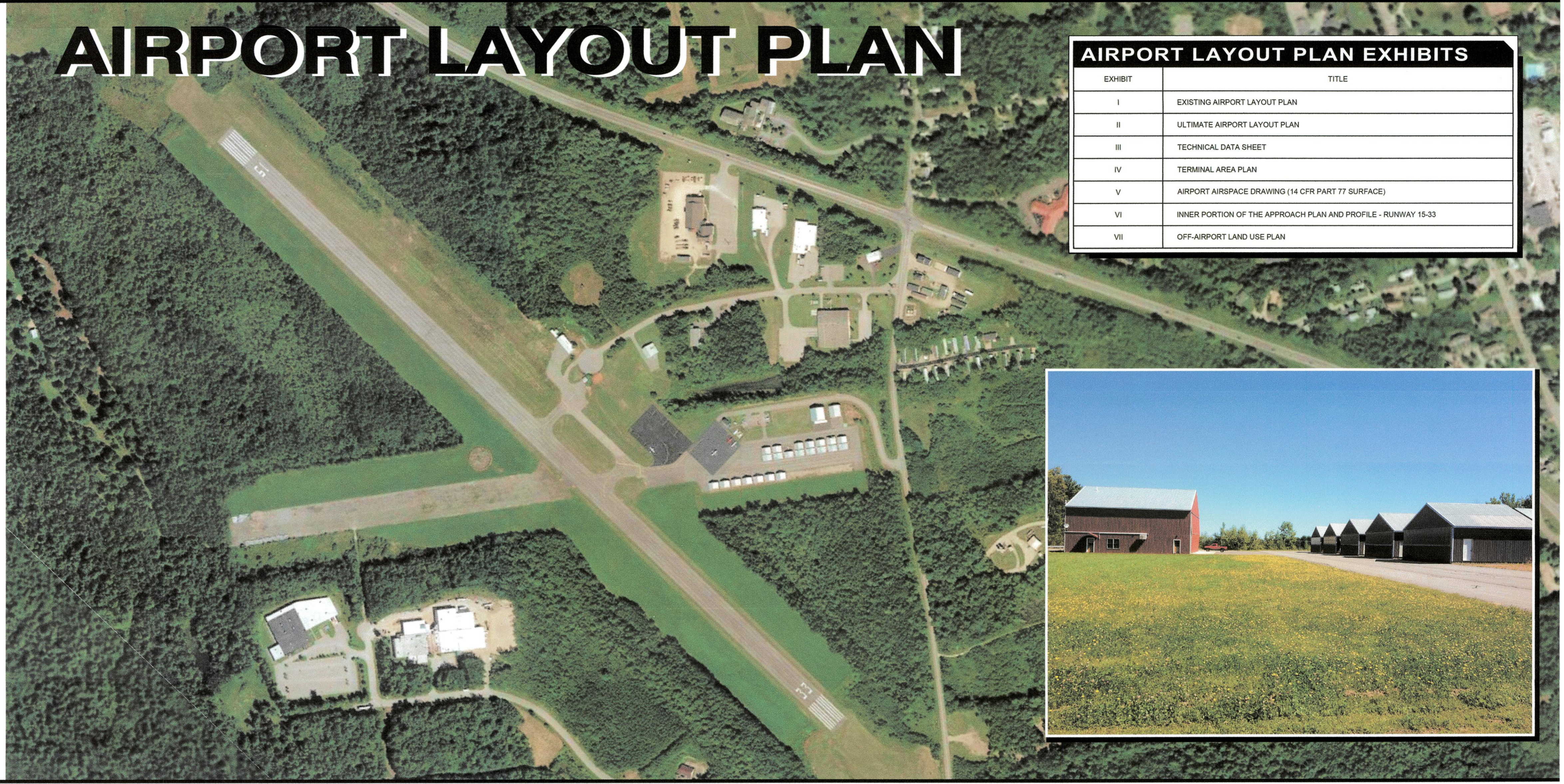
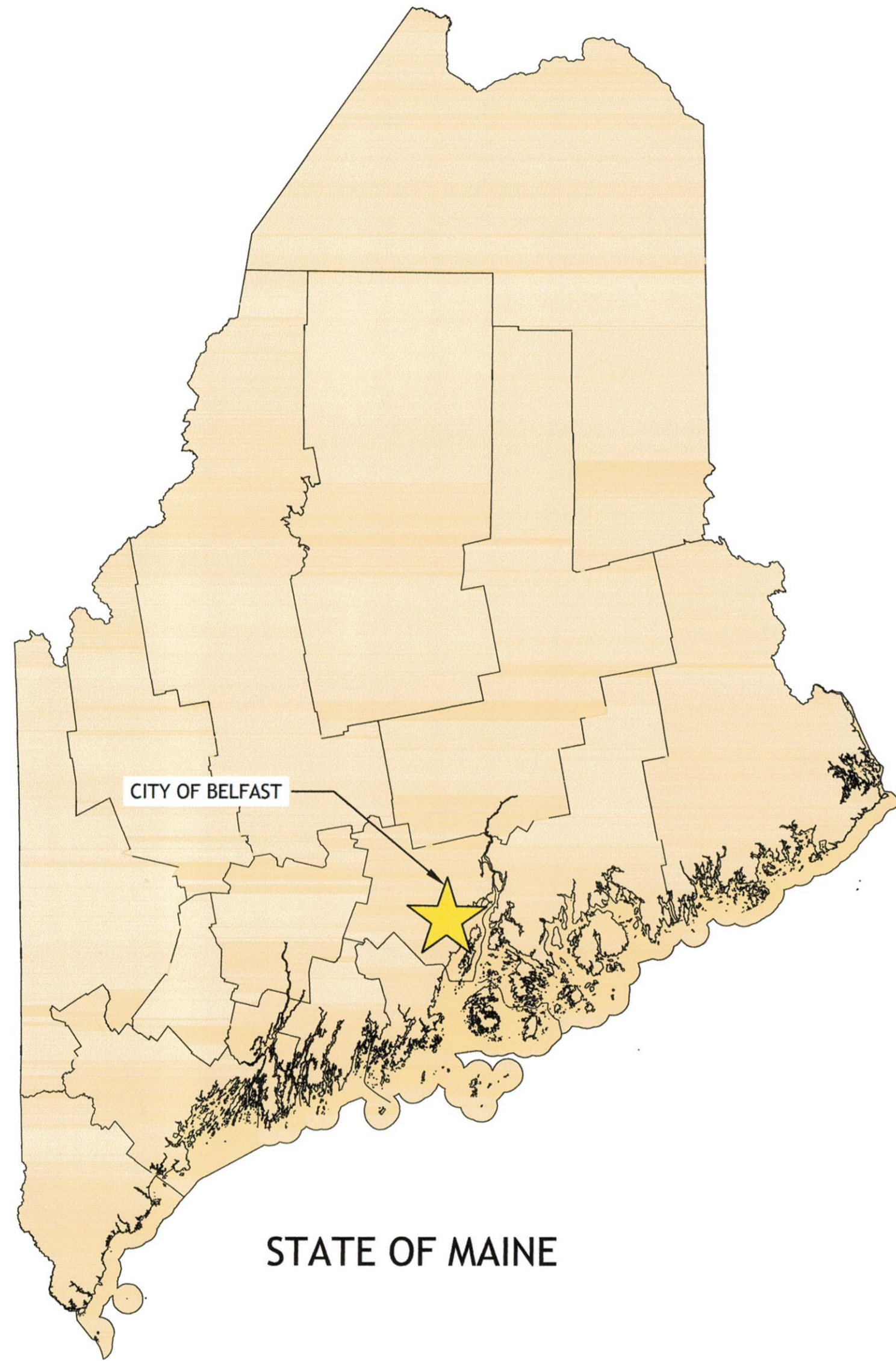


BELFAST MUNICIPAL AIRPORT

BELFAST, MAINE

CADD FILE NO.		117-005 SHEET_COVER.dwg
A.I.P. PROJECT. NO. 3-23-0007-13-2014		
REV.	DATE	DESCRIPTION

FAA DISCLAIMER: THE PREPARATION OF THIS AIP SET HAS BEEN SUPPORTED, IN PART, THROUGH FINANCIAL ASSISTANCE FROM THE FEDERAL AVIATION ADMINISTRATION (FAA) AS PROVIDED UNDER TITLE 49 U.S.C. SECTION 47104. THE CONTENTS DO NOT NECESSARILY REFLECT THE OFFICIAL VIEW OR POLICY OF THE FAA. ACCEPTANCE OF THIS AIP SET BY THE FAA DOES NOT IN ANY WAY CONSTITUTE A COMMITMENT ON THE PART OF THE UNITED STATES TO PARTICIPATE IN ANY DEVELOPMENT SERVICES THEREAFTER NOR DOES IT INDICATE THAT THE PROPOSED DEVELOPMENT IS ENVIRONMENTALLY ACCEPTABLE OR WOULD HAVE JUSTIFICATION IN ACCORDANCE WITH APPROPRIATE PUBLIC LAWS.



AIRPORT LAYOUT PLAN EXHIBITS	
EXHIBIT	TITLE
I	EXISTING AIRPORT LAYOUT PLAN
II	ULTIMATE AIRPORT LAYOUT PLAN
III	TECHNICAL DATA SHEET
IV	TERMINAL AREA PLAN
V	AIRPORT AIRSPACE DRAWING (14 CFR PART 77 SURFACE)
VI	INNER PORTION OF THE APPROACH PLAN AND PROFILE - RUNWAY 15-33
VII	OFF-AIRPORT LAND USE PLAN



AIP NO. 3-23-0007-13-2014

2016 AIRPORT MASTER PLAN UPDATE

SPONSORED BY:



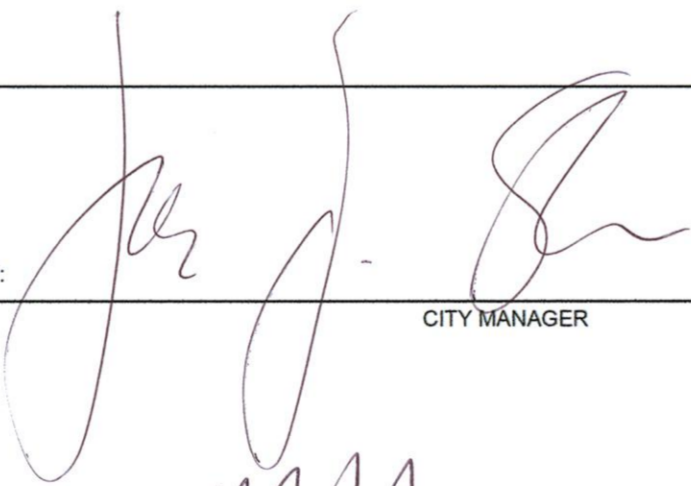
CITY OF BELFAST, MAINE




MAINE DEPARTMENT OF TRANSPORTATION BUREAU OF PLANNING - AVIATION PROGRAM



FEDERAL AVIATION ADMINISTRATION

APPROVED BY:  DATE: 6-26-18
CITY MANAGER

APPROVED BY:  DATE: 6/27/18
PLANNING AND PROGRAMING MANAGER

APPROVED BY:  DATE: 7/2/18
FAA PROJECT MANAGER

PREPARED BY:



AIRPORT SOLUTIONS GROUP



INNOVATION BY DESIGN

PHONE (781) 491-0083 • FAX (781) 491-0360
AIRPORT CONSULTANTS BURLINGTON, MASSACHUSETTS

DATE MARCH 2018

6/7/2018 4:28:38 PM A:\AS - 315\Projects\117-005 AIP\117-005 AIP\117-005 SHEET_COVER.dwg (MVD)

FACILITIES LIST

BLDG NO.	TYPE	OWNER
1	#	LOW HANGAR
2	#	HANGAR
3	#	NON-DIRECTIONAL BEACON
4	#	MAINT. STORAGE SHED
5	22	TERMINAL/ADMIN BUILDING
6	18-22	HANGAR
7	18-24	HANGAR
8	18-25	HANGAR
9	18-26	HANGAR
10	18-14	HANGAR
11	18-27	HANGAR
12	18-15	HANGAR
13	18-28	HANGAR
14	18-38	HANGAR
15	18-37	HANGAR
16	18-36	HANGAR
17	18-35	HANGAR

