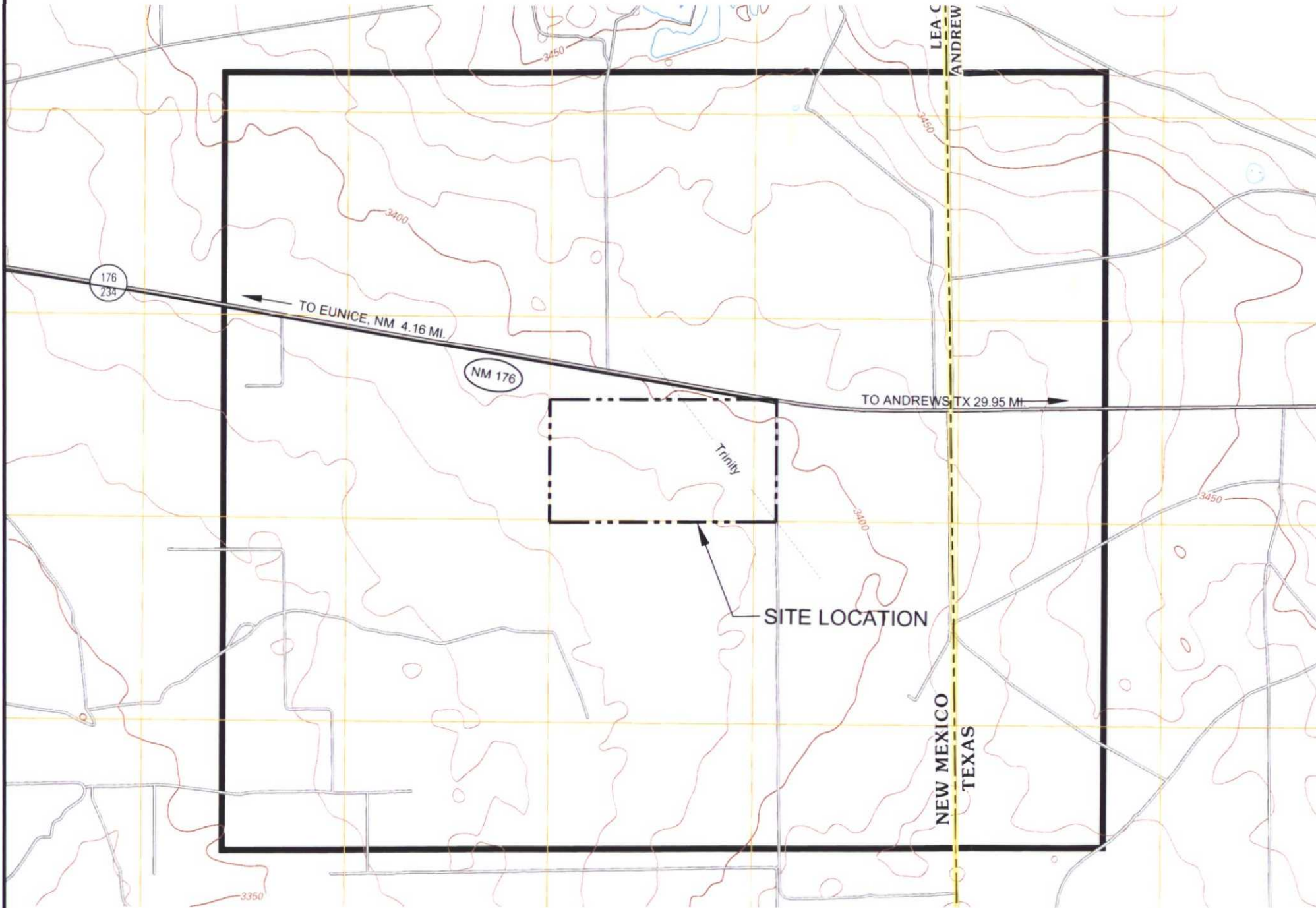
NO	DATE	DESCRIPTION
1	09/23/15	ISSUE FOR REVIEW

ISSUING OFFICE: EL PASO PROJECT NO: 0580.15

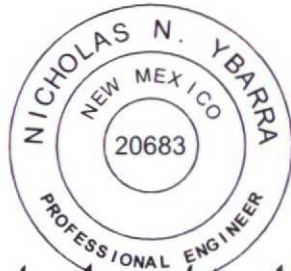
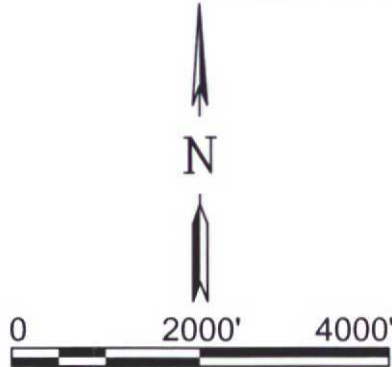
**COVER
SHEET**

G-001

FILE NAME: I:\Data\Projects\2015\0580-15\BIM_CAD\09_PERMIT\ATT-8\G-002 - PROJECT LOCATION.dwg LAYOUT NAME: G-002 PRINTED: Wednesday, November 11, 2015 - 10:26am USER: TKrueger



VICINITY MAP



Nicholas N. Ybarra
11/6/2015

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& PROCESSING FACILITY**

LEA COUNTY, NEW MEXICO

KEY PLAN

SHEET INDEX	
SHEET #	DESCRIPTION
G-001	COVER SHEET
G-002	SITE LOCATION MAP, VICINITY MAP & SHEET INDEX
G-003	EXISTING SITE CONDITIONS
G-004	SITE DEVELOPMENT PLAN
G-005	BEST MANAGEMENT PRACTICES
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C-104	FINAL COVER PROFILE
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C-107	PROCESSING AREA LAYOUT CROSS SECTIONS
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C-502	LEACHATE SUMP PLAN & PROFILE DETAILS
C-502A	LEAK DETECTION PROFILE DETAILS
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C-508	STABILIZATION AND SOLIDIFICATION AREA

OWNER:
C.K. DISPOSAL E&P LANDFILL
LEA COUNTY, NEW MEXICO

ENGINEER:
PARKHILL, SMITH & COOPER, INC.
4222 85TH STREET
LUBBOCK, TEXAS 79423
(806)473-2200

PIPELINE OWNER:
TRINITY
401 W. WALL
MIDLAND, TEXAS 79701
(432) 683-8267

**"ONE CALL UTILITY LOCATING
COMPANIES:**
1-800-321-ALERT
NEW MEXICO ONE CALL: 811

MAP REFERENCE

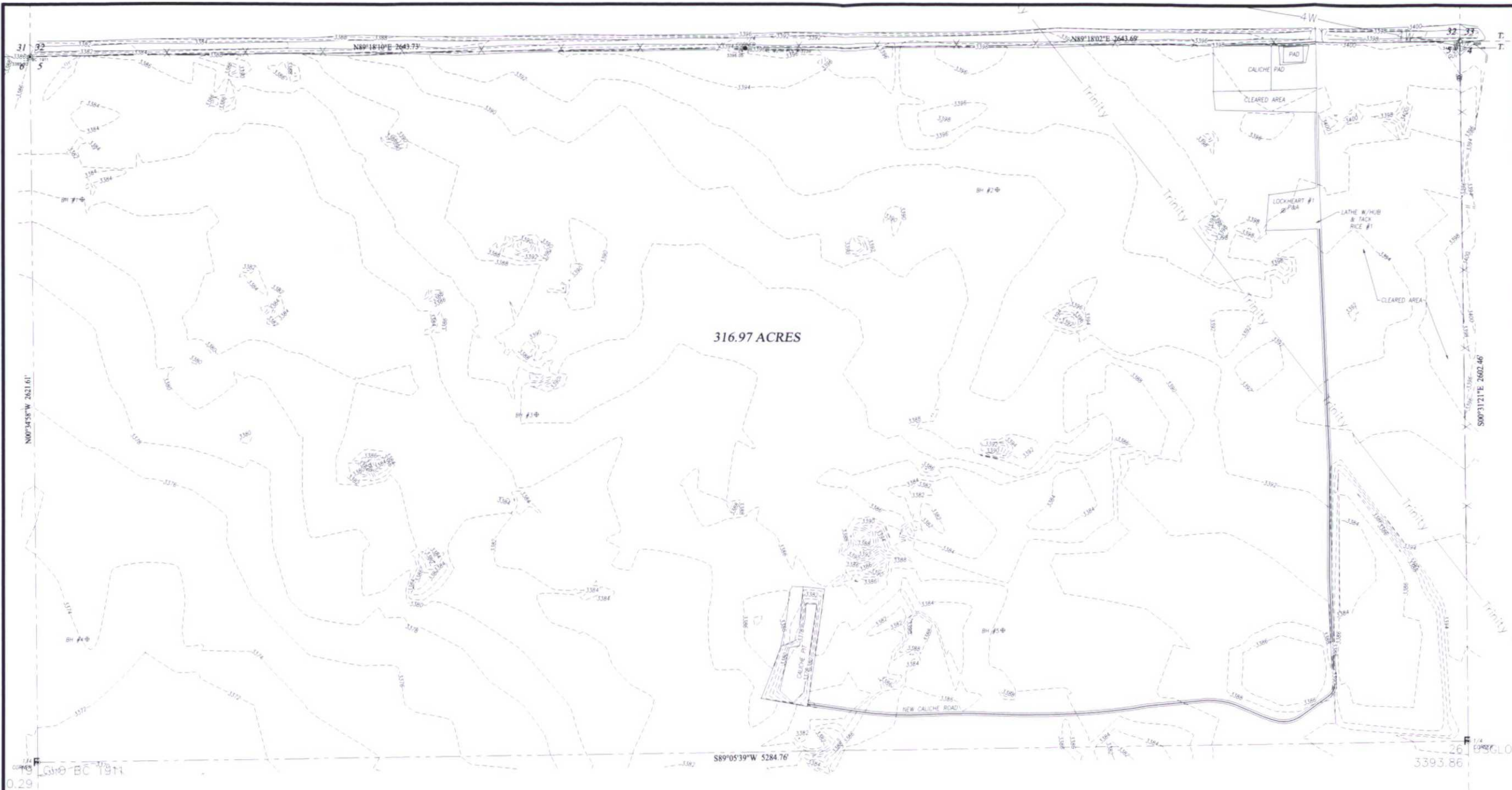
United States Geological Survey
North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84). Projection and
1 000-meter grid: Universal Transverse Mercator, Zone 13S
10 000-foot ticks: Texas Coordinate System of 1983 (north
central zone), New Mexico Coordinate System of 1983 (east
zone)

North American Vertical Datum of 1998
Eunice NE, TX-NM
2012

(EDITED BY PARKHILL, SMITH & COOPER, INC.)

**SITE LOCATION,
VICINITY MAP,
& INDEX SHEET**

G-002



LEGEND:

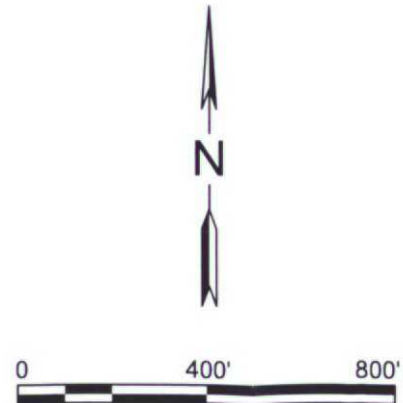
- - DENOTES FOUND USGLO 1911 BRASS CAP
- - DENOTES FOUND 1/2" STEEL ROD
- - DENOTES FOUND 2-1/2" ALUMINUM CAP MARKED "MUTH PLS #13239"
- ⊗ - DENOTES PLUGGED & ABANDONED PRODUCTION WELL
- BH #1 - DENOTES BORE HOLE LOCATION
- ⊕ - DENOTES MANHOLE WITH VALVE
- - - - - DENOTES TRINITY CO₂ PIPELINE
- - - - - DENOTES HIGHWAY RIGHT-OF-WAY
- - - - - DENOTES FENCE LINE
- - - - - DENOTES 4 WIRE OVERHEAD ELECTRIC LINE
- UPO - DENOTES UTILITY POLE
- GUY - DENOTES GUY/ANCHOR WIRE
- - - - - LANDFILL PROPERTY/PERMIT BOUNDARY

NOTE:

- 1) OWNER OF RECORD: A. BRYCE KARGER, WARRANTY DEED BOOK 1956, PAGE 831.
- 2) ELEVATIONS ARE RELATIVE TO NAVD88 (GEOID 12A).
- 3) THIS IS NOT A BOUNDARY SURVEY. APPARENT PROPERTY CORNERS AND PROPERTY LINES ARE SHOWN FOR INFORMATION PURPOSES ONLY. SECTION LINE DATA HEREON ARE MERCATOR GRID AND CONFORM TO THE NEW MEXICO COORDINATE SYSTEM "NEW MEXICO EAST ZONE" NORTH AMERICAN DATUM 1983. DISTANCES ARE SURFACE VALUES.
- 4) UTILITIES SHOWN WERE LOCATED FROM OBSERVED EVIDENCE. CONTRACTOR SHALL FIELD VERIFY ALL UTILITIES.



PROVIDING SURVEYING SERVICES
SINCE 1946
JOHN WEST SURVEYING COMPANY
412 N. DAL PASO
HOBBS, NEW MEXICO 88240
(575) 393-3117 www.jwsc.biz
TBPLS# 10021000



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LEA COUNTY, NEW MEXICO

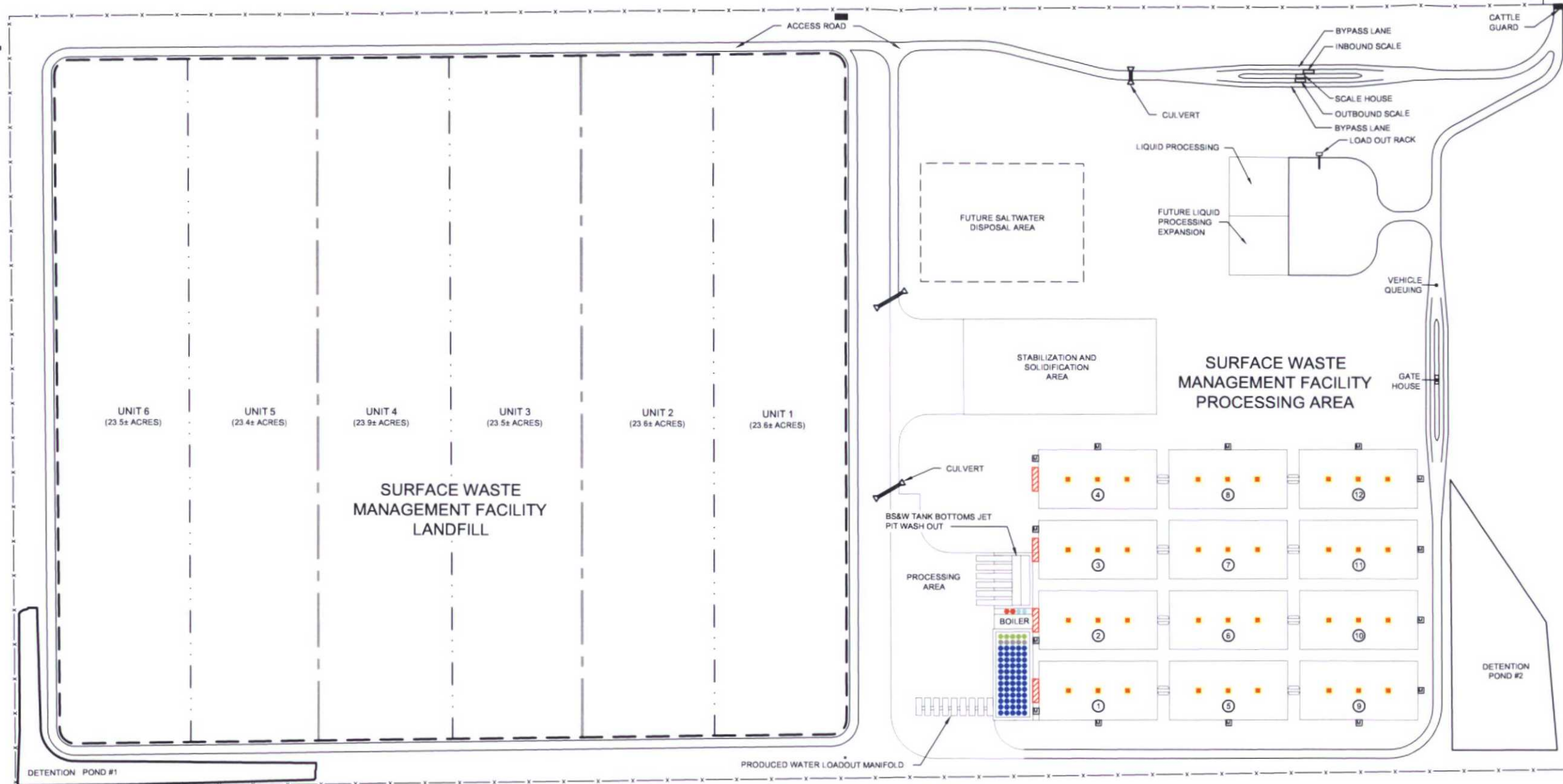
KEY PLAN

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SITE SURVEY

G-003

FILE NAME: \\Data1\\Projects\\20150580.15\\BIM_CAD\\09_PERMIT\\ATT-BIG-004 - SITE DEVELOPMENT PLAN.dwg LAYOUT NAME: G-004 PRINTED: Friday, November 06, 2015 - 8:18am USER: TKrueger



