

ABIA NEAR TERM ANTICIPATED IMPROVEMENTS					
Number	Area Description	Acreage	Imp Cover (%)	Imp Cover (acre)	Completion
1	Future Improvements	14.6	80	12	2015
2	Future Improvements	20.3	90	18	2015
3	Future Improvements	16.6	90	15	2020
4	Future Improvements	4.7	100	5	2020
5	Future Improvements	2.2	80	2	2018
6	Future Improvements	0.4	90	0	2011
7	Future Improvements	0.6	70	0	2025
8	Future Improvements	0.7	80	1	2011
9	Future Improvements	1.0	100	1	2020
10	Future Improvements	17.7	100	18	2012
11	Future Improvements	10.0	80	8	2015
12	Future Improvements	10.0	80	8	2020
13	Future Improvements	42.5	90	38	2015
14	Future Improvements	13.9	80	11	2020
15	Future Improvements	20.0	50	10	2020
16	Future Improvements	35.4	75	27	2012
17	Future Improvements	2.1	70	1	2015
18	Future Improvements	3.1	100	3	2015
19	Future Improvements	2.2	100	2	2015
20	Future Improvements	10.9	100	11	2015
21	Future Improvements	2.5	100	3	2013
<b>* TOTAL</b>		<b>231.4</b>		<b>193</b>	

ABIA ULTIMATE ANTICIPATED IMPROVEMENTS					
Number	Area Description	Acreage	Imp Cover (%)	Imp Cover (acre)	Completion
22	Future Improvements	37.0	100	37.0	2035
23	Future Improvements	15.5	100	15.5	2035
24	Future Improvements	6.0	100	6.0	2035
25	Future Improvements	295.0	100	295.0	2035
26	Future Improvements	73.6	90	66.2	2035
27	Future Improvements	138.4	100	138.4	2035
28	Future Improvements	45.7	90	41.1	2035
29	Future Improvements	18.8	90	16.9	2035
30	Future Improvements	298.4	100	298.4	2035
31	Future Improvements	4.1	100	4.1	2035
32	Future Improvements	18.1	100	18.1	2035
33	Future Improvements	4.6	100	4.6	2035
34	Future Improvements	228.8	80	183.0	2035
<b>* TOTAL</b>		<b>1184.0</b>		<b>1124.5</b>	

