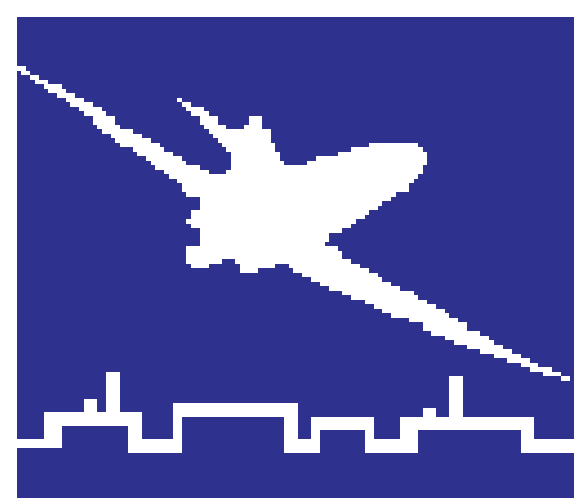


AIRPORT LAYOUT PLANS

BARTOW MUNICIPAL AIRPORT AND INDUSTRIAL PARK BARTOW, FLORIDA



OPERATED BY:
**BARTOW MUNICIPAL AIRPORT
DEVELOPMENT AUTHORITY**

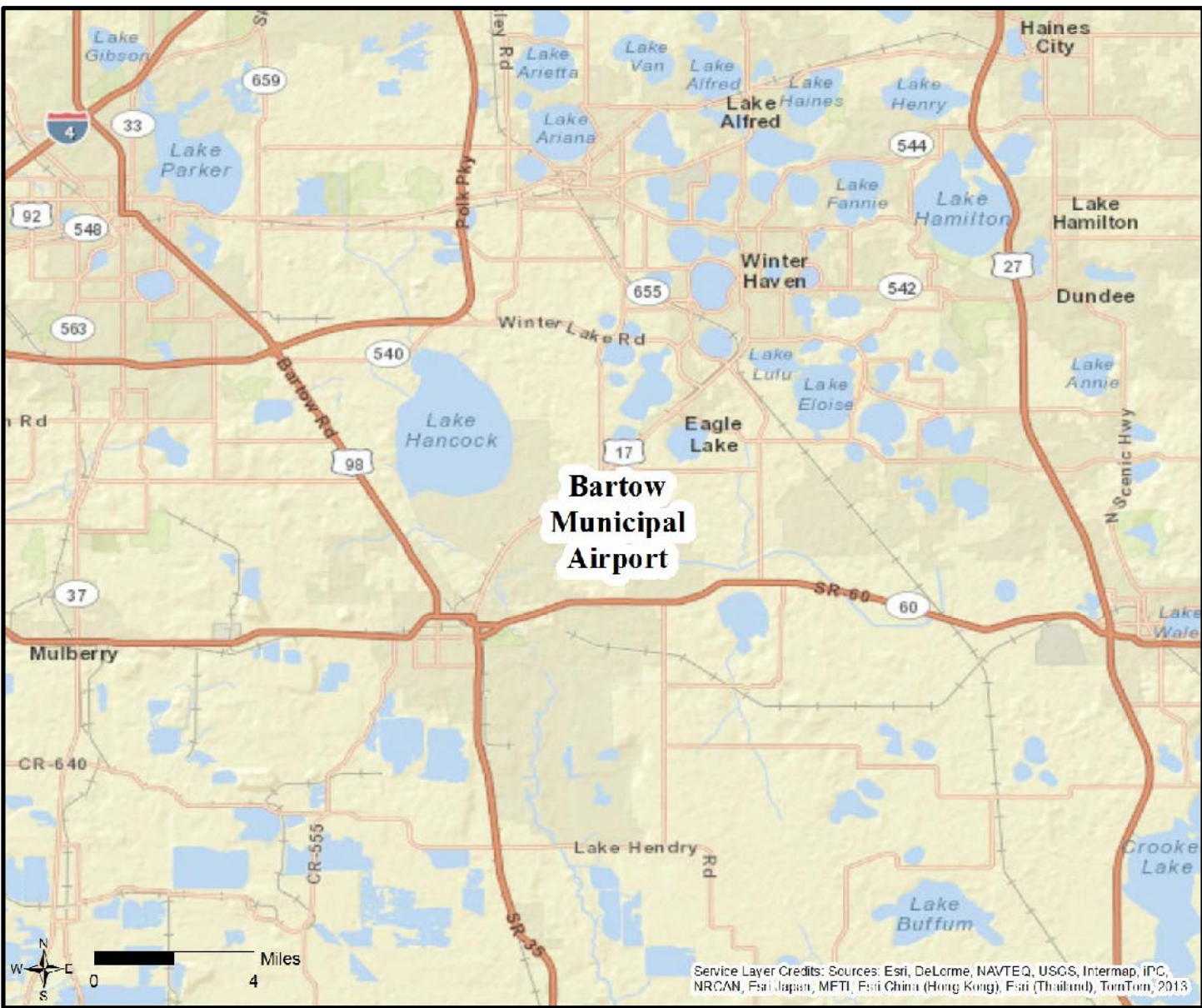
PREPARED BY:
URS URS Corporation Southern
7650 West Courtney
Campbell Causeway
Tampa, FL 33607-1462

JANUARY 2016

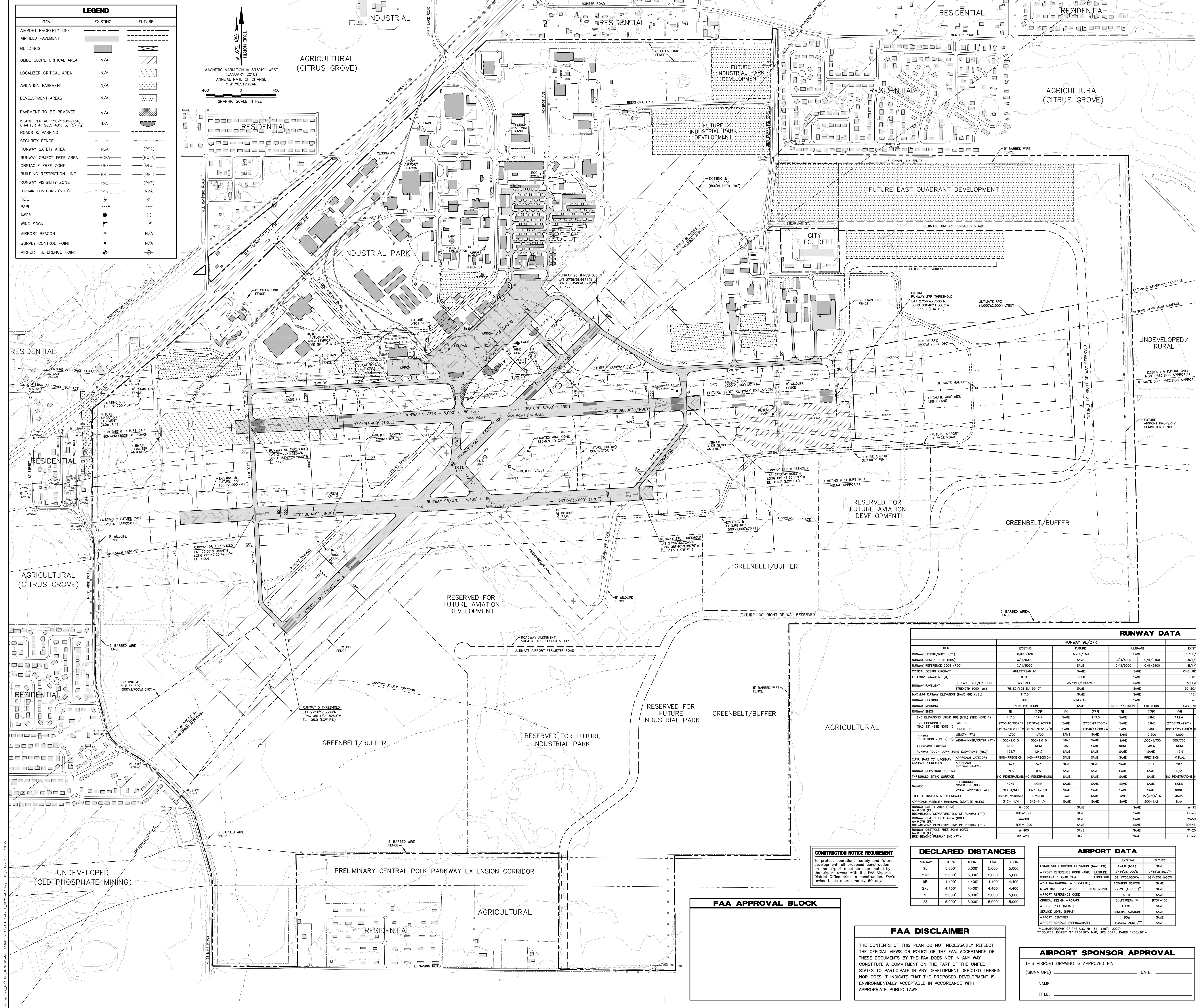


LOCATION MAP

INDEX OF DRAWINGS	
TITLE	SHEET NO.
AIRPORT LAYOUT DRAWING	1 OF 13
TERMINAL AREA PLAN	2 OF 13
BUILDING AREA PLAN	3 OF 13
AIRPORT AIRSPACE DRAWING	4 OF 13
INNER APPROACH SURFACE PLAN & PROFILE - RUNWAY 5	5 OF 13
INNER APPROACH SURFACE PLAN & PROFILE - RUNWAY 23	6 OF 13
INNER APPROACH SURFACE PLAN & PROFILE - RUNWAY 9L	7 OF 13
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DEPARTURE SURFACES DRAWING - RUNWAY 5/23	11 OF 13
DEPARTURE SURFACES DRAWING - RUNWAY 9L/27R	12 OF 13
ON AIRPORT LAND USE PLAN	13 OF 13
EXHIBIT "A" PROPERTY MAP (PREPARED BY URS CORPORATION, DATED JANUARY 30, 2014)	



VICINITY MAP



ALL-WEATHER WIND ROSE

METEOROLOGICAL CONDITION	RUNWAY	10.5 KNOTS (12 MPH)	13 KNOTS (15 MPH)	16 KNOTS (18 MPH)	OBSERVATIONS
ALL-WEATHER	523	96.76	98.48	99.78	
ALL-WEATHER	927	97.75	98.33	99.75	
ALL-WEATHER	523 & 927	98.53	99.65	99.99	133.236

IMC CONDITIONS WIND ROSE

METEOROLOGICAL CONDITION	RUNWAY	10.5 KNOTS (12 MPH)	13 KNOTS (15 MPH)	16 KNOTS (18 MPH)	OBSERVATIONS
IMC	523	97.25	98.47	99.49	
IMC	927	96.56	98.35	99.54	7.718
IMC	523 & 927	96.97	99.43	99.96	

WIND ROSE DEPICTED RELATIVE TO TRUE NORTH (NAD 83)
RUNWAY 5 ORIENTATION: 4630°55.00' (TRUE)
RUNWAY 23 ORIENTATION: 228°05'13.00" (TRUE)
RUNWAY 9 ORIENTATION: 87°04'44.00" (TRUE)
RUNWAY 27 ORIENTATION: 267°05'09.60" (TRUE)
MAGNETIC DECLINATION: 5°16'49" (2010)
MAGNETIC VARIATION: 5°16'49" (2010)

NOTES:
1. THIS GRAPHICAL CHART PLOTS, FOR THE DATA PERIOD LISTED, THE RECORDED OCCURRENCES (IN PERCENT) OF WIND BY DIRECTION AND SPEED, WHILE USING THE RECTANGULAR BINS.
2. BASE SHEETS COMPILED FROM PHOTOGRAMMETRIC MAPPING, DATED SEPTEMBER 2011, USGS QUAD SHEETS, BOW DRUMMING AND AERIAL PHOTO.
3. OFFICIAL AIRPORT ELEVATION IS 131.6 FEET, SOURCES: FAA AIR DATA SHEET SYSTEMS, 2014.
4. AIRPORT ELEVATION, AIRPORT REFERENCE POINT COORDINATES, RUNWAY END ELEVATIONS AND RUNWAY END COORDINATES TAKEN FROM FAA AIR DATA SHEET SYSTEMS, 2014.
5. RUNWAY PROTECTION ZONE (RPZ) DIMENSIONS CONFORM TO AC 150/5300-1A.
6. FUTURE NAVIGATIONAL AID LOCATIONS ARE SUBJECT TO FAA VERIFICATION.
7. EXISTING AND ULTIMATE RUNWAY APPROACH SURFACES CONFORM WITH FAA OF PART 77 CRITERIA.
8. TAXIWAYS A, APRON TAXIWAY D, G, AND F ARE LISTED.
9. TAXIWAY GUIDANCE SIGNS ARE NOT SHOWN, A NEW GUIDANCE SIGN SYSTEM IS TO BE IMPLEMENTED.
10. ALL TAXIWAYS ARE ASPHALT PAVEMENT; EXISTING APRON IS CONCRETE.
11. SURROUNDING LAND USES AS SHOWN ON THE PLAN ARE EXISTING.
12. RUNWAY 9/27L AND 5/23L ARE NOT ELIGIBLE FOR FEDERAL FUNDS.
13. THERE ARE NO THRESHOLD SITING SURFACE PENETRATIONS.

