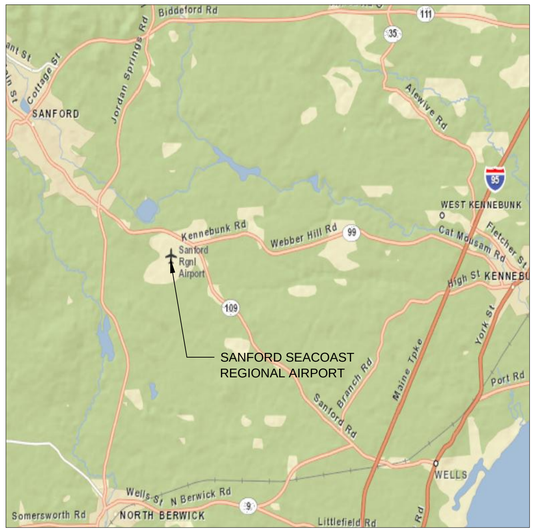
SANFORD SEACOAST REGIONAL AIRPORT
SANFORD, MAINE



VICINITY MAP

AIRPORT LAYOUT PLAN SET

LOCATION MAP

AIRPORT OWNERSHIP AND MANAGEMENT

The SANFORD SEACOAST REGIONAL AIRPORT is owned by the City of Sanford Maine and operated under the management of the City of Sanford, Airport Manager, M. Allison Rogers

SANFORD SEACOAST REGIONAL AIRPORT

167 Airport Road, Suite D
Sanford, ME 04073

FAA AIP# 3-23-0044-30-2014
OCTOBER 2015

INDEX OF SHEETS

1	COVER SHEET
2	EXISTING AIRPORT CONDITIONS
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5	TERMINAL AREA PLAN -WEST SHEET1
6	TERMINAL AREA PLAN -WEST SHEET 2
7	PLAN AND PROFILE RUNWAY 14-32
8	PLAN AND PROFILE RUNWAY 7-25
9	CFR PART 77 SURFACE DRAWING
10	AIRPORT DATA SHEET
11	LAND USE DRAWING
12	EXHIBIT-A

PLANS PREPARED BY:

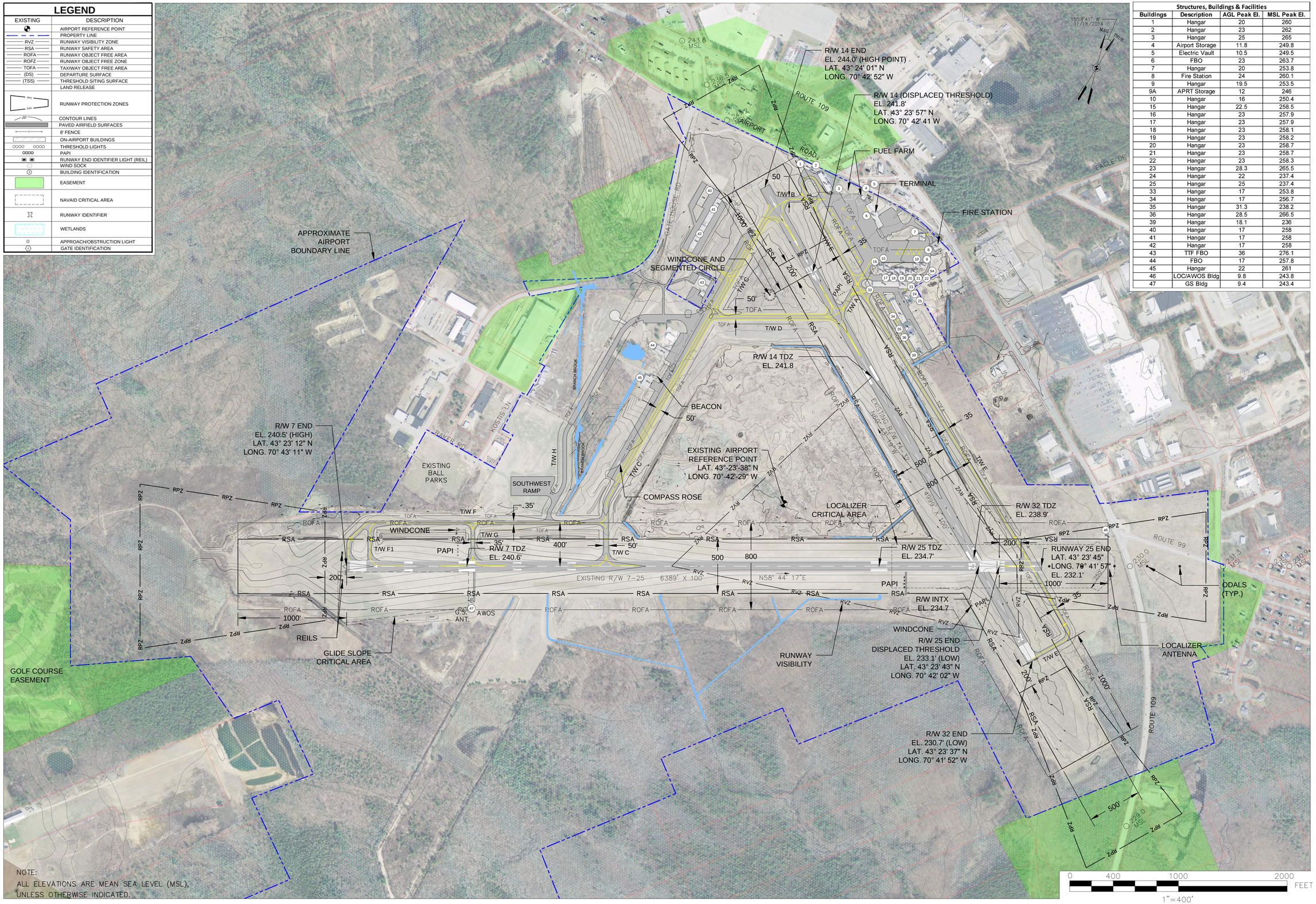
Hoyle, Tanner & Associates, Inc.

