

# Complete ALP Diagrams

St. Johns County Airport Authority



# Airport Layout Plan

## ST. AUGUSTINE AIRPORT (SGJ)



Prepared For:  
**The St. Augustine - St. Johns County  
 Airport Authority**



Prepared By:  
**Passero Associates**

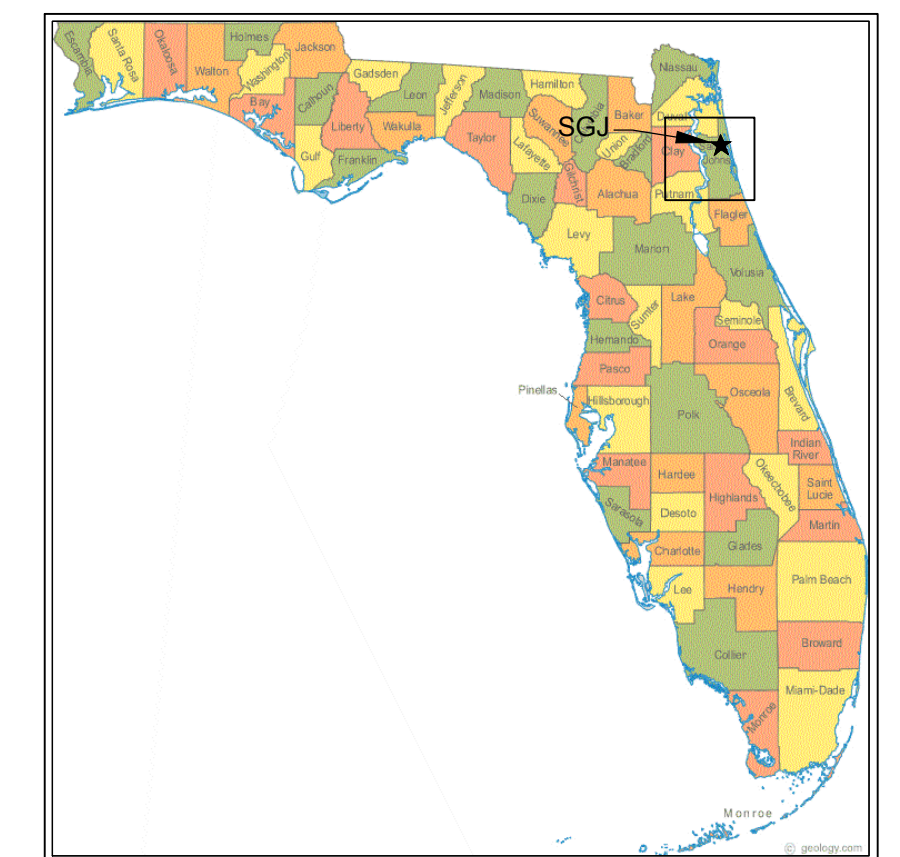


Updated February, 2020  
 FAA AIP Grant#: 3-12-0073-039-2016  
 FDOT Grant #: 428840-1-94-16

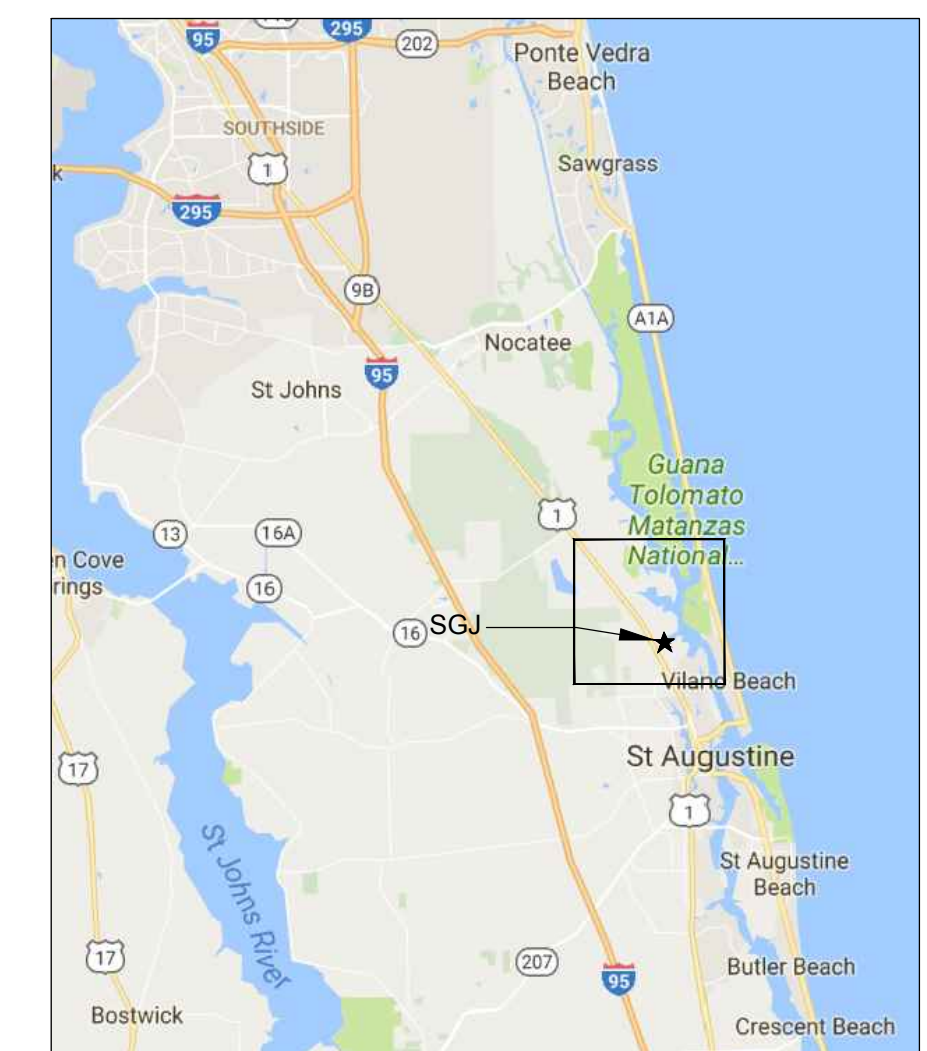
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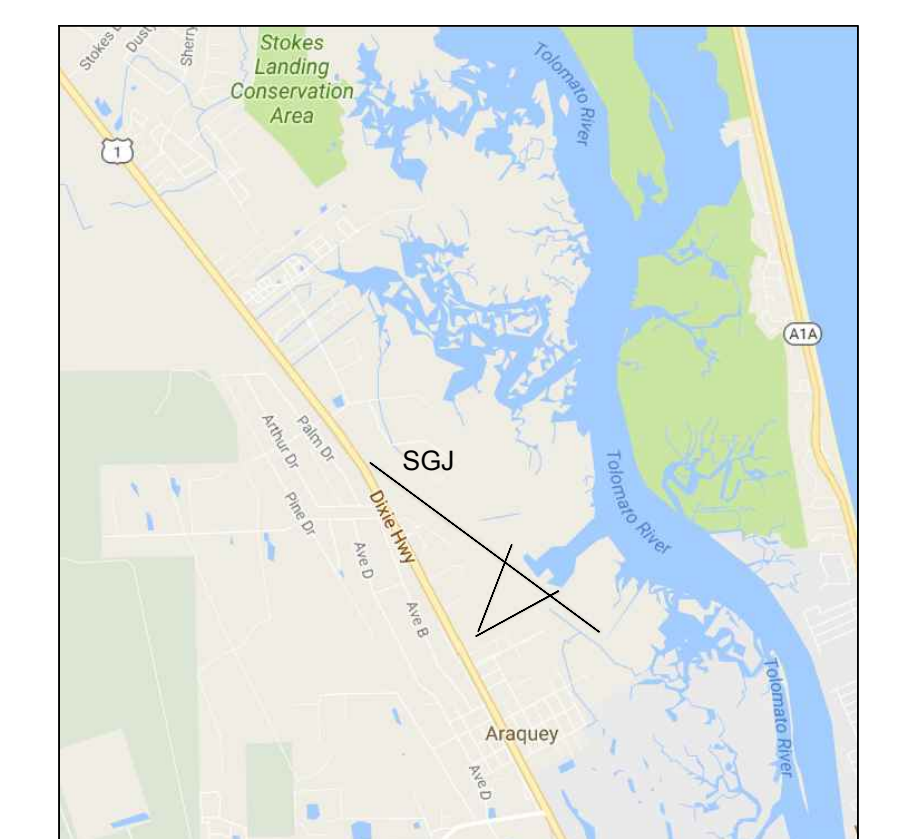
### STATE MAP



### VICINITY MAP



### LOCATION MAP



RUNWAY DATA	RUNWAY DATA TABLE													
	Runway 2/20				Runway 6/24				Runway 13/31				Runway 13R-31L	
	Existing		Ultimate		Existing		Ultimate		Existing		Ultimate		Ultimate	
	Runway 2	Runway 20	Runway 2	Runway 20	Runway 6	Runway 24	Runway 6	Runway 24	Runway 13	Runway 31	Runway 13	Runway 31	Runway 13R	Runway 31L
Runway Design Code (RDC)	A/B-I Small-VIS		SAME		A/B-I Small-VIS		B-II-5000		C-III-2400		D-IV-2400		A/B-I Small	A/B-I Small
Runway Approach Reference Code (APRC)	B-I-VIS	B-I-VIS	Same	Same	B-I-VIS	B-I-VIS	B-II-5000	B-II-5000	D-IV-2400; D-V-2400	D-IV-2400; D-V-2400	Same	Same	A/B-I-VIS	A/B-I-VIS
Runway Departure Reference Code (DPRC)	B-I (S)	B-I (S)	Same	Same	B-I (S)	B-I (S)	B-II	B-II	D-IV	D-IV	Same	Same	A/B-I (S)	A/B-I (S)
True Bearing	21-2-17.53 N		Same		61-52-52.99 N		SAME		126-18-34.62 N		Same		Same	Same
Critical Aircraft	Cessna 172		Same		Cessna 172		Beech 200 Super King Air		Boeing 737		Boeing 757		Cessna 172	
<b>Pavement Strength &amp; Material Type</b>														
Strength by Wheel Loading (Single Wheel) lbs	100,000		Same		46,500		Same		100,000		Same		100,000	
Strength by Wheel Loading (Dual Wheel) lbs	203,500		Same		85,000		Same		280,000		Same		203,500	
Strength by Wheel Loading (Dual Tandem) lbs	N/A		Same		N/A		Same		560,000		Same		N/A	
Strength by Wheel Loading (Dual Double Tandem) lbs	N/A		Same		N/A		Same		1,120,000		Same		N/A	
Strength by PCN	53 /F/A/X/T		Same		19 /F/A/X/T		Same		126 /F/A/W/T		Same		53 /F/A/X/T	
Surface Type-Condition	ASPH-E		Same		ASPH-E		Same		ASPH-G		Same		ASPH-E	
Surface Treatment	N/A		Same		N/A		Same		N/A		Same		N/A	
Effective Runway Gradient (%)	0.100%		Same		0.100%		Same		0.041%		Same		0.100%	
Runway Dimensions	2,609' x 75'		Same		2,701' x 60'		3,700' x 75'		8,001' x 150'		Same		3,200' x 75'	
<b>Displaced Threshold Coordinates (NAD 83)</b>														
Latitude	N/A	N/A	Same	Same	N/A	N/A	Same	Same	29-57-56.52 N	29-57-20.53 N	Same	Same	N/A	N/A
Longitude	N/A	N/A	Same	Same	N/A	N/A	Same	Same	81-20-52.87 W	81-19-56.64 W	Same	Same	N/A	N/A
Elevation	N/A	N/A	Same	Same	N/A	N/A	Same	Same	9.55'	5.95'	Same	Same	N/A	N/A
<b>Runway End Coordinates (NAD 83)</b>														
Latitude	29-57-16.09 N	29-57-40.20 N	Same	Same	29-57-14.33 N	29-57-26.94 N	Same	29-57-31.61	29-58-02.71 N	29-57-15.80 N	Same	Same	29-57-32.32 N	29-57-13.56 N
Longitude	81-20-27.79 W	81-20-17.14 W	Same	Same	81-20-28.60 W	81-20-01.53 W	Same	81-19-51.51	81-21-02.54 W	81-19-49.26 W	Same	Same	81-22-11.19 W	81-21-41.87 W
Runway End Elevation	9.14'	5.47'	Same	Same	9.63'	5.88'	Same	5.88' (EST.)	9.52'	5.67'	Same	Same	35.00' (EST.)	31.00' (EST.)
Runway Lighting Type	MIRL		Same		MIRL		Same		HIRL	HIRL	Same	Same	MIRL	
Runway Marking Type	Basic-F		Same		Basic-F		NPI		PIR-G	PIR-G	Same	Same	Basic-G	Basic-G
14 CFR Part 77 Approach Category	20:1	20:1	Same	Same	20:1	20:1	Same	Same	NPI (34:1)	PIR (50:1)	Same	Same	20:1	20:1
Visibility Minimums	Visual	Visual	Same	Same	Visual	Visual	Not Lower than 1 Mile	Not Lower than 1 Mile	Not Lower than 1 Mile	Lower than 3/4 Mile	Same	Same	Visual	Visual
Type of Aeronautical Survey Required	NVGS	NVGS	Same	Same	NVGS	NVGS	Same	Same	VGS	VGS	Same	Same	NVGS	NVGS
Runway Departure Surface Required	No	No	Same	Same	No	No	Yes (40:1)	Yes (40:1)	Yes (40:1)	Yes (40:1)	Same	Same	No	No
<b>Runway Object Free Area (ROFA)</b>														
Width	250'	250'	Same	Same	250'	250'	500'	500'	800'	800'	Same	Same	250'	250'
Length Prior to Threshold	240'	240'	Same	Same	240'	240'	300'	300'	600'	600'	Same	Same	240'	240'
Length beyond Runway End	240'	240'	Same	Same	240'	240'	300'	300'	1000'	1000'	Same	Same	240'	240'
<b>Runway Safety Area (RSA)</b>														
Width	120'	120'	Same	Same	120'	120'	150'	150'	500'	500'	Same	Same	120'	120'
Length prior to Threshold	240'	240'	Same	Same	240'	240'	300'	300'	600'	600'	Same	Same	240'	240'
Length beyond Runway End	240'	240'	Same	Same	240'	240'	300'	300'	1000'	1000'	Same	Same	240'	240'
Obstacle Free Zone (OFZ) Width	250'		Same		250'		400'		400'		Same		250'	
Precision Obstacle Free Zone (POFZ)	N/A		Same		N/A		Same		N/A	Yes (800' x 200')	Same	Same	N/A	
Threshold Siting Surface (TSS)	20:1	20:1	Same	Same	20:1	20:1	20:1	20:1	20:1	20:1	Same	Same	20:1	20:1
Penetrations to TSS	Yes	No	Same	Same	Yes	No	Yes	No	Yes	Yes	Same	Same	N/A	N/A
Visual and Instrument NAVAIDS	None	None	Same	Same	2-Light PAPI	N/A	Same	GPS, 4-Light PAPI	GPS, 4-Light VASI, VOR	GPS, 4-Light PAPI, ILS, MALSR	Same	Same	None	None
Touchdown Zone Elevation (TDZE)	9.3'	9.3'	Same	Same	9.7'	9.7'	Same	N/A	9.8'	7.5'	Same	Same	N/A	N/A
Horizontal/Vertical Datum	NAD 83/NAVD 88													

Runway End	DECLARED DISTANCE TABLE							
	EXISTING				ULTIMATE			
	TORA	TODA	ASDA	LDA	TORA	TODA	ASDA	LDA
2	2610'	2610'	2610'	2610'	Same	Same	Same	Same
20	2610'	2610'	2610'	2610'	Same	Same	Same	Same
6	2701'	2701'	2701'	2701'	3,700'	3,700'	3,700'	3,700'
24	2701'	2701'	2701'	2701'	3,700'	3,700'	3,700'	3,700'
13	8001'	8001'	7202'	6144'	Same	Same	Same	Same
31	8001'	8001'	6730'	5925'	Same	Same	Same	Same
13R	N/A	N/A	N/A	N/A	3,200'	3,200'	3,200'	3,200'
31L	N/A	N/A	N/A	N/A	3,200'	3,200'	3,200'	3,200'

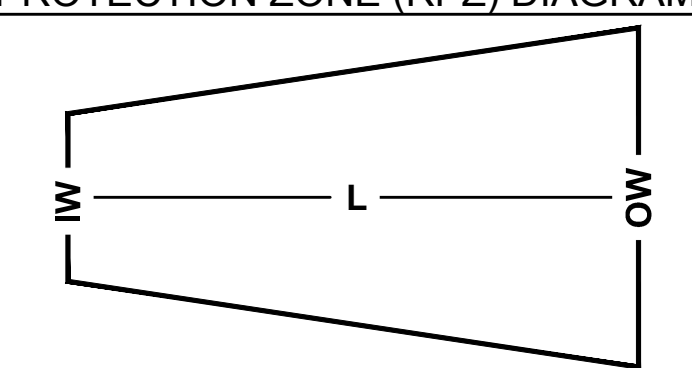
AIRPORT DATA TABLE		
AIRPORT DATA	EXISTING	ULTIMATE
Airport Elevation (MSL)	10'	35'
Airport Reference Point (ARP NAD 83)		
Latitude	29-57-33.31 N	29-57-33.77
Longitude	81-20-23.04 W	81-20-22.01
Mean Max Temperature of Hottest Month	July, 91.9°F	N/A
Airport Terminal Area NAVAIDS	VOR/DME, NDB, ILS	SAME
Airport Reference Code (ARC)	C-III	D-IV
Critical Aircraft	Boeing 737	Boeing 757
Taxiway Design Group	TDG III	TDG V
Misc. Facilities	AWOS	SAME
Magnetic Variation	6° 33' W changing by 0° 5' W per year	6° 46' W changing by 0° 5' W per year
Date of Magnetic Declination	March 17, 2017	N/A
NPIAS Service Level	General Aviation	SAME
State Equivalent Service Level	Primary	SAME
Airport Identifier	SGJ	SAME

MODIFICATION OF DESIGN STANDARDS					
NO.	STANDARD MODIFIED	FAA REGULATION	EXISTING CONDITIONS	PROPOSED ACTION	DATE OF FAA APPROVAL

**NOTES**

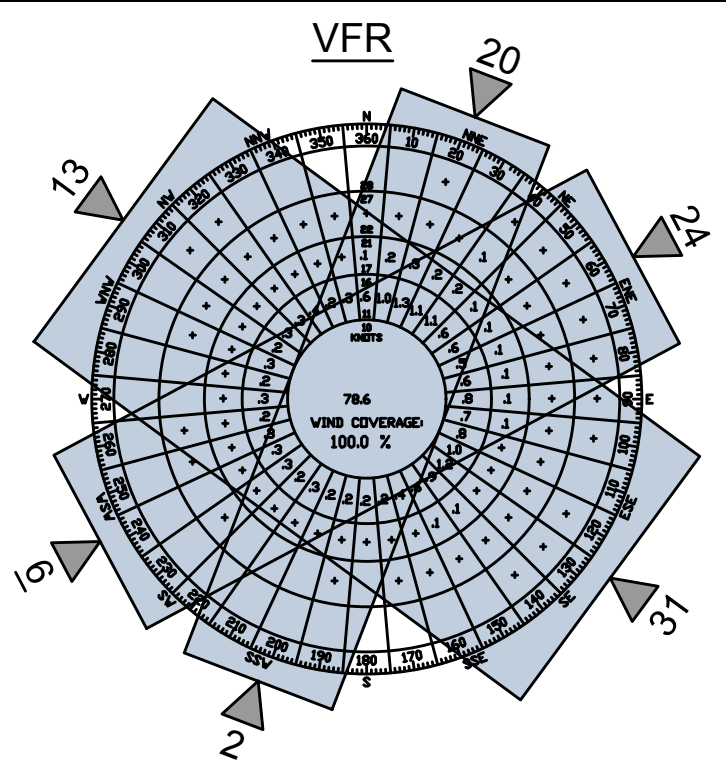
- Coordinates and elevations for ARP, runway ends, and displaced thresholds have been obtained from the 2016 Quantum Spatial Inc. survey. Please note that the coordinates and elevation values are different from the published values on the FAA 5010. Therefore, the FAA 5010 for SGJ needs to be updated at the completion of this Master Plan Update.
- Please refer to the Inner Portion of the Approach Plan and Profile Sheets for details on the disposition of obstacles penetrating threshold siting surfaces.
- Runways 2-20 and 6-24 will have to be changed to 3-21 and 7-25 during the 20 year planning period due to the change in magnetic declination.
- Wind data obtained from the National Oceanic and Atmospheric Administration (NOAA), via the FAA wind data page. 10 years of wind data was used from the time period of 2007-2016.
- Estimated elevations for Runway 13R-31L were obtained using Google Earth. Please note that a further obstruction study will need to be performed prior to constructing the runway.
- Taxiway width was obtained from data provided by the 2016 Quantum Spatial, Inc. survey. Taxiway-Taxiway separation is included on Terminal Area Drawings, as applicable.
- All latitude/longitude coordinates are in the NAD 83, Florida East State Plane Coordinate System. All Elevations listed/shown throughout this drawing set are set to the NAVD 88 datum.
- Fixed or Moveable Object Free Area is half of the Taxiway Object Free Area (TOFA) per the AC 150/5300-13A Airport Design. As such, only the TOFA will be shown on the drawings, where applicable, to reduce clutter.
- Although the highest TDG category is V based on the largest airfield geometries (i.e., Taxiways A and B measure 75' wide), the critical aircraft is an ADG III based on 2018 TFMSC data. Therefore, the existing Airport TDG category is III and the future TDG category is proposed to be V.
- Runway to taxiway separation dimensions are shown on the terminal area plans, to avoid clutter on the drawing.
- Threshold Siting Surfaces are in accordance with Engineering Brief No. 99. Obstruction mitigation is identified on the plan and profile drawings within this ALP drawing set.

**RUNWAY PROTECTION ZONE (RPZ) DIAGRAM**

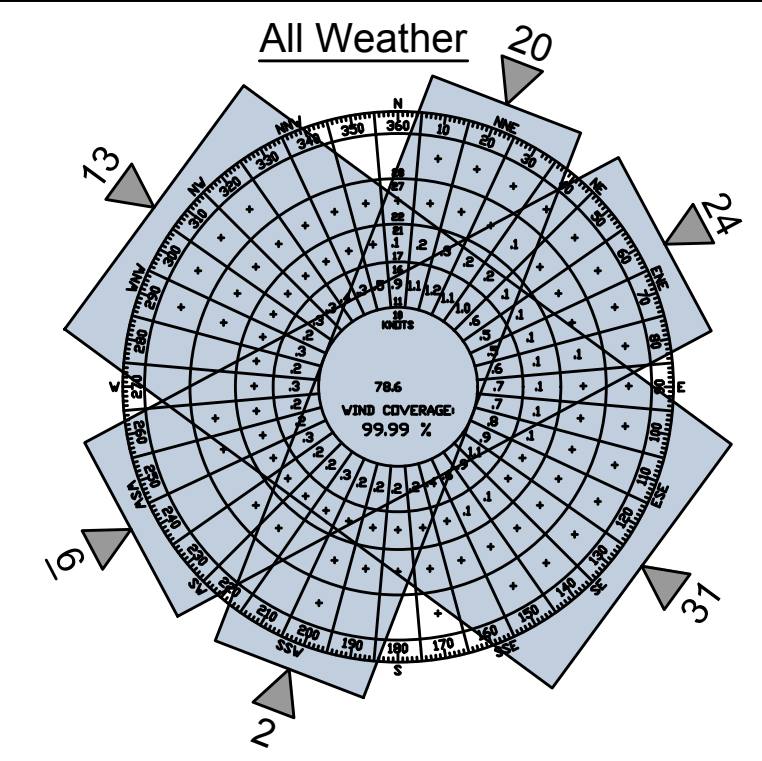


	Runway Protection Zone (RPZ) Table									
	Runway 2/20		Runway 6/24		Runway 13/31		Runway 13R-31L (ULT.)			
	Runway 2	Runway 20	Runway 6	Runway 24	Ultimate Runway 6	Ultimate Runway 24	Runway 13	Runway 31	Runway 13R	Runway 31L
Inner Width (IW)	250'	250'	250'	250'	500'	500'	500'	1000'	250'	250'
Outer Width (OW)	450'	450'	450'	450'	700'	700'	1010'	1750'	450'	450'
Length (L)	1000'	1000'	1000'	1000'	1000'	1000'	1700'	2500'	1000'	1000'

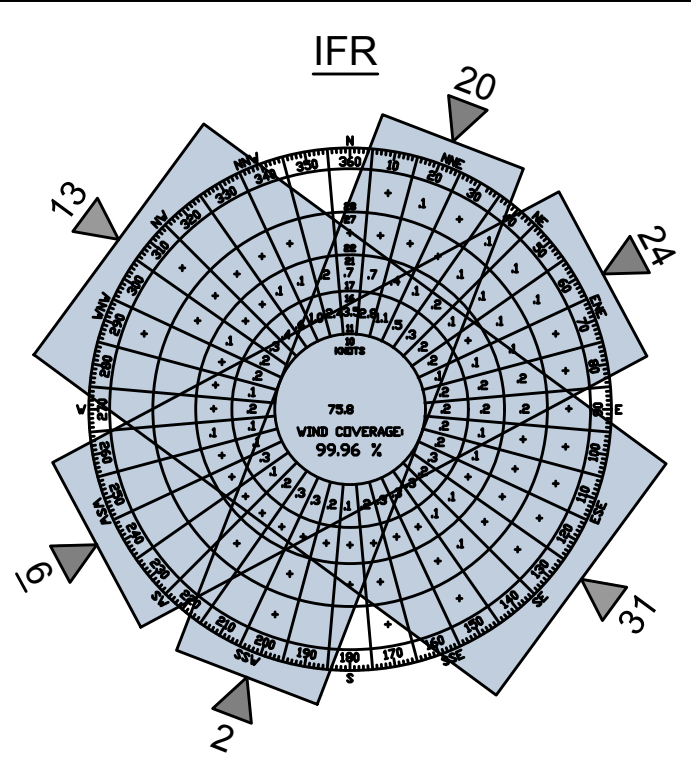
Taxiway Data Table																	
Taxiway Name	A	A1	A2	A3	B	B1	B2	B4	B5	B6	D	D2	D3	D4	E	F	G
Taxiway Design Group (TDG)	5																
Taxiway Width	75'	88'	53'	75'	75'	121', 221'	238'	93'	105'	106'	40'	40'	40'	40'	30'	50'	50'
Taxiway Safety Area	171'				171'		118'	171'				49'		49'		49'	49'
Taxiway and Taxiway Object Free Area	259'				259'		186'	259'				89'		89'		89'	89'
Taxiway Lighting	MITL																



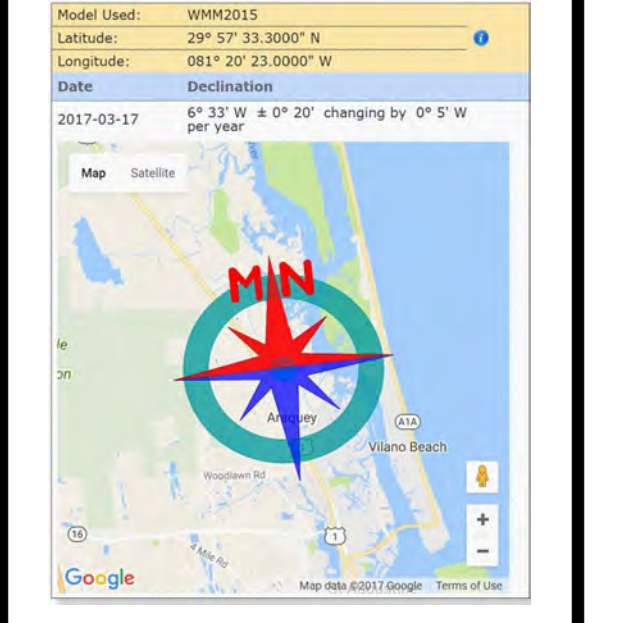
VFR Weather (Ceiling > 1000 feet; Visibility > 3 Statute Miles)				
Runway	10.5 kt	13 kt	16 kt	20 kt
Runway 13-31	89.90%	94.19%	98.31%	99.59%
Runway 2-20	90.47%	94.96%	N/A	N/A
Runway 6-24	90.95%	95.65%	N/A	N/A
Runway 13-31/2-20	98.61%	99.65%	99.89%	99.98%
Runway 13-31/6-24	97.57%	99.35%	99.87%	99.99%
<b>All Runways</b>	<b>99.90%</b>	<b>99.99%</b>	<b>100.00%</b>	<b>100.00%</b>



All Weather				
Runway	10.5 kt	13 kt	16 kt	20 kt
Runway 13-31	86.64%	94.05%	98.17%	99.51%
Runway 2-20	90.84%	95.08%	N/A	N/A
Runway 6-24	90.40%	95.28%	N/A	N/A
Runway 13-31/2-20	98.53%	99.55%	99.84%	99.96%
Runway 13-31/6-24	97.04%	99.15%	99.80%	99.96%
<b>All Runways</b>	<b>99.86%</b>	<b>99.79%</b>	<b>99.99%</b>	<b>100.00%</b>



IFR Weather (Ceiling between 250 feet and 1000 feet; Visibility between 3/4 and 3 Statute Miles)				
Runway	10.5 kt	13 kt	16 kt	20 kt
Runway 13-31	86.18%	92.22%	96.87%	98.98%
Runway 2-20	93.45%	95.89%	N/A	N/A
Runway 6-24	84.96%	91.94%	N/A	N/A
Runway 13-31/2-20	97.86%	98.73%	99.42%	99.87%
Runway 13-31/6-24	92.25%	97.44%	99.32%	99.86%
<b>All Runways</b>	<b>99.51%</b>	<b>99.88%</b>	<b>99.99%</b>	<b>100.00%</b>



Client:  
**St. Augustine-St. Johns County Airport Authority**  
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 Project Manager: Lisa Cheung  
 Designed by: Chris Johnson

Revisions			
No.	Date	By	Description

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Airport Layout Plan Update  
 Airport Data Sheet  
 Northeast Florida Regional Airport

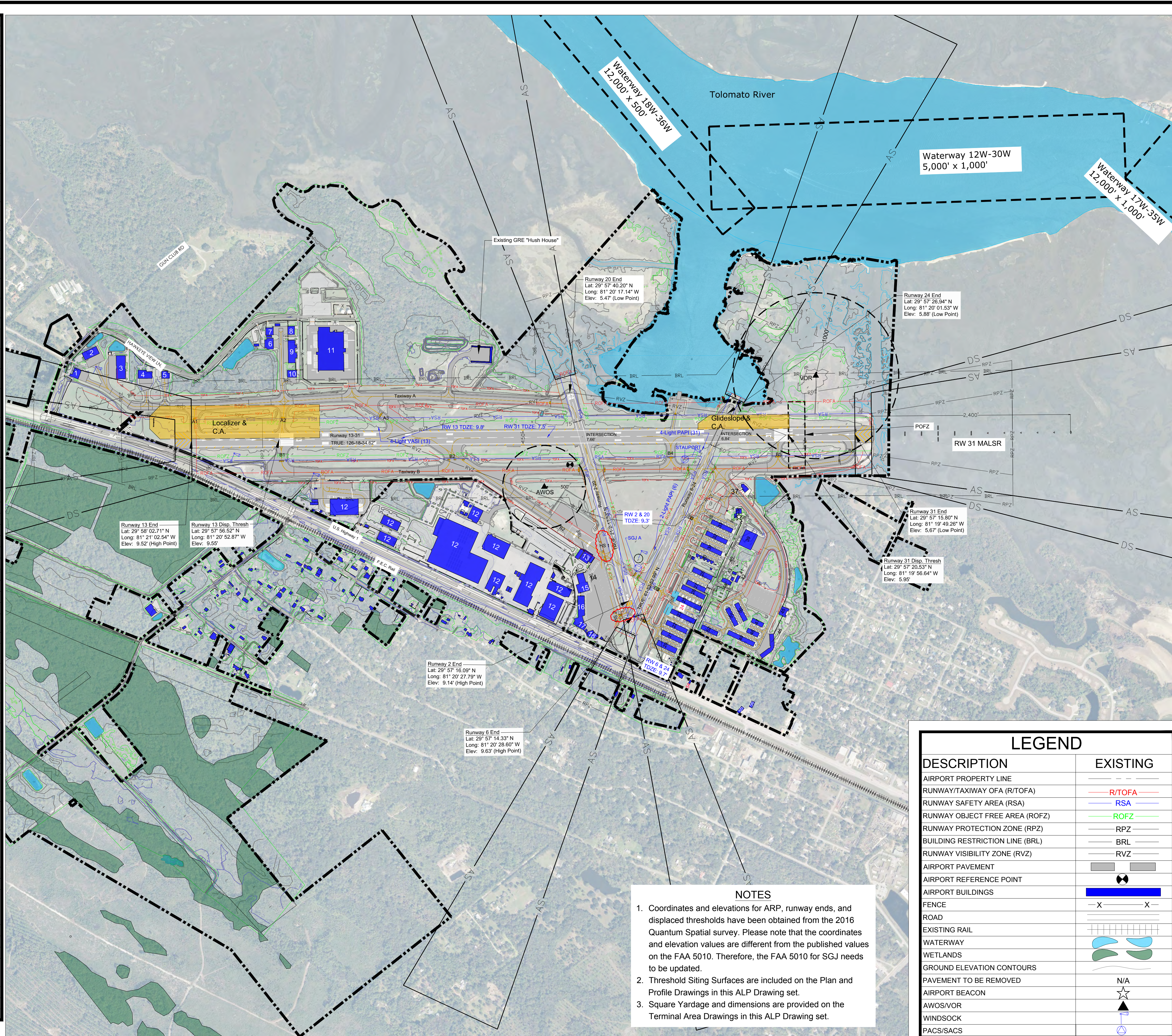
Town/City: City of St. Augustine  
 County: St. Johns State: Florida

Project No. **23081.70**

Drawing No. **Sheet 2**

Date **February 2020**

NFRA Facilities				
Bldg. #	Facility	Approximate Size	Condition	Elevation (MSL)
1	Corporate Hangar (Infinity Aviation Co Inc)	Hangar: 10,575 sf Office: 1,128 sf	Good	45.1
2	Corporate Hangar (Ring Power Aviation)	Hangar: 16,368 sf Office: 3,582 sf	Good	44.9
3	Corporate Hangar (Roberts Aviation)	Hangar: 25,488 sf Office: 4,000 sf	Good	47.7
4	Corporate Hangar (Scott Lagasse Racing)	Hangar: 14,639 sf Office: 950 sf	Fair	43
5	Corporate Hangar (Florida Army National Guard)	Hangar: 4,536 sf Office: 3,168 sf	Fair	40.7
6	Corporate Hangar (Southeast Aero Services Inc.)	Hangar: 12,608 sf Office Trailer: 1,440 sf	Fair	38.3
7	Corporate Hangar (Southeast Aero Services Inc.)	Hangar: 7,863 sf Office Trailers: 2,880 sf	Fair	38.02
8	Corporate Hangar (Patty Wagstaff Aerobatic School - Southeast Aero Services Inc.)	Hangar: 7,273 sf Office: 1,127 sf	Fair	37.5
9	Corporate Hangar 8-9-10 (Southeast Aero Services Inc. - Roberts Aviation - Vno Air)	Hangar: 22,304 sf Office: 1,862 sf	Fair	45.2
10	Corporate Hangar (Regency Aviation)	Hangar: 8,839 sf Office: 735 sf	Fair	36.4
11	Northrop-Grumman North Complex	~	~	65.5
12	Northrop-Grumman South Complex	~	~	28-75
13	Airline Terminal	23,305 sf	Excellent	38.9
14	Maintenance Shop Hangar (Atlantic Aviation)	Hangar: 8,000 sf Office: 1,600 sf	Poor	40.1
15	Aircraft Storage Hangar (Atlantic Aviation)	Hangar: 12,600 sf Office: 1,995 sf	Poor	40.1
16	Shade/Canopy Hangar (Atlantic Aviation)	19,778 sf	Good	47.5
17	Aircraft Sales/Storage Hangar & Offices (PGA) (Florida Aviation Career Training)	Hangar: 10,404 sf Office: 7,512 sf	Good/Fair	47.8
18	GA Terminal Building (Atlantic Aviation - Rent-a-Car)	9,489 sf	Good/Fair	48.1
19	Line Service Building (Atlantic Aviation)	704 sf	Poor	26.6
20	"A" T-Hangar (10 Units)	15,372 sf	Poor	28.02
21	"B" T-Hangar (10 Units)	15,576 sf	Poor	26.5
22	"C" T-Hangar (11 Units)	13,770 sf	Poor	25.7
23	"D" T-Hangar (12 Units)	17,479 sf	Good	29.17
24	Port-A-Ports (6 Units)	1,872 sf each	Poor	-
25	"E" T-Hangar (12 Units)	17,479 sf	Good	28.92
26	"G" Box Hangar (6 Units)	15,900 sf	Fair	35.79
27	"H" Box Hangar (4 Units)	13,515 sf	Fair	36.01
28	"I" Box Hangar (4 Units)	14,014 sf	Fair	36.7
29	Airport Maintenance Building	~ 900 sf	Poor	23.2
30	"J" Port-A-Ports (5 Units)	5,550 sf	Poor	21.5
31	"K" T-Hangar (12 Units)	13,872 sf	Fair	28.01
32	"L" T-Hangar (12 Units)	13,872 sf	Fair	28
33	"M" T-Hangar (12 Units)	13,872 sf	Fair	28
34	Self-Service Fuel Farm	Two Above Ground Tanks	Good	-
35	Electric Vault Building	1,144 sf	Fair	25.04
36	Customs Building (U.S. Customs & Border Protection)	3,000 sf	Fair	30.5
37	Airport Rescue & Firefighting Facility (ARFF)	5,046 sf	Good	35.5
38	Air Traffic Control Tower (ATCT)	5,549 sf	Fair	100.1
39	Corporate Hangar (Nimbus Aviation)	Hangar: 32,890 sf Office: 1,650 sf	Good	57.2
40	Fuel Farm	Four Above Ground Tanks	Good	-
41	Green House	~ 1,500 sf	Fair	23.4
42	Maintenance Shed	~ 2,500 sf	Fair	25.5
43	Maintenance Garage	~ 1,200 sf	Fair	26.3
44	Maintenance Warehouse & Office	Warehouse: 5,571 sf Office: 861 sf	Fair	27.4
45	Conference Center (Florida Flyers European US Flight School, Inc.)	16,760 sf	Good	48.03
46	Corporate Hangar (Jacksonville Aviation, INC dba Premier Aviation & Old City Helicopter Sales LLC)	Hangar: 14,000 sf Office: 1,602 sf	Good	40.5
47	"N" Box Hangar (3 Units)	7,800 sf	Good	29.3
48	"O" T-Hangar (6 Units)	7,800 sf	Good	26.1
49	"P" Box/T-Hangar (3/7 Units)	Box Hangars: 9,360 sf T-Hangar: 8,840 sf	Good	29.5
50	"Q" T-Hangar (10 Units)	12,064 sf	Good	26.7
51	"R" T-Hangar (10 Units)	12,064 sf	Good	25.9
52	"S" T-Hangar (9 Units)	11,024 sf	Good	26.5
53	St. Augustine St. Johns County Airport Authority Administration Building	3,696 sf	Fair	19.8
54	Quonset Hut	756 sf	Fair/Poor	-
55	Civil Air Patrol Building	3,508 sf	Poor	30
56	Civil Air Patrol Building	2,473 sf	Poor	28



**NOTES**

- Coordinates and elevations for ARP, runway ends, and displaced thresholds have been obtained from the 2016 Quantum Spatial survey. Please note that the coordinates and elevation values are different from the published values on the FAA 5010. Therefore, the FAA 5010 for SGJ needs to be updated.
- Threshold Siting Surfaces are included on the Plan and Profile Drawings in this ALP Drawing set.
- Square Yardage and dimensions are provided on the Terminal Area Drawings in this ALP Drawing set.

