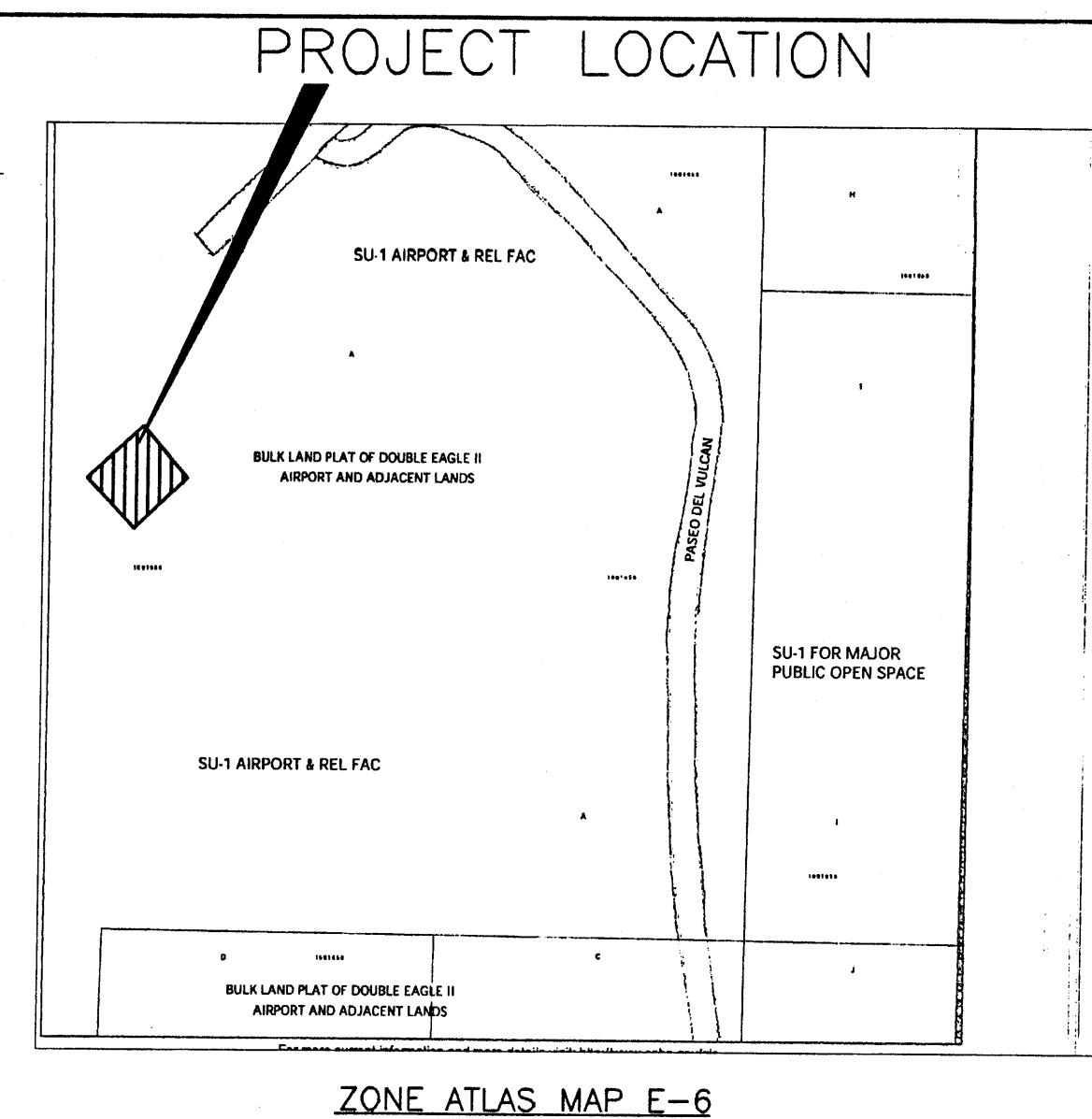
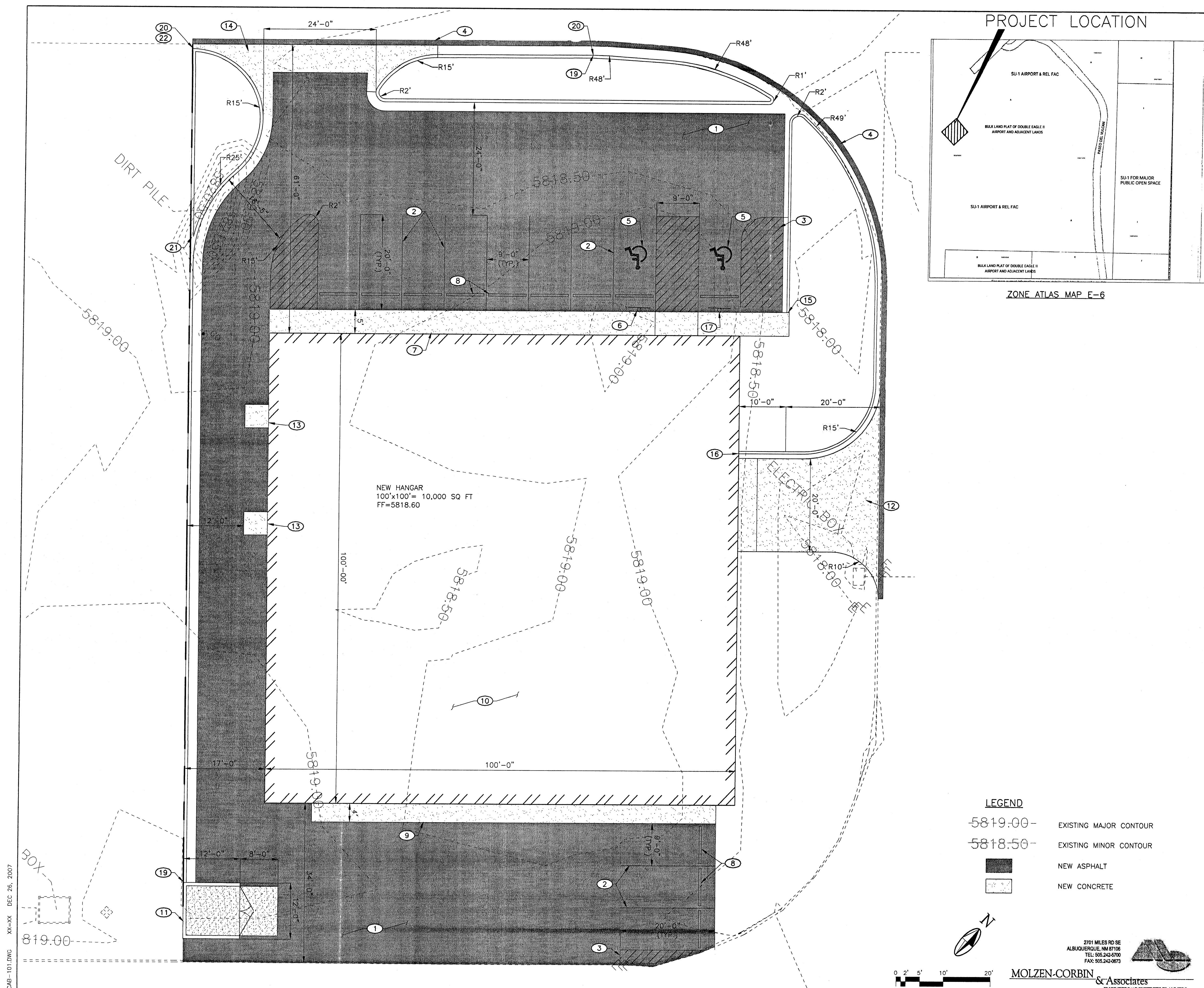




