



DEVELOPMENT REVIEW BOARD
SUPPLEMENTAL SUBMITTAL

(Deadline is Friday at noon unless noted on 2019 agenda – late submittals will not be accepted unless approved by the DRB)

PROJECT NO. PR-2019-002651
Application No. SD-2019-00133

TO:

- Planning Department/Chair
- Hydrology
- Transportation Development
- Albuquerque/ Bernalillo Co. WUA
- Code Enforcement

*(Please attach this sheet with each collated set for each board member)

NOTE: ELECTRONIC VERSION (ie disk, thumbdrive) is Required. Submittal will not be accepted without.

DRB SCHEDULED HEARING DATE: 11.20.19 HEARING DATE OF DEFERRAL: 10.30.19

SUBMITTAL DESCRIPTION: Revised page 2 of plat, Response to comments (Hydrology & transportation), additional surveys & exhibits

CONTACT NAME: Richard Stevenson

TELEPHONE: 505-858-3100 EMAIL: rstevenson@tierrawestllc.com

DEVELOPMENT REVIEW BOARD
TRANSPORTATION DEVELOPMENT

DRB Project Number: 2019-002651
Sunport Park (Plat of Parcel 2-A)

AGENDA ITEM NO: 3

SUBJECT: Vacation of Right-of-Way

ENGINEERING COMMENTS:

1. Exhibits have been provided to show that the vacation does not impact the "University Bikeways Phase 2 Project". Based on current submittal, it is not clear what the proposed right-of-way vacation is.

We have coordinated with DMD on the bikeway project and the vacation does not impact the project. As requested by DMD, the plat shows the City's Right of Way Taking Parcel 2-1 for the University Blvd. Bikeways-Phase II Project No. 795692 currently in condemnation (D-202-CV-201802511) which will resolve this matter.

2. Any private encroachments proposed to remain in the public right-of-way will require a revocable permit to be in place prior to final platting action.

Noted.

*Please remember to email me directly with an electronic copy of all supplemental submittal documents.

Disclaimer: The comments provided are based upon the information received from the applicant. If new or revised information is submitted, additional comments may be provided by Transportation Development.

FROM: Jeanne Wolfenbarger, P.E.
Transportation Development
505-924-3991 or jwolfenbarger@cabq.gov

DATE: October 30, 2019

ACTION:

APPROVED __; DENIED __; DEFERRED __; COMMENTS PROVIDED __; WITHDRAWN __

DELEGATED: _____ TO: (TRANS) (HYD) (WUA) (PRKS) (CE) (PLNG)

DEVELOPMENT REVIEW BOARD - HYDROLOGY SECTION
 Dana Peterson, PE Senior Engineer | 505-924-3695 dpeterson@cabq.gov

DRB Project Number: 2019-002651 Hearing Date: 10-30-19
 Project: Sunport ROW Vacation Agenda Item No: 3

<input type="checkbox"/> Sketch Plat	<input checked="" type="checkbox"/> Minor Preliminary / Final Plat	<input type="checkbox"/> Preliminary Plat	<input type="checkbox"/> Final Plat
<input type="checkbox"/> Temp Sidewalk Deferral	<input type="checkbox"/> Sidewalk Waiver/Variance	<input type="checkbox"/> Site Plan for Bldg. Permit <input type="checkbox"/> Site Plan for Subdivision	<input type="checkbox"/> Bulk Land Plat
<input type="checkbox"/> SIA Extension	<input type="checkbox"/> DPM Variance	<input type="checkbox"/> Vacation of Public Easement	<input checked="" type="checkbox"/> Vacation of Public Right of Way

ENGINEERING COMMENTS:

- Provide a topographic and features survey showing the exact locations (**vertical** and horizontal) of the existing public storm drain and the existing buildings/carports **in both the NE corner and south side** of the property.

See attached the DMD bikeway plans which details the public storm drain through the right-of-way. In addition, attached is the survey with the storm drain through the property on the south side in reference to the carport that was surveyed to confirm the aligned and the vacation and replat of the stormdrain easement.

- Provide an exhibit, per the DPM Ch.22.6.C.2., showing the required drainage easement (or ROW width) in the NE corner, include the building location.
Exhibit included with the resubmittal details the proposed ROW width.
- Provide an exhibit, per the DPM Ch.22.6.C.2., showing that the requested 30' drainage easement on the south side is sufficient; include the carport locations.
Exhibit attached.
- The easement on the south side will need to be vacated and the replacement easement granted as two simultaneous actions. It cannot be "reduced" in one action.
Request with this submittal is the vacation and replat of the easement along the carport section.
- If the building encroaches on the required drainage easement (or ROW width), it will need to be removed prior to vacating the ROW (NE Corner).
There are no encroachments.
- If the carports encroach on the City existing drainage easement along the south side of the property, they may need to be removed prior to Plat.
There are no encroachments.
- Provide a copy of any (existing) encroachment agreements or revocable permits.
See attached with the resubmittal.

APPROVED DELEGATED TO: TRANS HYD WUA PRKS PLNG
 DENIED Delegated For: _____
 SIGNED: I.L. SPSP SPBP FINAL PLAT
 DEFERRED TO _____

RESOLUTION/COMMENTS:

Code:

Water:

Transportation:

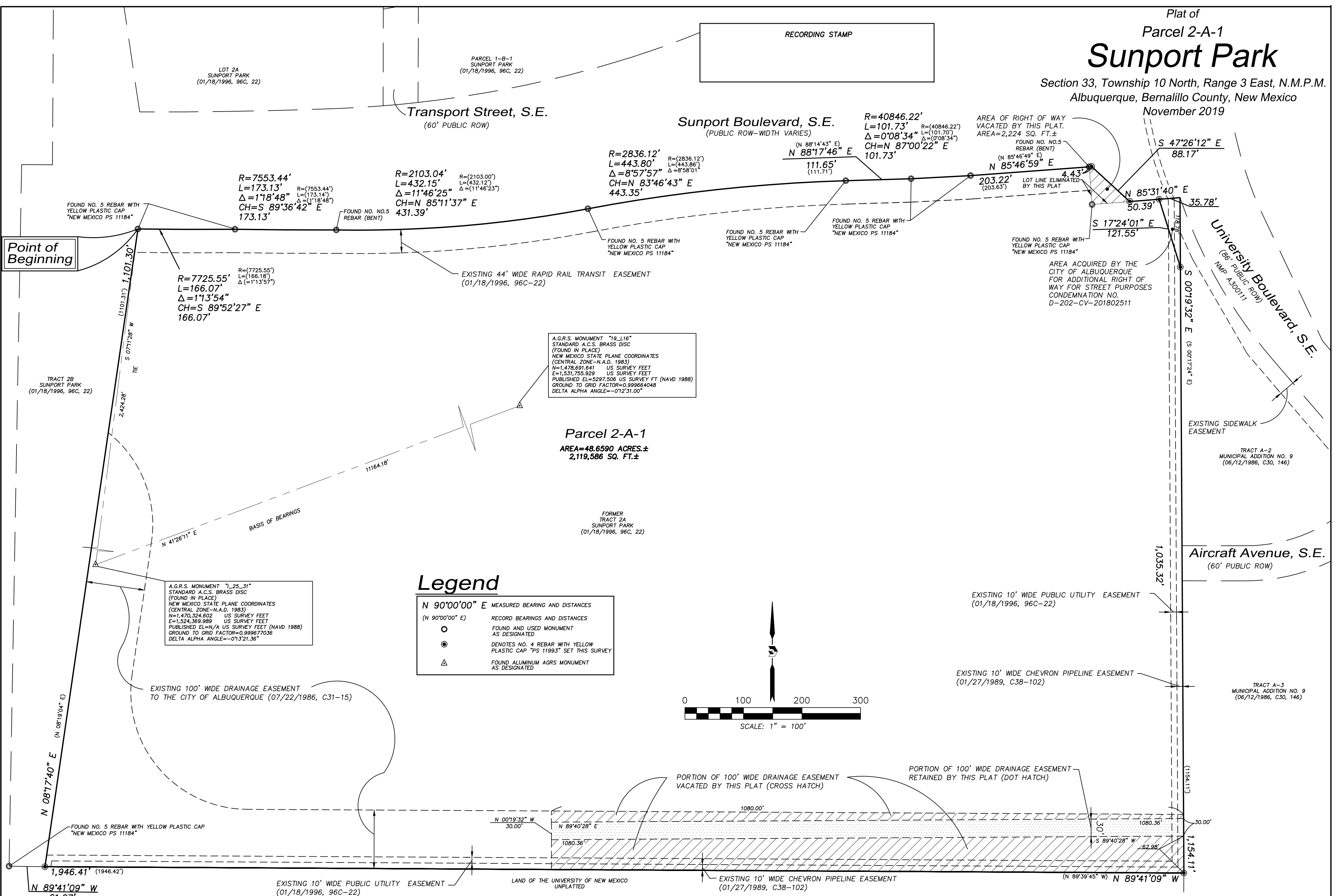
Planning:

APPROVED
 DENIED

DELEGATED TO: TRANS HYD WUA PRKS PLNG
Delegated For: _____
SIGNED: I.L. SPSD SPBP FINAL PLAT
DEFERRED TO _____

Plat of
Parcel 2-A-1
Sunport Park
 Section 33, Township 10 North, Range 3 East, N.M.P.M.
 Albuquerque, Bernalillo County, New Mexico
 November 2019

RECORDING STAMP



A.G.R.S. MONUMENT "19_L16"
 STANDARD A.C.S. BRASS DISC
 (FOUND IN PLACE)
 NEW MEXICO STATE PLANE COORDINATES
 (CENTRAL ZONE-N.A.D. 1983)
 N=1,478,691.641 US SURVEY FEET
 E=1,531,755.929 US SURVEY FEET
 PUBLISHED EL=5297.506 US SURVEY FT (NAVD 1988)
 GROUND TO GRID FACTOR=0.999664048
 DELTA ALPHA ANGLE=-0°12'31.00"

A.G.R.S. MONUMENT "1_25_31"
 STANDARD A.C.S. BRASS DISC
 (FOUND IN PLACE)
 NEW MEXICO STATE PLANE COORDINATES
 (CENTRAL ZONE-N.A.D. 1983)
 N=1,470,324.602 US SURVEY FEET
 E=1,524,369.989 US SURVEY FEET
 PUBLISHED EL=N/A US SURVEY FEET (NAVD 1988)
 GROUND TO GRID FACTOR=0.999677036
 DELTA ALPHA ANGLE=-0°13'21.36"

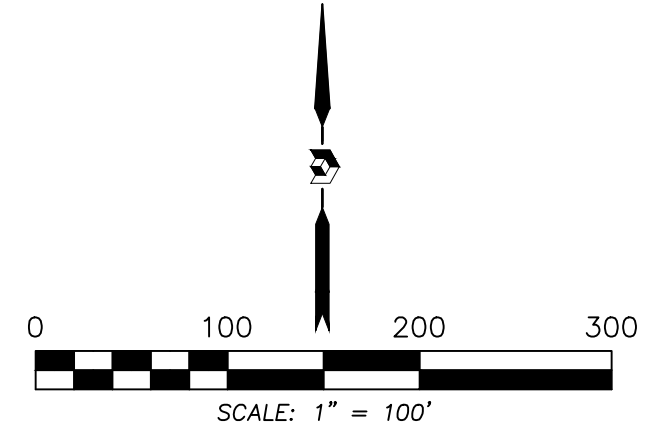
Legend

N 90°00'00" E MEASURED BEARING AND DISTANCES
 (N 90°00'00" E)

