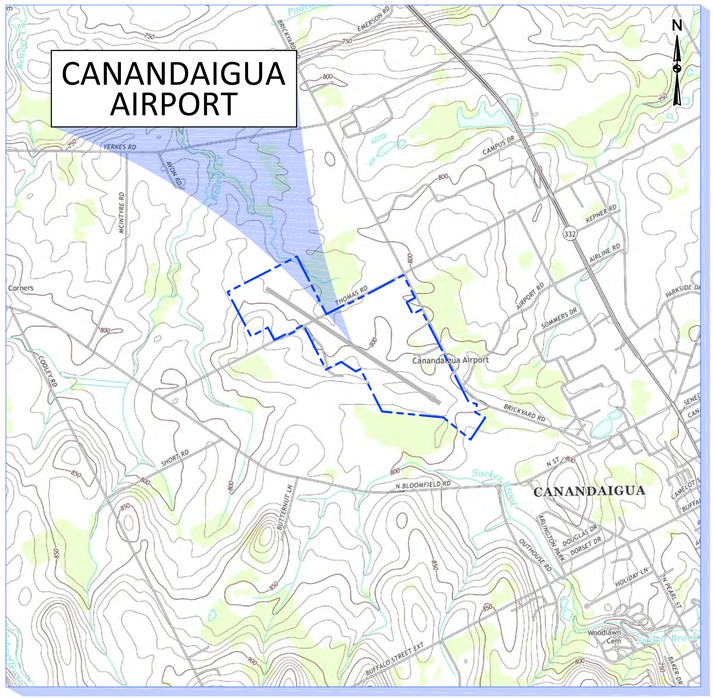
CANANDAIGUA AIRPORT
AIRPORT MASTER PLAN UPDATE

ONTARIO COUNTY, NEW YORK

NOVEMBER 2018

LOCATION MAP

DRAWING INDEX



VICINITY MAP

PREPARED FOR:

ONTARIO COUNTY IDA

FAA AIP PROJECT NO. 3-36-0093-036-2015
NYSDOT PROJECT NO. 4905.36
MCFARLAND JOHNSON PROJECT NO. 17674.13

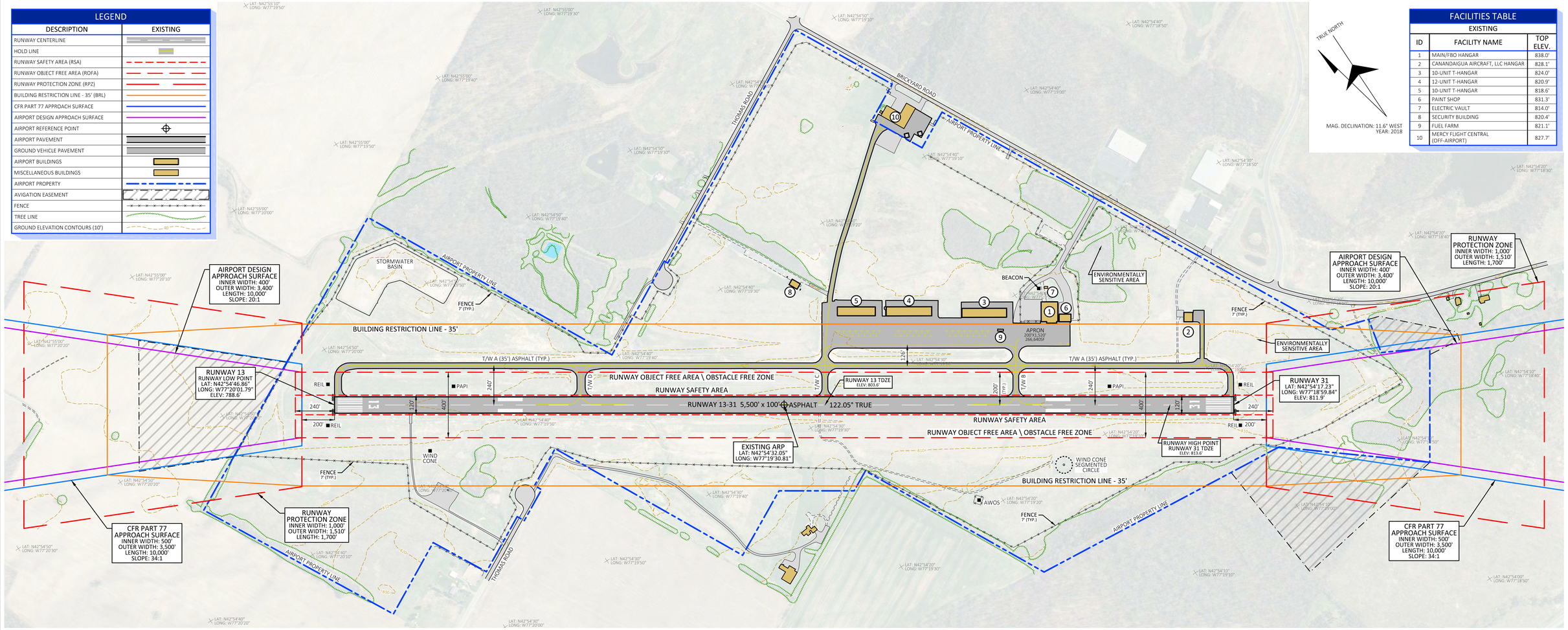
PREPARED BY:

McFarland Johnson
2525 STATE ROUTE 332
CANANDAIGUA, NEW YORK 14424 www.mjinc.com

K:\CANANDAIGUA\T-17674.13 Master Plan Update\Draw\Drawings\Drawing Set\COVER.dwg

LEGEND

DESCRIPTION	EXISTING
RUNWAY CENTERLINE	
HOLD LINE	
RUNWAY SAFETY AREA (RSA)	
RUNWAY OBJECT FREE AREA (ROFA)	
RUNWAY PROTECTION ZONE (RPZ)	
BUILDING RESTRICTION LINE - 35' (BRL)	
CFR PART 77 APPROACH SURFACE	
AIRPORT DESIGN APPROACH SURFACE	
AIRPORT REFERENCE POINT	
AIRPORT PAVEMENT	
GROUND VEHICLE PAVEMENT	
AIRPORT BUILDINGS	
MISCELLANEOUS BUILDINGS	
AIRPORT PROPERTY	
AVIGATION EASEMENT	
FENCE	
TREE LINE	
GROUND ELEVATION CONTOURS (10')	40



TRUE NORTH

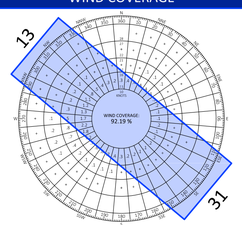
MAG. DECLINATION: 11.6° WEST
YEAR: 2018

FACILITIES TABLE

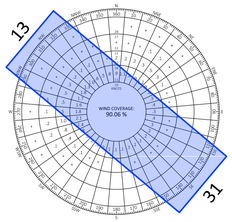
EXISTING

ID	FACILITY NAME	TOP ELEV.
1	MAIN/FBO HANGAR	838.0'
2	CANANDAIGUA AIRCRAFT, LLC HANGAR	828.1'
3	10-UNIT T-HANGAR	824.0'
4	12-UNIT T-HANGAR	820.9'
5	10-UNIT T-HANGAR	818.6'
6	PAINT SHOP	831.3'
7	ELECTRIC VAULT	814.0'
8	SECURITY BUILDING	820.4'
9	FUEL FARM	821.1'
10	MERCY FLIGHT CENTRAL (OFF-AIRPORT)	827.7'

WIND COVERAGE



ALL WEATHER WINDROSE



IFR WINDROSE

SOURCE:
NATIONAL CLIMACTIC DATA CENTER
725290 GREATER ROCHESTER INTERNATIONAL AIRPORT
2006-2015

WIND COVERAGE

KNOT	ALL WEATHER	IFR
10.5	86.36%	83.33%
13.0	92.19%	90.06%

RUNWAY SAFETY AREA DETERMINATION

RUNWAY ID	STANDARD RSA LENGTH BEYOND RUNWAY END	ACTUAL RSA		RSA DETERMINATION	DATE APPROVED
		LENGTH BEYOND RUNWAY END	VIOLATIONS TO RSA ALONG SIDE OF RUNWAY		
13	240'	240'	NONE	N/A	N/A
31	240'	240'	NONE	N/A	N/A

DECLARED DISTANCES

APPROACH END ID	TORA	TODA	ASDA	LDA	LDA		ASDA	DATE APPROVED
					APPROACH END RSA LENGTH	STOP END RSA LENGTH	RSA LENGTH	
6	5,500'	5,500'	5,500'	5,500'	240'	240'	240'	N/A
24	5,500'	5,500'	5,500'	5,500'	240'	240'	240'	

SCALE

0 300 600 900 1200

FEET

AIRPORT DATA TABLE

ITEM		EXISTING
AIRPORT REFERENCE CODE (ARC)		A-I
MEAN MAXIMUM TEMPERATURE OF HOTTEST MONTH		81° F
AIRPORT ELEVATION		813.6'
AIRPORT NAVIGATIONAL AIDS		BEACON
AIRPORT REFERENCE POINT	LATITUDE	N42°54'32.05"
	LONGITUDE	W77°19'30.81"
MISCELLANEOUS FACILITIES		AWOS
CRITICAL AIRCRAFT		CESSNA 210
MAGNETIC VARIATION (SOURCE: NGS, 2016)		11.6° W
NPIAS SERVICE LEVEL		RELIEVER
STATE SERVICE LEVEL		RELIEVER
COMBINED WIND COVERAGE (%)	ALL WEATHER	10.5 KNOT - 86.36%
	IFR	10.5 KNOT - 83.33%
TAXIWAY DESIGN GROUP (TDG)		2
TAXIWAY SAFETY AREA (TSA) WIDTH		49'
TAXIWAY OBJECT FREE AREA (TOFA) WIDTH		89'
TAXILANE OBJECT FREE AREA (TLOFA) WIDTH		79'
TAXIWAY EDGE SAFETY MARGIN (TESM)		7.5'
TAXIWAY LIGHTING		MITL
TAXIWAY MARKING		BASIC
TAXIWAY SURFACE TYPE		ASPHALT