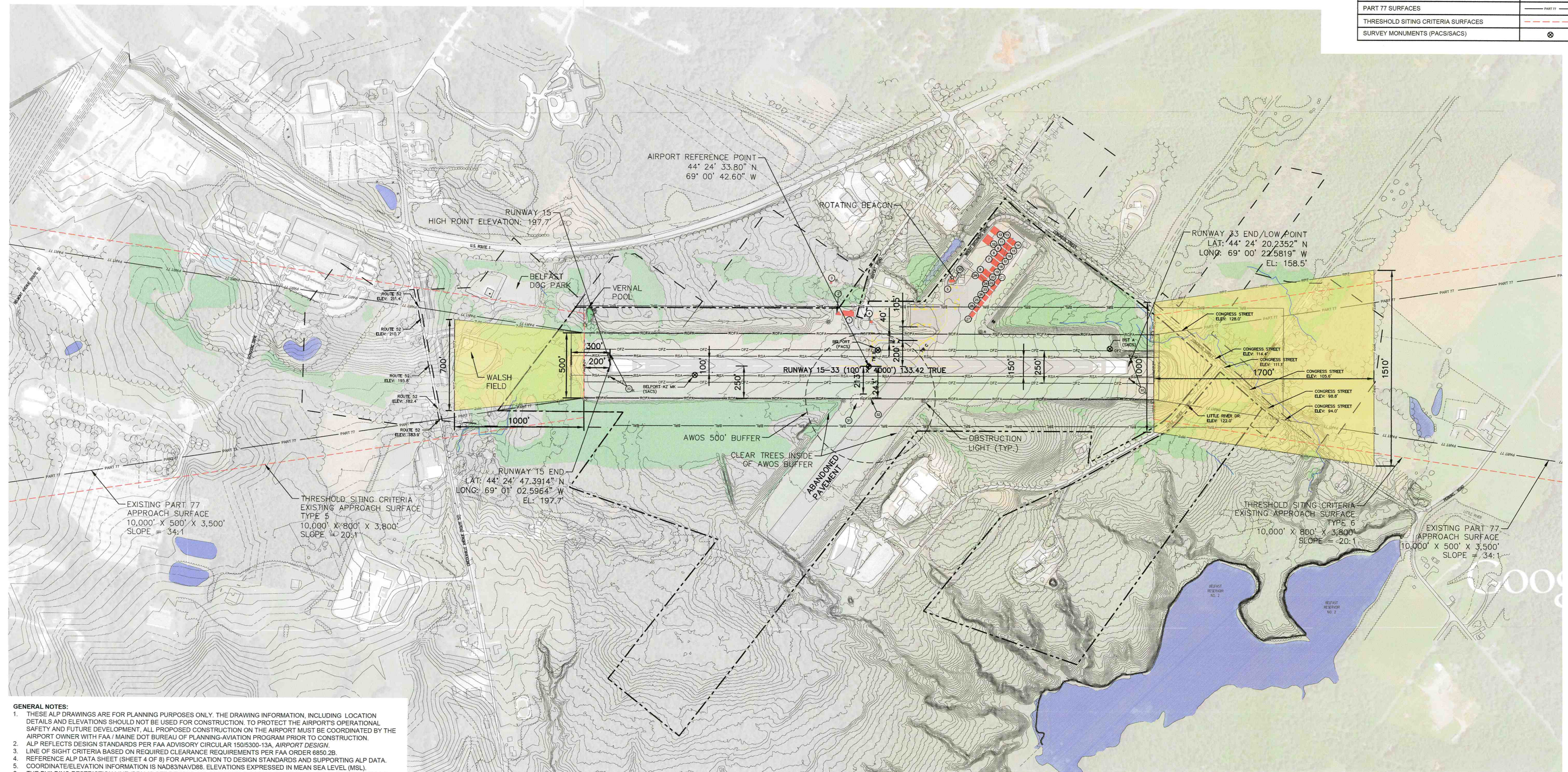
FACILITIES LIST

BLDG NO.	TYPE	OWNER
18	18-34	HANGAR
19	18-33	HANGAR
20	18-32	HANGAR
21	18-47	HANGAR
22	18-46	HANGAR
23	18-45	HANGAR
24	18-44	HANGAR
25	18-43	HANGAR
26	18-42	HANGAR
27	18-41	HANGAR
28	18-31	HANGAR
29	18-21	HANGAR
30	PRIVATE	REILS
31	PRIVATE	WIND CONE
32	PRIVATE	AWOS
33	PRIVATE	AIRFIELD ELECT. VAULT



LEGEND

ITEM	SYMBOL
AIRPORT PROPERTY LINE	---
AIRPORT FENCE	---
RUNWAY SAFETY AREA (RSA)	---
OBSTACLE FREE ZONE (OFZ)	---
RUNWAY OBJECT FREE AREA (ROFA)	---
RUNWAY PROTECTION ZONE (RPZ)	---
AIRPORT REFERENCE POINT (ARP)	+
AIRPORT BUILDINGS	█
WETLAND	█
WATER BODY	█
STREAM	---
PAVEMENT	---
AIRPORT ROTATING BEACON	☆
AIRSPACE OBSTRUCTION LIGHT	○
TAXIWAY SAFETY AREA (TSA)	---
TAXIWAY OBJECT FREE AREA (TOFA)	---
BUILDING RESTRICTION LINE (BRL)	---
AVIGATION EASEMENT	---
PART 77 SURFACES	---
THRESHOLD SITING CRITERIA SURFACES	---
SURVEY MONUMENTS (PACS/SACS)	⊗



GENERAL NOTES:

1. THESE ALP DRAWINGS ARE FOR PLANNING PURPOSES ONLY. THE DRAWING INFORMATION, INCLUDING LOCATION DETAILS AND ELEVATIONS SHOULD NOT BE USED FOR CONSTRUCTION. TO PROTECT THE AIRPORT'S OPERATIONAL SAFETY AND FUTURE DEVELOPMENT, ALL PROPOSED CONSTRUCTION ON THE AIRPORT MUST BE COORDINATED BY THE AIRPORT OWNER WITH FAA / MAINE DOT BUREAU OF PLANNING-AVIATION PROGRAM PRIOR TO CONSTRUCTION.
2. ALP REFLECTS DESIGN STANDARDS PER FAA ADVISORY CIRCULAR 150/5300-13A, AIRPORT DESIGN.
3. LINE OF SIGHT CRITERIA BASED ON REQUIRED CLEARANCE REQUIREMENTS PER FAA ORDER 8850.2B.
4. REFERENCE ALP DATA SHEET (SHEET 4 OF 8) FOR APPLICATION TO DESIGN STANDARDS AND SUPPORTING ALP DATA.
5. COORDINATE/ELEVATION INFORMATION IS NAD83/NAVD88. ELEVATIONS EXPRESSED IN MEAN SEA LEVEL (MSL).
6. THE BUILDING RESTRICTION LINE (BRL) IS SET BEYOND ALL APPLICABLE DESIGN STANDARDS AND IS ESTABLISHED TO PROVIDE 30' OBSTACLE CLEARANCE BASED ON PART 77 IMAGINARY SURFACES.
7. AWOS PROTECTION AREA: DEVELOPMENT LIMITED TO 15' BELOW THE WIND SENSOR ELEVATION WITHIN A 500' RADIUS, AND LIMITED TO 10' ABOVE THE WIND SENSOR ELEVATION BETWEEN A 500' TO 1,000' RADIUS.
8. TRAVERSE ELEVATIONS SHOWN DO NOT INCLUDE THE TRAVERSE WAY ADJUSTMENT.
9. VERNAL POOL DELINEATED BY NEWEARTH ENVIRONMENTAL IN 2015.
10. WETLAND DATA IS FROM NATIONAL WETLANDS INVENTORY (NWI).
11. AERIAL IMAGERY FROM GOOGLE EARTH.
12. CONTOURS FROM MAINE GIS.

117-005 SHEET LAYOUT.dwg
 A.I.P. PROJECT NO. 3-23-0007-13-2014
 CADD FILE NO.
 REV. DATE DESCRIPTION
 AIRPORT SOLUTIONS GROUP
 INNOVATION BY DESIGN
 PHONE (781) 491-0083 FAX (781) 491-0069
 AIRPORT CONSULTANTS - BURLINGTON, MASSACHUSETTS
 BELFAST MUNICIPAL AIRPORT
 LITTLE RIVER DRIVE
 BELFAST, ME 04915
 (207) 338-4736
 SHEET TITLE: EXISTING AIRPORT LAYOUT PLAN
 PROJECT: BELFAST MUNICIPAL AIRPORT 2016 AIRPORT MASTER PLAN UPDATE
 DESIGNER: RAL CADD TECH: JMT APPROVED: C/W
 MARCH 2018
 EXHIBIT I
 SHEET 2 OF 8



FACILITIES LIST

EXISTING			
BLDG NO.	TYPE	OWNER	
1	#	LOW HANGAR	BST
2	#	HANGAR	BST
3	#	NON-DIRECTIONAL BEACON (R)	BST
4	#	MAINT. STORAGE SHED	BST
5	22	TERMINAL/ADMIN BUILDING	BST
6	18-22	HANGAR	PRIVATE
7	18-24	HANGAR	PRIVATE
8	18-25	HANGAR	PRIVATE
9	18-26	HANGAR	PRIVATE
10	18-14	HANGAR	PRIVATE
11	18-27	HANGAR	PRIVATE
12	18-15	HANGAR	PRIVATE
13	18-28	HANGAR	PRIVATE
14	18-38	HANGAR	PRIVATE
15	18-37	HANGAR	PRIVATE
16	18-36	HANGAR	PRIVATE
17	18-35	HANGAR	PRIVATE
18	18-34	HANGAR	PRIVATE
19	18-33	HANGAR	PRIVATE
20	18-32	HANGAR	PRIVATE
21	18-47	HANGAR	PRIVATE
22	18-46	HANGAR	PRIVATE
23	18-45	HANGAR	PRIVATE
24	18-44	HANGAR	PRIVATE
25	18-43	HANGAR	PRIVATE
26	18-42	HANGAR	PRIVATE
27	18-41	HANGAR	PRIVATE
28	18-31	HANGAR	PRIVATE
29	18-21	HANGAR	PRIVATE
30	PRIVATE	REILS (R)	BST
31	PRIVATE	WIND CONE	BST
32	PRIVATE	AWOS	THE LIFEFLIGHT FOUNDATION
33	PRIVATE	AIRFIELD ELECT. VAULT	BST

FACILITIES LIST

PROPOSED			
BLDG NO.	TYPE	OWNER	
34	PRIVATE	PAPIS	FAA
35	PRIVATE	REILS	FAA
36	PRIVATE	HANGAR	PRIVATE
37	PRIVATE	HANGAR	PRIVATE
38	PRIVATE	HANGAR	PRIVATE
39	PRIVATE	HANGAR	PRIVATE
40	PRIVATE	HANGAR	PRIVATE
41	PRIVATE	HANGAR	PRIVATE
42	PRIVATE	HANGAR	PRIVATE
43	PRIVATE	HANGAR	PRIVATE
44	PRIVATE	HANGAR	PRIVATE
45	PRIVATE	HANGAR	PRIVATE
46	PRIVATE	HANGAR	PRIVATE
47	PRIVATE	HANGAR	PRIVATE
48	PRIVATE	HANGAR	PRIVATE
49	PRIVATE	HANGAR	PRIVATE
50	PRIVATE	HANGAR	PRIVATE
51	PRIVATE	HANGAR	PRIVATE
52	PRIVATE	HANGAR	PRIVATE
53	PRIVATE	HANGAR	PRIVATE
54	PRIVATE	HANGAR	PRIVATE

AIRPORT PROJECT LIST

SHORT-TERM (0-5 YEARS)		
B	CONSTRUCT RW15 PARTIAL PARALLEL TAXIWAY (2,020' x 25') & RW33 BYPASS TAXIWAY	
C	INSTALL SUPPLEMENTAL WIND SOCKS	
D	INSTALL AUTOMATED FUEL FARM	
E	PHASE II TREE CLRG - RW 33	
MID- TO LONG-TERM (6-20 YEARS)		
G	REHABILITATE RUNWAY 15/33	
H	EXTEND / CONSTRUCT RUNWAY 33 PARALLEL TAXIWAY	
I	EXPAND HANGAR DEVELOPMENT AREA-T-HANGARS	
J	INSTALL PAPIS ON BOTH RUNWAY ENDS	
L	EXTEND RUNWAY / TAXIWAY	
M	REHABILITATE / UPGRADE TERMINAL BUILDING	

FAA APPROVAL

SUBJECT TO LETTER DATED: 7/27/18
Michelle Linn
 FEDERAL AVIATION ADMINISTRATION
 NEW ENGLAND REGION AIRPORTS DIVISION
 DATED: 7/27/18
 CASE NO: _____

SPONSOR APPROVAL

ACCEPTED: CITY OF BELFAST
[Signature]
 DATED: 6-26-18

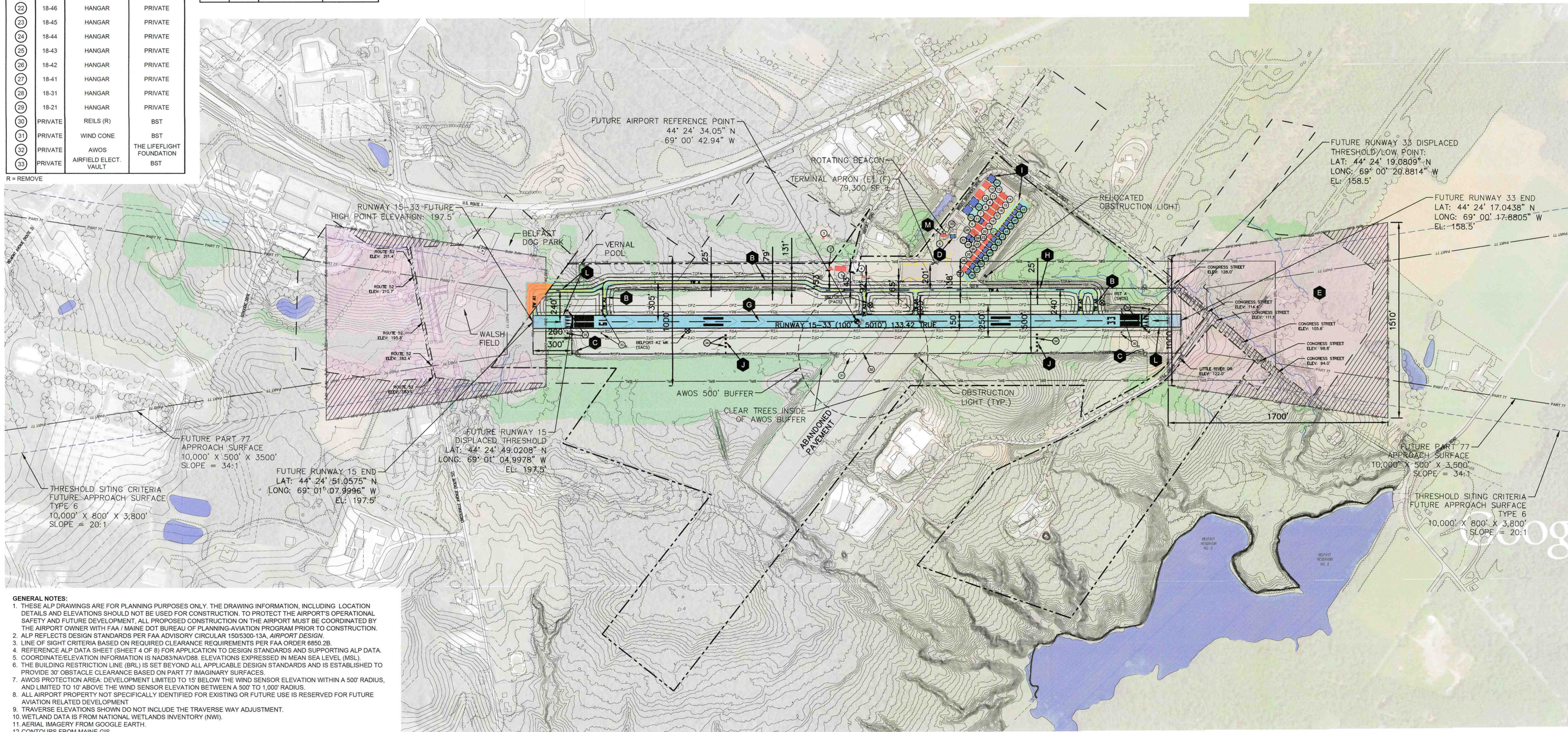
MAINE DOT APPROVAL

MAA
 BUREAU OF PLANNING - AVIATION PROGRAM
 PLANNING AND PROGRAMMING MANAGER
 DATED: 6/27/18

LEGEND

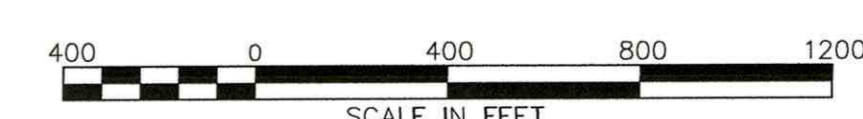
ITEM	(EXISTING)	(FUTURE)
AIRPORT PROPERTY LINE	---	---
FENCE	---	---
RUNWAY SAFETY AREA (RSA)	---	---
OBJECT FREE ZONE (OFZ)	---	---
RUNWAY OBJECT FREE AREA (ROFA)	---	---
RUNWAY PROTECTION ZONE (RPZ)	---	---
AIRPORT REFERENCE POINT (ARP)	---	---
AIRPORT BUILDINGS	---	---
WETLAND	---	---
WATER BODY	---	---
STREAM	---	---
PAVEMENT	---	---
FUTURE DEVELOPMENT	---	---
FUTURE LAND ACQUISITION	---	---
AIRPORT ROTATING BEACON	---	---
AIRSPACE OBSTRUCTION LIGHT	---	---
TAXIWAY SAFETY AREA (TSA)	---	---
TAXIWAY OBJECT FREE AREA (TOFA)	---	---
BUILDING RESTRICTION LINE (BRL)	---	---
AVIGATION EASEMENT	---	---
PART 77 SURFACES	---	---
THRESHOLD SITING CRITERIA SURFACES	---	---
SURVEY MONUMENTS (PACS/SACS)	---	---

