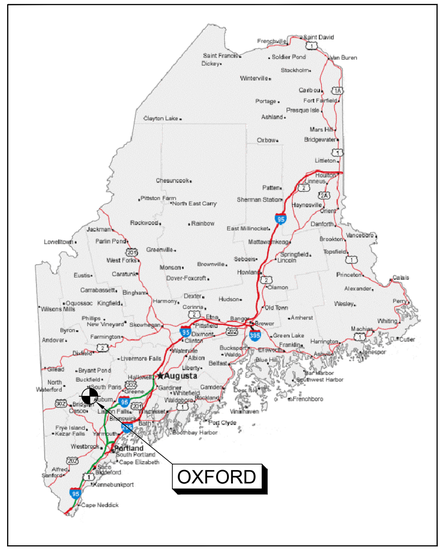
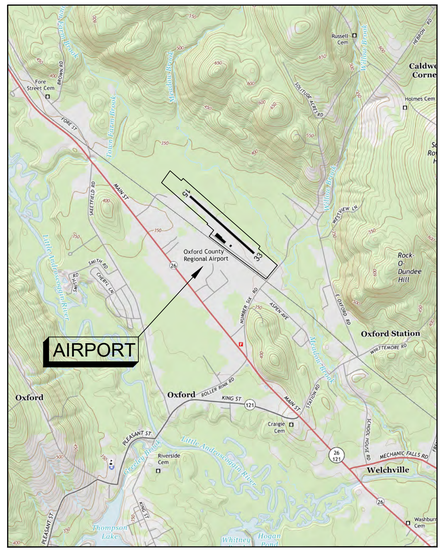
OXFORD COUNTY REGIONAL AIRPORT (81B)
OXFORD, MAINE

AIRPORT MASTER PLAN UPDATE

AIP PROJECT NO. 3-23-0033-11-2016



LOCATION MAP



VICINITY MAP

INDEX OF SHEETS

1	TITLE SHEET
2	AIRPORT EXISTING FACILITIES
3	AIRPORT LAYOUT PLAN ULTIMATE FACILITIES
4	AIRPORT LAYOUT PLAN DATA SHEET
5	TERMINAL AREA PLAN
6	RUNWAY 15-33 PLAN AND PROFILE
7	FAR PART 77 AND TERPS SURFACES
8	LAND USE PLAN
9	EXHIBIT "A" PROPERTY MAP

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Portland, ME
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		RDY	10/29/20
		By	Date
	DRAFT FINAL SUBMISSION		
	Description		
Rev.			

MAINE

OXFORD COUNTY REGIONAL AIRPORT
AIP PROJECT NO. 3-23-0033-11-2016

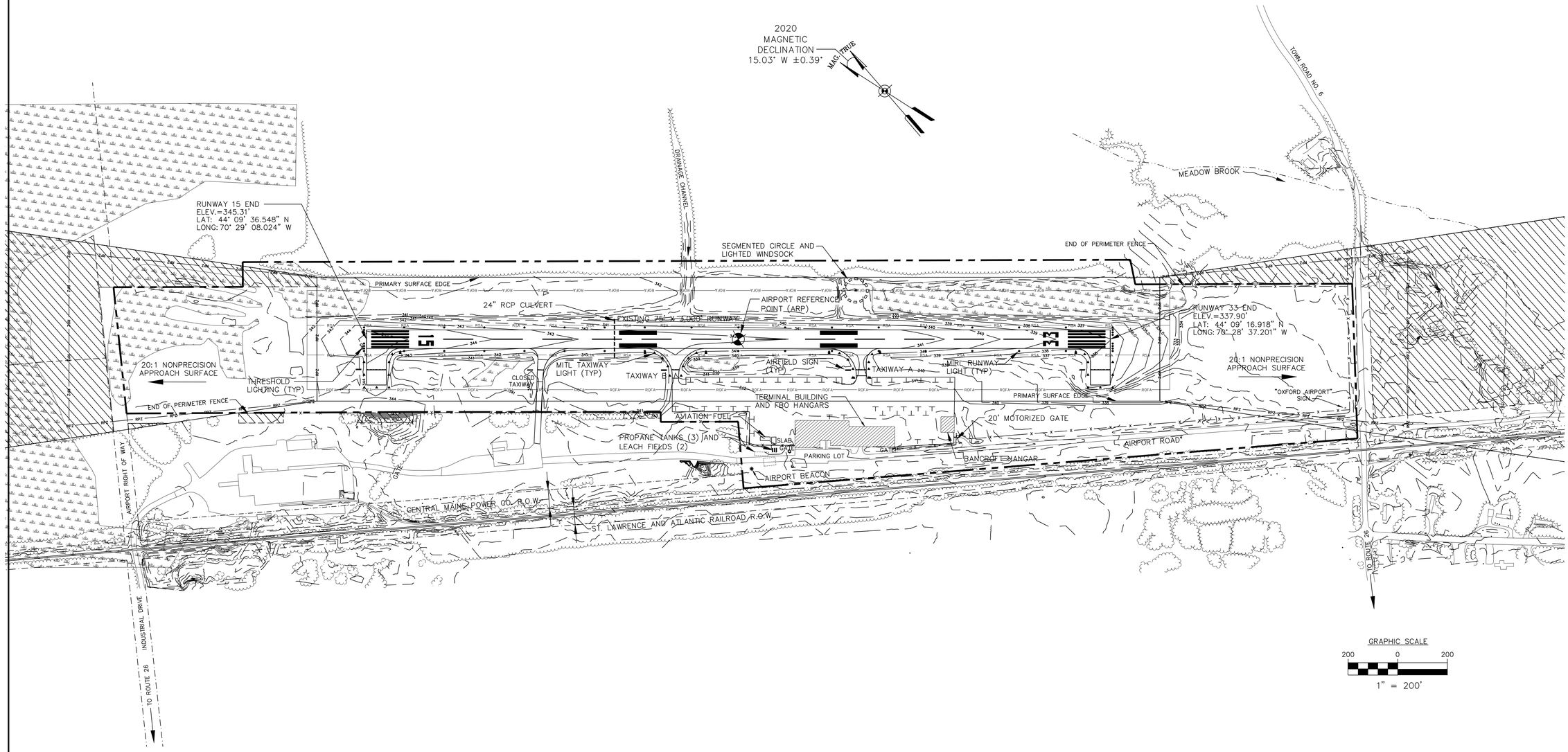
TITLE SHEET

OXFORD

Project No.	0903
Proj. Manager	RDY/ARNOLD
Proj. Designer	RDY/ARNOLD
Drawn By	RDY
Checked By	RDY
Scale	NONE
Approved	RDY
Date	10/29/2020

Sheet 1 of 9

D 1 Title Sheet



NOTES:

1. DATA IS BASED ON RUNWAY 15-33 RECONSTRUCTION PROJECT AS-BUILTS FOR AIP PROJECT NO. 3-23-0033-07-2008 DATED MAY 10, 2010.
2. DATA IS BASED ON FAA FORM 5010 DATED JULY 31, 2020.
3. THE AIRPORT PROPERTY AND EASEMENT LINES ARE BASED ON THE AIRPORT EXHIBIT 'A' DATED MAY 14, 2019, AND THEY DO NOT REPRESENT CLOSED BOUNDARY SURVEYS.
4. FOR CLARITY, THE SCHIAVI EASEMENT THAT OVERLAYS AIRPORT ROAD IS NOT DEPICTED. SEE AIRPORT EXHIBIT 'A' PARCEL NO. 22.
5. SEE SHEET 4 FOR AIRPORT DESIGN CRITERIA DIMENSIONS.

EXISTING RUNWAY DATA

	RUNWAY 15	RUNWAY 33
RUNWAY END GEOGRAPHIC COORDINATES (NAD83) [1]	LAT. 44° 09' 36.548"N LONG. 70° 29' 08.024"W	LAT. 44° 09' 16.918"N LONG. 70° 28' 37.201"W
RUNWAY THRESHOLD ELEVATION (MSL) [1]	345.31'	337.90'
TRUE BEARING	S 164° 34' 00" E	N 15° 26' 00" W
SURFACE MATERIAL	P-401 BITUMINOUS CONCRETE	P-401 BITUMINOUS CONCRETE
PAVEMENT STRENGTH [2]	25,000 LBS SINGLE WHEEL	25,000 LBS SINGLE WHEEL
EFFECTIVE GRADIENT	-0.25%	+0.25%
APPROACH CATEGORY	NONPRECISION	NONPRECISION
LOWEST APPROACH MINIMUMS - VISIBILITY - MDA	1 MILE 900' MSL	1 MILE 1,120' MSL
VISUAL AIDS	AIRPORT BEACON, SEGMENTED CIRCLE, LIGHTED WINDSOCK	AIRPORT BEACON, SEGMENTED CIRCLE, LIGHTED WINDSOCK
NAVIGATIONAL AIDS	RNAV GPS	RNAV GPS
RUNWAY LIGHTING	MIRLS	MIRLS
RUNWAY MARKINGS	NONPRECISION WITH AIMING POINT MARKINGS	NONPRECISION WITH AIMING POINT MARKINGS
AIRCRAFT APPROACH CATEGORY	A	A
AIRPLANE DESIGN GROUP	I (SMALL AIRCRAFT)	I (SMALL AIRCRAFT)
CRITICAL AIRCRAFT	CESSNA 401A	CESSNA 401A
CRITICAL AIRCRAFT WING SPAN	39' - 10"	39' - 10"
CRITICAL AIRCRAFT APPROACH SPEED	90 KNOTS	90 KNOTS
CRITICAL AIRCRAFT MTOW	6,300 LBS	6,300 LBS

EXISTING AIRPORT DATA

RUNWAY WIDTH	75'
RUNWAY LENGTH	3,000'
AIRPORT ELEVATION (MSL)	345'
AIRPORT REFERENCE POINT (ARP) GEOGRAPHIC COORDINATES [1]	LAT. 44° 09' 26.733"N LONG. 70° 28' 52.612"W
AIRPORT REFERENCE POINT ELEVATION (MSL) [1]	342.06'
AVERAGE MAXIMUM TEMPERATURE (HOTTEST MONTH)	80° F
DISTANCE FROM TOWN OF OXFORD	2 MILES NORTH EAST
AIRPORT LAND OWNED [3]	70 ACRES
AIRPORT EASEMENTS [3]	89 ACRES
COUNTY LAND DEDICATED FOR AIRPORT USE [3]	8 ACRES
RUNWAY CLASSIFICATION	UTILITY
NPIAS OPERATIONAL ROLE	GENERAL AVIATION - BASIC
OWNER	COUNTY OF OXFORD, MAINE