LEGEND	
DESCRIPTION	EXISTING
AIRPORT PROPERTY LINE	---
RUNWAY/TAXIWAY OFA (R/TOFA)	---
RUNWAY SAFETY AREA (RSA)	---
RUNWAY OBJECT FREE AREA (ROFZ)	---
RUNWAY PROTECTION ZONE (RPZ)	---
BUILDING RESTRICTION LINE (BRL)	---
RUNWAY VISIBILITY ZONE (RVZ)	---
AIRPORT PAVEMENT	---
AIRPORT REFERENCE POINT	---
AIRPORT BUILDINGS	---
FENCE	---
ROAD	---
EXISTING RAIL	---
WATERWAY	---
WETLANDS	---
GROUND ELEVATION CONTOURS	---
PAVEMENT TO BE REMOVED	N/A
AIRPORT BEACON	---
AWOS/VOR	---
WINDSOCK	---
PACS/SACS	---

**PA**  
PASSERO ASSOCIATES  
engineering architecture

0 600 1200 Feet

Client:  
**St. Augustine-St. Johns County Airport Authority**  
4900 U.S. Highway 1, North  
St. Augustine, FL 32095

**Passero Associates**  
4730 Casa Cole Way, Suite 200  
St. Augustine, FL 32095  
Principal-in-Charge: Andrew M. Holesko  
Project Manager: Lisa Cheung  
Designed by: Chris Johnson

Revisions

No.	Date	By	Description

Unauthorized use of this drawing is in violation of Florida Administrative Code 61G15-27.001 and Florida Statute 471.033(1). THESE PLANS ARE COPYRIGHT PROTECTED (C)

Airport Layout Plan Update  
Existing Facilities Drawing

**Northeast Florida Regional Airport**

Town/City: City of St. Augustine  
County: St. Johns State: Florida

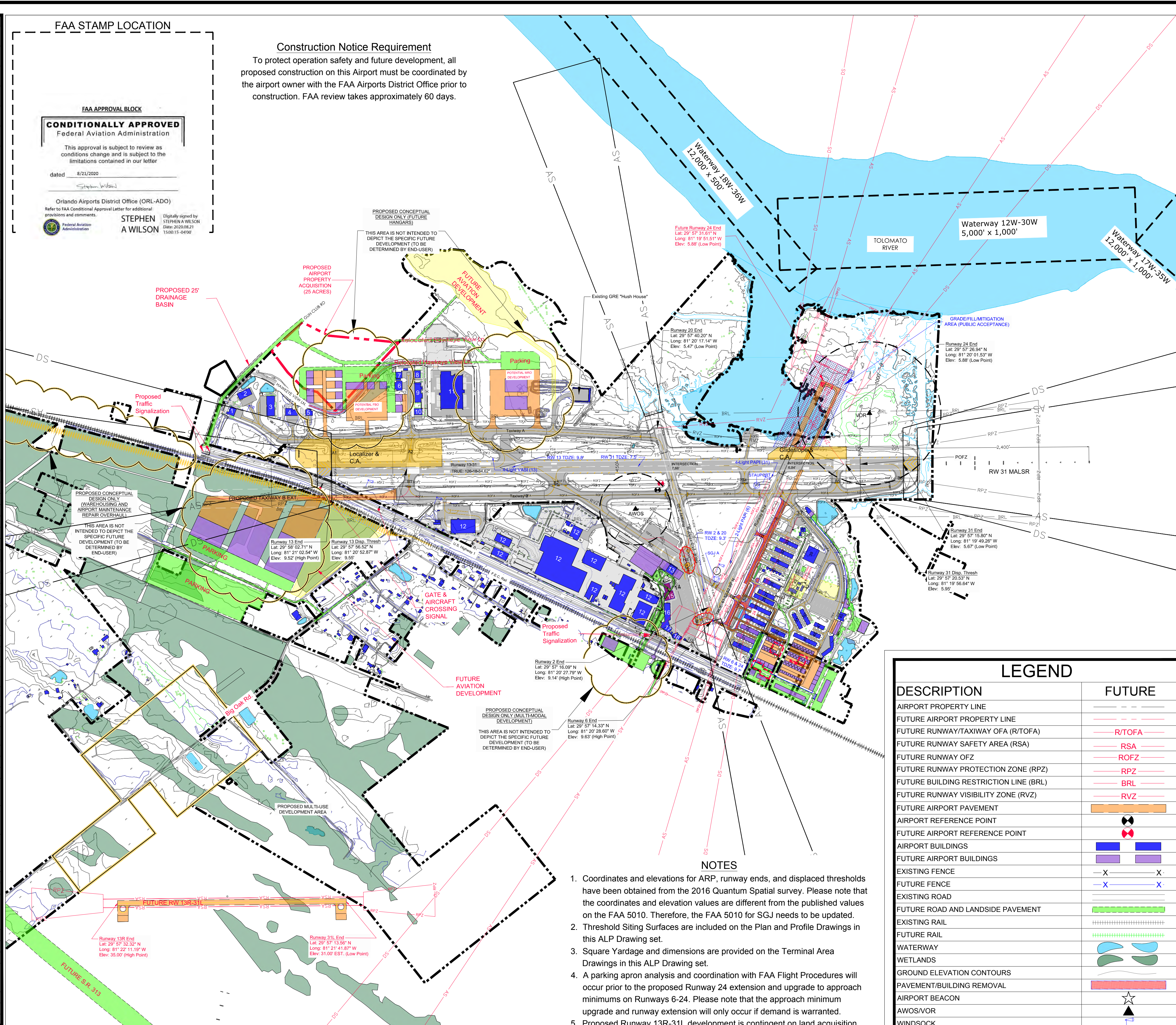
Project No. **23081.70**

Drawing No. **Sheet 3**

Date **February 2020**



NFRA Facilities				
Bldg. #	Facility	Approximate Size	Condition	Elevation (MSL)
1	Corporate Hangar (Infinity Aviation Co Inc)	Hangar: 10,575 sf Office: 1,128 sf	Good	45.1
2	Corporate Hangar (Ring Power Aviation)	Hangar: 16,368 sf Office: 3,582 sf	Good	44.9
3	Corporate Hangar (Roberts Aviation)	Hangar: 25,488 sf Office: 4,000 sf	Good	47.7
4	Corporate Hangar (Scott Lagasse Racing)	Hangar: 14,639 sf Office: 950 sf	Fair	43
5	Corporate Hangar (Florida Army National Guard)	Hangar: 4,536 sf Office: 3,168 sf	Fair	40.7
6	Corporate Hangar (Southeast Aero Services Inc.)	Hangar: 12,608 sf Office Trailer: 1,440 sf	Fair	38.3
7	Corporate Hangar (Southeast Aero Services Inc.)	Hangar: 7,863 sf Office Trailers: 2,880 sf	Fair	38.02
8	Corporate Hangar (Patty Wagstaff Aerobatic School - Southeast Aero Services Inc.)	Hangar: 7,273 sf Office: 1,127 sf	Fair	37.5
9	Corporate Hangar 8-9-10 (Southeast Aero Services Inc. - Roberts Aviation - Vno Air)	Hangar: 22,304 sf Office: 1,862 sf	Fair	45.2
10	Corporate Hangar (Regency Aviation)	Hangar: 8,839 sf Office: 735 sf	Fair	36.4
11	Northrop-Grumman North Complex	~	~	65.5
12	Northrop-Grumman South Complex	~	~	28-75
13	Airline Terminal	23,305 sf	Excellent	38.9
14	Maintenance Shop Hangar (Atlantic Aviation)	Hangar: 8,000 sf Office: 1,600 sf	Poor	40.1
15	Aircraft Storage Hangar (Atlantic Aviation)	Hangar: 12,600 sf Office: 1,995 sf	Poor	40.1
16	Shade/Canopy Hangar (Atlantic Aviation)	19,778 sf	Good	47.5
17	Aircraft Sales/Storage Hangar & Offices (PGA) (Florida Aviation Career Training)	Hangar: 10,404 sf Office: 7,512 sf	Good/Fair	47.8
18	GA Terminal Building (Atlantic Aviation - Rent-a-Car)	9,489 sf	Good/Fair	48.1
19	Line Service Building (Atlantic Aviation)	704 sf	Poor	26.6
20	"A" T-Hangar (10 Units)	15,372 sf	Poor	28.02
21	"B" T-Hangar (10 Units)	15,576 sf	Poor	26.5
22	"C" T-Hangar (11 Units)	13,770 sf	Poor	25.7
23	"D" T-Hangar (12 Units)	17,479 sf	Good	29.17
24	Port-A-Ports (6 Units)	1,872 sf each	Poor	-
25	"E" T-Hangar (12 Units)	17,479 sf	Good	28.92
26	"G" Box Hangar (6 Units)	15,900 sf	Fair	35.79
27	"H" Box Hangar (4 Units)	13,515 sf	Fair	36.01
28	"I" Box Hangar (4 Units)	14,014 sf	Fair	36.7
29	Airport Maintenance Building	~ 900 sf	Poor	23.2
30	"J" Port-A-Ports (5 Units)	5,550 sf	Poor	21.5
31	"K" T-Hangar (12 Units)	13,872 sf	Fair	28.01
32	"L" T-Hangar (12 Units)	13,872 sf	Fair	28
33	"M" T-Hangar (12 Units)	13,872 sf	Fair	28
34	Self-Service Fuel Farm	Two Above Ground Tanks	Good	-
35	Electric Vault Building	1,144 sf	Fair	25.04
36	Customs Building (U.S. Customs & Border Protection)	3,000 sf	Fair	30.5
37	Airport Rescue & Firefighting Facility (ARFF)	5,046 sf	Good	35.5
38	Air Traffic Control Tower (ATCT)	5,549 sf	Fair	100.1
39	Corporate Hangar (Nimbus Aviation)	Hangar: 32,890 sf Office: 1,650 sf	Good	57.2
40	Fuel Farm	Four Above Ground Tanks	Good	-
41	Green House	~ 1,500 sf	Fair	23.4
42	Maintenance Shed	~ 2,500 sf	Fair	25.5
43	Maintenance Garage	~ 1,200 sf	Fair	26.3
44	Maintenance Warehouse & Office	Warehouse: 5,571 sf Office: 861 sf	Fair	27.4
45	Conference Center (Florida Flyers European US Flight School, Inc.)	16,760 sf	Good	48.03
46	Corporate Hangar (Jacksonville Aviation, INC dba Premier Aviation & Old City Helicopter Sales LLC)	Hangar: 14,000 sf Office: 1,602 sf	Good	40.5
47	"N" Box Hangar (3 Units)	7,800 sf	Good	29.3
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49	"P" Box/T-Hangar (3/7 Units)	Box Hangars: 9,360 sf T-Hangar: 8,840 sf	Good	29.5
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51	"R" T-Hangar (10 Units)	12,064 sf	Good	25.9
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54	Quonset Hut	756 sf	Fair/Poor	-
55	Civil Air Patrol Building	3,508 sf	Poor	30
56	Civil Air Patrol Building	2,473 sf	Poor	28



**FAA STAMP LOCATION**

**FAA APPROVAL BLOCK**

**CONDITIONALLY APPROVED**  
Federal Aviation Administration

This approval is subject to review as conditions change and is subject to the limitations contained in our letter

dated 8/21/2020

Orlando Airports District Office (ORL-ADO)  
refer to AIC Conditional Approval Letter for additional provisions and comments.

STEPHEN A WILSON  
Digitally signed by STEPHEN A WILSON  
Date: 2020.08.21 15:05:15 -0400

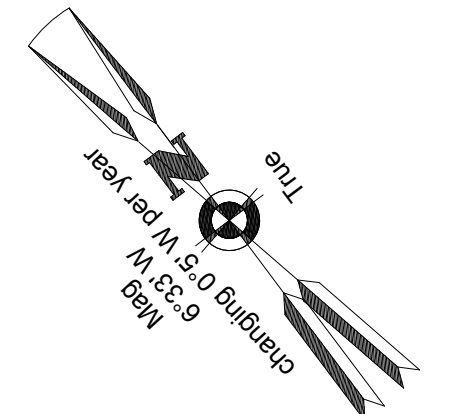
**Construction Notice Requirement**

To protect operation safety and future development, all proposed construction on this Airport must be coordinated by the airport owner with the FAA Airports District Office prior to construction. FAA review takes approximately 60 days.

**LEGEND**

DESCRIPTION	FUTURE
AIRPORT PROPERTY LINE	---
FUTURE AIRPORT PROPERTY LINE	---
FUTURE RUNWAY/TAXIWAY OFA (R/TOFA)	---
FUTURE RUNWAY SAFETY AREA (RSA)	---
FUTURE RUNWAY OFZ	---
FUTURE RUNWAY PROTECTION ZONE (RPZ)	---
FUTURE BUILDING RESTRICTION LINE (BRL)	---
FUTURE RUNWAY VISIBILITY ZONE (RVZ)	---
FUTURE AIRPORT PAVEMENT	---
AIRPORT REFERENCE POINT	⊙
FUTURE AIRPORT REFERENCE POINT	⊙
AIRPORT BUILDINGS	■
FUTURE AIRPORT BUILDINGS	■
EXISTING FENCE	-X-X-
FUTURE FENCE	-X-X-
EXISTING ROAD	---
FUTURE ROAD AND LANDSIDE PAVEMENT	---
EXISTING RAIL	---
FUTURE RAIL	---
WATERWAY	---
WETLANDS	---
GROUND ELEVATION CONTOURS	---
PAVEMENT/BUILDING REMOVAL	---
AIRPORT BEACON	☆
AWOS/VOR	▲
WINDSOCK	⊙
PACS/SACS	⊙

- NOTES**
- Coordinates and elevations for ARP, runway ends, and displaced thresholds have been obtained from the 2016 Quantum Spatial survey. Please note that the coordinates and elevation values are different from the published values on the FAA 5010. Therefore, the FAA 5010 for SGJ needs to be updated.
  - Threshold Siting Surfaces are included on the Plan and Profile Drawings in this ALP Drawing set.
  - Square Yardage and dimensions are provided on the Terminal Area Drawings in this ALP Drawing set.
  - A parking apron analysis and coordination with FAA Flight Procedures will occur prior to the proposed Runway 24 extension and upgrade to approach minimums on Runways 6-24. Please note that the approach minimum upgrade and runway extension will only occur if demand is warranted.
  - Proposed Runway 13R-31L development is contingent on land acquisition.



Client:  
**St. Augustine-St. Johns County Airport Authority**  
4900 U.S. Highway 1, North  
St. Augustine, FL 32095

**Passero Associates**  
4730 Casa Cola Way, Suite 200  
St. Augustine, FL 32095  
(904) 757-6106  
www.passero.com

Principal-in-Charge: Andrew M. Holesko  
Project Manager: Lisa Cheung  
Designed by: Chris Johnson

**Revisions**

No.	Date	By	Description

Airport Layout Plan Update

Airport Layout Plan  
Without Aerial

**Northeast Florida Regional Airport**

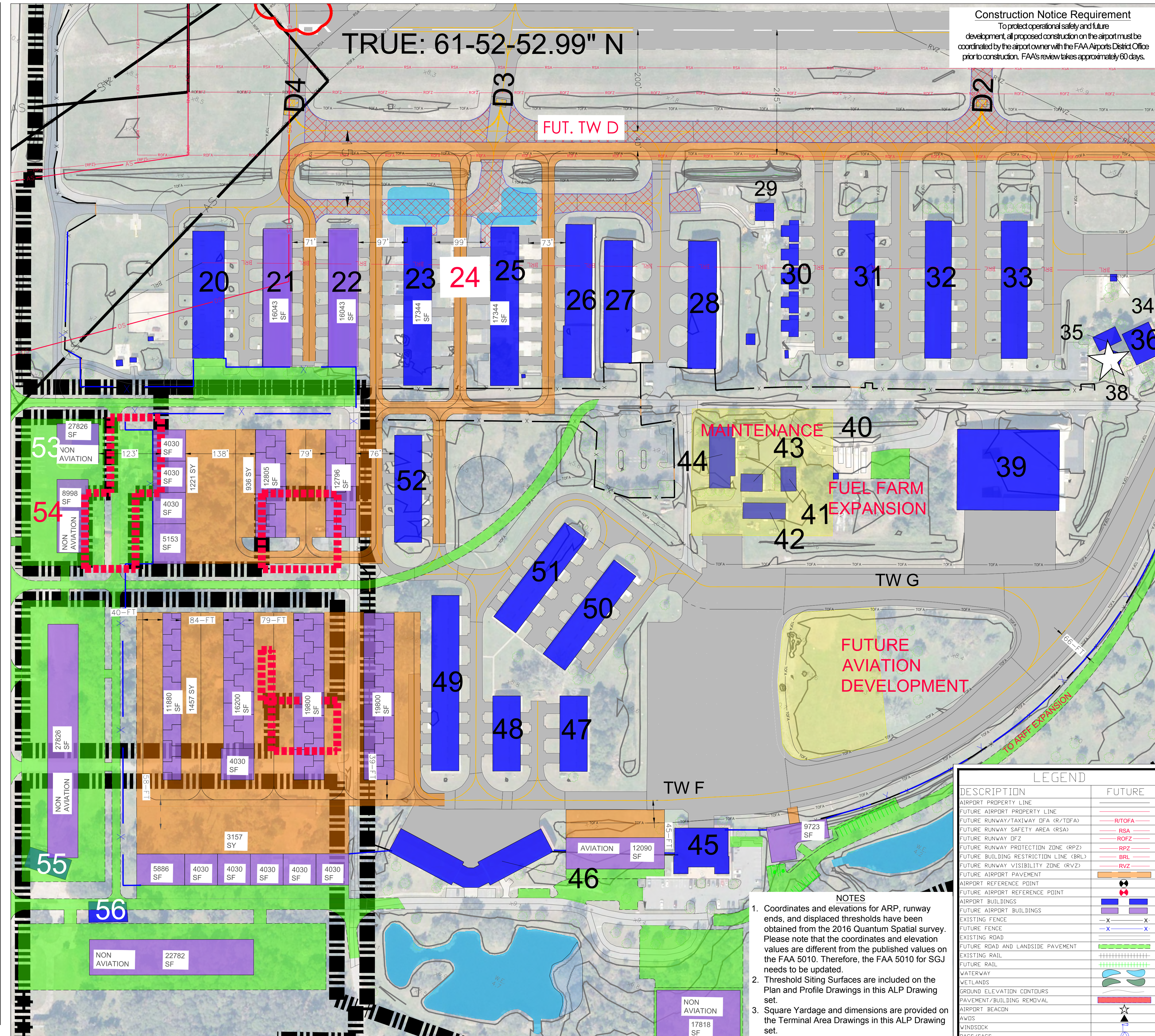
Town/City: City of St. Augustine  
County: St. Johns State: Florida

Project No. 23081.70

Drawing No. Sheet 4B

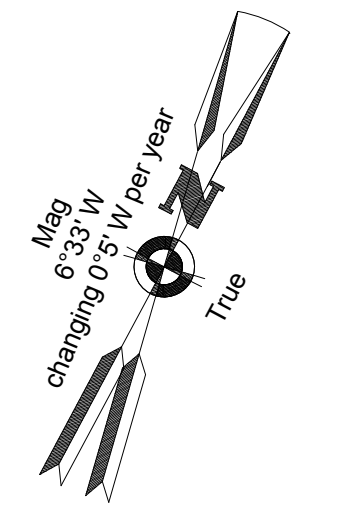
Date: February 2020

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**PA**  
**PASSERO ASSOCIATES**  
engineering architecture



0 100 200 Feet

**SA**  
**St. Augustine Airport**

Client:  
**St. Augustine-St. Johns County Airport Authority**  
4900 U.S. Highway 1, North  
St. Augustine, FL 32095

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Principal-in-Charge: Andrew M. Holesko  
Project Manager: Lisa Cheung  
Designed by: Chris Johnson

**Revisions**

No.	Date	By	Description

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**Airport Layout Plan Update**  
**Terminal Area Plan**  
**South GA Area**

**Northeast Florida Regional Airport**

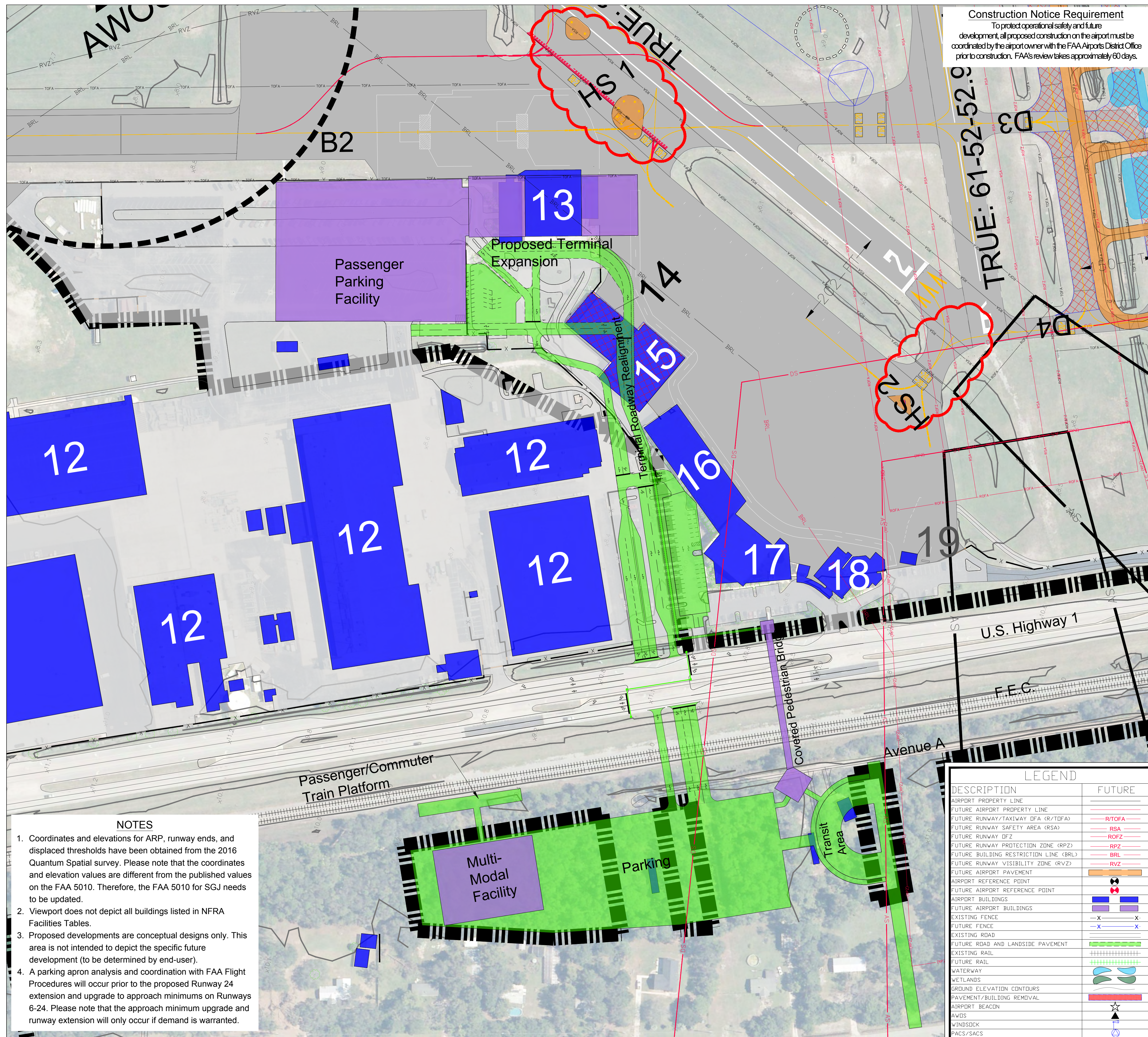
Town/City: City of St. Augustine  
County: St. Johns State: Florida

Project No. **23081.70**

Drawing No. **Sheet 5**

Date **February 2020**

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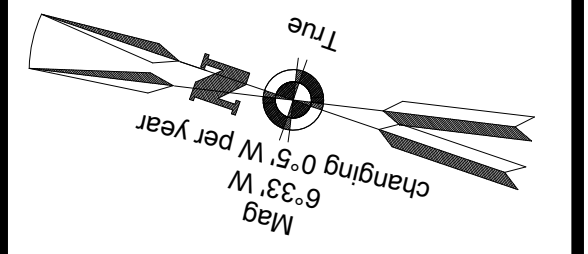


**NOTES**

- Coordinates and elevations for ARP, runway ends, and displaced thresholds have been obtained from the 2016 Quantum Spatial survey. Please note that the coordinates and elevation values are different from the published values on the FAA 5010. Therefore, the FAA 5010 for SGJ needs to be updated.
- Viewport does not depict all buildings listed in NFRA Facilities Tables.
- Proposed developments are conceptual designs only. This area is not intended to depict the specific future development (to be determined by end-user).
- A parking apron analysis and coordination with FAA Flight Procedures will occur prior to the proposed Runway 24 extension and upgrade to approach minimums on Runways 6-24. Please note that the approach minimum upgrade and runway extension will only occur if demand is warranted.

DESCRIPTION	FUTURE
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FUTURE AIRPORT PROPERTY LINE	
FUTURE RUNWAY/TAXIWAY (DFA (R/TDFA)	RT/TOFA
FUTURE RUNWAY SAFETY AREA (RSA)	RSA
FUTURE RUNWAY OFZ	ROFZ
FUTURE RUNWAY PROTECTION ZONE (RPZ)	RPZ
FUTURE BUILDING RESTRICTION LINE (BRL)	BRL
FUTURE RUNWAY VISIBILITY ZONE (RVZ)	RVZ
FUTURE AIRPORT PAVEMENT	
AIRPORT REFERENCE POINT	
FUTURE AIRPORT REFERENCE POINT	
AIRPORT BUILDINGS	
FUTURE AIRPORT BUILDINGS	
EXISTING FENCE	-X-X
FUTURE FENCE	-X-X
EXISTING ROAD	
FUTURE ROAD AND LANDSIDE PAVEMENT	
EXISTING RAIL	+++++
FUTURE RAIL	+++++
WATERWAY	
WETLANDS	
GROUND ELEVATION CONTOURS	
PAVEMENT/BUILDING REMOVAL	
AIRPORT BEACON	☆
AWOS	▲
WINDSOCK	▲
PACS/SACS	○

**PA**  
PASSERO ASSOCIATES  
engineering architecture



**SA**  
St. Augustine  
Airport

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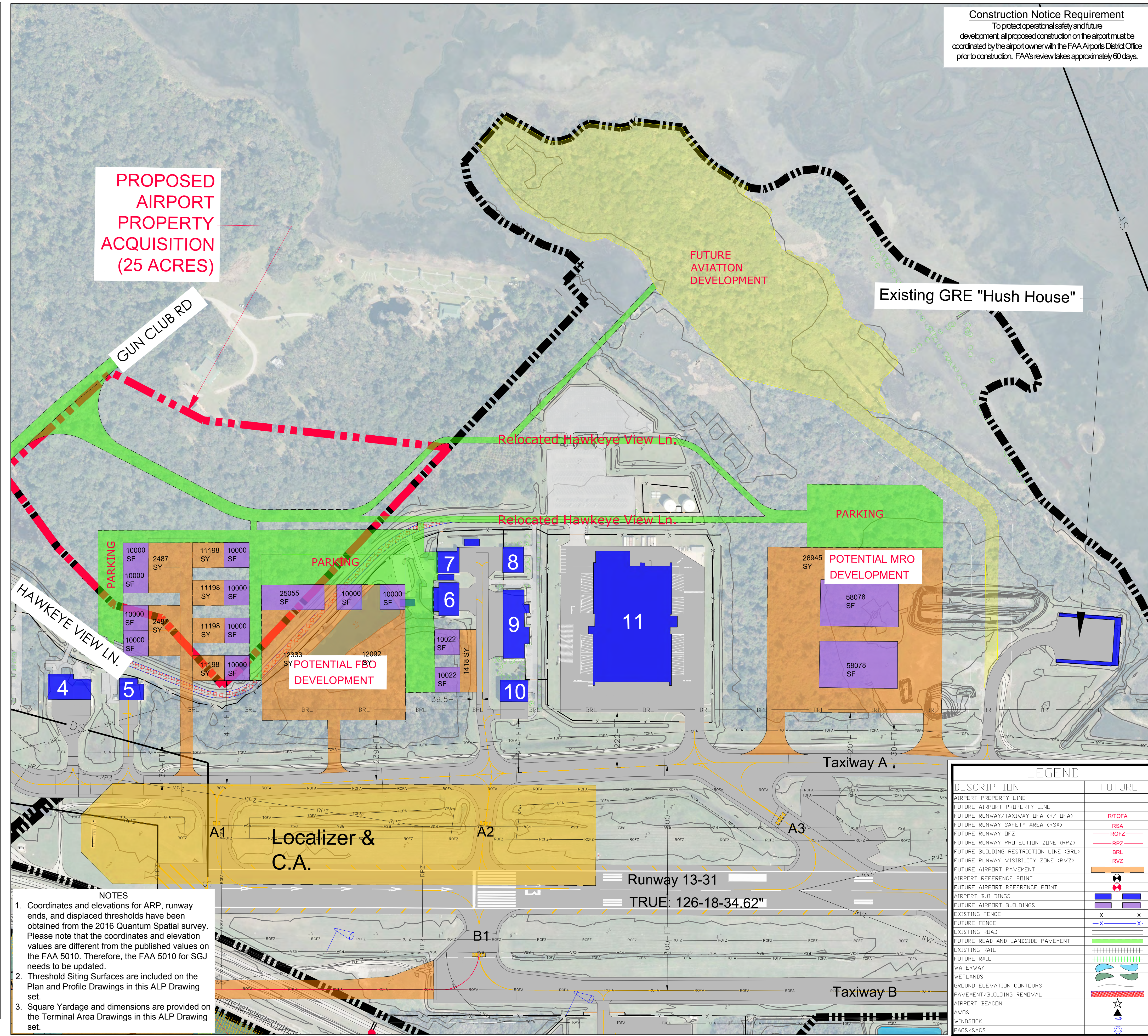
Revisions			
No.	Date	By	Description

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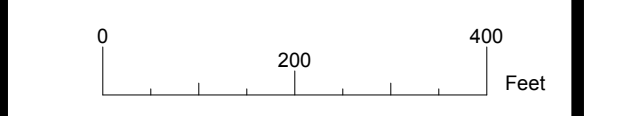
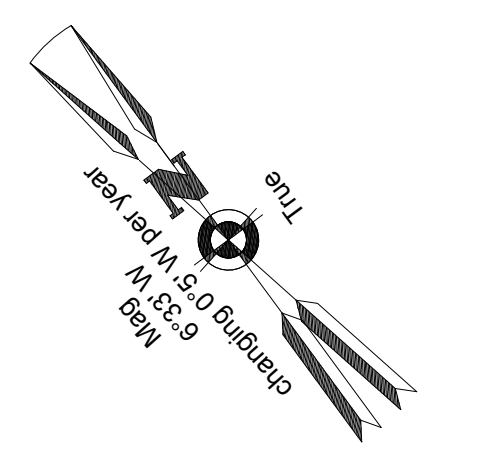
Airport Layout Plan Update  
  
Terminal Area Plan  
Main Terminal Area  
  
Northeast Florida  
Regional Airport

Town/City: City of St. Augustine  
County: St. Johns State: Florida  
Project No. 23081.70  
Drawing No. Sheet 6  
Date February 2020

NFRA Facilities				
Bldg. #	Facility	Approximate Size	Condition	Elevation (MSL)
1	Corporate Hangar (Infinity Aviation Co Inc)	Hangar: 10,575 sf Office: 1,128 sf	Good	45.1
2	Corporate Hangar (Ring Power Aviation)	Hangar: 16,368 sf Office: 3,582 sf	Good	44.9
3	Corporate Hangar (Roberts Aviation)	Hangar: 25,488 sf Office: 4,000 sf	Good	47.7
4	Corporate Hangar (Scott Lagasse Racing)	Hangar: 14,639 sf Office: 950 sf	Fair	43
5	Corporate Hangar (Florida Army National Guard)	Hangar: 4,536 sf Office: 3,168 sf	Fair	40.7
6	Corporate Hangar (Southeast Aero Services Inc.)	Hangar: 12,608 sf Office Trailer: 1,440 sf	Fair	38.3
7	Corporate Hangar (Southeast Aero Services Inc.)	Hangar: 7,863 sf Office Trailers: 2,880 sf	Fair	38.02
8	Corporate Hangar (Patty Wagstaff Aerobatic School - Southeast Aero Services Inc.)	Hangar: 7,273 sf Office: 1,127 sf	Fair	37.5
9	Corporate Hangar 8-9-10 (Southeast Aero Services Inc. - Roberts Aviation - Vno Air)	Hangar: 22,304 sf Office: 1,862 sf	Fair	45.2
10	Corporate Hangar (Regency Aviation)	Hangar: 8,839 sf Office: 735 sf	Fair	36.4
11	Northrop-Grumman North Complex	~	~	65.5
12	Northrop-Grumman South Complex	~	~	28.75
13	Airline Terminal	23,305 sf	Excellent	38.9
14	Maintenance Shop Hangar (Atlantic Aviation)	Hangar: 8,000 sf Office: 1,600 sf	Poor	40.1
15	Aircraft Storage Hangar (Atlantic Aviation)	Hangar: 12,600 sf Office: 1,995 sf	Poor	40.1
16	Shade/Canopy Hangar (Atlantic Aviation)	19,778 sf	Good	47.5
17	Aircraft Sales/Storage Hangar & Offices (PGA) (Florida Aviation Career Training)	Hangar: 10,404 sf Office: 7,512 sf	Good/Fair	47.8
18	GA Terminal Building (Atlantic Aviation - Rent-a-Car)	9,489 sf	Good/Fair	48.1
19	Line Service Building (Atlantic Aviation)	704 sf	Poor	26.6
20	"A" T-Hangar (10 Units)	15,372 sf	Poor	28.02
21	"B" T-Hangar (10 Units)	15,576 sf	Poor	26.5
22	"C" T-Hangar (11 Units)	13,770 sf	Poor	25.7
23	"D" T-Hangar (12 Units)	17,479 sf	Good	29.17
24	Port-A-Ports (6 Units)	1,872 sf each	Poor	-
25	"E" T-Hangar (12 Units)	17,479 sf	Good	28.92
26	"G" Box Hangar ( 6 Units)	15,900 sf	Fair	35.79
27	"H" Box Hangar ( 4 Units)	13,515 sf	Fair	36.01
28	"I" Box Hangar ( 4 Units)	14,014 sf	Fair	36.7
29	Airport Maintenance Building	~ 900 sf	Poor	23.2
30	"J" Port-A-Ports (5 Units)	5,550 sf	Poor	21.5
31	"K" T-Hangar (12 Units)	13,872 sf	Fair	28.01
32	"L" T-Hangar (12 Units)	13,872 sf	Fair	28
33	"M" T-Hangar (12 Units)	13,872 sf	Fair	28
34	Self-Service Fuel Farm	Two Above Ground Tanks	Good	-
35	Electric Vault Building	1,144 sf	Fair	25.04
36	Customs Building (U.S. Customs & Border Protection)	3,000 sf	Fair	30.5
37	Airport Rescue & Firefighting Facility (ARFF)	5,046 sf	Good	35.5
38	Air Traffic Control Tower (ATCT)	5,549 sf	Fair	100.1
39	Corporate Hangar (Nimbus Aviation)	Hangar: 32,890 sf Office: 1,650 sf	Good	57.2
40	Fuel Farm	Four Above Ground Tanks	Good	-
41	Green House	~ 1,500 sf	Fair	23.4
42	Maintenance Shed	~ 2,500 sf	Fair	25.5
43	Maintenance Garage	~ 1,200 sf	Fair	26.3
44	Maintenance Warehouse & Office	Warehouse: 5,571 sf Office: 861 sf	Fair	27.4
45	Conference Center (Florida Flyers European US Flight School, Inc.)	16,760 sf	Good	48.03
46	Corporate Hangar (Jacksonville Aviation, INC dba Premier Aviation & Old City Helicopter Sales LLC)	Hangar: 14,000 sf Office: 1,602 sf	Good	40.5
47	"N" Box Hangar (3 Units)	7,800 sf	Good	29.3
48	"O" T-Hangar (6 Units)	7,800 sf	Good	26.1
49	"P" Box/T-Hangar (3/7 Units)	Box Hangars: 9,360 sf T-Hangar: 8,840 sf	Good	29.5
50	"Q" T-Hangar (10 Units)	12,064 sf	Good	26.7
51	"R" T-Hangar (10 Units)	12,064 sf	Good	25.9
52	"S" T-Hangar (9 Units)	11,024 sf	Good	26.5
53	St. Augustine St. Johns County Airport Authority Administration Building	3,696 sf	Fair	19.8
54	Quonset Hut	756 sf	Fair/Poor	-
55	Civil Air Patrol Building	3,508 sf	Poor	30
56	Civil Air Patrol Building	2,473 sf	Poor	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.



