

AIRPORT LAYOUT PLAN SET

PLANT CITY AIRPORT

PLANT CITY, FLORIDA



LOCATION MAP
NOT TO SCALE



VICINITY MAP
NOT TO SCALE

AUGUST 2017

PREPARED FOR:
HILLSBOROUGH COUNTY AVIATION AUTHORITY



PREPARED BY:



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

IN ASSOCIATION WITH:



INTERNATIONAL

HILLSBOROUGH COUNTY AVIATION AUTHORITY

BOARD MEMBERS

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COUNTY COMMISSIONER VICTOR D. CRIST - SECRETARY

CHIEF EXECUTIVE OFFICER

MR. JOSEPH LOPANO

DRAWING INDEX

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1	COVER SHEET
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8	TERMINAL AREA DRAWING
9	LAND USE DRAWING

NOTE: PROPERTY MAP INFORMATION INCORPORATED INTO
STAND-ALONE EXHIBIT "A" PROPERTY MAP, DATED 6/24/2015

Drawing Number:

1

REVISIONS			
NO.	DESCRIPTION	DATE	BY

NOTE:
DO NOT SCALE DRAWINGS. ACTUAL SIZE MAY
HAVE BEEN MODIFIED DURING REPRODUCTION.

CONSTRUCTION DATA

PRIME CONTRACTOR	WORK: COMMENCED _____, COMPLETED _____
_____	COST: BID \$ _____ FINAL \$ _____
_____	PROJECT ENGINEER/INSPECTORS:
_____	_____
MAJOR SUBCONTRACTORS AND/OR SUPPLIERS	ALL CONSTRUCTION PERFORMED UNDER THIS CONTRACT WAS COMPLETED IN SUBSTANTIAL CONFORMITY WITH THE DRAWINGS, NOTES AND SPECIFICATIONS CONTAINED IN THESE PLANS. ALL CHANGES FROM THE PLANS AS BID, HAVE BEEN NOTED TO THE BEST OF OUR KNOWLEDGE: (CERTIFIED) _____ DATE _____
_____	PROJECT ENGINEER _____ DATE _____

FEDERAL AVIATION ADMINISTRATION

APPROVED _____ DATE _____

FLORIDA DEPT. OF TRANSPORTATION

APPROVED _____ DATE _____

HILLSBOROUGH COUNTY AVIATION AUTHORITY

TAMPA, FLORIDA

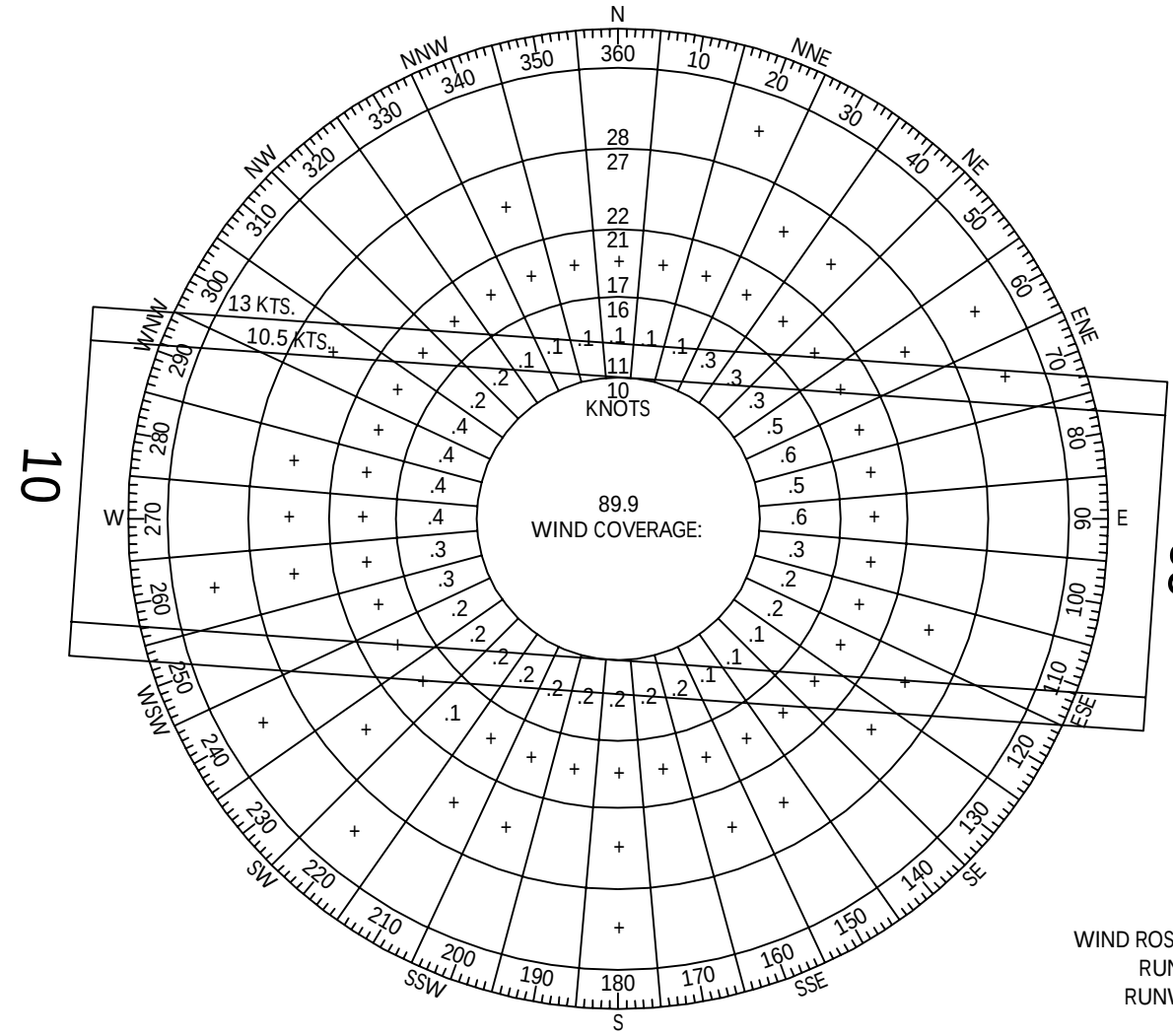
APPROVED _____ DATE _____

A/E - CONSULTANT

CITY, STATE

SUBMITTED _____ DATE _____
P.E. No. _____

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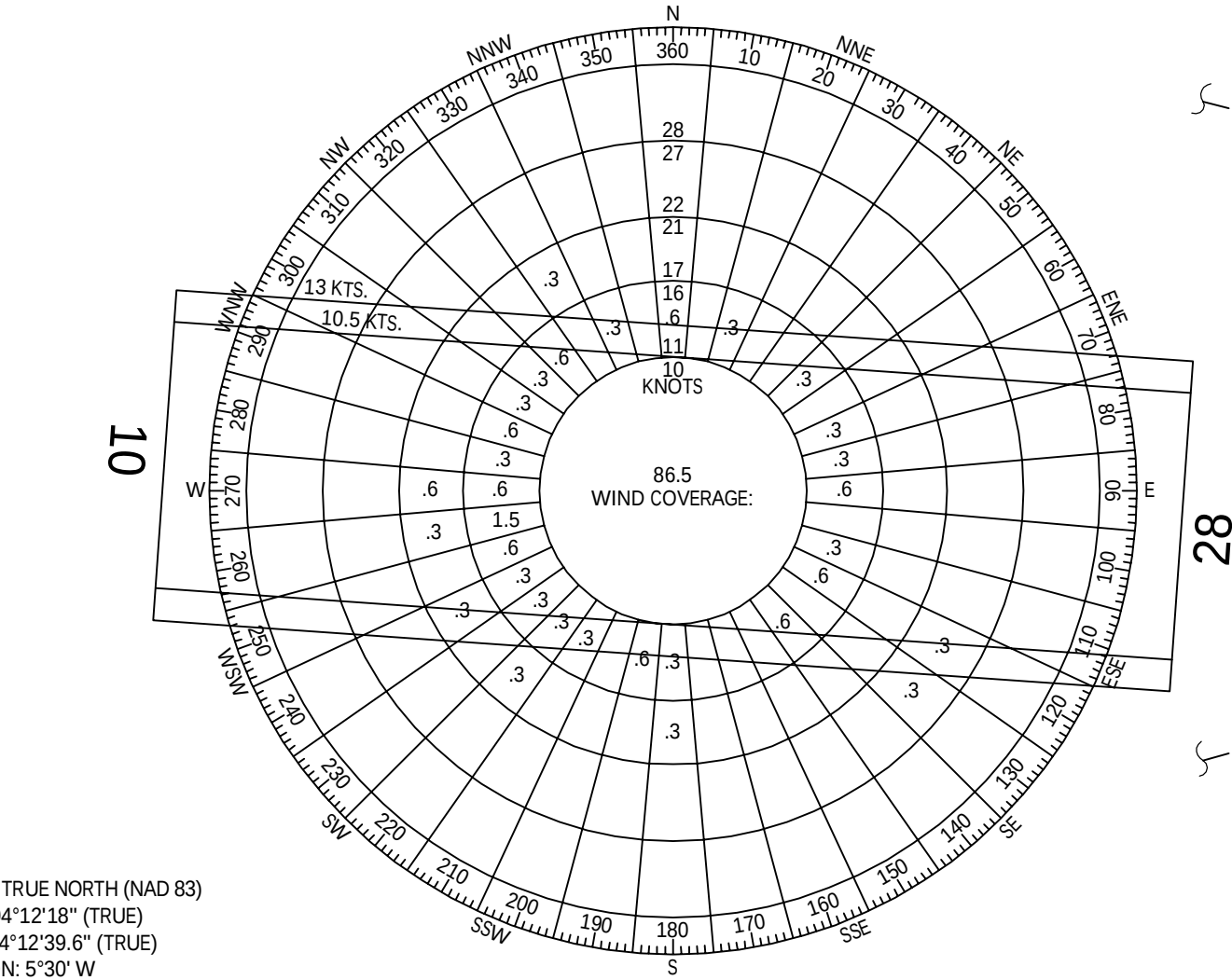


WIND ROSE DEPICTED RELATIVE TO TRUE NORTH (NAD 83)
RUNWAY 10 ORIENTATION: 94°12'18" (TRUE)
RUNWAY 28 ORIENTATION: 274°12'39.6" (TRUE)
MAGNETIC DECLINATION: 5°30' W

ALL WEATHER WIND ROSE

METEOROLOGICAL CONDITION	RUNWAY	RUNWAY WIND COVERAGE BY PERCENT		
		10.5 KNOTS (12 MPH)	13 KNOTS (15 MPH)	OBSERVATIONS
ALL-WEATHER	10/28	96.94	98.49	74.253

SOURCES:
U.S. DEPARTMENT OF COMMERCE; NATIONAL CLIMATIC DATA CENTER (NCDC) ASHEVILLE, NORTH CAROLINA,
SURFACE OBSERVATION DATA OBTAINED FOR WEATHER STATION: LAKELAND LINDER REGIONAL AIRPORT
STATION NO.: 722119; LAKELAND LINDER REGIONAL AIRPORT
RECORD PERIOD: 2004-2013
SURFACE OBSERVATION DATA COMPILED BY URS, 2014.