○ RECORD BEARINGS AND DISTANCES
 FOUND AND USED MONUMENT AS DESIGNATED

● DENOTES NO. 4 REBAR WITH YELLOW PLASTIC CAP "PS 11993" SET THIS SURVEY

△ FOUND ALUMINUM AGRS MONUMENT AS DESIGNATED



Parcel 2-A-1
 AREA=48.6590 ACRES.±
 2,119,586 SQ. FT.±

COORDINATE AND DIMENSION INFORMATION				PLSS INFORMATION				INDEXING INFORMATION FOR COUNTY CLERK				PROJECT INFORMATION			
STATE PLANE ZONE: NM-C	GRID	TYPE: STANDARD		LAND GRANT N/A	PROPERTY OWNER R & B LLC			CREW/TECH: MT/V/M				DATE OF SURVEY 08/24/2018			
HORIZONTAL DATUM: NAD83	VERTICAL DATUM: NAVD88	ROTATION ANGLE: 0° 00' 00.00"	MATCHES DRAWING UNITS YES	SECTION 33	TOWNSHIP 10 NORTH	RANGE 3 EAST	MERIDIAN NMPM	SUBDIVISION NAME SUNPORT PARK				DRAWN BY: JK/MP		CHECKED BY: LM	
CONTROL USED: ALBUQUERQUE GEODETIC REFERENCE SYSTEM				BASE POINT FOR SCALING AND/OR ROTATION: N = 0 E = 0				CITY ALBUQUERQUE				PSI JOB NO. 18-1136P			
COMBINED SCALE FACTOR: GRID TO GROUND: 1.000329567 GROUND TO GRID: 0.999667054				DISTANCE ANNOTATION: GROUND				COUNTY BERNALILLO				STATE NM			
				BEARING ANNOTATION: GRID				STATE NM				UPC 101505516505030320			
				ELEVATION TRANSLATION: ±0.00'				STATE NM				SHEET NUMBER 2 OF 2			
				ELEVATIONS VALID: NO				STATE NM				PHONE 505.856.5700			
												FAX 505.856.7900			



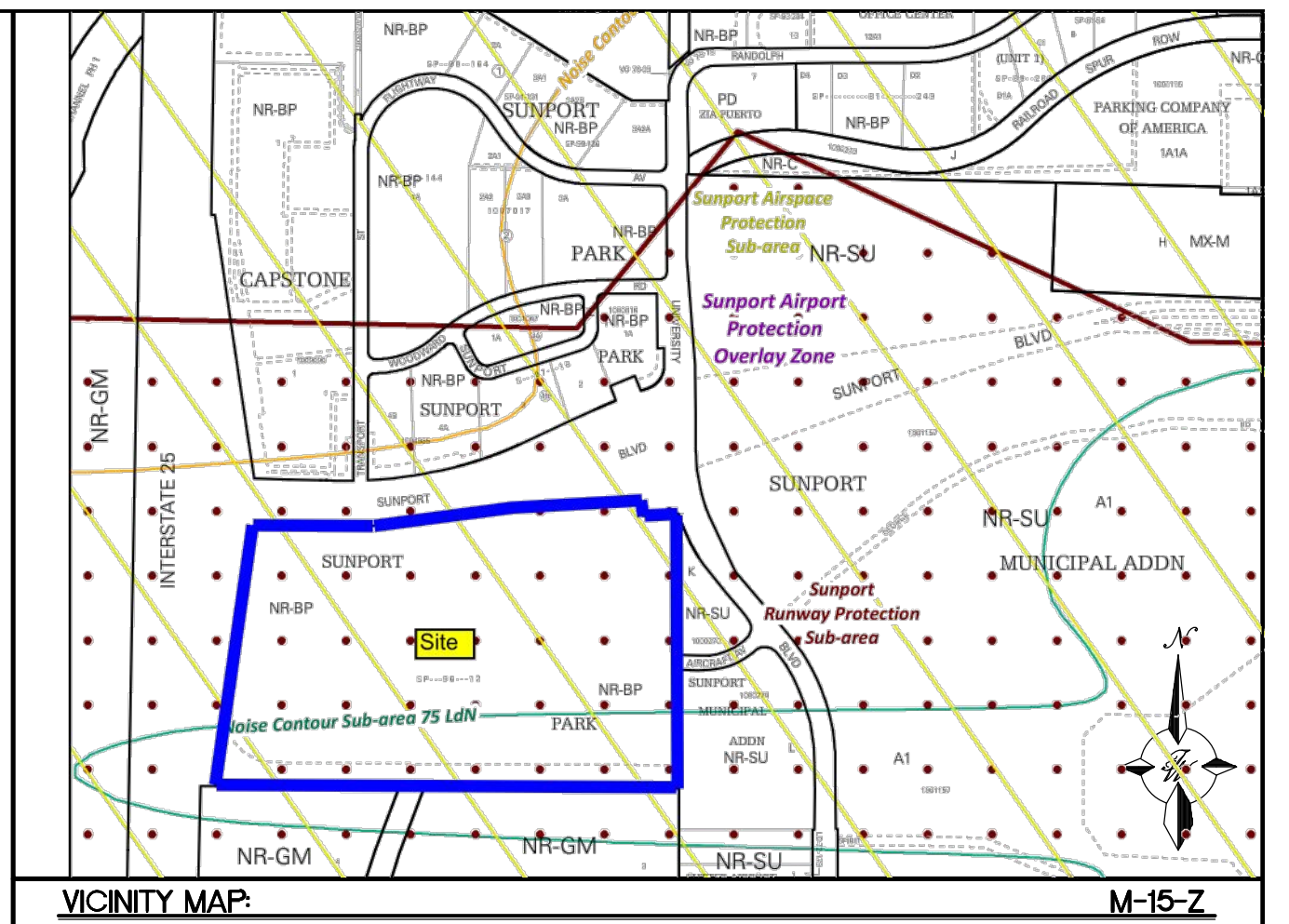
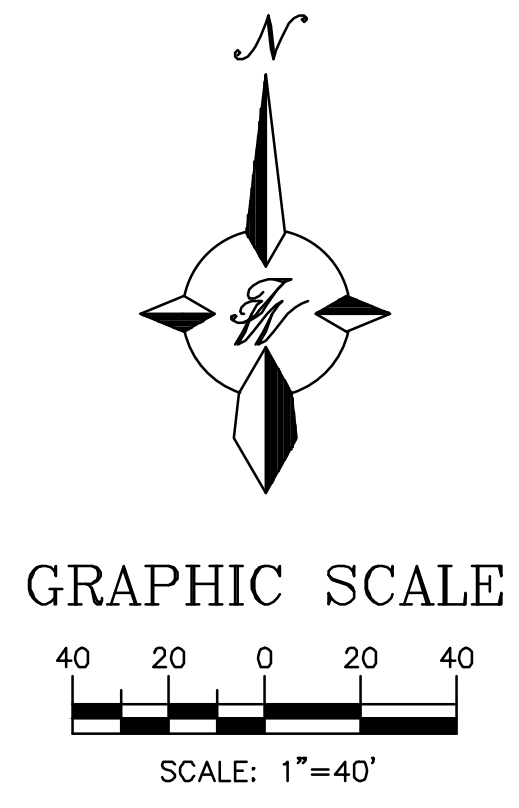
OFFICE LOCATION:
 9200 San Mateo Boulevard, NE
 Albuquerque, NM 87113
 505.856.5700 PHONE
 505.856.7900 FAX

Sunport Boulevard, S.E.
(PUBLIC ROW—WIDTH VARIES)

AREA OF RIGHT OF WAY
VACATED BY THIS PLAT:
AREA=2,223 SQ. FT.±



University Boulevard, S.E.
(86' PUBLIC ROW)
NMP A300111

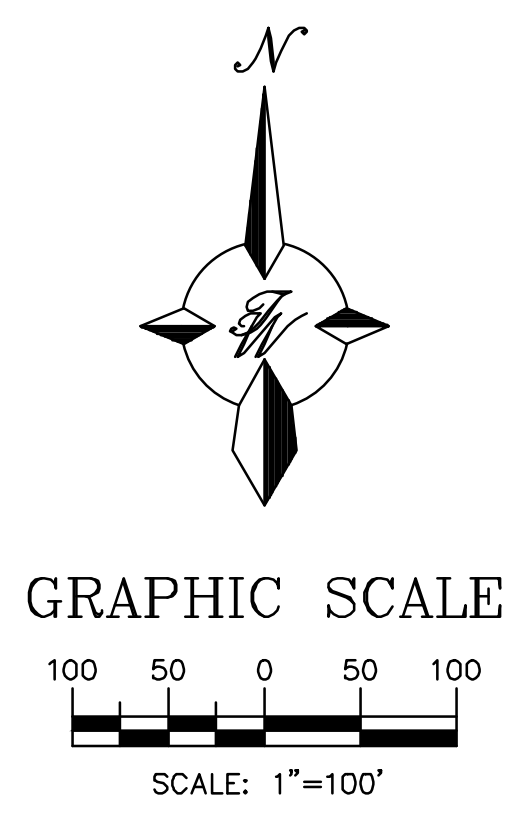
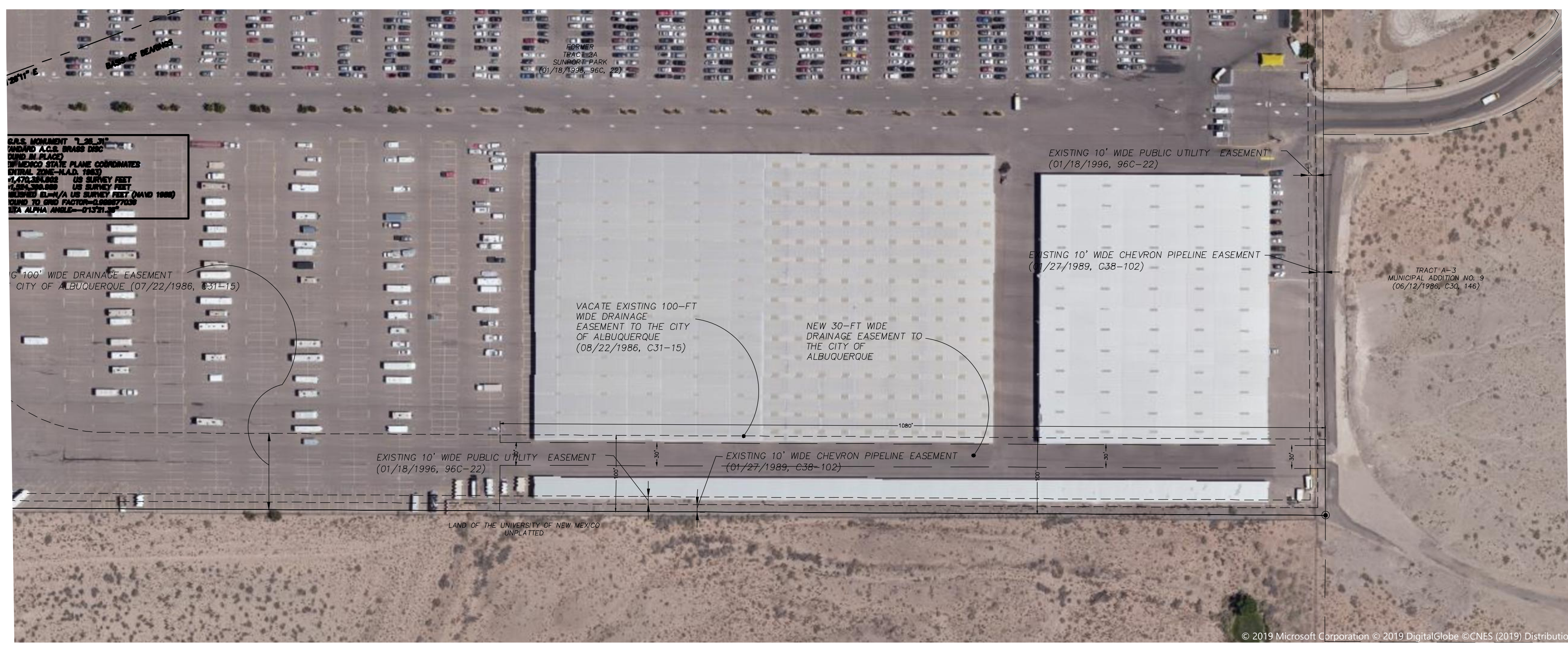


LEGAL DESCRIPTION:

PARCEL 2-A-1 SUNPORT PARK

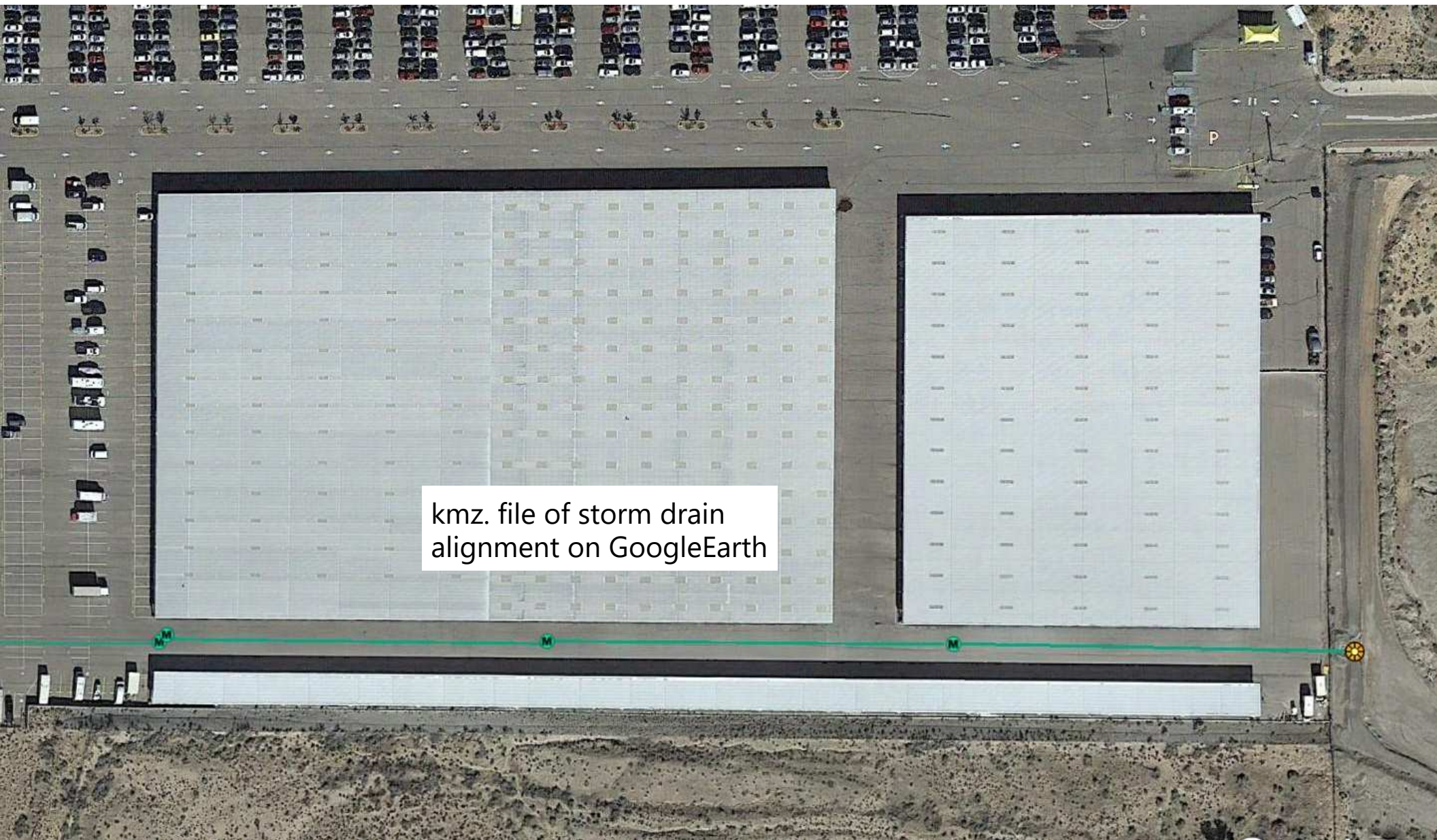
LEGEND

- CURB & GUTTER
- BOUNDARY LINE
- - - EASEMENT
- - - CENTERLINE
- ▭ BUILDING
- ▭ SIDEWALK
- ▭ RETAINING WALL
- ☼ EXISTING STREET LIGHTS
- STRIPING
- - - EXISTING CURB & GUTTER
- - - EXISTING BOUNDARY LINE
- ▭ EXISTING SIDEWALK
- ▭ CONCRETE PAVERS
- ▭ CLEAR SIGHT TRIANGLE



ENGINEER'S SEAL	SUNPORT PARKING 1501 AIRCRAFT AVE, NM	DRAWN BY RMG
PRELIMINARY NOT FOR CONSTRUCTION	ROW CONSTRUCTION EXHIBIT	DATE 11/14/2019
	TERRA WEST, LLC 5571 MIDWAY PARK PLACE NE ALBUQUERQUE, NM 87109 (505) 858-3100 www.tierrowestllc.com	2018005_ROW CONSTRUCTION EXHIBIT
		SHEET # C1
RONALD R. BOHANNAN P.E. #7868		JOB # 2018005

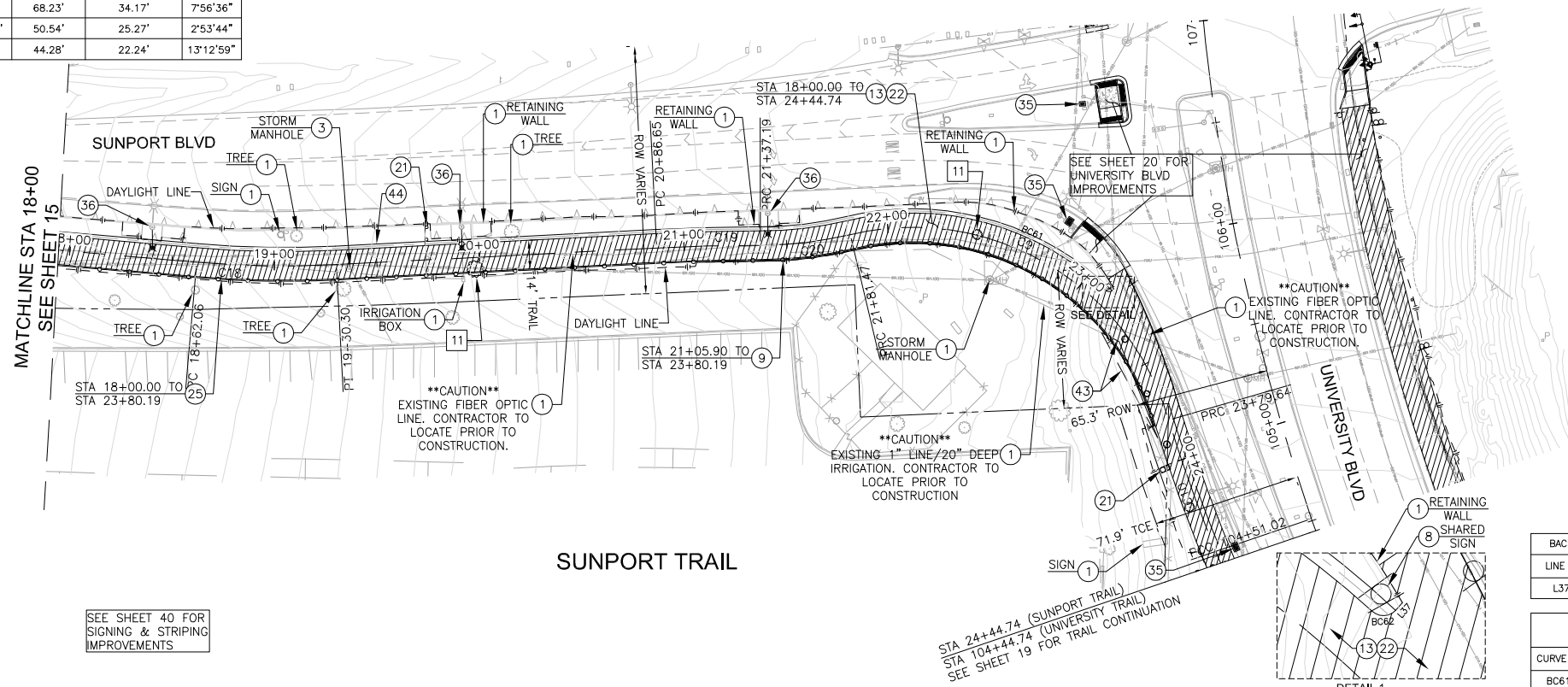
Z:\2018\2018005 Airport Parking_Sunport.dwg Construction Exhibit.dwg Nov 14, 2019 - 3:19pm



kmz. file of storm drain
alignment on GoogleEarth

TY Lin Half Scale.ctb
 Brandice Long
 9/9/2016 12:37:00 PM
 P:\CoA-University Bikeways\CAD\DLV\Phase 2\7956.92_PP4_02.dwg

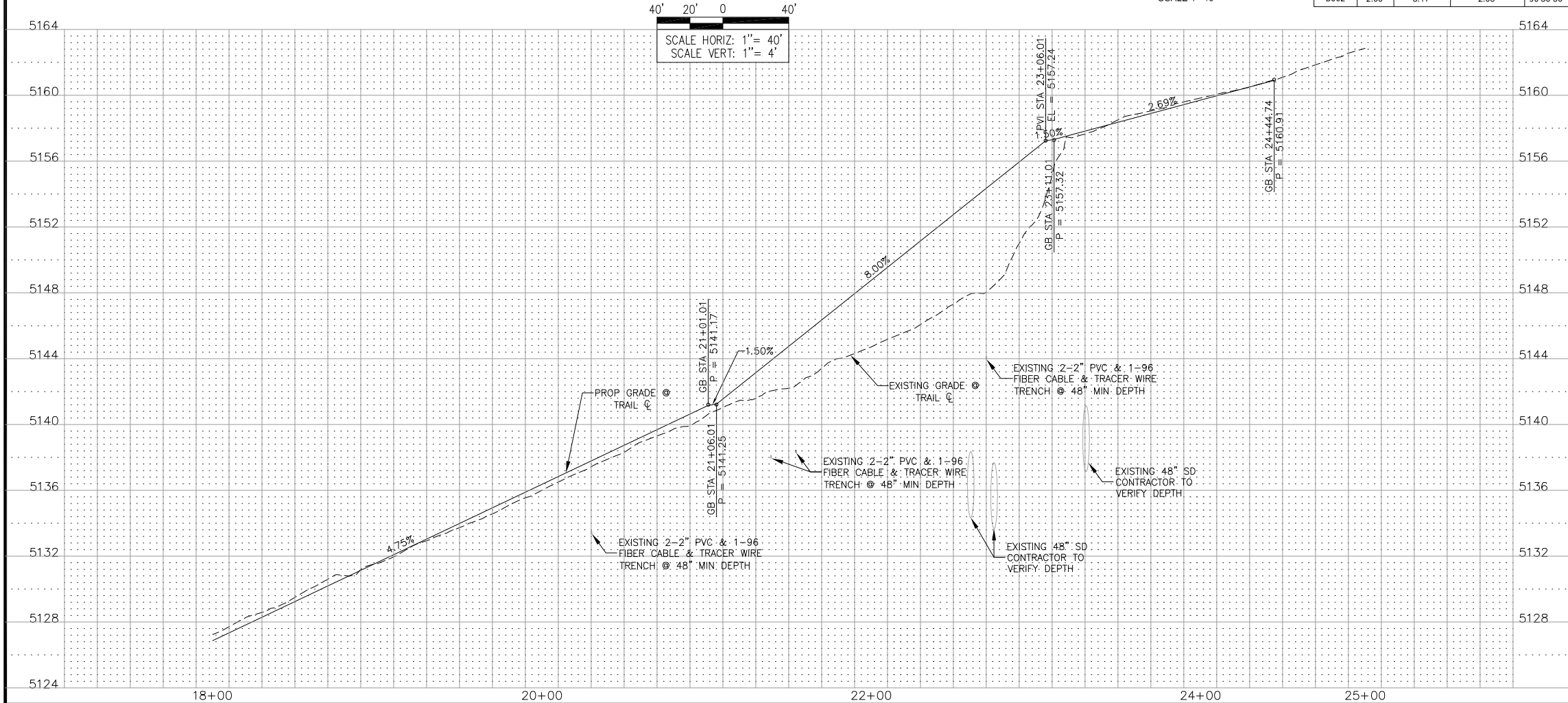
CURVE TABLE (C)				
CURVE #	RADIUS	ARC LENGTH	TANGENT LENGTH	DELTA
C9	130'	198.18'	124.08'	87°18'27"
C10	829'	305.12'	154.30'	21°05'17"
C18	492'	68.23'	34.17'	7°56'36"
C19	1000'	50.54'	25.27'	2°53'44"
C20	192'	44.28'	22.24'	13°12'59"



BACK OF CURB, SIDEWALK, OR TRAIL LINE TABLE		
LINE #	LENGTH	BEARING
L37	1.25	S42° 45' 04.74"W

BACK OF CURB, SIDEWALK, OR TRAIL CURVE TABLE (BC)				
CURVE #	RADIUS	ARC LENGTH	TANGENT LENGTH	DELTA
BC61	137.00'	136.42'	74.47'	57°03'15"
BC62	2.00'	3.17'	2.03'	90°50'56"