MODIFICATION TO STANDARDS
NONE TO DATE

NO.	REVISIONS	BY	APP.	DATE
2	UPDATED RUNWAY DATA TABLE/MARKING RW 5/23	RJM	FMN	5/09
1	ADDED NEW TERMINAL FACILITIES, MISC. UPGRADES	RJM	FMN	5/07

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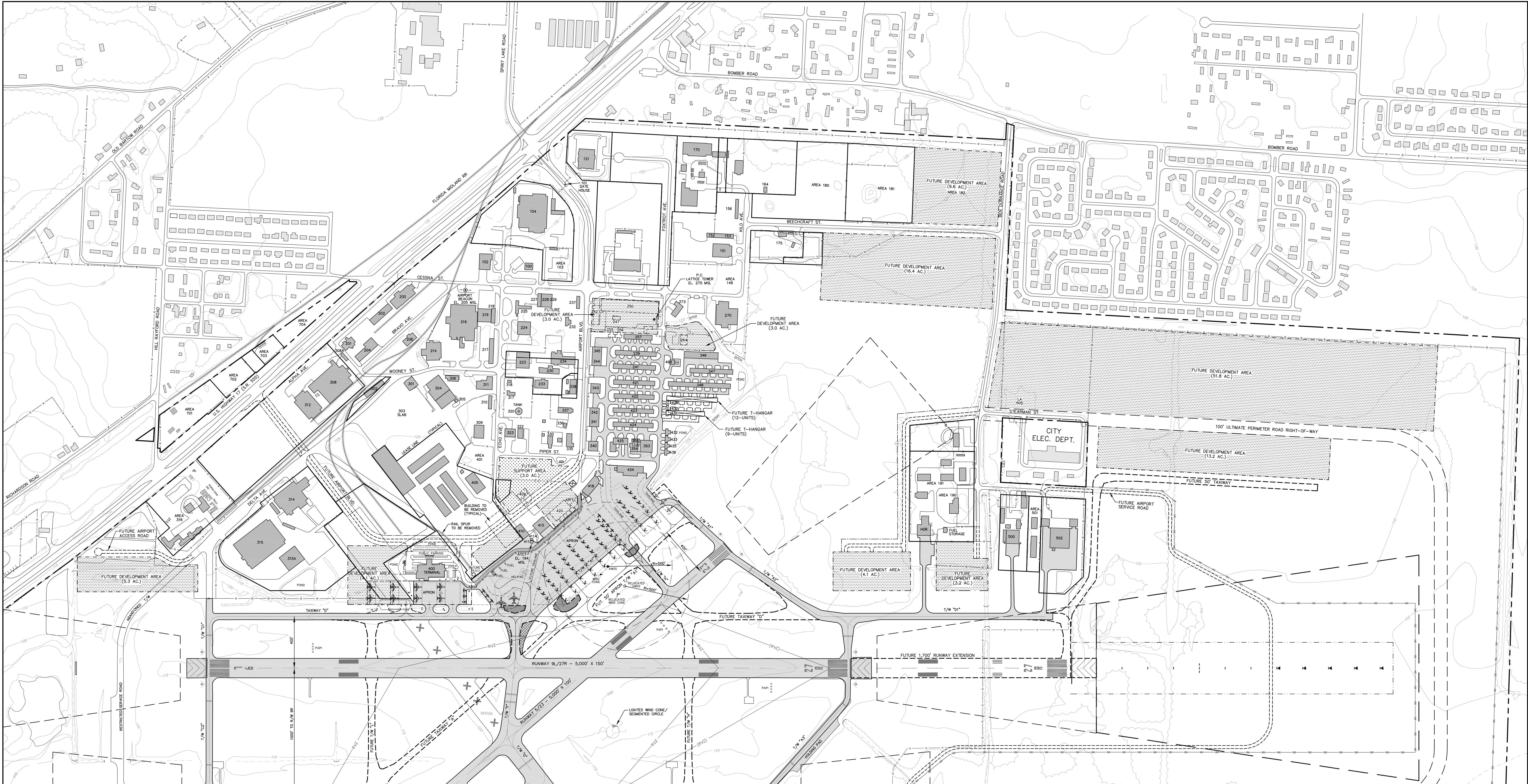
AIRPORT LAYOUT PLAN

BARTOW MUNICIPAL AIRPORT AND INDUSTRIAL PARK

BARTOW, FLORIDA

DESIGNED:	FMN	CHECKED:	FMN
DRAWN:	RJM	PROJECT MANAGER:	FMN
DATE:	1/16	SHEET NO.	1 OF 13

S:\Projects\Bartow\Bartow Airport\Bartow Airport.dwg 2/13/2014 10:03



LEGEND

ITEM	EXISTING	FUTURE
AIRPORT PROPERTY LINE	---	N/A
AIRFIELD PAVEMENT	=====	-----
BUILDINGS/STRUCTURES	■	▣
BUILDINGS/STRUCTURES TO BE REMOVED	N/A	▤
ROADS & PARKING	=====	-----
SECURITY FENCE	---x---x---x---	---x---x---x---
DEVELOPMENT AREA	N/A	▨
RIGHT-OF-WAY LINE	---	---
LEASE LINE	---	---
DEVELOPMENT AREA	N/A	▨
SUPPORT AREA	N/A	▨
TO BE REMOVED	N/A	▨
PAVEMENT TO BE REMOVED	N/A	▨
ISLAND PER AC 150/2300-13A, CHAPTER 4, SEC. 401.0, (5) (g)	N/A	▨
TERRAIN CONTOURS (5 FT)	~	N/A
WIND CONE	▲	▼
REL	●	○
PAPI	■	□
AWOS	●	○

BUILDING INVENTORY

BLDG. NO.	TENANT	BLDG. NO.	TENANT	BLDG. NO.	TENANT
100	EAST COAST MORGAN	242	VACANT	346	HANGAR
101	GATE HOUSE	247	AIRPORT STORAGE	347	HANGAR
102	REDD GREEN EQUIPMENT	250	POLK COUNTY SHERIFF'S OFFICE	348	HANGAR
104	TRU GREEN PLASTICS	255	PORT A PORT HANGAR	353	AERO FABRICATION
120	NATIONAL GUARD ARMORY	256	PORT A PORT HANGAR	354	AERO FABRICATION
121	HOMES OF MERIT	257	HANGAR OF MERIT	355	PORT A PORT HANGAR
101	SABAL TRANSPORT	264	VACANT	400	TERMINAL BUILDING & RESTAURANT
152	SABAL TRANSPORT	270	SCHOOL BOARD OF POLK COUNTY	401	DO HURST TRUCKING
153	SABAL TRANSPORT	273	CONTAINERS UNLIMITED	405	MD-FLORIDA LUMBER
156	MINI WAREHOUSES, CLEAN HARBORS, INC.	301	VACANT	409	COUNTER EFFECTS BY ROGER LLC
170	CLIAN HARBORS, INC.	302	MD-FLORIDA LUMBER	410	ADVANCED TAMP & GENERAL HOSPITAL
175	FRESHOLD CARTAGE, INC.	304	VACANT	411	AIRPORT TRAFFIC CONTROL TOWER
180	MOBILE MINI	305	VACANT	411A	CONTROL TOWER VAULT
190	POLK COUNTY-ENVIRONMENTAL SERVICES	306	VACANT	415	LIFE-NET 5
191	POLK COUNTY-NATURAL RESOURCES	308	AMERICOLD STORAGE	416	AMPHIBIANS PLUS & CUSTOM AVIONICS
200	AGRICULTURE INDUSTRIAL SERVICE	308A	BMC WP3	420	HOME TEAM WEST DEFENSE
201	FILLWORKS	309	VACANT	421	T-HANGAR
202	BOARD OF COUNTY COMMISSIONERS RADIO SERVICES	310	DEPARTMENT OF CHILDREN & FAMILIES	422	T-HANGAR
204	BEST FABRICATIONS, INC.	311	VACANT	423	T-HANGAR
206	AGRICULTURE INDUSTRIAL SERVICE	312	AMERICOLD STORAGE	424	T-HANGAR
214	VACANT	314	HUSKY CARGO, LLC	425	HANGAR
216	SUNBELT FOREST PRODUCTS	315	HUSKY CARGO, LLC	429	PORT A PORT HANGAR
217	VACANT	315A	HUSKY CARGO, LLC	430	PORT A PORT HANGAR
218	ACUREN INSPECTION INC.	316	KEMRA WATER SOLUTIONS, INC.	431	PORT A PORT HANGAR
219	ACUREN INSPECTION INC.	320	CITY PUMP HOUSE	432	PORT A PORT HANGAR
223	VACANT	323	VACANT	433	PORT A PORT HANGAR
224	POLK COUNTY SUPERVISOR OF ELECTIONS	323	VACANT	434	AIRCRAFT ENGINEERING
225	RAY WILLIS & ASSOCIATES & VACANT	330	AIRPORT MAINTENANCE	435	PORT A PORT HANGAR
227	CHICK'S BURIAL VAULT	335	FRESHOLD CARTAGE, INC.	436	PORT A PORT HANGAR
228	CHICK'S BURIAL VAULT	336	AIRPORT MAINTENANCE STORAGE	489	FUEL FARM
229	CHICK'S BURIAL VAULT	337	VACANT	500	POLK COUNTY SHERIFF'S HANGAR
230	VACANT	338	LLOYD'S AUTO RESTORATION	501	POLK COUNTY SHERIFF'S HANGAR
232	VACANT	340	HANGAR	502	FLORIDA AIRCRAFT PAINTING
233	VACANT	341	HANGAR	505	VACANT
234	VACANT	342	HANGAR	701	ERCON ASPHALT & EMULSIONS
237	ADEPT COMMUNITY SERVICES & USDA	343	HANGAR	702	ERCON ASPHALT & EMULSIONS
239	T-HANGAR	344	HANGAR	703	AMERICAS
241	T-HANGAR	345	HANGAR		

NO.

REVISIONS

BY

APP.

DATE

URS

URS Corporation Southern
1550 West Courtney
Campbell Causeway
Tampa, FL 33607-1462
Ph: (813) 286-1711

BUILDING AREA PLAN

BARTOW MUNICIPAL AIRPORT
AND INDUSTRIAL PARK

BARTOW, FLORIDA

DESIGNED: FMN

CHECKED: FMN

DRAWN: RJM

PROJECT MANAGER: FMN

DATE: 1/16

SHEET NO. 3 OF 13

300

0

300

GRAPHIC SCALE IN FEET

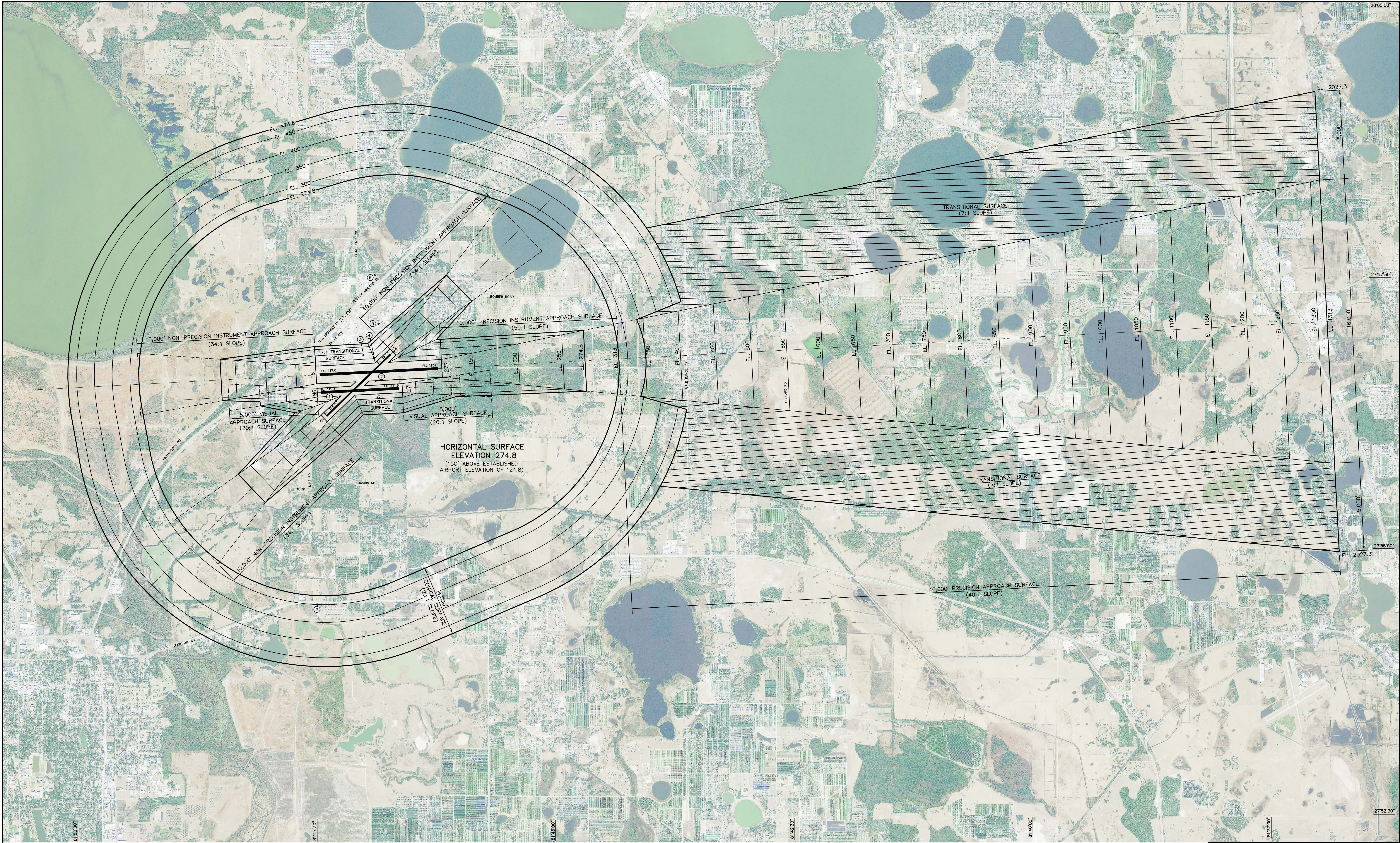
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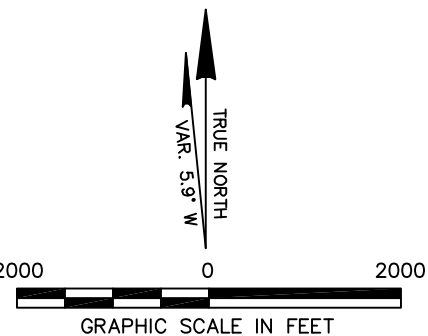
GRAPHIC SCALE IN FEET