Client:  
**St. Augustine-St. Johns County Airport Authority**  
4900 U.S. Highway 1, North  
St. Augustine, FL 32095

**Passero Associates**  
4730 Casa Cola Way, Suite 200 St. Augustine, FL 32095 (904) 757-6106 www.passero.com  
Principal-in-Charge: Andrew M. Holesko  
Project Manager: Lisa Cheung  
Designed by: Chris Johnson

Revisions			
No.	Date	By	Description

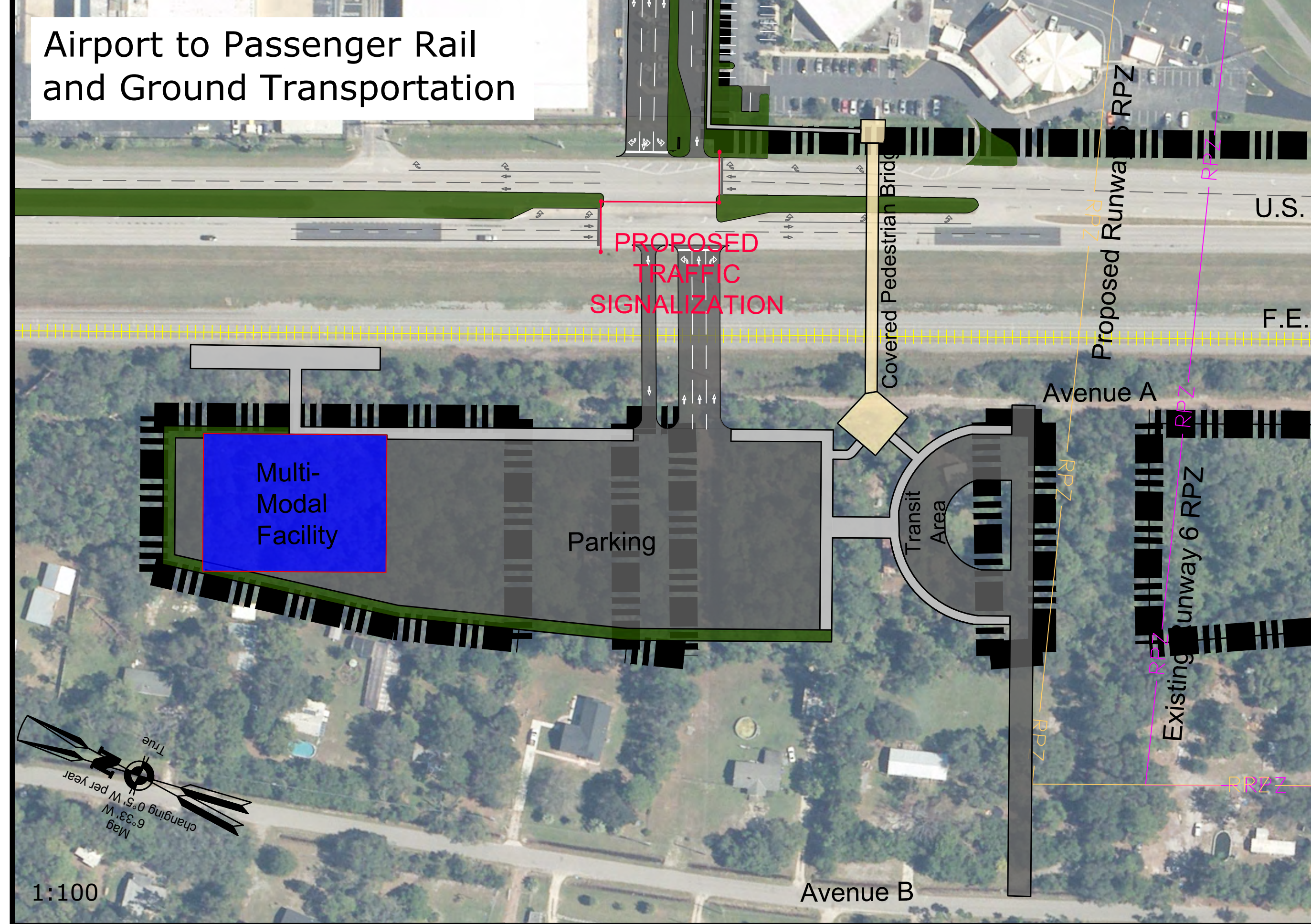
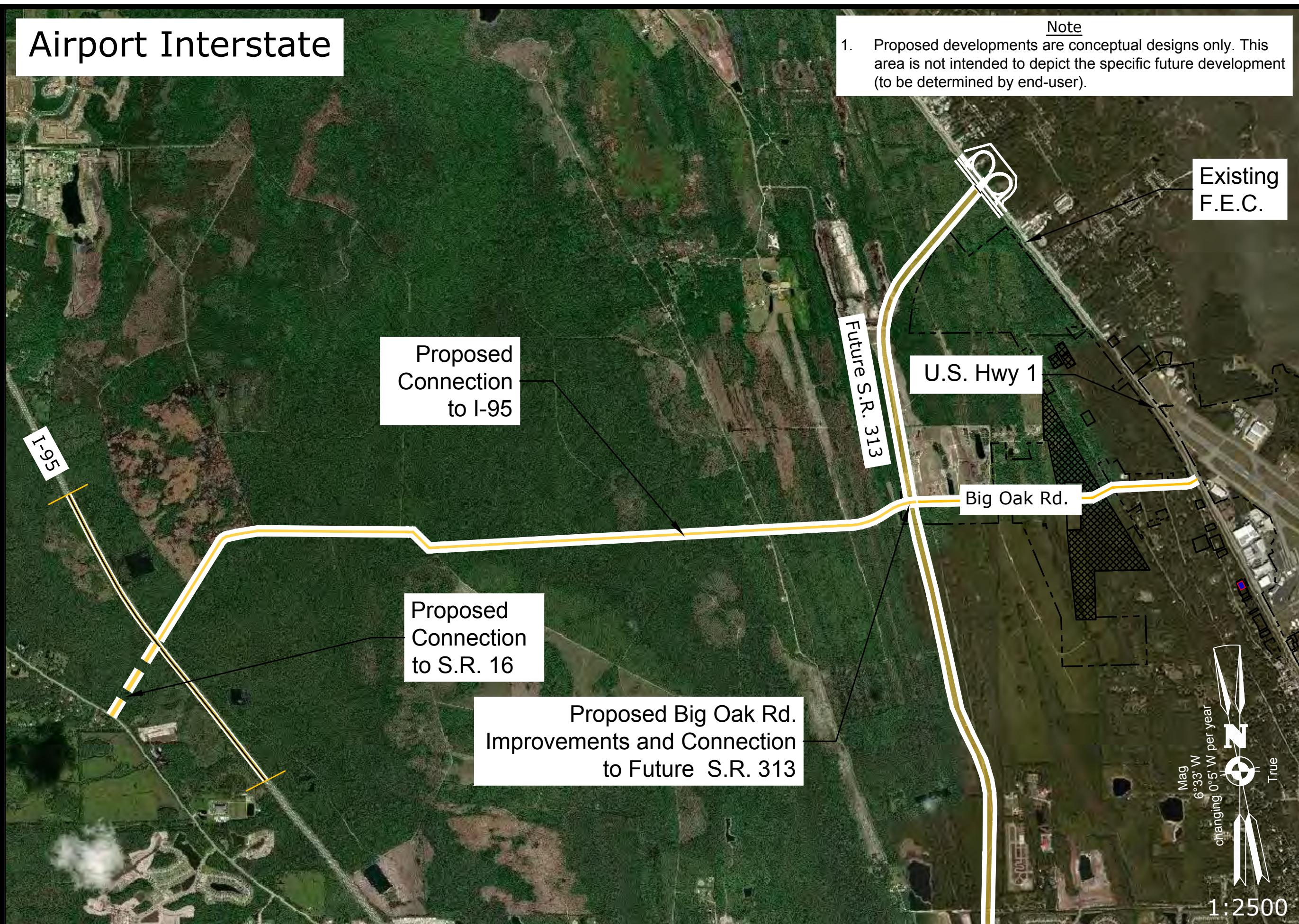
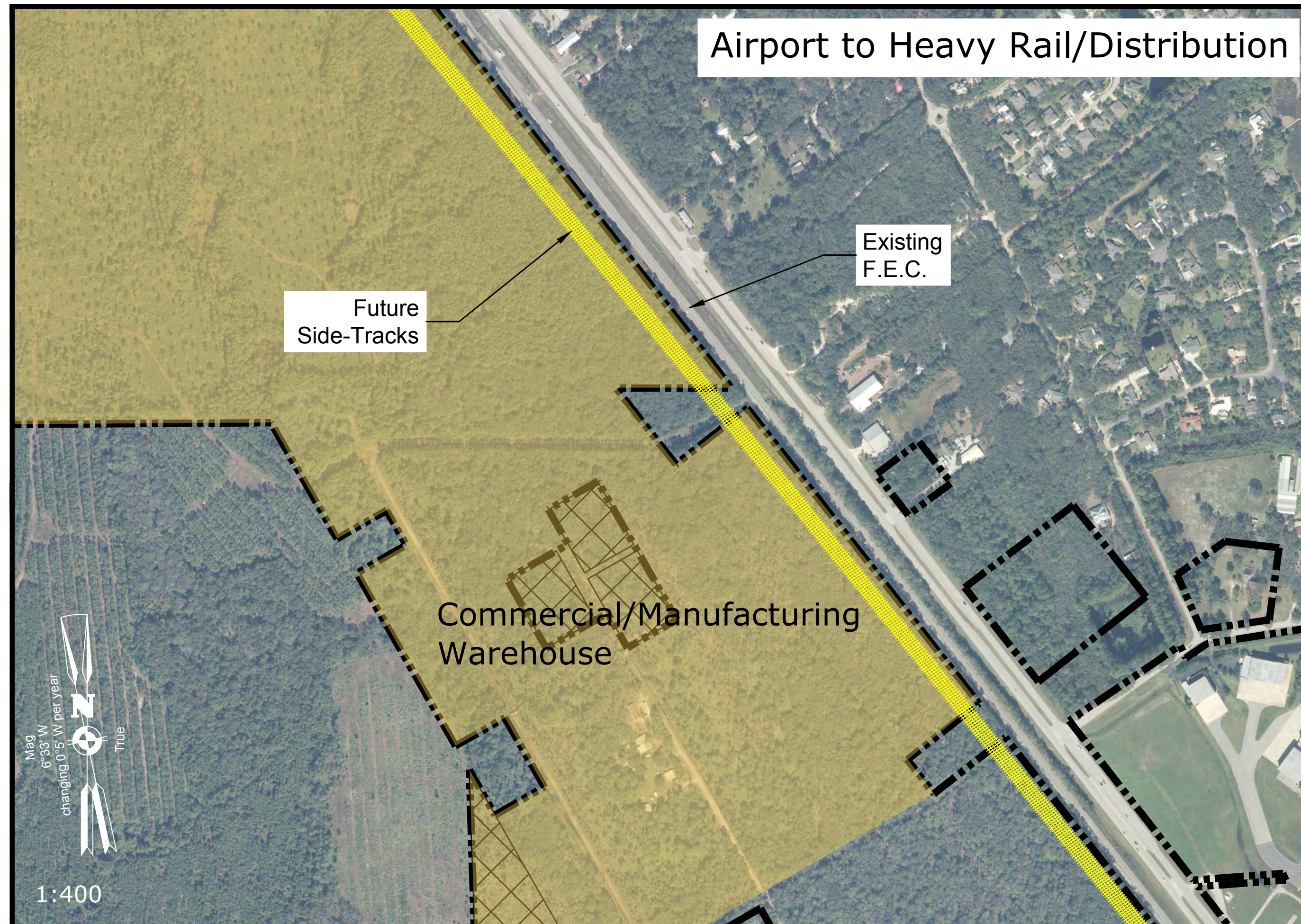
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Airport Layout Plan Update  
Terminal Area Plan  
East Corporate Area

Northeast Florida Regional Airport  
Town/City: City of St. Augustine  
County: St. Johns State: Florida

Project No. 23081.70  
Drawing No. Sheet 7

Date: February 2020



**Note**  
1. Proposed developments are conceptual designs only. This area is not intended to depict the specific future development (to be determined by end-user).

Client:  
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County Airport Authority**  
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St. Augustine, FL 32095  
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Principal-in-Charge: Andrew M. Holesko  
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Revisions				
No.	Date	By	Description	

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Airport Layout Plan Update  
Multi-Modal Connectivity Plan

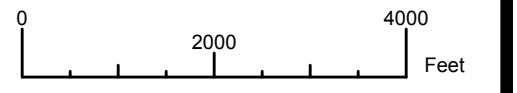
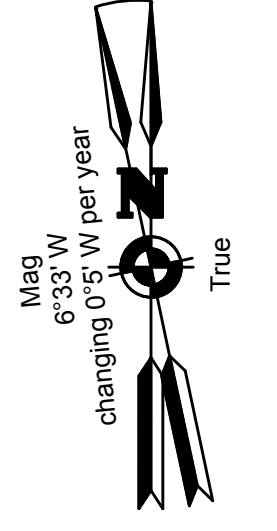
Northeast Florida  
Regional Airport

Town/City: City of St. Augustine  
County: St. Johns State: Florida

Project No. 23081.70

Drawing No. Sheet 8

Date February 2020



Client:  
**St. Augustine-St. Johns County Airport Authority**  
4900 U.S. Highway 1, North  
St. Augustine, FL 32095

**Passero Associates**  
4730 Casa Cola Way, Suite 200 (904) 757-6106  
St. Augustine, FL 32095 www.passero.com  
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Revisions			
No.	Date	By	Description

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Airport Layout Plan Update  
Airspace Plan  
  
Northeast Florida Regional Airport

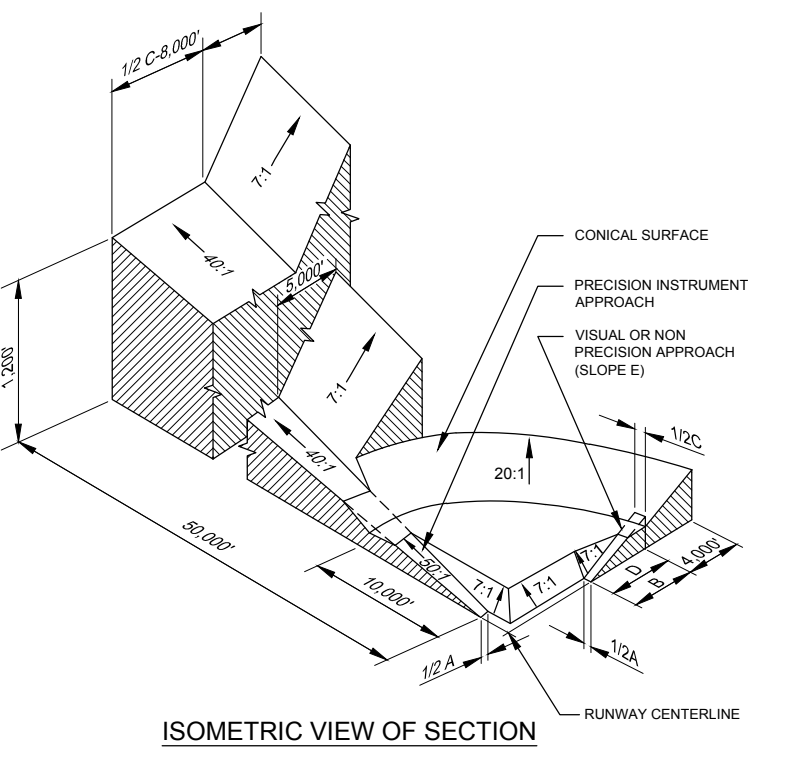
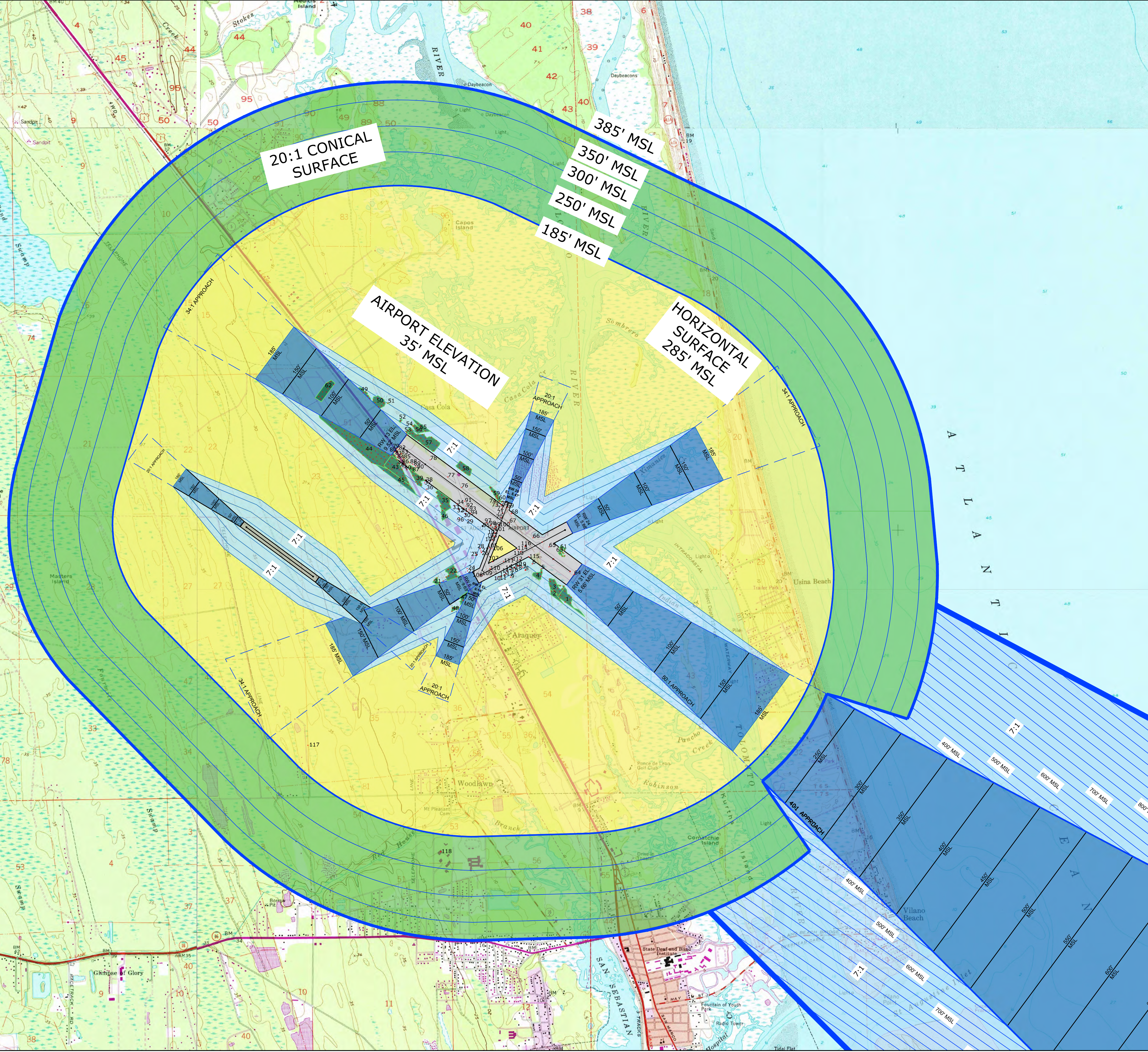
Town/City: City of St. Augustine  
County: St. Johns State: Florida

Project No. 23081.70

Drawing No. Sheet 9A

Date February 2020

- FEDERAL AVIATION REGULATIONS PART 77 STATES THAT A STRUCTURE IS PRESUMED TO HAVE A SUBSTANTIAL ADVERSE EFFECT UPON THE SAFE AND EFFICIENT USE OF NAVIGABLE AIRSPACE IF ITS HEIGHT EXCEEDS THE FOLLOWING STANDARDS:
1. A HEIGHT OF FIVE HUNDRED (500) FEET ABOVE GROUND LEVEL AT THE SITE OF THE OBJECT ANYWHERE IN THE STATE.
  2. A HEIGHT THAT IS TWO HUNDRED (200) FEET ABOVE GROUND LEVEL OR ABOVE THE ESTABLISHED AIRPORT ELEVATION, WHICHEVER IS HIGHER, WITHIN THREE (3) NAUTICAL MILES OF THE ESTABLISHED REFERENCED POINT OF A PUBLIC USE AIRPORT, EXCLUDING HELIPEDS, AND THE HEIGHT INCREASES IN THE PROPORTION OF ONE HUNDRED (100) FEET FOR EACH ADDITIONAL NAUTICAL MILE OF DISTANCE FROM THE AIRPORT UP TO A MAXIMUM OF FIVE HUNDRED (500) FEET.
  3. A HEIGHT WITHIN A TERMINAL OBSTACLE CLEARANCE AREA, INCLUDING AN INITIAL APPROACH SURFACE, A DEPARTURE AREA, A CLIMB APPROACH AREA, AND DEFINED BY FEDERAL LAWS AND REGULATIONS, WHICH WOULD RESULT IN THE VERTICAL CLEARANCE BETWEEN ANY POINT ON THE OBJECT AND AN ESTABLISHED MINIMUM INSTRUMENT FLIGHT ALTITUDE, WITHIN THAT AREA OR SEGMENT TO BE LESS THAN THE REQUIRED OBSTACLE CLEARANCE.
  4. A HEIGHT WITHIN AN EN ROUTE OBSTACLE CLEARANCE AREA, AS DEFINED BY FEDERAL LAWS AND REGULATIONS, INCLUDING TURN AND TERMINATION AREAS, OF A FEDERAL AIRWAY OR APPROACH OF AIRWAY ROUTE, THAT WOULD INCREASE THE MINIMUM OBSTACLE CLEARANCE ALTITUDE.
  5. THE SURFACE OF A TAKEOFF AND LANDING AREA OF A PUBLIC USE AIRPORT OR ANY IMAGINARY SURFACE AS ESTABLISHED BY PART 77, HOWEVER, NO PART OF THE TAKEOFF OR LANDING AREA ITSELF WILL BE CONSIDERED TO BE AN OBSTRUCTION.

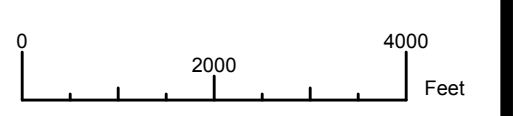
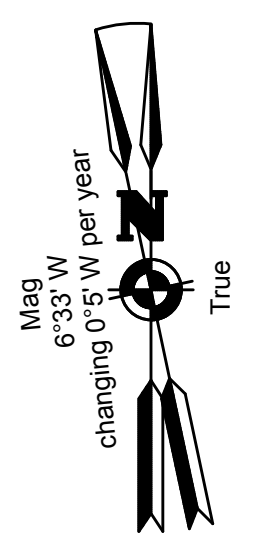


DIM	ITEM	DIMENSIONAL STANDARDS (FEET)			
		VISUAL RUNWAY		PRECISION INSTRUMENT RUNWAY	
A	WIDTH OF PRIMARY SURFACE AND APPROACH SURFACE WIDTH (PAPER END)	300	300	300	300
B	RANGE OF HORIZONTAL SURFACE	5,000	5,000	5,000	5,000
C	APPROACH SURFACE WIDTH AT END	1,500	1,500	1,500	1,500
D	APPROACH SURFACE LENGTH	5,000	5,000	5,000	5,000
E	APPROACH SLOPE	20:1	20:1	20:1	20:1

- A - UTILITY RUNWAYS
- B - RUNWAYS LARGER THAN UTILITY
- C - VISIBILITY MINIMUMS GREATER THAN 3/4 MILE
- D - VISIBILITY MINIMUMS AS LOW AS 3/4 MILE
- E - PRECISION INSTRUMENT APPROACH SLOPE IS 20:1 FOR INNER 10,000 FEET AND 40:1 FOR AN ADDITIONAL 40,000 FEET

- NOTES**
1. All Obstruction data, runway coordinates and elevations for ARP, runway ends, and displaced thresholds have been obtained from the 2016 Quantum Spatial survey. Please note that the coordinates and elevation values are different from the published values on the FAA 5010. Therefore, the FAA 5010 for SGJ needs to be updated.
  2. Future Runway 13L-31R Preliminary runway end elevations were obtained using Google Earth.
  3. 7.5 Minute Quad Map was obtained from the United States Geographic Survey (USGS).
  4. Roadway and obstacle obstructions within the first 100 feet MSL of the approach surfaces are identified and analyzed on the approach plan and profile sheets.
  5. All Object Elevations are current as of this ALP Update and are subject to change.

LEGEND	
DESCRIPTION	ITEM
OBSTRUCTION/OBSTACLE	X
TREE CLUSTER	



Client:  
**St. Augustine-St. Johns County Airport Authority**  
 4900 U.S. Highway 1, North  
 St. Augustine, FL 32095

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Revisions			
No.	Date	By	Description

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Airport Layout Plan Update  
 Airspace Plan  
 (Outer Approach)  
 Northeast Florida  
 Regional Airport

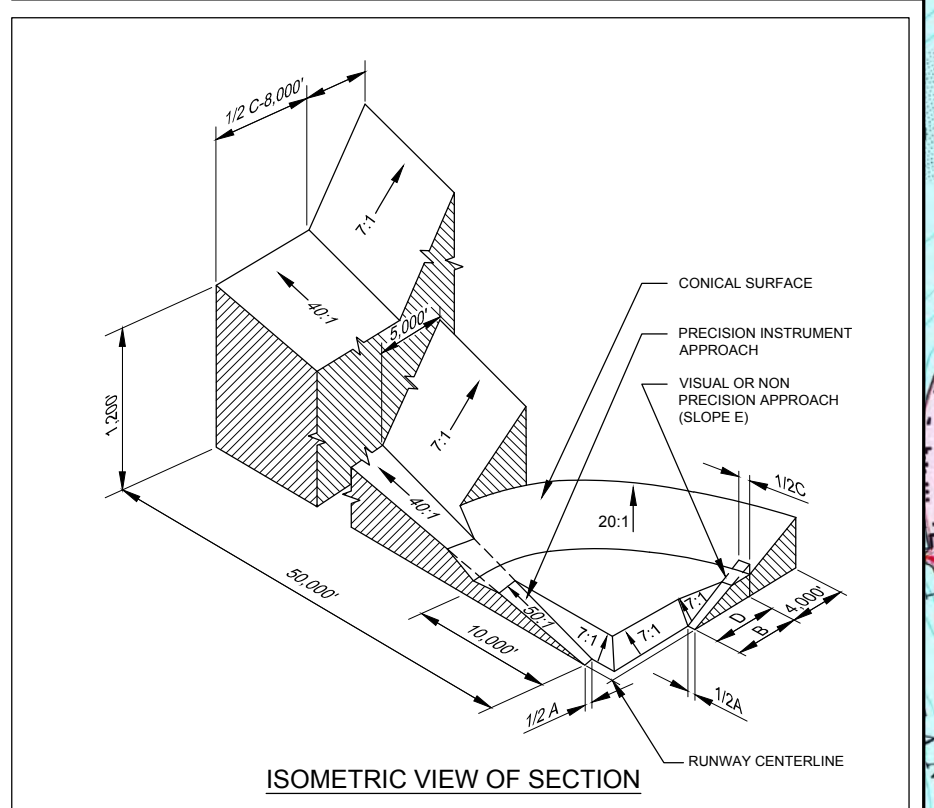
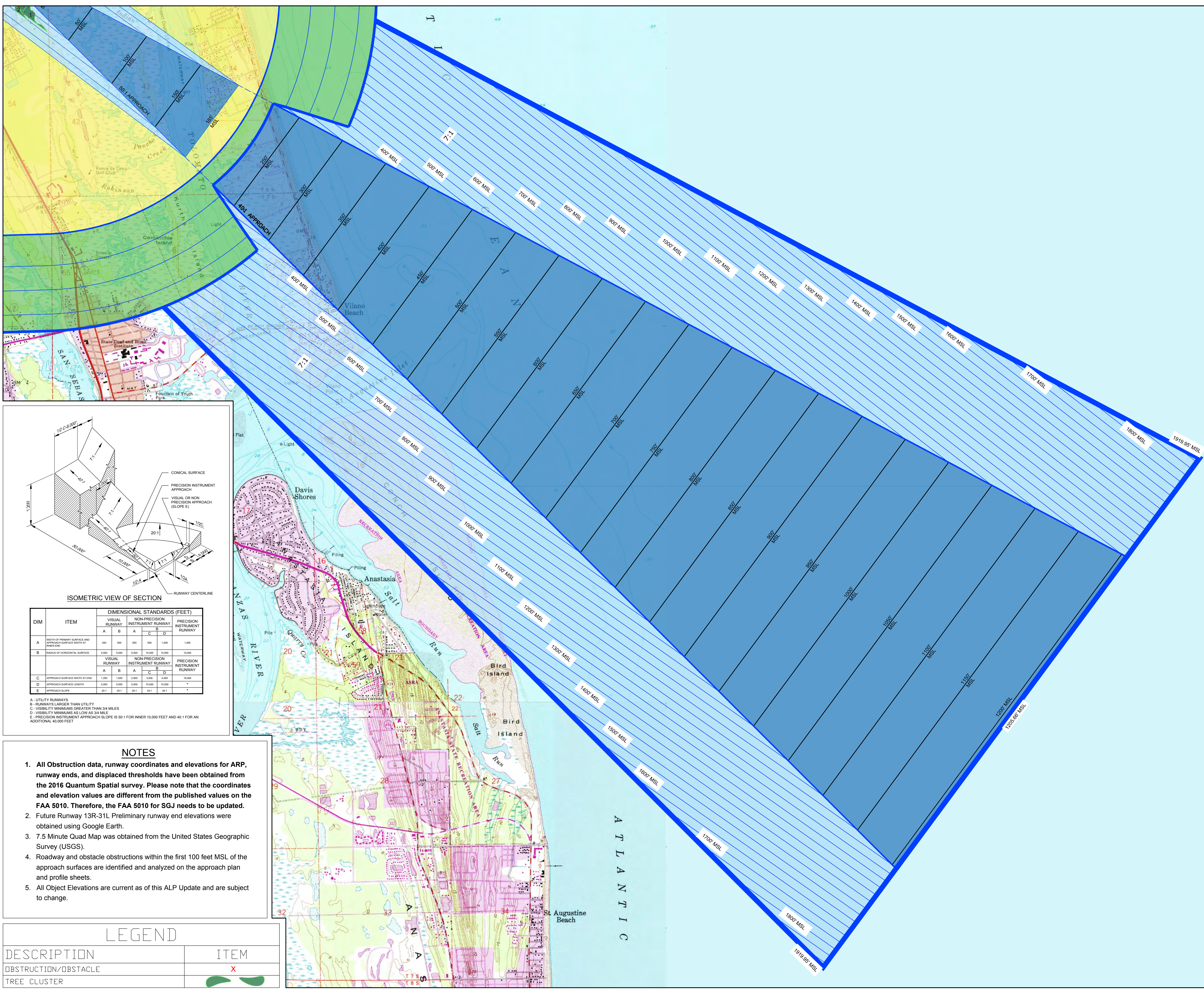
Town/City: City of St. Augustine  
 County: St. Johns State: Florida

Project No. 23081.70

Drawing No. Sheet 9B

Date February 2020

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  3. A HEIGHT WITHIN A TERMINAL OBSTACLE CLEARANCE AREA, INCLUDING AN INITIAL APPROACH SEGMENT, A DEFINITIVE AREA, AND A CIRCLING APPROACH AREA, AS DEFINED BY FEDERAL LAWS AND REGULATIONS, WHICH WOULD RESULT IN THE VERTICAL CLEARANCE BETWEEN ANY POINT ON THE OBJECT AND AN ESTABLISHED MINIMUM INSTRUMENT FLIGHT ALTITUDE WITHIN THAT AREA OR SEGMENT TO BE LESS THAN THE REQUIRED OBSTACLE CLEARANCE.
  4. A HEIGHT WITHIN AN EN ROUTE OBSTACLE CLEARANCE AREA, AS DEFINED BY FEDERAL LAWS AND REGULATIONS, INCLUDING TURN AND TERMINATION AREAS, OF A FEDERAL AIRWAY OR APPROVED OFF-AIRWAY ROUTE, THAT WOULD INCREASE THE MINIMUM OBSTACLE CLEARANCE ALTITUDE.
  5. THE SURFACE OF A TAKEOFF AND LANDING AREA OF A PUBLIC-USE AIRPORT OR ANY IMAGINARY SURFACE AS ESTABLISHED BY FAA PART 77. HOWEVER, NO PART OF THE TAKEOFF OR LANDING AREA ITSELF WILL BE CONSIDERED TO BE AN OBSTRUCTION.



DIM	ITEM	DIMENSIONAL STANDARDS (FEET)						
		VISUAL RUNWAY		NON-PRECISION INSTRUMENT RUNWAY		PRECISION INSTRUMENT RUNWAY		
A	B	A	B	A	B	A	B	
A	WIDTH OF PRIMARY SURFACE AND APPROACH SURFACE WIDTH AT END	300	300	300	300	300	300	300
B	RANGE OF VISIBILITY SURFACE	5,000	5,000	5,000	5,000	5,000	5,000	5,000
C	APPROACH SURFACE WIDTH AT END	1,200	1,200	2,000	1,800	1,800	1,800	1,800
D	APPROACH SURFACE LENGTH	5,000	5,000	5,000	5,000	5,000	5,000	5,000
E	APPROACH SLOPE	20:1	20:1	20:1	20:1	20:1	20:1	20:1

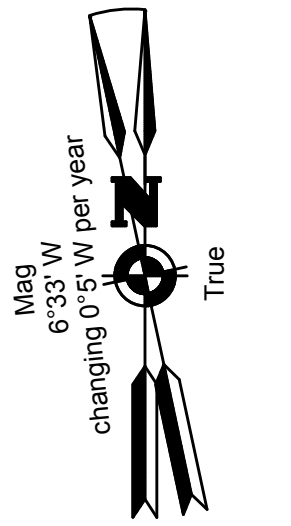
A - UTILITY RUNWAYS  
 B - RUNWAYS LARGER THAN UTILITY  
 C - VISIBILITY MINIMUMS GREATER THAN 24 MILES  
 D - VISIBILITY MINIMUMS AS LOW AS 3/4 MILE  
 E - PRECISION INSTRUMENT APPROACH SLOPE IS 50:1 FOR INNER 10,000 FEET AND 40:1 FOR AN ADDITIONAL 40,000 FEET

**NOTES**

1. All Obstruction data, runway coordinates and elevations for ARP, runway ends, and displaced thresholds have been obtained from the 2016 Quantum Spatial survey. Please note that the coordinates and elevation values are different from the published values on the FAA 5010. Therefore, the FAA 5010 for SGJ needs to be updated.
2. Future Runway 13R-31L Preliminary runway end elevations were obtained using Google Earth.
3. 7.5 Minute Quad Map was obtained from the United States Geographic Survey (USGS).
4. Roadway and obstacle obstructions within the first 100 feet MSL of the approach surfaces are identified and analyzed on the approach plan and profile sheets.
5. All Object Elevations are current as of this ALP Update and are subject to change.