LEGEND

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	AIRPORT PROPERTY LINE [3]		WETLAND
RSA	RUNWAY SAFETY AREA [4]		AVIGATION EASEMENT [3]
ROFA	RUNWAY OBJECT FREE AREA [5]	2,000 2,000 RPZ RPZ	RUNWAY PROTECTION ZONE [5]
x x x	AIRPORT PERIMETER FENCE		
	TREE AND BRUSH LINE		
	PAVED TIE DOWN		

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By	Date
RDY	10/29/20

Rev.	Description
	DRAFT FINAL SUBMISSION

OXFORD COUNTY REGIONAL AIRPORT
AIP PROJECT NO. 3-23-0033-11-2016

AIRPORT EXISTING FACILITIES

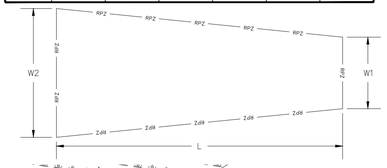
OXFORD MAINE

Project No.	0903
Proj. Manager	RDYARNOLD
Proj. Designer	RDYARNOLD
Drawn By	RDY
Checked By	RDY
Scale	NONE
Approved	RDY
Date	10/29/2020

Sheet 2 of 9
D 2 Existing Airport

RUNWAY PROTECTION ZONE DATA

RUNWAY END	EXISTING			ULTIMATE		
	LENGTH (L)	WIDTH (W1)	WIDTH (W2)	LENGTH (L)	WIDTH (W1)	WIDTH (W2)
15	1,000'	250'	450'	SAME	SAME	SAME
33	1,000'	250'	450'	SAME	SAME	SAME



FEDERAL AVIATION ADMINISTRATION

This Airport Layout Plan is hereby approved.

Signature _____ Date _____

Name Ralph Nicosia-Rusin

Title Airport Capacity Program Manager

MAINE DEPARTMENT OF TRANSPORTATION

This Airport Layout Plan is hereby approved.

Signature _____ Date _____

Name Mary Ann Hayes

Title Aviation Director

COUNTY OF OXFORD, MAINE

This Airport Layout Plan is hereby approved.

Signature _____ Date _____

Name _____

Title County Commissioner

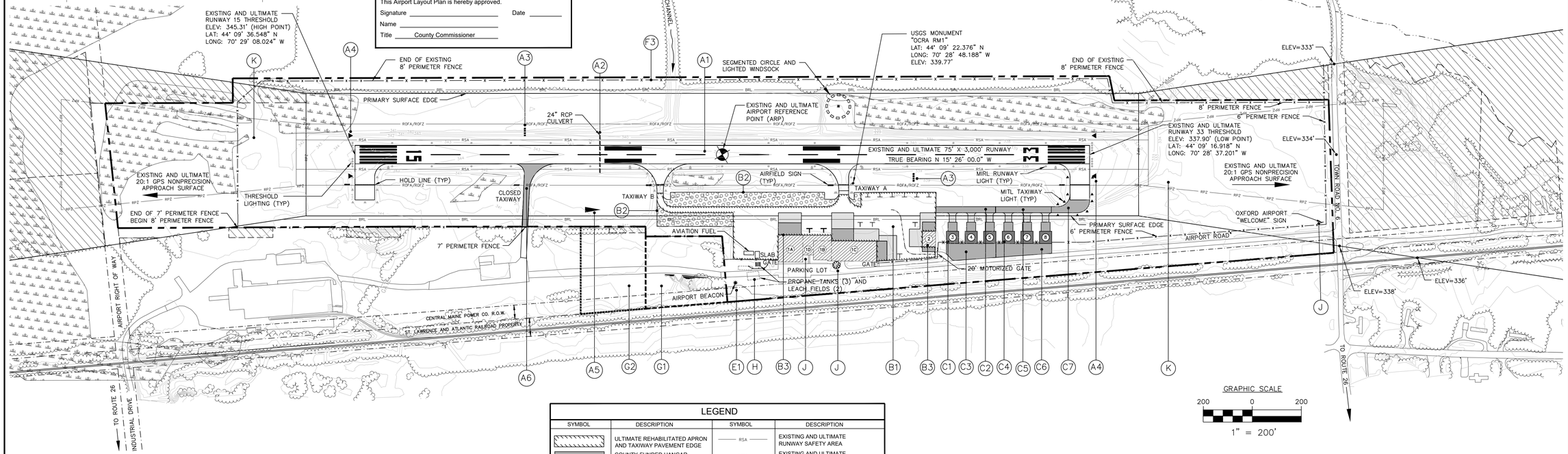
GENERAL NOTES:

1. DATA IS BASED ON RUNWAY 15-33 RECONSTRUCTION PROJECT AS-BUILTS FOR AIP PROJECT NO. 3-23-0033-07-2008 DATED MAY 10, 2010.
2. DATA IS BASED ON FAA FORM 5010 DATED JULY 31, 2020.
3. THE AIRPORT PROPERTY AND EASEMENT LINES ARE BASED ON THE AIRPORT EXHIBIT 'A' DATED MAY 14, 2019, AND THEY DO NOT REPRESENT CLOSED BOUNDARY SURVEYS.
4. FOR CLARITY, THE EASEMENT THAT OVERLAYS AIRPORT ROAD IS NOT DEPICTED. SEE AIRPORT EXHIBIT 'A' PARCEL NO. 22.
5. SEE SHEET 4 FOR ADDITIONAL AIRPORT DESIGN CRITERIA DIMENSIONS.
6. SEE SHEET 5 FOR TAXIWAY AND TERMINAL AREA IMPROVEMENT DETAILS

OCTOBER 2020
MAGNETIC
DECLINATION
15.03° W ± 0.39°

AIRPORT BUILDINGS

ID NO.	DESCRIPTION	ELEV.
1A	EXISTING FBO HANGAR "A"	367.5'
1B	EXISTING FBO HANGAR "B"	367.5'
1C	EXISTING FBO HANGAR "C"	376.0'
1D	EXISTING TERMINAL BUILDING AND OFFICE SPACE	367.5'
2	EXISTING PRIVATE HANGAR	367.5'
3 - 5	FUTURE PRIVATE HANGARS	TBD
6 - 8	FUTURE PRIVATE HANGARS	TBD



GRAPHIC SCALE

200 0 200

1" = 200'

LEGEND

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	ULTIMATE REHABILITATED APRON AND TAXIWAY PAVEMENT EDGE	RSA	EXISTING AND ULTIMATE RUNWAY SAFETY AREA
	COUNTY-FUNDED HANGAR FRONTAGE PAVEMENT	ROFA	EXISTING AND ULTIMATE RUNWAY OBJECT FREE AREA
	COUNTY-FUNDED APRON ACCESS PAVEMENT	ROFZ	EXISTING AND ULTIMATE RUNWAY OBSTACLE FREE ZONE
	SURPLUS APRON PAVEMENT AND TIEDOWNS TO BE REMOVED	BRL	EXISTING AND ULTIMATE BUILDING RESTRICTION LINE
T	EXISTING AND ULTIMATE BASED AIRCRAFT TIEDOWN	Z49 RPZ	EXISTING AND ULTIMATE RUNWAY PROTECTION ZONE
T	ULTIMATE ITINERANT AIRCRAFT TIEDOWN	345	EXISTING GROUND CONTOUR
10	EXISTING AIRPORT BUILDING OR HANGAR	ELEV=333'	EXISTING AND ULTIMATE ACTUAL SPOT GRADE ELEVATION
3	ULTIMATE HANGARS		EXISTING AND ULTIMATE AVIGATION EASEMENT
	EXISTING WETLANDS		ULTIMATE PROPERTY ACQUISITION GROWTH SCENARIO NO. 1
	EXISTING TREE/BRUSH LINE		ULTIMATE PROPERTY ACQUISITION GROWTH SCENARIO NO. 2
	AIRPORT PROPERTY LINE		
	FUEL TRUCK ACCESS ROUTE		
	RIGHT OF WAY		
x x	EXISTING PERIMETER FENCE 6' TO 8' HIGH		
x x	ULTIMATE PERIMETER FENCE 8' HIGH		

RUNWAY 15-33 DATA

DATA ITEM	EXISTING RUNWAY	ULTIMATE RUNWAY
PAVEMENT STRENGTH	25,000 LBS SINGLE WHEEL	SAME
SURFACE MATERIAL	BITUMINOUS CONCRETE	SAME
RUNWAY EDGE LIGHTING	MIRLS AND THRESHOLD LIGHTS	SAME
SHOULDER WIDTH	10'	SAME
RUNWAY MARKING	RUNWAY 15: NON-PRECISION AND AIMING POINTS RUNWAY 33: NON-PRECISION AND AIMING POINTS	SAME SAME
RUNWAY SAFETY AREA DIMENSIONS	WIDTH: 120' LENGTH: 240' BEYOND ENDS OF RUNWAY	SAME
RUNWAY OBJECT FREE AREA DIMENSIONS	WIDTH: 250' LENGTH: 240' BEYOND ENDS OF RUNWAY	SAME
RUNWAY OBSTACLE FREE ZONE DIMENSIONS	WIDTH: 250' LENGTH: 200' BEYOND ENDS OF RUNWAY	SAME
EFFECTIVE GRADIENT (%)	RUNWAY 15: - 0.25% RUNWAY 33: + 0.25%	SAME SAME
CLASSIFICATION/APPROACH CATEGORY	RUNWAY 15: UTILITY/NON-PRECISION RUNWAY 33: UTILITY/NON-PRECISION	SAME SAME
VISUAL AIDS	RUNWAY 15: AIRPORT BEACON, SEGMENTED CIRCLE, LIGHTED WINDSOCK RUNWAY 33: AIRPORT BEACON, SEGMENTED CIRCLE, LIGHTED WINDSOCK	RUNWAY 15: SAME AND REILS RUNWAY 33: SAME AND REILS
RUNWAY DESIGN CODE (RDC)	A-1-5000	SAME
NAVIGATIONAL AIDS	RUNWAY 15: GPS RUNWAY 33: GPS	SAME SAME
APPROACH MINIMUMS	RUNWAY 15: 1 MILE VISIBILITY & 900' MDA RUNWAY 33: 1 MILE VISIBILITY & 1,120' MDA	SAME SAME
DESIGNATED INSTRUMENT RUNWAY (LOWEST MINIMUMS)	RUNWAY 15: GPS	SAME
AIRCRAFT APPROACH CATEGORY	A	SAME
AIRPLANE DESIGN GROUP (SMALL AIRCRAFT)	I	SAME
DESIGN AIRCRAFT (WING SPAN)	CESSNA 401A (39'-10")	SAME
DESIGN AIRCRAFT APPROACH SPEED	90 KTS	SAME
DESIGN AIRCRAFT MTOW	6,300 LBS	SAME
TAXIWAY LIGHTING	MITLS AND SIGNS	MITLS, SIGNS AND REFLECTORS

