

NM1-62

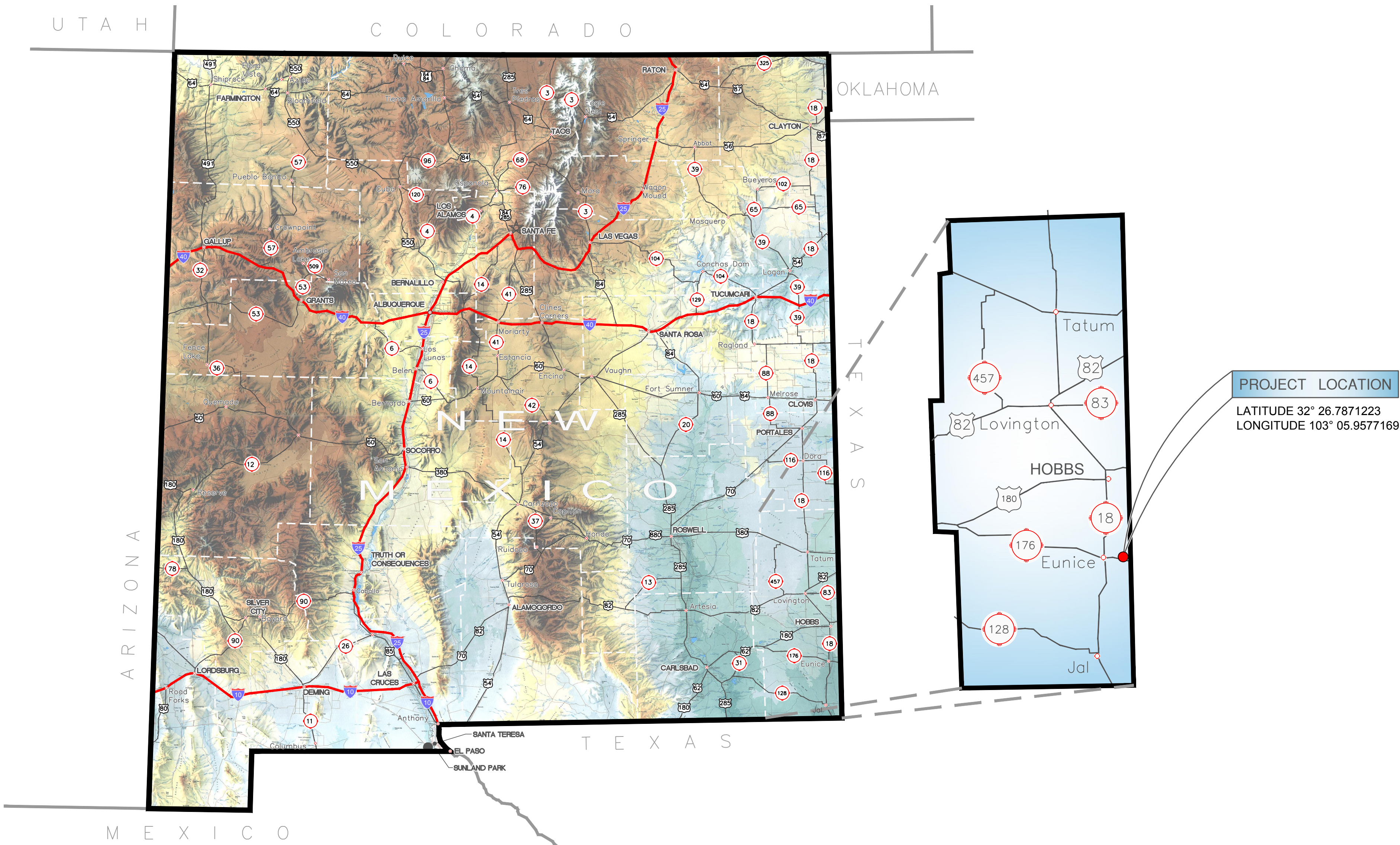
**Construction
Plans**

**Basins A-4, A-5, B-4,
and B-5**

October 2018

SUNDANCE WEST SURFACE WASTE MANAGEMENT FACILITY

SUB-PHASE 3: EVAPORATION BASINS A-4, A-5, B-4 & B-5
CONSTRUCTION PLANS
LEA COUNTY, NEW MEXICO



GORDON PSC
ENVIRONMENTAL
333 Rio Rancho Blvd., NE. Suite 400
Rio Rancho, New Mexico 87124
505.867.6990