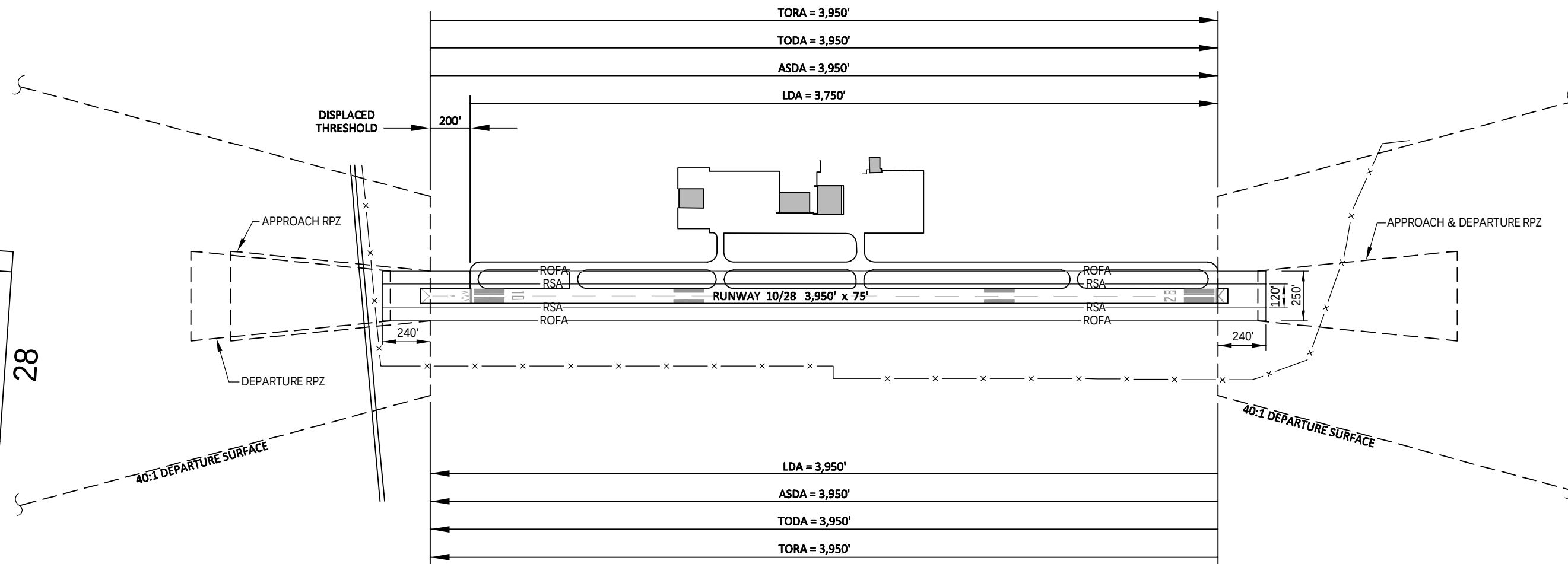


IMC WEATHER WIND ROSE

METEOROLOGICAL CONDITION	RUNWAY	RUNWAY WIND COVERAGE BY PERCENT		
		10.5 KNOTS (12 MPH)	13 KNOTS (15 MPH)	OBSERVATIONS
IMC (LOWEST MIN.)	10/28	95.51	97.51	340

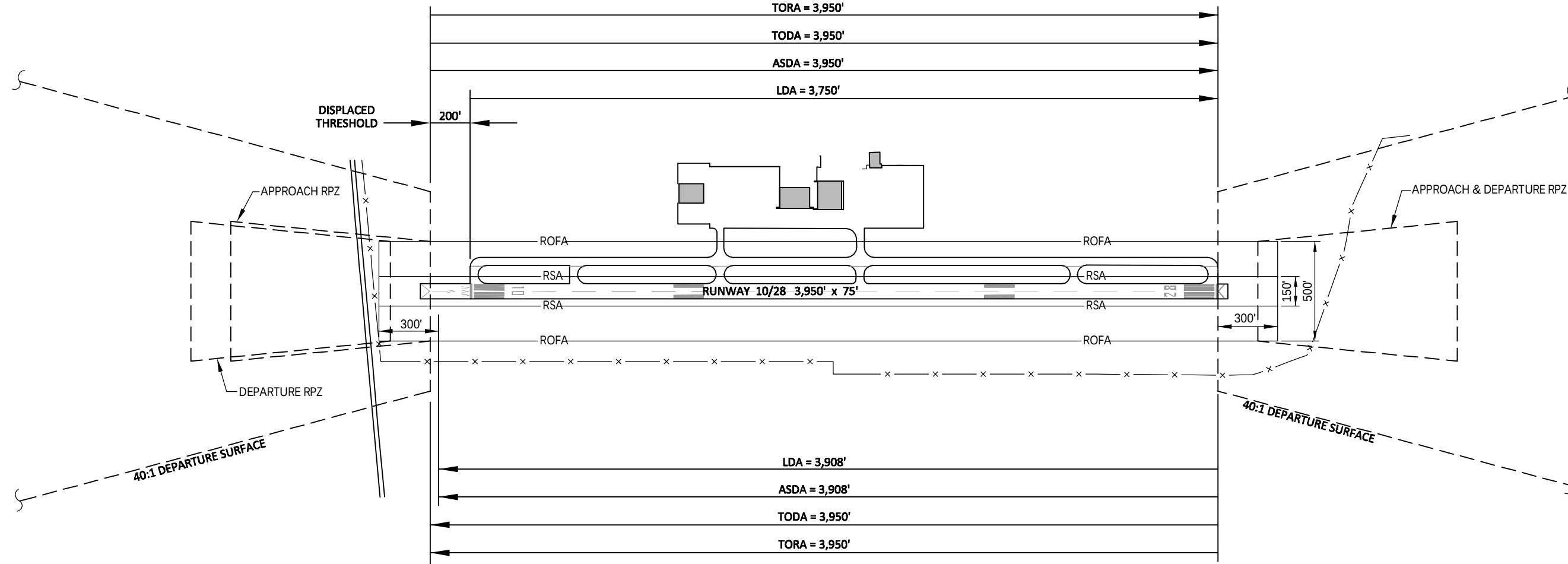
NOTES:
1. THIS GRAPHICAL CHART PLOTS, FOR THE DATA PERIOD LISTED, THE RECORDED OCCURRENCES
(IN PERCENT) OF WIND BY DIRECTION AND SPEED WHILE THE RECTANGULAR BOXES
REPRESENT THE MAXIMUM ACCEPTABLE CROSSWIND COMPONENTS OF 10.5, AND 13 KNOTS
FOR THE RUNWAY BASED ON ARC B-II AIRCRAFT DESIGN AND CROSSWIND LIMITATIONS. THE
AIRFIELD COVERAGE CAPABILITY IS THUS DETERMINED BY TOTALING ALL OCCURRENCES FALLING
WITHIN THE RECTANGLE.
2. RUNWAYS ARE NUMBERED USING MAGNETIC HEADINGS WHILE WIND DATA IS PRESENTED USING
TRUE HEADINGS. THEREFORE, THERE IS A 5°30' W DIFFERENCE BETWEEN THE RUNWAY
HEADINGS AND THE WIND ROSE HEADINGS.

RUNWAY DATA TABLE				
ITEM	RUNWAY 10/28			
	EXISTING	FUTURE		
RUNWAY LENGTH/WIDTH (FT.)	3,950/75	SAME		
APPROACH REFERENCE CODE (APRC)	B/II/(S)/5000 (1 MI.)	B/II/5000 (1 MI.)		
DEPARTURE REFERENCE CODE (DPRC)	B/II/(S)	B/II		
RUNWAY DESIGN CODE (RDC)	B/II/(S)/5000	B/II/5000		
CRITICAL DESIGN AIRCRAFT	BEECHCRAFT KING AIR F90	BEECHCRAFT KING AIR 200		
EFFECTIVE GRADIENT (%) / (MAXIMUM) (%)	0.351/(0.48)	SAME		
% WIND COVERAGE (ALL WEATHER)	96.94 (10.5 KTS.)	98.49 (13 KTS.)		
RUNWAY PAVEMENT	STRENGTH (000 lbs.)	21 SG		
	PCN	7/F/C/I/T		
	SURFACE TYPE/FRICTION	ASPHALT		
MAXIMUM RUNWAY ELEVATION (ABOVE MSL)	152.7	SAME		
RUNWAY LIGHTING	MIRL	SAME		
RUNWAY MARKING	NON-PRECISION	SAME		
RUNWAY ENDS	10	28	10	28
	END ELEVATIONS (NAVD 88) (MSL)	151.52	137.94	SAME
END COORDINATES	LATITUDE	28°00'01.99248"N	27°59'59.12340"N	SAME
	LONGITUDE	082°10'09.90280"W	082°09'25.95656"W	SAME
DISPLACED THRESHOLD ELEVATIONS (NAVD 88) (MSL)	151.80	N/A	SAME	SAME
	LATITUDE	28°00'01.84739"N	N/A	SAME
DISPLACED THRESHOLD COORDINATES (NAVD 83)	LONGITUDE	082°10'07.67754"W	N/A	SAME
	HORIZONTAL	NAVD83	NAVD83	SAME
DATUM	VERTICAL	NAVD88	NAVD88	SAME
	LENGTH	1,000'	1,000'	1,000'
RUNWAY PROTECTION ZONE (RPZ)	WIDTH-INNER/OUTER	250'/450'	250'/450'	500'/700'
	APPROACH LIGHTING	NONE	NONE	SAME
RUNWAY TOUCH DOWN ZONE ELEVATIONS (MSL)	152.7	152.6	SAME	SAME
C.F.R. PART 77 IMAGINARY AIRSPACE SURFACES	APPROACH CATEGORY	NON-PRECISION	NON-PRECISION	SAME
	APPROACH SURFACE SLOPES	20:1	20:1	34:1
RUNWAY DEPARTURE SURFACE	YES	YES	SAME	SAME
THRESHOLD SITING SURFACE	YES	YES	SAME	SAME
NAVAIDS	ELECTRONIC NAVIGATION AIDS	GPS	GPS	SAME
	VISUAL APPROACH AIDS	PAPI-2/REILS	PAPI-2/REILS	SAME
TYPE OF INSTRUMENT APPROACH	RNAV(GPS)	RNAV(GPS)	SAME	SAME
TYPE OF SURVEY REQUIRED	VERTICALLY GUIDED	VERTICALLY GUIDED	SAME	SAME
APPROACH VISIBILITY MINIMUMS	1 MILE	1 MILE	SAME	SAME
RUNWAY SAFETY AREA (RSA)	W=120'	W=150'		
	BRE=240'	BRE=300'		
RUNWAY OBJECT FREE AREA (ROFA)	W=250'	W=500'		
	BRE=240'	BRE=300'		
RUNWAY OBSTACLE FREE ZONE (OFZ)	W=250'	W=400'		
	BRE=200'	BRE=200'		