- | KEYED NOTES | | AS BUILT INFORMATION | | BENCH MARKS | | SURVEY INFORMATION | |
|-------------|---|--------------------------|--|-------------|--|--------------------|--|
| | | CONTRACTOR
STAKED BY | | DATE | | FIELD NOTES | |
| | | INSPECTOR'S
FIELD | | DATE | | BY | |
| | | VERIFICATION BY
FIELD | | DATE | | | |
| | | CORRECTED BY | | DATE | | | |
| | | MICRO-FILM INFORMATION | | RECORDED BY | | DATE | |
| | | NO. | | | | | |
| 1 | INSTALL 3" ASPHALT SEE DETAIL SHEET C-501 | | | | | | |
| 2 | INSTALL 4" WHITE PARKING STRIPE | | | | | | |
| 3 | INSTALL 4" YELLOW PARKING STRIPE | | | | | | |
| 4 | SAWCUT, REMOVE DISPOSE & REPLACE 243± LF
12" ASPHALT STRIP MATCH EXISTING DEPTH | | | | | | |
| 5 | INSTALL ADA BLUE HANDICAP PARKING SYMBOL | | | | | | |
| 6 | INSTALL ADA PARKING SIGN | | | | | | |
| 7 | INSTALL 5'-0" CIP CONCRETE SIDEWALK SEE
DETAIL SHEET C-501 | | | | | | |
| 8 | INSTALL 6"x6"x8' CONCRETE WHEEL STOP | | | | | | |
| 9 | INSTALL 4'-0" CIP CONCRETE SIDEWALK SEE
DETAIL SHEET C-501 | | | | | | |
| 10 | NEW AIRCRAFT HANGER - BY OTHERS | | | | | | |
| 11 | INSTALL NEW TRASH ENCLOSURE SEE DETAIL SHEET
C-501 | | | | | | |
| 12 | INSTALL 6" CONCRETE APRON | | | | | | |
| 13 | INSTALL 5'-0"x 5'-0" CONCRETE STOOP REFER
TO ARCHITECTURAL SHEETS FOR EXACT LOCATION | | | | | | |
| 14 | INSTALL PRIVATE ENTRANCE PER COA STD
DWG 2426 | | | | | | |
| 15 | BEGIN MEDIAN CURB & GUTTER INSTALLATION PER
COA STD DWG 2415B | | | | | | |
| 16 | END MEDIAN CURB & GUTTER INSTALLATION | | | | | | |
| 17 | INSTALL ADA "VAN ACCESSIBLE" PARKING SIGN | | | | | | |
| 18 | TAPER CURB & GUTTER AT 3:1 SEE DETAIL SHEET
C-501 | | | | | | |
| 19 | BEGIN STANDARD CURB & GUTTER INSTALLATION
PER COA STD DWG 2415A | | | | | | |
| 20 | END STANDARD CURB & GUTTER INSTALLATION | | | | | | |
| 21 | BEGIN HEADER CURB PER COA STD DWG 2415A | | | | | | |
| 22 | END HEADER CURB | | | | | | |