EXISTING ELEVATION @ C	
STATION	ELEVATION
18+00	5127.25
18+25	5128.44
18+50	5129.51
18+75	5130.89
19+00	5131.56
19+25	5132.78
19+50	5133.74
19+75	5134.83
20+00	5136.01
20+25	5137.19
20+50	5138.32
20+75	5139.49
21+00	5140.56
21+25	5141.46
21+50	5142.21
21+75	5143.81
22+00	5144.72
22+25	5145.79
22+50	5147.31
22+75	5148.49
23+00	5152.40
23+25	5157.52
23+50	5158.52
23+75	5159.16
24+00	5159.83
24+25	5160.39



REMOVAL/RELOCATE		CONSTRUCTION NOTES	
11	REMOVE & DISPOSE EXISTING TREE	2	EA
1	PROTECT IN PLACE		
3	ADJUST TO GRADE	1	EA
8	INSTALL NEW SIGN POST PER DETAIL ON SHEET 34 & 35 AND NEW SIGN PER SHEET 40		
9	CONSTRUCT NEW RETAINING WALL, PER NMDOT STANDARD DETAIL 511-80-X/3 ON SHEETS 51-54. SEE SHEET 45 FOR PROFILE GRADES.	1,057	SY
13	CONSTRUCT ASPHALT TRAIL, SEE PLAN VIEW FOR WIDTH, SEE TYP FOR PVMT SECTION SHEET 6	1,057	SY
21	RELOCATED SIGN PER SHEET 40 WITH SIGN POST PER DETAIL ON SHEET 34 & 35		
22	SUBGRADE PREPARATION		
25	INSTALL NEW PEDESTRIAN SCREENING FENCE TYPE 2 TO TOP OF RETAINING WALL, PER NMDOT STD DETAILS ON SHEET 48-50. INSTALL FOOTINGS PER DETAIL 1 ON SHEET 50 WHERE FENCE IS NOT ON RETAINING WALL.	572	LF
35	CONSTRUCT NEW PULL BOX, SEE TRAFFIC SIGNAL SHEETS 98-121		
36	CONSTRUCT NEW LIGHT POLE, SEE LIGHTING SHEETS 84-97		
43	REMOVE EXISTING IRRIGATION LINE AND INSTALL NEW 1" IRRIGATION LINE PER DETAIL ON SHEET 64		
44	CONSTRUCT COA ALLEY GUTTER PER STD DWG 2415A, INCLUDING SUBGRADE	518	LF

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	DATE	NO.	BY	NO.	DATE	REVISIONS	DESIGN

NO.	DATE	REMARKS	BY

DESIGNED BY: B.LONG DATE: 09/2016
 DRAWN BY: B.LONG DATE: 09/2016
 CHECKED BY: E.FROBERG DATE: 09/2016

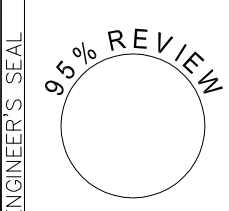
TY LIN INTERNATIONAL
 engineers | planners | scientists
 500 4th Street NW Suite 403
 Bank of America Centre
 Albuquerque, NM 87102

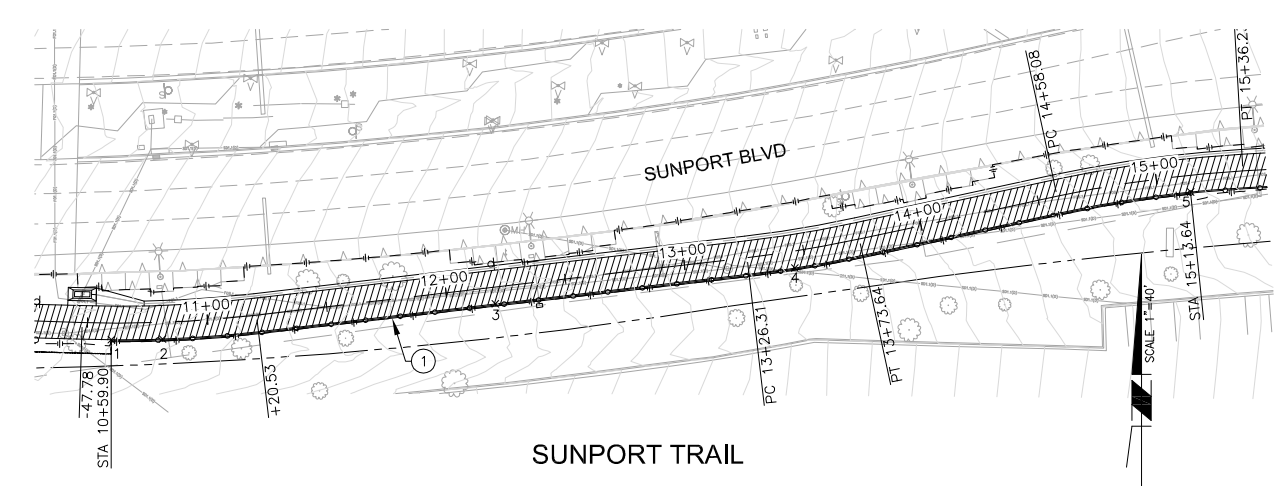
CITY OF ALBUQUERQUE
 MUNICIPAL DEVELOPMENT DEPARTMENT
 ENGINEERING DIVISION

TITLE: **UNIVERSITY BLVD BIKEWAYS - PHASE 2**
 PLAN & PROFILE
 SUNPORT TRAIL STA 18+00 TO 25+00

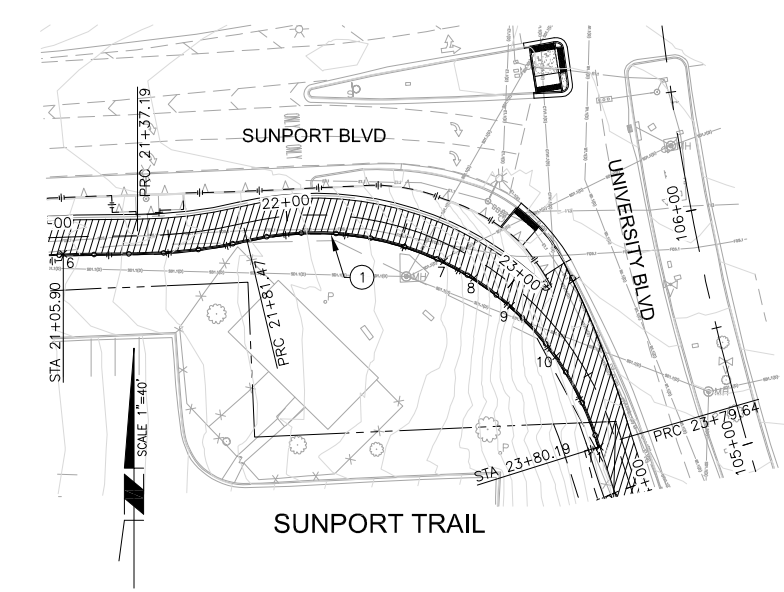
Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.

City Project No. 7956.92 (A300111) Zone Map No. L15, M15 Sheet 16 Of 140

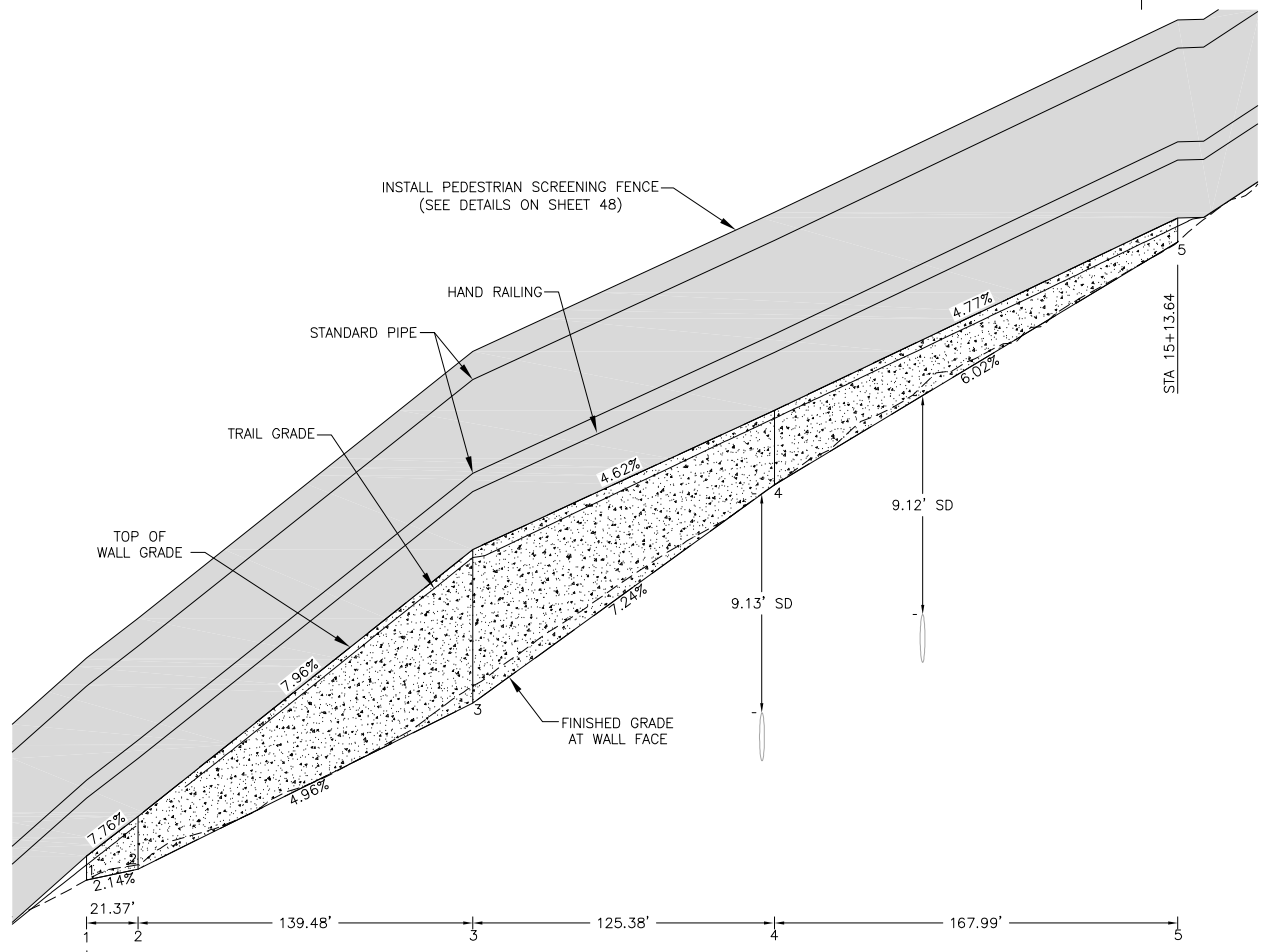




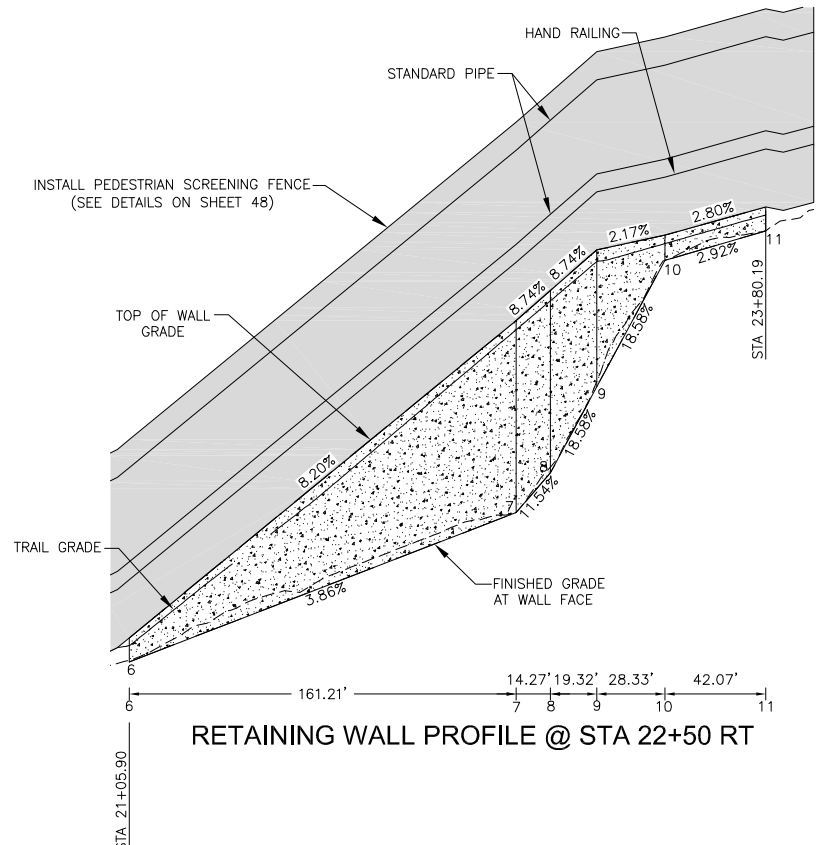
SUNPORT TRAIL



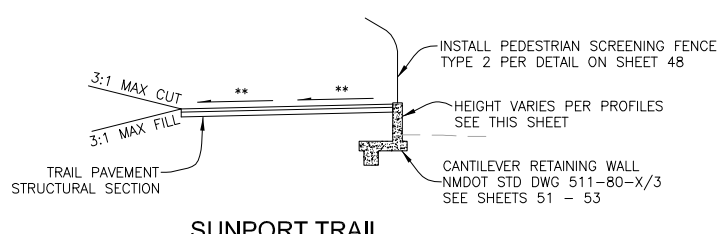
SUNPORT TRAIL



RETAINING WALL PROFILE @ STA 13+00 RT



RETAINING WALL PROFILE @ STA 22+50 RT



SUNPORT TRAIL

** 1.5% TYPICAL
2.0% MAX.

CONSTRUCTION NOTES

1 CONSTRUCT RETAINING WALL PER NMDOT STANDARD DRAWINGS 511-81-1/3 788.96 LF/ THRU 511-81-3/3, SEE SHEETS 51 & 2,105 SF 53