BASIC AIRPORT DATA

ITEM	EXISTING	ULTIMATE
FAA SITE NUMBER	08193.*A	SAME
AIRPORT ELEVATION (MSL)	345'	SAME
AIRPORT REFERENCE POINT (ARP)	LAT. 44° 09' 22.376" N LONG. 70° 28' 48.188" W ELEV. 339.77'	SAME SAME SAME
MEAN MAXIMUM TEMPERATURE OF HOTTEST MONTH	80°F	SAME
NAVIGATIONAL AIDS	RUNWAY 33: GPS RUNWAY 15: GPS	RUNWAY 33: GPS RUNWAY 15: GPS
DISTANCE FROM TOWN OF OXFORD	2 MILES NORTH EAST	SAME
AIRPORT LAND OWNED (ACRES)	70	70 (1)
AIRPORT EASEMENTS (ACRES)	89	89 (2)
COUNTY LAND DEDICATED FOR AIRPORT USE (ACRES)	8	8
OWNER	COUNTY OF OXFORD, ME	SAME
OPERATIONAL ROLE (NPIAS)	GENERAL AVIATION - BASIC	SAME
MAG. DECLINATION (OCTOBER 2020)	15.03° W +/- 0.39°	ANNUAL CHANGE: 0.09° E
AIRPORT REFERENCE CODE	A-I (SMALL AIRCRAFT)	SAME

BASIC AIRPORT DATA NOTES:

1. AIRPORT LAND ACREAGE WOULD INCREASE BY APPROXIMATELY 4.2 ACRES IF ADJACENT LAND IS ACQUIRED FOR ULTIMATE GROWTH SCENARIO NOS. 1 AND 2
2. AIRPORT EASEMENT ACREAGE WOULD INCREASE IF THE FAA REQUIRES CLEARING OF THE 40:1 DEPARTURE SURFACES

AIRPORT DEVELOPMENT

A	RUNWAY 15-33 IMPROVEMENTS
A1	Rehabilitate the Runway 15-33 pavement
A2	Study the Runway 15-33 drainage, and repair or remove the 24" RCP culvert
A3	Study and install Precision Approach Path Indicators (PAPI) on Runway 15 and Runway 33
A4	Install runway end identifier lights (REILS) on Runway 15 and Runway 33
A5	Install a lighted supplemental windsock at the approach end of Runway 15
A6	Remove the closed taxiway pavement, culverts, and airfield guidance sign, and regrade the area to match adjacent turf area
B	TERMINAL APRON PAVEMENT IMPROVEMENTS
B1	Rehabilitate the terminal apron pavement and taxilanes including markings, signs, and edge lighting (See Notes 1 and 2)
B2	Remove surplus apron pavement and tiedowns located at the northerly end of the terminal apron
B3	Install obstruction lights on the highest points of FBO Hangars 1A, 1B, and 1C, the Terminal Building 1D, and Hangar 2
C	HANGAR DEVELOPMENT
C1	Construct Hangars 3-5 including hangar frontage pavement, taxilane access pavement, and hangar taxilane pavement to access the terminal apron
C2	Construct an extension of the terminal apron taxilane for access to Hangars 3-5
C3	Construct automobile parking for Hangars 3-5, and install perimeter fence between hangars to secure the airport
C4	Construct Hangars 6-8 including hangar frontage pavement, taxilane access pavement, and hangar taxilane pavement to access the terminal apron
C5	Construct an extension of the terminal apron taxilane for access to Hangars 6-8
C6	Construct automobile parking for Hangars 6-8, and install perimeter fence between hangars to secure the airport
C7	Construct a parallel taxiway from the Runway 33 turnaround to the hangar taxilane
D	ACQUIRE GARD AVIATION COMMUNICATION MONITORING SYSTEM
E	BEACON AND AIRFIELD LIGHTING IMPROVEMENTS
E1	Rehabilitate the rotating beacon, and replace the airfield lighting radio controller (not depicted on plan)
E2	Replace Whitney Hill obstruction light OL #4 with an LED hazard beacon, and remove the abandoned hilltop obstruction lights OL #1-3 (See Note 4)
F	AIRPORT SAFETY AND SECURITY IMPROVEMENTS
F1	Complete an Airport Security Manual and an Airport Minimum Standards Manual (not depicted on drawing)
F2	Install apron security cameras and apron lighting (not depicted on drawing)
F3	Install airport perimeter fence along the Airport's easterly property line to fully enclose airport operational facilities area (approximately 3,260 linear feet)
G	LONG-TERM AVIATION DEVELOPMENT LAND ACQUISITION
G1	Purchase land abutting the west side of the airport to accommodate Ultimate Growth Scenario No. 1 (approximately 2.1 acres)
G2	Purchase land abutting the west side of the airport to accommodate Ultimate Growth Scenario No. 2 (approximately 2.1 acres)
H	Investigate and repair as necessary two leach fields (after Ultimate Growth Scenario No. 1 land acquisition)
J	Improve or replace the existing airport signs, and upgrade the terminal building entrance and landscaping
K	Study and acquire as necessary avigation easements for the Runway 15-33 40:1 Instrument Departure Surfaces (not depicted on plan)

AIRPORT DEVELOPMENT NOTES:

1. The terminal apron pavement improvements include both AIP-eligible and 100% County-funded areas of pavement.
2. Ultimate taxiway and taxilane edge lighting may consist of lights and reflectors
3. For clarity, Airport Improvements Group Letter "I" is not used.
4. See Sheet 7 for locations of hilltop obstruction light and easement locations

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BACS@maine.rr.com

Date	By	Description	Rev.
10/29/20	RDY	DRAFT FINAL SUBMISSION	

MAINE

OXFORD COUNTY REGIONAL AIRPORT
AIP PROJECT NO. 3-23-0033-11-2016

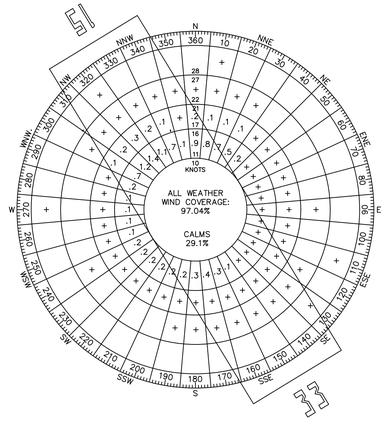
AIRPORT LAYOUT PLAN

OXFORD

Project No.	0903
Proj. Manager	RDYARNOLD
Proj. Designer	RDYARNOLD
Drawn By	RDY
Checked By	RDY
Scale	NONE
Approved	RDY
Date	10/29/2020

Sheet 3 of 9

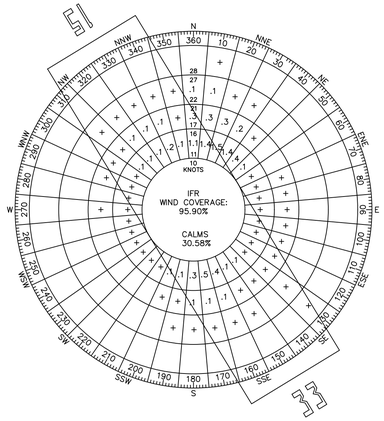
D | 3 UALP



ALL WEATHER WIND ROSE
APPROACH CATEGORY A

WIND DATA SUMMARY			
CROSSWIND COVERAGE	RUNWAY 15-33	RUNWAY 15	RUNWAY 33
10.5 KNOTS	97.04 %	95.64 %	88.55 %

STATION: AUBURN/LEWISTON MUNICIPAL AIRPORT (LEW) #726184
SOURCE: NATIONAL CLIMATIC DATA CENTER AND NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
PERIOD OF OBSERVATION: 2009 - 2018
OBSERVATIONS: 213,879

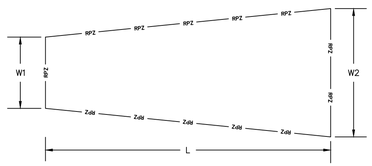


IFR WIND ROSE
APPROACH CATEGORY A

WIND DATA SUMMARY			
CROSSWIND COVERAGE	RUNWAY 15-33	RUNWAY 15	RUNWAY 33
10.5 KNOTS	95.90 %	94.10 %	92.54 %

STATION: AUBURN/LEWISTON MUNICIPAL AIRPORT (LEW) #726184
SOURCE: NATIONAL CLIMATIC DATA CENTER AND NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
PERIOD OF OBSERVATION: 2009 - 2018
OBSERVATIONS: 35,998

RUNWAY PROTECTION ZONE DATA						
RUNWAY END	EXISTING			ULTIMATE		
	LENGTH (L)	WIDTH (W1)	WIDTH (W2)	LENGTH (L)	WIDTH (W1)	WIDTH (W2)
15	1,000'	250'	450'	SAME	SAME	SAME
33	1,000'	250'	450'	SAME	SAME	SAME



FAR PART 77 APPROACH DATA TABLE				
	EXISTING		ULTIMATE	
	RUNWAY 15	RUNWAY 33	RUNWAY 15	RUNWAY 33
APPROACH CATEGORY	NONPRECISION	NONPRECISION	NONPRECISION	NONPRECISION
PRIMARY SURFACE WIDTH	500'	500'	500'	500'
APPROACH SURFACE INNER WIDTH	500'	500'	500'	500'
APPROACH SURFACE OUTER WIDTH	2,000'	2,000'	2,000'	2,000'
APPROACH SURFACE LENGTH	5,000'	5,000'	5,000'	5,000'
APPROACH SURFACE SLOPE (H:V)	20:1	20:1	20:1	20:1

RUNWAY 15-33 DECLARED DISTANCES TABLE				
	EXISTING		ULTIMATE	
	RUNWAY 15	RUNWAY 33	RUNWAY 15	RUNWAY 33
TAKE OFF RUN AVAILABLE (TORA)	3,000'	3,000'	SAME	SAME
TAKE OFF DISTANCE AVAILABLE (TODA)	3,000'	3,000'	SAME	SAME
ACCELERATE STOP DISTANCE AVAILABLE (ASDA)	3,000'	3,000'	SAME	SAME
LANDING DISTANCE AVAILABLE (LDA)	3,000'	3,000'	SAME	SAME

MODIFICATIONS TO STANDARDS TABLE	
DESCRIPTION	NONE
STANDARD TO BE MODIFIED	NONE
AIRSPACE CASE NUMBER	NONE
APPROVAL DATE	NONE