R = REMOVE



GENERAL NOTES:
 1. THESE ALP DRAWINGS ARE FOR PLANNING PURPOSES ONLY. THE DRAWING INFORMATION, INCLUDING LOCATION DETAILS AND ELEVATIONS SHOULD NOT BE USED FOR CONSTRUCTION. TO PROTECT THE AIRPORT'S OPERATIONAL SAFETY AND FUTURE DEVELOPMENT, ALL PROPOSED CONSTRUCTION ON THE AIRPORT MUST BE COORDINATED BY THE AIRPORT OWNER WITH FAA / MAINE DOT BUREAU OF PLANNING-AVIATION PROGRAM PRIOR TO CONSTRUCTION.
 2. ALP REFLECTS DESIGN STANDARDS PER FAA ADVISORY CIRCULAR 150/5300-13A, AIRPORT DESIGN.
 3. LINE OF SIGHT CRITERIA BASED ON REQUIRED CLEARANCE REQUIREMENTS PER FAA ORDER 6850.2B.
 4. REFERENCE ALP DATA SHEET (SHEET 4 OF 8) FOR APPLICATION TO DESIGN STANDARDS AND SUPPORTING ALP DATA.
 5. COORDINATE/ELEVATION INFORMATION IS NAD83/NAVD83. ELEVATIONS EXPRESSED IN MEAN SEA LEVEL (MSL).
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 8. ALL AIRPORT PROPERTY NOT SPECIFICALLY IDENTIFIED FOR EXISTING OR FUTURE USE IS RESERVED FOR FUTURE AVIATION RELATED DEVELOPMENT.
 9. TRAVERSE ELEVATIONS SHOWN DO NOT INCLUDE THE TRAVERSE WAY ADJUSTMENT.
 10. WETLAND DATA IS FROM NATIONAL WETLANDS INVENTORY (NWI).
 11. AERIAL IMAGERY FROM GOOGLE EARTH.
 12. CONTOURS FROM MAINE GIS.

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



CADD FILE NO. 117-005 SHEET LAYOUT.dwg
 A.I.P. PROJECT NO. 3-23-0007-13-2014

REV.	DATE	DESCRIPTION

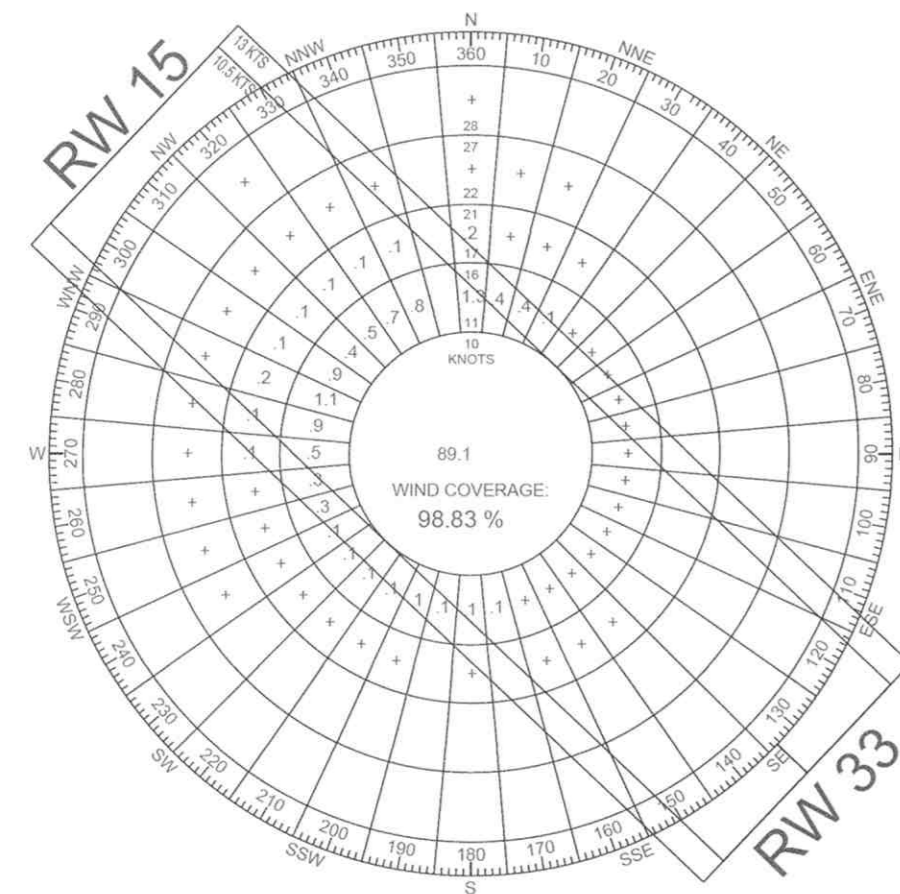
AIRPORT SOLUTIONS GROUP
 INNOVATION BY DESIGN
 PHONE (781) 491-0003 FAX (781) 491-0060
 AIRPORT CONSULTANTS - BURLINGTON, MASSACHUSETTS

BELFAST MUNICIPAL AIRPORT
 LITTLE RIVER DRIVE
 BELFAST, ME 04915
 (207) 338-4736

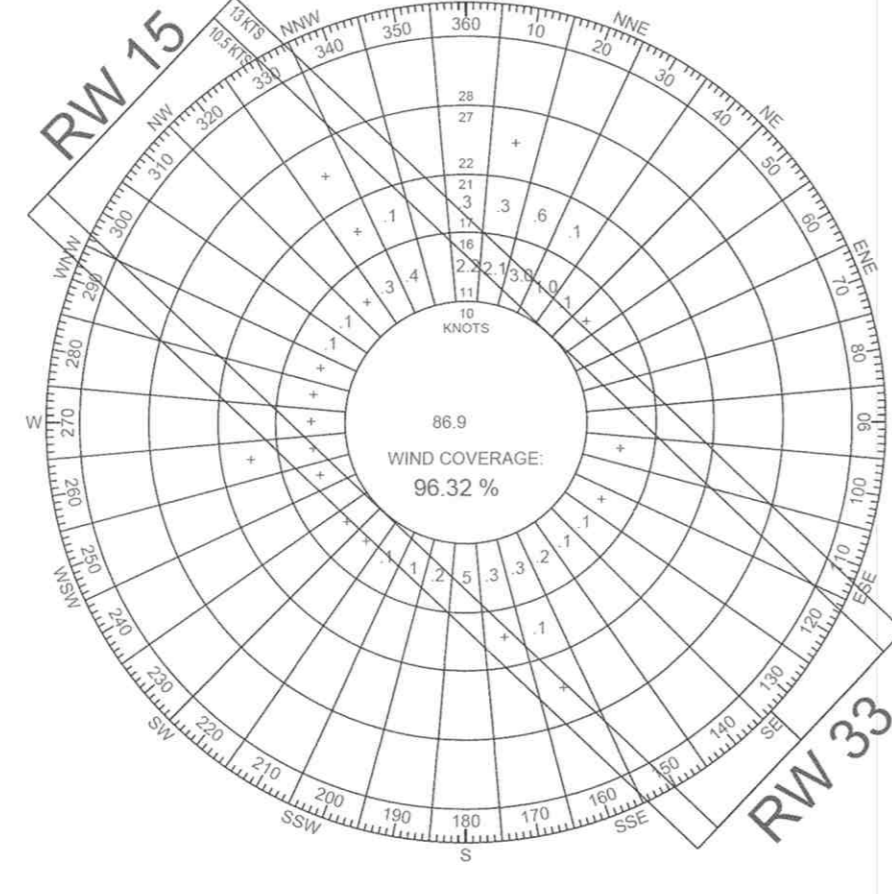
SHEET TITLE: **ULTIMATE AIRPORT LAYOUT PLAN**
 PROJECT: **BELFAST MUNICIPAL AIRPORT 2016 AIRPORT MASTER PLAN UPDATE**
 DESIGNER: RAL CADD TECH: JMT APPROVED: C-W

AIRPORT WIND ROSES

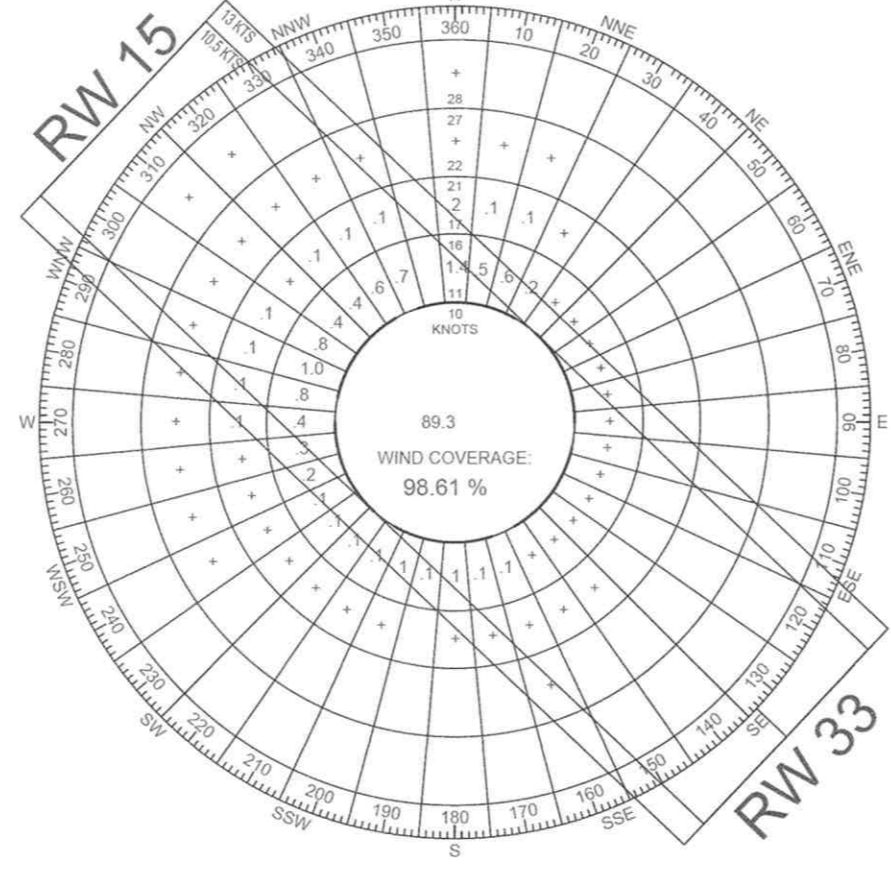
VFR WIND ROSE



IFR WIND ROSE



ALL-WEATHER WIND ROSE



Runway	Wind Coverage Provided Under VFR* Conditions 5-Knot Tailwind to Maximum Headwind	
	10.5-knot	13-knot
Runway 15	74.03%	74.48%
Runway 33	93.03%	94.66%
Runway 15/33	97.06%	98.63%

* Ceiling greater than 1,000 feet and/or visibility greater than three miles.

Runway	Wind Coverage Provided Under IFR* Conditions 5-Knot Tailwind to Maximum Headwind	
	10.5-knot	13-knot
Runway 15	83.39%	84.88%
Runway 33	82.59%	86.45%
Runway 15/33	92.08%	96.32%

* Ceiling less than or equal to 1,000 feet and/or visibility less than 3 miles and ceiling greater than or equal to 300 feet and visibility greater than or equal to 1.00 miles.