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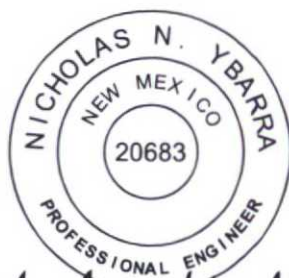
NEW LANDFILL SITE
& PROCESSING FACILITY

LEA COUNTY, NEW MEXICO

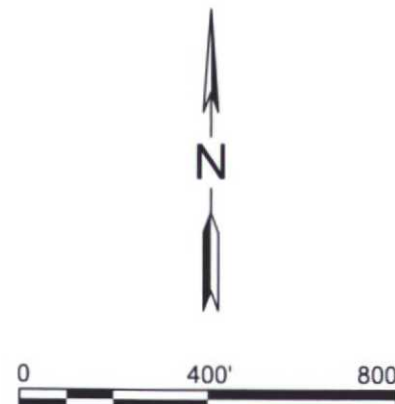
KEY PLAN

LEGEND

- x — x — FENCE/LANDFILL PROPERTY/PERMIT BOUNDARY
- — — LANDFILL FOOTPRINT
- - - LANDFILL PHASE LINE
- . - . UNIT LIMITS
- MECHANICAL OIL/WATER SEPARATOR
- EVAPORATOR
- MONITORING POINTS
- LOW WATER CROSSING
- PRODUCED WATER SETTING TANK
- OIL RECOVER TANK
- OIL SALES TANK
- CHEMICAL TANK
- JET OUT WATER TANK
- EVAPORATION POND NUMBER



Nicholas H. Ybarra
11/6/2015

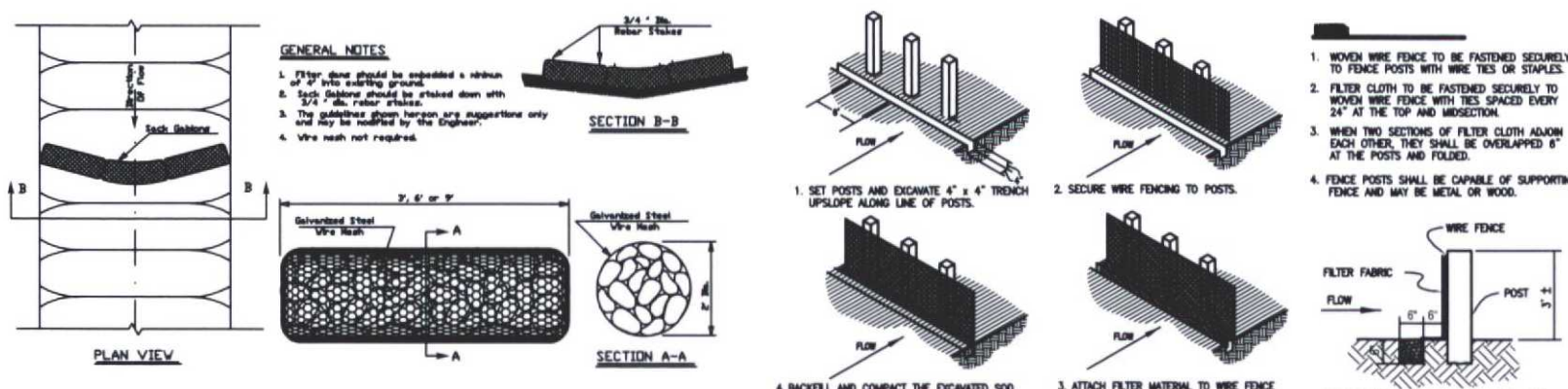
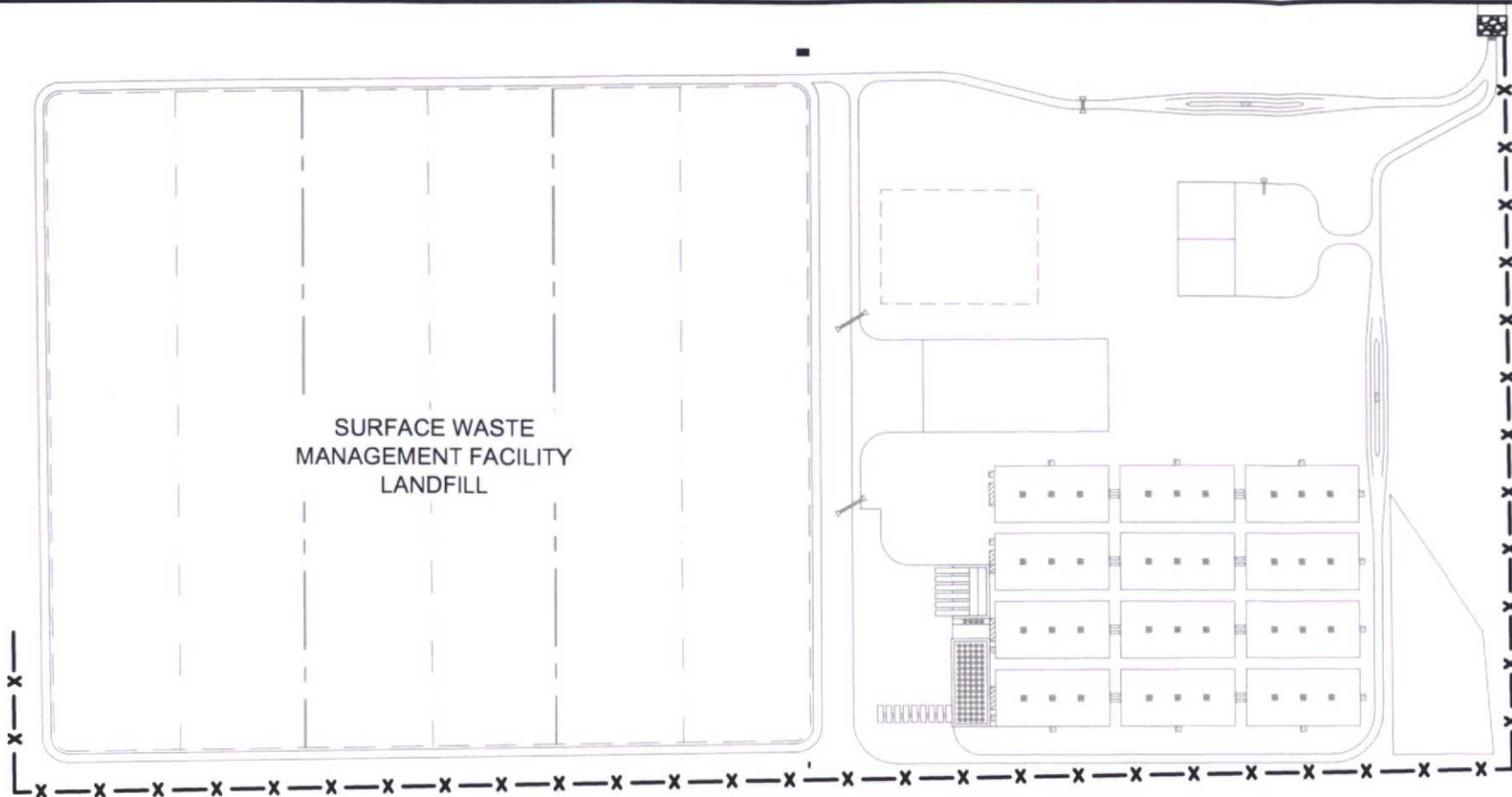


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**SITE DEVELOPMENT
PLAN**

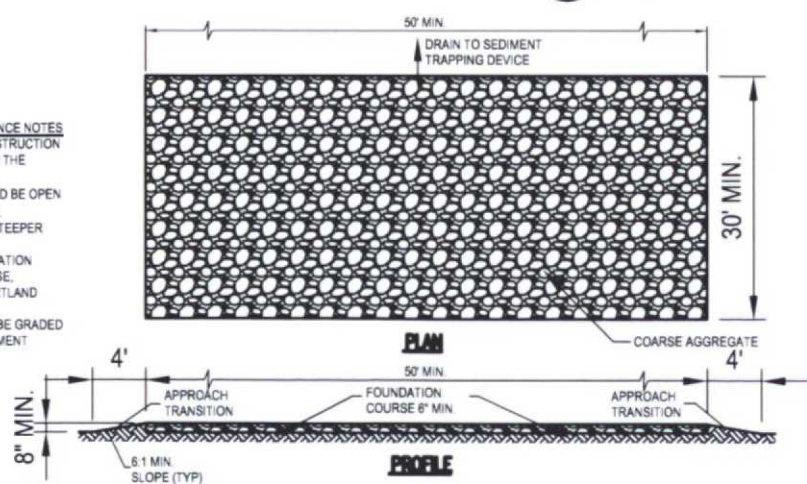
G-004



B1 ROCK FILTER DAM - TYPE 4 (SACK GABIONS)
NO SCALE

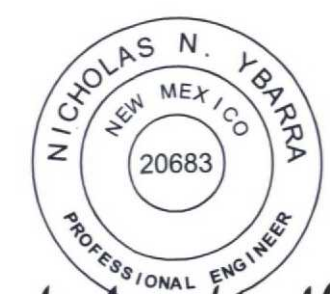
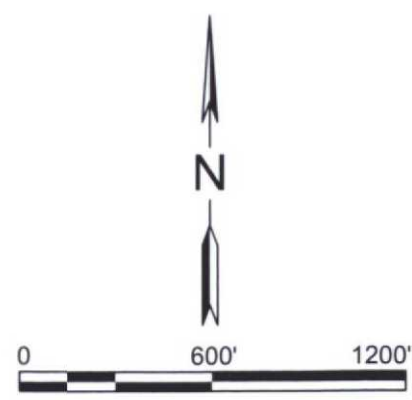
B2 FILTER FABRIC BARRIER (SILT FENCE)
NO SCALE

- STABILIZED CONSTRUCTION ENTRANCE NOTES**
1. THE LENGTH OF THE TYPE 1 CONSTRUCTION EXIT SHALL BE AS INDICATED ON THE PLANS, BUT NOT LESS THAN 50'.
 2. THE COARSE AGGREGATE SHOULD BE OPEN GRADED WITH A SIZE OF 4" TO 8".
 3. THE APPROACH SHOULD BE NO STEEPER THAN 6:1.
 4. THE CONSTRUCTION EXIT FOUNDATION COURSE SHALL BE FLEXIBLE BASE, BITUMINOUS CONCRETE OR PORTLAND CEMENT CONCRETE.
 5. THE CONSTRUCTION EXIT SHALL BE GRADED TO ALLOW DRAINAGE TO A SEDIMENT TRAPPING DEVICE.



A1 STABILIZED CONSTRUCTION ENTRANCE & EXIT (TYPE 1)
NO SCALE

- LEGEND**
- AREA AFFECTED BY PROJECT (APPROX. 316.97 ACRES)
 - SILT FENCE
 - STABILIZED CONSTRUCTION ENTRANCE
- BEST MANAGEMENT PRACTICES**
1. STRUCTURAL MEASURES SHALL BE MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT IN EFFECTIVE OPERATING CONDITIONS.
 2. DOCUMENTATION OF MAINTENANCE ACTIVITIES INCLUDING FREQUENCY, LOT DESIGNATION, INSPECTION OF STRUCTURAL CONTROLS, MATERIAL STORAGE AREAS, VEHICLES ENTRANCE AND EXITS, ACTIONS TAKEN AND INSPECTORS NAME.
 3. CONSTRUCTION SITE NOTICE WILL BE MAINTAINED ON SITE.
 4. COPY OF SWPPP SHALL BE KEPT ON SITE.
 5. PERIMETER MUST RETAIN THE
- A. WASTE MATERIALS**
ALL WASTE MATERIALS INCLUDING CONSTRUCTION DEBRIS, SHALL BE COLLECTED AND STORED IN A SECURED LIDDED METAL DUMPSTER, NO CONSTRUCTION MATERIAL SHALL BE BURIED ON SITE. THE DUMPSTER SHALL BE EMPTIED AS NECESSARY OR AS AND THE TRASH BE HAULED TO A LICENSED LANDFILL.
- B. HAZARDOUS WASTE**
AT A MINIMUM, ANY PRODUCTS IN THE FOLLOWING CATEGORIES SHALL BE CONSIDERED HAZARDOUS PAINT, ACIDS FOR CLEANING MASONRY SURFACE, CLEANING SOLVENTS, ASPHALT PRODUCTS, CHEMICAL ADDITIVES FOR SPILL STABILIZATION, CURING COMPOUNDS AND ADDITIVES, IN EVENT OF SPILL WHICH MAY BE HAZARDOUS THE CONTRACTOR SHALL TAKE IMMEDIATE ACTION AND CONTACT THE FIRE DEPARTMENT, OCD AND NMED.
- C. SANITARY WASTE**
ALL SANITARY WASTE SHALL BE COLLECTED FROM THE CONSTRUCTION PORTABLE UNITS AS NECESSARY BY A LICENSED SANITARY WASTE MANAGEMENT CONTRACTOR. ALL WASTE MATERIAL SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- D. SPILL PREVENTION**
THE FOLLOWING PRACTICES SHALL BE USED TO REDUCE THE RISK OF SPILLS OR OTHER ACCIDENTAL EXPOSURES OR MATERIALS TO STORM WATER RUNOFF.
- E. GOOD HOUSEKEEPING**
1. STORE ONLY ENOUGH PRODUCTS REQUIRED TO DO THE JOB.
2. NEATLY STORE MATERIAL ON-SITE IN A SECURE MANNER.
3. KEEP PRODUCTS IN THEIR ORIGINAL CONTAINER.
4. DO NOT MIX SUBSTANCES WITH ANOTHER, UNLESS OTHERWISE RECOMMENDED BY THE MANUFACTURER.
5. USE ENTIRE CONTENTS OF A PRODUCT BEFORE DISPOSING OF THE CONTAINER.
6. FOLLOW MANUFACTURER'S RECOMMENDATIONS FOR PROPER USE AND DISPOSAL.
- F. HAZARDOUS CONDITIONS**
PRACTICES TO REDUCE RISKS:
1. KEEP PRODUCTS IN THEIR ORIGINAL CONTAINER IF AT ALL POSSIBLE.
2. RETAIN ORIGINAL LABELS, PRODUCT INFORMATION AND MATERIAL SAFETY DATA SHEETS (MSDS).
3. DISPOSE SURPLUS PRODUCTS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
- G. PETROLEUM PRODUCTS**
PRODUCTS SHALL BE STORED IN TIGHTLY SEALED CONTAINERS WHICH ARE CLEARLY LABELED ANY ASPHALT SUBSTANCES USED ON-SITE SHALL BE APPLIED ACCORDING TO THE MANUFACTURER RECOMMENDATIONS.
- H. SPILL CONTROL PRACTICES**
1. MANUFACTURER RECOMMENDED METHODS FOR SPILL CLEAN UP SHALL BE CLEARLY POSTED AND SITE PERSONNEL SHALL BE MADE AWARE OF THE PROCEDURE.
2. MATERIALS AND EQUIPMENT NECESSARY FOR SPILL CLEANUP SHALL BE KEPT IN THE MATERIAL STORAGE AREA ON-SITE.
3. ALL SPILLS SHALL BE CLEANED UP IMMEDIATELY AFTER DISCOVERY.
4. SPILL AREA SHALL BE WELL VENTILATED AND APPROPRIATE CLOTHING WILL BE WORN.
5. ANY SPILL SHALL BE REPORTED TO THE APPROPRIATE GOVERNMENTAL AGENCY.
6. MEASURES SHALL BE TAKEN TO PREVENT A SPILL FROM REOCCURRING.
- I. MAINTENANCE AND INSPECTION PROCEDURES**
ALL POLLUTION PREVENTION MEASURES SHALL BE INSPECTED AT LEAST EVERY 14-DAYS AND FOLLOWING A STORM EVENT OF 0.5 INCHES OR MORE BEST MANAGEMENT PRACTICES AND POLLUTION CONTROL PROCEDURES SHALL BE INSPECTED FOR ADEQUACY. A RECORD OF THE RESULTS OF THE INSPECTION OF THE SITE SHALL BE KEPT ON-SITE.
- J. REMARKS**
DISPOSAL AREAS, STOCKPILES, AND HAUL ROADS SHALL BE CONSTRUCTED IN A MANNER THAT WILL MINIMIZE AND CONTROL THE AMOUNT OF SEDIMENT THAT MAY ENTER RECEIVING WATERS, CONSTRUCTION STAGING AREAS AND VEHICLE MAINTENANCE AREAS SHALL BE CONSTRUCTED BY THE CONTRACTOR IN A MANNER TO MINIMIZE THE RUNOFF OF POLLUTANTS.