AIRPORT DATA TABLE		
	EXISTING	ULTIMATE
AIRPORT REFERENCE CODE	A-I SMALL AIRCRAFT	SAME
MEAN MAXIMUM TEMPERATURE OF HOTTEST MONTH	80°F	SAME
AIRPORT ELEVATION (MSL)	345'	SAME
AIRPORT NAVIGATIONAL AIDS AT AIRPORT	ROTATING BEACON	SAME
AIRPORT REFERENCE POINT COORDINATES	LATITUDE: 44° 09' 22.376" N LONGITUDE: 70° 28' 48.188" W	SAME
MISCELLANEOUS FACILITIES	LIGHTED WINDSOCK, SEGMENTED CIRCLE	SAME
CRITICAL AIRCRAFT	CESSNA 401A	SAME
CRITICAL AIRCRAFT WINGSPAN	39' - 10"	SAME
CRITICAL AIRCRAFT UNDERCARRIAGE LENGTH	10' - 9.5"	SAME
CRITICAL AIRCRAFT APPROACH SPEED	90 KNOTS	SAME
AIRPORT MAGNETIC DECLINATION	15.03° W +/- 0.39"	SAME
NPIAS SERVICE LEVEL	GENERAL AVIATION - BASIC	SAME

RUNWAY DATA TABLE		
	EXISTING	ULTIMATE
RUNWAY 15-33		
TYPE	UTILITY	SAME
RUNWAY DESIGN CODE (RDC)	A-1-5000	SAME
RUNWAY REFERENCE CODE (RRC)	A-1-5000	SAME
PAVEMENT STRENGTH	25,000 LBS	SAME
WHEEL LOADING	SINGLE WHEEL	SAME
PAVEMENT CLASSIFICATION NUMBER (PCN)	NONE	SAME
PAVEMENT SURFACE TREATMENT	NONE	SAME
RUNWAY 15 EFFECTIVE GRADIENT	- 0.25%	SAME
RUNWAY 33 EFFECTIVE GRADIENT	+ 0.25%	SAME
LENGTH	3,000'	SAME
WIDTH	75'	SAME
DISPLACED THRESHOLD	NONE	SAME
RUNWAY LIGHTING	MIRL	SAME
RUNWAY MARKING	RUNWAY 15: NONPRECISION AND AIMING POINTS RUNWAY 33: NONPRECISION AND AIMING POINTS	SAME SAME
RUNWAY 15 END COORDINATES	LATITUDE: 44° 09' 36.548" N LONGITUDE: 70° 29' 08.024" W	SAME
RUNWAY 33 END COORDINATES	LATITUDE: 44° 09' 16.918" N LONGITUDE: 70° 28' 37.201" W	SAME
RUNWAY SAFETY AREA (RSA)		
WIDTH	120'	SAME
LENGTH BEYOND RUNWAY ENDS	240'	SAME
TOTAL LENGTH	3,480'	SAME
RUNWAY OBJECT FREE AREA (ROFA)		
WIDTH	250'	SAME
LENGTH BEYOND RUNWAY ENDS	240'	SAME
TOTAL LENGTH	3,480'	SAME
RUNWAY OBSTACLE FREE ZONE (ROFZ)		
WIDTH	250'	SAME
LENGTH BEYOND RUNWAY ENDS	200'	SAME
TOTAL LENGTH	3,400'	SAME
RUNWAY CENTERLINE TO PARALLEL TAXIWAY/TAXILANE CENTERLINE	225'	SAME
RUNWAY CENTERLINE TO AIRCRAFT HOLDING POSITION	125'	SAME
RUNWAY CENTERLINE TO AIRCRAFT PARKING AREA	125'	SAME
THRESHOLD SITING SURFACE (TSS)	NONE	SAME
VISUAL AND INSTRUMENT NAVAIDS	NONE	REIL
TOUCHDOWN ZONE ELEVATION	345'	SAME
14 CFR PART 77 APPROACH TYPE	NONPRECISION	SAME
14 CFR PART 77 APPROACH SLOPE	20:1	SAME
RUNWAY DEPARTURE SURFACE SLOPE	40:1	SAME
APPROACH MINIMUMS	RUNWAY 15: 1 MILE VISIBILITY & 900' MDA RUNWAY 33: 1 MILE VISIBILITY & 1,120' MDA	SAME SAME
TYPE OF AERONAUTICAL SURVEY REQUIRED FOR APPROACH	NON-VERTICALLY GUIDED	SAME
TAXIWAY WIDTH	TAXIWAY A: 40' TAXIWAY B: 25'	SAME SAME
TAXILANE WIDTH	25'	SAME
TAXIWAY SAFETY AREA WIDTH	49'	SAME
TAXILANE SAFETY AREA WIDTH	49'	SAME
TAXIWAY OBJECT FREE AREA WIDTH	89'	SAME
TAXILANE OBJECT FREE AREA WIDTH	79'	SAME
TAXIWAY CENTERLINE TO FIXED OR MOVABLE OBJECT	44.5'	SAME
TAXILANE CENTERLINE TO FIXED OR MOVABLE OBJECT	39.5'	SAME
TAXIWAY LIGHTING	MITL	SAME
TAXILANE LIGHTING	NONE	REFLECTORS

NOTES:

1. ALL LATITUDE AND LONGITUDE COORDINATES UTILIZE THE NAD83 COORDINATE SYSTEM.
2. ALL ELEVATIONS ARE RELATIVE TO MEAN SEA LEVEL (MSL) AND UTILIZE THE NAVD88 VERTICAL CONTROL DATUM.
3. THE MAGNETIC DECLINATION IS BASED ON THE NOAA NATIONAL CENTERS FOR ENVIRONMENTAL INFORMATION 2019-2024 WORLD MAGNETIC MODEL FOR OCTOBER 14, 2020.

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Rev.	Description	By	Date
	DRAFT FINAL SUBMISSION	RDY	10/29/20

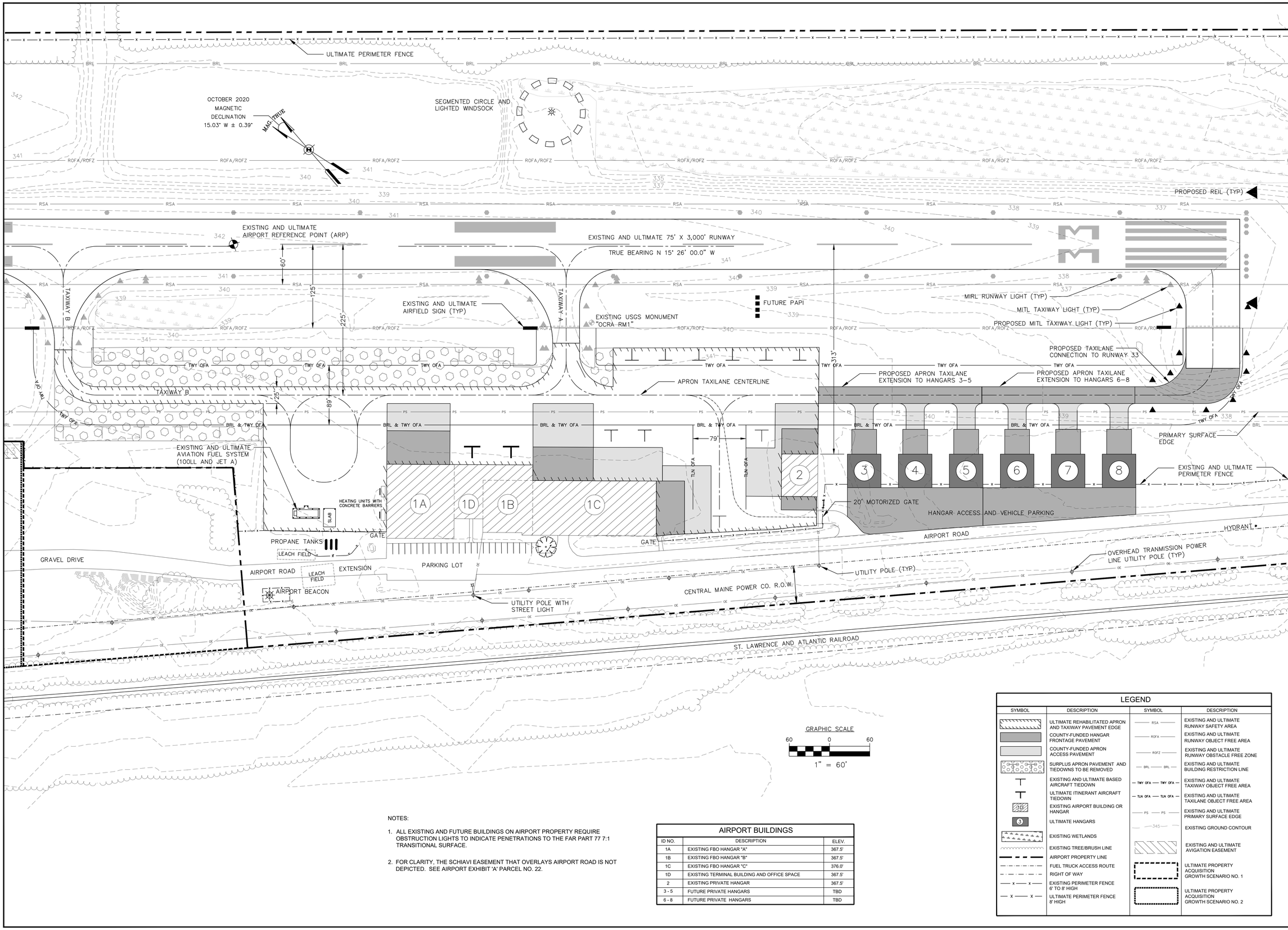
MAINE

OXFORD COUNTY REGIONAL AIRPORT
AIP PROJECT NO. 3-23-0033-11-2016

ALP DATA SHEET

OXFORD

Project No.	0903
Proj. Manager	RDYARNOLD
Proj. Designer	RDYARNOLD
Drawn By	RDY
Checked By	RDY
Scale	AS NOTED
Approved	RDY
Date	10/29/2020



NOTES:

1. ALL EXISTING AND FUTURE BUILDINGS ON AIRPORT PROPERTY REQUIRE OBSTRUCTION LIGHTS TO INDICATE PENETRATIONS TO THE FAR PART 77 7:1 TRANSITIONAL SURFACE.

