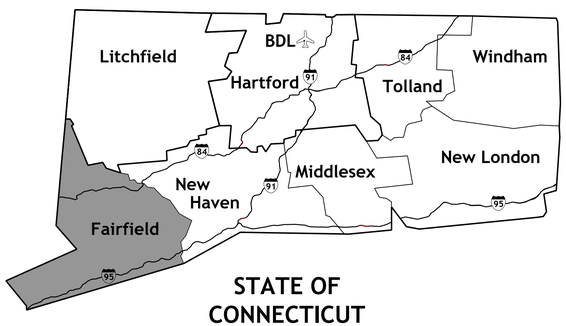
CITY OF BRIDGEPORT
SIKORSKY MEMORIAL AIRPORT
AIRPORT LAYOUT PLAN
JANUARY 2021

VICINITY MAP

LOCATION MAP



STATE OF CONNECTICUT

CITY OF BRIDGEPORT

APPROVED Michelle Muoio DATE January 28, 2021

Name Michelle Muoio
TITLE Airport Manager

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IGOR I SIKORSKY MEMORIAL AIRPORT
1000 Great Meadow Road
Stratford, CT 06615

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MASTER PLAN UPDATE

AIRPORT LAYOUT PLAN DRAWING SET

No.	Submittal / Revision	App'd	By	Date

TITLE SHEET

Designed By:	Drawn By:	Checked By:
AF/RTL	PDH	NSL
Issue Date:	Project No:	Scale:
JAN 2021	34877	AS SHOWN

Drawing No.:
1 Of 21

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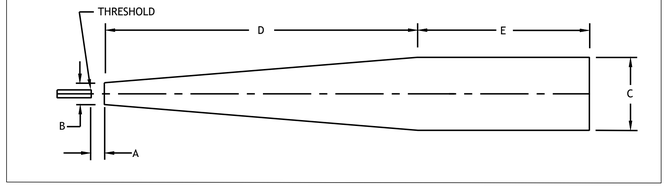
Saved: 1/27/2021 1:11:21 PM Plotted: 1/27/2021 1:22:57 PM Current User: Kuong, Calvin LastSavedBy: 5893

AIRPORT DATA

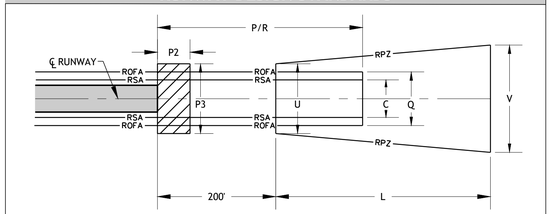
SIKORSKY MEMORIAL AIRPORT
1000 GREAT MEADOW ROAD
STRATFORD, CT 06497
Fairfield County

ITEM	EXISTING	FUTURE
AIRPORT OWNER	CITY OF BRIDGEPORT	
STATE SERVICE LEVEL	PRIMARY	
NPIAS SERVICE LEVEL	GENERAL AVIATION	
AIRPORT REFERENCE CODE	C-III	
MEAN MAXIMUM TEMPERATURE OF HOTTEST MONTH (NOAA)	82° F	
AIRPORT ELEVATION (MSL) NAVD 88 STANDARDS	8.5'	8.5'
MAGNETIC DECLINATION	13.27°W ± 0.36° changing by 0.06°E per year	
	NOAA National Centers for Environmental Information (WMM2015)	
AIRPORT REFERENCE POINT NAD 83 STANDARDS	LAT: 41°09' 48.50"N LONG: 73°07' 34.20"W	LAT: 41°09' 48.63"N LONG: 73°07' 35.21"W
AIRPORT NAVIGATIONAL AIDS	PAPI-4, ILS, DME, LOC, VOR, RNAV-(GPS)	
MISCELLANEOUS FACILITIES	LIGHTED WIND CONES, VOR, BEACON, SEGMENTED CIRCLE, CONTROL TOWER	

THRESHOLD SITING SURFACE DIAGRAM



RUNWAY DESIGN STANDARDS



NOT TO SCALE

RUNWAY DATA

DESCRIPTION		RUNWAY 6-24				RUNWAY 11-29			
		EXISTING		FUTURE		EXISTING		FUTURE	
		6	24	6	24	11	29	11	29
RUNWAY LENGTH		4,677 FT.		4,677 FT.		4,761 FT.		4,761 FT.	
RUNWAY WIDTH		100 FT.		100 FT.		150 FT.		150 FT.	
PAVEMENT TYPE // SURFACE TYPE		ASPHALT // GROOVED		ASPHALT // GROOVED		ASPHALT		ASPHALT // GROOVED	
PAVEMENT CONDITION		GOOD		EXCELLENT		FAIR		EXCELLENT	
PAVEMENT CONDITION NUMBER		95		100		35		100	
PAVEMENT STRENGTH (SINGLE)		57000		57000		30000		30000	
PAVEMENT STRENGTH (DUAL)		80000		80000		108000		150000	
PAVEMENT STRENGTH (DOUBLE TANDEM)		-		-		-		-	
PAVEMENT STRENGTH (DUAL DOUBLE TANDEM)		-		-		-		-	
EFFECTIVE RUNWAY GRADIENT		0.01%		0.01%		0.04%		0.03%	
MAXIMUM RUNWAY GRADIENT		0.01%		0.01%		0.30%		0.76%	
APPROACH TYPE		PRECISION	NON-PRECISION	PRECISION	NON-PRECISION	VISUAL	NON-PRECISION	NON-PRECISION	NON-PRECISION
APPROACH VISIBILITY MINIMUM		3/4 MILE	1 MILE	3/4 MILE	1 MILE	VISUAL	1 MILE	1 MILE	1 MILE
RUNWAY CATEGORY (14 CFR PART 77)		PRECISION	NON-PRECISION	PRECISION	NON-PRECISION	VISUAL	NON-PRECISION	NON-PRECISION	NON-PRECISION
APPROACH SLOPE (14 CFR PART 77)		50:1	34:1	50:1	34:1	20:1	34:1	34:1	34:1
DESIGN AIRCRAFT		GULFSTREAM 550		GULFSTREAM 550		GULFSTREAM 550		GULFSTREAM 550	
RUNWAY DESIGN CODE (RDC)		C-III-4000	C-III-5000	C-III-4000	C-III-5000	C-III-VIS	C-III-5000	C-III-5000	C-III-5000
APPROACH RUNWAY REFERENCE CODE (APRC)		D / IV / 4000	D / IV / 5000	D / IV / 4000	D / IV / 5000	D / IV / VIS	D / IV / 5000	D / IV / 5000	D / IV / 5000
DEPARTURE RUNWAY REFERENCE CODE (DPRC)		D / IV	D / IV	D / IV	D / IV	D / IV	D / IV	D / IV	D / IV
DEPARTURE RUNWAY SURFACE		YES	YES	YES	YES	YES	YES	YES	YES
THRESHOLD SITING SURFACE		SEE TSS TABLE	SEE TSS TABLE	SEE TSS TABLE	SEE TSS TABLE	SEE TSS TABLE	SEE TSS TABLE	SEE TSS TABLE	SEE TSS TABLE
TOUCHDOWN ZONE ELEVATION		6.9 FT.	6.8 FT.	6.9 FT.	6.8 FT.	8.5 FT.	6.9 FT.	8.5 FT.	9 FT.
HORIZONTAL / VERTICAL DATUM		NAD 83 / NAVD 88	NAD 83 / NAVD 88	NAD 83 / NAVD 88	NAD 83 / NAVD 88	NAD 83 / NAVD 88	NAD 83 / NAVD 88	NAD 83 / NAVD 88	NAD 83 / NAVD 88
AERONAUTICAL SURVEY		VGS	VGS	VGS	VGS	VGS	VGS	VGS	VGS
RUNWAY MARKINGS		PRECISION	PRECISION	PRECISION	PRECISION	VISUAL	PRECISION	NON-PRECISION	PRECISION
RUNWAY LIGHTING		HIRL	HIRL	HIRL	HIRL	HIRL	HIRL	HIRL	HIRL
APPROACH LIGHTING		NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE
INSTRUMENT & NAVIGATIONAL AIDS		ILS/DME,RNAV	RNAV, VOR	ILS/DME,RNAV	RNAV LPV	NA	RNAV	RNAV LPV	RNAV LPV
DISPLACED THRESHOLD COORDINATES & ELEVATIONS	LATITUDE	N/A	41°09' 55.79"N	41°09' 27.86"N	41°09' 55.79"N	N/A	41°09' 52.54"N	41°09' 58.38"N	41°09' 52.54"N
	LONGITUDE	N/A	73°07' 14.76"W	73°07' 51.71"W	73°07' 14.76"W	N/A	73°07' 08.93"W	73°08' 05.06"W	73°07' 08.93"W
	DISTANCE	N/A	320 FT.	360 FT.	320 FT.	N/A	364 FT	211 FT.	515 FT.
	ELEVATION	N/A	6.7 FT.	6.7 FT.	6.7 FT.	N/A	5.8 FT.	8.5 FT.	9 FT.
RUNWAY END COORDINATES & ELEVATIONS	LATITUDE	41°09' 25.35"N	41°09' 58.03"N	41°09' 25.35"N	41°09' 58.03"N	41°09' 58.46"N	41°09' 52.05"N	41°09' 58.66"N	41°09' 52.2494"N
	LONGITUDE	73°07' 55.04"W	73°07' 11.80"W	73°07' 55.04"W	73°07' 11.80"W	73°08' 05.86"W	73°07' 04.21"W	73°08' 07.79"W	73°07' 06.15"W
	ELEVATION	6.9 FT.	6.8 FT.	6.9 FT.	6.6 FT.	8.5 FT.	6.5 FT.	7.4 FT.	9 FT.
DECLARED DISTANCES	TORA	4,677 FT.	4,677 FT.	4,677 FT.	4,677 FT.	4,761 FT.	4,761 FT.	4,761'	4,761'
	TODA	4,677 FT.	4,677 FT.	4,677 FT.	4,677 FT.	4,761 FT.	4,761 FT.	4,761'	4,761'
	ASDA	4,677 FT.	4,677 FT.	4,677 FT.	4,677 FT.	4,761 FT.	4,761 FT.	4,761'	4,761'
	LDA	4,677 FT.	4357 FT.	4,317 FT.	4,357 FT.	4,761 FT.	4397 FT.	4,550'	4,550'
	CLEARWAY	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE
	STOPWAY	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE

MODIFICATIONS TO FAA DESIGN STANDARDS

APPROVAL DATE	AIRSPACE CASE NO.	MODIFIED STANDARD	DESCRIPTION
		TAXIWAY D (ADG III) STANDARD 400' OFFSET	REALIGNED TAXIWAY D TO 300' OFFSET FROM RWY 11-29
		TAXIWAY G (ADG III) STANDARD 400' OFFSET	KEEP TAXIWAY 3 AT 300' OFFSET FROM RWY 11-29

DEPARTURE SURFACES

DEPARTURE DIMENSIONS	RUNWAY 6-24				RUNWAY 11-29			
	EXISTING		FUTURE		EXISTING		FUTURE	
	6	24	6	24	11	29	11	29
LENGTH	10,200 FT.	10,200 FT.	10,200 FT.	10,200 FT.	N/A	10,200 FT.	10,200 FT.	10,200 FT.
INNER WIDTH	1,000 FT.	1,000 FT.	1,000 FT.	1,000 FT.	N/A	1,000 FT.	1,000 FT.	1,000 FT.
OUTER WIDTH	6,366 FT.	6,366 FT.	6,366 FT.	6,366 FT.	N/A	6,366 FT.	6,366 FT.	6,366 FT.

RUNWAY SAFETY AREA DATA

DESCRIPTION		RUNWAY 6-24				RUNWAY 11-29			
		EXISTING		FUTURE		EXISTING		FUTURE	
		6	24	6	24	11	29	11	29
RUNWAY SAFETY AREA (RSA)	(R) LENGTH BEYOND RUNWAY END	1,000 FT.	305 FT.	235 FT.	305 FT.	1,000 FT.	635 FT.	125 FT.	265 FT.
	(P) LENGTH PRIOR TO RUNWAY THRESHOLD	600 FT.	625 FT.	600 FT.	625 FT.	600 FT.	1,000 FT.	335 FT.	480 FT.
	(C) WIDTH	500 FT.	500 FT.	500 FT.	500 FT.	500 FT.	500 FT.	500 FT.	500 FT.
RUNWAY OBJECT FREE AREA (ROFA)	(R) LENGTH BEYOND RUNWAY END	1,000 FT.	305 FT.	235 FT.	305 FT.	1,000 FT.	1,000 FT.	125 FT.	265 FT.
	(P) LENGTH PRIOR TO RUNWAY THRESHOLD	600 FT.	625 FT.	600 FT.	625 FT.	600 FT.	600 FT.	335 FT.	480 FT.
	(Q) WIDTH	800 FT.	800 FT.	800 FT.	800 FT.	800 FT.	800 FT.	800 FT.	800 FT.
RUNWAY PROTECTION ZONE (RPZ)	(L) LENGTH	1,700 FT.	1,700 FT.	1,700 FT.	1,700 FT.	1,700 FT.	1,700 FT.	1,700 FT.	1,700 FT.
	(U) INNER WIDTH	1,000 FT.	500 FT.	1,000 FT.	500 FT.	500 FT.	500 FT.	500 FT.	500 FT.
	(V) OUTER WIDTH	1,510 FT.	1,010 FT.	1,010 FT.	1,010 FT.	1,010 FT.	1,010 FT.	1,010 FT.	1,010 FT.
RUNWAY OBSTACLE FREE ZONE (ROFZ)	LENGTH	5,077 FT	5,077 FT	5,077 FT	5,077 FT	5,161 FT.	5,161 FT.	5,161 FT.	5,161 FT.
	WIDTH	400 FT.	400 FT.	400 FT.	400 FT.	400 FT.	400 FT.	400 FT.	400 FT.
PRECISION OBSTACLE FREE ZONE (POFZ)	LENGTH	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	WIDTH	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

TAXIWAY DATA

TAXIWAY NAME		TAXIWAY LIGHTING		TAXIWAY DESIGN GROUP		TAXIWAY WIDTH		TAXIWAY SAFETY AREA		TAXIWAY OBJECT FREE AREA	
EXISTING	FUTURE	EXISTING	FUTURE	EXISTING	FUTURE	EXISTING	FUTURE	EXISTING	FUTURE	EXISTING	FUTURE
A	A	MIRL	MIRL	4	2	VARIES	35 FT.	171 FT.	118 FT.	259 FT.	186 FT.
B	B	MIRL	MIRL	2	2	35 FT.	35 FT.	79 FT.	118 FT.	131 FT.	186 FT.
C	C	MIRL	MIRL	2	2	35 FT.	35 FT.	79 FT.	118 FT.	131 FT.	186 FT.
D	D	MIRL	MIRL	2	2	35 FT.	35 FT.	79 FT.	118 FT.	131 FT.	186 FT.
E	N/A	MIRL	N/A	3	N/A	50 FT.	N/A	118 FT.	N/A	186 FT.	N/A
G	G	MIRL	MIRL	3	2	60 FT.	35 FT.	118 FT.	118 FT.	186 FT.	186 FT.
H	H	MIRL	MIRL	*	2	VARIES	35 FT.	*	118 FT.	*	186 FT.
J	J	MIRL	MIRL	3	2	60 FT.	35 FT.	118 FT.	118 FT.	186 FT.	186 FT.
K	K	MIRL	MIRL	3	2	60 FT.	35 FT.	118 FT.	118 FT.	186 FT.	186 FT.

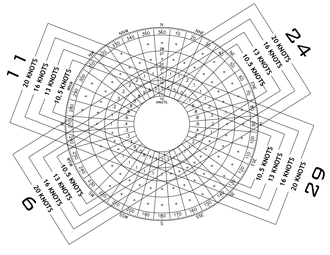
THE APPROVAL OF COMMERCIAL SERVICE WOULD REQUIRE AN INCREASE TO TDG 3

THRESHOLD SITING SURFACES (TSS)

		RUNWAY 6-24							RUNWAY 15-33						
		EXISTING			FUTURE				EXISTING		FUTURE				
		6	6*	24	6	6*	24	24*	11	29	11	11*	29	29*
APPROACH DIMENSIONS	A	200 FT.	N/A	200 FT.	200 FT.	N/A	200 FT.	N/A	N/A	200 FT.	200 FT.	N/A	200 FT.	N/A
	B	400 FT.	**	400 FT.	400 FT.	**	400 FT.	**	400 FT.	400 FT.	400 FT.	**	400 FT.	**
	C	3,400 FT.	1,520 FT.	3,400 FT.	3,400 FT.	1,520 FT.	3,400 FT.	1,520 FT.	1,000 FT.	3,400 FT.	3,400 FT.	1,520 FT.	3,400 FT.	1,520 FT.
	D	10,000 FT.	10,000 FT.	10,000 FT.	10,000 FT.	10,000 FT.	10,000 FT.	10,000 FT.	1,500 FT.	10,000 FT.	10,000 FT.	10,000 FT.	10,000 FT.	10,000 FT.
	E	N/A	N/A	N/A	N/A	N/A	N/A	N/A	8,500 FT.	N/A	N/A	N/A	N/A	N/A
TSS # // SLOPE		4//20:1	6//30:1	4//20:1	4//20:1	6//30:1	4//20:1	6//30:1	3//20:1	4//20:1	4//20:1	6//30:1	4//20:1	6//30:1

* NOTE: FOR INSTRUMENT APPROACHES WITH VERTICAL GUIDANCE, TSS SURFACE #6 IS REQUIRED IN ADDITION TO THE APPLICABLE APPROACH SURFACE ESTABLISHED WITHIN TABLE 3-2 OF ENGINEERING BRIEF 99

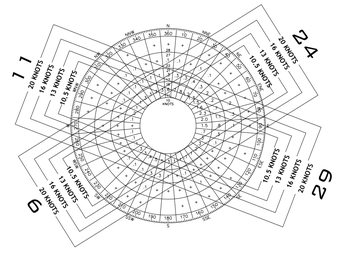
**RUNWAY WIDTH +200 FEET



ALL WEATHER WIND COVERAGE

RUNWAY	10.5 KNOTS	13 KNOTS	16 KNOTS	20 KNOTS
RUNWAY 6-24	90.4%	94.5%	98.1%	99.5%
RUNWAY 11-29	88.8%	94.0%	98.2%	99.5%
COMBINED	96.7%	98.8%	99.6%	99.9%

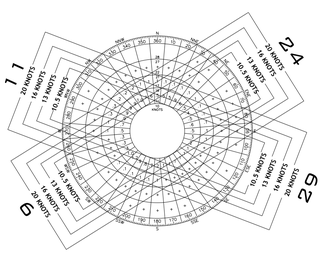
DATA SOURCE: NOAA National Climatic Center
Asheville, NC
Sikorsky Memorial Airport
Strattford, CT
Station 725040
125,393 Observations
2008-2017



IFR WIND COVERAGE

RUNWAY	10.5 KNOTS	13 KNOTS	16 KNOTS	20 KNOTS
RUNWAY 6-24	91.2%	95.2%	98.1%	99.3%
RUNWAY 11-29	87.4%	92.2%	96.4%	98.8%
COMBINED	96.6%	98.4%	99.3%	99.8%

DATA SOURCE: NOAA National Climatic Center
Asheville, NC
Sikorsky Memorial Airport
Strattford, CT
Station 725040
OBSERVATIONS: 125,393 Observations
2008-2017



VFR WIND COVERAGE

RUNWAY	10.5 KNOTS	13 KNOTS	16 KNOTS	20 KNOTS
RUNWAY 6-24	90.2%	94.3%	98.1%	99.5%
RUNWAY 11-29	89.2%	94.4%	98.6%	99.7%
COMBINED	96.8%	98.9%	99.7%	100.0%

DATA SOURCE: NOAA National Climatic Center
Asheville, NC
Sikorsky Memorial Airport
Strattford, CT
Station 725040
OBSERVATIONS: 125,393 Observations
2008-2017

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MASTER PLAN UPDATE

AIRPORT LAYOUT PLAN DRAWING SET

No.	Submittal / Revision	App'd.	By	Date

AIRPORT DATA SHEET SUMMARY

Designed By:	Drawn By:	Checked By:
AF/RTL	PDH	NSL
Issue Date:	Project No:	Scale:
JAN 2021	34877	AS SHOWN

Drawing No.:
2 Of 21

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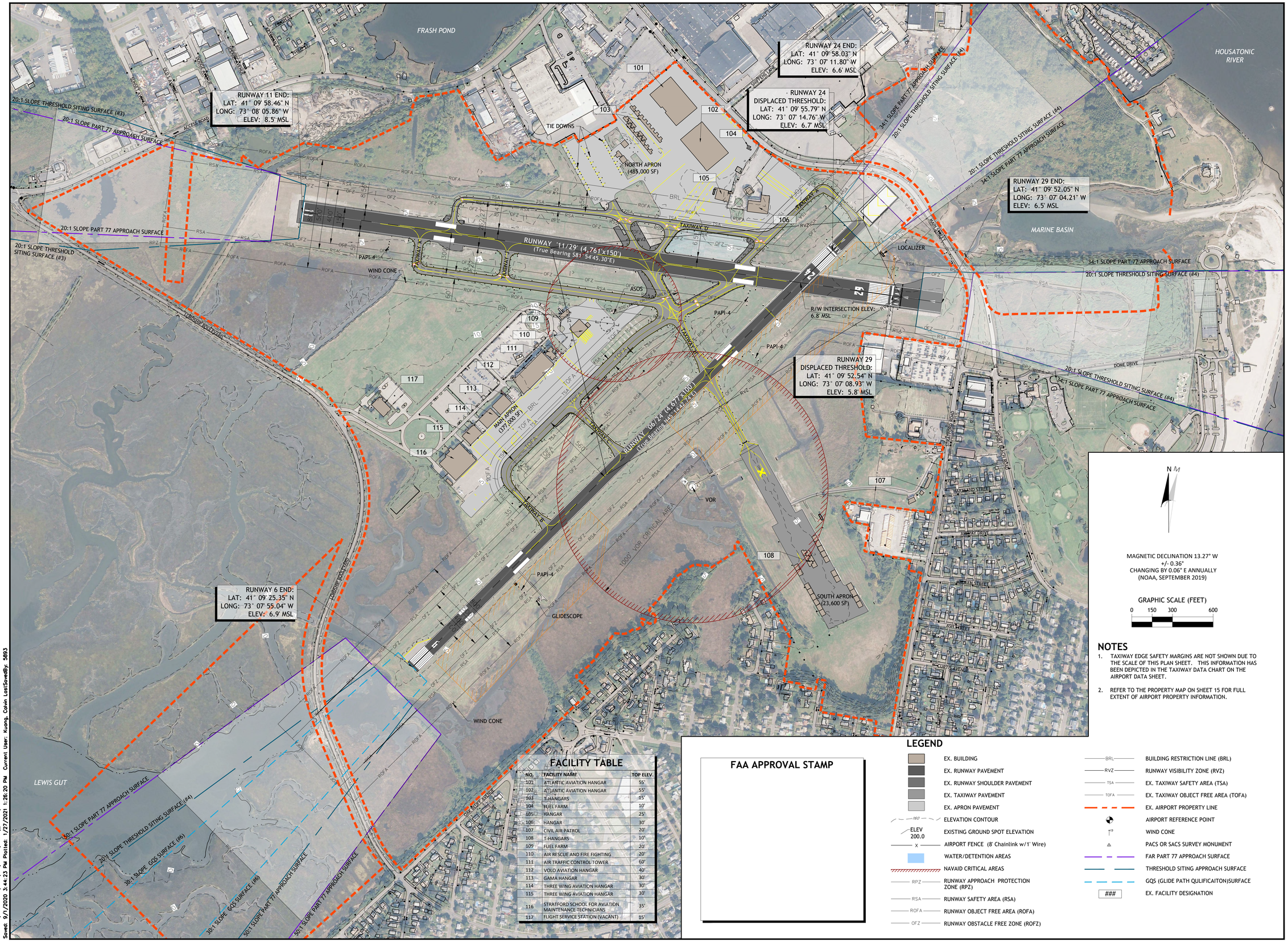

FACILITY TABLE

NO.	FACILITY NAME	TOP ELEV.
101	ATLANTIC AVIATION HANGAR	55'
102	ATLANTIC AVIATION HANGAR	55'
103	T-HANGARS	15'
104	FUEL FARM	10'
105	HANGAR	25'
106	HANGAR	30'
107	CIVIL AIR PATROL	20'
108	T-HANGARS	10'
109	FUEL FARM	20'
110	AIR RESCUE AND FIRE FIGHTING	20'
111	AIR TRAFFIC CONTROL TOWER	60'
112	VOLO AVIATION HANGAR	40'
113	GAMA HANGAR	30'
114	THREE WING AVIATION HANGAR	30'
115	THREE WING AVIATION HANGAR	30'
116	STRATFORD SCHOOL FOR AVIATION MAINTENANCE TECHNICIANS	35'
117	FLIGHT SERVICE STATION (VACANT)	15'

MAGNETIC DECLINATION 13.27° W
+/- 0.36'
CHANGING BY 0.06° E ANNUALLY
(NOAA, SEPTEMBER 2019)

GRAPHIC SCALE (FEET)
0 150 300 600

NOTES

1. TAXIWAY EDGE SAFETY MARGINS ARE NOT SHOWN DUE TO THE SCALE OF THIS PLAN SHEET. THIS INFORMATION HAS BEEN DEPICTED IN THE TAXIWAY DATA CHART ON THE AIRPORT DATA SHEET.
2. REFER TO THE PROPERTY MAP ON SHEET 15 FOR FULL EXTENT OF AIRPORT PROPERTY INFORMATION.

