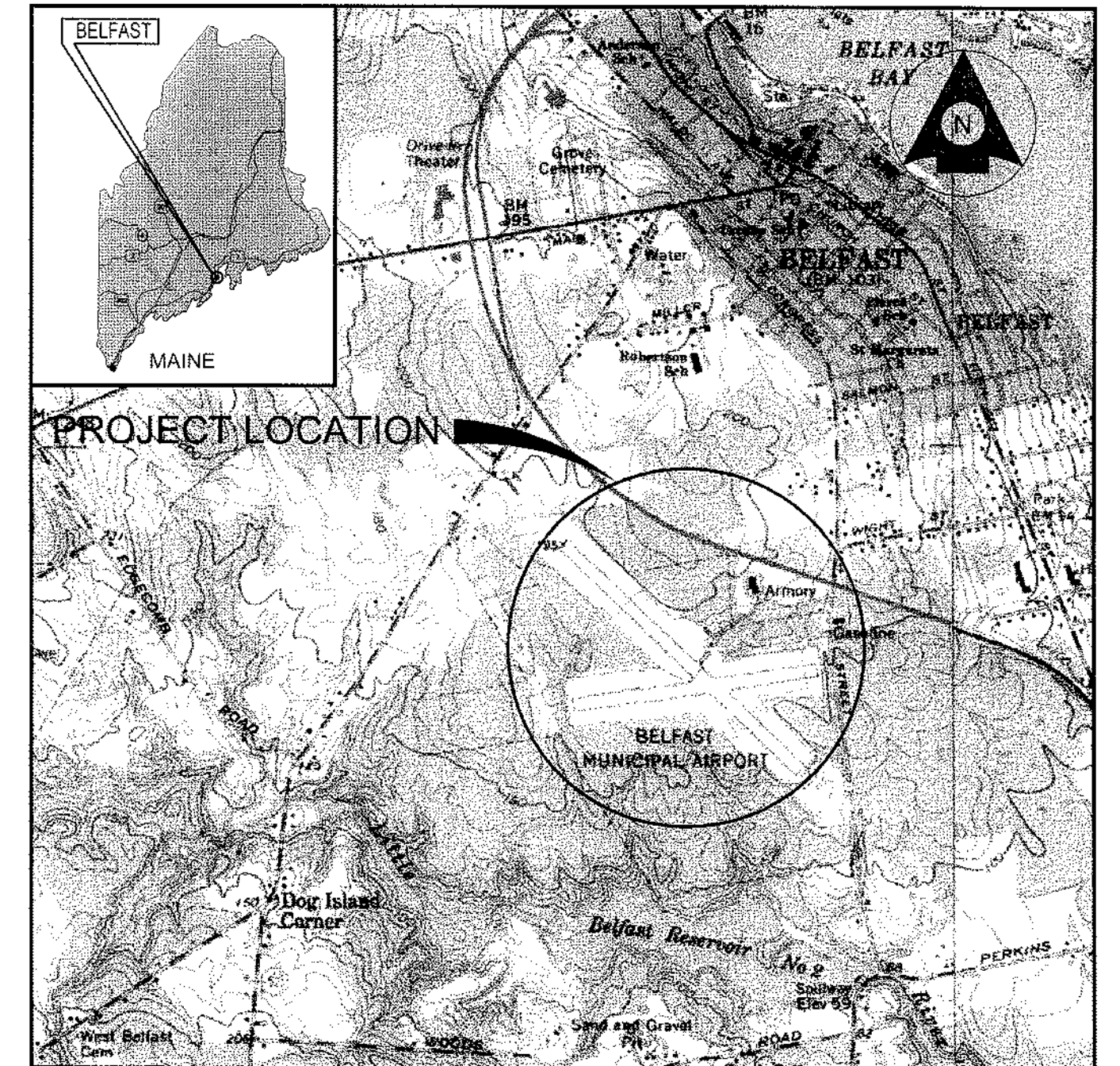


Stantec

BELFAST MUNICIPAL AIRPORT BELFAST, MAINE

AIRPORT LAYOUT PLAN UPDATE

NOVEMBER 2007
AIP PROJECT NO. 3-23-0007-06-2005



VICINITY MAP
NOT TO SCALE

INDEX OF SHEETS

<u>SHEET NO.</u>	<u>TITLE</u>
1.	TITLE SHEET
2.	EXISTING AIRPORT LAYOUT PLAN
3.	ULTIMATE AIRPORT LAYOUT PLAN
4.	TERMINAL AREA PLAN

LEGEND	EXISTING
AIRPORT REFERENCE POINT	
BUILDING RESTRICTION LINE	
BUILDINGS	
CONTOURS	
EASEMENT (AVIGATION)	
FENCE LINE	
OBJECT FREE AREA	
OBSTACLE FREE ZONE	
PAPI	
PAVEMENT	
PROPERTY LINE (AIRPORT)	
REL	
ROTATING BEACON	
RUNWAY SAFETY AREA	
SEGMENTED CIRCLE/WIND CONE	
TREE LINE	
UTILITY POLE	