EXISTING DECLARED DISTANCES

RUNWAY	TORA	TODA	ASDA	LDA
10 (EXISTING)	3,950'	3,950'	3,950'	3,750'
28 (EXISTING)	3,950'	3,950'	3,950'	3,950'
10 (FUTURE)	3,950'	3,950'	3,950'	3,750'
28 (FUTURE)	3,950'	3,950'	3,908'	3,908'



FUTURE DECLARED DISTANCES

TAXIWAY DATA TABLE				
TAXIWAY	WIDTH	T.S.A	T.O.F.A.	LIGHTING
A (EXISTING)	40'	49'	89'	MITL
A (FUTURE)	35'	79'	131'	MITL
TDG (EXISTING)	1A			
TDG (FUTURE)	2			

AIRPORT DATA TABLE		
AIRPORT REFERENCE CODE	EXISTING	FUTURE
MEAN MAX. TEMPERATURE - HOTTEST MONTH	B-1 (SMALL)	B-II
ESTABLISHED AIRPORT ELEVATION (NAVD 88)	91.0° (JULY)	SAME
AIRPORT NAVIGATIONAL AIDS	152.7 (MSL)	SAME
AIRPORT REFERENCE POINT (ARP)	ROTATING BEACON	SAME
COORDINATES (NAVD 83)	LATITUDE	SAME
	LONGITUDE	SAME
MISCELLANEOUS FACILITIES	AWOS	SAME
AIRPORT REFERENCE CODE	B-I/(S)	B-II
CRITICAL AIRCRAFT	BEECHCRAFT KING AIR F90	BEECHCRAFT KING AIR 200
MAGNETIC VARIATION	5°30'W	ANNUAL RATE OF CHANGE
DATE OF MAGNETIC VARIATION	01/01/2015	0°6'W / YR.
NPIAS ASSET - USE/ROLE/SERVICE LEVEL	PUI/LOCAL/GA	SAME
AIRPORT ACREAGE (EXHIBIT "A", 6/24/15)	194.705 AC.	SAME

SURVEY MONUMENTS				
DESIGNATION	TYPE	LATITUDE	LONGITUDE	ELEVATION
PLANTPORT	PACS	28°00'01.27230" N	082°09'46.49303" W	148.66
PLANTPORT AZ MK	SACS	28°00'02.63981" N	082°10'06.75277" W	150.78
0018	SACS	28°00'00.00130" N	082°09'26.89216" W	136.70

MODIFICATION TO STANDARDS

NONE TO DATE

NOTES:

- ALL ELEVATIONS ARE IN FEET (MSL).
- HORIZONTAL DATUM NAD83, VERTICAL DATUM NAVD88.
- DRAWING PREPARED IN FLORIDA STATE PLANE, WEST (0902), US FOOT.
- BASE DRAWING UPDATED USING AERIAL PHOTOGRAPHY FLOWN IN 2014.
- GQS (LPV) TREE PENETRATIONS ON RUNWAY 10 AND 28.

CONSTRUCTION NOTICE REQUIREMENT

TO PROTECT OPERATIONAL SAFETY AND FUTURE DEVELOPMENT, ALL PROPOSED CONSTRUCTION ON THE AIRPORT MUST BE COORDINATED BY THE AIRPORT OWNER WITH THE FAA AIRPORTS DISTRICT OFFICE PRIOR TO CONSTRUCTION. FAA'S REVIEW TAKES APPROXIMATELY 60 DAYS.

FAA DISCLAIMER

THE CONTENTS OF THIS PLAN DO NOT NECESSARILY REFLECT THE OFFICIAL VIEWS OR POLICY OF THE FAA. ACCEPTANCE OF THESE DOCUMENTS BY THE FAA DOES NOT IN ANY WAY CONSTITUTE A COMMITMENT ON THE PART OF THE UNITED STATES TO PARTICIPATE IN ANY DEVELOPMENT DEPICTED THEREIN NOR DOES IT INDICATE THAT THE PROPOSED DEVELOPMENT IS ENVIRONMENTALLY ACCEPTABLE IN ACCORDANCE WITH APPROPRIATE PUBLIC LAWS.

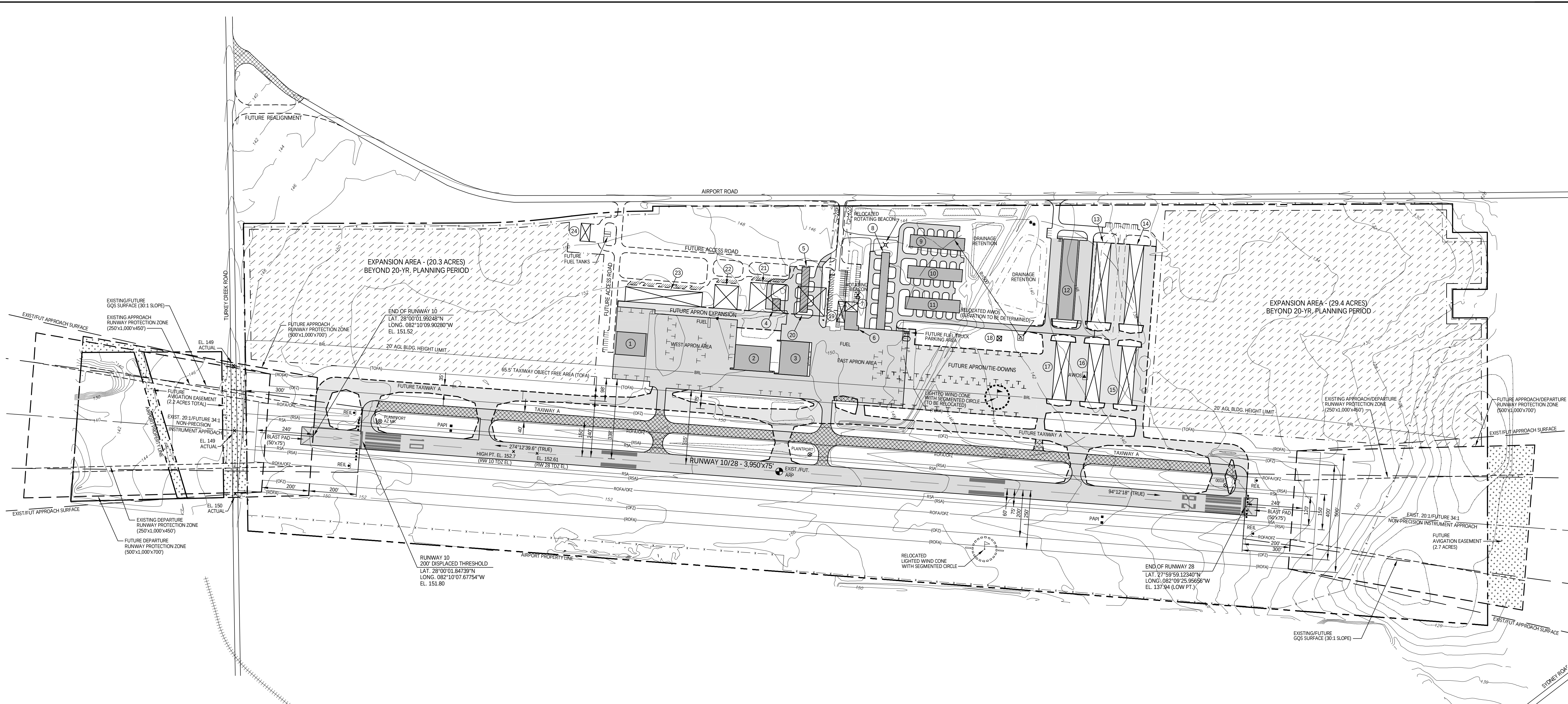
FDOT AVIATION AND SPACEPORTS OFFICE ACCEPTANCE

THIS AIRPORT DRAWING IS APPROVED BY:
(SIGNATURE) _____ DATE: _____
NAME: _____
TITLE: _____

FAA APPROVAL BLOCK

AIRPORT SPONSOR APPROVAL
THIS AIRPORT DRAWING IS APPROVED BY:
(SIGNATURE) _____ DATE: _____
NAME: _____
TITLE: _____

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BUILDING/TENANT INDEX			
NO.	BLDG. I.D. NO.	DESCRIPTION	ELEVATION (FT.) MSL (ESTIMATED)
1	5900	BULK HANGAR	177.00
2	5200	BULK HANGAR	168.88
3	5000	FBO MAINTENANCE HANGAR/BULK HANGAR	162.50
4	4800	OPERATIONS AND MAINTENANCE SHOP (TO BE REMOVED)	162.59
5	4600	ENCLOSED HANGAR (6 UNITS) (TO BE REMOVED)	162.43
6	4200	TERMINAL BUILDING	160.88
7	4000	ELECTRICAL VAULT (15'x30')	161.51
8	3600	ENCLOSED HANGAR (10 UNITS)	164.07
9	3000	ENCLOSED HANGAR (10 UNITS)	163.40
10	3200	SHADE HANGAR (10 UNITS)	163.12
11	3400	ENCLOSED HANGAR (10 UNITS)	163.35
12	2600	ENCLOSED HANGAR (14 UNITS)	160.00
13	TBD	FUTURE T-HANGAR (14 UNITS)	TBD
14	TBD	FUTURE T-HANGAR (14 UNITS)	TBD
15	TBD	FUTURE T-HANGAR (10 UNITS)	TBD
16	TBD	FUTURE T-HANGAR (10 UNITS)	TBD
17	TBD	FUTURE T-HANGAR (10 UNITS)	TBD
18	TBD	FUTURE ELECTRICAL VAULT	TBD
19	TBD	FUTURE TERMINAL EXPANSION	TBD
20	TBD	FUTURE HANGAR (120'x120')	TBD
21	TBD	FUTURE HANGAR (150'x120')	TBD
22	TBD	FUTURE HANGAR (100'x120')	TBD
23	TBD	FUTURE HANGAR (5 UNITS)	TBD
24	TBD	FUTURE AIRPORT MAINTENANCE FACILITY (75'x40')	TBD