FAA APPROVAL STAMP

LEGEND

- EX. BUILDING
- EX. RUNWAY PAVEMENT
- EX. RUNWAY SHOULDER PAVEMENT
- EX. TAXIWAY PAVEMENT
- EX. APRON PAVEMENT
- 160 — ELEVATION CONTOUR
- ELEV 200.0 — EXISTING GROUND SPOT ELEVATION
- X — AIRPORT FENCE (8' Chainlink w/1' Wire)
- WATER/DETENTION AREAS
- NAVAID CRITICAL AREAS
- RPZ — RUNWAY APPROACH PROTECTION ZONE (RPZ)
- RSA — RUNWAY SAFETY AREA (RSA)
- ROFA — RUNWAY OBJECT FREE AREA (ROFA)
- OFZ — RUNWAY OBSTACLE FREE ZONE (ROFZ)
- BRL — BUILDING RESTRICTION LINE (BRL)
- RVZ — RUNWAY VISIBILITY ZONE (RVZ)
- TSA — EX. TAXIWAY SAFETY AREA (TSA)
- TOFA — EX. TAXIWAY OBJECT FREE AREA (TOFA)
- EX. AIRPORT PROPERTY LINE
- AIRPORT REFERENCE POINT
- WIND CONE
- PACS OR SACS SURVEY MONUMENT
- FAR PART 77 APPROACH SURFACE
- THRESHOLD SITING APPROACH SURFACE
- GQS (GLIDE PATH QULIFICAITON)SURFACE
- ### — EX. FACILITY DESIGNATION

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IGOR I SIKORSKY MEMORIAL AIRPORT

1000 Great Meadow Road
Stratford, CT 06615

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING LICENSEE SHALL AFFIX TO THE DOCUMENT HIS/HER SEAL AND THE SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

MASTER PLAN UPDATE

AIRPORT LAYOUT PLAN DRAWING SET

No.	Submittal / Revision	App'd.	By	Date

EXISTING AIRPORT LAYOUT PLAN

Designed By:	Drawn By:	Checked By:
AF/RTL	PDH	NSL
Issue Date:	Project No:	Scale:
JAN 2021	34877	AS SHOWN

Drawing No.:
3 Of 21

File: V:\PROJECTS\MNY\K4\34877\CADD_ACAD\BDR-ALP-EXISTING.DWG
Saved: 9/1/2020 3:44:23 PM Plotted: 1/27/2021 1:26:20 PM Current User: Kuong, Colvin Last Saved By: 5893

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MASTER PLAN UPDATE

AIRPORT LAYOUT PLAN DRAWING SET

No.	Submittal / Revision	App'd	By	Date

FUTURE AIRPORT LAYOUT PLAN

Designed By:	Drawn By:	Checked By:
AF/RTL	PDH	NSL
Issue Date:	Project No:	Scale:
JAN 2021	34877	AS SHOWN

Drawing No.:
4 Of 21

FUTR. RUNWAY 11 DISPLACED THRESHOLD: LAT: 41° 09' 58.38" N LONG: 73° 08' 05.06" W ELEV: 8.5' MSL

RUNWAY HIGH POINT: 8.5' MSL

FUTR. RUNWAY 11 END: LAT: 41° 09' 58.66" N LONG: 73° 08' 07.79" W ELEV: 5.8' MSL

RUNWAY 24 END: LAT: 41° 09' 58.03" N LONG: 73° 07' 11.80" W ELEV: 6.6' MSL

RUNWAY 24 DISPLACED THRESHOLD: LAT: 41° 09' 55.79" N LONG: 73° 07' 14.76" W ELEV: 6.7' MSL

FUTR. RUNWAY 29 END: LAT: 41° 09' 52.25" N LONG: 73° 07' 06.15" W ELEV: 9' MSL

RUNWAY 29 DISPLACED THRESHOLD: LAT: 41° 09' 52.54" N LONG: 73° 07' 08.93" W ELEV: 9' MSL

FUTR. RUNWAY 6 DISPLACE THRESHOLD: LAT: 41° 09' 27.86" N LONG: 73° 07' 51.71" W ELEV: 6.9' MSL

RUNWAY 6 END: LAT: 41° 09' 25.35" N LONG: 73° 07' 55.04" W ELEV: 6.9' MSL

AIRPORT REFERENCE POINT (ARP): LAT: 41° 09' 48.63"N LONG: 73° 07' 35.21"W

RUNWAY 11-29 (4,761'x150') (True Bearing S82° 54'45.30"E)

RUNWAY 06-24 (4,677'x100') (True Bearing N65° 44'47.43"E)

FRASH POND

HOUSATONIC RIVER

MARINE BASIN

LEWIS GUT

FENCE LOCATION TBD

AVIGATION EASEMENTS FOR RPZ

20:1 SLOPE PART 77 APPROACH SURFACE

20:1 SLOPE THRESHOLD SITING SURFACE

30:1 SLOPE THRESHOLD SITING SURFACE (#4)

30:1 SLOPE THRESHOLD SITING SURFACE (#6)

FUTR. ADD 150' PAVEMENT

FUTR. EMAS

RUNWAY 11-29 PROTECTION ZONES (500' x 1,010' x 1,700')

FUTR. POTENTIAL EMAS EXPANSION

20:1 SLOPE THRESHOLDSITING SURFACE (#4)

PAPI-4

R/W 11 TDZE: 8.5' MSL

PACS MONUMENT "BDR A"

RWY 29 DEPARTURE RPZ

RWY 11 APPROACH RPZ

LOOMIS BOULEVARD

FUTR. MAIN APRON EXPANSION (72,000 SF)

RESERVED FOR FUTURE COMMERCIAL/GA FACILITY DEVELOPMENT (15.4 AC)

POTENTIAL SECURITY FENCE

REALIGN GREAT MEADOWS RD

FORMER TAXIWAY CONVERT TO TAXILANE

POTENTIAL PROPERTY ACQUISITION (3 AC)

FUTR. GA REDEVELOPMENT AREA (430,000 SF)

FUTR. APRON EXPANSION

50' TAXIWAY DEPICTED FOR PROPOSED COMMERCIAL SERVICE USAGE

NORTH APRON

RESERVED FOR FUTURE GA DEVELOPMENT (1.5 AC)

FUTR. RELOCATED TAXIWAY 'D'

TAXIWAY 'D'

TAXIWAY 'A'

TAXIWAY 'J'

TAXIWAY 'K'

FUTR. RELOCATED PARITAL PARALLEL TAXIWAY 'G'

FUTR. PARTIAL PARALLEL TAXIWAY 'F'

TAXIWAY 'C'

TAXIWAY 'B'

FUTR. PAINTED ISLAND

FUTRE ASOS LOCATION TBD

FUEL FARM TO BE RELOCATED

SEGMENTED CIRCLE TO BE RELOCATED

MAIN APRON (8.7 AC)

LOCALIZER CRITICAL AREA

1000' VOR CRITICAL AREA

VOR TO BE DECOMMISSIONED

FUTR. SOUTH APRON TAXIWAY CONNECTOR

RESERVED FOR FUTURE CIVIL AIR PATROL DEVELOPMENT (2.2 AC)

FUTR. GA DEVELOPMENT AREA

SOUTH APRON (0.5 AC)

FUTURE SOUTH APRON ACCESS AND PARKING

FUTR. PAINTED ISLAND

FUTR. RETAINING WALL

FUTR. WETLAND FILL (~0.2 AC)

FUTR. EMAS

POTENTIAL SECURITY FENCE

GLIDESCOPE

GLIDESCOPE CRITICAL AREA

SACS MONUMENT "BDR B"

RWY 6 APPROACH RPZ (1,000' x 1,510' x 1,700')

RWY 24 DEPARTURE RPZ (500' x 1,010' x 1,700')

RWY 6-24 HIGH POINT & RWY 6 TDZE: 6.9 MSL

RWY 6-24 LOW POINT: 6.6' MSL

RWY 11-29 LOW POINT: 4.9' MSL

R/W INTERSECTION & RWY 29 TDZE: 6.8 MSL

RWY 6-24 PROTECTION ZONES (500' x 1,010' x 1,700')

RWY 11-29 PROTECTION ZONES (500' x 1,010' x 1,700')

RWY 6 DEPARTURE RPZ

RWY 24 APPROACH RPZ

RWY 11-29 HIGH POINT & RWY 29 TDZE: 9' MSL

RWY 11 DEPARTURE RPZ

RWY 29 APPROACH RPZ

SACS MONUMENT "BDR AP STA A"

LOCALIZER

AVIGATION EASEMENTS FOR RPZ (26.3 AC)

30:1 SLOPE THRESHOLD SITING SURFACE (#6)

34:1 SLOPE PART 77 APPROACH SURFACE

20:1 SLOPE THRESHOLD SITING SURFACE (#4)

MAIN STREET

DOME DRIVE

STRATFORD ROAD

RAILROAD STREET

SHORT BEACH ROAD

AIRWAY DRIVE

LINDEN STREET

ASH STREET

CURTIS AVENUE

BROAD STREET

OAK MUFF AVENUE

MAGNETIC DECLINATION 13.27° W
+/- 0.36°
CHANGING BY 0.06° E ANNUALLY
(NOAA, SEPTEMBER 2019)

GRAPHIC SCALE (FEET)
0 150 300 600

NOTES

1. TAXIWAY EDGE SAFETY MARGINS ARE NOT SHOWN DUE TO THE SCALE OF THIS PLAN SHEET. THIS INFORMATION HAS BEEN DEPICTED IN THE TAXIWAY DATA CHART ON THE AIRPORT DATA SHEET.
2. REFER TO THE PROPERTY MAP ON SHEET 15 FOR FULL EXTENT OF AIRPORT PROPERTY INFORMATION.

FACILITY TABLE

NO.	FACILITY NAME	TOP ELEV.
101	ATLANTIC AVIATION HANGAR	55
102	ATLANTIC AVIATION HANGAR	55
103	T-HANGARS	15
104	FUEL FARM	10
105	HANGAR	25
106	HANGAR	30
107	CIVIL AIR PATROL	20
108	T-HANGARS	10
109	FUEL FARM	20
110	AIR RESCUE AND FIRE FIGHTING	20
111	AIR TRAFFIC CONTROL TOWER	60
112	VOLO AVIATION HANGAR	40
113	GAMA HANGAR	30
114	THREE WING AVIATION HANGAR	30
115	THREE WING AVIATION HANGAR	30
116	STRATFORD SCHOOL FOR AVIATION MAINTENANCE TECHNICIANS	35
117	FLIGHT SERVICE STATION (VACANT)	15

FAA APPROVAL

LISA J LESPERANCE
Digitally signed by LISA J LESPERANCE
Date: 2021.02.19 10:57:59 -05'00'
TITLE

AIRPORT APPROVAL

Michelle Muoio
Digitally signed by Michelle Muoio
Date: 2021.01.28 11:53:24 -05'00'
TITLE

CAA APPROVAL

DocuSigned by:
Kevin Dillon
C1A948AA0DF34F0...
TITLE Executive Director

LEGEND

- EX. BUILDING
- EX. RUNWAY PAVEMENT
- EX. RUNWAY SHOULDER PAVEMENT
- EX. TAXIWAY PAVEMENT
- EX. APRON PAVEMENT
- 160 — ELEVATION CONTOUR
- ELEV 200.0 — EXISTING GROUND SPOT ELEVATION
- x — AIRPORT FENCE (8' Chainlink w/1 Wire)
- WATER/DETENTION AREAS
- NAVAID CRITICAL AREAS
- RPZ — RUNWAY APPROACH PROTECTION ZONE (RPZ)
- RSA — RUNWAY SAFETY AREA (RSA)
- ROFA — RUNWAY OBJECT FREE AREA (ROFA)
- OFZ — RUNWAY OBSTACLE FREE ZONE (ROFZ)
- FUTR. DEVELOPMENT AREAS
- FUTR. AIRFIELD PAVEMENT
- x — FUTR. AIRPORT FENCE
- BRL — BUILDING RESTRICTION LINE (BRL)
- RVZ — RUNWAY VISIBILITY ZONE (RVZ)
- TSA — EX. TAXIWAY SAFETY AREA (TSA)
- TOFA — EX. TAXIWAY OBJECT FREE AREA (TOFA)
- EX. AIRPORT PROPERTY LINE
- AIRPORT REFERENCE POINT
- WIND CONE
- PACS OR SACS SURVEY MONUMENT
- FAR PART 77 APPROACH SURFACE
- THRESHOLD SITING APPROACH SURFACE
- GQS (GLIDE PATH QUALIFICAITON)SURFACE
- ### — EX. FACILITY DESIGNATION

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FUTURE FACILITY TABLE

NO.	FACILITY NAME	TOP ELEV.
A	FUTR. PASSENGER TERMINAL BUILDING	TBD

EXISTING FACILITY TABLE

NO.	FACILITY NAME	TOP ELEV.
111	AIR TRAFFIC CONTROL TOWER	60'
112	VOLO AVIATION HANGAR	40'
113	GAMA HANGAR	30'
114	THREE WING AVIATION HANGAR	30'
115	FLIGHT SERVICE STATION (VACANT)	15'

N M

MAGNETIC DECLINATION 13.27° W
+/- 0.36'
CHANGING BY 0.06° E ANNUALLY
(NOAA, SEPTEMBER 2019)

GRAPHIC SCALE (FEET)
0 25 50 100

LEGEND

- EX. BUILDING
- EX. RUNWAY PAVEMENT
- EX. RUNWAY SHOULDER PAVEMENT
- EX. TAXIWAY PAVEMENT
- EX. APRON PAVEMENT
- FUTR. AIRSIDE PAVEMENT
- FUTR. PAVEMENT STRIPING
- FUTR. BUILDING
- FUTR. LANDSIDE PAVEMENT
- FUTR. PAVEMENT REMOVAL
- FUTR. BUILDING REMOVAL
- X — AIRPORT FENCE
- BRL — BUILDING RESTRICTION LINE (BRL)
- TSA — FUTR. TAXIWAY SAFETY AREA (TSA)
- TOFA — FUTR. TAXIWAY OBJECT FREE AREA (TOFA)
- RSA — FUTR. RUNWAY SAFETY AREA (RSA)
- ROFA — FUTR. RUNWAY OBJECT FREE AREA (ROFA)
- EX. AIRPORT PROPERTY LINE
- WIND CONE
- PACS OR SACS SURVEY MONUMENT
- 111 — EX. FACILITY DESIGNATION
- (A) — FUTR. FACILITY DESIGNATION

FUTR. RELOCATED PARTIAL PARALLEL TAXIWAY 'G'

TAXIWAY 'K'

TAXIWAY 'J'

11-29

GATE 1

GATE 2

GATE 3

FUTR 20,000 SF
PASSENGER TERMINAL BUILDING
A

FUTR 112,000 SF
SURFACE PARKING LOT

TERMINAL ROADWAY

FUTR 72,000 SF
MAIN APRON EXPANSION

FUTR. REALIGNED
SECURITY FENCE

FUTR. REALIGNED
GREAT MEADOW RD.

Great Meadow Rd.

EXISTING BUILDING
TO BE REMOVED

EXISTING MAIN APRON
(377,000 SF)

FUTR. PAINTED ISLAND

111 112 113 114 117

525' TO RWY 11 CL

516' TO RWY 11 CL

275'

265'

30'

46.5'

46'

48'

11'

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MASTER PLAN UPDATE

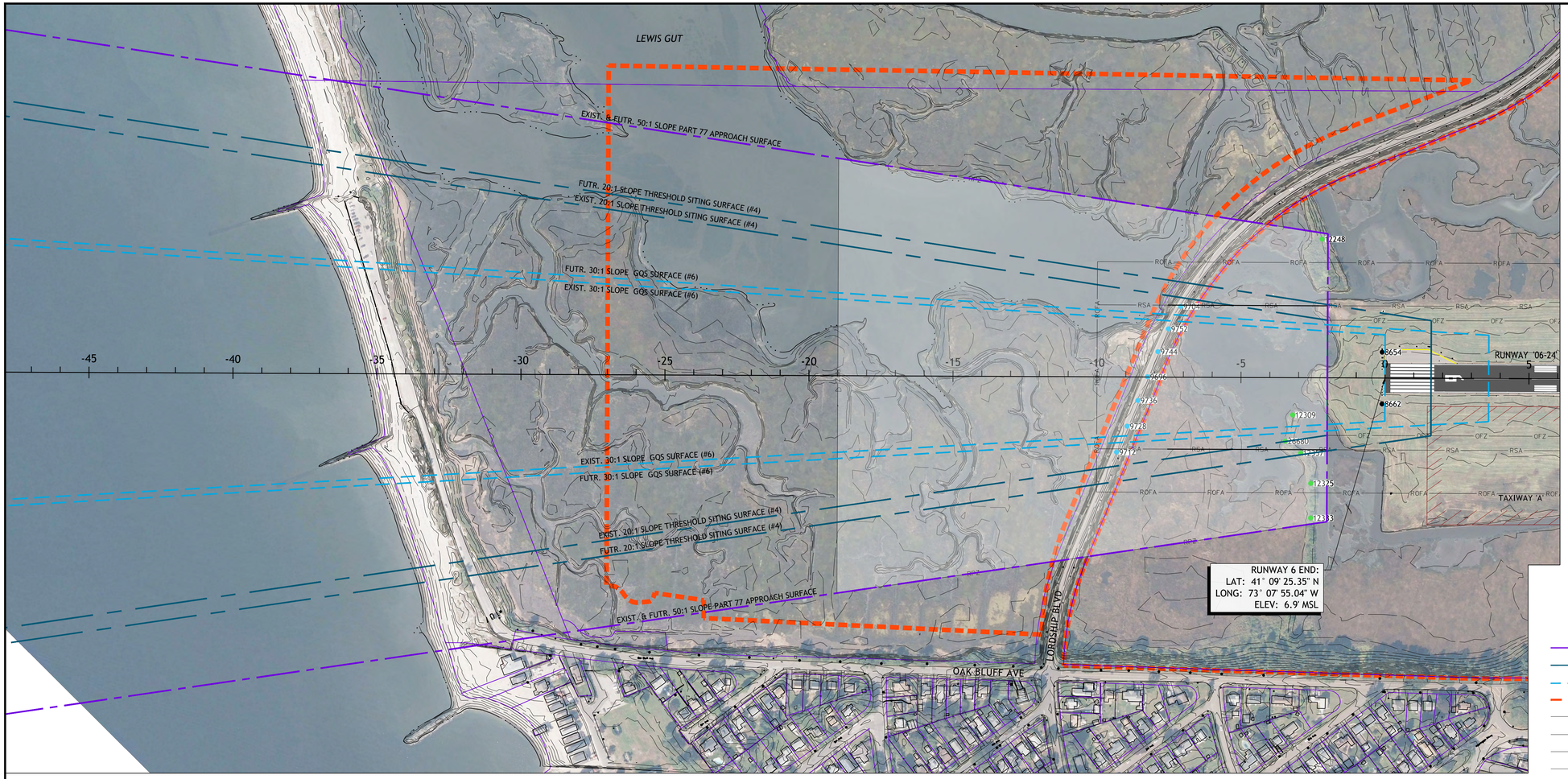
AIRPORT LAYOUT PLAN
DRAWING SET

No.	Submittal / Revision	App'd.	By	Date

TERMINAL AREA

Designed By:	Drawn By:	Checked By:
AF/RTL	PDH	NSL
Issue Date:	Project No:	Scale:
JAN 2021	34877	AS SHOWN

Drawing No.:
5 Of 21



MAGNETIC DECLINATION 13.27° W
+/- 0.36°
CHANGING BY 0.06° E ANNUALLY
(NOAA, SEPTEMBER 2019)