RUNWAY DATA TABLE

ITEM		RUNWAY 13-31
		EXISTING
RUNWAY REFERENCE CODE (RRC)		A-I-4000
APPROACH REFERENCE CODE (APRC)		B-II-4000
DEPARTURE REFERENCE CODE (DPRC)		B-II
CRITICAL AIRCRAFT		CESSNA 421C
PAVEMENT STRENGTH	SINGLE WHEEL	75,000 LBS
	DUAL WHEEL	N/A
	DUAL TANDEM	N/A
	PCN	N/A
SURFACE TYPE		ASPHALT - GROOVED
EFFECTIVE RUNWAY GRADIENT		0.42%
MAXIMUM GRADE CHANGE		1.11%
WIND COVERAGE (%)	ALL WEATHER	10.5 KNOT - 86.36%
	IFR	10.5 KNOT - 83.33%
RUNWAY LENGTH		5,500'
RUNWAY WIDTH		100'
DISPLACED THRESHOLD		N/A
RUNWAY END COORDINATES	LATITUDE	13 - N42°54'46.86"
	LONGITUDE	13 - W77°20'01.79"
	LATITUDE	31 - N42°54'17.23"
	LONGITUDE	31 - W77°18'59.84"
RUNWAY LIGHTING		MIRL
RUNWAY MARKING		NPI
CFR PART 77 APPROACH TYPE		NPI / NPI
CFR PART 77 APPROACH CATEGORY		34:1 / 34:1
VISIBILITY MINIMUMS		7/8 MILE

RUNWAY DATA TABLE

ITEM		RUNWAY 13-31
		EXISTING
TYPE OF AERONAUTICAL SURVEY		VERTICALLY GUIDED
RUNWAY DEPARTURE SURFACE		N/A
AIRPORT DESIGN APPROACH SURFACE FROM TABLE 3-2 IN EB #99		#4
RUNWAY PROTECTION ZONE (RPZ)	INNER WIDTH	1,000'
	OUTER WIDTH	1,510'
	LENGTH	1,700'
RUNWAY OBJECT FREE AREA (ROFA)	LENGTH BEYOND RUNWAY	240'
	WIDTH	400'
RUNWAY SAFETY AREA (RSA)	LENGTH BEYOND RUNWAY	240'
	WIDTH	120'
OBSTACLE FREE ZONE (OFZ)	LENGTH BEYOND RUNWAY	200'
	WIDTH	400'
VISUAL APPROACH AIDS		PAPI, REIL / PAPI, REIL
INSTRUMENT APPROACH AIDS		N/A
MAXIMUM ELEVATION		813.6'
RUNWAY END ELEVATIONS		788.6' / 811.9'
DISPLACED THRESHOLD ELEVATION		N/A
TOUCH DOWN ZONE (TDZ) ELEVATION		803.6' / 813.6'
LINE OF SIGHT VIOLATIONS		N/A

NOTES:

- ALL POSITIONAL DATA REFERENCES NORTH AMERICAN DATUM OF 1983 (NAD83) AND NORTH AMERICAN VERTICAL DATUM 1988 (NGVD88).
- ALL ELEVATIONS SHOWN ARE AMSL.
- AERIAL MAPPING BY QUANTUM SPATIAL, 2016 AND COL-EAST, INC., 2013.
- THERE ARE NO PACS AND SACS AT THE AIRPORT.
- ROAD ELEVATIONS AS INDICATED INCLUDE CONSIDERATION OF VEHICLES PER CFR PART 77. (15' FOR ROAD, 17' FOR INTERSTATE, 23' FOR RAILROAD)

MODIFICATION TO DESIGN STANDARDS

NO.	STANDARD MODIFIED	FAA STANDARDS	DESCRIPTION	EXISTING CONDITION	PROPOSED ACTION	DATE APPROVED
1	TAXIWAY DESIGN	DIRECT ACCESS NOT RECOMMENDED	TAXIWAY B AND C PROVIDES DIRECT ACCESS ACROSS TAXIWAY A TO RUNWAY 13-31	TAXIWAY B AND C PROVIDES DIRECT ACCESS; TWO AIRFIELD GUIDANCE SIGNS, AND RUNWAY GUARD LIGHTS, INSTALLED AT RUNWAY HOLD LINES	MAINTAIN TWO AIRFIELD GUIDANCE SIGNS AND RUNWAY GUARD LIGHTS; OBTAIN MOS	

REV	DATE	DESCRIPTION	BY	SPONSOR

McFarland Johnson
2525 STATE ROUTE 332
CANANDAIGUA, NEW YORK 14424 www.mjinc.com

CANANDAIGUA AIRPORT
ONTARIO COUNTY, NEW YORK

EXISTING AIRPORT LAYOUT

SCALE: 1" = 300'	DESIGN: ZAS	SHEET:	1
DRAWN: RGT	PROJECT: 17674.13		
CHECKED: NE	DATE: NOVEMBER 2018		

K:\CANANDAIGUA\T-17674.13 Master Plan Update\Draw\Drawings\Drawing Set\EXISTING.dwg

LEGEND

DESCRIPTION	EXISTING	PROPOSED
RUNWAY CENTERLINE		SAME
HOLD LINE		SAME
RUNWAY SAFETY AREA (RSA)		
RUNWAY OBJECT FREE AREA (ROFA)		
RUNWAY PROTECTION ZONE (RPZ)		
BUILDING RESTRICTION LINE - 35' (BRL)		SAME
CFR PART 77 APPROACH SURFACE		SAME
AIRPORT DESIGN APPROACH SURFACE		SAME
AIRPORT REFERENCE POINT		SAME
AIRPORT PAVEMENT		
GROUND VEHICLE PAVEMENT		
AIRPORT BUILDINGS		
MISCELLANEOUS BUILDINGS		SAME
TO BE REMOVED	N/A	
DEVELOPMENT AREA	N/A	
AIRPORT PROPERTY		SAME
AVIGATION EASEMENT		
NON-AERONAUTICAL USE	N/A	
FENCE		SAME
TREE LINE		SAME
GROUND ELEVATION CONTOURS (10')	40	SAME

ONTARIO COUNTY INDUSTRIAL DEVELOPMENT AGENCY

APPROVED _____ DATE _____

NEW YORK STATE DEPARTMENT OF TRANSPORTATION

APPROVED _____ DATE _____

TRUE NORTH

MAG. DECLINATION: 11.6° WEST
YEAR: 2018

**FEDERAL AVIATION ADMINISTRATION
NEW YORK AIRPORTS DISTRICT OFFICE**

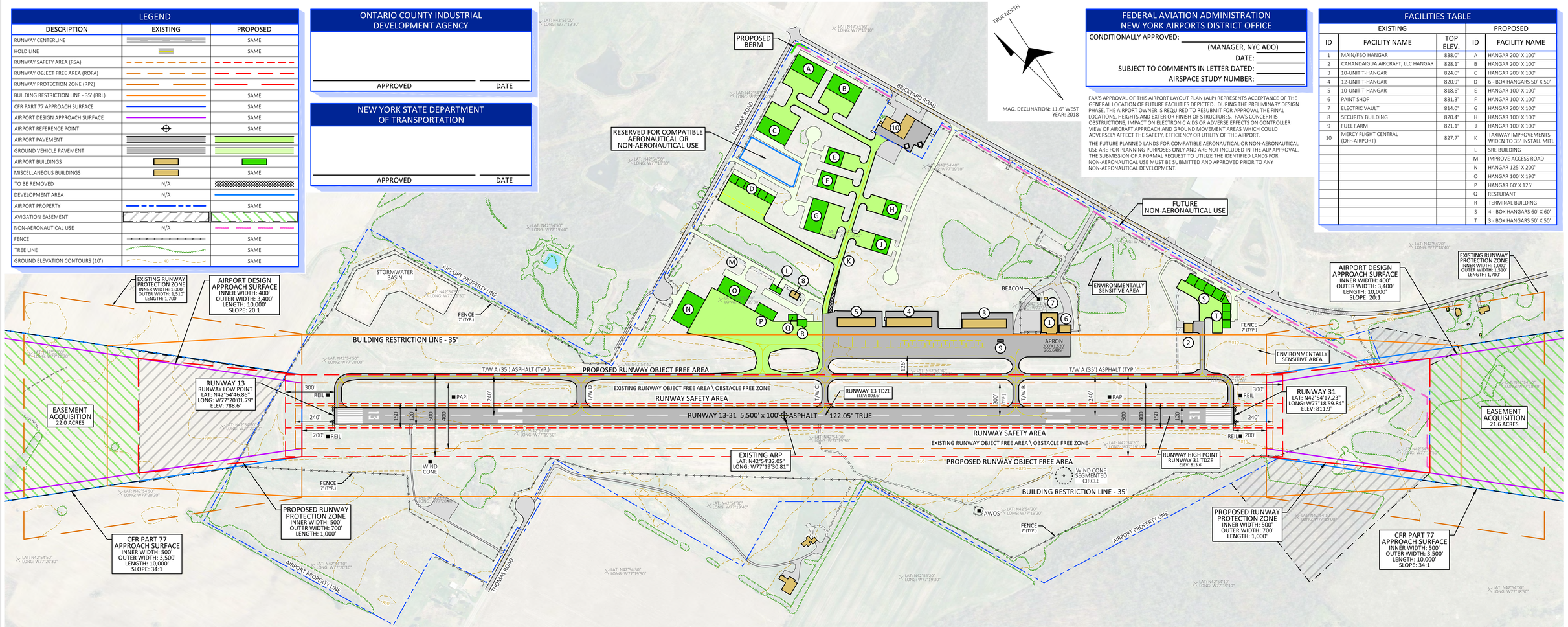
CONDITIONALLY APPROVED: _____
(MANAGER, NYC ADO)
DATE: _____
SUBJECT TO COMMENTS IN LETTER DATED: _____
AIRSPACE STUDY NUMBER: _____

FAA'S APPROVAL OF THIS AIRPORT LAYOUT PLAN (ALP) REPRESENTS ACCEPTANCE OF THE GENERAL LOCATION OF FUTURE FACILITIES DEPICTED. DURING THE PRELIMINARY DESIGN PHASE, THE AIRPORT OWNER IS REQUIRED TO RESUBMIT FOR APPROVAL THE FINAL LOCATIONS, HEIGHTS AND EXTERIOR FINISH OF STRUCTURES. FAA'S CONCERN IS OBSTRUCTIONS, IMPACT ON ELECTRONIC AIDS OR ADVERSE EFFECTS ON CONTROLLER VIEW OF AIRCRAFT APPROACH AND GROUND MOVEMENT AREAS WHICH COULD ADVERSELY AFFECT THE SAFETY, EFFICIENCY OR UTILITY OF THE AIRPORT.