VASI	NOT OPERATIONAL
WETLANDS (DELINEATED)	
WIND CONE	NONE

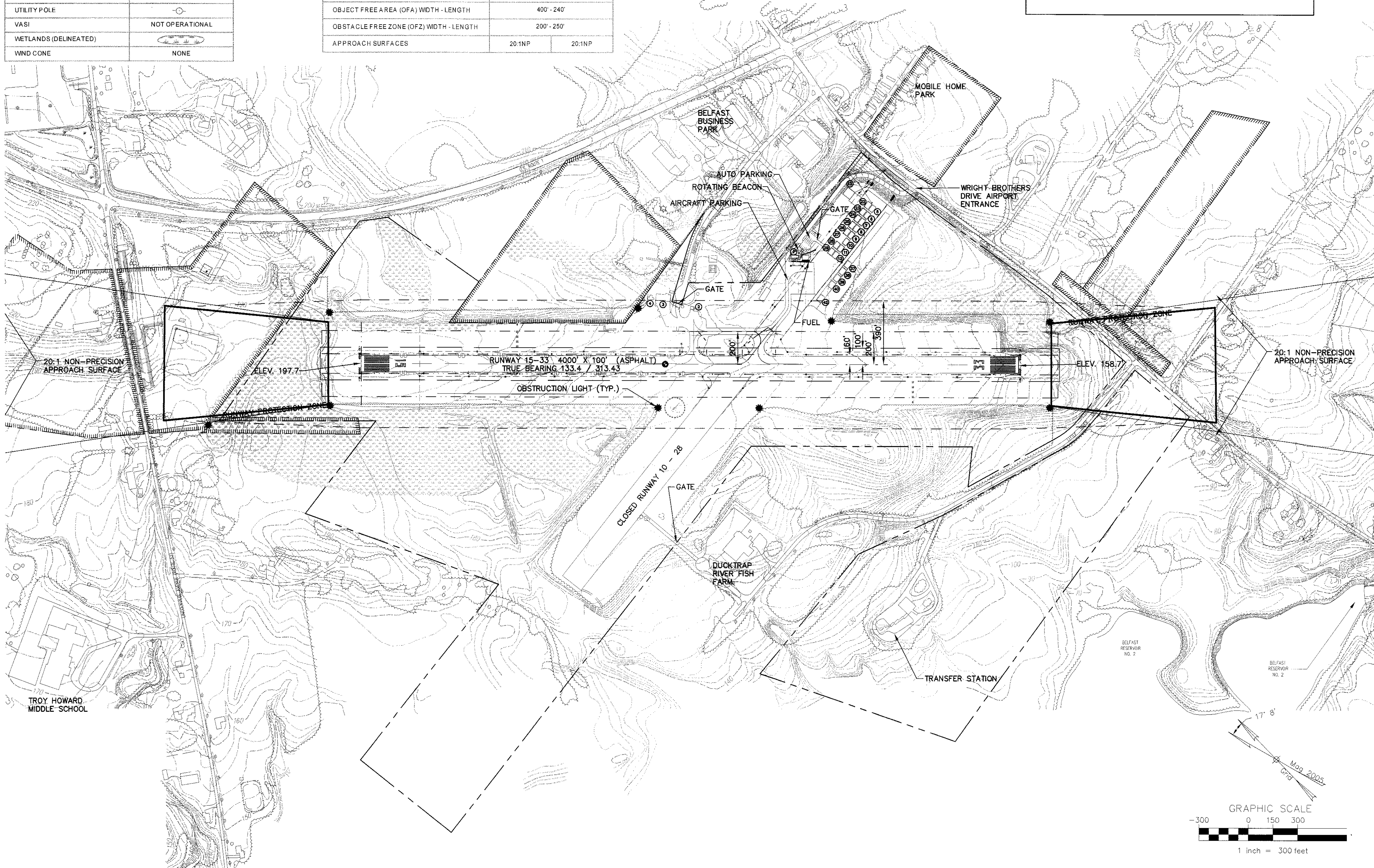
RUNWAY DATA	EXISTING	
	15	33
LENGTH - WIDTH	4000' X 100'	
STRENGTH (POUNDS)	30,000 LBS SW	
COMPOSITION	ASPHALT	
MARKINGS	NON-PRECISION	
LIGHTING	MIRL	
NAVAIDS	NDB	NONE
VISUAL AIDS	VASI	NONE
EFFECTIVE GRADIENT	0.97	-0.97
END ELEVATIONS	197.7'	158.7'
END COORDINATES	N44°24'47.39" W069°01'02.60"	N44°24'20.240" W069°00'22.58"
BUILDING RESTRICTION LINE (BRL)	390'	
SAFETY AREA (RSA) WIDTH - LENGTH	20' - 240'	
OBJECT FREE AREA (OFA) WIDTH - LENGTH	400' - 240'	
OBSTACLE FREE ZONE (OFZ) WIDTH - LENGTH	200' - 250'	
APPROACH SURFACES	20:1NP	20:1NP