Runway	Wind Coverage Provided Under All-Weather Conditions 5-Knot Tailwind to Maximum Headwind	
	10.5-knot	13-knot
Runway 15	75.85%	76.36%
Runway 33	92.34%	94.13%
Runway 15/33	96.67%	98.61%

NOTE: Wind Data was obtained from National Oceanic and Atmospheric Administration, National Climatic Data Center, Station 72607, WATERVILLE MAINE, 2000-2009

SUMMARY OF AIRPORT DESIGN DATA

AIRPORT DESIGN DATA ELEMENT	EXISTING CONDITIONS - FAA STANDARDS		ULTIMATE CONDITIONS - FAA STANDARDS	
	15	33	15	33
DESIGN AIRCRAFT	KING AIR 90			
RUNWAY CLASSIFICATION (AC MGTOW)	OTHER THAN UTILITY (30,000 LBS)			
PAVEMENT CONDITION NUMBER (PCN)	2.6 - F - B - Y - U			
RUNWAY DESIGN CODE (RDC)	B-II-4000			
RUNWAY LENGTH	4,000'		5,010'	
RUNWAY WIDTH	100'			
RUNWAY END LOCATION - LATITUDE (NAD83)*	44° 24' 47.3914" N	44° 24' 20.2352" N	44° 24' 51.0575" N	44° 24' 17.0438" N
RUNWAY END LOCATION - LONGITUDE (NAD83)*	69° 01' 02.5964" W	69° 00' 22.5819" W	69° 01' 07.9996" W	69° 00' 17.8805" W
RUNWAY END ELEVATION (MSL)†	197.7'	158.5'	197.5'	158.5'
TOUCHDOWN ZONE ELEVATION (MSL)†	197.7'	187.9'	197.5'	187.9'
RUNWAY APPROACH TYPE	NON-PRECISION	NON-PRECISION	NON-PRECISION	NON-PRECISION
VISIBILITY MINIMUMS	1 mile	½ mile	½ mile	½ mile
RUNWAY APPROACH SLOPE (FAF PART 77)	34:1	34:1	34:1	34:1
RUNWAY APPROACH SLOPE (TH SITING CRITERIA)	20:1 TYPE 5	20:1 TYPE 6	20:1 TYPE 6	20:1 TYPE 6
AERONAUTICAL SURVEY REQUIRED FOR APPROACH	VGS (PA & APV) NDBS	VGS (PA & APV) NDBS	VGS (PA & APV) NDBS	VGS (PA & APV) NDBS
RUNWAY DEPARTURE SURFACE	N/A	N/A	N/A	N/A
RUNWAY DISPLACED THRESHOLD	N/A	N/A	300'	300'
RW DISPLACED TH LOCATION - LATITUDE*	N/A	N/A	44° 24' 49.0208" N	44° 24' 19.0809" N
RW DISPLACED TH LOCATION - LONGITUDE*	N/A	N/A	69° 01' 04.9978" W	69° 00' 20.8814" W
RW DISPLACED TH LOCATION - ELEVATION (MSL)†	N/A	N/A	197.5'	158.5'
RUNWAY SAFETY AREA (RSA) WIDTH	150'	150'	150'	150'
RUNWAY SAFETY AREA (RSA) LENGTH BEYOND RW	300'	300'	300'	300'
RUNWAY PROTECTION ZONE (RPZ) - LxWxW	1000x500x700'	1700x1000x1510'	1700x1000x1510'	1700x1000x1510'
RUNWAY OBSTACLE FREE ZONE (ROFZ) WIDTH	250'	250'	250'	250'
RUNWAY OBSTACLE FREE ZONE (ROFZ) LENGTH BEYOND RW	200'	200'	200'	200'
RUNWAY OBJECT FREE AREA (ROFA) WIDTH	500'	500'	500'	500'
RUNWAY OBJECT FREE AREA (ROFA) LENGTH BEYOND RW	300'	300'	300'	300'
RUNWAY SURFACE TYPE	ASPHALT		ASPHALT	
SURFACE TREATMENT	NOT APPLICABLE		NOT APPLICABLE	
RUNWAY PAVEMENT DESIGN STRENGTH**	30,000 LBS SW		30,000 LBS SW	
RUNWAY EFFECTIVE GRADIENT	0.98%		0.77%	
RUNWAY MARKINGS	NON-PRECISION	NON-PRECISION	NON-PRECISION	NON-PRECISION
RUNWAY EDGE LIGHTING	MIRLS (BST)			
RUNWAY APPROACH LIGHTING	REIL (BST)	REIL (BST)	REIL (BST)	REIL (BST)
RUNWAY VISUAL APPROACH AIDS	NONE	NONE	PAPI	PAPI
RUNWAY INSTRUMENT NAVIGATIONAL AIDS	RNAV, NDB	RNAV, NDB	RNAV	RNAV
TAXIWAY DESIGN GROUP (TDG)	1A		1A	
TAXIWAY WIDTH	40'		25'	
TAXIWAY EDGE LIGHTING	N/A		MITLS	
TAXIWAY MARKINGS	CL & HOLDING POSITIONS		CL & HOLDING POSITIONS	
TAXIWAY SAFETY AREA WIDTH (TSA)	75'		75'	
TAXIWAY OBJECT FREE AREA WIDTH (TOFA)	131'		131'	
TAXIWAY CENTERLINE TO FIXED/MOVABLE OBJECT	65.5'		65.5'	
TAXIWAY CENTERLINE TO PARALLEL RUNWAY	240'		240'	

* EXISTING RUNWAY LOCATION AND ELEVATION DATA, INCLUDING DISPLACED THRESHOLD, DATA IS EXPRESSED IN NAD83 AND NAVD88 AS APPLICABLE.

** PAVEMENT STRENGTHS ARE EXPRESSED IN SINGLE WHEEL (SW) AND DUAL WHEEL (DW) LOADING CAPACITIES - K = 1,000 LBS

*** OTHER SPECIFIC EXISTING RUNWAY DATA WAS OBTAINED FROM PLANS OF RECORD

AIRPORT DATA

	EXISTING	FUTURE
AIRPORT ELEVATION	197.7	197.5
AIRPORT REFERENCE POINT (ARP) COORDINATES (NAD83)	LAT. 44° 24' 33.80" N LONG. 69° 00' 42.60" W	LAT. 44° 24' 34.05" N LONG. 69° 00' 42.94" W
MEAN MAX. TEMP. (HOTTEST MONTH) - AUGUST	81°F	81°F
FUNCTIONAL ROLE (NPIAS)	GENERAL AVIATION (GA)	GENERAL AVIATION (GA)
FUNCTIONAL ROLE (FAA ASSET)	LOCAL	LOCAL
FUNCTIONAL ROLE (ME STATEWIDE AIRPORT SYSTEM PLAN)	LEVEL III	LEVEL III
AIRPORT CLASSIFICATION	OTHER THAN UTILITY	OTHER THAN UTILITY
AIRPORT REFERENCE CODE (ARC)	B-II	B-II
AIRPORT NAVIGATIONAL AIDS	WINDCONE, SEGMENTED CIRCLE, AWOS, BEACON, NDB	WINDCONE, SEGMENTED CIRCLE, AWOS, BEACON
AIRPORT MAGNETIC DECLINATION SOURCE: NOAA MAGNETIC FIELD CALCULATOR	16°02'00"W, +/- 0.37", changing by 0.09"E per year	

DECLARED DISTANCES

	RUNWAY 15	RUNWAY 33
TAKEOFF RUN AVAILABLE (TORA)	4000'	4710'
TAKEOFF DISTANCE AVAILABLE (TODA)	4000'	4710'
ACCELERATE-STOP DISTANCE AVAILABLE (ASDA)	4000'	4710'
LANDING DISTANCE AVAILABLE (LDA)	4000'	4400'

MODIFICATION TO STANDARDS

APPROVED: NONE
REQUESTED: NONE

THE UNDERSIGNED CERTIFIES THAT AIRPORT ELEMENTS SHOWN ON THIS ALP ARE IN ACCORDANCE WITH CRITERIA CONTAINED IN THE CURRENT EDITION OF THE FAA ADVISORY CIRCULAR 150/5300-13A (SEPTEMBER 28, 2012) EXCEPT AS NOTED ABOVE.

SIGNATURE OF SPONSOR _____

DATE _____

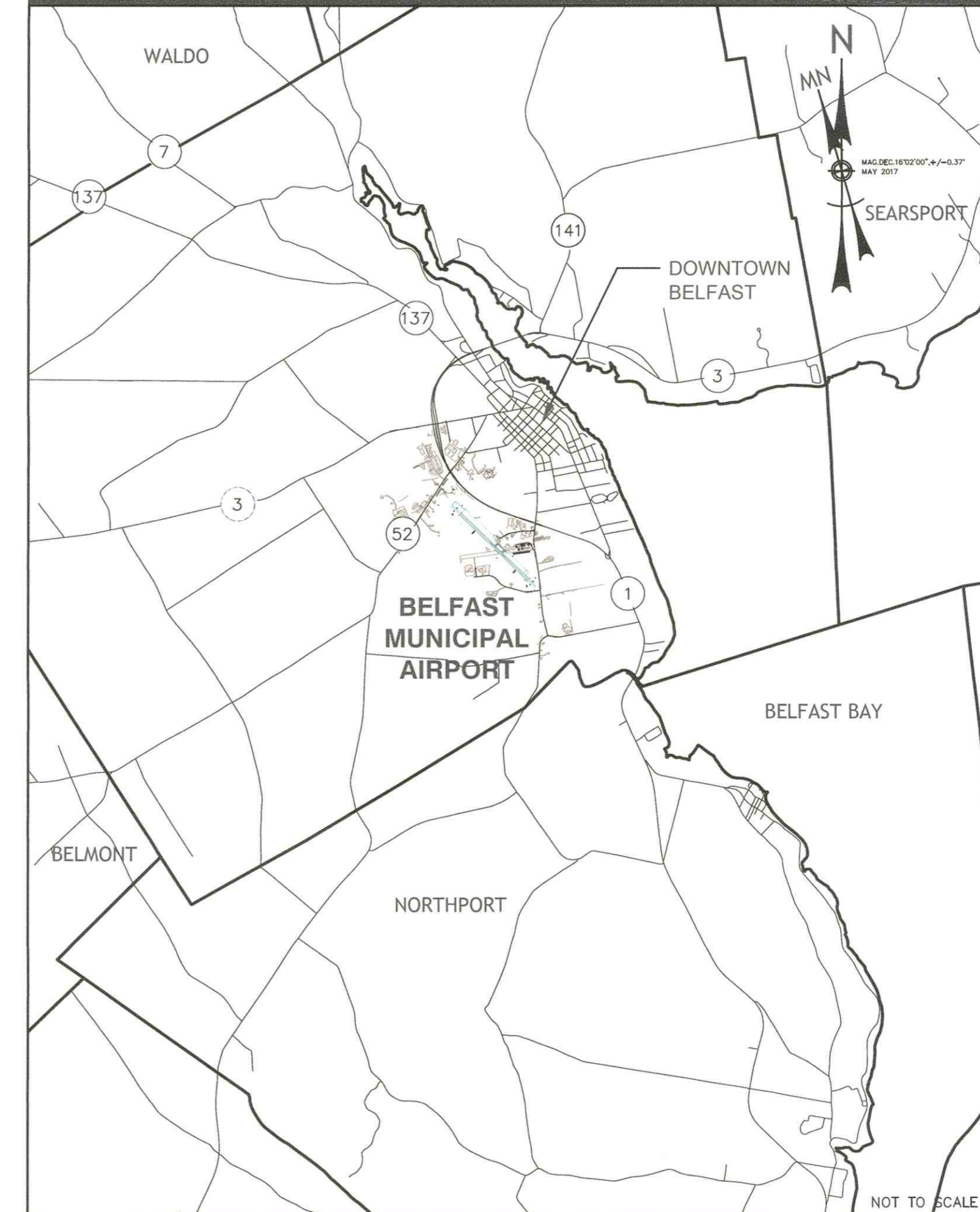
SOURCE INFORMATION

- EXISTING DESIGN AIRCRAFT (KING AIR 90) WAS OBTAINED FROM 2008 ALP UPDATE; ULTIMATE DESIGN AIRCRAFT (KING AIR 90) WAS OBTAINED FROM 2016 MASTER PLAN UPDATE
- EXISTING RUNWAY END LOCATION & ELEVATION DATA WAS OBTAINED FROM 2008 ALP UPDATE
- EXISTING RUNWAY PAVEMENT DESIGN STRENGTH WAS OBTAINED FROM 2008 ALP UPDATE
- TEMPERATURE DATA FROM NOAA NATIONAL CENTERS FOR ENVIRONMENTAL INFORMATION, CLIMATE AT A GLANCE: U.S. TIME SERIES, MAXIMUM TEMPERATURE, PUBLISHED JULY 2017, RETRIEVED ON JULY 12, 2017 FROM HTTP://WWW.NCEP.NOAA.GOV/CAI/
- FAA SECTIONAL CHART FROM AIRNAV
- VICINITY MAP FROM MAINE GIS

LOCATION MAP



AIRPORT VICINITY MAP



CADD FILE NO. 117-005 SHEET-TECHNICAL-DATA.dwg
A.I.P. PROJECT. NO. 3-23-0007-13-2014

AIRPORT SOLUTIONS GROUP
INNOVATION BY DESIGN
PHONE (781) 481-0083 FAX (781) 481-0360
AIRPORT CONSULTANTS - BURLINGTON, MASSACHUSETTS