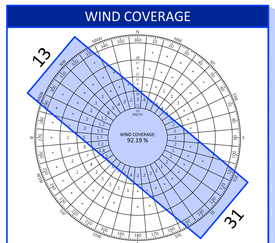
THE FUTURE PLANNED LANDS FOR COMPATIBLE AERONAUTICAL OR NON-AERONAUTICAL USE ARE FOR PLANNING PURPOSES ONLY AND ARE NOT INCLUDED IN THE ALP APPROVAL. THE SUBMISSION OF A FORMAL REQUEST TO UTILIZE THE IDENTIFIED LANDS FOR NON-AERONAUTICAL USE MUST BE SUBMITTED AND APPROVED PRIOR TO ANY NON-AERONAUTICAL DEVELOPMENT.

FACILITIES TABLE

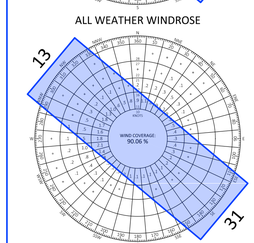
EXISTING ID	EXISTING FACILITY NAME	EXISTING TOP ELEV.	PROPOSED ID	PROPOSED FACILITY NAME
1	MAIN/FBO HANGAR	838.0'	A	HANGAR 200' X 100'
2	CANANDAIGUA AIRCRAFT, LLC HANGAR	828.1'	B	HANGAR 200' X 100'
3	10-UNIT T-HANGAR	824.0'	C	HANGAR 200' X 100'
4	12-UNIT T-HANGAR	820.9'	D	6 - BOX HANGARS 50' X 50'
5	10-UNIT T-HANGAR	818.6'	E	HANGAR 100' X 100'
6	PAINT SHOP	831.3'	F	HANGAR 100' X 100'
7	ELECTRIC VAULT	814.0'	G	HANGAR 200' X 100'
8	SECURITY BUILDING	820.4'	H	HANGAR 100' X 100'
9	FUEL FARM	821.1'	J	HANGAR 100' X 100'
10	MERCY FLIGHT CENTRAL (OFF-AIRPORT)	827.7'	K	TAXIWAY IMPROVEMENTS WIDEN TO 35' INSTALL MITL
			L	SRE BUILDING
			M	IMPROVE ACCESS ROAD
			N	HANGAR 125' X 200'
			O	HANGAR 100' X 190'
			P	HANGAR 60' X 125'
			Q	RESTURANT
			R	TERMINAL BUILDING
			S	4 - BOX HANGARS 60' X 60'
			T	3 - BOX HANGARS 50' X 50'



WIND COVERAGE



ALL WEATHER WINDROSE



IFR WINDROSE

SOURCE:
NATIONAL CLIMACTIC DATA CENTER
725290 GREATER ROCHESTER INTERNATIONAL AIRPORT
2006-2015

WIND COVERAGE

KNOT	ALL WEATHER	IFR
10.5	86.36%	83.33%
13.0	92.19%	90.06%

RUNWAY SAFETY AREA DETERMINATION

EXISTING RUNWAY ID	STANDARD RSA LENGTH BEYOND RUNWAY END	ACTUAL RSA: LENGTH BEYOND RUNWAY END	ACTUAL RSA: VIOLATIONS TO RSA ALONG SIDE OF RUNWAY	RSA DETERMINATION	DATE APPROVED
13	240'	240'	NONE	N/A	N/A
31	240'	240'	NONE	N/A	N/A

PROPOSED RUNWAY ID	STANDARD RSA LENGTH BEYOND RUNWAY END	ACTUAL RSA: LENGTH BEYOND RUNWAY END	ACTUAL RSA: VIOLATIONS TO RSA ALONG SIDE OF RUNWAY	RSA DETERMINATION	DATE APPROVED
13	300'	300'	NONE	N/A	N/A
31	300'	300'	NONE	N/A	N/A

DECLARED DISTANCES

APPROACH END ID	TORA	TODA	ASDA	LDA	LDA: APPROACH END RSA LENGTH	LDA: STOP END RSA LENGTH	ASDA: RSA LENGTH	DATE APPROVED
EXISTING								
6	5,500'	5,500'	5,500'	5,500'	240'	240'	240'	N/A
24	5,500'	5,500'	5,500'	5,500'	240'	240'	240'	
PROPOSED								
6	5,500'	5,500'	5,500'	5,500'	300'	300'	300'	N/A
24	5,500'	5,500'	5,500'	5,500'	300'	300'	300'	

AIRPORT DATA TABLE

ITEM		EXISTING	PROPOSED
AIRPORT REFERENCE CODE (ARC)		A-I	B-II
MEAN MAXIMUM TEMPERATURE OF HOTTEST MONTH		81° F	81° F
AIRPORT ELEVATION		813.6'	813.6'
AIRPORT NAVIGATIONAL AIDS		BEACON	BEACON
AIRPORT REFERENCE POINT	LATITUDE	N42°54'32.05"	N42°54'32.05"
	LONGITUDE	W77°19'30.81"	W77°19'30.81"
MISCELLANEOUS FACILITIES		AWOS	AWOS
CRITICAL AIRCRAFT		CESSNA 210	CESSNA CITATION II
MAGNETIC VARIATION (SOURCE: NGS, 2016)		11.6° W	11.6° W
NPIAS SERVICE LEVEL		RELIEVER	RELIEVER
STATE SERVICE LEVEL		RELIEVER	RELIEVER
COMBINED WIND COVERAGE (%)	ALL WEATHER	10.5 KNOT - 86.36%	13.0 KNOT - 92.19%
	IFR	10.5 KNOT - 83.33%	13.0 KNOT - 90.06%
TAXIWAY DESIGN GROUP (TDG)		2	2
TAXIWAY SAFETY AREA (TSA) WIDTH		49'	79'
TAXIWAY OBJECT FREE AREA (TOFA) WIDTH		89'	131'
TAXILANE OBJECT FREE AREA (TLOFA) WIDTH		79'	115'
TAXIWAY EDGE SAFETY MARGIN (TESM)		7.5'	7.5'
TAXIWAY LIGHTING		MITL	MITL
TAXIWAY MARKING		BASIC	BASIC
TAXIWAY SURFACE TYPE		ASPHALT	ASPHALT

RUNWAY DATA TABLE

ITEM		RUNWAY 13-31 EXISTING	RUNWAY 13-31 PROPOSED
RUNWAY REFERENCE CODE (RRC)		A-I-4000	B-II-5000
APPROACH REFERENCE CODE (APRC)		B-II-4000	B-II-4000
DEPARTURE REFERENCE CODE (DPRC)		B-II	B-II
CRITICAL AIRCRAFT		CESSNA 210	CESSNA CITATION II
PAVEMENT STRENGTH	SINGLE WHEEL	75,000 LBS	75,000 LBS
	DUAL WHEEL	N/A	N/A
	DUAL TANDEM	N/A	N/A
	PCN	N/A	N/A
SURFACE TYPE		ASPHALT - GROOVED	ASPHALT - GROOVED
EFFECTIVE RUNWAY GRADIENT		0.42%	0.42%
MAXIMUM GRADE CHANGE		1.11%	1.11%
WIND COVERAGE (%)	ALL WEATHER	10.5 KNOT - 86.36%	13.0 KNOT - 92.19%
	IFR	10.5 KNOT - 83.33%	13.0 KNOT - 90.06%
RUNWAY LENGTH		5,500'	5,500'
RUNWAY WIDTH		100'	100'
DISPLACED THRESHOLD		N/A	N/A
RUNWAY END COORDINATES	LATITUDE	13 - N42°54'46.86"	13 - N42°54'46.86"
	LONGITUDE	13 - W77°20'01.79"	13 - W77°20'01.79"
	LATITUDE	31 - N42°54'17.23"	31 - N42°54'17.23"
	LONGITUDE	31 - W77°18'59.84"	31 - W77°18'59.84"
RUNWAY LIGHTING		MIRL	MIRL
RUNWAY MARKING		NPI	NPI
CFR PART 77 APPROACH TYPE		NPI / NPI	NPI / NPI
CFR PART 77 APPROACH CATEGORY		34:1 / 34:1	34:1 / 34:1
VISIBILITY MINIMUMS		7/8 MILE	1 MILE

RUNWAY DATA TABLE

ITEM		RUNWAY 13-31 EXISTING	RUNWAY 13-31 PROPOSED
TYPE OF AERONAUTICAL SURVEY		VERTICALLY GUIDED	VERTICALLY GUIDED
RUNWAY DEPARTURE SURFACE		N/A	N/A
AIRPORT DESIGN APPROACH SURFACE FROM TABLE 3-2 IN EB #99		#4	#4
RUNWAY PROTECTION ZONE (RPZ)	INNER WIDTH	1,000'	500'
	OUTER WIDTH	1,510'	700'
	LENGTH	1,700'	1,000'
RUNWAY OBJECT FREE AREA (ROFA)	LENGTH BEYOND RUNWAY	240'	300'
	WIDTH	400'	500'
RUNWAY SAFETY AREA (RSA)	LENGTH BEYOND RUNWAY	240'	300'
	WIDTH	120'	150'
OBSTACLE FREE ZONE (OFZ)	LENGTH BEYOND RUNWAY	200'	200'
	WIDTH	400'	400'
VISUAL APPROACH AIDS		PAPI, REIL / PAPI, REIL	PAPI, REIL / PAPI, REIL
INSTRUMENT APPROACH AIDS		N/A	N/A
MAXIMUM ELEVATION		813.6'	813.6'
RUNWAY END ELEVATIONS		788.6' / 811.9'	788.6' / 811.9'
DISPLACED THRESHOLD ELEVATION		N/A	N/A
TOUCH DOWN ZONE (TDZ) ELEVATION		803.6' / 813.6'	803.6' / 813.6'
LINE OF SIGHT VIOLATIONS		N/A	N/A