AIRPORT DATA	EXISTING
AIRPORT CATEGORY	UTILITY-GENERAL AVIATION
AIRPORT ELEVATION	198'
AIRPORT REFERENCE POINT	N44°24'34.00" W069°00'43.00"
DESIGN AIRCRAFT	BEECH 90
AIRPORT REFERENCE CODE	8-1
MEAN MAX TEMPERATURE	8°F
TAXIWAY LIGHTING	NONE
TAXIWAY MARKINGS	BASIC
TERMINAL NAVAIDS	NON-DIRECTIONAL BEACON
VISUAL NAVAIDS	ROTATING BEACON, REL
ACREAGE OWNED IN FEE SIMPLE	22 1/2
ACREAGE OWNED IN EASEMENT	80 1/2
FUEL AVAILABILITY	100LL
USE/OWNERSHIP	PUBLIC/PUBLIC

BUILDINGS	EXISTING
FIXED BASE OPERATOR	1
PRIVATE HANGAR	2
PRIVATE HANGAR	3
PRIVATE HANGAR	4
PRIVATE HANGARS	5-12
PRIVATE HANGARS	13
PRIVATE HANGARS	22-26
PRIVATE HANGARS	28-29
PRIVATE HANGARS	37-40
PRIVATE HANGARS	42

BUILDING RESTRICTION LINE

NOTE: BUILDING RESTRICTION LINE (BRL) WAS ESTABLISHED IN ACCORDANCE WITH FAA DESIGN AND FAR PART 77 CRITERIA. ITS LOCATION AT BELFAST MUNICIPAL AIRPORT UTILIZES A 20' VERTICAL OBJECT HEIGHT. THE BRL LOCATION MAY CHANGE DUE TO GROUND CONTOURS OR DIFF.



