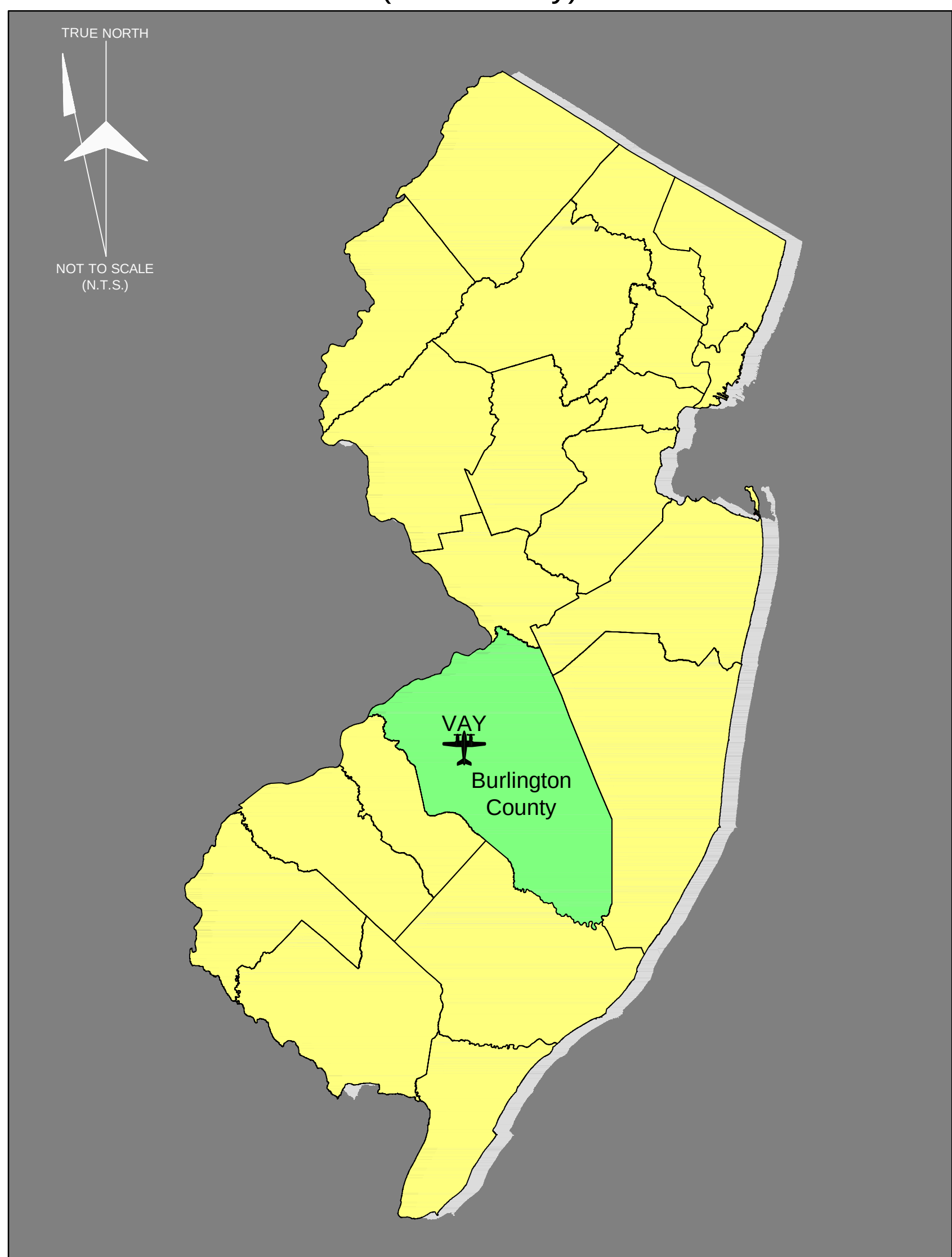


SOUTH JERSEY REGIONAL AIRPORT (VAY) AIRPORT LAYOUT PLAN AUGUST 2014

LOCATION MAP
(New Jersey)

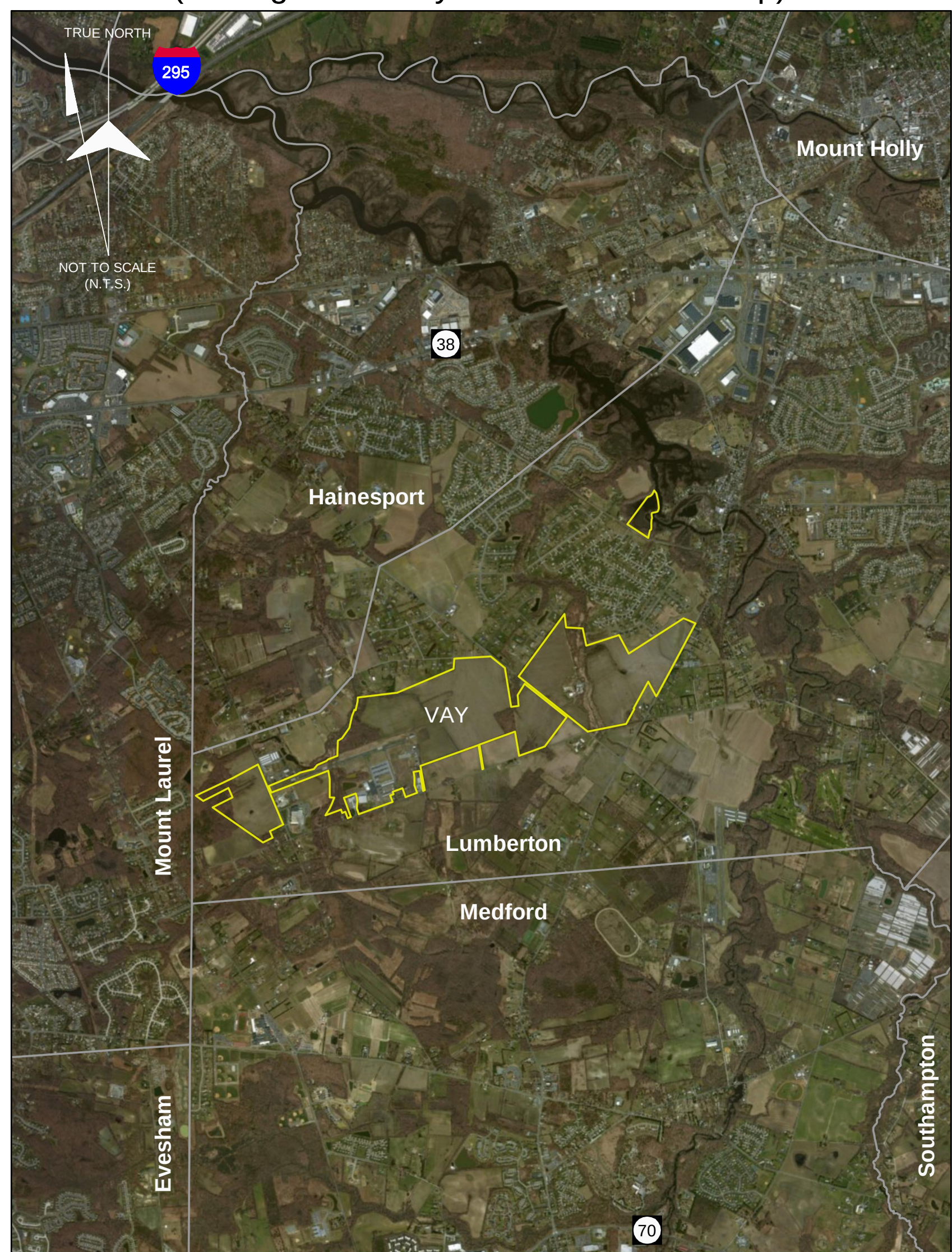


68 STACY HAINES ROAD
LUMBERTON, NEW JERSEY 08048

SHEET INDEX

PL-001	EXISTING AIRPORT LAYOUT PLAN
PL-002	ULTIMATE AIRPORT LAYOUT PLAN
PL-401	EXISTING AIRPORT AIRSPACE PLAN
PL-402	ULTIMATE AIRPORT AIRSPACE PLAN
PL-403	EXISTING INNER PORTION OF THE APPROACH SURFACE FOR RUNWAY 8
PL-404	EXISTING INNER PORTION OF THE APPROACH SURFACE FOR RUNWAY 26
PL-405	ULTIMATE INNER PORTION OF THE APPROACH SURFACE FOR RUNWAY 8
PL-406	ULTIMATE INNER PORTION OF THE APPROACH SURFACE FOR RUNWAY 26
PL-407	RUNWAY CENTERLINE PROFILE
PL-500	LAND USE (1 OF 2)
PL-501	LAND USE (2 OF 2)
PL-601	AIRPORT PROPERTY MAP / EXHIBIT A
PL-602	AIRPORT PROPERTY MAP / EXHIBIT A / METES AND BOUNDS

VICINITY MAP
(Burlington County/Lumberton Township)



PREPARED FOR:



New Jersey Department of Transportation
1035 Parkway Avenue, P.O. Box 600
Trenton, NJ 08625-0600
609.530.2900 tel
www.nj.gov/transportation

PREPARED BY:



AECOM Technical Services Inc.
1700 Market Street, Suite 1600
Philadelphia, PA 19103
215.399.4300 tel 215.399.4371 fax
www.aecom.com

AIRPORT SPONSOR APPROVAL:

Name: _____

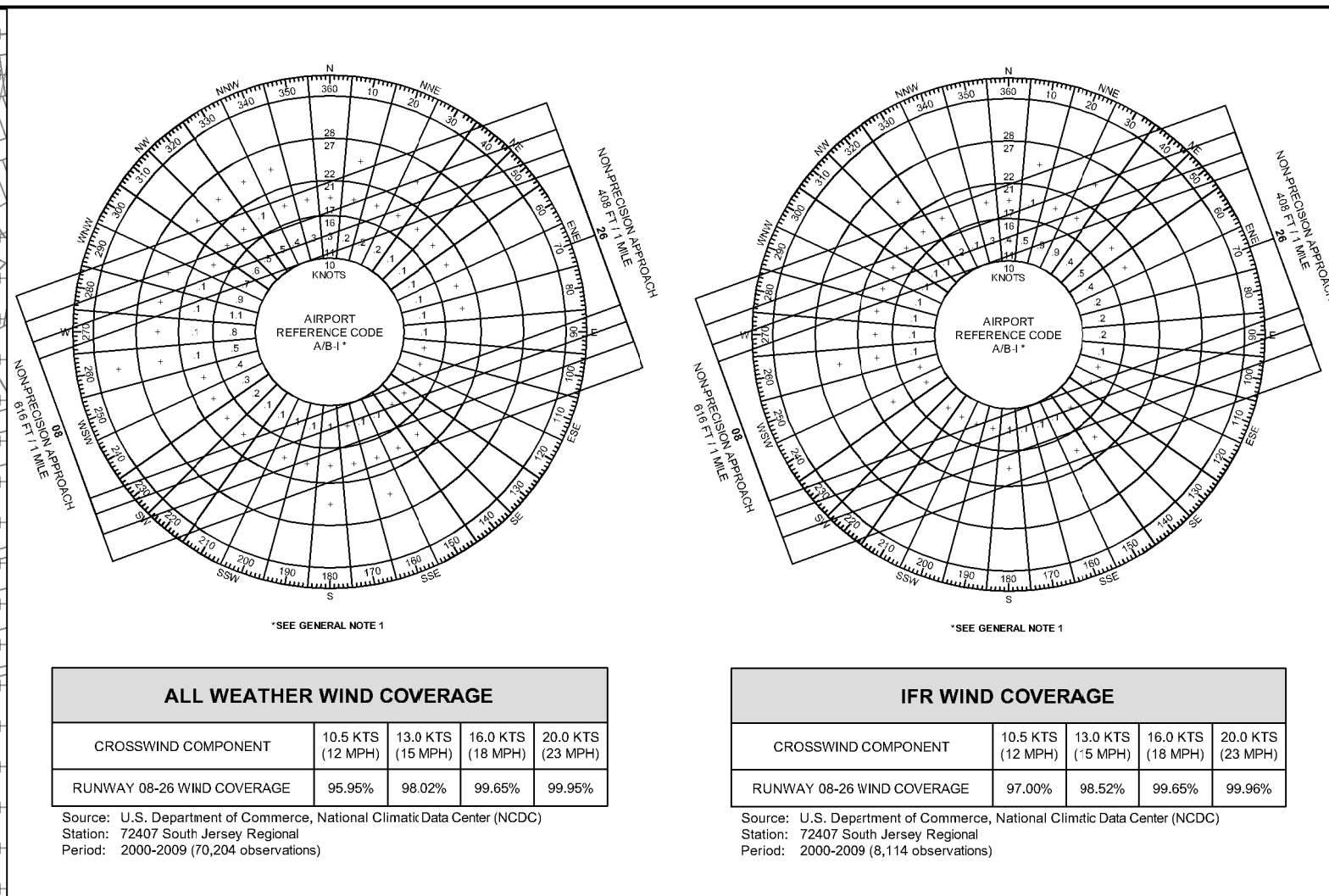
Title: _____

Signature: _____

Date: _____

REVISION:

R	DATE	DESCRIPTION

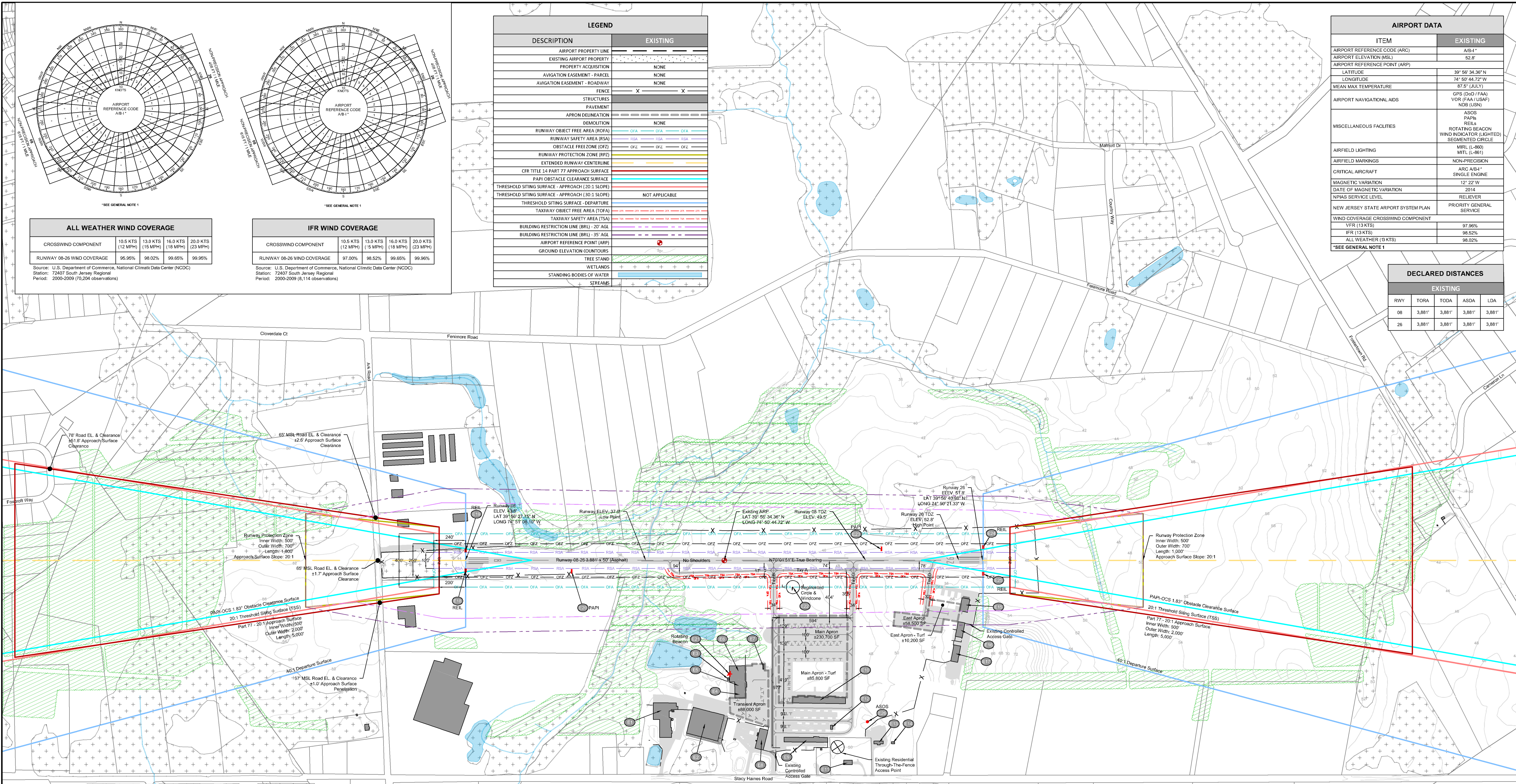


LEGEND	
DESCRIPTION	EXISTING
AIRPORT PROPERTY LINE	
EXISTING AIRPORT PROPERTY	
PROPERTY ACQUISITION	NONE
AVIGATION EASEMENT - PARCEL	NONE
AVIGATION EASEMENT - ROADWAY	NONE
FENCE	X
STRUCTURES	
PAVEMENT	
APIRON DELINEATION	
DEMOLITION	NONE
RUNWAY OBJECT FREE AREA (OFA)	OFA OFA
RUNWAY SAFETY AREA (RSA)	RSA RSA
OBSTACLE FREE ZONE (OFZ)	OFZ OFZ
RUNWAY PROTECTION ZONE (RPZ)	
EXTENDED RUNWAY CENTERLINE	
CR TITLE 34 PART 77 APPROACH SURFACE	
PAIR OBSTACLE CLEARANCE SURFACE	
THRESHOLD SITING SURFACE - APPROACH (30:1 SLOPE)	
THRESHOLD SITING SURFACE - DEPARTURE	NOT APPLICABLE
TAXIWAY OBJECT FREE AREA (TOFA)	TOFA TOFA
TAXIWAY SAFETY AREA (TSA)	TSA TSA
BUILDING RESTRICTION LINE (BRL) - 20' AGL	
BUILDING RESTRICTION LINE (BRL) - 35' AGL	
AIRPORT PREFERENCE POINT (APP)	
GROUND ELEVATION COUNTOURS	
TREE STAND	
WETLANDS	
STANDING BODIES OF WATER	
STREAMS	

AIRPORT DATA	
ITEM	EXISTING
AIRPORT REFERENCE CODE (ARC)	A/B-I *
AIRPORT ELEVATION (MSL)	52.8
AIRPORT REFERENCE POINT (ARP)	
LATITUDE	39° 56' 34.32" N
LONGITUDE	74° 50' 44.72" W
MEAN MAX TEMPERATURE	87.5° (JULY)
LATITUDE	
LONGITUDE	
AIRPORT NAVIGATION AIDS	GPR (DD) /FAA VOR (FAA, USAF) NDB (USN)
MISCELLANEOUS FACILITIES	ADCS PAPIs RELS ROTATING BEACON WIND INDICATOR (LIGHTED) SEGMENTED CIRCLER MLT (L-800) MTC (L-801) NON-PRECISION
AIRFIELD LIGHTING	ARC A/B-I *
AIRFIELD MARKINGS	SINGLE ENGINE
CRITICAL AIRCRAFT	12' 22" V
MAGNETIC VARIATION	2014
DATE OF MAGNETIC VARIATION	
NPAAS SERVICE LEVEL	RELIEVER
NEW JERSEY STATE AIRPORT SYSTEM PLAN	PRIORITY GENERAL SERVICE
WIND COVERAGE CROSSWIND COMPONENT	
VFR (13 KTS)	97.86%
IFR (13 KTS)	98.52%
ALL WEATHER (9 KTS)	98.02%

*SEE GENERAL NOTE 1

DECLARED DISTANCES				
EXISTING				
RWY	TORA	TODA	ASDA	LDA
08	3,881'	3,881'	3,881'	3,881'
26	3,881'	3,881'	3,881'	3,881'



RUNWAY DATA		RUNWAY 08/26	
ITEM	EXISTING		
RUNWAY DESIGN CODE (RDC)	AR-4500*		
APPROACH REFERENCE CODE (APRC)	AR-6100*		
DEPARTURE REFERENCE CODE (DPRC)	AR-61*		
PAVEMENT SURFACE TYPE	ASPHALT		
PAVEMENT SURFACE (R) TYPE	ASPHALT		
SINGLE WHEEL	30,000		
DUAL WHEEL	N/A		
DUAL ENGLISH	N/A		
PAVEMENT STRENGTH - PCN	N/A		
PAVEMENT AASHTO TREATMENT	N/A		
EFFECTIVE RUNWAY GRADIENT (%)	0.3%		
MAXIMUM GRADE (CROSS) (%)	2.2%		
LINE OF SIGHT (VLOS) (FT)	60		
ALL WEATHER UNID. COVERAGE			
15 KNOTS (15 MPH)	99.95%		
15 KNOTS (15 MPH)	99.92%		
15 KNOTS (15 MPH)	99.93%		
20 KNOTS (20 MPH)	99.95%		
RUNWAY LENGTH	3,681		
RUNWAY WIDTH	60		
RUNWAY SHOULDER WIDTH	NONE		
NONE (DISPLACE) THRESHOLD	NONE		
	RUNWAY 60	RUNWAY 26	
RUNWAY SAFETY AREA (RSA)			
LENGTH BEYOND RUNWAY	240'	240'	
WIDTH	120'	120'	
RUNWAY END COORDINATES			
LATITUDE	39 56 56.27 N	39 56 40.48 N	
LONGITUDE	74 51 08.10 W	74 51 21.33 W	
RUNWAY END ELEVATION (MSL)	43.8	51.8	
RUNWAY PROTECTION ZONE (RPZ)	MHL	MHL	
INNER WIDTH	500'	500'	
CUTTER WIDTH	700'	700'	
LENGTH	1,000'	1,000'	
RUNWAY MARKING	NO DISCREPANCY	NO DISCREPANCY	
CFR TITLE 14 PART 71 APPROACH CATEGORY	201	201	
APPROACH TYPE	NON-PRECISION	NON-PRECISION	
APPROACH MINIMALS	815 FT / 1 MI	685 FT / 1 MI	
AERONAUTICAL SURVEY REQUIREMENT	NON-VERTICALLY GUIDED	NON-VERTICALLY GUIDED	
RUNWAY SURFACE SLOPE (R) SLOPE (%)	YES	YES	
RUNWAY OBJECT FREE AREA (RFA)	250'	240'	
RUNWAY OBSTACLE FREE AREA (OFA)	400'	400'	
RUNWAY OBSTACLE FREE ZONE (OFZ)			
LENGTH BEYOND RUNWAY	240'	200'	
WIDTH	240'	200'	
THRESHOLD SIFING SURFACE (TSS) PENETRATIONS			
APPROACH SURFACE 201 SLOPE	YES	YES	
APPROACH SURFACE 401 SLOPE	YES	YES	
DEPARTURE SURFACE 201 SLOPE	YES	YES	
DEPARTURE SURFACE 401 SLOPE	YES	YES	
VISUAL APPROACH AIDS	PAPER	PAPER	
INSTRUMENT APPROACH AIDS	PAPER	PAPER	
TOWERS/DOWN ZONE ELEVATION (MSL)	49.8	52.8	
REF. GEN. MDT			

TAXIWAY DATA				
DESCRIPTION	EXISTING			
	TAXIWAY A	TAXIWAY B	TAXIWAY C	TAXIWAY D
TAXIWAY DESIGN GROUP (TDG)	-	1B	1B	1B
TAXIWAY WIDTH	17'	34'	34'	32'
TAXIWAY EDGE SAFETY MARGIN	*	*	*	*
TAXIWAY SHOULDER WIDTH	*	*	*	*
TAXIWAY SAFETY AREA (TSA) WIDTH	*	*	*	*
TAXIWAY OBJECT FREE AREA (TOFA) WIDTH	*	*	*	*
TAXILANE OBJECT FREE AREA WIDTH	*	*	*	*
TAXIWAY CENTERLINE TO: FIXED OR MOVABLE OBJECT	N/A	N/A	N/A	N/A
TAXILANE CENTERLINE TO: FIXED OR MOVABLE OBJECT	N/A	N/A	N/A	N/A
TAXIWAY LIGHTING	MTL	MTL	MTL	MTL

APRON DATA			
DESCRIPTION	EXISTING		
	MAIN APRON	TRANSIENT APRON	EAST APRON
PAVED AREA SQUARE FOOTAGE (± 100 SF)	230,700 SF	88,000 SF	58,500 SF
TURF AREA SQUARE FOOTAGE (± 100 SF)	85,800 SF	N/A	10,200 SF

EXISTING NGS MONUMENTS			
DESIGNATION	LATITUDE	LONGITUDE	ELEVATION
BURLINGTON CBL 0	39° 56' 41.09" N	74° 50' 24.19" W	51.66'
BURLINGTON CBL 400	39° 56' 36.54" N	74° 50' 39.97" W	43.94'
TEMPORARY GEODETIC CON'ROL WAS ESTABLISHED PER THE REQUIREMENTS OF FAA AC 150/5300-16A, SEC'ION 2.2.2.			

EXISTING		
NO.	FACILITY NAME	TOP ELEV. (MSL)
E1	AIRCRAFT MAINTENANCE HANGAR	71.2
E2	COMMUNITY HANGAR #1	76.9
E3	ELECTRICAL VAULT BLDG.	64.1
E4	COMMUNITY HANGAR #2	87.8
E5	COMMUNITY HANGAR #3	87.7
E6	COMMUNITY HANGAR #4	87.3
E7	AVGAS FUEL TANK	57.5
E8	FBO / TERMINAL / MAIN BLDG.	68.0
E9	T-HANGAR A	69.6
E10	T-HANGAR D	58.7
E11	RESIDENTIAL HOUSE	65.4
E12	OPERATIONS AREA (OCA) / AIR OPERATIONS AREA (AOA)	63.0
E13	VEHICLE STORAGE	62.2
E14	STORAGE FACILITY	60.1
E15	INDUSTRIAL SHOP #1	74.5
E16	FBO / AIRCRAFT STORAGE	74.5
E17	AVIATION MAINTENANCE	74.9
E18	INDUSTRIAL SHOP #2	74.8
E19	REIL - RUNWAY 06	47.0
E20	REIL - RUNWAY 08	47.0
E21	REIL - RUNWAY 05	46.7
E22	ROTATING BEACON	92.3
E23	SEGMENTED CIRCLE AND LIGHTED UNBUILT	64.2
E24	REIL - RUNWAY 26	53.9
E25	REIL - RUNWAY 26	53.0
E26	AUTOMATED SURFACE OBSERVATION SYSTEM (ASOS)	61.3

AECOM

PROJECT

VAY Airport Master Plan ALP Drawing Set

August 2014
South Jersey Regional Airport (VAY)
68 Stacy Haines Road
Lumberton, NJ 08048

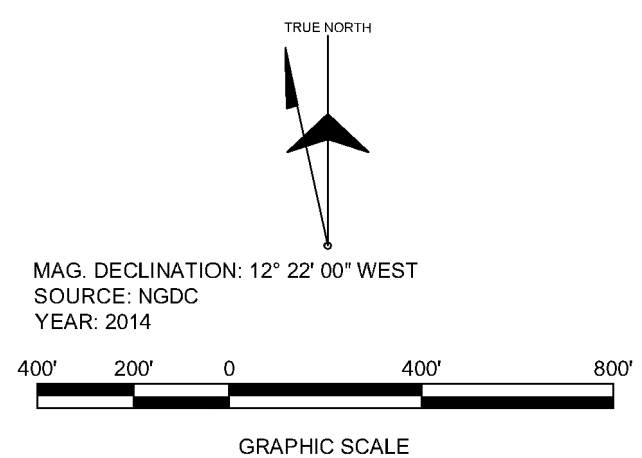
CLIENT/SPONSOR

NJDOT

1035 Parkway Avenue, P.O. Box 600
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CONSULTANT

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215.399.4300 tel 215.399.4371 fax
www.aecom.com

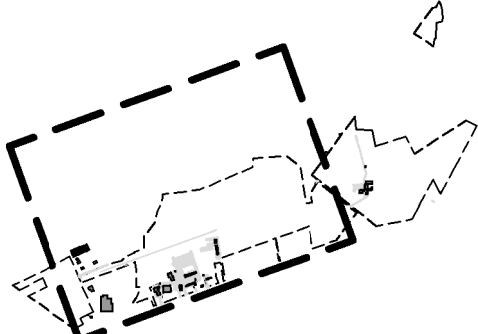


REVISION

R	DATE	DESCRIPTION

KEY PLAN

N.T.S.