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GENERAL

G-001 COVER SHEET AND INDEX

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SUNDANCE WEST SURFACE WASTE MANAGEMENT FACILITY

SUB-PHASE 3 EVAPORATION BASINS 7-10 CONSTRUCTION PLANS

LEA COUNTY, NEW MEXICO

KEY PLAN

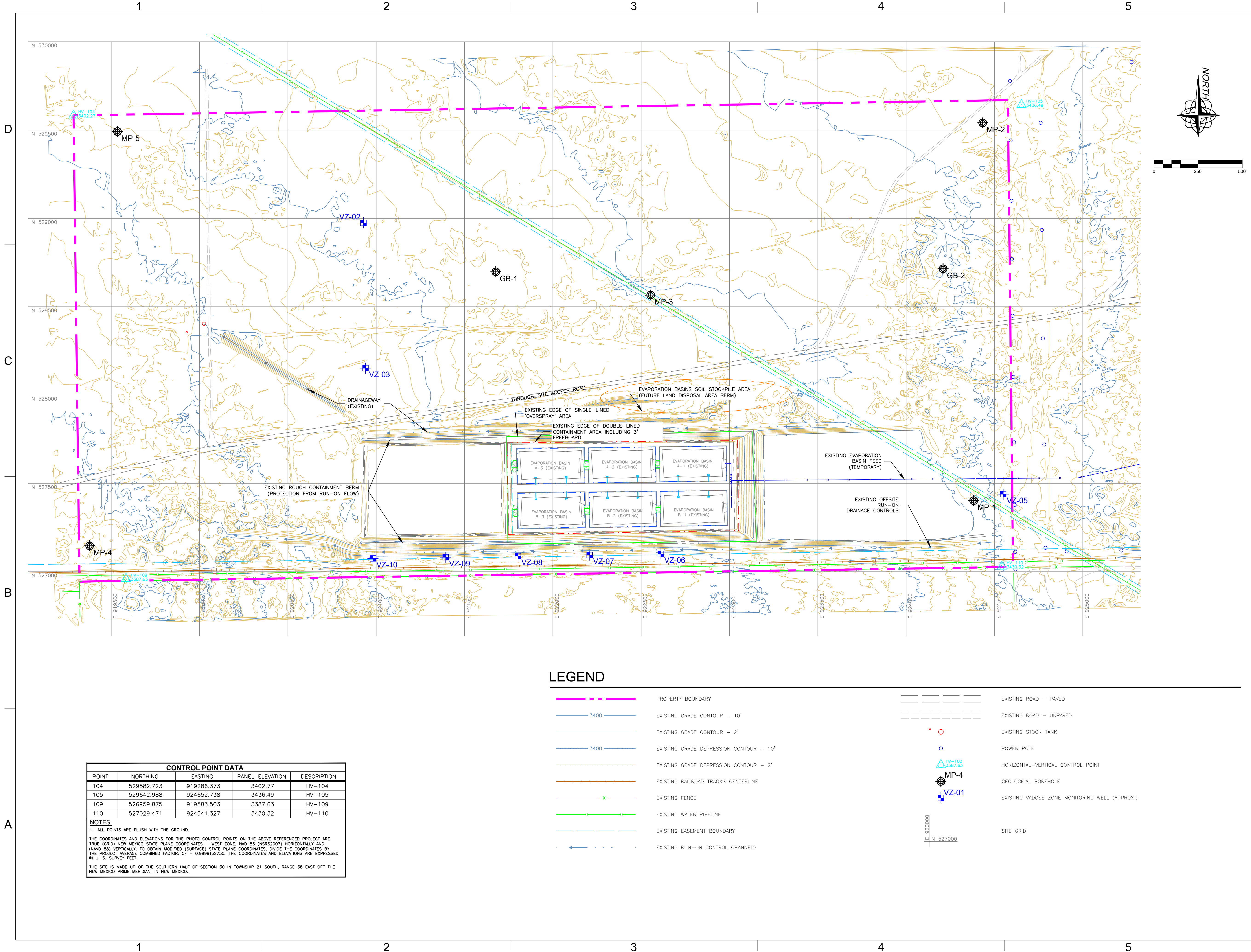
1	09/27/2018	CONSTRUCTION
-	08/24/2018	CLIENT REVIEW
NO	DATE	DESCRIPTION
ISSUING OFFICE: RIO RANCHO		PROJECT NO: 0111.17

COVER SHEET
AND INDEX

G-001

SET NUMBER

FILE NAME: X:\20170111.1702.DSGM02_DWG050_CIVIL04_SubPhase3\C-101-0111-17.dwg LAYOUT NAME: C-101 PRINTED: Thursday, September 27, 2018 - 10:35am USER: amcbrien