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Notes

Revision	By	Appd.	YY.MM.DD

Issued	By	Appd.	YY.MM.DD

File Name: Sheet 02 Existing Airport Layout.dwg
Dwn. Chkd. Dgn. YY.MM.DD

Permit-Seal

Client/Project
BELFAST MUNICIPAL AIRPORT

Belfast, Maine

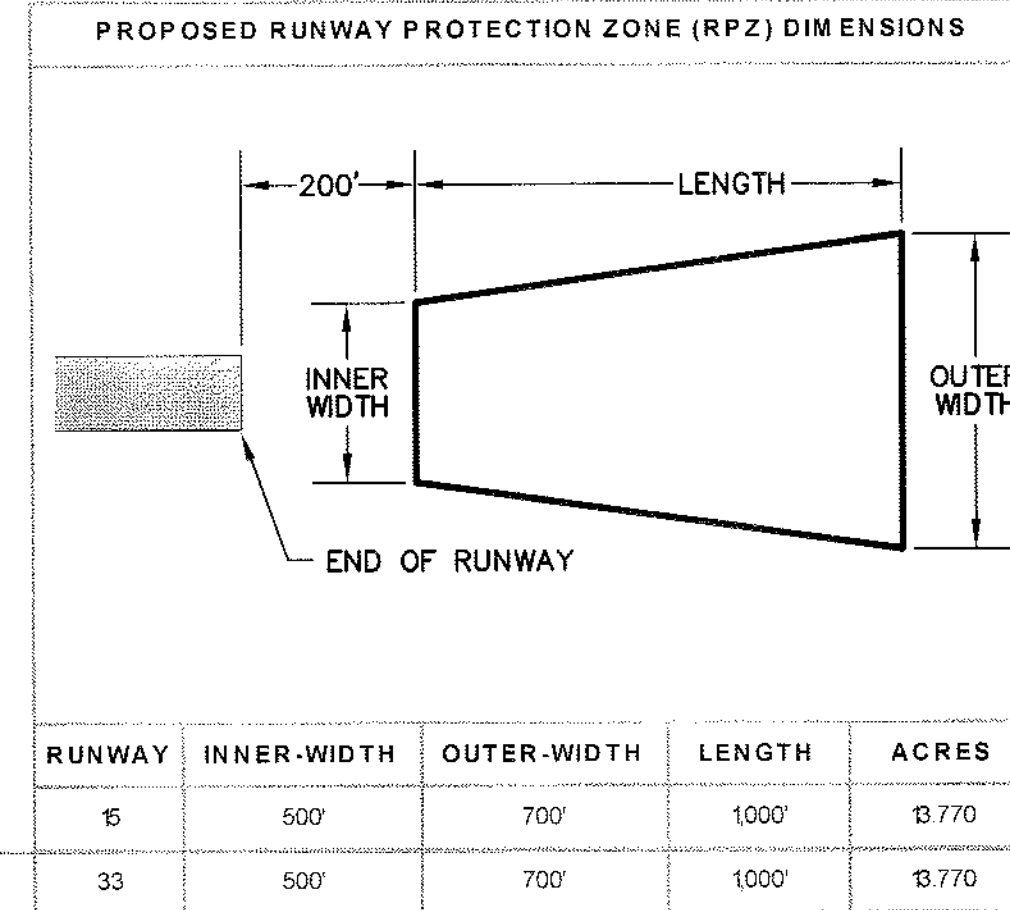
Title
EXISTING AIRPORT LAYOUT

Project No.	Scale	
195210090	AS NOTED	
Drawing No.	Sheet	Revision
2	2 of 4	0

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LEGEND	EXISTING	PROPOSED
AIRPORT REFERENCE POINT		
BUILDING RESTRICTION LINE		
BUILDINGS		
CONTOURS		
EASEMENT (AVIGATION)		
FENCE LINE		
OBJECT FREE AREA		
OBSTACLE FREE ZONE		
PAPI		
PAVEMENT		
PROPERTY LINE (AIRPORT)		
REL		SAME
ROTATING BEACON		
RUNWAY SAFETY AREA		
SEGMENTED CIRCLE/WIND CONE		SAME
TREE LINE		
UTILITY POLE		
VASI	NOT OPERATIONAL	NONE
WETLANDS (DELINEATED)		
WIND CONE	NONE	