150 Dow Street | Manchester, NH 03101
Office: (603) 669-5555 | Fax: (603) 669-4168

Drawing name: H:\060233\dwg\Contract\01_SFM_COVER.dwg Sep 22, 2015 – 3:45pm

LEGEND

EXISTING	DESCRIPTION
	AIRPORT REFERENCE POINT
	PROPERTY LINE
RVZ	RUNWAY VISIBILITY ZONE
RSA	RUNWAY SAFETY AREA
ROFA	RUNWAY OBJECT FREE AREA
ROFZ	RUNWAY OBJECT FREE ZONE
TOFA	TAXIWAY OBJECT FREE AREA
(DS)	DEPARTURE SURFACE
(TSS)	THRESHOLD SITING SURFACE
	LAND RELEASE
RPZ / 2,500	RUNWAY PROTECTION ZONES
20'	CONTOUR LINES
	PAVED AIRFIELD SURFACES
	8' FENCE
	ON-AIRPORT BUILDINGS
	THRESHOLD LIGHTS
	PAPI
	RUNWAY END IDENTIFIER LIGHT (REIL)
	WIND SOCK
	BUILDING IDENTIFICATION
	EASEMENT
	NAVAID CRITICAL AREA
32	RUNWAY IDENTIFIER
	WETLANDS
	APPROACH/OBSTRUCTION LIGHT
	GATE IDENTIFICATION



NOTE:
ALL ELEVATIONS ARE MEAN SEA LEVEL (MSL), UNLESS OTHERWISE INDICATED.

Structures, Buildings & Facilities

Buildings	Description	AGL Peak El.	MSL Peak El.
1	Hangar	20	260
2	Hangar	23	262
3	Hangar	25	265
4	Airport Storage	11.8	249.8
5	Electric Vault	10.5	249.5
6	FBO	23	263.7
7	Hangar	20	253.8
8	Fire Station	24	260.1
9	Hangar	19.5	253.5
9A	APRT Storage	12	246
10	Hangar	16	250.4
15	Hangar	22.5	258.5
16	Hangar	23	257.9
17	Hangar	23	257.9
18	Hangar	23	258.1
19	Hangar	23	258.2
20	Hangar	23	258.7
21	Hangar	23	258.7
22	Hangar	23	258.3
23	Hangar	28.3	265.5
24	Hangar	22	237.4
25	Hangar	25	237.4
33	Hangar	17	253.8
34	Hangar	17	256.7
35	Hangar	31.3	238.2
36	Hangar	28.5	266.5
39	Hangar	18.1	236
40	Hangar	17	258
41	Hangar	17	258
42	Hangar	17	258
43	TTF FBO	36	276.1
44	FBO	17	257.8
45	Hangar	22	261
46	LOC/AWOS Bldg	9.8	243.8
47	GS Bldg	9.4	243.4