SCALE

0 300 600 900 1200

FEET

NOTES:
- ALL POSITIONAL DATA REFERENCES NORTH AMERICAN DATUM OF 1983 (NAD83) AND NORTH AMERICAN VERTICAL DATUM 1988 (NGVD88).
- ALL ELEVATIONS SHOWN ARE AMSL.
- AERIAL MAPPING BY QUANTUM SPATIAL, 2016 AND COL-EAST, INC., 2013.
- THERE ARE NO PACS AND SACS AT THE AIRPORT.
- ROAD ELEVATIONS AS INDICATED INCLUDE CONSIDERATION OF VEHICLES PER CFR PART 77. (15' FOR ROAD, 17' FOR INTERSTATE, 23' FOR RAILROAD)

MODIFICATION TO DESIGN STANDARDS

NO.	STANDARD MODIFIED	FAA STANDARDS	DESCRIPTION	EXISTING CONDITION	PROPOSED ACTION	DATE APPROVED
1	TAXIWAY DESIGN	DIRECT ACCESS NOT RECOMMENDED	TAXIWAY B AND C PROVIDES DIRECT ACCESS ACROSS TAXIWAY A TO RUNWAY 13-31	TAXIWAY B AND C PROVIDES DIRECT ACCESS; TWO AIRFIELD GUIDANCE SIGNS, AND RUNWAY GUARD LIGHTS, INSTALLED AT RUNWAY HOLD LINES	MAINTAIN TWO AIRFIELD GUIDANCE SIGNS AND RUNWAY GUARD LIGHTS; OBTAIN MOS	

REV	DATE	DESCRIPTION	BY	SPONSOR

McFarland Johnson
2525 STATE ROUTE 332
CANANDAIGUA, NEW YORK 14424 www.mjinc.com

CANANDAIGUA AIRPORT
ONTARIO COUNTY, NEW YORK

AIRPORT LAYOUT PLAN

SCALE: 1" = 300'	DESIGN: ZAS	SHEET: 2	
DRAWN: RGT	PROJECT: 17674.13		
CHECKED: NE	DATE: NOVEMBER 2018		

K:\CANANDAIGUA\T-17674.13 Master Plan Update\Draw\Drawing\Drawing Set\ALP.dwg

LEGEND

DESCRIPTION	EXISTING	PROPOSED
RUNWAY CENTERLINE		SAME
HOLD LINE		SAME
RUNWAY SAFETY AREA (RSA)		
RUNWAY OBJECT FREE AREA (ROFA)		
TAXIWAY SAFETY AREA (TSA)	NOT SHOWN	
TAXIWAY OBJECT FREE AREA (TOFA)	NOT SHOWN	
BUILDING RESTRICTION LINE - 35' (BRL)		SAME
AIRPORT PAVEMENT		
GROUND VEHICLE PAVEMENT		
AIRPORT BUILDINGS		
MISCELLANEOUS BUILDINGS		SAME
TO BE REMOVED	N/A	
FENCE		SAME
TREE LINE		SAME

FACILITIES TABLE

EXISTING			PROPOSED	
ID	FACILITY NAME	TOP ELEV.	ID	FACILITY NAME
1	MAIN/FBO HANGAR	838.0'	G	HANGAR 200' X 100'
3	10-UNIT T-HANGAR	824.0'	H	HANGAR 100' X 100'
4	12-UNIT T-HANGAR	820.9'	J	HANGAR 100' X 100'
5	10-UNIT T-HANGAR	818.6'	K	TAXIWAY IMPROVEMENTS WIDEN TO 35' INSTALL MITL
6	PAINT SHOP	831.3'	L	SRE BUILDING
7	ELECTRIC VAULT	814.0'	M	IMPROVE ACCESS ROAD
8	SECURITY BUILDING	820.4'	N	HANGAR 125' X 200'
9	FUEL FARM	821.1'	O	HANGAR 100' X 190'
			P	HANGAR 60' X 125'
			Q	RESTURANT
			R	TERMINAL BUILDING

SCALE

0 80 160 240 320

FEET

NOTES:

- ALL POSITIONAL DATA REFERENCES NORTH AMERICAN DATUM OF 1983 (NAD83) AND NORTH AMERICAN VERTICAL DATUM 1988 (NGVD88).
- ALL ELEVATIONS SHOWN ARE AMSL.
- AERIAL MAPPING BY QUANTUM SPATIAL, 2016 AND COL-EAST, INC., 2013.

REV	DATE	DESCRIPTION	BY	SPONSOR

McFarland Johnson
2525 STATE ROUTE 332
CANANDAIGUA, NEW YORK 14424 www.mjinc.com

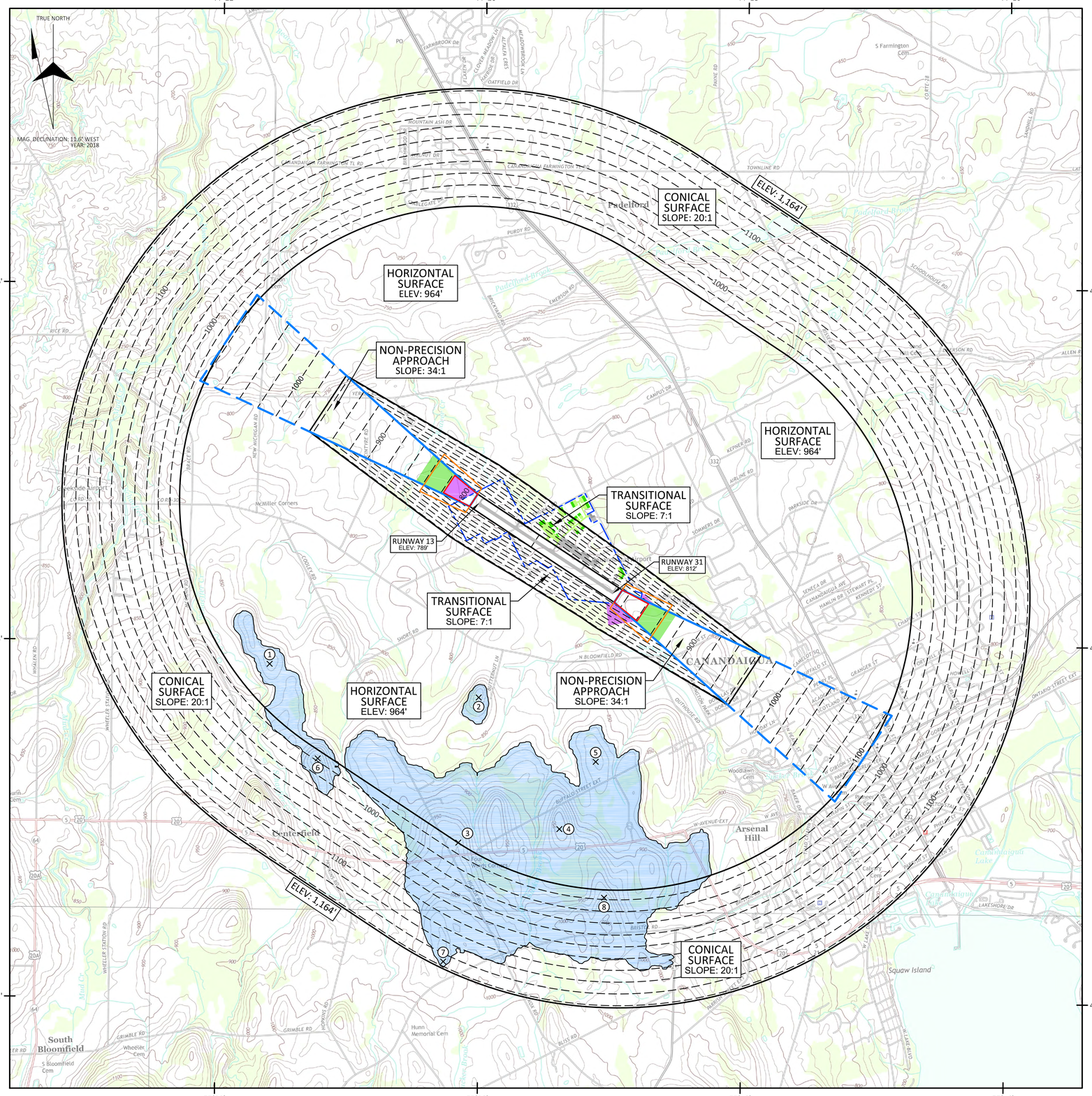
CANANDAIGUA AIRPORT
ONTARIO COUNTY, NEW YORK

TERMINAL AREA PLAN

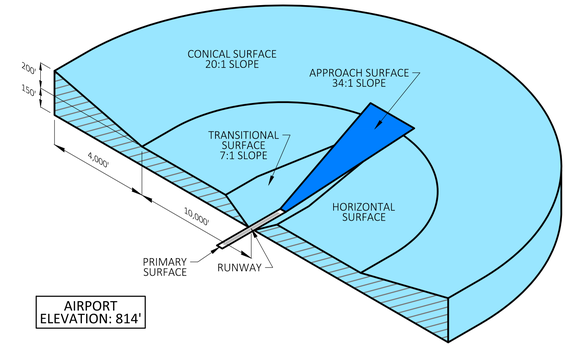
SCALE:	1" = 80'	DESIGN:	ZAS
DRAWN:	RGT	PROJECT:	17674.13
CHECKED:	NE	DATE:	NOVEMBER 2018

SHEET: 3

K:\CANANDAIGUA\T-17674.13 Master Plan Update\Draw\Drawings\Drawing Set\TERMINAL.dwg



ISOMETRIC VIEW OF IMAGINARY SURFACES



- EXISTING AIRPORT PROPERTY
- EXISTING AIRPORT EASEMENT
- PROPOSED AIRPORT EASEMENT
- NATIONAL ELEVATION DATASET OBSTRUCTIONS
- EXISTING RUNWAY PROTECTION ZONE
- PROPOSED RUNWAY PROTECTION ZONE