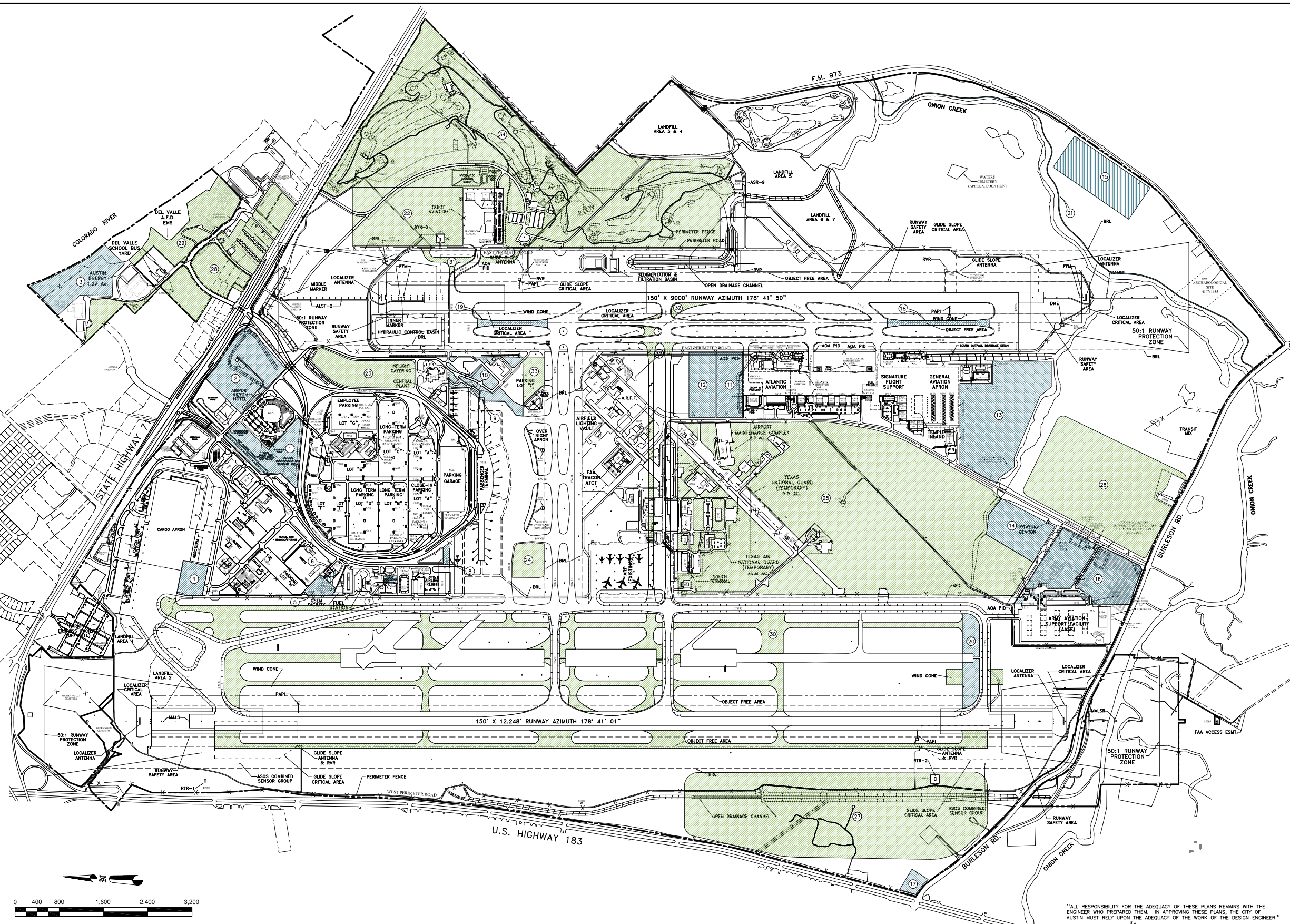
\*SEVERAL OF THESE DEVELOPMENTS INCLUDE EXISTING IMPERVIOUS COVER, SO THE NET IMPERVIOUS COVER SHOWN BELOW IS LESS THAN THE TOTAL IMPERVIOUS COVER SHOWN IN THIS TABLE.

**LEGEND**  

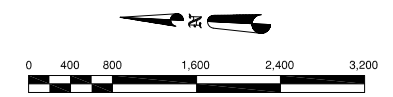
 # NEAR TERM IMPROVEMENTS  
 # ULTIMATE IMPROVEMENTS

IMPERVIOUS COVER SUMMARY			
	** ADDITIONAL IMP. COVER (ACRES)	IMP. COVER (ACRES)	IMP. COVER (PERCENT)
EXISTING	0.0	992	23.8%
NEAR TERM	177.0	1169.0	28.1%
ULTIMATE FUTURE	825.7	1994.7	47.9%

\*\*NET IMPERVIOUS COVER ADDED  
 NOTE: EXCLUDES AREAS NORTH OF S.H. 71



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 Texas Registration Number F-3043  
 consulting • engineering • construction • operations

*Alan D. Rhames*  
  
**Austin-Bergstrom International Airport**  
 Department of Aviation

AUSTIN-BERGSTROM INTERNATIONAL AIRPORT  
 DEVELOPMENT ORDINANCE  
 MASTER DEVELOPMENT SITE PLAN  
 DRAINAGE MASTER PLAN UPDATE M3179

NO.	DATE	ISSUE DESCRIPTION	BY
1	04/12/11	ISSUED AS ATTACHMENT TO ABIA SITE DEVELOPMENT ORDINANCE	ADR

SITE PLAN APPROVAL Sheet \_\_\_ of \_\_\_  
 FILE NO. \_\_\_\_\_ APPLICATION DATE: \_\_\_\_\_  
 APPROVED BY COMMISSION ON: \_\_\_\_\_ UNDER SECTION \_\_\_\_\_ OF CHAPTER \_\_\_\_\_ OF THE AUSTIN CITY CODE  
 EXPIRATION DATE (25-5-81.LDC) CASE MANAGER: \_\_\_\_\_  
 PROJECT EXPIRATION DATE (ORD #97905-A) DWP2\_D0Z \_\_\_\_\_