BELFAST MUNICIPAL AIRPORT
LITTLE RIVER DRIVE
BELFAST, ME 04915
(207) 338-4736

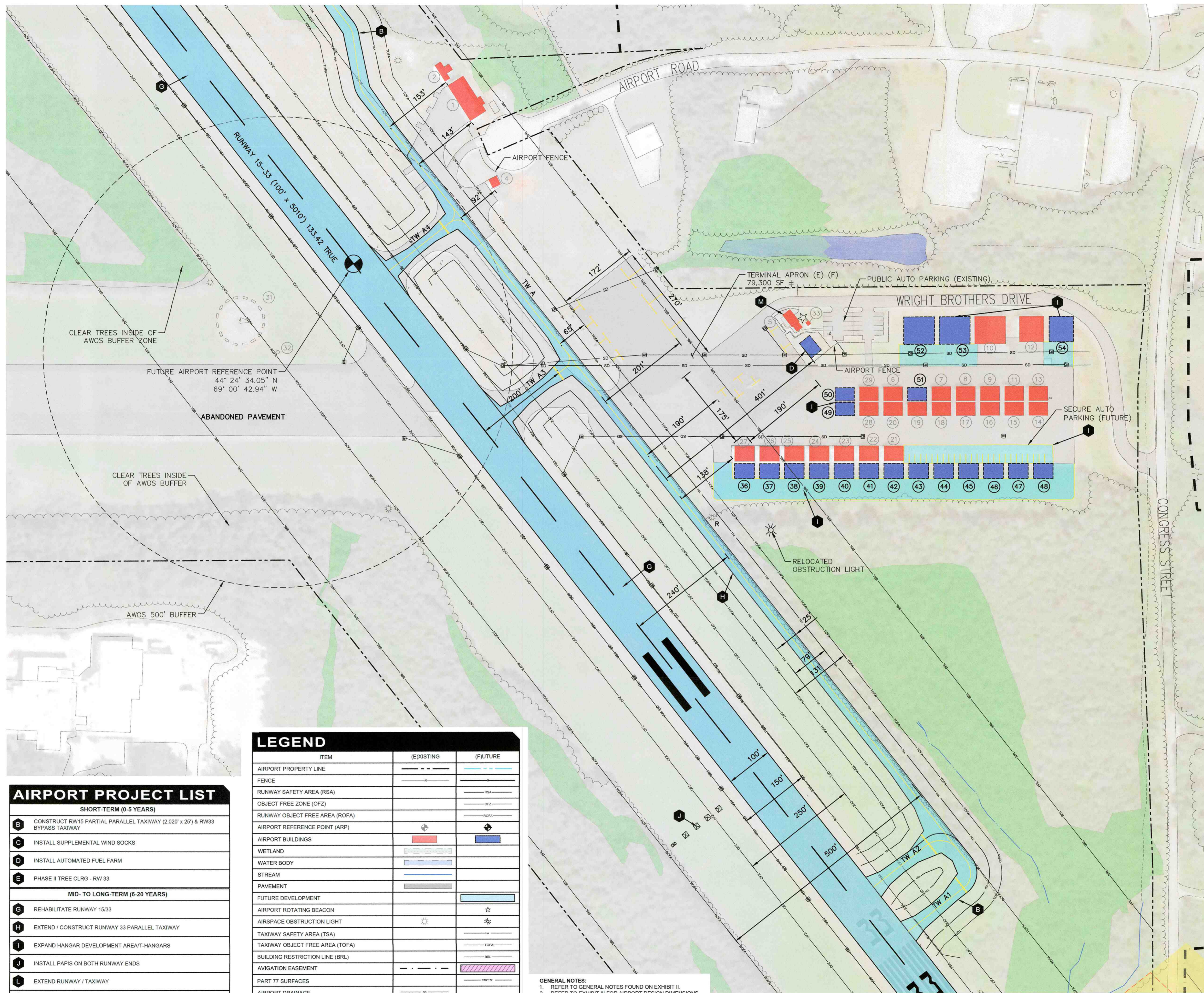
TECHNICAL DATA SHEET

BELFAST MUNICIPAL AIRPORT
2016 AIRPORT MASTER PLAN UPDATE

MARCH 2018

EXHIBIT III

SHEET 4 OF 8

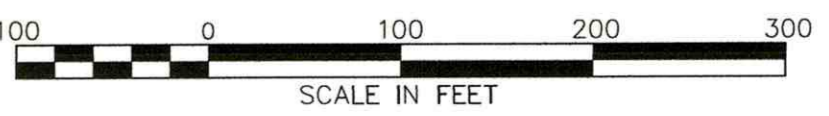


FACILITIES LIST

BLDG NO.	TYPE	OWNER
1	#	MAINTENANCE HANGAR
2	#	HANGAR
3	#	HANGAR
4	#	NON-DIRECTIONAL BEACON
5	#	MAINT. STORAGE SHED
22		TERMINAL/ADMIN BUILDING
18-22		HANGAR
18-24		HANGAR
18-25		HANGAR
18-26		HANGAR
18-14		HANGAR
18-27		HANGAR
18-15		HANGAR
18-28		HANGAR
18-38		HANGAR
18-37		HANGAR
18-36		HANGAR
18-35		HANGAR
18-34		HANGAR
18-33		HANGAR
18-32		HANGAR
18-47		HANGAR
18-46		HANGAR
18-45		HANGAR
18-44		HANGAR
18-43		HANGAR
18-42		HANGAR
18-41		HANGAR
18-31		HANGAR
18-21		HANGAR
na	REILS (R)	BST
na	WIND CONE	BST
na	AWOS	THE LIFEFLIGHT FOUNDATION
na	AIRFIELD ELEC. VAULT	BST

FACILITIES LIST

PROPOSED		
BLDG NO.	TYPE	OWNER
34	na	PAPIS
35	na	REILS
36	na	HANGAR
37	na	HANGAR
38	na	HANGAR
39	na	HANGAR
40	na	HANGAR
41	na	HANGAR
42	na	HANGAR
43	na	HANGAR
44	na	HANGAR
45	na	HANGAR
46	na	HANGAR
47	na	HANGAR
48	na	HANGAR
49	na	HANGAR
50	na	HANGAR
51	na	HANGAR
52	na	HANGAR
53	na	HANGAR
54	na	HANGAR



LEGEND

ITEM	(EXISTING)	(FUTURE)
AIRPORT PROPERTY LINE	---	---
FENCE	---	---
RUNWAY SAFETY AREA (RSA)	---	---
OBJECT FREE ZONE (OFZ)	---	---
RUNWAY OBJECT FREE AREA (ROFA)	---	---
AIRPORT REFERENCE POINT (ARP)	+	+
AIRPORT BUILDINGS	█	█
WETLAND	█	█
WATER BODY	█	█
STREAM	█	█
PAVEMENT	█	█
FUTURE DEVELOPMENT	█	█
AIRPORT ROTATING BEACON	☆	☆
AIRSPACE OBSTRUCTION LIGHT	☆	☆
TAXIWAY SAFETY AREA (TSA)	---	---
TAXIWAY OBJECT FREE AREA (TOFA)	---	---
BUILDING RESTRICTION LINE (BRL)	---	---
AVIGATION EASEMENT	---	---
PART 77 SURFACES	---	---
AIRPORT DRAINAGE	---	---

GENERAL NOTES:
 1. REFER TO GENERAL NOTES FOUND ON EXHIBIT II.
 2. REFER TO EXHIBIT III FOR AIRPORT DESIGN DIMENSIONS.

AIRPORT PROJECT LIST

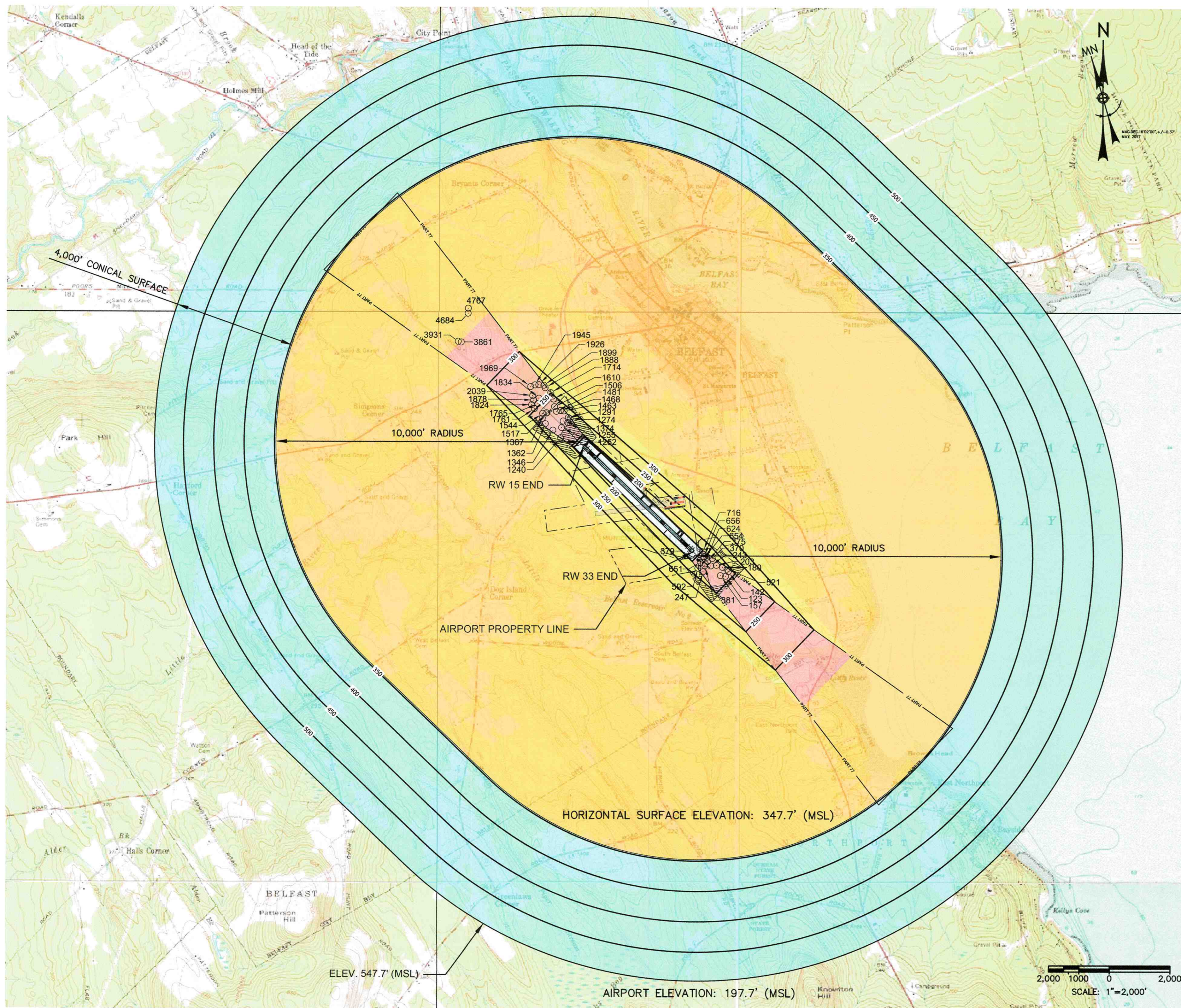
SHORT-TERM (0-5 YEARS)	
B	CONSTRUCT RW15 PARTIAL PARALLEL TAXIWAY (2,020' x 25') & RW33 BYPASS TAXIWAY
C	INSTALL SUPPLEMENTAL WIND SOCKS
D	INSTALL AUTOMATED FUEL FARM
E	PHASE II TREE CLRG - RW 33
MID- TO LONG-TERM (6-20 YEARS)	
G	REHABILITATE RUNWAY 15/33
H	EXTEND / CONSTRUCT RUNWAY 33 PARALLEL TAXIWAY
I	EXPAND HANGAR DEVELOPMENT AREA-HANGARS
J	INSTALL PAPIS ON BOTH RUNWAY ENDS
L	EXTEND RUNWAY / TAXIWAY
M	REHABILITATE / UPGRADE TERMINAL BUILDING

CADD FILE NO. 117-005 SHEET.LAYOUT.dwg
 A.I.P. PROJECT. NO. 3-23-0007-13-2014

AIRPORT SOLUTIONS GROUP
 INNOVATION BY DESIGN
 PHONE (781) 491-0083 FAX (781) 491-0860
 AIRPORT CONSULTANTS BURLINGTON, MASSACHUSETTS

BEFAST MUNICIPAL AIRPORT
 LITTLE RIVER DRIVE
 BELFAST, ME 04915
 (207) 338-4736

SHEET TITLE
 TERMINAL AREA PLAN
 PROJECT
 BELFAST MUNICIPAL AIRPORT
 2016 AIRPORT MASTER PLAN UPDATE
 DESIGNER: RAL CADD TECH: JMT APPROVED: C-W



PART 77 APPROACH OBSTRUCTIONS

OBJECT NUMBER	DESCRIPTION	GROUND SURFACE ELEVATION (FT MSL)	OBJECT ELEVATION (FT MSL)	SURFACE PENETRATION (FT)	PART 77 SURFACE	PART 77 MITIGATION / DISPOSITION**
123	TREE	102.2	194.7	2.8	APPROACH	NO ACTION PENDING FURTHER ANALYSIS
142	TREE	104.8	197.8	7.2	APPROACH	NO ACTION PENDING FURTHER ANALYSIS
157	TREE	103.3	191.6	3.8	APPROACH	NO ACTION PENDING FURTHER ANALYSIS
180	TREE	107.0	194.4	10.6	APPROACH	NO ACTION PENDING FURTHER ANALYSIS
203	TREE	108.7	188.8	10.7	APPROACH	NO ACTION PENDING FURTHER ANALYSIS
243	TREE	108.8	190.6	16.0	APPROACH	NO ACTION PENDING FURTHER ANALYSIS
247	TREE	94.5	186.9	13.9	APPROACH	NO ACTION PENDING FURTHER ANALYSIS
370	TREE	111.4	193.6	23.0	APPROACH	NO ACTION PENDING FURTHER ANALYSIS
375	TREE	109.5	186.0	16.6	APPROACH	NO ACTION PENDING FURTHER ANALYSIS

GENERAL NOTES:
 1. ALL ELEVATIONS ARE TO MEAN SEA LEVEL (MSL).
 2. COORDINATES AND NORTH ORIENTATION REFERENCE THE MAINE COORDINATE SYSTEM OF 1983, EAST ZONE WITH UNITS OF US SURVEY FEET.
 3. CONTOURS AND SPOT ELEVATIONS SHOWN REFERENCE THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) AS DETERMINED BY LOCAL BENCHMARKS BELFORT, BELFORT AZ MKR AND B51 A.
 4. SEE INNER PORTION OF THE APPROACH PLAN AND PROFILE SHEETS FOR CLOSE IN OBSTRUCTIONS.
 5. MAPPING SHOWN IS BASED ON FIELD WORK CONDUCTED IN JULY OF 2015 BY PLISGA & DAY LAND SURVEYORS, BANGOR, MAINE.
 6. TREETOP SURVEY DATA FROM COL EAST DATED OCTOBER 2012.
 7. IMAGE SOURCE: USGS.GOV, USGS US TOPO 7.5 MINUTE MAPS, V1979 & V2012

PART 77 APPROACH OBSTRUCTIONS

OBJECT NUMBER	DESCRIPTION	GROUND SURFACE ELEVATION (FT MSL)	OBJECT ELEVATION (FT MSL)	SURFACE PENETRATION (FT)	PART 77 SURFACE	PART 77 MITIGATION / DISPOSITION**
379	TREE	105.9	190.4	21.1	APPROACH	NO ACTION PENDING FURTHER ANALYSIS
381	TREE	104.0	182.5	12.3	APPROACH	NO ACTION PENDING FURTHER ANALYSIS
521	TREE	106.6	199.6	11.5	APPROACH	NO ACTION PENDING FURTHER ANALYSIS
592	TREE	105.8	190.0	22.9	APPROACH	NO ACTION PENDING FURTHER ANALYSIS
624	TREE	111.1	179.7	13.8	APPROACH	NO ACTION PENDING FURTHER ANALYSIS
651	TREE	107.1	180.7	15.8	APPROACH	NO ACTION PENDING FURTHER ANALYSIS
654	TREE	106.0	185.4	20.8	APPROACH	NO ACTION PENDING FURTHER ANALYSIS
656	TREE	111.2	185.8	22.3	APPROACH	NO ACTION PENDING FURTHER ANALYSIS
716	TREE	112.5	181.5	22.2	APPROACH	NO ACTION PENDING FURTHER ANALYSIS

** OFF AIRPORT PART 77 OBSTRUCTIONS WILL REQUIRE ADDITIONAL ANALYSIS TO IDENTIFY ANY APPROPRIATE MITIGATION MEASURES
 ** THESE POINT ARE IN ADDITION TO POINTS IN THE TABLE ON EXHIBIT VI.