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SUNDANCE WEST SURFACE WASTE MANAGEMENT FACILITY

SUB-PHASE 3 EVAPORATION BASINS 7-10 CONSTRUCTION PLANS

LEA COUNTY, NEW MEXICO

KEY PLAN

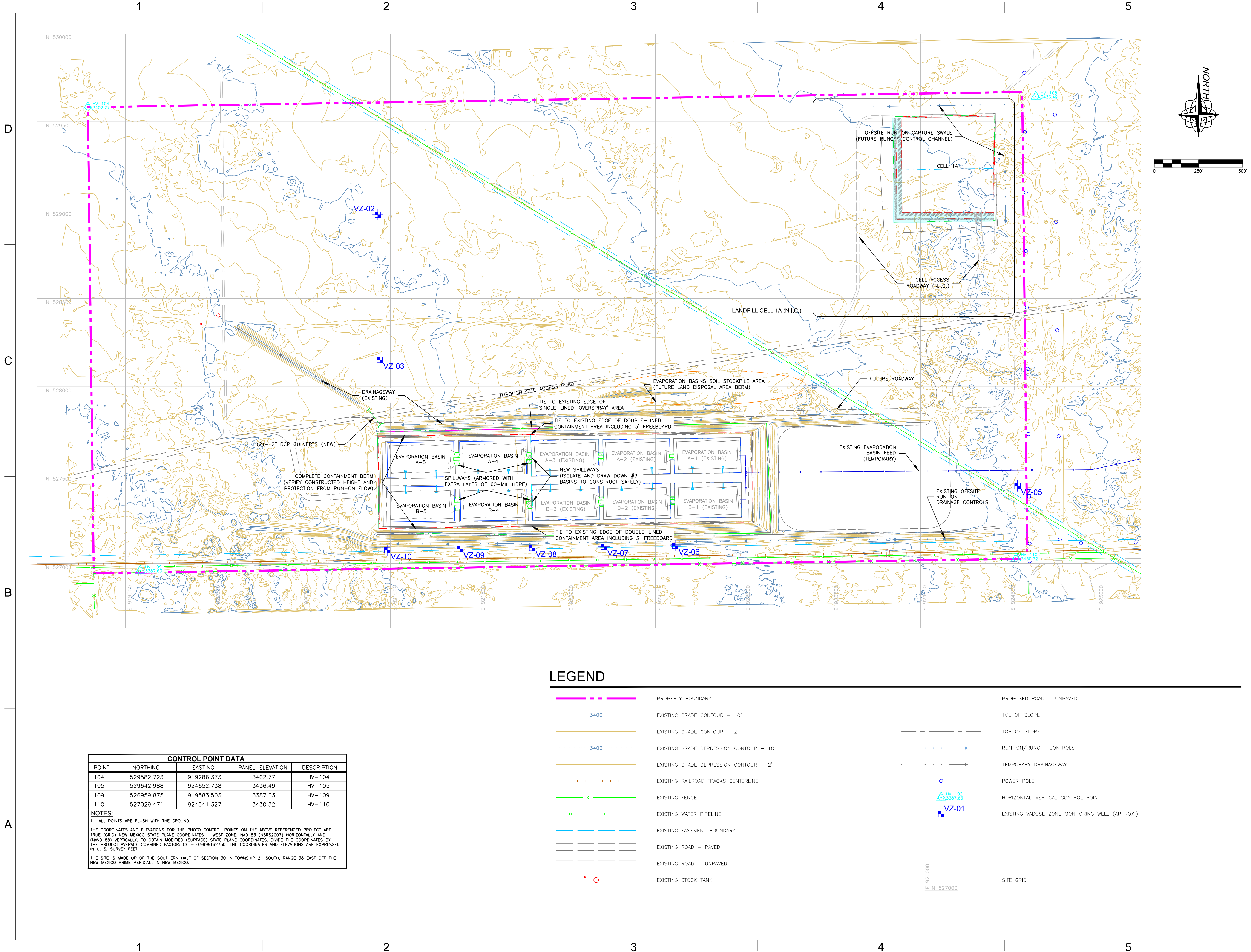
1	09/27/2018	CONSTRUCTION
-	08/24/2018	CLIENT REVIEW
NO	DATE	DESCRIPTION

ISSUING OFFICE: RIO RANCHO PROJECT NO: 0111.17

SITE PLAN EXISTING CONDITIONS

C-101

FILE NAME: X:\2017\0111.1702_DSGM02_DWG050_CIVIL04_SubPhase3\C-102-0111-17.dwg LAYOUT NAME: C-102 PRINTED: Thursday, September 27, 2018 - 10:36am USER: amcbrien