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	DATE	NO.	BY	NO.	DATE	NO.	DATE

RETAINING WALL POINTS				
POINT #	NORTHING	EASTING	TOP OF WALL	FINISHING GROUND
1	1473217.71	1525676.91	5083.86	5082.86
2	1473218.67	1525698.26	5085.52	5083.32
3	1473237.43	1525836.45	5096.63	5090.23
4	1473256.14	1525960.70	5102.43	5099.33
5	1473292.77	1526124.57	5110.44	5109.44
6	1473320.58	1526714.71	5141.68	5140.68
7	1473322.36	1526873.40	5154.90	5146.90
8	1473315.80	1526886.06	5156.15	5148.54
9	1473304.66	1526901.82	5157.83	5152.13
10	1473284.22	1526921.34	5158.45	5157.40
11	1473247.03	1526940.56	5159.62	5158.62

95% REVIEW

NO.	DATE	REMARKS	BY
		DESIGN	

TY LIN INTERNATIONAL
 engineers | planners | scientists
 500 4th Street NW Suite 403
 Bank of America Centre
 Albuquerque, NM 87102

CITY OF ALBUQUERQUE
 MUNICIPAL DEVELOPMENT DEPARTMENT
 ENGINEERING DIVISION

TITLE: UNIVERSITY BLVD BIKEWAYS - PHASE 2
 RETAINING WALL DETAILS

Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.

City Project No.	Zone Map No.	Sheet	Of
7956.92 (A300111)	L15, M15	45	140



125 SOUTHBOUND
125 RAMP

125 SOUTHBOUND
125 RAMP
125 NORTHBOUND
125 RAMP

125 RAMP
125 RAMP
125 RAMP

EDMUND
AMAFCA

WOODWARD
1350
TRANSPORT

SUNPORT
1590

SUNPORT

SUNPORT
26-4044.90-98
26-4044.90-98

26-589.90
26-5657.82-98

26-4044.90-98

26-4044.90-98

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26-4044.90-98

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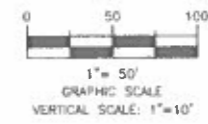
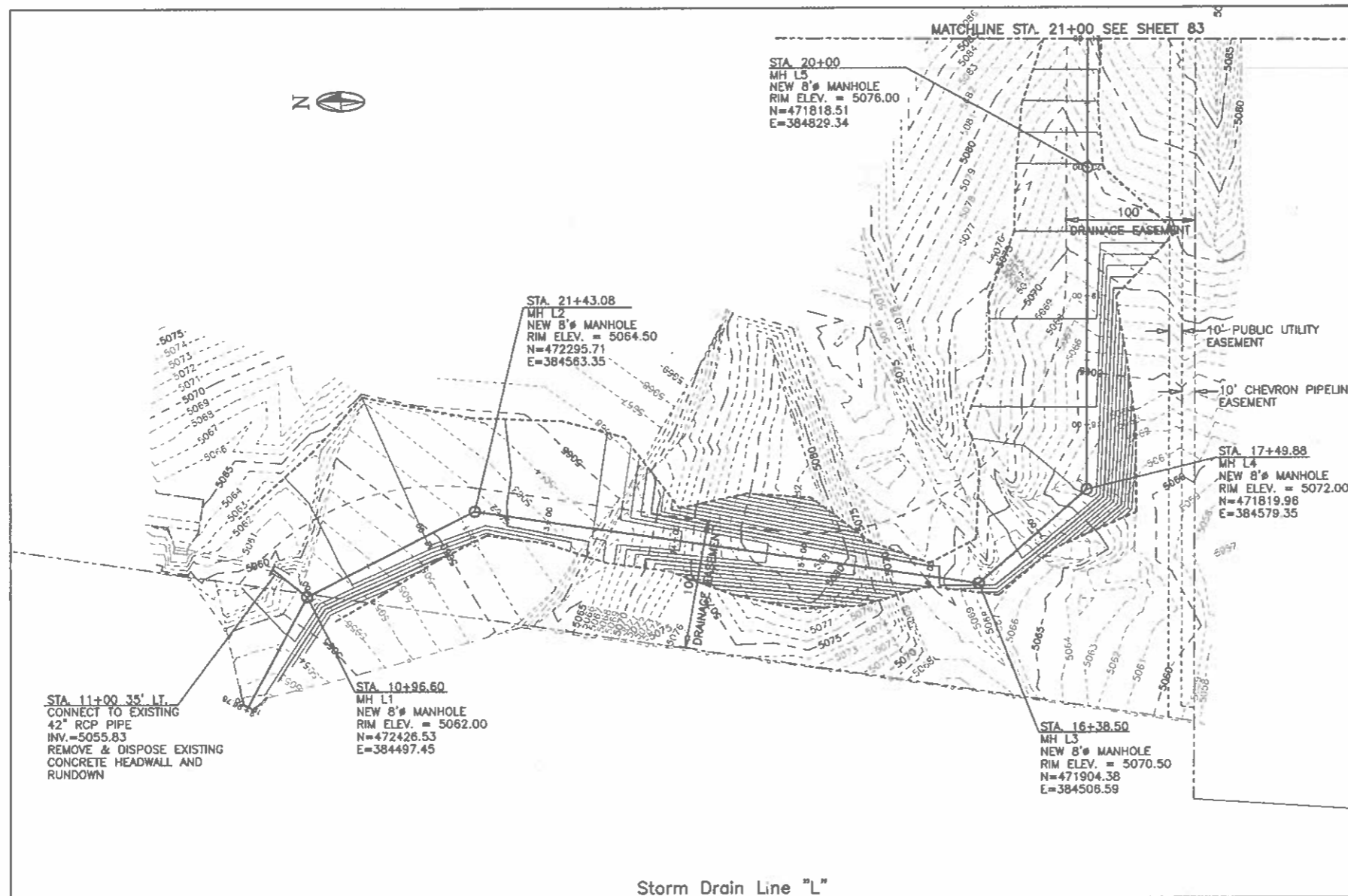
26-5922.01-02

AIRCRAFT
UNIVERSITY

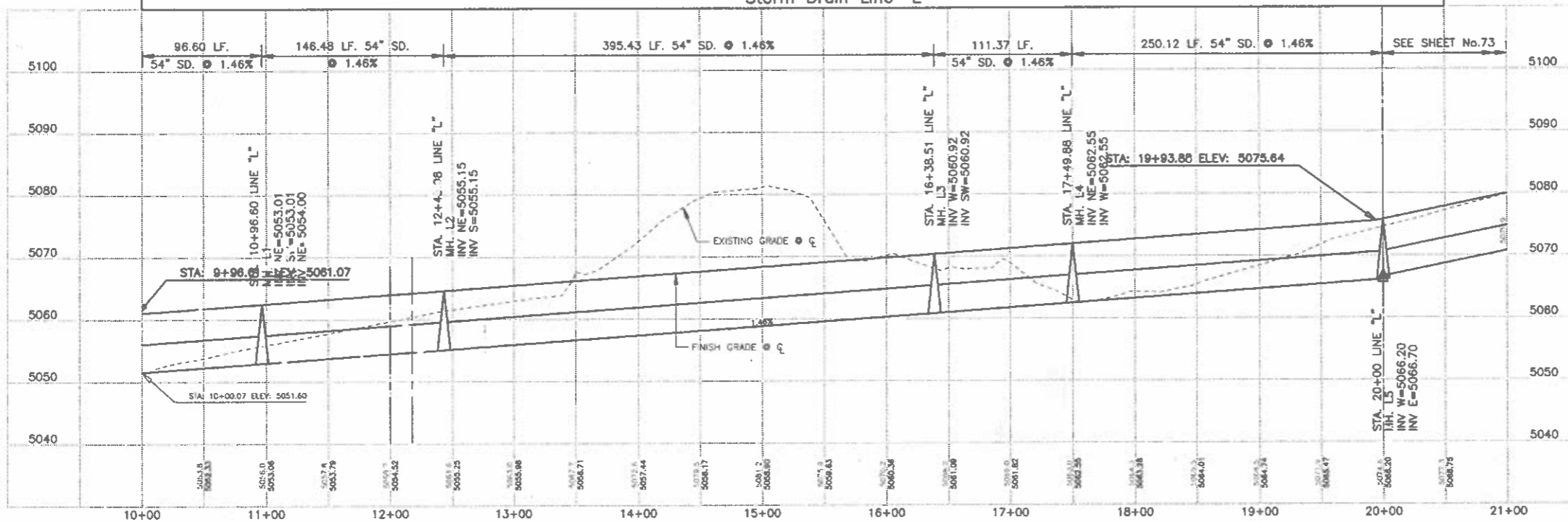
GEORGE

UNIVERSITY

SPIRIT



- LEGEND**
- PROPOSED S.D. MANHOLE
 - PROPOSED TYPE "D" DROP INLET
 - ▭ PROPOSED TYPE "A" DROP INLET
 - ▭ PROPOSED FILTER DAM
 - ▭ PROPOSED RIP-RAP
 - ▭ PROPOSED S.C. LINE AND SIZE
- NOTE:
ALL DROP INLETS ARE TYPE
"A" OR TYPE "D" UNLESS
OTHERWISE NOTED ON THE
LAYOUT PLAN



AS BUILT INFORMATION	
CONTRACTOR	DATE
DESIGNED BY	DATE
DRAWN BY	DATE
CHECKED BY	DATE
RECORDED BY	DATE

BENCH MARKS	
"1"-N16 RESET, AN ACS ALUMINUM CAP APPROX. S 10' E 1180 FT. FROM THE INTERSECTION OF EXISTING ACCESS ROAD "B" AND CLARK CARR BLVD; AND APPROX. 100 FT. SSE OF A CHAIN LINK GATE ALIGNED EAST TO WEST. ELEV. = 5308.73	

SURVEY INFORMATION	
FIELD NOTES	DATE
By	DATE
URS GREINER	12/98
WOODWARD CLYDE THRU	2/99

ENGINEER'S SEAL	
No.	2050
By	URS GREINER
Checked By	URS GREINER
Date	4/99
Drawn By	M/C STAFF
Checked By	JMP
Date	4/99
Date	4/99