**LEGEND**

DESCRIPTION	ITEM
OBSTRUCTION/OBSTACLE	X
TREE CLUSTER	



Client:

**St. Augustine-St. Johns  
County Airport Authority**  
4900 U.S. Highway 1, North  
St. Augustine, FL 32095

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Revisions			
No.	Date	By	Description

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Airport Layout Plan Update  
Airspace Profile

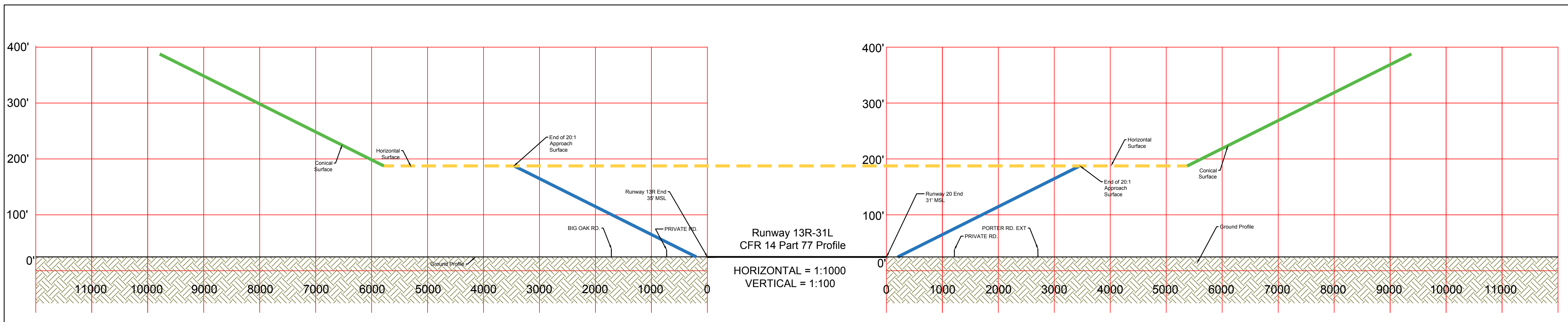
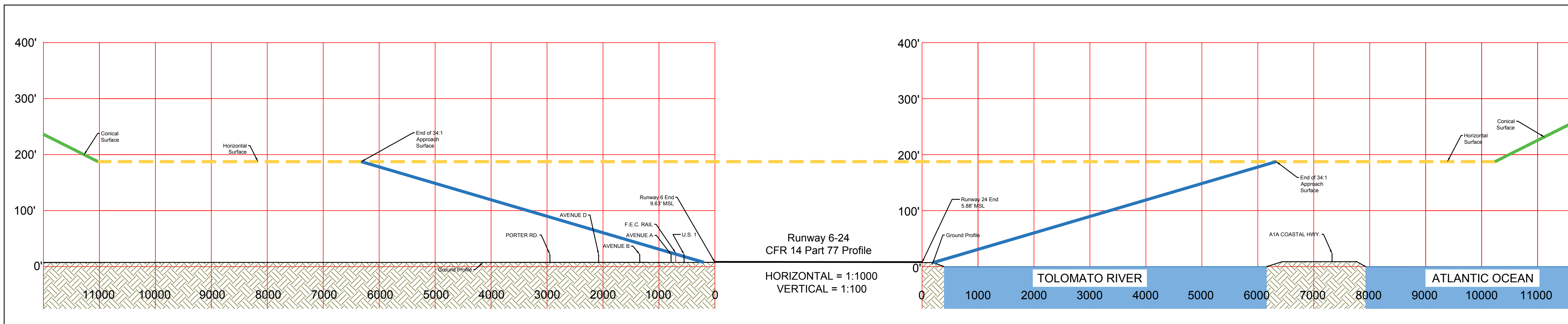
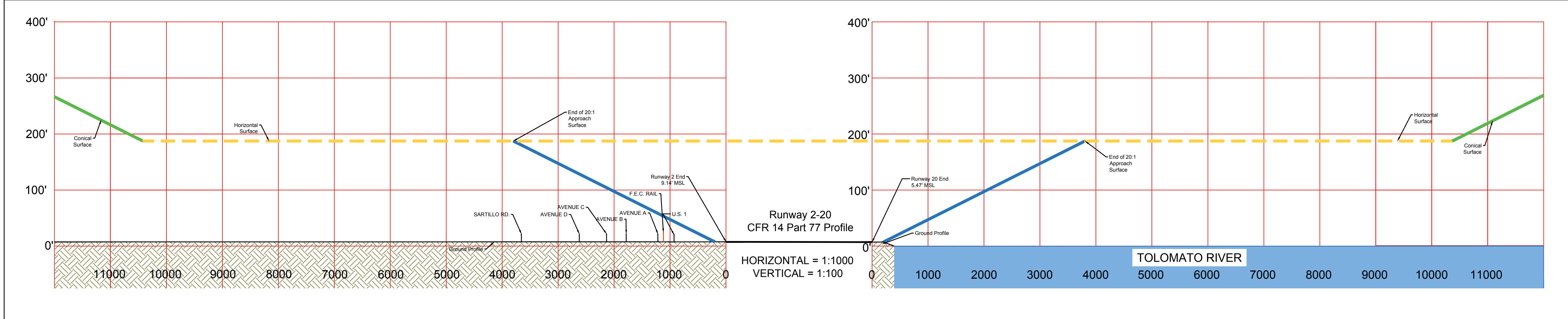
Northeast Florida  
Regional Airport

Town/City: City of St. Augustine  
County: St. Johns State: Florida

Project No.  
23081.70

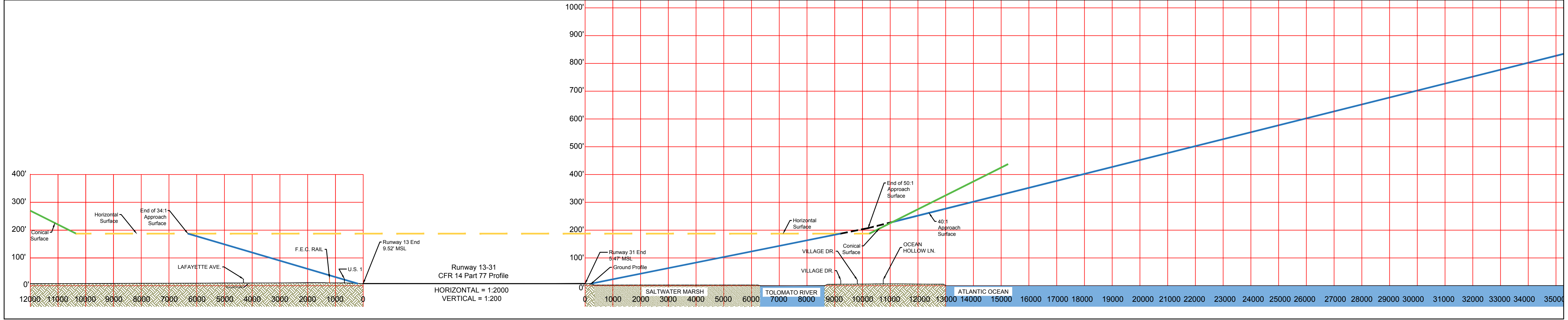
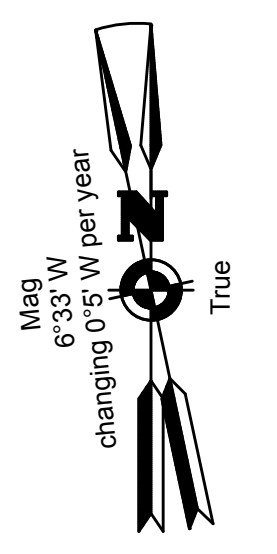
Drawing No.  
Sheet 9C

Date  
February 2020



**NOTES**

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PART 77 OBSTRUCTIONS							
ID	DESCRIPTION	OBJECT ELEVATION (FEET MSL)	SURFACE HEIGHT ALLOWED (FEET MSL)	OBJECT PENETRATION+ /CLEARANCE- (FEET)	SURFACE PENETRATING	ON/OFF AIRPORT	DISPOSITION
1	TREE GROUP	68.7	18.27	50.43	TRANSITIONAL	ON	TRIM
2	TREE GROUP	103	77.16	25.84	TRANSITIONAL	ON	TRIM
3	TREE GROUP	68.7	20.29	48.41	TRANSITIONAL	ON	TRIM
4	TREE GROUP	75.6	16.96	58.64	TRANSITIONAL	ON	TRIM
5	BUSH	17.46	17.12	0.34	TRANSITIONAL	ON	TRIM
6	BUILDING	35.52	24.57	10.95	TRANSITIONAL	ON	LIGHT
7	POLE	47.46	43.38	4.08	TRANSITIONAL	ON	LIGHT
8	COMMUNICATIONS TOWER (BEACON)	113.08	64.75	48.33	TRANSITIONAL	ON	LIGHT
9	ANTENNA	63.1	62.25	0.85	TRANSITIONAL	ON	LIGHT
10	HANGAR	35.79	28.86	6.93	TRANSITIONAL	ON	LIGHT
11	TREE	36.26	33.31	2.95	TRANSITIONAL	ON	TRIM
12	HANGAR	36.67	33.50	3.17	TRANSITIONAL	ON	LIGHT
13	TREE	44.01	35.03	8.98	TRANSITIONAL	ON	TRIM
14	TREE	38.65	23.86	14.79	TRANSITIONAL	ON	TRIM
15	TREE	30.01	28.63	1.38	TRANSITIONAL	ON	TRIM
16	HANGAR	28.01	27.38	0.63	TRANSITIONAL	ON	LIGHT
17	TREE	33.9	23.99	9.91	TRANSITIONAL	ON	TRIM
18	HANGAR	27.97	26.96	1.01	TRANSITIONAL	ON	LIGHT
19	HANGAR	27.97	26.97	1.00	TRANSITIONAL	ON	LIGHT
20	TREE	35.85	23.27	12.58	TRANSITIONAL	ON	TRIM
21	TREE GROUP	90.4	48.13	42.27	TRANSITIONAL	ON	TRIM
22	TREE GROUP	94.53	25.74	68.79	TRANSITIONAL	ON	TRIM
23	BUILDING	48.14	28.36	19.78	TRANSITIONAL	ON	LIGHT
24	HANGAR	47.83	40.84	6.99	TRANSITIONAL	ON	LIGHT
25	POLE	54.78	53.26	1.52	TRANSITIONAL	ON	LIGHT
26	POLE	49.15	30.56	18.59	TRANSITIONAL	ON	LIGHT
27	BUILDING (TERMINAL)	38.92	36.36	2.56	TRANSITIONAL	ON	LIGHT
28	POLE	52.89	45.07	7.82	TRANSITIONAL	ON	LIGHT
29	POLE	37.9	36.37	1.53	TRANSITIONAL	ON	LIGHT
30	POLE	31.53	23.24	8.29	TRANSITIONAL	ON	LIGHT
31	POLE	36.53	8.66	27.87	TRANSITIONAL	ON	LIGHT
32	POLE	30.78	26.15	4.63	TRANSITIONAL	ON	LIGHT
33	POLE	31.28	25.76	5.52	TRANSITIONAL	ON	LIGHT
34	FENCE	15.4	9.26	6.14	TRANSITIONAL	ON	NO ACTION
35	TREE GROUP	106.6	11.57	95.03	TRANSITIONAL	ON	TRIM
36	ANTENNA	60.6	44.42	16.18	TRANSITIONAL	ON	LIGHT
37	POLE	38.06	21.87	16.19	TRANSITIONAL	ON	LIGHT
38	WIND SOCK	30.31	9.71	20.60	TRANSITIONAL	ON	FIXED-BY-FUNCTION
39	TREE GROUP	77	9.32	67.68	TRANSITIONAL	ON	TRIM
40	PUBLIC ROAD	27.19	22.25	4.94	TRANSITIONAL	ON	NO ACTION
41	RAILROAD	35.31	26.45	8.86	TRANSITIONAL	ON	NO ACTION
42	RAILROAD	35.81	9.84	25.97	TRANSITIONAL	ON	NO ACTION
43	TREE GROUP	110.1	9.52	100.58	TRANSITIONAL	ON	TRIM
44	TREE GROUP	113.4	9.52	103.88	TRANSITIONAL	ON	TRIM
45	TREE GROUP	103.53	80.75	22.78	TRANSITIONAL	ON	TRIM
46	TREE GROUP	89.8	80.85	8.95	TRANSITIONAL	ON	TRIM
47	TREE GROUP	94.5	25.42	69.08	TRANSITIONAL	ON	TRIM
48	TREE GROUP	94.1	73.29	20.81	TRANSITIONAL	ON	TRIM
49	TREE GROUP	94.22	65.63	28.59	TRANSITIONAL	ON	TRIM
50	TREE GROUP	107.22	51.50	55.72	TRANSITIONAL	ON	TRIM
51	TREE GROUP	103	98.27	4.73	TRANSITIONAL	ON	TRIM
52	TREE GROUP	65.3	46.04	19.26	TRANSITIONAL	ON	TRIM
53	TREE GROUP	68.7	13.57	55.13	TRANSITIONAL	ON	TRIM
54	TREE GROUP	69.3	65.19	4.11	TRANSITIONAL	ON	TRIM
55	TREE GROUP	101.3	80.91	20.39	TRANSITIONAL	ON	TRIM
56	TREE GROUP	99.1	51.06	48.04	TRANSITIONAL	ON	TRIM
57	TREE GROUP	92.9	14.19	78.71	TRANSITIONAL	ON	TRIM
58	TREE GROUP	66.7	28.67	38.03	TRANSITIONAL	ON	TRIM
59	TREE GROUP	52.7	17.02	35.68	TRANSITIONAL	ON	TRIM
60	TREE GROUP	43.6	13.14	30.46	TRANSITIONAL	ON	TRIM

PART 77 OBSTRUCTIONS							
ID	DESCRIPTION	OBJECT ELEVATION (FEET MSL)	SURFACE HEIGHT ALLOWED (FEET MSL)	OBJECT PENETRATION+ /CLEARANCE- (FEET)	SURFACE PENETRATING	ON/OFF AIRPORT	DISPOSITION
61	TREE GROUP	14.6	5.76	8.84	TRANSITIONAL	ON	TRIM
62	TREE GROUP	117.9	109.52	8.38	RUNWAY 13 OUTER APPROACH	ON	TRIM
63	TREE GROUP	12.4	5.66	6.74	PRIMARY	ON	TRIM
64	NAVAID (MALS)	10.82	5.66	5.16	PRIMARY	ON	FIXED-BY-FUNCTION
65	BUSH	8.03	6.07	1.96	PRIMARY	ON	TRIM
66	BUILDING (GS)	15.95	6.24	9.71	PRIMARY	ON	FIXED-BY-FUNCTION
67	SIGN	10.73	7.05	3.68	PRIMARY	ON	NO ACTION
68	BUSH	9.6	7.15	2.45	PRIMARY	ON	TRIM
69	NAVAID (RUNWAY LIGHT)	7.11	5.47	1.64	PRIMARY	ON	FIXED-BY-FUNCTION
70	NATURAL HIGH POINT (GROUND)	7.27	6.48	0.79	PRIMARY	ON	GRADE
71	SIGN	9.24	6.06	3.18	PRIMARY	ON	NO ACTION
72	NATURAL HIGH POINT (GROUND)	6.52	5.78	0.74	PRIMARY	ON	GRADE
73	NATURAL HIGH POINT (GROUND)	6.77	5.78	0.99	PRIMARY	ON	GRADE
74	NATURAL HIGH POINT (GROUND)	7.39	5.56	1.83	PRIMARY	ON	GRADE
75	SIGN	9.52	5.47	4.05	PRIMARY	ON	NO ACTION
76	SIGN	11.77	9.52	2.25	PRIMARY	ON	NO ACTION
77	SIGN	12.23	9.67	2.56	PRIMARY	ON	NO ACTION
78	NATURAL HIGH POINT (GROUND)	10.23	9.55	0.68	PRIMARY	ON	NO ACTION
79	PUBLIC ROAD	27.81	9.52	18.29	PRIMARY	ON	NO ACTION
80	RAILROAD	35.81	9.52	26.29	PRIMARY	ON	NO ACTION
81	PUBLIC ROAD	27.56	9.52	18.04	PRIMARY	ON	NO ACTION
82	PUBLIC ROAD	18.31	9.52	8.79	PRIMARY	ON	NO ACTION
83	FENCE	17.56	9.48	8.08	PRIMARY	ON	NO ACTION
84	RAILROAD	35.94	9.48	26.46	PRIMARY	ON	NO ACTION
85	FENCE	16.78	9.46	7.32	PRIMARY	ON	NO ACTION
86	PUBLIC ROAD	27.44	9.51	17.93	PRIMARY	ON	NO ACTION
87	TREE CLUSTER	20.94	9.32	11.62	PRIMARY	ON	NO ACTION
88	NATURAL HIGH POINT (GROUND)	10.53	9.50	1.03	PRIMARY	ON	GRADE
89	NATURAL HIGH POINT (GROUND)	10.45	9.35	1.10	PRIMARY	ON	GRADE
90	NATURAL HIGH POINT (GROUND)	11.53	9.32	2.21	PRIMARY	ON	GRADE
91	NATURAL HIGH POINT (GROUND)	9.4	8.52	0.88	PRIMARY	ON	GRADE
92	NATURAL HIGH POINT (GROUND)	9.15	8.22	0.93	PRIMARY	ON	GRADE
93	NATURAL HIGH POINT (GROUND)	9.03	7.88	1.15	PRIMARY	ON	GRADE
94	NATURAL HIGH POINT (GROUND)	9.03	7.68	1.35	PRIMARY	ON	GRADE
95	NAVAID (AWOS)	38.41	21.69	16.72	TRANSITIONAL	ON	FIXED-BY-FUNCTION
96	BUILDING	69.23	63.69	5.54	TRANSITIONAL	ON	LIGHT
97	NATURAL HIGH POINT (GROUND)	8.52	7.49	1.03	PRIMARY	ON	GRADE
98	NATURAL HIGH POINT (GROUND)	8.9	7.41	1.49	PRIMARY	ON	GRADE
99	SIGN	10.87	7.46	3.41	PRIMARY	ON	NO ACTION
100	NATURAL HIGH POINT (GROUND)	7.87	7.10	0.77	PRIMARY	ON	GRADE
101	NATURAL HIGH POINT (GROUND)	8.87	7.65	1.22	PRIMARY	ON	GRADE
102	SIGN	11.28	7.91	3.37	PRIMARY	ON	NO ACTION
103	NATURAL HIGH POINT (GROUND)	8.77	8.26	0.51	PRIMARY	ON	GRADE
104	NATURAL HIGH POINT (GROUND)	9.02	8.57	0.45	PRIMARY	ON	GRADE
105	NATURAL HIGH POINT (GROUND)	9.62	8.94	0.68	PRIMARY	ON	GRADE
106	NATURAL HIGH POINT (GROUND)	9.77	8.94	0.83	PRIMARY	ON	GRADE
107	NAVAID (WINDSOCK)	30.02	9.52	20.50	PRIMARY	ON	FIXED-BY-FUNCTION
108	NATURAL HIGH POINT (GROUND)	9.8	9.63	0.17	PRIMARY	ON	GRADE
109	NAVAID (RUNWAY LIGHT)	11.1	9.68	1.42	PRIMARY	ON	FIXED-BY-FUNCTION
110	NATURAL HIGH POINT (GROUND)	9.77	9.66	0.11	PRIMARY	ON	GRADE
111	NAVAID (RUNWAY LIGHT)	9.99	9.47	0.52	PRIMARY	ON	FIXED-BY-FUNCTION
112	NATURAL HIGH POINT (GROUND)	9.21	9.19	0.02	PRIMARY	ON	GRADE
113	SIGN	10.27	7.61	2.66	PRIMARY	ON	NO ACTION
114	NATURAL HIGH POINT (GROUND)	8.37	7.78	0.59	PRIMARY	ON	GRADE
115	NATURAL HIGH POINT (GROUND)	7.49	6.44	1.05	PRIMARY	ON	GRADE
116	NAVAID (WINDSOCK)	15.99	6.33	9.66	PRIMARY	ON	FIXED-BY-FUNCTION
117	COMMUNICATIONS TOWER	167.55	185.00	-17.45	HORIZONTAL	ON	NO ACTION
118	COMMUNICATIONS TOWER	217.3	218.01	-0.71	CONICAL	ON	NO ACTION

- NOTES**
- All Obstruction data, runway coordinates and elevations for ARP, runway ends, and displaced thresholds have been obtained from the 2016 Quantum Spatial survey. Please note that the coordinates and elevation values are different from the published values on the FAA 5010. Therefore, the FAA 5010 for SGJ needs to be updated.
  - Future Runway 13R-31L Preliminary runway end elevations were obtained using Google Earth.
  - Roadway and obstacle obstructions within the first 100 feet MSL of the approach surfaces are identified and analyzed on the approach plan and profile sheets.
  - All Object Elevations are current as of this ALP Update and are subject to change.



Client:  
**St. Augustine-St. Johns County Airport Authority**  
4900 U.S. Highway 1, North  
St. Augustine, FL 32095

**Passero Associates**  
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Principal-in-Charge: Andrew M. Holesko  
Project Manager: Lisa Cheung  
Designed by: Chris Johnson

Revisions			
No.	Date	By	Description

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Airport Layout Plan Update  
Airspace Profile (NPI/PIR)

Northeast Florida Regional Airport

Town/City: City of St. Augustine  
County: St. Johns State: Florida

Project No. 23081.70

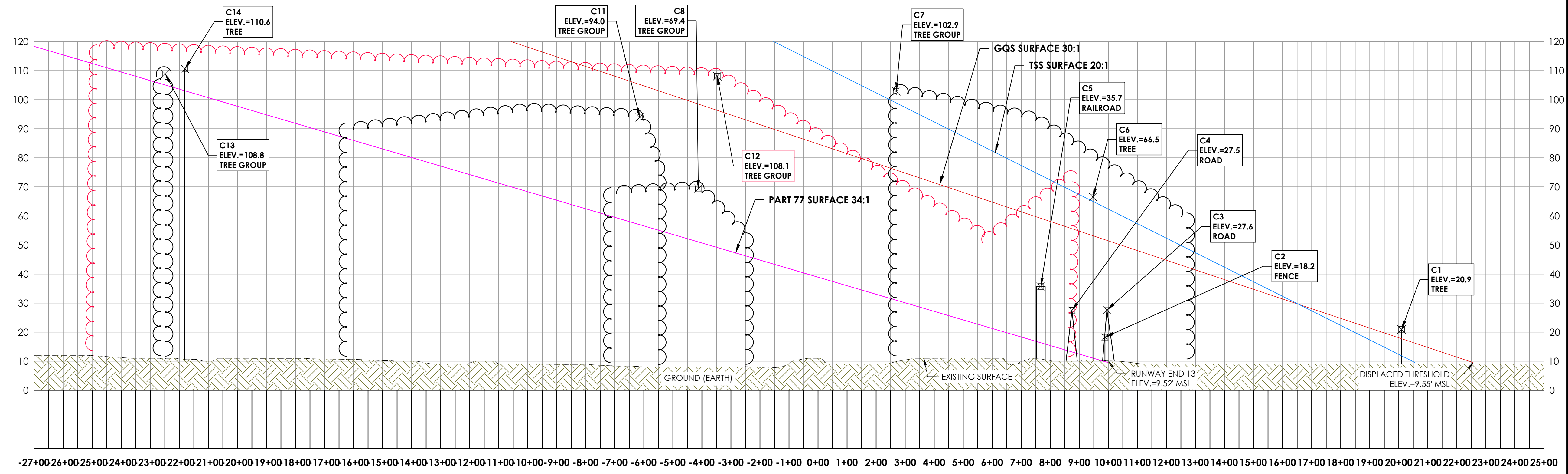
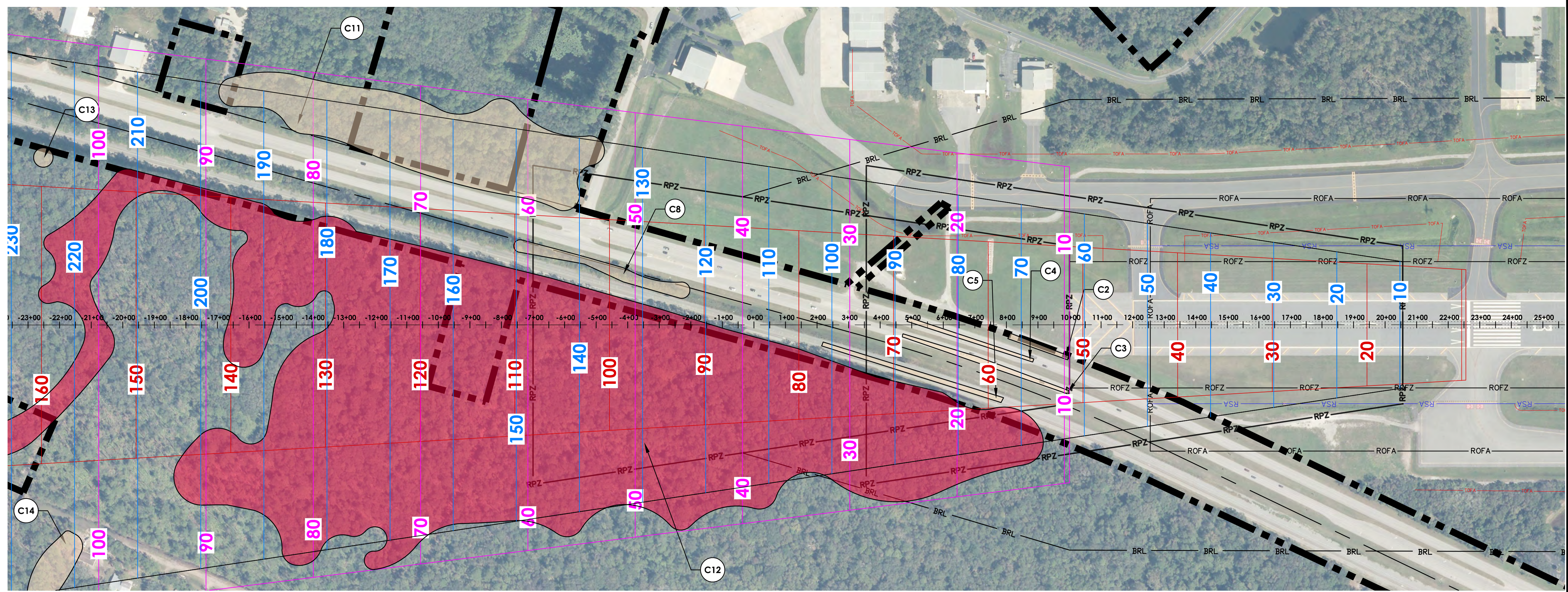
Drawing No. Sheet 9D

Date February 2020

**LEGEND**

- RSA - Runway Safety Area
- ROFA - Runway Object Free Area
- RPZ - Runway Protection Zone
- TSS - Threshold Siting Surface
- AS - Approach Surface
- GQS - Glide Path Qualification

- Tree Group Profile
- FAA 5010 Tree Obstruction Area Profile
- Tree Group Plan
- FAA 5010 Tree Obstruction Area Plan
- Obstruction Point Profile



- NOTES:**
- ALL OBSTRUCTION DATA, RUNWAY COORDINATES AND ELEVATIONS FOR ARP, RUNWAY ENDS, AND DISPLACED THRESHOLDS HAVE BEEN OBTAINED FROM THE 2016 QUANTUM SPATIAL SURVEY. PLEASE NOTE THAT THE COORDINATES AND ELEVATION VALUES ARE DIFFERENT FROM THE PUBLISHED VALUES ON THE FAA 5010. THEREFORE, THE FAA 5010 FOR SGJ NEEDS TO BE UPDATED.
  - TREES IDENTIFIED IN THE FAA 5010 MASTER RECORD ARE INCLUDED WITHIN THE RED OBSTRUCTION AREA IDENTIFIED IN THE PLAN AND PROFILE.
  - ALL OBJECT ELEVATIONS ARE CURRENT AS OF THIS ALP UPDATE AND ARE SUBJECT TO CHANGE.

**NO TSS OBSTRUCTIONS**

**RUNWAY END 13 PROFILE**

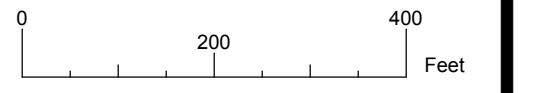
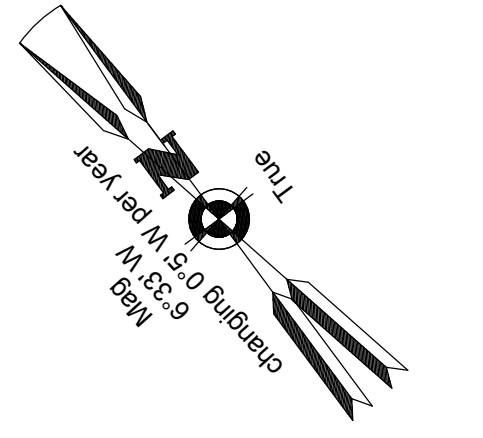
SCALE: HORIZONTAL - 1" = 200'  
VERTICAL - 1" = 10'

**GQS OBSTRUCTIONS**

ID	DESCRIPTION	OBJECT ELEVATION	SURFACE HEIGHT ALLOWED	GQS Surface Penetration	ON/OFF AIRPORT	DISPOSITION
C12	TREE GROUP (5010)	93.5	89.3	4.2	ON/OFF	TRIM

**PART 77 OBSTRUCTIONS**

ID	DESCRIPTION	OBJECT ELEVATION	SURFACE HEIGHT ALLOWED	34:1 P77 PENETRATION	ON/OFF AIRPORT	DISPOSITION
C2	FENCE	18.2	9.9	8.3	OFF	LIGHT OR MARK
C3	ROAD	27.6	9.7	17.9	OFF	NONE
C4	ROAD	27.5	13.2	14.3	OFF	NONE
C5	RAIL ROAD	35.7	16.4	19.3	OFF	NONE
C8	TREE GROUP	69.4	51.1	18.3	OFF	TRIM
C11	TREE GROUP	94	57.0	37	ON/OFF	TRIM
C12	TREE GROUP (5010)	108.1	49.1	59	ON/OFF	TRIM
C13	TREE	108.8	105.1	3.7	ON	TRIM
C14	TREE GROUP	110.6	103.1	7.5	ON	TRIM



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Principal-in-Charge: Andrew M. Holesko  
Project Manager: Lisa Cheung  
Designed by: Wayne B. Zian

Revisions			
No.	Date	By	Description

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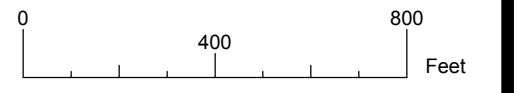
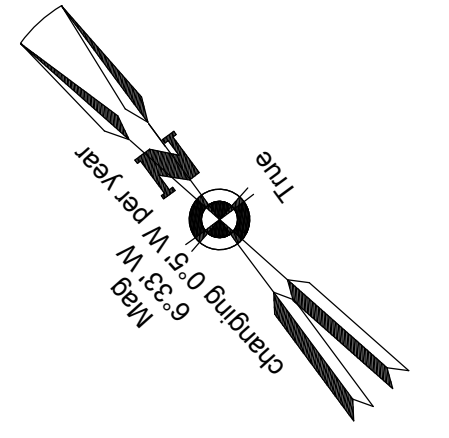
Airport Layout Plan Update  
Inner Portion of the  
Runway 13 Approach  
Surface

Northeast Florida  
Regional Airport  
Town/City: City of St. Augustine  
County: St. Johns State: Florida

Project No. 23081.70

Drawing No. Sheet 10

Date February 2020



Client:  
**St. Augustine-St. Johns County Airport Authority**  
4900 U.S. Highway 1, North  
St. Augustine, FL 32095

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Principal-in-Charge Andrew M. Holesko  
Project Manager Lisa Cheung  
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Revisions			
No.	Date	By	Description

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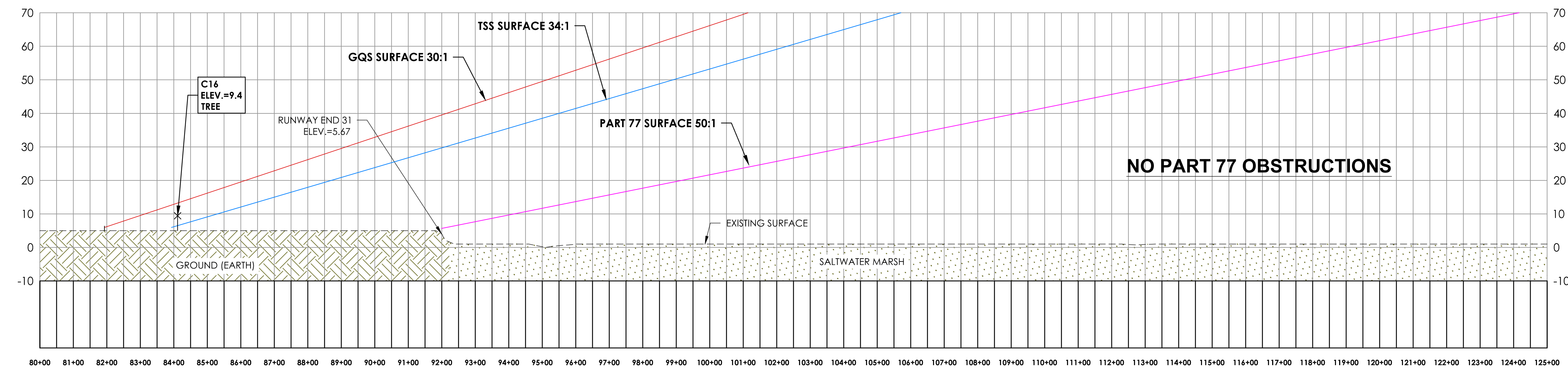
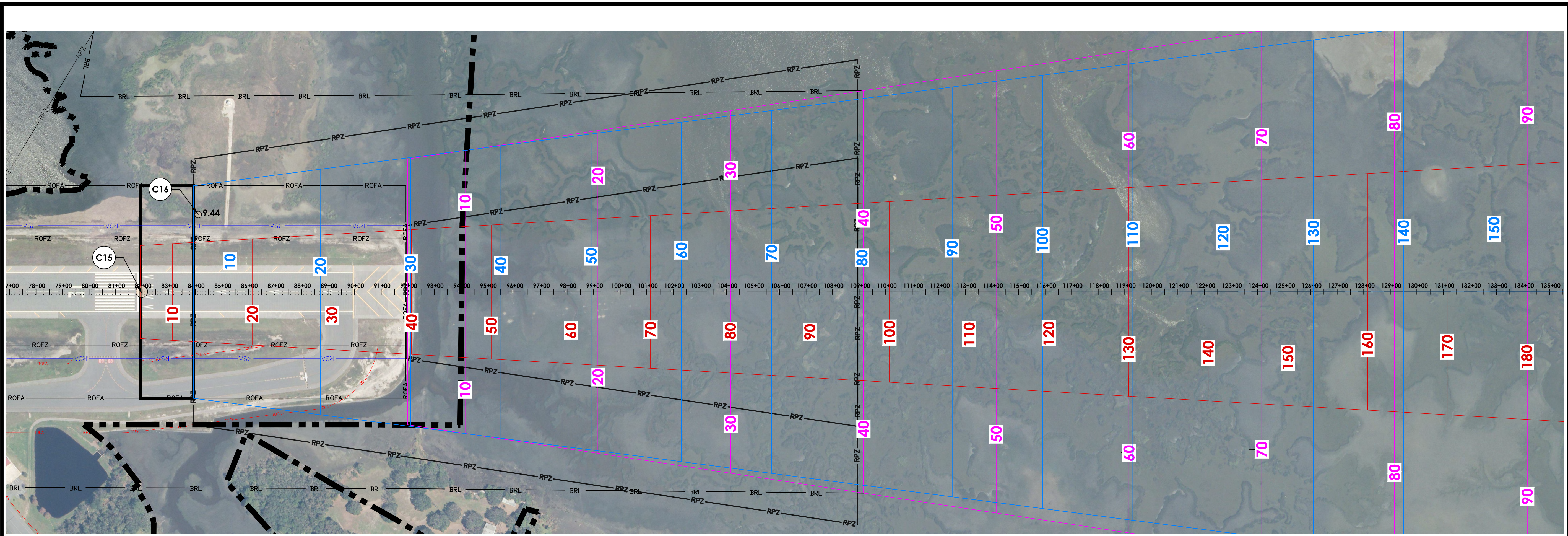
Airport Layout Plan Update  
Inner Portion of the  
Runway 31 Approach  
Surface

Northeast Florida  
Regional Airport  
Town/City: City of St. Augustine  
County: St. Johns State: Florida

Project No.  
**23081.70**

Drawing No.  
**Sheet 11**

Date  
**February 2020**



**RUNWAY END 31**  
SCALE: HORIZONTAL - 1" = 200'  
VERTICAL - 1" = 10'

**LEGEND**

- RSA - Runway Safety Area
- ROFA - Runway Object Free Area
- RPZ - Runway Protection Zone
- TSS - Threshold Siting Surface
- AS - Approach Surface
- GQS - Glide Path Qualification
- Tree Group Profile
- Tree Group Plan
- Obstruction Point Profile

**GQS OBSTRUCTIONS**

ID	DESCRIPTION	OBJECT ELEVATION	SURFACE HEIGHT ALLOWED	GQS Surface Penetration	ON/OFF AIRPORT	DISPOSITION
C15	RUNWAY	6.4	6.0	0.4	ON	FIXED BY FUNCTION

**TSS OBSTRUCTIONS**

ID	DESCRIPTION	OBJECT ELEVATION	SURFACE HEIGHT ALLOWED	34:1 TSS PENETRATION	ON/OFF AIRPORT	DISPOSITION
C16	TREE	9.4	6.500	2.9	ON	REMOVE

**NOTES:**

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2. ALL OBJECT ELEVATIONS ARE CURRENT AS OF THIS ALP UPDATE AND ARE SUBJECT TO CHANGE.