GRAPHIC SCALE (FEET)

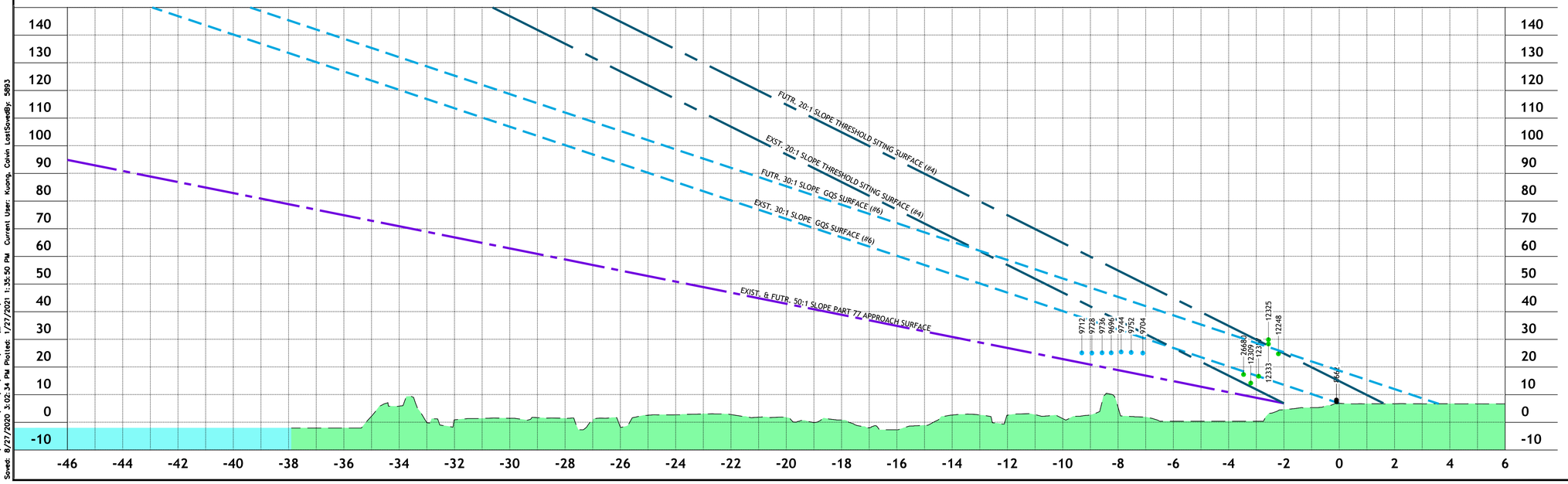
0 100 200 400

HORIZONTAL

0 20 VERTICAL

LEGEND

- ●–100 OBSTRUCTION
- ●–100 ROAD OBSTRUCTION
- ●–100 TREE OBSTRUCTION
- FAR PART 77 APPROACH SURFACE
- THRESHOLD SITING APPROACH SURFACE
- GQS (GLIDE PATH QUALIFICATION)SURFACE
- EX. AIRPORT PROPERTY LINE
- RPZ RUNWAY APPROACH PROTECTION ZONE (RPZ)
- RSA RUNWAY SAFETY AREA (RSA)
- ROFA RUNWAY OBJECT FREE AREA (ROFA)
- OFZ RUNWAY OBSTACLE FREE ZONE (ROFZ)
- RVZ RUNWAY VISIBILITY ZONE (RVZ)
- TSA EX. TAXIWAY SAFETY AREA (TSA)
- TOFA EX. TAXIWAY OBJECT FREE AREA (TOFA)



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MASTER PLAN UPDATE

AIRPORT LAYOUT PLAN
DRAWING SET

No.	Submittal / Revision	App'd	By	Date

EXISTING & FUTURE INNER APPROACH SURFACE DRAWING RUNWAY 6

Designed By:	Drawn By:	Checked By:
AF/RTL	PDH	NSL
Issue Date:	Project No:	Scale:
JAN 2021	34877	AS SHOWN

Drawing No.:

6 Of 21

EXISTING CONDITIONS

			50:1 PART 77 APPROACH		THRESHOLD SITING SURFACE 20:1 (#4)		THRESHOLD SITING SURFACE 30:1 (#6)					
PT#	OBJECT	OBJ. ELEV	PART 77 ELEV.	PENETRATION (FT.)	TSS #4 ELEV.	PENETRATION (FT.)	TSS #6 ELEV.	PENETRATION (FT.)	NORTHING	EASTING	TRIGGERING EVENT	DISPOSITION
8654	NAVAID	8.1	-	-	-	-	7.2	0.9	618235.12	894747.816	EXISTING COND.	TO REMAIN
8662	NAVAID	7.5	-	-	-	-	7.2	0.2	618107.518	894874.71	EXISTING COND.	TO REMAIN
9696	PRIMARY ROAD	25.1	-	-	-	-	34.4	-9.2	617598.432	894232.165	EXISTING COND.	TO REMAIN
9696	PRIMARY ROAD	25.1	19.4	5.8	-	-	-	-	617598.432	894232.165	EXISTING COND.	TO REMAIN
9704	PRIMARY ROAD	25.1	17.1	7.9	32.4	-7.3	-	-	617852.606	894140.929	EXISTING COND.	TO REMAIN
9712	PRIMARY ROAD	25.1	21.5	3.6	-	-	-	-	617337.539	894341.277	EXISTING COND.	TO REMAIN
9728	PRIMARY ROAD	25.1	20.8	4.3	-	-	-	-	617427.029	894303.462	EXISTING COND.	TO REMAIN
9736	PRIMARY ROAD	25.1	20.1	5.1	-	-	-	-	617516.579	894266.636	EXISTING COND.	TO REMAIN
9744	PRIMARY ROAD	25.4	18.7	6.8	-	-	33.2	-7.7	617685.691	894196.205	EXISTING COND.	TO REMAIN
9752	PRIMARY ROAD	25.3	18.0	7.3	34.5	-9.2	32.0	-6.7	617767.55	894166.061	EXISTING COND.	TO REMAIN
12248	TREE	24.8	7.3	17.5	-	-	-	-	618365.49	894323.281	EXISTING COND.	TO BE REMOVED
12309	BUSH	14.2	9.3	4.9	12.9	1.3	17.6	-3.4	617861.087	894682.372	EXISTING COND.	TO BE REMOVED
12325	TREE	29.9	8.0	21.9	-	-	-	-	617737.513	894894.789	EXISTING COND.	TO BE REMOVED
12333	TREE	28.4	8.0	20.3	-	-	-	-	617652.158	894979.603	EXISTING COND.	TO BE REMOVED
12357	TREE	16.7	8.7	7.9	-	-	-	-	617787.368	894795.504	EXISTING COND.	TO BE REMOVED
26680	BUSH	17.3	9.8	7.5	14.2	3.1	-	-	617778.027	894728.216	EXISTING COND.	TO BE REMOVED

FUTURE CONDITIONS

			50:1 PART 77 APPROACH		THRESHOLD SITING SURFACE 20 :1 (#4)		THRESHOLD SITING SURFACE 30:1 (#6)					
PT#	OBJECT	OBJ. ELEV	PART 77 ELEV.	PENETRATION (FT.)	TSS #4 ELEV.	PENETRATION (FT.)	TSS #6 ELEV.	PENETRATION (FT.)	NORTHING	EASTING	TRIGGERING EVENT	DISPOSITION
8654	NAVAID	8.113	-	-	15.4	-7.3	-	-	618235.12	894747.816	EXISTING COND.	TO REMAIN
8662	NAVAID	7.481	-	-	15.4	-7.9	-	-	618107.518	894874.71	EXISTING COND.	TO REMAIN
9696	PRIMARY ROAD	25.149	19.4	5.8	-	-	-	-	617598.432	894232.165	EXISTING COND.	TO REMAIN
9704	PRIMARY ROAD	25.063	17.1	7.9	-	-	-	-	617852.606	894140.929	EXISTING COND.	TO REMAIN
9712	PRIMARY ROAD	25.121	21.5	3.6	-	-	-	-	617337.539	894341.277	EXISTING COND.	TO REMAIN
9728	PRIMARY ROAD	25.063	20.8	4.3	-	-	-	-	617427.029	894303.462	EXISTING COND.	TO REMAIN
9736	PRIMARY ROAD	25.149	20.1	5.1	-	-	-	-	617516.579	894266.636	EXISTING COND.	TO REMAIN
9744	PRIMARY ROAD	25.437	18.7	6.8	-	-	-	-	617685.691	894196.205	EXISTING COND.	TO REMAIN
9752	PRIMARY ROAD	25.264	18.0	7.3	-	-	-	-	617767.55	894166.061	EXISTING COND.	TO REMAIN
12248	TREE	24.788	-	-	-	-	7.3	17.5	618365.49	894323.281	EXISTING COND.	TO BE REMOVED
12309	BUSH	14.21	9.3	4.9	-	-	-	-	617861.087	894682.372	EXISTING COND.	TO BE REMOVED
12325	TREE	29.907	8.0	21.9	-	-	-	-	617737.513	894894.789	EXISTING COND.	TO BE REMOVED
12333	TREE	28.355	8.0	20.3	-	-	-	-	617652.158	894979.603	EXISTING COND.	TO BE REMOVED
12357	TREE	16.682	8.7	7.9	-	-	-	-	617787.368	894795.504	EXISTING COND.	TO BE REMOVED
26680	BUSH	17.301	-	-	-	-	9.8	7.5	617778.027	894728.216	EXISTING COND.	TO BE REMOVED

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MASTER PLAN UPDATE

AIRPORT LAYOUT PLAN
DRAWING SET

No.	Submittal / Revision	App'd.	By	Date

RUNWAY 6
APPROACH
OBSTRUCTIONS

Designed By:	Drawn By:	Checked By:
AF/RTL	PDH	NSL
Issue Date:	Project No:	Scale:
JAN 2021	34877	AS SHOWN

Drawing No.:
7 Of 21

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IGOR I SIKORSKY MEMORIAL AIRPORT

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MASTER PLAN UPDATE

AIRPORT LAYOUT PLAN DRAWING SET

No.	Submittal / Revision	App'd.	By	Date

EXISTING & FUTURE INNER APPROACH SURFACE DRAWING RUNWAY 24

Designed By:	Drawn By:	Checked By:
AF/RTL	PDH	NSL
Issue Date:	Project No:	Scale:
JAN 2021	34877	AS SHOWN

Drawing No.:

8 Of 21

RUNWAY 24 END:
LAT: 41° 09' 58.03" N
LONG: 73° 07' 11.80" W
ELEV: 6.6' MSL

RUNWAY 24
DISPLACED THRESHOLD:
LAT: 41° 09' 55.79" N
LONG: 73° 07' 14.76" W
ELEV: 6.7' MSL

RUNWAY '06-24'
RUNWAY 11-29
STRATFORD RD
SNIFFENS LN
HOUTINTIG LN
HOUSATONIC RIVER
MARINE BASIN

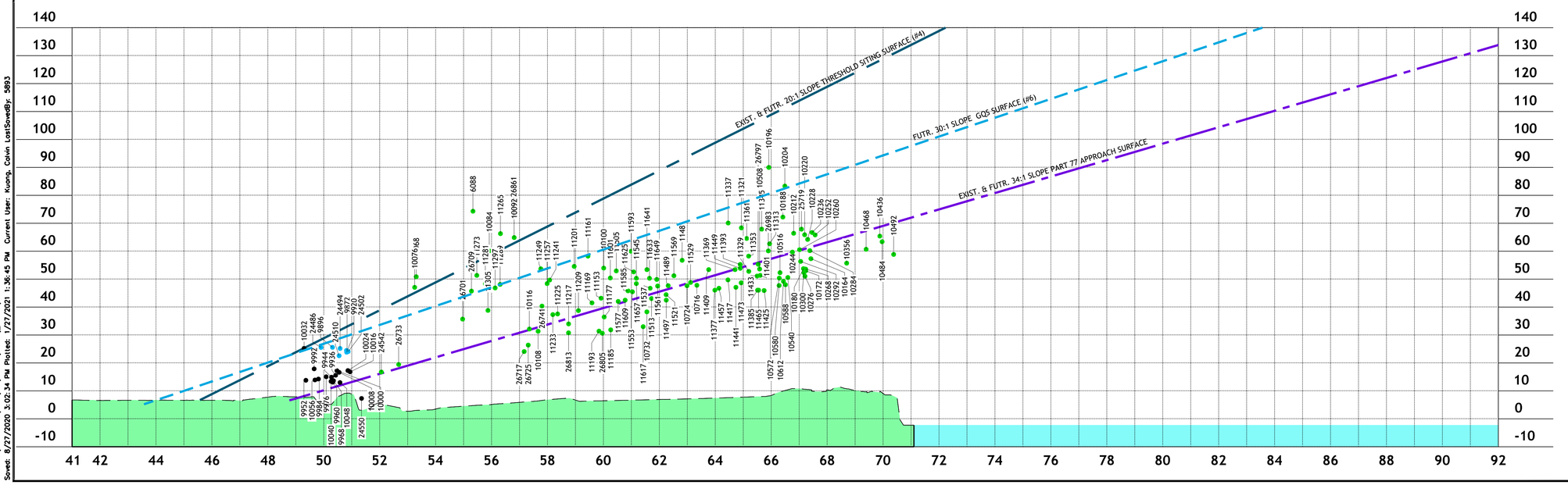
EXIST. & FUTR. 34:1 SLOPE PART 77 APPROACH SURFACE
EXIST. & FUTR. 20:1 SLOPE THRESHOLD SITING SURFACE (#4)
FUTR. 30:1 SLOPE GQS SURFACE (#6)

MAGNETIC DECLINATION 13.27° W
+/- 0.36°
CHANGING BY 0.06° E ANNUALLY
(NOAA, SEPTEMBER 2019)

GRAPHIC SCALE (FEET)
0 100 200 400
HORIZONTAL
0 20 VERTICAL

LEGEND

- ●–100 OBSTRUCTION
- ●–100 ROAD OBSTRUCTION
- ●–100 TREE OBSTRUCTION
- FAR PART 77 APPROACH SURFACE
- THRESHOLD SITING APPROACH SURFACE
- GQS (GLIDE PATH QUALIFICATION)SURFACE
- EX. AIRPORT PROPERTY LINE
- RPZ RUNWAY APPROACH PROTECTION ZONE (RPZ)
- RSA RUNWAY SAFETY AREA (RSA)
- ROFA RUNWAY OBJECT FREE AREA (ROFA)
- OFZ RUNWAY OBSTACLE FREE ZONE (ROFZ)
- RVZ RUNWAY VISIBILITY ZONE (RVZ)
- TSA EX. TAXIWAY SAFETY AREA (TSA)
- TOFA EX. TAXIWAY OBJECT FREE AREA (TOFA)



File: V:\PROJECTS\MY\X4\34877\CADD_ACAD\BDR-ALP-INNER APPROACH.DWG
Saved: 8/27/2020, 3:02:34 PM Plotted: 1/27/2021 1:36:45 PM Current User: Kuong, Colvin LastSavedBy: 5893

File: V:\PROJECTS\ANY\K4\34877\CADD_ACAD\BDR-ALP-INNER APPROACH.DWG
Saved: 8/27/2020 3:02:34 PM Plotted: 1/27/2021 1:37:11 PM Current User: Kuang, Calvin LastSavedBy: 5893