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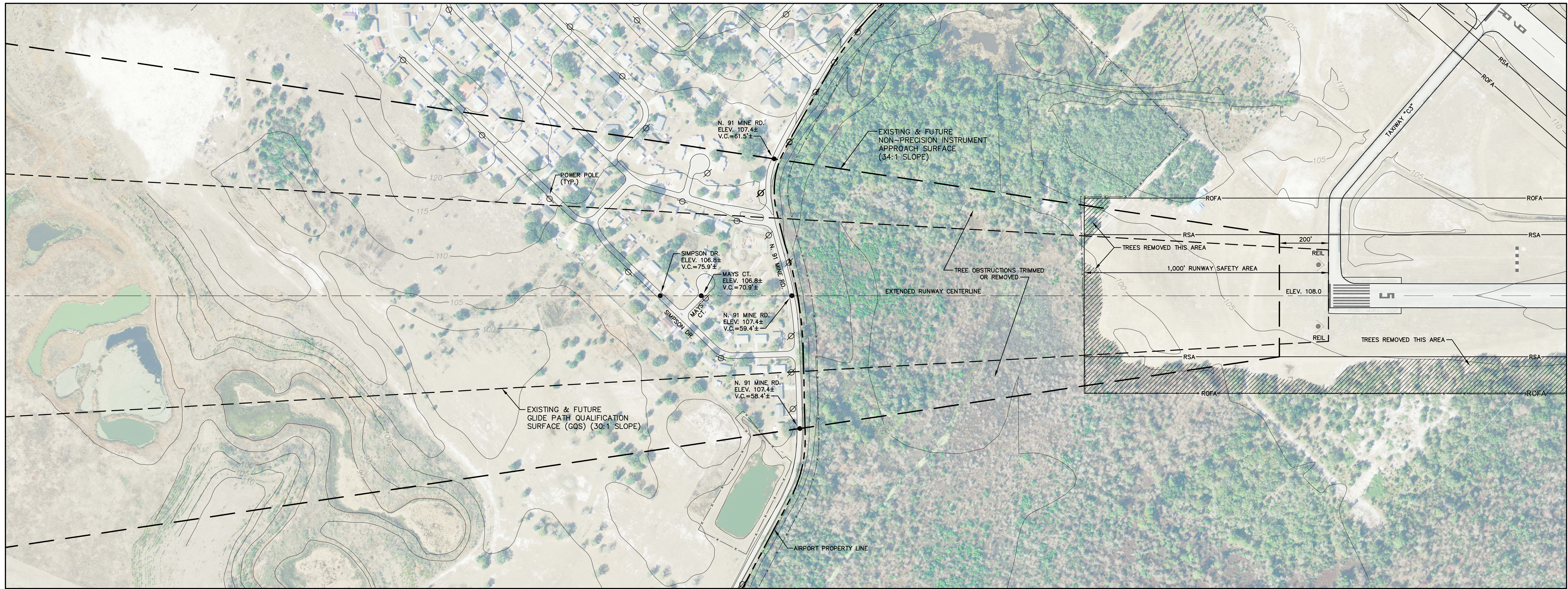


- NOTES:**
1. THE AIRPORT AIRSPACE DRAWING IS BASED ON THE ULTIMATE PLAN USING CRITERIA ESTABLISHED IN FEDERAL AVIATION REGULATION PART 77.
 2. THE OBSTRUCTION DATA SHOWN IS TAKEN FROM FAA DIGITAL AERONAUTICAL INFORMATION, NATIONAL AERONAUTICAL CHARTING OFFICE (AIN 500) DIGITAL OBSTACLE FILE DATED OCTOBER 12, 2014 AND THIRD-PARTY ANALPV SURVEY: 2008_BOW_ANALPV_1543.LPV
 3. ALL TREE OBSTRUCTIONS HAVE BEEN TRIMMED OR REMOVED IN APPROACH AND TRANSITIONAL SURFACES. CERTIFICATION LETTER FROM CONTRACTOR ON FILE
 4. OFFICIAL AIRPORT ELEVATION IS 124.8
 5. SOURCE: FAA AIN DATASHEET SYSTEMS, 2013.
 6. HEIGHT RESTRICTION ZONING - THE POLK COUNTY AIRPORT ZONING REGULATIONS AND LAND USE COMPATIBILITY IN RELATION TO THE NORMAL OPERATION OF BARTOW MUNICIPAL AIRPORT, LICENSED FOR PUBLIC-USE BY THE STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) IN POLK COUNTY, FLORIDA.
 7. ADOPTED AND ESTABLISHED THESE AIRPORT ZONING REGULATIONS PURSUANT TO THE AUTHORITY CONFERRED ON THE POLK COUNTY JOINT AIRPORT ZONING BOARD BY CHAPTER 163 AND 333, FLORIDA STATUTES, AS THEY MAY BE AMENDED FROM TIME TO TIME, AND THROUGH THE FOLLOWING RESOLUTIONS OF THE LOCAL GOVERNMENT CREATING THE POLK COUNTY JOINT AIRPORT ZONING BOARD: CITY OF BARTOW RESOLUTION 2484-R, ADOPTED BY ITS CITY COMMISSION ON JULY 17, 1978.
 8. AVIATION EASEMENT DATED THIS 1st DAY OF SEPTEMBER 1999, BY AND BETWEEN OLD FLORIDA PLANTATION LTD., (CALLED GRANTOR), AND THE CITY OF BARTOW. GRANTOR GRANTS AN EASEMENT AND RIGHT-OF-WAY FOR THE OVER-FLIGHT OF AIRCRAFT IN AND THROUGH THE AIRSPACE ABOVE GRANTOR'S PROPERTY, RECORDED 12/6/99, POLK COUNTY INSTR. # 991919A, O.R. BOOK 0435A, PAGE 1805.
 9. AVIATION EASEMENT DATED THIS 4th DAY OF MAY 2001, BY AND BETWEEN CLEAR SPRINGS LAND COMPANY, L.L.C. (CALLED GRANTOR), AND THE CITY OF BARTOW. GRANTOR GRANTS AN EASEMENT AND RIGHT-OF-WAY FOR THE OVER-FLIGHT OF AIRCRAFT IN AND THROUGH THE AIRSPACE ABOVE GRANTOR'S PROPERTY, RECORDED 5/22/2001, POLK COUNTY INSTR. # 2001087872, O.R. BOOK 04705, PAGE 1296.

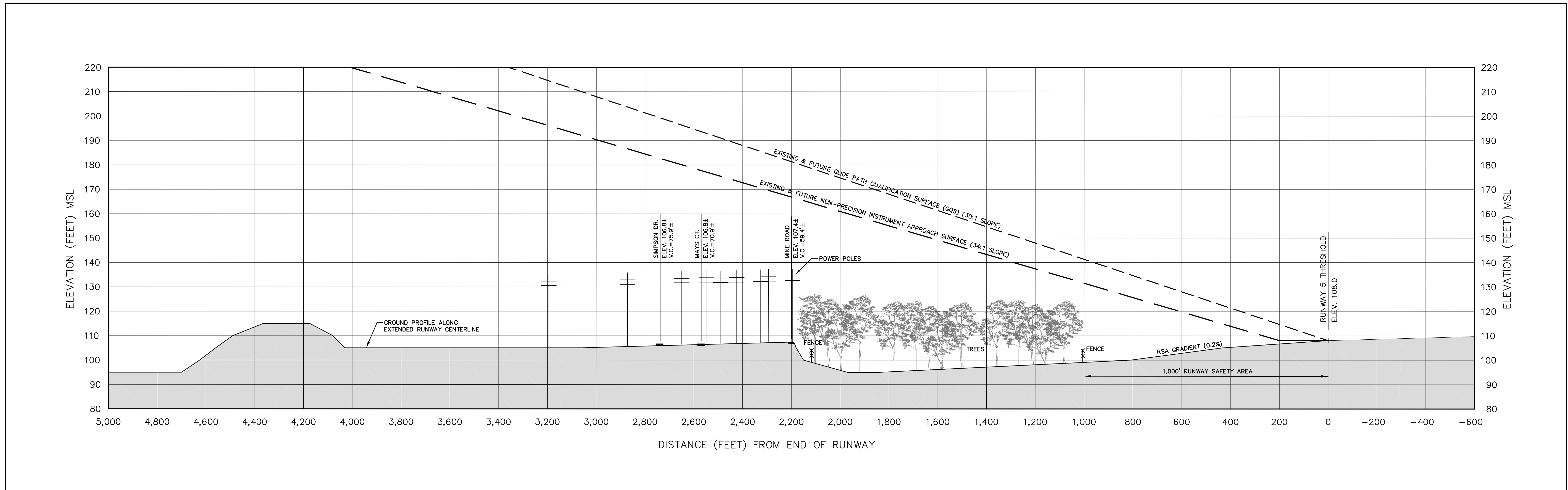
OBSTRUCTION TABLE						
NO.	DESCRIPTION	OBSTACLE ELEVATION FEET (MSL)	LOWEST AFFECTED FAR PART 77 SURFACE	PENETRATION (FEET)	RECOMMENDED ACTION	LIGHTED
1	OBST. LIGHT ON WINDSOCK	119	7:1 TRANSITIONAL	8.1	FIXED BY FUNCTION	YES
2	OBST. LIGHT ON WINDSOCK	140	PRIMARY	24.8	FIXED BY FUNCTION	YES
3	AIR TRAFFIC CONTROL TOWER	167	7:1 TRANSITIONAL	10.2	FIXED BY FUNCTION	YES
4	OBST. LIGHT ON AWOS	156	7:1 TRANSITIONAL	0.6	FIXED BY FUNCTION	YES
5	TOWER	275	HORIZONTAL	0.2	NONE	YES
6	TOWER	283	HORIZONTAL	8.2	NONE	YES
7	TOWER	323	CONICAL	22.8	NONE	YES



NO.	REVISIONS	BY	APP.	DATE
URS URS Corporation Southern 1550 West Courtney Campbell Causeway Tampa, FL 33607-1462 Ph: (813) 298-1711				
AIRPORT AIRSPACE DRAWING				
BARTOW MUNICIPAL AIRPORT AND INDUSTRIAL PARK BARTOW, FLORIDA				
DESIGNED: FMN	CHECKED: FMN			
DRAWN: RJM	PROJECT MANAGER: FMN			
DATE: 1/16	SHEET NO. 4	OF 13		



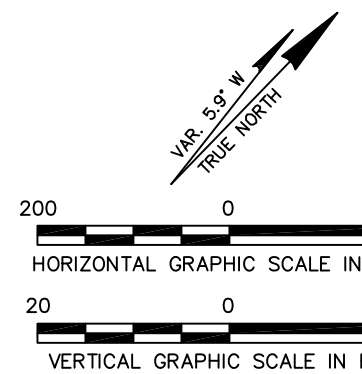
RUNWAY 5 INNER APPROACH SURFACE PLAN VIEW