AIP NO.:	3-23-0003-027-2013
PROJ. NO.:	060233
DRAWN:	-JLC
DESIGN:	-MTO
CHECKED:	-ERM
DATE:	OCTOBER 2015
SHEET	2 OF 12

REV. NO.	DATE	DESCRIPTION	BY

DO NOT SCALE DRAWING

SHEET TITLE

EXISTING AIRPORT CONDITIONS

Sanford Seacoast Regional Airport

Hoyle, Tanner & Associates, Inc.
150 Dow Street Manchester, NH 03101
tel: (603) 669-5555
fax: (603) 669-5168
www.hoyletanner.com

Drawing name: H:\060233\dwg\Contract\A.4.1 ExistingALP.dwg Sep 22, 2015 - 2:07pm

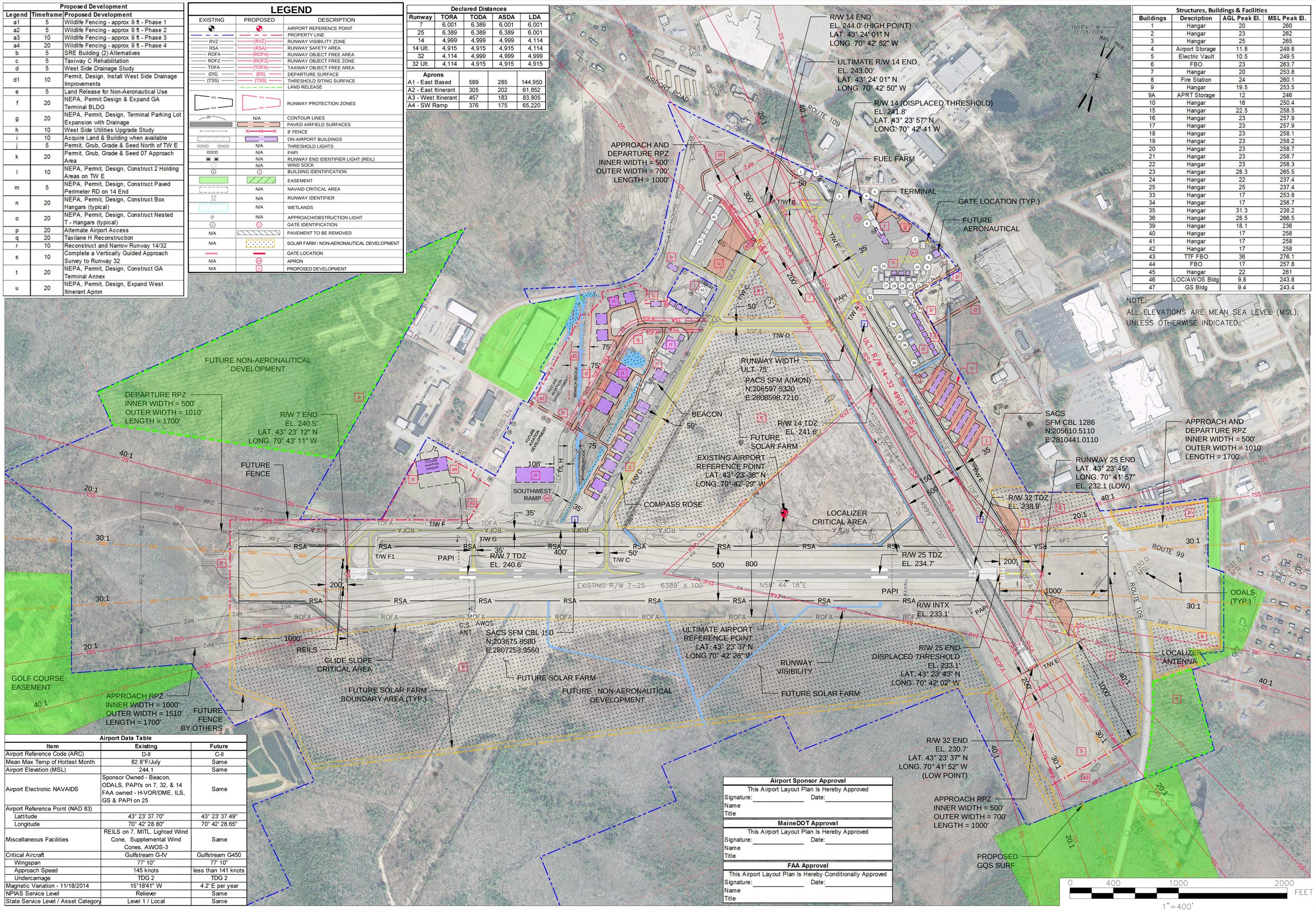
Proposed Development		
Legend	Timeframe	Proposed Development
a1	5	Wildlife Fencing - approx 9 ft - Phase 1
a2	5	Wildlife Fencing - approx 9 ft - Phase 2
a3	10	Wildlife Fencing - approx 9 ft - Phase 3
a4	20	Wildlife Fencing - approx 9 ft - Phase 4
b	5	SRE Building (2) Alternatives
c	5	Taxiway C Rehabilitation
d	5	West Side Drainage Study
d1	10	Permit, Design, Install West Side Drainage Improvements
e	5	Land Release for Non-Aeronautical Use
f	20	NEPA, Permit Design & Expand GA Terminal BLDG
g	20	NEPA, Permit, Design, Terminal Parking Lot Expansion with Drainage
h	10	West Side Utilities Upgrade Study
i	10	Acquire Land & Building when available
j	5	Permit, Grub, Grade & Seed North of TW E
k	20	Permit, Grub, Grade & Seed 07 Approach Area
l	10	NEPA, Permit, Design, Construct 2 Holding Areas on TW E
m	5	NEPA, Permit, Design, Construct Paved Perimeter RD on 14 End
n	20	NEPA, Permit, Design, Construct Box Hangars (typical)
o	20	NEPA, Permit, Design, Construct Nested T - Hangars (typical)
p	20	Alternate Airport Access
q	20	Taxilane H Reconstruction
r	10	Reconstruct and Narrow Runway 14/32
s	10	Complete a Vertically Guided Approach Survey to Runway 32
t	20	NEPA, Permit, Design, Construct GA Terminal Annex
u	20	NEPA, Permit, Design, Expand West Itinerant Apron