GENERAL SHEET NOTES

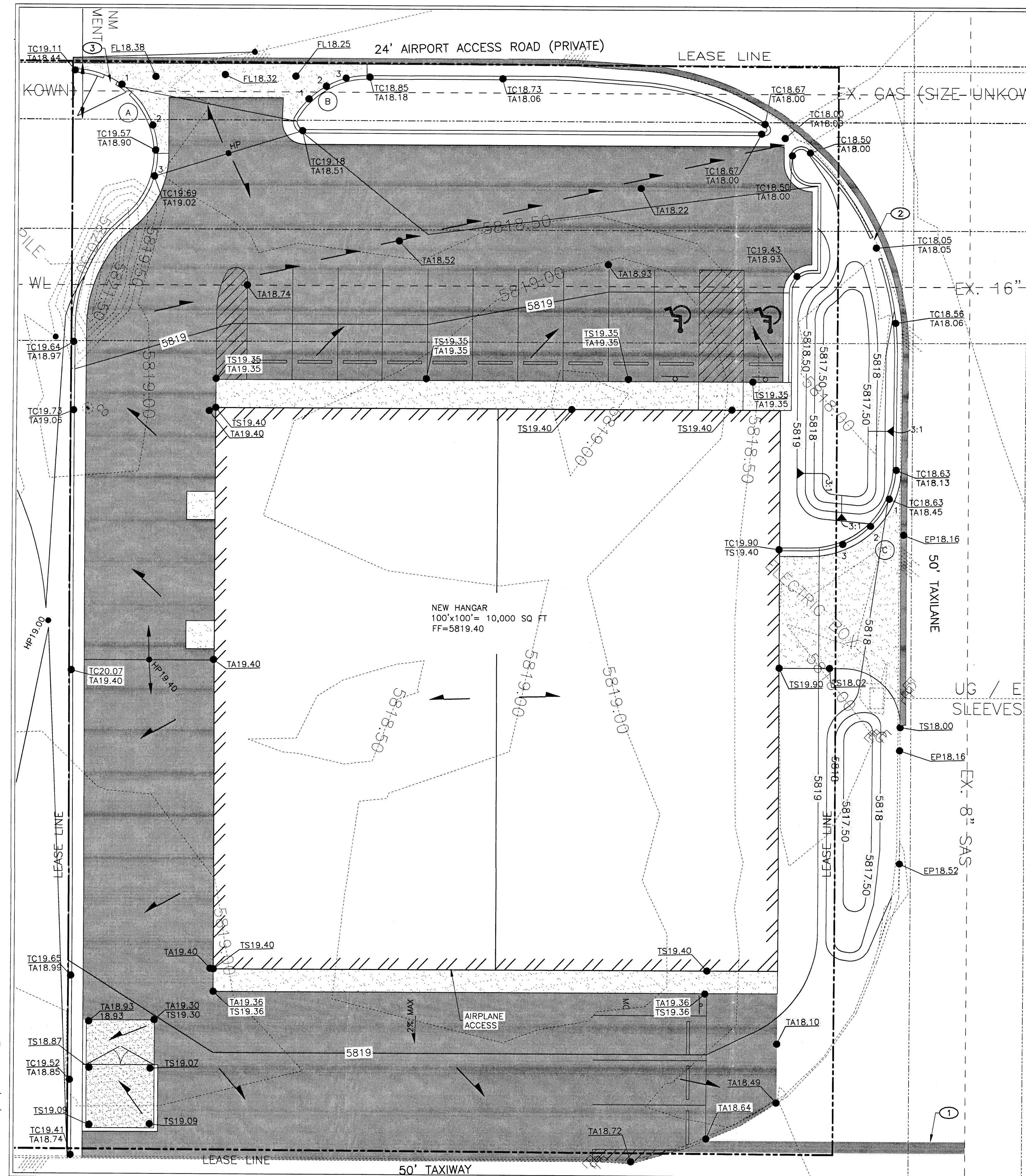
ALL RADII ARE TAKEN TO FACE OF CURB UNLESS OTHERWISE NOTED

CAUTION:
NOTE THAT ALL EXISTING UTILITIES MAY NOT BE SHOWN. EXISTING SERVICE CONNECTIONS ARE NOT SHOWN. ANY EXISTING UTILITIES THAT ARE SHOWN ARE SHOWN IN APPROXIMATE LOCATION ONLY. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT ALL THE UTILITY OWNERS AND TO CONDUCT ALL NECESSARY FIELD INVESTIGATIONS PRIOR TO ANY EXCAVATION TO DETERMINE THE ACTUAL LOCATION OF UTILITIES AND OTHER IMPROVEMENTS.

CITY OF ALBUQUERQUE									
PUBLIC WORKS DEPARTMENT									
ENGINEERING DEVELOPMENT GROUP									
TITLE: DOUBLE EAGLE II – MIDFIELD DEVELOPMENT-PHASE II									
TRAFFIC CIRCULATION LAYOUT									

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
City Project No.	Zone Map No.	Sheet	Of	

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KEYED NOTES

- 1 SAWCUT NEAT LINE, REMOVE, DISPOSE & REPLACE EXISTING ASPHALT AS NEEDED FOR UTILITY INSTALLATION REFER TO ASPHALT SAWCUT, REMOVE & REPLACE DETAIL SHEET C-104
- 2 INSTALL 2'-0" CURB CUT SEE DETAIL THIS SHEET (MEDIAN CURB)
- 3 INSTALL 2'-6" CURB CUT TO ALLOW OFFSITE FLOWS TO PASS SEE DETAIL THIS SHEET (STANDARD CURB)