LEGEND		
ITEM	EXISTING	FUTURE
AIRPORT PROPERTY LINE	---	N/A
AIRFIELD PAVEMENT	=====	-----
BUILDINGS	■	▣
ROADS & PARKING	=====	-----
FENCE	x---x---x	xx---xx---xx
RUNWAY SAFETY AREA	---RSA---	---(RSA)---
RUNWAY OBJECT FREE AREA	---ROFA---	---(ROFA)---
TAXIWAY OBJECT FREE AREA	N/A	---(TOFA)---
OBSTACLE FREE ZONE	---OFZ---	---(OFZ)---
BUILDING RESTRICTION LINE	---BRL---	N/A
PAVEMENT TO BE REMOVED	N/A	▨
EXPANSION AREA	N/A	▧
AWOS CRITICAL AREA EASEMENT	N/A	▩
AVIGATION EASEMENT	N/A	
PAPI	■	N/A
REIL	●	N/A
THRESHOLD LIGHTS	***	N/A
WIND CONE	☼	☼
AIRPORT REFERENCE POINT (ARP)	⊙	N/A
AIRPORT CONTROL STATION	⊗	N/A
ROTATING BEACON	⊗	⊗
AWOS	▲	▲

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AIRPORT SPONSOR APPROVAL

THIS AIRPORT DRAWING IS APPROVED BY:

(SIGNATURE) _____ DATE: _____

NAME: _____

TITLE: _____

FDOT AVIATION AND SPACEPORTS OFFICE ACCEPTANCE

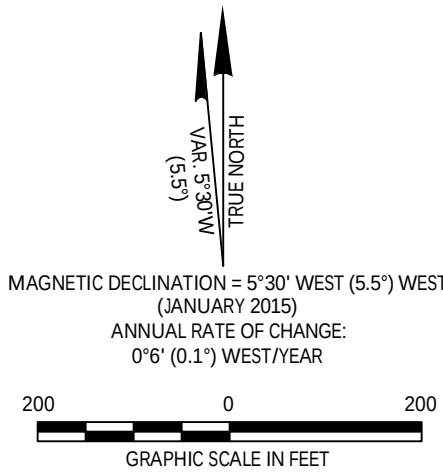
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(SIGNATURE) _____ DATE: _____

NAME: _____

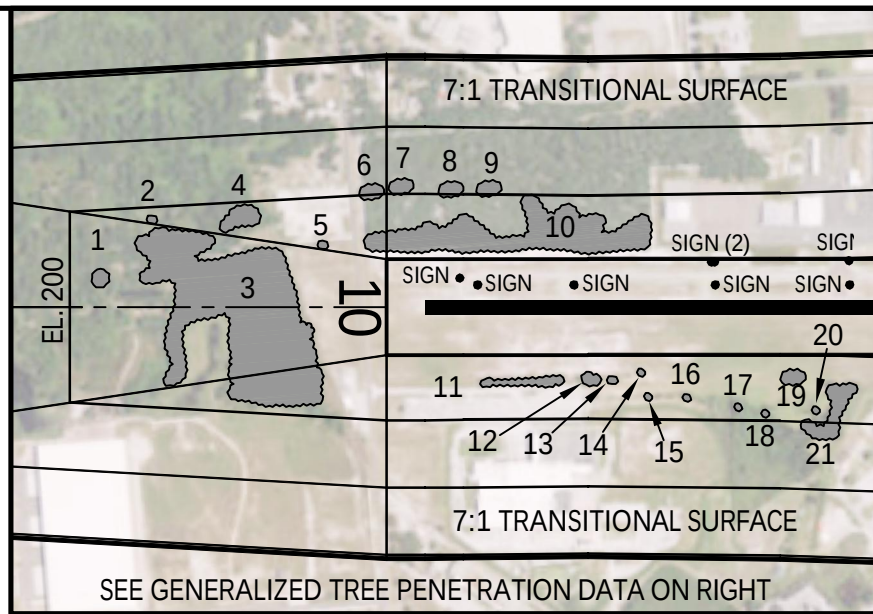
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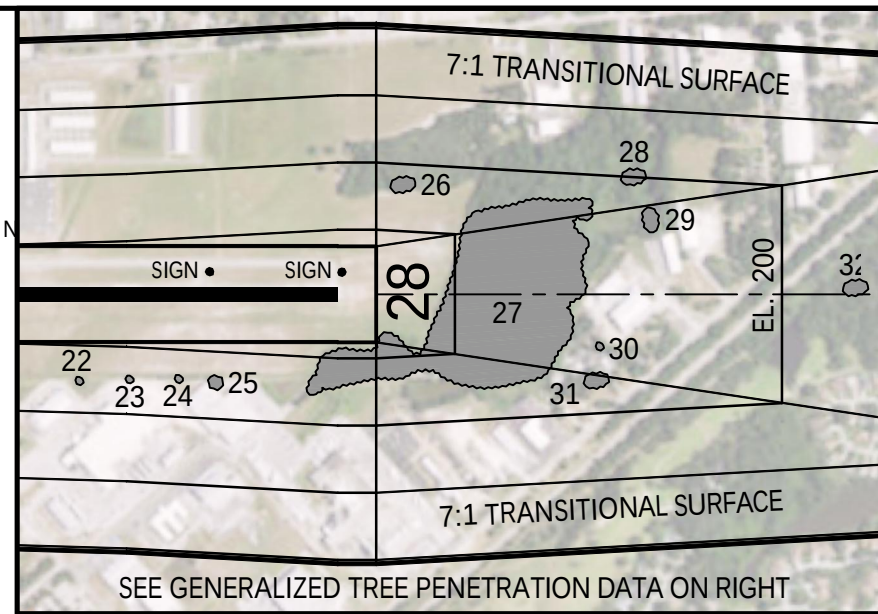
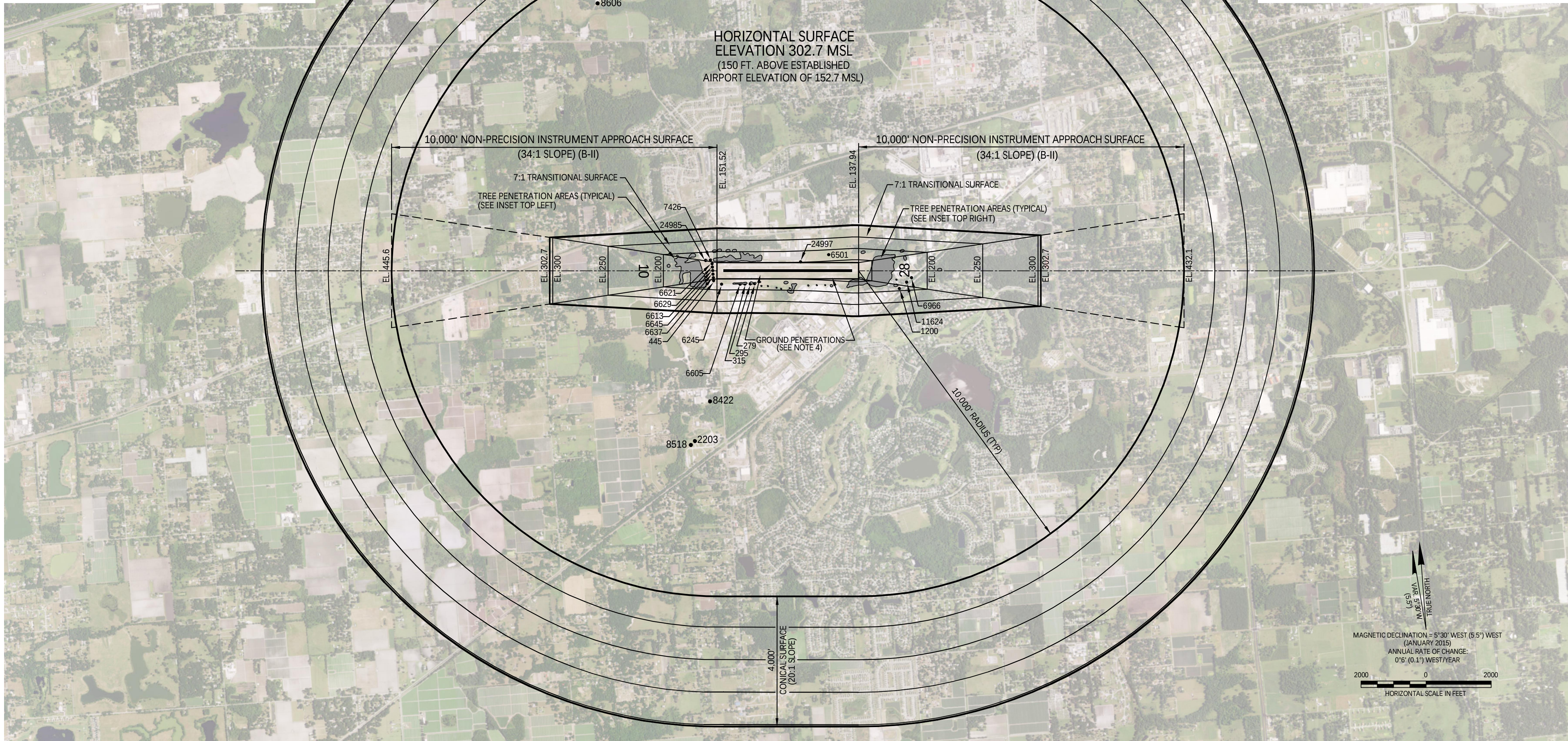
DESIGNED:	DRAWN:	CHECKED:	DATE:	SHEET TITLE	PROJECT NAME	REVISIONS		
						DATE	BY	
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HCAA NO.: 6255.14 FDOT NO.: 415760-1								
Tampa International Airport								
Michael Baker INTERNATIONAL								
URS Corporation, St. Petersburg, FL 33607-1462								