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SUNDANCE WEST SURFACE WASTE MANAGEMENT FACILITY

SUB-PHASE 3 EVAPORATION BASINS 7-10 CONSTRUCTION PLANS

LEA COUNTY, NEW MEXICO

KEY PLAN

NO.	DATE	DESCRIPTION
1	09/27/2018	CONSTRUCTION
-	08/24/2018	CLIENT REVIEW
NO.	DATE	DESCRIPTION

ISSUING OFFICE: RIO RANCHO PROJECT NO: 0111.17

SITE DEVELOPMENT PLAN

C-102

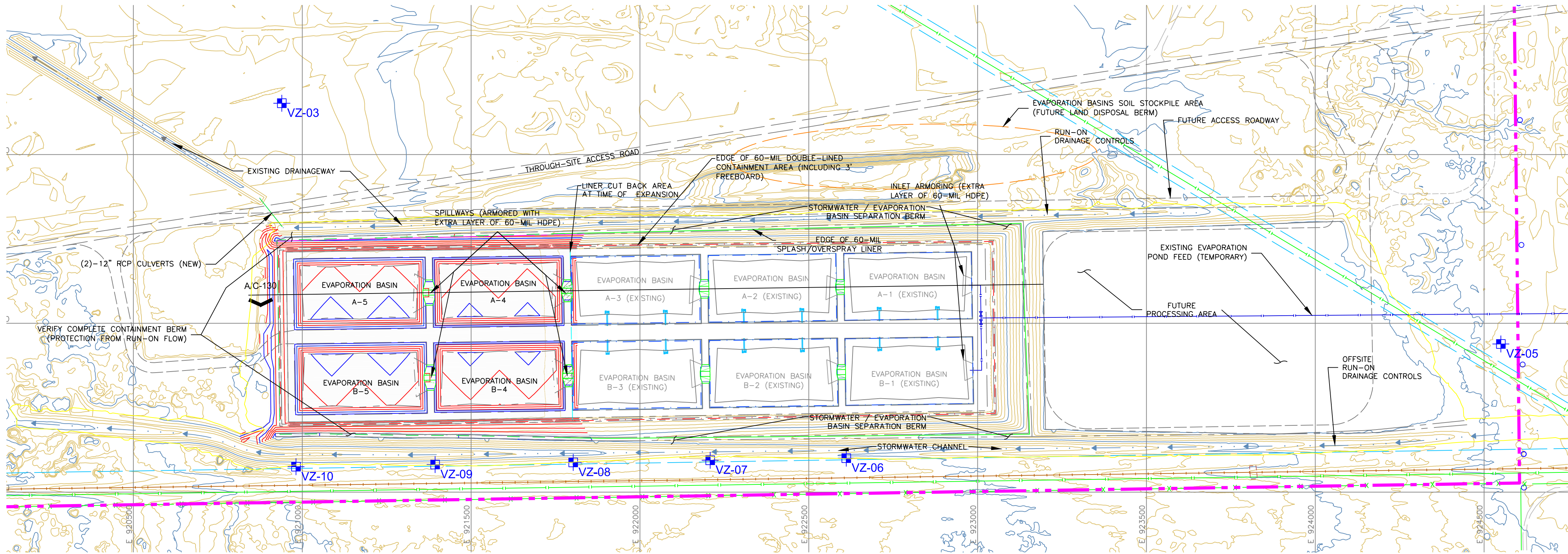
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D

C

B

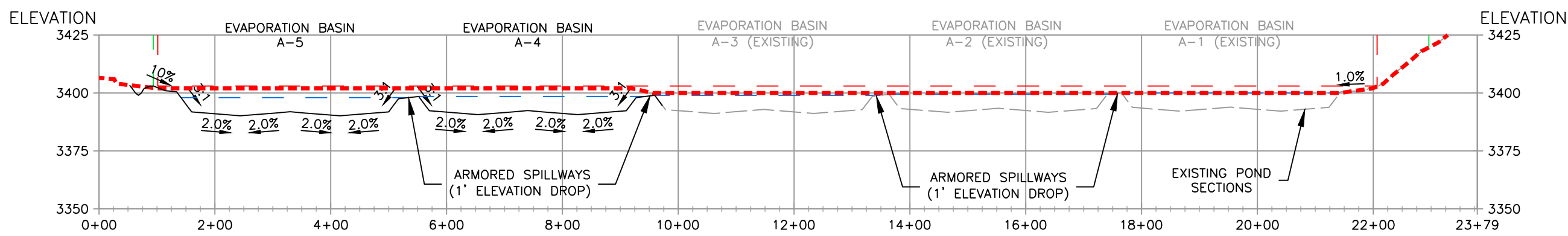
A



EVAPORATION BASIN AREA PLAN VIEW
INCLUDING SURROUNDING DRAINAGE

PLAN VIEW LEGEND

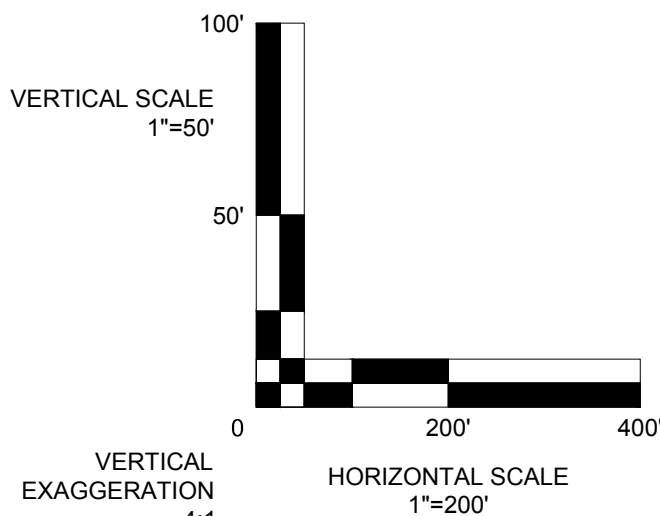
- PROPERTY BOUNDARY
- EXISTING GRADE CONTOUR - 10'
- EXISTING GRADE CONTOUR - 2'
- EXISTING GRADE DEPRESSION CONTOUR - 10'
- EXISTING GRADE DEPRESSION CONTOUR - 2'
- EXISTING RAILROAD TRACKS CENTERLINE
- EXISTING FENCE
- EXISTING WATER PIPELINE
- EXISTING EASEMENT BOUNDARY
- EXISTING ROAD - PAVED
- EXISTING ROAD - UNPAVED
- EXISTING STOCK TANK
- PROPOSED GRADE CONTOUR - 10'
- PROPOSED GRADE CONTOUR - 2'
- PROPOSED ROAD - UNPAVED
- TOE OF SLOPE
- TOP OF SLOPE
- RUN-ON/RUNOFF CONTROLS
- TEMPORARY DRAINAGEWAY
- POWER POLE
- EXISTING VADOSE ZONE MONITORING WELL (APPROX.)