EXISTING CONDITIONS

			34:1 PART 77 APPROACH		THRESHOLD SITING SURFACE 20:1 (#4)					
PT#	OBJECT	OBJ. ELEV	PART 77 ELEV.	PENETRATION (FT.)	TSS #4 ELEV.	PENETRATION (FT.)	NORTHING	EASTING	TRIGGERING EVENT	DISPOSITION
6088	TREE	74.3	26.0	48.3	55.6	18.7	621850.413	898970.143	EXISTING COND.	TO BE REMOVED
9872	PRIMARY ROAD	24.5	12.6	11.9	32.9	-8.4	621755.611	898427.394	EXISTING COND.	TO REMAIN
9896	PRIMARY ROAD	25.6	11.2	14.4	30.4	-4.8	621831.577	898281.458	EXISTING COND.	TO REMAIN
9920	PRIMARY ROAD	23.8	12.6	11.2	32.9	-9.1	621653.279	898529.624	EXISTING COND.	TO REMAIN
9936	FENCE	15.6	11.5	4.1	-	-	621592.965	898533.843	EXISTING COND.	TO REMAIN
9944	FENCE	14.9	11.0	3.9	-	-	621718.75	898388.259	EXISTING COND.	TO REMAIN
9952	FENCE	13.8	8.3	5.4	-	-	621801.263	898177.517	EXISTING COND.	TO REMAIN
9960	FENCE	13.1	11.2	2.0	-	-	621634.141	898478.553	EXISTING COND.	TO REMAIN
9968	FENCE	13.6	11.2	2.4	-	-	621675.746	898441.031	EXISTING COND.	TO REMAIN
9976	FENCE	15.1	10.5	4.6	-	-	621758.143	898322.582	EXISTING COND.	TO REMAIN
9984	FENCE	14.2	9.7	4.6	-	-	621783.061	898258.928	EXISTING COND.	TO REMAIN
9992	STREET SIGN	17.9	9.2	8.7	27.1	-9.2	621825.803	898194.893	EXISTING COND.	TO REMAIN
10000	STREET SIGN	17.2	11.6	5.6	-	-	621759.139	898375.571	EXISTING COND.	TO REMAIN
10008	STREET SIGN	16.6	11.8	4.8	-	-	621630.994	898513.88	EXISTING COND.	TO REMAIN
10016	STREET SIGN	16.8	13.0	3.8	-	-	621653.056	898547.219	EXISTING COND.	TO REMAIN
10024	STREET SIGN	17.3	12.8	4.5	-	-	621793.256	898396.981	EXISTING COND.	TO REMAIN
10032	POLE	25.2	8.2	17.1	25.3	-0.1	621788.872	898180.695	EXISTING COND.	TO REMAIN
10040	GUARDRAIL	13.4	11.0	2.4	-	-	621873.163	898233.042	EXISTING COND.	TO REMAIN
10048	GUARDRAIL	13.0	11.9	1.1	-	-	621855.473	898295.522	EXISTING COND.	TO REMAIN
10056	VERTICAL STRUCTURE	13.9	9.3	4.6	-	-	621782.053	898242.379	EXISTING COND.	TO REMAIN
10068	TREE	50.8	20.0	30.9	45.4	5.5	621997.088	898538.962	EXISTING COND.	TO BE REMOVED
10076	TREE	47.1	19.8	27.2	45.1	2.0	622042.416	898486.243	EXISTING COND.	TO BE REMOVED
10084	TREE	60.1	27.7	32.4	58.4	1.7	622083.534	898821.023	EXISTING COND.	TO BE REMOVED
10092	TREE	64.9	30.3	34.6	62.9	2.0	622178.645	898852.155	EXISTING COND.	TO BE REMOVED
10100	TREE	54.0	39.7	14.3	-	-	622357.276	899125.993	EXISTING COND.	TO BE REMOVED
10108	TREE	31.4	32.8	-1.4	-	-	622345.882	898806.977	EXISTING COND.	TO BE REMOVED
10116	TREE	32.1	31.9	0.3	-	-	622045.265	899060.95	EXISTING COND.	TO BE REMOVED
10164	TREE	57.3	61.5	-4.1	-	-	622718.223	899811.42	EXISTING COND.	TO BE REMOVED
10172	TREE	53.0	60.9	-7.9	-	-	622692.258	899811.009	EXISTING COND.	TO BE REMOVED
10180	TREE	53.8	60.7	-6.9	-	-	622668.547	899823.227	EXISTING COND.	TO BE REMOVED
10188	TREE	72.2	58.5	13.7	-	-	622665.083	899722.971	EXISTING COND.	TO BE REMOVED
10196	TREE	90.0	57.1	32.9	-	-	622640.978	899676.08	EXISTING COND.	TO BE REMOVED
10204	TREE	83.3	58.7	24.6	-	-	622701.341	899697.06	EXISTING COND.	TO BE REMOVED
10212	TREE	66.4	59.7	6.7	-	-	622723.715	899719.097	EXISTING COND.	TO BE REMOVED
10220	TREE	65.9	60.8	5.1	-	-	622753.735	899744.645	EXISTING COND.	TO BE REMOVED
10228	TREE	64.2	61.1	3.1	-	-	622788.554	899725.197	EXISTING COND.	TO BE REMOVED
10236	TREE	66.7	61.6	5.1	-	-	622828.634	899707.707	EXISTING COND.	TO BE REMOVED
10244	TREE	59.7	59.5	0.1	-	-	622770.677	899666.555	EXISTING COND.	TO BE REMOVED
10252	TREE	65.8	61.9	3.9	-	-	622876.593	899675.602	EXISTING COND.	TO BE REMOVED
10260	TREE	60.5	60.3	0.3	-	-	622841.578	899631.937	EXISTING COND.	TO BE REMOVED
10268	TREE	53.6	60.9	-7.3	-	-	622869.851	899634.836	EXISTING COND.	TO BE REMOVED
10276	TREE	51.0	60.8	-9.8	-	-	622884.47	899616.723	EXISTING COND.	TO BE REMOVED
10284	TREE	60.2	61.4	-1.2	-	-	622916.945	899609.198	EXISTING COND.	TO BE REMOVED
10292	TREE	56.3	60.4	-4.0	-	-	622916.284	899563.395	EXISTING COND.	TO BE REMOVED
10300	TREE	52.3	60.7	-8.4	-	-	622915.675	899580.559	EXISTING COND.	TO BE REMOVED
10356	TREE	55.7	65.2	-9.5	-	-	623097.31	899615.641	EXISTING COND.	TO BE REMOVED
10436	TREE	65.4	68.7	-3.3	-	-	622944.227	899934.406	EXISTING COND.	TO BE REMOVED
10468	TREE	60.7	67.3	-6.6	-	-	622881.02	899928.031	EXISTING COND.	TO BE REMOVED
10484	TREE	63.4	69.0	-5.6	-	-	622882.004	900007.503	EXISTING COND.	TO BE REMOVED
10508	TREE	53.6	56.1	-2.5	-	-	622751.489	899520.141	EXISTING COND.	TO BE REMOVED
10516	TREE	52.3	58.2	-5.9	-	-	622846.33	899528.864	EXISTING COND.	TO BE REMOVED
10540	TREE	50.6	59.0	-8.4	-	-	622925.199	899490.062	EXISTING COND.	TO BE REMOVED
10572	TREE	50.4	58.1	-7.8	-	-	622931.664	899440.38	EXISTING COND.	TO BE REMOVED
10612	TREE	49.2	58.6	-9.4	-	-	623031.909	899362.007	EXISTING COND.	TO BE REMOVED
10716	TREE	47.8	49.5	-1.7	-	-	622783.176	899172.777	EXISTING COND.	TO BE REMOVED
10724	TREE	47.6	48.4	-0.8	-	-	622747.074	899158.837	EXISTING COND.	TO BE REMOVED
10732	TREE	38.3	44.2	-5.9	-	-	622508.613	899193.295	EXISTING COND.	TO BE REMOVED
11153	TREE	43.2	39.4	3.8	-	-	622427.999	899042.468	EXISTING COND.	TO BE REMOVED
11161	TREE	58.2	38.0	20.2	-	-	622428.434	898976.138	EXISTING COND.	TO BE REMOVED
11169	TREE	41.5	38.4	3.1	-	-	622465.838	898959.249	EXISTING COND.	TO BE REMOVED
11177	TREE	36.4	39.7	-3.3	-	-	622500.943	898985.734	EXISTING COND.	TO BE REMOVED
11185	TREE	31.8	40.4	-8.6	-	-	622499.275	899020.473	EXISTING COND.	TO BE REMOVED
11193	TREE	31.4	39.2	-7.8	-	-	622496.911	898963.772	EXISTING COND.	TO BE REMOVED
11201	TREE	54.6	36.6	18.0	-	-	622438.699	898896.578	EXISTING COND.	TO BE REMOVED
11209	TREE	38.7	37.0	1.7	-	-	622433.437	898923.134	EXISTING COND.	TO BE REMOVED
11217	TREE	34.0	36.0	-2.0	-	-	622445.263	898861.872	EXISTING COND.	TO BE REMOVED
11225	TREE	37.5	34.8	2.7	-	-	622433.646	898818.118	EXISTING COND.	TO BE REMOVED
11233	TREE	37.3	34.3	3.0	-	-	622435.206	898792.546	EXISTING COND.	TO BE REMOVED
11241	TREE	49.7	34.0	15.7	-	-	622451.834	898760.113	EXISTING COND.	TO BE REMOVED
11249	TREE	53.7	33.1	20.6	-	-	622424.591	898742.559	EXISTING COND.	TO BE REMOVED
11257	TREE	48.4	33.7	14.7	-	-	622431.627	898767.372	EXISTING COND.	TO BE REMOVED
11265	TREE	66.3	28.8	37.4	-	-	621983.93	898976.209	EXISTING COND.	TO BE REMOVED
11273	TREE	51.3	26.3	25.0	-	-	621919.206	898921.26	EXISTING COND.	TO BE REMOVED
11281	TREE	48.3	27.2	21.1	-	-	621928.874	898954.633	EXISTING COND.	TO BE REMOVED
11289	TREE	48.1	28.8	19.3	-	-	621960.171	898998.132	EXISTING COND.	TO BE REMOVED
11297	TREE	46.8	28.3	18.6	-	-	621957.439	898975.651	EXISTING COND.	TO BE REMOVED
11305	TREE	38.8	27.5	11.3	-	-	621950.914	898946.042	EXISTING COND.	TO BE REMOVED
11313	TREE	62.7	57.1	5.5	-	-	622598.443	899722.139	EXISTING COND.	TO BE REMOVED
11321	TREE	68.4	54.2	14.2	-	-	622564.91	899613.249	EXISTING COND.	TO BE REMOVED
11329	TREE	52.8	54.9	-2.2	-	-	622548.101	899667.313	EXISTING COND.	TO BE REMOVED
11337	TREE	70.1	52.8	17.3	-	-	622584.355	899527.553	EXISTING COND.	TO BE REMOVED
11345	TREE	67.9	56.3	11.6	-	-	622681.642	899599.838	EXISTING COND.	TO BE REMOVED
11353	TREE	58.2	54.9	3.3	-	-	622678.179	899537.564	EXISTING COND.	TO BE REMOVED
11361	TREE	64.6	54.7	9.8	-	-	622619.886	899585.465	EXISTING COND.	TO BE REMOVED
11369	TREE	53.4	53.5	-0.1	-	-	622709.816	899437.669	EXISTING COND.	TO BE REMOVED
11377	TREE	46.0	51.4	-5.3	-	-	622608.926	899436.141	EXISTING COND.	TO BE REMOVED
11385	TREE	46.0	55.9	-9.8	-	-	622796.698	899465.18	EXISTING COND.	TO BE REMOVED
11393	TREE	55.2	54.0	1.2	-	-	622823.165	899351.338	EXISTING COND.	TO BE REMOVED
11401	TREE	51.3	56.1	-4.8	-	-	622877.286	899398.744	EXISTING COND.	TO BE REMOVED
11409	TREE	53.4	50.7	2.7	-	-	622752.956	899262.281	EXISTING COND.	TO BE REMOVED
11417	TREE	49.7	52.7	-3.0	-	-	622741.879	899370.292	EXISTING COND.	TO BE REMOVED
11433	TREE	51.1	55.8	-4.7	-	-	622955.008	899305.43	EXISTING COND.	TO BE REMOVED
11441	TREE	47.1	53.6	-6.5	-	-	622932.721	899220.954	EXISTING COND.	TO BE REMOVED
11449	TREE	53.9	54.0	-0.2	-	-	622899.796	899275.473	EXISTING COND.	TO BE REMOVED
11457	TREE	46.7	51.8	-5.1	-	-	622822.431	899245.061	EXISTING COND.	TO BE REMOVED
11465	TREE	46.0	56.0	-9.9	-	-	622915.618	899352.227	EXISTING COND.	TO BE REMOVED
11473	TREE	48.7	54.1	-5.4	-	-	622867.387	899312.347	EXISTING COND.	TO BE REMOVED
11481	TREE	56.7	47.9	8.8	-	-	622531.71	899347.894	EXISTING COND.	TO BE REMOVED
11489	TREE	47.7	46.5	1.2	-	-	622535.819	899273.592	EXISTING COND.	TO BE REMOVED
11497	TREE	42.5	46.2	-3.8	-	-	622478.976	899320.066	EXISTING COND.	TO BE REMOVED
11505	TREE	52.9	41.0	11.9	-	-	622589.77	898958.794	EXISTING COND.	TO BE REMOVED
11513	TREE	43.1	44.7	-1.6	-	-	622590.132	899135.64	EXISTING COND.	TO BE REMOVED
11521	TREE	44.4	46.2	-1.8	-	-	622676.451	899123.693	EXISTING COND.	TO BE REMOVED
11529	TREE	48.8	48.8	0.0	-	-	622815.573	899108.852	EXISTING COND.	TO BE REMOVED
11537	TREE	46.7	44.6	2.2	-	-	622723.789	898996.484	EXISTING COND.	TO BE REMOVED
11545	TREE	50.3	43.1	7.2	-	-	622597.668	899051.96	EXISTING COND.	TO BE REMOVED
11553	TREE	45.5	42.7	2.8	-	-	622652.232	898977.9	EXISTING COND.	TO BE REMOVED
11561	TREE	47.5	45.3	2.2	-	-	622690.713	899066.979	EXISTING COND.	TO BE REMOVED
11569	TREE	51.2	47.1	4.2	-	-	622769.99	899070.235	EXISTING COND.	TO BE REMOVED
11577	TREE	42.0	41.2	0.8	-	-	622548.354	899009.482	EXISTING COND.	TO BE REMOVED
11585	TREE	45.8	42.2	3.6	-	-	622532.873	899074.04	EXISTING COND.	TO BE REMOVED
11593	TREE	60.0	42.6	17.4	-	-	622438.412	899183.467	EXISTING COND.	TO BE REMOVED
11601	TREE	50.4	40.4	10.0	-	-	622423.407	899093.57	EXISTING COND.	TO BE REMOVED
11609	TREE	42.5	41.9	0.6	-	-	622480.598	899111.636	EXISTING COND.	TO BE REMOVED
11625	TREE	52.6	42.8	9.8	-	-	622311.48	899321.992	EXISTING COND.	TO BE REMOVED
11633	TREE	50.3	44.5	5.8	-	-	622326.297	899387.205	EXISTING COND.	TO BE REMOVED
11641	TREE	53.4	44.2	9.2	-	-	622368.253	899332.728	EXISTING COND.	TO BE REMOVED
11649	TREE	49.9	45.3	4.6	-	-	622413.815	899336.967	EXISTING COND.	TO BE REMOVED
11657	TREE	48.4	43.1	5.3	-	-	622360.354	899287.163	EXISTING COND.	TO BE REMOVED
24486	PRIMARY ROAD	25.6	9.9	15.6	28.3	-2.8	621849.892	898205.596	EXISTING COND.	TO REMAIN
24494	PRIMARY ROAD	25.2	11.9	13.2	31.7	-6.6	621805.108	898345.769	EXISTING COND.	TO REMAIN
24502	PRIMARY ROAD	24.1	12.8	11.3	33.2	-9.1	621712.113	898478.962	EXISTING COND.	TO REMAIN
24510	PRIMARY ROAD	22.6	11.8	10.7	31.6	-9.0	621577.196	898566.991	EXISTING COND.	TO REMAIN
24542	TREE	16.8	16.3	0.5	-	-	621817.258	898541.591	EXISTING COND.	TO BE REMOVED
24550	GROUND	7.3	14.2	-6.9	-	-	621598.37	898659.023	EXISTING COND.	TO REMAIN
25719	TREE	67.9	60.5	7.4	-	-	622583.646	899897.255	EXISTING COND.	TO BE REMOVED
26701	TREE	35.7	24.8	10.9	-	-	621880.79	898888.02	EXISTING COND.	TO BE REMOVED
26709	TREE	45.7	25.8	19.9	55.2	-9.5	621896.057	898917.281	EXISTING COND.	TO BE REMOVED
26717	TREE	24.1	31.3	-7.2	-	-	622182.946	898898.404	EXISTING COND.	TO BE REMOVED
26725	TREE	26.4	31.7	-5.3	-	-	622260.142	898842.11	EXISTING COND.	TO BE REMOVED
26733	TREE	19.4	18.1	1.3	-	-	622034.991	898413.048	EXISTING COND.	TO BE REMOVED
26741	TREE	40.3	33.2	7.2	-	-	622441.823	898731.278	EXISTING COND.	TO BE REMOVED
26797	TREE	55.3	55.9	-0.6	-	-	622734.965	899529.473	EXISTING COND.	TO BE REMOVED
26805	TREE	30.6	39.5	-8.9	-	-	622411.638	899065.135	EXISTING COND.	TO BE REMOVED
26813	TREE	30.8	36.0	-5.2	-	-	622424.323	898882.325	EXISTING COND.	TO BE REMOVED
26861	TREE	72.6	30.2	42.3	62.8	9.8	621934.833	899091.137	EXISTING COND.	TO BE REMOVED
26983	TREE	60.1	57.0	3.1	-	-	622472.233	899840.877	EXISTING COND.	TO BE REMOVED

FUTURE CONDITIONS

			PART 77 APPROACH		THRESHOLD SITING SURFACE (#4)		THRESHOLD SITING SURFACE (#6)					
PT#	OBJECT	OBJ. ELEV	PART 77 ELEV.	PENETRATION (FT.)	TSS #4 ELEV.	PENETRATION (FT.)	TSS #6 ELEV.	PENETRATION (FT.)	NORTHING	EASTING	TRIGGERING EVENT	DISPOSITION
6088	TREE	74.3	26.0	48.3	55.5	18.8			621850.413	898970.143	EXISTING COND.	TO BE REMOVED
9872	PRIMARY ROAD	24.5	12.6	11.9	32.8	-8.3	28.9	-4.4	621755.611	898427.394	EXISTING COND.	TO REMAIN
9896	PRIMARY ROAD	25.6	11.2	14.4	30.3	-4.7	28.8	-3.2	621831.577	898281.458	EXISTING COND.	TO REMAIN
9920	PRIMARY ROAD	23.8	12.6	11.2	32.8	-9.0	28.1	-4.2	621653.279	898529.624	EXISTING COND.	TO REMAIN
9936	FENCE	15.6	11.5	4.1	-	-	-	-	621592.965	898533.843	EXISTING COND.	TO REMAIN
9944	FENCE	14.9	11.0	3.9	-	-	-	-	621718.75	898388.259	EXISTING COND.	TO REMAIN
9952	FENCE	13.8	8.3	5.4	-	-	-	-	621801.263	898177.517	EXISTING COND.	TO REMAIN
9960	FENCE	13.1	11.2	2.0	-	-	-	-	621634.141	898478.553	EXISTING COND.	TO REMAIN
9968	FENCE	13.6	11.2	2.4	-	-	-	-	621675.746	898441.031	EXISTING COND.	TO REMAIN
9976	FENCE	15.1	10.5	4.6	-	-	-	-	621758.143	898322.582	EXISTING COND.	TO REMAIN
9984	FENCE	14.2	9.7	4.6	-	-	-	-	621783.061	898258.928	EXISTING COND.	TO REMAIN
9992	STREET SIGN	17.9	9.2	8.7	27.0	-9.1	-	-	621825.803	898194.893	EXISTING COND.	TO REMAIN
10000	STREET SIGN	17.2	11.6	5.6	-	-	-	-	621759.139	898375.571	EXISTING COND.	TO REMAIN
10008	STREET SIGN	16.6	11.8	4.8	-	-	-	-	621630.994	898513.88	EXISTING COND.	TO REMAIN
10016	STREET SIGN	16.8	13.0	3.8	-	-	-	-	621653.056	898547.219	EXISTING COND.	TO REMAIN
10024	STREET SIGN	17.3	12.8	4.5	-	-	-	-	621793.256	898396.981	EXISTING COND.	TO REMAIN
10032	POLE	25.2	8.2	17.1	25.2	0.0	-	-	621788.872	898180.695	EXISTING COND.	TO REMAIN
10040	GUARDRAIL	13.4	11.0	2.4	-	-	-	-	621873.163	898233.042	EXISTING COND.	TO REMAIN
10048	GUARDRAIL	13.0	11.9	1.1	-	-	-	-	621855.473	898295.522	EXISTING COND.	TO REMAIN
10056	VERTICAL STRUCTURE	13.9	9.3	4.6	-	-	-	-	621782.053	898242.379	EXISTING COND.	TO REMAIN
10068	TREE	50.8	20.0	30.9	45.3	5.6	38.0	12.9	621997.088	898538.962	EXISTING COND.	TO BE REMOVED
10076	TREE	47.1	19.8	27.2	45.0	2.1	38.5	8.6	622042.416	898486.243	EXISTING COND.	TO BE REMOVED
10084	TREE	60.1	27.7	32.4	58.3	1.8	45.2	14.9	622083.534	898821.023	EXISTING COND.	TO BE REMOVED
10092	TREE	64.9	30.3	34.6	62.8	2.1	48.5	16.3	622178.645	898852.155	EXISTING COND.	TO BE REMOVED
10100	TREE	54.0	39.7	14.3	-	-	59.0	-5.0	622357.276	899125.993	EXISTING COND.	TO BE REMOVED
10108	TREE	31.4	32.8	-1.4	-	-	-	-	622345.882	898806.977	EXISTING COND.	TO BE REMOVED
10116	TREE	32.1	31.9	0.3	-	-	-	-	622045.265	899060.95	EXISTING COND.	TO BE REMOVED
10164	TREE	57.3	61.5	-4.1	-	-	-	-	622718.223	899811.42	EXISTING COND.	TO BE REMOVED
10172	TREE	53.0	60.9	-7.9	-	-	-	-	622692.258	899811.009	EXISTING COND.	TO BE REMOVED
10180	TREE	53.8	60.7	-6.9	-	-	-	-	622668.547	899823.227	EXISTING COND.	TO BE REMOVED
10188	TREE	72.2	58.5	13.7	-	-	80.5	-8.3	622665.083	899722.971	EXISTING COND.	TO BE REMOVED
10196	TREE	90.0	57.1	32.9	-	-	78.9	11.1	622640.978	899676.08	EXISTING COND.	TO BE REMOVED
10204	TREE	83.3	58.7	24.6	-	-	80.8	2.5	622701.341	899697.06	EXISTING COND.	TO BE REMOVED
10212	TREE	66.4	59.7	6.7	-	-	-	-	622723.715	899719.097	EXISTING COND.	TO BE REMOVED
10220	TREE	65.9	60.8	5.1	-	-	-	-	622753.735	899744.645	EXISTING COND.	TO BE REMOVED
10228	TREE	64.2	61.1	3.1	-	-	-	-	622788.554	899725.197	EXISTING COND.	TO BE REMOVED
10236	TREE	66.7	61.6	5.1	-	-	-	-	622828.634	899707.707	EXISTING COND.	TO BE REMOVED
10244	TREE	59.7	59.5	0.1	-	-	-	-	622770.677	899666.555	EXISTING COND.	TO BE REMOVED
10252	TREE	65.8	61.9	3.9	-	-	-	-	622876.593	899675.602	EXISTING COND.	TO BE REMOVED
10260	TREE	60.5	60.3	0.3	-	-	-	-	622841.578	899631.937	EXISTING COND.	TO BE REMOVED
10268	TREE	53.6	60.9	-7.3	-	-	-	-	622869.851	899634.836	EXISTING COND.	TO BE REMOVED
10276	TREE	51.0	60.8	-9.8	-	-	-	-	622884.47	899616.723	EXISTING COND.	TO BE REMOVED
10284	TREE	60.2	61.4	-1.2	-	-	-	-	622916.945	899609.198	EXISTING COND.	TO BE REMOVED
10292	TREE	56.3	60.4	-4.0	-	-	-	-	622916.284	899563.395	EXISTING COND.	TO BE REMOVED
10300	TREE	52.3	60.7	-8.4	-	-	-	-	622915.675	899580.559	EXISTING COND.	TO BE REMOVED
10356	TREE	55.7	65.2	-9.5	-	-	-	-	623097.31	899615.641	EXISTING COND.	TO BE REMOVED
10436	TREE	65.4	68.7	-3.3	-	-	-	-	622944.227	899934.406	EXISTING COND.	TO BE REMOVED
10468	TREE	60.7	67.3	-6.6	-	-	-	-	622881.02	899928.031	EXISTING COND.	TO BE REMOVED
10484	TREE	63.4	69.0	-5.6	-	-	-	-	622882.004	900007.503	EXISTING COND.	TO BE REMOVED
10508	TREE	53.6	56.1	-2.5	-	-	-	-	622751.489	899520.141	EXISTING COND.	TO BE REMOVED
10516	TREE	52.3	58.2	-5.9	-	-	-	-	622846.33	899528.864	EXISTING COND.	TO BE REMOVED
10540	TREE	50.6	59.0	-8.4	-	-	-	-	622925.199	899490.062	EXISTING COND.	TO BE REMOVED
10572	TREE	50.4	58.1	-7.8	-	-	-	-	622931.664	899440.38	EXISTING COND.	TO BE REMOVED
10612	TREE	49.2	58.6	-9.4	-	-	-	-	623031.909	899362.007	EXISTING COND.	TO BE REMOVED
10716	TREE	47.8	49.5	-1.7	-	-	-	-	622783.176	899172.777	EXISTING COND.	TO BE REMOVED
10724	TREE	47.6	48.4	-0.8	-	-	-	-	622747.074	899158.837	EXISTING COND.	TO BE REMOVED
10732	TREE	38.3	44.2	-5.9	-	-	-	-	622508.613	899193.295	EXISTING COND.	TO BE REMOVED
11153	TREE	43.2	39.4	3.8	-	-	-	-	622427.999	899042.468	EXISTING COND.	TO BE REMOVED
11161	TREE	58.2	38.0	20.2	-	-	58.1	0.2	622428.434	898976.138	EXISTING COND.	TO BE REMOVED
11169	TREE	41.5	38.4	3.1	-	-	-	-	622465.838	898959.249	EXISTING COND.	TO BE REMOVED
11177	TREE	36.4	39.7	-3.3	-	-	-	-	622500.943	898985.734	EXISTING COND.	TO BE REMOVED
11185	TREE	31.8	40.4	-8.6	-	-	-	-	622499.275	899020.473	EXISTING COND.	TO BE REMOVED
11193	TREE	31.4	39.2	-7.8	-	-	-	-	622496.911	898963.772	EXISTING COND.	TO BE REMOVED
11201	TREE	54.6	36.6	18.0	-	-	57.1	-2.5	622438.699	898896.578	EXISTING COND.	TO BE REMOVED
11209	TREE	38.7	37.0	1.7	-	-	-	-	622433.437	898923.134	EXISTING COND.	TO BE REMOVED
11217	TREE	34.0	36.0	-2.0	-	-	-	-	622445.263	898861.872	EXISTING COND.	TO BE REMOVED
11225	TREE	37.5	34.8	2.7	-	-	-	-	622433.646	898818.118	EXISTING COND.	TO BE REMOVED
11233	TREE	37.3	34.3	3.0	-	-	-	-	622435.206	898792.546	EXISTING COND.	TO BE REMOVED
11241	TREE	49.7	34.0	15.7	-	-	-	-	622451.834	898760.113	EXISTING COND.	TO BE REMOVED
11249	TREE	53.7	33.1	20.6	-	-	-	-	622424.591	898742.559	EXISTING COND.	TO BE REMOVED
11257	TREE	48.4	33.7	14.7	-	-	-	-	622431.627	898767.372	EXISTING COND.	TO BE REMOVED
11265	TREE	66.3	28.8	37.4	-	-	46.6	19.7	621983.93	898976.209	EXISTING COND.	TO BE REMOVED
11273	TREE	51.3	26.3	25.0	-	-	-	-	621919.206	898921.26	EXISTING COND.	TO BE REMOVED
11281	TREE	48.3	27.2	21.1	-	-	-	-	621928.874	898954.633	EXISTING COND.	TO BE REMOVED
11289	TREE	48.1	28.8	19.3	-	-	-	-	621960.171	898998.132	EXISTING COND.	TO BE REMOVED
11297	TREE	46.8	28.3	18.6	-	-	-	-	621957.439	898975.651	EXISTING COND.	TO BE REMOVED
11305	TREE	38.8	27.5	11.3	-	-	-	-	621950.914	898946.042	EXISTING COND.	TO BE REMOVED
11313	TREE	62.7	57.1	5.5	-	-	-	-	622598.443	899722.139	EXISTING COND.	TO BE REMOVED
11321	TREE	68.4	54.2	14.2	-	-	75.5	-7.2	622564.91	899613.249	EXISTING COND.	TO BE REMOVED
11329	TREE	52.8	54.9	-2.2	-	-	-	-	622548.101	899667.313	EXISTING COND.	TO BE REMOVED
11337	TREE	70.1	52.8	17.3	-	-	74.0	-3.9	622584.355	899527.553	EXISTING COND.	TO BE REMOVED
11345	TREE	67.9	56.3	11.6	-	-	-	-	622681.642	899599.838	EXISTING COND.	TO BE REMOVED
11353	TREE	58.2	54.9	3.3	-	-	-	-	622678.179	899537.564	EXISTING COND.	TO BE REMOVED
11361	TREE	64.6	54.7	9.8	-	-	-	-	622619.886	899585.465	EXISTING COND.	TO BE REMOVED
11369	TREE	53.4	53.5	-0.1	-	-	-	-	622709.816	899437.669	EXISTING COND.	TO BE REMOVED
11377	TREE	46.0	51.4	-5.3	-	-	-	-	622608.926	899436.141	EXISTING COND.	TO BE REMOVED
11385	TREE	46.0	55.9	-9.8	-	-	-	-	622796.698	899465.18	EXISTING COND.	TO BE REMOVED
11393	TREE	55.2	54.0	1.2	-	-	-	-	622823.165	899351.338	EXISTING COND.	TO BE REMOVED
11401	TREE	51.3	56.1	-4.8	-	-	-	-	622877.286	899398.744	EXISTING COND.	TO BE REMOVED
11409	TREE	53.4	50.7	2.7	-	-	-	-	622752.956	899262.281	EXISTING COND.	TO BE REMOVED
11417	TREE	49.7	52.7	-3.0	-	-	-	-	622741.879	899370.292	EXISTING COND.	TO BE REMOVED
11433	TREE	51.1	55.8	-4.7	-	-	-	-	622955.008	899305.43	EXISTING COND.	TO BE REMOVED
11441	TREE	47.1	53.6	-6.5	-	-	-	-	622932.721	899220.954	EXISTING COND.	TO BE REMOVED
11449	TREE	53.9	54.0	-0.2	-	-	-	-	622899.796	899275.473	EXISTING COND.	TO BE REMOVED
11457	TREE	46.7	51.8	-5.1	-	-	-	-	622822.431	899245.061	EXISTING COND.	TO BE REMOVED
11465	TREE	46.0	56.0	-9.9	-	-	-	-	622915.618	899352.227	EXISTING COND.	TO BE REMOVED
11473	TREE	48.7	54.1	-5.4	-	-	-	-	622867.387	899312.347	EXISTING COND.	TO BE REMOVED
11481	TREE	56.7	47.9	8.8	-	-	-	-	622531.71	899347.894	EXISTING COND.	TO BE REMOVED
11489	TREE	47.7	46.5	1.2	-	-	-	-	622535.819	899273.592	EXISTING COND.	TO BE REMOVED
11497	TREE	42.5	46.2	-3.8	-	-	-	-	622478.976	899320.066	EXISTING COND.	TO BE REMOVED
11505	TREE	52.9	41.0	11.9	-	-	62.6	-9.7	622589.77	898958.794	EXISTING COND.	TO BE REMOVED
11513	TREE	43.1	44.7	-1.6	-	-	-	-	622590.132	899135.64	EXISTING COND.	TO BE REMOVED
11521	TREE	44.4	46.2	-1.8	-	-	-	-	622676.451	899123.693	EXISTING COND.	TO BE REMOVED
11529	TREE	48.8	48.8	0.0	-	-	-	-	622815.573	899108.852	EXISTING COND.	TO BE REMOVED
11537	TREE	46.7	44.6	2.2	-	-	-	-	622723.789	898996.484	EXISTING COND.	TO BE REMOVED
11545	TREE	50.3	43.1	7.2	-	-	-	-	622597.668	899051.96	EXISTING COND.	TO BE REMOVED
11553	TREE	45.5	42.7	2.8	-	-	-	-	622652.232	898977.9	EXISTING COND.	TO BE REMOVED
11561	TREE	47.5	45.3	2.2	-	-	-	-	622690.713	899066.979	EXISTING COND.	TO BE REMOVED
11569	TREE	51.2	47.1	4.2	-	-	-	-	622769.99	899070.235	EXISTING COND.	TO BE REMOVED
11577	TREE	42.0	41.2	0.8	-	-	-	-	622548.354	899009.482	EXISTING COND.	TO BE REMOVED
11585	TREE	45.8	42.2	3.6	-	-	-	-	622532.873	899074.04	EXISTING COND.	TO BE REMOVED
11593	TREE	60.0	42.6	17.4	-	-	62.3	-2.3	622438.412	899183.467	EXISTING COND.	TO BE REMOVED
11601	TREE	50.4	40.4	10.0	-	-	59.8	-9.4	622423.407	899093.57	EXISTING COND.	TO BE REMOVED
11609	TREE	42.5	41.9	0.6	-	-	-	-	622480.598	899111.636	EXISTING COND.	TO BE REMOVED
11625	TREE	52.6	42.8	9.8	-	-	62.6	-10.0	622311.48	899321.992	EXISTING COND.	TO BE REMOVED
11633	TREE	50.3	44.5	5.8	-	-	-	-	622326.297	899387.205	EXISTING COND.	TO BE REMOVED
11641	TREE	53.4	44.2	9.2	-	-	-	-	622368.253	899332.728	EXISTING COND.	TO BE REMOVED
11649	TREE	49.9	45.3	4.6	-	-	-	-	622413.815	899336.967	EXISTING COND.	TO BE REMOVED
11657	TREE	48.4	43.1	5.3	-	-	-	-	622360.354	899287.163	EXISTING COND.	TO BE REMOVED
24486	PRIMARY ROAD	25.6	9.9	15.6	28.2	-2.7	-	-	621849.892	898205.596	EXISTING COND.	TO REMAIN
24494	PRIMARY ROAD	25.2	11.9	13.2	31.6	-6.5	29.1	-3.9	621805.108	898345.769	EXISTING COND.	TO REMAIN
24502	PRIMARY ROAD	24.1	12.8	11.3	33.1	-9.0	28.4	-4.3	621712.113	898478.962	EXISTING COND.	TO REMAIN
24510	PRIMARY ROAD	22.6	11.8	10.7	31.5	-8.9	-	-	621577.196	898566.991	EXISTING COND.	TO REMAIN
24542	TREE	16.8	16.3	0.5	-	-	-	-	621817.258	898541.591	EXISTING COND.	TO BE REMOVED
24550	GROUND	7.3	14.2	-6.9	-	-	-	-	621598.37	898659.023	EXISTING COND.	TO REMAIN
25719	TREE	67.9	60.5	7.4	-	-	-	-	622583.646	899897.255	EXISTING COND.	TO BE REMOVED
26701	TREE	35.7	24.8	10.9	-	-	-	-	621880.79	898888.02	EXISTING COND.	TO BE REMOVED
26709	TREE	45.7	25.8	19.9	55.1	-9.4	-	-	621896.057	898917.281	EXISTING COND.	TO BE REMOVED
26717	TREE	24.1	31.3	-7.2	-	-	-	-	622182.946	898898.404	EXISTING COND.	TO BE REMOVED
26725	TREE	26.4	31.7	-5.3	-	-	-	-	622260.142	898842.11	EXISTING COND.	TO BE REMOVED
26733	TREE	19.4	18.1	1.3	-	-	-	-	622034.991	898413.048	EXISTING COND.	TO BE REMOVED
26741	TREE	40.3	33.2	7.2	-	-	-	-	622441.823	898731.278	EXISTING COND.	TO BE REMOVED
26797	TREE	55.3	55.9	-0.6	-	-	-	-	622734.965	899529.473	EXISTING COND.	TO BE REMOVED
26805	TREE	30.6	39.5	-8.9	-	-	-	-	622411.638	899065.135	EXISTING COND.	TO BE REMOVED
26813	TREE	30.8	36.0	-5.2	-	-	-	-	622424.323	898882.325	EXISTING COND.	TO BE REMOVED
26861	TREE	72.6	30.2	42.3	62.7	9.9	-	-	621934.833	899091.137	EXISTING COND.	TO BE REMOVED
26983	TREE	60.1	57.0	3.1	-	-	-	-	622472.233	899840.877	EXISTING COND.	TO BE REMOVED