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SEE GENERALIZED TREE PENETRATION DATA ON RIGHT

TREE PENETRATION INSET



SEE GENERALIZED TREE PENETRATION DATA ON RIGHT

TREE PENETRATION INSET

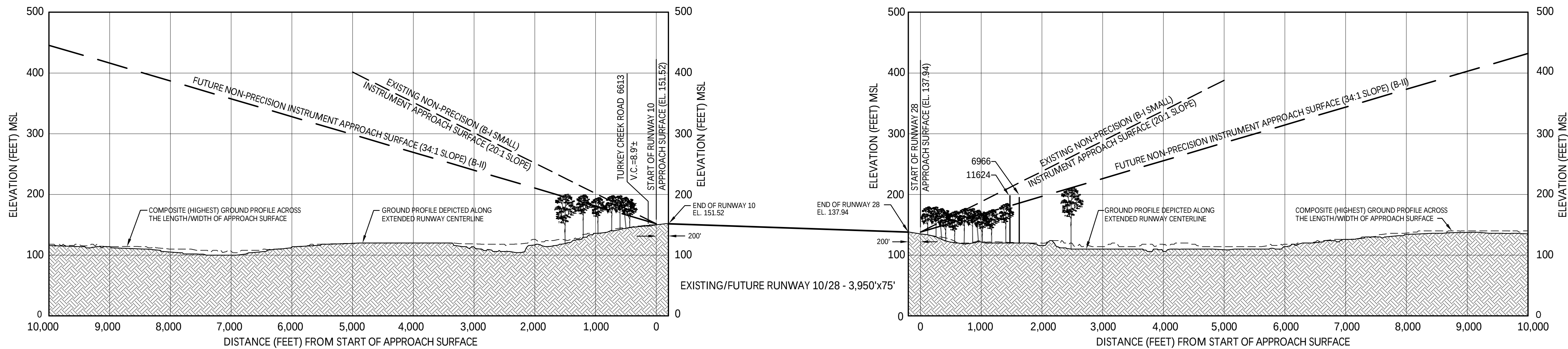
OBSTRUCTION DATA TABLE						
RW End Aprc/Trans/Horiz	Object ID No.	Object Description	Object Elevation [MSL]	P77 Surface Penetrated	P77 Surface Penetration (Feet)	Existing / Proposed Disposition of Obstruction
HORIZ	2203	TOWER	318.00	HORIZ	15.30	LIGHT
HORIZ	8422	CELL TOWER	305.76	HORIZ	3.06	LIGHT
HORIZ	8518	ANTENNA	305.58	HORIZ	2.88	LIGHT
HORIZ	8606	ANTENNA	404.96	HORIZ	102.26	LIGHT
HORIZ	8614	ANTENNA	307.08	HORIZ	4.38	LIGHT
RW10 APRC	6613	PRIMARY ROAD	164.34	RW10 APRC	8.90	NONE
RW10 APRC	6621	PRIMARY ROAD	163.78	RW10 APRC	7.78	NONE
RW10 APRC	6629	PRIMARY ROAD	163.88	RW10 APRC	8.15	NONE
RW10 APRC	6637	PRIMARY ROAD	164.88	RW10 APRC	10.00	NONE
RW10 APRC	6645	PRIMARY ROAD	164.52	RW10 APRC	9.37	NONE
RW28 APRC	6966	POLE	194.76	RW28 APRC	8.98	LIGHT
RW28 APRC	11624	POLE	197.78	RW28 APRC	16.49	LIGHT
TRANS	6245	POLE	189.08	TRANS	14.38	LIGHT
TRANS	6501	ANTENNA	184.56	TRANS	6.16	LIGHT
TRANS	6605	POLE	186.32	TRANS	10.50	LIGHT
TRANS	7426	POLE	185.68	TRANS	21.04	LIGHT
TRANS	279	POLE	182.00	TRANS	8.50	LIGHT
TRANS	295	POLE	185.00	TRANS	10.52	LIGHT
TRANS	315	POLE	185.00	TRANS	9.89	LIGHT
TRANS	445	RD (N)	165.00	TRANS	4.88	NONE
TRANS	1200	POLE	200.00	TRANS	9.70	LIGHT
TRANS	24985	POLE	174.00	TRANS	10.07	LIGHT
TRANS	24997	TOWER	158.00	TRANS	6.14	LIGHT

SOURCE:
OBSTRUCTION SURVEY:
Aerometric, April 3-5, 2014
Compiled by URS, July 2015

GENERALIZED TREE PENETRATION DATA	
GROUPING	RANGE OF PENETRATION
1	3 FT.
2	11 FT.
3	1 FT. - 24 FT.
4	3 FT. - 13 FT.
5	4 FT.
6	LESS THAN 1 FT.
7	4 FT.
8	2 FT. - 9 FT.
9	4 FT.
10	1 FT. - 34 FT.
11	11 FT. - 23 FT.
12	17 FT. - 23 FT.
13	14 FT.
14	13 FT.
15	1 FT.
16	8 FT.
17	5 FT. - 8 FT.
18	2 FT.
19	33 FT. - 38 FT.
20	12 FT.
21	1 FT. - 23 FT.
22	8 FT.
23	5 FT.
24	4 FT.
25	18 FT. - 20 FT.
26	1 FT. - 2 FT.
27	1 FT. - 24 FT.
28	3 FT.
29	1 FT. - 5 FT.
30	1 FT.
31	3 FT.
32	1 FT.

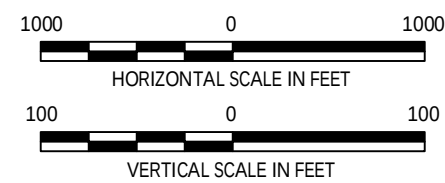
LEGEND
GENERALIZED TREE PENETRATION AREA
APPROACH / TRANSITIONAL SURFACE

RUNWAY 10/28 PLAN VIEW



RUNWAY 10/28 PROFILE VIEW

- NOTES:
- LOCAL ZONING IS CODIFIED AND ENFORCED VIA HCAA RESOLUTION 2017-37, AIRPORT ZONING REGULATIONS, UNDER THE PROVISIONS OF CHAPTER 333, FLORIDA STATUTES AND CHAPTER 2003-370, LAWS OF FLORIDA AS ADOPTED ON JUNE 1, 2017 FOR TPA, PCM, TPF AND VDF.
 - AIRPORT INDUSTRIAL DISTRICT "M-AP" ESTABLISHED BY PLANT CITY.
 - SEE AIRPORT HEIGHT ZONING MAP "ZONE A".
 - MULTIPLE SURVEYED GROUND PENETRATIONS OF 2.4 FT. OR LESS IN THE PRIMARY SURFACE AND 2.6 FT. OR LESS IN THE TRANSITIONAL SURFACE.
 - MULTIPLE SURVEYED AIRFIELD SIGNS PENETRATE PRIMARY SURFACE AND ARE SHOWN ON TREE PENETRATION INSETS.
 - THE VERTICAL CLEARANCE (V.C.) OVER ROADS PER CODE OF FEDERAL REGULATIONS IS 17 FEET FOR INTERSTATE HIGHWAYS, 15 FEET FOR ANY OTHER PUBLIC ROADWAY, AND 10 FEET FOR A PRIVATE ROAD. THE VERTICAL CLEARANCE OVER A RAILROAD IS 23 FEET.
 - VERTICAL CLEARANCES (V.C.) FOR ROADS/RAILROADS ARE CALCULATED USING THE ELEVATION OF THE ROAD/RAILROAD AT THAT POINT MEASURING VERTICALLY TO THE INTERSECTION OF THE SPECIFIC SURFACE. ROAD ELEVATIONS ARE ESTIMATED.
 - BASE MAP IS FROM 7.5" USGS QUADANGLE MAPS DATED 2014.



RW End	Object ID No.	Object Description	Object Elevation [MSL]	Approach Surface Penetration (Feet)	Existing / Proposed Disposition of Obstruction	Triggering Event
RW10	6613	PRIMARY ROAD	164.34	8.90	NONE	FUT. B-II
RW10	6621	PRIMARY ROAD	163.78	7.78	NONE	FUT. B-II
RW10	6629	PRIMARY ROAD	163.88	8.15	NONE	FUT. B-II
RW10	6637	PRIMARY ROAD	164.88	10.00	NONE	FUT. B-II
RW10	6645	PRIMARY ROAD	164.52	9.37	NONE	FUT. B-II

NOTES:

1. LOCAL ZONING IS CODIFIED AND ENFORCED VIA HCA Resolution 2010-54, AIRPORT ZONING REGULATIONS, UNDER THE PROVISIONS OF CHAPTER 333, FLORIDA STATUTES AND CHAPTER 2003-37, LAWS OF FLORIDA AS ADOPTED ON MARCH 1, 2010 FOR TPA, PCM, TPF AND VDF.
2. AIRPORT-INDUSTRIAL DISTRICT "MA-P" ESTABLISHED BY PLANT CITY.
3. SEE AIRPORT HEIGHT ZONING MAP "ZONE "A".
4. THE VERTICAL CLEARANCE (V.C.) OVER ROADS PER CODE OF FEDERAL REGULATIONS IS 17 FEET FOR INTERSTATE HIGHWAYS, 15 FEET FOR ANY OTHER PUBLIC ROADWAY, AND 10 FEET FOR A PRIVATE ROAD. THE VERTICAL CLEARANCE OVER A RAILROAD IS 23 FEET.
5. VERTICAL CLEARANCES (V.C.) FOR ROADS/RAILROADS ARE CALCULATED USING THE ELEVATION OF THE ROAD/RAILROAD AT THAT POINT MEASURING VERTICALLY TO THE INTERSECTION OF THE SPECIFIC SURFACE. ROAD ELEVATIONS ARE ESTIMATED.
6. BASE IS FROM AERIAL PHOTOGRAPHY FLOWN IN 2014.