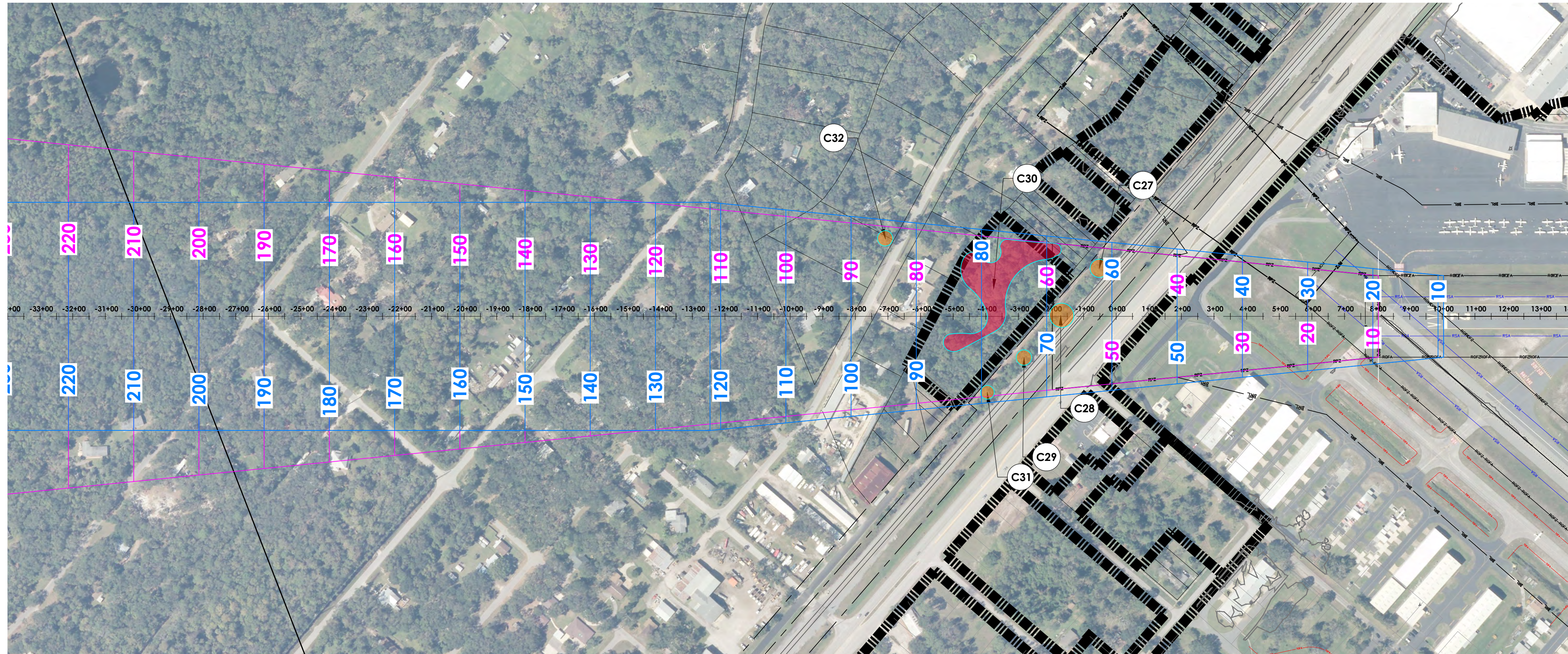
**LEGEND**

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- Tree Group Profile
- FAA 5010 Tree Obstruction Area Profile
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**NOTES:**

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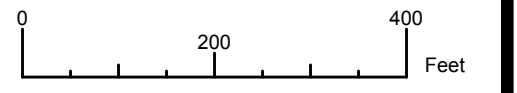
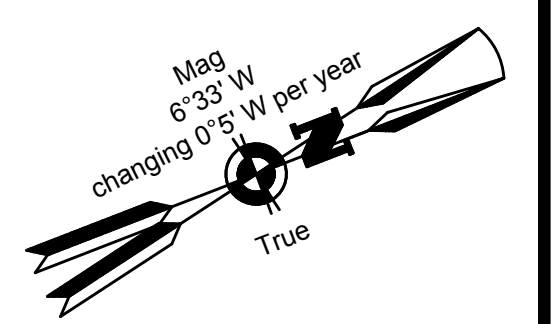
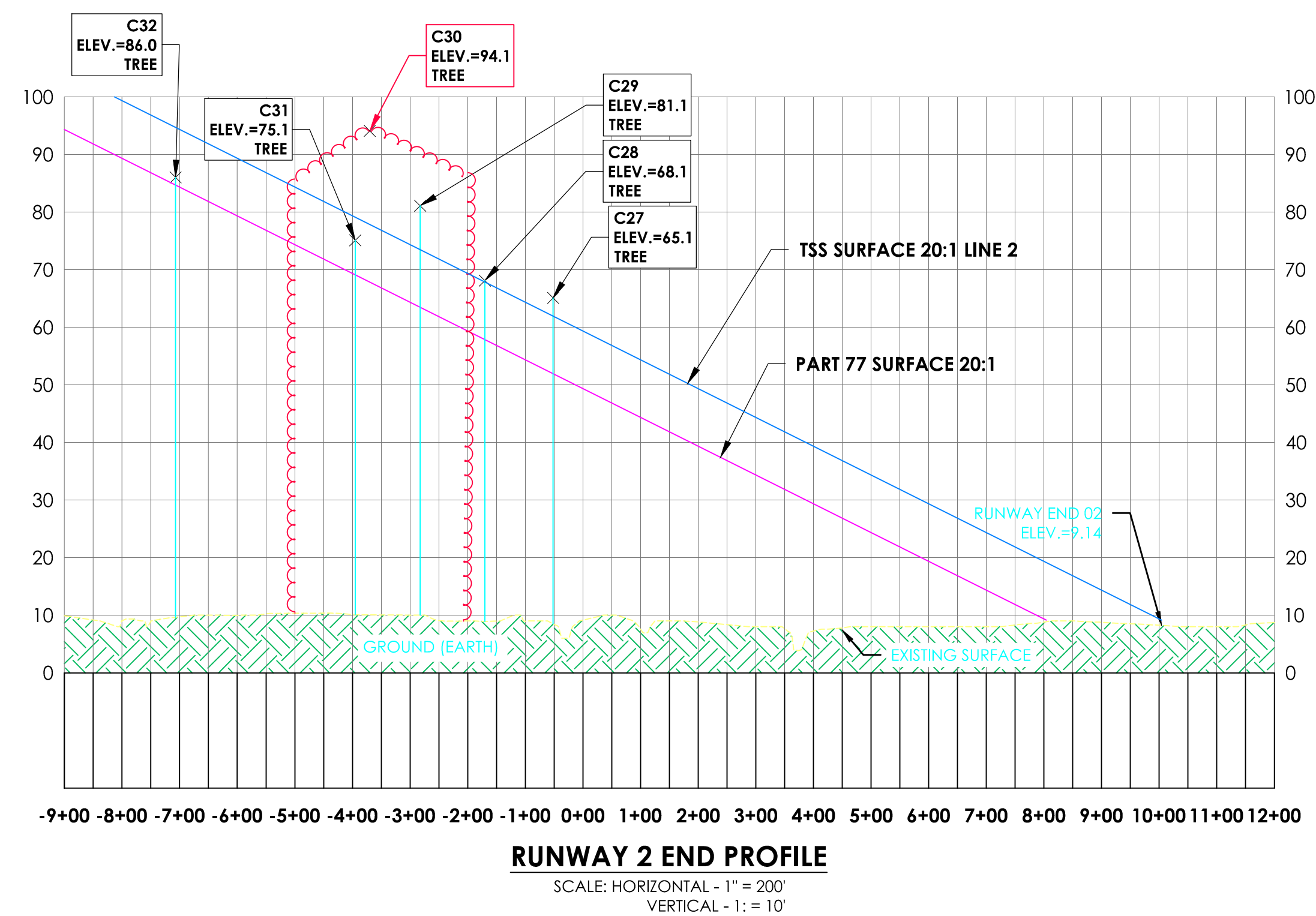


**PART 77 OBSTRUCTIONS**

ID	DESCRIPTION	OBJECT ELEVATION	SURFACE HEIGHT ALLOWED	20:1 P77 PENETRATION	ON/OFF AIRPORT	DISPOSITION
C27	TREE	65.1	52.1	13	OFF	REMOVE
C28	TREE	68.1	57.8	10.3	OFF	REMOVE
C29	TREE	81.1	63.4	17.7	OFF	REMOVE
C30	TREE GROUP (5010)	94.1	69.2	24.9	ON/OFF	REMOVE
C31	TREE	75.1	67.8	7.3	OFF	REMOVE
C32	TREE	86	84.8	1.2	OFF	REMOVE

**TSS OBSTRUCTIONS**

ID	DESCRIPTION	OBJECT ELEVATION	SURFACE HEIGHT ALLOWED	20:1 TSS PENETRATION	ON/OFF AIRPORT	DISPOSITION
C27	TREE	65.1	62	3.1	OFF	REMOVE
C28	TREE	68.1	67.9	0.2	OFF	REMOVE
C29	TREE	81.1	73.4	7.7	OFF	REMOVE
C30	TREE GROUP (5010)	94.1	77.9	16.2	ON/OFF	REMOVE



Client:  
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Revisions			
No.	Date	By	Description

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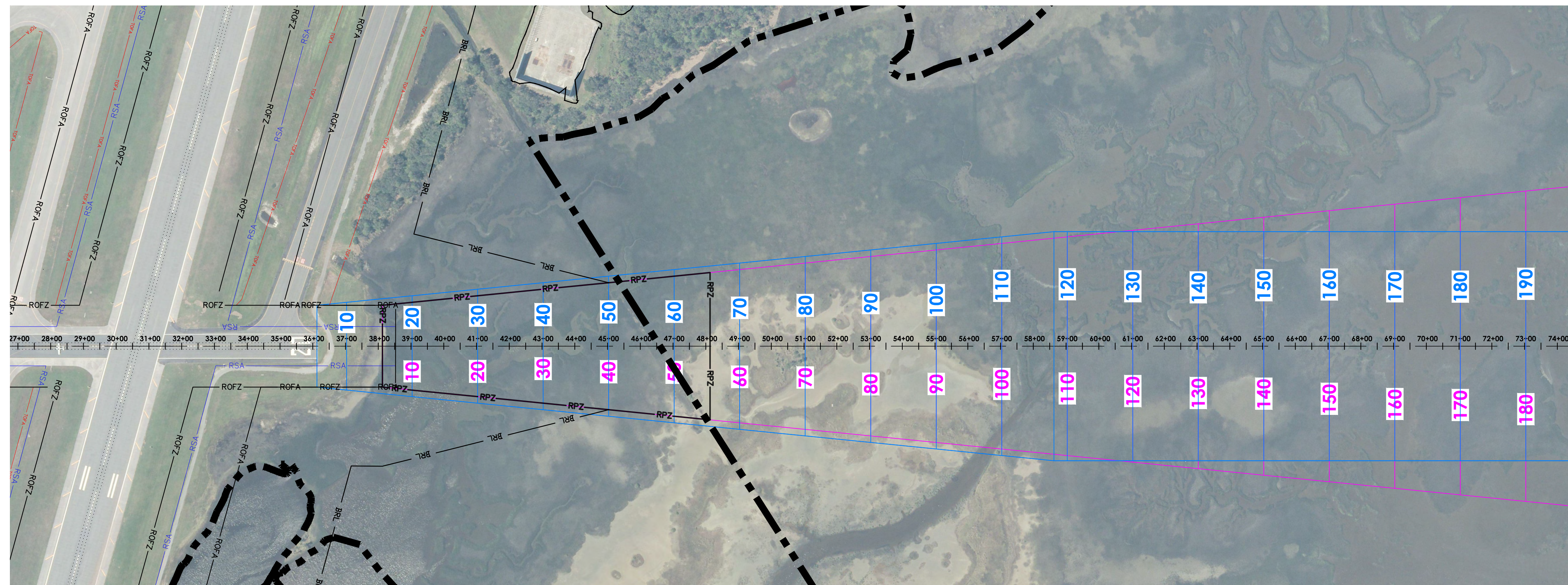
Airport Layout Plan Update  
Inner Portion of the Runway 02 Approach Surface

Northeast Florida Regional Airport  
Town/City: City of St. Augustine  
County: St. Johns State: Florida

Project No. 23081.70

Drawing No. Sheet 12

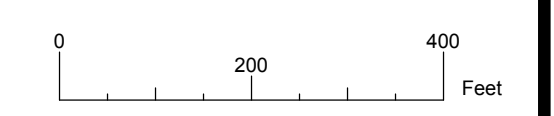
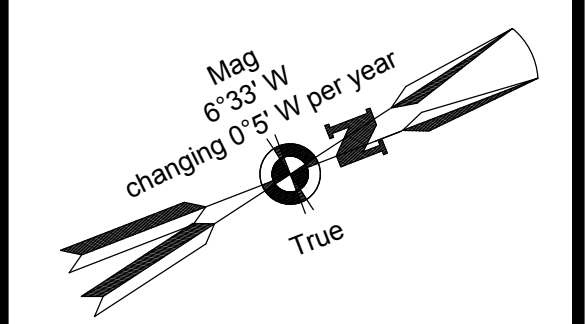
Date February 2020



**LEGEND**

- RSA - Runway Safety Area
- ROFA - Runway Object Free Area
- RPZ - Runway Protection Zone
- TSS - Threshold Siting Surface
- AS - Approach Surface
- Tree Group Profile
- Tree Group Plan
- Obstruction Point Profile

- NOTES:**
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Revisions			
No.	Date	By	Description

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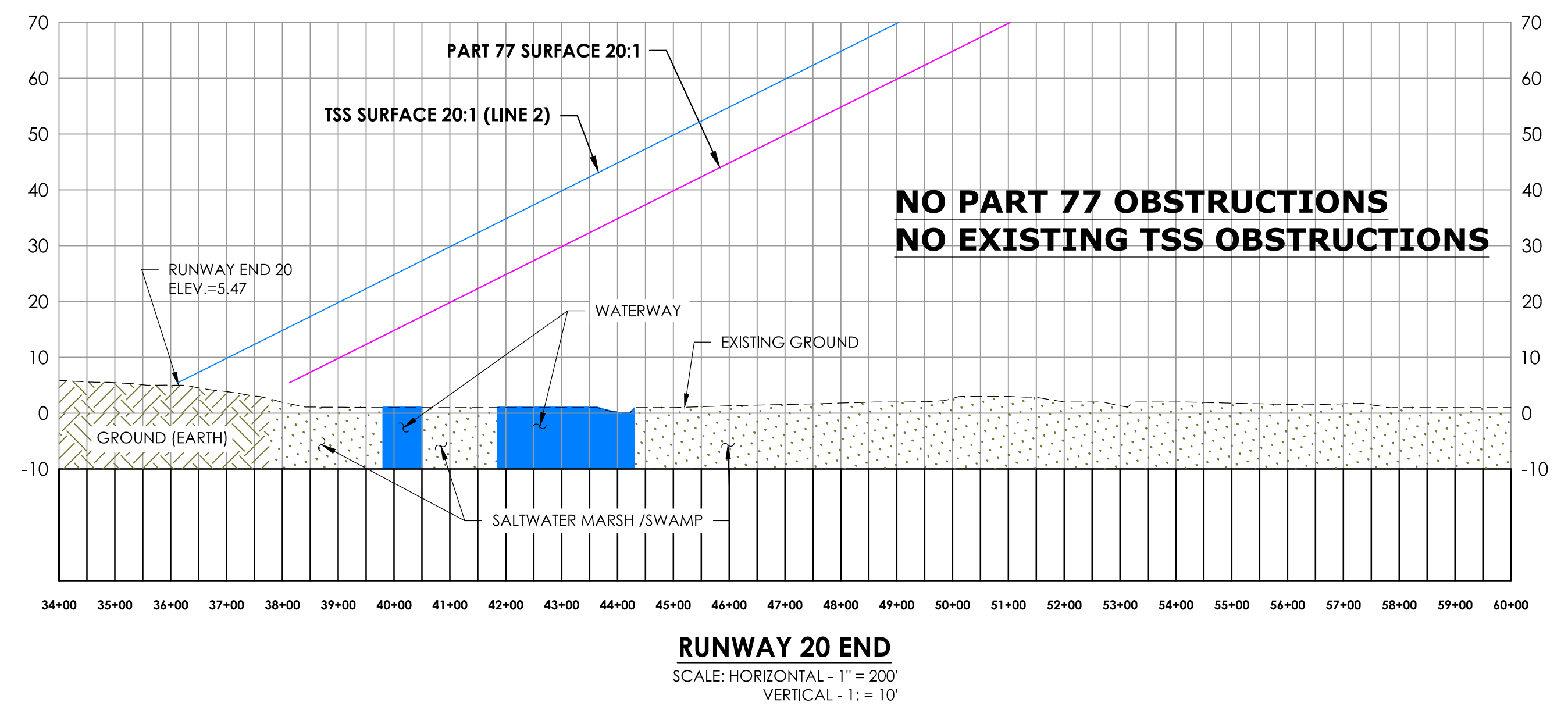
Airport Layout Plan Update  
 Inner Portion of the Runway 20 Approach Surface

Northeast Florida Regional Airport  
 Town/City: City of St. Augustine  
 County: St. Johns State: Florida

Project No. 23081.70

Drawing No. Sheet 13

Date February 2020



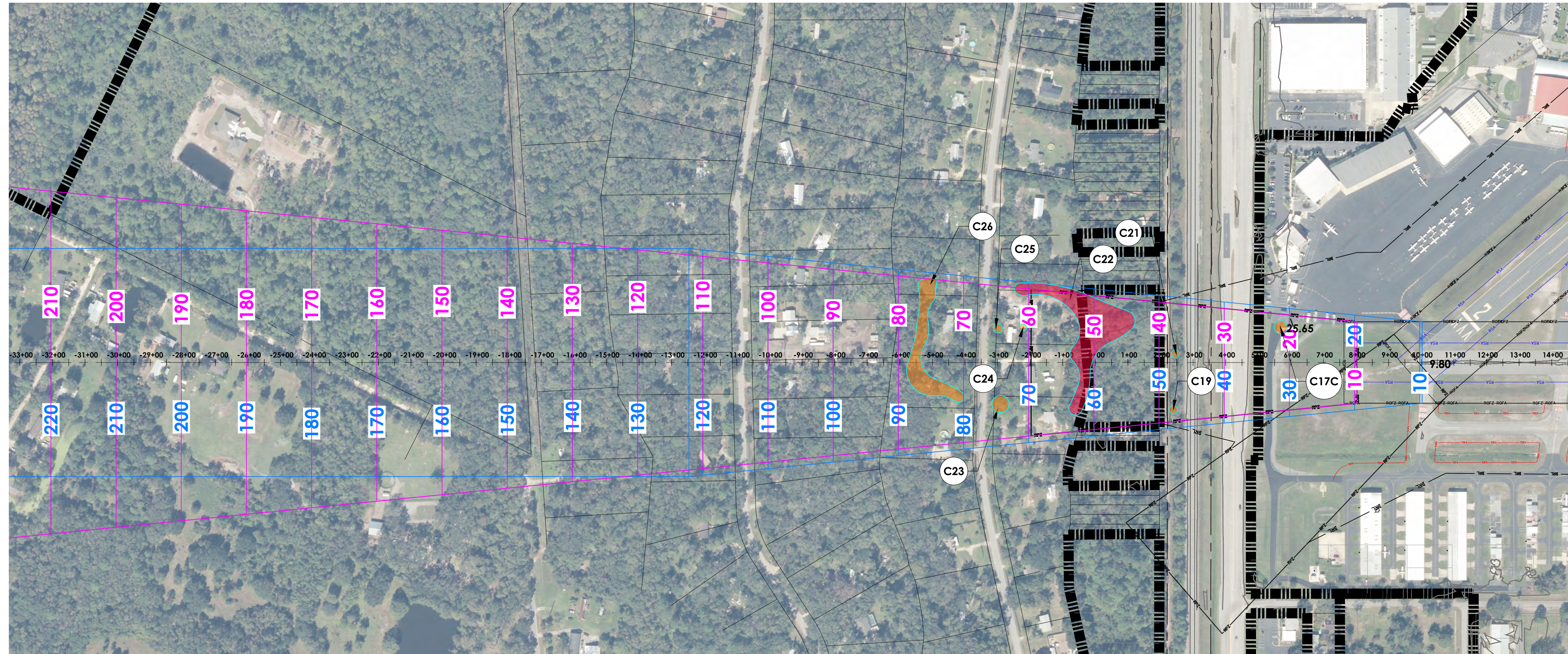
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**NOTES:**

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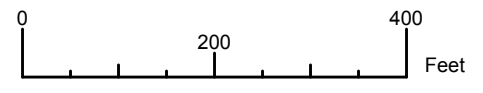
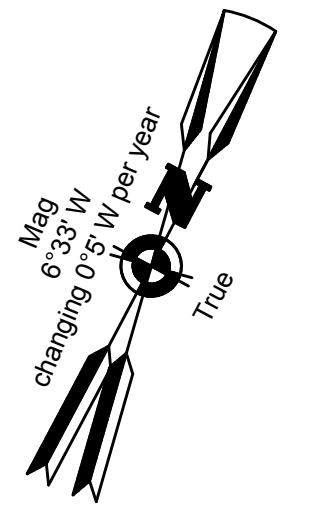
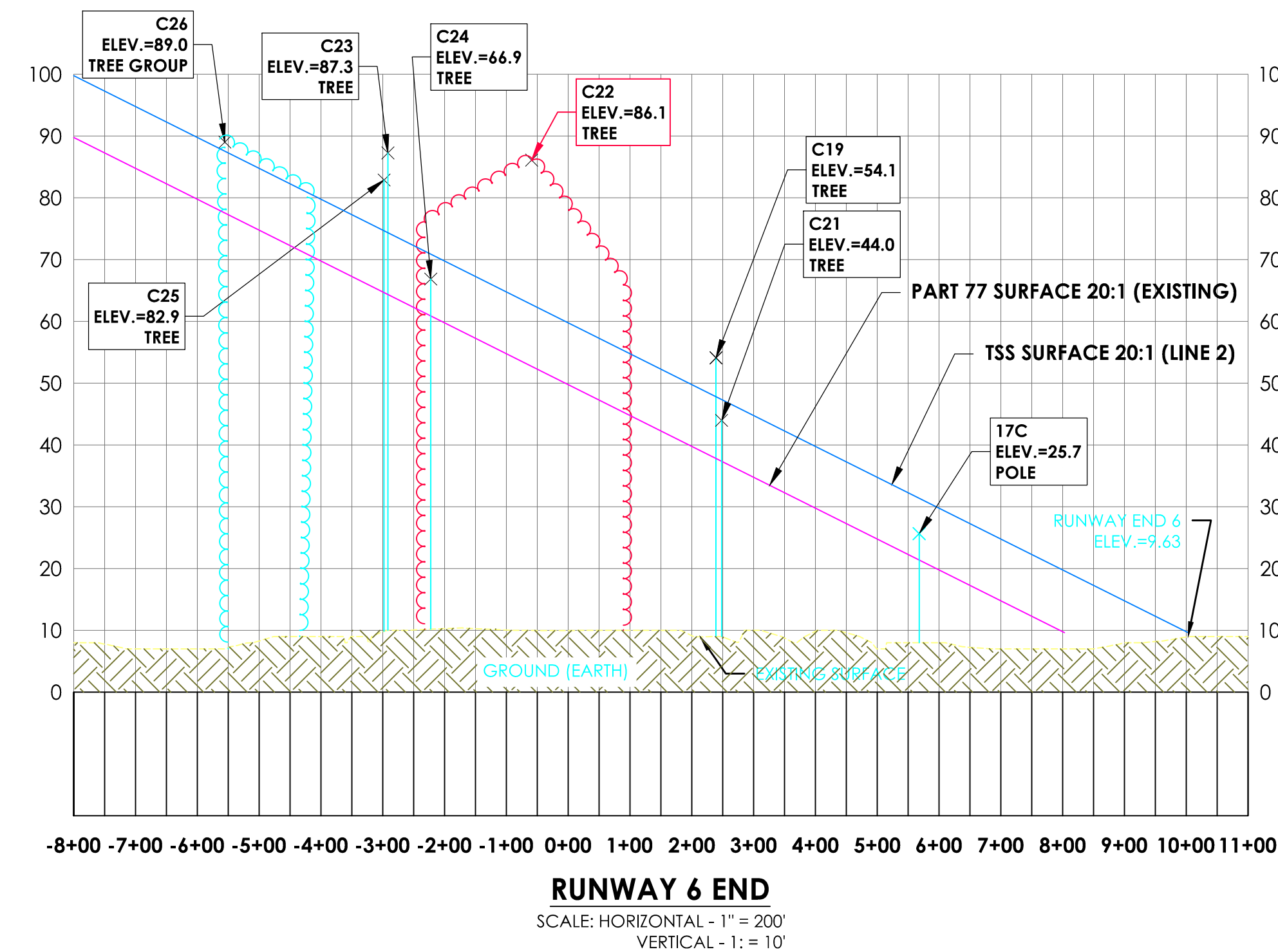


**PART 77 OBSTRUCTIONS (EXISTING)**

ID	DESCRIPTION	OBJECT ELEVATION	SURFACE HEIGHT ALLOWED	20:1 P77 PENETRATION	ON/OFF AIRPORT	DISPOSITION
C19	TREE	54.1	37.800	16.3	OFF	TRIM
C21	TREE	44	37.400	6.6	OFF	TRIM
C22	TREE GROUP (5010)	86.1	52.700	33.4	ON/OFF	TRIM
C23	TREE GROUP	87.3	64.400	22.9	OFF	TRIM
C24	TREE	66.9	60.900	6	OFF	TRIM
C25	TREE	82.9	64.700	18.2	OFF	TRIM
C26	TREE GROUP	89	77.500	11.5	OFF	TRIM
C17C	POLE	25.7	21.400	4.3	ON	REMOVED, LOWERED, LIGHT/MARK OR DISPLACE RUNWAY THRESHOLD

**TSS OBSTRUCTIONS (EXISTING)**

ID	DESCRIPTION	OBJECT ELEVATION	SURFACE HEIGHT ALLOWED	20:1 TSS PENETRATION	ON/OFF AIRPORT	DISPOSITION
C19	TREE	54.1	47.8	6.3	OFF	REMOVE
C22	TREE GROUP (5010)	86.1	62.7	23.4	ON/OFF	REMOVE
C23	TREE GROUP	87.3	74.5	12.8	OFF	REMOVE
C25	TREE	82.9	74.7	8.2	OFF	REMOVE
C26	TREE GROUP	89	87.5	1.5	OFF	REMOVE



Client:  
**St. Augustine-St. Johns  
County Airport Authority**  
4900 U.S. Highway 1, North  
St. Augustine, FL 32095

**Passero Associates**  
4730 Casa Cola Way, Suite 200 (904) 757-6106  
St. Augustine, FL 32095 www.passero.com  
Principal-in-Charge: Andrew M. Holesko  
Project Manager: Lisa Cheung  
Designed by: Wayne B. Zian

Revisions			
No.	Date	By	Description

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Airport Layout Plan Update  
Inner Portion of the  
Runway 06 Approach  
Surface

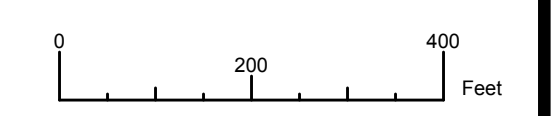
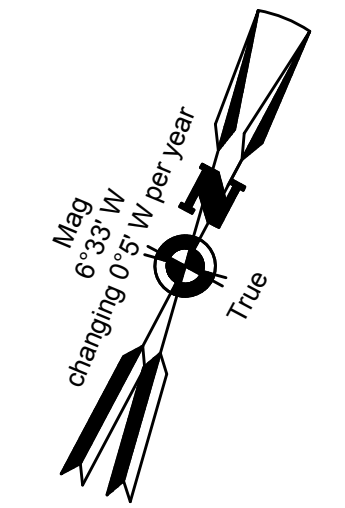
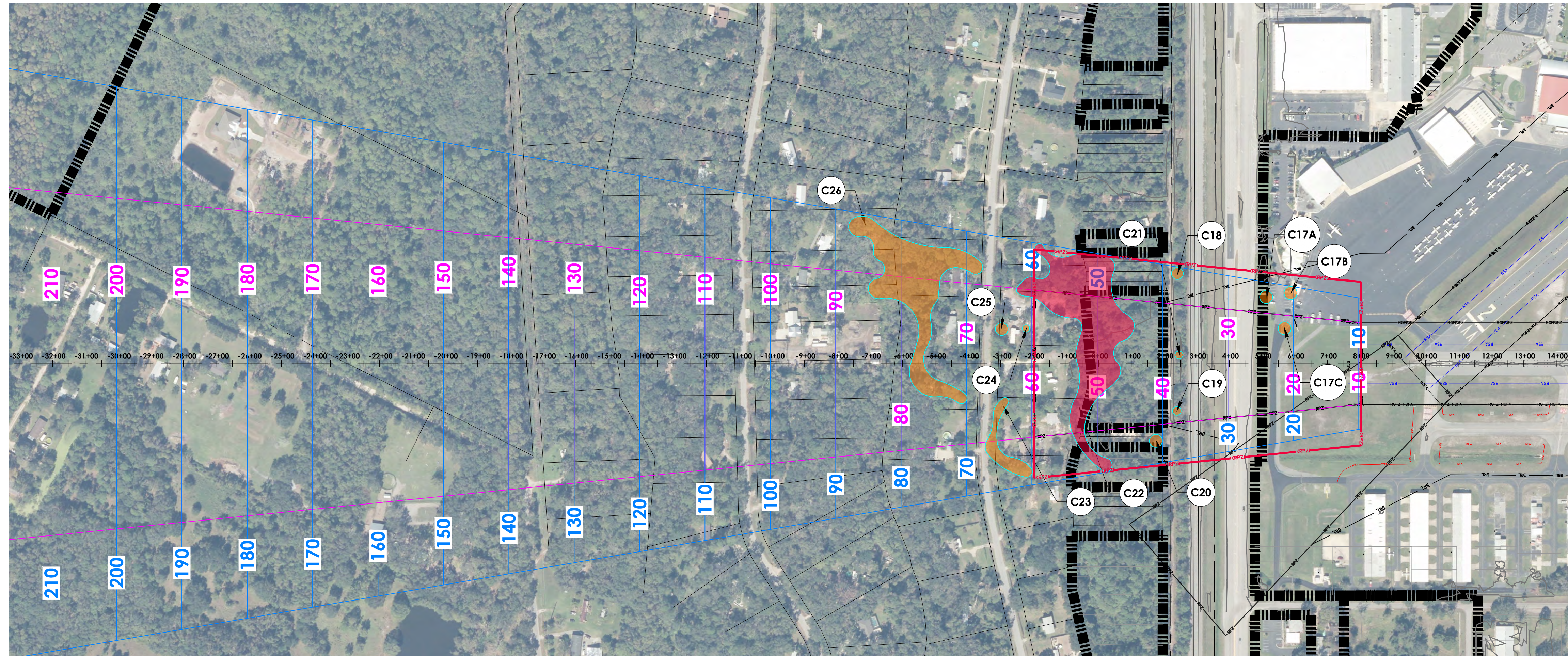
Northeast Florida  
Regional Airport  
Town/City: City of St. Augustine  
County: St. Johns State: Florida

Project No.  
**23081.70**

Drawing No.  
**Sheet 14A**

Date  
**February 2020**

- NOTES:**
1. ALL OBSTRUCTION DATA, RUNWAY COORDINATES AND ELEVATIONS FOR ARP, RUNWAY ENDS, AND DISPLACED THRESHOLDS HAVE BEEN OBTAINED FROM THE 2016 QUANTUM SPATIAL SURVEY. PLEASE NOTE THAT THE COORDINATES AND ELEVATION VALUES ARE DIFFERENT FROM THE PUBLISHED VALUES ON THE FAA 5010. THEREFORE, THE FAA 5010 FOR SGJ NEEDS TO BE UPDATED.
  2. TREES IDENTIFIED IN THE FAA 5010 MASTER RECORD ARE INCLUDED WITHIN THE RED OBSTRUCTION AREA IDENTIFIED IN THE PLAN AND PROFILE.
  3. ALL OBJECT ELEVATIONS ARE CURRENT AS OF THIS ALP UPDATE AND ARE SUBJECT TO CHANGE.



**LEGEND**

- RSA - Runway Safety Area
- ROFA - Runway Object Free Area
- RPZ - Runway Protection Zone
- RPZ - Future Runway Protection Zone
- TSS - Threshold Siting Surface
- AS - Approach Surface

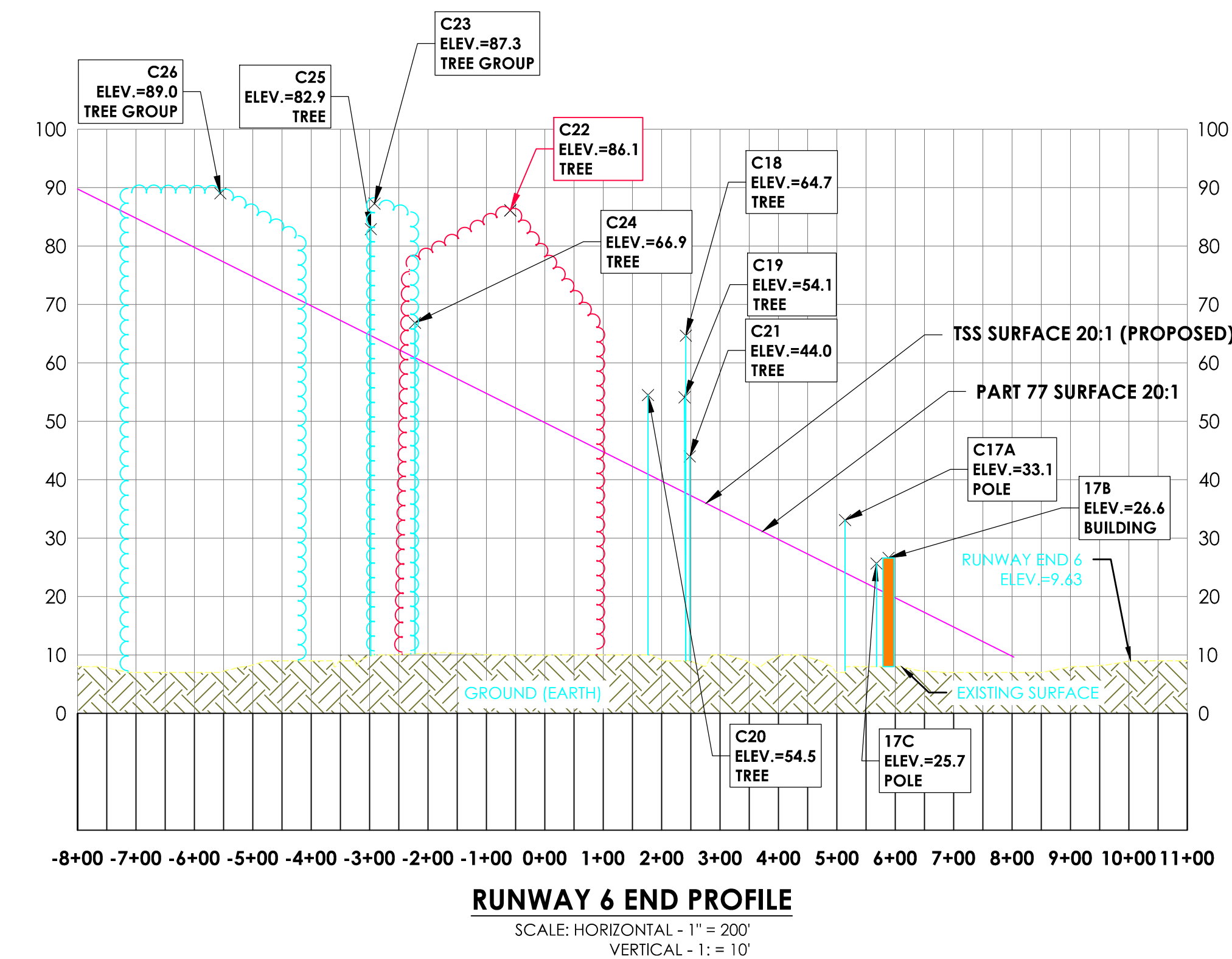
- Tree Group Profile
- FAA 5010 Tree Obstruction Area Profile
- Tree Group Plan
- FAA 5010 Tree Obstruction Area Plan
- Obstruction Point Profile

**PART 77 OBSTRUCTIONS (PROPOSED)**

ID	DESCRIPTION	OBJECT ELEVATION	SURFACE HEIGHT ALLOWED	20:1 P77 PENETRATION	ON/OFF AIRPORT	DISPOSITION
C19	TREE	54.1	37.800	16.3	OFF	TRIM
C21	TREE	44	37.400	6.6	OFF	TRIM
C22	TREE GROUP (5010)	86.1	52.700	33.4	ON/OFF	TRIM
C23	TREE GROUP	87.3	64.400	22.9	OFF	TRIM
C24	TREE	66.9	60.900	6	OFF	TRIM
C25	TREE	82.9	64.700	18.2	OFF	TRIM
C26	TREE GROUP	89	77.500	11.5	OFF	TRIM
C17C	POLE	25.7	21.400	4.3	ON	REMOVED, LOWERED, LIGHT/MARK OR DISPLACE RUNWAY THRESHOLD

**TSS OBSTRUCTIONS (PROPOSED)**

ID	DESCRIPTION	OBJECT ELEVATION	SURFACE HEIGHT ALLOWED	20:1 TSS PENETRATION	ON/OFF AIRPORT	DISPOSITION
C17A	TREE	33.1	24.1	9	ON	REMOVE
C17B	POLE	26.6	20.4	6.2	ON	LIGHT
C17C	POLE	25.6	20.4	5.2	ON	LIGHT
C18	TREE	64.7	37.8	26.9	OFF	REMOVE
C19	TREE	54.1	37.5	16.6	OFF	REMOVE
C20	TREE	54.5	41	13.5	OFF	REMOVE
C21	TREE	44	37.4	6.6	OFF	REMOVE
C22	TREE GROUP (5010)	86.1	52.7	33.4	ON/OFF	REMOVE
C23	TREE GROUP	87.3	64.5	22.8	OFF	REMOVE
C24	TREE	66.9	60.7	6.2	OFF	REMOVE
C25	TREE	82.9	64.8	18.1	OFF	REMOVE
C26	TREE GROUP	89	77.5	11.5	OFF	REMOVE



Client:  
**St. Augustine-St. Johns County Airport Authority**  
4900 U.S. Highway 1, North  
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St. Augustine, FL 32095  
(904) 757-6106  
www.passero.com  
Principal-in-Charge: Andrew M. Holesko  
Project Manager: Lisa Cheung  
Designed by: Wayne B. Zian

**Revisions**

No.	Date	By	Description

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Airport Layout Plan Update  
Inner Portion of the Runway 06 Approach Surface (Proposed)