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IGOR I SIKORSKY MEMORIAL AIRPORT

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Stratford, CT 06615

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

MASTER PLAN UPDATE

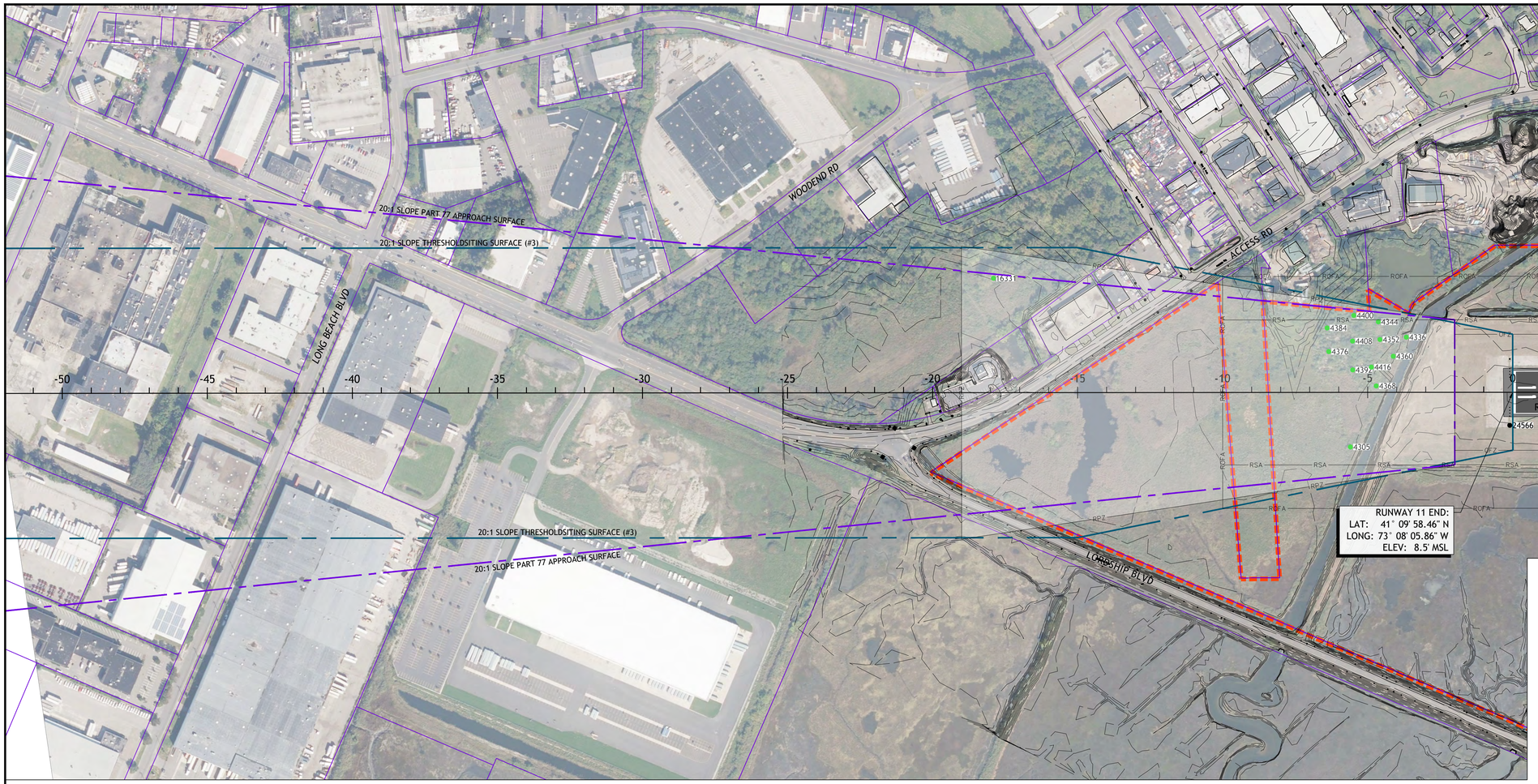
AIRPORT LAYOUT PLAN DRAWING SET

No.	Submittal / Revision	App'd.	By	Date

RUNWAY 24 APPROACH OBSTRUCTIONS

Designed By:	Drawn By:	Checked By:
AF/RTL	PDH	NSL
Issue Date:	Project No:	Scale:
JAN 2021	34877	AS SHOWN

Drawing No.:



N M

MAGNETIC DECLINATION 13.27° W
+/- 0.36°
CHANGING BY 0.06° E ANNUALLY
(NOAA, SEPTEMBER 2019)

GRAPHIC SCALE (FEET)

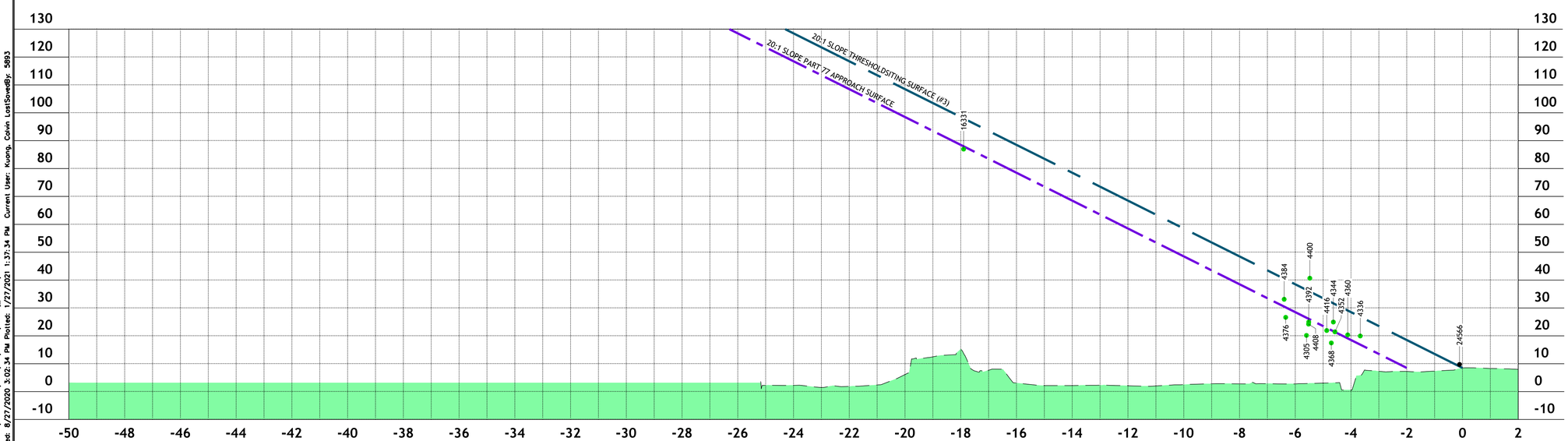
0 100 200 400

HORIZONTAL

20 VERTICAL 0

LEGEND

●-100	OBSTRUCTION
●-100	ROAD OBSTRUCTION
●-100	TREE OBSTRUCTION
	FAR PART 77 APPROACH SURFACE
	THRESHOLD SITING APPROACH SURFACE
	GQS (GLIDE PATH QUALIFICATION)SURFACE
	EX. AIRPORT PROPERTY LINE
RPZ	RUNWAY APPROACH PROTECTION ZONE (RPZ)
RSA	RUNWAY SAFETY AREA (RSA)
ROFA	RUNWAY OBJECT FREE AREA (ROFA)
OFZ	RUNWAY OBSTACLE FREE ZONE (ROFZ)
RVZ	RUNWAY VISIBILITY ZONE (RVZ)
TSA	EX. TAXIWAY SAFETY AREA (TSA)
TOFA	EX. TAXIWAY OBJECT FREE AREA (TOFA)



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IGOR I SIKORSKY MEMORIAL AIRPORT

1000 Great Meadow Road
Stratford, CT 06615

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MASTER PLAN UPDATE

AIRPORT LAYOUT PLAN DRAWING SET

No.	Submittal / Revision	App'd.	By	Date

EXISTING INNER APPROACH SURFACE DRAWING RUNWAY 11

Designed By:	Drawn By:	Checked By:
AF/RTL	PDH	NSL
Issue Date:	Project No:	Scale:
JAN 2021	34877	AS SHOWN

Drawing No.:

10 Of 21

			20:1 PART 77 APPROACH		THRESHOLD SITING SURFACE 20:1 (#4)					
PT#	OBJECT	OBJ. ELEV	PART 77 ELEV.	PENETRATION (FT.)	TSS #4 ELEV.	PENETRATION (FT.)	NORTHING	EASTING	TRIGGERING EVENT	DISPOSITION
4305	TREE	20.2	26.5	-6.3	-	-	621425.915	893425.268	EXISTING COND.	TO BE REMOVED
4336	TREE	19.9	16.8	3.1	26.8	-6.9	621773.365	893669.56	EXISTING COND.	TO BE REMOVED
4344	TREE	24.9	21.7	3.3	31.6	-6.7	621839.406	893581.473	EXISTING COND.	TO BE REMOVED
4352	TREE	21.4	21.4	0.1	31.4	-9.9	621778.293	893578.474	EXISTING COND.	TO BE REMOVED
4360	TREE	20.4	19.1	1.3	29.1	-8.7	621714.668	893615.87	EXISTING COND.	TO BE REMOVED
4368	TREE	17.4	22.0	-4.6	-	-	621621.613	893543.174	EXISTING COND.	TO BE REMOVED
4376	TREE	26.6	30.2	-3.6	-	-	621762.114	893397.826	EXISTING COND.	TO BE REMOVED
4384	TREE	33.1	30.5	2.6	40.5	-7.4	621843.429	893403.808	EXISTING COND.	TO BE REMOVED
4392	TREE	24.9	26.1	-1.1	-	-	621687.728	893470.735	EXISTING COND.	TO BE REMOVED
4400	TREE	40.7	25.9	14.7	35.9	4.8	621873.212	893500.968	EXISTING COND.	TO BE REMOVED
4408	TREE	24.2	26.1	-1.9	-	-	621786.189	893484.16	EXISTING COND.	TO BE REMOVED
4416	TREE	21.9	22.9	-0.9	-	-	621688.285	893535.943	EXISTING COND.	TO BE REMOVED
16323	TREE	87.3	-	-	89.8	-2.5	622251.243	892464.43	EXISTING COND.	TO BE REMOVED
16331	TREE	87.0	88.0	-1.0	-	-	622251.243	892464.43	EXISTING COND.	TO BE REMOVED
16387	TREE	80.3	-	-	47.6	32.8	621955.028	893278.282	EXISTING COND.	TO BE REMOVED
16435	TREE	22.3	15.7	6.6	25.7	-3.4	621835.573	893700.994	EXISTING COND.	TO BE REMOVED
24566	NAVAID	9.7	9.0	0.7	-	-	621422.101	893979.519	EXISTING COND.	TO REMAIN

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MASTER PLAN UPDATE

AIRPORT LAYOUT PLAN
DRAWING SET

No.	Submittal / Revision	App'd.	By	Date

RWY 11 Data (Exist)

Designed By:	Drawn By:	Checked By:
AF/RTL	PDH	NSL
Issue Date:	Project No:	Scale:
JAN 2021	34877	AS SHOWN

Drawing No.:
11 Of 21

File: V:\PROJECTS\ANY\X4\34877\CADD_ACAD\BDR-ALP-INNER APPROACH.DWG
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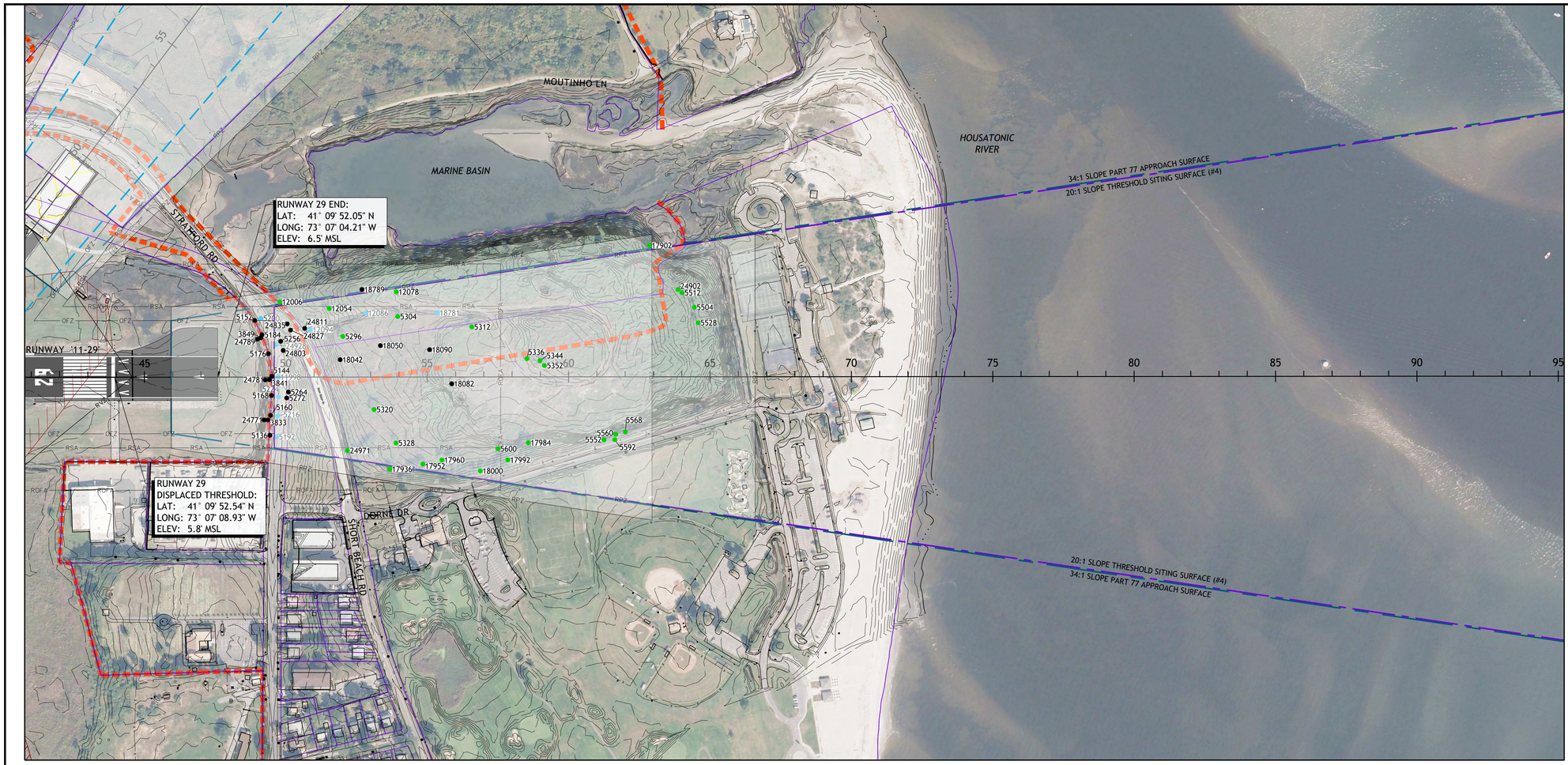