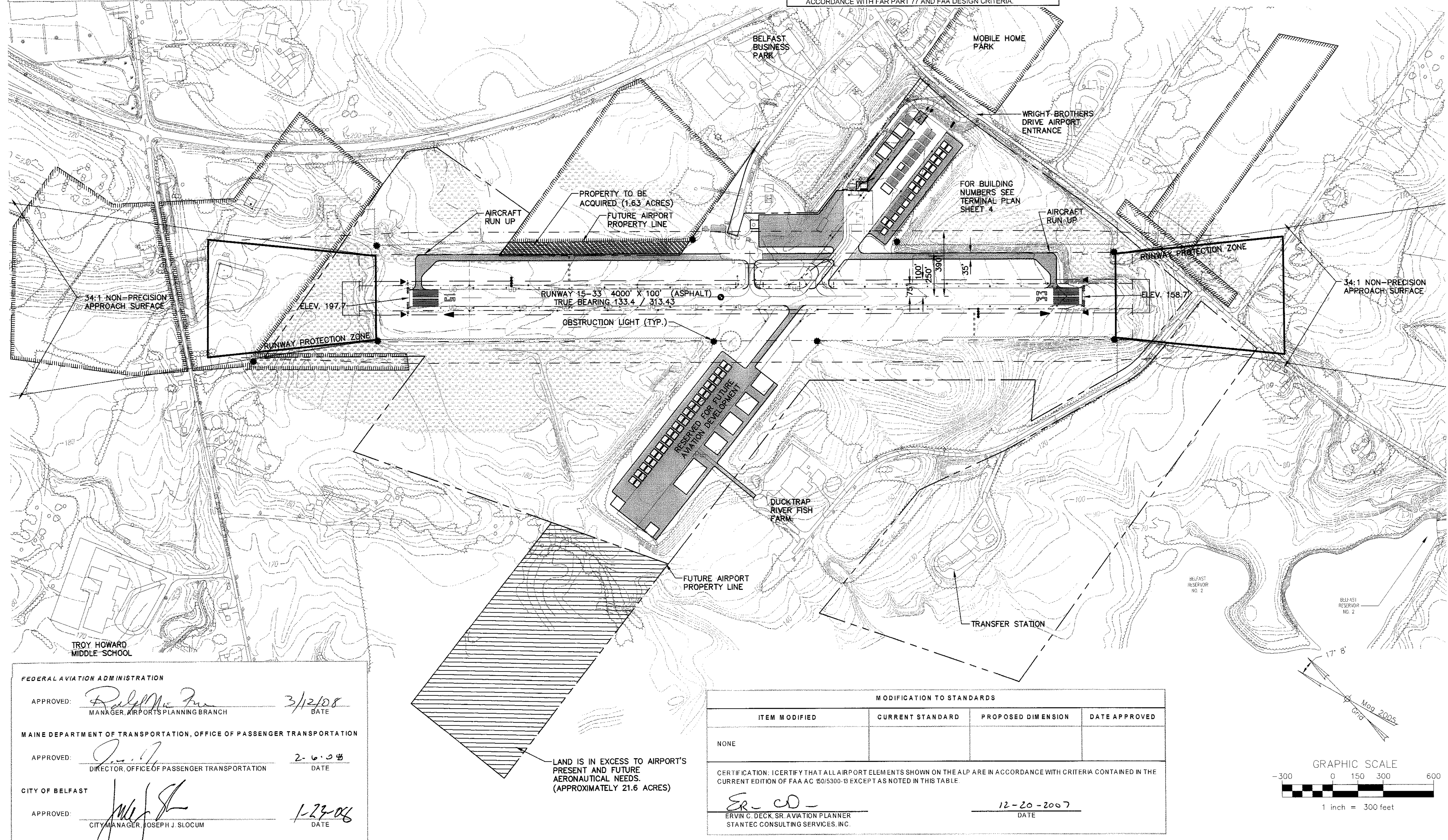
RUNWAY DATA	EXISTING		PROPOSED	
	16	33	16	33
LENGTH - WIDTH	4000' X 100'		4000' X 100'	
STRENGTH (POUNDS)	30,000 LBS SW		30,000 LBS SW	
COMPOSITION	ASPHALT		ASPHALT	
MARKINGS	NON-PRECISION		NON-PRECISION	
LIGHTING	MIRL		MIRL	
NAVAIDS	NDB	NONE	NONE	NONE
VISUAL AIDS	VASI	NONE	PAPI	PAPI
EFFECTIVE GRADIENT	0.97	-0.97	0.97	-0.97
END ELEVATIONS	197.7'	158.7'	197.7'	158.7'
END COORDINATES	N44°24'47.39" W069°01'02.60"	N44°24'20.240" W069°00'22.58"	N44°24'47.39" W069°01'02.60"	N44°24'20.240" W069°00'22.58"
BUILDING RESTRICTION LINE (BRL)	390'		390'	
SAFETY AREA (RSA) WIDTH - LENGTH	120' - 240'		150' - 300'	
OBJECT FREE AREA (OFA) WIDTH - LENGTH	400' - 240'		500' - 300'	
OBSTACLE FREE ZONE (OFZ) WIDTH - LENGTH	200' - 250'		200' - 400'	
APPROACH SURFACES	20:1NP	20:1NP	34:1NP	34:1NP