LEGEND

EXISTING	PROPOSED	DESCRIPTION
		AIRPORT REFERENCE POINT
		PROPERTY LINE
RVZ	(RVZ)	RUNWAY VISIBILITY ZONE
RSA	(RSA)	RUNWAY SAFETY AREA
ROFA	(ROFA)	RUNWAY OBJECT FREE AREA
ROFZ	(ROFZ)	RUNWAY OBJECT FREE ZONE
TOFA	(TOFA)	TAXIWAY OBJECT FREE AREA
(DS)	(DS)	DEPARTURE SURFACE
(TSS)	(TSS)	THRESHOLD SITING SURFACE
		LAND RELEASE
RPZ / Late	RPZ / Late	RUNWAY PROTECTION ZONES
20	N/A	CONTOUR LINES
		PAVED AIRFIELD SURFACES
		8' FENCE
		ON-AIRPORT BUILDINGS
	N/A	THRESHOLD LIGHTS
	N/A	PAPI
	N/A	RUNWAY END IDENTIFIER LIGHT (REIL)
	N/A	WIND SOCK
		BUILDING IDENTIFICATION
		EASEMENT
	N/A	NAVAID CRITICAL AREA
32	N/A	RUNWAY IDENTIFIER
	N/A	WETLANDS
	N/A	APPROACH/OBSTRUCTION LIGHT
		GATE IDENTIFICATION
N/A		PAVEMENT TO BE REMOVED
N/A		SOLAR FARM / NON-AERONAUTICAL DEVELOPMENT
		GATE LOCATION
N/A		APRON
N/A		PROPOSED DEVELOPMENT