Nicholas H. Ybarra
11/6/2015

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& PROCESSING FACILITY**

LEA COUNTY, NEW MEXICO

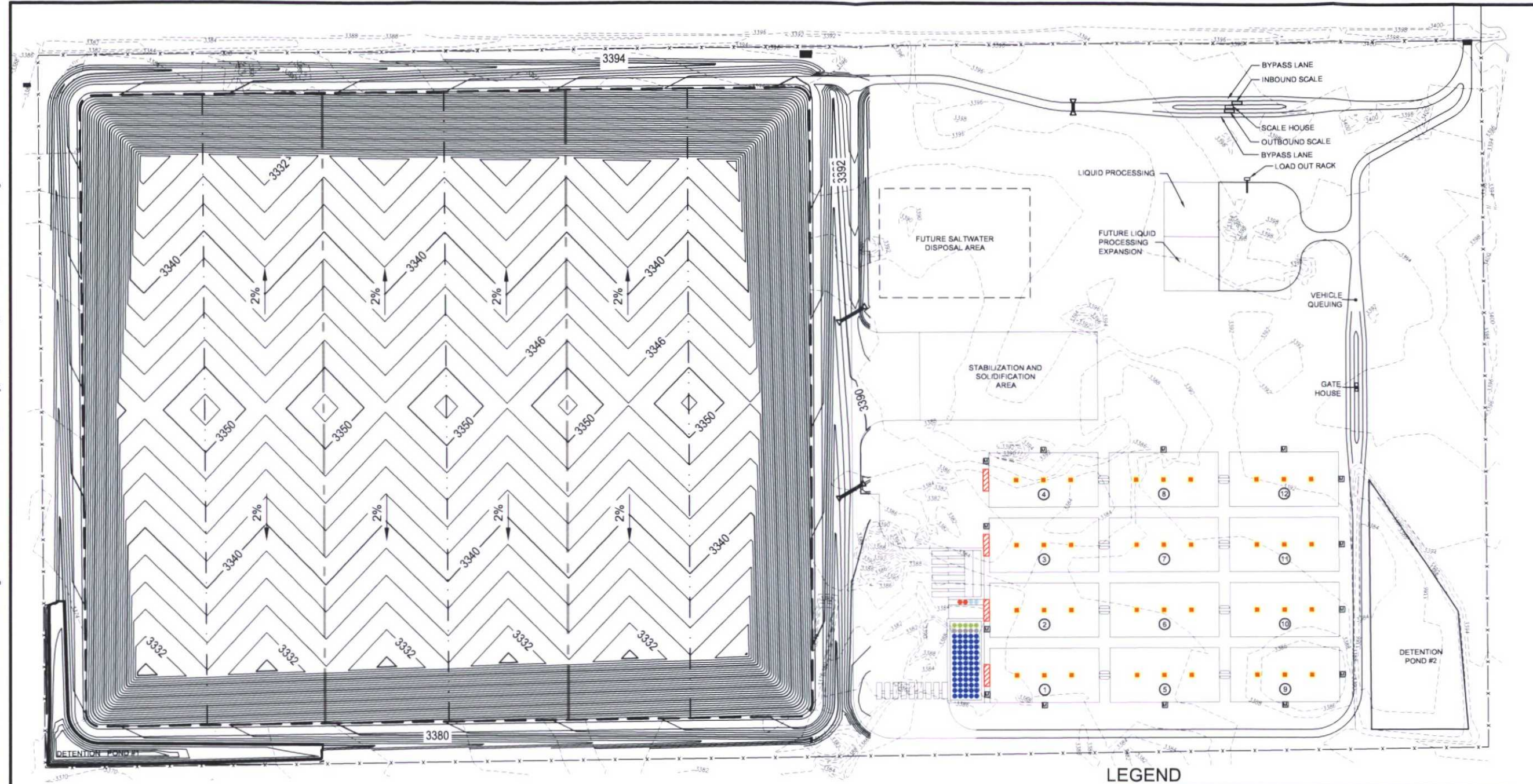
KEY PLAN

1	09/23/15	ISSUE FOR REVIEW
NO DATE	DESCRIPTION	
ISSUING OFFICE	EL PASO	PROJECT NO. 0580 15

**SITE DEVELOPMENT
PLAN**

G-005

FILE NAME: I:\Data\Projects\2015\0580_15\BIM_CAD\09_PERMIT\ATT-B\C-101 - LANDFILL BASE GRADING PLAN.dwg LAYOUT NAME: C-101 PRINTED: Friday, November 06, 2015 - 8:18am USER: TKrueger



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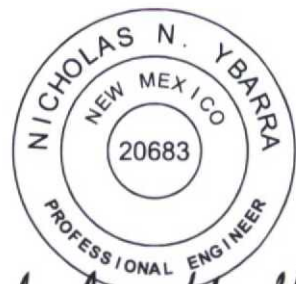
**NEW LANDFILL SITE
& PROCESSING FACILITY**

LEA COUNTY, NEW MEXICO

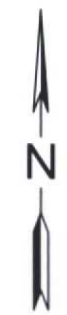
KEY PLAN

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**LANDFILL
BASE GRADING PLAN**

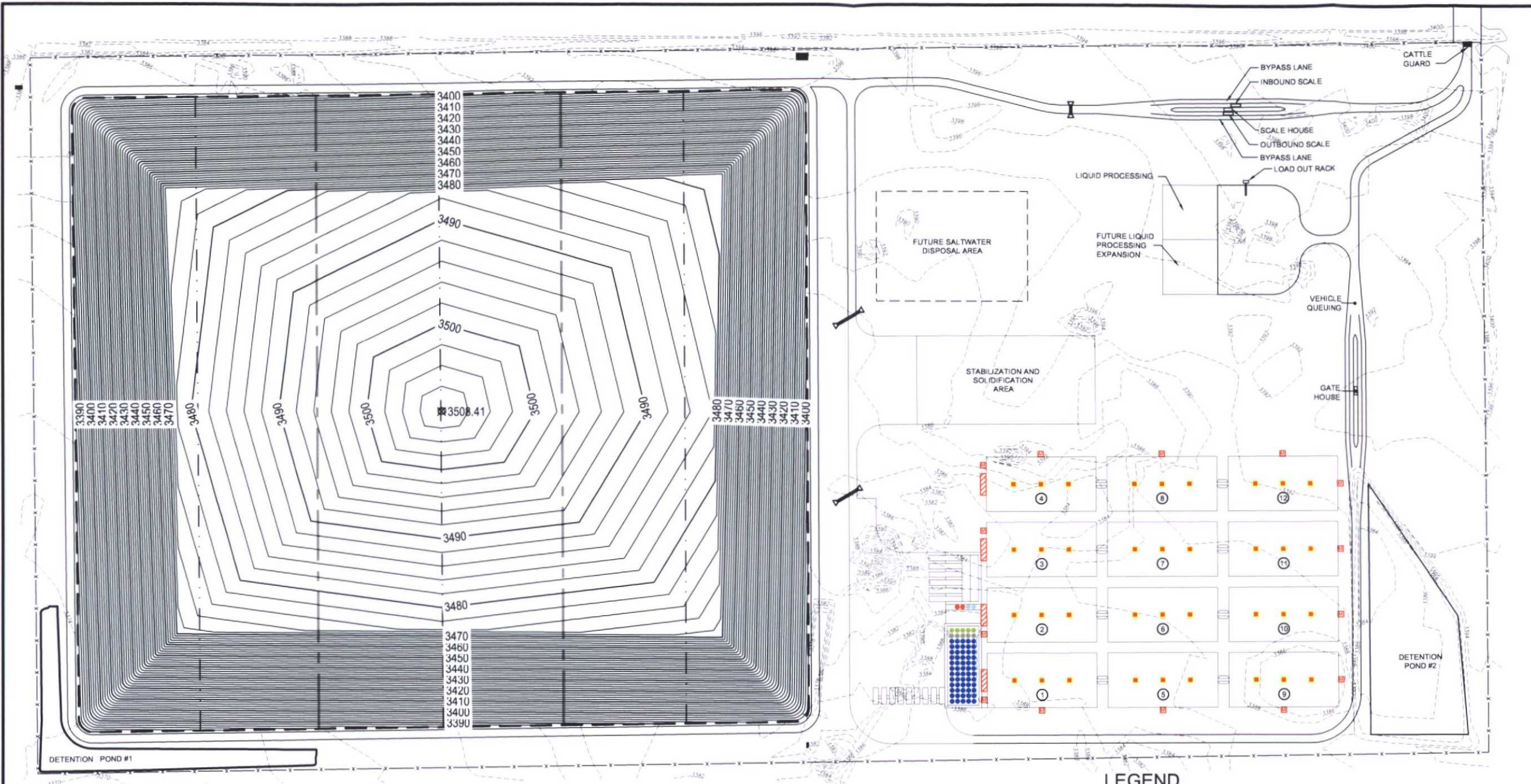


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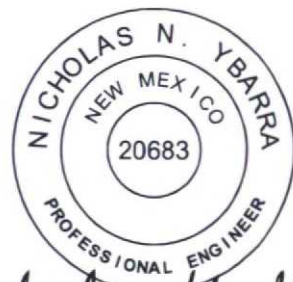
- LEGEND**
- 3392 --- EXISTING CONTOUR
 - 3340 --- 2' LINER CONTOUR
 - 2% OIL RECOVER TANK
 - - - - - FENCE/LANDFILL PROPERTY/PERMIT BOUNDARY
 - LANDFILL FOOTPRINT
 - LANDFILL PHASE LINE
 - - - - - UNIT LIMITS
 - MECHANICAL OIL/WATER SEPARATOR
 - EVAPORATOR
 - MONITORING POINTS
 - LOW WATER CROSSING
 - PRODUCED WATER SETTING TANK
 - SLOPE
 - OIL SALES TANK
 - CHEMICAL TANK
 - JET OUT WATER TANK
 - 5 EVAPORATION POND NUMBER

FILE NAME: I:\Data\Projects\2015\0580 15\BIM_CAD\09_PERMIT\ATT-BIC-102- LANDFILL FINAL GRADING PLAN.dwg LAYOUT NAME: C-102 PRINTED: Friday, November 06, 2015 - 8:18am USER: TKrueger



LEGEND

- EXISTING CONTOUR
- 3340 --- 2' LINER CONTOUR
- 2% OIL RECOVER TANK
- FENCE/LANDFILL PROPERTY/PERMIT BOUNDARY
- LANDFILL FOOTPRINT
- LANDFILL PHASE LINE
- UNIT LIMITS
- MECHANICAL OIL/WATER SEPARATOR
- EVAPORATOR
- MONITORING POINTS
- LOW WATER CROSSING
- PRODUCED WATER SETTING TANK
- SLOPE
- OIL SALES TANK
- CHEMICAL TANK
- JET OUT WATER TANK
- 5 EVAPORATION POND NUMBER



Nicholas H. Ybarra
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0 400' 800'

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LEA COUNTY, NEW MEXICO

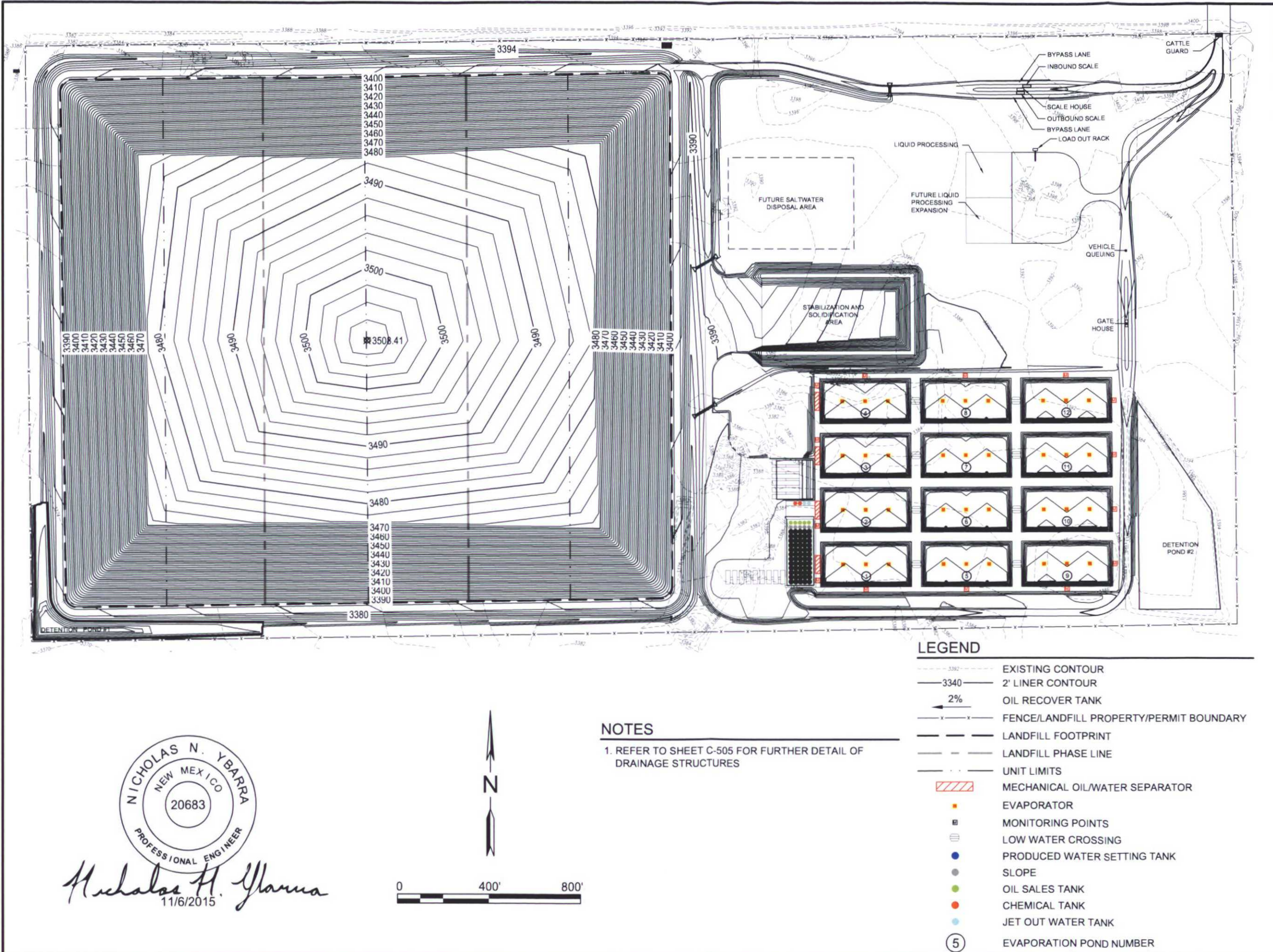
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LANDFILL
FINAL GRADING PLAN

C-102

FILE NAME: \\Data1\\Projects\\2015\\0580_15BIM_CAD\\09_PERMIT\\ATT-BIC-103 - LANDFILL COMPLETION DRAINAGE PLAN.dwg LAYOUT NAME: C-103 PRINTED: Friday, November 06, 2015 - 8:19am USER: TKueger



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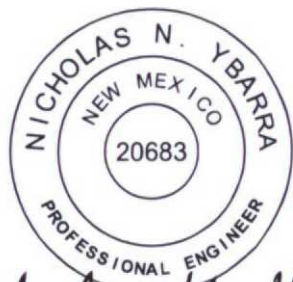
LEA COUNTY, NEW MEXICO

KEY PLAN

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ISSUING OFFICE: EL PASO PROJECT NO: 0580.15		

**LANDFILL COMPLETION
DRAINAGE PLAN**

C-103

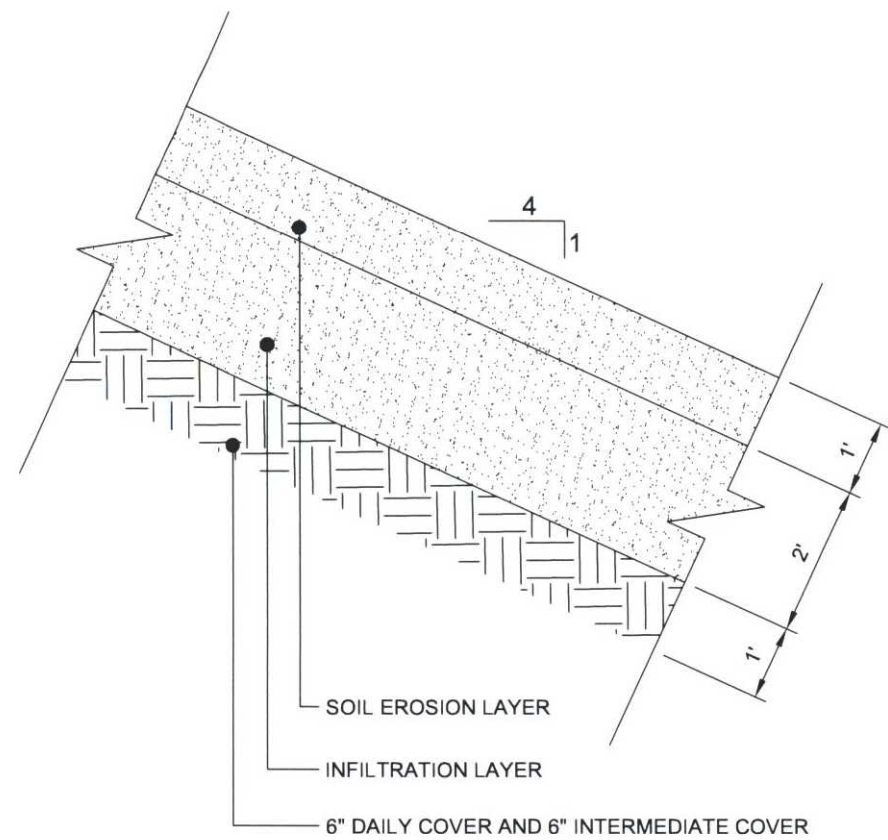


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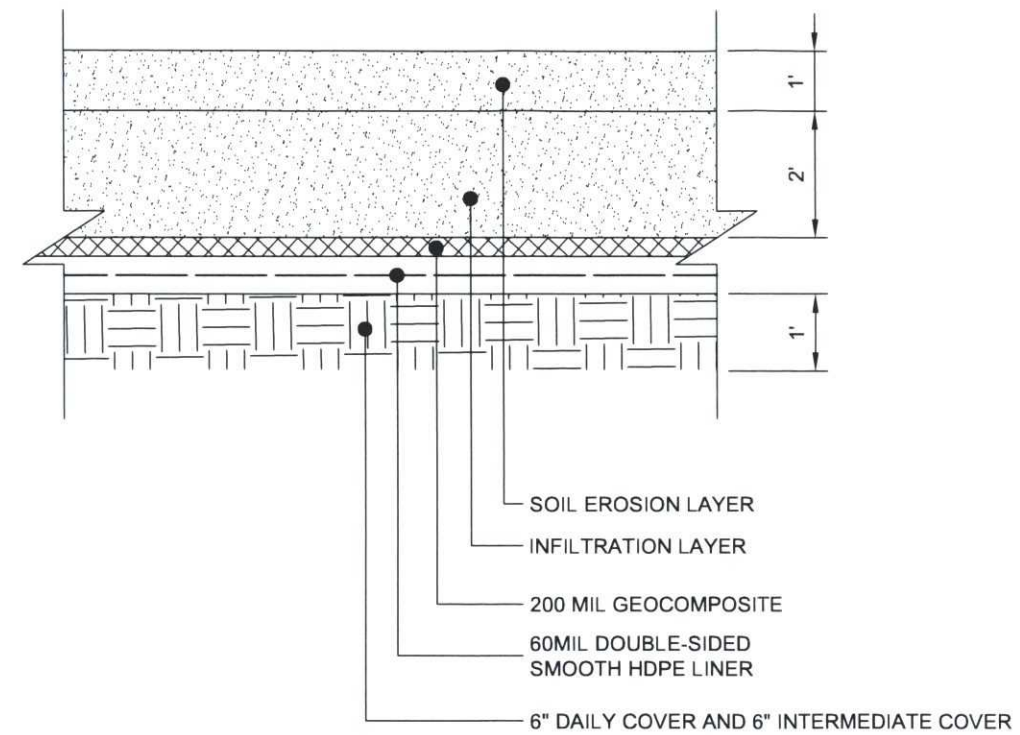