BUILDING RESTRICTION LINE

NOTE: BUILDING RESTRICTION LINE (BRL) WAS ESTABLISHED IN ACCORDANCE WITH FAA DESIGN AND FAR PART 77 CRITERIA. ITS LOCATION AT BELFAST MUNICIPAL AIRPORT UTILIZES A 20 FOOT VERTICAL OBJECT HEIGHT. THE BRL LOCATION MAY CHANGE DUE TO GROUND CONTOURS OR DIFFERENT OBJECT HEIGHTS, BUT ALWAYS IN ACCORDANCE WITH FAR PART 77 AND FAA DESIGN CRITERIA.

AIRPORT DATA	EXISTING	PROPOSED
AIRPORT CATEGORY	UTILITY-GENERAL AVIATION	GENERAL AVIATION
AIRPORT ELEVATION	198'	198'
AIRPORT REFERENCE POINT	N44° 24 34.00" W069° 00' 43.00"	N44° 24 34.00" W069° 00' 43.00"
DESIGN AIRCRAFT	BEECH 90	BEECH 350
AIRPORT REFERENCE CODE	B-I	B-II
MEAN MAX TEMPERATURE	81° F	81° F
TAXIWAY LIGHTING	NONE	LITL
TAXIWAY MARKINGS	BASIC	BASIC
TAXIWAY OBJECT FREE AREA WIDTH	N/A	131'
TERMINAL NAVAIDS	NON-DIRECTIONAL BEACON	NONE
VISUAL NAVAIDS	ROTATING BEACON, REIL	ROTATING BEACON, PAPI, REIL
ACREAGE OWNED IN FEE SIMPLE	221+	199.4+
ACREAGE OWNED IN EASEMENT	80+	81.6+
FUEL AVAILABILITY	100LL	100LL - JET A
USE/OWNERSHIP	PUBLIC/PUBLIC	PUBLIC/PUBLIC