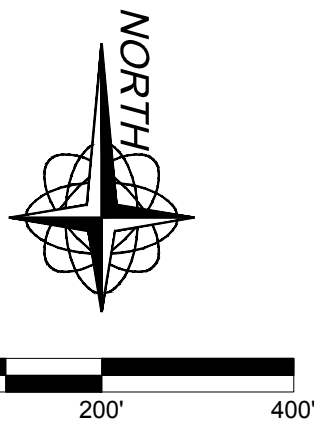
A BASIN CHAIN 'A' SECTION VIEW
1"=200' 4:1 VERTICAL EXAGGERATION

SECTION VIEW LEGEND

- SECTION VIEW - EXISTING GRADES
- SECTION VIEW - FINAL GRADES
- EVAPORATION BASIN NORMAL POOL
- EDGE OF PRIMARY (DOUBLE) LINER & FREEBOARD AREA
- EDGE OF SECONDARY (SINGLE / OVERSPRAY) LINER



E 920000
N 527000
SITE GRID



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SUNDANCE WEST SURFACE WASTE MANAGEMENT FACILITY

SUB-PHASE 3 EVAPORATION BASINS 7-10 CONSTRUCTION PLANS

LEA COUNTY, NEW MEXICO

KEY PLAN

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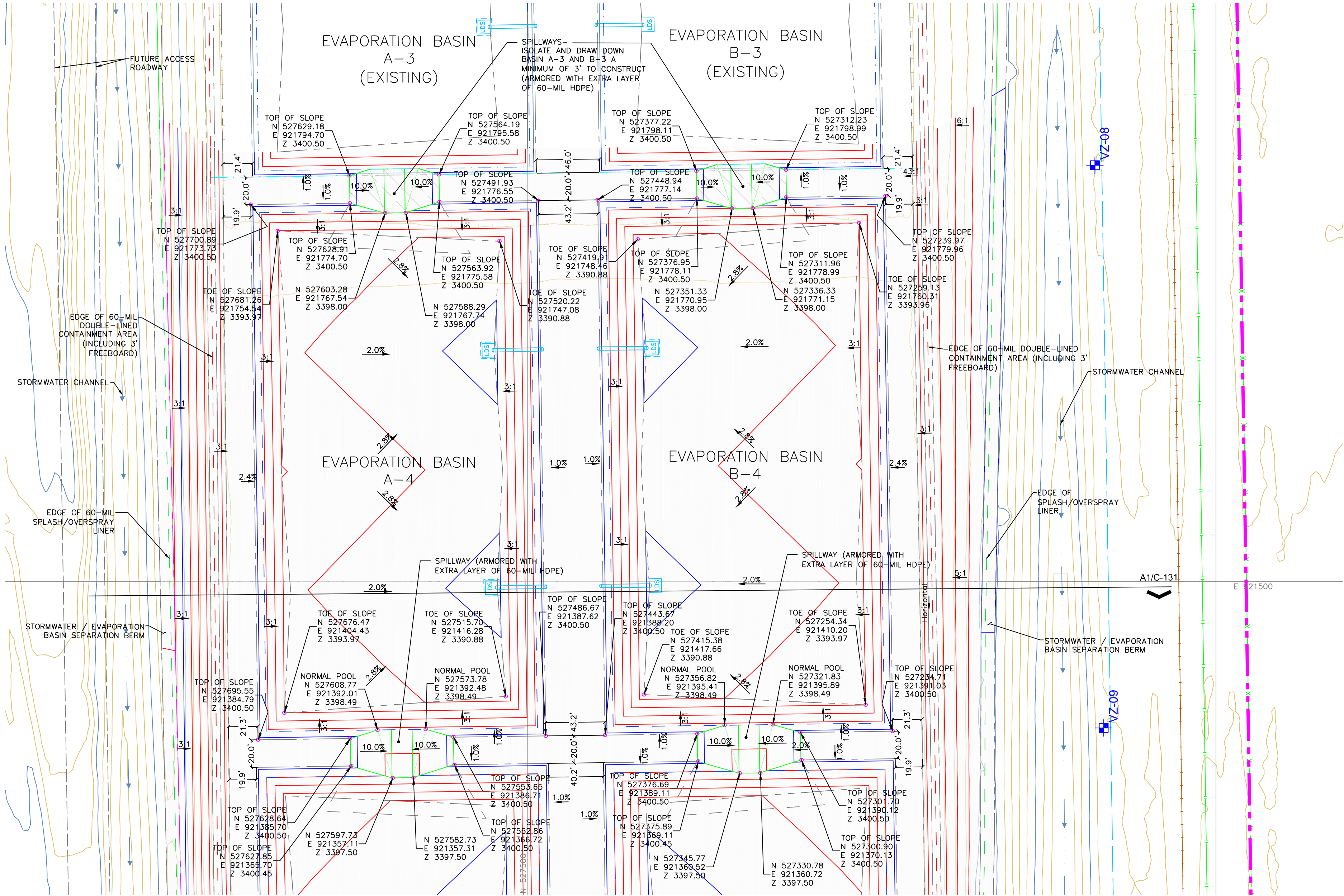
EVAPORATION BASINS AREA PLAN AND SECTION WITH DRAINAGE