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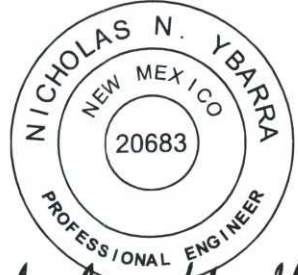
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A1 FINAL COVER DETAIL SIDE SLOPE PERFORMANCE DESIGN
NO SCALE



A2 FINAL COVER TOP CAP PERFORMANCE DESIGN
NO SCALE


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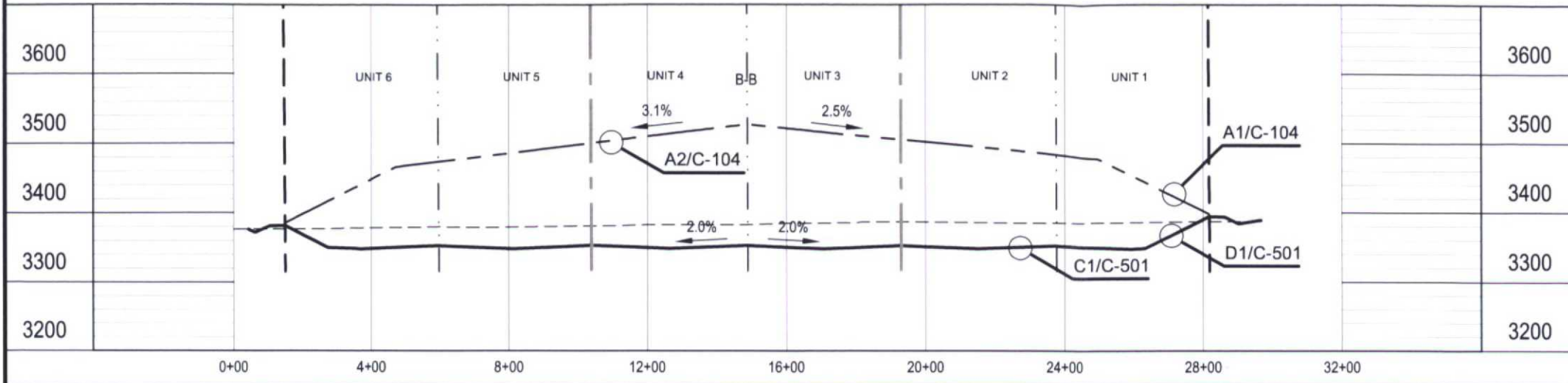
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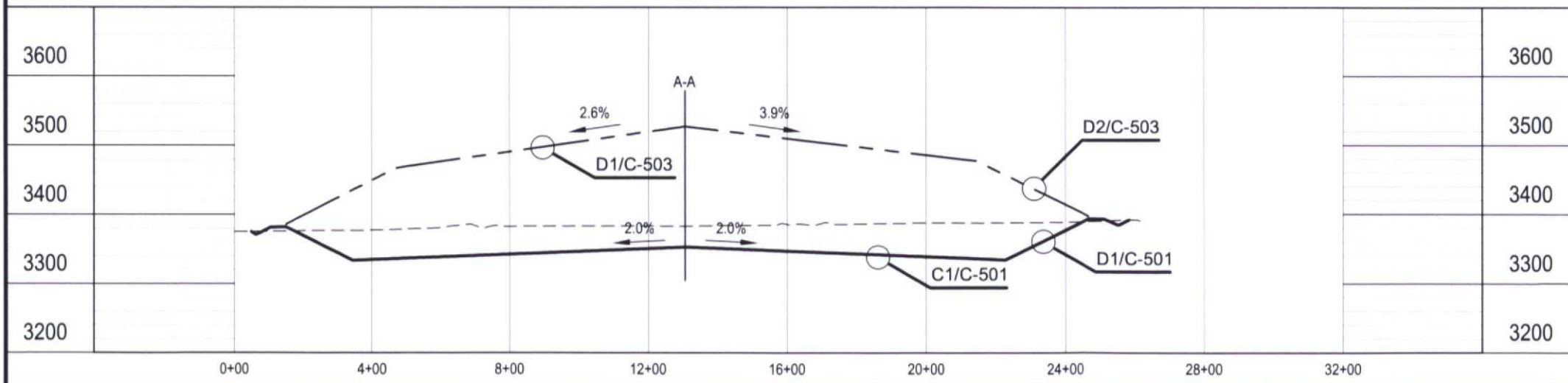
**FINAL COVER
SECTIONS**

C-104

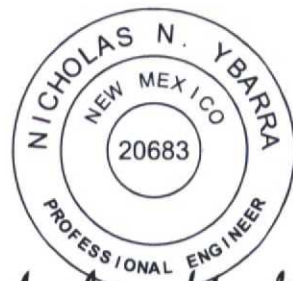
FILE NAME: \\Data1\Projects\2015\0580 15BIM_CAD\09_PERMIT\ATT-B\C-105 - LANDFILL CROSS SECTIONS.dwg LAYOUT NAME: C-105 PRINTED: Friday, November 06, 2015 - 8:19am USER: TKrueger



A SECTION A-A
SCALE: 1" = 400'



B SECTION B-B
SCALE: 1" = 400'



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11/6/2015

SCALES:



LEGEND

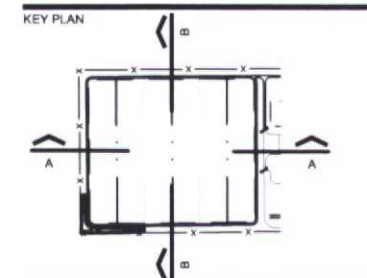
- LANDFILL PHASE BOUNDARY
- LANDFILL UNIT BOUNDARY
- EXISTING GRADE
- BASE GRADE
- FINAL GRADE

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LEA COUNTY, NEW MEXICO

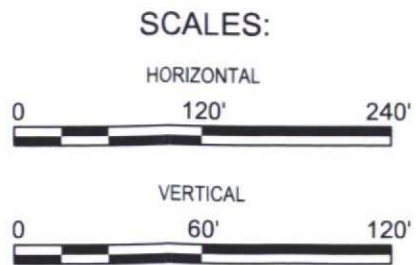
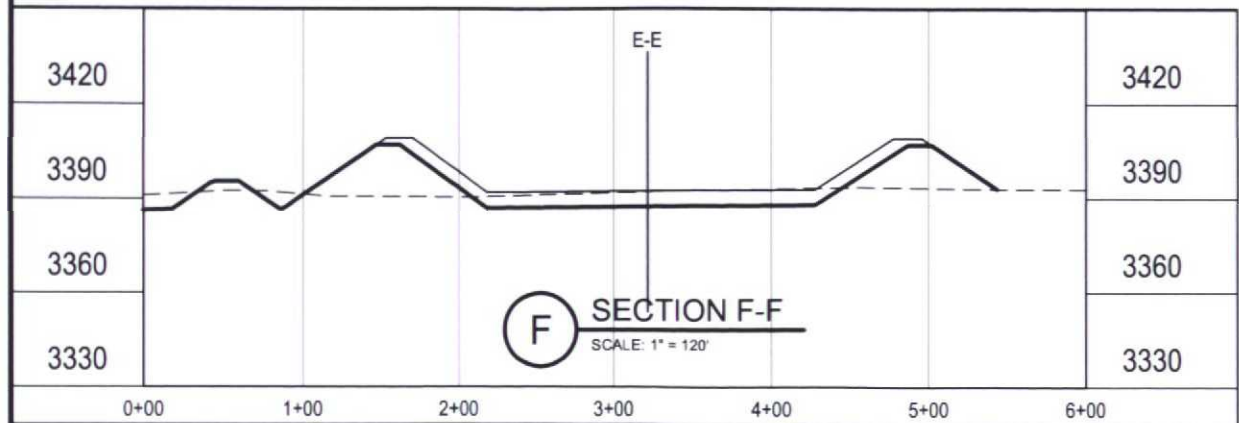
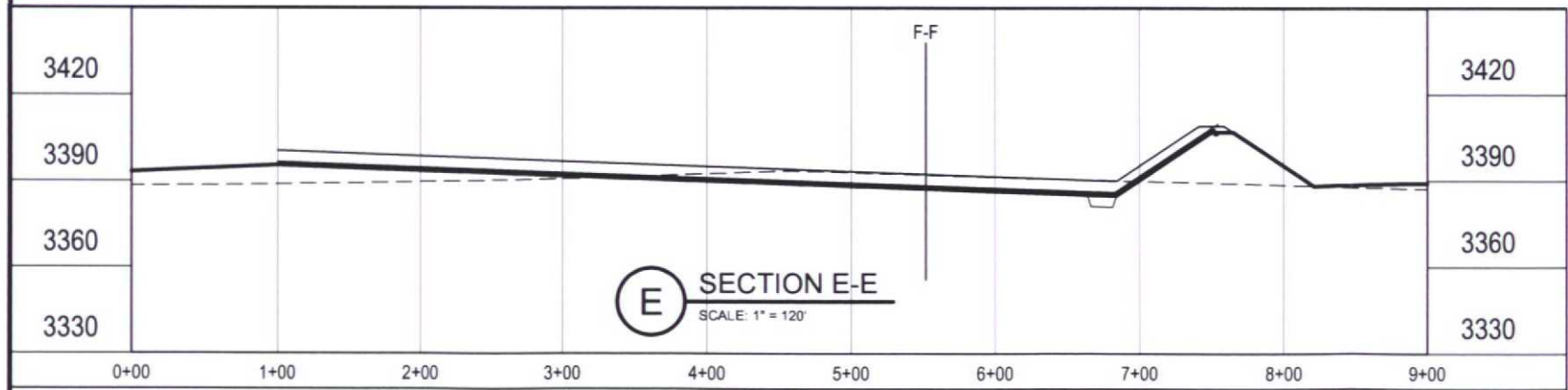
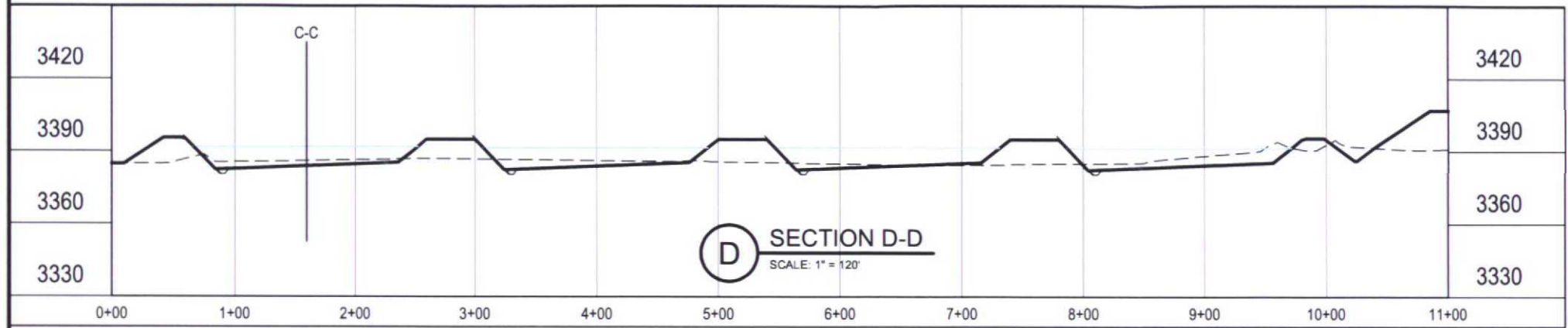
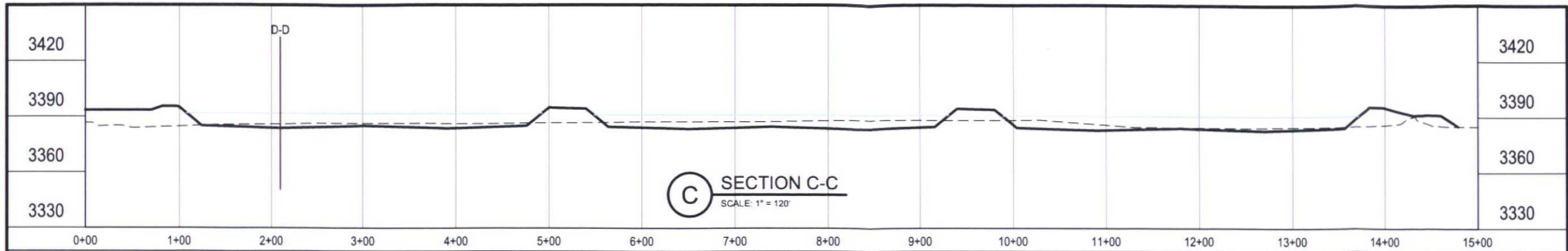


1	09/23/15	ISSUE FOR REVIEW
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**LANDFILL
CROSS SECTIONS**

C-105

FILE NAME: \\Data1\Projects\2015\0580_15\BIM_CAD\09_PERMIT\TATT-BIC-106 - EVAP-POND-SOLIDIFIC AREA CROSS SECTIONS.dwg LAYOUT NAME: C-106 PRINTED: Friday, November 06, 2015 - 8:20am USER: TKrueger



LEGEND

- LANDFILL PHASE BOUNDARY
- LANDFILL UNIT BOUNDARY
- LIMIT OF WASTE
- EXISTING GRADE
- BASE GRADE
- WATER SURFACE LEVEL

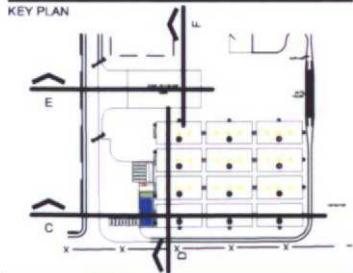
NICHOLAS N. YBARRA
NEW MEXICO
20683
PROFESSIONAL ENGINEER
Nicholas H. Ybarra
11/6/2015