REVISIONS	
No.	Remarks
	DESIGN

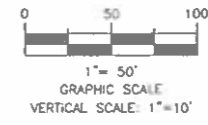
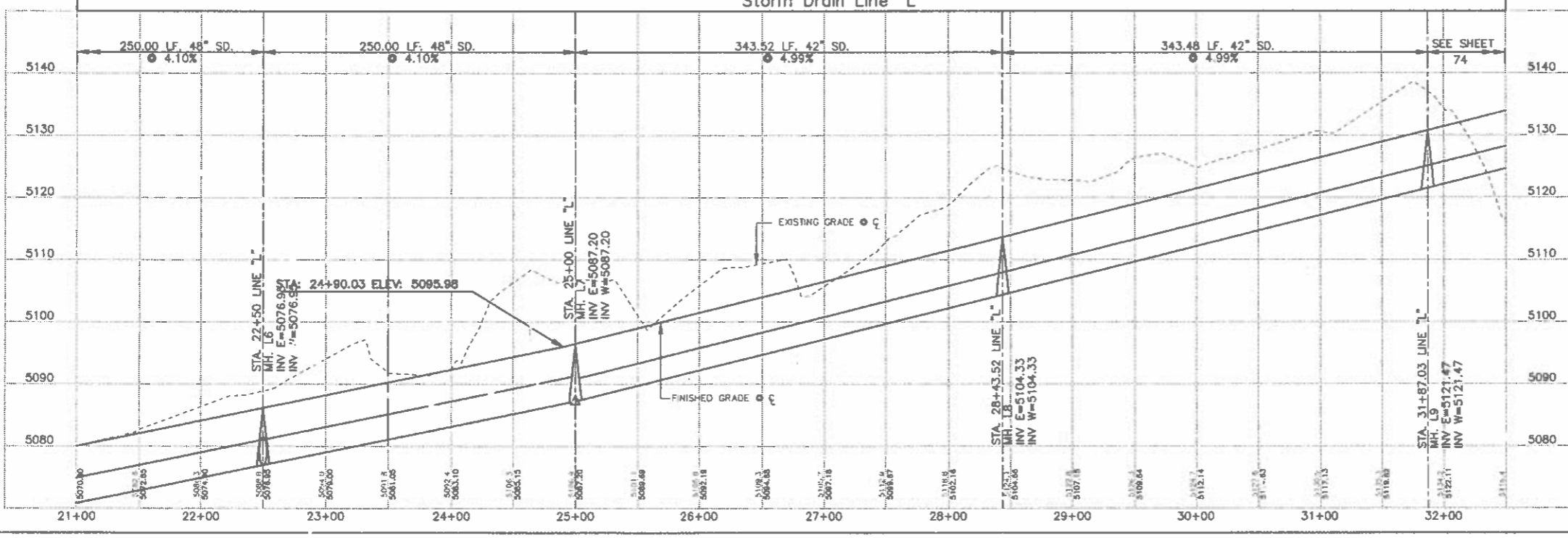
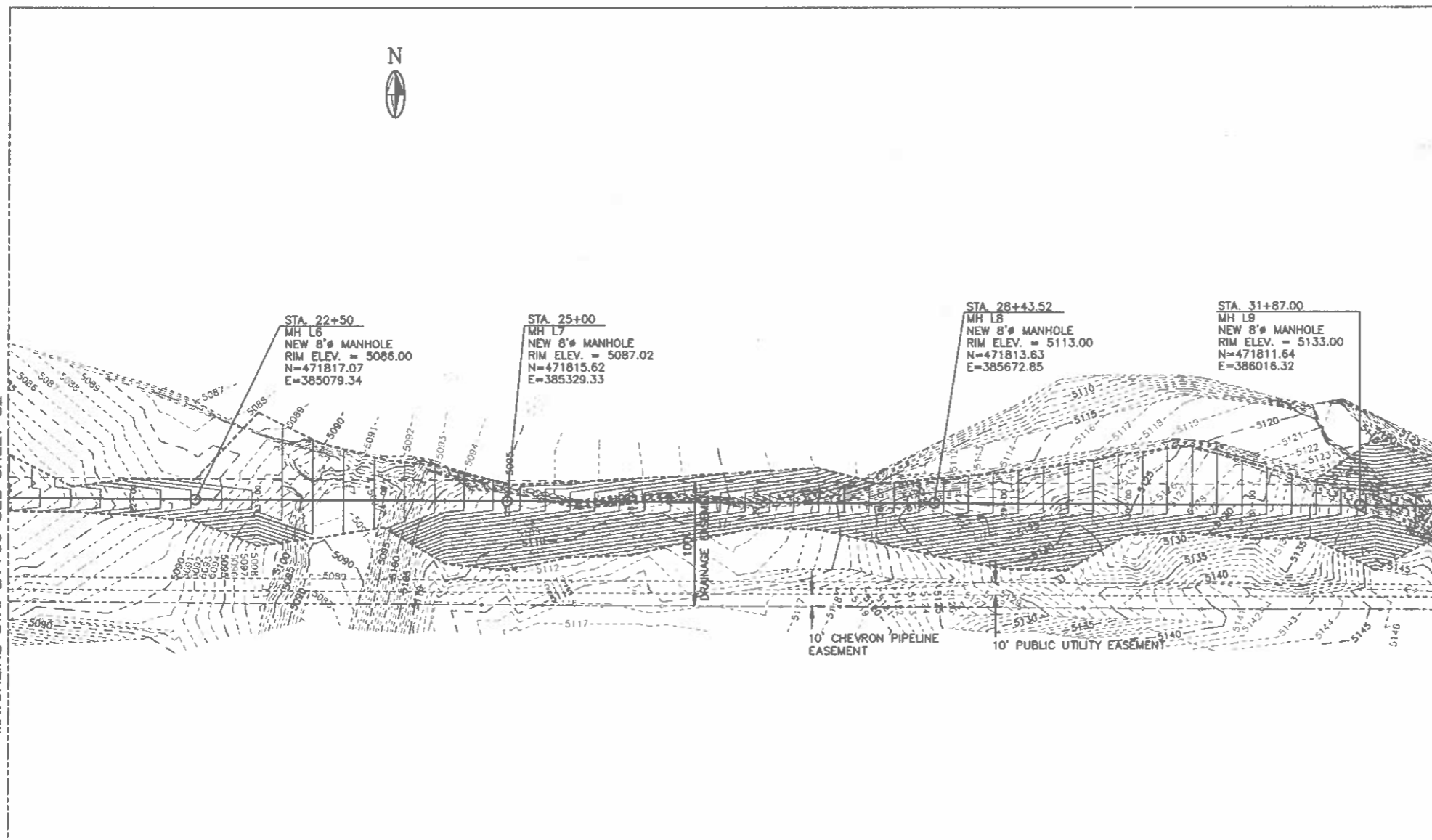
MOIZEN-CORBIN & Associates ENGINEERS/ARCHITECTS/PLANNERS URS Greiner Woodward Clyde 5971 JEFFERSON BLVD. NE SUITE 101 ALBUQUERQUE, NM 87109 (505) 345-3999	
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP TITLE: UNIVERSITY BOULEVARD/ACCESS ROAD B Storm Drain Line "L" Sta. 10+00 to Sta. 21+00	
JUN 15 1999 DESIGN COMMITTEE	JUN 15 1999 APPROVED CITY ENGINEER
City Project No. 5922.91	Zone Map No. M15,N15
Sheet 82	Of 104

E30000147101 curorpp 06-14-99

E30000147101 curarrp2 06-14-99

MATCHLINE STA. 21+00 SEE SHEET 82

MATCHLINE STA. 32+50 SEE SHEET 84



- LEGEND**
- PROPOSED S.D. MANHOLE
 - PROPOSED TYPE "D" DROP INLET
 - ▩ PROPOSED TYPE "A" DROP INLET
 - ▬ PROPOSED FILTER DAM
 - ▨ PROPOSED RIP-RAP
 - 24" PROPOSED S.D. LINE AND SIZE

NOTE:
ALL DROP INLETS ARE TYPE "A" OR TYPE "D" UNLESS OTHERWISE NOTED ON THE LAYOUT PLAN

AS BUILT INFORMATION	
CONTRACTOR	DATE
BY	DATE
BY	DATE
BY	DATE
BY	DATE
BY	DATE
BY	DATE

SURVEY INFORMATION	
FIELD NOTES	DATE
By	DATE
By	DATE
By	DATE
By	DATE

ENGINEER'S SEAL

KEITH S. FREIER
NEW MEXICO
8182
REGISTERED PROFESSIONAL ENGINEER

MOLZEN-CORBIN & Associates
ENGINEERS, ARCHITECTS, PLANNERS
URS Greiner Woodward Clyde
5971 JEFFERSON BLVD. NE
SUITE 101
ALBUQUERQUE, NM 87109
(505) 345-3999

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

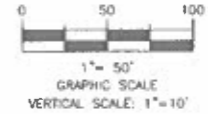
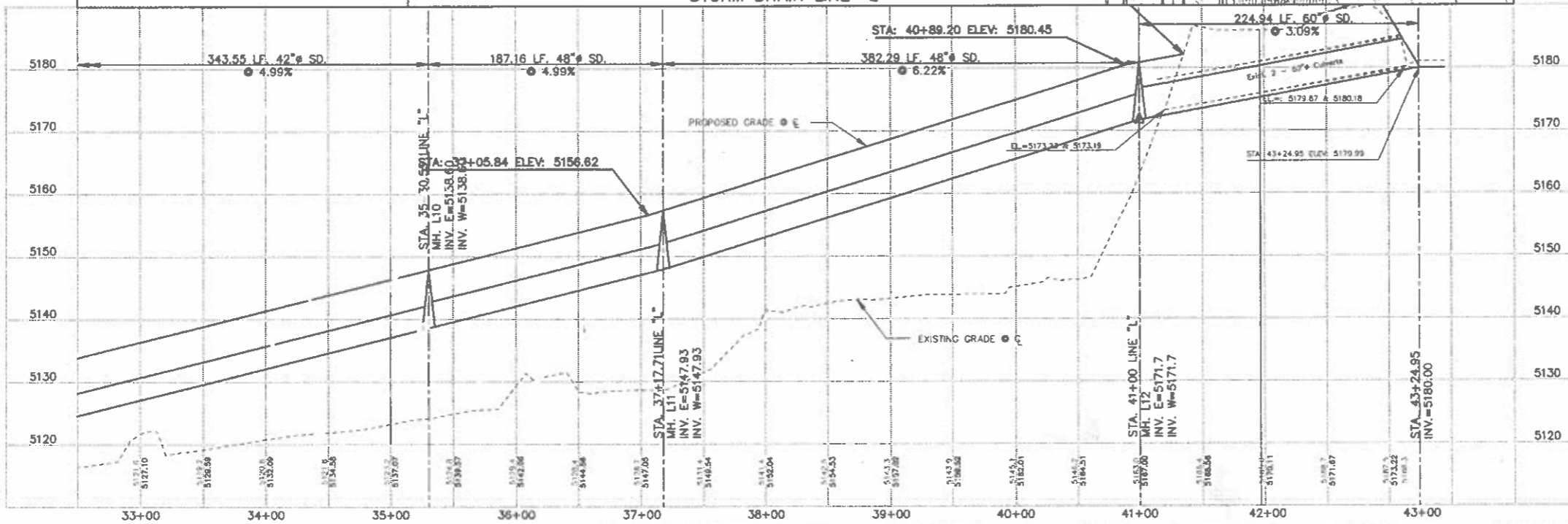
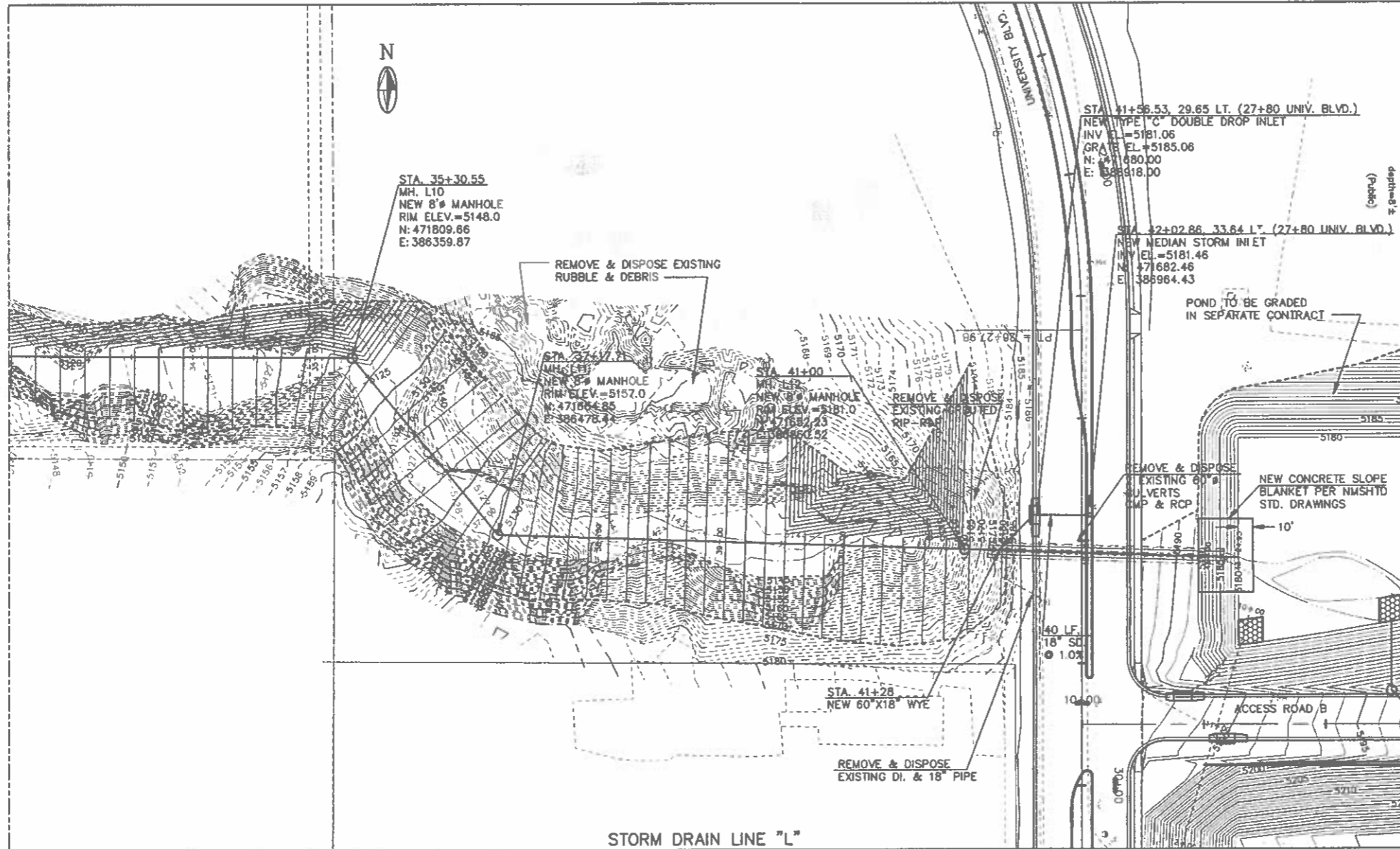
**TITLE: UNIVERSITY BOULEVARD/ACCESS ROAD B
Storm Drain Line "L"
Sta. 21+00 to Sta. 32+50**