PART 77 DIMENSIONAL CRITERIA

EXISTING CONDITIONS **							
RUNWAY	RUNWAY CLASSIFICATION	APPROACH PROCEDURE	VISIBILITY MINIMUMS	PRIMARY SURFACE	INNER APPROACH WIDTH	OUTER APPROACH WIDTH	APPROACH SLOPE
15	OTHER THAN UTILITY	NON-PRECISION	1 MI.	500'	500'	3,500'	34:1
33	OTHER THAN UTILITY	NON-PRECISION	½ MI.	500'	500'	3,500'	34:1

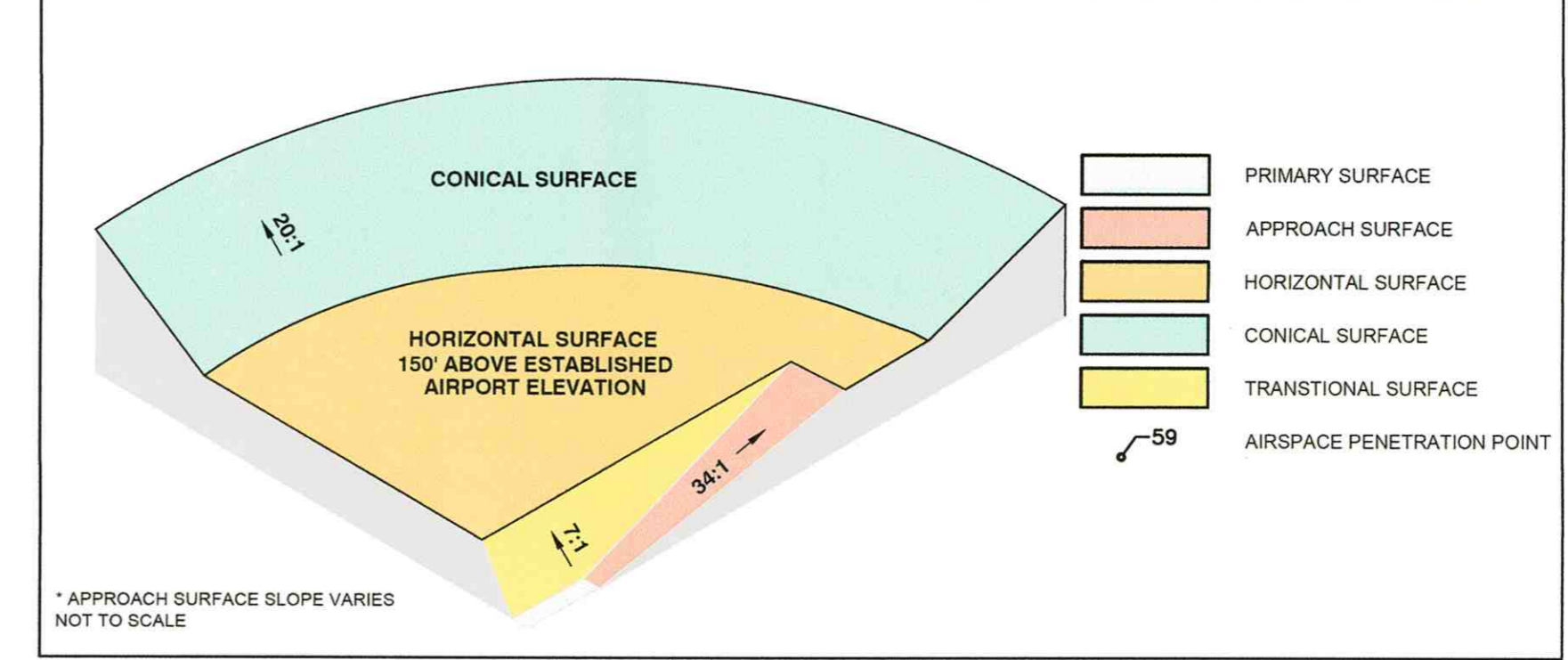
ULTIMATE CONDITIONS							
RUNWAY	RUNWAY CLASSIFICATION	APPROACH PROCEDURE	VISIBILITY MINIMUMS	PRIMARY SURFACE	INNER APPROACH WIDTH	OUTER APPROACH WIDTH	APPROACH SLOPE
15	OTHER THAN UTILITY	NON-PRECISION	½ MI.	500'	500'	3,500'	34:1
33	OTHER THAN UTILITY	NON-PRECISION	½ MI.	500'	500'	3,500'	34:1

PART 77 IMAGINARY SURFACE DIMENSIONS

TYPE	DIMENSIONAL STANDARDS (FEET)					
	VISUAL RUNWAY		NON-PRECISION INSTRUMENT RUNWAY		PRECISION INSTRUMENT RUNWAY	
	A	B	A	B	C	D
EXISTING RUNWAY ENDS					RW 15 RW 33 RW 15 RW 33	
FUTURE RUNWAY ENDS						
WIDTH OF PRIMARY SURFACE & APPROACH SURFACE AT INNER END	250'	500'	500'	500'	1,000'	1,000'
PRIMARY SURFACE BEYOND RW END	200'	200'	200'	200'	200'	200'
RADIUS OF HORIZONTAL SURFACE	5,000'	5,000'	5,000'	5,000'	10,000'	10,000'
APPROACH SURFACE WIDTH AT END	1,250'	1,500'	2,000'	3,500'	4,000'	16,000'
APPROACH SURFACE LENGTH	5,000'	5,000'	5,000'	10,000'	10,000'	50,000'
APPROACH SURFACE SLOPE	20:1	20:1	20:1	34:1	34:1	50:1 / 40:1 *
TRANSITIONAL SURFACE SLOPE	7:1	7:1	7:1	7:1	7:1	7:1
CONICAL SURFACE HORIZONTAL DIST	4,000'	4,000'	4,000'	4,000'	4,000'	4,000'
CONICAL SURFACE SLOPE	20:1	20:1	20:1	20:1	20:1	20:1

RUNWAY TYPE: A - UTILITY RUNWAY; B - OTHER THAN UTILITY RUNWAY
 VISIBILITY TYPE: C - VISIBILITY MINIMUMS GREATER THAN 3/4 MILE; D - VISIBILITY MINIMUMS AS LOW AS 3/4 MILE

ISOMETRIC VIEW OF PART 77 SURFACES



* APPROACH SURFACE SLOPE VARIES NOT TO SCALE

PART 77 APPROACH OBSTRUCTIONS

OBJECT NUMBER	DESCRIPTION	GROUND SURFACE ELEVATION (FT MSL)	OBJECT ELEVATION (FT MSL)	SURFACE PENETRATION (FT)	PART 77 SURFACE	PART 77 MITIGATION / DISPOSITION**
1240	TREE	183.4	232.7	14.2	APPROACH	NO ACTION PENDING FURTHER ANALYSIS
1252	TREE	192.9	250.3	30.8	APPROACH	NO ACTION PENDING FURTHER ANALYSIS
1255	TREE	209.6	248.3	29.7	APPROACH	NO ACTION PENDING FURTHER ANALYSIS
1274	TREE	211.7	248.1	28.4	APPROACH	NO ACTION PENDING FURTHER ANALYSIS
1291	TREE	212.8	272.1	50.6	APPROACH	NO ACTION PENDING FURTHER ANALYSIS
1346	TREE	182.5	238.1	14.2	APPROACH	NO ACTION PENDING FURTHER ANALYSIS
1362	TREE	185.5	249.5	16.0	APPROACH	NO ACTION PENDING FURTHER ANALYSIS
1367	TREE	187.2	267.8	28.5	APPROACH	NO ACTION PENDING FURTHER ANALYSIS
1374	TREE	210.0	244.6	21.8	APPROACH	NO ACTION PENDING FURTHER ANALYSIS
1463	TREE	219.8	272.6	43.5	APPROACH	NO ACTION PENDING FURTHER ANALYSIS
1468	TREE	219.9	282.6	50.9	APPROACH	NO ACTION PENDING FURTHER ANALYSIS
1481	TREE	214.1	280.0	55.9	APPROACH	NO ACTION PENDING FURTHER ANALYSIS
1506	TREE	216.0	282.1	43.5	APPROACH	NO ACTION PENDING FURTHER ANALYSIS
1517	TREE	191.3	270.0	30.2	APPROACH	NO ACTION PENDING FURTHER ANALYSIS
1544	TREE	188.2	273.8	31.5	APPROACH	NO ACTION PENDING FURTHER ANALYSIS
1610	TREE	217.2	280.9	36.6	APPROACH	NO ACTION PENDING FURTHER ANALYSIS
1714	TREE	217.1	290.0	39.4	APPROACH	NO ACTION PENDING FURTHER ANALYSIS
1761	TREE	184.3	263.3	12.0	APPROACH	NO ACTION PENDING FURTHER ANALYSIS
1765	TREE	190.2	270.3	18.1	APPROACH	NO ACTION PENDING FURTHER ANALYSIS
1824	TREE	184.8	278.2	22.3	APPROACH	NO ACTION PENDING FURTHER ANALYSIS
1834	TREE	198.4	285.3	30.2	APPROACH	NO ACTION PENDING FURTHER ANALYSIS
1878	TREE	190.4	270.6	13.2	APPROACH	NO ACTION PENDING FURTHER ANALYSIS
1888	TREE	207.3	283.1	25.5	APPROACH	NO ACTION PENDING FURTHER ANALYSIS
1899	TREE	203.2	292.0	31.7	APPROACH	NO ACTION PENDING FURTHER ANALYSIS
1926	TREE	200.0	278.5	14.3	APPROACH	NO ACTION PENDING FURTHER ANALYSIS
1945	TREE	200.0	281.1	14.3	APPROACH	NO ACTION PENDING FURTHER ANALYSIS
1969	TREE	193.4	277.0	8.2	APPROACH	NO ACTION PENDING FURTHER ANALYSIS
2039	TREE	191.4	281.5	20.4	APPROACH	NO ACTION PENDING FURTHER ANALYSIS
3861	TREE	256.1	353.3	6.4	APPROACH	NO ACTION PENDING FURTHER ANALYSIS
3931	TREE	260.1	360.0	10.4	APPROACH	NO ACTION PENDING FURTHER ANALYSIS
4684	TREE	310.0	368.5	7.0	APPROACH	NO ACTION PENDING FURTHER ANALYSIS
4767	TREE	299.8	375.2	10.4	APPROACH	NO ACTION PENDING FURTHER ANALYSIS

CADD FILE NO. 117-005 SHEET_AIRSPACE.dwg
 A.I.P. PROJECT NO. 3-23-0007-13-2014

REV.	DATE	DESCRIPTION

AIRPORT SOLUTIONS GROUP
 INNOVATION BY DESIGN
 PHONE (781) 491-0083 FAX (781) 491-0360
 AIRPORT CONSULTANTS - BURLINGTON, MASSACHUSETTS

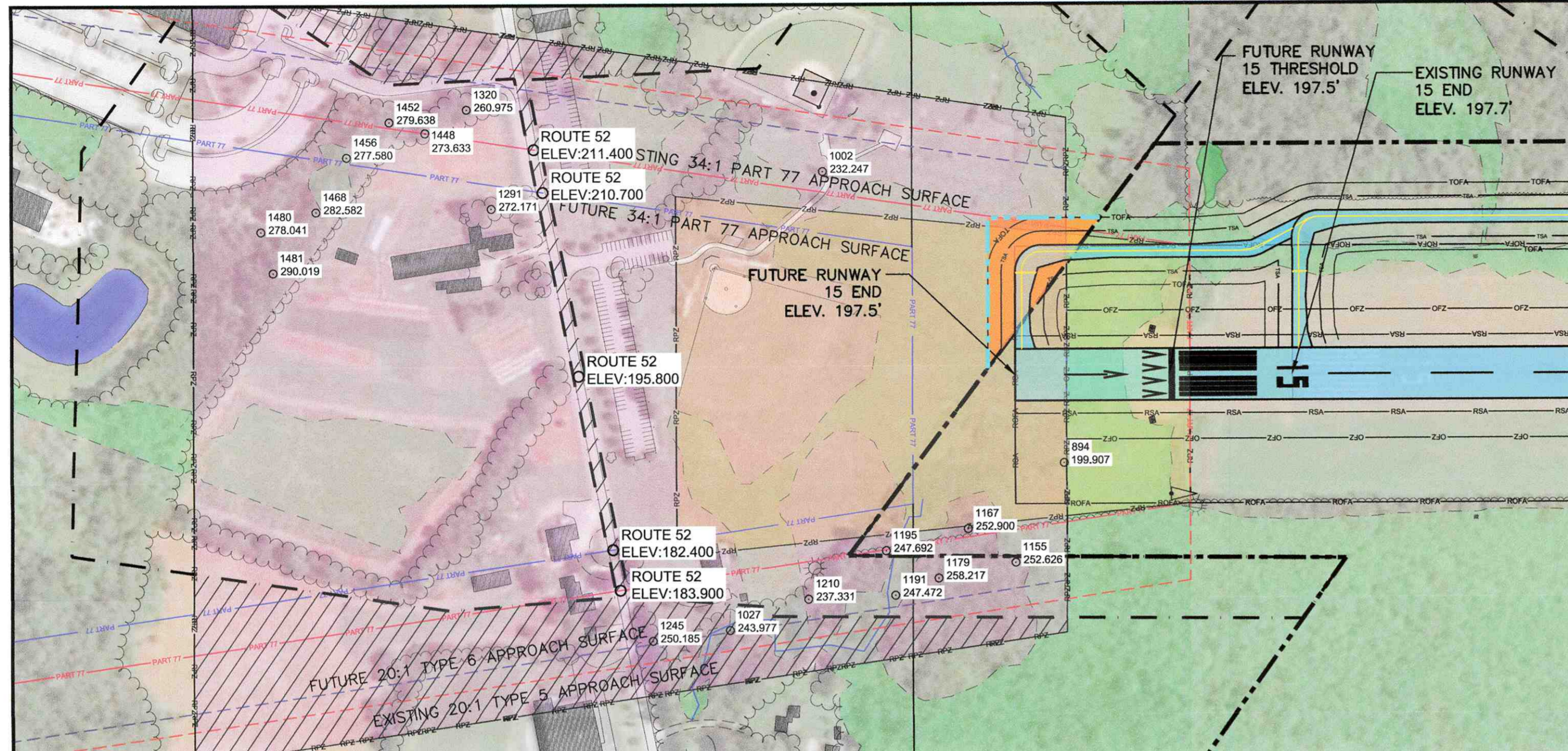
BELFAST MUNICIPAL AIRPORT
 LITTLE RIVER DRIVE
 BELFAST, ME 04915
 (207) 338-4736