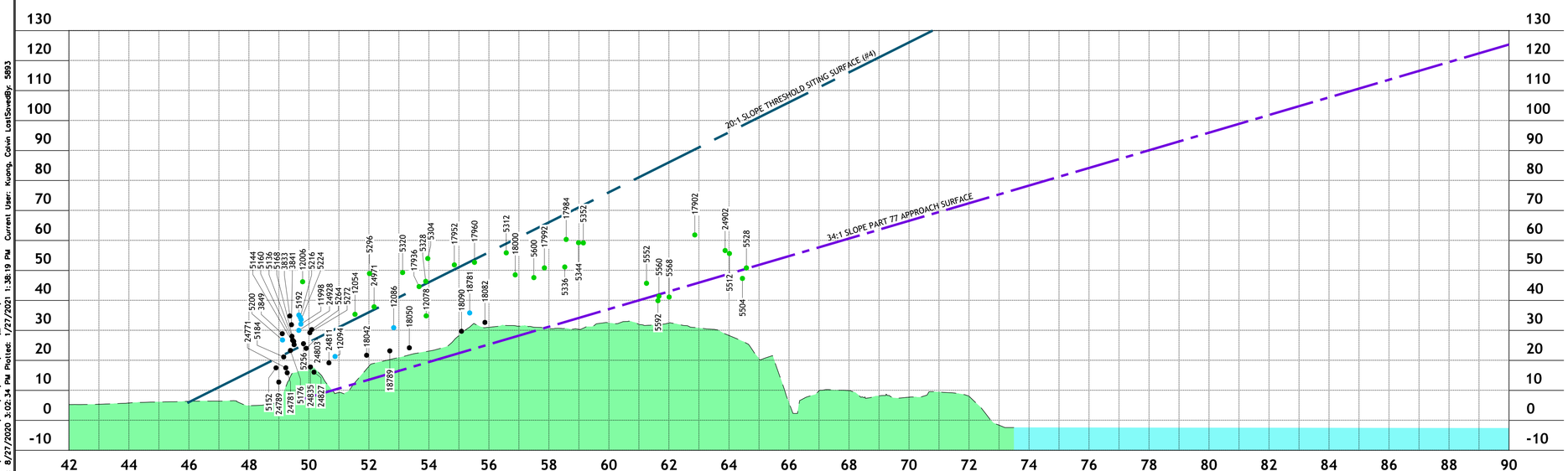

MAGNETIC DECLINATION 13.27° W
+/- 0.36°
CHANGING BY 0.06° E ANNUALLY
(NOAA, SEPTEMBER 2019)

GRAPHIC SCALE (FEET)
0 100 200 400
HORIZONTAL
20
VERTICAL
0

LEGEND

- 100 OBSTRUCTION
- 100 ROAD OBSTRUCTION
- 100 TREE OBSTRUCTION
- FAR PART 77 APPROACH SURFACE
- THRESHOLD SITING APPROACH SURFACE
- GQS (GLIDE PATH QUALIFICATION)SURFACE
- EX. AIRPORT PROPERTY LINE
- RPZ RUNWAY APPROACH PROTECTION ZONE (RPZ)
- RSA RUNWAY SAFETY AREA (RSA)
- ROFA RUNWAY OBJECT FREE AREA (ROFA)
- OFZ RUNWAY OBSTACLE FREE ZONE (ROFZ)
- RVZ RUNWAY VISIBILITY ZONE (RVZ)
- TSA EX. TAXIWAY SAFETY AREA (TSA)
- TOFA EX. TAXIWAY OBJECT FREE AREA (TOFA)

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MASTER PLAN UPDATE

AIRPORT LAYOUT PLAN DRAWING SET

No.	Submittal / Revision	App'd.	By	Date

EXISTING INNER APPROACH SURFACE DRAWING RUNWAY 29

Designed By:	Drawn By:	Checked By:
AF/RTL	PDH	NSL
Issue Date:	Project No:	Scale:
JAN 2021	34877	AS SHOWN

Drawing No.:
12 Of 21

File: V:\PROJECTS\MY\X4\34877\CADD_ACAD\BOR-ALP-INNER APPROACH.DWG
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			34:1 PART 77 APPROACH		THRESHOLD SITING SURFACE 20:1 (#4)					
PT#	OBJECT	OBJ. ELEV	PART 77 ELEV.	PENETRATION (FT.)	TSS #4 ELEV.	PENETRATION (FT.)	NORTHING	EASTING	TRIGGERING EVENT	DISPOSITION
3833	POLE	34.8			22.9	11.9	620688.849	898871.793	EXISTING COND.	TO REMAIN
3841	POLE	31.9			23.2	8.7	620829.34	898897.191	EXISTING COND.	TO REMAIN
3849	POLE	28.9			21.6	7.3	620980.236	898887.632	EXISTING COND.	TO REMAIN
5136	FENCE	28.0			23.2	4.8	620634.279	898871.125	EXISTING COND.	TO REMAIN
5144	FENCE	25.2			23.6	1.6	620839.628	898907.588	EXISTING COND.	TO REMAIN
5152	FENCE	17.5			20.6	-3.1	621043.894	898875.731	EXISTING COND.	TO REMAIN
5160	FENCE	26.7			23.4	3.4	620703.607	898883.309	EXISTING COND.	TO REMAIN
5168	FENCE	26.3			23.5	2.8	620772.711	898896.745	EXISTING COND.	TO REMAIN
5176	FENCE	23.3			23.0	0.3	620920.548	898906.796	EXISTING COND.	TO REMAIN
5184	FENCE	21.2			21.9	-0.7	620990.027	898893.819	EXISTING COND.	TO REMAIN
5192	PRIMARY ROAD	35.1	6.7	28.4	24.4	10.7	620625.54	898893.26	EXISTING COND.	TO REMAIN
5200	PRIMARY ROAD	26.8			21.7	5.1	621048.168	898898.239	EXISTING COND.	TO REMAIN
5216	PRIMARY ROAD	34.4	6.9	27.5	24.6	9.7	620698.107	898908.148	EXISTING COND.	TO REMAIN
5224	PRIMARY ROAD	33.6	7.0	26.6	24.8	8.8	620764.344	898920.607	EXISTING COND.	TO REMAIN
5256	STREET SIGN	25.6	7.2	18.4	25.2	0.4	620957.797	898955.885	EXISTING COND.	TO REMAIN
5264	STREET SIGN	30.3	8.0	22.3	26.5	3.8	620776.376	898957.875	EXISTING COND.	TO REMAIN
5272	STREET SIGN	29.3	7.8	21.4	26.2	3.0	620756.45	898948.795	EXISTING COND.	TO REMAIN
5296	TREE	49.0	13.7	35.3	36.2	12.8	620943.789	899176.115	EXISTING COND.	TO BE REMOVED
5304	TREE	54.0	19.4	34.6	45.9	8.1	620986.188	899378.359	EXISTING COND.	TO BE REMOVED
5312	TREE	55.9	27.1	28.8	58.9	-3.1	620912.763	899632.172	EXISTING COND.	TO BE REMOVED
5320	TREE	49.3	16.9	32.4	41.7	7.6	620672.34	899249.003	EXISTING COND.	TO BE REMOVED
5328	TREE	46.4	19.2	27.2	45.5	0.8	620544.214	899308.817	EXISTING COND.	TO BE REMOVED
5336	TREE	51.2	32.8	18.4			620773.967	899809.44	EXISTING COND.	TO BE REMOVED
5344	TREE	59.3	34.2	25.1			620760.694	899853.977	EXISTING COND.	TO BE REMOVED
5352	TREE	59.2	34.6	24.6			620741.165	899867.311	EXISTING COND.	TO BE REMOVED
5464	TREE	48.2	53.0	-4.8			620746.037	900498.896	EXISTING COND.	TO BE REMOVED
5472	TREE	43.8	53.5	-9.6			620705.492	900510.579	EXISTING COND.	TO BE REMOVED
5504	TREE	47.3	50.2	-2.9			620870.257	900421.274	EXISTING COND.	TO BE REMOVED
5512	TREE	55.6	48.9	6.7			620927.124	900385.581	EXISTING COND.	TO BE REMOVED
5528	TREE	50.9	50.6	0.3			620814.137	900426.672	EXISTING COND.	TO BE REMOVED
5536	TREE	41.2	50.7	-9.5			620489.815	900386.102	EXISTING COND.	TO BE REMOVED
5552	TREE	45.7	40.8	4.9			620451.679	900038.846	EXISTING COND.	TO BE REMOVED
5560	TREE	41.4	42.0	-0.6			620464.823	900082.532	EXISTING COND.	TO BE REMOVED
5568	TREE	41.1	43.0	-1.9			620468.496	900117.485	EXISTING COND.	TO BE REMOVED
5592	TREE	39.9	41.9	-2.0			620446.475	900076.683	EXISTING COND.	TO BE REMOVED
5600	TREE	47.6	29.8	17.8			620472.969	899662.603	EXISTING COND.	TO BE REMOVED
5608	POLE UTIL	44.2	43.0	1.2			620396.126	900108.23	EXISTING COND.	TO REMAIN
5616	POLE UTIL	40.5	48.3	-7.8			620420.447	900291.117	EXISTING COND.	TO REMAIN
11998	PRIMARY ROAD	32.1	6.9	25.2	24.7	7.4	620834.243	898929.565	EXISTING COND.	TO REMAIN
12054	TREE	35.4	12.2	23.1	33.7	1.6	621048.66	899142.251	EXISTING COND.	TO BE REMOVED
12078	BUSH	34.9	19.2	15.7			621073.168	899385.388	EXISTING COND.	TO BE REMOVED
12086	SECONDARY ROAD	30.9	16.0	14.9	40.2	-9.3	621013.958	899267.84	EXISTING COND.	TO REMAIN
12094	SECONDARY ROAD	21.3	10.3	11.0	30.4	-9.1	620984.019	899065.998	EXISTING COND.	TO REMAIN
17952	TREE	51.9	22.0	29.9	50.3	1.6	620456.952	899392.666	EXISTING COND.	TO BE REMOVED
17960	TREE	52.7	24.0	28.7	53.7	-1.0	620461.694	899461.191	EXISTING COND.	TO BE REMOVED
17984	TREE	60.3	32.9	27.4	68.9	-8.6	620478.98	899772.299	EXISTING COND.	TO BE REMOVED
17992	TREE	50.9	30.8	20.1			620428.876	899691.801	EXISTING COND.	TO BE REMOVED
18000	TREE	48.5	27.9	20.6			620404.254	899590.163	EXISTING COND.	TO BE REMOVED
18026	GROUND	17.5	15.4	2.2			620622.629	899189.513	EXISTING COND.	TO REMAIN
18034	GROUND	18.5	14.4	4.1			620742.283	899174.205	EXISTING COND.	TO REMAIN
18042	GROUND	21.7	13.4	8.4			620863.782	899155.089	EXISTING COND.	TO REMAIN
18050	GROUND	24.2	17.5	6.6			620893.043	899303.032	EXISTING COND.	TO REMAIN
18058	GROUND	23.0	19.1	3.9			620765.227	899338.218	EXISTING COND.	TO REMAIN
18066	GROUND	24.2	20.5	3.7			620642.429	899367.459	EXISTING COND.	TO REMAIN
18074	GROUND	26.9	24.9	2.0			620576.653	899510.429	EXISTING COND.	TO REMAIN
18082	GROUND	32.7	25.0	7.7			620723.776	899533.479	EXISTING COND.	TO REMAIN
18090	GROUND	29.7	22.7	7.1			620854.155	899473.135	EXISTING COND.	TO REMAIN
18106	GROUND	28.7	30.7	-2.0			620951.936	899763.605	EXISTING COND.	TO REMAIN
18114	GROUND	28.4	35.5	-7.2			620943.371	899927.267	EXISTING COND.	TO REMAIN
18146	GROUND	32.0	36.6	-4.6			620569.339	899911.007	EXISTING COND.	TO REMAIN
18154	GROUND	35.3	38.6	-3.3			620710.81	900000.992	EXISTING COND.	TO REMAIN
18162	GROUND	35.0	37.0	-2.0			620839.462	899963.077	EXISTING COND.	TO REMAIN
18170	GROUND	31.9	28.7	3.1			620788.436	899672.572	EXISTING COND.	TO REMAIN
18178	GROUND	31.9	32.3	-0.5			620862.343	899807.071	EXISTING COND.	TO REMAIN
18186	GROUND	28.9	30.4	-1.5			620527.356	899693.604	EXISTING COND.	TO REMAIN
18194	GROUND	30.9	29.5	1.4			620654.837	899681.384	EXISTING COND.	TO REMAIN
18202	GROUND	31.6	34.1	-2.5			620662.185	899839.786	EXISTING COND.	TO REMAIN
18781	SECONDARY ROAD	35.8	23.5	12.4			620979.217	899518.563	EXISTING COND.	TO REMAIN
18797	GROUND	26.9	23.2	3.7			621083.146	899524.304	EXISTING COND.	TO REMAIN
24771	STREET SIGN	17.5			22.2	-4.7	620691.109	898858.488	EXISTING COND.	TO REMAIN
24781	STREET SIGN	15.9			22.4	-6.6	620830.504	898883.036	EXISTING COND.	TO REMAIN
24789	STREET SIGN	12.8			21.0	-8.2	620977.037	898875.482	EXISTING COND.	TO REMAIN
24803	STREET SIGN	24.0	7.4	16.6	25.6	-1.6	620924.652	898960.282	EXISTING COND.	TO REMAIN
24811	FENCE	19.2	9.7	9.5			620991.379	899046.366	EXISTING COND.	TO REMAIN
24827	FENCE	16.1	8.2	7.9			620992.158	898996.112	EXISTING COND.	TO REMAIN
24835	VENT PIPE	17.8	7.9	10.0	26.3	-8.5	621015.715	898987.608	EXISTING COND.	TO REMAIN
24845	BUSH	38.7	46.7	-8.1			620888.744	900305.471	EXISTING COND.	TO BE REMOVED
24853	BUSH	37.6	47.2	-9.6			620739.947	900298.621	EXISTING COND.	TO BE REMOVED
24861	BUSH	40.5	46.3	-5.8			620607.818	900250.676	EXISTING COND.	TO BE REMOVED
24886	TREE	34.9	42.5	-7.7			620463.383	900099.267	EXISTING COND.	TO BE REMOVED
24902	TREE	56.7	48.5	8.1			620940.518	900373.074	EXISTING COND.	TO BE REMOVED
24928	PRIMARY ROAD	30.0	6.7	23.3	24.4	5.6	620948.1	898938.751	EXISTING COND.	TO REMAIN
24971	TREE	37.9	14.1	23.8	36.9	0.9	620541.988	899134.58	EXISTING COND.	TO BE REMOVED

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MASTER PLAN UPDATE

AIRPORT LAYOUT PLAN
DRAWING SET

No.	Submittal / Revision	App'd	By	Date

RWY 29 Data (Exist)

Designed By:	Drawn By:	Checked By:
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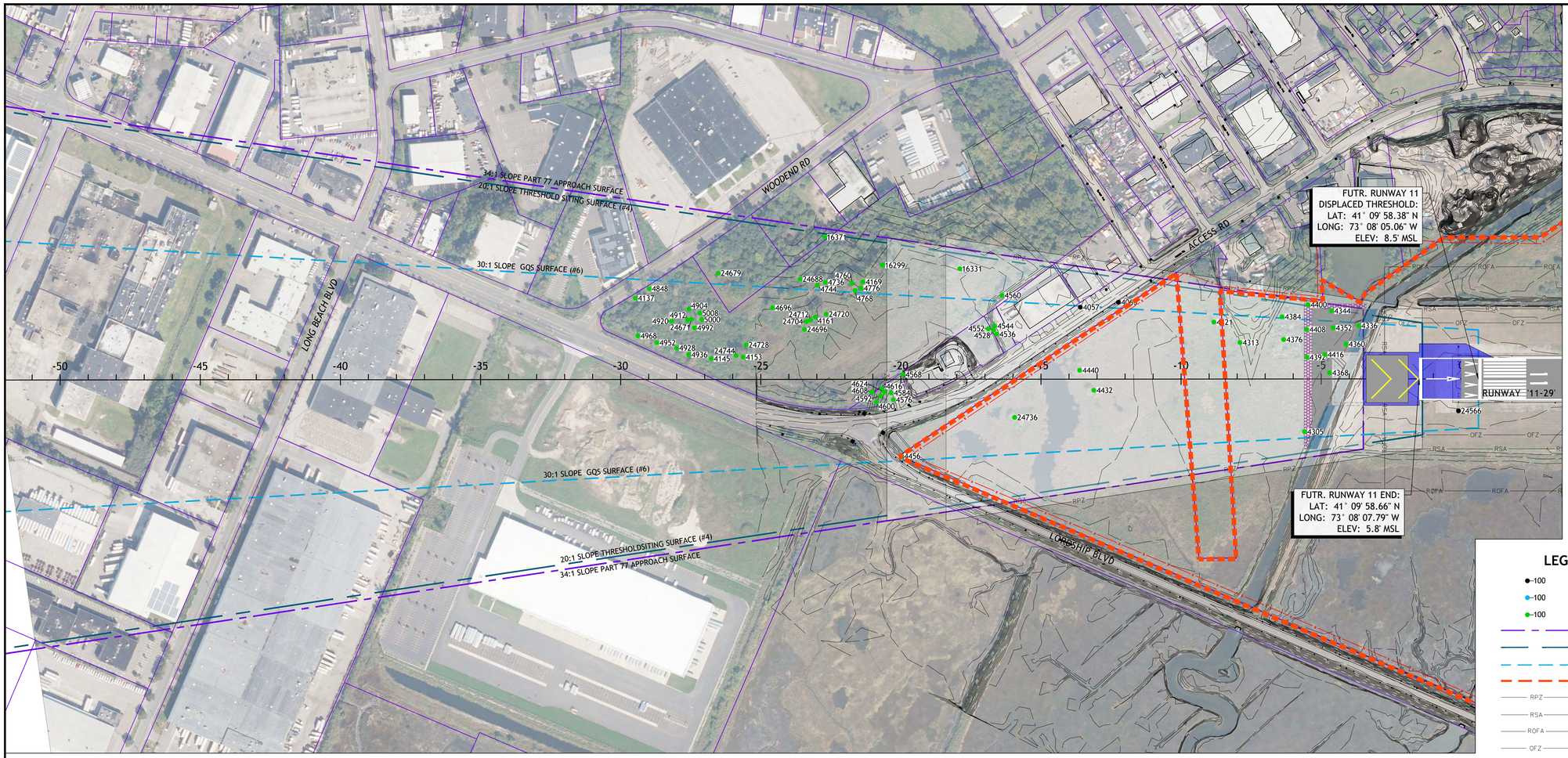
Issue Date:	Project No:	Scale:
JAN 2021	34877	AS SHOWN

Drawing No.:
13 Of 21

File: V:\PROJECTS\ANYVK4\34877\CADD_ACAD\DDR-ALP-INNER APPROACH.DWG
Saved: 8/27/2020 3:02:34 PM Plotted: 1/27/2021 1:38:36 PM Current User: Kuong, Colvin LastSavedBy: 5893



MAGNETIC DECLINATION 13.27° W
+/- 0.36°
CHANGING BY 0.06° E ANNUALLY
(NOAA, SEPTEMBER 2019)

GRAPHIC SCALE (FEET)

0 100 200 400

HORIZONTAL

20 VERTICAL 0

LEGEND

●-100	OBSTRUCTION
●-100	ROAD OBSTRUCTION
●-100	TREE OBSTRUCTION
	FAR PART 77 APPROACH SURFACE
	THRESHOLD SITING APPROACH SURFACE
	GQS (GLIDE PATH QUALIFICATION)SURFACE
EX.	AIRPORT PROPERTY LINE
RPZ	RUNWAY APPROACH PROTECTION ZONE (RPZ)
RSA	RUNWAY SAFETY AREA (RSA)
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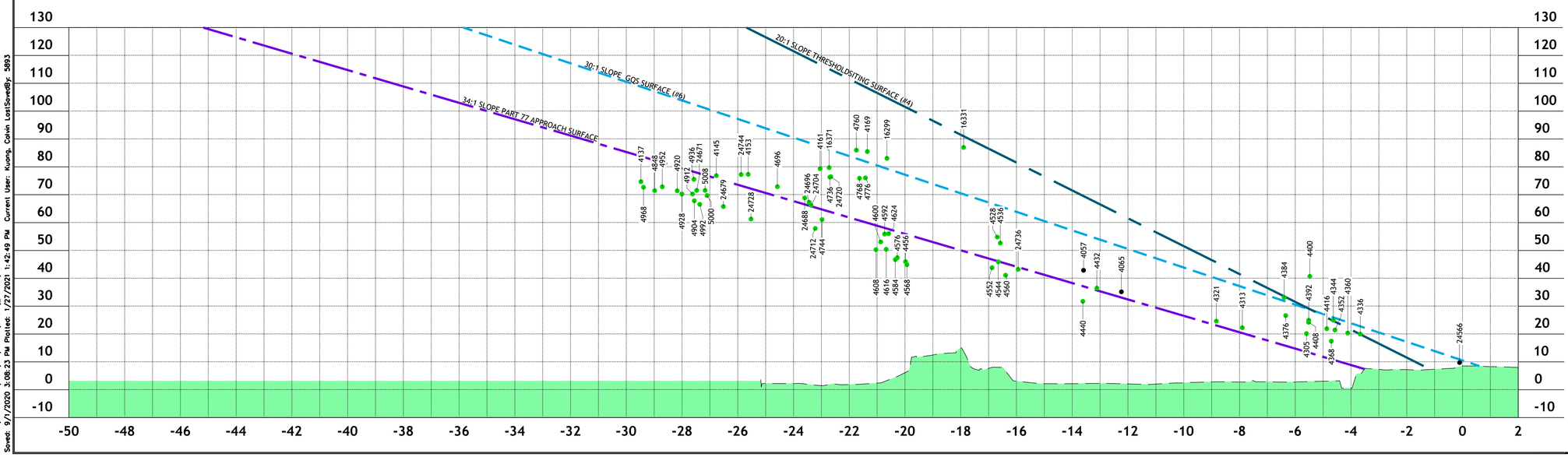

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1000 Great Meadow Road
Stratford, CT 06615

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

MASTER PLAN UPDATE

AIRPORT LAYOUT PLAN DRAWING SET

No.	Submittal / Revision	App'd.	By	Date

FUTURE INNER APPROACH SURFACE DRAWING RUNWAY 11

Designed By:	Drawn By:	Checked By:
AF/RTL	PDH	NSL
Issue Date:	Project No:	Scale:
JAN 2021	34877	AS SHOWN