C. K. DISPOSAL
E & P LANDFILL &
PROCESSING
FACILITY

NMED PERMIT NO. _____

NEW LANDFILL SITE
& PROCESSING FACILITY

LEA COUNTY, NEW MEXICO

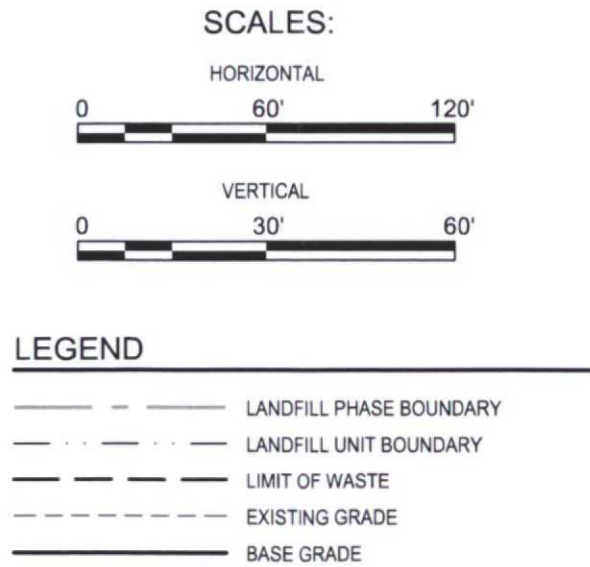
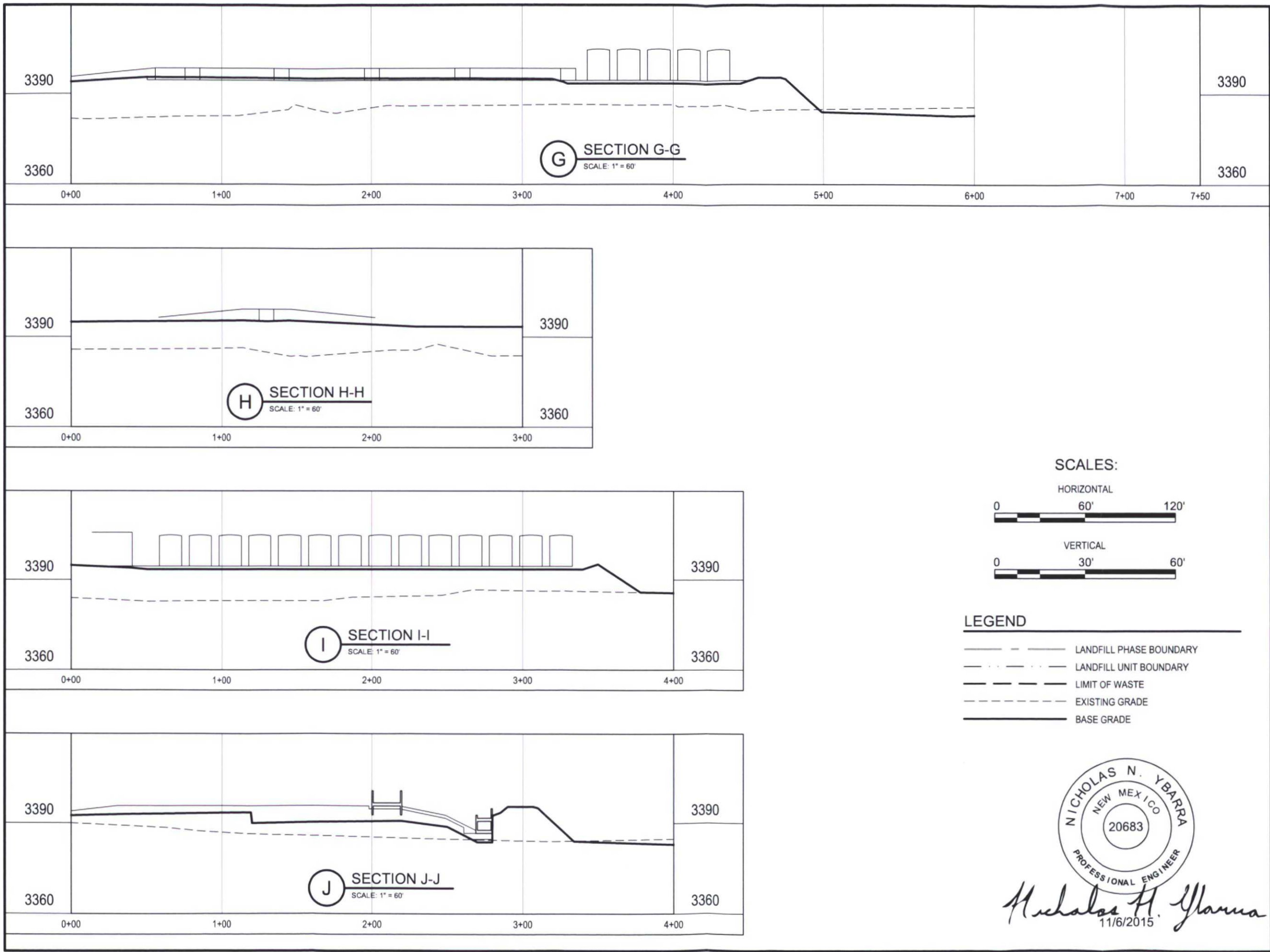


1	09/23/15	ISSUE FOR REVIEW
NO	DATE	DESCRIPTION
ISSUING OFFICE: EL PASO		PROJECT NO: 0580.15

EVAPORATION POND AND
STABILIZATION/
SOLIDIFICATION AREA
CROSS SECTIONS

C-106

FILE NAME: \\Data1\Projects\2015\0580_15BIM_CAD\09_PERMIT\ATT-BIC-107 - PROCESSING AREA LAYOUT CROSS SECTIONS.dwg LAYOUT NAME: C-107 PRINTED: Friday, November 06, 2015 - 8:20am USER: TKrueger



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FACILITY**

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& PROCESSING FACILITY**

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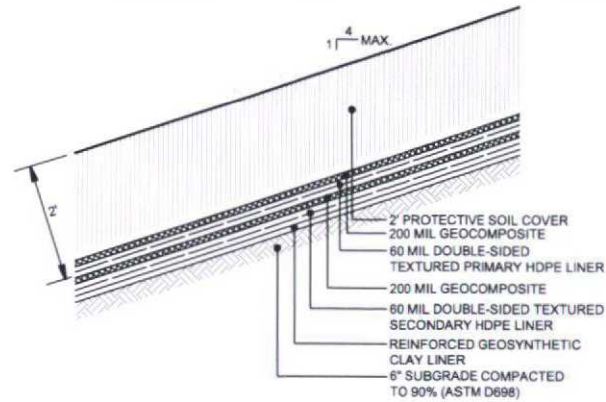
KEY PLAN

1 09/23/15 ISSUE FOR REVIEW
NO. DATE DESCRIPTION
ISSUING OFFICE: EL PASO PROJECT NO: 0580 15

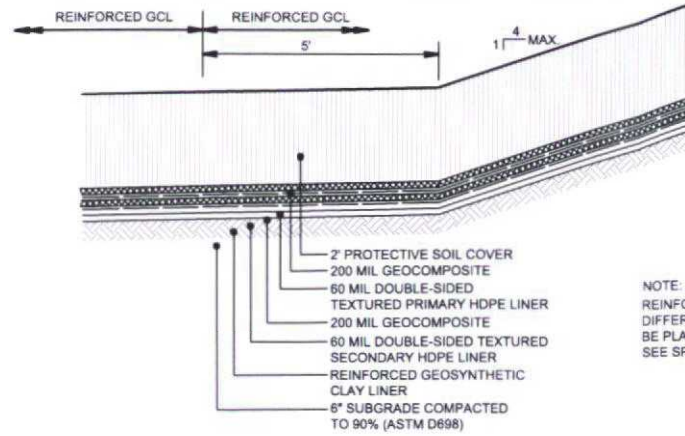
**PROCESSING AREA LAYOUT
CROSS SECTIONS**

C-107

FILE NAME: \\Data1\Projects\2015\0580 15BIM_CAD\09 PERMIT\ATT-BIC-501 - LINER & LEACHATE COLL DETAILS.dwg LAYOUT NAME: C-501 PRINTED: Friday, November 06, 2015 - 8:20am USER: TKrueger



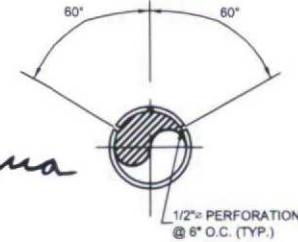
D1 TYPICAL SIDE SLOPE LINER DETAIL
1/2"=1'-0"



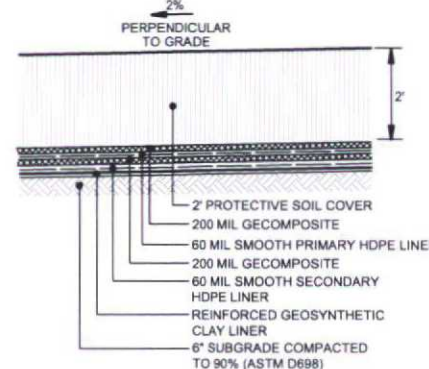
D2 LINER TRANSITION
1/2"=1'-0"



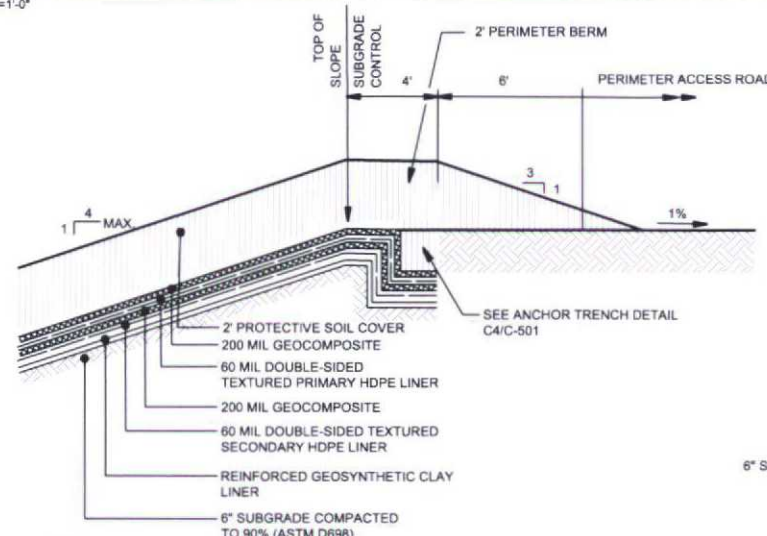
Nicholas H. Ybarra
11/6/2015



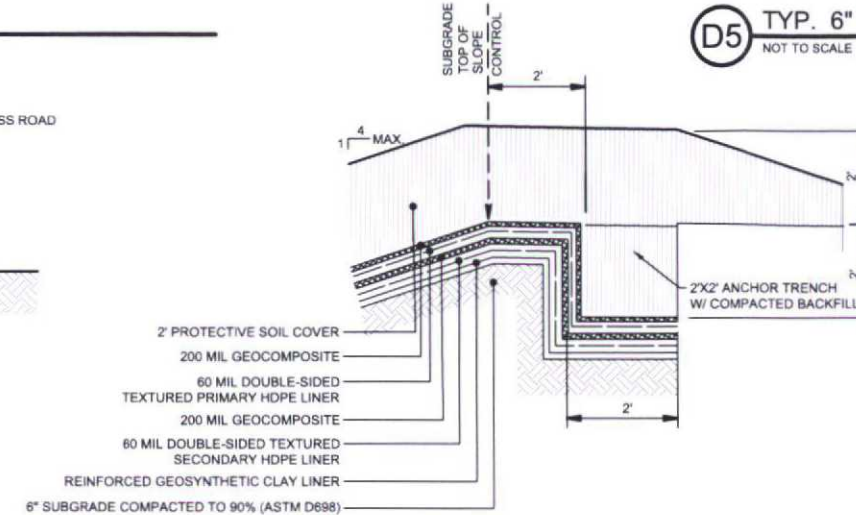
D5 TYP. 6" PERFORATED
NOT TO SCALE LEACHATE COLLECTION PIPE



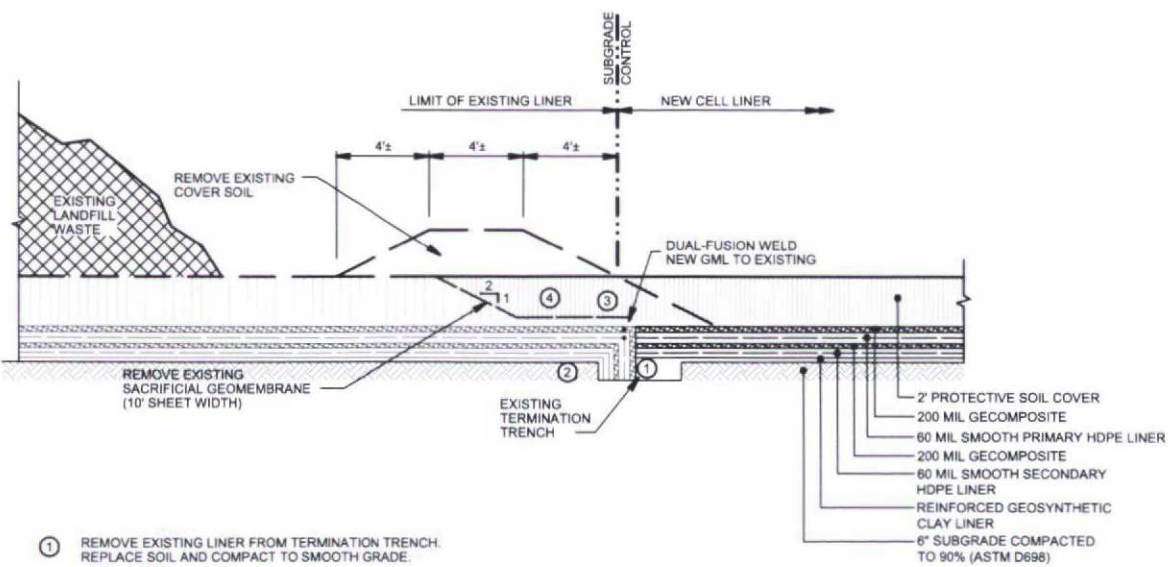
C1 TYPICAL BOTTOM LINER DETAIL
1/2"=1'-0"



C2 TYPICAL ANCHOR TRENCH AT PERIMETER
1"=5'-0"

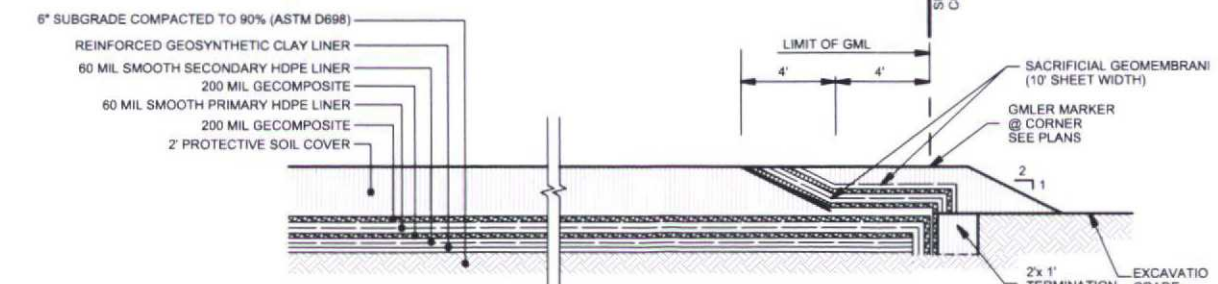


C4 ANCHOR TRENCH DETAIL
1/2"=1'-0"

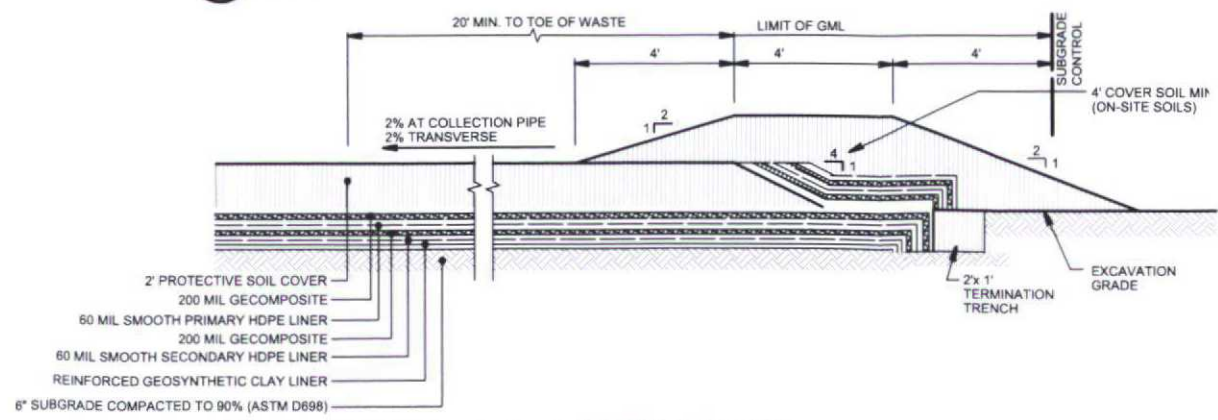


- 1 REMOVE EXISTING LINER FROM TERMINATION TRENCH. REPLACE SOIL AND COMPACT TO SMOOTH GRADE.
- 2 RAISE EXISTING GML AND OVERLAP NEW GCL 12-INCHES OVER EXISTING GCL. ADD GRANULAR BENTONITE AT SPECIFIED RATE.
- 3 CLEAN EXISTING GML AND DUAL FUSION WELD NEW GML TO EXISTING GML.
- 4 OVERLAP NEW GEONET/GEOTEXTILE DRAINAGE COMPOSITE 12-INCHES OVER EXISTING GEONET/GEOTEXTILE DRAINING COMPOSITE.