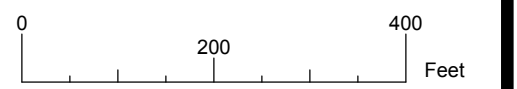
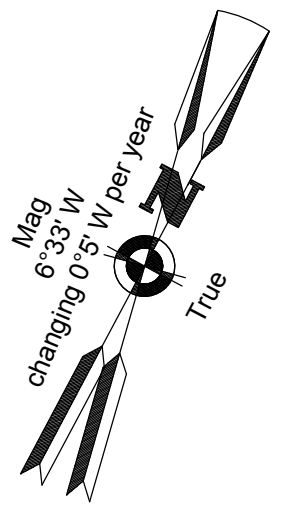
Northeast Florida Regional Airport

Town/City: City of St. Augustine  
County: St. Johns State: Florida

Project No. 23081.70

Drawing No. Sheet 14B

Date February 2020



Client:

**St. Augustine-St. Johns  
County Airport Authority**  
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St. Augustine, FL 32095

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No.	Date	By	Description

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Airport Layout Plan Update  
Inner Portion of the  
Runway 24 Approach  
Surface

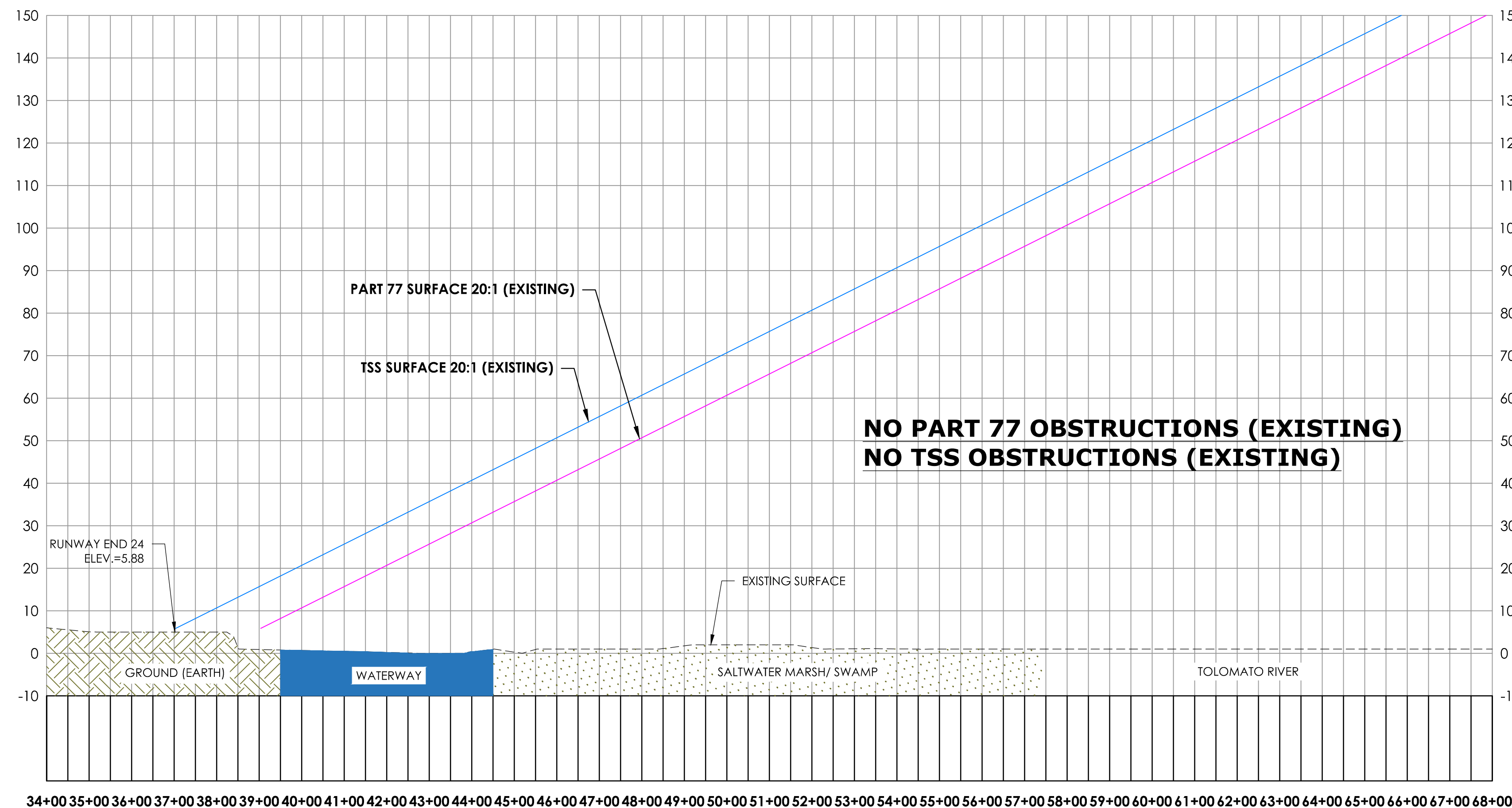
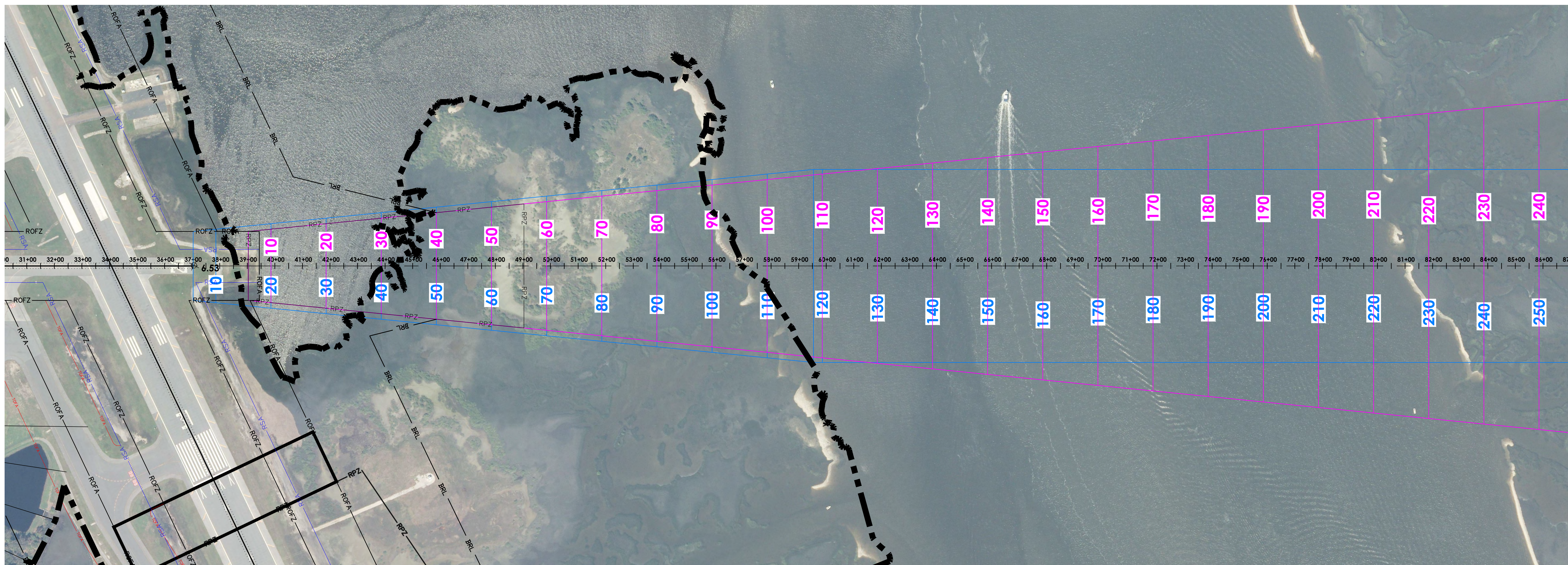
Northeast Florida  
Regional Airport

Town/City: City of St. Augustine  
County: St. Johns State: Florida

Project No.  
23081.70

Drawing No.  
Sheet 15A

Date  
February 2020



**NO PART 77 OBSTRUCTIONS (EXISTING)**  
**NO TSS OBSTRUCTIONS (EXISTING)**

**RUNWAY 24 END**  
SCALE: HORIZONTAL - 1" = 200'  
VERTICAL - 1" = 10'

**LEGEND**

- RSA - Runway Safety Area
- ROFA - Runway Object Free Area
- RPZ - Runway Protection Zone
- TSS - Threshold Siting Surface
- AS - Approach Surface

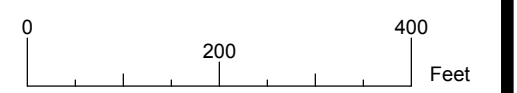
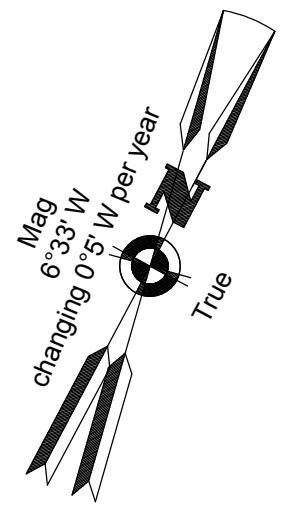
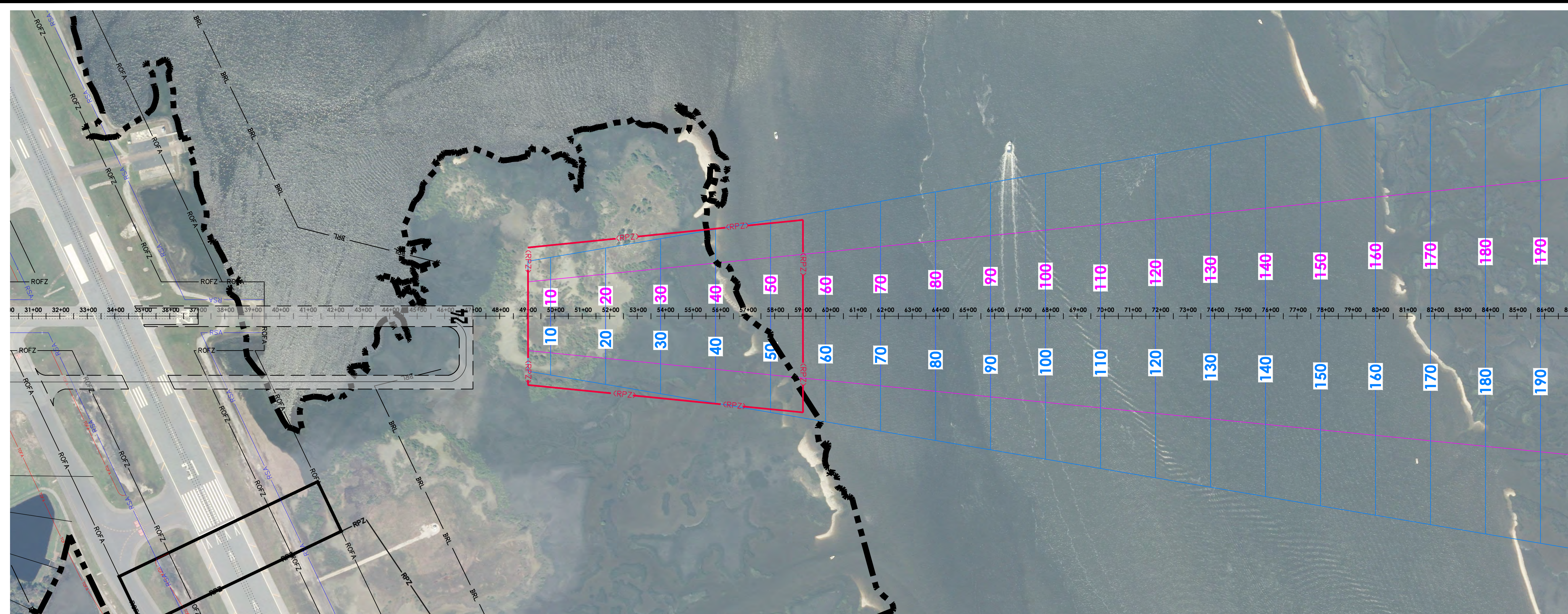
- Tree Group Profile

- Tree Group Plan

- Obstruction Point Profile

**NOTES:**

1. ALL OBSTRUCTION DATA, RUNWAY COORDINATES AND ELEVATIONS FOR ARP, RUNWAY ENDS, AND DISPLACED THRESHOLDS HAVE BEEN OBTAINED FROM THE 2016 QUANTUM SPATIAL SURVEY. PLEASE NOTE THAT THE COORDINATES AND ELEVATION VALUES ARE DIFFERENT FROM THE PUBLISHED VALUES ON THE FAA 5010. THEREFORE, THE FAA 5010 FOR SGJ NEEDS TO BE UPDATED.
2. ALL OBJECT ELEVATIONS ARE CURRENT AS OF THIS ALP UPDATE AND ARE SUBJECT TO CHANGE.



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Principal-in-Charge Andrew M. Holesko  
Project Manager Lisa Cheung  
Designed by Wayne B. Zian

Revisions			
No.	Date	By	Description

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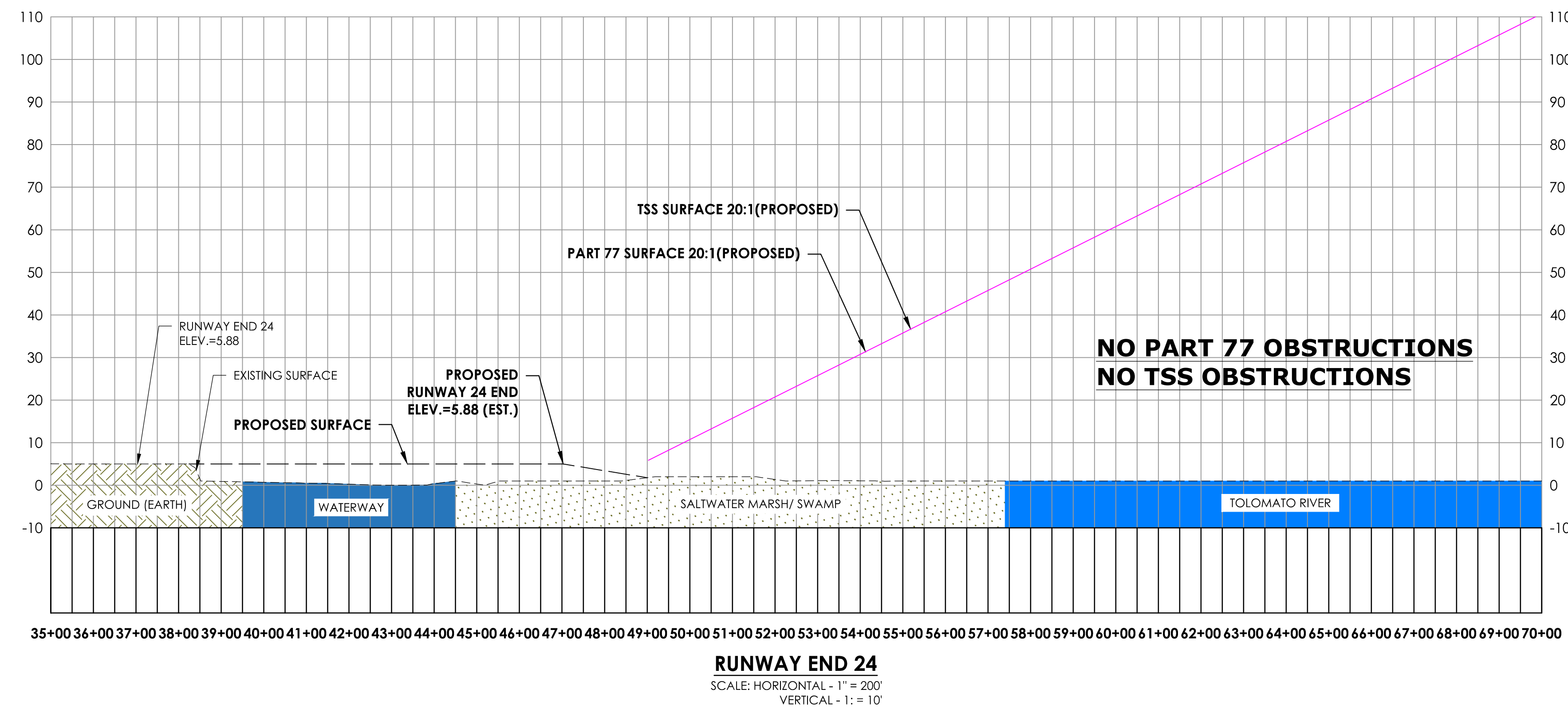
Airport Layout Plan Update  
Inner Portion of the  
Runway 24 Approach  
Surface (Proposed)

Northeast Florida  
Regional Airport  
Town/City: City of St. Augustine  
County: St. Johns State: Florida

Project No.  
23081.70

Drawing No.  
Sheet 15B

Date  
February 2020



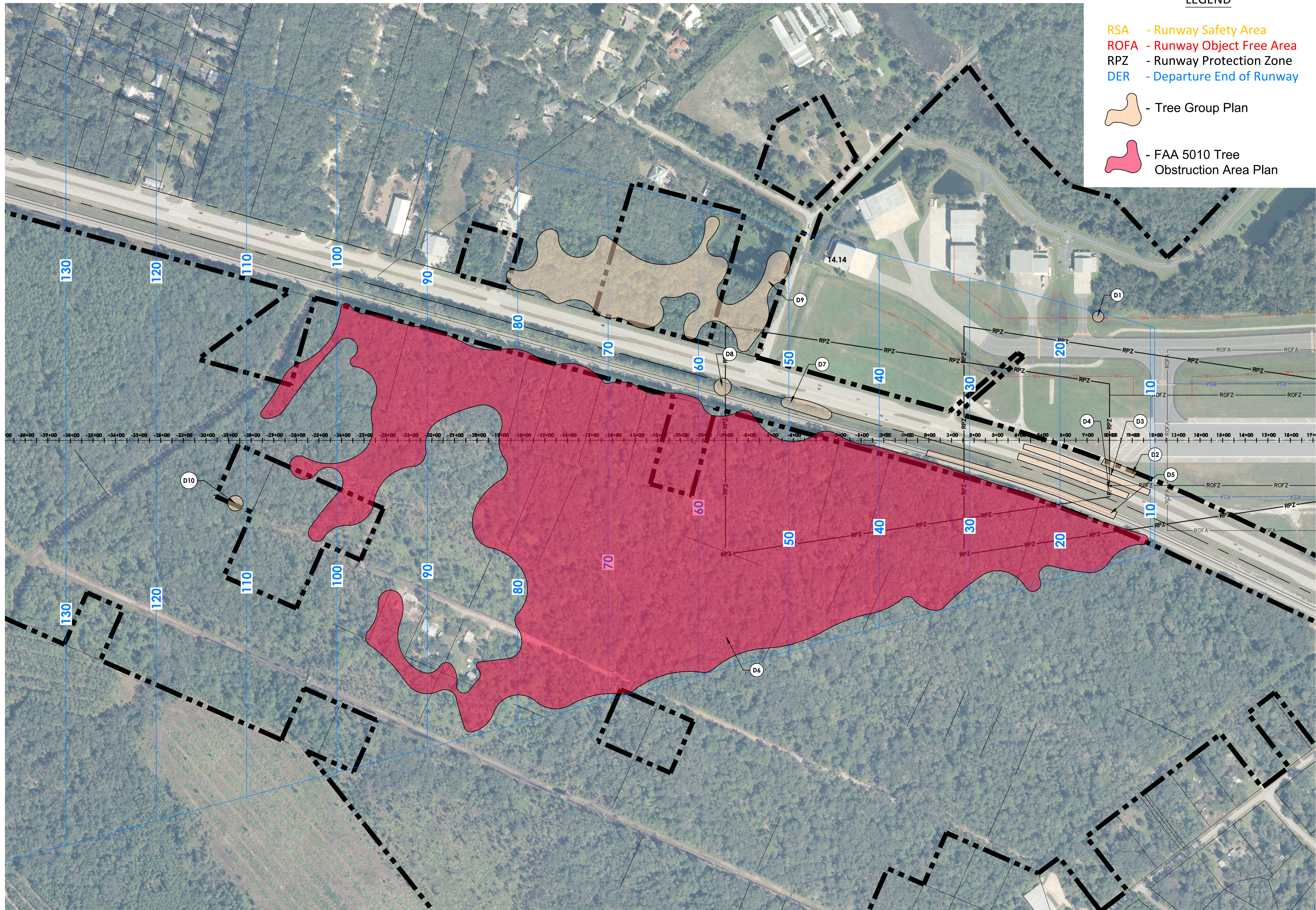
**LEGEND**

- RSA - Runway Safety Area
- ROFA - Runway Object Free Area
- RPZ - Runway Protection Zone
- RPZ - Future Runway Protection Zone
- TSS - Threshold Siting Surface
- AS - Approach Surface

- Tree Group Profile
- Tree Group Plan
- Obstruction Point Profile

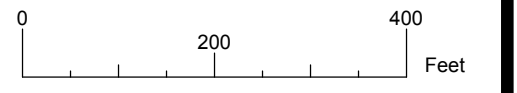
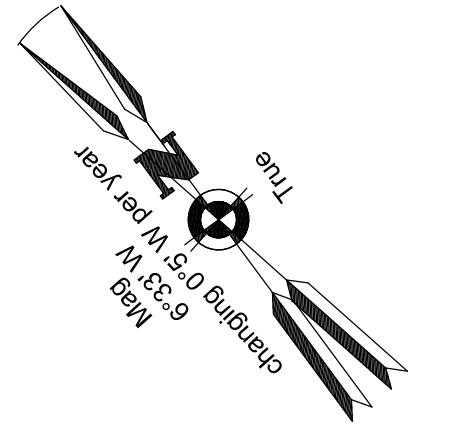
**NOTES:**

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**LEGEND**

- RSA - Runway Safety Area
- ROFA - Runway Object Free Area
- RPZ - Runway Protection Zone
- DER - Departure End of Runway
- Tree Group Plan
- FAA 5010 Tree Obstruction Area Plan



Client:  
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 4900 U.S. Highway 1, North  
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Revisions			
No.	Date	By	Description

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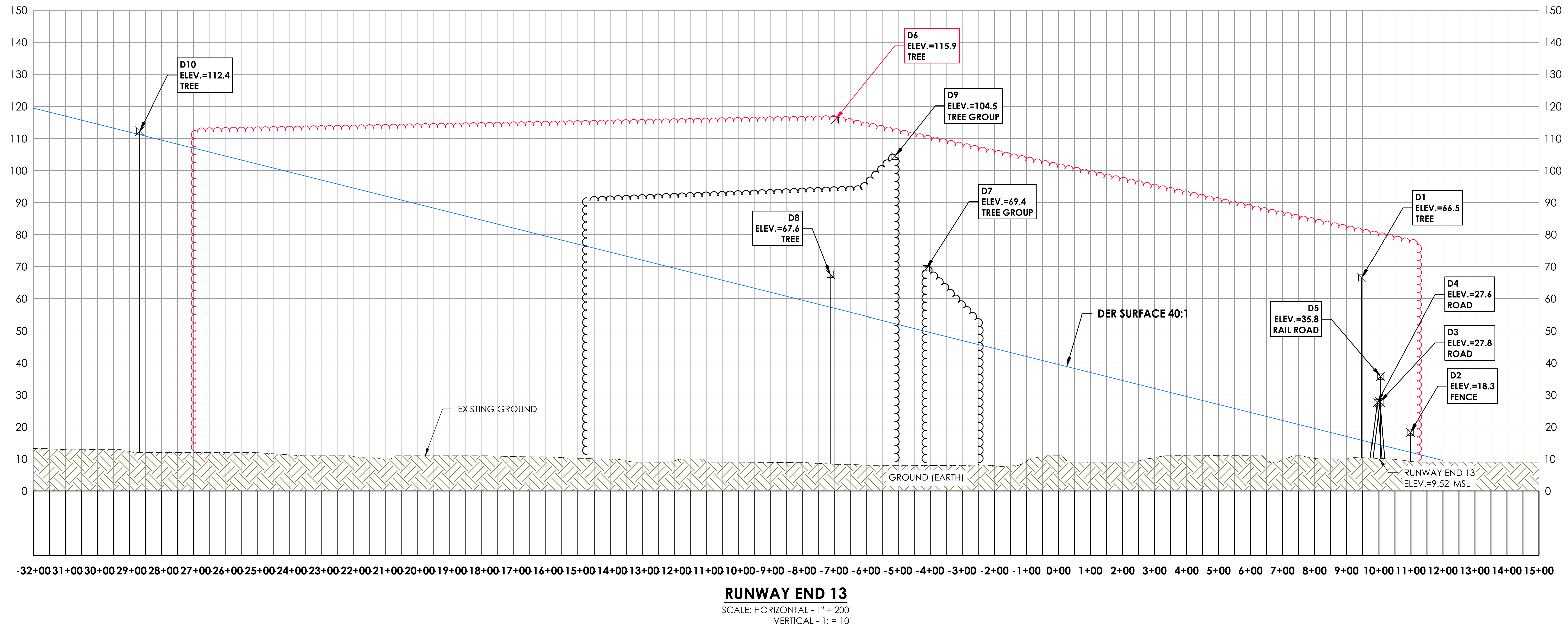
Airport Layout Plan Update  
 Departure Surface  
 Runway 31 Plan

Northeast Florida Regional Airport  
 Town/City: City of St. Augustine  
 County: St. Johns State: Florida

Project No. 23081.70

Drawing No. Sheet 16A

Date February 2020



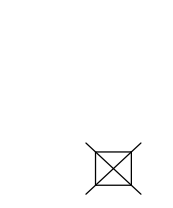


ID	DESCRIPTION	OBJECT ELEVATION	SURFACE HEIGHT ALLOWED	40:1 DER Penetration	ON/OFF AIRPORT	DISPOSITION
D1	TREE	66.5	15.8	50.7	ON	TRIM
D2	FENCE	18.3	12.1	6.2	ON	LIGHT OR MARK
D3	ROAD	27.8	14.4	13.4	OFF	NONE
D4	ROAD	27.6	14.6	13	OFF	NONE
D5	RAILROAD	35.8	14.4	21.4	OFF	NONE
D6	TREE GROUP (5010)	115.9	56.9	59	OFF	TRIM
D7	TREE GROUP	69.4	49.8	19.6	OFF	TRIM
D8	TREE	67.6	57.3	10.3	OFF	TRIM
D9	TREE GROUP	104.5	52.3	52.2	ON/OFF	TRIM
D10	TREE	112.4	111.2	1.2	ON/OFF	TRIM

**NOTES:**

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**LEGEND**

-  - Tree Group Profile
-  - FAA 5010 Tree Obstruction Area Profile
-  - Obstruction Point Profile



Client:  
**St. Augustine-St. Johns County Airport Authority**  
4900 U.S. Highway 1, North  
St. Augustine, FL 32095

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Principal-in-Charge: Andrew M. Holesko  
Project Manager: Lisa Cheung  
Designed by: Wayne B. Zian

Revisions			
No.	Date	By	Description

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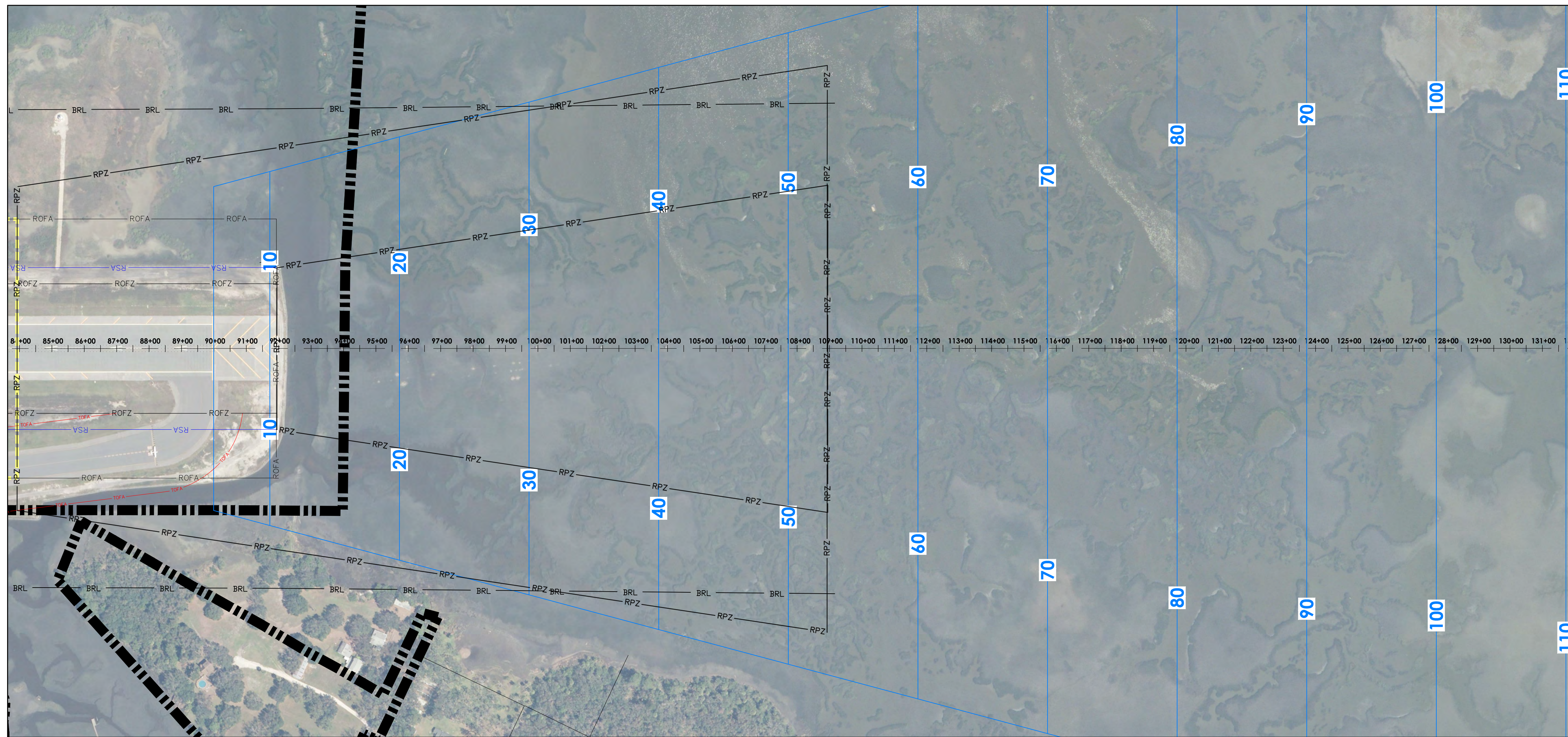
Airport Layout Plan Update  
Departure Surface  
Runway 31 Profile

Northeast Florida Regional Airport  
Town/City: St. Johns City of St. Augustine  
County: St. Johns State: Florida

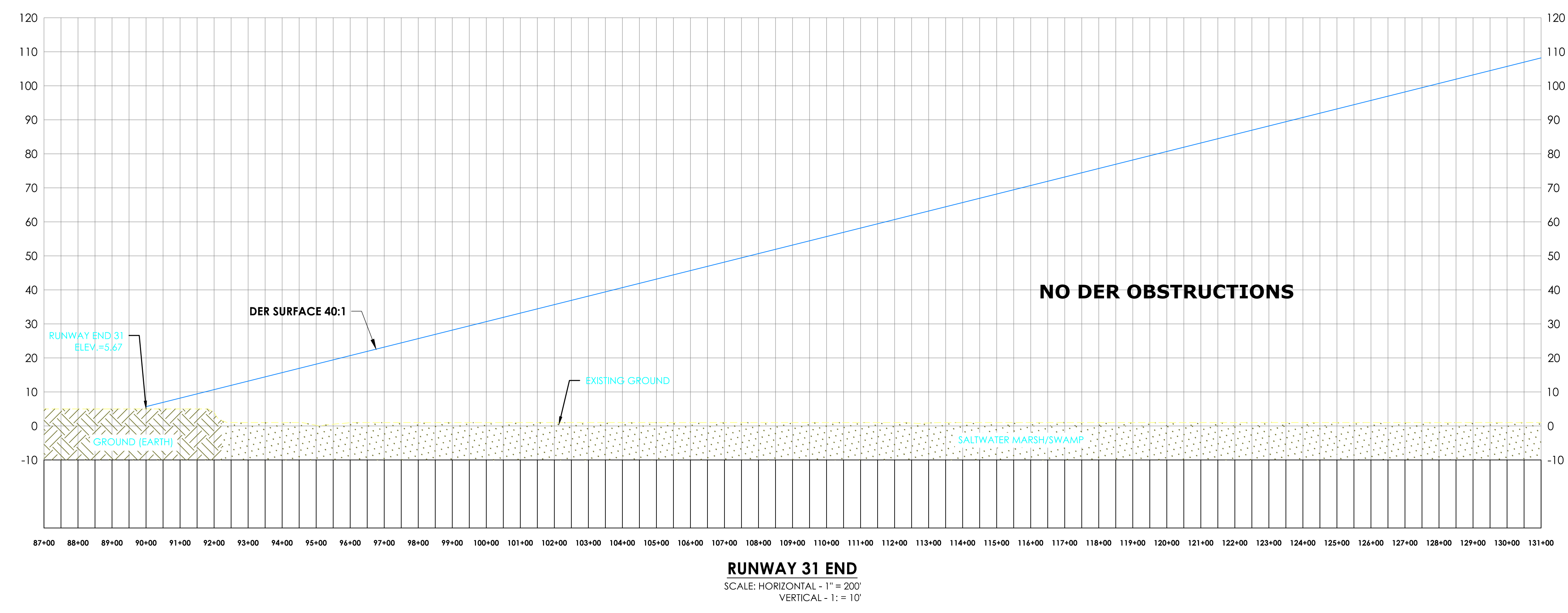
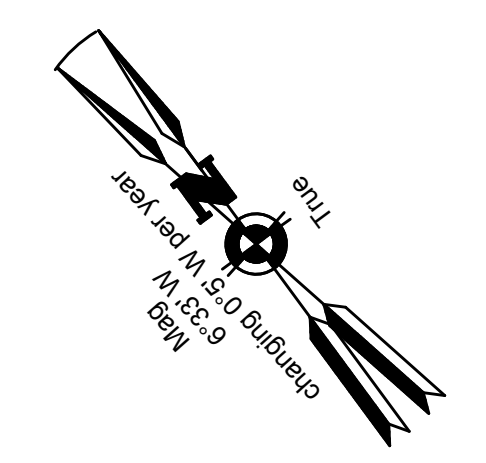
Project No. 23081.70

Drawing No. Sheet 16B

Date February 2020



- LEGEND**
- RSA - Runway Safety Area
  - ROFA - Runway Object Free Area
  - RPZ - Runway Protection Zone
  - DER - Departure End of Runway
  - Tree Group Profile
  - Tree Group Plan
  - Obstruction Point Profile



Client:  
**St. Augustine-St. Johns County Airport Authority**  
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Revisions			
No.	Date	By	Description

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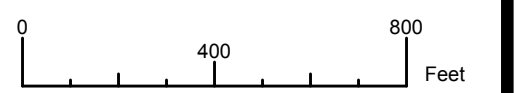
Airport Layout Plan Update  
Departure Surface  
Runway 13  
Plan and Profile  
Northeast Florida Regional Airport

Town/City: City of St. Augustine  
County: St. Johns State: Florida

Project No. 23081.70

Drawing No. Sheet 17

Date February 2020



Client:

**St. Augustine-St. Johns  
County Airport Authority**  
4900 U.S. Highway 1, North  
St. Augustine, FL 32095

**Passero Associates**

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**Revisions**

No.	Date	By	Description

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Airport Layout Plan Update  
Departure Surface  
Runway 6  
Plan and Profile  
(Proposed)