Director, Planning and Development Review Department  
 RELEASED FOR GENERAL COMPLIANCE: \_\_\_\_\_ ZONING \_\_\_\_\_  
 Rev. 1 \_\_\_\_\_ Correction 1 \_\_\_\_\_  
 Rev. 2 \_\_\_\_\_ Correction 2 \_\_\_\_\_  
 Rev. 3 \_\_\_\_\_ Correction 3 \_\_\_\_\_

Final plan must be recorded by the Project Expiration Date. If applicable, Subsequent Site Plans which do not comply with the Code current at the time of filing, and all required Building Permits and/or a notice of construction of a building permit is not required, must also be approved prior to the Project Expiration Date.

JOB NO. \_\_\_\_\_ XX  
 DRAWN BY: \_\_\_\_\_ HBS  
 CHECKED BY: \_\_\_\_\_ ADR  
 COORD. CHECK: \_\_\_\_\_ XX  
 FILE NAME: ABIA-MP\_COMBINED  
 DATE: 03-31-2011  
 SCALE: 1" = 800'  
 EXHIBIT

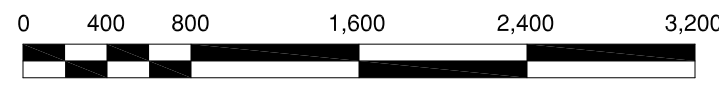
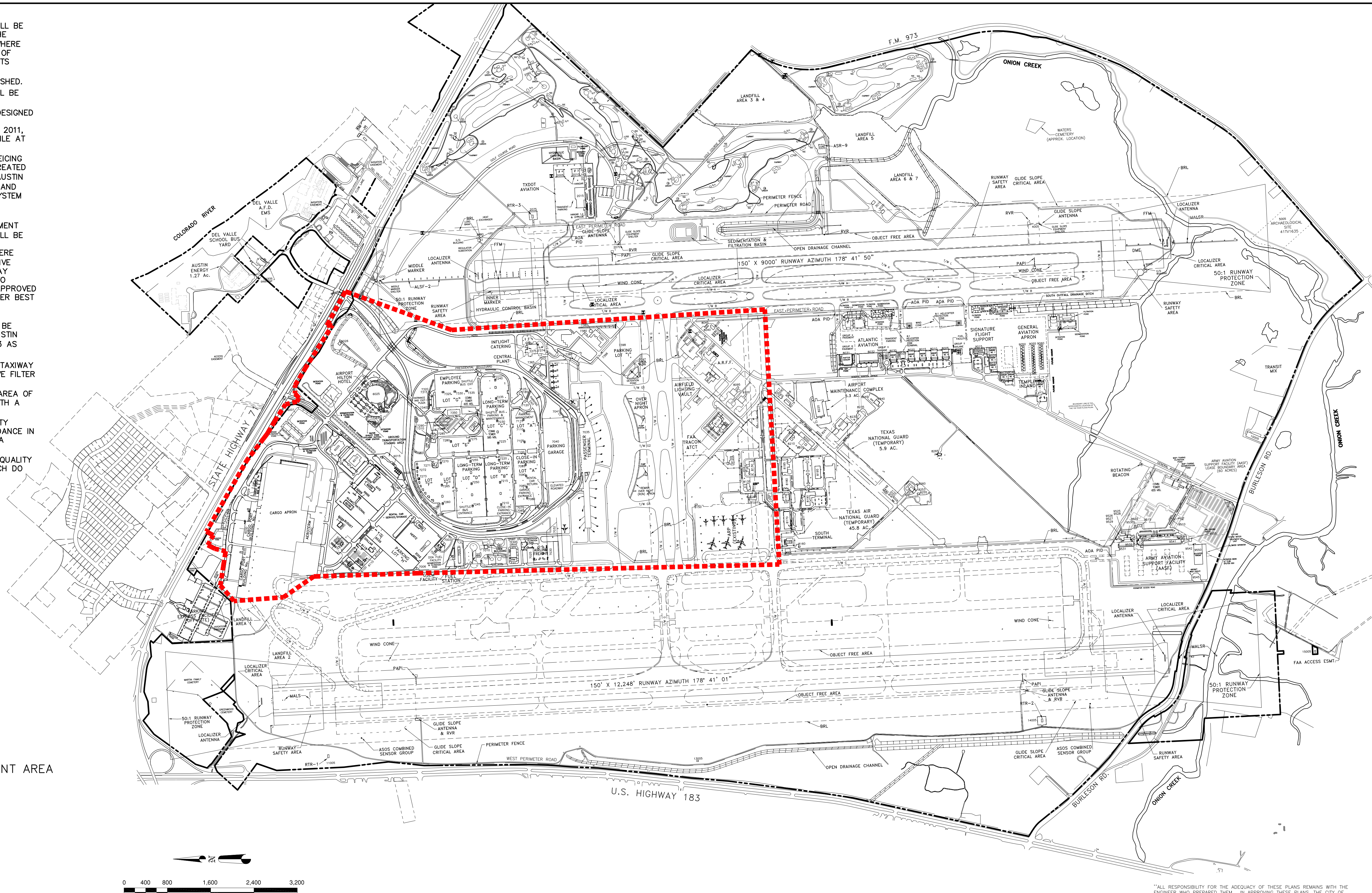
**ATTACHMENT A**