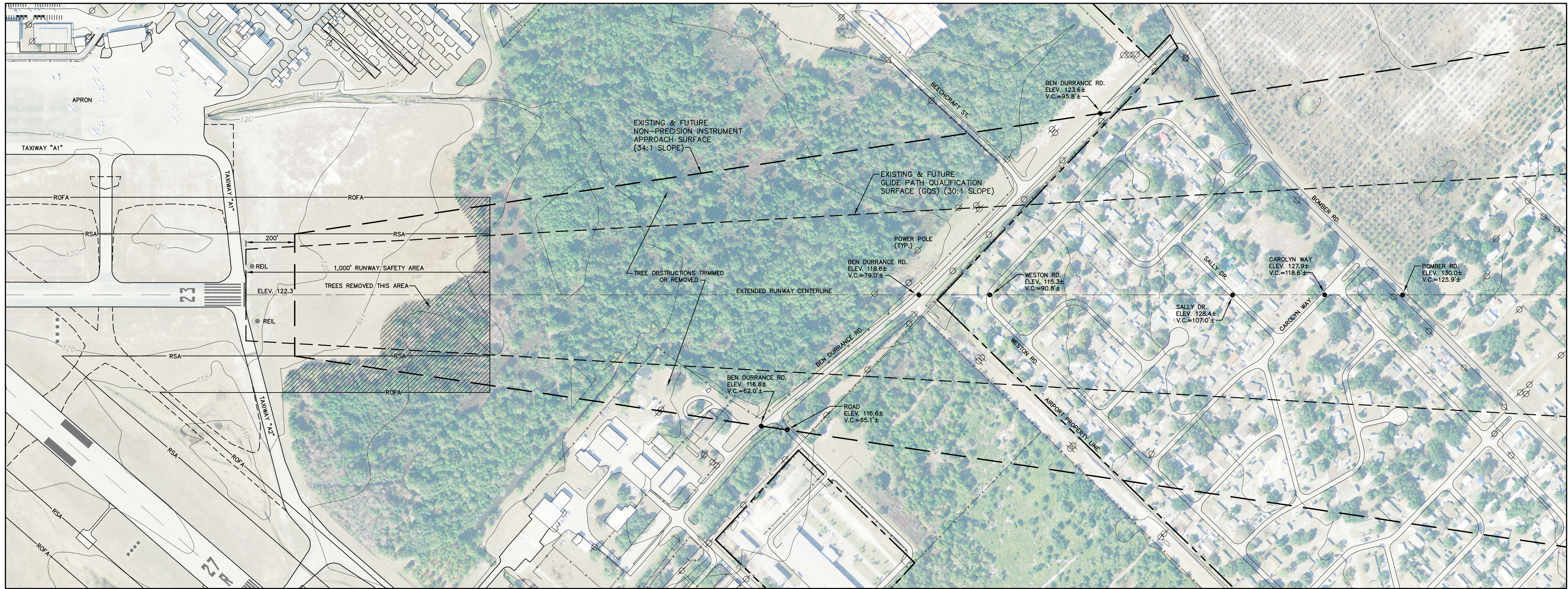
RUNWAY 5 INNER APPROACH SURFACE PROFILE VIEW

- LEGEND**
- AIRPORT PROPERTY LINE
 - RSA RUNWAY SAFETY AREA
 - ROFA RUNWAY OBJECT FREE AREA
 - Ø POWER POLE

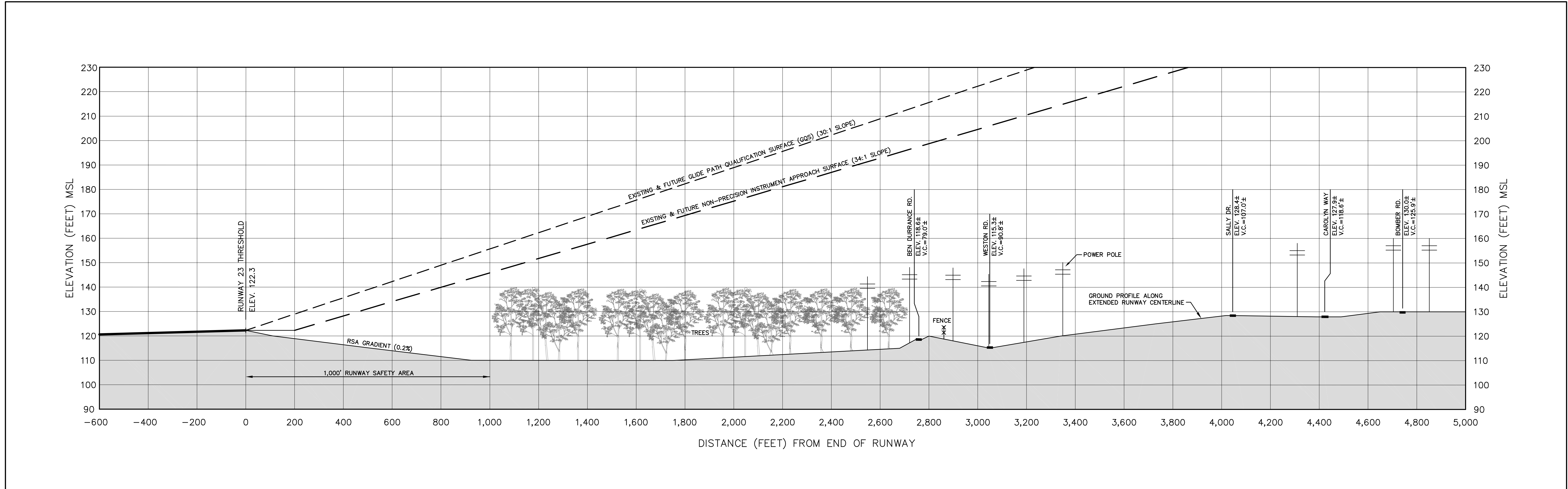
- NOTE:**
- EXISTING, FUTURE AND ULTIMATE RUNWAY IMAGINARY APPROACH SURFACES CONFORM WITH FAA FAR PART 77 CRITERIA.
 - THERE ARE NO OBSTRUCTIONS IN RUNWAY 5 IMAGINARY APPROACH SURFACES.
 - ALL OBSTACLE ELEVATIONS SHOWN IN FEET (MSL).
SOURCE: FAA DIGITAL AERONAUTICAL INFORMATION NATIONAL AERONAUTICS CHARTING OFFICE (AWN 500) DIGITAL OBSTACLE FILE DATED OCTOBER 12, 2014 AND FAA THIRD-PARTY ANALPV SURVEY: 2006_BOW_ANALPV_1543.LPV
 - HORIZONTAL DATUM: STATE PLANE, NAD83
VERTICAL DATUM: NAVD88
 - PROFILE DRAWING REPRESENTS EXTENDED RUNWAY CENTERLINE ELEVATIONS.



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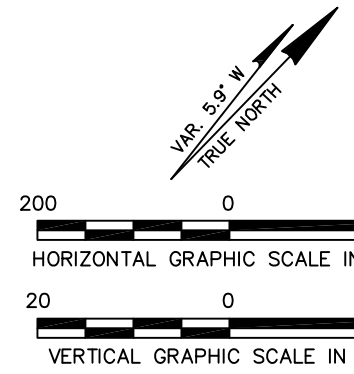
RUNWAY 23 INNER APPROACH SURFACE PLAN VIEW



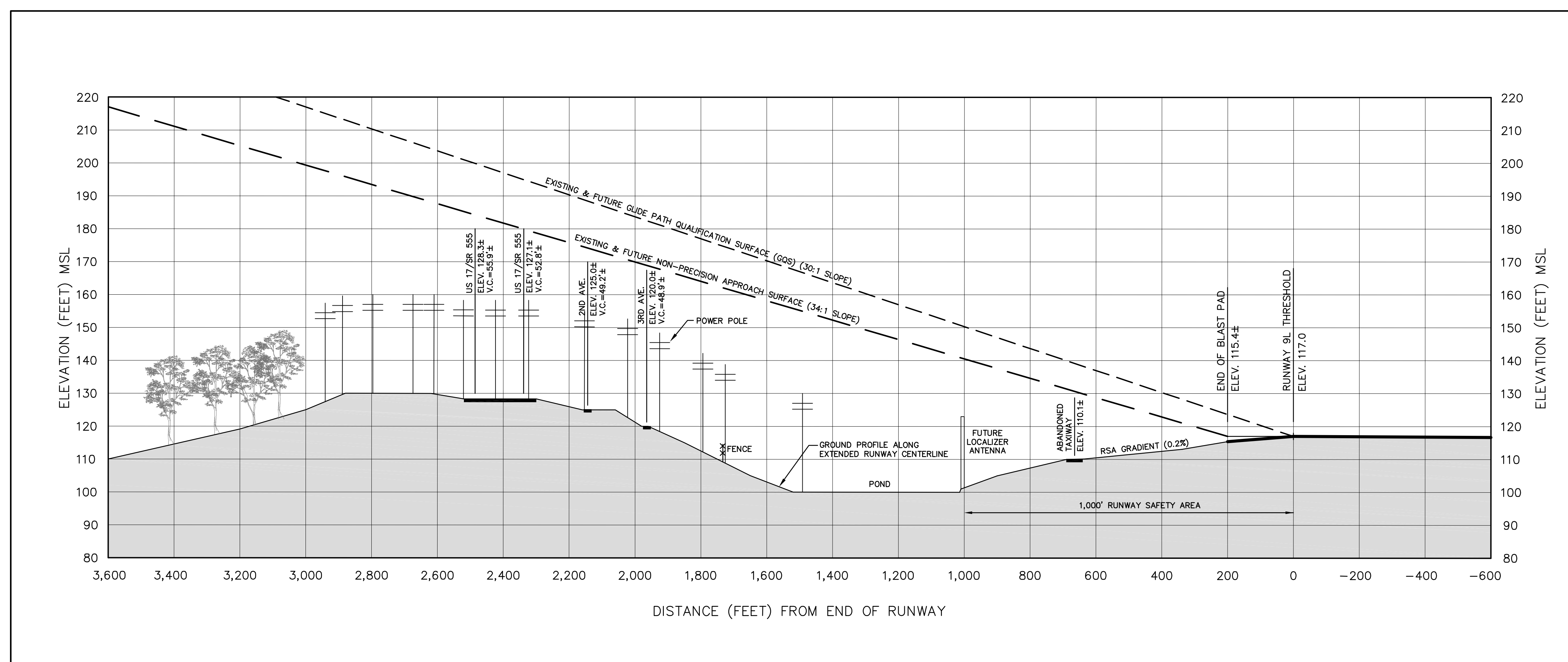
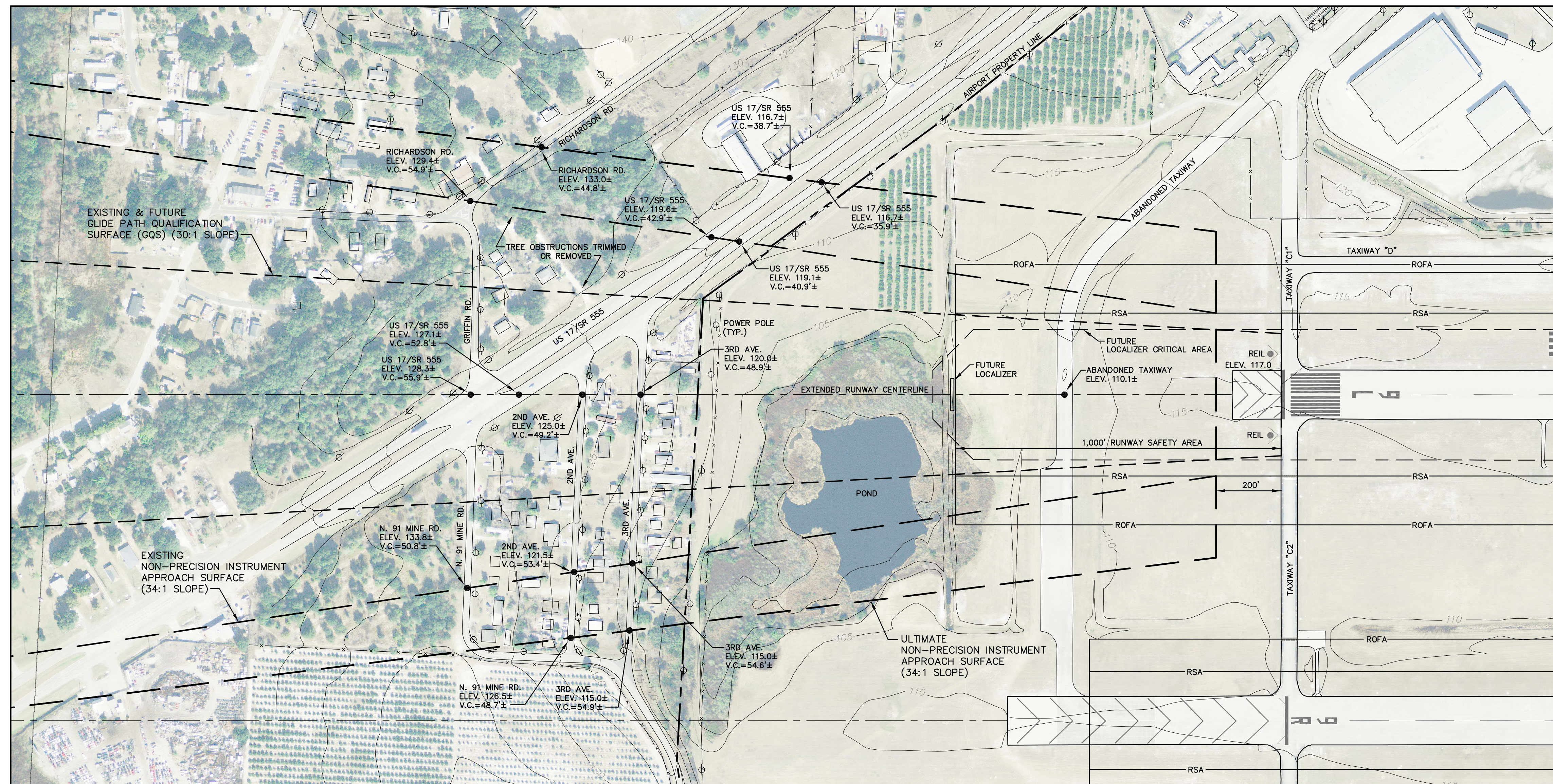
RUNWAY 23 INNER APPROACH SURFACE PROFILE VIEW