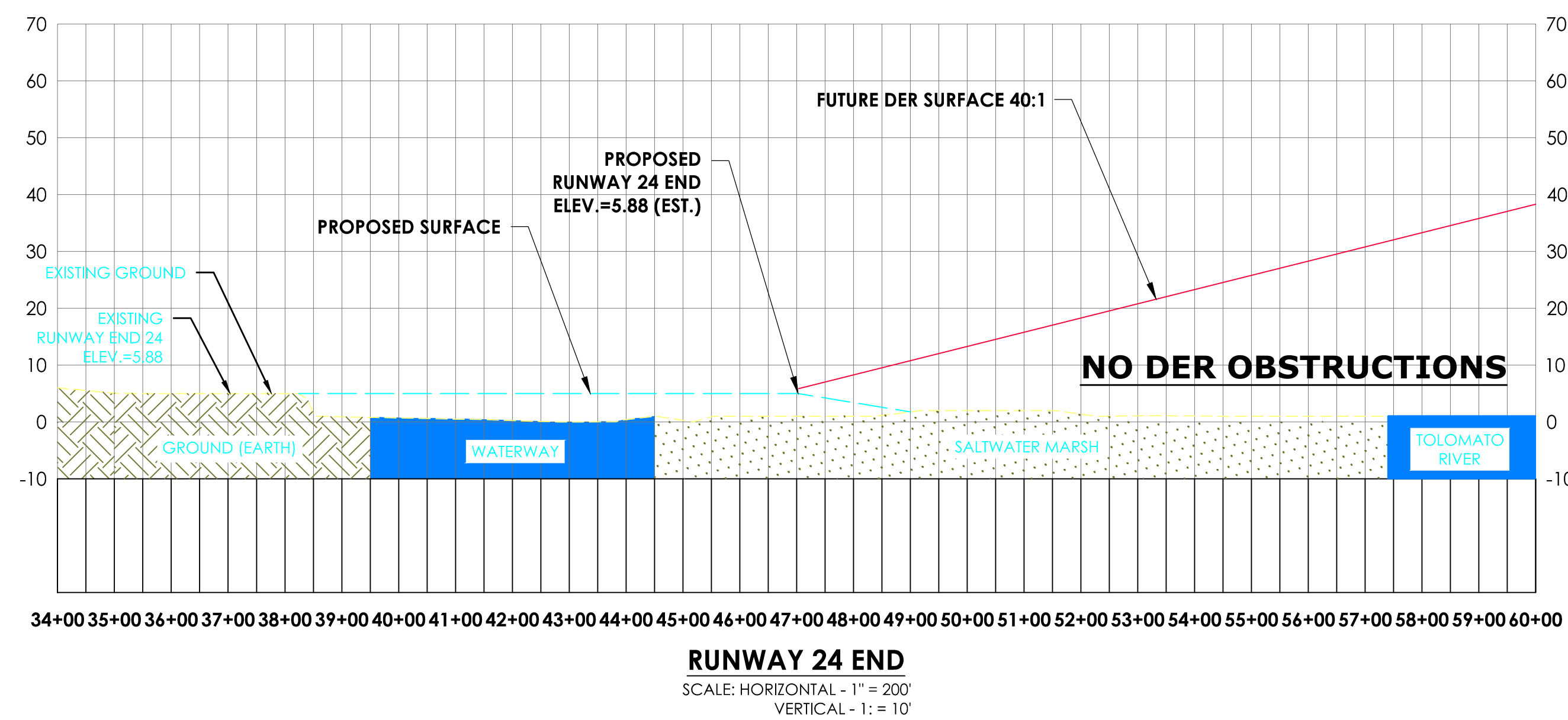
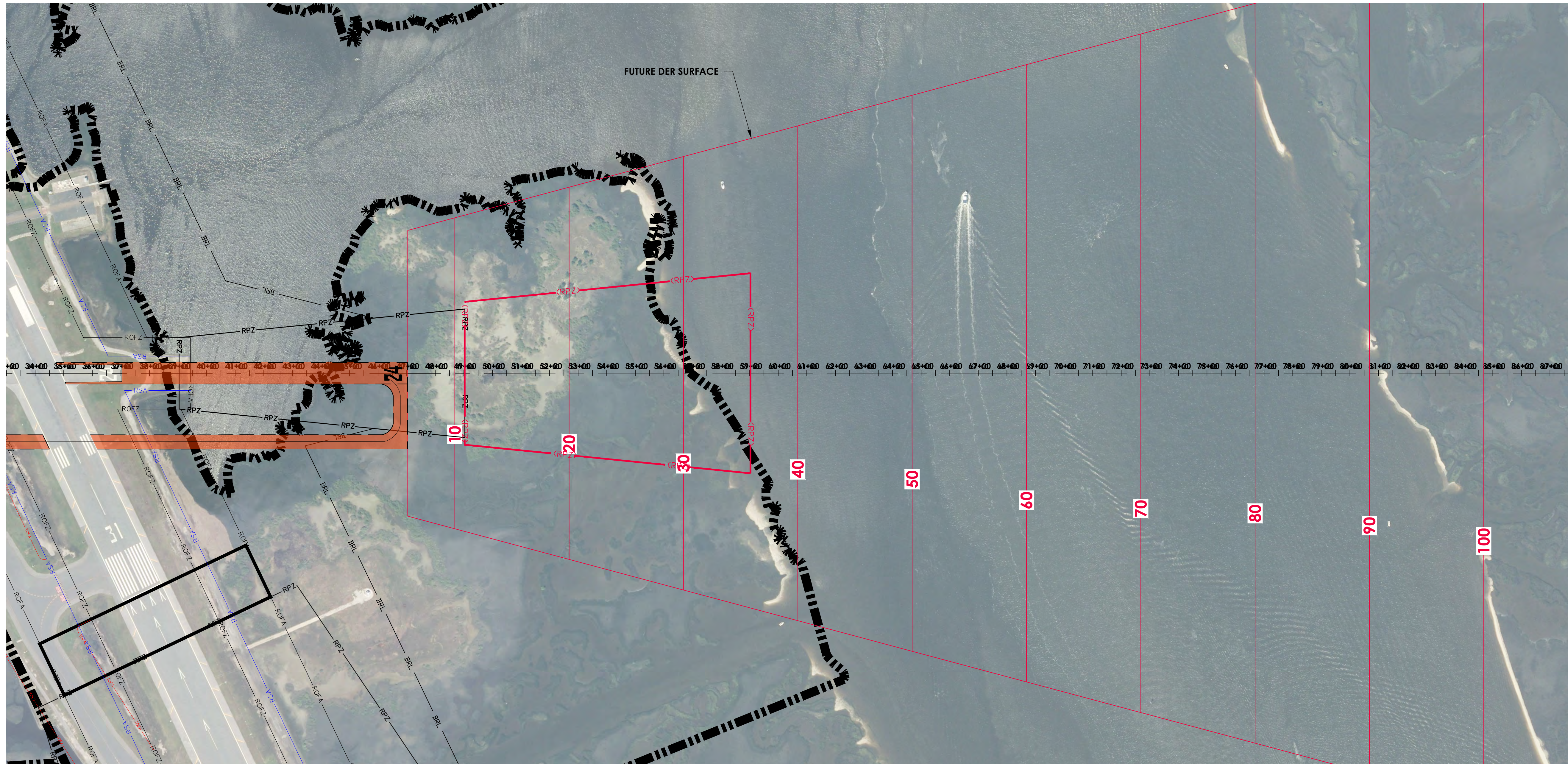
Northeast Florida  
Regional Airport

Town/City: City of St. Augustine  
County: St. Johns State: Florida

Project No.  
23081.70

Drawing No.  
Sheet 18

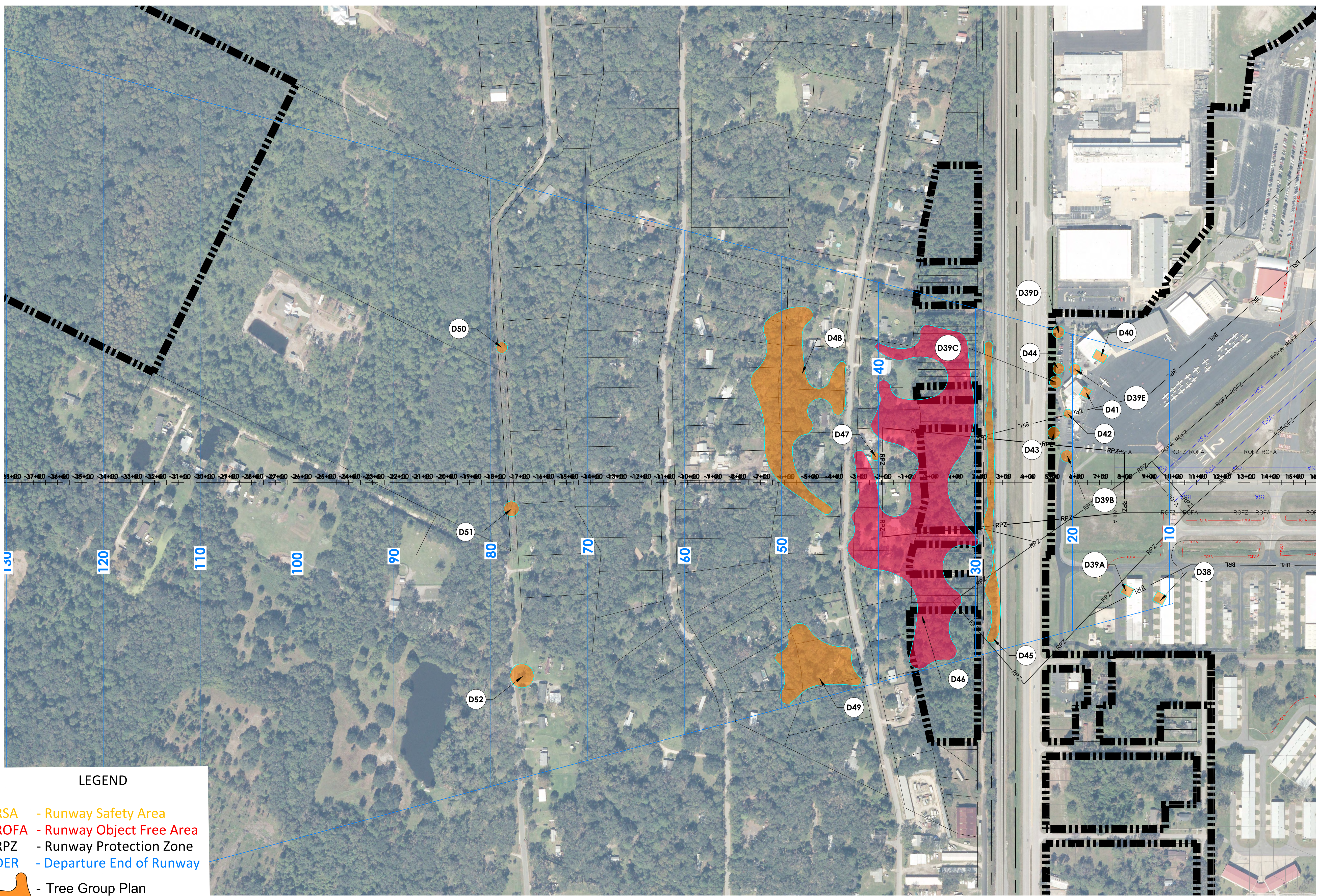
Date  
February 2020



**LEGEND**

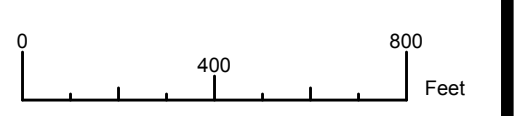
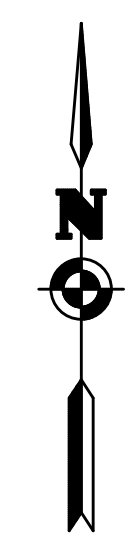
- RSA - Runway Safety Area
- ROFA - Runway Object Free Area
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- Tree Group Profile
- Tree Group Plan
- Obstruction Point Profile



**LEGEND**

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- ROFA - Runway Object Free Area
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- - Tree Group Plan
- - FAA 5010 Tree Obstruction Area Plan



Client:  
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Revisions			
No.	Date	By	Description

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Airport Layout Plan Update  
Departure Surface  
Runway 24  
Plan (Proposed)

Northeast Florida  
Regional Airport  
Town/City: City of St. Augustine  
County: St. Johns State: Florida

Project No.  
23081.70

Drawing No.  
Sheet 19A

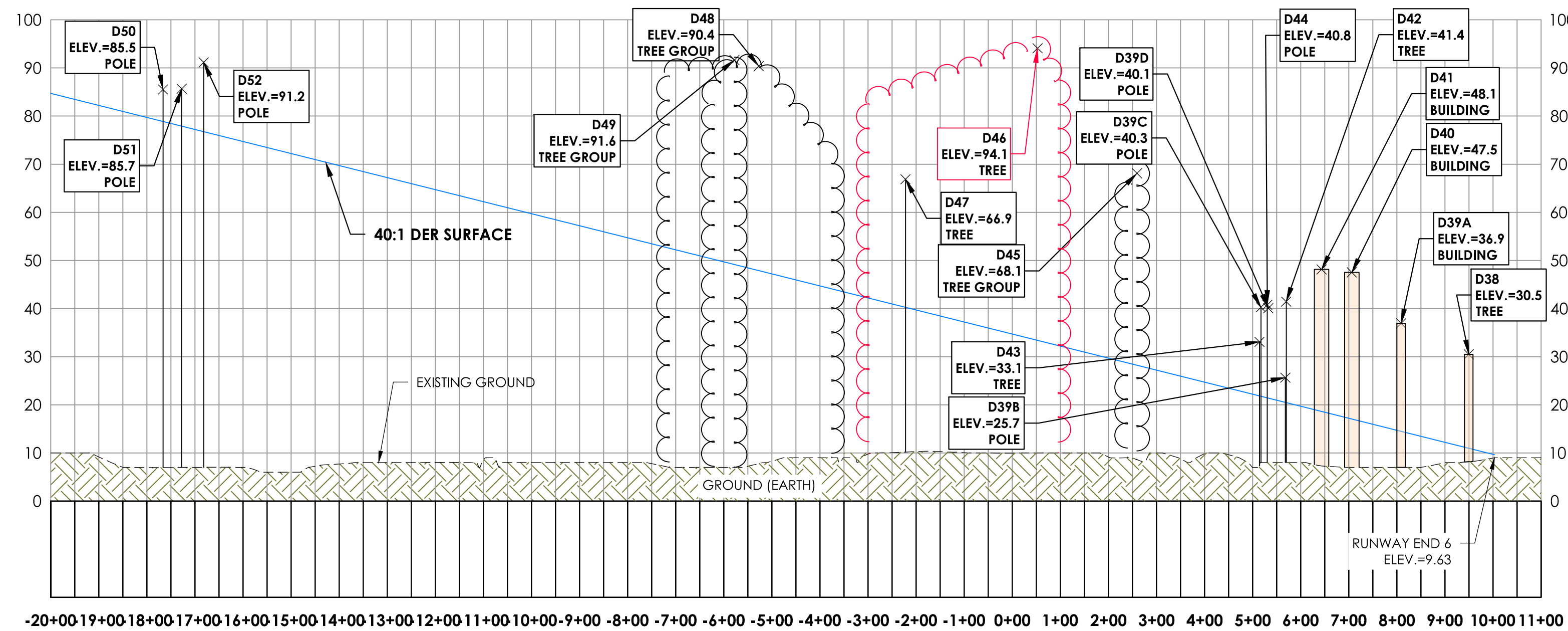
Date  
February 2020

**LEGEND**

 - Tree Group Profile

 - FAA 5010 Tree Obstruction Area Profile

 - Obstruction Point Profile



**RUNWAY 6 END**  
SCALE: HORIZONTAL - 1" = 200'  
VERTICAL - 1" = 10'

ID	DESCRIPTION	OBJECT ELEVATION	SURFACE HEIGHT ALLOWED	40:1 DER Penetration	ON/OFF AIRPORT	DISPOSITION
D38	BUILDING	30.5	11.0	19.5	ON	MARK OR LIGHT
D39A	BUILDING	36.9	14.5	22.4	ON	MARK OR LIGHT
D39B	POLE	25.7	20.5	5.2	ON	REMOVED, LOWERED, MARK/ LIGHT OR DISPLACE RUNWAY THRESHOLD
D39C	POLE	40.3	21.8	18.5	ON	REMOVED, LOWERED, MARK/ LIGHT OR DISPLACE RUNWAY THRESHOLD
D39D	POLE	40.1	21.4	18.7	ON	REMOVED, LOWERED, MARK/ LIGHT OR DISPLACE RUNWAY THRESHOLD
D39E	POLE	47.8	19.7	28.1	ON	REMOVED, LOWERED, MARK/ LIGHT OR DISPLACE RUNWAY THRESHOLD
D40	BUILDING	47.5	17.1	30.4	ON	MARK OR LIGHT
D41	BUILDING	48.1	18.6	29.5	ON	MARK OR LIGHT
D42	POLE	41.4	20.5	20.9	ON	REMOVED, LOWERED, MARK/ LIGHT OR DISPLACE RUNWAY THRESHOLD
D43	TREE	33.1	21.9	11.2	ON	TRIM
D44	POLE	40.8	21.4	19.4	ON	REMOVED, LOWERED, MARK/ LIGHT OR DISPLACE RUNWAY THRESHOLD
D45	TREE GROUP	68.1	28.2	39.9	OFF	TRIM
D46	TREE GROUP (5010)	94.5	35.6	58.9	ON/OFF	TRIM
D47	TREE	66.9	40.3	26.6	OFF	TRIM
D48	TREE GROUP	90.4	47.9	42.5	OFF	TRIM
D49	TREE GROUP	94.1	46.1	48	OFF	TRIM
D50	POLE	85.5	78.9	6.6	OFF	REMOVED, LOWERED, MARK/ LIGHT OR DISPLACE RUNWAY THRESHOLD
D51	POLE	85.7	77.9	7.8	OFF	REMOVED, LOWERED, MARK/ LIGHT OR DISPLACE RUNWAY THRESHOLD
D52	POLE	91.2	76.8	14.4	OFF	REMOVED, LOWERED, MARK/ LIGHT OR DISPLACE RUNWAY THRESHOLD

**NOTES:**

- ALL OBSTRUCTION DATA, RUNWAY COORDINATES AND ELEVATIONS FOR ARP, RUNWAY ENDS, AND DISPLACED THRESHOLDS HAVE BEEN OBTAINED FROM THE 2016 QUANTUM SPATIAL SURVEY. PLEASE NOTE THAT THE COORDINATES AND ELEVATION VALUES ARE DIFFERENT FROM THE PUBLISHED VALUES ON THE FAA 5010. THEREFORE, THE FAA 5010 FOR SGJ NEEDS TO BE UPDATED.
- TREES IDENTIFIED IN THE FAA 5010 MASTER RECORD ARE INCLUDED WITHIN THE RED OBSTRUCTION AREA IDENTIFIED IN THE PLAN AND PROFILE.
- ALL OBJECT ELEVATIONS ARE CURRENT AS OF THIS ALP UPDATE AND ARE SUBJECT TO CHANGE.



Client:

**St. Augustine-St. Johns County Airport Authority**  
4900 U.S. Highway 1, North  
St. Augustine, FL 32095

**Passero Associates**  
4730 Casa Cola Way, Suite 200 (904) 757-6106  
St. Augustine, FL 32095 www.passero.com  
Principal-in-Charge Andrew M. Holesko  
Project Manager Lisa Cheung  
Designed by Wayne B. Zian

Revisions			
No.	Date	By	Description

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Airport Layout Plan Update  
Departure Surface  
Runway 24  
Profile (Proposed)

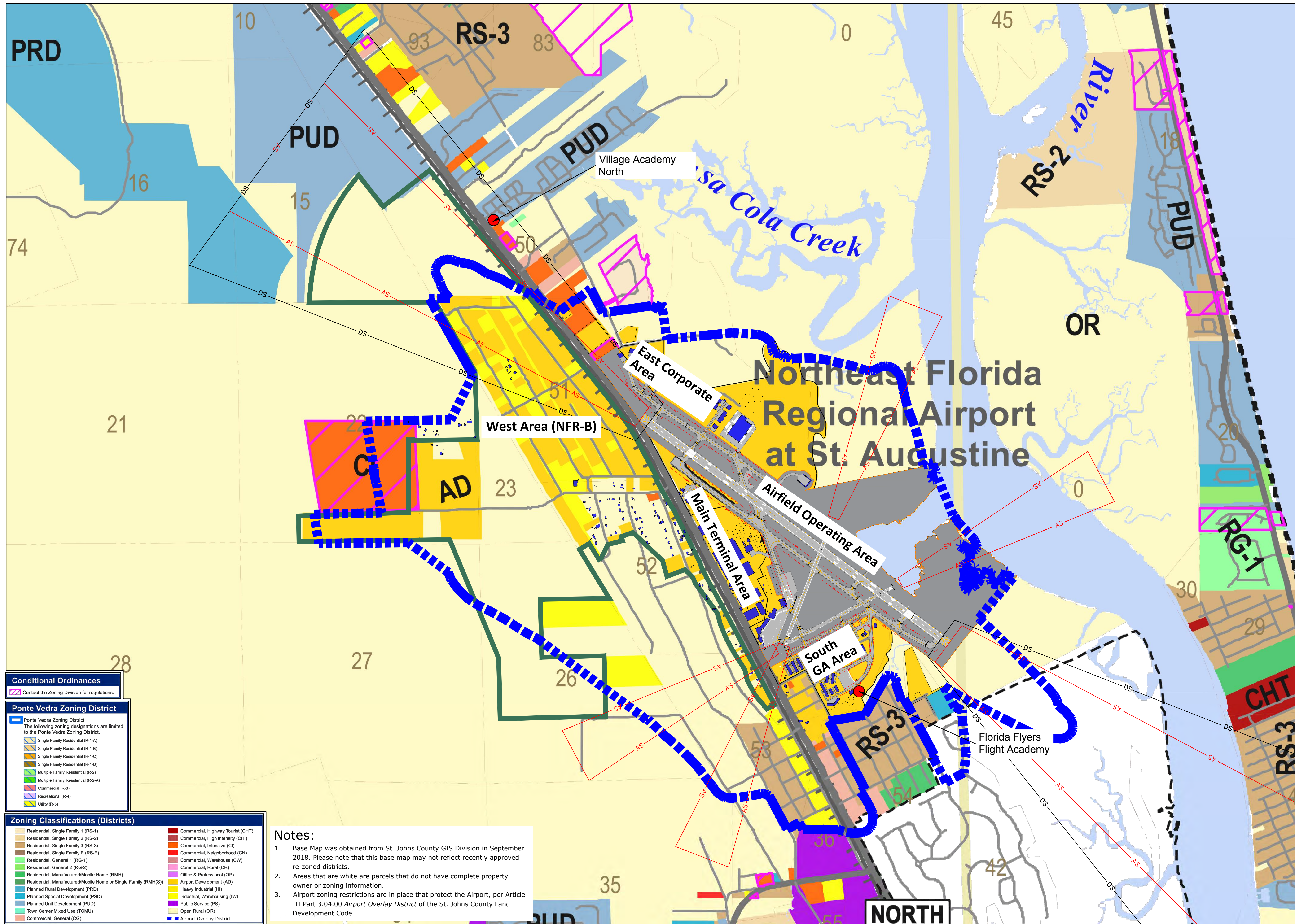
Northeast Florida  
Regional Airport

Town/City: City of St. Augustine  
County: St. Johns State: Florida

Project No.  
**23081.70**

Drawing No.  
**Sheet 19B**

Date  
**February 2020**



**Conditional Ordinances**

Contact the Zoning Division for regulations.

**Ponte Vedra Zoning District**

The following zoning designations are limited to the Ponte Vedra Zoning District.

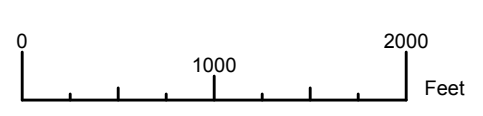
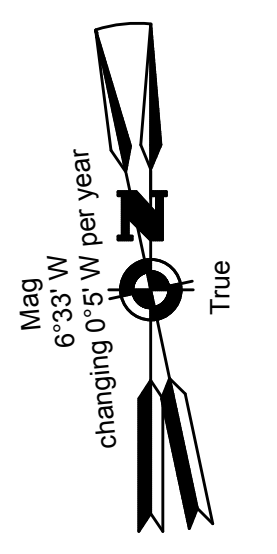
- Single Family Residential (R-1-A)
- Single Family Residential (R-1-B)
- Single Family Residential (R-1-C)
- Single Family Residential (R-1-D)
- Multiple Family Residential (R-2)
- Multiple Family Residential (R-2-A)
- Commercial (R-3)
- Recreational (R-4)
- Utility (R-5)

**Zoning Classifications (Districts)**

- Residential, Single Family 1 (RS-1)
- Residential, Single Family 2 (RS-2)
- Residential, Single Family 3 (RS-3)
- Residential, Single Family E (RS-E)
- Residential, General 1 (RG-1)
- Residential, General 2 (RG-2)
- Residential, Manufactured/Mobile Home (RMH)
- Residential, Manufactured/Mobile Home or Single Family (RMH(S))
- Planned Rural Development (PRD)
- Planned Special Development (PSD)
- Planned Unit Development (PUD)
- Town Center Mixed Use (TCMU)
- Commercial, General (CG)
- Commercial, Highway Tourist (CHT)
- Commercial, High Intensity (CHI)
- Commercial, Intensive (CI)
- Commercial, Neighborhood (CN)
- Commercial, Warehouse (CW)
- Commercial, Rural (CR)
- Office & Professional (OP)
- Airport Development (AD)
- Heavy Industrial (HI)
- Industrial, Warehousing (IW)
- Public Service (PS)
- Open Rural (OR)
- Airport Overlay District

**Notes:**

- Base Map was obtained from St. Johns County GIS Division in September 2018. Please note that this base map may not reflect recently approved re-zoned districts.
- Areas that are white are parcels that do not have complete property owner or zoning information.
- Airport zoning restrictions are in place that protect the Airport, per Article III Part 3.04.00 Airport Overlay District of the St. Johns County Land Development Code.



Client:  
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4900 U.S. Highway 1, North  
St. Augustine, FL 32095

**Passero Associates**  
4730 Casa Cola Way, Suite 200 St. Augustine, FL 32095 (904) 757-6106 www.passero.com  
Principal-in-Charge: Andrew M. Holesko  
Project Manager: Lisa Cheung  
Designed by: Chris Johnson

**Revisions**

No.	Date	By	Description

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Airport Layout Plan Update  
Land Use Plan (On-Airport)

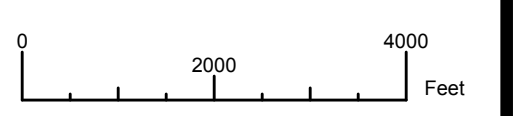
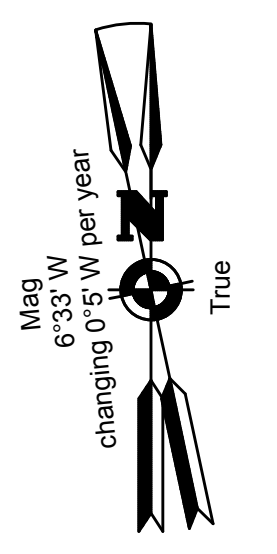
**Northeast Florida Regional Airport**

Town/City: City of St. Augustine  
County: St. Johns State: Florida

Project No. 23081.70

Drawing No. Sheet 20A

Date February 2020



Client:  
**St. Augustine-St. Johns County Airport Authority**  
4900 U.S. Highway 1, North  
St. Augustine, FL 32095

**Passero Associates**  
4730 Casa Cola Way, Suite 200 St. Augustine, FL 32095 (904) 757-6106 www.passero.com  
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Revisions			
No.	Date	By	Description

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Airport Layout Plan Update  
Land Use Plan (Off-Airport)

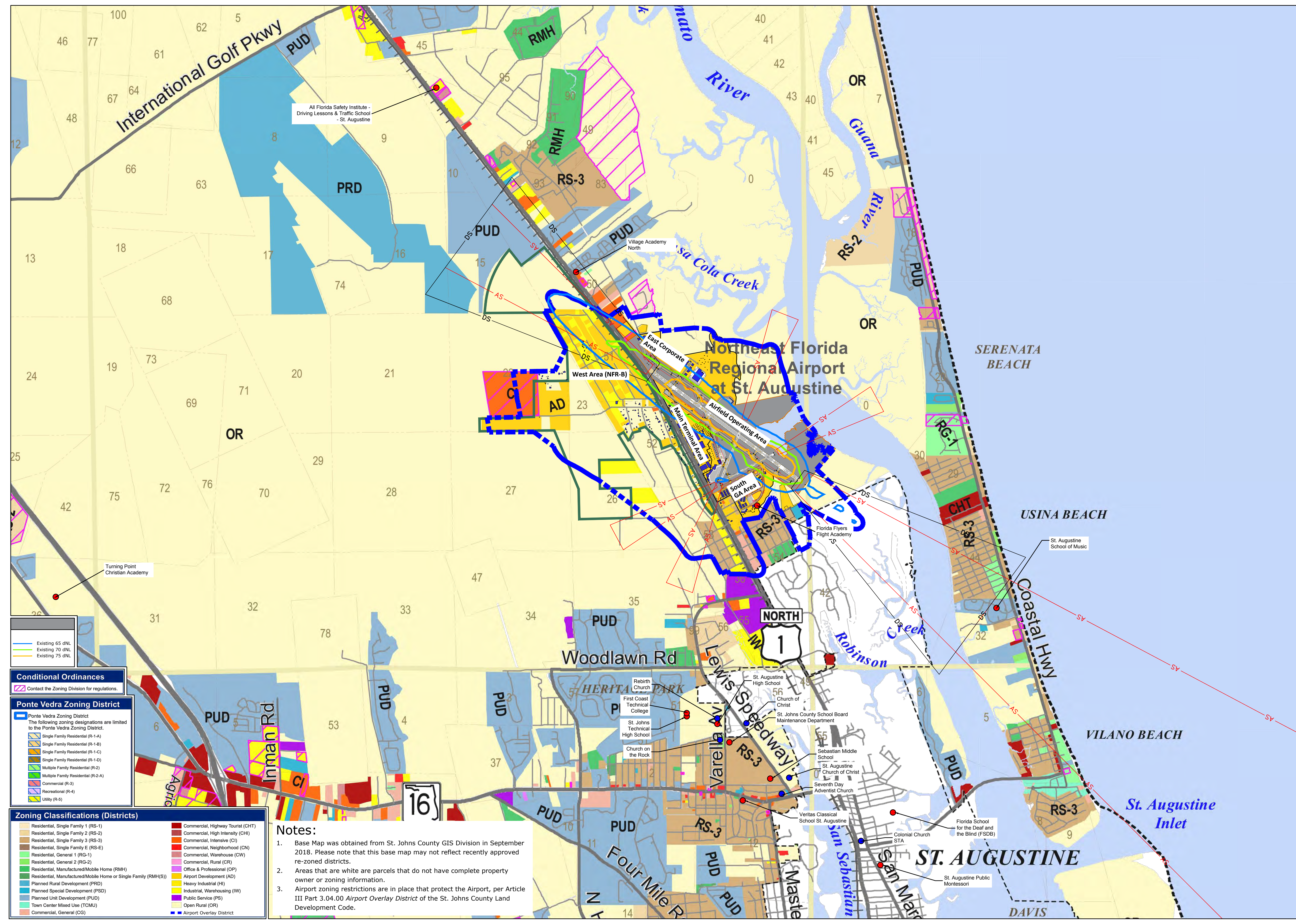
Northeast Florida Regional Airport

Town/City: City of St. Augustine  
County: St. Johns State: Florida

Project No. 23081.70

Drawing No. Sheet 20B

Date: February 2020



**Conditional Ordinances**  
Contact the Zoning Division for regulations.

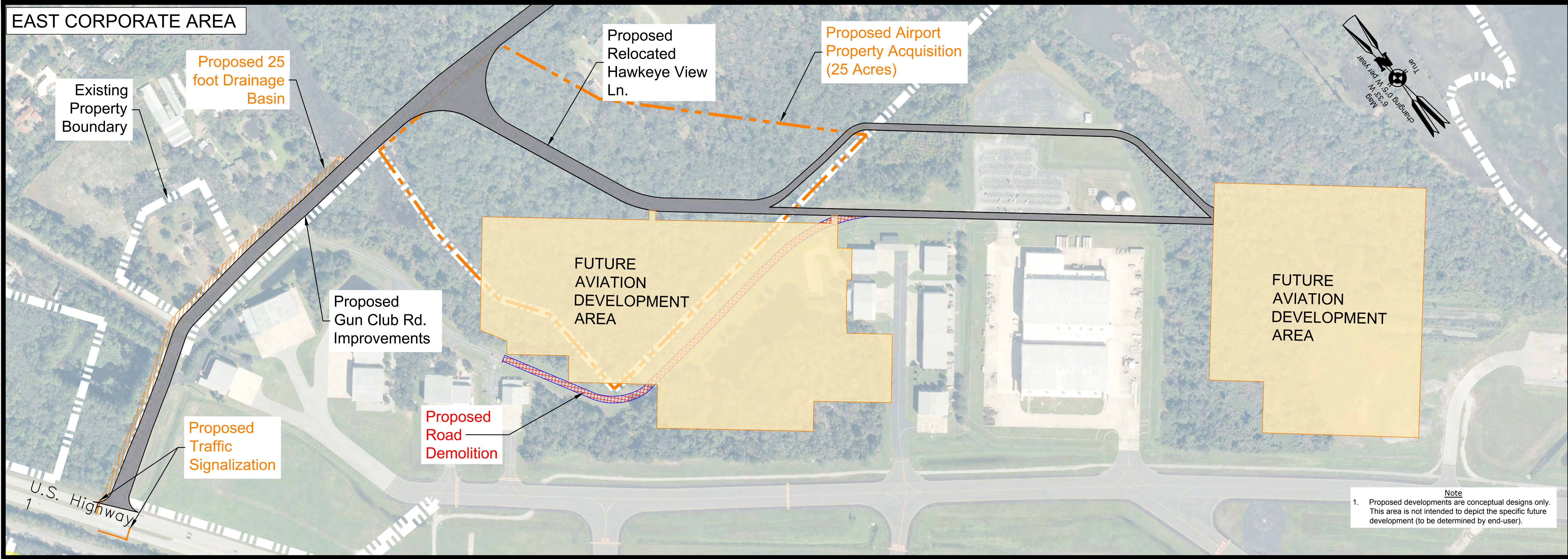
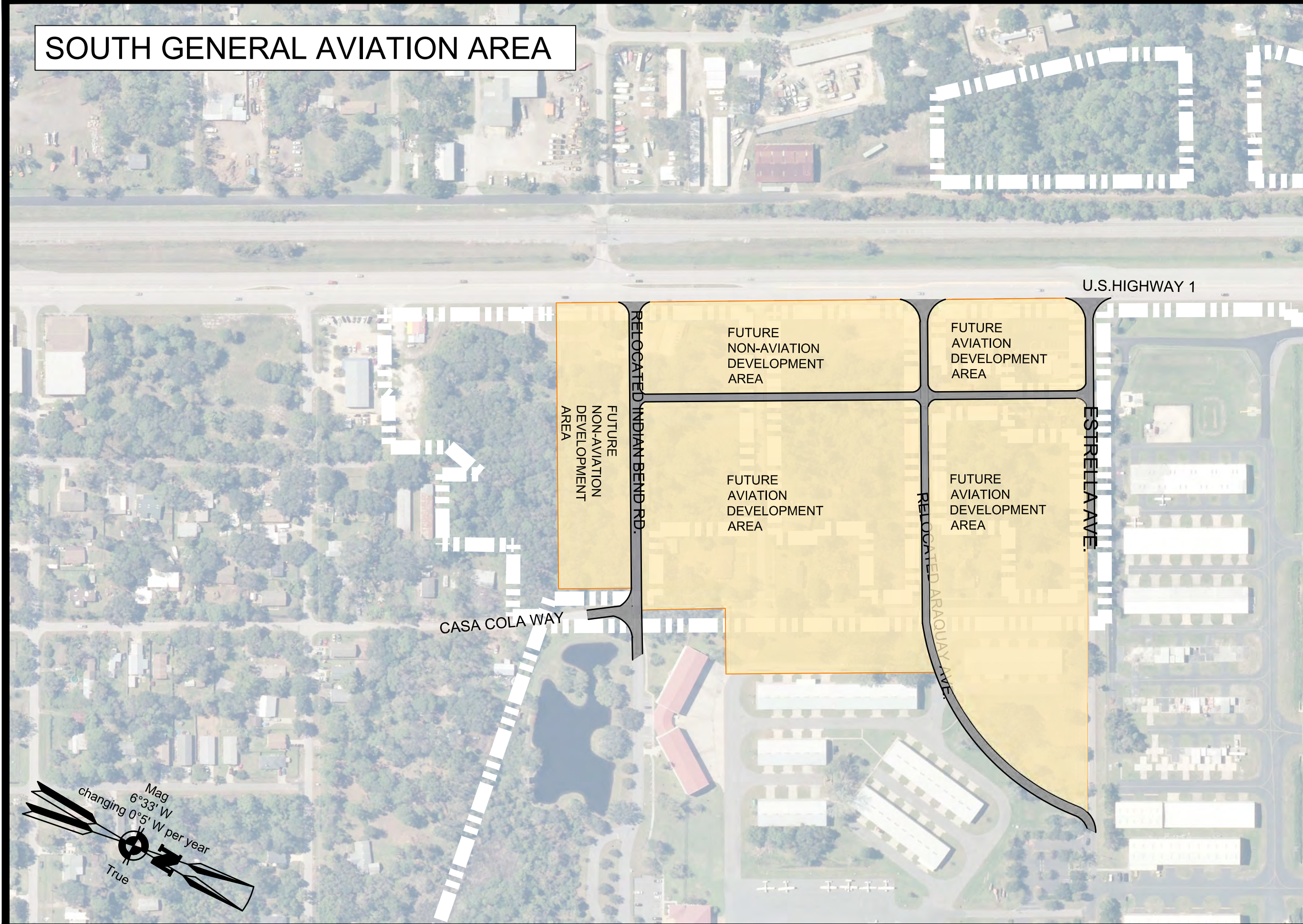
**Ponte Vedra Zoning District**  
The following zoning designations are limited to the Ponte Vedra Zoning District.  
 - Single Family Residential (R-1A)  
 - Single Family Residential (R-1B)  
 - Single Family Residential (R-1C)  
 - Single Family Residential (R-1D)  
 - Multiple Family Residential (R-2)  
 - Multiple Family Residential (R-2-A)  
 - Commercial (R-3)  
 - Recreational (R-4)  
 - Utility (R-5)

**Zoning Classifications (Districts)**

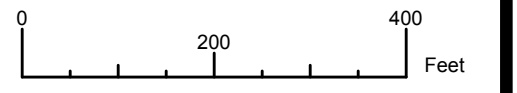
Residential, Single Family 1 (RS-1)	Commercial, Highway Tourist (CHT)
Residential, Single Family 2 (RS-2)	Commercial, High Intensity (CHI)
Residential, Single Family 3 (RS-3)	Commercial, Intensive (CI)
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Residential, General 1 (RG-1)	Commercial, Warehouse (CW)
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Residential, Manufactured/Mobile Home (RMH)	Office & Professional (OP)
Residential, Manufactured/Mobile Home or Single Family (RMH(S))	Airport Development (AD)
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Town Center Mixed Use (TCMU)	Open Rural (OR)
Commercial, General (CG)	Airport Overlay District

**Notes:**

- Base Map was obtained from St. Johns County GIS Division in September 2018. Please note that this base map may not reflect recently approved re-zoned districts.
- Areas that are white are parcels that do not have complete property owner or zoning information.
- Airport zoning restrictions are in place that protect the Airport, per Article III Part 3.04.00 Airport Overlay District of the St. Johns County Land Development Code.



**Note**  
1. Proposed developments are conceptual designs only. This area is not intended to depict the specific future development (to be determined by end-user).