A1 LINER WELD TO EXISTING LINER
1/4"=1'-0"



B4 LINER TERMINATION - LANDFILL SIDESLOPE
1/4"=1'-0"



A4 LINER TERMINATION - LANDFILL BOTTOM
1/4"=1'-0"

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& PROCESSING FACILITY

LEA COUNTY, NEW MEXICO

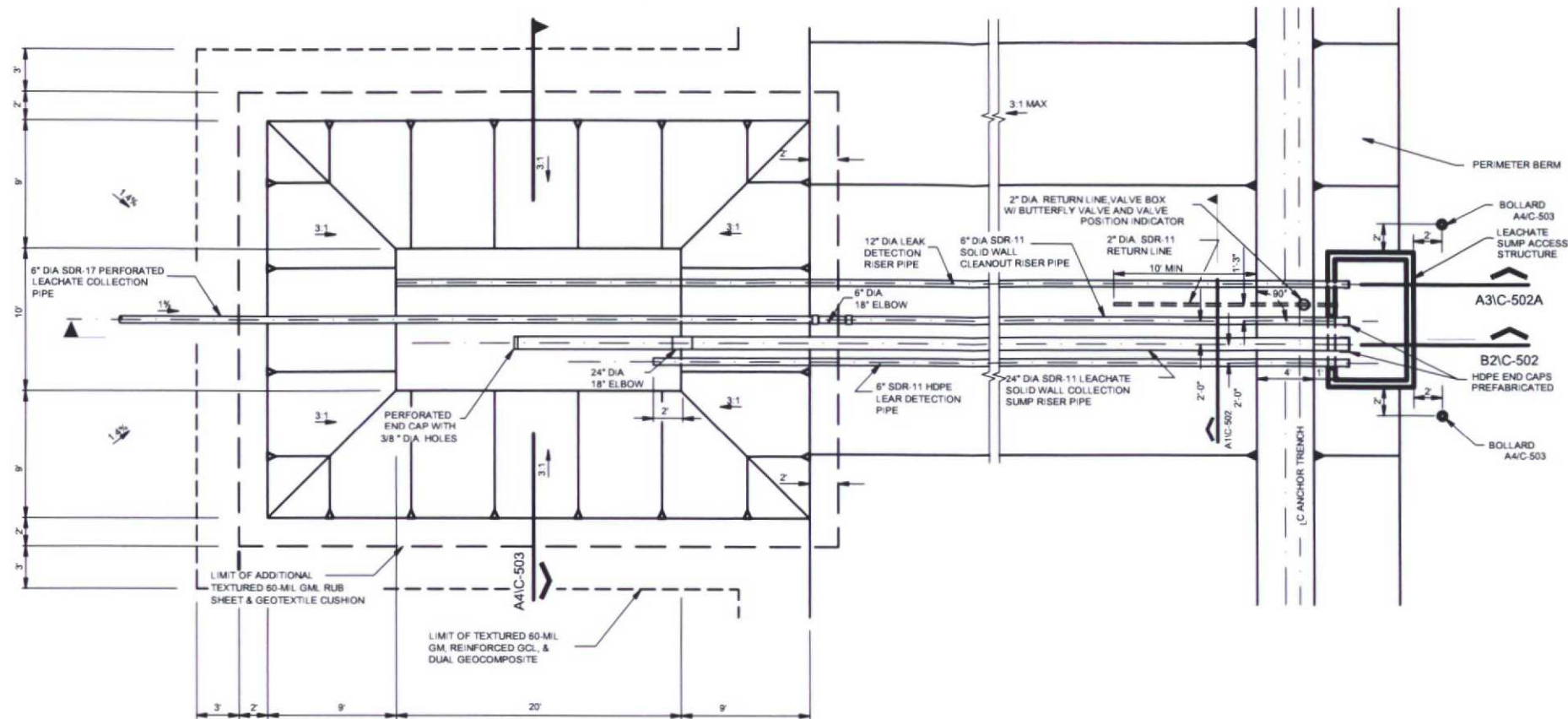
KEY PLAN

1	09/23/15	ISSUE FOR REVIEW
NO	DATE	DESCRIPTION

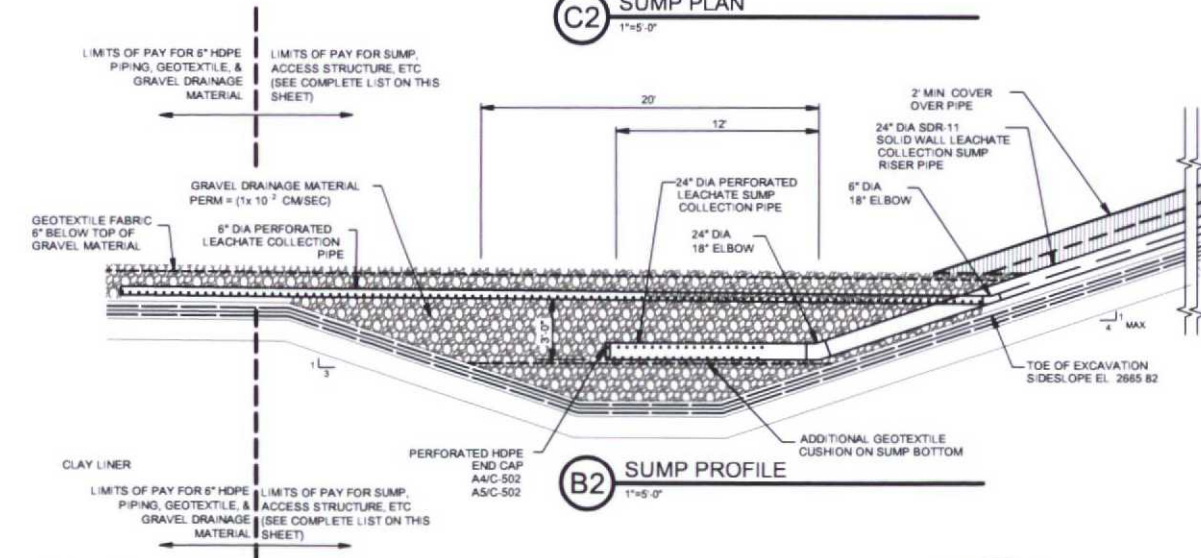
ISSUING OFFICE: EL PASO PROJECT NO. 0580 15

LINER
& LEACHATE COLLECTION
DETAILS

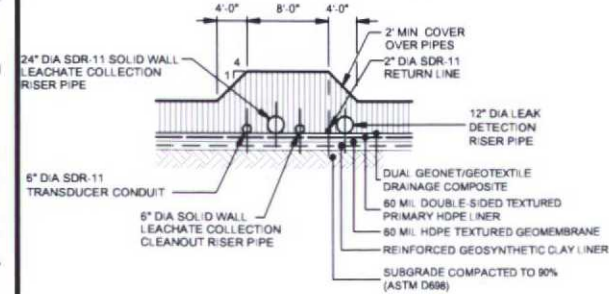
FILE NAME: \\Data1\Projects\20150580.15\BIM_CAD\09_PERMIT\ATT-BIC-502 - LEACHATE SUMP PLAN & PROFILE DETAILS.dwg LAYOUT NAME: C-502 PRINTED: Friday, November 06, 2015 - 8:20am USER: TKrueger



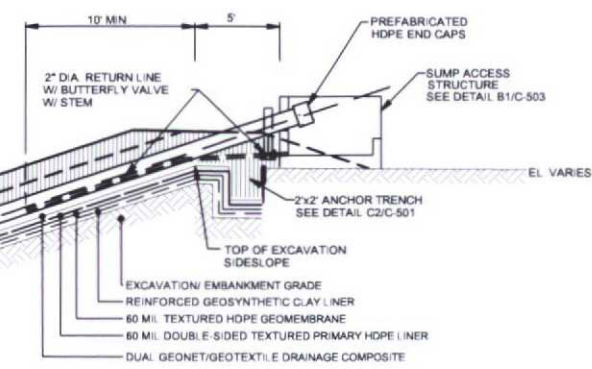
C2 SUMP PLAN
1\"/>



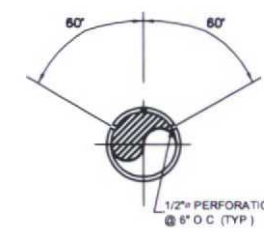
B2 SUMP PROFILE
1\"/>



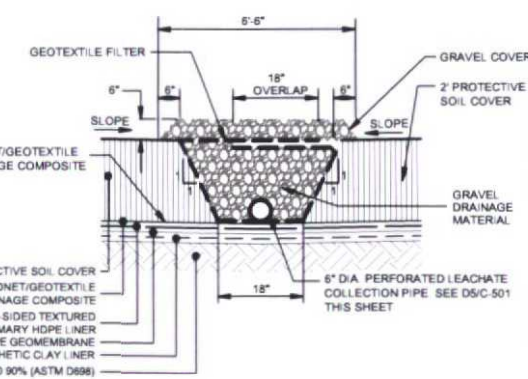
A1 LEACHATE RISER SECTION
NOT TO SCALE



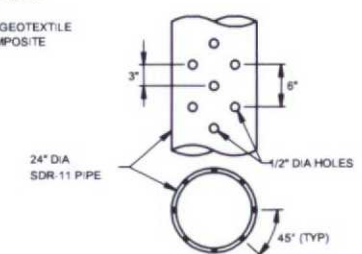
A4 LEACHATE COLLECTION SUMP
NOT TO SCALE



C5 TYP. 6\"/>



B5 LEACHATE COLLECTION PIPE
1\"/>



A5 END CAP
NOT TO SCALE



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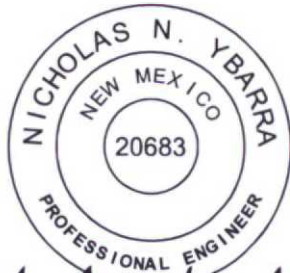
LEA COUNTY, NEW MEXICO

KEY PLAN

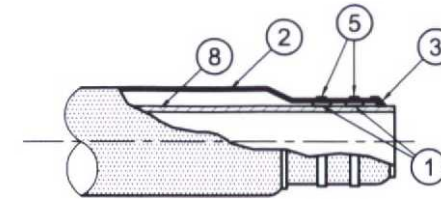
1	09/23/15 ISSUE FOR REVIEW
NO	DATE DESCRIPTION
ISSUING OFFICE: EL PASO PROJECT NO: 0580.15	

LEACHATE SUMP
PLAN & PROFILE
DETAILS

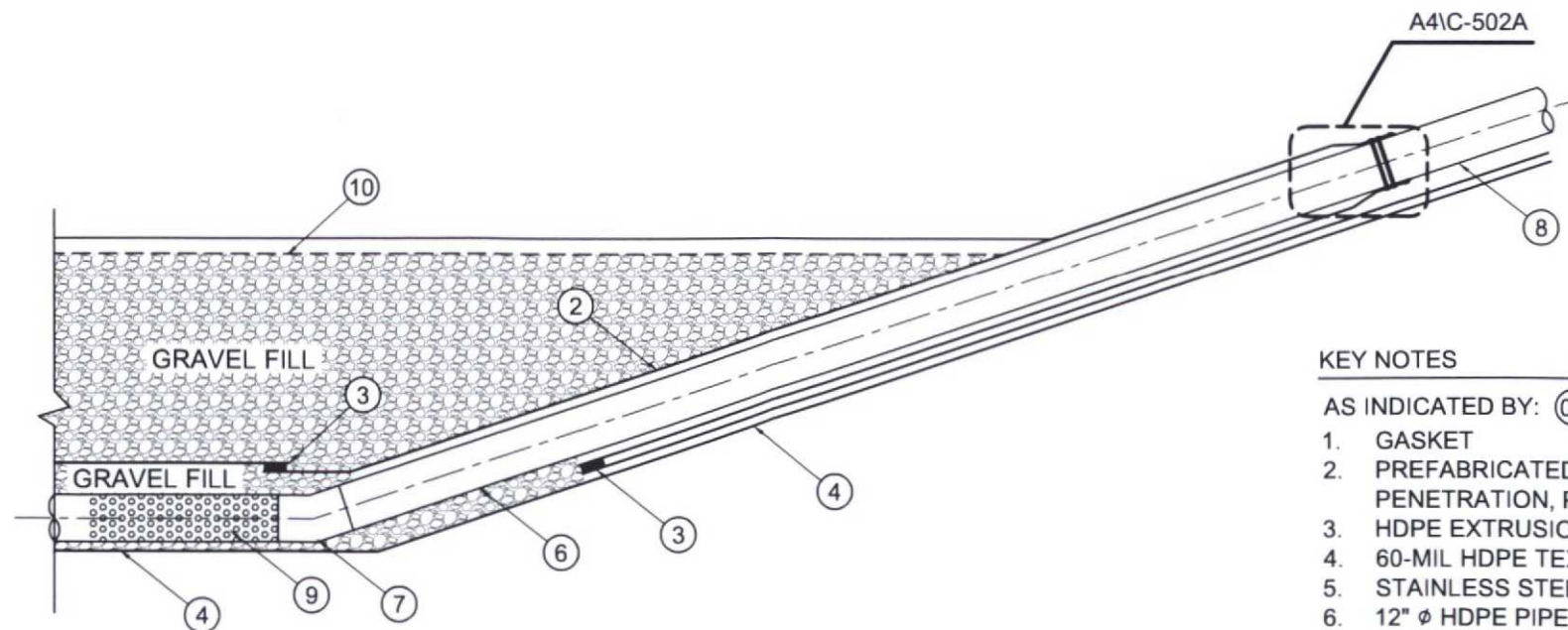
FILE NAME: \\Data1\\Projects\\20150580.15\\BIM_CAD\\09_PERMIT\\ATT-BIC-502A - LEAK DETECTION PROFILE DETAILS.dwg LAYOUT NAME: C-502A PRINTED: Friday, November 06, 2015 - 8:21am USER: TKrueger



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11/6/2015



C5 SECTION
1-1/2" = 1'-0" PIPE PENETRATION SEAL



A3 SECTION
1/2" = 1'-0" LEAK DETECTION LINER PENETRATION

KEY NOTES

AS INDICATED BY: 00

1. GASKET
2. PREFABRICATED 60-MIL HDPE PIPE BOOT PENETRATION, PRIMARY
3. HDPE EXTRUSION WELDS
4. 60-MIL HDPE TEXTURED LINER, SECONDARY
5. STAINLESS STEEL BANDING
6. 12" Ø HDPE PIPE
7. FABRICATED ELBOW
8. 12" DETECTOR RISER
9. PERFORATED HDPE PIPE
10. GEOTEXTILE

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LEA COUNTY, NEW MEXICO

KEY PLAN

1	09/23/15	ISSUE FOR REVIEW
NO	DATE	DESCRIPTION
ISSUING OFFICE: EL PASO		PROJECT NO. 0580.15

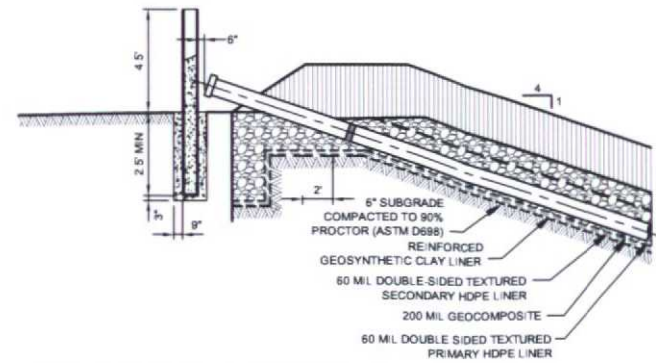
**LEAK DETECTION
PROFILE DETAILS**

C-502A

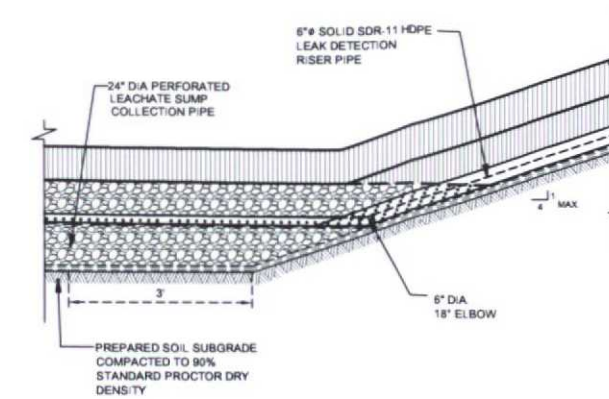
FILE NAME: \\Data1\Projects\2015\0580_15BIM_CAD\09_PERMIT\ATT-BIC-503 - POND LEACHATE COLLECTION SYSTEM DETAILS.dwg LAYOUT NAME: C-503 PRINTED: Friday, November 06, 2015 - 8:21am USER: TKrueger



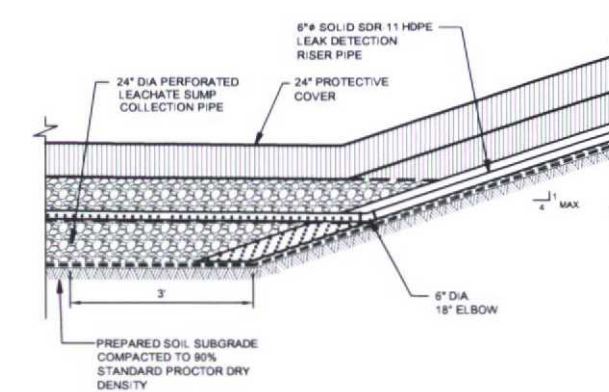
Nicholas H. Ybarra
11/6/2015



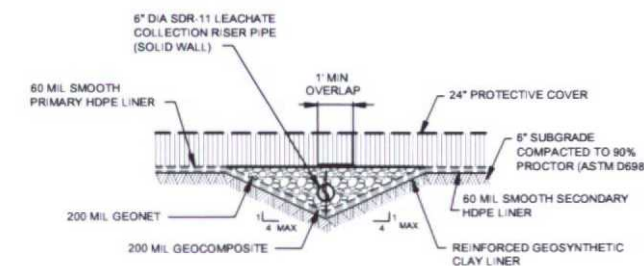
D3 RISER PIPE TERMINATION
NO SCALE



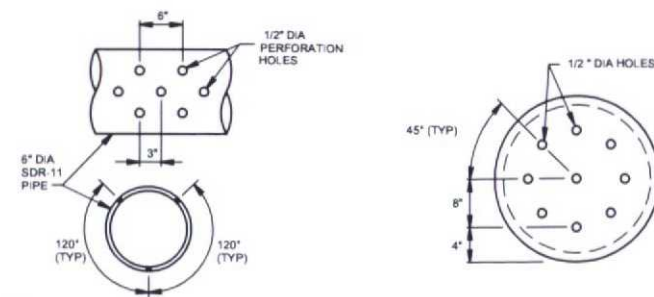
D4 LEACHATE EXTRACTION RISER PIPE
NO SCALE