2. FOR CLARITY, THE SCHIAVI EASEMENT THAT OVERLAYS AIRPORT ROAD IS NOT DEPICTED. SEE AIRPORT EXHIBIT 'A' PARCEL NO. 22.

AIRPORT BUILDINGS

ID NO.	DESCRIPTION	ELEV.
1A	EXISTING FBO HANGAR "A"	367.5'
1B	EXISTING FBO HANGAR "B"	367.5'
1C	EXISTING FBO HANGAR "C"	376.0'
1D	EXISTING TERMINAL BUILDING AND OFFICE SPACE	367.5'
2	EXISTING PRIVATE HANGAR	367.5'
3 - 5	FUTURE PRIVATE HANGARS	TBD
6 - 8	FUTURE PRIVATE HANGARS	TBD

LEGEND

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	ULTIMATE REHABILITATED APRON AND TAXIWAY PAVEMENT EDGE	RSA	EXISTING AND ULTIMATE RUNWAY SAFETY AREA
	COUNTY-FUNDED HANGAR FRONTAGE PAVEMENT	ROFA	EXISTING AND ULTIMATE RUNWAY OBJECT FREE AREA
	COUNTY-FUNDED APRON ACCESS PAVEMENT	ROFZ	EXISTING AND ULTIMATE RUNWAY OBSTACLE FREE ZONE
	SURPLUS APRON PAVEMENT AND TIEDOWNS TO BE REMOVED	BRL	EXISTING AND ULTIMATE BUILDING RESTRICTION LINE
	EXISTING AND ULTIMATE BASED AIRCRAFT TIEDOWN	TWY OFA	EXISTING AND ULTIMATE TAXIWAY OBJECT FREE AREA
	ULTIMATE ITINERANT AIRCRAFT TIEDOWN	TLN OFA	EXISTING AND ULTIMATE TAXILANE OBJECT FREE AREA
10	EXISTING AIRPORT BUILDING OR HANGAR	PS	EXISTING AND ULTIMATE PRIMARY SURFACE EDGE
3	ULTIMATE HANGARS	345	EXISTING GROUND CONTOUR
	EXISTING WETLANDS		EXISTING AND ULTIMATE AVIGATION EASEMENT
	EXISTING TREE/BRUSH LINE		ULTIMATE PROPERTY ACQUISITION GROWTH SCENARIO NO. 1
	AIRPORT PROPERTY LINE		ULTIMATE PROPERTY ACQUISITION GROWTH SCENARIO NO. 2
	FUEL TRUCK ACCESS ROUTE		
	RIGHT OF WAY		
x x	EXISTING PERIMETER FENCE 6' TO 8' HIGH		
x x	ULTIMATE PERIMETER FENCE 8' HIGH		

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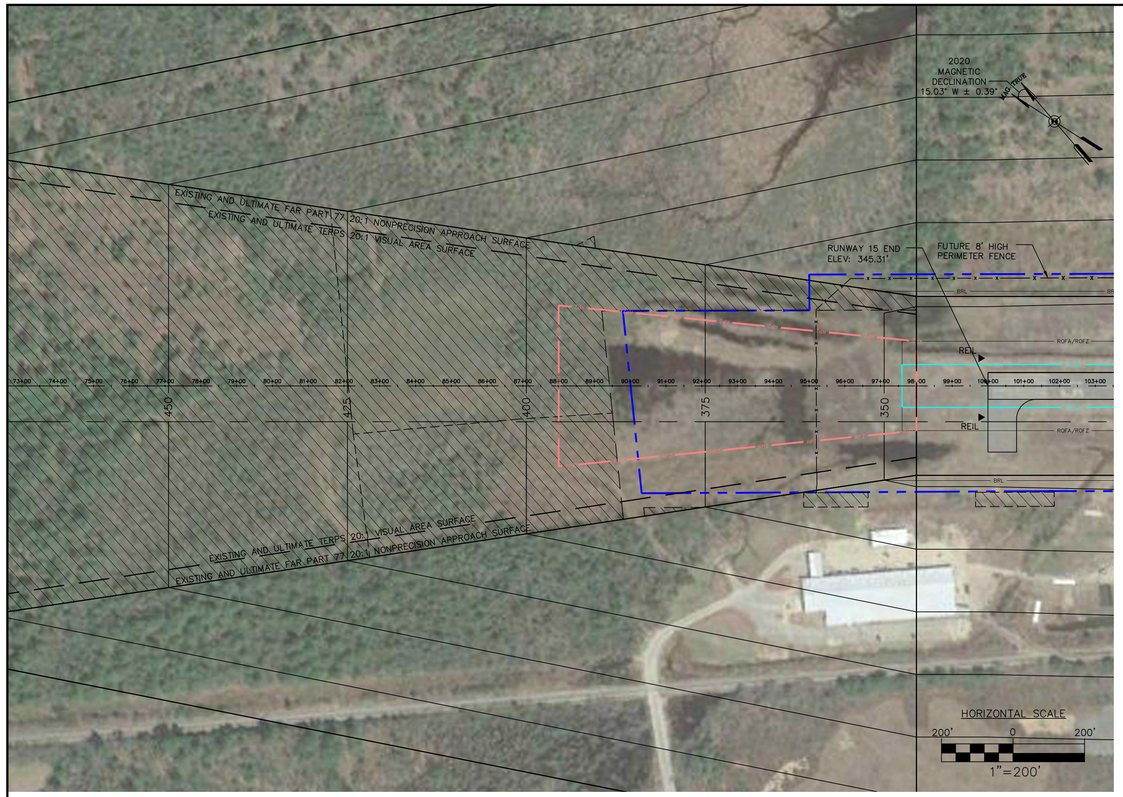
Date	By	Description	Rev.
10/29/20	RDY	DRAFT FINAL SUBMISSION	

OXFORD COUNTY REGIONAL AIRPORT
AIP PROJECT NO. 3-23-0033-11-2016

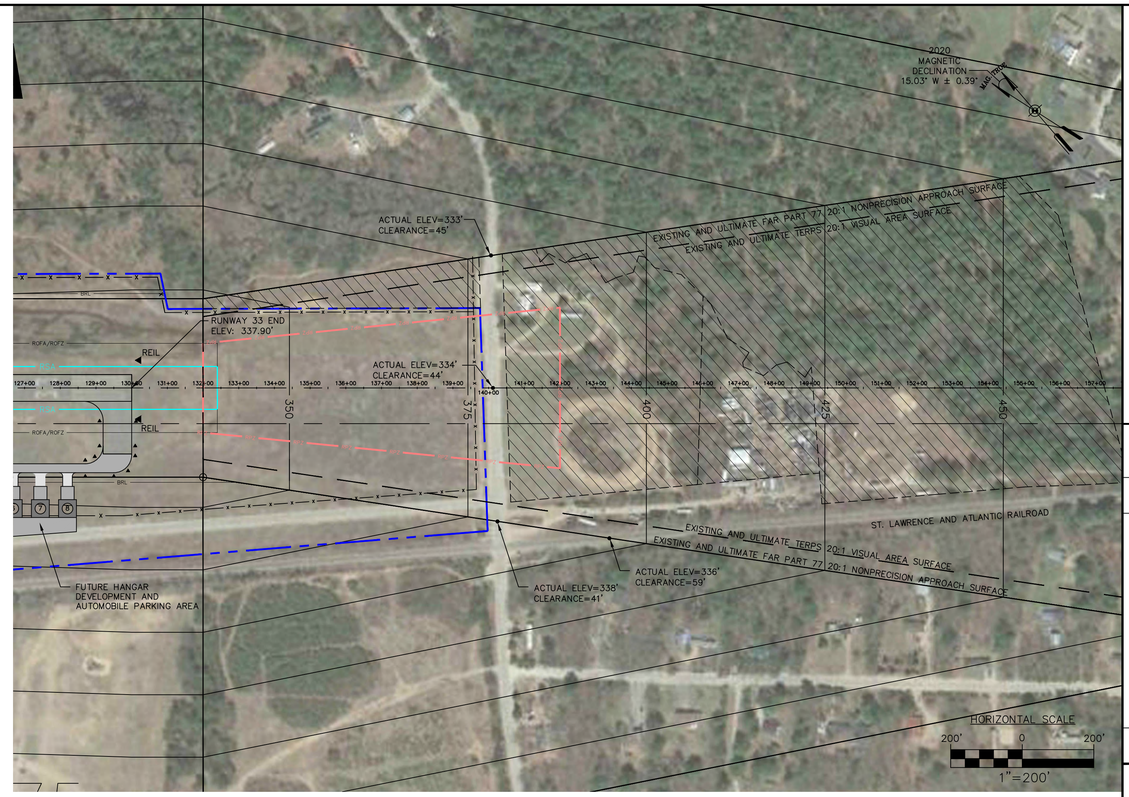
TERMINAL AREA PLAN

MAINE
OXFORD

Project No.	0903
Proj. Manager	RDYARNOLD
Proj. Designer	RDYARNOLD
Drawn By	RDY
Checked By	RDY
Scale	NONE
Approved	RDY
Date	10/29/2020



PLAN VIEW - RUNWAY 15



PLAN RUNWAY 33

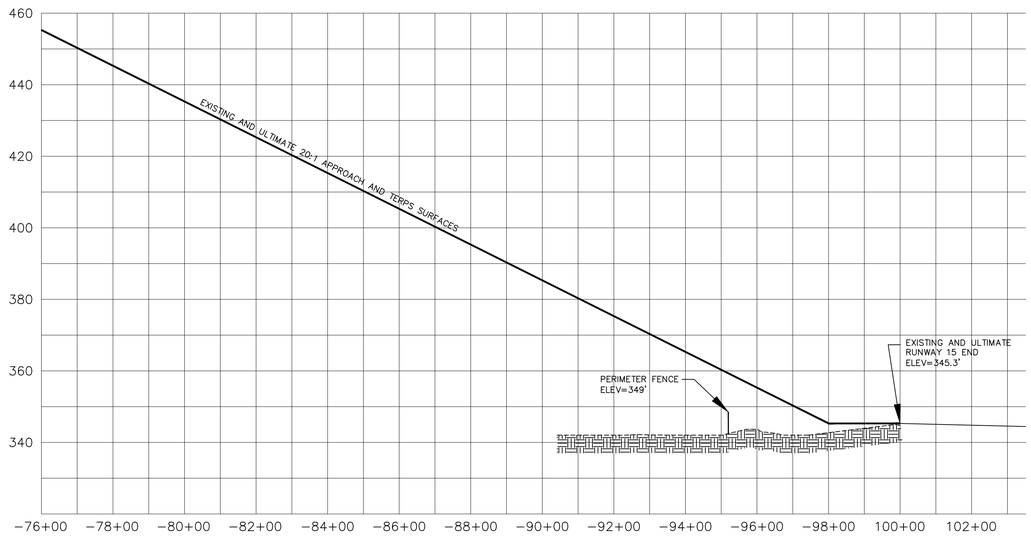
VERTICAL SCALE
20'
0
20'