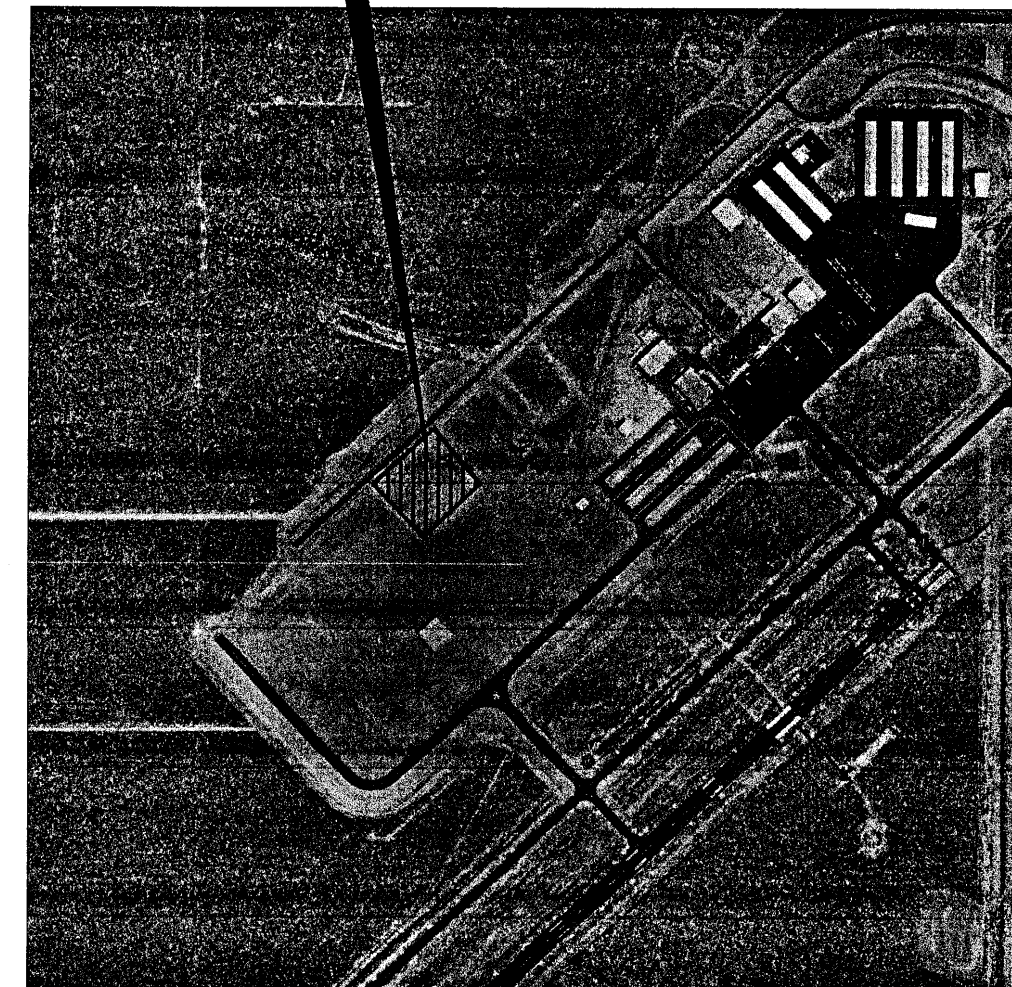
GENERAL SHEET NOTES

1. ALL NORTHING & EASTING COORDINATES ARE APPROXIMATE.

LEGEND

5819.00	EXISTING MAJOR CONTOUR
5818.50	EXISTING MINOR CONTOUR
5815.00	NEW MAJOR CONTOUR
5818.00	NEW MINOR CONTOUR
GAS	EXISTING GAS LINE
W	EXISTING WATER LINE
SAS	EXISTING SANITARY SEWER LINE
[Pattern]	NEW ASPHALT
[Pattern]	NEW CONCRETE
TC18.00 TA18.00	NEW SPOT ELEVATION
FF	FINISH FLOOR
TC	TOP OF CURB
TA	TOP OF ASPHALT
TS	TOP OF SLAB
EP	EDGE OF PAVEMENT
[Arrow]	DIRECTION OF FLOW

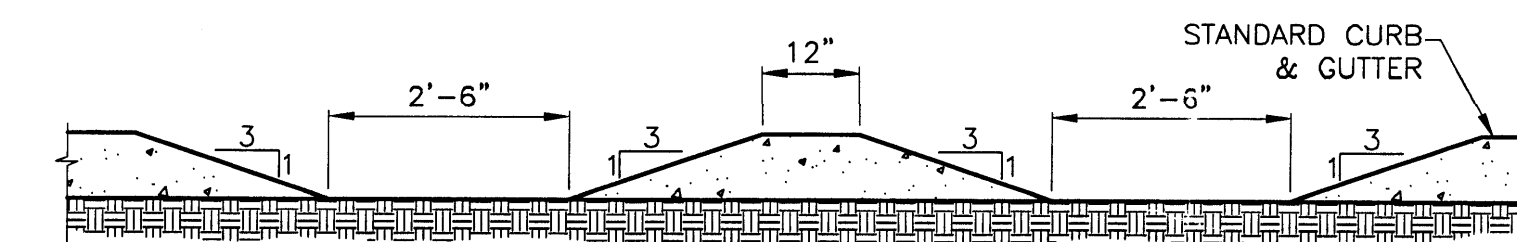
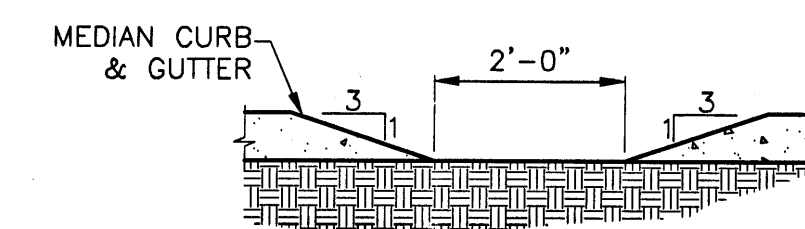
PROJECT LOCATION

ZONE ATLAS MAP E-6
SCALE: N.T.S.

A	TC	FL
1	19.25	18.58
2	19.45	18.78
3	19.59	19.02
$\Delta=140'-23'-33"$		
$L=36.75'$		
$R=15.00'$		
$T=41.66'$		

B	TC	FL
1	19.10	18.43
2	19.01	18.34
3	18.92	18.25
$\Delta=63'-29'-05"$		
$L=16.62'$		
$R=15.00'$		
$T=09.28'$		

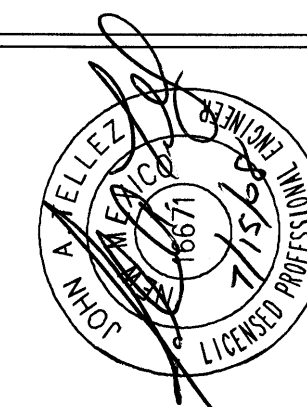
C	TC	FL
1	18.95	18.45
2	19.27	18.77
3	19.59	19.09
$\Delta=89'-42'-52"$		
$L=23.49'$		
$R=15.00'$		
$T=14.93'$		

STANDARD CURB & GUTTER
CURB CUT DETAIL
SCALE: 1"=2'MEDIAN CURB & GUTTER
CURB CUT DETAIL
SCALE: 1"=2'

DRB PROJECT NUMBER: 1001656

GRADING & DRAINAGE PLAN

Molzen-Corbin & Associates
2701 Miles Road S.E.
Albuquerque, New Mexico 87108
Voice: (505) 242-0022
Fax: (505) 242-0073



REV NO	REV DATE	DESCRIPTION
1		PROJECT NUMBER: TR1081-11-A20
2		DESIGNED BY: J. TELLEZ
3		DRAWN BY: J. BEHREND
4		CHECKED BY: J. PROVINE
5		PROJ. ENG: J. PROVINE
6		PROJECT DATE: APRIL 2008