**NOTES**

1. DRAINAGE FACILITIES FOR THE ENTIRE SITE WILL BE DESIGNED TO MEET THE REQUIREMENTS OF THE FEDERAL AVIATION ADMINISTRATION (FAA). WHERE FAA REQUIREMENTS CONFLICT WITH THE CITY OF AUSTIN REQUIREMENTS, THE FAA REQUIREMENTS SHALL BE USED.
2. THE SITE IS LOCATED IN A SUBURBAN WATERSHED.
3. EXISTING AIRPORT WATER QUALITY PONDS WILL BE OPERATED AND PROPERLY MAINTAINED.
4. FUTURE WATER QUALITY CONTROLS WILL BE DESIGNED IN GENERAL CONFORMANCE WITH THE ABIA STORMWATER DRAINAGE MASTER PLAN, APRIL 2011, AND ITS UPDATES WHICH WILL BE KEPT ON FILE AT THE DEPARTMENT OF AVIATION.
5. STORMWATER RUNOFF FROM AREAS WHERE DEICING ACTIVITIES OCCUR WILL BE CAPTURED AND TREATED PER AUSTIN WATER UTILITY (AWU), CITY OF AUSTIN WATERSHED PROTECTION DEPARTMENT (WPD) AND TEXAS POLLUTANT DISCHARGE ELIMINATION SYSTEM (TPDES) REQUIREMENTS.
6. WATER QUALITY TREATMENT FOR FUTURE DEVELOPMENT IN THE CONSTRAINED DEVELOPMENT AREA (CDA) AS SHOWN IN ON THIS SHEET WILL BE IMPLEMENTED FOR THE FIRST ONE HALF INCH CAPTURE VOLUME OF RAINFALL RUNOFF. WHERE PRACTICABLE, ADDITIONAL AND/OR ALTERNATIVE CONTROLS SHALL BE IMPLEMENTED, WHICH MAY INCLUDE ROUTING OF PARKING LOT RUNOFF TO LANDSCAPE AREAS, VEGETATIVE CONTROLS, APPROVED MANUFACTURED TREATMENT DEVICES, OR OTHER BEST MANAGEMENT PRACTICES.
7. WATER QUALITY TREATMENT FOR FUTURE DEVELOPMENT AREAS OUTSIDE THE CDA WILL BE IMPLEMENTED ACCORDING TO THE CITY OF AUSTIN ONE HALF-INCH PLUS (10%) RULE, 25-8-213 AS SPECIFIED IN THE AUSTIN CITY CODE.
8. WATER QUALITY TREATMENT IN THE RUNWAY/TAXIWAY AREA WILL BE IMPLEMENTED USING VEGETATIVE FILTER STRIPS (VFS). FOR EVERY SQUARE FOOT OF IMPERVIOUS RUNWAY/TAXIWAY AREA, A VFS AREA OF 0.33 SQUARE FOOT WILL BE IMPLEMENTED, WITH A MINIMUM FLOW LENGTH OF 25 FEET.
9. OTHER THAN SPECIFIED ABOVE, WATER QUALITY CONTROLS WILL BE DESIGNED FOLLOWING GUIDANCE IN THE CITY OF AUSTIN ENVIRONMENTAL CRITERIA MANUAL.
10. UNDER CITY OF AUSTIN ORDINANCES, WATER QUALITY TREATMENT IS NOT REQUIRED FOR SITES WHICH DO NOT EXCEED 20%.