DESIGNED BY: [Signature]
DRAWN BY: [Signature]
CHECKED BY: [Signature]

City Project No. **5922.91** Zone Map No. **M15,N15** Sheet **83** Of **104**

E30000147101 currrp3 06-14-99

MATCHLINE STA. 32+50 SEE SHEET 83



- LEGEND**
- PROPOSED S.D. MANHOLE
 - PROPOSED TYPE "D" DROP INLET
 - ▭ PROPOSED TYPE "A" DROP INLET
 - ▭ PROPOSED FILTER DAM
 - ▭ PROPOSED RIP-RAP
 - 24" PROPOSED S.D. LINE AND SIZE
- NOTE:
ALL DROP INLETS ARE TYPE "A" OR TYPE "D" UNLESS OTHERWISE NOTED ON THE LAYOUT PLAN

MOLZEN-CORBIN & Associates
 URS Greiner Woodward Clyde
 5971 JEFFERSON BLVD. NE
 SUITE 101
 ALBUQUERQUE, NM 87109
 (505) 345-3999

CITY OF ALBUQUERQUE
 PUBLIC WORKS DEPARTMENT
 ENGINEERING DEVELOPMENT GROUP

TITLE: **UNIVERSITY BOULEVARD/ACCESS ROAD B
 Storm Drain Line "L"
 Sta. 32+50 to E.O.P.**

City Project No. **5922.91** Zone Map No. **M15, N15** Sheet **84** Of **104**

Designed By: KSF
 Drawn By: M/C STAFF
 Checked By: JJP

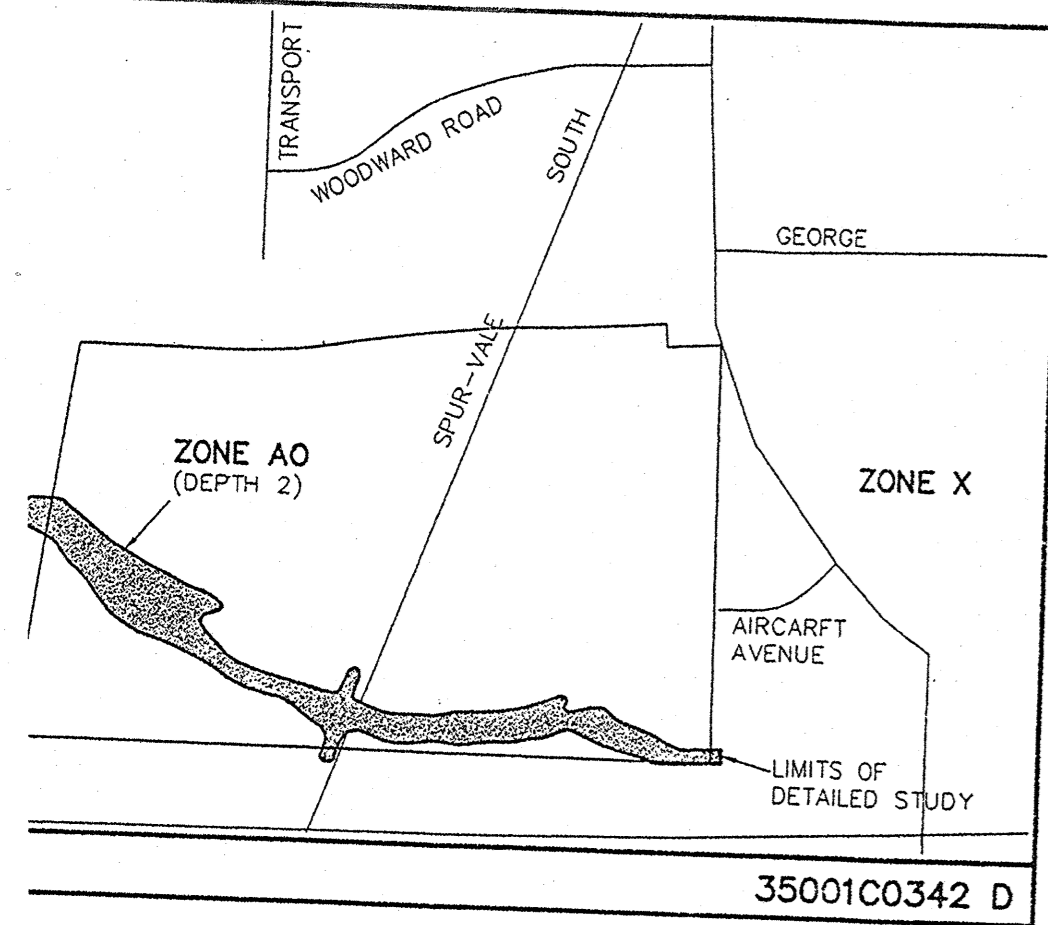
Remarks: REVISIONS DESIGN

Date: 4/99
 Date: 4/99
 Date: 4/99

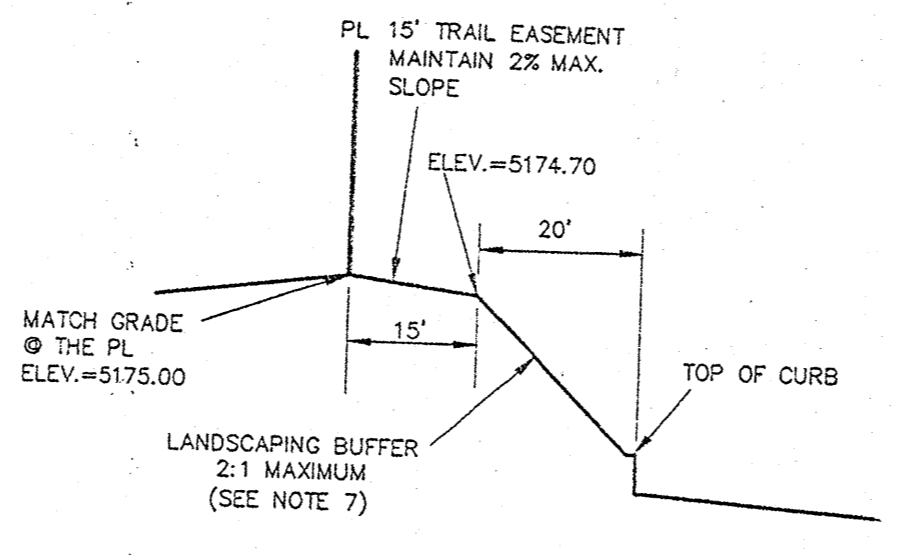
SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
No.	Date	Date	BY	Date	BY
2050	12/98	12/98	URS GREINER WOODWARD CLYDE		
	2/99	2/99	WOODWARD CLYDE		

FIELD NOTES: "1"-N16 RESET. AN ACS ALUMINUM CAP APPROX. S 10' E 1180 FT. FROM THE INTERSECTION OF EXISTING ACCESS ROAD "B" AND CLARK CARR BLVD. AND APPROX. 100 FT. SSE OF A CHAIN LINK GATE ALIGNED EAST TO WEST. ELEV. = 5308.73

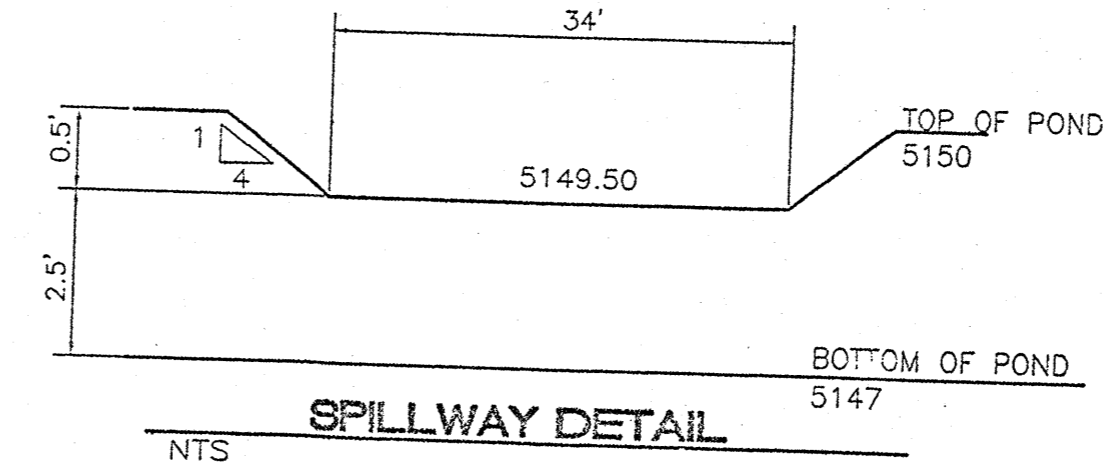
ENGINEER'S SEAL: *Keith S. Freiler*
 KEITH S. FREILER
 NEW MEXICO
 8182
 REGISTERED PROFESSIONAL ENGINEER