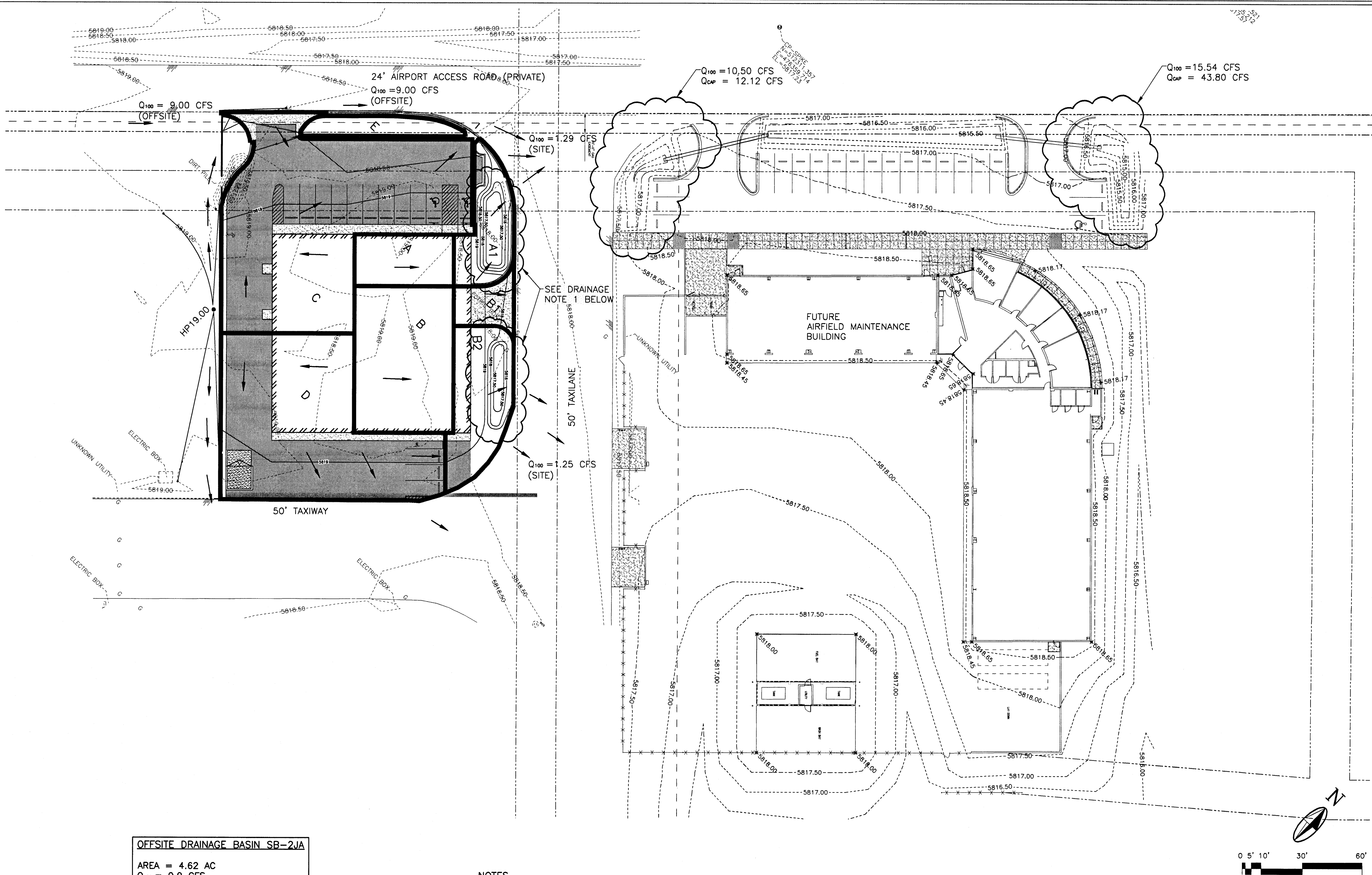
TRI-MOTOR AIRCRAFT HANGAR
TRI-MOTOR, DE II AIRPORT (CITY OF ALBUQUERQUE)
ALBUQUERQUE (NEW MEXICO)

NOTICE OF EXTENDED DRAWING JURISDICTION: THIS CONTRACTOR ALLOWS THE OWNER TO MAKE PAYMENT WITHIN 45 DAYS AFTER SUBMISSION OF ALL UNDISPUTED REQUEST FOR PAYMENT.

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C-102

SHEET



OFFSITE DRAINAGE BASIN SR-2JA
AREA = 4.62 AC
Q₁₀₀ = 9.0 CFS
SEE SHEET C-103A, EXHIBIT - A

Existing Conditions						
Description	Land Treatment				Flow (cfs)	
Basin	Area (ac)	A	B	C	D	Q _{100yr-6hr}
Ex. Lot	0.62	0.00%	0.00%	100.00%	0.00%	1.78
TOTAL	0.62					1.78

Proposed Conditions						
Description	Land Treatment				Flow (cfs)	
Basin ID	Area (ac)	A	B	C	D	Q _{100yr-6hr}
A	0.030	0.00%	0.00%	0.00%	100.00%	0.13
A1	0.034	0.00%	0.00%	100.00%	0.00%	0.10
B	0.085	0.00%	0.00%	0.00%	100.00%	0.37
B1	0.016	0.00%	0.00%	0.00%	100.00%	0.07
B2	0.049	0.00%	0.00%	100.00%	0.00%	0.14
C	0.232	0.00%	0.00%	0.00%	100.00%	1.01
D	0.153	0.00%	0.00%	0.00%	100.00%	0.67
E	0.017	0.00%	0.00%	100.00%	0.00%	0.05
TOTAL	0.62					2.54

NOTE: Section 22 of the Albuquerque DPM used to calculate total Q.

NOTES

PROJECT IS LOCATED ON CITY OF ALBUQUERQUE AVIATION PROPERTY, LANDS OF DEII AIRPORT. AS SHOWN ON THE VICINITY MAP, THE SITE IS LOCATED WEST OF ALBUQUERQUE AND CAN BE ACCESSED BY EXISTING WEST BOUND I-40 AT THE PASEO DEL VOLCAN OFFRAMP AND CONTINUING NORTH ON PASEO DEL VOLCAN TO THE INTERSECTION OF DOUBLE EAGLE II AIRPORT ACCESS ROAD. FROM THE INTERSECTION THE SITE IS APPROXIMATELY 2000' SOUTHWEST.