C-130

FILE NAME: X:\20170111.1702_DSGN02_DWG050_CIVIL04_SubPhase3(C-131)0111-17.dwg LAYOUT NAME: C-131 PRINTED: Thursday, September 27, 2018 - 10:33am USER: amcbrien

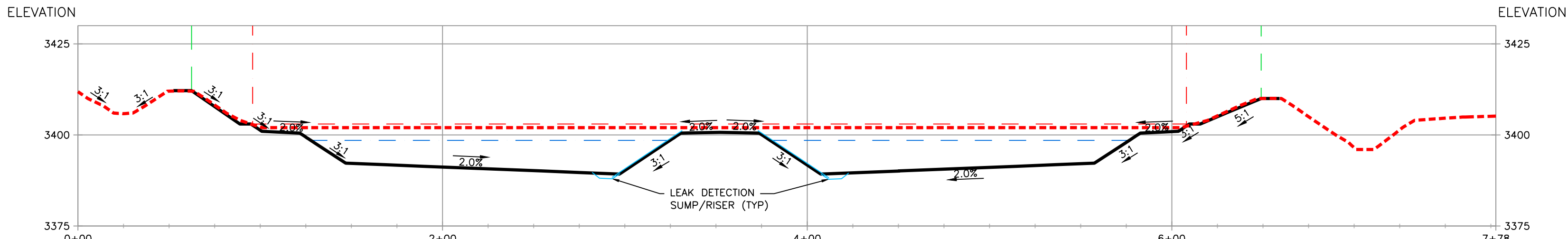
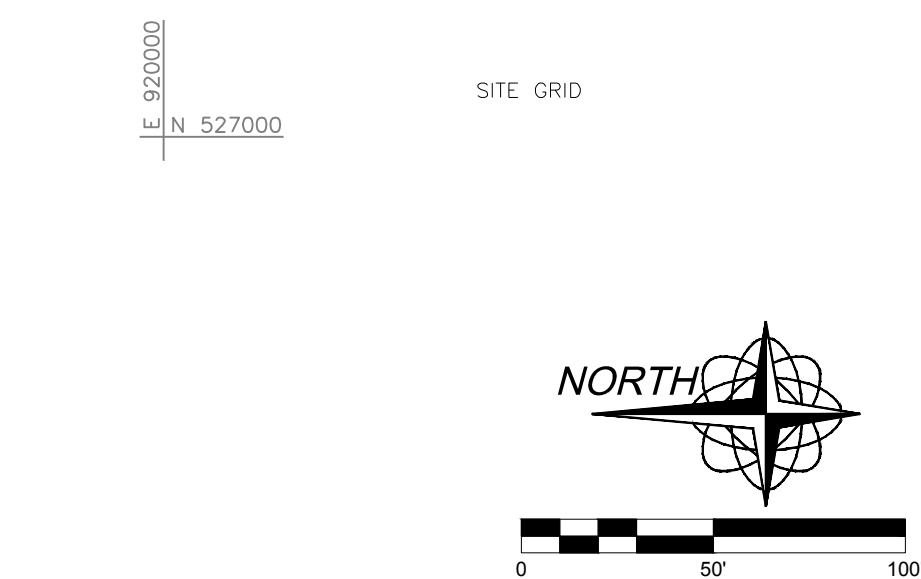
D
C
B
A

EVAPORATION BASINS A-4 AND B-4 PLAN VIEW

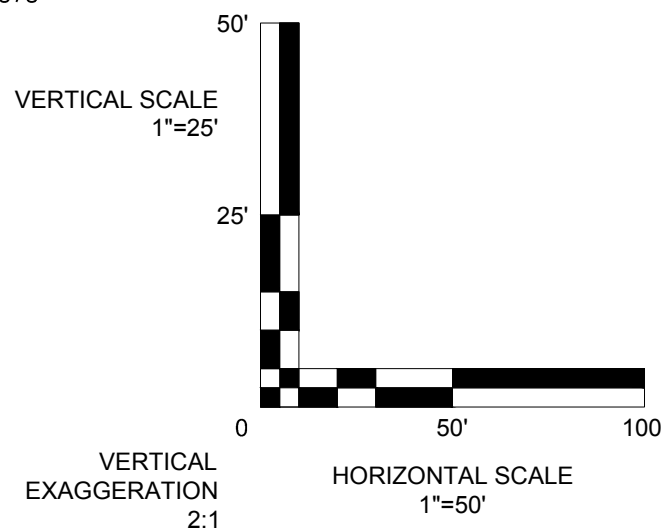


LEGEND

- PROPERTY BOUNDARY
- EXISTING GRADE CONTOUR - 10'
- EXISTING GRADE CONTOUR - 2'
- EXISTING GRADE DEPRESSION CONTOUR - 10'
- EXISTING GRADE DEPRESSION CONTOUR - 2'
- EXISTING RAILROAD TRACKS CENTERLINE
- EXISTING FENCE
- EXISTING WATER PIPELINE
- EXISTING EASEMENT BOUNDARY
- PROPOSED GRADE CONTOUR - 10'
- PROPOSED GRADE CONTOUR - 2'
- TOE OF SLOPE
- TOP OF SLOPE
- RUN-ON/RUNOFF CONTROLS
- EXISTING VADOSE ZONE MONITORING WELL (APPROX.)
- LEAK DETECTION SUMP AND RISER