PROJECT NUMBER

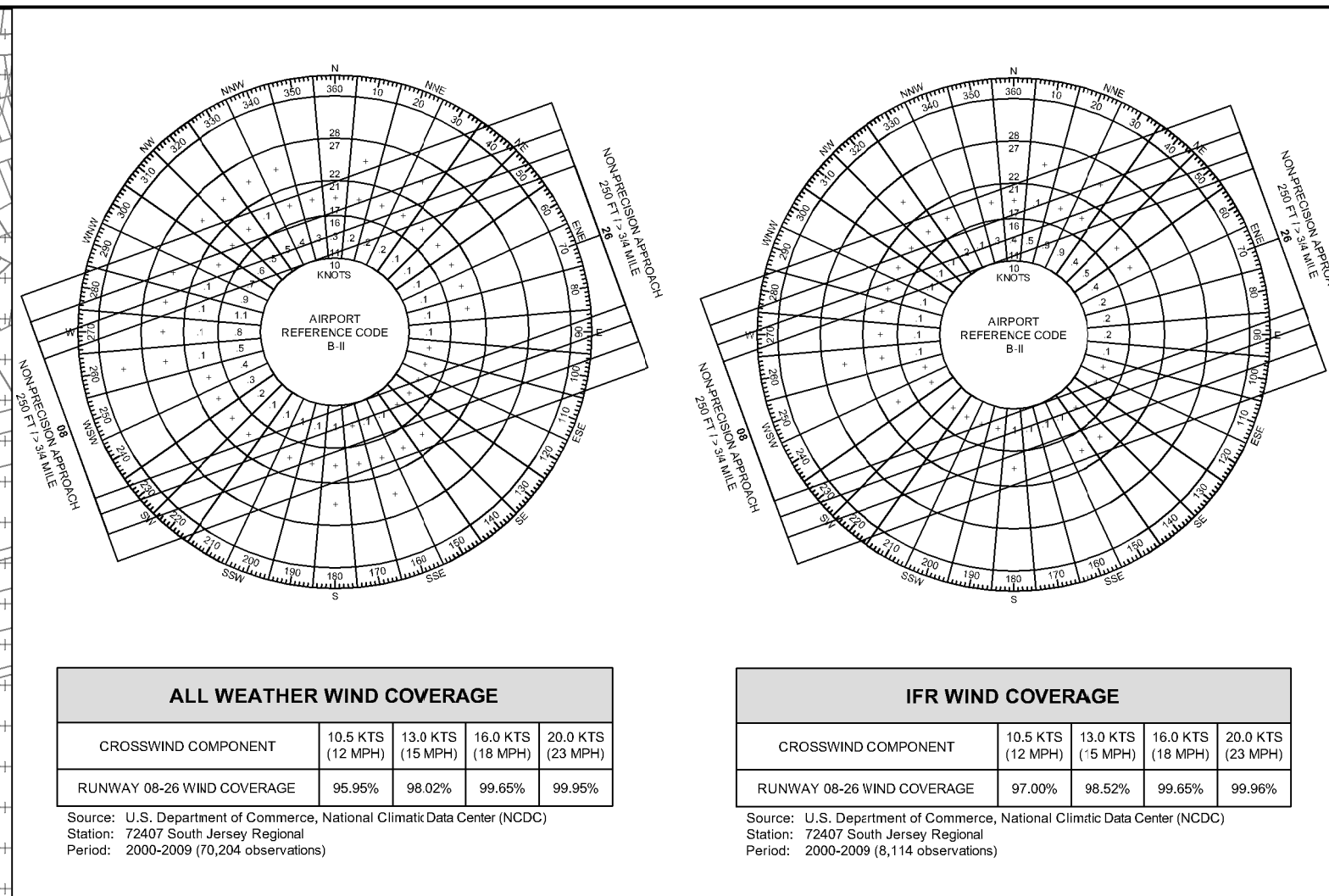
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SHEET TITLE

EXISTING AIRPORT LAYOUT PLAN

SHEET NUMBER

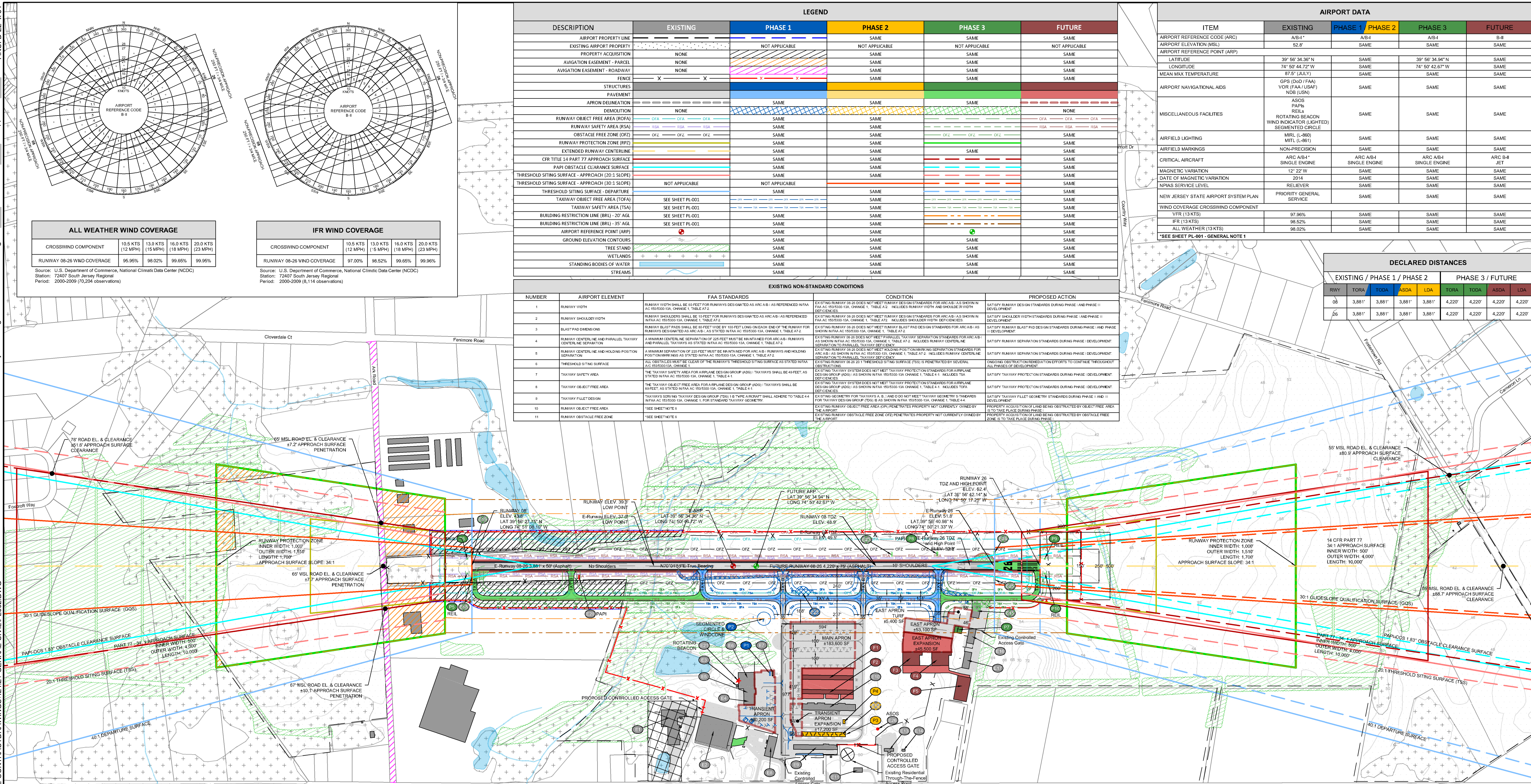
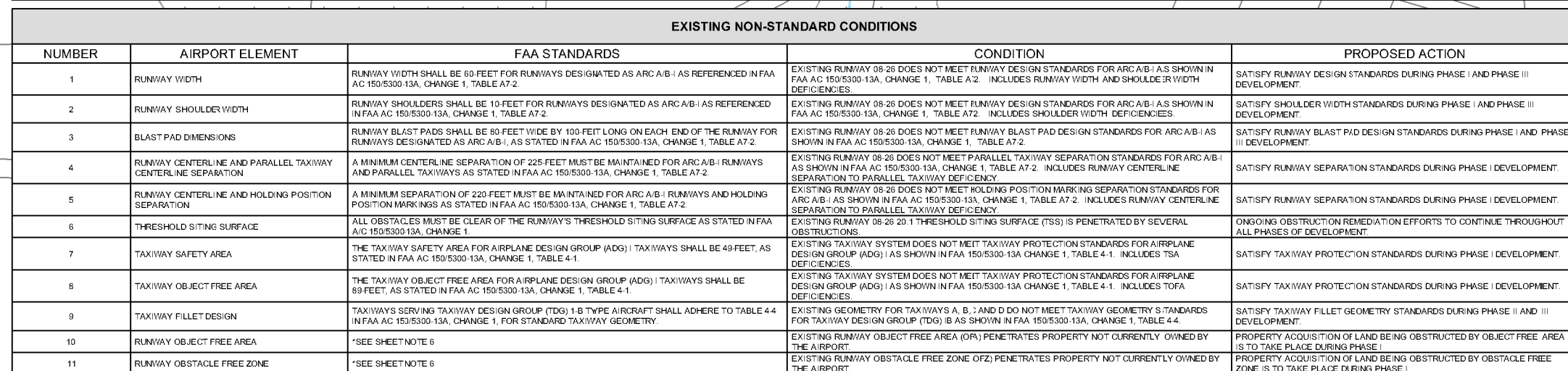
PL-001



LEGEND						
DESCRIPTION	EXISTING	PHASE 1	PHASE 2	PHASE 3	FUTURE	
AIRPORT PROPERTY LINE			SAME	SAME	SAME	
EXISTING AIRPORT PROPERTY		NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	
PROPERTY ACQUISITION	NONE		SAME	SAME	SAME	
AVIGATION EASEMENT - PARCEL	NONE		SAME	SAME	SAME	
AVIGATION EASEMENT - ROADWAY	NONE		SAME	SAME	SAME	
FENCE	X X	X X	SAME	SAME	SAME	
STRUCTURES						
PAVEMENT						
APIRON DIMENSION		SAME	SAME	SAME		
DEPOSITION	NONE				NONE	
RUNWAY OBJECT FREE AREA (ROFA)	OFRA OFRA OFRA	SAME	SAME		OFRA OFRA OFRA	
RUNWAY SAFETY AREA (RSA)	RSRA RSRA RSRA	SAME	SAME		RSRA RSRA RSRA	
OBSTACLE FREE ZONE (OFZ)	OFZ OFZ OFZ	SAME	SAME		OFZ OFZ OFZ	
RUNWAY PROTECTION ZONE (RPZ)		SAME	SAME		SAME	
EXTENDED RUNWAY CENTERLINE		SAME	SAME	SAME	SAME	
CHR TITLE 14 PART 77 APPROACH SURFACE		SAME	SAME		SAME	
PAPI OBSTACLE CLEARANCE SURFACE		SAME	SAME		SAME	
THRESHOLD SITING SURFACE - APPROACH (20:1 SLOPE)		SAME	SAME		SAME	
THRESHOLD SITING SURFACE - APPROACH (20:1 SLOPE)	NOT APPLICABLE	NOT APPLICABLE	SAME		SAME	
THRESHOLD SITING SURFACE - DEPARTURE		SAME	SAME		SAME	
TAXIWAY OBJECT FREE AREA (TOFA)	SEE SHEET PL-001				SAME	
TAXIWAY SAFETY AREA (TSA)	SEE SHEET PL-001		SAME		SAME	
BUILDING RESTRICTION LINE (BRL) - 20' AGL	SEE SHEET PL-001	SAME	SAME		SAME	
BUILDING RESTRICTION LINE (BRL) - 35' AGL	SEE SHEET PL-001	SAME	SAME		SAME	
AIRPORT REFERENCE POINT (ARP)		SAME	SAME		SAME	
GROUND ELEVATION CONTOURS		SAME	SAME	SAME	SAME	
TREE STAND		SAME	SAME	SAME	SAME	
WETLANDS		SAME	SAME	SAME	SAME	
STANDING BODIES OF WATER		SAME	SAME	SAME	SAME	
STREAMS		SAME	SAME	SAME	SAME	

AIRPORT DATA					
ITEM	EXISTING	PHASE 1	PHASE 2	PHASE 3	FUTURE
AIRPORT REFERENCE CODE (ARC)	A-B-I*		A-B-I	A-B-I	B-I
AIRPORT ELEVATION (MSL)	62.8'		SAME	SAME	
AIRPORT REFERENCE POINT (ARP)					
LATITUDE	39° 59' 34.36"N		SAME	39° 59' 34.94" N	SAME
LONGITUDE	74° 59' 44.72" W		SAME	74° 59' 42.67" W	SAME
MEAN MAX TEMPERATURE	87.5° (JULY)		SAME	SAME	SAME
AIRPORT NAVIGATIONAL AIDS	GPS (DGS) / FAA VOR (FAA) (USG) NDB (USN)		SAME	SAME	SAME
MISCELLANEOUS FACILITIES	ASOS PARP RELA ROTATING BEACON WIND INDICATOR (LIGHTED) SEGMENTED CIRCLE		SAME	SAME	SAME
AIRFIELD LIGHTING	MRL (L-960) MTL (L-961)		SAME	SAME	SAME
AIRFIELD MARKINGS	NON-PRECISION		SAME	SAME	SAME
CRITICAL AIRCRAFT	ARC A-B-I* SINGLE ENGINE		ARC A-B-I SINGLE ENGINE	ARC A-B-I SINGLE ENGINE	ARC B-I JET
MAGNETIC VARIATION	12° 22' W		SAME	SAME	SAME
DATE OF MAGNETIC VARIATION	2014		SAME	SAME	SAME
NPWS SERVICE LEVEL	RELIEVER		SAME	SAME	SAME
NEW JERSEY STATE AIRPORT SYSTEM PLAN	PRIORITY GENERAL SERVICE		SAME	SAME	SAME
WIND COVERAGE CROSSWIND COMPONENT					
VFR (13 KTS)	97.96%		SAME	SAME	SAME
IFR (13 KTS)	98.52%		SAME	SAME	SAME
ALL WEATHER (13 KTS)	98.02%		SAME	SAME	SAME

DECLARED DISTANCES								
EXISTING / PHASE 1 / PHASE 2					PHASE 3 / FUTURE			
R/WY	TORA	TODA	ASDA	LDA	TORA	TODA	ASDA	LDA
08	3,881'	3,881'	3,881'	3,881'	4,220'	4,220'	4,220'	4,220'
06	3,881'	3,881'	3,881'	3,881'	4,220'	4,220'	4,220'	4,220'



RUNWAY DATA												
ITEM	RUNWAY 08/26											
	EXISTING	PHASE 1		PHASE 2		PHASE 3		PHASE 3		FUTURE		
RUNWAY DESIGN CODE (RDC)	A-B-15000*	A-B-15000		SAME		A-B-14000		A-B-14000		B-I-14000		
APPROACH REFERENCE CODE (APRC)	A-B-15000*	A-B-15000		SAME		A-B-14000		A-B-14000		B-I-14000		
APPROACH REFERENCE CODE (APRC)	A-B-15000*	A-B-15000		SAME		A-B-14000		A-B-14000		B-I-14000		
PAVEMENT SURFACE TYPE	ASPHALT	SAME		SAME		SAME		SAME		SAME		
PAVEMENT STRENGTH (PSI)	30,000	SAME		SAME		SAME		SAME		SAME		
SINGLE WHEELS	N/A	SAME		SAME		SAME		SAME		SAME		
DUAL WHEEL	N/A	SAME		SAME		SAME		SAME		SAME		
DUAL TANDUM	N/A	SAME		SAME		SAME		SAME		SAME		
PAVEMENT STRENGTH - PCN	N/A	SAME		SAME		SAME		SAME		SAME		
PAVEMENT EQUIVAC TREATMENT	N/A	SAME		SAME		SAME		SAME		SAME		
EFFECTIVE RUNWAY GRADE (%)	0.3%	SAME		SAME		SAME		SAME		SAME		
MAXIMUM GRADE CHANGE	2.4%	SAME		SAME		SAME		SAME		SAME		
LINE OF SIGHT VILICATION (FT)	NO	SAME		SAME		SAME		SAME		SAME		
ALL WEATHER WIND COVERAGE	95.95%	SAME		SAME		SAME		SAME		SAME		
15 KNOTS (13 MPH)	95.95%	SAME		SAME		SAME		SAME		SAME		
13 KNOTS (15 MPH)	95.95%	SAME		SAME		SAME		SAME		SAME		
16 KNOTS (18 MPH)	95.95%	SAME		SAME		SAME		SAME		SAME		
20 KNOTS (23 MPH)	95.95%	SAME		SAME		SAME		SAME		SAME		
RUNWAY LENGTH	3,881	SAME		SAME		4,220		4,220		SAME		
RUNWAY WIDTH	50	SAME		SAME		50		50		SAME		
RUNWAY SHOULDER WIDTH	NONE	10'		SAME		SAME		SAME		SAME		
OBSCURED THRESHOLD	NONE	SAME		SAME		SAME		SAME		SAME		
RUNWAY SAFETY FREE AREA (RFA)	RUNWAY 06	RUNWAY 26	RUNWAY 06	RUNWAY 26	RUNWAY 06	RUNWAY 26	RUNWAY 06	RUNWAY 26	RUNWAY 06	RUNWAY 26	RUNWAY 06	RUNWAY 26
LENGTH BEYOND RUNWAY WIDTH	240' / 120'	240' / 120'	240' / 120'	240' / 120'	SAME	SAME	SAME	SAME	SAME	300' / 150'	300' / 150'	
RUNWAY END COORDINATES					SAME	SAME	SAME	SAME	SAME			
LATITUDE	39° 56' 27.76" N	39° 56' 40.98" N	SAME	SAME	SAME	SAME	SAME	39° 56' 42.14" N	SAME	SAME	SAME	
LONGITUDE	74° 51' 08.70" W	74° 50' 21.30" W	SAME	SAME	SAME	SAME	74° 50' 17.28" W	SAME	SAME	SAME	SAME	
RUNWAY END ELEVATION (MSL)	43.8	51.8	SAME	SAME	SAME	SAME	52.4	SAME	SAME	SAME	SAME	
RUNWAY LIGHTING	MBL	MBL	SAME	SAME	SAME	SAME	SAME	SAME	SAME	SAME	SAME	
RUNWAY PROTECTION (RZ) (RZ)			SAME	SAME	SAME	SAME	SAME	SAME	SAME	SAME	SAME	
INNER WIDTH	500'	500'	500'	500'	SAME	SAME	1,700'	1,000'	SAME	SAME	SAME	
OUTER WIDTH	700'	700'	700'	700'	SAME	SAME	1,570'	1,070'	SAME	SAME	SAME	
LENGTH	1,000'	1,000'	1,000'	1,000'	SAME	SAME	1,700'	1,700'	SAME	SAME	SAME	
RUNWAY MARKING	NON-PRECISION	NON-PRECISION	SAME	SAME	SAME	SAME	SAME	SAME	SAME	SAME	SAME	
ICR TYPE 14 PART 77 APPROACH CATEGORY	20:1	20:1	SAME	SAME	SAME	SAME	34:1	34:1	SAME	SAME	SAME	
APPROACH TYPE	NON-PRECISION	NON-PRECISION	SAME	SAME	SAME	SAME	SAME	SAME	SAME	SAME	SAME	
APPROACH SLOPES	6:1 FT = 1 MILE	6:1 FT = 1 MILE	SAME	SAME	250 FT = 1 MILE	250 FT = 1 MILE	250 FT = 1 MILE	250 FT = 1 MILE	250 FT = 1 MILE	250 FT = 1 MILE	250 FT = 1 MILE	
AERONAUTICAL SURVEY REQUIREMENT	NON-VERTICALLY GUIDED	NON-VERTICALLY GUIDED	SAME	SAME	VERTICALLY GUIDED	VERTICALLY GUIDED	VERTICALLY GUIDED	VERTICALLY GUIDED	SAME	SAME	SAME	
RUNWAY DEPARTURE SURFACE (DPS) (SCOPE)	YES	YES	SAME	SAME	YES	SAME	YES	SAME	SAME	SAME	SAME	
RUNWAY OBJECT FREE AREA (RFA)												
LENGTH BEYOND RUNWAY WIDTH	250' / 400'	250' / 400'	250' / 400'	250' / 400'	SAME	SAME	SAME	SAME	SAME	300' / 150'	300' / 150'	
OBSTACLE FREE ZONE (RZFZ)					SAME	SAME	SAME	SAME	SAME	500'	500'	
LENGTH BEYOND RUNWAY WIDTH	200' / 250'	200' / 250'	200' / 250'	200' / 250'	SAME	SAME	SAME	SAME	SAME	200' / 250'	200' / 250'	
THRESHOLD SITING SURFACE (TSS) PENETRATIONS			250'	250'	SAME	SAME	SAME	SAME	SAME	250'	250'	
APPROACH SURFACE (DPS) (SCOPE)	YES	YES	NONE	NONE	SAME	SAME	SAME	SAME	SAME	SAME	SAME	
APPROACH SURFACE (DPS) (SCOPE)	YES	YES	N/A	N/A	SAME	SAME	NONE	NONE	SAME	SAME	SAME	
DEPARTURE SURFACE (DPS) (SCOPE)	YES	YES	NONE	NONE	SAME	SAME	SAME	SAME	SAME	SAME	SAME	
VISUAL APPROACH AIDS	PAPIRRE	PAPIRRE	SAME	SAME	SAME	SAME	SAME	SAME	SAME	SAME	SAME	
INS RUNWAY APPROACH AIDS	NO	NO	SAME	SAME	RNAV (P) (GPS)	RNAV (P) (GPS)	RNAV (P) (GPS)	RNAV (P) (GPS)	RNAV (P) (GPS)	RNAV (P) (GPS)	RNAV (P) (GPS)	
TOUCHDOWN ZONE ELEVATION (MSL)	46.5	52.8	SAME	SAME	SAME	SAME	48.9	52.4	SAME	SAME	SAME	
*PER SURVEY R. 1000' GENERAL NOTE #1												

TAXIWAY DATA								
DESCRIPTION	EXISTING				PHASE 1	PHASE 2	PHASE 3	FUTURE
	TAXIWAY A	TAXIWAY B	TAXIWAY C	TAXIWAY D	TAXIWAY A	TAXIWAY B	TAXIWAY C	TAXIWAY D
TAXIWAY DESIGN GROUP (TDG)	1B	1B	1B	1B	2	2	2	2
TAXIWAY WIDTH	17'	34'	34'	32'	36'	36'	36'	36'
TAXIWAY EDGE SAFETY MARGIN	-	-	-	-	7.5'	7.5'	7.5'	7.5'
TAXIWAY SHOULDER WIDTH	-	-	-	-	15'	15'	15'	15'
TAXIWAY SAFETY AREA (TSA) WIDTH	-	-	-	-	79'	79'	79'	79'
TAXIWAY OBJECT FREE AREA (TOFA) WIDTH	-	-	-	-	131'	131'	131'	131'
TAXILANE OBJECT FREE AREA WIDTH	-	-	-	-	115'	115'	115'	115'
TAXIWAY CENTERLINE TO: FIXED OR MOVABLE OBJECT	N/A	N/A	N/A	N/A	65.5'	65.5'	65.5'	65.5'
TAXILANE CENTERLINE TO: FIXED OR MOVABLE OBJECT	N/A	N/A	N/A	N/A	57.5'	57.5'	57.5'	57.5'
TAXIWAY LIGHTING	MTL	MTL	MTL	MTL	SAME	SAME	SAME	SAME
SEE GENERAL NOTE 1								

EXISTING NGS MONUMENTS				APRON		
DESIGNATION	LATITUDE	LONGITUDE	ELEVATION		EXISTING	
BURLINGTON CRL 0	39° 56' 41.09" N	74° 58' 24.19" W	51.66'	DESCRIPTION	MAIN APRON	EAST APRON
BURLINGTON CRL 400	39° 56' 36.54" N	74° 58' 39.14" W	53.86'		TRANSIT APRON	
TEMPORARY GEODETIC CONTROL WAS ESTABLISHED PER THE REQUIREMENTS OF FAA AC 150X530-1BA, SECTION 2.2.2.						
GENERAL NOTES:				PAVED AREA SQUARE FOOTAGE (± 100 SF)	230,700 SF	88,000 SF
SEE SHEET PL-001				TURF AREA SQUARE FOOTAGE (± 100 SF)	86,800 SF	N/A
SHEET NOTES:						
1. THE THRESHOLD SITING CRITERIA AND ASSOCIATED DIMENSIONAL STANDARDS TO BE MET FR APPROACH END OF RUNWAY EXPECTED TO SUPPORT INSTRUMENT CATEGORY II ARE SHOWN IN THE DRAWING. THE DIMENSIONAL STANDARDS SPECIFIED IN FIGURE 3-2, AC 150X530-1A CHANGE I ARE THE FOLLOWING: A) THE THRESHOLD SITING CRITERIA AND ASSOCIATED DIMENSIONAL STANDARDS TO BE MET FR APPROACH END OF RUNWAY EXPECTED TO ACCOMMODATE INSTANT MILE DAY OR NIGHT, ARE SHOWN IN THE DRAWING. THE DIMENSIONAL STANDARDS SPECIFIED IN FIGURE 3-2, AC 150X530-1A CHANGE I ARE THE FOLLOWING: B) THE THRESHOLD SITING CRITERIA AND ASSOCIATED DIMENSIONAL STANDARDS TO BE MET FR APPROACH END OF RUNWAY EXPECTED TO ACCOMMODATE INSTRUMENT CATEGORY III ARE SHOWN IN THE DRAWING. THE DIMENSIONAL STANDARDS SPECIFIED IN FIGURE 3-2, AC 150X530-1A CHANGE I ARE THE FOLLOWING: A) R = RUNWAY WIDTH + 200'; C ± 160'; D = THE THRESHOLD SITING CRITERIA AND ASSOCIATED DIMENSIONAL STANDARDS TO BE MET FR DEPARTURE RUNWAY ENDUS DR ALL INSTRUMENT OPERATION IN FIGURE 3-4, AC 150X530-1A CHANGE I ARE THE FOLLOWING G:						
SLOPE SIDEWALK AT RUNWAY THRESHOLD, INNER WIDTH = .000; OUTER WIDTH = .646E; LENGTH = 16200"; WITH A SLOPE OF 4 : 10;						
PHASE II AND PHOSCED AC-B/H-TAXIWAY SEPARATION UNDER THE ASSUMPTION THAT IDOT WILL ALLOCATE FUNDING FOR THE ADDITIONAL 15' OF PAVE OF 500 YARDS AND LANDINGS ARE ESTABLISHED PRIOR TO BUILD OUT JUSTIFYING FEDERAL FUNDING FOR THE ENTIRE TAXIWAY SYSTEM						
AC 150X530-1A CHANGE I, PART 1, TABLE 1-1, AND ACQUISITION SHOULD INCLUDE ADEQUATE AREAS SURROUNDING THE RUNWAY(S) TO MEET PARAGRAPHS 3, AND 4 OF EXISTING AND PLANED RUNWAYS OF AIR AND RPZS.						
7. SEE VIEW E AND PLAN FOR THE LOCATION OF THE PROPERTY. SEE EXHIBIT A - SHEETS P-001 AND P-002.						
DATA SOURCES:						
GCS: NAD83, UTM ZONE 18N						

[illegible]

DATA					
	FUTURE				
	MAIN APRON	TRANSIENT APRON	TRANSIENT APRON EXPANSION	EAST APRON	EAST APRON EXPANSION
	183,600 SF	80,200 SF	17,200 SF	53,100 SF	45,500 SF
	N/A	N/A	N/A	5,400 SF	N/A

AIRPORT FACILITIES AND BUILDINGS								
EXISTING			PHASE 1			FUTURE		
NO	FACILITY NAME	TOP ELEV (MSL)	NO	FACILITY NAME	TOP ELEV (MSL)	NO	FACILITY NAME	TOP ELEV (MSL)
E1	AIRCRAFT MAINTENANCE HANGAR	71.2'	P1	JET-A FUEL TANK	±57.0'	F1	T-HANGAR - TEN BAYS	±66.0'
E2	COMMUNITY HANGAR #1 AER VEHICLE MUSEUM	76.9'	P2	RELOCATED SEGMENTED CIRCLE AND LIGHTED WINDCONE	±60.0'	F2	T-HANGAR - TEN BAYS	±66.0'
E3	ELECTRICAL VAULT BLDG.	64.1'	PHASE 2			F3	AIRCRAFT HANGAR	±97.0'
E4	COMMUNITY HANGAR #2	87.6'	NO.	FACILITY NAME	TOP ELEV (MSL)	F4	AIRCRAFT HANGAR	±101.0'
E5	COMMUNITY HANGAR #3	87.3'	P3	T-HANGAR - TEN BAYS	±66.0'	F5	NON-AVIATION DEVELOPMENT	±104.0'
E6	COMMUNITY HANGAR #4	87.3'	F4	RELOCATED AIR OPERATIONS AREA VEHICLE STORAGE	±62.0'			
E7	AV GAS FUEL TANK	57.0'	PHASE 3					
E8	FBO / TERMINAL / MAIN BLDG.	66.5'	NO.	FACILITY NAME	TOP ELEV (MSL)			
E9	T-HANGAR A	69.6'	P5	RELOCATED REL - RUNWAY 08	±47.0'			
E10	T-HANGAR D	58.7'	P6	RELOCATED REL - RUNWAY 08	±47.0'			
E11	RESIDENTIAL HOUSE THROUGH THE FENCE OPERATION	65.4'	P7	RELOCATED INDUSTRIAL SHOP #1 FBO / AIRCRAFT STORAGE	±78.0'			
E12	AIR OPERATIONS AREA (AON) VEHICLE STORAGE	63.0'	P8	RELOCATED PAR - RUNWAY 26	±57.0'			
E13	STORAGE FACILITY	62.2'	P9	RELOCATED REL - RUNWAY 26	±50.0'			
E14	STORAGE FACILITY	60.1'	P10	RELOCATED REL - RUNWAY 26	±51.0'			
E15	INDUSTRIAL SHOP #1 FBO / AIRCRAFT STORAGE	74.5'						
E16	INDUSTRIAL SHOP #2 AVIATION MAINTENANCE	74.9'						
E17	INDUSTRIAL SHOP #3 AVIATION RELATED SHOP	74.8'						
E18	REIL - RUNWAY 08	47.0'						
E19	REIL - RUNWAY 08	47.0'						
E20	PAPI - RUNWAY 08	46.7'						
E21	ROTATING BEACON	92.3'						
E22	SEGMENTED CIRCLE AND LIGHTED WINDCONE	64.1'						
E23	PAPI - RUNWAY 26	53.9'						
E24	REIL - RUNWAY 26	53.0'						
E25	REIL - RUNWAY 26	53.0'						
E26	AUTOMATED SURFACE OBSERVATION SYSTEM (ASOS)	61.3'						

AECOM

PROJECT

VAY Airport Master Plan
ALP Drawing Set
August 2014

South Jersey Regional Airport (VAY)
68 Stacy Haines Road
Lumberton, NJ 08048

CLIENT/SPONSOR

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FEDERAL AVIATION ADMINISTRATION
HARRISBURG AIRPORTS DISTRICT OFFICE

CONDITIONALLY APPROVED

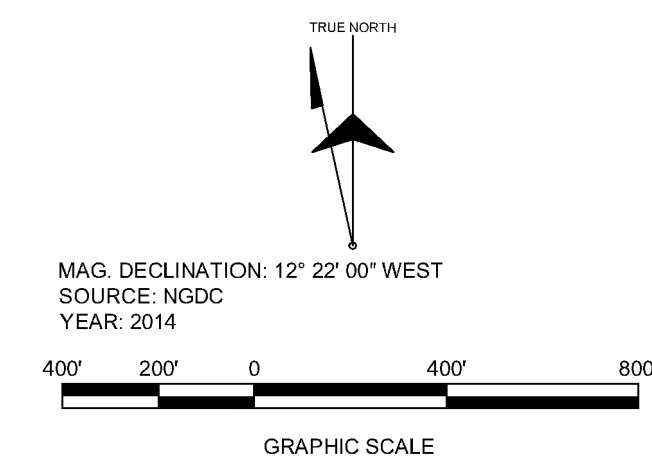
MANAGER, HAR - ADO

DATE _____

SUBJECT TO COMMENTS IN LETTER
DATED:

AIRSPACE STUDY NUMBER

20XX-AEA-XXXX-NRA



REVISION

R	DATE	DESCRIPTION

KEY PLAN

PROJECT NUMBER

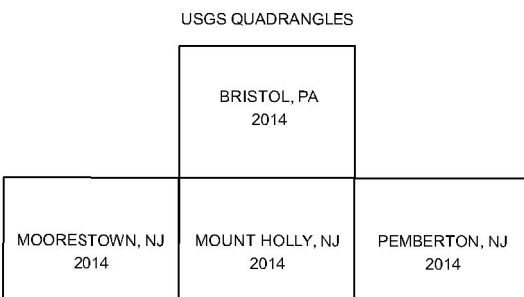
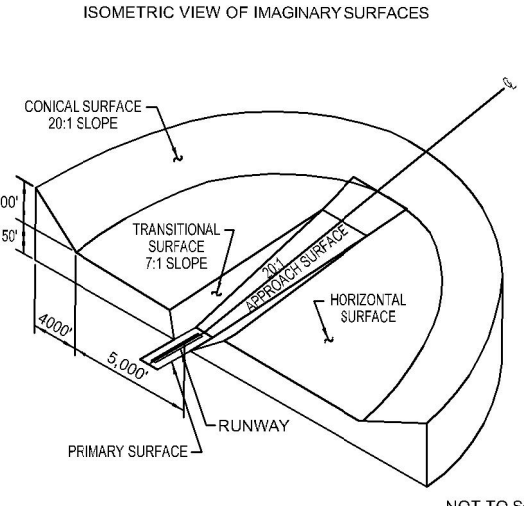
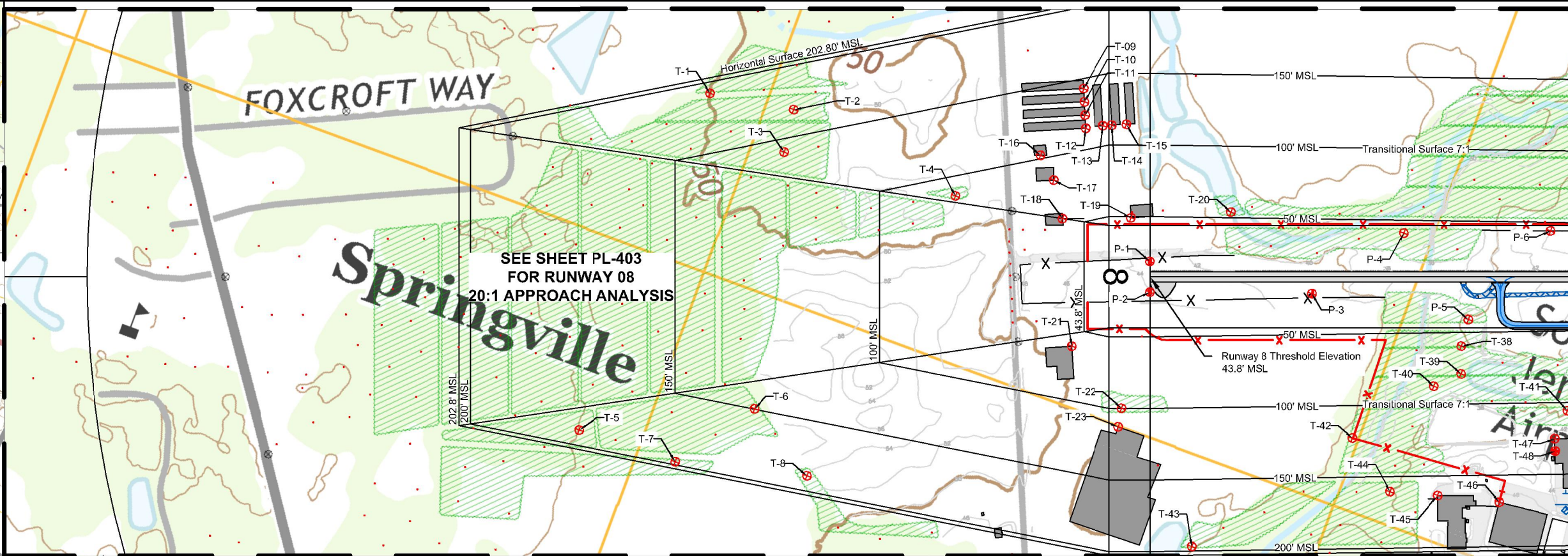
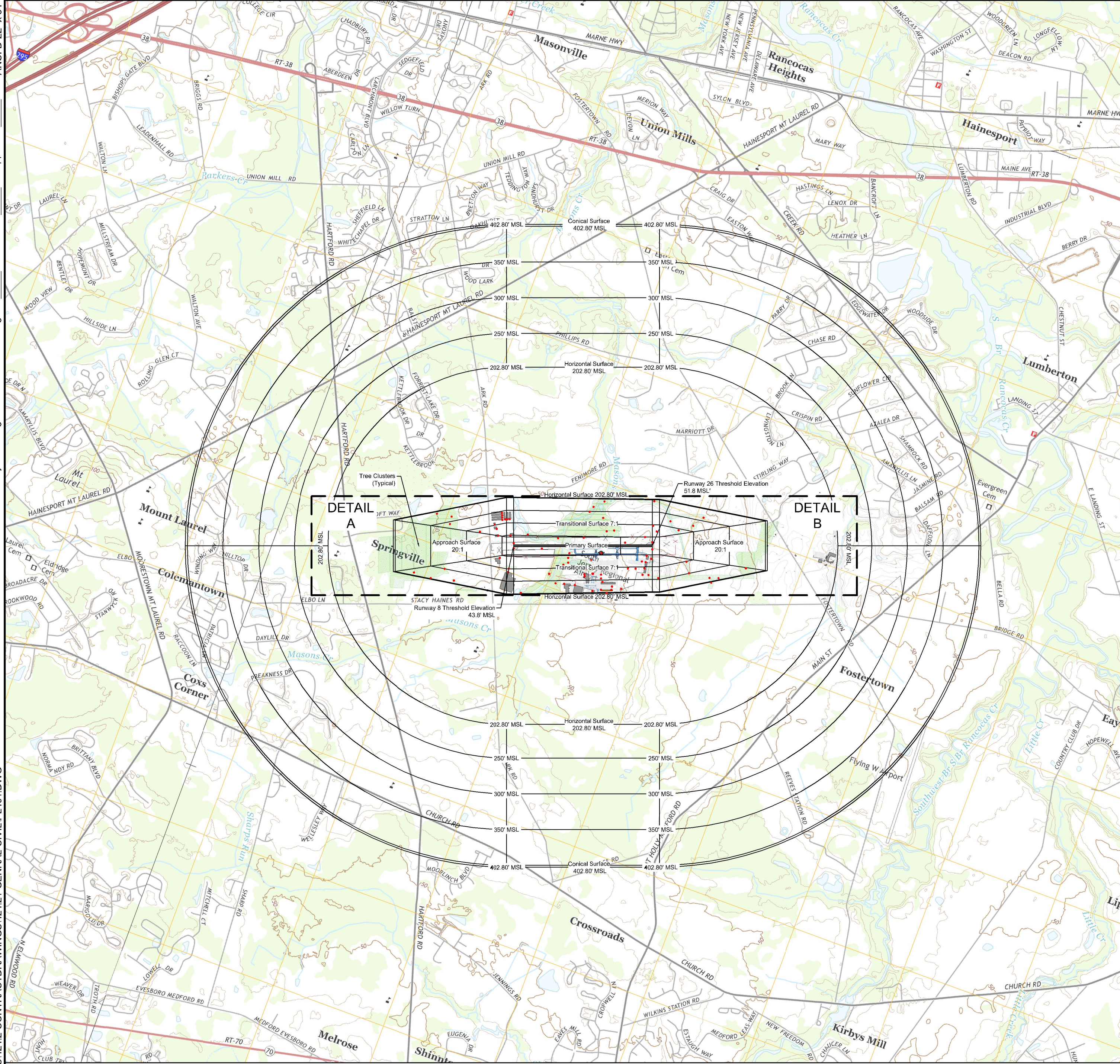
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SHEET TITLE

ULTIMATE AIRPORT LAYOUT PLAN

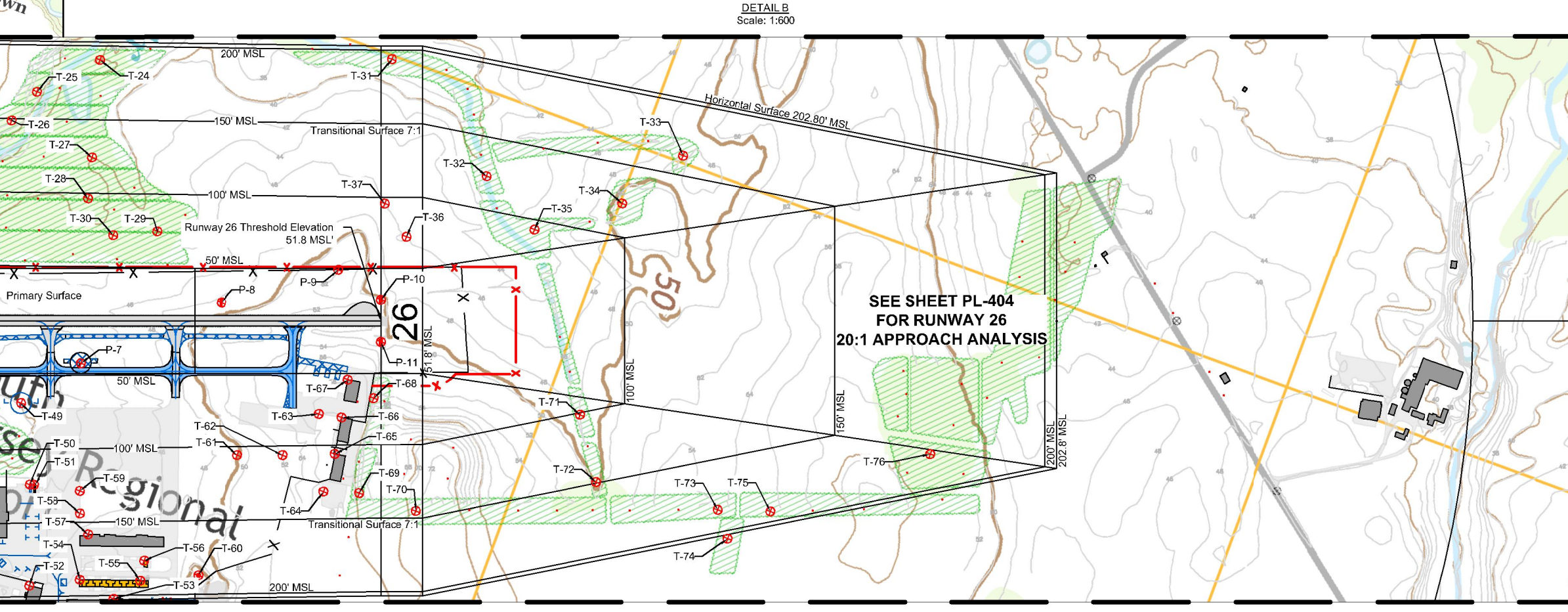
SHEET NUMBER

PI -002



OBSTRUCTION IDENTIFICATION SURFACES CODE OF FEDERAL REGULATIONS PART 77						
ITEM	VISUAL RUNWAY		NON-PRECISION INSTRUMENT RUNWAY		PRECISION INSTRUMENT RUNWAY	
	A	B	A	B	D	
WIDTH OF PRIMARY SURFACE AND APPROACH SURFACE WIDTH AT INNER END	250	500	500	500	1,000	1,000
RADIUS OF HORIZONTAL SURFACE	5,000	5,000	5,000	10,000	10,000	10,000
APPROACH SURFACE WIDTH AT END	VISUAL RUNWAY		NON-PRECISION INSTRUMENT RUNWAY		PRECISION INSTRUMENT RUNWAY	
	A	B	A	B	D	
APPROACH SURFACE LENGTH	1,250	1,500	2,000	3,500	4,000	15,000
APPROACH SLOPE	20:1	20:1	20:1	34:1	34:1	-

GENERAL NOTES:
SEE SHEET PL-401
SHEET NOTES:
1. THE OBSTRUCTION IDENTIFICATION SURFACE DIMENSIONS ARE DEFINED IN THE CODE OF FEDERAL REGULATIONS PART 77 AS: A- UTILITY RUNWAYS, B- RUNWAYS LARGER THAN UTILITY, C- VISIBILITY MINIMUMS GREATER THAN 3/4 MILE, D- VISIBILITY MINIMUM AS LOW AS 3/4 MILE, E- PRECISION INSTRUMENT APPROACH SLOPE IS 50:1 FOR INNER 10,000 FEET AND 40:1 FOR AN ADDITIONAL 4,000 FEET.
2. MINIMUM OBSTRUCTION ORDNANCE STANDARDS ARE DEFINED IN NEW JERSEY ADMINISTRATIVE CODE TITLE 16, DEPARTMENT OF TRANSPORTATION, CHAPTER 62, AIR SAFETY AND ZONING, SUBCHAPTER 4, OBSTRUCTION ORDNANCE STANDARDS 8.
3. OBSTACLES ARE EVALUATED USING THE 2012 VAY AERONAUTICAL SURVEY UNLESS OTHERWISE NOTED.
4. TREE STAND ELEVATIONS WERE DETERMINED BASED ON THE TALLEST TREE WITHIN A CLUSTER.
5. ANY TEMPORARY OR PERMANENT STRUCTURE INCLUDING AIR APPURTENANCES, THAT EXCEED AN OVERALL HEIGHT OF 200 FEET (61M) ABOVE GROUND LEVEL (ASL) OR EXCEEDS ANY OBSTRUCTION STANDARD CONTAINED IN CFR TITLE 14 PART 77, SHOULD BE MARKED AN NDOR LIGHTED PER AVIATION CIRCULAR 707460-1.
DATA SOURCES:
SEE SHEET PL-401



AIRSPACE OBSTRUCTION DATA TABLE									
OBJECT ID	DESCRIPTION	DATE OF OBSTRUCTION SURVEY	OBJECT ELEVATION		CONTROLLING SURFACE	SURFACE PENETRATION (FT.) (* DENOTES CLEARANCE)	PROPOSED DISPOSITION	TRIGGERING EVENT / EXPECTED REMOVAL DATE	
			GROUND CONTOUR (MSL)	OBJECT HEIGHT (ASL)					
T-1	TREE CLUSTER	2012	50.0	94.2	7:1 TRANSITIONAL	-45.9	NONE	NONE / NONE	
T-2	TREE CLUSTER	2012	49.0	91.0	7:1 TRANSITIONAL	-42.0	NONE	NONE / NONE	
T-3	TREE CLUSTER	2012	49.0	97.7	7:1 TRANSITIONAL	-48.7	REMOVE	EXISTING / NONE	
T-4	TREE CLUSTER	2012	48.0	43.3	7:1 TRANSITIONAL	-5.1	REMOVE	EXISTING / NONE	
T-5	TREE CLUSTER	2012	50.0	101.0	7:1 TRANSITIONAL	-51.0	NONE	NONE / NONE	
T-6	TREE CLUSTER	2012	56.0	92.9	7:1 TRANSITIONAL	-1.8	NONE	NONE / NONE	
T-7	TREE CLUSTER	2012	50.0	97.4	7:1 TRANSITIONAL	-47.4	NONE	NONE / NONE	
T-8	TREE CLUSTER	2012	50.0	46.2	7:1 TRANSITIONAL	-46.2	NONE	NONE / NONE	
T-9	OFF-AIRPORT BUILDING	NONE	44.0	11.0	55.0	-74.0	NONE	NONE / NONE	
T-10	OFF-AIRPORT BUILDING	NONE	44.0	11.0	55.0	-74.0	NONE	NONE / NONE	
T-11	OFF-AIRPORT BUILDING	NONE	44.0	11.0	55.0	-74.0	NONE	NONE / NONE	
T-12	OFF-AIRPORT BUILDING	NONE	44.0	11.0	55.0	-74.0	NONE	NONE / NONE	
T-13	OFF-AIRPORT BUILDING	NONE	43.0	11.0	54.0	-71.0	NONE	NONE / NONE	
T-14	OFF-AIRPORT BUILDING	NONE	43.0	11.0	54.0	-71.0	NONE	NONE / NONE	
T-15	OFF-AIRPORT BUILDING	NONE	43.0	11.0	54.0	-71.0	NONE	NONE / NONE	
T-16	OFF-AIRPORT BUILDING	NONE	47.0	32.0	7:1 TRANSITIONAL	-40.0	NONE	NONE / NONE	
T-17	OFF-AIRPORT BUILDING	NONE	47.0	27.0	7:1 TRANSITIONAL	-46.0	NONE	NONE / NONE	
T-18	OFF-AIRPORT BUILDING	NONE	48.0	35.0	7:1 TRANSITIONAL	-28.0	OBSTRUCTION LIGHTING	EXISTING / NONE	
T-19	OFF-AIRPORT BUILDING	NONE	48.0	23.0	7:1 TRANSITIONAL	-25.0	OBSTRUCTION LIGHTING	EXISTING / NONE	
T-20	TREE CLUSTER	2012	38.0	58.6	7:1 TRANSITIONAL	-22.6	REMOVE	EXISTING / NONE	
T-21	OFF-AIRPORT BUILDING	2012	50.0	69.0	7:1 TRANSITIONAL	-19.0	OBSTRUCTION LIGHTING	EXISTING / NONE	
T-22	TREE CLUSTER	2012	52.0	45.9	7:1 TRANSITIONAL	-6.9	NONE	NONE / NONE	
T-23	OFF-AIRPORT BUILDING	NONE	49.0	32.0	7:1 TRANSITIONAL	-17.0	NONE	NONE / NONE	
T-24	TREE CLUSTER	2012	30.0	78.9	7:1 TRANSITIONAL	-48.9	NONE	NONE / NONE	
T-25	TREE CLUSTER	2012	31.0	81.3	7:1 TRANSITIONAL	-50.3	NONE	NONE / NONE	
T-26	TREE CLUSTER	2012	32.0	84.9	7:1 TRANSITIONAL	-52.9	NONE	NONE / NONE	
T-27	TREE CLUSTER	2012	30.0	89.0	7:1 TRANSITIONAL	-59.0	REMOVE	EXISTING / NONE	
T-28	TREE CLUSTER	2012	42.0	90.2	7:1 TRANSITIONAL	-48.2	REMOVE	EXISTING / NONE	
T-29	TREE CLUSTER	2012	44.0	87.1	7:1 TRANSITIONAL	-43.1	REMOVE	EXISTING / NONE	
T-30	TREE CLUSTER	2012	48.0	131.2	7:1 TRANSITIONAL	-83.2	REMOVE	EXISTING / NONE	
T-31	TREE CLUSTER	2012	39.0	61.6	7:1 TRANSITIONAL	-22.6	NONE	NONE / NONE	
T-32	TREE CLUSTER	2012	40.0	58.5	7:1 TRANSITIONAL	-18.5	NONE	NONE / NONE	
T-33	TREE CLUSTER	2012	48.0	55.1	7:1 TRANSITIONAL	-12.9	NONE	NONE / NONE	
T-34	TREE CLUSTER	2012	50.0	54.4	7:1 TRANSITIONAL	-15.6	NONE	NONE / NONE	
T-35	TREE CLUSTER	2012	49.0	67.3	7:1 TRANSITIONAL	-18.3	NONE	NONE / NONE	
T-36	TREE CLUSTER	2012	48.0	30.2	7:1 TRANSITIONAL	-41.8	REMOVE	EXISTING / NONE	
T-37	GROUND	2012	46.8	0.0	46.8	-46.8	NONE	NONE / NONE	
T-38	TREE CLUSTER	2012	40.0	58.2	7:1 TRANSITIONAL	-18.2	REMOVE	EXISTING / NONE	
T-39	TREE CLUSTER	2012	38.0	82.4	7:1 TRANSITIONAL	-44.4	REMOVE	EXISTING / NONE	
T-40	TREE CLUSTER	2012	40.0	67.1	7:1 TRANSITIONAL	-27.1	REMOVE	EXISTING / NONE	
T-41	TREE CLUSTER	2012	40.0	55.9	7:1 TRANSITIONAL	-15.9	NONE	NONE / NONE	
T-42	TREE CLUSTER	2012	38.0	78.9	7:1 TRANSITIONAL	-40.9	NONE	NONE / NONE	
T-43	TREE CLUSTER	2012	40.0	52.3	7:1 TRANSITIONAL	-12.3	NONE	NONE / NONE	
T-44	TREE CLUSTER	2012	40.0	77.1	7:1 TRANSITIONAL	-37.1	NONE	NONE / NONE	

AIRSPACE OBSTRUCTION DATA TABLE									
OBJECT ID	DESCRIPTION	DATE OF OBSTRUCTION SURVEY	OBJECT ELEVATION		CONTROLLING SURFACE	SURFACE PENETRATION (FT.) (* DENOTES CLEARANCE)	PROPOSED DISPOSITION	TRIGGERING EVENT / EXPECTED REMOVAL DATE	
			GROUND CONTOUR (MSL)	OBJECT HEIGHT (ASL)					
T-45	AIRCRAFT MAINTENANCE HANGAR	2012	44.0	27.2	7:1 TRANSITIONAL	-16.8	NONE	NONE / NONE	
T-46	AIR VICTORY MUSEUM	2012	43.0	26.9	7:1 TRANSITIONAL	-16.1	NONE	NONE / NONE	
T-47	COMMUNITY HANGAR #4	2012	43.0	44.0	7:1 TRANSITIONAL	-1.0	NONE	NONE / NONE	
T-48	ROTATING BEACON	2012	44.0	48.3	7:1 TRANSITIONAL	-4.3	NONE	NONE / NONE	
T-49	RELOCATED SEGMENTED CRCE & WINDCONE (PHASE 1)	2012	44.0	20.0	7:1 TRANSITIONAL	-24.0	NONE	NONE / NONE	
T-50	JET-A FUEL TANK (PHASE 1)	NONE	42.0	15.0	57.0	-15.0	NONE	NONE / NONE	
T-51	AVIATION FUEL TANK	2012	42.0	15.0	57.0	-15.0	NONE	NONE / NONE	
T-52	FBO TERMINAL BUILDING	2012	47.0	21.5	68.5	-26.5	NONE	NONE / NONE	
T-53	HANGAR	2012	49.0	20.6	69.6	-49.4	NONE	NONE / NONE	
T-54	HANGAR - TEN BAYS (PHASE 2)	NONE	48.0	20.0	68.0	-18.0	NONE	NONE / NONE	
T-55	ADA VEHICLE STORAGE	NONE	48.0	15.0	63.0	-15.0	NONE	NONE / NONE	
T-56	RELOCATED ADA VEHICLE STORAGE (PHASE 2)	2012	47.0	15.0	62.0	-15.0	NONE	NONE / NONE	
T-57	RELOCATED ADA VEHICLE STORAGE (PHASE 2)	2012	47.0	11.7	58.7	-11.7	NONE	NONE / NONE	
T-58	SEE SHEET PL-402 *	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
T-59	SEE SHEET PL-402 *	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
T-60	SEE SHEET PL-402 *	2012	50.0	11.3	61.3	-11.3	7:1 TRANSITIONAL	NONE / NONE	
T-61	SEE SHEET PL-402 *	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
T-62	SEE SHEET PL-402 *	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
T-63	SEE SHEET PL-402 *	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
T-64	SEE SHEET PL-402 *	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
T-65	INDUSTRIAL SHOP #2	2012	58.0	15.9	73.9	-15.9	NONE	NONE / NONE	
T-66	INDUSTRIAL SHOP #1	2012	58.0	15.5	73.5	-15.5	NONE	NONE / NONE	
T-67	TREE CLUSTER	2012	58.0	120.4	7:1 TRANSITIONAL	-62.4	OBSTRUCTION LIGHTING	EXISTING / NONE	
T-68	TREE CLUSTER	2012	60.0	72.4	7:1 TRANSITIONAL	-12.4	NONE	NONE / NONE	
T-69	TREE CLUSTER	2012	71.0	62.0	7:1 TRANSITIONAL	-9.0	NONE	NONE / NONE	
T-70	TREE CLUSTER	2012	60.0	53.2	7:1 TRANSITIONAL	-6.8	NONE	NONE / NONE	
T-71	TREE CLUSTER	2012	62.0	101.2	7:1 TRANSITIONAL	-39.2	NONE	NONE / NONE	
T-72	TREE CLUSTER	2012	49.0	116.4	7:1 TRANSITIONAL	-67.4	NONE	NONE / NONE	
T-73	TREE CLUSTER	2012	54.0	69.3	7:1 TRANSITIONAL	-15.3	NONE	NONE / NONE	
T-74	TREE CLUSTER	2012	54.0	57.8	7:1 TRANSITIONAL	-3.8	NONE	NONE / NONE	
T-75	TREE CLUSTER	2012	66.0	119.4	7:1 TRANSITIONAL	-53.4	NONE	NONE / NONE	
T-76	TREE CLUSTER	2012	40.0	101.7	7:1 TRANSITIONAL	-61.7	NONE	NONE / NONE	
P-1	REIL - RUNWAY 08	NONE	44.0	3.0	47.0	-3.0	NONE	NONE / NONE	
P-2	REIL - RUNWAY 08	NONE	44.0	3.0	47.0	-3.0	NONE	NONE / NONE	
P-3	REIL - RUNWAY 08	NONE	40.0	11.2	51.2	-11.2	PRIMARY	NONE / NONE	
P-4	TREE CLUSTER	2012	36.0	74.4	110.4	-74.4	REMOVE	EXISTING / NONE	
P-5	TREE CLUSTER	2012	40.0	54.5	94.5	-54.5	REMOVE	EXISTING / NONE	
P-6	FENCE	2012	40.0	5.2	45.2	-5.2	OBSTRUCTION LIGHTING	EXISTING / NONE	
P-7	WINDCONE	2012	43.0	21.2	64.2	-21.2	OBSTRUCTION LIGHTING	EXISTING / NONE	
P-8	PAPI - RUNWAY 26	2012	52.0	5.9	57.9	-5.9	NONE	NONE / NONE	
P-9	FENCE	2012	52.0	2.7	54.7	-2.7	OBSTRUCTION LIGHTING	EXISTING / NONE	
P-10	REIL - RUNWAY 26	NONE	50.0	3.0	53.0	-3.0	NONE	NONE / NONE	
P-11	REIL - RUNWAY 26	NONE	49.0	3.0	52.0	-3.0	NONE	NONE / NONE	

* SEE SHEET PL-402 AIRSPACE OBSTRUCTION DATA TABLE FOR PROPOSED STRUCTURES IN PHASE 1 AND FUTURE DEVELOPMENT.