THE GRADING PLAN SHOWS: 1) EXISTING GRADES INDICATED BY CONTOURS AT 0.5' INTERVAL AS SHOWN FROM THE TOPOGRAPHIC SURVEY. 2) PROPOSED GRADES ARE INDICATED BY SPOT ELEVATIONS AND CONTOURS AT 0.5' INTERVALS. FOR CONTOURS SEE SHEET C-102. 3) THE LIMIT AND CHARACTER OF THE EXISTING IMPROVEMENTS. 4) THE LIMIT AND CHARACTER OF PROPOSED IMPROVEMENTS SEE SHEET C-102 AND 5) CONTINUITY BETWEEN EXISTING AND PROPOSED GRADES. SEE SHEET C-102 FOR SITE GRADING.

THE PROPOSED DEVELOPMENT CONSISTS OF THE CONSTRUCTION OF APPROXIMATELY 10,000' SF AIRPLANE HANGAR INCLUDING A PAVED PARKING AREA. BUILDING AREA = 10,000' SF.

EXISTING CONDITIONS HAVE BEEN IMPROVED DUE TO THE CONSTRUCTION OF THE DEII MIDFIELD DEVELOPMENT PHASE 2 PROJECT IN THE WINTER OF 2005. THE EXISTING CONDITIONS SHOWN ON THIS SHEET REFLECT THIS PROJECT AT ITS CURRENT CONDITIONS. THESE IMPROVEMENTS ARE CONSISTENT WITH THE DOUBLE EAGLE II STORM DRAINAGE MASTERPLAN (DECEMBER 2003).

PROPOSED DEVELOPMENT GRADING WILL CONTINUE TO ALLOW THE SITE TO DRAIN FROM WEST TO EAST AND SOUTH VIA SWALE AND DITCHES SURROUNDING THE SITE. ALL DITCHES THEN DISCHARGED INTO EXISTING DRAINAGE DITCHES AND PONDS AS PER THE DOUBLE EAGLE II DRAINAGE MASTER PLAN. THE CALCULATIONS SHOWN FOR BOTH EXISTING AND FUTURE CONDITIONS ANALYZE THE 100yr-6hr STORM EVENT. THE PROCEDURE FOR 40-ACRE AND SMALLER BASINS, AS SET FORTH IN THE REVISION OF SECTION 22.2, HYDROLOGY OF THE DEVELOPMENT PROCESS MANUAL, VOLUME 2, DESIGN CRITERIA, DATED JANUARY, 1993, IN CONJUNCTION WITH THE ARID-LANDS HYDROLOGIC MODEL "AHMO-97" COMPUTER PROGRAM, HAS BEEN USED TO QUANTIFY THE PEAK RATE OF DISCHARGE AND THE VOLUME OF RUNOFF GENERATED BY THIS DEVELOPMENT. PROPOSED CONDITIONS ARE ALSO CONSISTENT WITH THE DEII STORM DRAINAGE MASTERPLAN (DECEMBER 2003) ULTIMATE CONDITIONS.

DRAINAGE NOTE:

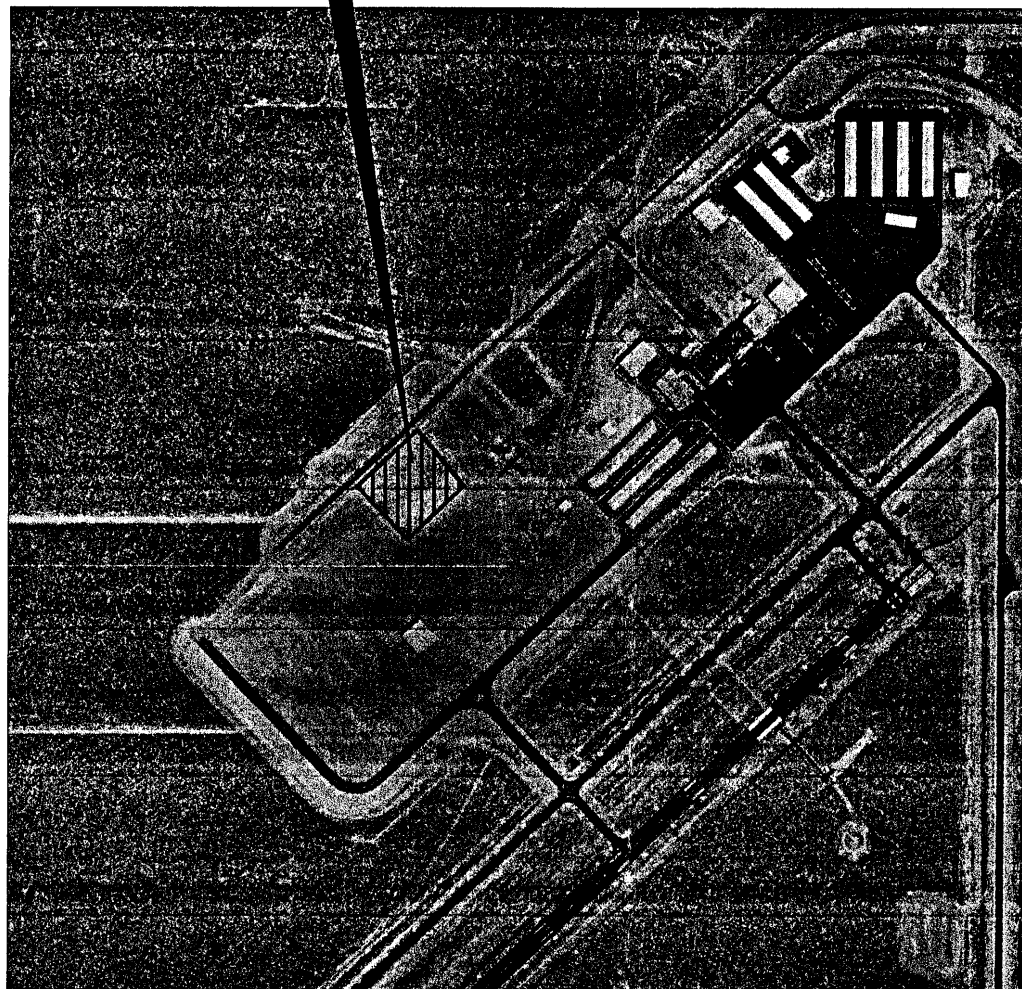
- DRAINAGE INTO THESE AREAS WILL BE WATER HARVESTED ALLOWING 6"-8" MAXIMUM WATER RETENTION. OVERFLOW WILL BE ALLOWED TO ENTER TAXIWAY AND FLOWING IN A NORTH TO NORTHEAST DIRECTION AS ALLOWED BY THE DOUBLE EAGLE II DRAINAGE MASTER PLAN. (SEE EXHIBIT - A ON SHEET C-103A)