CFR PART 77 CONICAL SURFACE

LABEL	DESCRIPTION	TOP ELEVATION	PENETRATION	PROPOSED ACTION
6	NATIONAL ELEVATION DATASET	1,021'	45'	LIGHT
7	NATIONAL ELEVATION DATASET	1,168'	15'	LIGHT
8	NATIONAL ELEVATION DATASET	1,082'	105'	LIGHT

CFR PART 77 HORIZONTAL SURFACE

LABEL	DESCRIPTION	TOP ELEVATION	PENETRATION	PROPOSED ACTION
1	NATIONAL ELEVATION DATASET	984'	21'	LIGHT
2	NATIONAL ELEVATION DATASET	1,002'	38'	LIGHT
3	NATIONAL ELEVATION DATASET	1,078'	115'	LIGHT
4	NATIONAL ELEVATION DATASET	1,056'	92'	LIGHT
5	NATIONAL ELEVATION DATASET	993'	29'	LIGHT

USGS QUADRANGLES

VICTOR, NEW YORK	CANANDAIGUA, NEW YORK
BRISTOL CENTER, NEW YORK	CANANDAIGUA LAKE, NEW YORK

SCALE

0 1800 3600 5400 7200

FEET

NOTES:
- FOR INNER APPROACH OBSTRUCTIONS PLEASE REFER TO SHEET 5.
- USGS NATIONAL ELEVATION DATASET SHOWN REPRESENT GROUND, POLES, TREES AND BUILDING OBSTRUCTIONS.
- (ASSUMED OBJECT HEIGHT OF 100' ABOVE GROUND).ALL POSITIONAL DATA REFERENCES NORTH AMERICAN DATUM OF 1983 (NAD83) AND NORTH AMERICAN VERTICAL DATUM 1988 (NGVD88).
- ALL ELEVATIONS SHOWN ARE AMSL.
- AERIAL MAPPING BY QUANTUM SPATIAL, 2016 AND COL-EAST, INC., 2013.

REV	DATE	DESCRIPTION	BY	SPONSOR

CANANDAIGUA AIRPORT

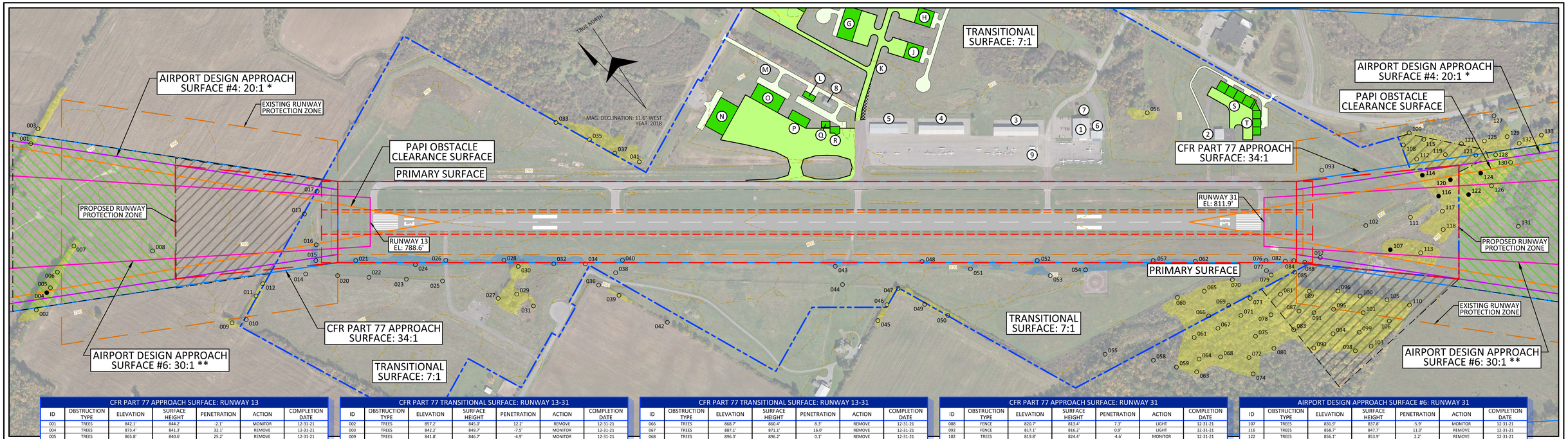
ONTARIO COUNTY, NEW YORK

AIRPORT AIRSPACE PLAN

McFarland Johnson
2525 STATE ROUTE 332
CANANDAIGUA, NEW YORK 14424 www.mjinc.com

SCALE: 1" = 1,800'	DESIGN: ZAS	SHEET:	4
DRAWN: RGT	PROJECT: 17674.13		
CHECKED: NE	DATE: NOVEMBER 2018		

K:\CANANDAIGUA\T-17674.13 Master Plan Update\Draw\Drawings\Drawing Set\AIRSPACE.dwg



CFR PART 77 APPROACH SURFACE: RUNWAY 13

ID	OBSTRUCTION TYPE	ELEVATION	SURFACE HEIGHT	PENETRATION	ACTION	COMPLETION DATE
001	TREES	842.1'	844.2'	-2.1'	MONITOR	12-31-21
004	TREES	873.4'	841.3'	32.1'	REMOVE	12-31-21
005	TREES	865.8'	840.6'	25.2'	REMOVE	12-31-21
006	TREES	850.0'	839.4'	10.6'	REMOVE	12-31-21
007	TREES	835.9'	836.4'	-0.5'	MONITOR	12-31-21
008	TREES	835.1'	822.2'	12.9'	REMOVE	12-31-21
013	FENCE	795.2'	794.7'	0.5'	LIGHT	12-31-21
015	GROUND	796.0'	792.6'	3.4'	LIGHT	12-31-21
016	GROUND	794.1'	792.6'	1.5'	LIGHT	12-31-21
017	FENCE	793.7'	792.4'	1.3'	LIGHT	12-31-21

AIRPORT DESIGN APPROACH SURFACE #4: RUNWAY 13

ID	OBSTRUCTION TYPE	ELEVATION	SURFACE HEIGHT	PENETRATION	ACTION	COMPLETION DATE
004	TREES	873.4'	878.2'	-4.8'	MONITOR	12-31-21

AIRPORT DESIGN APPROACH SURFACE #6: RUNWAY 13

ID	OBSTRUCTION TYPE	ELEVATION	SURFACE HEIGHT	PENETRATION	ACTION	COMPLETION DATE
008	TREES	835.1'	833.3'	1.8'	REMOVE	12-31-21

PAPI OBSTACLE CLEARANCE SURFACE: RUNWAY 13

ID	OBSTRUCTION TYPE	ELEVATION	SURFACE HEIGHT	PENETRATION	ACTION	COMPLETION DATE
005	TREES	865.8'	864.9'	0.9'	REMOVE	12-31-21

CFR PART 77 TRANSITIONAL SURFACE: RUNWAY 13-31

ID	OBSTRUCTION TYPE	ELEVATION	SURFACE HEIGHT	PENETRATION	ACTION	COMPLETION DATE
002	TREES	857.2'	845.0'	12.2'	REMOVE	12-31-21
003	TREES	842.2'	849.7'	-7.5'	MONITOR	12-31-21
009	TREES	841.8'	846.7'	-4.9'	MONITOR	12-31-21
010	POLE	854.2'	843.3'	10.9'	LIGHT	12-31-21
011	TREES	819.5'	821.9'	-2.4'	MONITOR	12-31-21
012	TREES	825.9'	810.9'	15.0'	REMOVE	12-31-21
014	FENCE	801.4'	800.1'	1.3'	LIGHT	12-31-21
020	FENCE	805.4'	800.1'	5.3'	LIGHT	12-31-21
022	FENCE	808.4'	801.5'	6.9'	LIGHT	12-31-21
023	FENCE	810.2'	803.8'	6.4'	LIGHT	12-31-21
024	GROUND	791.7'	791.2'	0.5'	LIGHT	12-31-21
025	FENCE	810.6'	806.0'	4.6'	LIGHT	12-31-21
027	TREES	837.8'	822.2'	15.6'	REMOVE	12-31-21
029	TREES	838.3'	818.8'	19.5'	REMOVE	12-31-21
030	TREES	843.8'	794.4'	49.4'	REMOVE	12-31-21
031	TREES	848.5'	829.4'	19.1'	REMOVE	12-31-21
032	GROUND	793.1'	792.7'	0.4'	LIGHT	12-31-21
033	TREES	844.6'	843.7'	0.9'	REMOVE	12-31-21
034	FENCE	800.9'	793.9'	7.0'	LIGHT	12-31-21
035	TREES	851.9'	829.8'	22.1'	REMOVE	12-31-21
036	TREES	817.8'	813.1'	4.7'	REMOVE	12-31-21
037	TREES	851.3'	819.2'	32.1'	REMOVE	12-31-21
038	FENCE	804.0'	803.1'	0.9'	LIGHT	12-31-21
039	TREES	822.9'	823.1'	-0.2'	MONITOR	12-31-21
041	TREES	814.6'	812.5'	2.1'	REMOVE	12-31-21
042	TREES	841.1'	849.0'	-7.9'	MONITOR	12-31-21
043	GROUND	806.9'	806.1'	0.8'	LIGHT	12-31-21
044	FENCE	824.1'	822.3'	1.8'	LIGHT	12-31-21
045	TREES	852.0'	855.1'	-3.1'	MONITOR	12-31-21
046	TREES	842.2'	841.4'	0.8'	REMOVE	12-31-21
047	TREES	848.3'	827.4'	20.9'	REMOVE	12-31-21
049	TREES	853.3'	842.3'	11.0'	REMOVE	12-31-21
050	TREES	849.6'	852.7'	-3.1'	MONITOR	12-31-21
051	GROUND	813.3'	812.5'	0.8'	LIGHT	12-31-21
053	GROUND	821.7'	820.9'	0.8'	LIGHT	12-31-21
054	GROUND	819.9'	816.8'	3.1'	LIGHT	12-31-21
055	TREES	884.7'	891.7'	-7.0'	MONITOR	12-31-21
056	TREES	867.1'	872.7'	-5.6'	MONITOR	12-31-21
058	TREES	889.3'	898.4'	-9.1'	MONITOR	12-31-21
059	TREES	895.7'	905.2'	-9.5'	MONITOR	12-31-21
060	TREES	844.3'	844.0'	0.3'	REMOVE	12-31-21
061	TREES	879.7'	879.5'	0.2'	REMOVE	12-31-21
063	TREES	902.6'	909.6'	-7.0'	MONITOR	12-31-21
064	TREES	901.8'	898.5'	3.3'	REMOVE	12-31-21
065	TREES	833.4'	838.7'	-5.3'	MONITOR	12-31-21