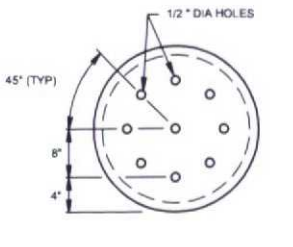
C4 LEAK DETECTION RISER PIPE
NO SCALE



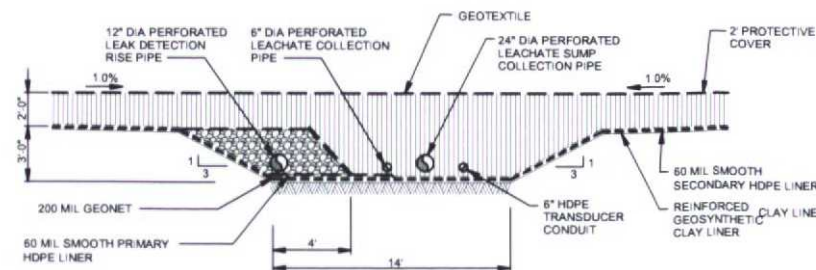
B4 LEAK DETECTION SUMP RISER PIPE CROSS SECTION A-A
NOT TO SCALE



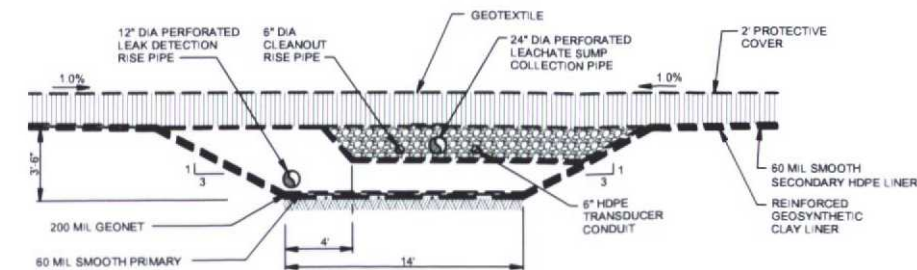
A1 LEACHATE COLLECTION SUMP
NOT TO SCALE PERFORATION DETAIL



A2 END CAP
NOT TO SCALE PERFORATION DETAIL



A3 LEACHATE SUMP SECTION
1"=5'-0"



A4 LEACHATE SUMP SECTION
1"=5'-0"

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& PROCESSING FACILITY

LEA COUNTY, NEW MEXICO

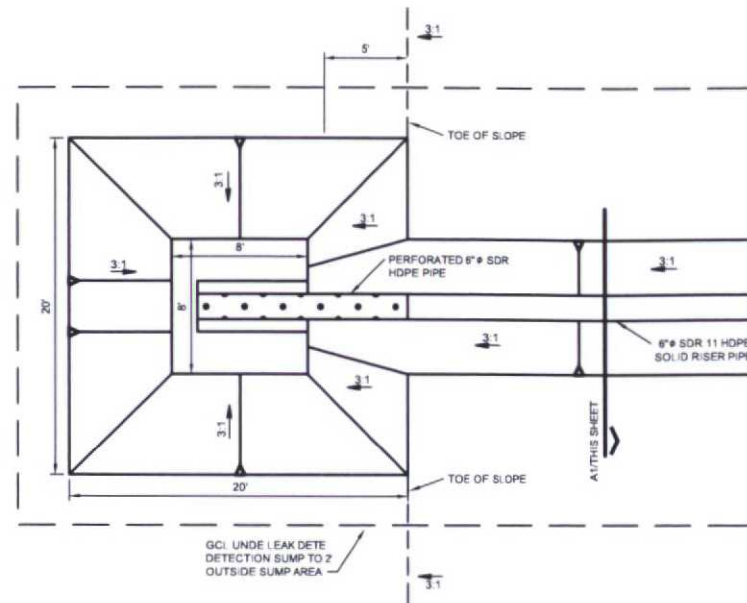
KEY PLAN

1	09/23/15	ISSUE FOR REVIEW
NO	DATE	DESCRIPTION
ISSUING OFFICE:	EL PASO	PROJECT NO. 0580 15

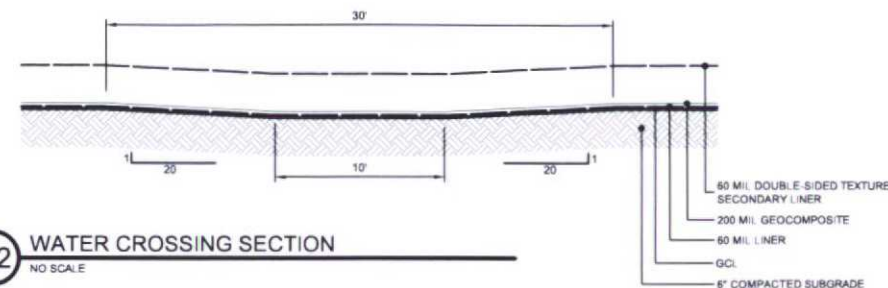
LEACHATE SUMP
PLAN & PROFILE
DETAILS

C-503

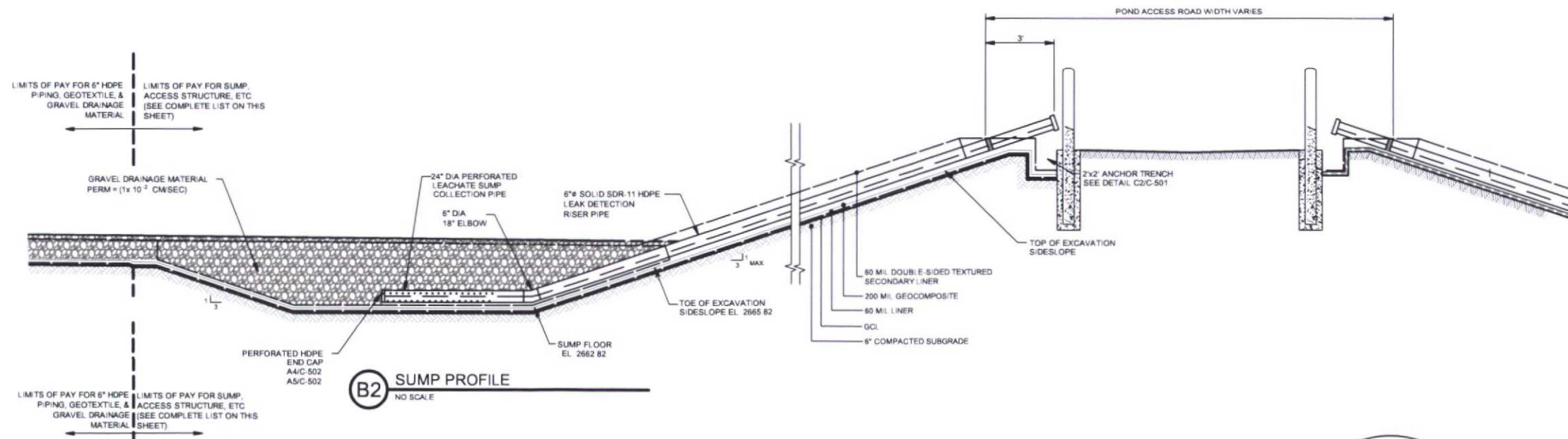
FILE NAME: \\Data1\Projects\2015\0580_15\BIM_CAD\09_PERMIT\ATT-8\IC-504 - EVAPORATION POND DETAILS.dwg LAYOUT NAME: C-504 PRINTED: Friday, November 06, 2015 - 8:21am USER: Tkrueger



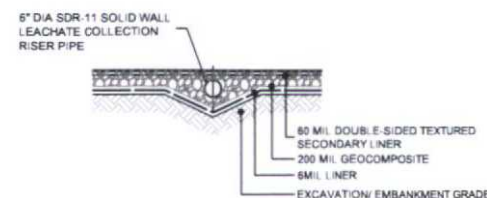
C1 SUMP PLAN
NO SCALE



C2 WATER CROSSING SECTION
NO SCALE



B2 SUMP PROFILE
NO SCALE



A1 LEAK DETECTION SUMP RISER PIPE CROSS SECTION A-A
NOT TO SCALE



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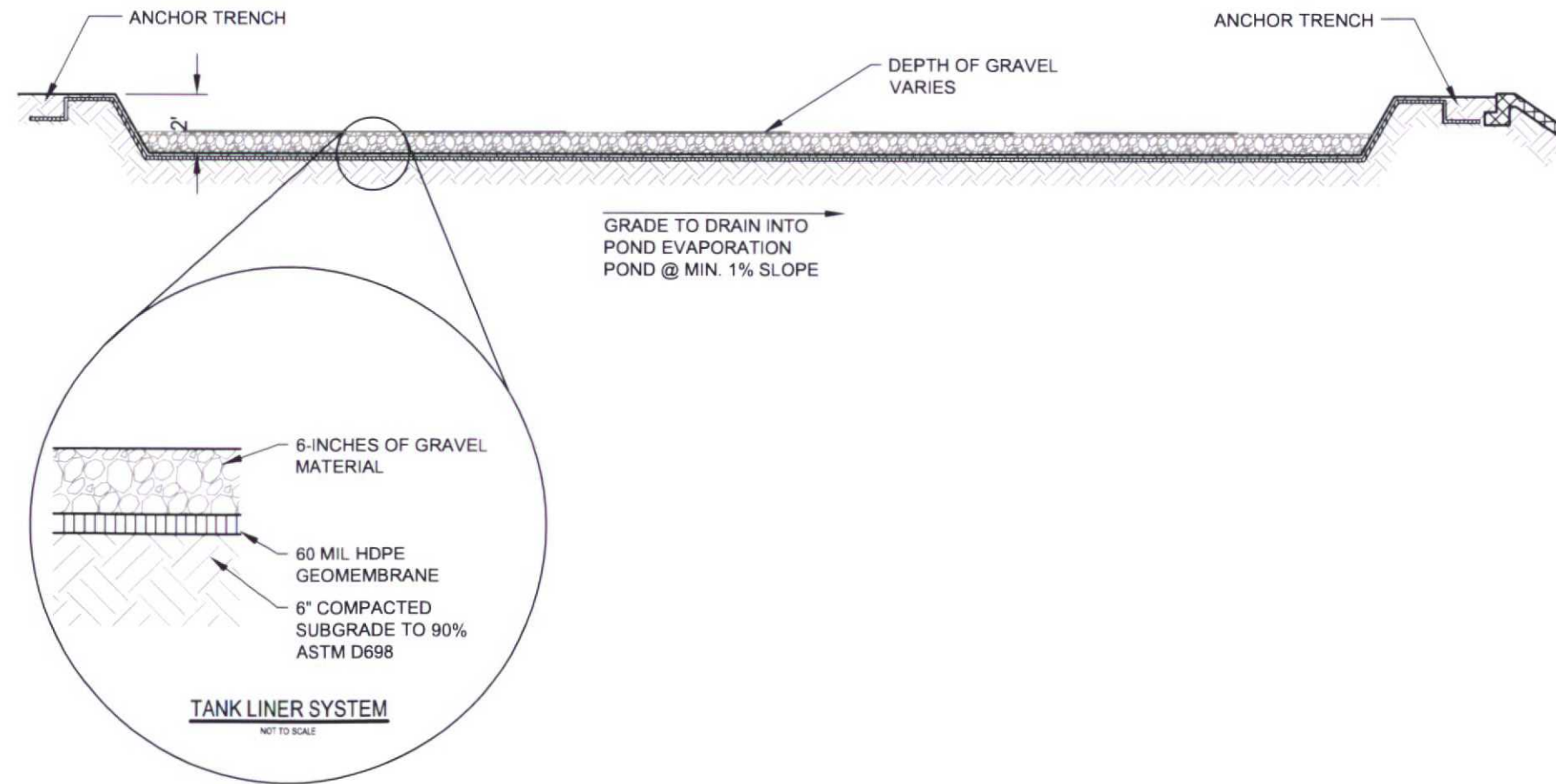
KEY PLAN

1	09/23/15	ISSUE FOR REVIEW
NO.	DATE	DESCRIPTION
ISSUING OFFICE: EL PASO		PROJECT NO: 0580.15

EVAPORATION POND
DETAILS

C-504

FILE NAME: \\Data1\Projects\2015\0580.15\BIM_CAD\09_PERMIT\TATT-BIC-505 - TYPICAL RECEIVING TANK INSTALLATION DETAILS.dwg LAYOUT NAME: C-505 PRINTED: Friday, November 06, 2015 - 8:21am USER: TKrueger



A1 ELEVATION SECTION
NO SCALE



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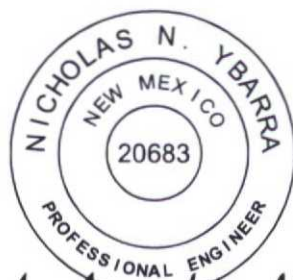
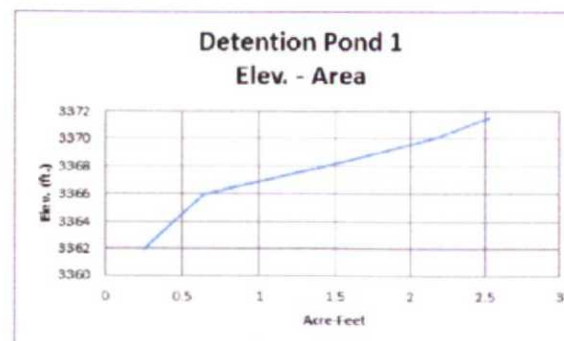
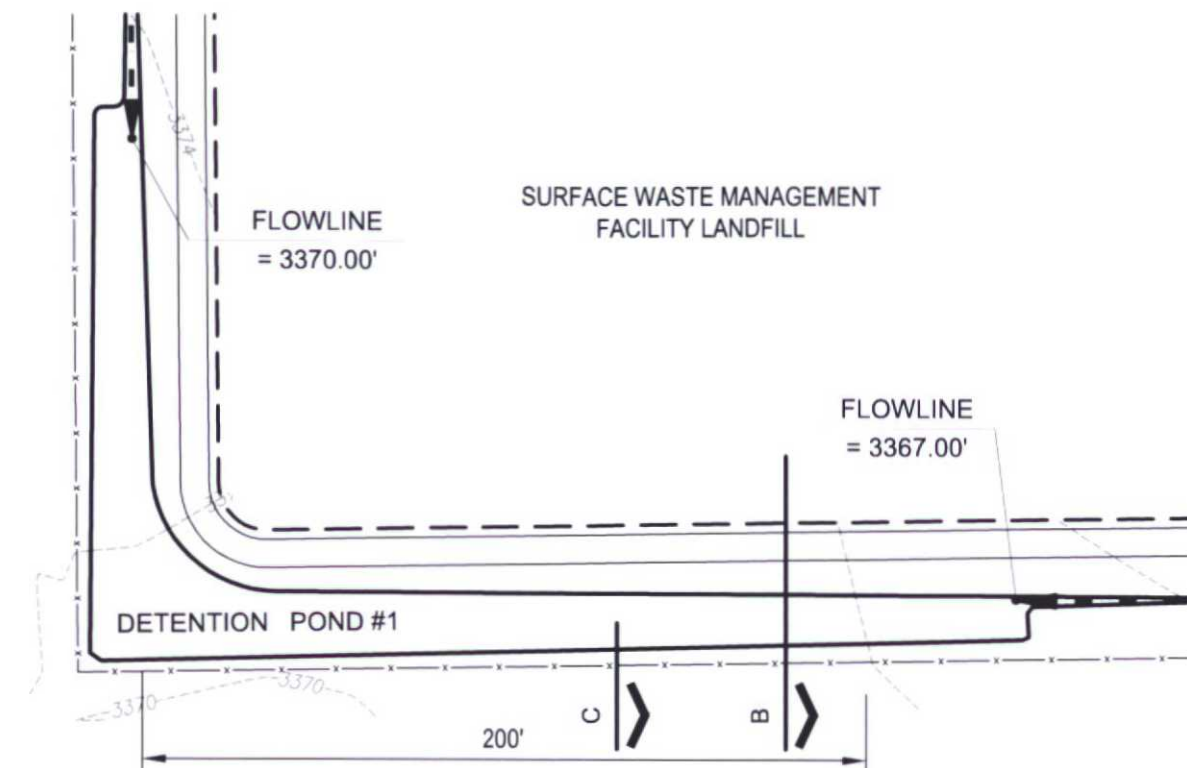
KEY PLAN