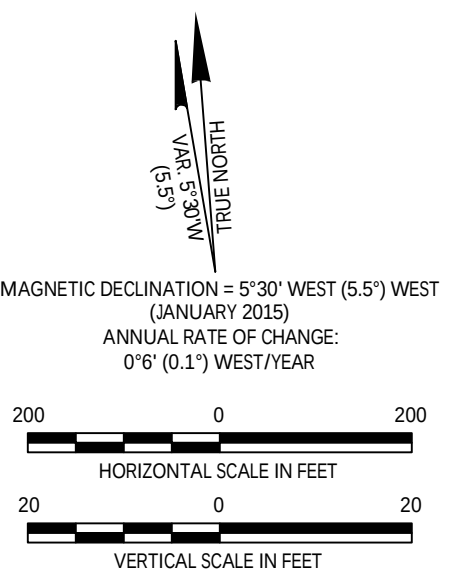
LEGEND

	TREE PENETRATION AREA - APPROACH SURFACE
	TREE PENETRATION AREA - GQS SURFACE
	FUTURE AVIGATION EASEMENT
	PAVEMENT TO BE REMOVED

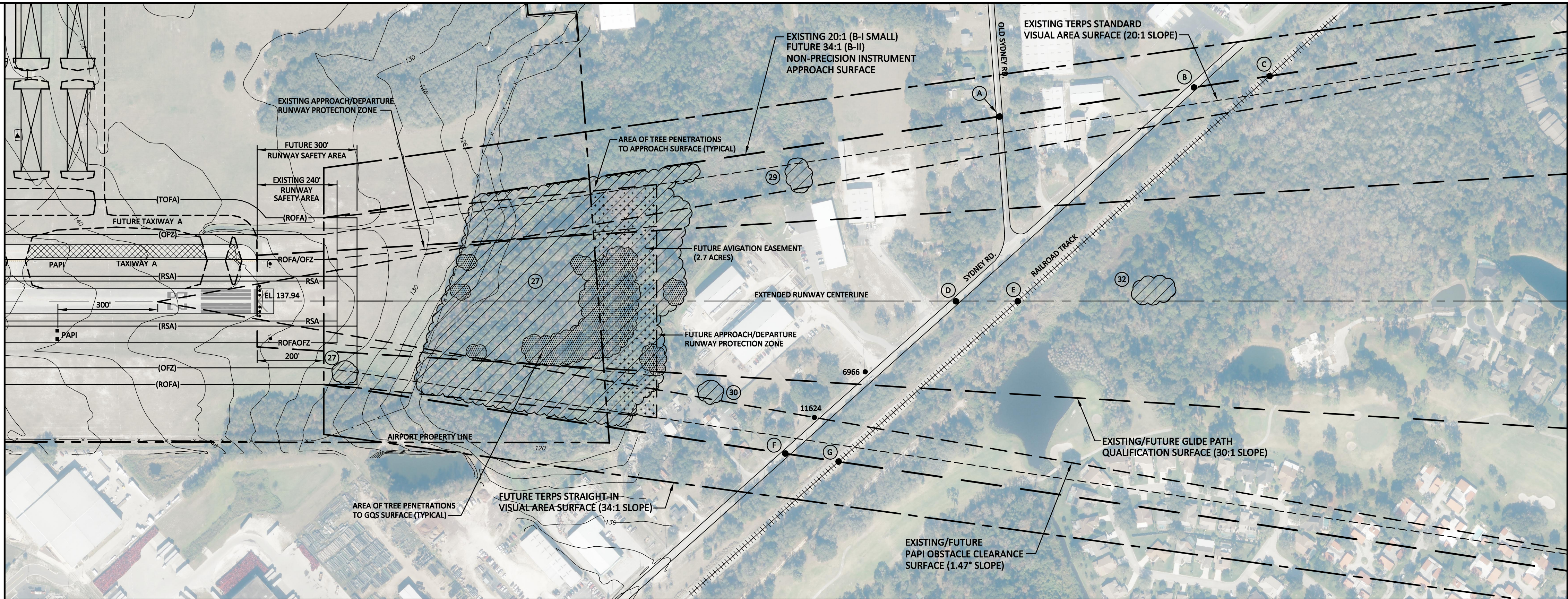
(A) TURKEY CREEK ROAD
EL. 149± (ACTUAL)
V.C.=10' (EX.) (5' PENETRATION)
V.C.=7' (FUT.) (8' PENETRATION)

(B) TURKEY CREEK ROAD
EL. 149± (ACTUAL)
V.C.=9' (EX.) (6' PENETRATION)
V.C.=6' (FUT.) (9' PENETRATION)

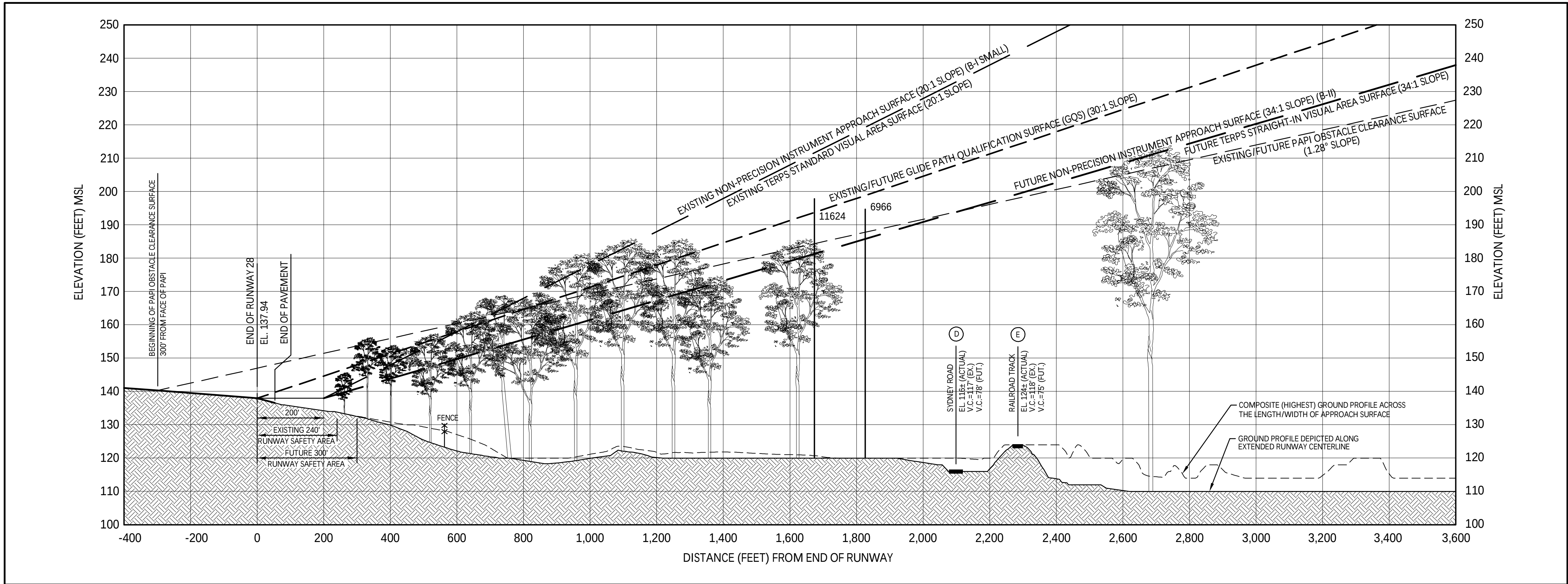
(C) TURKEY CREEK ROAD
EL. 150± (ACTUAL)
V.C.=7' (EX.) (8' PENETRATION)
V.C.=5' (FUT.) (10' PENETRATION)



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RUNWAY 28 INNER APPROACH SURFACE PLAN VIEW



RUNWAY 28 INNER APPROACH SURFACE PROFILE VIEW

OBSTRUCTION DATA TABLE						
RW End	Object ID No.	Object Description	Object Elevation [MSL]	Approach Surface Penetration (Feet)	Existing / Proposed Disposition of Obstruction	Triggering Event
RW28	6966	POLE	194.76	8.98	LIGHT	FUT. B-II
RW28	11624	POLE	197.78	16.49	LIGHT	FUT. B-II

SOURCE:
OBSTRUCTION SURVEY:
Aerometric, April 3-5, 2014
Compiled by URS, July 2015

- NOTES:
1. LOCAL ZONING IS CODIFIED AND ENFORCED VIA HCAA RESOLUTION 2010-54, AIRPORT ZONING REGULATIONS, UNDER THE PROVISIONS OF CHAPTER 333, FLORIDA STATUTES AND CHAPTER 2003-370, LAWS OF FLORIDA AS ADOPTED ON MARCH 1, 2010 FOR TPA, PCM, TPF AND VDF.
 2. AIRPORT-INDUSTRIAL DISTRICT "MA-P" ESTABLISHED BY PLANT CITY.
 3. SEE AIRPORT HEIGHT ZONING MAP "ZONE A".
 4. THE VERTICAL CLEARANCE (V.C.) OVER ROADS PER CODE OF FEDERAL REGULATIONS IS 17 FEET FOR INTERSTATE HIGHWAYS, 15 FEET FOR ANY OTHER PUBLIC ROADWAY, AND 10 FEET FOR A PRIVATE ROAD. THE VERTICAL CLEARANCE OVER A RAILROAD IS 23 FEET.
 5. VERTICAL CLEARANCES (V.C.) FOR ROADS/RAILROADS ARE CALCULATED USING THE ELEVATION OF THE ROAD/RAILROAD AT THAT POINT MEASURING VERTICALLY TO THE INTERSECTION OF THE SPECIFIC SURFACE. ROAD ELEVATIONS ARE ESTIMATED.
 6. BASE IS FROM AERIAL PHOTOGRAPHY FLOWN IN 2014.