CFR PART 77 TRANSITIONAL SURFACE: RUNWAY 13-31

ID	OBSTRUCTION TYPE	ELEVATION	SURFACE HEIGHT	PENETRATION	ACTION	COMPLETION DATE
066	TREES	868.7'	860.4'	8.3'	REMOVE	12-31-21
067	TREES	887.1'	871.1'	16.0'	REMOVE	12-31-21
068	TREES	896.3'	896.2'	0.1'	REMOVE	12-31-21
069	TREES	869.4'	850.6'	18.8'	REMOVE	12-31-21
070	TREES	840.6'	827.9'	12.7'	REMOVE	12-31-21
071	TREES	882.6'	859.1'	23.5'	REMOVE	12-31-21
072	TREES	892.3'	895.9'	-3.6'	MONITOR	12-31-21
073	TREES	865.8'	843.7'	22.1'	REMOVE	12-31-21
074	TREES	903.6'	910.2'	-6.6'	MONITOR	12-31-21
075	TREES	882.4'	876.9'	5.5'	REMOVE	12-31-21
077	FENCE	819.2'	818.9'	0.3'	LIGHT	12-31-21
078	TREES	894.1'	857.8'	36.3'	REMOVE	12-31-21
079	TREES	837.4'	822.8'	14.6'	REMOVE	12-31-21
080	TREES	878.1'	887.3'	-9.2'	MONITOR	12-31-21
081	TREES	896.7'	839.7'	57.0'	REMOVE	12-31-21
083	TREES	877.2'	870.9'	6.3'	REMOVE	12-31-21
085	TREES	888.9'	820.2'	68.7'	REMOVE	12-31-21
087	TREES	895.1'	854.7'	40.4'	REMOVE	12-31-21
089	TREES	890.5'	837.7'	52.8'	REMOVE	12-31-21
090	TREES	883.2'	887.9'	-4.7'	MONITOR	12-31-21
091	TREES	877.2'	856.9'	20.3'	REMOVE	12-31-21
093	TREES	832.2'	823.0'	9.2'	REMOVE	12-31-21
094	TREES	900.3'	876.3'	24.0'	REMOVE	12-31-21
095	TREES	881.6'	854.7'	26.9'	REMOVE	12-31-21
096	TREES	897.0'	839.0'	58.0'	REMOVE	12-31-21
098	TREES	890.5'	892.4'	-1.9'	MONITOR	12-31-21
099	TREES	892.3'	876.3'	16.0'	REMOVE	12-31-21
100	TREES	896.5'	844.5'	52.0'	REMOVE	12-31-21
101	TREES	901.0'	859.2'	41.8'	REMOVE	12-31-21
103	TREES	892.0'	889.0'	3.0'	REMOVE	12-31-21
105	TREES	880.3'	849.1'	31.2'	REMOVE	12-31-21
106	TREES	882.9'	867.8'	15.1'	REMOVE	12-31-21
108	TREES	846.3'	849.3'	-3.0'	MONITOR	12-31-21
109	TREES	856.7'	860.2'	-3.5'	MONITOR	12-31-21
110	TREES	848.1'	854.8'	-6.7'	MONITOR	12-31-21
112	TREES	852.6'	837.5'	15.1'	REMOVE	12-31-21
115	TREES	851.6'	855.3'	-3.7'	MONITOR	12-31-21
119	TREES	854.1'	842.8'	11.3'	REMOVE	12-31-21
121	TREES	850.7'	853.1'	-2.4'	MONITOR	12-31-21
125	TREES	851.3'	856.8'	-5.5'	MONITOR	12-31-21
127	TREES	869.7'	879.4'	-9.7'	MONITOR	12-31-21
129	TREES	868.8'	861.6'	7.2'	REMOVE	12-31-21
132	TREES	865.3'	856.5'	8.8'	REMOVE	12-31-21
133	TREES	863.6'	864.7'	-1.1'	MONITOR	12-31-21

CFR PART 77 PRIMARY SURFACE: RUNWAY 13-31

ID	OBSTRUCTION TYPE	ELEVATION	SURFACE HEIGHT	PENETRATION	ACTION	COMPLETION DATE
021	GROUND	789.2'	788.6'	0.6'	LIGHT	12-31-21
026	GROUND	790.1'	789.9'	0.2'	LIGHT	12-31-21
028	GROUND	791.5'	790.8'	0.7'	LIGHT	12-31-21
040	GROUND	794.9'	794.5'	0.4'	LIGHT	12-31-21
048	GROUND	805.7'	805.5'	0.2'	LIGHT	12-31-21
052	GROUND	809.4'	809.0'	0.4'	LIGHT	12-31-21
057	GROUND	813.1'	812.5'	0.6'	LIGHT	12-31-21
062	GROUND	813.8'	813.6'	0.2'	LIGHT	12-31-21
076	GROUND	812.0'	811.9'	0.1'	LIGHT	12-31-21
082	FENCE	821.3'	811.9'	9.4'	LIGHT	12-31-21
084	TREES	823.0'	811.8'	11.2'	REMOVE	12-31-21

CFR PART 77 APPROACH SURFACE: RUNWAY 31

ID	OBSTRUCTION TYPE	ELEVATION	SURFACE HEIGHT	PENETRATION	ACTION	COMPLETION DATE
088	FENCE	820.7'	813.4'	7.3'	LIGHT	12-31-21
092	FENCE	817.1'	816.2'	0.9'	LIGHT	12-31-21
102	TREES	819.8'	824.4'	-4.6'	MONITOR	12-31-21
107	TREES	831.9'	828.9'	3.0'	REMOVE	12-31-21
111	TREES	831.9'	832.5'	-0.6'	MONITOR	12-31-21
113	TREES	830.3'	834.3'	-4.0'	MONITOR	12-31-21
114	TREES	846.3'	834.7'	11.6'	REMOVE	12-31-21
116	TREES	858.7'	837.6'	21.1'	REMOVE	12-31-21
117	TREES	835.4'	838.3'	-2.9'	MONITOR	12-31-21
118	TREES	831.7'	838.4'	-6.7'	MONITOR	12-31-21
120	TREES	859.6'	839.7'	19.9'	REMOVE	12-31-21
122	TREES	856.1'	843.1'	13.0'	REMOVE	12-31-21
123	TREES	859.4'	844.4'	15.0'	REMOVE	12-31-21
124	TREES	866.5'	845.2'	21.3'	REMOVE	12-31-21
126	TREES	851.1'	847.1'	4.0'	REMOVE	12-31-21
128	TREES	859.2'	847.9'	11.3'	REMOVE	12-31-21
130	TREES	852.9'	850.6'	2.3'	REMOVE	12-31-21
131	TREES	843.4'	852.0'	-8.6'	MONITOR	12-31-21

AIRPORT DESIGN APPROACH SURFACE #4: RUNWAY 31

ID	OBSTRUCTION TYPE	ELEVATION	SURFACE HEIGHT	PENETRATION	ACTION	COMPLETION DATE
107	TREES	831.9'	840.8'	-8.9'	MONITOR	12-31-21
114	TREES	846.3'	850.6'	-4.3'	MONITOR	12-31-21
116	TREES	858.7'	855.6'	3.1'	REMOVE	12-31-21
120	TREES	859.6'	859.2'	0.4'	REMOVE	12-31-21
122	TREES	856.1'	864.9'	-8.8'	MONITOR	12-31-21
124	TREES	866.5'	868.6'	-2.1'	MONITOR	12-31-21

AIRPORT DESIGN APPROACH SURFACE #6: RUNWAY 31

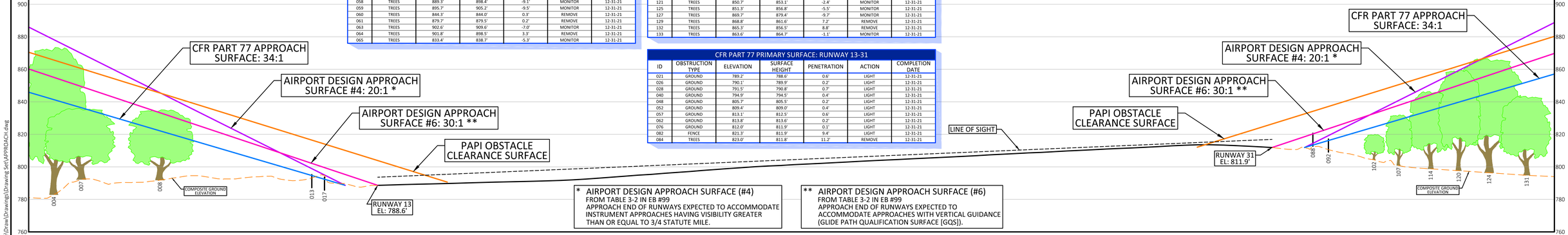
ID	OBSTRUCTION TYPE	ELEVATION	SURFACE HEIGHT	PENETRATION	ACTION	COMPLETION DATE
107	TREES	831.9'	837.8'	-5.9'	MONITOR	12-31-21
116	TREES	858.7'	847.7'	11.0'	REMOVE	12-31-21
122	TREES	856.1'	853.9'	2.2'	REMOVE	12-31-21
126	TREES	851.1'	858.5'	-7.4'	MONITOR	12-31-21

PAPI OBSTACLE CLEARANCE SURFACE: RUNWAY 31

ID	OBSTRUCTION TYPE	ELEVATION	SURFACE HEIGHT	PENETRATION	ACTION	COMPLETION DATE
116	TREES	858.7'	859.7'	-1.0'	MONITOR	12-31-21
120	TREES	859.6'	861.9'	-2.3'	MONITOR	12-31-21
122	TREES	856.1'	865.5'	-9.4'	MONITOR	12-31-21
124	TREES	866.5'	867.7'	-1.2'	MONITOR	12-31-21