LEGEND			
DESCRIPTION	EXISTING	PHASE 1	PHASE 2
CRITICAL OBJECT IDENTIFICATION		SAME	SAME
TREE STAND		SAME	SAME
GROUND ELEVATION CONTOURS		SAME	SAME
STRUCTURES			
DEMOLITION	NONE		

AECOM

PROJECT

VAY Airport Master Plan
ALP Drawing Set
August 2014

South Jersey Regional Airport (VAY)
68 Stacy Haines Road
Lumberton, NJ 08048

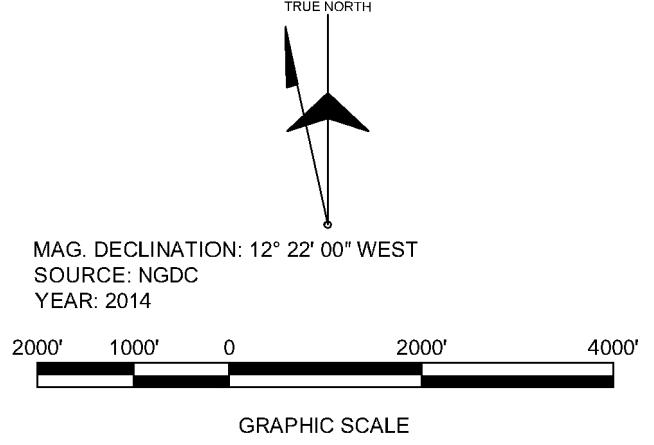
CLIENT/SPONSOR

NJDOT

1035 Parkway Avenue, P.O. Box 600
Trenton, NJ 08625-0600
609.530.2900 tel
www.nj.gov/transportation

CONSULTANT

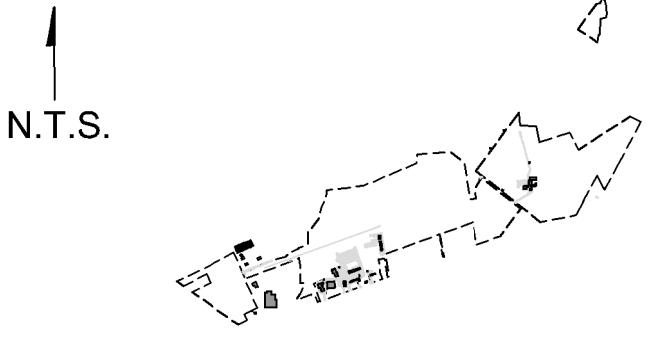
AECOM Technical Services Inc.
1700 Market Street, Suite 1600
Philadelphia, PA 19103
215.399.4300 tel 215.399.4371 fax
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REVISION

REVISION	DATE	DESCRIPTION

KEY PLAN



PROJECT NUMBER

60247819

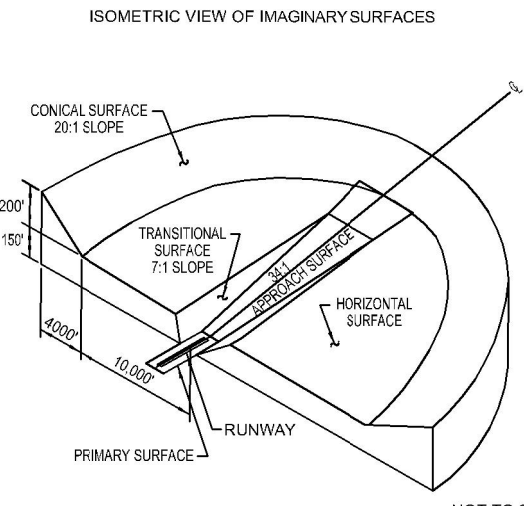
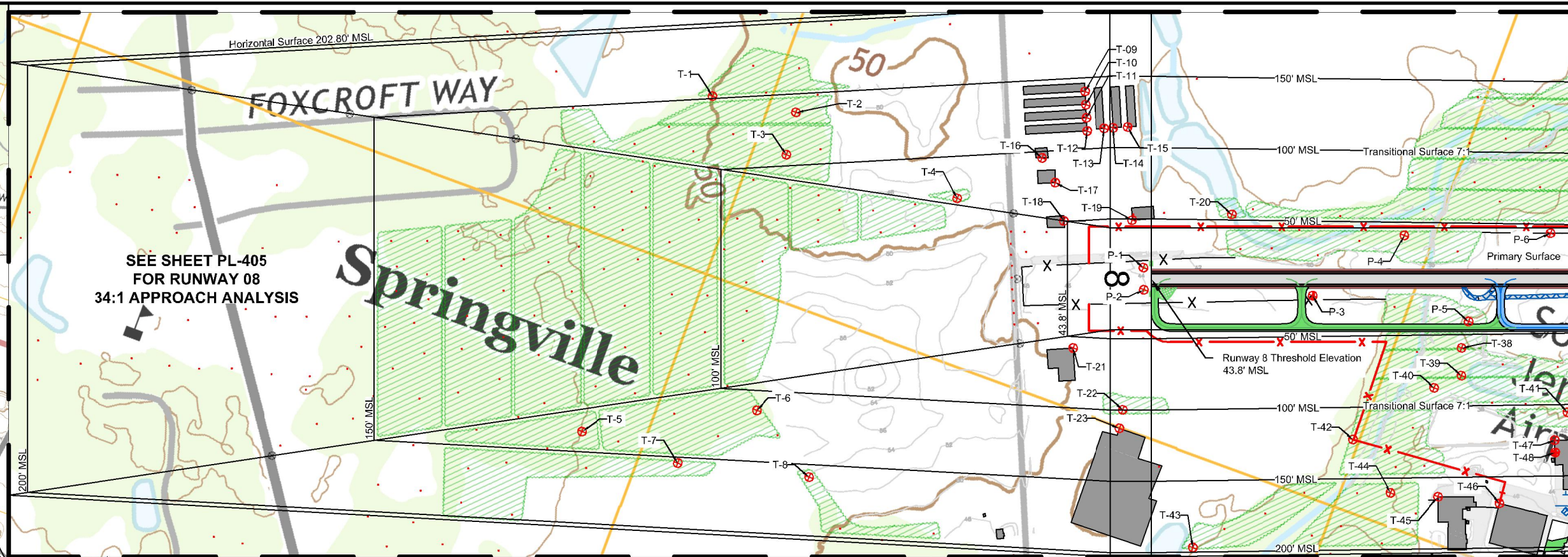
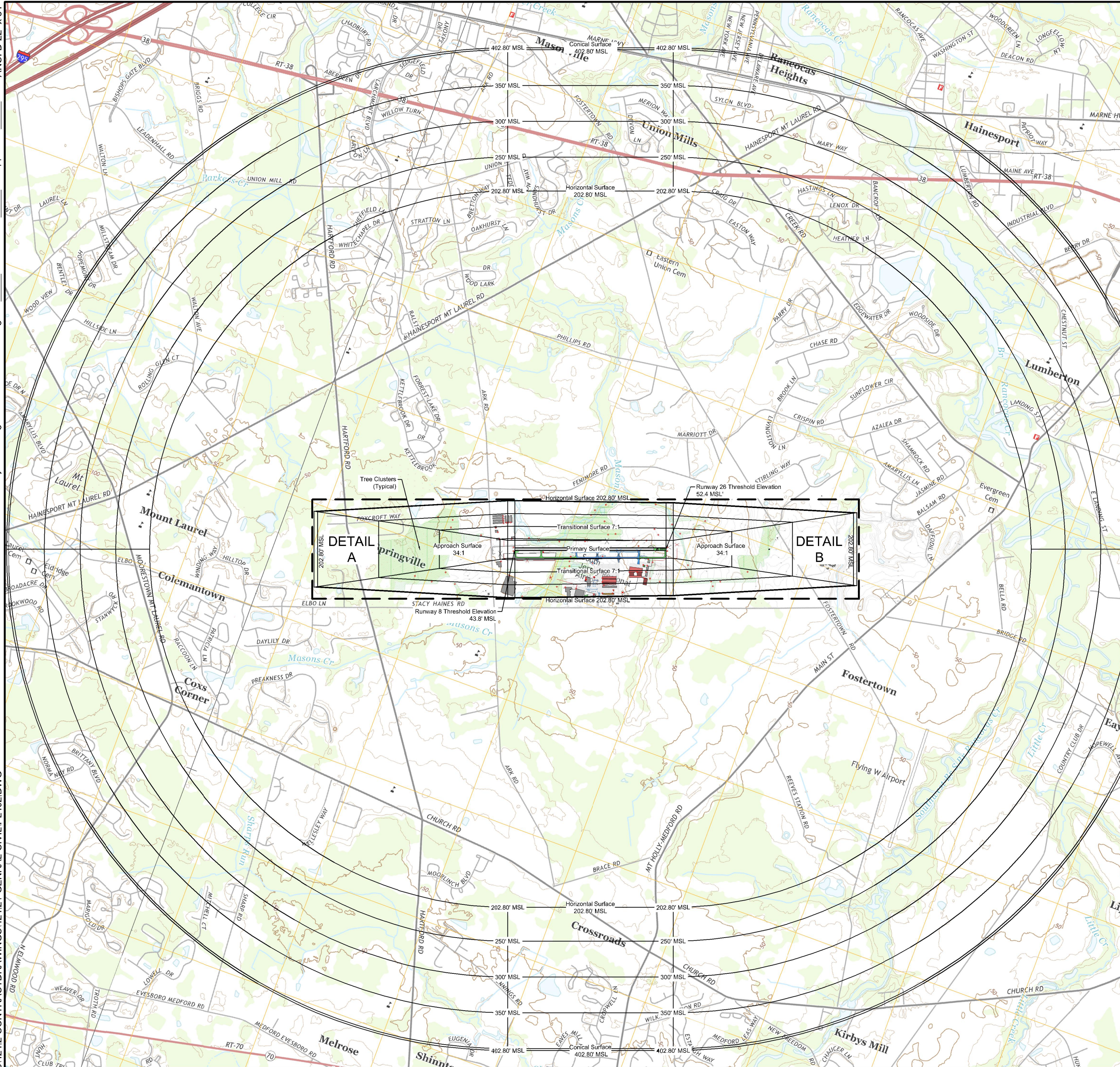
SHEET TITLE

EXISTING AIRPORT AIRSPACE PLAN

SHEET NUMBER

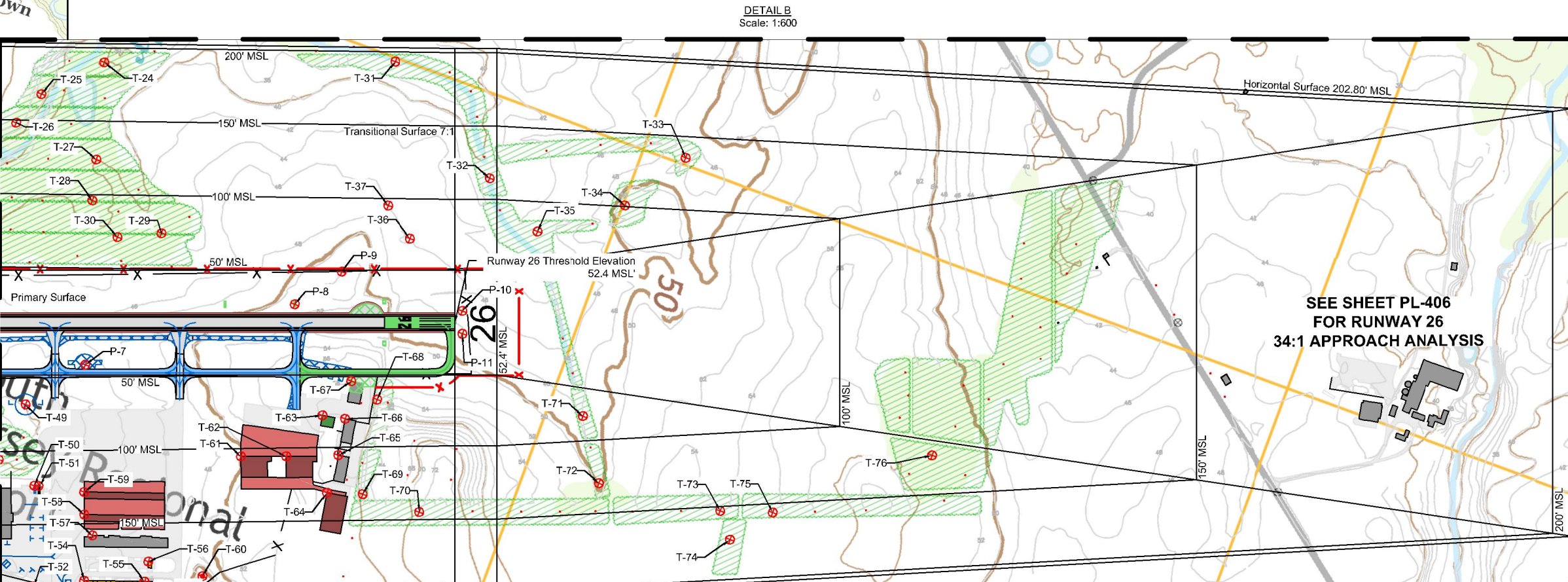
PL-401

File name: P:\AVIATION\VA\###-TRADITIONAL ALP SET\400-TECHNICAL\424-CADDFILES\424.2-CONTRACT\DRAWINGS\424.21-GENERAL-CIVIL\PL0402.DWG
Project Management Initials: Designer: G.W.G. Checked: B.W.J. Approved: R.P. ANS/D 22" x 34"



OBSTRUCTION IDENTIFICATION SURFACES CODE OF FEDERAL REGULATIONS PART 77						
ITEM	VISUAL RUNWAY		NON-PRECISION INSTRUMENT RUNWAY		PRECISION INSTRUMENT RUNWAY	
	A	B	A	B	D	
WIDTH OF PRIMARY SURFACE AND APPROACH SURFACE WIDTH AT INNER END	250	500	500	500	1,000	1,000
RADIUS OF HORIZONTAL SURFACE	5,000	5,000	5,000	10,000	10,000	10,000
APPROACH SURFACE WIDTH AT END	VISUAL RUNWAY		NON-PRECISION INSTRUMENT RUNWAY		PRECISION INSTRUMENT RUNWAY	
	A	B	A	B	D	
APPROACH SURFACE LENGTH	1,250	1,500	2,000	3,500	4,000	15,000
APPROACH SLOPE	20:1	20:1	20:1	34:1	34:1	-

- GENERAL NOTES:
SEE SHEET PL-001
- SHEET NOTES:
1. THE OBSTRUCTION IDENTIFICATION SURFACE DIMENSIONS ARE DEFINED IN THE CODE OF FEDERAL REGULATIONS PART 77 AS: A - UTILITY RUNWAYS, B - RUNWAYS LARGER THAN UTILITY, C - VISIBILITY MINIMUMS GREATER THAN 3/4 MILE, D - VISIBILITY MINIMUM AS LOW AS 3/4 MILE, E - PRECISION INSTRUMENT APPROACH SLOPE IS 50:1 FOR INNER 1,000 FEET AND 40:1 FOR AN ADDITIONAL 4,000 FEET.
2. MINIMUM OBSTRUCTION ORDNANCE STANDARDS ARE DEFINED IN NEW JERSEY ADMINISTRATIVE CODE TITLE 16, DEPARTMENT OF TRANSPORTATION, CHAPTER 62, AIR SAFETY AND ZONING, SUBCHAPTER 4, OBSTRUCTION ORDNANCE STANDARDS 8.
3. OBSTACLES ARE EVALUATED USING THE 2012 VAY AERONAUTICAL SURVEY UNLESS OTHERWISE NOTED.
4. TREE STAND ELEVATIONS WERE DETERMINED BASED ON THE TALLEST TREE WITHIN A CLUSTER.
5. ANY TEMPORARY OR PERMANENT STRUCTURE, INCLUDING AL APPURTENANCES, THAT EXCEED AN OVERALL HEIGHT OF 200 FEET (61M) ABOVE GROUND LEVEL (ASL) OR EXCEEDS ANY OBSTRUCTION STANDARD CONTAINED IN CFR TITLE 14 PART 77, SHOULD BE MARKED AND/OR LIGHTED PER ADVISORY CIRCULAR 707460-1.
- DATA SOURCES:
SEE SHEET PL-001



AIRSPACE OBSTRUCTION DATA TABLE									
OBJECT ID	DESCRIPTION	DATE OF OBSTRUCTION SURVEY	OBJECT ELEVATION (MSL)	OBJECT HEIGHT (MSL)	CONTROLLING SURFACE	SURFACE PENETRATION (FT.)	PROPOSED DISPOSITION	TRIGGERING EVENT / EXPECTED REMOVAL DATE	
T-1	TREE CLUSTER	2012	50.0	94.2	7:1 TRANSITIONAL	-7.5	NONE	NONE / NONE	
T-2	TREE CLUSTER	2012	45.0	91.0	7:1 TRANSITIONAL	-3.1	REMOVE	EXISTING / NONE	
T-3	TREE CLUSTER	2012	49.0	97.7	7:1 TRANSITIONAL	39.0	REMOVE	EXISTING / NONE	
T-4	TREE CLUSTER	2012	48.0	43.3	7:1 TRANSITIONAL	50.8	REMOVE	EXISTING / NONE	
T-5	TREE CLUSTER	2012	50.0	101.0	7:1 TRANSITIONAL	15.0	REMOVE	EXISTING / NONE	
T-6	TREE CLUSTER	2012	55.0	92.9	7:1 TRANSITIONAL	33.8	REMOVE	EXISTING / NONE	
T-7	TREE CLUSTER	2012	50.0	97.4	7:1 TRANSITIONAL	-4.6	NONE	NONE / NONE	
T-8	TREE CLUSTER	2012	53.0	49.2	7:1 TRANSITIONAL	49.2	NONE	NONE / NONE	
T-9	OFF-AIRPORT BUILDING	NONE	44.0	11.0	7:1 TRANSITIONAL	-85.4	NONE	NONE / NONE	
T-10	OFF-AIRPORT BUILDING	NONE	44.0	11.0	7:1 TRANSITIONAL	-76.1	NONE	NONE / NONE	
T-11	OFF-AIRPORT BUILDING	NONE	44.0	11.0	7:1 TRANSITIONAL	-48.0	NONE	NONE / NONE	
T-12	OFF-AIRPORT BUILDING	NONE	44.0	11.0	7:1 TRANSITIONAL	-57.5	NONE	NONE / NONE	
T-13	OFF-AIRPORT BUILDING	NONE	43.0	11.0	7:1 TRANSITIONAL	-60.7	NONE	NONE / NONE	
T-14	OFF-AIRPORT BUILDING	NONE	43.0	11.0	7:1 TRANSITIONAL	-59.9	NONE	NONE / NONE	
T-15	OFF-AIRPORT BUILDING	NONE	43.0	11.0	7:1 TRANSITIONAL	-60.4	NONE	NONE / NONE	
T-16	OFF-AIRPORT BUILDING	NONE	47.0	32.0	7:1 TRANSITIONAL	-18.4	NONE	NONE / NONE	
T-17	OFF-AIRPORT BUILDING	NONE	47.0	27.0	7:1 TRANSITIONAL	-3.7	NONE	NONE / NONE	
T-18	OFF-AIRPORT BUILDING	NONE	46.0	26.0	7:1 TRANSITIONAL	-30.5	OBSTRUCTION LIGHTING	EXISTING / NONE	
T-19	OFF-AIRPORT BUILDING	NONE	44.0	23.0	7:1 TRANSITIONAL	-17.8	OBSTRUCTION LIGHTING	EXISTING / NONE	
T-20	TREE CLUSTER	2012	38.0	58.6	7:1 TRANSITIONAL	42.6	REMOVE	EXISTING / NONE	
T-21	OFF-AIRPORT BUILDING	NONE	51.0	61.0	7:1 TRANSITIONAL	-11.0	OBSTRUCTION LIGHTING	EXISTING / NONE	
T-22	TREE CLUSTER	2012	52.0	45.9	7:1 TRANSITIONAL	-1.9	NONE	NONE / NONE	
T-23	OFF-AIRPORT BUILDING	NONE	49.0	32.0	7:1 TRANSITIONAL	-31.7	NONE	NONE / NONE	
T-24	TREE CLUSTER	2012	30.0	78.9	7:1 TRANSITIONAL	48.2	NONE	NONE / NONE	
T-25	TREE CLUSTER	2012	31.0	61.3	7:1 TRANSITIONAL	-55.6	NONE	NONE / NONE	
T-26	TREE CLUSTER	2012	32.0	84.9	7:1 TRANSITIONAL	-31.3	NONE	NONE / NONE	
T-27	TREE CLUSTER	2012	39.0	69.0	7:1 TRANSITIONAL	4.2	REMOVE	EXISTING / NONE	
T-28	TREE CLUSTER	2012	42.0	90.2	7:1 TRANSITIONAL	38.3	REMOVE	EXISTING / NONE	
T-29	TREE CLUSTER	2012	44.0	86.1	7:1 TRANSITIONAL	61.8	REMOVE	EXISTING / NONE	
T-30	TREE CLUSTER	2012	44.0	87.2	7:1 TRANSITIONAL	60.0	REMOVE	EXISTING / NONE	
T-31	TREE CLUSTER	2012	39.0	61.6	7:1 TRANSITIONAL	-92.7	NONE	NONE / NONE	
T-32	TREE CLUSTER	2012	45.0	86.6	7:1 TRANSITIONAL	-16.6	NONE	NONE / NONE	
T-33	TREE CLUSTER	2012	48.0	66.1	7:1 TRANSITIONAL	-32.3	NONE	NONE / NONE	
T-34	TREE CLUSTER	2012	50.0	54.4	7:1 TRANSITIONAL	-30.7	REMOVE	EXISTING / NONE	
T-35	TREE CLUSTER	2012	45.0	67.3	7:1 TRANSITIONAL	-32.3	REMOVE	EXISTING / NONE	
T-36	TREE CLUSTER	2012	46.0	30.2	7:1 TRANSITIONAL	3.4	REMOVE	EXISTING / NONE	
T-37	GROUND	2012	46.0	0.0	7:1 TRANSITIONAL	-48.3	NONE	NONE / NONE	
T-38	TREE CLUSTER	2012	49.0	88.2	7:1 TRANSITIONAL	38.4	REMOVE	EXISTING / NONE	
T-39	TREE CLUSTER	2012	36.0	82.4	7:1 TRANSITIONAL	39.7	REMOVE	EXISTING / NONE	
T-40	TREE CLUSTER	2012	47.0	67.1	7:1 TRANSITIONAL	-17.0	REMOVE	EXISTING / NONE	
T-41	TREE CLUSTER	2012	40.0	56.9	7:1 TRANSITIONAL	-8.4	NONE	NONE / NONE	
T-42	TREE CLUSTER	2012	36.0	78.9	7:1 TRANSITIONAL	-48.3	NONE	NONE / NONE	
T-43	TREE CLUSTER	2012	50.0	62.3	7:1 TRANSITIONAL	-18.3	NONE	NONE / NONE	
T-44	TREE CLUSTER	2012	40.0	77.1	7:1 TRANSITIONAL	-43.1	NONE	NONE / NONE	

AIRSPACE OBSTRUCTION DATA TABLE									
OBJECT ID	DESCRIPTION	DATE OF OBSTRUCTION SURVEY	OBJECT ELEVATION (MSL)	OBJECT HEIGHT (MSL)	CONTROLLING SURFACE	SURFACE PENETRATION (FT.)	PROPOSED DISPOSITION	TRIGGERING EVENT / EXPECTED REMOVAL DATE	
T-45	AIRCRAFT MAINTENANCE HANGAR	2012	44.0	27.2	7:1 TRANSITIONAL	-26.1	NONE	NONE / NONE	
T-46	AIR VICTORY MUSEUM	2012	39.0	46.0	7:1 TRANSITIONAL	-9.7	NONE	NONE / NONE	
T-47	COMMUNITY HANGAR #4	2012	43.3	46.0	7:1 TRANSITIONAL	-37.5	NONE	NONE / NONE	
T-48	ROTATING BEACON	2012	44.0	48.3	7:1 TRANSITIONAL	-41.2	NONE	NONE / NONE	
T-49	RELOCATED SEGMENTED CIRCLES & WINDCONE (PHASE 1)	NONE	40.0	20.0	7:1 TRANSITIONAL	-8.0	NONE	NONE / NONE	
T-50	JETA FUEL TANK (PHASE 1)	NONE	42.0	16.0	7:1 TRANSITIONAL	-26.5	NONE	NONE / NONE	
T-51	AVIATION FUEL TANK	2012	42.0	14.0	7:1 TRANSITIONAL	-28.0	NONE	NONE / NONE	
T-52	FBO / TERMINAL / BUILDING	2012	47.0	21.5	7:1 TRANSITIONAL	-126.8	NONE	NONE / NONE	
T-53	HANGAR A	2012	49.0	20.0	7:1 TRANSITIONAL	-132.2	NONE	NONE / NONE	
T-54	HANGAR - TEN BAYS (PHASE 2)	NONE	48.0	20.0	7:1 TRANSITIONAL	-129.5	NONE	NONE / NONE	
T-55	ADA VEHICLE STORAGE	NONE	48.0	15.0	7:1 TRANSITIONAL	-132.7	NONE	NONE / NONE	
T-56	RELOCATED ADA VEHICLE STORAGE (PHASE 2)	NONE	47.0	15.0	7:1 TRANSITIONAL	-131.0	NONE	NONE / NONE	
T-57	HANGAR D	2012	47.0	11.7	7:1 TRANSITIONAL	-36.1	NONE	NONE / NONE	
T-58	T-HANGAR - TEN BAYS (FUTURE)	NONE	48.0	20.0	7:1 TRANSITIONAL	-27.5	NONE	NONE / NONE	
T-59	T-HANGAR - TEN BAYS (FUTURE)	NONE	48.0	20.0	7:1 TRANSITIONAL	-27.5	NONE	NONE / NONE	
T-60	ASOS	2012	60.0	11.3	7:1 TRANSITIONAL	-126.3	NONE	NONE / NONE	
T-61	AIRCRAFT HANGAR (FUTURE)	NONE	52.0	48.0	7:1 TRANSITIONAL	-4.3	NONE	NONE / NONE	
T-62	AIRCRAFT HANGAR (FUTURE)	NONE	50.0	101.0	7:1 TRANSITIONAL	-47.7	NONE	NONE / NONE	
T-63	RELOCATED INDUSTRIAL SHOP #1 (PHASE 3)	NONE	68.0	20.0	7:1 TRANSITIONAL	-48.1	NONE	NONE / NONE	
T-64	NONAVIATION DEVELOPMENT (FUTURE)	2012	58.0	16.8	7:1 TRANSITIONAL	-41.2	NONE	NONE / NONE	
T-65	INDUSTRIAL SHOP #1	2012	58.0	16.8	7:1 TRANSITIONAL	-41.2	NONE	NONE / NONE	
T-66	INDUSTRIAL SHOP #2	2012	58.0	16.8	7:1 TRANSITIONAL	-41.2	NONE	NONE / NONE	
T-67	INDUSTRIAL SHOP #3	2012	58.0	16.8	7:1 TRANSITIONAL	-41.2	NONE	NONE / NONE	
T-68	TREE CLUSTER	2012	56.0	64.4	7:1 TRANSITIONAL	-82.5	REMOVE	EXISTING / NONE	
T-69	TREE CLUSTER	2012	50.0	72.4	7:1 TRANSITIONAL	-22.4	REMOVE	EXISTING / NONE	
T-70	TREE CLUSTER	2012	60.0	133.0	7:1 TRANSITIONAL	-11.9	NONE	NONE / NONE	
T-71	TREE CLUSTER	2012	48.0	53.2	7:1 TRANSITIONAL	-18.0	REMOVE	EXISTING / NONE	
T-72	TREE CLUSTER	2012	49.0	66.4	7:1 TRANSITIONAL	-14.0	NONE	NONE / NONE	
T-73	TREE CLUSTER	2012	49.0	69.3	7:1 TRANSITIONAL	-20.5	NONE	NONE / NONE	
T-74	TREE CLUSTER	2012	54.0	67.9	7:1 TRANSITIONAL	-13.9	NONE	NONE / NONE	
T-75	TREE CLUSTER	2012	56.0	64.4	7:1 TRANSITIONAL	-8.0	NONE	NONE / NONE	
T-76	TREE CLUSTER	2012	56.0	101.7	7:1 TRANSITIONAL	33.5	REMOVE	EXISTING / NONE	
P-1	REL - RUNWAY 08	NONE	44.0	3.0	7:1 TRANSITIONAL	-41.0	NONE	NONE / NONE	
P-2	REL - RUNWAY 08	NONE	44.0	3.0	7:1 TRANSITIONAL	-41.0	NONE	NONE / NONE	
P-3	PAPI - RUNWAY 08	NONE	40.7	6.0	7:1 TRANSITIONAL	-39.3	NONE	NONE / NONE	
P-4	PAPI - RUNWAY 08	2012	38.0	74.4	7:1 TRANSITIONAL	-36.4	REMOVE	EXISTING / NONE	
P-5	PAPI - RUNWAY 08	2012	40.0	84.5	7:1 TRANSITIONAL	-44.5	REMOVE	EXISTING / NONE	
P-6	PAPI - RUNWAY 08	2012	44.0	6.2	7:1 TRANSITIONAL	-37.8	OBSTRUCTION LIGHTING	EXISTING / NONE	
P-7	PAPI - RUNWAY 08	2012	44.0	6.2	7:1 TRANSITIONAL	-37.8	OBSTRUCTION LIGHTING	EXISTING / NONE	
P-8	PAPI - RUNWAY 26	NONE	47.9	6.0	7:1 TRANSITIONAL	-41.9	NONE	NONE / NONE	
P-9	PAPI - RUNWAY 26	2012	52.0	2.7	7:1 TRANSITIONAL	-49.3	OBSTRUCTION LIGHTING	EXISTING / NONE	
P-10	REL - RUNWAY 26	NONE	50.0	3.0	7:1 TRANSITIONAL	-47.0	NONE	NONE / NONE	
P-11	REL - RUNWAY 26	NONE	50.0	3.0	7:1 TRANSITIONAL	-47.0	NONE	NONE / NONE	

LEGEND					
DESCRIPTION	EXISTING	PHASE 1	PHASE 2	PHASE 3	FUTURE
CRITICAL OBJECT IDENTIFICATION	EXISTING	SAME	SAME	SAME	SAME
TREE STAND	SAME	SAME	SAME	SAME	SAME
GROUND ELEVATION CONTOURS	SAME	SAME	SAME	SAME	SAME
FENCE	SAME	SAME	SAME	SAME	SAME
STRUCTURES	NONE	SAME	SAME	SAME	SAME
DEMOLITION	NONE	SAME	SAME	SAME	NONE

AECOM

PROJECT

VAY Airport Master Plan
ALP Drawing Set
August 2014

South Jersey Regional Airport (VAY)
68 Stacy Haines Road
Lumberton, NJ 08048

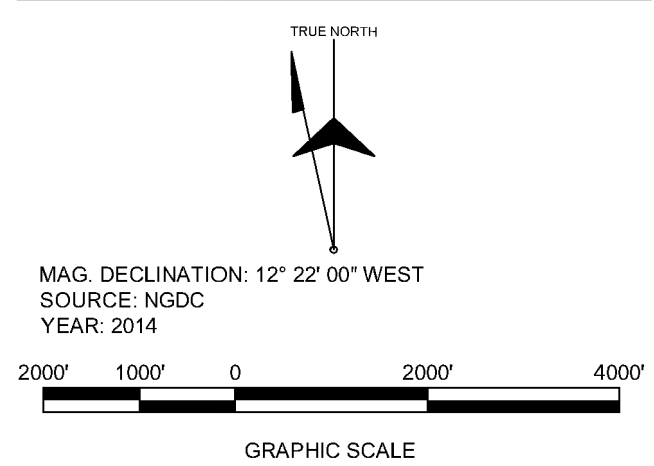
CLIENT/SPONSOR

NJDOT

1035 Parkway Avenue, P.O. Box 600
Trenton, NJ 08625-0600
609.530.2900 tel
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CONSULTANT

AECOM Technical Services Inc.
1700 Market Street, Suite 1600
Philadelphia, PA 19103
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www.aecom.com