GENERALIZED TREE PENETRATION DATA

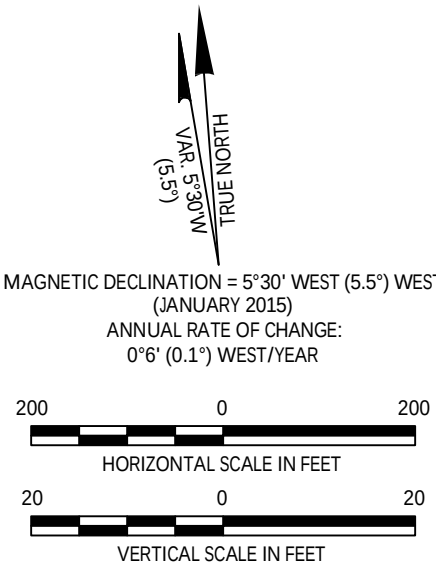
GROUPING	RANGE OF PENETRATION
27	1 FT. - 24 FT.
28	1 FT. - 5 FT.
30	1 FT.
32	1 FT.

LEGEND

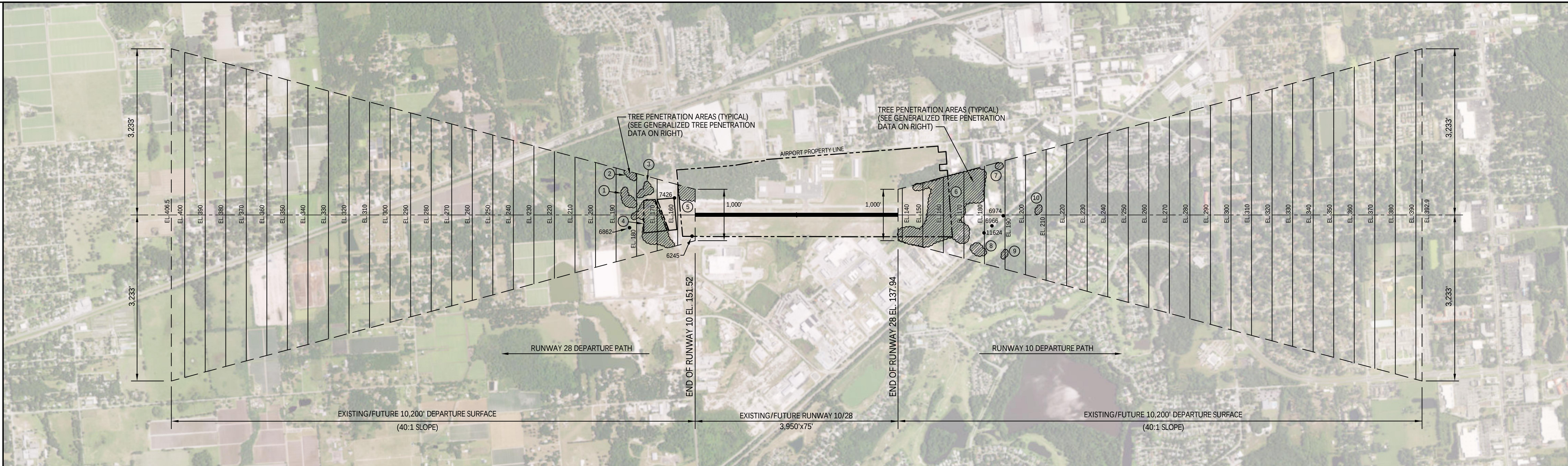
- TREE PENETRATION AREA - APPROACH SURFACE
- TREE PENETRATION AREA - GQS SURFACE
- FUTURE AVIGATION EASEMENT
- PAVEMENT TO BE REMOVED

CFR PART 77
APPROACH SURFACE
ROAD CLEARANCES

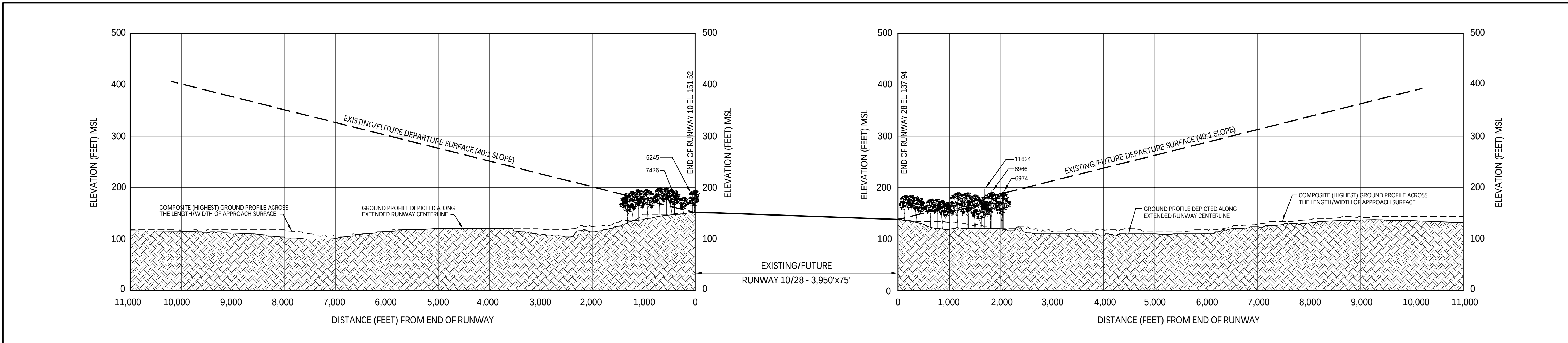
- | | |
|--|---|
| (A) OLD SYDNEY ROAD
EL. 120± (ACTUAL)
V.C.=119' (EX.)
V.C.=78' (FUT.) | (E) RAILROAD TRACK
EL. 124± (ACTUAL)
V.C.=118' (EX.)
V.C.=75' (FUT.) |
| (B) SYDNEY ROAD
EL. 120± (ACTUAL)
V.C.=149' (EX.)
V.C.=95' (FUT.) | (F) SYDNEY ROAD
EL. 123± (ACTUAL)
V.C.=84' (EX.)
V.C.=58' (FUT.) |
| (C) RAILROAD TRACK
EL. 120± (ACTUAL)
V.C.=160' (EX.)
V.C.=102' (FUT.) | (G) RAILROAD TRACK
EL. 123± (ACTUAL)
V.C.=92' (EX.)
V.C.=60' (FUT.) |
| (D) SYDNEY ROAD
EL. 116± (ACTUAL)
V.C.=117' (EX.)
V.C.=78' (FUT.) | |



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RUNWAY 10/28 DEPARTURE SURFACE PLAN VIEW



RUNWAY 10/28 DEPARTURE SURFACE PROFILE VIEW

NOTES:

- LOCAL ZONING IS CODIFIED AND ENFORCED VIA HCAA RESOLUTION 2010-54, AIRPORT ZONING REGULATIONS, UNDER THE PROVISIONS OF CHAPTER 333, FLORIDA STATUTES AND CHAPTER 2003-370, LAWS OF FLORIDA AS ADOPTED ON MARCH 1, 2010 FOR TPA, PCM, TPF AND VDF.
- AIRPORT-INDUSTRIAL DISTRICT "MA-P" ESTABLISHED BY PLANT CITY.
- SEE AIRPORT HEIGHT ZONING MAP "ZONE A".
- BASE MAP IS FROM 7.5" USGS QUADRANGLE MAPS DATED 2014.

GENERALIZED TREE PENETRATION DATA

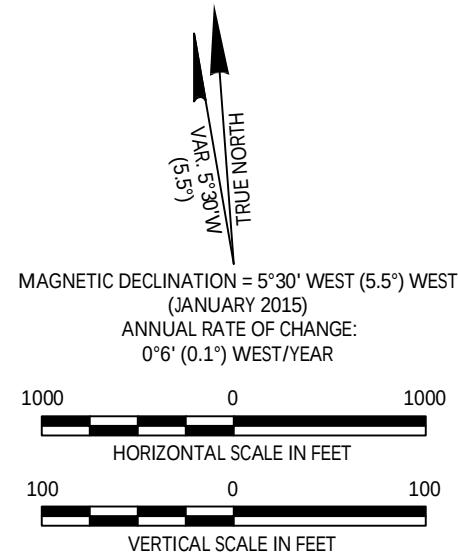
GROUPING	RANGE OF PENETRATION
1	1 FT. - 6 FT.
2	0 FT. - 13 FT.
3	0 FT. - 23 FT.
4	0 FT. - 27 FT.
5	7 FT. - 46 FT.
6	1 FT. - 45 FT.
7	5 FT.
8	3 FT. - 11 FT.
9	1 FT. - 2 FT.
10	1 FT. - 7 FT.