FEDERAL AVIATION ADMINISTRATION

APPROVED: *Ralph Mc* 3/12/08
MANAGER, AIRPORTS PLANNING BRANCH DATE

MAINE DEPARTMENT OF TRANSPORTATION, OFFICE OF PASSENGER TRANSPORTATION

APPROVED: *J. J.* 2-6-08
DIRECTOR, OFFICE OF PASSENGER TRANSPORTATION DATE

CITY OF BELFAST

APPROVED: *Joseph J. Slocum* 1-23-08
CITY MANAGER, JOSEPH J. SLOCUM DATE

MODIFICATION TO STANDARDS			
ITEM MODIFIED	CURRENT STANDARD	PROPOSED DIMENSION	DATE APPROVED
NONE			
CERTIFICATION: I CERTIFY THAT ALL AIRPORT ELEMENTS SHOWN ON THE ALP ARE IN ACCORDANCE WITH CRITERIA CONTAINED IN THE CURRENT EDITION OF FAA AC 150/5300-2 EXCEPT AS NOTED IN THIS TABLE.			
<i>Ervin C. Deck</i>		12-20-2007	
ERVIN C. DECK, SR. AVIATION PLANNER		DATE	
STANTEC CONSULTING SERVICES, INC.			

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Notes

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Issued	By	Appd.	YY.MM.DD

File Name: Sheet 03 Proposed Airport

Permit-Seal

Client/Project
BELFAST MUNICIPAL AIRPORT

Belfast, Maine

Title
PROPOSED AIRPORT LAYOUT

Project No. 195210090	Scale AS NOTED
Drawing No. 3	Sheet 3 of 4
Revision 0	



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Notes

Revision _____ By _____ Appd. YY.MM.DD

Issued _____ By _____ Appd. YY.MM.DD

File Name: Sheet 04 Terminal Plan Proposed Airport Layout.dwg Dwn. Chkd. Dgn. YY.MM.DD

Permit-Seal _____

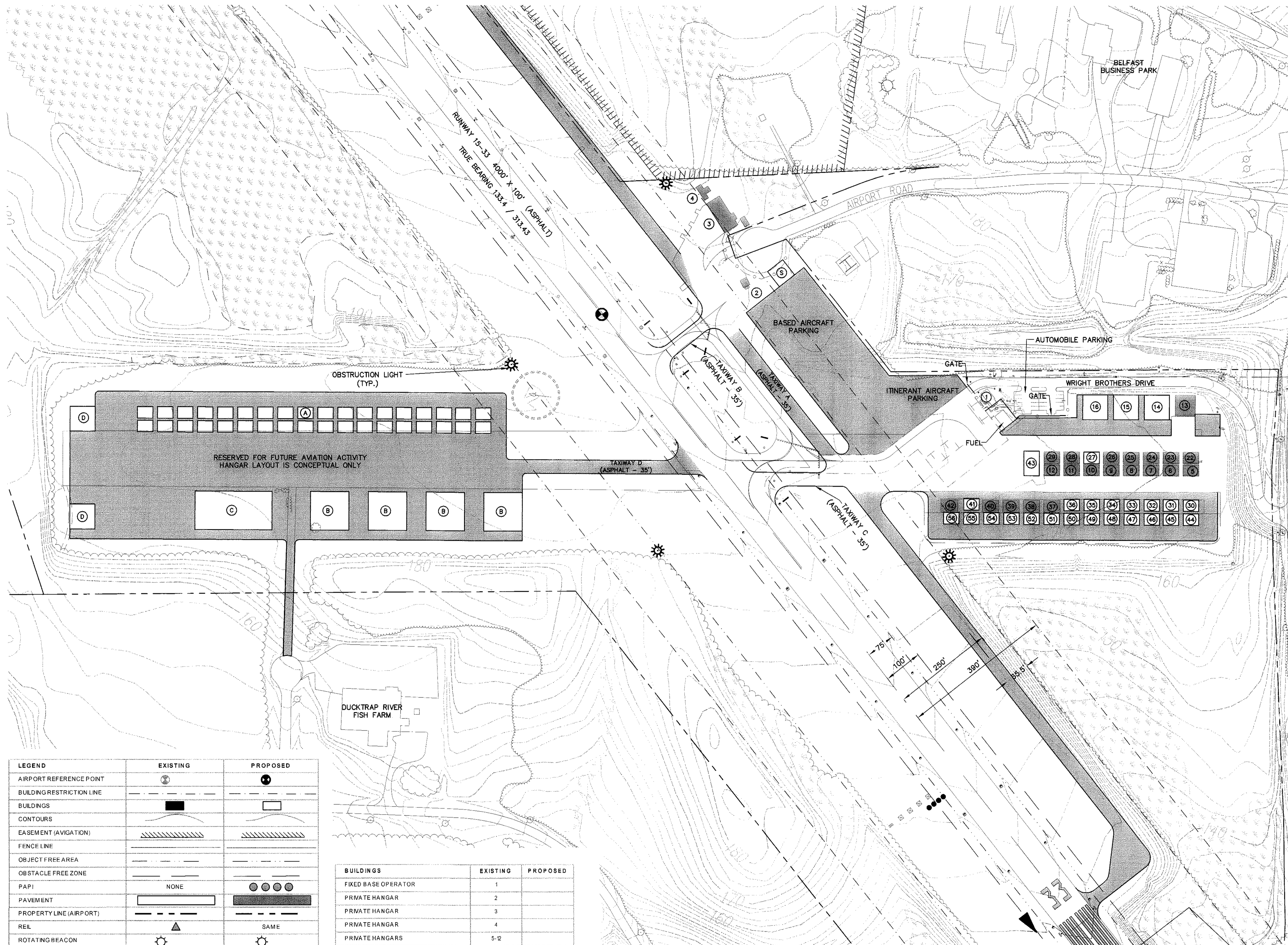
Client/Project
BELFAST MUNICIPAL AIRPORT