GENERAL SHEET NOTES

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REFER TO SHEET C-103A FOR ADDITIONAL INFORMATION

PROJECT LOCATION



ZONE ATLAS MAP E-6
SCALE: N.T.S.

LEGEND

- 5819.00 EXISTING MAJOR CONTOUR
- 5818.50 EXISTING MINOR CONTOUR
- 5819.00 NEW MAJOR CONTOUR
- 5818.00 NEW MINOR CONTOUR
- B BASIN DESIGNATOR
- Proposed Basin Direction of Flow
- NEW ASPHALT
- NEW CONCRETE

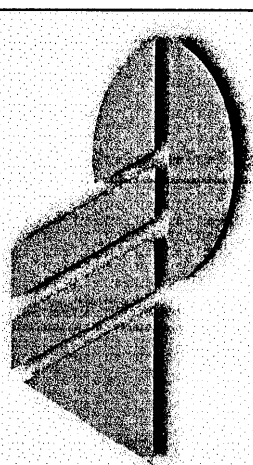
GRADING & DRAINAGE PLAN
PROPOSED DRAINAGE BASINS

TRI-MOTOR AIRCRAFT HANGAR
TRI-MOTOR, DE II AIRPORT (CITY OF ALBUQUERQUE)
ALBUQUERQUE (NEW MEXICO)