FACILITIES TABLE

EXISTING			PROPOSED			
ID	FACILITY NAME	TOP ELEV.	ID	FACILITY NAME	ID	FACILITY NAME
1	MAIN/FBO HANGAR	838.0'	G	HANGAR 200' X 100'	R	TERMINAL BUILDING
2	CANANDAIGUA AIRCRAFT, LLC HANGAR	828.1'	H	HANGAR 100' X 100'	S	4 - BOX HANGARS 60' X 60'
3	10-UNIT T-HANGAR	824.0'	J	HANGAR 100' X 100'	T	3 - BOX HANGARS 50' X 50'
4	12-UNIT T-HANGAR	820.9'	K	TAXIWAY IMPROVEMENTS WIDEN TO 35' INSTALL MITL	O	HANGAR 100' X 190'
5	10-UNIT T-HANGAR	818.6'	L	SRE BUILDING	P	HANGAR 60' X 125'
6	PAINT SHOP	831.3'	M	IMPROVE ACCESS ROAD	Q	RESTURANT
7	ELECTRIC VAULT	814.0'	N	HANGAR 125' X 200'	R	TERMINAL BUILDING
8	SECURITY BUILDING	820.4'	O	HANGAR 100' X 190'	S	4 - BOX HANGARS 60' X 60'
9	FUEL FARM	821.1'	P	HANGAR 60' X 125'	T	3 - BOX HANGARS 50' X 50'
			Q	RESTURANT		



* AIRPORT DESIGN APPROACH SURFACE (#4)
FROM TABLE 3-2 IN EB #99
APPROACH END OF RUNWAYS EXPECTED TO ACCOMMODATE INSTRUMENT APPROACHES HAVING VISIBILITY GREATER THAN OR EQUAL TO 3/4 STATUTE MILE.

** AIRPORT DESIGN APPROACH SURFACE (#6)
FROM TABLE 3-2 IN EB #99
APPROACH END OF RUNWAYS EXPECTED TO ACCOMMODATE APPROACHES WITH VERTICAL GUIDANCE (GLIDE PATH QUALIFICATION SURFACE [GQS]).

SCALE
1" = 300' HORIZONTAL
1" = 30' VERTICAL
0 300 600
FEET

LEGEND

DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL
EXISTING RUNWAY SAFETY AREA (RSA)		PROPOSED AIRPORT PAVEMENT		CFR PART 77 OBSTRUCTIONS	XX
PROPOSED RUNWAY SAFETY AREA (RSA)		PROPOSED GROUND VEHICLE PAVEMENT		CFR PART 77 VEGETATION OBSTRUCTIONS	
EXISTING RUNWAY OBJECT FREE AREA (ROFA)		PROPOSED AIRPORT BUILDINGS		CFR PART 77 TERRAIN OBSTRUCTIONS	
PROPOSED RUNWAY OBJECT FREE AREA (ROFA)		TO BE REMOVED		ADAS #4 OBSTRUCTIONS	XX
EXISTING RUNWAY PROTECTION ZONE (RPZ)		AIRPORT PROPERTY		GROUND ELEVATION CONTOURS (10')	
PROPOSED RUNWAY PROTECTION ZONE (RPZ)		EXISTING AVIGATION EASEMENT		PROPOSED AVIGATION EASEMENT	

NOTES:
- ALL POSITIONAL DATA REFERENCES NORTH AMERICAN DATUM OF 1983 (NAD83) AND NORTH AMERICAN VERTICAL DATUM 1988 (NGVD88).
- ALL ELEVATIONS SHOWN ARE AMSL.
- AERIAL MAPPING BY QUANTUM SPATIAL, 2016 AND COL-EAST, INC., 2013.
- ROAD ELEVATIONS AS INDICATED INCLUDE CONSIDERATION OF VEHICLES PER CFR PART 77. (15' FOR ROAD, 17' FOR INTERSTATE, 23' FOR RAILROAD)
- TREES WITHIN 10' OF SURFACE IDENTIFIED AS OBSTRUCTIONS.
- COMPOSITE GROUND ELEVATION PROFILE LIMITED TO APPROACH SURFACE.

REV	DATE	DESCRIPTION	BY	SPONSOR

McFarland Johnson
2525 STATE ROUTE 332
CANANDAIGUA, NEW YORK 14424 www.mjinc.com

CANANDAIGUA AIRPORT
ONTARIO COUNTY, NEW YORK

INNER APPROACH PLAN

SCALE: 1" = 300'	DESIGN: ZAS	SHEET: 5	
DRAWN: RGT	PROJECT: 17674.13		
CHECKED: NE	DATE: NOVEMBER 2018		

K:\CANANDAIGUA\T-17674.13 Master Plan Update\Draw\Drawings\Drawing Set\APPROACH.dwg

EXISTING RPZ CONTROL PLAN - RUNWAY 13

REFERENCE NUMBER	TAX PARCEL NUMBER	OWNER	LAND USE	ACREAGE	ACTION
13-1A	69.00-1-7.110	CATALPA ACRES, LLC	AGRICULTURE	11.8	NONE
13-1B				14.7	EASEMENT
13-1C				16.4	NONE

PROPOSED RPZ CONTROL PLAN - RUNWAY 13

REFERENCE NUMBER	TAX PARCEL NUMBER	OWNER	LAND USE	ACREAGE	ACTION
13-1A	69.00-1-7.110	CATALPA ACRES, LLC	AGRICULTURE	10.8	NONE

EXISTING RPZ CONTROL PLAN - RUNWAY 31

REFERENCE NUMBER	TAX PARCEL NUMBER	OWNER	LAND USE	ACREAGE	ACTION
31-1A	70.00-1-47.100	CONNELLY, GEORGE T & JOYCE B	VACANT	1.8	EASEMENT
31-1B				1.0	NONE
31-2A	70.00-1-46.000	BUCKNER, CASEY	RESIDENTIAL	0.0	EASEMENT
31-2B				0.9	NONE
31-3	70.00-1-45.000	BLOOM, MICHAEL E & TARA L	RESIDENTIAL	0.5	NONE
31-4	70.00-1-44.000	MOTTLER, KEVIN	VACANT	1.3	NONE
31-5A	70.00-1-52.110	J & T PROPERTIES OF CDGA LLC	VACANT	0.7	EASEMENT
31-5B				0.5	NONE
31-6A	70.00-1-69.110	GERMAN BROTHERS IND. PARK LLC	VACANT	13.3	EASEMENT
31-6B				0.3	NONE
31-7A	70.00-1-75.110	SYNERGY FIELD LLC	VACANT	5.3	NONE
31-7B				0.1	EASEMENT
31-7C				1.3	NONE
31-8A	70.00-1-75.120	TOWN OF CANANDAIGUA	VACANT	0.2	EASEMENT
31-8B				3.4	NONE

PROPOSED RPZ CONTROL PLAN - RUNWAY 31

RUNWAY PROTECTION ZONE REMAINS ON AIRPORT PROPERTY

LEGEND

DESCRIPTION	EXISTING	PROPOSED
RUNWAY PROTECTION ZONE (RPZ)		
AIRPORT PAVEMENT	N/A	
GROUND VEHICLE PAVEMENT	N/A	
AIRPORT BUILDINGS	N/A	
TO BE REMOVED	N/A	
DEVELOPMENT AREA	N/A	
AIRPORT PROPERTY		SAME
AVIGATION EASEMENT		
NON-AERONAUTICAL USE	N/A	
PARCEL BOUNDARIES		SAME
NOISE CONTOURS	NOT SHOWN	
LAND USE - AGRICULTURE		SAME
LAND USE - RESIDENTIAL		SAME
LAND USE - VACANT		SAME
LAND USE - COMMERCIAL		SAME
LAND USE - RECREATION & ENTERTAINMENT		SAME
LAND USE - INDUSTRIAL		SAME
LAND USE - PUBLIC SERVICES		SAME
LAND USE - CONSERVATION LAND & PUBLIC PARKS		SAME
ZONING BOUNDARY		SAME

SCALE

0 400 800 1200 1600

FEET

NOTES:

- ALL POSITIONAL DATA REFERENCES NORTH AMERICAN DATUM OF 1983 (NAD83) AND NORTH AMERICAN VERTICAL DATUM 1988 (NGVD88).
- ALL ELEVATIONS SHOWN ARE AMSL.
- AERIAL MAPPING BY QUANTUM SPATIAL, 2016 AND COL-EAST, INC., 2013.
- PARCEL, ZONING, AND LAND USE DATA PROVIDED BY ONTARIO COUNTY.

REV	DATE	DESCRIPTION	BY	SPONSOR

McFarland Johnson
2525 STATE ROUTE 332
CANANDAIGUA, NEW YORK 14424 www.mjinc.com

CANANDAIGUA AIRPORT
ONTARIO COUNTY, NEW YORK

LAND USE PLAN

SCALE: 1" = 400'	DESIGN: ZAS	SHEET: 6	
DRAWN: RGT	PROJECT: 17674.13		
CHECKED: NE	DATE: NOVEMBER 2018		

K:\CANANDAIGUA\T-17674.13 Master Plan Update\Draw\Drawings\Drawing Set\LAND USE.dwg

EXISTING AIRPORT PROPERTY - FEE SIMPLE

REFERENCE NUMBER	TAX PARCEL NUMBER	GRANTOR	GRANTEE	ACREAGE	FEDERAL GRANT	RECORD DOCUMENT	ACQUISITION DATE	PURPOSE	NOTES
1	70.00-1-49.210	PAUL J. YARNALL AND SUSANNE L. YARNALL	ONTARIO COUNTY IDA	199.66	3-36-0093-03-92	976 / 488	07-01-1993	ACQUISITION OF AIRPORT	
2	70.00-1-47.000	GEORGE T. CONNELLY AND JOYCE P. CONNELLY		0.44	3-36-0093-15-04	1143 / 317	06-28-2005	ACQUISITION WITHIN RPZ	
3	70.00-1-52.100	JOHN G. FULLER		4.14	3-36-0093-15-04	1143 / 322	06-28-2005		
4	70.00-1-49.111	JAY MILLS AND THOMAS LINK		2.20	3-36-0093-15-04	1149 / 542	09-30-2005		
5	70.00-1-49.114	GERMAN BROTHERS INDUSTRIAL PARK LLC		3.99	3-36-0093-15-04	1156 / 698	01-27-2006		
6	70.00-1-48.000	JOAN FULTON		0.54	3-36-0093-20-06	1179 / 100	02-02-2007	PART 77 SURFACE CONTROL	
7	69.00-1-13.100	CHRISTOPHER R PRITCHARD		75.37	3-36-0093-26-10	1257 / 167	02-08-2011	LAND FOR RUNWAY EXTENSION	