**LEGEND**

■■■■■ CONSTRAINED DEVELOPMENT AREA



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 L. STEPHEN STECHER  
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 REGISTERED PROFESSIONAL ENGINEER

**Austin-Bergstrom**  
 International Airport  
 Department of Aviation

AUSTIN-BERGSTROM INTERNATIONAL AIRPORT  
 DEVELOPMENT ORDINANCE  
 WATER QUALITY PLAN

DRAINAGE MASTER PLAN UPDATE M3179

NO.	DATE	ISSUE DESCRIPTION	BY
1	04/12/11	ISSUED AS ATTACHMENT TO ABIA SITE DEVELOPMENT ORDINANCE	ADR

Rev.	Correction
Rev. 1	Correction 1
Rev. 2	Correction 2
Rev. 3	Correction 3

JOB NO.	XX
DRAWN BY:	JSC
CHECKED BY:	LSS
COORD. CHECK:	XX
FILE NAME:	ABIA-MP-COMBINED
DATE:	10-24-2011
SCALE:	1" = 800'
EXHIBIT	

ATTACHMENT A-2




**AUSTIN BERGSTROM INTERNATIONAL AIRPORT OVERALL IMPERVIOUS COVER AND UNION CREEK RSMP TRACKING TABLE**

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	
					B + C	C - D	F + G ABOVE		G / H		G / J			O ABOVE	M + N		P - O	
1	PROJECT NAME	CASE NUMBER	REDEVELOPED IMPERVIOUS COVER THIS PROJECT (ACRES)	NEW IMPERVIOUS COVER THIS PROJECT (ACRES)	REMOVED IMPERVIOUS COVER THIS PROJECT (ACRES)	TOTAL IMPERVIOUS COVER THIS PROJECT (ACRES)	NET INCREASE IMPERVIOUS COVER THIS PROJECT (ACRES)	TOTAL IMPERVIOUS COVER ALL PROJECTS (ACRES)	TOTAL LAND AREA (ACRES)	GROSS OVERALL IMPERVIOUS COVER (%)	OVERALL NET SITE AREA (ACRES)	IMPERVIOUS COVER ON NET SITE AREA (%)	NET IMPERVIOUS COVER INCREASE UNION CREEK (ACRES)	NET IMPERVIOUS COVER INCREASE PARTICIPATING IN UNION CREEK RSMP(ACRES)	PRIOR IMPERVIOUS COVER IN UNION CREEK RSMP (ACRES)	TOTAL IMPERVIOUS COVER USED IN UNION CREEK RSMP (ACRES)	TOTAL ALLOWABLE RSMP IMPERVIOUS COVER (ACRES)	REMAINING ALLOWABLE RSMP IMPERVIOUS COVER (ACRES)
2	APPROVED AND GRANDFATHERED IMPERVIOUS COVER AS OF APRIL 1, 2011	SP-94-0438C	0.00	0.00	0.00	0.00	0.00	992.00	4164.00	23.82%	3406.00	29.13%	0.00	0.00	0.00	0.00	300.00	300.00
3	ABIA TERMINAL APRON EXPANSION (RON) 04/15/11	SP-94-0438C.192 (a)	3.62	7.59	3.40	11.21	4.19	996.19	4164.00	23.92%	3406.00	29.25%	4.19	4.19	0.00	4.19	300.00	295.81
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 Camp Dresser & McKee Inc. Riata Corporate Park, 12357-A Riata Trace Parkway, Suite 210 Austin, TX 78727 Tel: (512) 346-1100 Texas Registration Number F-3043 consulting • engineering • construction • operations	 ALAN D. RHAMES 72089 REGISTERED PROFESSIONAL ENGINEER 10/20/11	 Austin-Bergstrom International Airport Department of Aviation	AUSTIN-BERGSTROM INTERNATIONAL AIRPORT DEVELOPMENT ORDINANCE OVERALL IMPERVIOUS COVER AND UNION CREEK RSMP TRACKING TABLES		DRAINAGE MASTER PLAN UPDATE      M3179	1    04/12/11    ISSUED AS ATTACHMENT TO ABIA SITE DEVELOPMENT ORDINANCE    ADR NO.    DATE    ISSUE DESCRIPTION    BY	SITE PLAN APPROVAL    Sheet ____ of ____ FILE NO. _____ APPLICATION DATE: _____ UNDER SECTION ____ OF _____ APPROVED BY COMMISSION ON: _____ CHAPTER _____ OF THE AUSTIN CITY CODE. EXPIRATION DATE (25-5-81,LDC) _____ CASE MANAGER: _____ PROJECT EXPIRATION DATE (ORD #97905-A) _____ DWPZ _____ DDZ _____	JOB NO. _____ XX DRAWN BY: _____ HBS CHECKED BY: _____ ADR COORD. CHECK: _____ XX FILE NAME: ABIA-CALCS DATE: 03-31-2011 SCALE: NOT TO SCALE EXHIBIT _____
			Director, Planning and Development Review Department RELEASED FOR GENERAL COMPLIANCE _____ ZONING _____ Rev. 1 _____ Correction 1 _____ Rev. 2 _____ Correction 2 _____ Rev. 3 _____ Correction 3 _____				Final plan must be recorded by the Project Expiration Date, if applicable. Subsequent Site Plans which do not comply with the Code current at the time of filing, and all required Building Permits under a notice of construction (if a building permit is not required), must also be approved prior to the Project Expiration Date.	ATTACHMENT A-3