A1 EVAPORATION BASINS A-4 AND B-4
2:1 VERTICAL EXAGGERATION SECTION VIEW



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SUNDANCE WEST SURFACE WASTE MANAGEMENT FACILITY

**SUB-PHASE 3
EVAPORATION BASINS 7-10
CONSTRUCTION PLANS**

LEA COUNTY, NEW MEXICO

KEY PLAN

1	09/27/2018	CONSTRUCTION
-	08/24/2018	CLIENT REVIEW
NO	DATE	DESCRIPTION

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EVAPORATION BASINS A-4 AND B-4 PLAN & SECTION

C-131

FILE NAME: X:\2017\0111.1702_DSGN02_DWG050_CIVIL04_SubPhase3\C-132-0111-17.dwg LAYOUT NAME: C-132 PRINTED: Thursday, September 27, 2018 - 10:34am USER: amcbrien

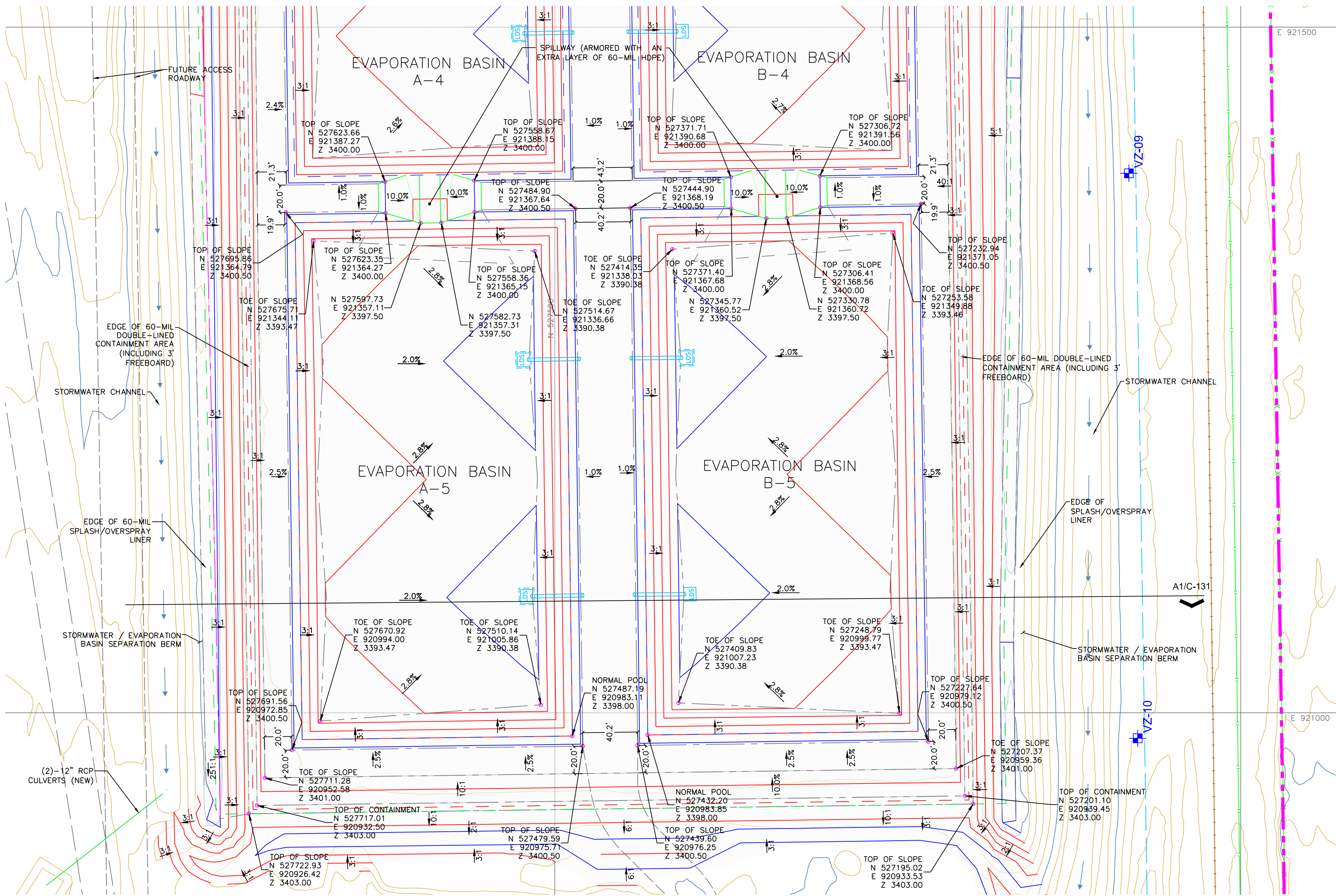
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EVAPORATION BASINS A-5 AND B-5 PLAN VIEW