EXISTING AIRPORT PROPERTY - EASEMENT

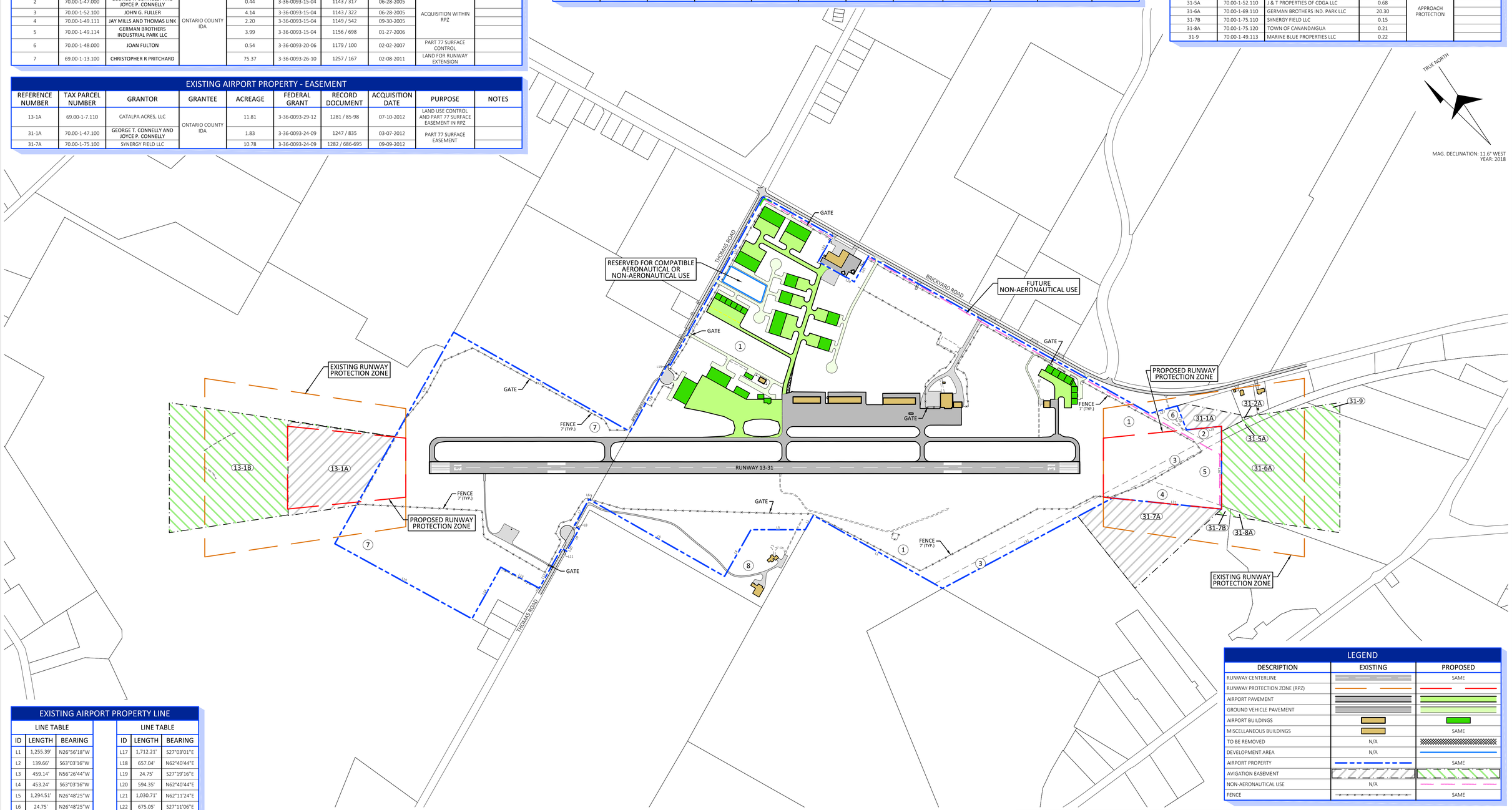
REFERENCE NUMBER	TAX PARCEL NUMBER	GRANTOR	GRANTEE	ACREAGE	FEDERAL GRANT	RECORD DOCUMENT	ACQUISITION DATE	PURPOSE	NOTES
13-1A	69.00-1-7.110	CATALPA ACRES, LLC	ONTARIO COUNTY IDA	11.81	3-36-0093-29-12	1281 / 85-98	07-10-2012	LAND USE CONTROL AND PART 77 SURFACE EASEMENT IN RPZ	
31-1A	70.00-1-47.100	GEORGE T. CONNELLY AND JOYCE P. CONNELLY		1.83	3-36-0093-24-09	1247 / 835	03-07-2012	PART 77 SURFACE EASEMENT	
31-7A	70.00-1-75.100	SYNERGY FIELD LLC		10.78	3-36-0093-24-09	1282 / 686-695	09-09-2012		

RELEASED LAND

REFERENCE NUMBER	TAX PARCEL NUMBER	GRANTOR	GRANTEE	ACREAGE	FEDERAL GRANT	DATE OF FAA APPROVAL	TYPE OF RELEASE	RECORD DOCUMENT	DATE OF CONVEYANCE	PURPOSE	NOTES
8	70.00-1-74.120	ONTARIO COUNTY IDA	PAUL J. YARNALL AND SUSANNE L. YARNALL	8.40			SALE/DISPOSAL OF AIRPORT PROPERTY	1330 / 730	10-03-2014	NON-AERONAUTICAL USE	

PROPOSED PROPERTY ACQUISITION - EASEMENT

REFERENCE NUMBER	TAX PARCEL NUMBER	GRANTOR	ACREAGE	PURPOSE	NOTES
13-1B	69.00-1-7.110	CATALPA ACRES, LLC	21.97	APPROACH PROTECTION	
31-2A	70.00-1-46.000	BUCKNER, CASEY	0.03		
31-5A	70.00-1-52.110	J & T PROPERTIES OF CDGA LLC	0.68		
31-6A	70.00-1-69.110	GERMAN BROTHERS IND. PARK LLC	20.30		
31-7B	70.00-1-75.110	SYNERGY FIELD LLC	0.15		
31-8A	70.00-1-75.120	TOWN OF CANANDAIGUA	0.21		
31-9	70.00-1-49.113	MARINE BLUE PROPERTIES LLC	0.22		



EXISTING AIRPORT PROPERTY LINE

LINE TABLE			LINE TABLE		
ID	LENGTH	BEARING	ID	LENGTH	BEARING
L1	1,255.39'	N26°56'18"W	L17	1,712.21'	S27°03'01"E
L2	139.66'	S63°03'16"W	L18	657.04'	N62°40'44"E
L3	459.14'	N56°26'44"W	L19	24.75'	S27°19'16"E
L4	453.24'	S63°03'16"W	L20	594.35'	N62°40'44"E
L5	1,294.51'	N26°48'25"W	L21	1,030.71'	N62°11'24"E
L6	24.75'	N26°48'25"W	L22	675.05'	S27°11'06"E
L7	259.00'	S62°40'44"W	L23	250.12'	S62°47'37"W
L8	49.50'	S26°48'25"E	L24	350.00'	S27°12'23"E
L9	149.59'	S62°40'44"W	L25	249.99'	N62°47'37"E
L10	67.35'	S62°47'35"W	L26	2,725.69'	S27°11'06"E
L11	49.50'	N27°12'25"W	L27	240.29'	S72°10'50"E
L12	385.94'	S62°47'35"W	L28	217.45'	S12°48'19"W
L13	370.95'	N27°44'51"W	L29	298.60'	S62°10'00"E
L14	500.00'	S62°41'19"W	L30	700.45'	S33°32'41"W
L15	1,322.35'	N27°44'51"W	L31	927.83'	N50°39'58"W
L16	2,052.31'	N62°52'07"E	L32	1,627.12'	N84°28'04"W

LEGEND

DESCRIPTION	EXISTING	PROPOSED
RUNWAY CENTERLINE		SAME
RUNWAY PROTECTION ZONE (RPZ)		
AIRPORT PAVEMENT		
GROUND VEHICLE PAVEMENT		
AIRPORT BUILDINGS		
MISCELLANEOUS BUILDINGS		SAME
TO BE REMOVED	N/A	
DEVELOPMENT AREA	N/A	
AIRPORT PROPERTY		SAME
AVIGATION EASEMENT		
NON-AERONAUTICAL USE	N/A	
FENCE		SAME

SCALE

0 400 800 1200 1600

FEET

NOTES:

- ALL POSITIONAL DATA REFERENCES NORTH AMERICAN DATUM OF 1983 (NAD83) AND NORTH AMERICAN VERTICAL DATUM 1988 (NGVD88).
- ALL ELEVATIONS SHOWN ARE AMSL.
- PARCEL DATA PROVIDED BY ONTARIO COUNTY.
- AERIAL MAPPING BY QUANTUM SPATIAL, 2016 AND COL-EAST, INC., 2013.
- AIRPORT PROPERTY BOUNDARY SURVEYED BY RAVI ENGINEERING & LAND SURVEYING, P.C., 2016.

REV	DATE	DESCRIPTION	BY	SPONSOR

McFarland Johnson
2525 STATE ROUTE 332
CANANDAIGUA, NEW YORK 14424 www.mjinc.com

CANANDAIGUA AIRPORT

ONTARIO COUNTY, NEW YORK

EXHIBIT "A" AIRPORT PROPERTY INVENTORY MAP

SCALE: 1" = 400'	DESIGN: ZAS	SHEET: 7	
DRAWN: RGT	PROJECT: 17674.13		
CHECKED: NE	DATE: NOVEMBER 2018		

K:\CANANDAIGUA\T-17674.13 Master Plan Update\Draw\Drawings\Drawing Set\PROPERTY.dwg