1	09/23/15	ISSUE FOR REVIEW
NO	DATE	DESCRIPTION
ISSUING OFFICE: EL PASO		PROJECT NO: 0580.15

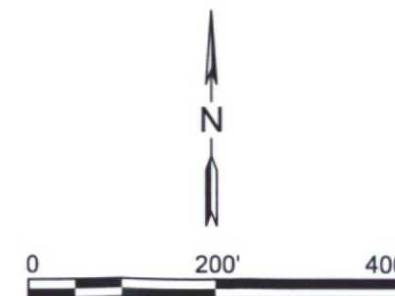
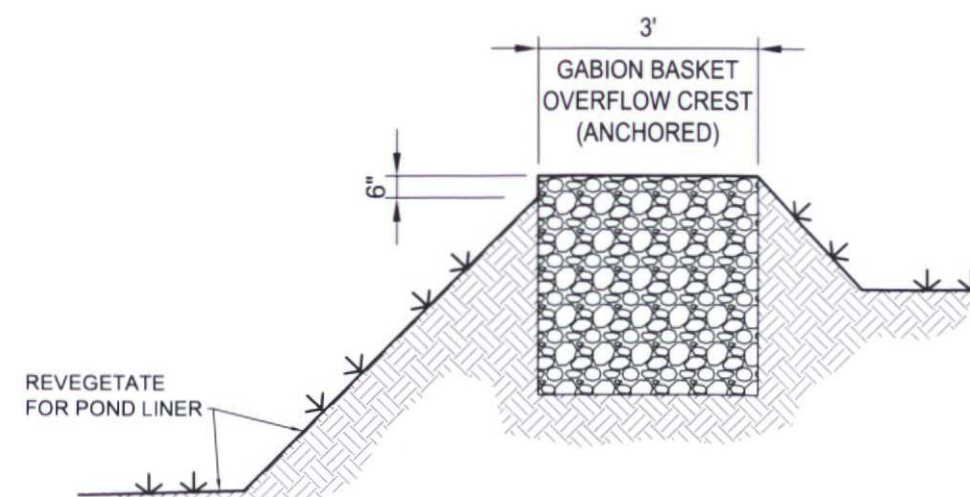
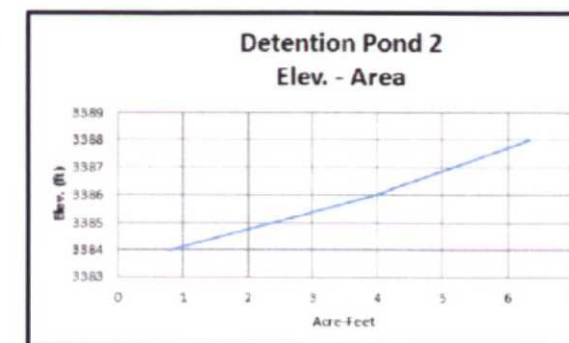
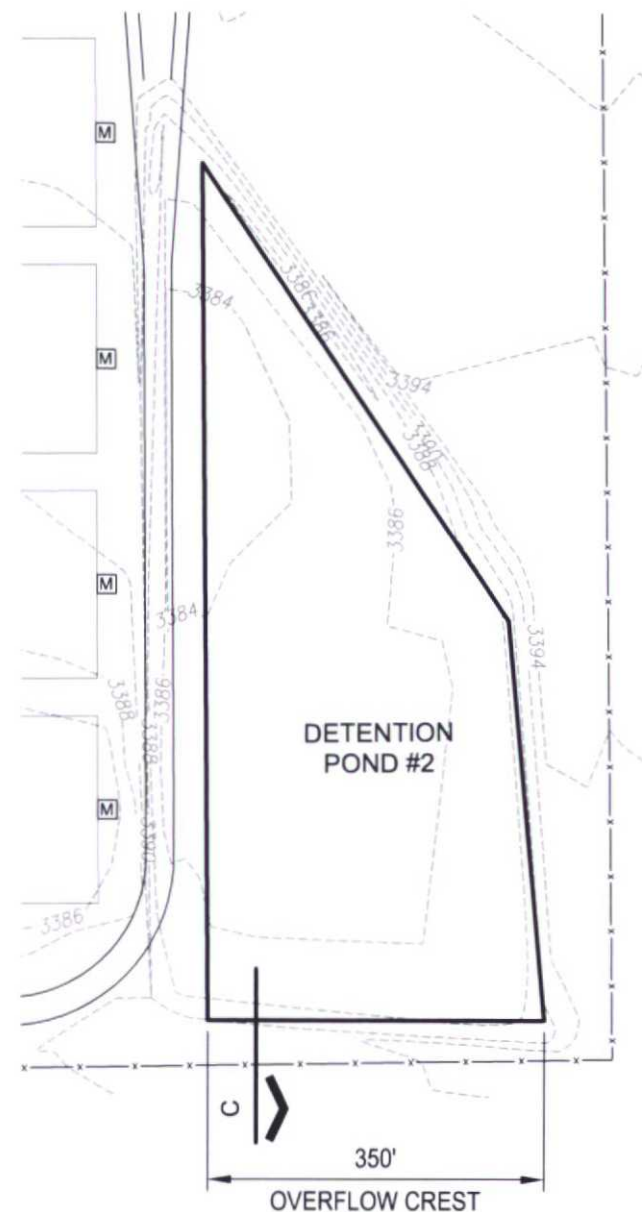
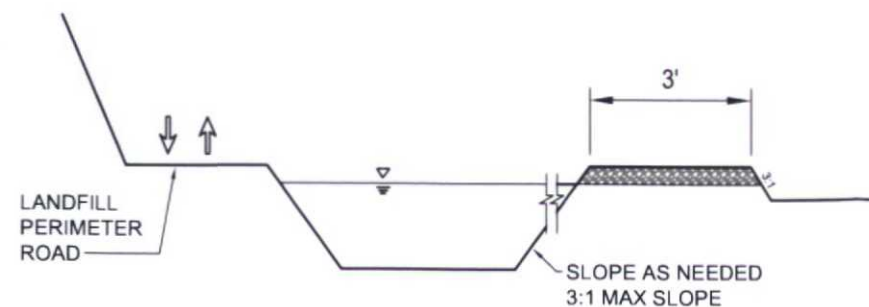
**TYPICAL
RECEIVING TANK
LINER CONTAINMENT
DETAILS**

C-505

FILE NAME: \\Data1\Projects\2015\0580_15\BIM_CAD\09_PERMIT\ATT-BIC-506 - DETENTION POND & DETAILS.dwg LAYOUT NAME: C-506 PRINTED: Friday, November 06, 2015 - 8:22am USER: TKrueger



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& PROCESSING FACILITY**

LEA COUNTY, NEW MEXICO

KEY PLAN

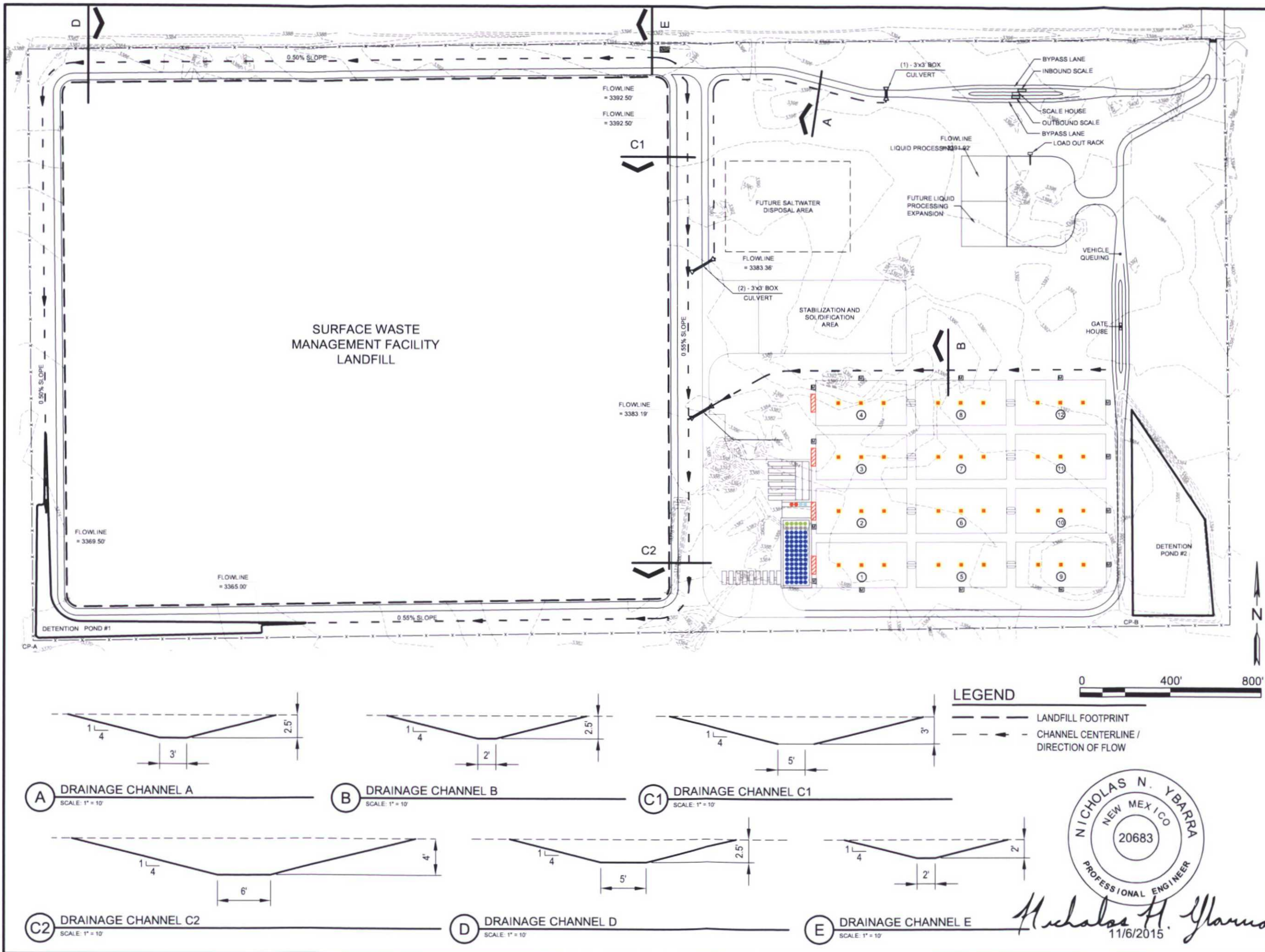
NO.	DATE	DESCRIPTION
1	09/23/15	ISSUE FOR REVIEW

ISSUING OFFICE: EL PASO PROJECT NO: 0580_15

**DETENTION POND
& DETAILS**

C-506

FILE NAME: \\Data1\\Projects\\20150580_15\\BIM_CAD\\09_PERMIT\\ATT-BIC-507 - DEVELOPED DRAINAGE STRUCTURES PLAN.dwg LAYOUT NAME: C-507 PRINTED: Friday, November 06, 2015 - 8:22am USER: TKrueger



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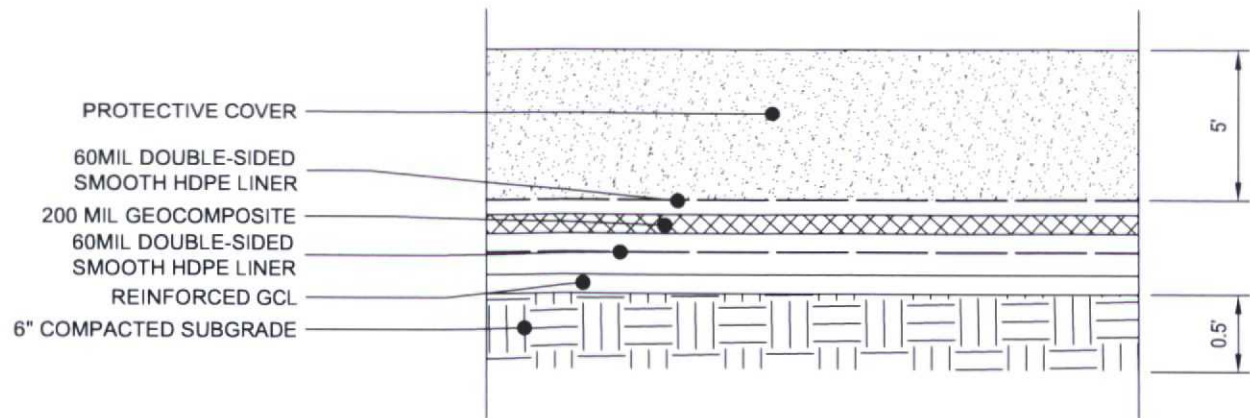
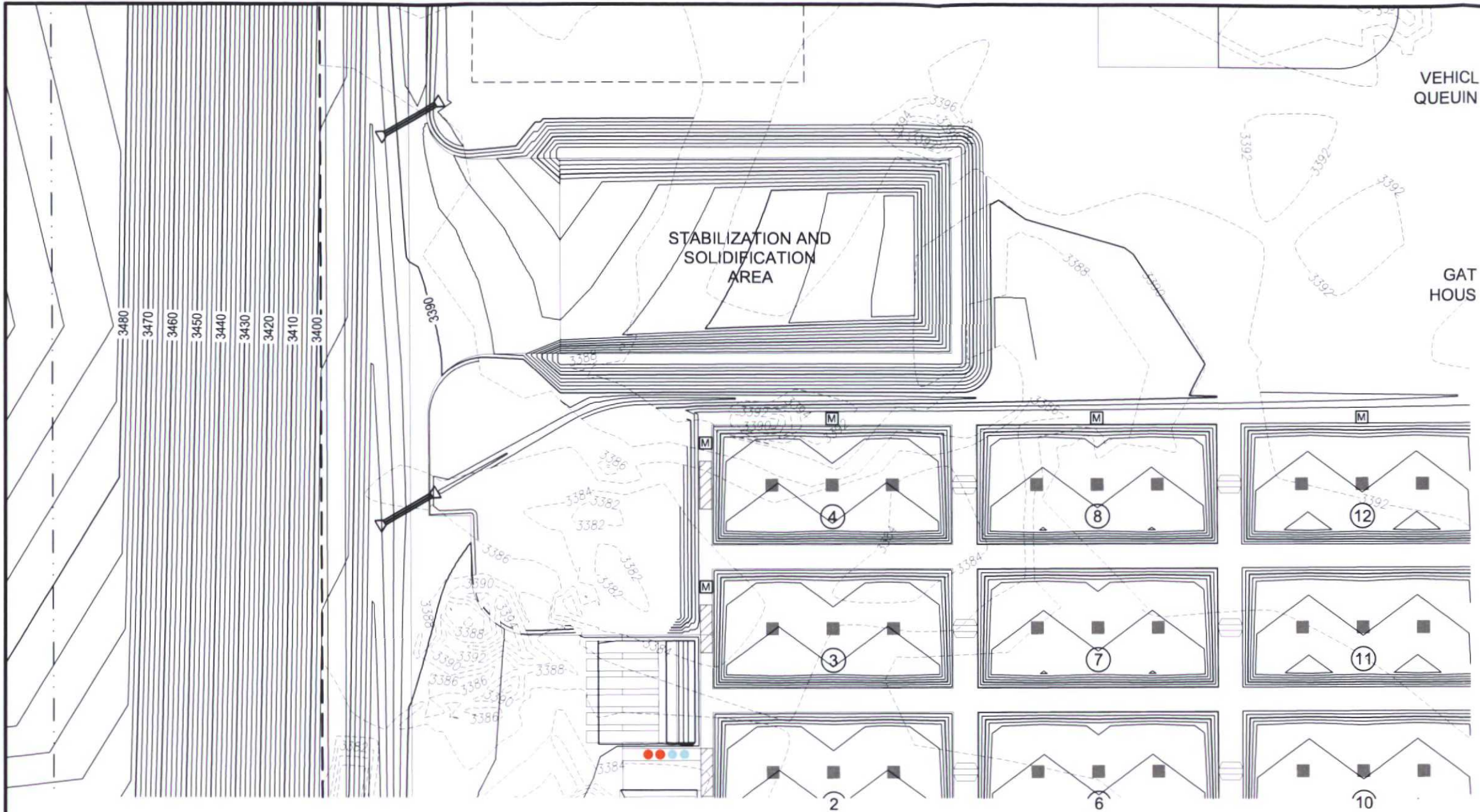
LEA COUNTY, NEW MEXICO

KEY PLAN

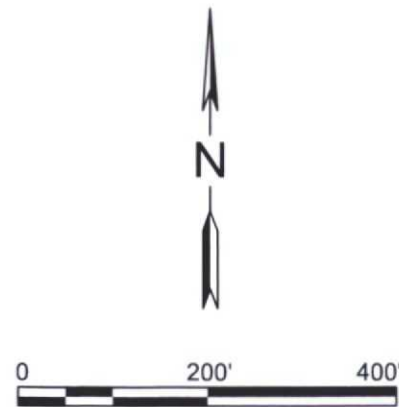
1	09/23/15	ISSUE FOR REVIEW
NO.	DATE	DESCRIPTION
ISSUING OFFICE: EL PASO PROJECT NO: 0580 15		

**DEVELOPED DRAINAGE
STRUCTURES PLAN**

FILE NAME: \\Data1\Projects\2015\0580 15\BIM_CAD\09_PERMIT\ATT-BIC-508 - STABILIZATION AND SOLIDIFICATION AREA.dwg LAYOUT NAME: C-508 PRINTED: Friday, November 06, 2015 - 8:22am USER: TKrueger

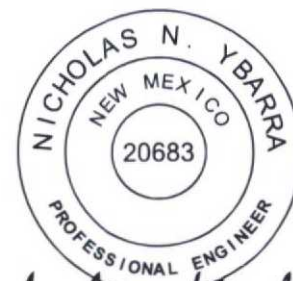


A1 SOLIDIFICATION AND STABILIZATION LINER DETAIL
NO SCALE



LEGEND

- 3392 --- EXISTING CONTOUR
- 3340 — 2' LINER CONTOUR
- - - UNIT LIMITS



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11/6/2015

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FACILITY**

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& PROCESSING FACILITY**

LEA COUNTY, NEW MEXICO

KEY PLAN

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**STABILIZATION AND
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