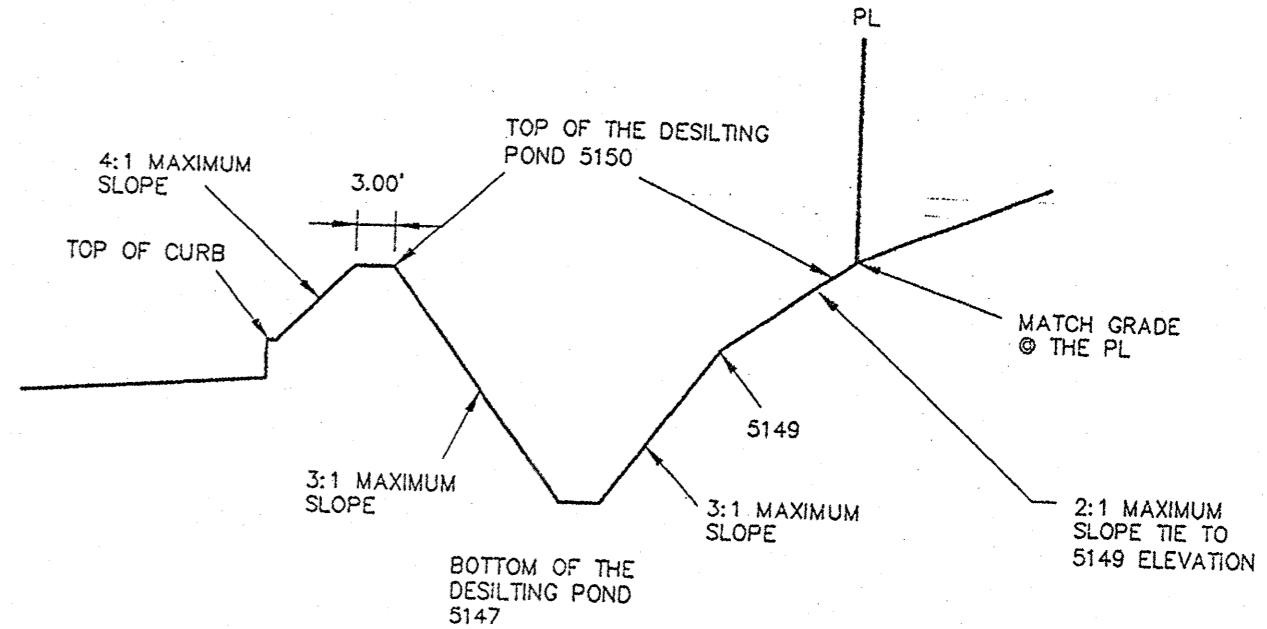
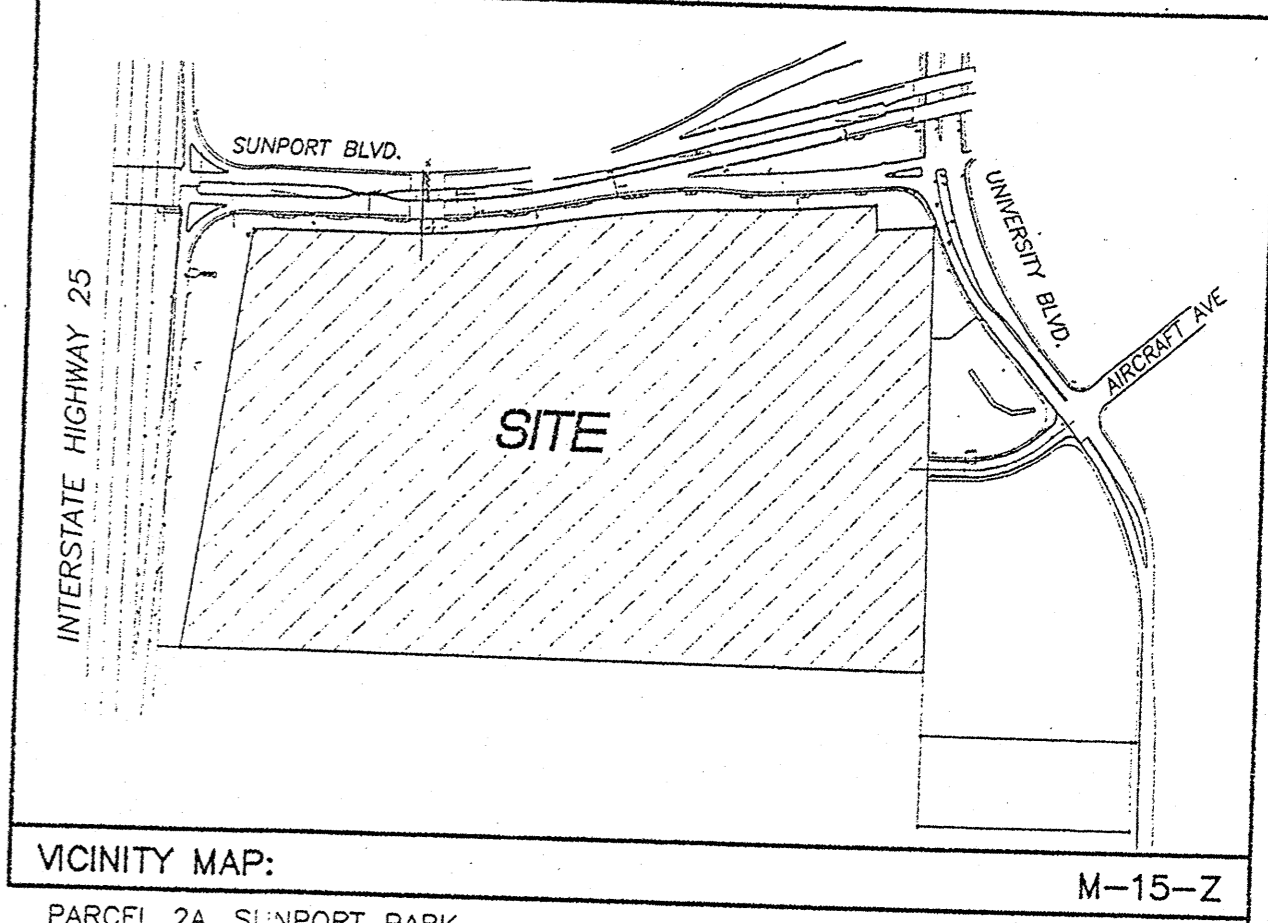
- GENERAL NOTES:**
- 1: ADD 5000 TO SPOT ELEVATIONS TO SHOW TRUE ELEVATION.
 - 2: CONTOUR INTERVAL IS ONE (1) FOOT.
 - 3: UTILITIES SHOWN HEREON ARE IN THEIR APPROXIMATE LOCATION BASED ONLY ON ABOVE GROUND EVIDENCE FOUND IN THE FIELD AND AS-BUILT INFORMATION PROVIDED BY THE CLIENT. UTILITIES SHOWN HEREON, WHETHER INDICATED AS ABANDONED OR NOT, SHALL BE VERIFIED BY OTHERS FOR EXACT LOCATION AND/OR DEPTH PRIOR TO EXCAVATION OR DESIGN CONSIDERATIONS.
 - 4: THIS IS NOT A BOUNDARY SURVEY, BEARINGS ARE ASSUMED, DISTANCES AND FOUND PROPERTY CORNERS ARE FOR INFORMATIONAL PURPOSES ONLY.
 - 5: SLOPES ARE AT 2:1 MAXIMUM.
 - 6: ALL EXISTING STRUCTURES SUCH AS STORM SEWER AND SANITARY SEWER MANHOLES NEED TO BE ADJUSTED TO NEW GRADES.
 - 7: SLOPE EXCEEDING 3:1 SHOULD BE PROTECTED BY EROSION BLANKET OR LANDSCAPING ROCKS (DESIGNED BY THE LANDSCAPING ARCHITECT).



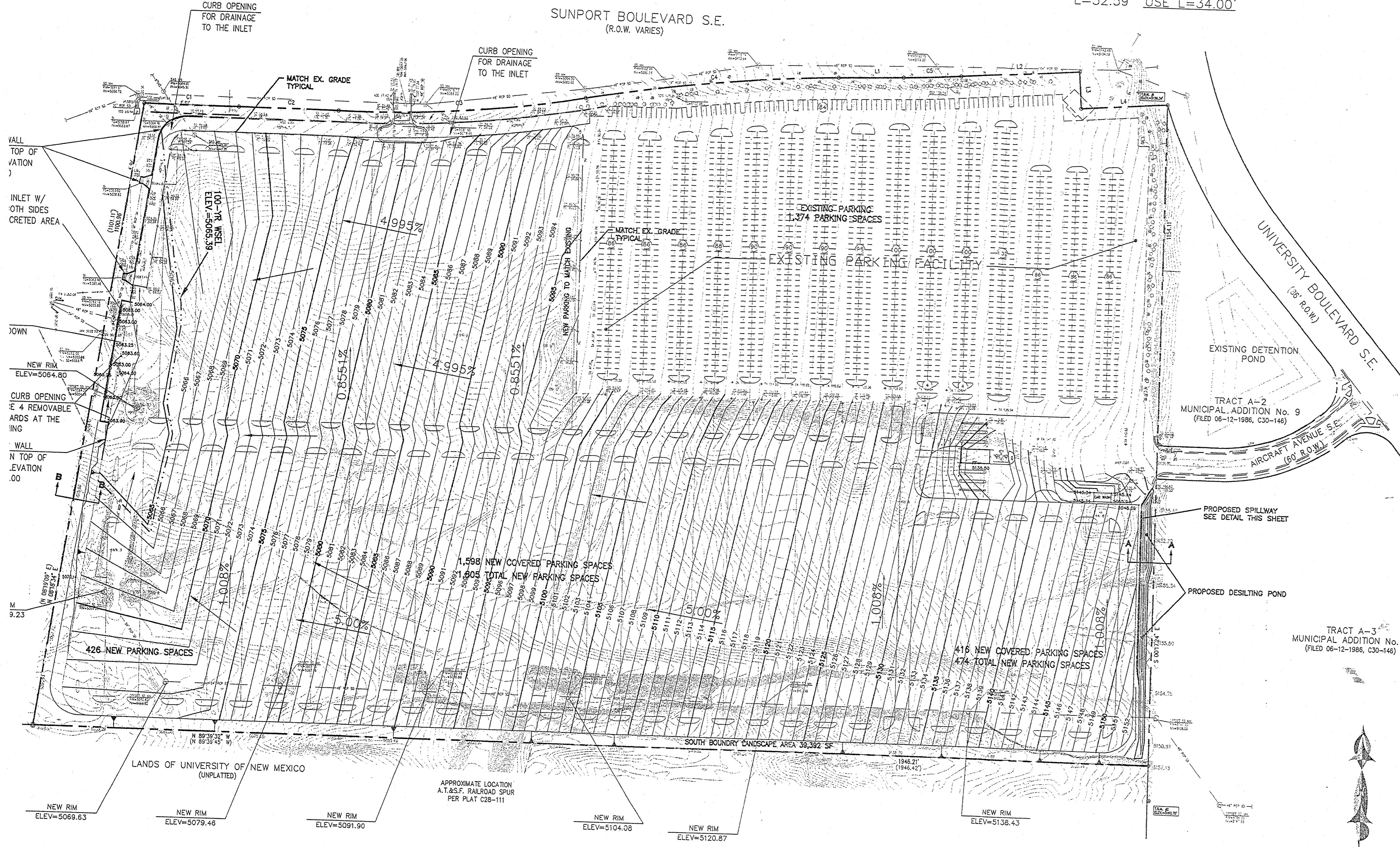
SECTION B-B
NTS



SPILLWAY CALCULATIONS
 $Q = CLH^{3/2}$
 $L = Q/CH^{3/2}$
 $L = 31.69 / (2.75 \times 0.50^{3/2})$
 $L = 32.59$ USE $L = 34.00'$



SECTION A-A
NTS



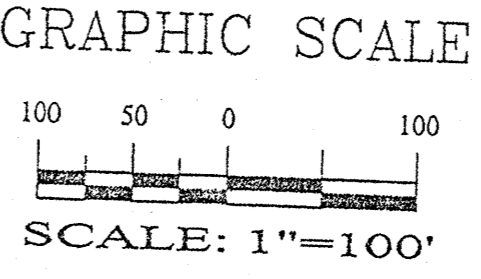
LEGEND

	EXISTING SAS MANHOLE
	EXISTING METER
	EXISTING VALVE W/BOX
	EXISTING FIRE HYDRANT
	EXISTING AIR RELEASE VALVE
	EXISTING REDUCER
	EXISTING SANITARY SEWER LINE
	EXISTING WATER LINE
	EXISTING CURB & GUTTER
	EXISTING CURB & GUTTER
	EXISTING CONTOUR (MAJOR)
	EXISTING CONTOUR (MINOR)
	BOUNDARY LINE
	EASEMENT
	LIMITS OF TOP OF EXISTING SLOPE
	PROPOSED SIDEWALK
	PROPOSED GRADE
	PROPOSED SPOT ELEVATION
	EXISTING GRADE
	EXISTING POWER LINES

ALBUQUERQUE BUILDING & SAFETY
NOV 0 1 2000
U.B.C. PLAN CHECK SECTION

SHAHAB BIAZAR
REGISTERED PROFESSIONAL ENGINEER
P.E. #13479

ADVANCED ENGINEERING and CONSULTING, LLC
10205 SNOWFLAKE CT., NW
ALBUQUERQUE, NEW MEXICO 87114
(505)899-5570



SUNPORT PARK
OVERALL GRADING AND DRAINAGE PLAN

DRAWING: 2008-OVERALL.DWG	DRAWN BY: SBB	DATE: 03-23-2000	SHEET # 1 OF 5
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Shahab Biazar
ROUGH GRADING APPROVAL
7-27-00
DATE

LAST REVISION: 04-25-2000