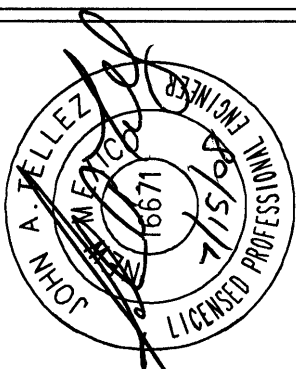
C-103

SHEET

DRB PROJECT NUMBER: 1001656

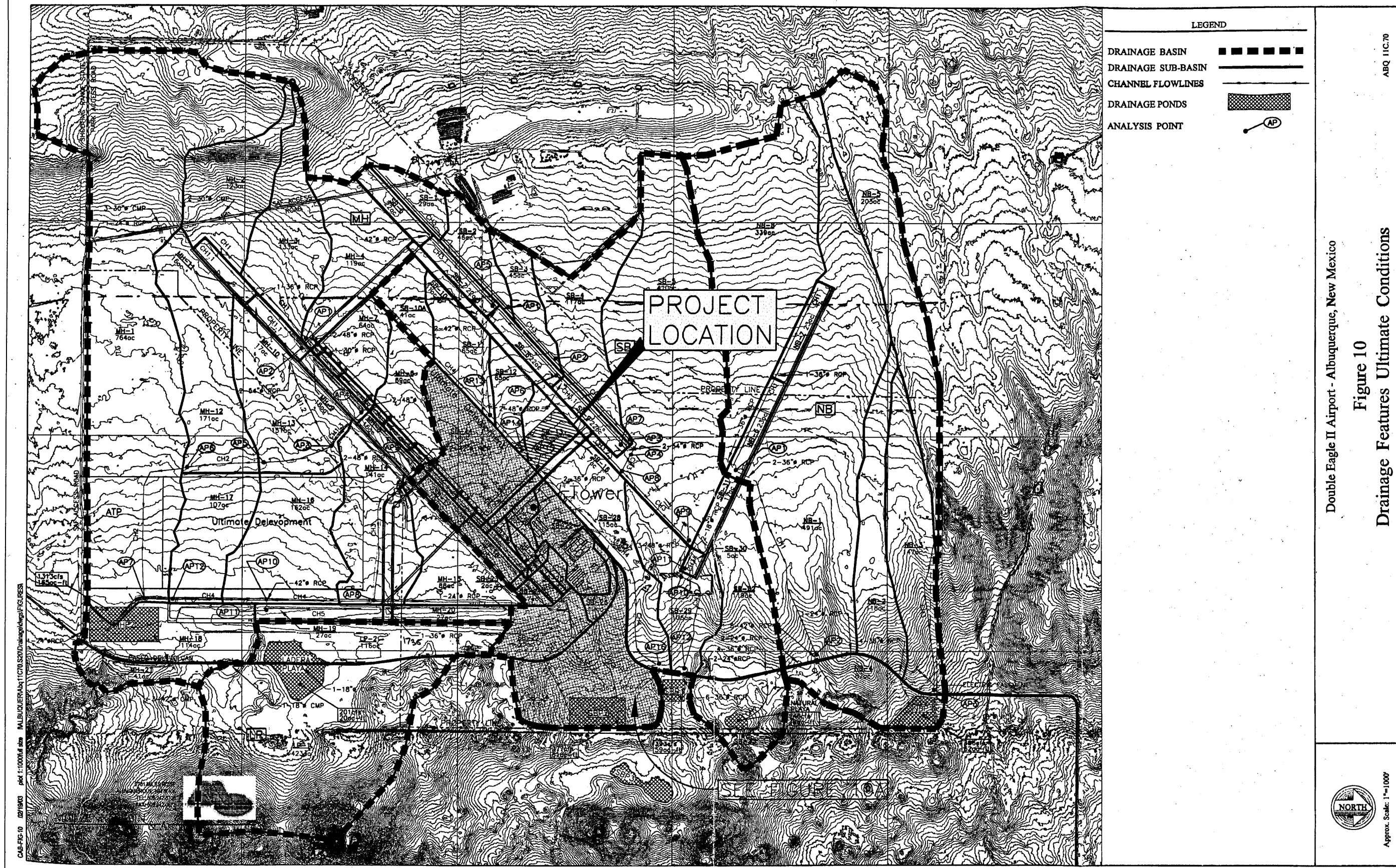
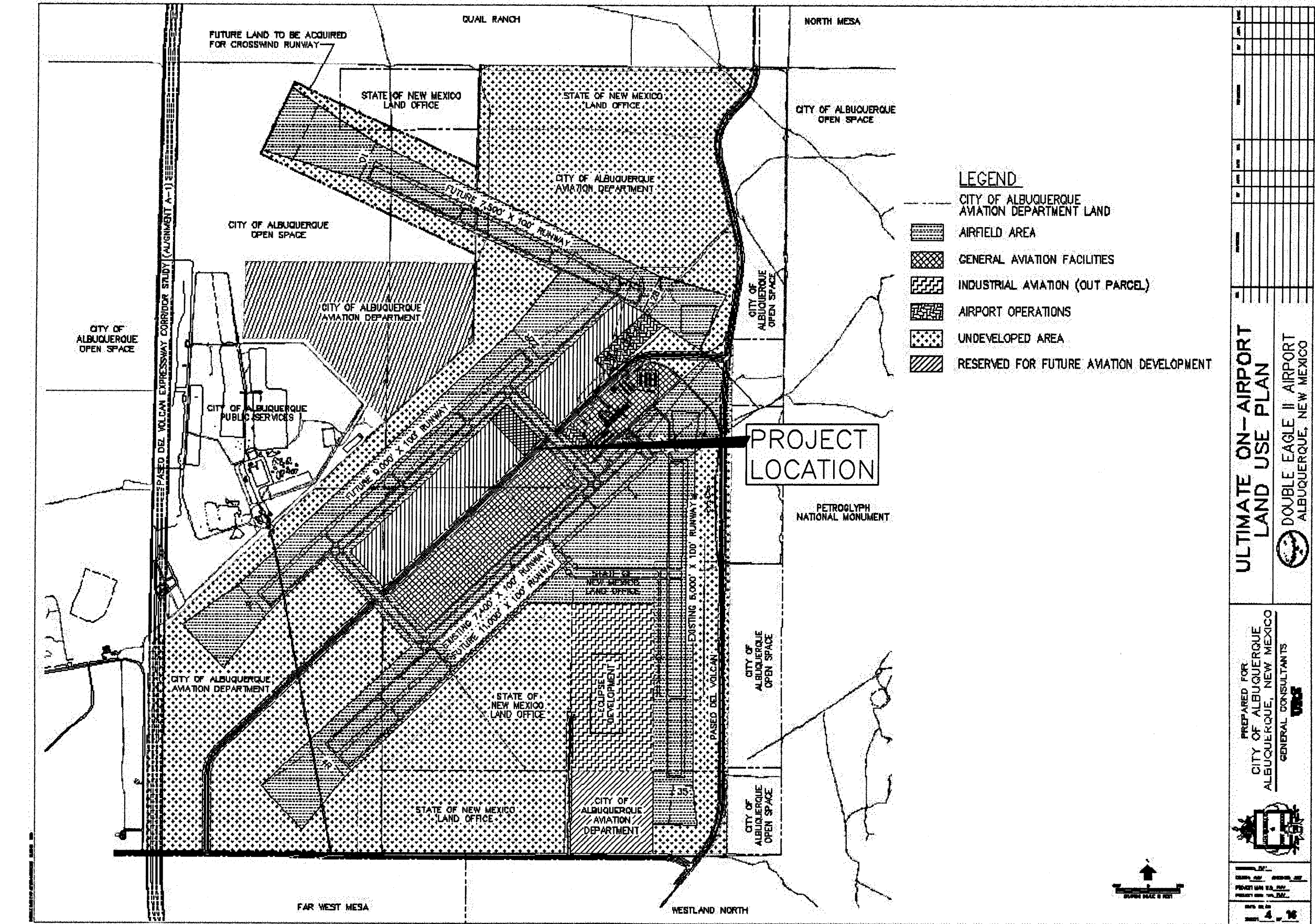


Molzen-Corbin & Associates
2701 Miles Road S.E.
Albuquerque, New Mexico 87108
Phone (505) 242-0073
Fax (505) 242-0073



REV NO	REV DATE	DESCRIPTION
1	APRIL 2008	PROJECT DATE: APRIL 2008
PROJECT NUMBER: TR081-11.A20		
DESIGNED BY: J. TELLEZ		
DRAWN BY: J. BEHREND		
CHECKED BY: J. PROVIN		
PROJ. ENG: J. PROVIN		

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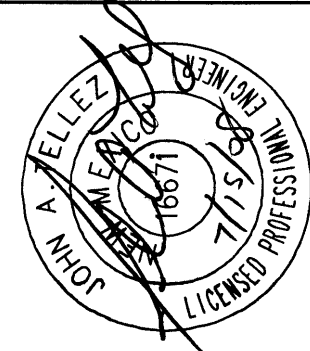
GRADING AND DRAINAGE PLAN
DOUBLE EAGLE II DMP ADDITIONAL INFORMATION

TRI-MOTOR AIRCRAFT HANGAR
TRI-MOTOR, DE II AIRPORT (CITY OF ALBUQUERQUE)
ALBUQUERQUE (NEW MEXICO)

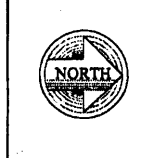
NOTICE OF EXTENDED PAYMENT: THIS CONTRACT ALLOWS THE OWNER TO MAKE PAYMENT WITHIN 45 DAYS AFTER SUBMISSION OF AN UNDISPUTED REQUEST FOR PAYMENT.

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HYDROLOGY
SECTION

Molzen-Corbin
& Associates
2701 Miles Road S.E.
Albuquerque, New Mexico 87106
voice (505) 242-9700
fax (505) 242-9070



Double Eagle II Airport - Albuquerque, New Mexico
Figure 10
Drainage Features Ultimate Conditions



C-103A

SHEET

DRB PROJECT NUMBER: 1001656

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