Belfast, Maine

Title
TERMINAL LAYOUT

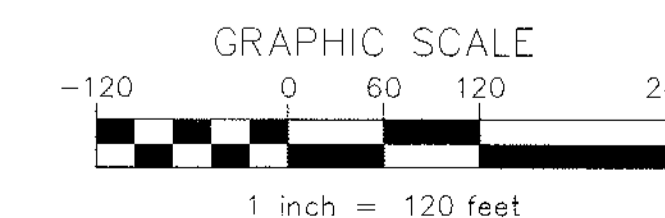
Project No. 195210090 Scale AS NOTED

Drawing No. 4 Sheet 4 of 4 Revision 0



LEGEND	EXISTING	PROPOSED
AIRPORT REFERENCE POINT		
BUILDING RESTRICTION LINE		
BUILDINGS		
CONTOURS		
EASEMENT (AVIGATION)		
FENCE LINE		
OBJECT FREE AREA		
OBSTACLE FREE ZONE		
PAPI	NONE	
PAVEMENT		
PROPERTY LINE (AIRPORT)		
REL		SAME
ROTATING BEACON		
RUNWAY SAFETY AREA		
SEGMENTED CIRCLE/WIND CONE		SAME
TREE LINE		
UTILITY POLE		
VASI	NOT OPERATIONAL	NONE
WETLANDS (DELINEATED)		
WIND CONE	NONE	

BUILDINGS	EXISTING	PROPOSED
FIXED BASE OPERATOR	1	
PRIVATE HANGAR	2	
PRIVATE HANGAR	3	
PRIVATE HANGAR	4	
PRIVATE HANGARS	5-12	
PRIVATE HANGARS	13	11-16
PRIVATE HANGARS	22-26	27
PRIVATE HANGARS	28-29	
PRIVATE HANGARS	37-40	30-36
PRIVATE HANGARS	42	41
PRIVATE HANGARS		44-56
SNOW REMOVAL EQUIPMENT BUILDING		S



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