REVISION

REVISION	DATE	DESCRIPTION

KEY PLAN



PROJECT NUMBER

60247819

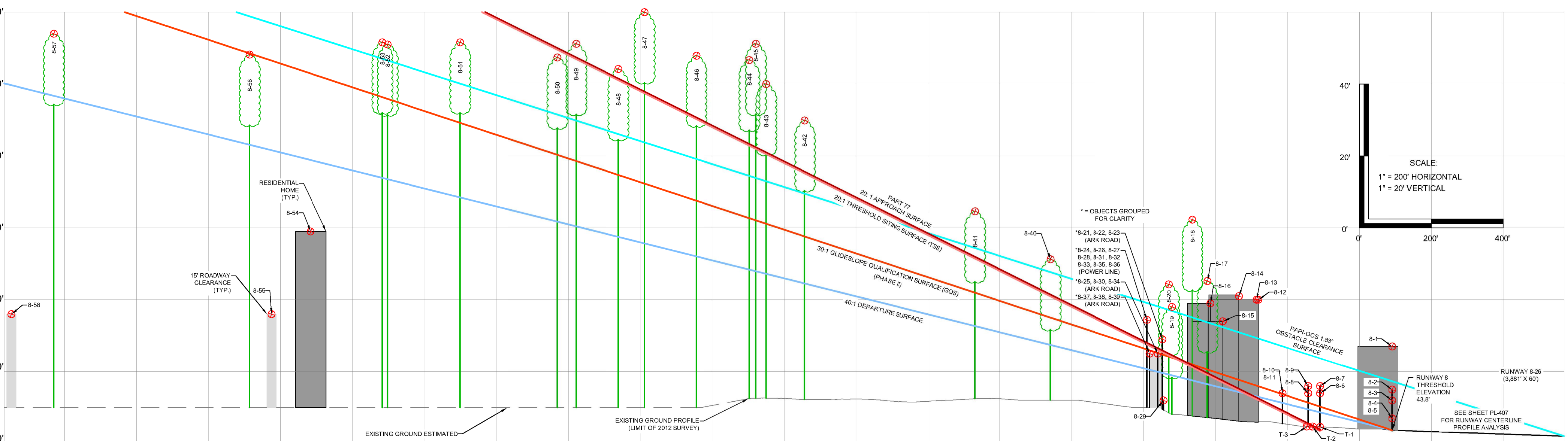
SHEET TITLE

ULTIMATE AIRPORT AIRSPACE PLAN

SHEET NUMBER

PL-402

DATA SOURCES:
SEE SHEET PL-001



RUNWAY 8 OBSTRUCTION TABLE															
OBJECT ID	DESCRIPTION	DATE OF OBSTRUCTION	OBJECT ELEVATION ASL (FT) MSL (FT)	NOT OBSCURED QUANTIFICATION SURFACE (FOO) (# NOTED CLASSES)		PART 75 20+ APPROACH SURFACE (# NOTED CLASSES)		B175 THRESHOLD 20+ SURFACE (FOO) (# NOTED CLASSES)		401 DEPARTURE SURFACE (# NOTED CLASSES)		PROPOSED DISPOSITION	TRIGGERING EVENT REMARKS DATE	EXPECTED REMARKS DATE	
				SEPARATE ELEVATION (FT)	PENETRATION FT/L	SEPARATE ELEVATION (FT)	PENETRATION FT/L	SEPARATE ELEVATION (FT)	PENETRATION FT/L	SEPARATE ELEVATION (FT)	PENETRATION FT/L				
0.32	POWER TRANSMISSION LINE	2012	24.4	74.4	66.5	7.9	8.7	6.5	8.7	6.5	68.8	13.9	REMOVED	401 DEPARTURE SURFACE / NONE	
0.33	POWER TRANSMISSION LINE	2012	22.9	72.0	66.7	5.0	8.1	6.2	8.0	6.1	67.1	11.9	REMOVED	401 DEPARTURE SURFACE / NONE	
0.34	ANK RISK	2012	15.9	68.1	61.2	6.9	8.7	6.2	8.7	6.2	67.2	11.9	REMOVED	401 DEPARTURE SURFACE / NONE	
0.35	POWER TRANSMISSION LINE	2012	22.9	72.9	66.7	5.2	8.2	6.7	8.2	6.7	67.0	11.9	REMOVED	401 DEPARTURE SURFACE / NONE	
0.36	POWER TRANSMISSION LINE	2012	20.9	70.9	65.8	5.1	8.1	6.6	8.1	6.6	66.9	11.9	REMOVED	401 DEPARTURE SURFACE / NONE	
0.37	ANK RISK	2012	15.9	68.0	NOT APPLICABLE	NOT APPLICABLE	8.7	2.0	NOT APPLICABLE	NOT APPLICABLE	66.9	4.3	REGRAD	401 DEPARTURE SURFACE / NONE	
0.38	ANK RISK	2012	15.9	68.0	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	66.9	4.3	REGRAD	401 DEPARTURE SURFACE / NONE	
0.39	ANK RISK	2012	15.9	68.0	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	66.9	4.3	REGRAD	401 DEPARTURE SURFACE / NONE	
0.40	STAND OF TREES	2012	43.3	91.3	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	87.6	23.9	REMOVED	401 DEPARTURE SURFACE / NONE	
0.41	STAND OF TREES	2012	44.3	92.3	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	87.6	23.9	REMOVED	401 DEPARTURE SURFACE / NONE	
0.42	STAND OF TREES	2012	80.9	129.9	88.2	3.7	11.5	1.4	11.5	1.4	84.6	45.9	REMOVED	401 DEPARTURE SURFACE / NONE	
0.43	STAND OF TREES	2012	91.0	140.0	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	87.3	62.7	REMOVED	401 DEPARTURE SURFACE / NONE	
0.44	STAND OF TREES	2012	97.7	146.7	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	88.7	59.7	REMOVED	401 DEPARTURE SURFACE / NONE	
0.45	STAND OF TREES	2012	101.2	151.2	102.0	4.4	12.3	2.9	12.3	2.9	89.0	63.7	REMOVED	401 DEPARTURE SURFACE / NONE	
0.46	STAND OF TREES	2012	101.2	151.2	102.0	4.4	12.3	2.9	12.3	2.9	89.0	63.7	REMOVED	401 DEPARTURE SURFACE / NONE	
0.47	STAND OF TREES	2012	101.2	151.2	102.0	4.4	12.3	2.9	12.3	2.9	89.0	63.7	REMOVED	401 DEPARTURE SURFACE / NONE	
0.48	STAND OF TREES	2012	112.3	163.3	NOT APPLICABLE	NOT APPLICABLE	13.9	26.5	13.9	26.5	90.5	70.5	REMOVED	401 DEPARTURE SURFACE / NONE	
0.49	STAND OF TREES	2012	94.2	144.2	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	87.6	45.9	REMOVED	401 DEPARTURE SURFACE / NONE	
0.50	STAND OF TREES	2012	97.7	147.7	13.9	14.3	13.9	14.3	13.9	14.3	88.7	59.7	REMOVED	401 DEPARTURE SURFACE / NONE	
0.51	STAND OF TREES	2012	97.4	147.4	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	87.6	45.9	REMOVED	401 DEPARTURE SURFACE / NONE	
0.52	STAND OF TREES	2012	101.2	151.2	102.0	4.4	12.3	2.9	12.3	2.9	89.0	63.7	REMOVED	401 DEPARTURE SURFACE / NONE	
0.53	STAND OF TREES	2012	101.0	151.0	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	87.6	45.9	REMOVED	401 DEPARTURE SURFACE / NONE	
0.54	STAND OF TREES	2012	101.0	151.0	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	87.6	45.9	REMOVED	401 DEPARTURE SURFACE / NONE	
0.55	STAND OF TREES	2012	101.6	151.6	137.4	1.2	14.2	12.2	14.2	12.2	114.7	37.9	REMOVED	401 DEPARTURE SURFACE / NONE	
0.56	STAND OF TREES	2012	101.6	151.6	NOT APPLICABLE	NOT APPLICABLE	18.2	18.2	18.2	18.2	114.7	37.9	REMOVED	401 DEPARTURE SURFACE / NONE	
0.56	FORKSTAY WIRE	2012	15.0	78.0	NOT APPLICABLE	NOT APPLICABLE	18.0	11.9	18.0	11.9	11.9	40.7	REMOVED	401 DEPARTURE SURFACE / NONE	
0.58	STAND OF TREES	2012	99.2	148.2	148.7	1.0	16.0	14.4	16.0	14.4	133.6	25.0	REMOVED	401 DEPARTURE SURFACE / NONE	
0.59	STAND OF TREES	2012	104.6	160.6	167.6	1.0	16.0	14.4	16.0	14.4	138.6	27.0	REMOVED	401 DEPARTURE SURFACE / NONE	
0.58	FORKSTAY WIRE	2012	15.0	78.0	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	225.0	44.9	13.9	48.6	NONE	401 DEPARTURE SURFACE / NONE	
1.1	TERMINAL	2012	45.0	85.0	85.0	4.5	4.5	4.5	4.5	4.5	45.0	4.5	REMOVED	201 APPROACH SURFACE / NONE	
1.2	TERMINAL	2012	45.0	85.0	85.0	4.5	4.5	4.5	4.5	4.5	45.0	4.5	REMOVED	201 APPROACH SURFACE / NONE	
1.3	TERMINAL	2012	45.0	85.0	85.0	4.5	4.5	4.5	4.5	4.5	45.0	4.5	REMOVED	201 APPROACH SURFACE / NONE	
1.4	TERMINAL	2012	45.0	85.0	85.0	4.5	4.5	4.5	4.5	4.5	45.0	4.5	REMOVED	201 APPROACH SURFACE / NONE	
1.5	TERMINAL	2012	45.0	85.0	85.0	4.5	4.5	4.5	4.5	4.5	45.0	4.5	REMOVED	201 APPROACH SURFACE / NONE	
1.6	TERMINAL	2012	45.0	85.0	85.0	4.5	4.5	4.5	4.5	4.5	45.0	4.5	REMOVED	201 APPROACH SURFACE / NONE	
1.7	TERMINAL	2012	45.0	85.0	85.0	4.5	4.5	4.5	4.5	4.5	45.0	4.5	REMOVED	201 APPROACH SURFACE / NONE	
1.8	TERMINAL	2012	45.0	85.0	85.0	4.5	4.5	4.5	4.5	4.5	45.0	4.5	REMOVED	201 APPROACH SURFACE / NONE	
1.9	TERMINAL	2012	45.0	85.0	85.0	4.5	4.5	4.5	4.5	4.5	45.0	4.5	REMOVED	201 APPROACH SURFACE / NONE	
2.0	TERMINAL	2012	45.0	85.0	85.0	4.5	4.5	4.5	4.5	4.5	45.0	4.5	REMOVED	201 APPROACH SURFACE / NONE	
2.1	TERMINAL	2012	45.0	85.0	85.0	4.5	4.5	4.5	4.5	4.5	45.0	4.5	REMOVED	201 APPROACH SURFACE / NONE	
2.2	TERMINAL	2012	45.0	85.0	85.0	4.5	4.5	4.5	4.5	4.5	45.0	4.5	REMOVED	201 APPROACH SURFACE / NONE	
2.3	TERMINAL	2012	45.0	85.0	85.0	4.5	4.5	4.5	4.5	4.5	45.0	4.5	REMOVED	201 APPROACH SURFACE / NONE	
2.4	TERMINAL	2012	45.0	85.0	85.0	4.5	4.5	4.5	4.5	4.5	45.0	4.5	REMOVED	201 APPROACH SURFACE / NONE	
2.5	TERMINAL	2012	45.0	85.0	85.0	4.5	4.5	4.5	4.5	4.5	45.0	4.5	REMOVED	201 APPROACH SURFACE / NONE	
2.6	TERMINAL	2012	45.0	85.0	85.0	4.5	4.5	4.5	4.5	4.5	45.0	4.5	REMOVED	201 APPROACH SURFACE / NONE	
2.7	TERMINAL	2012	45.0	85.0	85.0	4.5	4.5	4.5	4.5	4.5	45.0	4.5	REMOVED	201 APPROACH SURFACE / NONE	
2.8	TERMINAL	2012	45.0	85.0	85.0	4.5	4.5	4.5	4.5	4.5	45.0	4.5	REMOVED	201 APPROACH SURFACE / NONE	
2.9	TERMINAL	2012	45.0	85.0	85.0	4.5	4.5	4.5	4.5	4.5	45.0	4.5	REMOVED	201 APPROACH SURFACE / NONE	
3.0	TERMINAL	2012	45.0	85.0	85.0	4.5	4.5	4.5	4.5	4.5	45.0	4.5	REMOVED	201 APPROACH SURFACE / NONE	
3.1	TERMINAL	2012	45.0	85.0	85.0	4.5	4.5	4.5	4.5	4.5	45.0	4.5	REMOVED	201 APPROACH SURFACE / NONE	
3.2	TERMINAL	2012	45.0	85.0	85.0	4.5	4.5	4.5	4.5	4.5	45.0	4.5	REMOVED	201 APPROACH SURFACE / NONE	
3.3	TERMINAL	2012	45.0	85.0	85.0	4.5	4.5	4.5	4.5	4.5	45.0	4.5	REMOVED	201 APPROACH SURFACE / NONE	
3.4	TERMINAL	2012	45.0	85.0	85.0	4.5	4.5	4.5	4.5	4.5	45.0	4.5	REMOVED	201 APPROACH SURFACE / NONE	
3.5	TERMINAL	2012	45.0	85.0	85.0	4.5	4.5	4.5	4.5	4.5	45.0	4.5	REMOVED	201 APPROACH SURFACE / NONE	
3.6	TERMINAL	2012	45.0	85.0	85.0	4.5	4.5	4.5	4.5	4.5	45.0	4.5	REMOVED	201 APPROACH SURFACE / NONE	
3.7	TERMINAL	2012	45.0	85.0	85.0	4.5	4.5	4.5	4.5	4.5	45.0	4.5	REMOVED	201 APPROACH SURFACE / NONE	
3.8	TERMINAL	2012	45.0	85.0	85.0	4.5	4.5	4.5	4.5	4.5	45.0	4.5	REMOVED	201 APPROACH SURFACE / NONE	
3.9	TERMINAL	2012	45.0	85.0	85.0	4.5	4.5	4.5	4.5	4.5	45.0	4.5	REMOVED	201 APPROACH SURFACE / NONE	
4.0	TERMINAL	2012	45.0	85.0	85.0	4.5	4.5	4.5	4.5	4.5	45.0	4.5	REMOVED	201 APPROACH SURFACE / NONE	
4.1	TERMINAL	2012	45.0	85.0	85.0	4.5	4.5	4.5	4.5	4.5	45.0	4.5	REMOVED	201 APPROACH SURFACE / NONE	
4.2	TERMINAL	2012	45.0	85.0	85.0	4.5	4.5	4.5	4.5	4.5	45.0	4.5	REMOVED	201 APPROACH SURFACE / NONE	
4.3	TERMINAL	2012	45.0	85.0	85.0	4.5	4.5	4.5	4.5	4.5	45.0	4.5	REMOVED	201 APPROACH SURFACE / NONE	
4.4	TERMINAL	2012	45.0	85.0	85.0	4.5	4.5	4.5	4.5	4.5	45.0	4.5	REMOVED	201 APPROACH SURFACE / NONE	
4.5	TERMINAL	2012	45.0	85.0	85.0	4.5	4.5	4.5	4.5	4.5	45.0	4.5	REMOVED	201 APPROACH SURFACE / NONE	
4.6	TERMINAL	2012	45.0	85.0	85.0	4.5	4.5	4.5	4.5	4.5	45.0	4.5	REMOVED	201 APPROACH SURFACE / NONE	
4.7	TERMINAL	2012	45.0	85.0	85.0	4.5	4.5	4.5	4.5	4.5	45.0	4.5	REMOVED	201 APPROACH SURFACE / NONE	
4.8	TERMINAL	2012	45.0	85.0	85.0	4.5	4.5	4.5	4.5	4.5	45.0	4.5	REMOVED	201 APPROACH SURFACE / NONE	
4.9	TERMINAL	2012	45.0	85.0	85.0	4.5	4.5	4.5	4.5	4.5	45.0	4.5	REMOVED	201 APPROACH SURFACE / NONE	
5.0	TERMINAL	2012	45.0	85.0	85.0	4.5	4.5	4.5	4.5	4.5	45.0	4.5	REMOVED	201 APPROACH SURFACE / NONE	
5.1	TERMINAL	2012	45.0	85.0	85.0	4.5	4.5	4.5	4.5	4.5	45.0	4.5	REMOVED	201 APPROACH SURFACE / NONE	
5.2	TERMINAL	2012	45.0	85.0	85.0	4.5	4.5	4.5	4.5	4.5	45.0	4.5	REMOVED	201 APPROACH SURFACE / NONE	
5.3	TERMINAL	2012	45.0	85.0	85.0	4.5	4.5	4.5	4.5	4.5	45.0	4.5	REMOVED	201 APPROACH SURFACE / NONE	
5.4	TERMINAL	2012	45.0	85.0	85.0	4.5	4.5	4.5	4.5	4.5	45.0	4.5	REMOVED	201 APPROACH SURFACE / NONE	
5.5	TERMINAL	2012	45.0	85.0	85.0	4.5	4.5	4.5	4.5	4.5	45.0	4.5	REMOVED	201 APPROACH SURFACE / NONE	
5.6	TERMINAL	2012	45.0	85.0	85.0	4.5	4.5	4.5	4.5	4.5	45.0	4.5	REMOVED	201 APPROACH SURFACE / NONE	
5.7	TERMINAL	2012	45.0	85.0	85.0	4.5	4.5	4.5	4.5	4.5	45.0	4.5	REMOVED	201 APPROACH SURFACE / NONE	
5.8	TERMINAL	2012	45.0	85.0	85.0	4.5	4.5	4.5	4.5	4.5	45.0	4.5	REMOVED	201 APPROACH SURFACE / NONE	
5.9	TERMINAL	2012	45.0	85.0	85.0	4.5	4.5	4.5	4.5	4.5	45.0	4.5	REMOVED	201 APPROACH SURFACE / NONE	
6.0	TERMINAL	2012	45.0	85.0	85.0	4.5	4.5	4.5	4.5	4.5	45.0	4.5	REMOVED	201 APPROACH SURFACE / NONE	
6.1	TERMINAL	2012	45.0	85.0	85.0	4.5	4.5	4.5	4.5	4.5	45.0	4.5	REMOVED	201 APPROACH SURFACE / NONE	
6.2	TERMINAL	2012	45.0	85.0	85.0	4.5	4.5	4.5	4.5	4.5	45.0	4.5	REMOVED	201 APPROACH SURFACE / NONE	
6.3	TERMINAL	2012	45.0	85.0	85.0	4.5	4.5	4.5	4.5	4.5	45.0	4.5	REMOVED	201 APPROACH SURFACE / NONE	
6.4	TERMINAL	2012	45.0	85.0	85.0	4.5	4.5	4.5	4.5	4.5	45.0	4.5	REMOVED	201 APPROACH SURFACE / NONE	
6.5	TERMINAL	2012	45.0	85.0	85.0	4.5	4.5	4.5	4.5	4.5	45.0	4.5	REMOVED	201 APPROACH SURFACE / NONE	
6.6	TERMINAL	2012	45.0	85.0	85.0	4.5	4.5	4.5	4.5	4.5	45.0	4.5	REMOVED		



PROJECT

**VAY Airport Master Plan
ALP Drawing Set
August 2014**
 South Jersey Regional Airport (VAY)
 68 Stacy Haines Road
 Lumberton, NJ 08048

CLIENT/SPONSOR

NJDOT
 1035 Parkway Avenue, P.O. Box 600
 Trenton, NJ 08625-0600
 609.530.2900 tel
www.nj.gov/transportation

CONSULTANT

AECOM Technical Services Inc.
 1700 Market Street, Suite 1600
 Philadelphia, PA 19103
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MAG. DECLINATION: 12° 22' 00" WEST
 SOURCE: NGDC
 YEAR: 2014

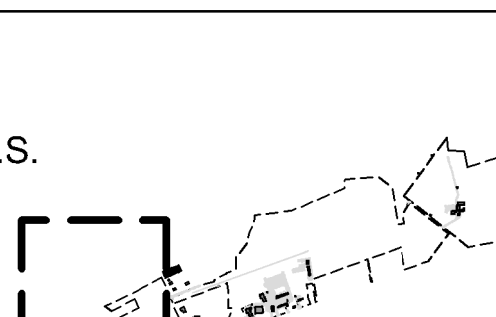


GRAPHIC SCALE

REVISION

R	DATE	DESCRIPTION

KEY PLAN



PROJECT NUMBER

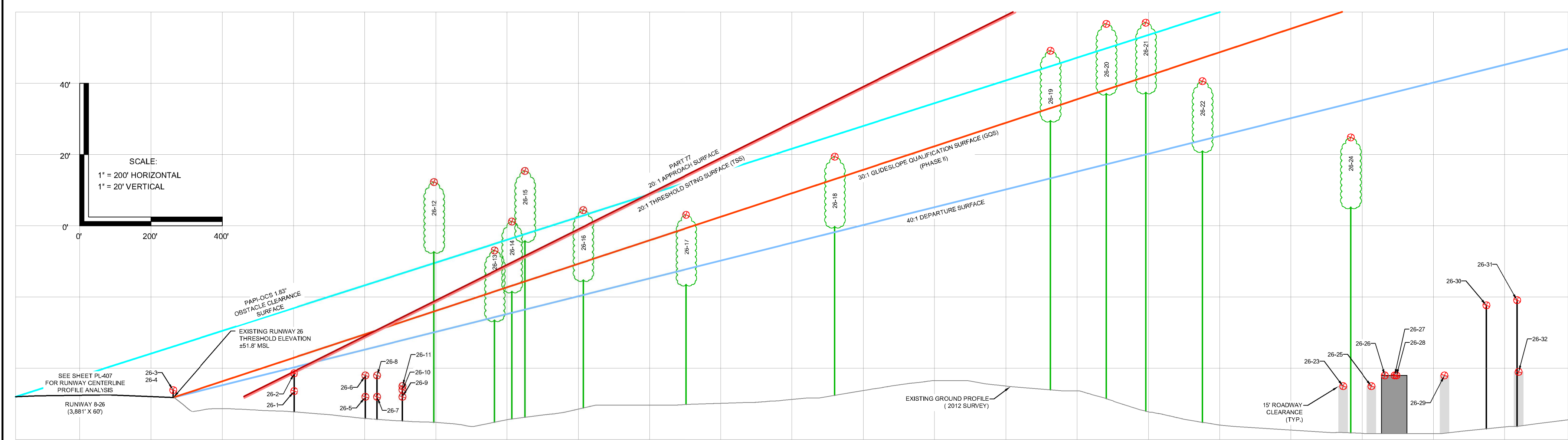
60247819

SHEET TITLE

EXISTING INNER PORTION OF THE
 APPROACH SURFACE FOR RUNWAY

SHEET NUMBER

PL-403



RUNWAY 26 OBSTRUCTION TABLE																						
OBJECT ID	DESCRIPTION	DATE OF OBSTRUCTION SURF.	OBJECT ELEVATION SURF. (1) MLB (2)	301 GLENDORA 201 - 400' SURFACE (200) (3 - 30' DEPT. CLARINGS)				PART 7 201 - 400' SURFACE (200) (3 - 30' DEPT. CLARINGS)				201 THREESIDE 201 - 400' SURFACE (200) (3 - 30' DEPT. CLARINGS)				401 - 600' SURFACE (600) (3 - 30' DEPT. CLARINGS)				PROPOSED DISPOSITION	TRIGGERING EVENT / EXPECTED REMOVAL DATE	
				SURFACE ELEVATION (FT.)		SURFACE ELEVATION (FT.)		SURFACE ELEVATION (FT.)		SURFACE ELEVATION (FT.)		SURFACE ELEVATION (FT.)		SURFACE ELEVATION (FT.)		SURFACE ELEVATION (FT.)						
				(1)	(2)	(1)	(2)	(1)	(2)	(1)	(2)	(1)	(2)	(1)	(2)	(1)	(2)					
26-17	STAND OF TREES	2012	55.1	103.1	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	87.9	11.3	87.9	11.3	87.9	11.3	REMOVE	401 - 600' SURFACE, SURFACE, NONE	
26-18	STAND OF TREES	2012	64.4	119.4	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	89.2	21.2	89.2	21.2	89.2	21.2	REMOVE	401 - 600' SURFACE, SURFACE, NONE	
26-19	STANDS OF TREES	2012	51.1	101.1	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	85.8	15.8	85.8	15.8	85.8	15.8	REMOVE	401 - 600' SURFACE, SURFACE, NONE	
26-20	STAND OF TREES	2012	101.7	195.7	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	117.3	206.7	117.3	206.7	117.3	206.7	REMOVE	401 - 600' SURFACE, SURFACE, NONE	
26-21	STANDS OF TREES	2012	65.9	157.0	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	179.3	21.3	179.3	21.3	179.3	21.3	REMOVE	401 - 600' SURFACE, SURFACE, NONE	
26-22	STANDS OF TREES	2012	62.9	162.9	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	167.7	23.7	167.7	23.7	167.7	23.7	REMOVE	401 - 600' SURFACE, SURFACE, NONE	
26-23	FORESTED/STAND ROAD	2012	55.0	105.0	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	85.7	11.7	85.7	11.7	85.7	11.7	REMOVE	401 - 600' SURFACE, SURFACE, NONE	
26-24	STAND OF TREES	2012	62.9	154.9	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	133.9	27.9	133.9	27.9	133.9	27.9	REMOVE	401 - 600' SURFACE, SURFACE, NONE	
26-25	NOT DETERMINED	2012	60.9	160.9	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	160.9	20.9	160.9	20.9	160.9	20.9	REMOVE	401 - 600' SURFACE, SURFACE, NONE	
26-26	OFF AIRPORT BUILDING	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	165.2	107.2	165.2	107.2	165.2	107.2	REMOVE	401 - 600' SURFACE, SURFACE, NONE	
26-27	OFF AIRPORT BUILDING	NONE	68.0	58.0	166.1	108.1	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	207.7	102.7	134.4	0.5	NONE	NONE	134.4	0.5	NONE	401 - 600' SURFACE, SURFACE, NONE	
26-28	OFF AIRPORT BUILDING	NONE	68.0	58.0	166.1	108.1	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	210.0	105.0	166.8	0.8	REMOVE	REMOVE	166.8	0.8	REMOVE	401 - 600' SURFACE, SURFACE, NONE	
26-29	FORESTED/STAND ROAD	2012	55.0	170.0	130.0	113.0	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	220.2	102.2	134.8	0.8	REMOVE	REMOVE	134.8	0.8	REMOVE	401 - 600' SURFACE, SURFACE, NONE	
26-30	PAVE	2012	54.0	73.0	174.7	66.9	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	226.1	148.3	9.0	46.2	9.0	46.2	9.0	46.2	9.0	REMOVE	401 - 600' SURFACE, SURFACE, NONE
26-31	PAVE	2012	54.0	73.0	174.7	66.9	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	226.1	148.3	9.0								
26-32	FORESTED/STAND ROAD	2012	55.0	100.0	127.7	118.7	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	220.0	111.0	66.0	0.7	REMOVE	REMOVE	66.0	0.7	REMOVE	401 - 600' SURFACE, SURFACE, NONE	

LEGEND			
DESCRIPTION	EXISTING	PHASE 1	PHASE 2
CERTICAL OBJECT IDENTIFICATION		SAME	SAME
AIRPORT PROPERTY LINE		SAME	SAME
EXISTING AIRPORT PROPERTY		NOT APPLICABLE	NOT APPLICABLE
PROPERTY ACQUISITION	NONE		SAME
AVIGATION LASERMI - PARCEL	NONE	SAME	SAME
AVIGATION LASERMI - ROADWAY	NONE	SAME	SAME
FENCE			SAME
STRUCTURES			
PAVEMENT			
DEMOLITION	NONE		
RUNWAY OBJECT FREE AREA (ORFA)		SAME	SAME
RUNWAY SWEET AREA (RSA)		SAME	SAME
OBSTACLE FREE ZONE (OFZ)		SAME	SAME
RUNWAY PROTECTION ZONE (RPZ)	NOT SHOWN	SAME	SAME
EXTENDED RUNWAY CENTERLINE		SAME	SAME
CHW TITLE 14 PART 27 APPROACH SURFACE		SAME	SAME
PAPI OVERROLL CLEARANCE SURFACE		SAME	SAME
THRESHOLD SITING SURFACE - APPROACH (303.50)RPI		SAME	SAME
THRESHOLD SITING SURFACE - APPROACH (303.50)RPI	NOT APPLICABLE	NOT APPLICABLE	SAME
THRESHOLD SITING SURFACE - DEPARTURE		SAME	SAME
GROUND ELEVATION CONTOURS		SAME	SAME
TREE STAND		SAME	SAME
WETLANDS		SAME	SAME
STANDING BODIES OF WATER		SAME	SAME
STREAMS		SAME	SAME

GENERAL NOTES:

SEE SHEET PL-001.

SHEET NOTES:

1. THE LIMITS OF THE INNER APPROACH SURFACE ANALYSIS ARE FROM THE RUNWAY THRESHOLD TO A POINT 100' ABOVE THE RUNWAY THRESHOLD ALONG THE THE ULTIMATE CRF TITLE 4 PART 77.1 SCALE APPROACH SURFACE AGE

2. THE LIMITS USING THE 2012 VFA/NOISE ANALYTICAL STUDY UNDERLYING THIS STUDY ARE:

3. TREE STAND ELEVATIONS WERE DETERMINED BASED ON THE TALLEST TREE WITHIN A CIRCLE.

4. CRF TITLE 4 PART 77.1 TRANSITIONAL SURFACE AND PRIMARY SURFACE OBSTACLE ELEVATIONS ARE PROVIDED ON SHEET PL-001.

5. THE ULTIMATE AIRPORT SURFACE:

6. THE THRESHOLD SITING CRITERIA AND ASSOCIATED DIMENSIONAL STANDARDS TO BE MET FOR APPROACH END OF RUNWAYS ARE SPECIFIED IN SUPPORT INSTRUMENT NIGHT OPERATIONS. SERVING APPROACH CATEGORY A AND B AIRCRAFT ONLY, ARE SHOWN IN THE DRAWING. THE DIMENSIONAL STANDARDS SPECIFIED IN FIGURE 3-2, AC 150/5300-13A CHANGE 1 ARE THE FOLLOWING: A = 200', B = 400', C = 3,850', D = 10,000', WITH A SLOPE OF .20.

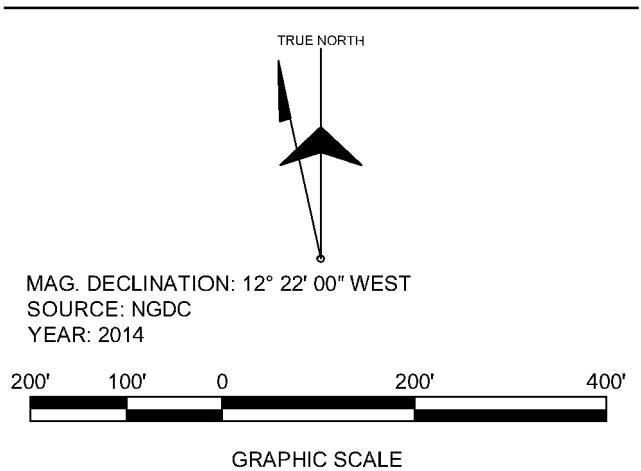
7. THE THRESHOLD SITING CRITERIA AND ASSOCIATED DIMENSIONAL STANDARDS TO BE MET FOR APPROACH END OF RUNWAYS ARE SPECIFIED IN SUPPORT INSTRUMENT DAY OPERATIONS. SERVING APPROACH CATEGORY A AND B AIRCRAFT ONLY, ARE SHOWN IN THE DRAWING. THE DIMENSIONAL STANDARDS SPECIFIED IN FIGURE 3-2, AC 150/5300-13A CHANGE 1 ARE THE FOLLOWING: A = 0', B = RUNWAY WIDTH + 200', C = 1,520', D = 10,000', WITH A SLOPE OF .20.

8. THE THRESHOLD SITING CRITERIA AND ASSOCIATED DIMENSIONAL STANDARDS TO BE MET FOR DEPARTURE RUNWAY ENDS FOR ALL INSTRUMENT OPERATIONS ARE SHOWN IN THE DRAWING. THE DIMENSIONAL STANDARDS SPECIFIED IN FIGURE 3-4, AC 150/5300-13A CHANGE 1 ARE THE FOLLOWING: A = 0', B = RUNWAY WIDTH + 200', C = 1,520', D = 10,000', WITH A SLOPE OF .20.