BUILDING NO.	DISTRIBUTION
A 8050, 8055, 8065, 8070 8075, 8080	RCCF
B 8035	GARAGE NEAR TRAILERS
C 8125, 8130, 8135, 8155 8165, 8170, 8175, 8180, 8185	HANGARS
D 8200, 8210, 8215, 8225 8230, 8235, 8240, 8245	TANG OFFICES
E 8265	ANTENNA SITE
F 8250, 8253, 8255, 8260	CURRENT MOTOR POOL
G 10005	POLE BARN
H 2001, 2025, 2055, 2060 2065	GOLF COURSE BUILDINGS (VARIOUS)
I 3015, 3020	BUNKERS
J 8095, 8100	HUSH HOUSES
K 8220	MAINTENANCE COMPLEX
L 6005, 6010	OFFICES COMPLEX

CURRENTLY UNDERWAY/ALREADY DEMOLISHED	
M 7380, 7385, 7390	RON
N 8120	PARACHUTE SHOP
O 8145	SUPPORT BUILDING
P 2020	FORMER GOLF PRO SHOP

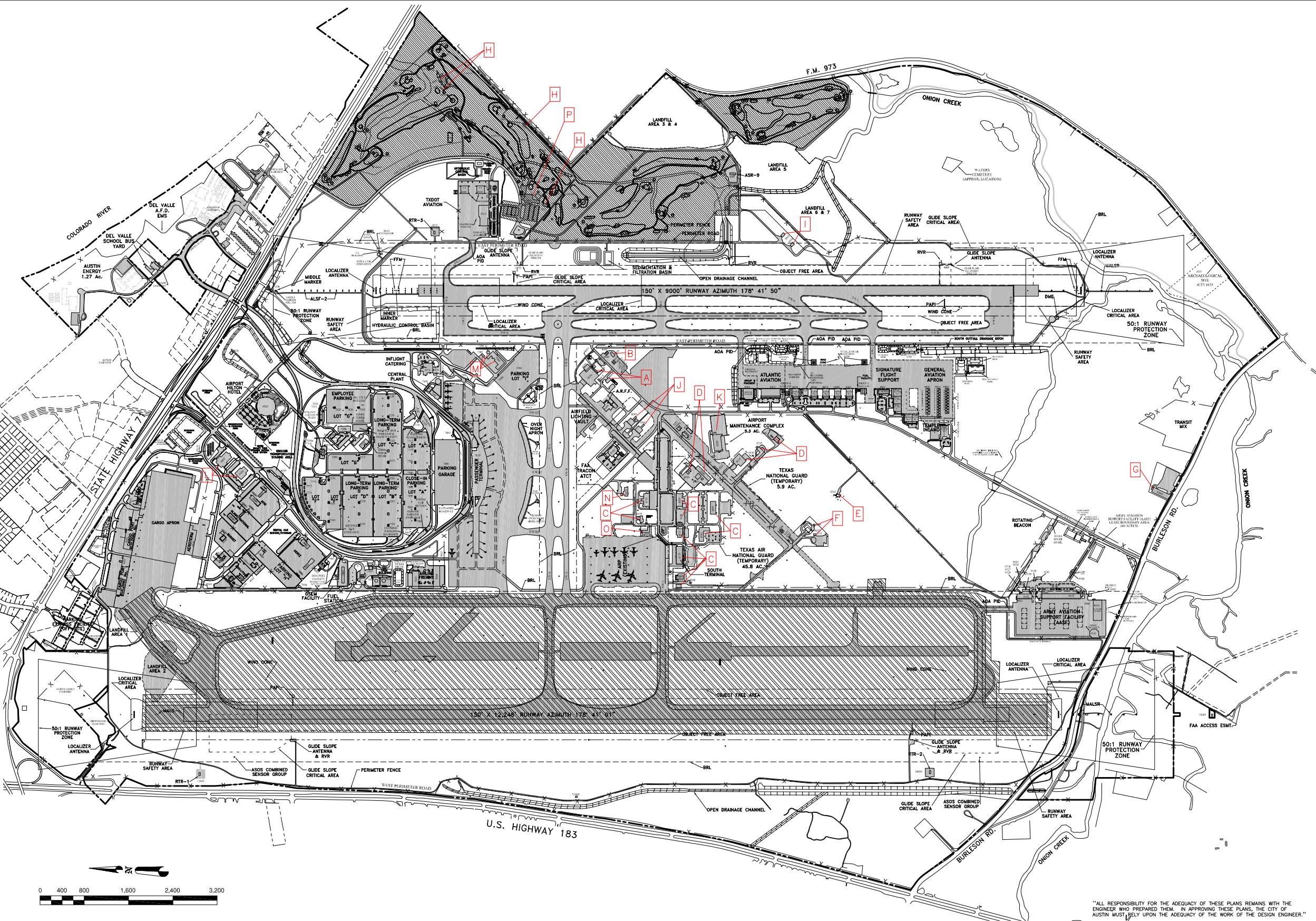
LEGEND

- A BUILDINGS/SITES TO BE DEMOLISHED
- GOLF COURSE TO BE DEMOLISHED
- RUNWAY RECONSTRUCTION PLAN

	IMP. COVER (ACRES)	IMP. COVER (PERCENT)
EXISTING	992	23.8%

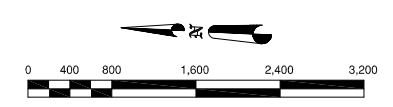
NOTE: EXCLUDES AREAS NORTH OF S.H. 71

GROUND CONDITIONS AS OF JANUARY, 2010