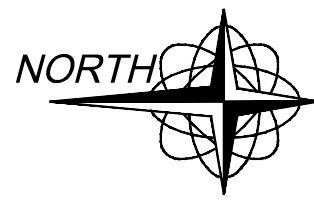


LEGEND

- PROPERTY BOUNDARY
- EXISTING GRADE CONTOUR - 10'
- EXISTING GRADE CONTOUR - 2'
- EXISTING GRADE DEPRESSION CONTOUR - 10'
- EXISTING GRADE DEPRESSION CONTOUR - 2'
- EXISTING RAILROAD TRACKS CENTERLINE
- EXISTING FENCE
- EXISTING WATER PIPELINE
- EXISTING EASEMENT BOUNDARY
- PROPOSED GRADE CONTOUR - 10'
- PROPOSED GRADE CONTOUR - 2'
- TOE OF SLOPE
- TOP OF SLOPE
- RUN-ON/RUNOFF CONTROLS
- EXISTING VADOSE ZONE MONITORING WELL (APPROX.)
- LEAK DETECTION SUMP AND RISER

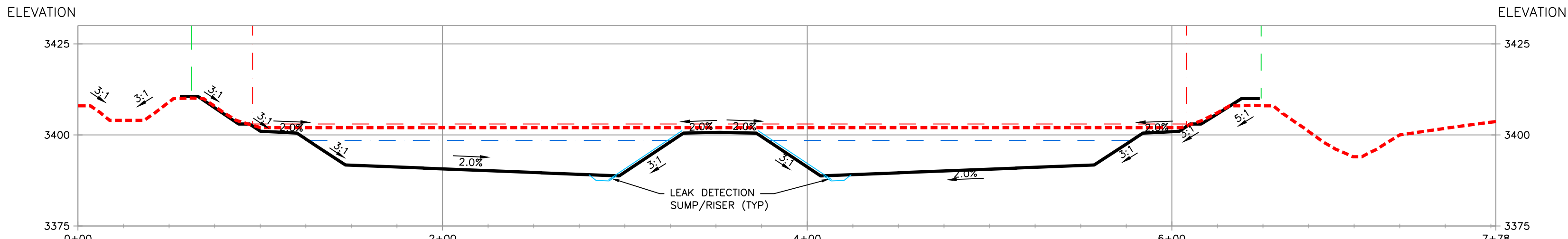
VZ-06

N 527000
E 920000



0 50' 100'

- SECTION VIEW - EXISTING GRADES
- SECTION VIEW - FINAL GRADES
- EVAPORATION BASIN NORMAL POOL ELEVATION
- EDGE OF PRIMARY (DOUBLE) LINER & FREEBOARD ELEVATION
- EDGE OF SECONDARY (SINGLE / OVERSPRAY) LINER

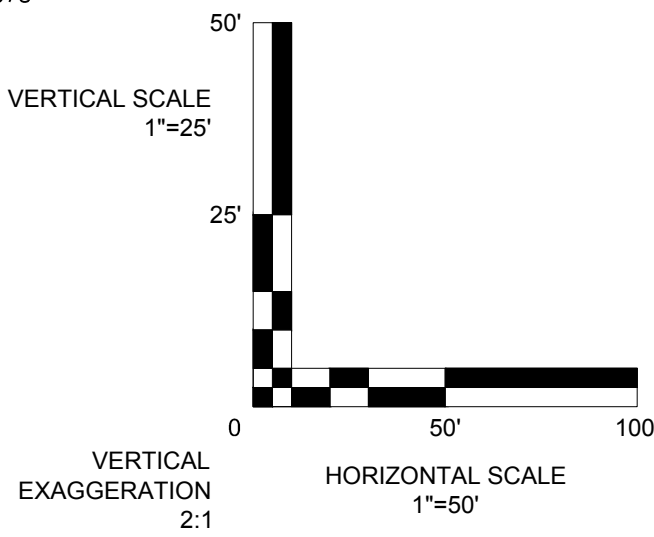


A1

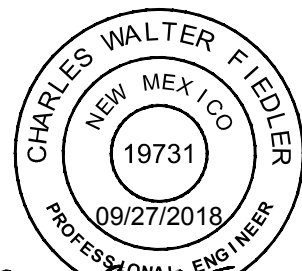
EVAPORATION BASINS A-5 AND B-5

2:1 VERTICAL EXAGGERATION

SECTION VIEW



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SUB-PHASE 3 EVAPORATION BASINS 7-10 CONSTRUCTION PLANS

LEA COUNTY, NEW MEXICO

KEY PLAN

NO	DATE	DESCRIPTION
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-	08/24/2018	CLIENT REVIEW

ISSUING OFFICE: RIO RANCHO PROJECT NO: 0111.17

EVAPORATION BASINS A-5 AND B-5 PLAN & SECTION

C-132

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SUB-PHASE 3

EVAPORATION BASINS 7-10

CONSTRUCTION PLANS

KEY PLAN

EVAPORATION BASINS DETAILS

FILE NAME: X:\2017\0111.17\02_DSGN\02_DWG\050_CIVIL\04_SubPhase3\C-501-0111-17.dwg LAYOUT NAME: C-501 PRINTED: Thursday, September 27, 2018 - 10:33am USER: amcbrien