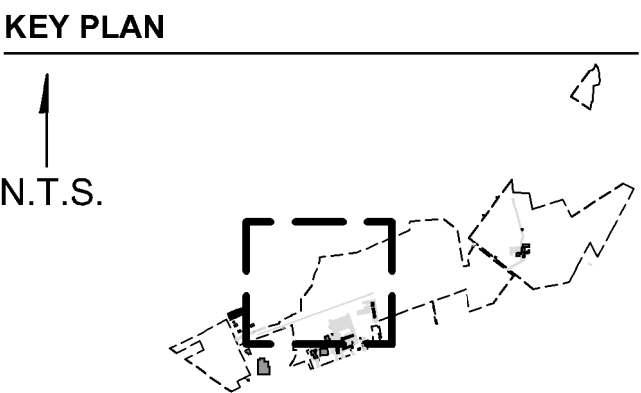
9. THE SURFACE BEGIN/END RUNWAY THRESHOLD, INNER WIDTH = 1,000', OUTER WIDTH = 6,466', LENGTH = 10,000' WITH A SLOPE OF .040.

DATA SOURCES:

SEE SHEET PL-001.



REVISION		
R	DATE	DESCRIPTION



PROJECT NUMBER
60247819
SHEET TITLE
EXISTING INNER PORTION OF THE APPROACH SURFACE FOR RUNWAY 26
SHEET NUMBER
PL-404

GENERAL NOTES:
SEE SHEET PL-000

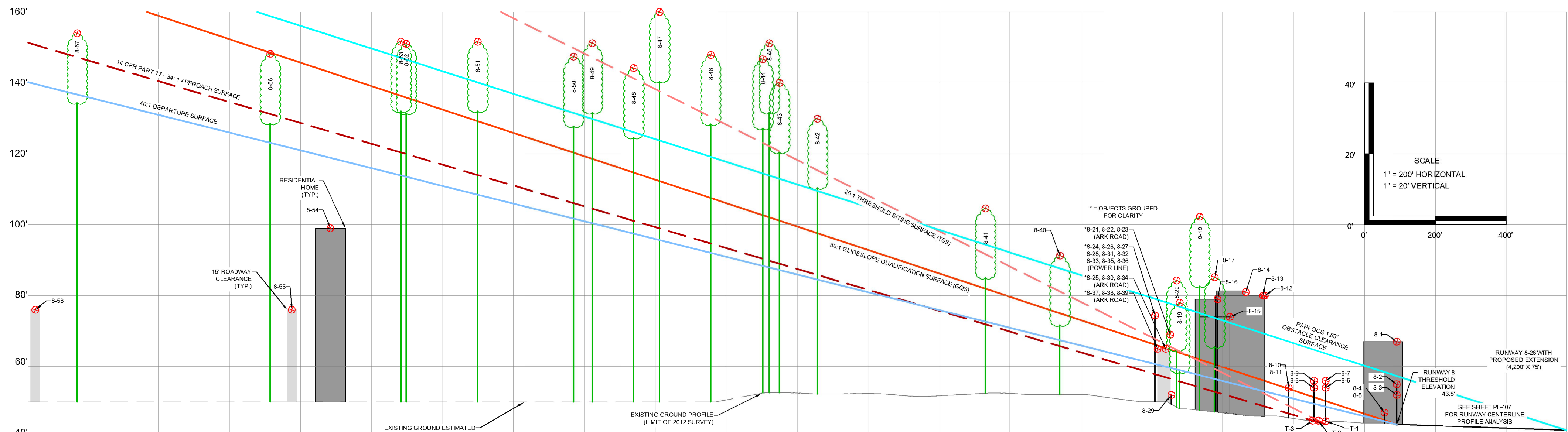
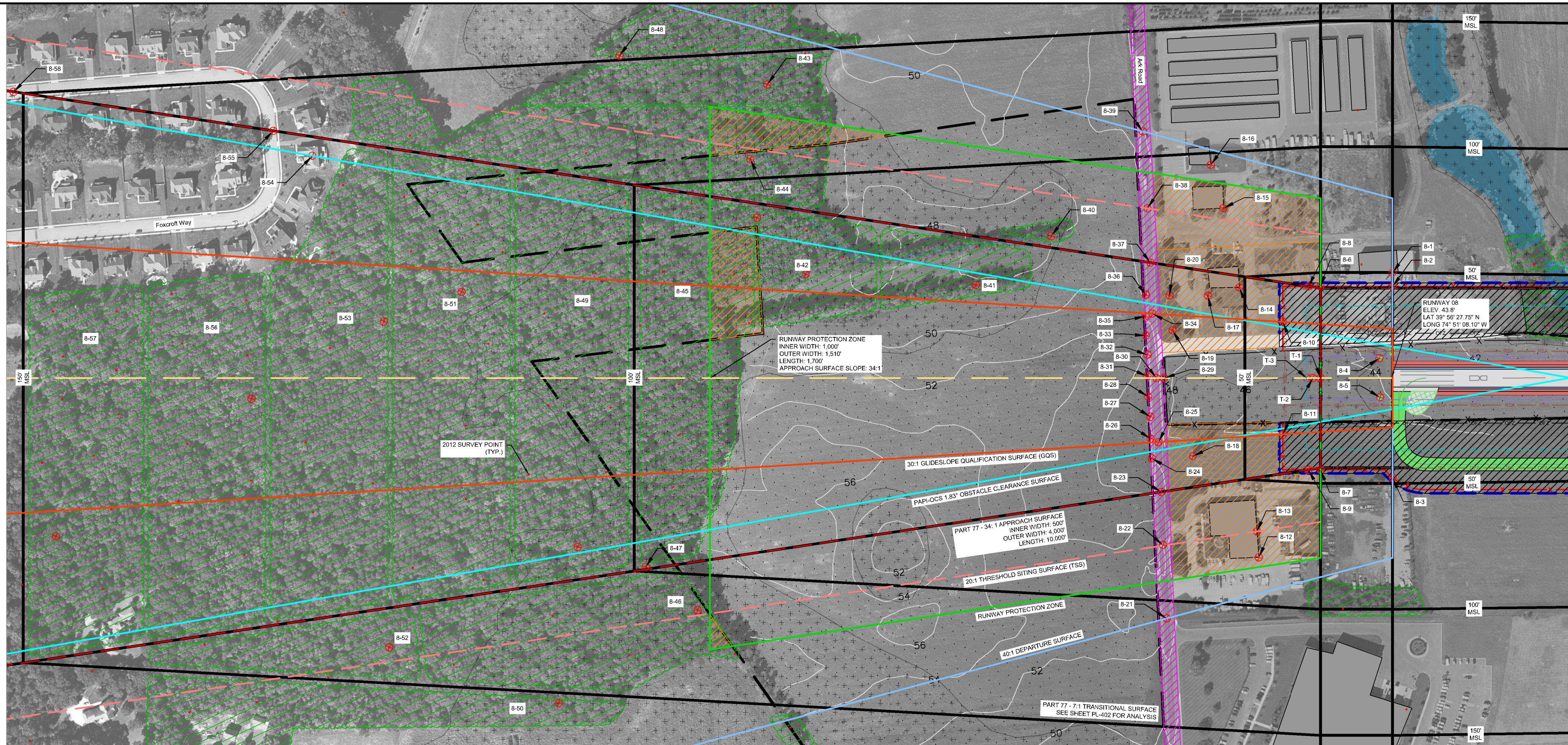
SHEET NOTES:

1. THE LIMITS OF THE THRESHOLD
2. OBSTACLES
3. TREE STAND
4. CFR TITLE 14
5. THE THRESHOLD ULTIMATE AIR
6. THE THRESHOLD EXPECTED TO BE SHOWN FOLLOWING:
7. THE THRESHOLD EXPECTED TO BE SHOWN STANDARDS 10,000, WITH INSTRUMENT CHANGE 1 A SURFACE B

DATA SOURCES:
SEE SHEET PL-000

- [illegible]

DATA SOURCES:
SEE SHEET PL-00



RUNWAY & OBSTRUCTION TABLE																		
OBJECT ID	DESCRIPTION	DATE OF OBSTRUCTION SURVEY	OBJECT ELEVATION ASL (FT)	DIST. (GEODESIC) 34° APPROACH SURF (EASE) (± 20% INCLAS LAMANCE)			PART 7 34° APPROACH SURF (EASE) (± 20% INCLAS LAMANCE)			201° THRESHOLD 34° APPROACH SURF (EASE) (± 20% INCLAS LAMANCE)			401° DEPARTURE SURF (EASE) (± 20% INCLAS LAMANCE)			PROPOSED DEPOSITION	TROGUE EVENT EXPECTED REMARKS DATE	
				AVG. (FT)	MIN. (FT)	PENETRATION (FT)	ELEVATION (FT)	PENETRATION (FT)	ELEVATION (FT)	PENETRATION (FT)	ELEVATION (FT)	PENETRATION (FT)	ELEVATION (FT)	PENETRATION (FT)	ELEVATION (FT)			
B-1	OFF-AIRPORT BULI DUNE	NONE	23.9	0.0	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	43.8	23.2	LIGHTING	401° DEPARTURE SURF (EASE) / NONE			
B-2	PROPOSED FENCE	NONE	8.0	5.0	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	44.9	9.2	LIGHTING	401° DEPARTURE SURF (EASE) / NONE			
B-3	OFF-AIRPORT BULI DUNE	NONE	20.0	0.0	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	43.2	11.2	LIGHTING	401° DEPARTURE SURF (EASE) / NONE			
B-4	RELOCATED RAIL	NONE	3.0	4.0	4.0	2.0	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	44.7	3.0	NONE	401° DEPARTURE SURF (EASE) / NONE			
B-5	RELOCATED RAIL	NONE	4.0	2.0	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	44.7	2.0	NONE	401° DEPARTURE SURF (EASE) / NONE			
B-6	PROPOSED FENCE	NONE	8.0	5.0	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	43.8	5.2	5.0	LIGHTING	201° APPROACH SURF (EASE) / NONE		
B-7	PROPOSED FENCE	NONE	8.0	5.0	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	43.8	10.2	48.8	7.2	LIGHTING	201° APPROACH SURF (EASE) / NONE	
B-8	PROPOSED FENCE	NONE	8.0	5.0	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	43.8	4.5	48.8	14.2	LIGHTING	201° APPROACH SURF (EASE) / NONE	
B-9	PROPOSED FENCE	NONE	8.0	5.0	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	43.8	11.2	48.8	6.4	LIGHTING	341° APPROACH SURF (EASE) / NONE	
B-10	PROPOSED FENCE	NONE	8.0	5.0	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	43.8	5.0	48.8	10.0	LIGHTING	341° APPROACH SURF (EASE) / NONE	
B-11	PROPOSED FENCE	NONE	8.0	5.0	5.0	0.0	46.8	7.1	45.1	10.9	49.9	5.0	51.4	2.6	LIGHTING	341° APPROACH SURF (EASE) / NONE		
B-12	OFF-AIRPORT BULI DUNE	NONE	20.0	0.0	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	53.1	26.9	LIGHTING	401° DEPARTURE SURF (EASE) / NONE			
B-13	OFF-AIRPORT BULI DUNE	NONE	20.0	0.0	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	53.1	26.9	LIGHTING	401° DEPARTURE SURF (EASE) / NONE			
B-14	OFF-AIRPORT BULI DUNE	NONE	35.0	0.0	NOT APPLICABLE	NOT APPLICABLE	56.8	36.0	55.1	25.9	54.4	26.9	54.4	26.9	LIGHTING	401° DEPARTURE SURF (EASE) / NONE		
B-15	OFF-AIRPORT BULI DUNE	NONE	35.0	0.0	NOT APPLICABLE	NOT APPLICABLE	56.8	36.0	55.1	25.9	54.4	26.9	54.4	26.9	LIGHTING	401° DEPARTURE SURF (EASE) / NONE		
B-16	OFF-AIRPORT BULI DUNE	NONE	32.0	7.0	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	56.4	22.0	LIGHTING	401° DEPARTURE SURF (EASE) / NONE			
B-17	TRAIL	2012	36.2	36.2	NOT APPLICABLE	NOT APPLICABLE	53.0	32.2	59.9	25.7	59.9	25.7	59.9	25.7	REMOVE	341° APPROACH SURF (EASE) / NONE		
B-18	TRAIL	2012	35.3	35.3	NOT APPLICABLE	NOT APPLICABLE	53.0	32.2	59.9	25.7	59.9	25.7	59.9	25.7	REMOVE	341° APPROACH SURF (EASE) / NONE		
B-19	TRAIL	2012	36.0	36.0	NOT APPLICABLE	NOT APPLICABLE	53.0	32.2	59.9	25.7	59.9	25.7	59.9	25.7	REMOVE	341° APPROACH SURF (EASE) / NONE		
B-20	TRAIL	2012	35.5	35.5	NOT APPLICABLE	NOT APPLICABLE	53.0	32.2	59.9	25.7	59.9	25.7	59.9	25.7	REMOVE	341° APPROACH SURF (EASE) / NONE		
B-21	ASR ROAD	2012	15.0	15.0	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	66.1	16.0	16.1	REMOVE	341° APPROACH SURF (EASE) / NONE		
B-22	ASR ROAD	2012	15.0	15.0	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	65.7	3.0	59.8	9.2	REGRAD	401° DEPARTURE SURF (EASE) / NONE	
B-23	ASR ROAD	2012	15.0	15.0	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	66.1	16.0	16.1	REMOVE	341° APPROACH SURF (EASE) / NONE		
B-24	POWER TRANSMISSION LINE	2012	73.9	73.9	NOT APPLICABLE	NOT APPLICABLE	57.6	16.3	67.3	1.6	60.8	13.4	60.8	13.4	LIGHTING	341° APPROACH SURF (EASE) / NONE		
B-25	ASR ROAD	2012	15.0	15.0	0.0	0.0	57.7	7.9	56.4	-1.4	60.1	4.9	60.1	4.9	REMOVE	341° APPROACH SURF (EASE) / NONE		
B-26	POWER TRANSMISSION LINE	2012	71.0	66.3	0.0	0.0	67.7	13.3	67.7	3.5	60.0	10.0	60.0	10.0	REMOVE	341° APPROACH SURF (EASE) / NONE		
B-27	POWER TRANSMISSION LINE	2012	72.2	72.2	0.0	0.0	5.9	5.9	14.6	4.7	60.7	11.9	60.7	11.9	REMOVE	341° APPROACH SURF (EASE) / NONE		
B-28	POWER TRANSMISSION LINE	2012	65.2	65.2	0.0	0.0	6.2	6.2	15.0	4.9	60.7	11.9	60.7	11.9	REMOVE	341° APPROACH SURF (EASE) / NONE		
B-29	EXISTING FENCE	2012	5.0	55.0	55.0	-10.0	-10.0	56.6	-1.6	55.0	-1.7	50.7	4.7	50.7	4.7	NONE	341° APPROACH SURF (EASE) / NONE	
B-30	ASR ROAD	2012	15.0	15.0	0.0	0.0	57.2	7.8	56.8	-1.0	60.2	4.8	60.2	4.8	REMOVE	341° APPROACH SURF (EASE) / NONE		
B-31	POWER TRANSMISSION LINE	2012	72.2	72.2	0.0	0.0	5.9	5.9	14.6	4.7	60.7	11.9	60.7	11.9	REMOVE	341° APPROACH SURF (EASE) / NONE		

RUNWAY 8 OBSTRUCTION TABLE																		
OBJECT ID	DESCRIPTION	DATE OF OBSTRUCTION SURVEY	OBSCT ELEVATION		TOWER LIGHT CLASSCODE		34° APPROACH SURFACE (30° NOT CLASSED)		34° APPROACH SURFACE (30° NOT CLASSED)		34° APPROACH SURFACE (30° NOT CLASSED)		401° DEPARTURE SURFACE (30° NOT CLASSED)		PROPOSED DISPOSITION	TRIGGERING EVENT EXPECTED	EXPECTED REMEDIAL DATE	
			AOI (FT)	MIL (FT)	GENERAL ELEVATION (M)	PENETRATION (FT)	GENERAL ELEVATION (M)	PENETRATION (FT)	GENERAL ELEVATION (M)	PENETRATION (FT)	GENERAL ELEVATION (M)	PENETRATION (FT)	GENERAL ELEVATION (M)	PENETRATION (FT)				
0.32	POWER TRANSMISSION LINE	2012	24.4	74.4	66.5	7.9	58.0	1.4	6.4	8.79	6.9	6.09	13.9	REMOVE	341 APPROACH SURFACE / NONE			
0.33	POWER TRANSMISSION LINE	2012	22.9	72.9	66.7	5.6	58.1	1.2	6.5	8.77	4.7	6.17	11.9	REMOVE	341 APPROACH SURFACE / NONE			
0.34	AIR ROAD	2012	19.0	69.0	66.9	1.0	57.8	0.7	6.4	8.75	0.0	6.17	11.9	REMOVE	341 APPROACH SURFACE / NONE			
0.35	POWER TRANSMISSION LINE	2012	22.9	72.9	66.7	6.2	58.2	1.4	6.8	8.82	4.7	6.17	11.9	REMOVE	341 APPROACH SURFACE / NONE			
0.36	POWER TRANSMISSION LINE	2012	22.9	72.9	66.7	6.2	58.2	1.4	6.8	8.82	4.7	6.17	11.9	REMOVE	341 APPROACH SURFACE / NONE			
0.37	AIR ROAD	2012	19.0	69.0	66.9	NOT APPLICABLE	NOT APPLICABLE	67.7	7.3	8.78	2.5	6.09	13.9	REGRASS	401 DEPARTURE SURFACE / NONE			
0.38	AIR ROAD	2012	19.0	69.0	66.9	NOT APPLICABLE	NOT APPLICABLE	67.7	7.3	8.78	2.5	6.09	13.9	REGRASS	401 DEPARTURE SURFACE / NONE			
0.39	AIR ROAD	2012	19.0	69.0	66.9	NOT APPLICABLE	NOT APPLICABLE	67.7	7.3	8.78	2.5	6.09	13.9	REGRASS	401 DEPARTURE SURFACE / NONE			
0.40	STAND OF TREES	2012	43.3	93.3	93.3	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	13.3	10.0	6.09	23.9	REMOVE	401 DEPARTURE SURFACE / NONE			
0.41	STAND OF TREES	2012	43.3	93.3	93.3	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	13.3	10.0	6.09	23.9	REMOVE	401 DEPARTURE SURFACE / NONE			
0.42	STAND OF TREES	2012	80.9	120.9	98.2	3.7	80.7	4.0	11.5	14.0	8.48	45.0	43.9	REMOVE	401 DEPARTURE SURFACE / NONE			
0.43	STAND OF TREES	2012	91.0	140.0	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	87.3	63.7	60.7	62.7	REMOVE	401 DEPARTURE SURFACE / NONE			
0.44	STAND OF TREES	2012	91.0	140.0	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	87.3	63.7	60.7	62.7	REMOVE	401 DEPARTURE SURFACE / NONE			
0.45	STAND OF TREES	2012	101.2	151.2	102.0	4.4	90.9	6.1	12.3	20.9	88.0	63.7	62.7	REMOVE	401 DEPARTURE SURFACE / NONE			
0.46	STAND OF TREES	2012	101.2	151.2	102.0	4.4	90.9	6.1	12.3	20.9	88.0	63.7	62.7	REMOVE	401 DEPARTURE SURFACE / NONE			
0.47	STAND OF TREES	2012	112.3	162.3	103.0	NOT APPLICABLE	NOT APPLICABLE	99.1	0.7	13.9	28.0	58.0	70.0	REMOVE	401 DEPARTURE SURFACE / NONE			
0.48	STAND OF TREES	2012	94.2	144.2	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	97.4	48.0	60.0	60.0	REMOVE	401 DEPARTURE SURFACE / NONE			
0.49	STAND OF TREES	2012	94.2	144.2	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	97.4	48.0	60.0	60.0	REMOVE	401 DEPARTURE SURFACE / NONE			
0.50	STAND OF TREES	2012	97.4	147.4	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	101.9	48.0	45.0	45.0	REMOVE	401 DEPARTURE SURFACE / NONE			
0.51	STAND OF TREES	2012	101.2	151.2	102.0	4.4	90.9	6.1	12.3	20.9	88.0	63.7	62.7	REMOVE	401 DEPARTURE SURFACE / NONE			
0.52	STAND OF TREES	2012	101.2	151.2	102.0	4.4	90.9	6.1	12.3	20.9	88.0	63.7	62.7	REMOVE	401 DEPARTURE SURFACE / NONE			
0.53	STAND OF TREES	2012	101.6	151.6	137.4	1.2	28.5	3.1	17.4	22.0	114.7	17.7	37.7	REMOVE	401 DEPARTURE SURFACE / NONE			
0.54	ENCLOSURE WAY	2012	19.0	69.0	66.9	NOT APPLICABLE	NOT APPLICABLE	106.4	10.4	106.4	10.4	106.4	10.4	REMOVE	401 DEPARTURE SURFACE / NONE			
0.55	ENCLOSURE WAY	2012	19.0	70.0	NOT APPLICABLE	NOT APPLICABLE	106.4	10.4	106.4	10.4	106.4	10.4	106.4	10.4	REMOVE	401 DEPARTURE SURFACE / NONE		
0.56	ENCLOSURE WAY	2012	19.0	70.0	NOT APPLICABLE	NOT APPLICABLE	106.4	10.4	106.4	10.4	106.4	10.4	106.4	10.4	REMOVE	401 DEPARTURE SURFACE / NONE		
0.57	ENCLOSURE WAY	2012	19.0	70.0	NOT APPLICABLE	NOT APPLICABLE	106.4	10.4	106.4	10.4	106.4	10.4	106.4	10.4	REMOVE	401 DEPARTURE SURFACE / NONE		
0.58	STAND OF TREES	2012	98.2	148.2	148.7	1.3	13.3	1.9	19.6	44.8	129.0	20.9	48.9	REMOVE	401 DEPARTURE SURFACE / NONE			
0.59	STAND OF TREES	2012	196.7	194.9	197.8	0.8	45.4	0.8	219.0	6.9	136.9	17.7	17.7	REMOVE	401 DEPARTURE SURFACE / NONE			
0.60	ENCLOSURE WAY	2012	19.0	70.0	NOT APPLICABLE	NOT APPLICABLE	106.4	10.4	106.4	10.4	106.4	10.4	106.4	10.4	REMOVE	401 DEPARTURE SURFACE / NONE		
1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	REMOVE	201 APPROACH SURFACE / NONE			
1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	REMOVE	201 APPROACH SURFACE / NONE			
1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	REMOVE	201 APPROACH SURFACE / NONE			
1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	REMOVE	201 APPROACH SURFACE / NONE			
1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	REMOVE	201 APPROACH SURFACE / NONE			
1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	REMOVE	201 APPROACH SURFACE / NONE			
1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	REMOVE	201 APPROACH SURFACE / NONE			
1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	REMOVE	201 APPROACH SURFACE / NONE			
1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	REMOVE	201 APPROACH SURFACE / NONE			
1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	REMOVE	201 APPROACH SURFACE / NONE			
1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	REMOVE	201 APPROACH SURFACE / NONE			
1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	REMOVE	201 APPROACH SURFACE / NONE			
1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	REMOVE	201 APPROACH SURFACE / NONE			
1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	REMOVE	201 APPROACH SURFACE / NONE			
1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	REMOVE	201 APPROACH SURFACE / NONE			
1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	REMOVE	201 APPROACH SURFACE / NONE			
1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	REMOVE	201 APPROACH SURFACE / NONE			
1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	REMOVE	201 APPROACH SURFACE / NONE			
1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	REMOVE	201 APPROACH SURFACE / NONE			
1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	REMOVE	201 APPROACH SURFACE / NONE			
1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	REMOVE	201 APPROACH SURFACE / NONE			
1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	REMOVE	201 APPROACH SURFACE / NONE			
1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	REMOVE	201 APPROACH SURFACE / NONE			
1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	REMOVE	201 APPROACH SURFACE / NONE			
1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	REMOVE	201 APPROACH SURFACE / NONE			
1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	REMOVE	201 APPROACH SURFACE / NONE			
1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	REMOVE	201 APPROACH SURFACE / NONE			
1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	REMOVE	201 APPROACH SURFACE / NONE			
1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2								

LEGEND						
DESCRIPTION	EXISTING	PHASE 1	PHASE 2	PHASE 3	FUTURE	
CRITICAL CATCH IDENTIFICATION		SAME	SAME	SAME	SAME	SAME
AIRPORT PROPERTY LINE			SAME	SAME	SAME	SAME
EXISTING AIRPORT PROPERTY		NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	
PROPERTY ACQUISITION	NONE		SAME	SAME	SAME	SAME
AVIGATION EASEMENT - PARCEL	NONE	SAME	SAME	SAME	SAME	SAME
AVIGATION EASEMENT - ROADWAY	NONE	SAME	SAME	SAME	SAME	SAME
FENCE			SAME	SAME	SAME	SAME
STRUCTURES						
PAVEMENT						
DEMOLITION	NONE					NONE
RUNWAY OBJECT FREE ZONE (RFOZ)		SAME	SAME	SAME	SAME	RFA
RUNWAY SAFETY AREA (RSA)		SAME	SAME	SAME	SAME	RFA
OBSTACLE FREE ZONE (OFZ)	OFZ	SAME	SAME	SAME	OFZ	SAME
RUNWAY PROTECTION ZONE (RPZ)	NOT SHOWN	SAME	SAME	SAME	SAME	SAME
EXTENDED RUNWAY CENTERLINE		SAME	SAME	SAME	SAME	SAME
CH 1 TITLE 14 PART 77 APPROACH SURFACE		SAME	SAME	SAME	SAME	SAME
PAV. OBSTACLE CLEARANCE SURFACE	SAME	SAME	SAME	SAME	SAME	SAME
THRESHOLD SITING SURFACE - APPROACH (D1 SLOPE)		SAME	SAME	SAME	SAME	SAME
THRESHOLD SITING SURFACE - APPROACH (D2 SLOPE)	NOT APPLICABLE	NOT APPLICABLE				SAME
THRESHOLD SITING SURFACE - DEPARTURE		SAME	SAME	SAME	SAME	SAME
GROUND ELEVATION COUNTAINS		SAME	SAME	SAME	SAME	SAME
TREE STAND		SAME	SAME	SAME	SAME	SAME
WETLANDS		SAME	SAME	SAME	SAME	SAME
STANDING BODIES OF WATER		SAME	SAME	SAME	SAME	SAME
STREAMS		SAME	SAME	SAME	SAME	SAME

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PROJECT

VAY Airport Master Plan
ALP Drawing Set
August 2014

South Jersey Regional Airport (VAY)
68 Stacy Haines Road
Lumberton, NJ 08048

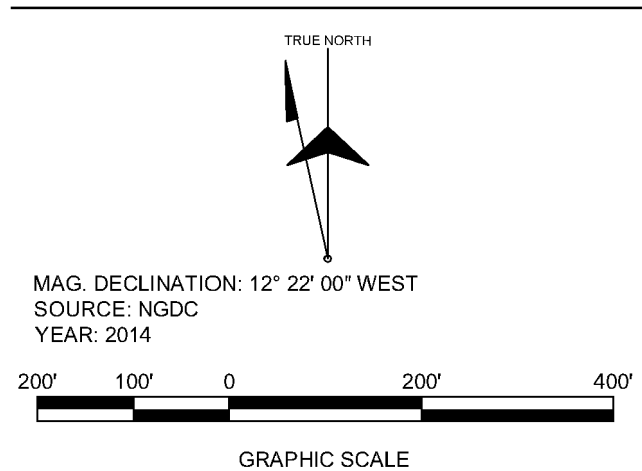
CLIENT/SPONSOR

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www.aecom.com

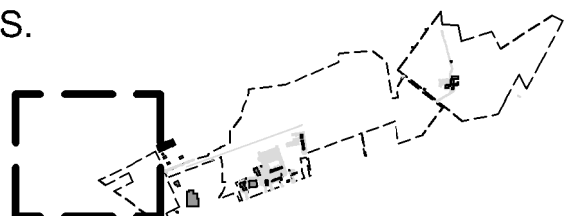


REVISION

R	DATE	DESCRIPTION

KEY PLAN

N.T.S.