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Revisions			
No.	Date	By	Description

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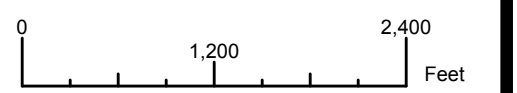
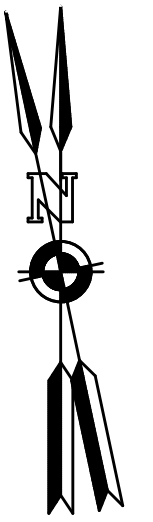
Airport Layout Plan Update  
Ground Access Plan NFRA

Northeast Florida Regional Airport  
Town/City: City of St. Augustine  
County: St. Johns State: Florida

Project No. 23081.70

Drawing No. Sheet 21A

Date February 2020



Client:  
**St. Augustine-St. Johns  
County Airport Authority**  
4900 U.S. Highway 1, North  
St. Augustine, FL 32095

**Passero Associates**  
4730 Casa Cola Way, Suite 200 (904) 757-6106  
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Revisions			
No.	Date	By	Description

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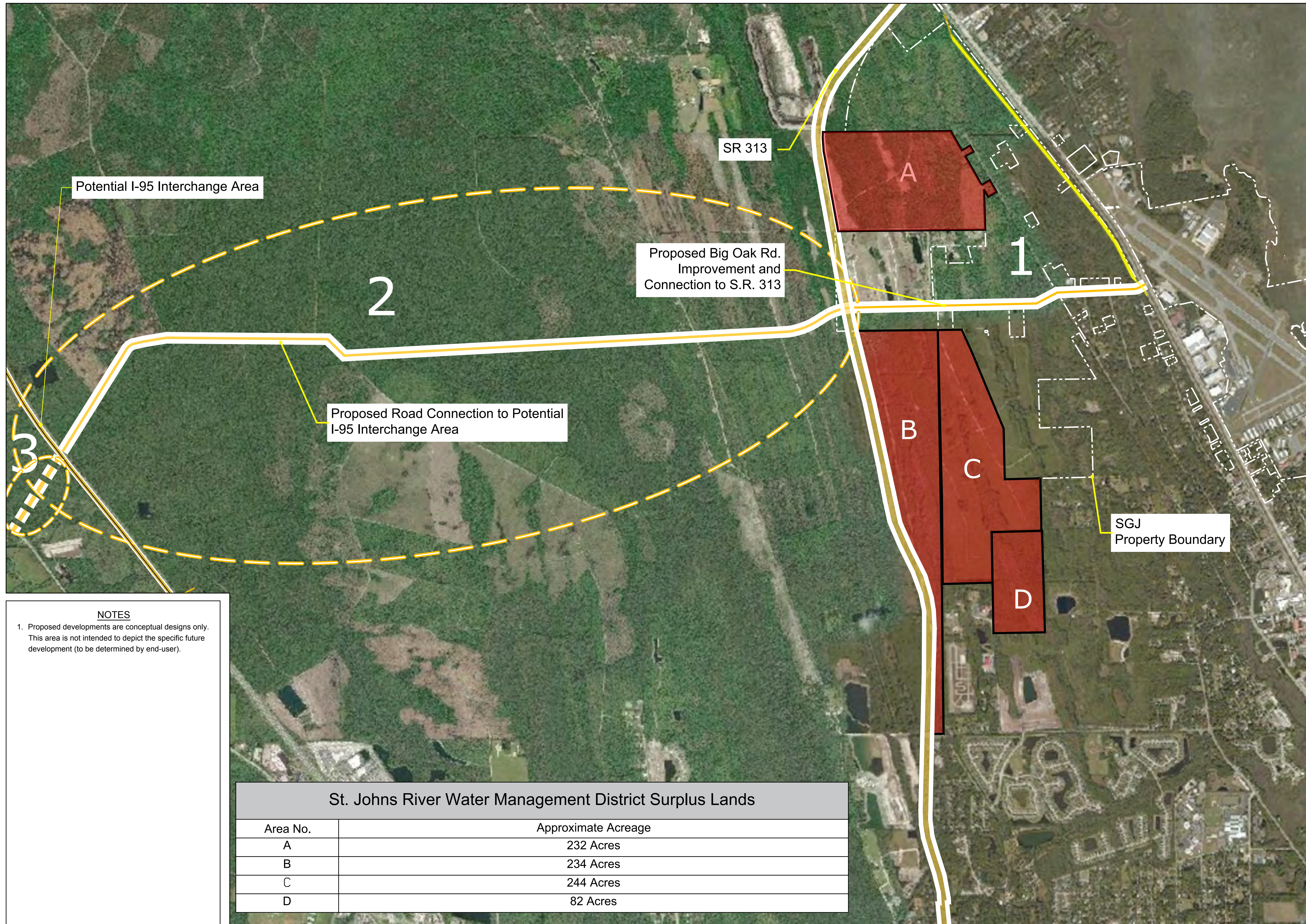
Airport Layout Plan Update  
Ground Access Plan NFR-B

**Northeast Florida  
Regional Airport**  
Town/City: City of St. Augustine  
County: St. Johns State: Florida

Project No.  
**23081.70**

Drawing No.  
**Sheet 21B**

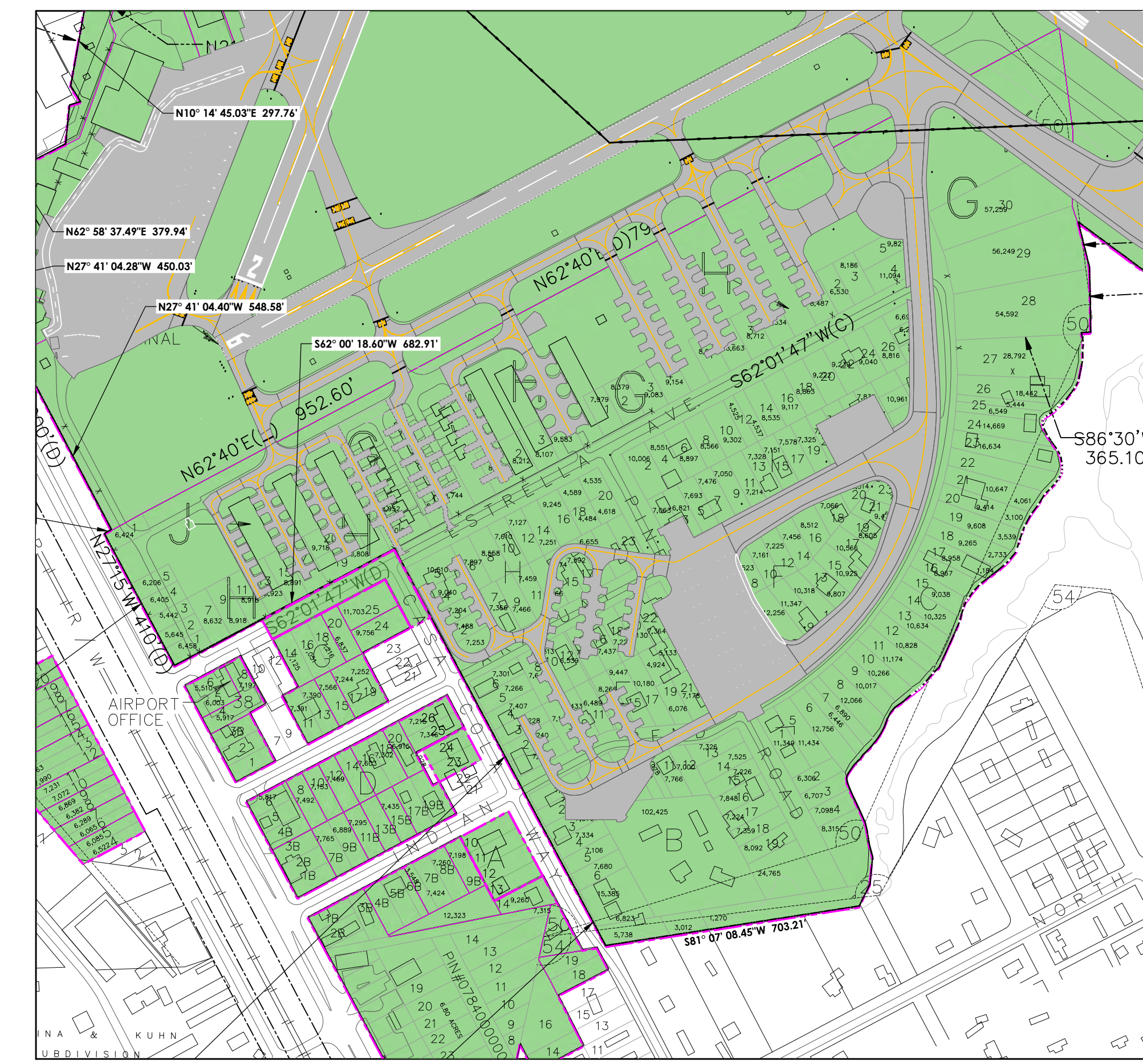
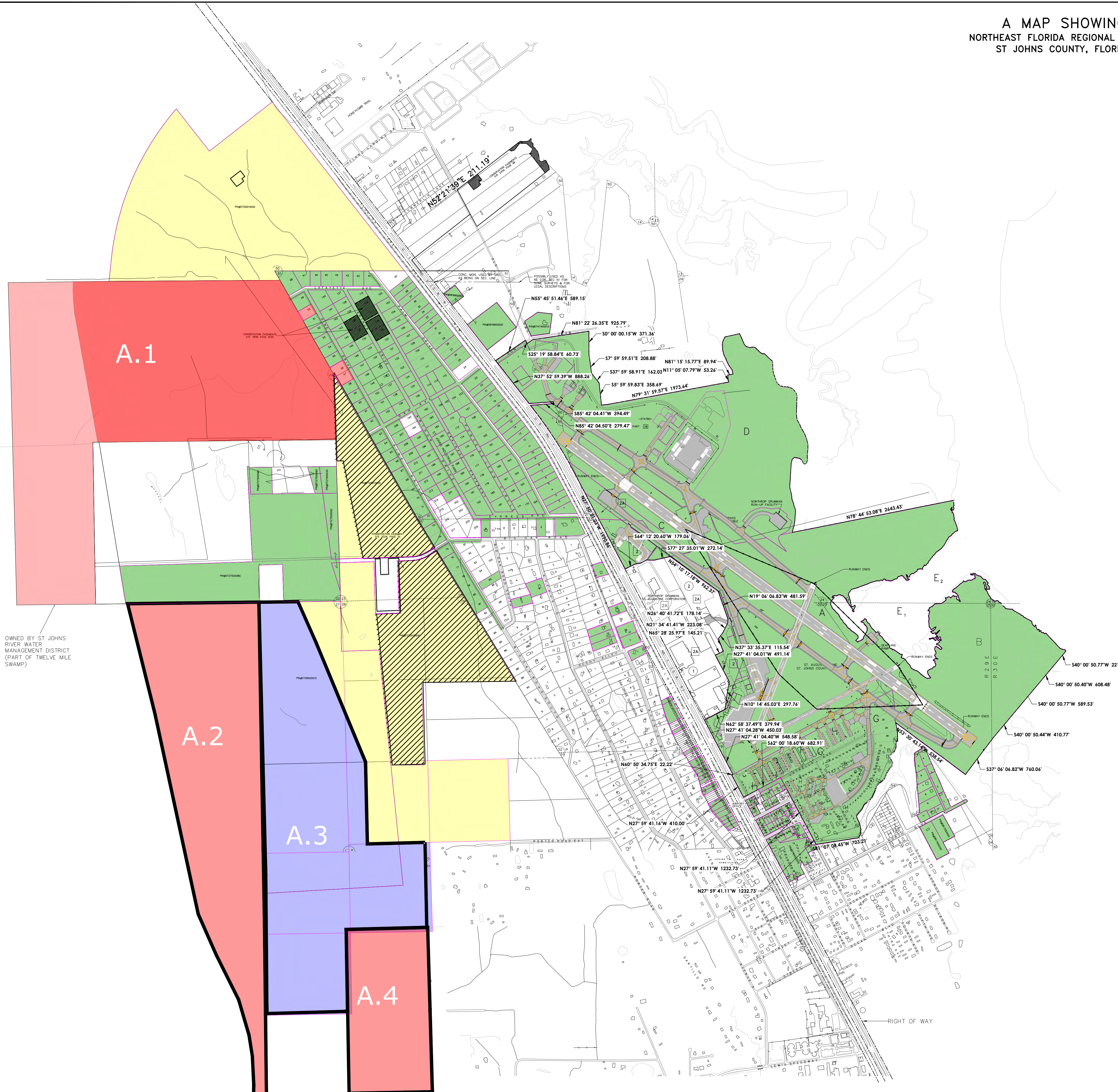
Date  
**February 2020**



**NOTES**  
1. Proposed developments are conceptual designs only. This area is not intended to depict the specific future development (to be determined by end-user).

St. Johns River Water Management District Surplus Lands	
Area No.	Approximate Acreage
A	232 Acres
B	234 Acres
C	244 Acres
D	82 Acres

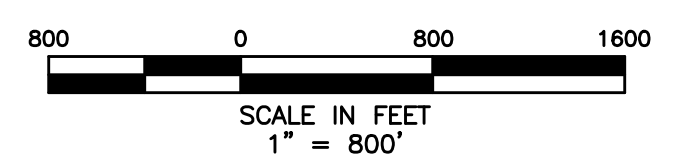
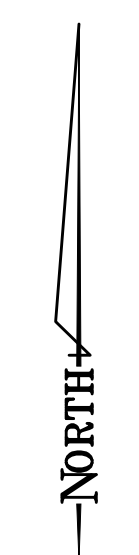
A MAP SHOWING  
NORTHEAST FLORIDA REGIONAL AIRPORT  
ST. JOHNS COUNTY, FLORIDA



DETAIL 'A'  
SCALE: 1" = 300'

MAP LEGEND

- NON-CONTIGUOUS LAND PARCELS OWNED (FEE SIMPLE) BY AIRPORT AUTHORITY
- LAND INTEREST TO BE ACQUIRED BY AIRPORT
- EXISTING PROPERTY LINE
- SECTION LINE
- CONSERVATION EASEMENTS, AS NOTED
- LAND SWAP FROM FLAGLER DEVELOPMENT GROUP TO AIRPORT
- LAND SWAP FROM FLAGLER DEVELOPMENT GROUP TO TWELVE MILE CONSERVATION AREA
- PART OF TWELVE MILE CONSERVATION AREA
- St. Johns River Water Management District Surplus Lands



OWNED BY ST. JOHNS RIVER WATER MANAGEMENT DISTRICT (PART OF TWELVE MILE SWAMP)

A.1

A.2

A.3

A.4

SEE SHEET 2 & 3 OF 3 FOR MORE PARCEL INFORMATION

**St. Augustine / St. Johns County Airport**  
St. Augustine, Florida

**GEOMATICS CORP.**  
SURVEYING-MAPPING-GPS  
2804 N. FIFTH STREET, UNIT 101  
ST. AUGUSTINE, FL 32084  
PHONE (904) 824-3086 FAX (904) 824-5753

No.	Revision Description	By	Date
1	ADDED NEW ACQUISITIONS DATA	CKM	05/13/20

Drawing Name:  
**EXHIBIT A PROPERTY INVENTORY MAP**

Project Number:	16-2493	Drawn By:	SL	Checked By:	PF
Date:	JUNE 2020	Drawing Number:	22A		
Scale:	1"=800'				



STRAP	DESCRIPTION	GRANTOR/GRAANTEE	INTEREST	ACREAGE	TYPE OF CONVEYANCE INSTRUMENT	BOOK/PAGE	FAA GRANT NUMBER/YEAR	PFC PROJECT NUMBER (if applicable)	TYPE OF EASEMENT	DATE OF ACQUISITION/RECORDING	TYPE OF RELEASE (if applicable)	DATE OF RELEASE (if applicable)	DATE OF DISPOSAL (if applicable)	EXISTING ENCUMBRANCES ON PROPERTY
081800060	PT OF DANIEL HURLBERT GRANT ST JOHNS INDUSTRIAL PARK UNREC PLAT TRACT 64 OR1340/1055	PONS-PEREZ, MARIA	FE SIMPLE	1.00	WD	1340/1055	N/A	N/A	N/A	8/1/1998	N/A	N/A	N/A	N/A
081800060	PT OF DANIEL HURLBERT GRANT ST JOHNS INDUSTRIAL PARK UNREC PLAT TRACT 64 OR1340/1055	COMMERCIAL INVESTORS GROUP, INC.	FE SIMPLE	1.00	WD	2683/248	N/A	N/A	N/A	4/13/2006	N/A	N/A	N/A	N/A
081800060	PT OF DANIEL HURLBERT GRANT ST JOHNS INDUSTRIAL PARK UNREC PLAT TRACT 66 OR2683/248	COMMERCIAL INVESTORS GROUP, INC.	FE SIMPLE	1.00	WD	2683/248	N/A	N/A	N/A	4/13/2006	N/A	N/A	N/A	N/A
081800060	PT OF DANIEL HURLBERT GRANT ST JOHNS INDUSTRIAL PARK UNREC PLAT TRACT 67 OR2683/248	COMMERCIAL INVESTORS GROUP, INC.	FE SIMPLE	1.00	WD	2683/248	N/A	N/A	N/A	4/13/2006	N/A	N/A	N/A	N/A
081800060	PT OF DANIEL HURLBERT GRANT ST JOHNS INDUSTRIAL PARK UNREC PLAT TRACT 68 OR2683/248	COMMERCIAL INVESTORS GROUP, INC.	FE SIMPLE	1.00	WD	2683/248	N/A	N/A	N/A	4/13/2006	N/A	N/A	N/A	N/A
081800060	PT OF DANIEL HURLBERT GRANT ST JOHNS INDUSTRIAL PARK UNREC PLAT TRACT 69 OR2683/248	COMMERCIAL INVESTORS GROUP, INC.	FE SIMPLE	1.00	WD	2683/248	N/A	N/A	N/A	4/13/2006	N/A	N/A	N/A	N/A
081800060	PT OF DANIEL HURLBERT GRANT ST JOHNS INDUSTRIAL PARK UNREC PLAT TRACT 70 OR2683/248	COMMERCIAL INVESTORS GROUP, INC.	FE SIMPLE	1.00	WD	2683/248	N/A	N/A	N/A	4/13/2006	N/A	N/A	N/A	N/A
081800060	PT OF DANIEL HURLBERT GRANT ST JOHNS INDUSTRIAL PARK UNREC PLAT TRACT 71 OR2683/248	COMMERCIAL INVESTORS GROUP, INC.	FE SIMPLE	1.00	WD	2683/248	N/A	N/A	N/A	4/13/2006	N/A	N/A	N/A	N/A
081800060	PT OF DANIEL HURLBERT GRANT ST JOHNS INDUSTRIAL PARK UNREC PLAT TRACT 72 OR2683/248	COMMERCIAL INVESTORS GROUP, INC.	FE SIMPLE	1.00	WD	2683/248	N/A	N/A	N/A	4/13/2006	N/A	N/A	N/A	N/A
081800060	PT OF DANIEL HURLBERT GRANT ST JOHNS INDUSTRIAL PARK UNREC PLAT TRACT 73 OR2683/248	COMMERCIAL INVESTORS GROUP, INC.	FE SIMPLE	1.00	WD	2683/248	N/A	N/A	N/A	4/13/2006	N/A	N/A	N/A	N/A
081800060	PT OF DANIEL HURLBERT GRANT ST JOHNS INDUSTRIAL PARK UNREC PLAT TRACT 74 OR2683/248	COMMERCIAL INVESTORS GROUP, INC.	FE SIMPLE	1.00	WD	2683/248	N/A	N/A	N/A	4/13/2006	N/A	N/A	N/A	N/A
081800060	PT OF DANIEL HURLBERT GRANT ST JOHNS INDUSTRIAL PARK UNREC PLAT TRACT 75 OR2683/248	COMMERCIAL INVESTORS GROUP, INC.	FE SIMPLE	1.00	WD	2683/248	N/A	N/A	N/A	4/13/2006	N/A	N/A	N/A	N/A
081800060	PT OF DANIEL HURLBERT GRANT ST JOHNS INDUSTRIAL PARK UNREC PLAT TRACT 76 OR2683/248	COMMERCIAL INVESTORS GROUP, INC.	FE SIMPLE	1.00	WD	2683/248	N/A	N/A	N/A	4/13/2006	N/A	N/A	N/A	N/A
081800060	PT OF DANIEL HURLBERT GRANT ST JOHNS INDUSTRIAL PARK UNREC PLAT TRACT 77 OR2683/248	COMMERCIAL INVESTORS GROUP, INC.	FE SIMPLE	1.00	WD	2683/248	N/A	N/A	N/A	4/13/2006	N/A	N/A	N/A	N/A
081800060	PT OF DANIEL HURLBERT GRANT ST JOHNS INDUSTRIAL PARK UNREC PLAT TRACT 78 OR2683/248	COMMERCIAL INVESTORS GROUP, INC.	FE SIMPLE	1.00	WD	2683/248	N/A	N/A	N/A	4/13/2006	N/A	N/A	N/A	N/A
081800060	PT OF DANIEL HURLBERT GRANT ST JOHNS INDUSTRIAL PARK UNREC PLAT TRACT 79 OR2683/248	COMMERCIAL INVESTORS GROUP, INC.	FE SIMPLE	1.00	WD	2683/248	N/A	N/A	N/A	4/13/2006	N/A	N/A	N/A	N/A
081800060	PT OF DANIEL HURLBERT GRANT ST JOHNS INDUSTRIAL PARK UNREC PLAT TRACT 80 OR2683/248	COMMERCIAL INVESTORS GROUP, INC.	FE SIMPLE	1.00	WD	2683/248	N/A	N/A	N/A	4/13/2006	N/A	N/A	N/A	N/A
081800060	PT OF DANIEL HURLBERT GRANT ST JOHNS INDUSTRIAL PARK UNREC PLAT TRACT 81 OR2683/248	COMMERCIAL INVESTORS GROUP, INC.	FE SIMPLE	1.00	WD	2683/248	N/A	N/A	N/A	4/13/2006	N/A	N/A	N/A	N/A
081800060	PT OF DANIEL HURLBERT GRANT ST JOHNS INDUSTRIAL PARK UNREC PLAT TRACT 82 OR2683/248	COMMERCIAL INVESTORS GROUP, INC.	FE SIMPLE	1.00	WD	2683/248	N/A	N/A	N/A	4/13/2006	N/A	N/A	N/A	N/A
081800060	PT OF DANIEL HURLBERT GRANT ST JOHNS INDUSTRIAL PARK UNREC PLAT TRACT 83 OR2683/248	COMMERCIAL INVESTORS GROUP, INC.	FE SIMPLE	1.00	WD	2683/248	N/A	N/A	N/A	4/13/2006	N/A	N/A	N/A	N/A
081800060	PT OF DANIEL HURLBERT GRANT ST JOHNS INDUSTRIAL PARK UNREC PLAT TRACT 84 OR2683/248	COMMERCIAL INVESTORS GROUP, INC.	FE SIMPLE	1.00	WD	2683/248	N/A	N/A	N/A	4/13/2006	N/A	N/A	N/A	N/A
081800060	PT OF DANIEL HURLBERT GRANT ST JOHNS INDUSTRIAL PARK UNREC PLAT TRACT 85 OR2683/248	COMMERCIAL INVESTORS GROUP, INC.	FE SIMPLE	1.00	WD	2683/248	N/A	N/A	N/A	4/13/2006	N/A	N/A	N/A	N/A
081800060	PT OF DANIEL HURLBERT GRANT ST JOHNS INDUSTRIAL PARK UNREC PLAT TRACT 86 OR2683/248	COMMERCIAL INVESTORS GROUP, INC.	FE SIMPLE	1.00	WD	2683/248	N/A	N/A	N/A	4/13/2006	N/A	N/A	N/A	N/A
081800060	PT OF DANIEL HURLBERT GRANT ST JOHNS INDUSTRIAL PARK UNREC PLAT TRACT 87 OR2683/248	COMMERCIAL INVESTORS GROUP, INC.	FE SIMPLE	1.00	WD	2683/248	N/A	N/A	N/A	4/13/2006	N/A	N/A	N/A	N/A
081800060	PT OF DANIEL HURLBERT GRANT ST JOHNS INDUSTRIAL PARK UNREC PLAT TRACT 88 OR2683/248	COMMERCIAL INVESTORS GROUP, INC.	FE SIMPLE	1.00	WD	2683/248	N/A	N/A	N/A	4/13/2006	N/A	N/A	N/A	N/A
081800060	PT OF DANIEL HURLBERT GRANT ST JOHNS INDUSTRIAL PARK UNREC PLAT TRACT 89 OR2683/248	COMMERCIAL INVESTORS GROUP, INC.	FE SIMPLE	1.00	WD	2683/248	N/A	N/A	N/A	4/13/2006	N/A	N/A	N/A	N/A
081800060	PT OF DANIEL HURLBERT GRANT ST JOHNS INDUSTRIAL PARK UNREC PLAT TRACT 90 OR2683/248	COMMERCIAL INVESTORS GROUP, INC.	FE SIMPLE	1.00	WD	2683/248	N/A	N/A	N/A	4/13/2006	N/A	N/A	N/A	N/A
081800060	PT OF DANIEL HURLBERT GRANT ST JOHNS INDUSTRIAL PARK UNREC PLAT TRACT 91 OR2683/248	COMMERCIAL INVESTORS GROUP, INC.	FE SIMPLE	1.00	WD	2683/248	N/A	N/A	N/A	4/13/2006	N/A	N/A	N/A	N/A
081800060	PT OF DANIEL HURLBERT GRANT ST JOHNS INDUSTRIAL PARK UNREC PLAT TRACT 92 OR2683/248	COMMERCIAL INVESTORS GROUP, INC.	FE SIMPLE	1.00	WD	2683/248	N/A	N/A	N/A	4/13/2006	N/A	N/A	N/A	N/A
081800060	PT OF DANIEL HURLBERT GRANT ST JOHNS INDUSTRIAL PARK UNREC PLAT TRACT 93 OR2683/248	COMMERCIAL INVESTORS GROUP, INC.	FE SIMPLE	1.00	WD	2683/248	N/A	N/A	N/A	4/13/2006	N/A	N/A	N/A	N/A
081800060	PT OF DANIEL HURLBERT GRANT ST JOHNS INDUSTRIAL PARK UNREC PLAT TRACT 94 OR2683/248	COMMERCIAL INVESTORS GROUP, INC.	FE SIMPLE	1.00	WD	2683/248	N/A	N/A	N/A	4/13/2006	N/A	N/A	N/A	N/A
081800060	PT OF DANIEL HURLBERT GRANT ST JOHNS INDUSTRIAL PARK UNREC PLAT TRACT 95 OR2683/248	COMMERCIAL INVESTORS GROUP, INC.	FE SIMPLE	1.00	WD	2683/248	N/A	N/A	N/A	4/13/2006	N/A	N/A	N/A	N/A
081800060	PT OF DANIEL HURLBERT GRANT ST JOHNS INDUSTRIAL PARK UNREC PLAT TRACT 96 OR2683/248	COMMERCIAL INVESTORS GROUP, INC.	FE SIMPLE	1.00	WD	2683/248	N/A	N/A	N/A	4/13/2006	N/A	N/A	N/A	N/A
081800060	PT OF DANIEL HURLBERT GRANT ST JOHNS INDUSTRIAL PARK UNREC PLAT TRACT 97 OR2683/248	COMMERCIAL INVESTORS GROUP, INC.	FE SIMPLE	1.00	WD	2683/248	N/A	N/A	N/A	4/13/2006	N/A	N/A	N/A	N/A
081800060	PT OF DANIEL HURLBERT GRANT ST JOHNS INDUSTRIAL PARK UNREC PLAT TRACT 98 OR2683/248	COMMERCIAL INVESTORS GROUP, INC.	FE SIMPLE	1.00	WD	2683/248	N/A	N/A	N/A	4/13/2006	N/A	N/A	N/A	N/A
081800060	PT OF DANIEL HURLBERT GRANT ST JOHNS INDUSTRIAL PARK UNREC PLAT TRACT 99 OR2683/248	COMMERCIAL INVESTORS GROUP, INC.	FE SIMPLE	1.00	WD	2683/248	N/A	N/A	N/A	4/13/2006	N/A	N/A	N/A	N/A
081800060	PT OF DANIEL HURLBERT GRANT ST JOHNS INDUSTRIAL PARK UNREC PLAT TRACT 100 OR2683/248	COMMERCIAL INVESTORS GROUP, INC.	FE SIMPLE	1.00	WD	2683/248	N/A	N/A	N/A	4/13/2006	N/A	N/A	N/A	N/A

STRAP	DESCRIPTION	GRANTOR/GRAANTEE	INTEREST	ACREAGE	TYPE OF CONVEYANCE INSTRUMENT	BOOK/PAGE	FAA GRANT NUMBER/YEAR	PFC PROJECT NUMBER (if applicable)	TYPE OF EASEMENT	DATE OF ACQUISITION/RECORDING	TYPE OF RELEASE (if applicable)	DATE OF RELEASE (if applicable)	DATE OF DISPOSAL (if applicable)	EXISTING ENCUMBRANCES ON PROPERTY
081800060	6 PART DANIEL HURLBERT GRANT LYING OF US 1 & S OF GUN CLUB ROAD 1907' ON US 100 LEASE TO KING POWER D-2-1040 OR614665/PN/D) & 9372(Q/C) & 1074/1505(Q/C)	F.D.O.T.	FE SIMPLE	5.61	QC	1974/1505	N/A	N/A	N/A	7/24/2002	N/A	N/A	N/A	N/A
081800060	6-1 PART OF DANIEL HURLBERT GRANT LYING OF US 1 & S OF GUN CLUB RD - LEASED AKA HANGAR #6	AIRPORT AUTHORITY	FE SIMPLE	1.16	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
081800060	6-2 PART OF GRANT DANIEL HURLBERT LYING N OF GOLF RD	PARTIN, DANIEL	FE SIMPLE	3.21	N/A	902/750	N/A	N/A	N/A	7/1/1991	N/A	N/A	N/A	N/A
081800060	6-3 PART OF GRANT DANIEL HURLBERT LYING W OF REC RY 2317 ON RD OR905/204	CRIBBS, VERNON	FE SIMPLE	0.02	WD	915/204	N/A	N/A	N/A	11/15/1991	N/A	N/A	N/A	N/A
081800060	PT OF GRANT TO DANIEL HURLBERT OAK GROVE UNREC PLAT UNIT 1 LOT 4 BLK 1 OR811/213	WILKES, MELGIA	FE SIMPLE	0.92	WD	1172/1383	N/A	N/A	N/A	5/14/1996	N/A	N/A	N/A	N/A
081800060	PT OF GRANT TO DANIEL HURLBERT OAK GROVE UNREC PLAT UNIT 1 LOT 6 BLK 1 OR815/177	MCCARTHY, HAROLD	FE SIMPLE	1.30	WD	915/177	N/A	N/A	N/A	11/15/1991	N/A	N/A	N/A	N/A
081800060	PT OF GRANT TO DANIEL HURLBERT OAK GROVE UNREC PLAT UNIT 1 LOT 7 BLK 1 OR815/177	SIDDONS, JEFFERY	FE SIMPLE	1.33	N/A	900/52	N/A	N/A	N/A	6/1/1991	N/A	N/A	N/A	N/A
081800060	PT OF GRANT TO DANIEL HURLBERT OAK GROVE UNREC PLAT UNIT 1 LOT 11 BLK 2 OR818/827	WALTON, DANE	FE SIMPLE	1.16	WD	918/827	N/A	N/A	N/A	12/16/1991	N/A	N/A	N/A	N/A
081800060	PT OF GRANT TO DANIEL HURLBERT OAK GROVE UNREC PLAT UNIT 1 LOT 12 BLK 2 OR1136/791	WILSON, SONIA	FE SIMPLE	1.13	WD	1136/791	N/A	N/A	N/A	10/27/1995	N/A	N/A	N/A	N/A
081800060	PT OF GRANT TO DANIEL HURLBERT OAK GROVE UNREC PLAT UNIT 1 LOT 13 BLK 2 OR1224/1164	RUNION, ROY	FE SIMPLE	1.10	WD	1224/1164	N/A	N/A	N/A	2/26/1996	N/A	N/A	N/A	N/A
081800060	PT OF GRANT TO DANIEL HURLBERT OAK GROVE UNREC PLAT UNIT 2 LOT 1 BLK 1 OR815/843	HERSHY, JIMMIE	FE SIMPLE	1.01	WD	915/843	N/A	N/A	N/A	11/15/1991	N/A	N/A	N/A	N/A
081800060	PT OF GRANT TO DANIEL HURLBERT OAK GROVE UNREC PLAT UNIT 4 LOT 2 BLK 4 OR855/927	BERGERON, RONALD	FE SIMPLE	1.62	N/A	846/1201	N/A	N/A	N/A	2/1/1990	N/A	N/A	N/A	N/A
081800060	PT OF GRANT TO DANIEL HURLBERT OAK GROVE UNREC PLAT UNIT 4 LOT 6 BLK 2 OR899/689	MAULDIN, RICKIE	FE SIMPLE	0.92	N/A	899/689	N/A	N/A	N/A	6/1/1991	N/A	N/A	N/A	N/A
081800060	PART OF GRANT TO DANIEL HURLBERT OAK GROVE UNREC PLAT UNIT 4 LOT 2 BLK 4 OR855/927	MARTIN, LAWRENCE	FE SIMPLE	1.04	N/A	888/960	N/A	N/A	N/A	3/1/1994	N/A	N/A	N/A	N/A
081800060	PART OF GRANT TO DANIEL HURLBERT OAK GROVE UNREC PLAT UNIT 4 LOT 2 BLK 4 OR855/927	COX, FLOYD LEE JR.	FE SIMPLE	1.04	WD	1029/866	N/A	N/A	N/A	12/29/1993	N/A	N/A	N/A	N/A

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074940000	18788 ST S 23-1-57-2 & 52.3 PMS OF SARALE GRANT BOUND ON BY AIRPORT ON W BY US 1 ON S PTLY BY ESTRELLA AVE & ON E BY MARSH INCLPTS OF ARAGUAY PLAT 7 LOTS 28 29 & 30 BLK C & ALL BLS J K L M O & P IN 244 & PTS VACATED TO COURSENA PL IN OR815/845 CASA COLA WAY IN OR848/473 ESPANOLA AVE IN OR856/898 & OTONO AVE & INDIAN BEND IN OR832/62 & INCLPTS OF ARAGUAY PARK US 1 & 2 LOTS & STS LYING W OF CASA COLA WAY VACATED BY SEC RES 2005-377 IN OR260/547 & PTS OF ESTRELLA AVE VACATED BY SEC RES 2009-73 IN OR815/845 OR127/147 172-155 225/908 232/247 236/835 237/316 238/125 252/109 266/106 284/919 276/337 316/909 325/167 368/501 697/100 900/956 & 1030/1222 (ORDER OF TANKING & 2378/1636 (ORDER OF TANKING 2139/1798 1300/1 620/379 & 377 160/949 135/167 1392/358 140/148 1569/242 1600/1499 2126/711 2405/1466 1300/871 1304/1574 2378/1572 (ORDER OF TANKING & 4713/233 2423/329 (ORDER OF TANKING 1533/144 306/1258 1374/151 1372/836 1480/1281 811/824 1464/49 914/854 1224/1163 2820/439 (C/D) 1639/302 2126/709 1658/689 1378/998 2143/647 1314/84 1841/81 805/729 4200/881 1425/1800 2140/1474 1102/1352 1501/476 1473/542 1530/639 1589/349 21139/1794 1472/241 1373/970 897/100 1472/339 1547/100 687/11 602/154 710/991 1062/1593 949/113 837/978 1130/929 1054/461 1054/462 809/413 779/1596 1155/140 1200/191 771/202 807/100 809/379 1297/811 917/1132 920/607 & 4746/1544	AIRPORT AUTHORITY	FE SIMPLE	74.83	RS	4746/1546	N/A	N/A	N/A	N/A	3/19/2019	N/A	N/A	N/A	N/A
193510000	1-66 ARAGUAY PARK DTB BLK 2105 23624 (EX 20701) OR4703/1359	AIRPORT AUTHORITY	FE SIMPLE	2.30	RS	4837/676	N/A	N/A	N/A	12/10/19	N/A	N/A	N/A	N/A	
079520000	1-66 ARAGUAY PARK DTB BLK 2105 23624 (EX 20701) OR4703/1359	AIRPORT AUTHORITY	FE SIMPLE	2.30	WD	4703/1359	N/A	N/A	N/A	4/2/2019	N/A	N/A	N/A	N/A	
080280040	1-15 ARAGUAY PARK DTB BLK 2105 23624 (EX 20701) OR4703/1359	AIRPORT AUTHORITY	FE SIMPLE	0.62	RS	4746/1546	N/A	N/A	N/A	3/19/2019	N/A	N/A	N/A	N/A	
080330000	1-15 ARAGUAY PARK DTB BLK 2105 23624 (EX 20701) OR4703/1359	AIRPORT AUTHORITY	FE SIMPLE	0.53	RS	4746/1546	N/A	N/A	N/A	3/19/2019	N/A	N/A	N/A	N/A	

ID	Approximate Acreage	GRANTOR
A.1	232 Acres	ST. JOHNS RIVER WATER MANAGEMENT DISTRICT
A.2	234 Acres	ST. JOHNS RIVER WATER MANAGEMENT DISTRICT
A.3	244 Acres	ST. JOHNS RIVER WATER MANAGEMENT DISTRICT
A.4	82 Acres	ST. JOHNS RIVER WATER MANAGEMENT DISTRICT

PARCEL ID	DESCRIPTION	INTEREST	GRANTOR / GRANTEE	ACREAGE	SJPCA PIN	BOOK/PAGE	DATE OF RECORDING	GRANT NO / W.P.I. NO
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