RUNWAY 15 OBSTRUCTION TABLE

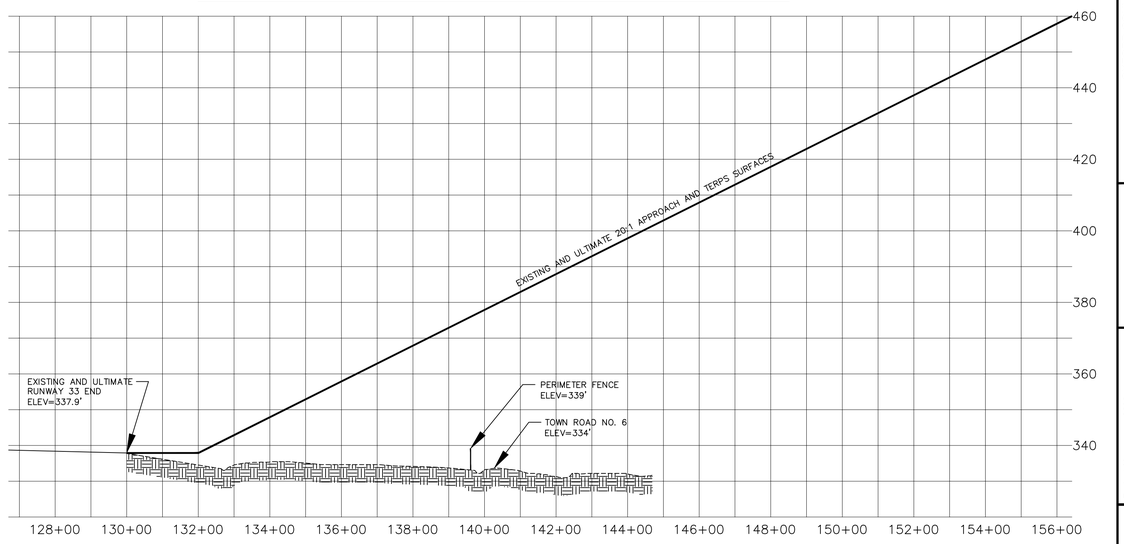
NUMBER	DESCRIPTION	TOP ELEVATION	SURFACE PENETRATION
NONE			

RUNWAY 33 OBSTRUCTION TABLE

NUMBER	DESCRIPTION	TOP ELEVATION	SURFACE PENETRATION
NONE			



PROFILE VIEW - RUNWAY 15



PROFILE VIEW - RUNWAY 33

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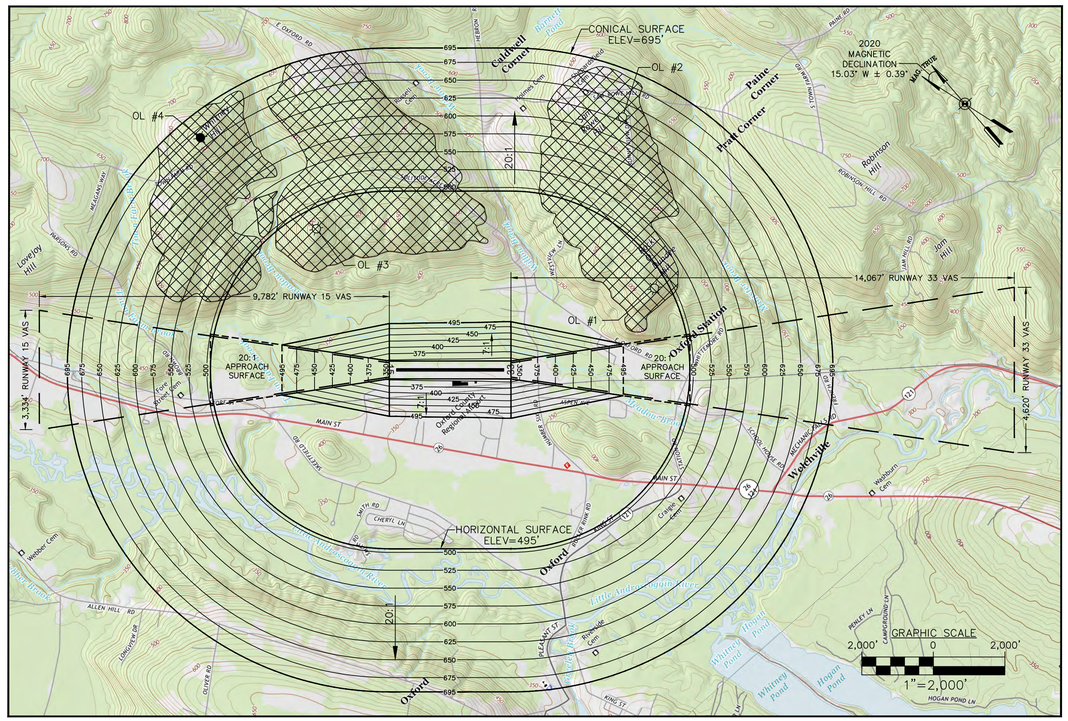
RUNWAY 15-33 PLAN AND PROFILE

OXFORD MAINE

Project No.	0903
Proj. Manager	RDYARNOLD
Proj. Designer	RDYARNOLD
Drawn By	RDY
Checked By	RDY
Scale	AS NOTED
Approved	RDY
Date	10/29/2020

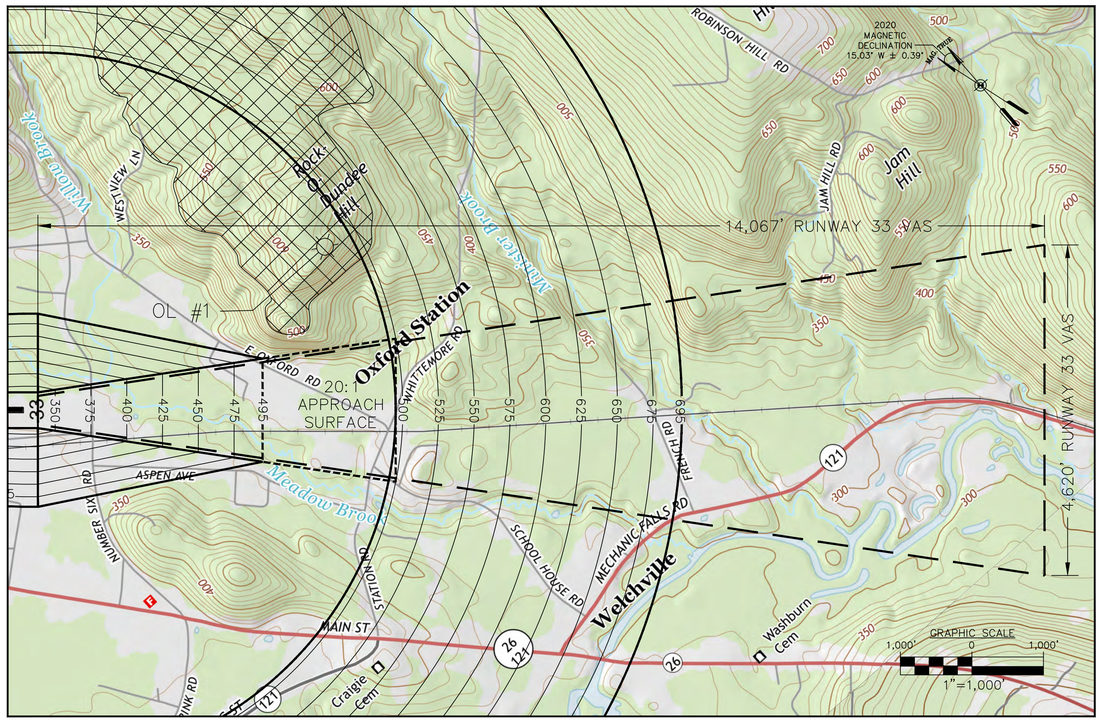
Sheet 6 of 9

D | 6 Plan Profile



PLAN VIEW - FAR PART 77 AND TERPS VISUAL AREA SURFACES

SCALE: 1" = 2,000'



PLAN VIEW - RUNWAY 33 TERPS VISUAL AREA SURFACE

SCALE: 1" = 1,000'

ULTIMATE FAR PART 77 IMAGINARY AIRSPACE SURFACES

AIRPORT DATA	RUNWAY 15	RUNWAY 33
CLASSIFICATION	UTILITY	
INSTRUMENT APPROACH PROCEDURE (IAP)	RNAV GPS NON-PRECISION	RNAV GPS NON-PRECISION
LOWEST VISIBILITY MINIMUMS	900' MDA AND 1 MILE	1,120' MDA AND 1 MILE
AIRPORT ELEVATION (MSL)	345'	
AIRPORT IMAGINARY SURFACES	**RUNWAY 15**	**RUNWAY 33**
PRIMARY SURFACE:		
LENGTH BEYOND RUNWAY END	200'	200'
WIDTH	500'	500'
APPROACH SURFACE:		
HORIZONTAL DISTANCE	5,000'	5,000'
INNER WIDTH	500'	500'
OUTER WIDTH	2,000'	2,000'
SLOPE (H:V)	20:1	20:1
TRANSITIONAL SURFACES:		
SLOPE (H:V)	7:1	7:1
HORIZONTAL SURFACE:		
HORIZONTAL SURFACE RADIUS	5,000'	5,000'
CONICAL SURFACE:		
HORIZONTAL DISTANCE	4,000'	4,000'
SLOPE (H:V)	20:1	20:1

SOURCES: FAR PART 77 OBJECTS AFFECTING NAVIGABLE AIRSPACE
FAA INSTRUMENT APPROACH PROCEDURES RNAV (GPS) RWY 15 AND RNAV (GPS) RWY 33