PROJECT NUMBER

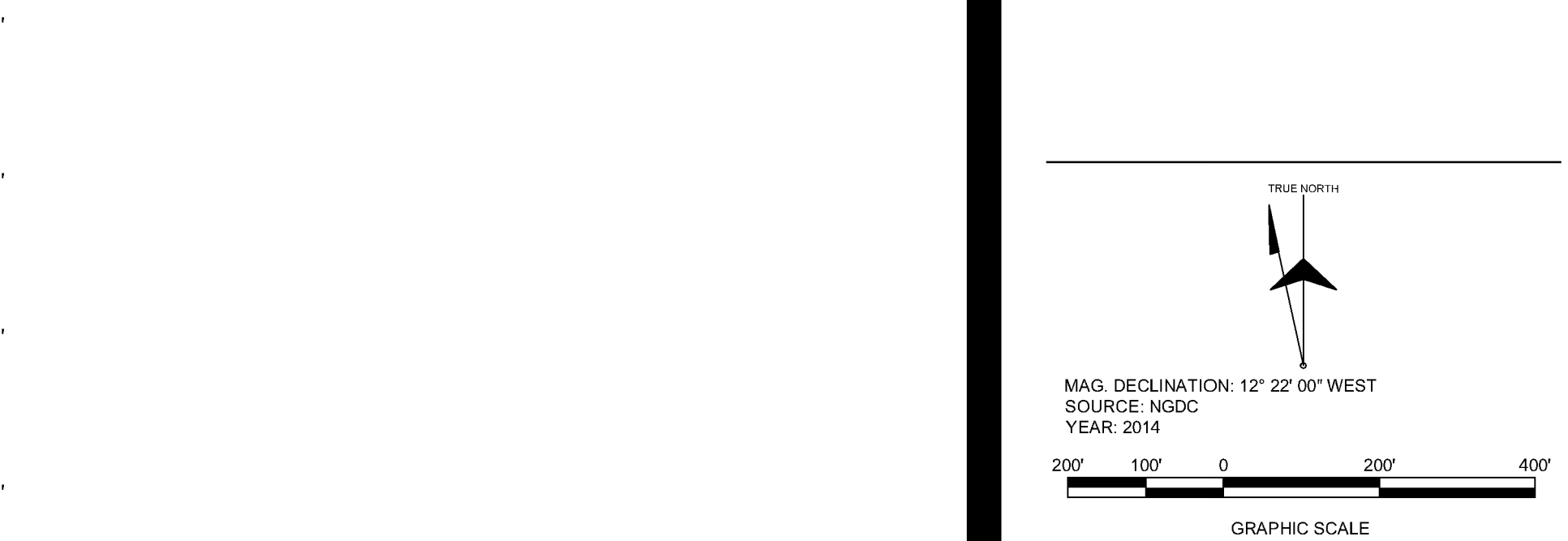
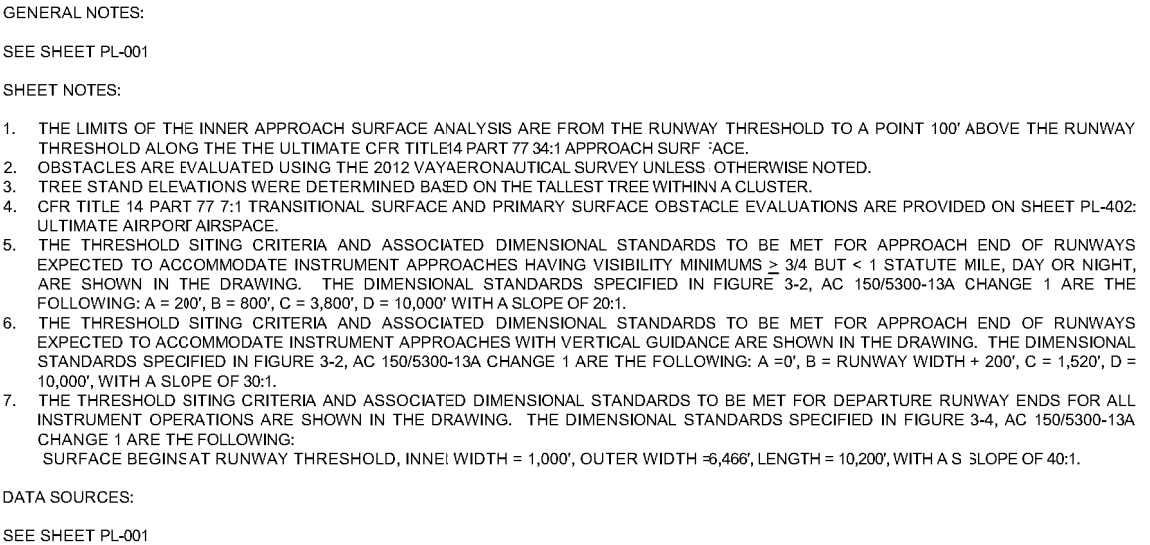
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SHEET TITLE

ULTIMATE INNER PORTION OF THE
APPROACH SURFACE FOR RUNWAY 8

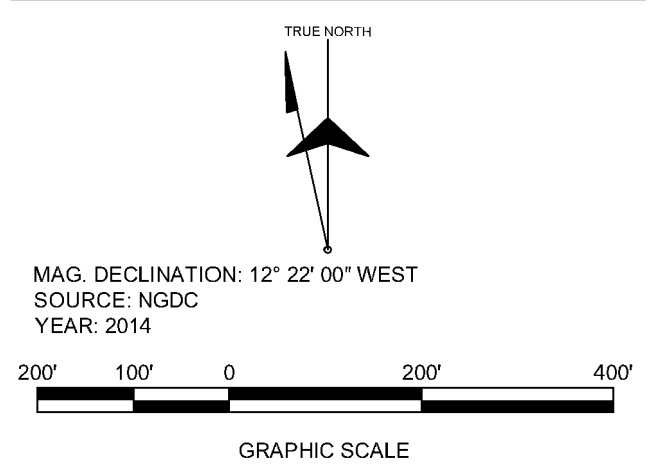
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PL-405

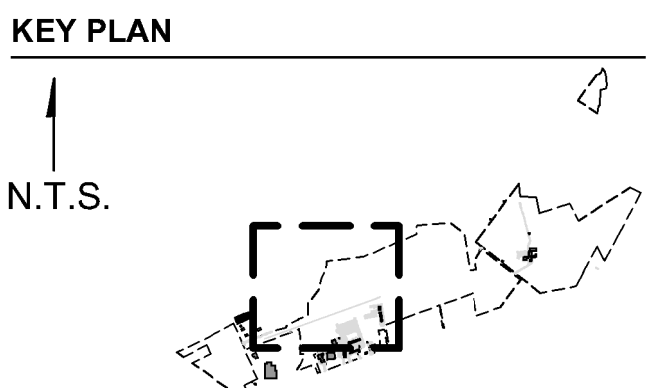


RUNWAY 26 OBSTRUCTION TABLE															
OBJECT ID	DESCRIPTION	DATE OF OBSTRUCTION SURVEY	OBJECT ELEVATION		PART 1 30' SLOPE QUANTIFY SURFACE (FOOT) (NOT CLARIFIED)		PART 2 24-1 APPROACH (NOT CLARIFIED)		PART 3 21-15 HOLD BYING SURFACE (FOOT) (NOT CLARIFIED)		401 DEPARTURE SURFACE (NOT CLARIFIED)		PROPOSED DEPOSITION	TRIGGERING EVENT / EXPECTED REMOVAL DATE	
			ASG.(FT.)	MSL.(FT.)	ELEVATION (FT.)	PENETRATION (FT.)	ELEVATION (FT.)	PENETRATION (FT.)	ELEVATION (FT.)	PENETRATION (FT.)	ELEVATION (FT.)	PENETRATION (FT.)			
26-17	STAND OF TREES	2012	55.1	103.0	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	23.2	7.9	REMOVE	401 DEPARTURE SURFACE / NONE
26-18	STAND OF TREES	2012	64.4	113.4	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	0.0	23.0	REMOVE	401 DEPARTURE SURFACE / NONE
26-19	STAND OF TREES	2012	51.1	101.1	22.0	26.0	10.0	40.0	14.5	0.0	10.5	43.0	REMOVE	401 DEPARTURE SURFACE / NONE	
26-20	STAND OF TREES	2012	101.7	126.7	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	0.0	10.6	REMOVE	401 DEPARTURE SURFACE / NONE
26-21	STAND OF TREES	2012	105.9	147.0	13.1	25.0	11.6	6.0	16.9	4.9	11.2	44.9	REMOVE	401 DEPARTURE SURFACE / NONE	
26-22	STAND OF TREES	2012	92.0	160.0	1.0	1.0	1.0	1.0	2.4	1.0	2.4	24.4	REMOVE	401 DEPARTURE SURFACE / NONE	
26-23	FORTSTOWN ROAD	2012	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	0.0	21.0	REMOVE	401 DEPARTURE SURFACE / NONE
26-24	STAND OF TREES	2012	82.9	124.9	15.3	20.4	13.0	8.0	19.0	65.8	12.6	17.1	NONE	401 DEPARTURE SURFACE / NONE	
26-25	FORTSTOWN ROAD	2012	15.0	35.0	NOT APPLICABLE	NOT APPLICABLE	13.0	18.0	18.0	18.0	23.0	23.0	NONE	401 DEPARTURE SURFACE / NONE	
26-26	OFF AIRPORT BUILDING	NONE	16.0	36.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	21.0	REMOVE	401 DEPARTURE SURFACE / NONE
26-27	OFF AIRPORT BUILDING	NONE	16.0	36.0	NOT APPLICABLE	NOT APPLICABLE	13.4	17.4	19.0	13.9	22.9	17.1	NONE	401 DEPARTURE SURFACE / NONE	
26-28	OFF AIRPORT BUILDING	NONE	16.0	36.0	15.0	22.0	13.0	17.0	17.0	13.9	22.9	17.1	NONE	401 DEPARTURE SURFACE / NONE	
26-29	FORTSTOWN ROAD	2012	18.0	38.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	21.0	REMOVE	401 DEPARTURE SURFACE / NONE
26-30	POLL	2012	34.8	77.8	16.0	48.2	45.0	40.0	20.0	13.0	13.1	58.3	NONE	401 DEPARTURE SURFACE / NONE	
26-31	POLL	2012	35.0	78.0	16.0	48.2	45.0	40.0	20.0	13.0	13.1	58.3	NONE	401 DEPARTURE SURFACE / NONE	
26-32	FORTSTOWN ROAD	2012	88.0	127.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	29.0	REMOVE	401 DEPARTURE SURFACE / NONE

LEGEND						
DESCRIPTION	EXISTING	PHASE 1	PHASE 2	PHASE 3	FUTURE	
CRITICAL OBJECT IDENTIFICATION		SAME	SAME	SAME	SAME	
AIRPORT PROPERTY LINE		SAME	SAME	SAME	SAME	
EXISTING AIRPORT PROPERTY		NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	
PROPERTY ACQUISITION	NONE		SAME	SAME	SAME	
AVIGATION EASEMENT- PARCEL	NONE	SAME	SAME	SAME	SAME	
AVIGATION EASEMENT- ROADWAY	NONE	SAME	SAME	SAME	SAME	
FENCE			SAME	SAME	SAME	
STRUCTURES						
PAVEMENT						
DEMOLITION	NONE				NONE	
RUNWAY OBJECT FREE ZONE (ORFZ)		SAME	SAME		ORFZ	
RUNWAY SLOTTED AREA (RSA)		SAME	SAME		RSA	
OBSTACLE FREE ZONE (OFZ)		SAME	SAME		OFZ	
RUNWAY PROTECTION ZONE (RPZ)	NOT SHOWN	SAME	SAME		SAME	
EXTENDED RUNWAY CENTERLINE		SAME	SAME	SAME	SAME	
CHR TITLE 14 PART 77 PROHIBIT SURFACE		SAME	SAME		SAME	
77FT OBSTACLE CLEARANCE SURFACE		SAME			SAME	
THRESHOLD SLOPING SURFACE- APPROACH (DGS SLOPE)		SAME	SAME		SAME	
THRESHOLD SLOPING SURFACE- APPROACH (DGS SLOPE)	NOT APPLICABLE	NOT APPLICABLE			SAME	
THRESHOLD SLOPING SURFACE- DEPARTURE		SAME	SAME		SAME	
GROUND ELEVATION COUNTOURS		SAME	SAME	SAME	SAME	
TREE STAND		SAME	SAME	SAME	SAME	
WETLANDS		SAME	SAME	SAME	SAME	
STANDING BODIES OF WATER		SAME	SAME	SAME	SAME	
STREAMS		SAME	SAME	SAME	SAME	

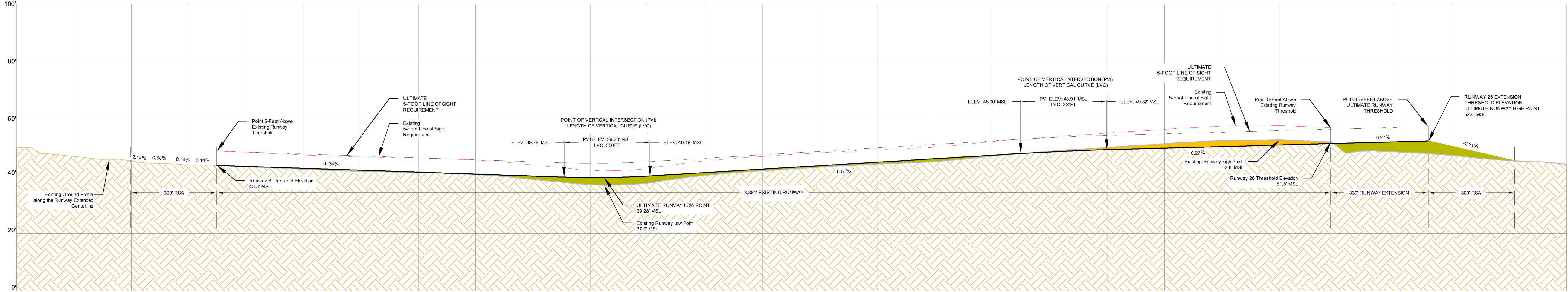


REVISION		
R	DATE	DESCRIPTION



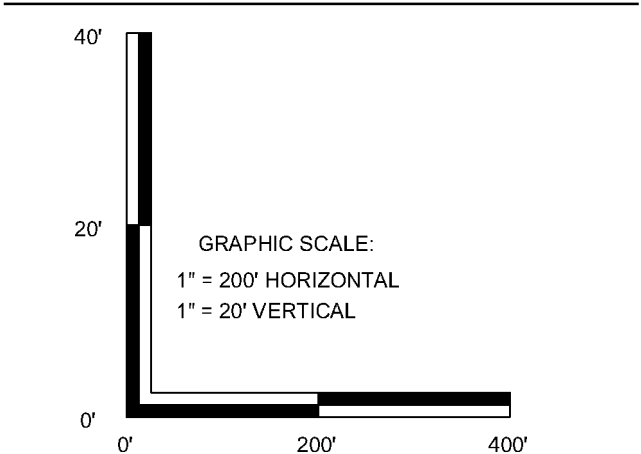
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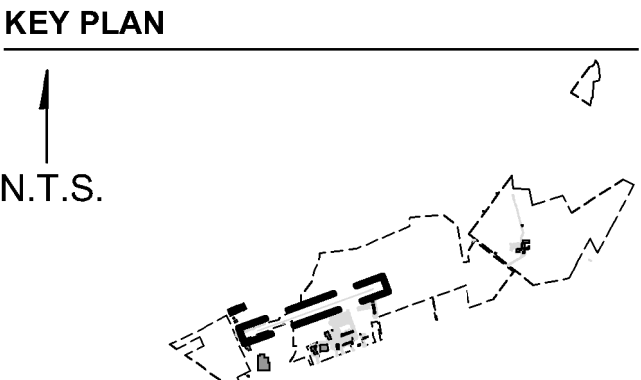


GENERAL NOTES:
SEE SHEET PL-001
SHEET NOTES:
1. PROPOSED RUNWAY CENTERLINE PROFILE AS SHOWN IN SOUTH JERSEY REGIONAL MASTER PLAN UPDATE DATED MARCH 2013, SECTION 6, IMPLEMENTATION PLAN.
DATA SOURCES:
SEE SHEET PL-001

LEGEND	
DESCRIPTION	
EXISTING RUNWAY PROFILE	
ULTIMATE RUNWAY PROFILE	
EXISTING 5-FOOT LINE OF SIGHT REQUIREMENT	
ULTIMATE 5-FOOT LINE OF SIGHT REQUIREMENT	
PROPOSED FILL	
PROPOSED CUT	
EXISTING GROUND	



REVISION		
R	DATE	DESCRIPTION



PROJECT NUMBER
60247819
SHEET TITLE
RUNWAY CENTERLINE PROFILE
SHEET NUMBER
PL-407

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PROJECT

VAY Airport Master Plan

ALP Drawing Set

August 2014

South Jersey Regional Airport (VAY)
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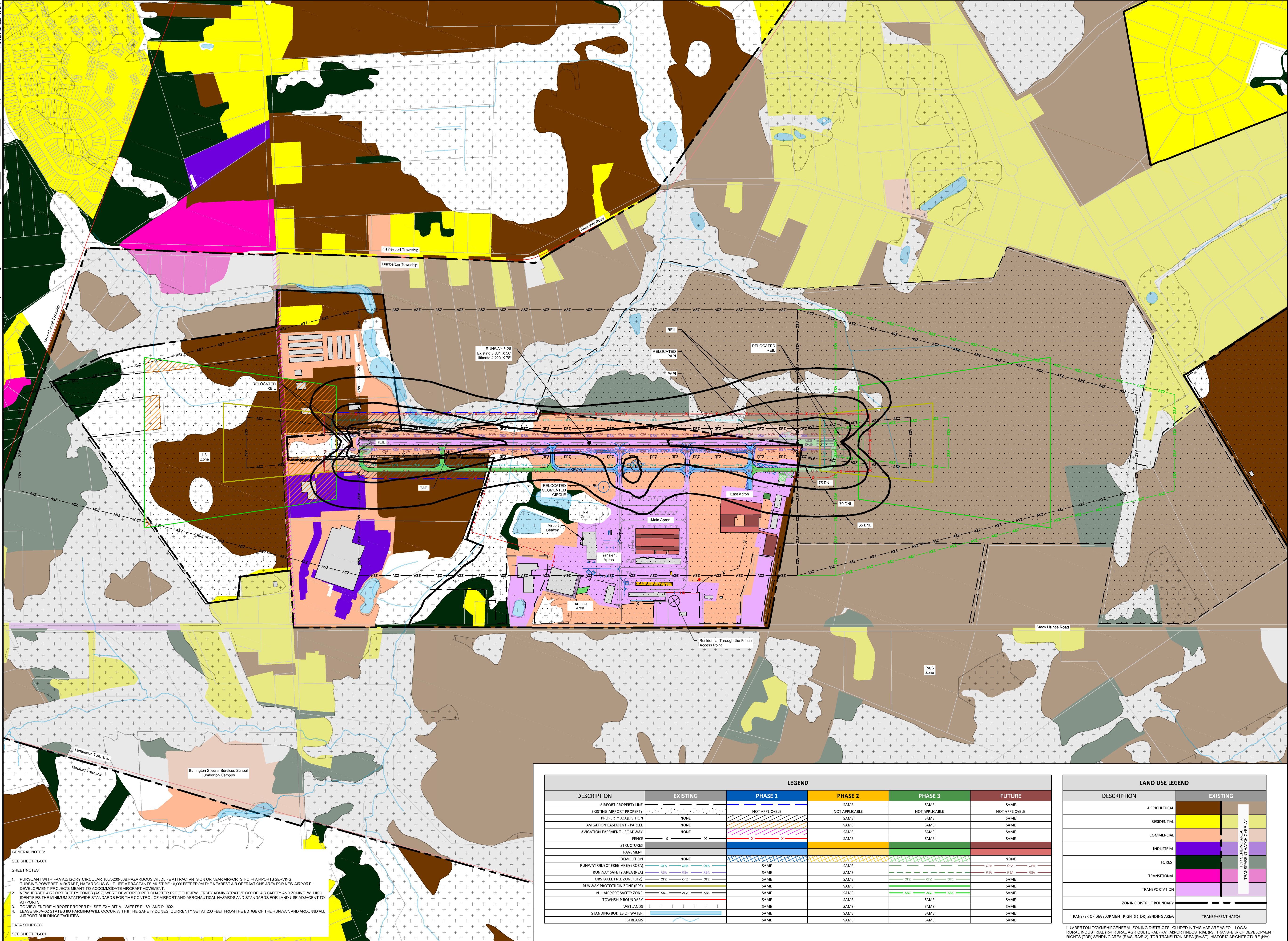
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File name: P:\AVIATION\VA\####-TRADITIONAL ALP SET\400-TECHNICAL\424-CADD\FILES\424.2-CONTRACT\DRAWINGS\424.21-GENERAL CIVIL\PL500_501.DWG
Project Management Initials: Designer: DMG Checked: BJW Approved: RP
ANSI D 22" x 34"



LEGEND					
DESCRIPTION	EXISTING	PHASE 1	PHASE 2	PHASE 3	FUTURE
AIRPORT PROPERTY LINE	SAME	SAME	SAME	SAME	SAME
EXISTING AIRPORT PROPERTY	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE
PROPERTY ACQUISITION	SAME	SAME	SAME	SAME	SAME
AVIGATION EASEMENT - PARCEL	SAME	SAME	SAME	SAME	SAME
AVIGATION EASEMENT - ROADWAY	SAME	SAME	SAME	SAME	SAME
FENCE	X	X	X	X	X
STRUCTURES	SAME	SAME	SAME	SAME	SAME
PAVEMENT	SAME	SAME	SAME	SAME	SAME
REMOVAL	NONE	NONE	NONE	NONE	NONE
RUNWAY OBJECT FREE AREA (ROFA)	OF1	OF1	OF1	OF1	OF1
RUNWAY SAFETY AREA (RSA)	OSA	OSA	OSA	OSA	OSA
OBSTACLE FREE ZONE (OFZ)	OF2	OF2	OF2	OF2	OF2
RUNWAY PROTECTION ZONE (RPZ)	SAME	SAME	SAME	SAME	SAME
N.J. AIRPORT SAFETY ZONE	ASZ	ASZ	ASZ	ASZ	ASZ
TOWNSHIP BOUNDARY	SAME	SAME	SAME	SAME	SAME
WETLANDS	+	+	+	+	+
STANDING BODIES OF WATER	SAME	SAME	SAME	SAME	SAME
STREAMS	SAME	SAME	SAME	SAME	SAME

LAND USE LEGEND	
DESCRIPTION	EXISTING
AGRICULTURAL	SAME
RESIDENTIAL	SAME
COMMERCIAL	SAME
INDUSTRIAL	SAME
FOREST	SAME
TRANSITIONAL	SAME
TRANSPORTATION	SAME
ZONING DISTRICT BOUNDARY	SAME
TRANSFER OF DEVELOPMENT RIGHTS (TDR) SENDING AREA	TRANSPARENT HATCH

LUMBERTON TOWNSHIP GENERAL ZONING DISTRICTS INCLUDED IN THIS MAP ARE AS FOLLOWS:
RURAL INDUSTRIAL (RI-1); RURAL AGRICULTURAL (RA); AIRPORT INDUSTRIAL (AI-1); TRANSFER OF DEVELOPMENT RIGHTS (TDR) SENDING AREA (RAS, RAS-2); TDR TRANSITION AREA (RABT); HISTORIC ARCHITECTURE (HA)

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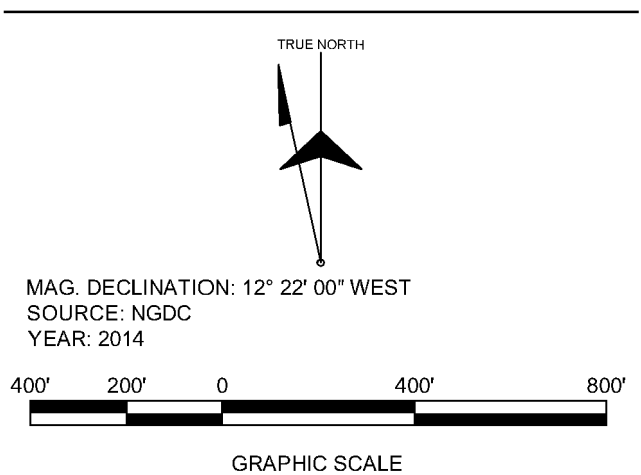
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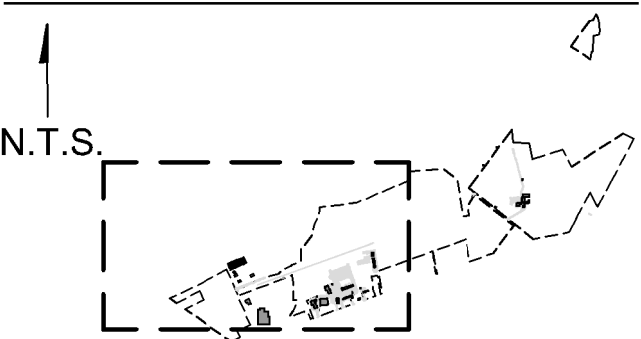
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R	DATE	DESCRIPTION

KEY PLAN



PROJECT NUMBER

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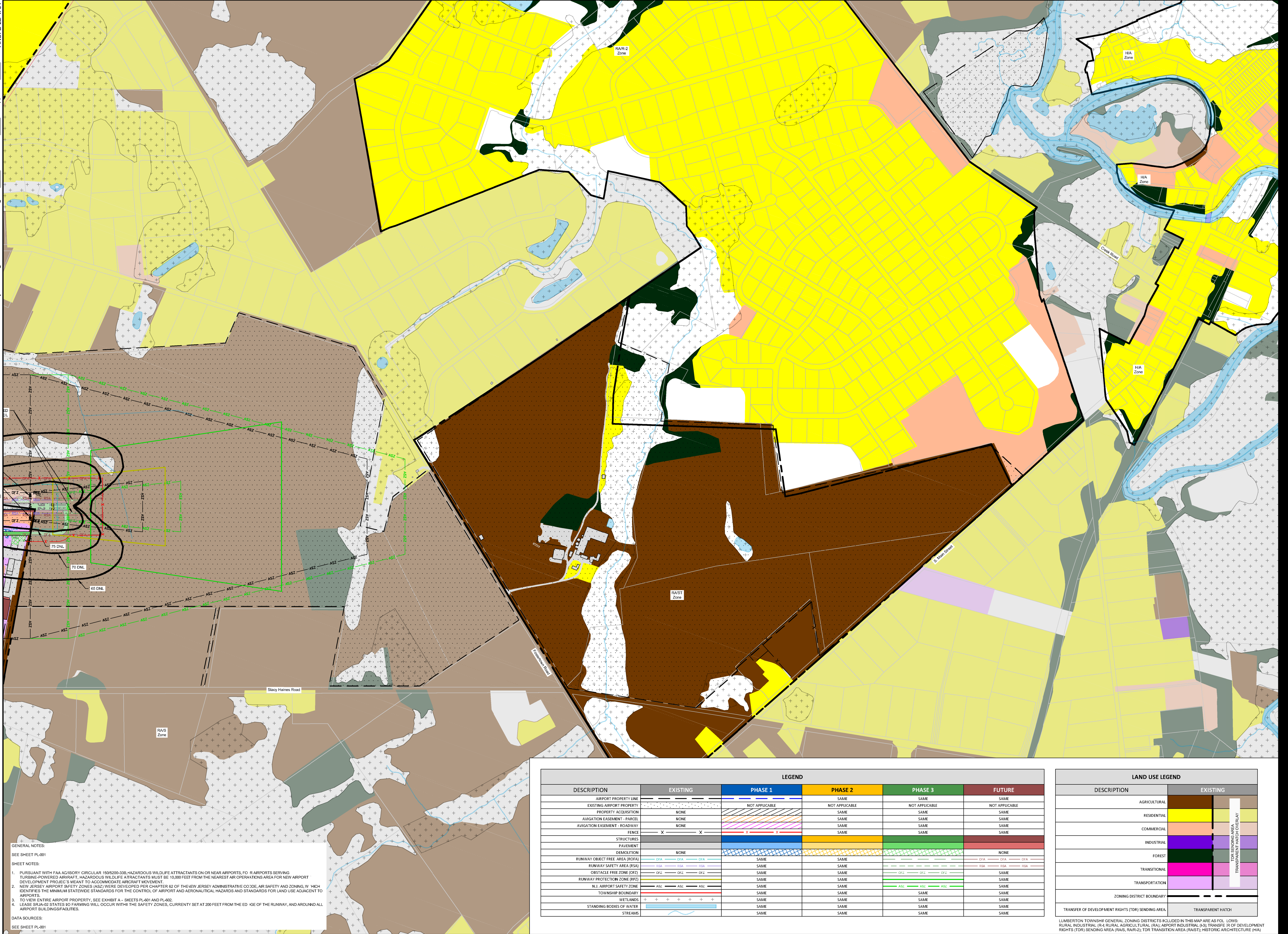
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LAND USE (1 OF 2)

SHEET NUMBER

PL-500

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Project Management Initials: Designer: DMG Checked: EJJW Approved: RP
ANSI D 22" x 34"



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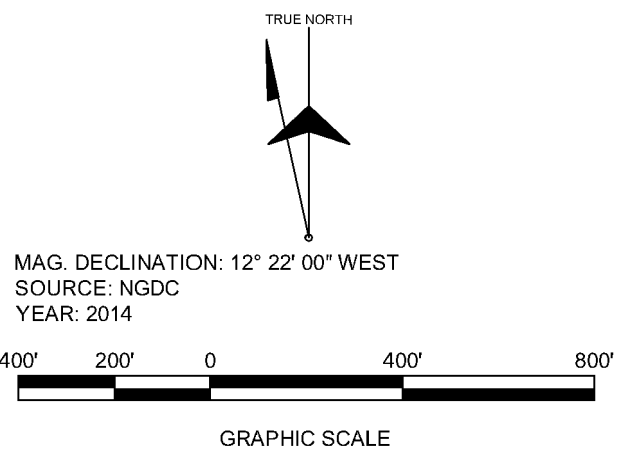
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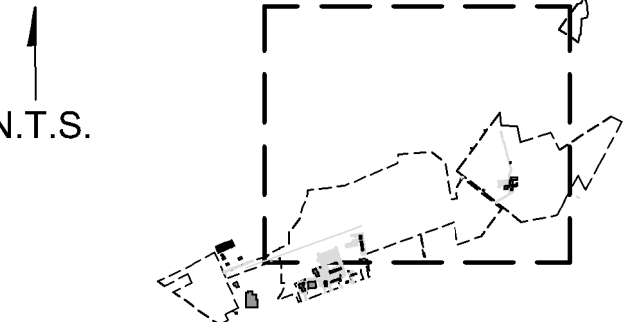
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KEY PLAN



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SHEET TITLE

LAND USE (2 OF 2)

SHEET NUMBER

PL-501

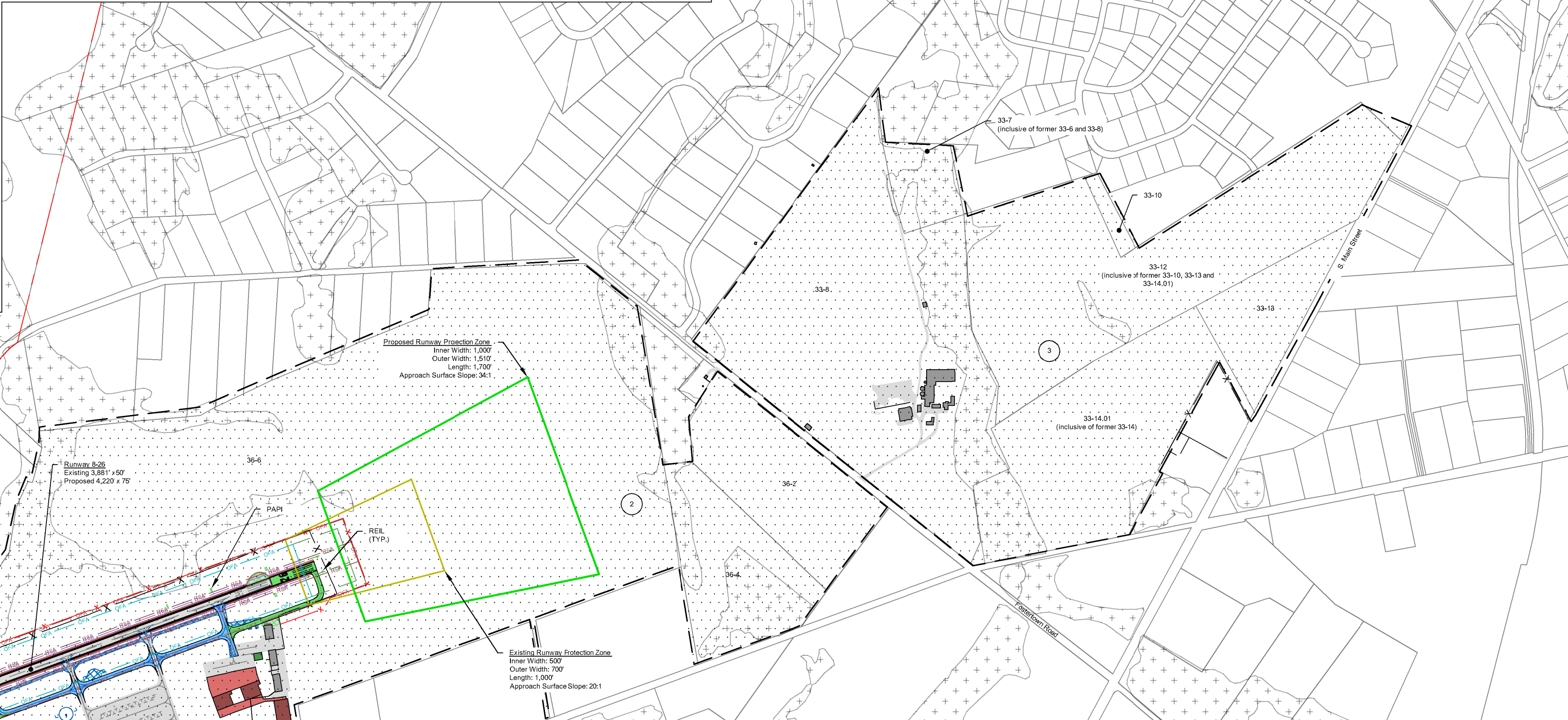
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Project Management Initials: Designer: DMG Checked: BJW Approved: RP
ANSI D 22" x 34"