- LEGEND**
- AIRPORT PROPERTY LINE
 - RSA — RUNWAY SAFETY AREA
 - ROFA — RUNWAY OBJECT FREE AREA
 - ⊗ POWER POLE

- NOTE:**
- EXISTING, FUTURE AND ULTIMATE RUNWAY IMAGINARY APPROACH SURFACES CONFORM WITH FAA FAR PART 77 CRITERIA.
 - THERE ARE NO OBSTRUCTIONS IN RUNWAY 23 IMAGINARY APPROACH SURFACES.
 - ALL OBSTACLE ELEVATIONS SHOWN IN FEET (MSL).
SOURCE: FAA DIGITAL AERONAUTICAL INFORMATION NATIONAL AERONAUTICS CHARTING OFFICE (AVN 500) DIGITAL OBSTACLE FILE DATED OCTOBER 12, 2014 AND FAA THIRD-PARTY ANALPV SURVEY: 2006_BOW_ANALPV_1543.LPV
 - HORIZONTAL DATUM: STATE PLANE, NAD83
VERTICAL DATUM: NAVD88
 - PROFILE DRAWING REPRESENTS EXTENDED RUNWAY CENTERLINE ELEVATIONS.



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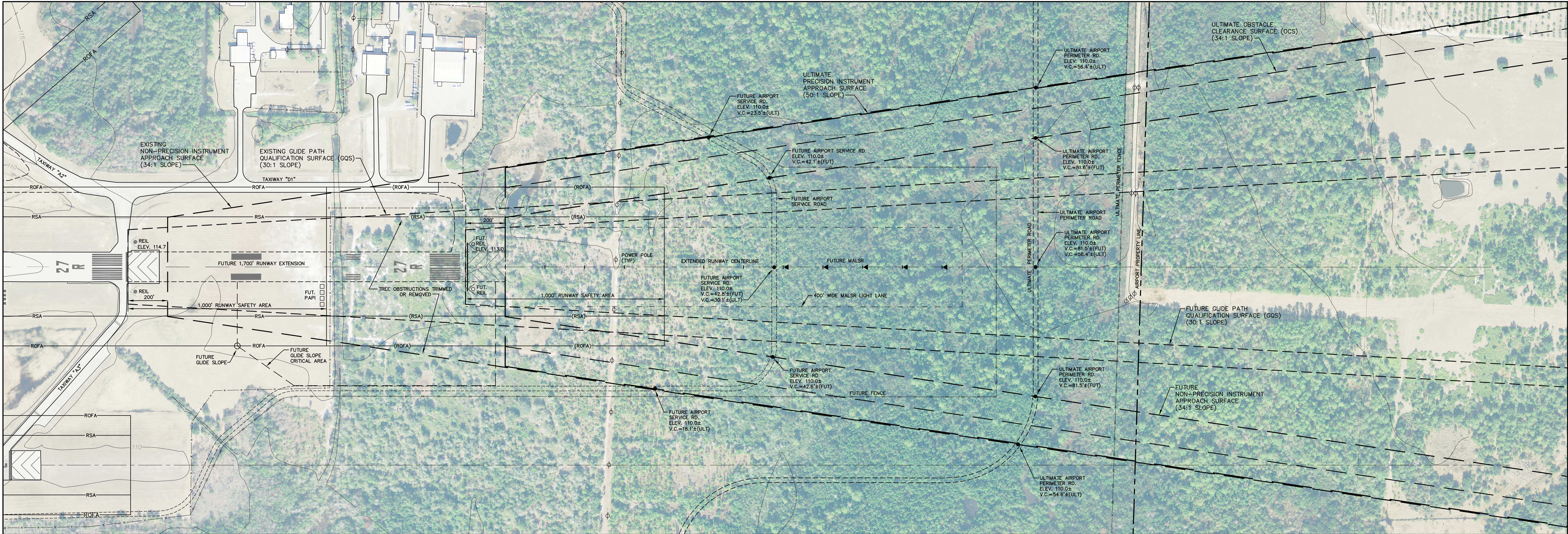


LEGEND

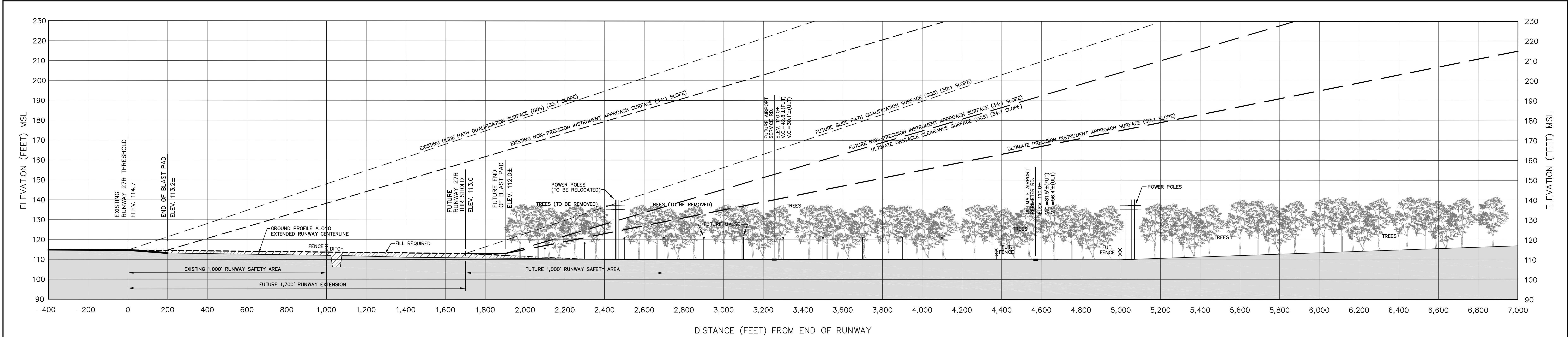
— — — — —	AIRPORT PROPERTY LINE
—RSA—	RUNWAY SAFETY AREA
—ROFA—	RUNWAY OBJECT FREE AREA
⊗	POWER POLE

NOTE:

1. EXISTING, FUTURE AND ULTIMATE RUNWAY IMAGINARY APPROACH SURFACES CONFORM WITH FAA FAR PART 77 CRITERIA.
 2. THERE ARE NO OBSTRUCTIONS IN RUNWAY 9L IMAGINARY APPROACH SURFACES.
 3. ALL OBSTACLE ELEVATIONS SHOWN IN FEET (MSL).
- SOURCE: FAA DIGITAL AERONAUTICAL INFORMATION
NATIONAL AERONAUTICS CHARTING OFFICE (AWN 50)
DIGITAL OBSTACLE FILE DATED OCTOBER 12, 2014 AND
FAA THIRD-PARTY ANALPLV SURVEY:
2006_BOW_ANALPLV_1543.LPV
4. HORIZONTAL DATUM: STATE PLANE, NAD83
VERTICAL DATUM: NAVD88
 5. PROFILE DRAWING REPRESENTS EXTENDED RUNWAY
CENTERLINE ELEVATIONS.