Drawing No.:

14 Of 21

File: V:\PROJECTS\AHY\X4\34877\CADD_ACAD\BDR-ALP-INNER APPROACH - FUTURE.DWG
Saved: 9/1/2020 3:08:23 PM Plotted: 1/27/2021 1:42:49 PM Current User: Kuong, Colyn Last Saved By: 5893

			PART 77 APPROACH		THRESHOLD SITING SURFACE (#4)		THRESHOLD SITING SURFACE (#6)					
PT#	OBJECT	OBJ. ELEV	PART 77 ELEV.	PENETRATION (FT.)	TSS #4 ELEV.	PENETRATION (FT.)	TSS #6 ELEV.	PENETRATION (FT.)	NORTHING	EASTING	TRIGGERING EVENT	DISPOSITION
4057	POLE UTIL	42.9	37.1	5.8	-	-	-	-	621979.171	892695.983	EXISTING COND.	TO REMAIN
4065	POLE UTIL	35.1	33.1	2.0	-	-	-	-	621977.431	892833.003	EXISTING COND.	TO REMAIN
4137	TREE	74.7	83.8	-9.1	-	-	-	-	622235.861	891128.571	EXISTING COND.	TO BE REMOVED
4145	TREE	76.9	75.9	1.0	-	-	-	-	621983.479	891365.932	EXISTING COND.	TO BE REMOVED
4153	TREE	77.3	72.5	4.8	-	-	-	-	621972.916	891479.689	EXISTING COND.	TO BE REMOVED
4161	TREE	79.4	64.9	14.4	-	-	87.3	-8.0	622078.077	891755.324	EXISTING COND.	TO BE REMOVED
4169	TREE	85.5	59.9	25.6	-	-	-	-	622178.241	891940.806	EXISTING COND.	TO BE REMOVED
4177	POLE UTIL	48.4	55.1	-6.7	-	-	-	-	621720.206	892040.984	EXISTING COND.	TO REMAIN
4305	TREE	20.2	13.6	6.6	29.5	-9.4	29.2	-9.0	621425.915	893425.268	EXISTING COND.	TO BE REMOVED
4313	TREE	22.2	20.3	1.9	-	-	-	-	621773.507	893242.175	EXISTING COND.	TO BE REMOVED
4321	TREE	24.6	23.1	1.5	-	-	-	-	621858.884	893160.172	EXISTING COND.	TO BE REMOVED
4336	TREE	19.9	7.9	12.1	19.9	0.1	22.7	-2.8	621773.365	893669.56	EXISTING COND.	TO BE REMOVED
4344	TREE	24.9	10.7	14.2	24.7	0.2	-	-	621839.406	893581.473	EXISTING COND.	TO BE REMOVED
4352	TREE	21.4	10.6	10.9	24.4	-3.0	25.8	-4.3	621778.293	893578.474	EXISTING COND.	TO BE REMOVED
4360	TREE	20.4	9.2	11.1	22.1	-1.8	24.2	-3.9	621714.668	893615.87	EXISTING COND.	TO BE REMOVED
4368	TREE	17.4	10.9	6.5	25.0	-7.6	26.2	-8.8	621621.613	893543.174	EXISTING COND.	TO BE REMOVED
4376	TREE	26.6	15.8	10.9	33.2	-6.6	31.7	-5.0	621762.114	893397.826	EXISTING COND.	TO BE REMOVED
4384	TREE	33.1	15.9	17.2	33.5	-0.4	-	-	621843.429	893403.808	EXISTING COND.	TO BE REMOVED
4392	TREE	24.9	13.3	11.6	29.1	-4.2	28.9	-4.0	621687.728	893470.735	EXISTING COND.	TO BE REMOVED
4400	TREE	40.7	13.2	27.4	-	-	-	-	621873.212	893500.968	EXISTING COND.	TO BE REMOVED
4408	TREE	24.2	13.3	10.9	29.1	-4.9	28.9	-4.7	621786.189	893484.16	EXISTING COND.	TO BE REMOVED
4416	TREE	21.9	11.4	10.5	25.9	-4.0	26.8	-4.9	621688.285	893535.943	EXISTING COND.	TO BE REMOVED
4432	TREE	36.5	35.7	0.8	-	-	-	-	621678.786	892701.644	EXISTING COND.	TO BE REMOVED
4440	TREE	31.7	37.2	-5.4	-	-	-	-	621756.546	892661.834	EXISTING COND.	TO BE REMOVED
4456	TREE	46.0	55.9	-9.9	-	-	-	-	621543.219	891988.975	EXISTING COND.	TO BE REMOVED
4504	POLE UTIL	46.6	53.9	-7.3	-	-	-	-	621725.7	892081.815	EXISTING COND.	TO REMAIN
4528	TREE	54.8	46.2	8.6	-	-	-	-	621942.047	892378.353	EXISTING COND.	TO BE REMOVED
4536	TREE	52.7	45.9	6.8	-	-	-	-	621925.947	892386.739	EXISTING COND.	TO BE REMOVED
4544	TREE	45.9	46.1	-0.2	-	-	-	-	621956.039	892383.909	EXISTING COND.	TO BE REMOVED
4552	TREE	43.8	46.7	-2.9	-	-	-	-	621948.925	892360.201	EXISTING COND.	TO BE REMOVED
4560	TREE	41.1	45.3	-4.2	-	-	-	-	622060.558	892425	EXISTING COND.	TO BE REMOVED
4576	TREE	47.4	56.7	-9.4	-	-	-	-	621746.301	891988.143	EXISTING COND.	TO BE REMOVED
4592	TREE	55.9	58.1	-2.2	-	-	-	-	621766.247	891944.962	EXISTING COND.	TO BE REMOVED
4600	TREE	53.1	58.5	-5.4	-	-	-	-	621746.388	891927.967	EXISTING COND.	TO BE REMOVED
4608	TREE	50.3	59.0	-8.7	-	-	-	-	621783.946	891915.925	EXISTING COND.	TO BE REMOVED
4616	TREE	50.4	57.9	-7.5	-	-	-	-	621791.708	891954.255	EXISTING COND.	TO BE REMOVED
4624	TREE	56.0	57.7	-1.6	-	-	-	-	621777.614	891960.866	EXISTING COND.	TO BE REMOVED
4696	TREE	72.9	69.4	3.5	-	-	-	-	622132.375	891608.226	EXISTING COND.	TO BE REMOVED
4736	TREE	76.3	63.9	12.5	-	-	-	-	622195.962	891807.662	EXISTING COND.	TO BE REMOVED
4744	TREE	61.1	64.7	-3.6	-	-	-	-	622190.011	891778.231	EXISTING COND.	TO BE REMOVED
4760	TREE	86.0	61.1	24.9	-	-	-	-	622179.256	891901.122	EXISTING COND.	TO BE REMOVED
4768	TREE	75.9	60.8	15.2	-	-	-	-	622152.025	891908.675	EXISTING COND.	TO BE REMOVED
4776	TREE	76.1	60.1	15.9	-	-	-	-	622157.109	891930.981	EXISTING COND.	TO BE REMOVED
4912	TREE	70.3	78.4	-8.1	-	-	-	-	622131.942	891300.821	EXISTING COND.	TO BE REMOVED
4920	TREE	71.4	80.0	-8.6	-	-	-	-	622135.787	891245.66	EXISTING COND.	TO BE REMOVED
4928	TREE	70.3	79.5	-9.2	-	-	-	-	622039.001	891248.815	EXISTING COND.	TO BE REMOVED
4936	TREE	75.5	78.2	-2.7	-	-	-	-	622008.976	891288.233	EXISTING COND.	TO BE REMOVED
4952	TREE	72.8	81.5	-8.7	-	-	-	-	622067.507	891181.921	EXISTING COND.	TO BE REMOVED
5000	TREE	69.7	76.8	-7.1	-	-	-	-	622126.577	891352.326	EXISTING COND.	TO BE REMOVED
5008	TREE	71.6	77.0	-5.5	-	-	-	-	622150.02	891348.882	EXISTING COND.	TO BE REMOVED
16299	TREE	83.1	57.9	25.2	-	-	-	-	622226.844	892018.754	EXISTING COND.	TO BE REMOVED
16331	TREE	87.0	49.8	37.2	91.0	-4.0	-	-	622175.839	892289.446	EXISTING COND.	TO BE REMOVED
16371	TREE	79.7	64.0	15.8	-	-	-	-	622355.586	891827.474	EXISTING COND.	TO BE REMOVED
24566	NAVAID	9.7			-	-	10.9	-1.1	622355.586	891827.474	EXISTING COND.	TO REMAIN
24671	TREE	71.6	77.9	-6.4	-	-	-	-	622132.466	891315.805	EXISTING COND.	TO BE REMOVED
24679	TREE	65.8	75.1	-9.3	-	-	-	-	622282.349	891433.876	EXISTING COND.	TO BE REMOVED
24688	TREE	68.9	66.5	2.4	-	-	-	-	622219.899	891719.803	EXISTING COND.	TO BE REMOVED
24696	TREE	67.3	66.1	1.3	-	-	-	-	622040.007	891710.226	EXISTING COND.	TO BE REMOVED
24704	TREE	66.2	65.8	0.4	-	-	-	-	622066.287	891721.055	EXISTING COND.	TO BE REMOVED
24712	TREE	57.9	65.4	-7.5	-	-	-	-	622069.551	891736.73	EXISTING COND.	TO BE REMOVED
24720	TREE	76.5	63.8	12.7	-	-	86.1	-9.6	622082.829	891794.85	EXISTING COND.	TO BE REMOVED
24736	TREE	43.2	44.0	-0.8	-	-	-	-	621622.934	892408.345	EXISTING COND.	TO BE REMOVED
24744	TREE	77.2	73.2	4.0	-	-	-	-	621981.73	891455.287	EXISTING COND.	TO BE REMOVED

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III Winners Circle, PO Box 5269
Albany, NY 12205-0269
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IGOR I SIKORSKY MEMORIAL AIRPORT

1000 Great Meadow Road
Stratford, CT 06615

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

MASTER PLAN UPDATE

AIRPORT LAYOUT PLAN
DRAWING SET

No.	Submittal / Revision	App'd.	By	Date

RWY11 Fut Table

Designed By:	Drawn By:	Checked By:
AF/RTL	PDH	NSL
Issue Date:	Project No:	Scale:
JAN 2021	34877	AS SHOWN

Drawing No.:
15 Of 21

File: V:\PROJECTS\ANY\K4\34877\CADD_ACAD\BDR-ALP-INNER APPROACH - FUTURE.DWG
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IGOR I SIKORSKY MEMORIAL AIRPORT

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MASTER PLAN UPDATE

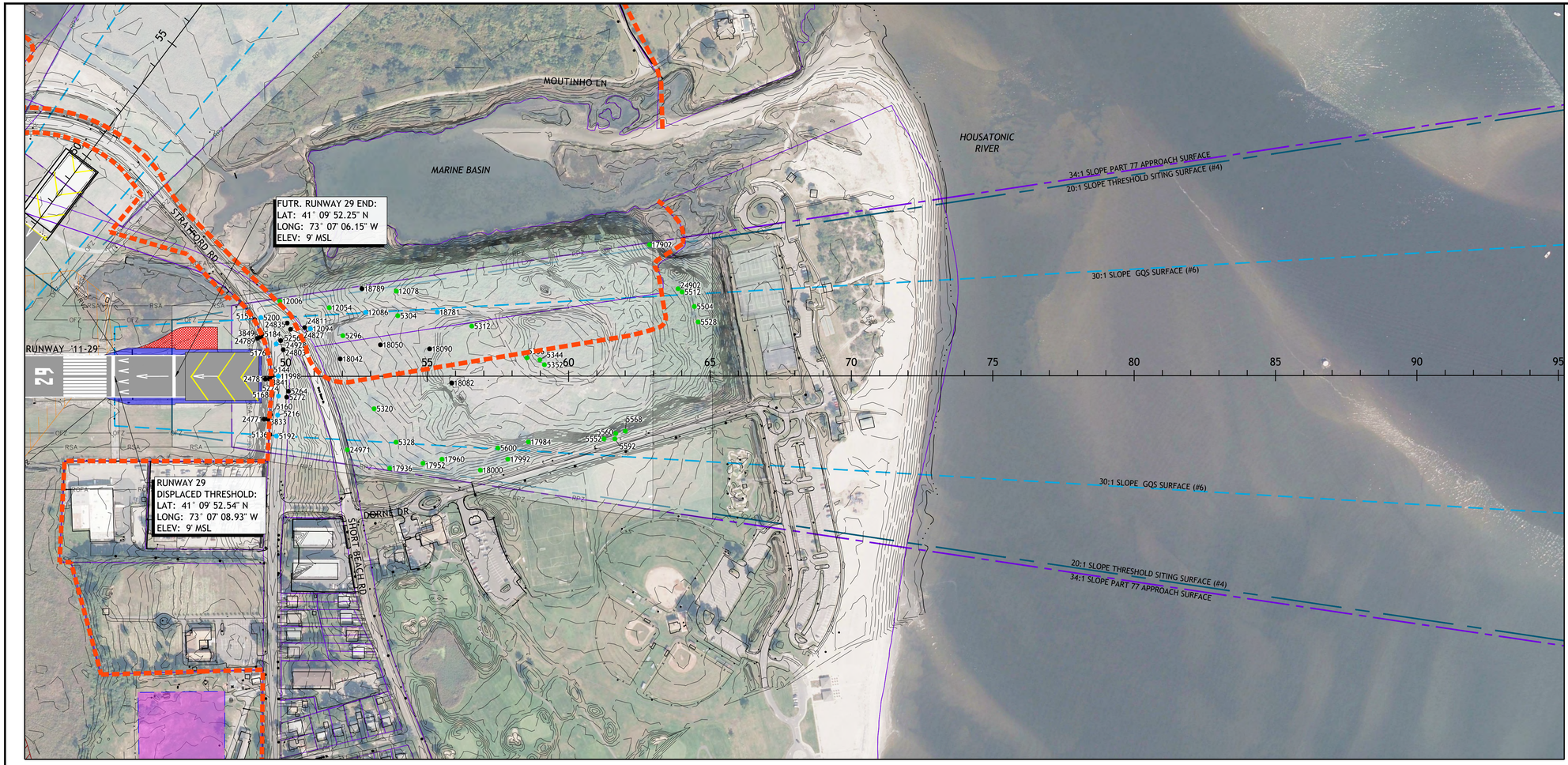
AIRPORT LAYOUT PLAN DRAWING SET

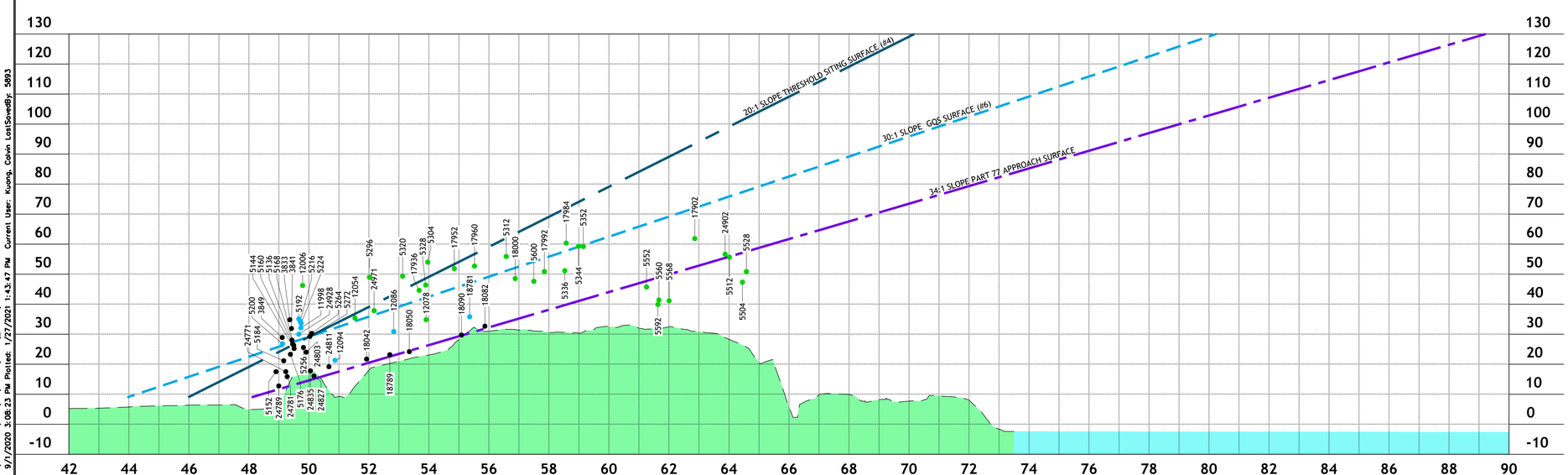
No.	Submittal / Revision	App'd.	By	Date

FUTURE INNER APPROACH SURFACE DRAWING RUNWAY 29

Designed By:	Drawn By:	Checked By:
AF/RTL	PDH	NSL
Issue Date:	Project No:	Scale:
JAN 2021	34877	AS SHOWN

Drawing No.:
16 Of 21





MAGNETIC DECLINATION 13.27° W
+/- 0.36'
CHANGING BY 0.06° E ANNUALLY
(NOAA, SEPTEMBER 2019)

GRAPHIC SCALE (FEET)
0 100 200 400
HORIZONTAL
20
VERTICAL
0

LEGEND

- 100 OBSTRUCTION
- 100 ROAD OBSTRUCTION
- 100 TREE OBSTRUCTION
- FAR PART 77 APPROACH SURFACE
- THRESHOLD SITING APPROACH SURFACE
- GQS (GLIDE PATH QUALIFICATION)SURFACE
- EX. AIRPORT PROPERTY LINE
- RPZ RUNWAY APPROACH PROTECTION ZONE (RPZ)
- RSA RUNWAY SAFETY AREA (RSA)
- ROFA RUNWAY OBJECT FREE AREA (ROFA)
- OFZ RUNWAY OBSTACLE FREE ZONE (ROFZ)
- RVZ RUNWAY VISIBILITY ZONE (RVZ)
- TSA EX. TAXIWAY SAFETY AREA (TSA)
- TOFA EX. TAXIWAY OBJECT FREE AREA (TOFA)

File: V:\PROJECTS\AVY\X41_34877\CADD_ACAD\BOR-ALP-INNER APPROACH - FUTURE.DWG
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Plotted: 1/27/2021 1:43:47 PM