SHEET TITLE: AIRPORT AIRSPACE DRAWING (14 CFR PART 77 SURFACE)
 PROJECT: BELFAST MUNICIPAL AIRPORT 2016 AIRPORT MASTER PLAN UPDATE
 DESIGNER: RAL CADD TECH: WJT APPROVED: C-W

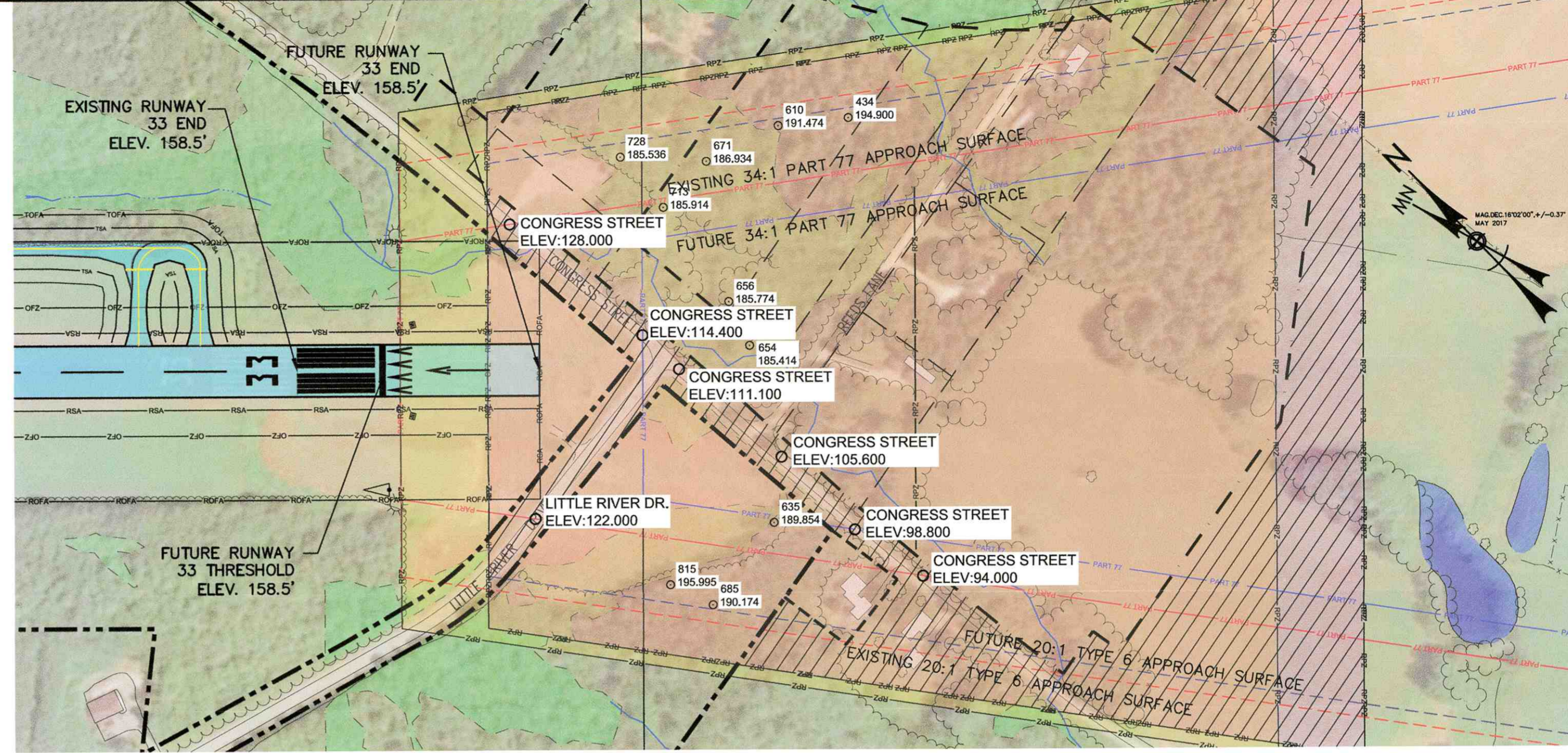
MARCH 2018

EXHIBIT V

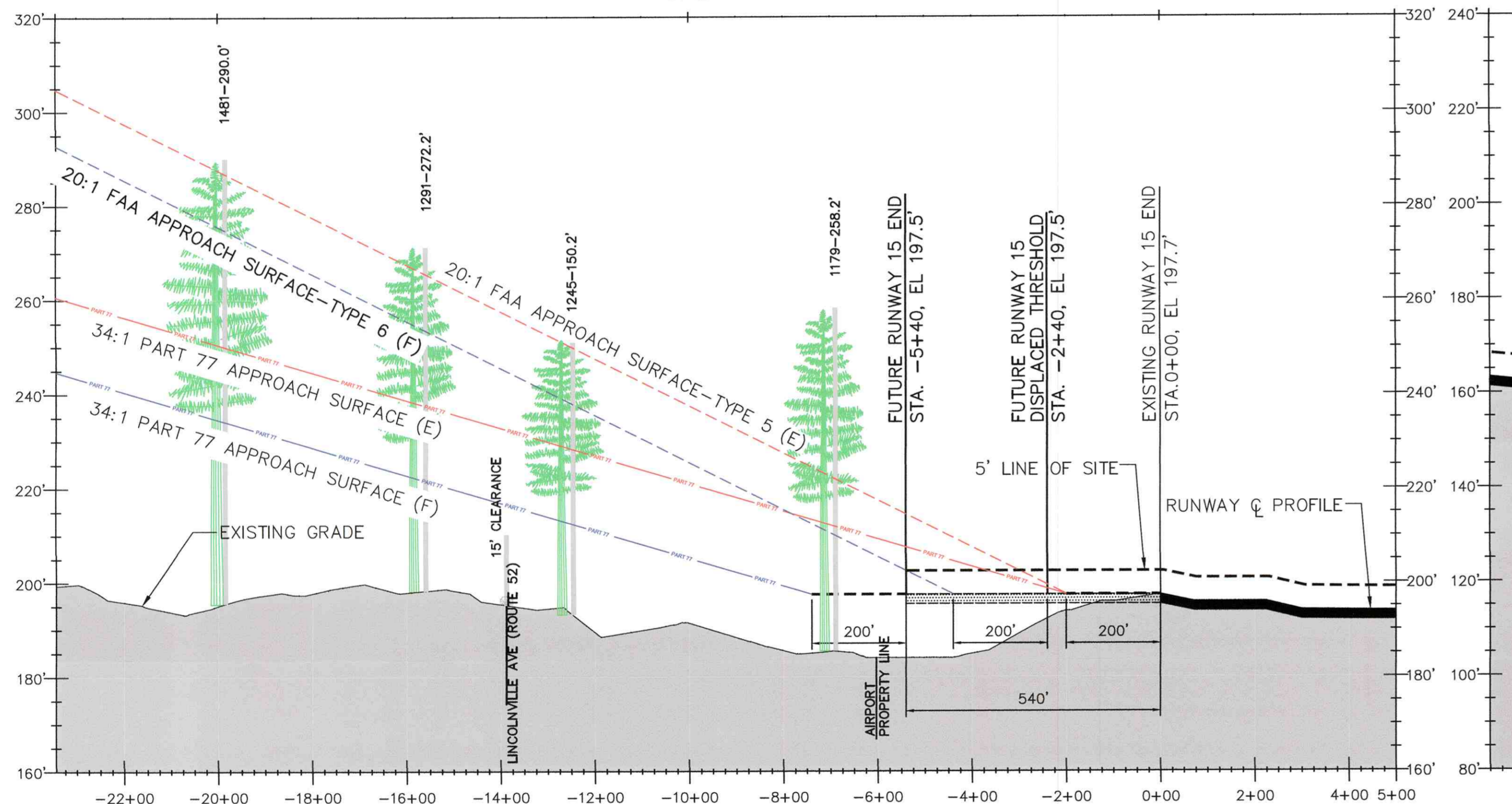
SHEET 6 OF 8



RUNWAY 15 PLAN
SCALE 1" = 200'

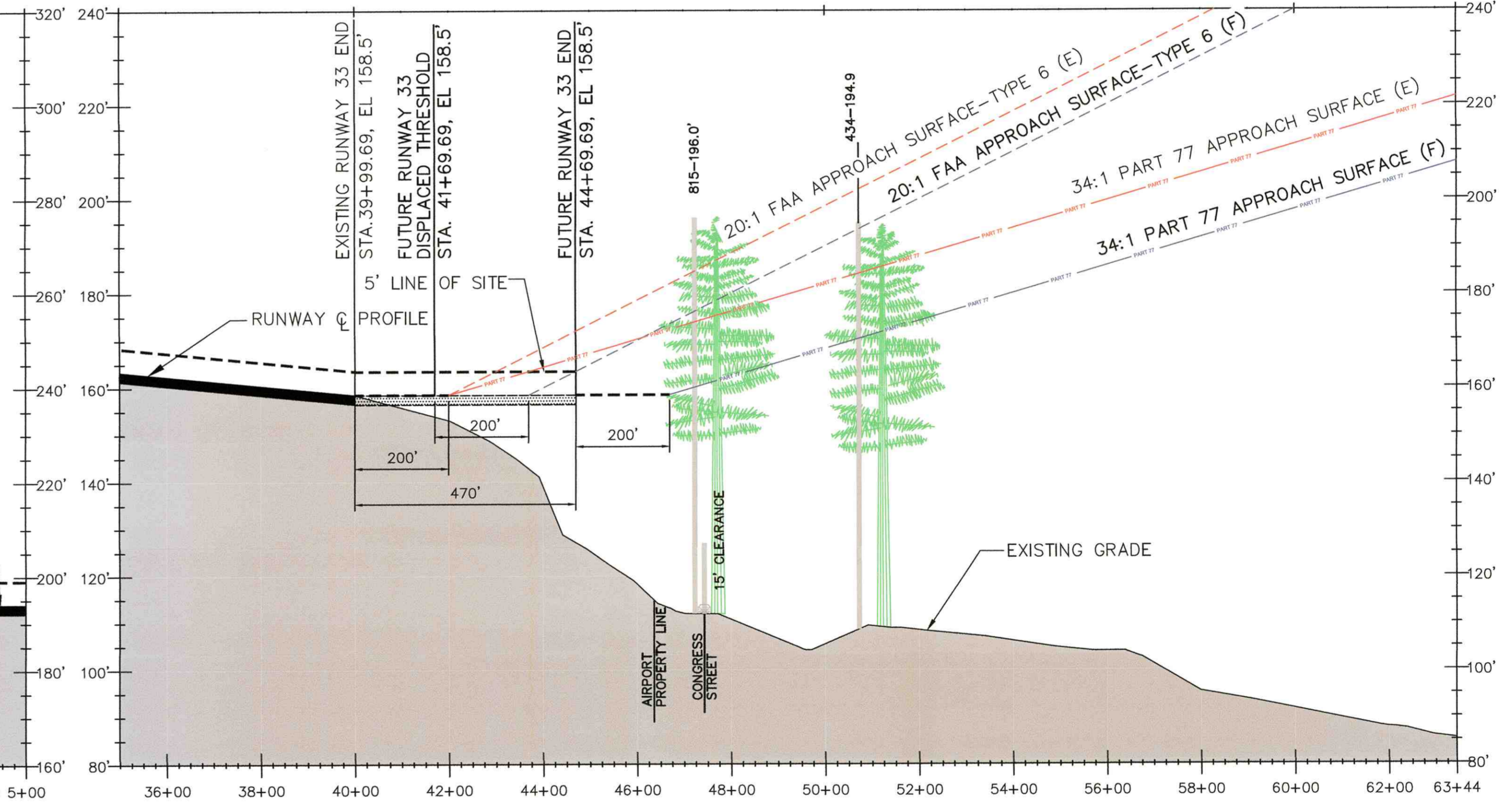


RUNWAY 33 PLAN
SCALE 1" = 200'