RUNWAY 27R INNER APPROACH SURFACE PLAN VIEW



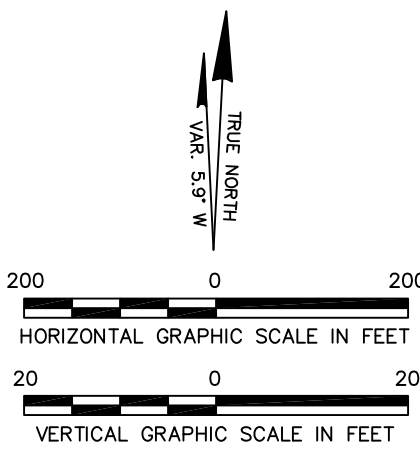
RUNWAY 27R INNER APPROACH SURFACE PROFILE VIEW

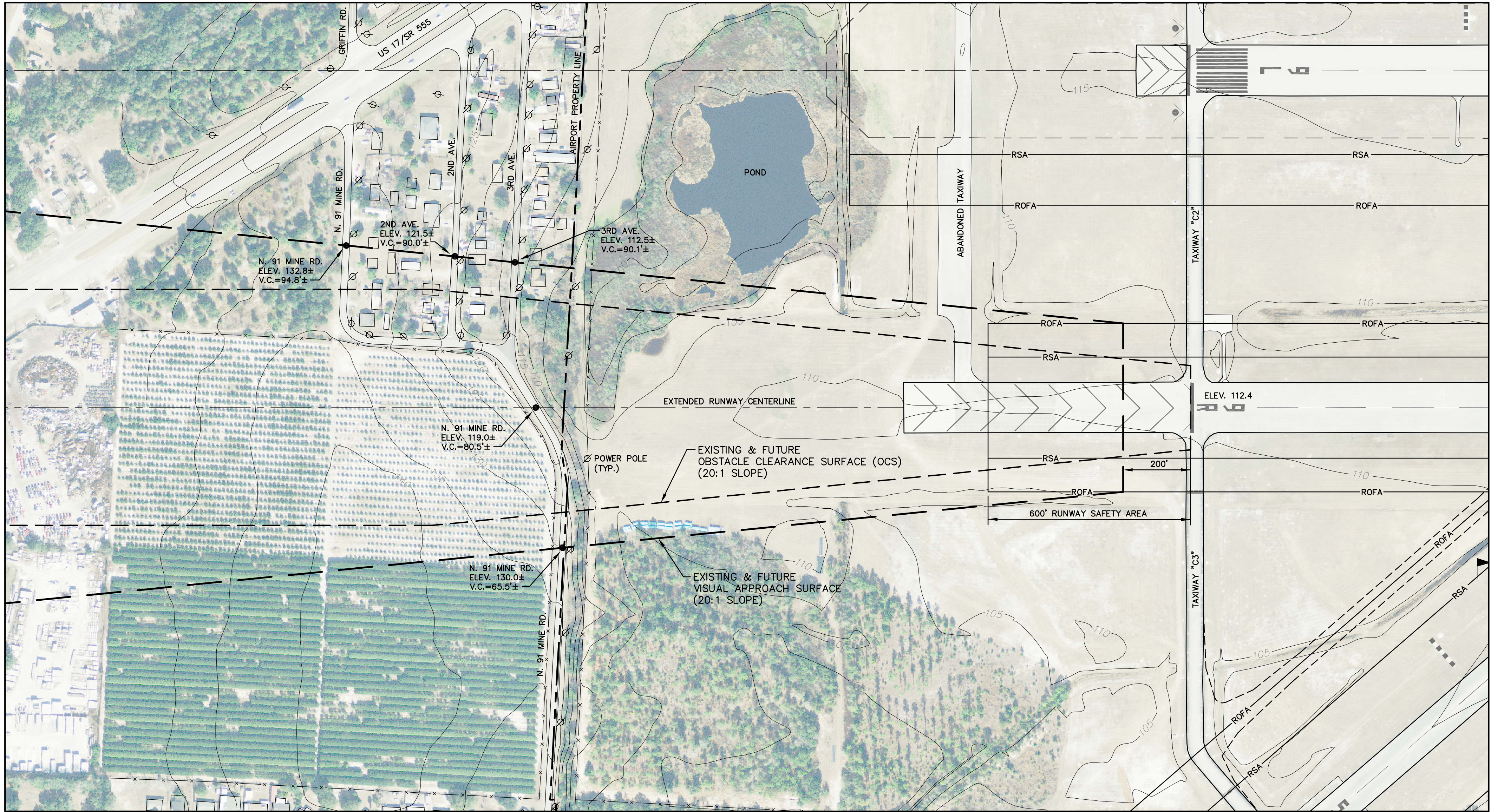
LEGEND

- AIRPORT PROPERTY LINE
- RSA RUNWAY SAFETY AREA
- ROFA RUNWAY OBJECT FREE AREA
- Ø POWER POLE

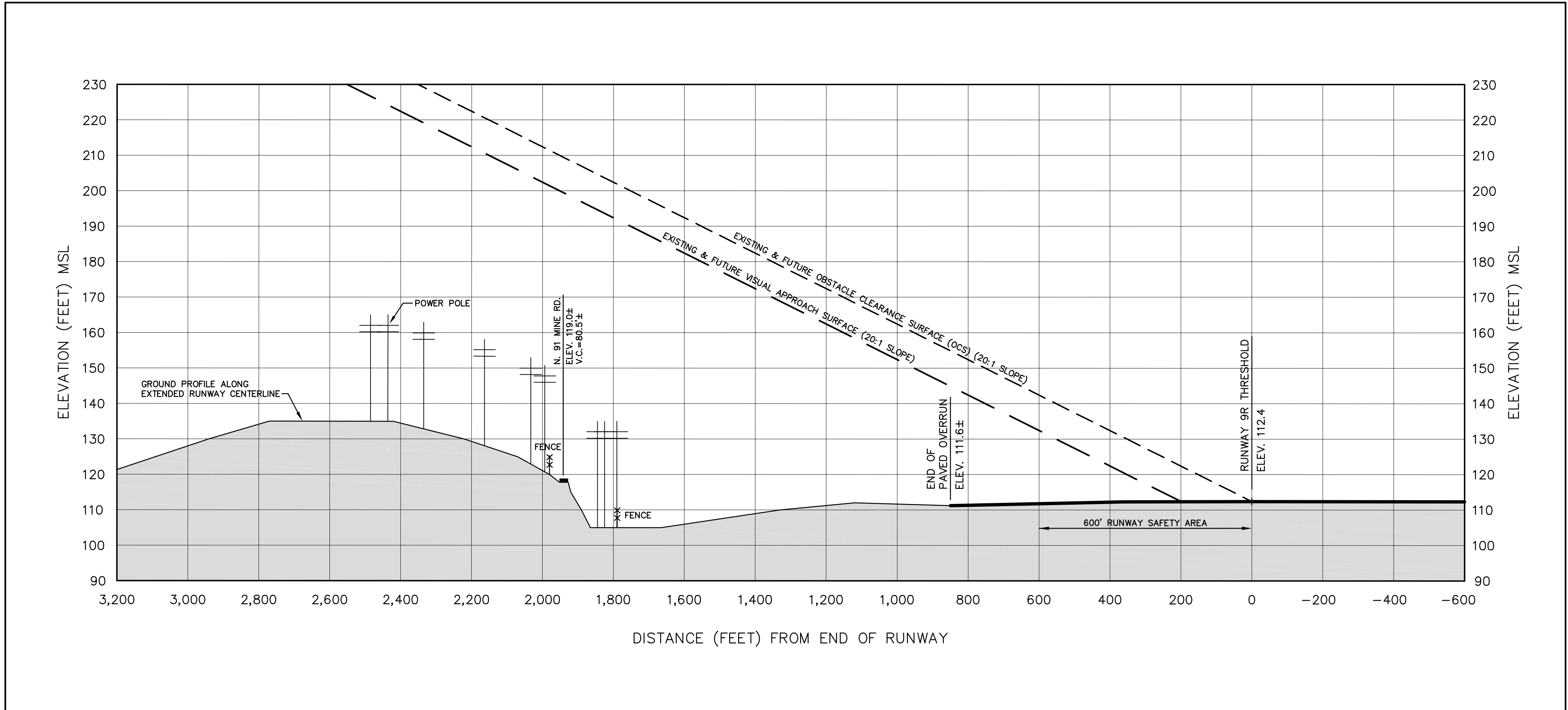
NOTE:

- EXISTING, FUTURE AND ULTIMATE RUNWAY IMAGINARY APPROACH SURFACES CONFORM WITH FAA FAR PART 77 CRITERIA.
- THERE ARE NO OBSTRUCTIONS IN EXISTING RUNWAY 27R IMAGINARY APPROACH SURFACES.
- ALL OBSTACLE ELEVATIONS SHOWN IN FEET (MSL).
SOURCE: FAA DIGITAL AERONAUTICAL INFORMATION NATIONAL AERONAUTICS CHARTING OFFICE (AVN 500) DIGITAL OBSTACLE FILE DATED OCTOBER 12, 2014 AND FAA THIRD-PARTY ANALPV SURVEY: 2006_BOW_ANALPV_1543.LPV
- HORIZONTAL DATUM: STATE PLANE, NAD83
VERTICAL DATUM: NAVD88
- PROFILE DRAWING REPRESENTS EXTENDED RUNWAY CENTERLINE ELEVATIONS.



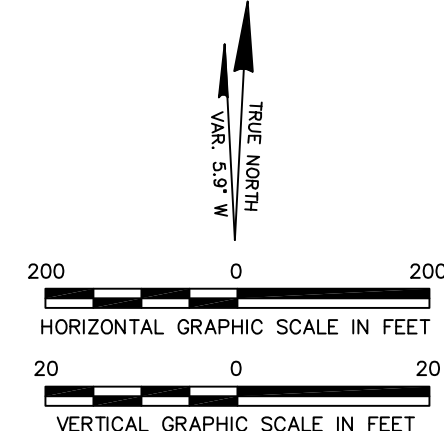


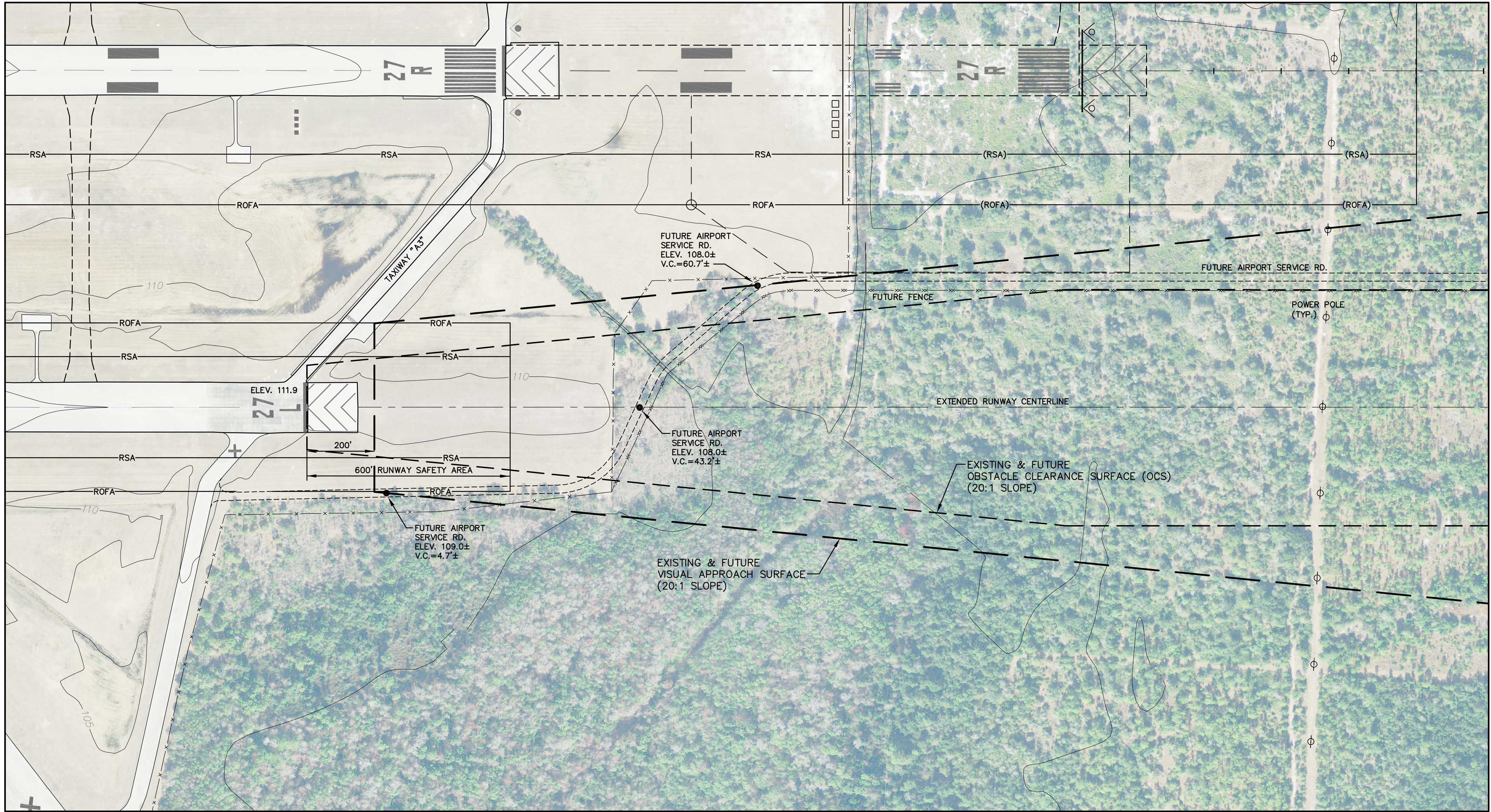
RUNWAY 9R INNER APPROACH SURFACE PLAN VIEW



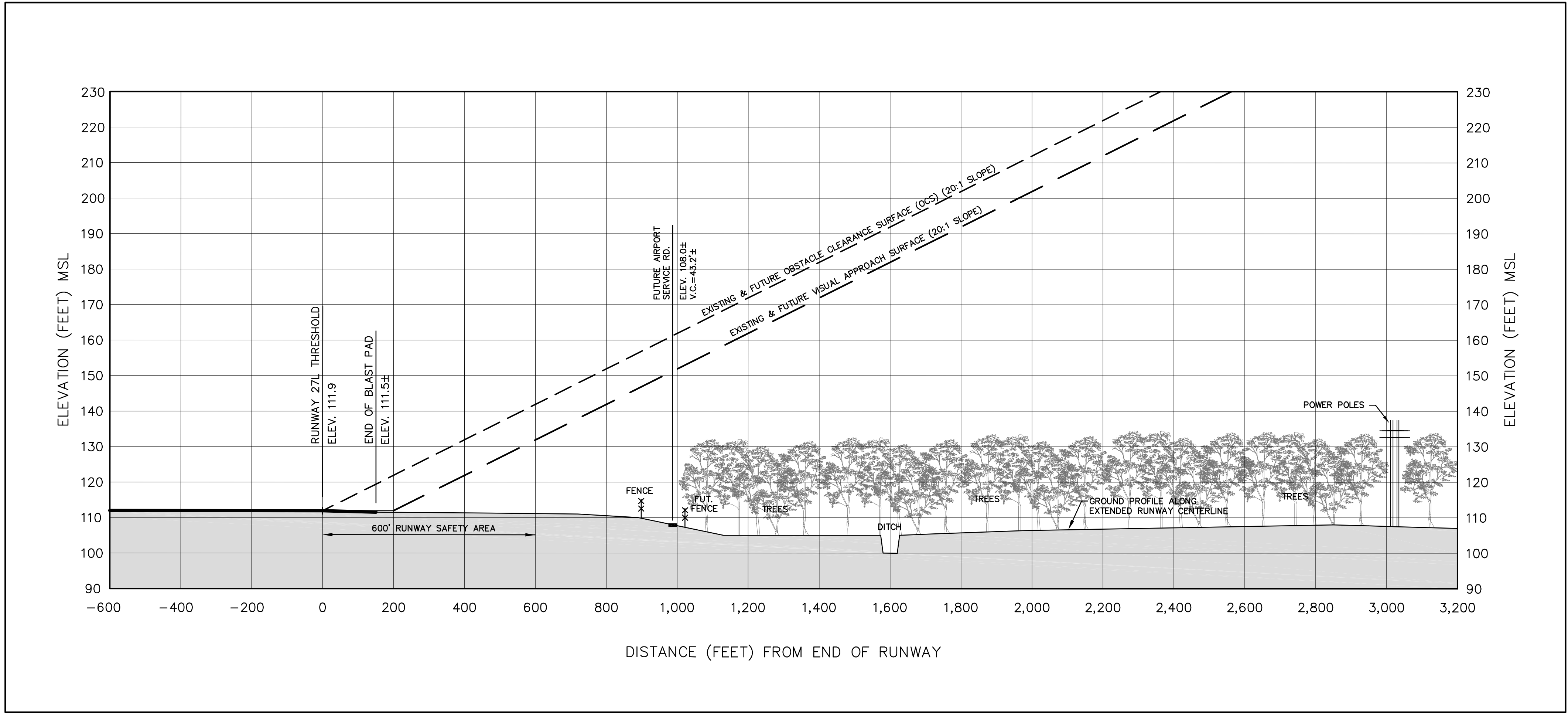
RUNWAY 9R INNER APPROACH SURFACE PROFILE VIEW

- LEGEND**
- AIRPORT PROPERTY LINE
 - RSA — RUNWAY SAFETY AREA
 - ROFA — RUNWAY OBJECT FREE AREA
 - ⊕ POWER POLE
- NOTE:**
- EXISTING, FUTURE AND ULTIMATE RUNWAY IMAGINARY APPROACH SURFACES CONFORM WITH FAA FAR PART 77 CRITERIA.
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SOURCE: FAA DIGITAL AERONAUTICAL INFORMATION NATIONAL AERONAUTICS CHARTING OFFICE (AWN 500) DIGITAL OBSTACLE FILE DATED OCTOBER 12, 2014 AND FAA THIRD-PARTY ANALPV SURVEY: 2006_BOW_ANALPV_1543.LPV
 - HORIZONTAL DATUM: STATE PLANE, NAD83
VERTICAL DATUM: NAVD88
 - PROFILE DRAWING REPRESENTS EXTENDED RUNWAY CENTERLINE ELEVATIONS.