LEGEND
TREE PENETRATION AREA - DEPARTURE SURFACE

OBSTRUCTION DATA TABLE

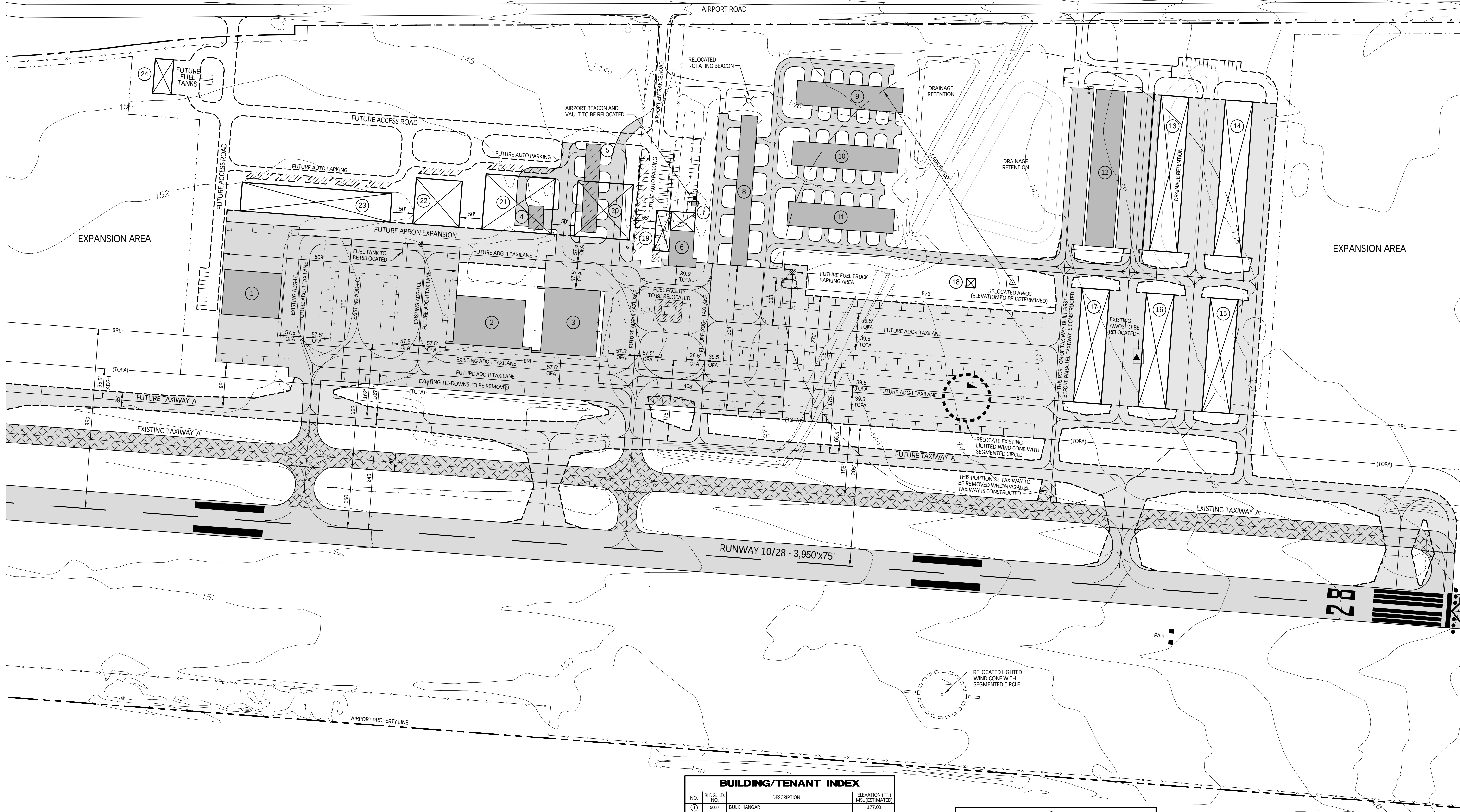
RW End	Object ID No.	Object Description	Object Elevation [MSL]	Departure Surface Penetration (feet)	Existing / Proposed Disposition of Obstruction	RW End	Object ID No.	Object Description	Object Elevation [MSL]	Departure Surface Penetration (feet)	Existing / Proposed Disposition of Obstruction
RW10	6245	POLE	189.08	36.01	LIGHT	RW28	6966	POLE	194.76	11.16	LIGHT
RW10	6862	TREE	193.84	0.40	TRIM OR REMOVE	RW28	6974	POLE	191.96	2.85	LIGHT
RW10	7426	POLE	185.68	24.08	LIGHT	RW28	11624	POLE	197.78	17.99	LIGHT

SOURCE:
OBSTRUCTION SURVEY:
Aerometric, April 3-5, 2014
Compiled by URS, July 2015



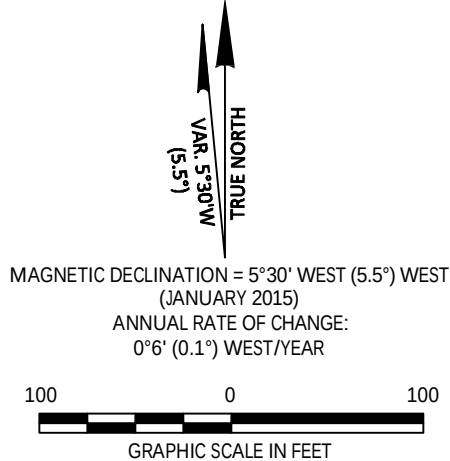
BY	REVISIONS	DATE	PROJECT NAME	SHEET TITLE	HCAA NO.:	FDOT NO.:	DESIGNED:	DRAWN:	CHECKED:	DATE:	Drawing Number:
			MASTER PLAN UPDATE PLANT CITY AIRPORT Plant City, Florida	RUNWAY DEPARTURE SURFACES PLAN AND PROFILE RUNWAY 10/28	6255.14	415760-1	MJK	RJM	MLT	AUGUST 2017	7

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BUILDING/TENANT INDEX			
NO.	BLDG. ID NO.	DESCRIPTION	ELEVATION (FT.) MSL (ESTIMATED)
(1)	5600	BULK HANGAR	177.00
(2)	5200	BULK HANGAR	168.88
(3)	5000	FBO MAINTENANCE HANGAR/BULK HANGAR	162.50
(4)	4800	OPERATIONS AND MAINTENANCE SHOP (TO BE REMOVED)	162.59
(5)	4600	ENCLOSED HANGAR (6 UNITS) (TO BE REMOVED)	162.45
(6)	4200	TERMINAL BUILDING	160.88
(7)	4000	ELECTRICAL VAULT (15'x120')	161.51
(8)	3800	ENCLOSED HANGAR (10 UNITS)	164.07
(9)	3600	ENCLOSED HANGAR (10 UNITS)	163.40
(10)	3200	SHADE HANGAR (10 UNITS)	163.12
(11)	3400	ENCLOSED HANGAR (10 UNITS)	163.35
(12)	2600	ENCLOSED HANGAR (14 UNITS)	160.00
(13)	TBD	FUTURE T-HANGAR (14 UNITS)	TBD
(14)	TBD	FUTURE T-HANGAR (14 UNITS)	TBD
(15)	TBD	FUTURE T-HANGAR (10 UNITS)	TBD
(16)	TBD	FUTURE T-HANGAR (10 UNITS)	TBD
(17)	TBD	FUTURE T-HANGAR (10 UNITS)	TBD
(18)	TBD	FUTURE ELECTRICAL VAULT	TBD
(19)	TBD	FUTURE TERMINAL EXPANSION	TBD
(20)	TBD	FUTURE HANGAR (120'x120')	TBD
(21)	TBD	FUTURE HANGAR (150'x120')	TBD
(22)	TBD	FUTURE HANGAR (100'x100')	TBD
(23)	TBD	FUTURE HANGAR (5 UNITS)	TBD
(24)	TBD	FUTURE AIRPORT MAINTENANCE FACILITY (75'x40')	TBD

LEGEND		
ITEM	EXISTING	FUTURE
AIRPORT PROPERTY LINE	---	N/A
AIRFIELD PAVEMENT	---	---
ROADS & PARKING	---	---
BUILDINGS	■	■
FENCE	xx-xx-xx	xx-xx-xx
TAXIWAY OBJECT FREE AREA	N/A	(TOFA)
BUILDING RESTRICTION LINE	BRL	BRL
PAVEMENT TO BE REMOVED	N/A	■
AWOS CRITICAL AREA	N/A	■
PAPI	■	N/A
REIL	●	N/A
THRESHOLD LIGHTS	●●●●	N/A
WIND SOCK	⌈	⌈
ROTATING BEACON	⌈	⌈
AWOS	■	■



DESIGNED: MJK	DRAWN: RJM	CHECKED: MLT	DATE: AUGUST 2017
DRAWING NUMBER: 08			
PROJECT NAME: MASTER PLAN UPDATE PLANT CITY AIRPORT Plant City, Florida			
SHEET TITLE: TERMINAL AREA DRAWING			
HCAA NO.: 6255.14 FDOT NO.: 415760-1			
BY: [REDACTED]			
DATE: [REDACTED]			
REVISIONS: [REDACTED]			
URS Corporation 7550 West Country Tampa, FL 33607-5462			
Michael Baker INTERNATIONAL			
Tampa International Airport			

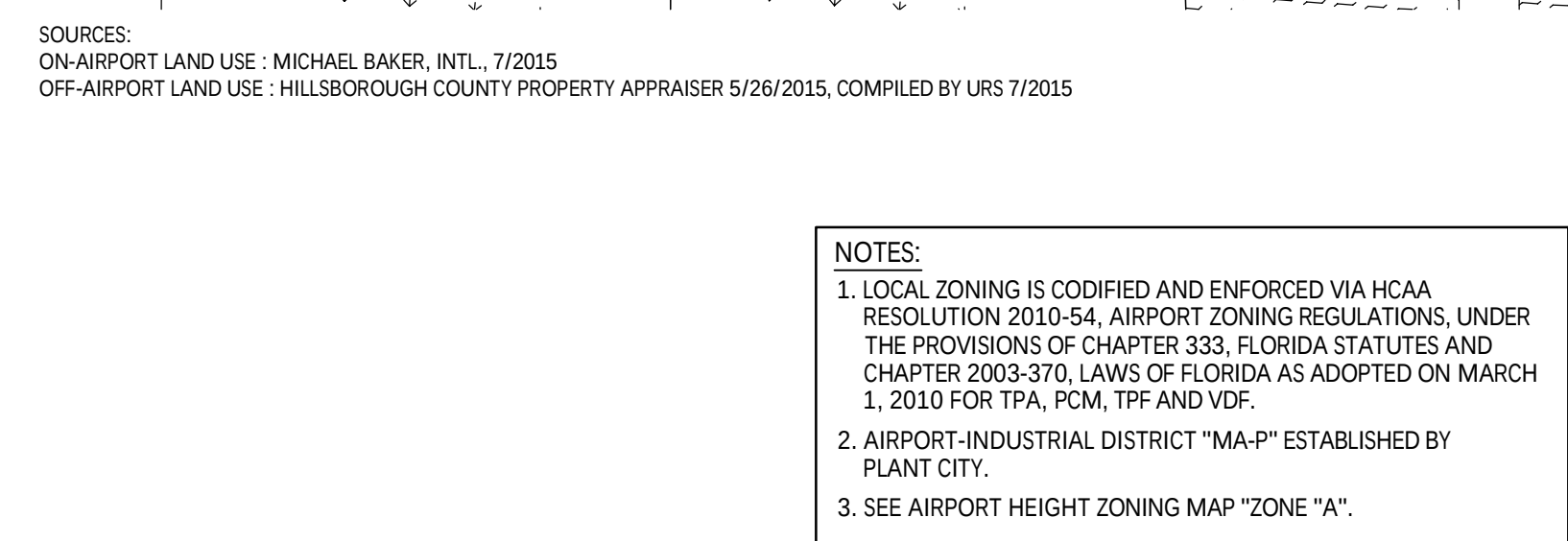


Diagram illustrating magnetic declination and a horizontal scale:

- Vertical line with labels: TRUE NORTH, MAG. S. POLE, and (5°30' WEST (JANUARY 2015)).
- Text: ANNUAL RATE OF CHANGE: 0°6' (0.1°) WEST/YEAR.
- Horizontal scale in feet: 300, 0, 300.