EXISTING AIRPORT PROPERTY												
PARCEL DESIGNATION	GRANTOR	GRANTEE	TYPE OF INTEREST	ACREAGE (±)	DATE OF ACQUISITION	TYPE OF CONVEYANCE INSTRUMENT	LIBER/BOOK AND PAGE OF RECORDING	FAA GRANT NUMBER (IF APPLICABLE)	FEDERAL AGREEMENTS OR CONDITIONS	PUBLIC LAND REFERENCES	ANY KNOWN ENCUMBRANCES	PURPOSE OF ACQUISITION
1	LESTER C. JONES & SONS, INC.	AVIATION REALTY CORPORATION	FEE SIMPLE	58.44	7/20/1994	DEED	BOOK 4797, PAGE 272	AIP-0051993		0317-36-4.01	TO BE DETERMINED	AVIATION DEVELOPMENT
	AVIATION REALTY CORPORATION	STATE OF NEW JERSEY DOT	FEE SIMPLE	58.44	3/10/2004	DEED	BOOK 6165, PAGE 234	N/A		0317-36-4.01	TO BE DETERMINED	AVIATION DEVELOPMENT
2	LESTER C. JONES & SONS, INC.	AVIATION REALTY CORPORATION	FEE SIMPLE	22.32	7/20/1994	DEED	BOOK 4797, PAGE 272	AIP-0051993		0317-36-2	TDR SENDING AREA (SEE NOTE 5)	AVIATION DEVELOPMENT
	LESTER C. JONES & SONS, INC.	AVIATION REALTY CORPORATION	FEE SIMPLE	20.42	7/20/1994	DEED	BOOK 4797, PAGE 272	AIP-0051993		0317-36-4	TDR SENDING AREA (SEE NOTE 5)	AVIATION DEVELOPMENT
	LESTER C. JONES & SONS, INC.	AVIATION REALTY CORPORATION	FEE SIMPLE	211.86	7/20/1994	DEED	BOOK 4797, PAGE 272	AIP-0051993		0317-36-6	TDR SENDING AREA (SEE NOTE 5)	AVIATION DEVELOPMENT
	AVIATION REALTY CORPORATION	STATE OF NEW JERSEY DOT	FEE SIMPLE	374.16	3/10/2004	DEED	BOOK 6165, PAGE 234	N/A		0317-36-13	TDR SENDING AREA (SEE NOTE 5)	AVIATION DEVELOPMENT
	LESTER C. JONES & SONS, INC.	AVIATION REALTY CORPORATION	FEE SIMPLE	13.94	7/20/1994	DEED	BOOK 4797, PAGE 272	AIP-0051993		0317-33-6	TO BE DETERMINED	AVIATION DEVELOPMENT
3	LESTER C. JONES & SONS, INC.	AVIATION REALTY CORPORATION	FEE SIMPLE	6.38	7/20/1994	DEED	BOOK 4797, PAGE 272	AIP-0051993		0317-33-7	TDR SENDING AREA (SEE NOTE 5)	AVIATION DEVELOPMENT
	LESTER C. JONES & SONS, INC.	AVIATION REALTY CORPORATION	FEE SIMPLE	83.83	7/20/1994	DEED	BOOK 4797, PAGE 272	AIP-0051993		0317-33-8	TDR SENDING AREA (SEE NOTE 5)	AVIATION DEVELOPMENT
	LESTER C. JONES & SONS, INC.	AVIATION REALTY CORPORATION	FEE SIMPLE	10.49	12/23/1994	DEED	BOOK 4899, PAGE 034	BGP-3-34-0054-01-94		0317-33-10	TDR SENDING AREA (SEE NOTE 5)	AVIATION DEVELOPMENT
	LESTER C. JONES & SONS, INC.	AVIATION REALTY CORPORATION	FEE SIMPLE	86.00	12/23/1994	DEED	BOOK 4899, PAGE 034	BGP-3-34-0054-01-94		0317-33-12	TDR SENDING AREA (SEE NOTE 5)	AVIATION DEVELOPMENT
	LESTER C. JONES & SONS, INC.	AVIATION REALTY CORPORATION	FEE SIMPLE	12.63	12/23/1994	DEED	BOOK 4899, PAGE 034	BGP-3-34-0054-01-95		0317-33-13	TDR SENDING AREA (SEE NOTE 5)	AVIATION DEVELOPMENT
	LESTER C. JONES & SONS, INC.	AVIATION REALTY CORPORATION	FEE SIMPLE	30.25	1/13/1995	DEED	BOOK 4903, PAGE 009	BGP-3-34-0054-01-95		0317-33-14	TDR SENDING AREA (SEE NOTE 5)	AVIATION DEVELOPMENT
	AVIATION REALTY CORPORATION	STATE OF NEW JERSEY DOT	FEE SIMPLE	90.10	3/10/2004	DEED	BOOK 6165, PAGE 234	N/A		0317-33-7	TDR SENDING AREA (SEE NOTE 5)	AVIATION DEVELOPMENT
	AVIATION REALTY CORPORATION	STATE OF NEW JERSEY DOT	FEE SIMPLE	116.65	3/10/2004	DEED	BOOK 6165, PAGE 234	N/A		0317-33-12	TO BE DETERMINED	AVIATION DEVELOPMENT
	AVIATION REALTY CORPORATION	STATE OF NEW JERSEY DOT	FEE SIMPLE	12.90	3/10/2004	DEED	BOOK 6165, PAGE 234	N/A		0317-31-6	TO BE DETERMINED	AVIATION DEVELOPMENT

RELEASED AIRPORT PROPERTY											
PARCEL DESIGNATION	GRANTEE	TYPE OF INTEREST	ACREAGE (±)	DATE OF DISPOSAL	DATE OF RELEASE	TYPE OF CONVEYANCE INSTRUMENT	LIBER/BOOK AND PAGE OF RECORDING	FEDERAL AGREEMENTS OR CONDITIONS	TYPE OF RELEASE (IF APPLICABLE)	PUBLIC LAND REFERENCES	ANY KNOWN ENCUMBRANCES
5	FRED KENNEDY	FEE SIMPLE	4.16	06/28/2004	7/7/2004	DEED	BOOK 6182, PAGE 380			0317-36-14.01	TO BE DETERMINED

THROUGH-THE-FENCE AGREEMENT										
PARCEL DESIGNATION	GRANTEE	TYPE OF INTEREST	ACREAGE (±)	DATE OF EASEMENT	PURPOSE OF EASEMENT	LIBER/BOOK AND PAGE OF RECORDING	FAA GRANT NUMBER (IF APPLICABLE)	FEDERAL AGREEMENTS OR CONDITIONS	PUBLIC LAND REFERENCES	ANY KNOWN ENCUMBRANCES
6	JACK C PATERNO JR.	EASEMENT	1.97	10/22/1990	AIRPORT ACCESS	BOOK 1445, PAGE 747		50' WIDE ACCESS POINT	0317-36-10.08	TO BE DETERMINED

PROPOSED PROPERTY ACQUISITION AND EASEMENTS						
PARCEL DESIGNATION	GRANTOR	TYPE OF INTEREST	ACREAGE (±)	PURPOSE OF ACQUISITION OR EASEMENT	PUBLIC LAND REFERENCES	ANY KNOWN ENCUMBRANCES
7	JOHN H AND GENEVIEVE PLANAGAN	FEE SIMPLE	6.47	FUTURE DEVELOPMENT - WITHIN ROFA	0317-36-13.01	TO BE DETERMINED
8	CREEK PROPERTIES LLC	FEE SIMPLE	2.51	FUTURE DEVELOPMENT - WITHIN ROFA	0317-36-12.06	TO BE DETERMINED
9	DARE GRANVILLE JR.	FEE SIMPLE	1.47	FUTURE DEVELOPMENT - WITHIN ROFA	0317-36-12.05	TO BE DETERMINED
10	FRANCIS W AND PATRICIA C HOGUE	FEE SIMPLE	0.58	FUTURE DEVELOPMENT - WITHIN ROFA	0317-36-12.10	TO BE DETERMINED
11	FRANCIS W III AND KIMBERLY A HOGUE	FEE SIMPLE	0.35	FUTURE DEVELOPMENT - WITHIN ROFA	0317-36-12.03	TO BE DETERMINED
12	FRANCIS W III AND KIMBERLY A HOGUE	FEE SIMPLE	0.48	FUTURE DEVELOPMENT - WITHIN ROFA	0317-36-12.04	TO BE DETERMINED
13	CREEK PROPERTIES LLC	FEE SIMPLE	1.78	FUTURE DEVELOPMENT - WITHIN PROPOSED RPZ	0317-36-12.01	TO BE DETERMINED
14	FRANCES S KEY	FEE SIMPLE	0.85	FUTURE DEVELOPMENT - WITHIN PROPOSED RPZ	0317-36-4.02	TO BE DETERMINED
15	DJ & EA ADAMS, ER & J MURPHY	FEE SIMPLE	0.07	FUTURE DEVELOPMENT - WITHIN PROPOSED RPZ	0317-36-6.06	TO BE DETERMINED
16	DJ & EA ADAMS, ER & J MURPHY	FEE SIMPLE	0.95	FUTURE DEVELOPMENT - WITHIN PROPOSED RPZ	0317-36-8.04	TO BE DETERMINED
17	CREEK PROPERTIES LLC	FEE SIMPLE	2.48	FUTURE DEVELOPMENT - WITHIN EXIS. & PROP. RPZ	0317-36-12.06	TO BE DETERMINED
18	JOHN H AND GENEVIEVE PLANAGAN	FEE SIMPLE	3.55	FUTURE DEVELOPMENT - WITHIN EXIS. & PROP. RPZ	0317-36-13.01	TO BE DETERMINED
19	LUMBERTON TOWNSHIP-ARK ROAD	FEE SIMPLE	3.41	FUTURE DEVELOPMENT - WITHIN EXIS. & PROP. RPZ	PUBLIC ROADWAY	TO BE DETERMINED



GENERAL NOTES:
SEE SHEET PL-001

SHEET NOTES:

1. THE AIRPORT PROPERTY BOUNDARY WAS GENERATED BASED ON THE PLAND SURVEY, DATED 3/12/03, AND IS SUBJECT TO FIELD SURVEY.
2. REFER TO R-602 FOR METES AND BOUNDS OF THE AIRPORT PROPERTY BOUNDARY.
3. TDR SENDING AREA RESTRICTED TO AGRICULTURAL OR CURRENT USE ONLY.
4. THERE ARE CURRENTLY NO EASEMENTS RECORDED AT VAY.
5. ACRESAGE DATA FROM THE TRANSACTIONS BETWEEN LESTER C. JONES & SONS, INC. AND THE AVIATION REALTY CORPORATION WAS GATHERED FROM DEED RECORDINGS, WHILE ACRESAGE DATA FROM THE TRANSACTIONS BETWEEN THE AVIATION REALTY CORPORATION AND STATE OF NEW JERSEY DOT WAS GATHERED FROM METES AND BOUNDS CALCULATIONS. DUE TO PAST LOT CONSOLIDATIONS, METES AND BOUNDS OF AIRPORT PROPERTY MAY NOT MATCH THOSE MENTIONED IN THE DEEDS.
6. THIS EXHIBIT A WAS APPROVED BY THE FAA IN JULY, 2014.

DATA SOURCES:
SEE SHEET PL-001

LEGEND					
DESCRIPTION	EXISTING	PHASE 1	PHASE 2	PHASE 3	FUTURE
AIRPORT PROPERTY LINE	---	---	---	---	---
EXISTING AIRPORT PROPERTY	---	---	---	---	---
PROPERTY ACQUISITION	NONE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE
AVIGATION EASEMENT - PARCEL	NONE	---	---	---	---
AVIGATION EASEMENT - ROADWAY	NONE	---	---	---	---
RELEASED PROPERTY	---	---	---	---	---
FENCE	X	X	X	X	X
STRUCTURES	---	---	---	---	---
PAYMENT	---	---	---	---	---
DISCONTINUITY	---	---	---	---	---
RUNWAY OBJECT FREE AREA (ROFA)	NONE	---	---	---	---
RUNWAY SAFETY AREA (RSA)	---	---	---	---	---
RUNWAY PROTECTION ZONE (RPZ)	---	---	---	---	---
AIRPORT REFERENCE POINT	---	---	---	---	---
TOWNSHIP BOUNDARY	---	---	---	---	---

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PROJECT

VAY Airport Master Plan
ALP Drawing Set
August 2014

South Jersey Regional Airport (VAY)
68 Stacy Haines Road
Lumberton, NJ 08048

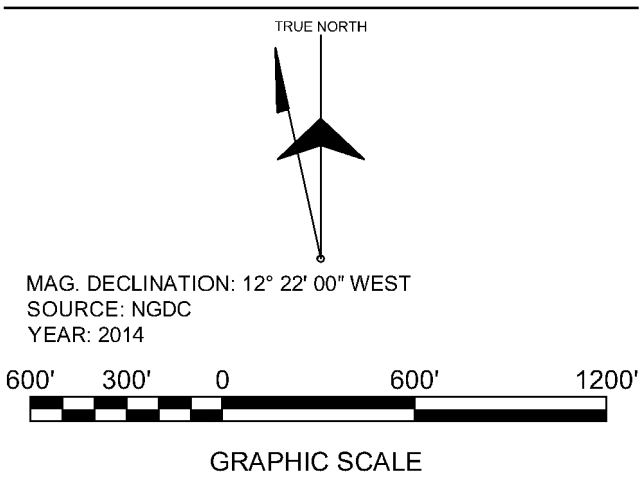
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1035 Parkway Avenue, P.O. Box 600
Trenton, NJ 08625-0600
609.530.2900 tel
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CONSULTANT

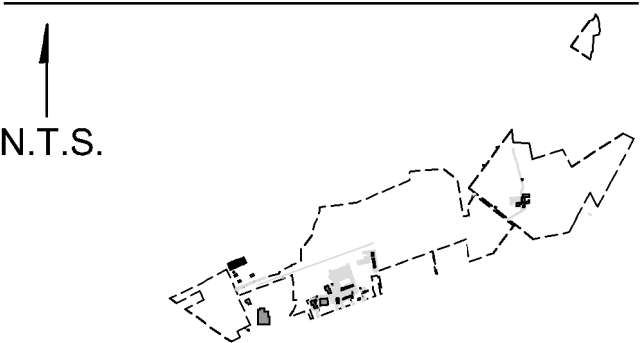
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REVISION

R	DATE	DESCRIPTION

KEY PLAN



PROJECT NUMBER

60247819

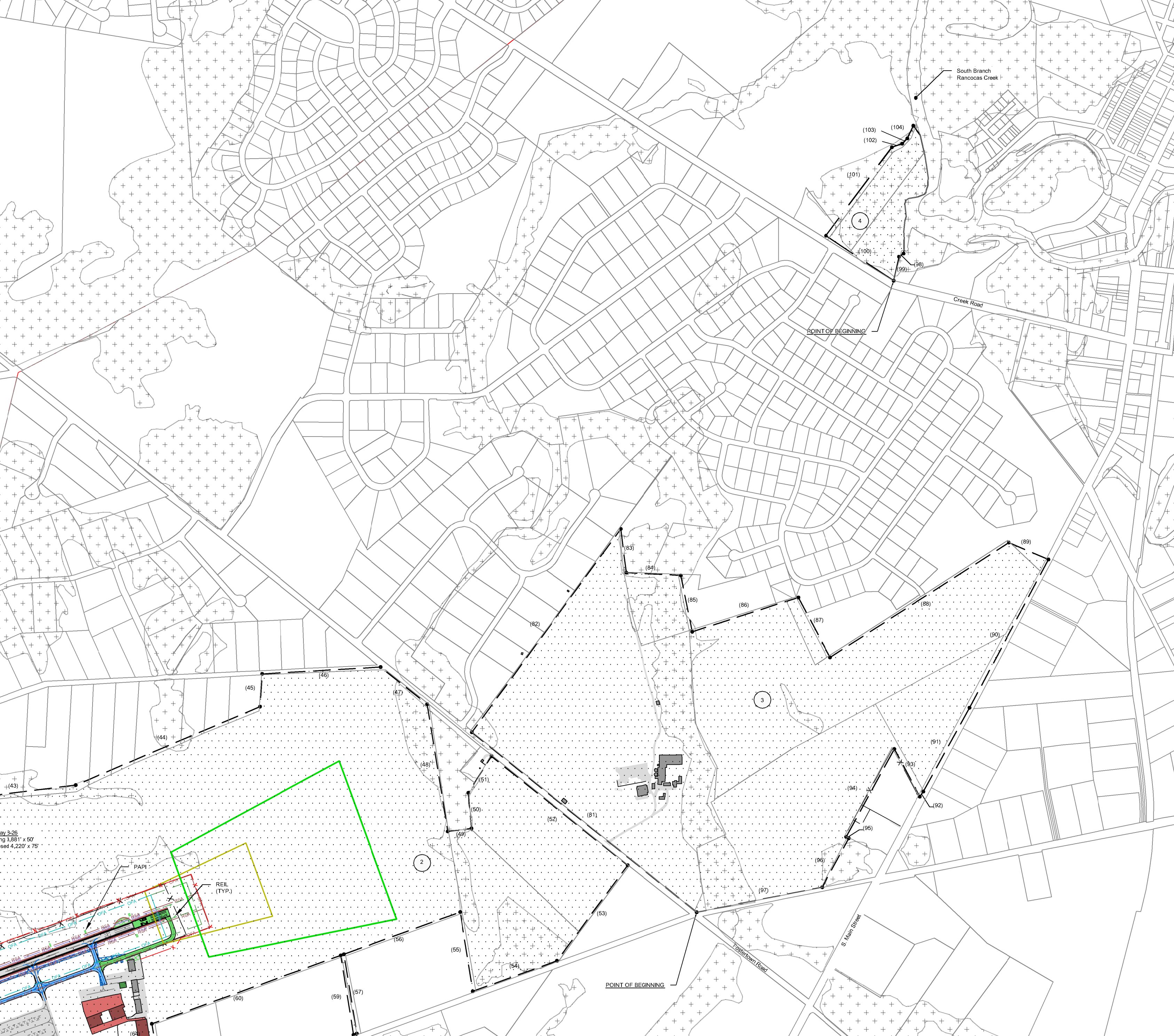
SHEET TITLE

EXHIBIT "A"
PROPERTY INVENTORY MAP

SHEET NUMBER

PL-601

METES AND BOUNDS										
LINE	DISTANCE	BEARING		LINE	DISTANCE	BEARING		LINE	DISTANCE	BEARING
PARCEL 1				(37)	379.50'	N 35° 52' 21" E		(75)	175.00'	N 19° 56' 47" W
(1)	437.00'	S 62° 41' 16" W		(38)	353.50'	N 12° 21' 47" E		(76)	225.37'	N 03° 26' 20" E
(2)	200.00'	S 22° 39' 49" E		(39)	191.45'	N 22° 11' 52" E		(77)	101.22'	N 05° 19' 38" W
(3)	309.24'	S 62° 45' 34" W		(40)	37.85'	S 68° 13' 59" E		(78)	115.20'	N 19° 56' 47" W
(4)	1796.23'	N 55° 12' 36" W		(41)	271.26'	N 12° 06' 53" E		(77)	365.00'	S 70° 03' 13" W
(5)	648.81'	N 63° 06' 45" E		(42)	108.20'	N 02° 03' 07" E		(80)	595.00'	S 19° 56' 47" E
(6)	297.15'	N 23° 23' 17" W		(43)	1160.88'	N 82° 56' 47" E		PARCEL 3		
(7)	824.81'	S 63° 06' 45" W		(44)	1796.77'	N 66° 53' 54" E		(81)	2585.36'	N 51° 20' 01" W
(8)	265.73'	N 55° 05' 58" W		(45)	294.47'	N 03° 35' 44" E		(82)	2262.76'	N 36° 10' 44" E
(9)	1186.84'	N 64° 35' 51" E		(46)	1068.49'	N 86° 42' 53" E		(83)	396.00'	S 07° 12' 00" E
(10)	851.00'	N 61° 36' 11" E		(47)	534.08'	S 51° 29' 01" E		(84)	491.04'	S 87° 06' 37" E
(11)	1904.72'	S 22° 39' 33" E		(48)	1156.27'	S 09° 09' 19" E		(85)	516.12'	S 11° 31' 53" E
PARCEL 2				(49)	217.57' (SEE NOTE 1.2)	N 83° 04' 40" E		(86)	1001.88'	N 72° 05' 12" E
(12)	100.00'	S 68° 03' 13" W (SEE NOTE 1.2)		(50)	320.76'	N 05° 09' 43" W		(87)	609.84'	S 27° 53' 30" E
(13)	199.50'	N 19° 56' 47" W (SEE NOTE 1.2)		(51)	389.05'	N 32° 20' 43" E		(88)	1906.45'	N 57° 14' 30" E
(14)	100.00'	S 70° 03' 13" W		(52)	1565.65'	S 51° 29' 01" E		(89)	387.06'	S 66° 54' 56" E
(15)	100.00'	N 19° 56' 47" W		(53)	1066.72'	S 36° 27' 50" W		(90)	1507.97'	S 28° 03' 00" W
(16)	489.81'	S 70° 03' 13" W		(54)	804.57'	S 70° 03' 13" W		(91)	857.42'	S 28° 36' 47" W
(17)	59.48'	N 28° 47' 20" E		(55)	721.34'	N 09° 09' 19" W		(92)	56.62'	S 35° 21' 4" W
(18)	131.34'	N 34° 22' 39" E		(56)	1110.91'	S 70° 03' 13" W		(93)	486.01'	N 28° 23' 13" W
(19)	33.00'	N 31° 28' 46" E		(57)	721.34'	S 09° 09' 20" E		(94)	898.24'	S 28° 36' 47" W
(20)	152.46'	N 25° 40' 36" E		(58)	30.36'	S 70° 03' 13" W		(95)	25.59'	S 60° 23' 13" E
(21)	208.41'	N 20° 59' 40" E		(59)	721.34'	N 09° 09' 20" W		(96)	500.65'	S 28° 36' 47" W
(22)	134.54'	N 88° 26' 08" W		(60)	1802.48'	S 70° 03' 13" W		(97)	1149.23'	S 78° 43' 45" W
(23)	535.26'	N 00° 03' 52" E		(61)	719.87'	S 09° 47' 17" E		PARCEL 4 (SEE NOTE 1.4)		
(24)	248.92'	N 09° 21' 45" W		(62)	50.80'	S 70° 03' 13" W		(98)	50' ±	S 64° 15' 00" W
(25)	1779.09'	S 69° 06' 50" W		(63)	591.33'	N 09° 46' 34" W		(99)	220.00'	S 22° 06' 19" W
(26)	200.90'	N 22° 39' 33" W		(64)	180.00'	S 80° 13' 26" W		(100)	729.35'	N 45° 47' 30" W
(27)	897.37'	N 67° 16' 22" E		(65)	159.86'	S 09° 44' 39" E		(101)	990.10'	N 46° 16' 16" E
(28)	102.92'	N 63° 20' 20" E		(66)	234.51'	S 00° 36' 13" W		(102)	97.68'	N 80° 31' 16" E
(29)	412.50'	N 74° 35' 45" E		(67)	236.90'	S 19° 56' 47" E		(103)	67.32'	N 54° 31' 16" E
(30)	155.10'	N 41° 21' 30" E		(68)	359.91'	S 70° 03' 13" W		(104)	125.6' ±	N 34° 31' 16" E
(31)	299.00'	N 66° 21' 30" E		(69)	273.50'	N 19° 56' 47" W				
(32)	58.74'	N 44° 31' 30" E		(70)	306.00'	S 70° 03' 13" W				
(33)	294.50'	N 68° 44' 30" E		(71)	74.00'	S 19° 56' 47" E				
(34)	93.60'	N 00° 30' 47" W		(72)	100.00'	S 70° 03' 13" W				
(35)	344.97'	N 01° 32' 11" E		(73)	199.50'	S 19° 56' 47" E				
(36)	141.90'	N 57° 20' 47" E		(74)	1050.45'	S 70° 03' 13" W				



GENERAL NOTES:
SEE SHEET PL-001
SHEET NOTES:
1. THE AIRPORT PROPERTY BOUNDARY WAS GENERATED BASED ON THE PLAN OF SURVEY, DATED 3/12/03, AND IS SUBJECT TO FIELD SURVEY.
1.1. THE POINT OF BEGINNING FOR EACH PARCEL SHALL REFER TO THE 2003 PLAN OF SURVEY AND SHALL BE VERIFIED BY FIELD SURVEY. THERE ARE MISSING OR INCONSISTENT DATA IN THE 2003 PLAN OF SURVEY WHICH ARE UPDATED IN THIS PLAN, INCLUDING:
1.2. BEARINGS OF LINES 12 AND 13 ARE ESTIMATED FROM CONNECTING LINES.
1.3. DISTANCE OF LINE 49 IS REVISED FROM 71.51 FEET TO 217.51 FEET BASED ON THE ACTUAL LENGTH OF LINE 38 DRAWN IN THE 2003 PLAN OF SURVEY AND REFERENCED TO A SIMILAR LINE IN THE 1997 ALP PSET, SHEET 10 OF 11, EXHIBIT A.
1.4. BEARINGS OF CREEK ROAD IS SHOWN AS N46° 47' 30" IN THE 2003 PLAN OF SURVEY WHILE THE EXISTING BEARINGS ARE N58° 04' 48" W. BEARINGS OF LINES 98 TO 104 FOR PARCEL 4 ARE REDIRECTED COUNTERCLOCKWISE BY APPROXIMATELY 11.56° TO ADJUST FOR THE INCONSISTENCY.
2. REFER TO PL-001 FOR PARCEL INFORMATION.
3. THIS EXHIBIT A WAS APPROVED BY THE FAA ON JULY, 2014.

DATA SOURCES:
SEE SHEET PL-001

LEGEND					
DESCRIPTION	EXISTING	PHASE 1	PHASE 2	PHASE 3	FUTURE
AIRPORT PROPERTY LINE	---	---	---	---	---
EXISTING AIRPORT PROPERTY	---	---	---	---	---
PROPERTY ACQUISITION	NONE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE
AVIGATION EASEMENT - PARCEL	NONE	---	---	---	---
AVIGATION EASEMENT - ROADWAY	NONE	---	---	---	---
RELEASED PROPERTY	---	---	---	---	---
STRUCTURES	---	---	---	---	---
PAVEMENT	---	---	---	---	---
DEMOLITION	---	---	---	---	---
RUNWAY OBJECT FREE AREA (ROFA)	---	---	---	---	---
RUNWAY SAFETY AREA (RSA)	---	---	---	---	---
RUNWAY PROTECTION ZONE (RPZ)	---	---	---	---	---
AIRPORT REFERENCE POINT	---	---	---	---	---
TOWNSHIP BOUNDARY	---	---	---	---	---

AECOM

PROJECT

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ALP Drawing Set
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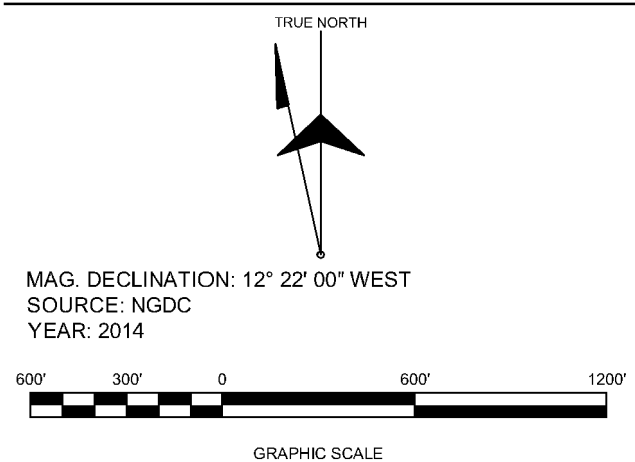
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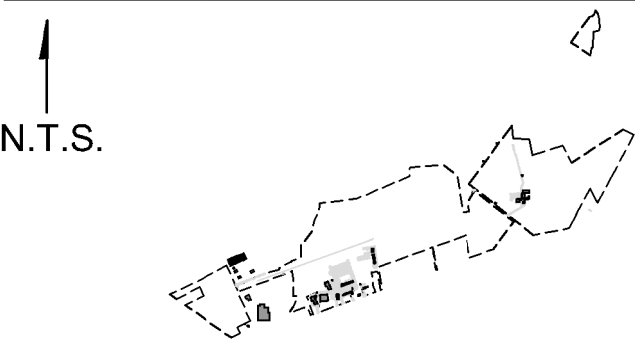
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REVISION

R	DATE	DESCRIPTION

KEY PLAN



PROJECT NUMBER

60247819

SHEET TITLE

EXHIBIT "A"
PROPERTY INVENTORY MAP

SHEET NUMBER

PL-602