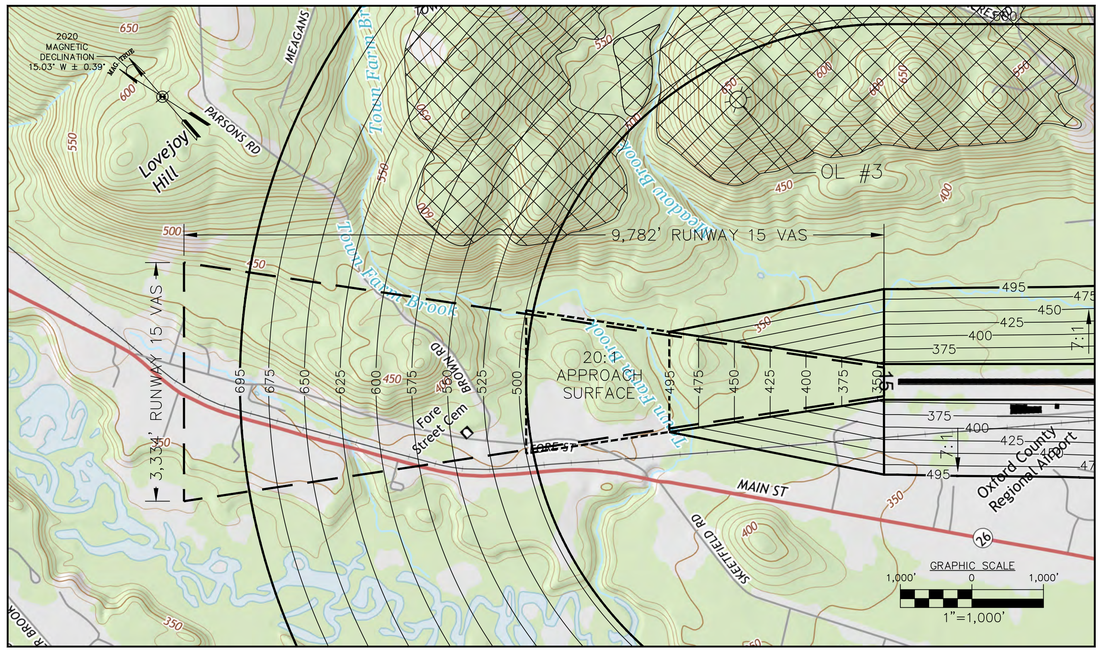
LEGEND

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
395	FAR PART 77 SURFACE ELEVATION CONTOUR		20: 1 APPROACH SURFACE ABOVE HORIZONTAL SURFACE ELEVATION
	FAR PART 77 SURFACE GROUND PENETRATION		20:1 APPROACH SURFACE
	INOPERABLE OBSTRUCTION LIGHT		TERPS 20:1 VISUAL AREA SURFACE (VAS)
	OPERATING OBSTRUCTION LIGHT		

TERPS VISUAL AREA SURFACES

VISUAL AREA SURFACE CRITERIA	RUNWAY 15	RUNWAY 33
THRESHOLD ELEVATION	345' MSL	338' MSL'
TOUCHDOWN CROSSING HEIGHT (TCH)	40'	40'
MINIMUM DESCENT ALTITUDE (MDA)	900' MSL	1,120' MSL
VISUAL DESCENT ANGLE (VDA)	3.00°	3.00°
DISTANCE TO VERTICAL DESCENT POINT (VDP)	9,782'	14,067'
VISUAL AREA SURFACE DIMENSIONS	**RUNWAY 15**	**RUNWAY 33**
INNER WIDTH	400'	400'
OUTER WIDTH	3,334'	4,260'
LENGTH	9,782'	14,067'
SLOPE (H:V)	20:1	20:1
VAS OUTER WIDTH ELEVATION	834' MSL	1,041' MSL

SOURCES: FAA ORDER 8260.3D UNITED STATES STANDARD FOR TERMINAL INSTRUMENT PROCEDURES (TERPS)
FAA INSTRUMENT APPROACH PROCEDURES RNAV (GPS) RWY 15 AND RNAV (GPS) RWY 33



PLAN VIEW - RUNWAY 15 TERPS VISUAL AREA SURFACE

SCALE: 1" = 1,000'

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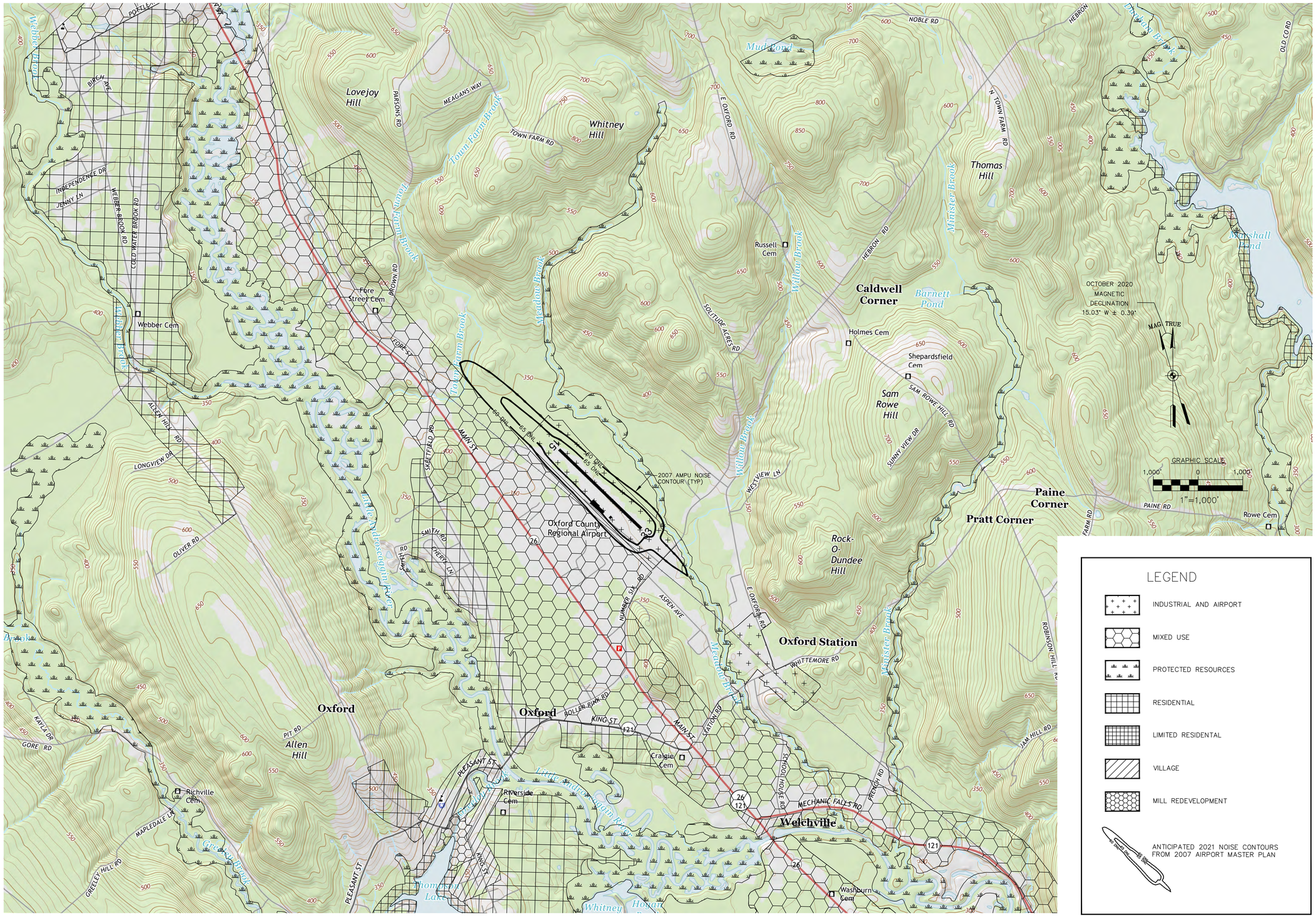
OXFORD COUNTY REGIONAL AIRPORT
AIP PROJECT NO. 3-23-0033-11-2016

FAR PART 77 AND TERPS SURFACES

MAINE OXFORD

Project No.	0903
Proj. Manager	RDY/ARNOLD
Proj. Designer	RDY/ARNOLD
Drawn By	RDY
Checked By	RDY
Scale	AS NOTED
Approved	RDY
Date	10/29/2020

Sheet 7 of 9
D | 7 Part 77



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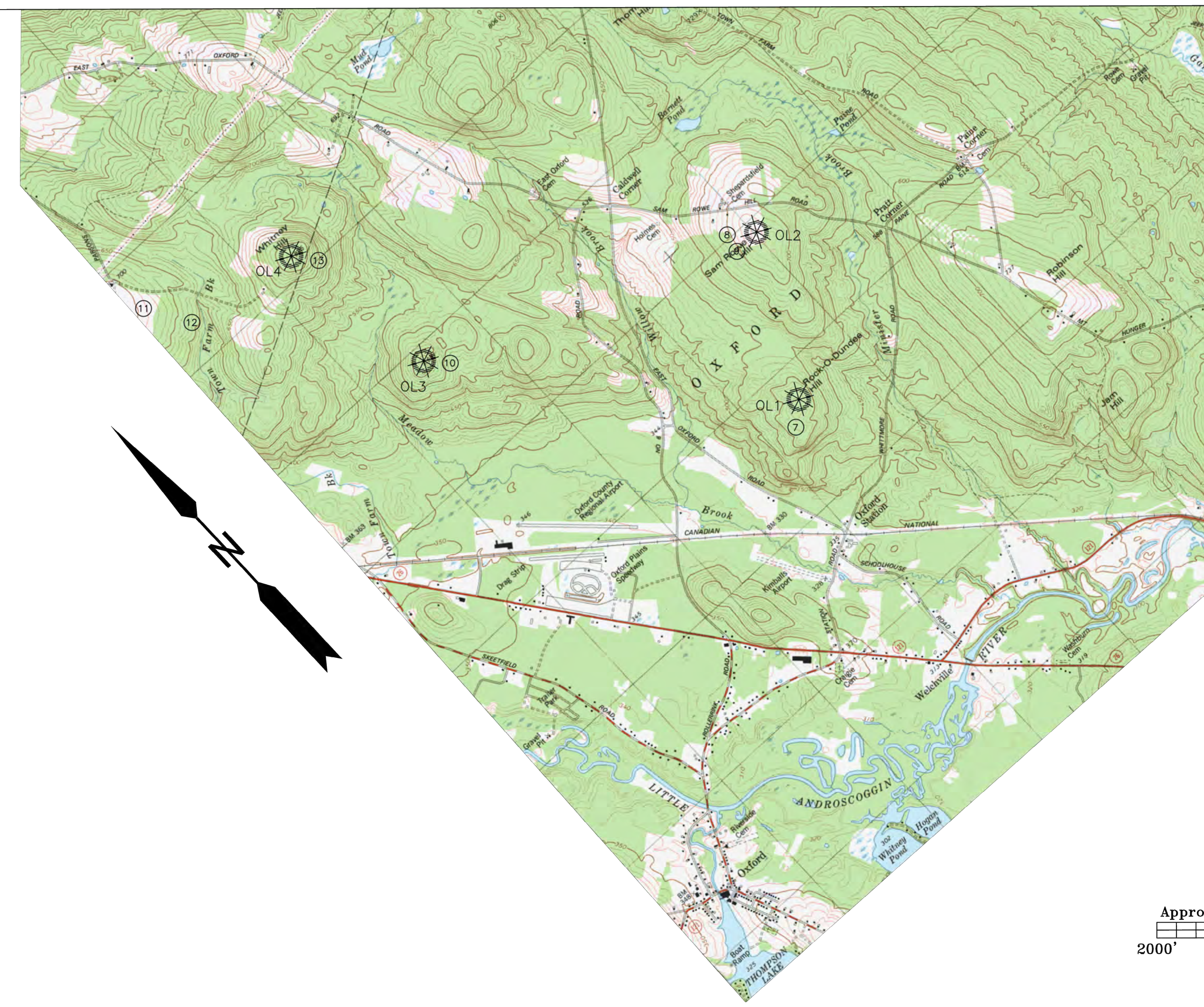
LAND USE PLAN