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10/20/11

Austin-Bergstrom  
International Airport  
Department of Aviation

AUSTIN-BERGSTROM INTERNATIONAL AIRPORT  
DEVELOPMENT ORDINANCE  
DEMOLITION PLAN

DRAINAGE MASTER PLAN UPDATE M3179

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1	04/12/11	ISSUED AS ATTACHMENT TO ABIA SITE DEVELOPMENT ORDINANCE	ADR

Rev.	Correction
1	Correction 1
2	Correction 2
3	Correction 3

SITE PLAN APPROVAL Sheet \_\_\_ of \_\_\_  
APPLICATION DATE: \_\_\_\_\_  
RELEASED FOR GENERAL COMPLIANCE UNDER SECTION \_\_\_\_\_ OF THE AUSTIN CITY CODE  
EXPIRATION DATE (25-5-81.LDC) CASE MANAGER: \_\_\_\_\_  
PROJECT EXPIRATION DATE (ORD #97905-A) DWP2\_D0Z

Director, Planning and Development Review Department

JOB NO. 204-06  
DRAWN BY: CGF  
CHECKED BY: ADR  
COORD. CHECK: XX  
FILE NAME: ABIA-MP\_DEMO-E  
DATE: 07-28-2011  
SCALE: 1" = 800'  
EXHIBIT

ATTACHMENT A-4