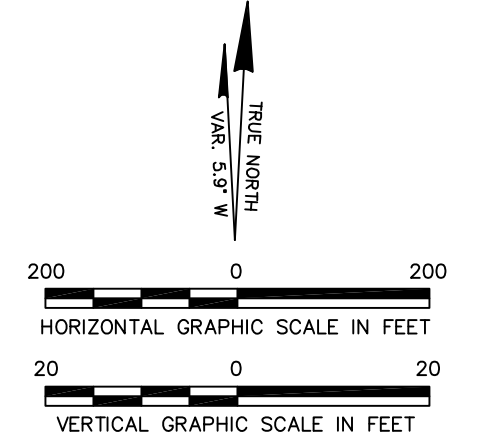
RUNWAY 27L INNER APPROACH SURFACE PLAN VIEW



RUNWAY 27L INNER APPROACH SURFACE PROFILE VIEW

- LEGEND**
- RSA — RUNWAY SAFETY AREA
 - ROFA — RUNWAY OBJECT FREE AREA
 - ⊘ POWER POLE

- NOTE:**
- EXISTING, FUTURE AND ULTIMATE RUNWAY IMAGINARY APPROACH SURFACES CONFORM WITH FAA FAR PART 77 CRITERIA.
 - THERE ARE NO OBSTRUCTIONS IN RUNWAY 27L IMAGINARY APPROACH SURFACES.
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VERTICAL DATUM: NAVD88
 - PROFILE DRAWING REPRESENTS EXTENDED RUNWAY CENTERLINE ELEVATIONS.



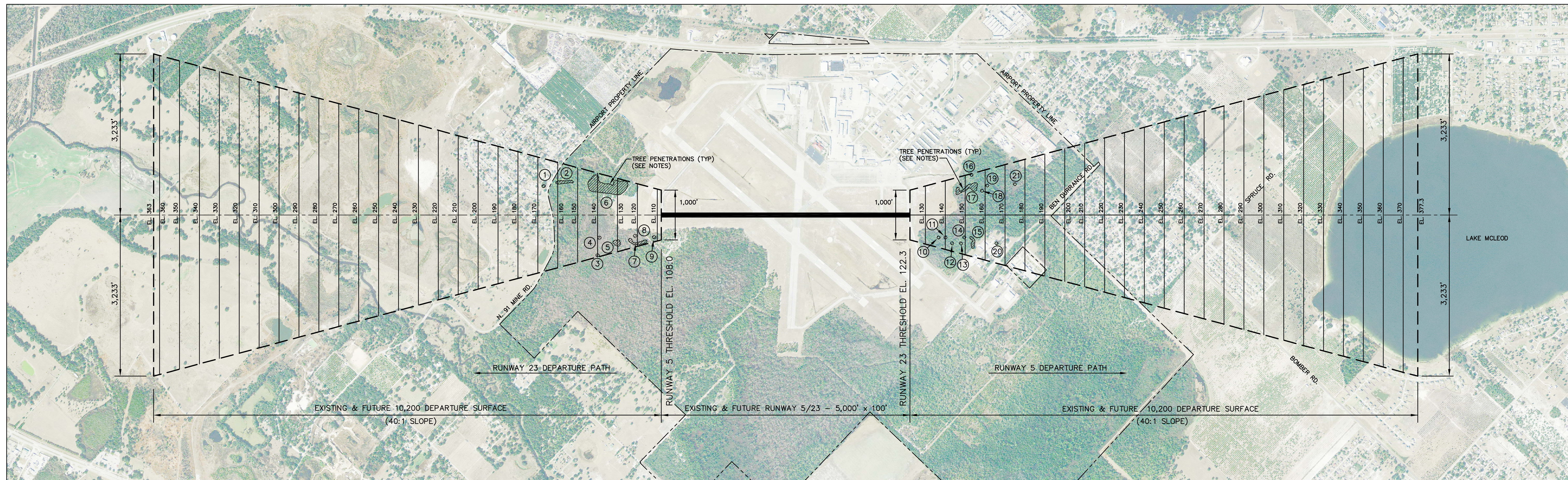
NO.	REVISIONS	BY	APP.	DATE

URS URS Corporation Southern
1550 West Courtney
Campbell Causeway
Tampa, FL 33607-1462
Ph: (813) 288-1711

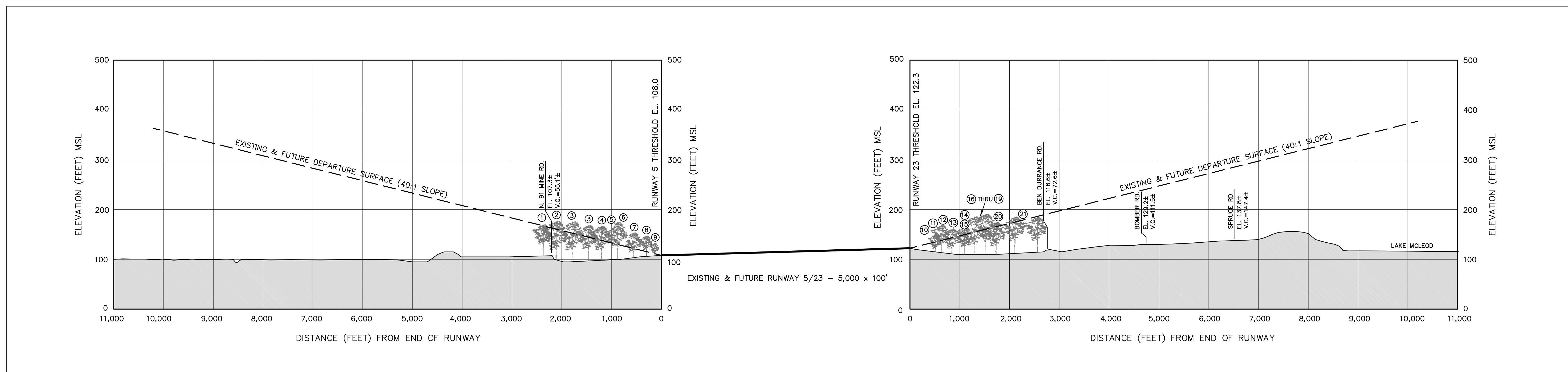


**INNER APPROACH SURFACE
PLAN & PROFILE RUNWAY 27L
BARTOW MUNICIPAL AIRPORT
AND INDUSTRIAL PARK
BARTOW, FLORIDA**

DESIGNED: FMN	CHECKED: FMN
DRAWN: RJM	PROJECT MANAGER: FMN
DATE: 1/16	SHEET NO. 10 OF 13



RUNWAY 5/23 DEPARTURE SURFACE PLAN VIEW



RUNWAY 5/23 DEPARTURE SURFACE PROFILE VIEW

OBSTACLE DATA TABLE ¹													
NO.	DESCRIPTION	OBSTACLE ELEVATION (FEET) (MSL)	LOWEST AFFECTED SURFACE	PENETRATION (FEET)	RECOMMENDED ACTION	LIGHTED	NO.	DESCRIPTION	OBSTACLE ELEVATION (FEET) (MSL)	LOWEST AFFECTED SURFACE	PENETRATION (FEET)	RECOMMENDED ACTION	LIGHTED
①	TREE	170	EXISTING RW 23 DEPARTMENT	2.8	REMOVE	N/A	⑫	TREE	162	EXISTING RW 5 DEPARTMENT	16.6	REMOVE	N/A
②	TREE CLUSTER	178	EXISTING RW 23 DEPARTMENT	2.6	REMOVE	N/A	⑬	TREE CLUSTER	151	EXISTING RW 5 DEPARTMENT	15.1	REMOVE	N/A
③	TREE	164	EXISTING RW 23 DEPARTMENT	3.9	REMOVE	N/A	⑭	TREE	151	EXISTING RW 5 DEPARTMENT	1.4	REMOVE	N/A
④	TREE	143	EXISTING RW 23 DEPARTMENT	3.8	REMOVE	N/A	⑮	TREE CLUSTER	176 (HIGH PT.)	EXISTING RW 5 DEPARTMENT	2.4-22.1	REMOVE	N/A
⑤	TREE CLUSTER	154 (HIGH PT.)	EXISTING RW 23 DEPARTMENT	4.8-24.6	REMOVE	N/A	⑯	TREE	186	EXISTING RW 5 DEPARTMENT	33.0	REMOVE	N/A
⑥	TREE CLUSTER	171 (HIGH PT.)	EXISTING RW 23 DEPARTMENT	42.6	REMOVE	N/A	⑰	TREE CLUSTER	183 (HIGH PT.)	EXISTING RW 5 DEPARTMENT	6.3-28.2	REMOVE	N/A
⑦	TREE CLUSTER	153 (HIGH PT.)	EXISTING RW 23 DEPARTMENT	12.3-34.6	REMOVE	N/A	⑱	TREE	151	EXISTING RW 5 DEPARTMENT	2.6	REMOVE	N/A
⑧	TREE	127	EXISTING RW 23 DEPARTMENT	9.9	REMOVE	N/A	⑲	TREE	177	EXISTING RW 5 DEPARTMENT	15.9	REMOVE	N/A
⑨	TREE	130	EXISTING RW 23 DEPARTMENT	18.4	REMOVE	N/A	⑳	TREE	174	EXISTING RW 5 DEPARTMENT	8.3	REMOVE	N/A
⑩	TREE	139	EXISTING RW 5 DEPARTMENT	2.3	REMOVE	N/A	㉑	TREE	185	EXISTING RW 5 DEPARTMENT	10.0	REMOVE	N/A
⑪	TREE	153	EXISTING RW 5 DEPARTMENT	13.0	REMOVE	N/A							

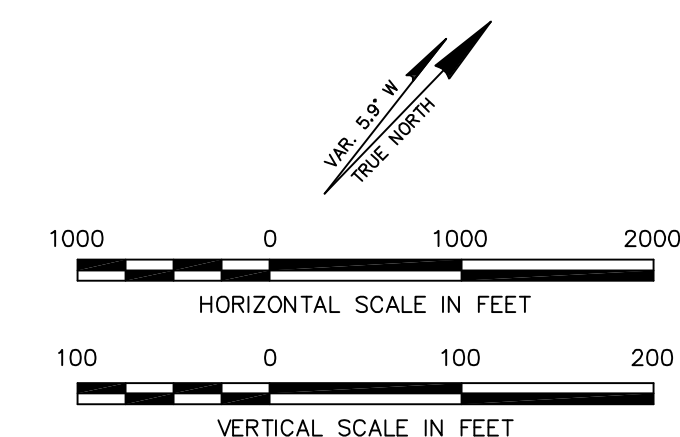
* FAA THIRD-PARTY ANALPV SURVEY: 2006_BOW_ANALPV_1523.LPV

NOTES:

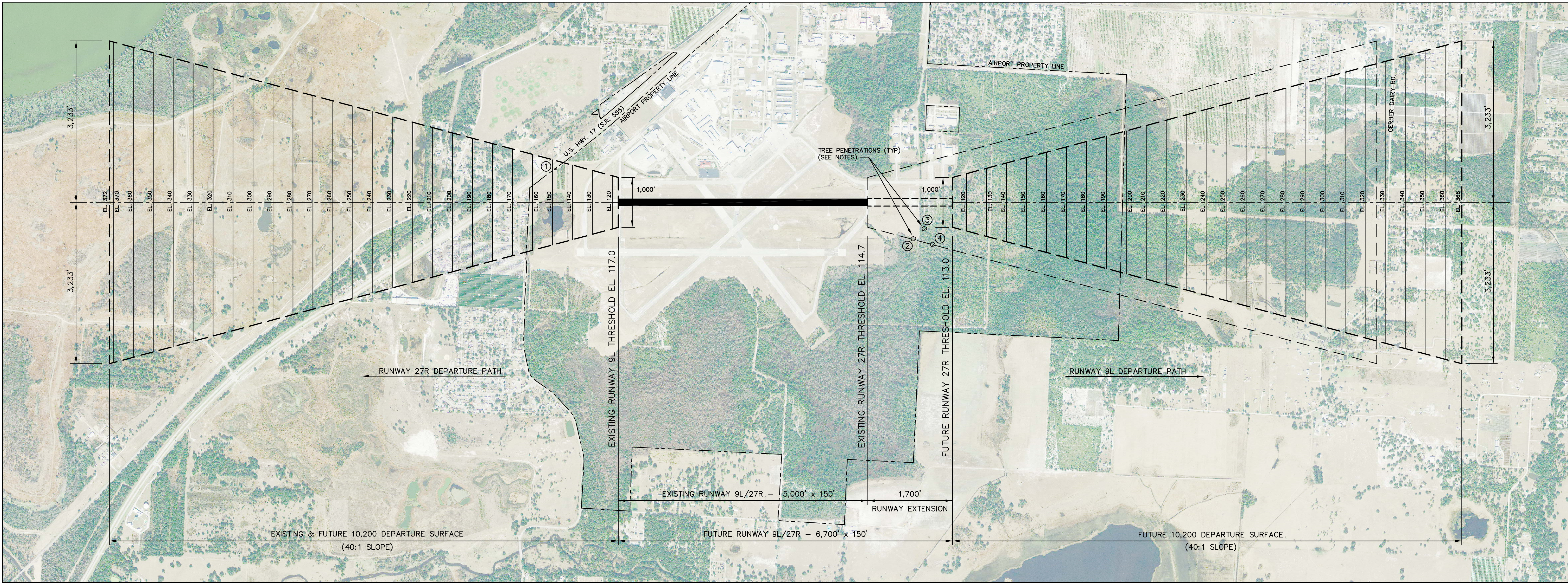
1. AERIAL BASE IS TAKEN FROM THE FDOT SURVEYING & MAPPING WEBSITE
AERIAL PHOTOGRAPHY WAS FLOWN IN 2011.