MAINE
OXFORD

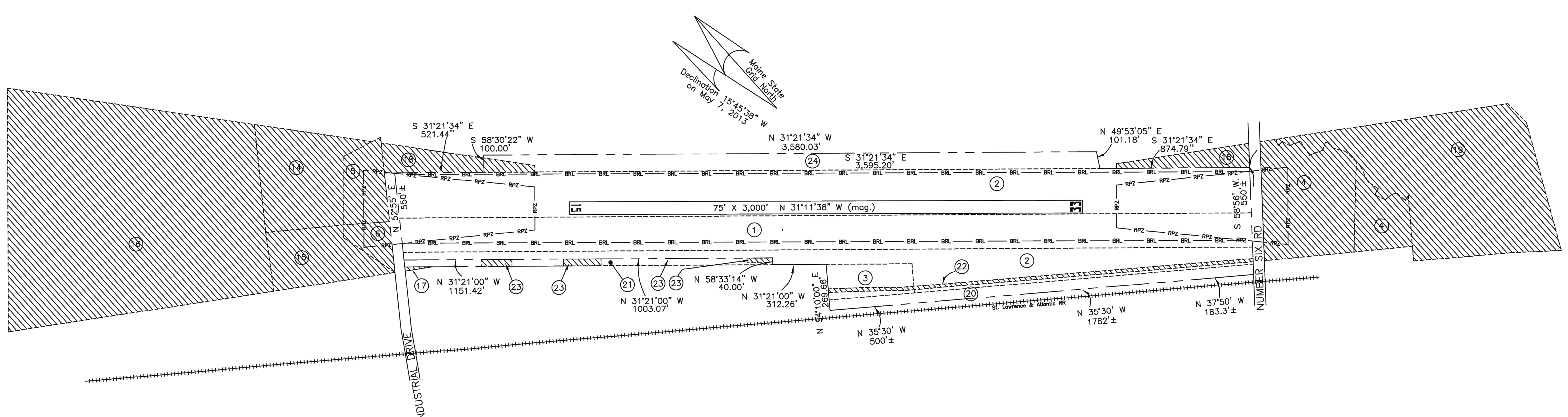
Project No.	0903
Proj. Manager	RDY/ARNOLD
Proj. Designer	RDY/ARNOLD
Drawn By	RDY
Checked By	RDY
Scale	1" = 1,000'
Approved	RDY
Date	10/29/2020

Sheet 8 of 9
D 8 Land Use

KEY	GRANTOR	GRANTEE	INSTRUMENT	BOOK/PAGE	DATE	ACRES	REMARKS
1	AIRWAYS INDUSTRIAL PARK, INC.	INHABITANTS OF THE COUNTY OF OXFORD	FEE	737/286	MARCH 21, 1972	23	ADAP NO. 7-23-0033-01
2	AIRWAYS INDUSTRIAL PARK, INC.	INHABITANTS OF THE COUNTY OF OXFORD	FEE	737/288	MARCH 21, 1972	45	ADAP NO. 7-23-0033-01
3	AIRWAYS INDUSTRIAL PARK, INC.	INHABITANTS OF THE COUNTY OF OXFORD	FEE	780/079	APRIL 20, 1972	2.6	ADAP NO. 7-23-0033-01
4	WILHO KYLLONEN RUTH KYLLONEN	INHABITANTS OF THE COUNTY OF OXFORD	EASEMENT	792/073	JULY 25, 1973	9	ADAP NO. 7-23-0033-01 Avigation, Structures
5	ROGER P. TWITCHELL	INHABITANTS OF THE COUNTY OF OXFORD	EASEMENT	799/265	SEPT 21, 1973	2.1	ADAP NO. 7-23-0033-01 Avigation, Clearing
6	ALBERTA I. TWITCHELL	INHABITANTS OF THE COUNTY OF OXFORD	EASEMENT	800/080	SEPT 28, 1973	1.5	ADAP NO. 7-23-0033-01 Avigation, Clearing
7	JOHN P. CURLINAN	INHABITANTS OF THE COUNTY OF OXFORD	EASEMENT	860/010	APRIL 2, 1974	0.983	HAZARD BEACON NO. 1 Access, Utilities
8	ERWIN W. CUMMINGS	INHABITANTS OF THE COUNTY OF OXFORD	EASEMENT	848/058	AUG 20, 1974	0.31	HAZARD BEACON NO. 2 Access, Utilities
9	ERWIN W. CUMMINGS	INHABITANTS OF THE COUNTY OF OXFORD	FEE	848/058	AUG 20, 1974	0.08	HAZARD BEACON NO. 2
10	ROGER N. RODERICK JEANNETTE P. RODERICK	INHABITANTS OF THE COUNTY OF OXFORD	EASEMENT	848/059 1044/084	JAN 31, 1975 JULY 25, 1979	1.63	HAZARD BEACON NO. 3 CORRECTIVE DEED FOR 848/059 Access, Utilities
11	MERTON S. PARSONS BERNICE PARSONS PAUL PHILIP S. PARSONS SHIRLEY R. PARSONS	INHABITANTS OF THE COUNTY OF OXFORD	EASEMENT	848/057 987/258	JULY 1974 APRIL 27, 1978	2.124	HAZARD BEACON NO. 4 CORRECTIVE DEED FOR 848/057 Access, Utilities
12	JOHN P. CULLINAN	INHABITANTS OF THE COUNTY OF OXFORD	EASEMENT	860/011	JUNE 12, 1975	0.74	HAZARD BEACON NO. 4 Access, Utilities
13	ARTHUR CUMMINGS MAXINE CUMMINGS	INHABITANTS OF THE COUNTY OF OXFORD	EASEMENT	860/012	MAY 30, 1975	0.68	HAZARD BEACON NO. 4 Access, Utilities
14	ROGER TWITCHELL	INHABITANTS OF THE COUNTY OF OXFORD	EASEMENT	4107/219	MARCH 27, 2007	9.0	AIP NO. 3-23-0033-06 Avigation
15	THOMAS TWITCHELL	INHABITANTS OF THE COUNTY OF OXFORD	EASEMENT	4107/223	MARCH 27, 2007	5.4	AIP NO. 3-23-0033-06 Avigation
16	ALBERTA TWITCHELL	INHABITANTS OF THE COUNTY OF OXFORD	EASEMENT	4107/215	MARCH 27, 2007	41.5	AIP NO. 3-23-0033-06 Avigation
17	JOHN & ELEANOR SCHIAVI	INHABITANTS OF THE COUNTY OF OXFORD	EASEMENT	4107/204	MARCH 27, 2007	0.04	AIP NO. 3-23-0033-06 Avigation
18	FIDDLEHEAD PARTNERS	INHABITANTS OF THE COUNTY OF OXFORD	EASEMENT	4107/207	MARCH 27, 2007	1.8	AIP NO. 3-23-0033-06 Avigation
19	LYNN CUMMINGS-PIKE	INHABITANTS OF THE COUNTY OF OXFORD	EASEMENT	4107/211	MARCH 27, 2007	18.7	AIP NO. 3-23-0033-06 Avigation
20	AIRWAYS INDUSTRIAL PARK, INC.	INHABITANTS OF THE COUNTY OF OXFORD	FEE (Release)	4908/69	OCT. 4, 2012	3.4±	
21	INHABITANTS OF THE COUNTY OF OXFORD	AIRWAYS INDUSTRIAL PARK, INC.	FEE (Release)	4908/67	OCT. 7, 2012	1.9±	
22	INHABITANTS OF THE COUNTY OF OXFORD	JOHN SCHIAVI	EASEMENT	4933/110	OCT. 7, 2012	1.1±	Access
23	JOHN SCHIAVI	INHABITANTS OF THE COUNTY OF OXFORD	EASEMENT	4993/118	June 4, 2013	0.6± 0.5±	Fence (Permanent) Grading (Temporary)
24	INHABITANTS OF THE COUNTY OF OXFORD	INHABITANTS OF THE COUNTY OF OXFORD	FAA APPROVAL LETTER MAY 14, 2019	–	–	8.24	INTERNAL TRANSFER FROM OXFORD COUNTY TO OXFORD COUNTY (AIRPORT)



Approximate Scale
2000' 0 2000'



Approximate Scale
400' 200' 0 400'

Legend	
Symbol	**Description**
— — — —	Property Line
-----------	Parcel Boundary
—— RPZ ——	Runway Protection Zone
—— BRL ——	Building Restriction Line
(hatched)	Easements

Job Number: 5062
Drawing File: 5062 Oxford fence.dwg
Tab: gate detail
Coordinate File: 5062oxfd.crd
Field Book: 158/1
Drawn By: MG

Client: Oxford County Commissioners
PO Box 179
26 Western Ave.
South Paris, Me 04281

Owner: Same

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66 Montrose Avenue
Portland, ME 04103
(207) 400-6037
BACS@maine.rr.com
www.ballantineaviation.com

17 Oct. , 2013; added deed reference for Parcel 23
14 May 2019; Added Parcel 24

OXFORD COUNTY REGIONAL AIRPORT

Exhibit A

Not for Recording Purposes

May 13, 2013

BRIDGHAM ENGINEERING & LAND SURVEYING Inc.
P.O. BOX 4146 – 499 Main Street
Presque Isle, Maine 04769-4146
E-Mail: bridgham@mfx.net Tel. (207) 769-8791

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	DRAFT FINAL SUBMISSION	RDY	10/29/20

OXFORD COUNTY REGIONAL AIRPORT
AIP PROJECT NO. 3-23-0033-11-2016

EXHIBIT "A" PROPERTY MAP

OXFORD MAINE

Project No.	0903
Proj. Manager	RDYARNOLD
Proj. Designer	RDYARNOLD
Drawn By	RDY
Checked By	RDY
Scale	1" = 1,000'
Approved	RDY
Date	10/29/2020

Sheet 9 of 9
D 9 Exhibit A