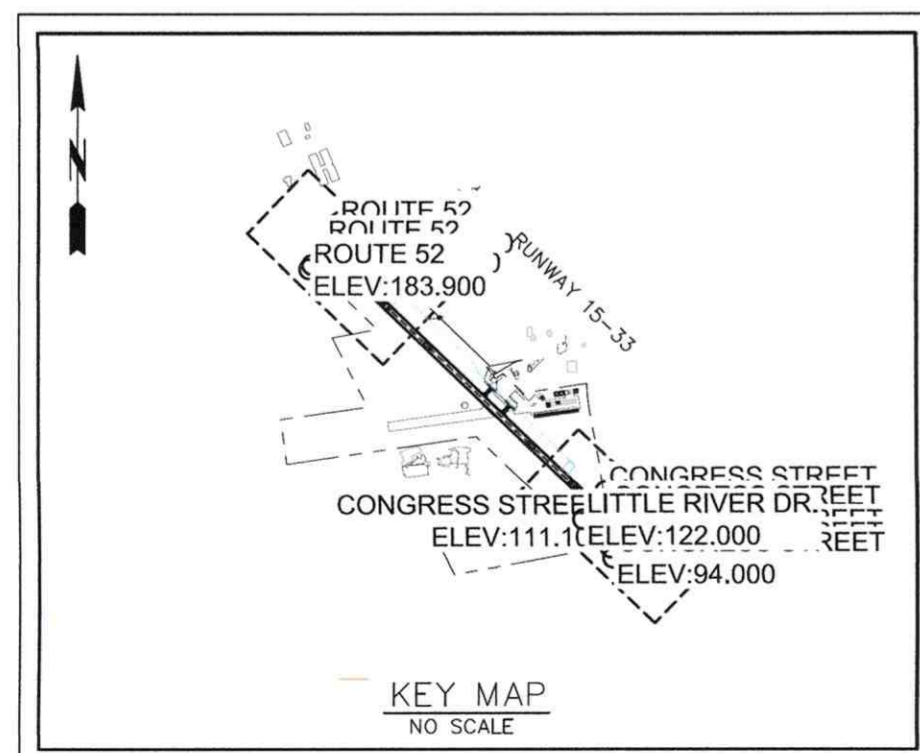
RUNWAY 15 PROFILE
HORIZONTAL SCALE 1" = 200'
VERTICAL SCALE 1" = 20'

SCALE: 1"=200'



RUNWAY 33 PROFILE
HORIZONTAL SCALE 1" = 200'
VERTICAL SCALE 1" = 20'

- NOTES:
- OBSTRUCTIONS SHOWN IN TABLE AND PROFILES REFLECT "WORST-CASE" POINTS WITHIN APPROXIMATELY 100 FOOT RADIUS AREAS WITHIN TYPE 6 APPROACH SURFACE.
 - TREETOP SURVEY DATA FROM COI EAST DATED OCTOBER 2012.
 - RUNWAY END DATA FROM FAA AVN DATASHEET SYSTEM (DATA FOR 15-33 DATED 6/15/2010).
 - GROUND CONTOUR INFORMATION FROM ME GIS.
 - "FAA APPROACH SURFACE" REFLECTS TABLE S-2 IN FAA AC 150/5300-13A AIRPORT DESIGN.
 - "PART 77 APPROACH SURFACE" REFLECTS THE REQUIREMENTS OF 14 CFR PART 77.
 - TRAVERSE ELEVATIONS SHOWN DO NOT INCLUDE THE TRAVERSE WAY ADJUSTMENT.
 - IMAGERY FROM GOOGLE EARTH.



ITEM	(EXISTING)	(FUTURE)
AIRPORT PROPERTY LINE	---	---
FENCE	-x-	-x-
RUNWAY SAFETY AREA (RSA)	---	---
OBJECT FREE ZONE (OFZ)	---	---
RUNWAY OBJECT FREE AREA (ROFA)	---	---
RUNWAY PROTECTION ZONE (RPZ)	---	---
AIRPORT BUILDINGS	---	---
WETLAND	---	---
WATER BODY	---	---
STREAM	---	---
PAVEMENT	---	---
FUTURE DEVELOPMENT	---	---
FUTURE LAND ACQUISITION	---	---
AVIGATION EASEMENT	---	---
PART 77 SURFACES	---	---
THRESHOLD SITING CRITERIA SURFACES	---	---

OBJECT NUMBER	DESCRIPTION	OBJECT ELEVATION (FT MSL)	SURFACE PENETRATION (FT)	SURFACE	APPROACH MITIGATION / DISPOSITION **	PART 77 APPROACH OBSTRUCTION
434	TREE	194.9	1.3	APPROACH	NO ACTION PENDING FURTHER ANALYSIS	NO
610	TREE	191.5	4.7	APPROACH	NO ACTION PENDING FURTHER ANALYSIS	NO
635	TREE	189.9	3.6	APPROACH	NO ACTION PENDING FURTHER ANALYSIS	NO
654	TREE	185.4	1.5	APPROACH	NO ACTION PENDING FURTHER ANALYSIS	YES
656	TREE	185.8	3.9	APPROACH	NO ACTION PENDING FURTHER ANALYSIS	YES
671	TREE	186.9	7.2	APPROACH	NO ACTION PENDING FURTHER ANALYSIS	NO
685	TREE	190.2	10.0	APPROACH	NO ACTION PENDING FURTHER ANALYSIS	NO
713	TREE	185.9	10.3	APPROACH	NO ACTION PENDING FURTHER ANALYSIS	NO
728	TREE	185.5	10.0	APPROACH	NO ACTION PENDING FURTHER ANALYSIS	NO
815	TREE	196.0	19.8	APPROACH	NO ACTION PENDING FURTHER ANALYSIS	NO
894	TREE	199.9	2.1	APPROACH	NO ACTION PENDING FURTHER ANALYSIS	NO
1002	TREE	232.2	11.1	APPROACH	NO ACTION PENDING FURTHER ANALYSIS	NO
1027	TREE	244.0	13.7	APPROACH	NO ACTION PENDING FURTHER ANALYSIS	NO
1155	TREE	252.6	50.1	APPROACH	NO ACTION PENDING FURTHER ANALYSIS	NO

OBJECT NUMBER	DESCRIPTION	OBJECT ELEVATION (FT MSL)	SURFACE PENETRATION (FT)	SURFACE	PART 77 MITIGATION / DISPOSITION **	PART 77 APPROACH OBSTRUCTION
1167	TREE	252.9	45.8	APPROACH	NO ACTION PENDING FURTHER ANALYSIS	NO
1179	TREE	258.2	48.2	APPROACH	NO ACTION PENDING FURTHER ANALYSIS	NO
1191	TREE	247.5	33.3	APPROACH	NO ACTION PENDING FURTHER ANALYSIS	NO
1195	TREE	247.7	32.6	APPROACH	NO ACTION PENDING FURTHER ANALYSIS	NO
1210	TREE	237.3	14.7	APPROACH	NO ACTION PENDING FURTHER ANALYSIS	NO
1245	TREE	250.2	12.4	APPROACH	NO ACTION PENDING FURTHER ANALYSIS	NO
1291	TREE	272.2	18.7	APPROACH	NO ACTION PENDING FURTHER ANALYSIS	YES
1320	TREE	261.0	5.1	APPROACH	NO ACTION PENDING FURTHER ANALYSIS	NO
1448	TREE	273.6	13.7	APPROACH	NO ACTION PENDING FURTHER ANALYSIS	NO
1452	TREE	279.6	16.2	APPROACH	NO ACTION PENDING FURTHER ANALYSIS	NO
1456	TREE	277.6	10.0	APPROACH	NO ACTION PENDING FURTHER ANALYSIS	NO
1468	TREE	282.6	12.1	APPROACH	NO ACTION PENDING FURTHER ANALYSIS	YES
1480	TREE	278.0	2.2	APPROACH	NO ACTION PENDING FURTHER ANALYSIS	YES
1481	TREE	290.0	15.3	APPROACH	NO ACTION PENDING FURTHER ANALYSIS	YES

CADD FILE NO. 117-005 SHEET PLAN PROFILE.dwg
A.I.P. PROJECT NO. 3-23-0007-13-2014

REV.	DATE	DESCRIPTION

BY: [Signature]
DATE: [Date]

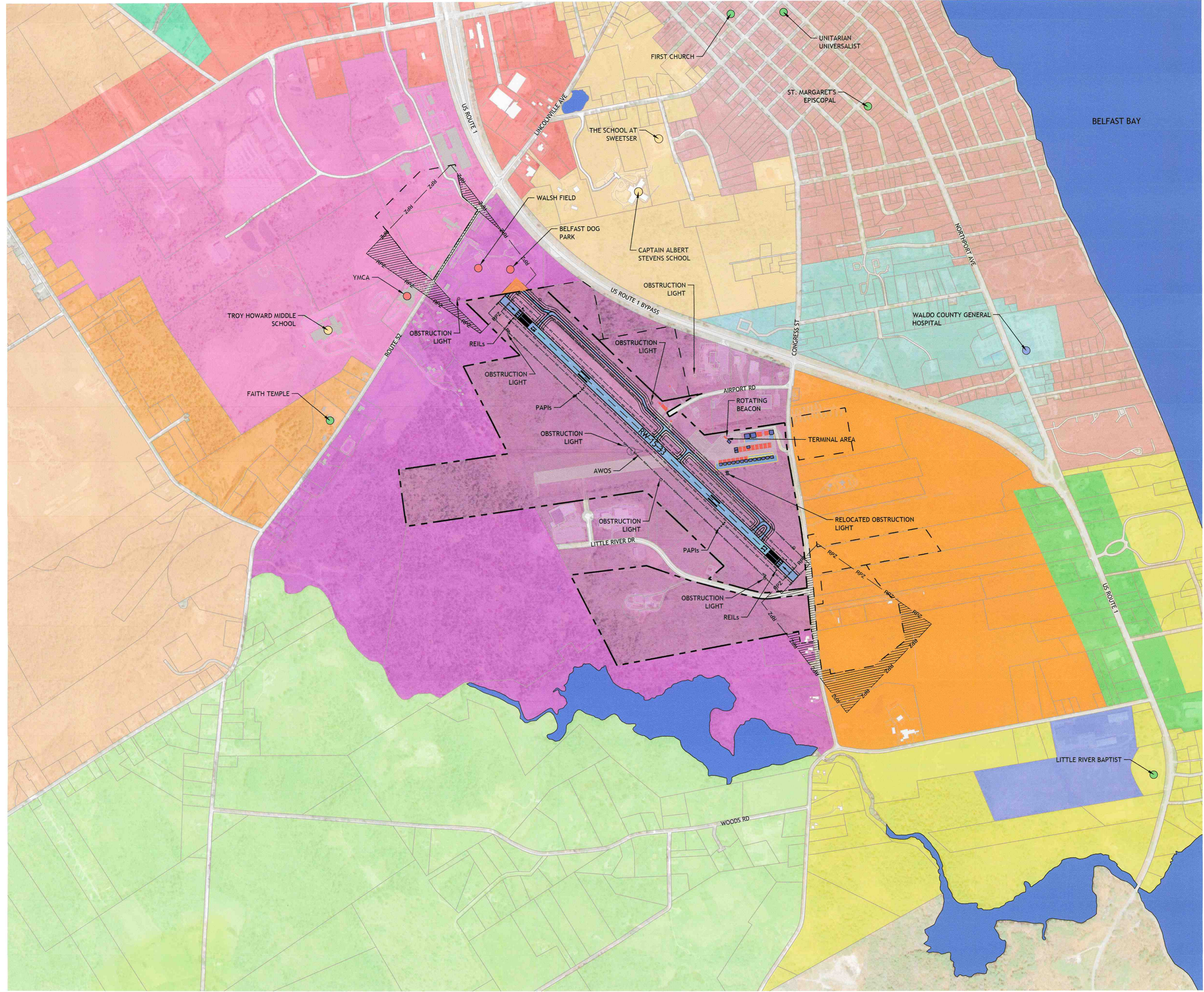
AIRPORT SOLUTIONS GROUP
INNOVATION BY DESIGN
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AIRPORT CONSULTANTS - BURLINGTON, MASSACHUSETTS

BELFAST MUNICIPAL AIRPORT
LITTLE RIVER DRIVE
BELFAST, ME 04915
(207) 338-4736

SHEET TITLE: INNER PORTION OF THE APPROACH PLAN AND PROFILE - RUNWAY 15-33

PROJECT: BELFAST MUNICIPAL AIRPORT 2016 AIRPORT MASTER PLAN UPDATE

DESIGNER: FAL
CADD TECH: JMT
APPROVED: CJW



GENERAL LEGEND

- AIRPORT PROPERTY LINE
- RUNWAY PROTECTION ZONE (RPZ)
- EXISTING AVIGATION EASEMENTS
- FUTURE AVIGATION EASEMENTS
- SCHOOLS
- HOSPITALS
- PARKS
- CHURCHES

LAND USE LEGEND

- AG: AIRPORT GROWTH DISTRICT
- BP: BUSINESS PARK-AIRPORT DISTRICT
- GP-B: GENERAL PURPOSE "B" DISTRICT
- IN-IV: INDUSTRIAL IV PERKINS ROAD DISTRICT
- OP: OFFICE PARK DISTRICT
- PR-I: PROTECTION RURAL DISTRICT
- R-II: RESIDENTIAL II DISTRICT
- RA-1: RESIDENTIAL/AGRICULTURE I DISTRICT
- RES-1: RESIDENTIAL 1 DISTRICT
- RES-2: RESIDENTIAL 2 DISTRICT
- RES-3: RESIDENTIAL 3 DISTRICT
- RG: RESIDENTIAL GROWTH DISTRICT
- RT-1S: ROUTE ONE SOUTH COMMERCIAL DISTRICT
- RT-3: ROUTE 3 COMMERCIAL DISTRICT
- WMU-1: WATERFRONT MIXED USE 1 DISTRICT
- WMU-2: WATERFRONT MIXED USE 2 DISTRICT
- WATER

NOTES:
 1. LAND USE DATA PROVIDED BY CITY OF BELFAST PLANNING DEPARTMENT
 2. IMAGE SOURCE: USGS.GOV, USGS US TOPO 7.5 MINUTE MAPS, V1979 & V2012



MAG. DEC. 16° 02' 00" + / - 0.37'
 MAY 2017

CADD FILE NO. 117-005 SHEET_LAND-USE.dwg

A.I.P. PROJECT NO. 3-23-0007-13-2014

REV.	DATE	DESCRIPTION

AIRPORT SOLUTIONS GROUP
 INNOVATION BY DESIGN
 PHONE (781) 491-0083 FAX (781) 491-0360
 AIRPORT CONSULTANTS - BURLINGTON, MASSACHUSETTS

BELFAST MUNICIPAL AIRPORT
 LITTLE RIVER DRIVE
 BELFAST, ME 04915
 (207) 338-4736

SHEET TITLE	OFF-AIRPORT LAND USE PLAN
PROJECT	BELFAST MUNICIPAL AIRPORT 2016 AIRPORT MASTER PLAN UPDATE
DESIGNER: RAL	CADD TECH: JMT APPROVED: CW