			PART 77 APPROACH		THRESHOLD SITING SURFACE (#4)		THRESHOLD SITING SURFACE (#6)					
PT#	OBJECT	OBJ. ELEV	PART 77 ELEV.	PENETRATION (FT.)	TSS #4 ELEV.	PENETRATION (FT.)	TSS #6 ELEV.	PENETRATION (FT.)	NORTHING	EASTING	TRIGGERING EVENT	DISPOSITION
3833	POLE	34.8	12.8	22.1	26.0	8.9	27.1	7.8	620688.849	898871.793	EXISTING COND.	TO REMAIN
3841	POLE	31.9	12.9	19.0	26.2	5.7	27.2	4.7	620829.34	898897.191	EXISTING COND.	TO REMAIN
3849	POLE	28.9	12.0	16.9	24.7	4.3	26.2	2.7	620980.236	898887.632	EXISTING COND.	TO REMAIN
5136	FENCE	28.0	13.0	15.1	26.3	1.8	27.3	0.8	620634.279	898871.125	EXISTING COND.	TO REMAIN
5144	FENCE	25.2	13.2	12.1	26.6	-1.4	27.5	-2.3	620839.628	898907.588	EXISTING COND.	TO REMAIN
5152	FENCE	17.5	11.4	6.1	23.6	-6.1	25.5	-8.0	621043.894	898875.731	EXISTING COND.	TO REMAIN
5160	FENCE	26.7	13.0	13.7	26.4	0.3	27.4	-0.6	620703.607	898883.309	EXISTING COND.	TO REMAIN
5168	FENCE	26.3	13.1	13.2	26.6	-0.3	27.5	-1.2	620772.711	898896.745	EXISTING COND.	TO REMAIN
5176	FENCE	23.3	12.8	10.5	26.0	-2.7	27.1	-3.8	620920.548	898906.796	EXISTING COND.	TO REMAIN
5184	FENCE	21.2	12.2	9.0	24.9	-3.7	26.4	-5.2	620990.027	898893.819	EXISTING COND.	TO REMAIN
5192	PRIMARY ROAD	35.1	13.7	21.5	27.5	7.7			620625.54	898893.26	EXISTING COND.	TO REMAIN
5200	PRIMARY ROAD	26.8	12.0	14.8	24.7	2.1			621048.168	898898.239	EXISTING COND.	TO REMAIN
5216	PRIMARY ROAD	34.4	13.8	20.6	27.7	6.7	28.2	6.1	620698.107	898908.148	EXISTING COND.	TO REMAIN
5224	PRIMARY ROAD	33.6	13.9	19.7	27.8	5.8	28.3	5.3	620764.344	898920.607	EXISTING COND.	TO REMAIN
5256	STREET SIGN	25.6	14.1	11.5	28.2	-2.6	28.6	-3.0	620957.797	898955.885	EXISTING COND.	TO REMAIN
5264	STREET SIGN	30.3	14.9	15.4	29.6	0.7	29.5	0.8	620776.376	898957.875	EXISTING COND.	TO REMAIN
5272	STREET SIGN	29.3	14.7	14.5	29.3	0.0	29.3	0.0	620756.45	898948.795	EXISTING COND.	TO REMAIN
5296	TREE	49.0	20.6	28.4	39.2	9.8	35.9	13.1	620943.789	899176.115	EXISTING COND.	TO BE REMOVED
5304	TREE	54.0	26.3	27.7	48.9	5.1	42.4	11.6	620986.188	899378.359	EXISTING COND.	TO BE REMOVED
5312	TREE	55.9	34.0	21.9	62.0	-6.1	51.1	4.8	620912.763	899632.172	EXISTING COND.	TO BE REMOVED
5320	TREE	49.3	23.8	25.5	44.7	4.6	39.6	9.7	620672.34	899249.003	EXISTING COND.	TO BE REMOVED
5328	TREE	46.4	26.1	20.3	48.6	-2.2	42.2	4.2	620544.214	899308.817	EXISTING COND.	TO BE REMOVED
5336	TREE	51.2	39.7	11.4			57.6	-6.4	620773.967	899809.44	EXISTING COND.	TO BE REMOVED
5344	TREE	59.3	41.1	18.2			59.1	0.1	620760.694	899853.977	EXISTING COND.	TO BE REMOVED
5352	TREE	59.2	41.5	17.6			59.7	-0.5	620741.165	899867.311	EXISTING COND.	TO BE REMOVED
5504	TREE	47.3	57.1	-9.8					620870.257	900421.274	EXISTING COND.	TO BE REMOVED
5512	TREE	55.6	55.9	-0.2					620927.124	900385.581	EXISTING COND.	TO BE REMOVED
5528	TREE	50.9	57.5	-6.7					620814.137	900426.672	EXISTING COND.	TO BE REMOVED
5552	TREE	45.7	47.7	-2.0					620451.679	900038.846	EXISTING COND.	TO BE REMOVED
5560	TREE	41.4	48.9	-7.5					620464.823	900082.532	EXISTING COND.	TO BE REMOVED
5568	TREE	41.1	49.9	-8.8					620468.496	900117.485	EXISTING COND.	TO BE REMOVED
5592	TREE	39.9	48.8	-8.9					620446.475	900076.683	EXISTING COND.	TO BE REMOVED
5600	TREE	47.6	36.7	10.9			54.2	-6.5	620472.969	899662.603	EXISTING COND.	TO BE REMOVED
5608	POLE UTIL	44.2	50.0	-5.8					620396.126	900108.23	EXISTING COND.	TO REMAIN
11998	PRIMARY ROAD	32.1	13.8	18.3	27.8	4.3	28.3	3.8	620834.243	898929.565	EXISTING COND.	TO REMAIN
12006	TREE	46.2	14.0	32.2					621096.327	898972.725	EXISTING COND.	TO BE REMOVED
12054	TREE	35.4	19.2	16.2	36.8	-1.4			621048.66	899142.251	EXISTING COND.	TO BE REMOVED
12078	BUSH	34.9	26.1	8.7					621073.168	899385.388	EXISTING COND.	TO BE REMOVED
12086	SECONDARY ROAD	30.9	22.9	7.9					621013.958	899267.84	EXISTING COND.	TO REMAIN
12094	SECONDARY ROAD	21.3	17.2	4.1					620984.019	899065.998	EXISTING COND.	TO REMAIN
17902	TREE	61.9	52.5	9.4					621109.191	900294.886	EXISTING COND.	TO BE REMOVED
17936	TREE	44.6	25.4	19.2					620455.762	899273.851	EXISTING COND.	TO BE REMOVED
17952	TREE	51.9	28.9	23.0	53.3	-1.5			620456.952	899392.666	EXISTING COND.	TO BE REMOVED
17960	TREE	52.7	30.9	21.8	56.7	-4.0			620461.694	899461.191	EXISTING COND.	TO BE REMOVED
17984	TREE	60.3	39.9	20.5			57.8	2.6	620478.98	899772.299	EXISTING COND.	TO BE REMOVED
17992	TREE	50.9	37.7	13.1					620428.876	899691.801	EXISTING COND.	TO BE REMOVED
18000	TREE	48.5	34.9	13.7					620404.254	899590.163	EXISTING COND.	TO BE REMOVED
18026	GROUND	17.5	22.3	-4.8					620622.629	899189.513	EXISTING COND.	TO REMAIN
18034	GROUND	18.5	21.3	-2.8					620742.283	899174.205	EXISTING COND.	TO REMAIN
18042	GROUND	21.7	20.3	1.4					620863.782	899155.089	EXISTING COND.	TO REMAIN
18050	GROUND	24.2	24.5	-0.3					620893.043	899303.032	EXISTING COND.	TO REMAIN
18058	GROUND	23.0	26.0	-3.0					620765.227	899338.218	EXISTING COND.	TO REMAIN
18066	GROUND	24.2	27.4	-3.2					620642.429	899367.459	EXISTING COND.	TO REMAIN
18074	GROUND	26.9	31.8	-4.9					620576.653	899510.429	EXISTING COND.	TO REMAIN
18082	GROUND	32.7	31.9	0.8					620723.776	899533.479	EXISTING COND.	TO REMAIN
18090	GROUND	29.7	29.6	0.1					620854.155	899473.135	EXISTING COND.	TO REMAIN
18106	GROUND	28.7	37.6	-9.0					620951.936	899763.605	EXISTING COND.	TO REMAIN
18162	GROUND	35.0	43.9	-8.9					620839.462	899963.077	EXISTING COND.	TO REMAIN
18170	GROUND	31.9	35.7	-3.8					620788.436	899672.572	EXISTING COND.	TO REMAIN
18178	GROUND	31.9	39.3	-7.4					620862.343	899807.071	EXISTING COND.	TO REMAIN
18186	GROUND	28.9	37.3	-8.4					620527.356	899693.604	EXISTING COND.	TO REMAIN
18194	GROUND	30.9	36.5	-5.6					620654.837	899681.384	EXISTING COND.	TO REMAIN
18202	GROUND	31.6	41.0	-9.5					620662.185	899839.786	EXISTING COND.	TO REMAIN
18781	SECONDARY ROAD	35.8	30.4	5.4					620979.217	899518.563	EXISTING COND.	TO REMAIN
18789	GROUND	23.2	22.6	0.6					621098.652	899266.524	EXISTING COND.	TO REMAIN
18797	GROUND	26.9	30.1	-3.3					621083.146	899524.304	EXISTING COND.	TO REMAIN
24771	STREET SIGN	17.5	12.4	5.2	25.2	-7.7	26.6	-9.1	620691.109	898858.488	EXISTING COND.	TO REMAIN
24781	STREET SIGN	15.9	12.5	3.4	25.5	-9.6			620830.504	898883.036	EXISTING COND.	TO REMAIN
24789	STREET SIGN	12.8	11.7	1.1					620691.109	898858.488	EXISTING COND.	TO REMAIN
24803	STREET SIGN	24.0	14.4	9.7	28.6	-4.6	28.9	-4.8	620924.652	898960.282	EXISTING COND.	TO REMAIN
24811	FENCE	19.2	16.6	2.6					620924.652	898960.282	EXISTING COND.	TO REMAIN
24827	FENCE	16.1	15.1	1.0					620924.652	898960.282	EXISTING COND.	TO REMAIN
24835	VENT PIPE	17.8	14.8	3.0					620924.652	898960.282	EXISTING COND.	TO REMAIN
24902	TREE	56.7	55.4	1.2					620924.652	898960.282	EXISTING COND.	TO BE REMOVED
24928	PRIMARY ROAD	30.0	13.6	16.4	27.4	2.6	28.1	2.0	620948.1	898938.751	EXISTING COND.	TO REMAIN
24971	TREE	37.9	21.0	16.8	40.0	-2.1			620948.1	898938.751	EXISTING COND.	TO BE REMOVED

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MASTER PLAN UPDATE

AIRPORT LAYOUT PLAN
DRAWING SET

No.	Submittal / Revision	App'd.	By	Date

RWY29 Fut Table

Designed By:	Drawn By:	Checked By:
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Issue Date:	Project No:	Scale:
JAN 2021	34877	AS SHOWN

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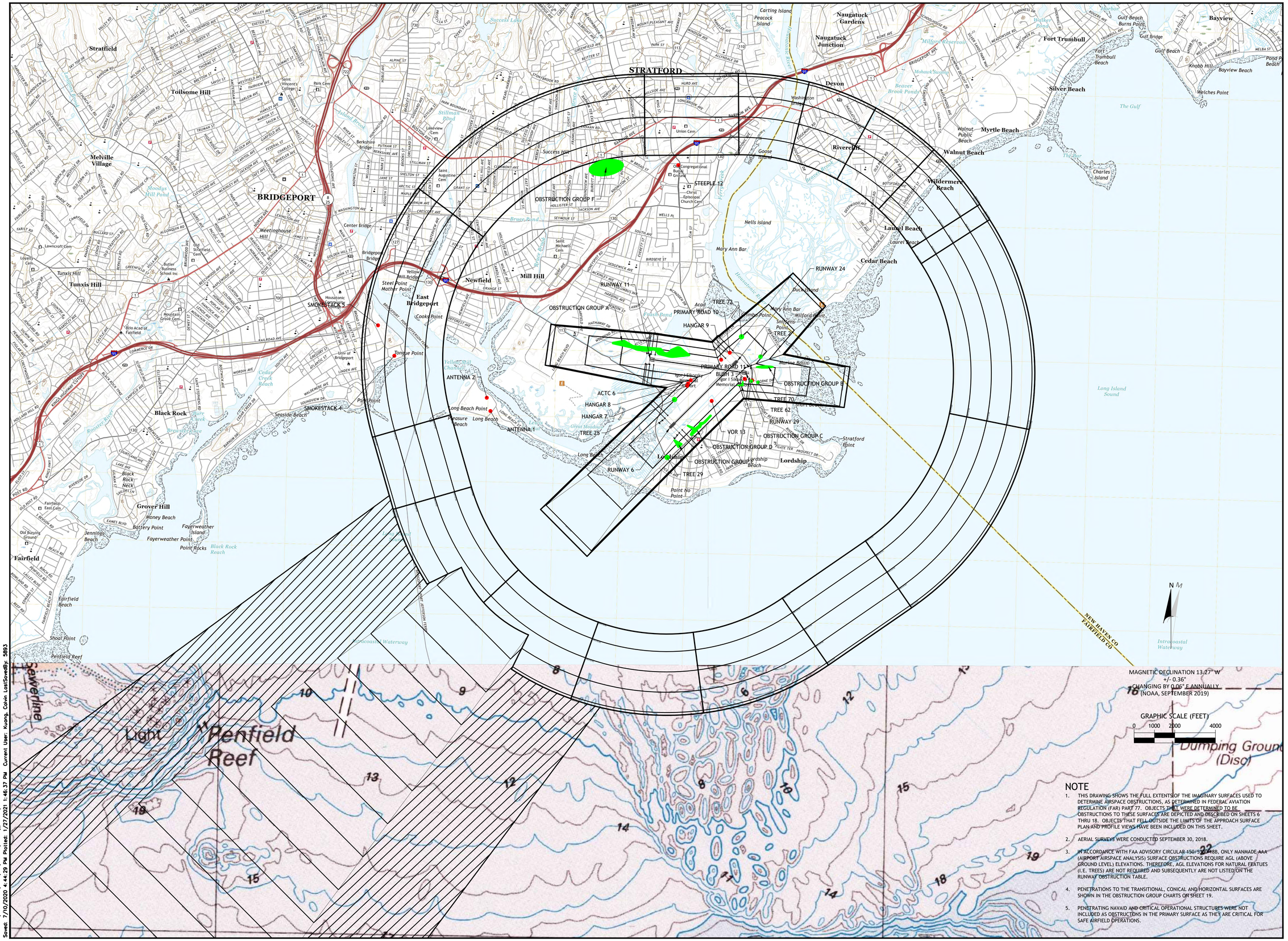

NOTE

1. THIS DRAWING SHOWS THE FULL EXTENTS OF THE IMAGINARY SURFACES USED TO DETERMINE AIRSPACE OBSTRUCTIONS, AS DETERMINED IN FEDERAL AVIATION REGULATION (FAR) PART 77. OBJECTS THAT WERE DETERMINED TO BE OBSTRUCTIONS TO THESE SURFACES ARE DEPICTED AND DESCRIBED ON SHEETS 6 THRU 18. OBJECTS THAT FELL OUTSIDE THE LIMITS OF THE APPROACH SURFACE PLAN AND PROFILE VIEWS HAVE BEEN INCLUDED ON THIS SHEET.
2. AERIAL SURVEYS WERE CONDUCTED SEPTEMBER 30, 2018.
3. IN ACCORDANCE WITH FAA ADVISORY CIRCULAR 150/5300-18B, ONLY MANMADE AAA (AIRPORT AIRSPACE ANALYSIS) SURFACE OBSTRUCTIONS REQUIRE AGL (ABOVE GROUND LEVEL) ELEVATIONS. THEREFORE, AGL ELEVATIONS FOR NATURAL FEATUES (I.E. TREES) ARE NOT REQUIRED AND SUBSEQUENTLY ARE NOT LISTED ON THE RUNWAY OBSTRUCTION TABLE.
4. PENETRATIONS TO THE TRANSITIONAL, CONICAL AND HORIZONTAL SURFACES ARE SHOWN IN THE OBSTRUCTION GROUP CHARTS ON SHEET 19.
5. PENETRATING NAVAID AND CRITICAL OPERATIONAL STRUCTURES WERE NOT INCLUDED AS OBSTRUCTIONS IN THE PRIMARY SURFACE AS THEY ARE CRITICAL FOR SAFE AIRFIELD OPERATIONS.

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MASTER PLAN UPDATE

AIRPORT LAYOUT PLAN DRAWING SET

No.	Submittal / Revision	App'd.	By	Date

AIRPORT AIRSPACE PLAN

Designed By:	Drawn By:	Checked By:
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Issue Date:	Project No:	Scale:
JAN 2021	34877	AS SHOWN

Drawing No.:

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File: V:\PROJECTS\AVYK\34877\CADD_ACAD\BDR-ALP-EXISTING AIRSPACE.DWG
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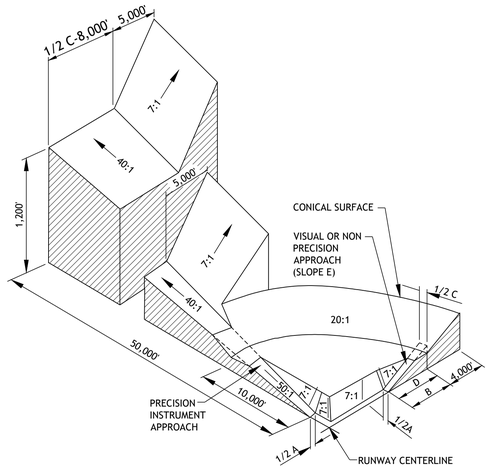

ISOMETRIC VIEW OF SECTION

77.25 CIVIL AIRPORT IMAGINARY SURFACES

DIM	ITEM	VISUAL RUNWAY		NON-PRECISION INSTRUMENT RUNWAY			PRECISION INSTRUMENT RUNWAY
					B		
		A	B	A	C	D	
A	WIDTH OF PRIMARY SURFACE AND APPROACH SURFACE WIDTH AT INNER END	250	500	500	500	1,000	1,000
B	RADIUS OF HORIZONTAL SURFACE	5,000	5,000	5,000	10,000	10,000	10,000
		VISUAL RUNWAY		NON-PRECISION INSTRUMENT RUNWAY			PRECISION INSTRUMENT RUNWAY
					B		
		A	B	A	C	D	
C	APPROACH SURFACE WIDTH AT END	1,250	1,500	2,000	3,500	4,000	16,000
D	APPROACH SURFACE LENGTH	5,000	5,000	5,000	10,000	10,000	50,000*
E	APPROACH SLOPE	20:1	20:1	20:1	34:1	34:1	50:1 / 40:1*

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

OBSTRUCTION GROUP A	OBJECT	NORTHING	EASTING	OBJECT ELEVATION	PART 77 ELEVATION	PENETRATION (FT.)	GROUND ELEVATION	SURFACE
MINIMUM PENETRATIONS	TREE 53	622117.4	895226.9	79.91'	79.22	0.69	NOT AVAIL.	TRANSITIONAL
MAXIMUM PENETRATION	TREE 34	622290.03	892298.12	91.58'	57.6	33.98	NOT AVAIL.	TRANSITIONAL
AVERAGE PENETRATION	---	---	---	---	---	12.89	---	---

OBSTRUCTION GROUP B	OBJECT	NORTHING	EASTING	OBJECT ELEVATION	PART 77 ELEVATION	PENETRATION (FT.)	GROUND ELEVATION	SURFACE
MINIMUM PENETRATIONS	TREE 7	621186.92	899594.46	47.74'	44.44	3.3	NOT AVAIL.	TRANSITIONAL
MAXIMUM PENETRATION	TREE 60	621168.51	899662.44	68.04'	43.76	24.28	NOT AVAIL.	TRANSITIONAL
AVERAGE PENETRATION	---	---	---	---	---	13.54	---	---

OBSTRUCTION GROUP C	OBJECT	NORTHING	EASTING	OBJECT ELEVATION	PART 77 ELEVATION	PENETRATION (FT.)	GROUND ELEVATION	SURFACE
MINIMUM PENETRATIONS	TREE 26	620256.72	898380.97	66.89'	65.92	0.96	NOT AVAIL.	TRANSITIONAL
MAXIMUM PENETRATION	TREE 98	620273.73	898195.12	71.82'	62.37	9.45	NOT AVAIL.	TRANSITIONAL
AVERAGE PENETRATION	---	---	---	---	---	4.32	---	---

OBSTRUCTION GROUP D	OBJECT	NORTHING	EASTING	OBJECT ELEVATION	PART 77 ELEVATION	PENETRATION (FT.)	GROUND ELEVATION	SURFACE
MINIMUM PENETRATIONS	TREE 20	617877.05	895962.9	82.32'	81.13	1.19	NOT AVAIL.	TRANSITIONAL
MAXIMUM PENETRATION	TREE 15	618283.23	896279.3	93.73'	71.72	22.01	NOT AVAIL.	TRANSITIONAL
AVERAGE PENETRATION	---	---	---	---	---	13.01	---	---

OBSTRUCTION GROUP E	OBJECT	NORTHING	EASTING	OBJECT ELEVATION	PART 77 ELEVATION	PENETRATION (FT.)	GROUND ELEVATION	SURFACE
MINIMUM PENETRATIONS	TREE 10	617250.73	895255.78	73.95'	72.83	1.12	NOT AVAIL.	TRANSITIONAL
MAXIMUM PENETRATION	TREE 9	617571.33	895037.72	29.74'	18.48	11.26	NOT AVAIL.	TRANSITIONAL
AVERAGE PENETRATION	---	---	---	---	---	4.66	---	---

OBSTRUCTION GROUP F	OBJECT	NORTHING	EASTING	OBJECT ELEVATION	PART 77 ELEVATION	PENETRATION (FT.)	GROUND ELEVATION	SURFACE
MINIMUM PENETRATIONS	TREE 3	630897.8	891334.04	178.64'	156.81	21.83	NOT AVAIL.	HORIZONTAL
MAXIMUM PENETRATION	TREE 4	631072.54	892134.73	180.60'	156.81	23.79	NOT AVAIL.	HORIZONTAL
AVERAGE PENETRATION	---	---	---	---	---	22.81	---	---

INDIVIDUAL POINTS							
OBJECT	NORTHIING	EASTING	OBJECT ELEVATION	PART 77 ELEVATION	PENETRATION (FT.)	GROUND ELEVATION	SURFACE
TREE 29	616725.7	894690.5	74.60'	68.14	6.46	NOT AVAIL.	TRANSITIONAL
TREE 62	620479.8	898827.65	38.07'	27.98	10.09	NOT AVAIL.	TRANSITIONAL
TREE 70	620418.82	899157.23	39.36'	32.65	6.71	NOT AVAIL.	TRANSITIONAL
TREE 2	621679.88	899279.2	65.80'	41.16	24.64	NOT AVAIL.	TRANSITIONAL
TREE 25	619575.31	895053.43	55.20'	53.45	1.75	NOT AVAIL.	TRANSITIONAL
TREE 72	622660.05	898346.77	76.44'	47.74	28.7	NOT AVAIL.	TRANSITIONAL
ANTENNA 1	619007.97	886001.05	315.06	156.81	158.25	NOT AVAIL.	HORIZONTAL
ANTENNA 2	619660.94	885821.71	315.32	156.81	158.51	NOT AVAIL.	HORIZONTAL
BUSH 3	620589.32	898508.23	17.83	16.33	1.51	NOT AVAIL.	TRANSITIONAL
SMOKESTACK 4	621725.09	881275	319.78	276.06	43.71	NOT AVAIL.	CONICAL
SMOKESTACK 5	623222.95	880474.23	508.92	321.14	187.78	NOT AVAIL.	CONICAL
CONTROL TOWER 6	620518.86	895853.86	87.86	68.61	19.25	NOT AVAIL.	TRANSITIONAL
HANGAR 7	620250.26	895675.27	60.45	59.34	1.11	NOT AVAIL.	TRANSITIONAL
HANGAR 8	620363.79	895720.77	71.72	66.27	5.45	NOT AVAIL.	TRANSITIONAL
HANGAR 9	621531.67	897344.6	42.7	21.34	21.36	NOT AVAIL.	TRANSITIONAL
PRIMARY ROAD 10	621876.82	897769.86	22.8	13.56	9.24	NOT AVAIL.	TRANSITIONAL
PRIMARY ROAD 11	620515.19	898870.76	35.4	22.41	13	NOT AVAIL.	TRANSITIONAL
STEEPLE 12	631107.18	895236.63	170.11	156.81	13.3	NOT AVAIL.	HORIZONTAL
VOR 13	619504.18	896880.69	35.98	8.3	27.69	NOT AVAIL.	TRANSITIONAL

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MASTER PLAN UPDATE

AIRPORT LAYOUT PLAN DRAWING SET

No.	Submittal / Revision	App'd.	By	Date

AIRSPACE OBSTRUCTIONS

Designed By:	Drawn By:	Checked By:
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Issue Date:	Project No:	Scale:
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MASTER PLAN UPDATE

AIRPORT LAYOUT PLAN
DRAWING SET

No.	Submittal / Revision	App'd.	By	Date

LAND USE PLAN

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Drawing No.:
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N

MAGNETIC DECLINATION 13.27° W
+/- 0.36°
CHANGING BY 0.06° E ANNUALLY
(NOAA, SEPTEMBER 2019)

GRAPHIC SCALE (FEET)
0 250 500 1000

LEGEND

- AIRPORT DEVELOPMENT DISTRICT
- RESIDENTIAL
- COMMERCIAL
- OPEN WATER
- INDUSTRIAL
- CHURCH/CEMETERY
- SCHOOL
- PROTECTED OPEN SPACE
- VACANT OPEN SPACE
- AIPORT PROPERTY LINE

Sources:
FHI, June 2019
Noise Exposure Map Update Final Report, HMMH, 2020

COVENANT LIFE MINISTRIES
PHILADELPHIA CHURCH
GREAT MEADOWS PARK
GREAT MEADOWS MARSH
SHORT BEACH PARK
LONG ISLAND SOUND
ST JOSEPH'S CURCH
LORDSHIP COMMUNITY CHURCH
GREG ACKLEY PARK
LORDSHIP ELEMENTARY SCHOOL
OUR LADY OF PEACE CHURCH
LORDSHIP PARK

75 DNL
70 DNL
65 DNL
60 DNL

RPZ
RSA
ROFA

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MASTER PLAN UPDATE

AIRPORT LAYOUT PLAN
DRAWING SET

No.	Submittal / Revision	App'd.	By	Date

AIRPORT PROPERTY MAP

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