2. VERTICAL CLEARANCES (V.C.) FOR ROADS ARE CALCULATED USING THE ELEVATION
OF THE ROAD AT THAT POINT MEASURING VERTICALLY TO THE INTERSECTION OF
THE DEPARTURE SURFACE.

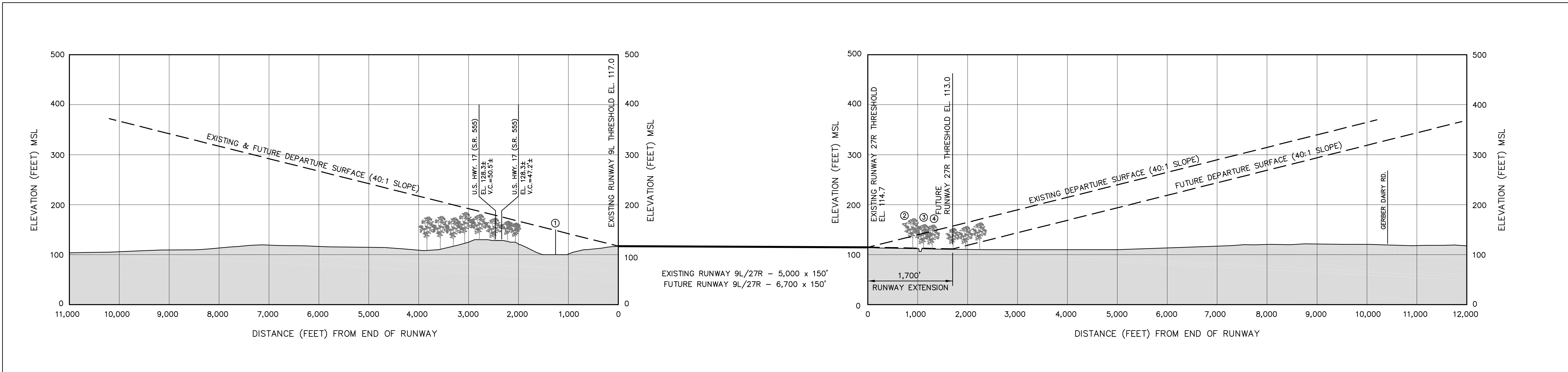
CALCULATED PENETRATIONS OF PORTIONS OF THE RUNWAY 5/23 TERPS 40:1
DEPARTURE SURFACES BASED UPON THE REMAINING HEIGHTS OF TREES PER
OBSTRUCTION SURFACE BY WOOLPERT INC. DATED 133RD DAY OF 2006
(2008-BOW_ANALYP_1523.LPV) THAT WERE TRIMMED IN 2010 TO ESTIMATED
HEIGHTS FIVE FEET BELOW THE (0+500) RUNWAY 5/23 GFR PART 77
34:1 APPROACH AND 3:1 TRANSITIONAL SURFACES.



No.		REVISIONS				BY	APP.	DATE	
			URS Corporation Southern 7650 West Courtney Campbell Causeway Tampa, FL 33607-1462 Ph: (813) 286-1711						
									
DEPARTURE SURFACES DRAWING									
RUNWAY 5/23									
BARTOW MUNICIPAL AIRPORT									
AND INDUSTRIAL PARK									
BARTOW, FLORIDA									
DESIGNED: <u>FMN</u>				CHECKED: <u>FMN</u>					
DRAWN: <u>RJM</u>				PROJECT MANAGER: <u>FMN</u>					
DATE: <u>1/16</u>				SHEET NO. 11 OF 13					



RUNWAY 9L/27R DEPARTURE SURFACE PLAN VIEW



RUNWAY 9L/27R DEPARTURE SURFACE PROFILE VIEW

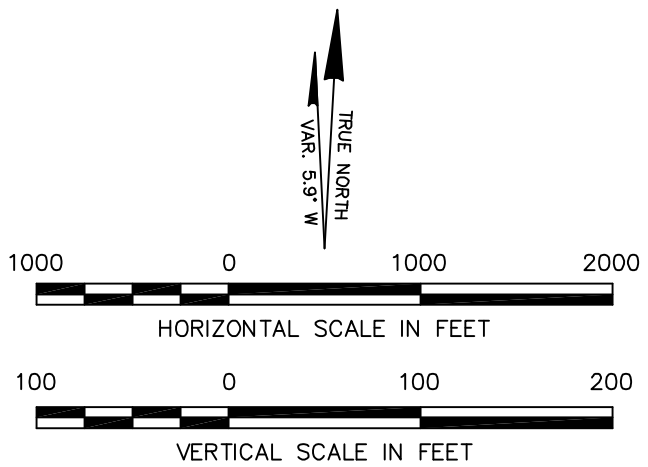
NOTES:

- AERIAL BASE IS TAKEN FROM THE FDOT SURVEYING & MAPPING WEBSITE. AERIAL PHOTOGRAPHY WAS FLOWN IN 2011.
- VERTICAL CLEARANCES (V.C.) FOR ROADS ARE CALCULATED USING THE ELEVATION OF THE ROAD AT THAT POINT MEASURING VERTICALLY TO THE INTERSECTION OF THE DEPARTURE SURFACE.

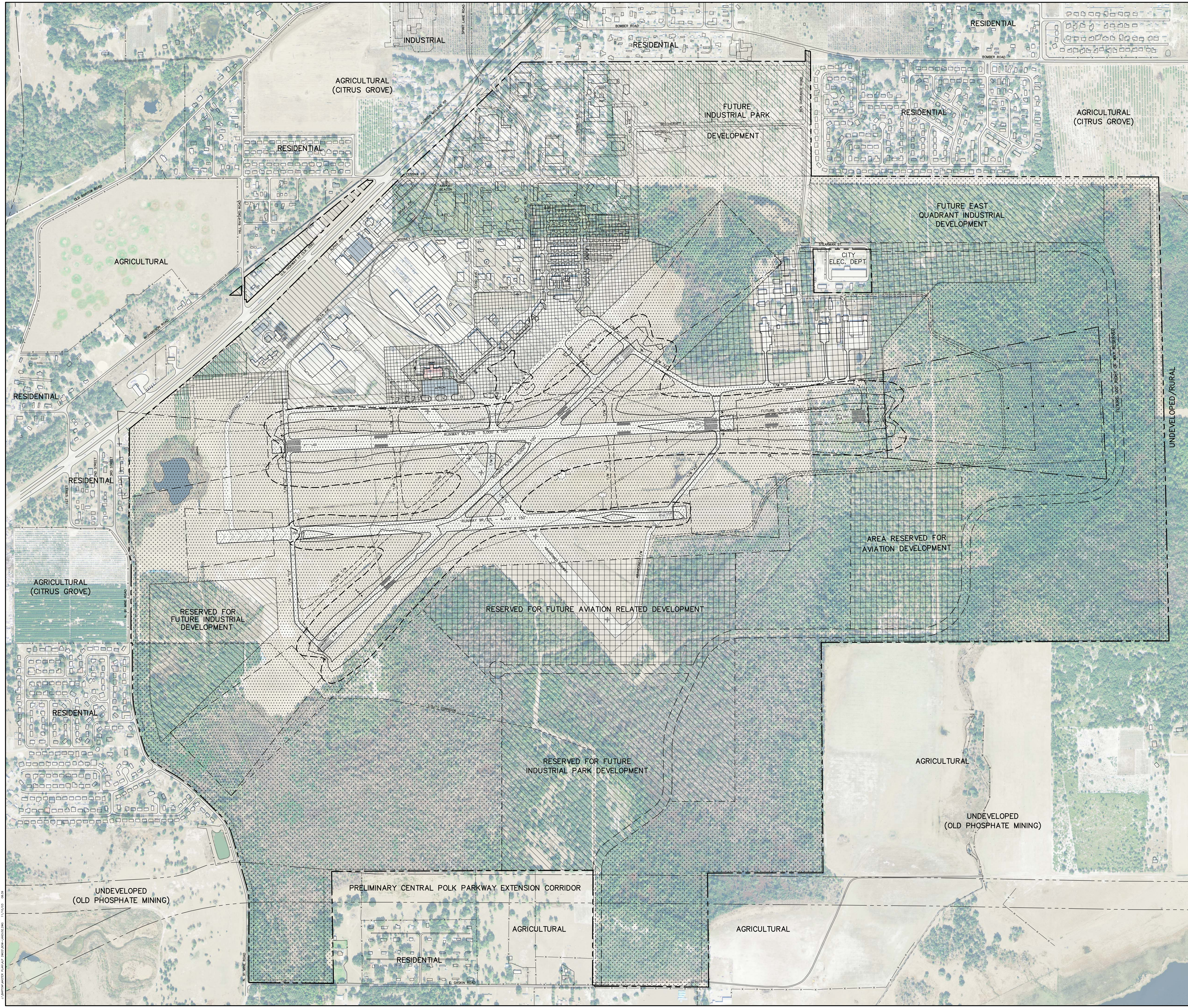
■ CALCULATED PENETRATIONS OF PORTIONS OF THE RUNWAY 9L/27R TERPS 40:1 DEPARTURE SURFACES BASED UPON THE REMAINING HEIGHTS OF TREES PER OBSTRUCTION SURVEY BY WOOLPERT INC. DATED 133RD DAY OF 2006 (2006_BOW_ANALPV_1523.LPV) THAT WERE TRIMMED IN 2010 TO ESTIMATED HEIGHTS FIVE FEET BELOW THE (OVERLYING) RUNWAY 9L/27R CRR PART 77 34:1 APPROACH AND 7:1 TRANSITIONAL SURFACES.

OBSTACLE DATA TABLE*						
NO.	DESCRIPTION	OBSTACLE ELEVATION FEET (MSL)	LOWEST AFFECTED SURFACE	PENETRATION (FEET)	RECOMMENDED ACTION	LIGHTED
①	POLE	150	EXISTING RW 27R DEPARTURE	1.5	LIGHT	NO
②	TREE	173	EXISTING RW 9L DEPARTURE	35.5	REMOVE	N/A
③	TREE	159	EXISTING RW 9L DEPARTURE	16.5	REMOVE	N/A
④	TREE	160	EXISTING RW 9L DEPARTURE	13.0	REMOVE	N/A

* FAA THIRD-PARTY ANALPV SURVEY: 2006_BOW_ANALPV_1523.LPV

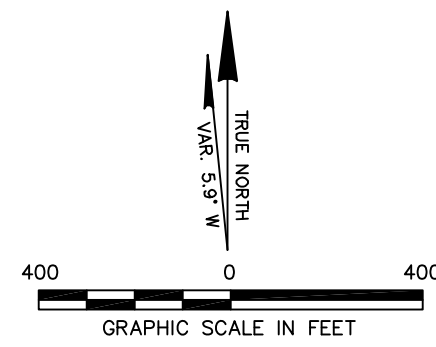


NO.	REVISIONS	BY	APP.	DATE
URS URS Corporation Southern 1550 West Courtney Campbell Causeway Tampa, FL 33607-1462 Ph: (813) 288-1711				
DEPARTURE SURFACES DRAWING RUNWAY 9L/27R BARTOW MUNICIPAL AIRPORT AND INDUSTRIAL PARK BARTOW, FLORIDA				
DESIGNED: FMN	CHECKED: FMN			
DRAWN: R.M.	PROJECT MANAGER: FMN			
DATE: 1/16	SHEET NO. 12	OF 13		



LEGEND

	AIRFIELD
	AVIATION RELATED
	NON-AVIATION RELATED
	OPEN SPACE/BUFFER ZONE
	AIRPORT PROPERTY LINE
	65 dBN NOISE CONTOUR



NO.		REVISIONS	BY	APP.	DATE

URS URS Corporation Southern
1950 West Courtney
Campbell Causeway
Tampa, FL 33607-1462
No. 00000002

**ON AIRPORT
LAND USE PLAN
BARTOW MUNICIPAL AIRPORT
AND INDUSTRIAL PARK
BARTOW, FLORIDA**

DESIGNED: FMN	CHECKED: FMN
DRAWN: RJM	PROJECT MANAGER: FMN
DATE: 1/16	SHEET NO. 13 OF 13