Declared Distances				
Runway	TORA	TODA	ASDA	LDA
7	6,001	6,389	6,001	6,001
25	6,389	6,389	6,389	6,001
14	4,999	4,999	4,999	4,114
14 Ult.	4,915	4,915	4,915	4,114
32	4,114	4,999	4,999	4,999
32 Ult.	4,114	4,915	4,915	4,915

Aprons			
A1 - East Based	589	285	144,950
A2 - East Itinerant	305	202	61,852
A3 - West Itinerant	457	183	83,805
A4 - SW Ramp	376	175	65,220



Structures, Buildings & Facilities			
Buildings	Description	AGL Peak El.	MSL Peak El.
1	Hangar	20	260
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4	Airport Storage	11.8	249.8
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6	FBO	23	263.7
7	Hangar	20	253.8
8	Fire Station	24	260.1
9	Hangar	19.5	253.5
9A	APRT Storage	12	246
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16	Hangar	23	257.9
17	Hangar	23	257.9
18	Hangar	23	258.1
19	Hangar	23	258.2
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21	Hangar	23	258.7
22	Hangar	23	258.3
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46	LOC/AWOS Bldg	9.8	243.8
47	GS Bldg	9.4	243.4

NOTE:
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Airport Data Table		
Item	Existing	Future
Airport Reference Code (ARC)	D-II	C-II
Mean Max Temp of Hottest Month	82.8°F/July	Same
Airport Elevation (MSL)	244.1	Same
Airport Electronic NAVAIDS	Sponsor Owned - Beacon, ODALS, PAPI's on 7, 32, & 14 FAA owned - HVOR/DME, ILS, GS & PAPI on 25	Same
Airport Reference Point (NAD 83)		
Lattitude	43° 23' 37.70"	43° 23' 37.49"
Longitude	70° 42' 28.80"	70° 42' 28.65"
Miscellaneous Facilities	REILS on 7, MITL, Lighted Wind Cone, Supplemental Wind Cones, AWOS-3	Same
Critical Aircraft	Gulfstream G-IV	Gulfstream G450
Wingspan	77' 10"	77' 10"
Approach Speed	145 knots	less than 141 knots
Undercarriage	TDG 2	TDG 2
Magnetic Variation - 11/18/2014	15°18'41" W	4.2' E per year
NPIAS Service Level	Reliever	Same
State Service Level / Asset Category	Level 1 / Local	Same

Airport Sponsor Approval
This Airport Layout Plan Is Hereby Approved
Signature: _____ Date: _____
Name
Title

MaineDOT Approval
This Airport Layout Plan Is Hereby Approved
Signature: _____ Date: _____
Name
Title

FAA Approval
This Airport Layout Plan Is Hereby Conditionally Approved
Signature: _____ Date: _____
Name
Title

REV. NO.	DATE	DESCRIPTION	BY

DO NOT SCALE DRAWING

AIP NO.: 3-23-0003-027-2013
PROJ. NO.: 060233
DRAWN: -JLC
DESIGN: -MTO
CHECKED: -ERM
DATE: OCTOBER 2015

SHEET 3 OF 12

SHEET TITLE

ULTIMATE AIRPORT LAYOUT PLAN

Sanford Seacoast Regional Airport

Hoyle, Tanner & Associates, Inc.
150 Dow Street Manchester, NH 03101
tel: (603) 669-5555
fax: (603) 669-5168
www.hoyletanner.com

Drawing name: H:\060233\dwg\Contract\A.4.2 Proposed\ALP.dwg Sep 22, 2015 - 2:09pm

Proposed Development		
Legend	Timeframe	Proposed Development
a1	5	Wildlife Fencing - approx 9 ft - Phase 1
a2	5	Wildlife Fencing - approx 9 ft - Phase 2
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c	5	Taxiway C Rehabilitation
d	5	West Side Drainage Study
d1	10	Permit, Design, Install West Side Drainage Improvements
e	5	Land Release for Non-Aeronautical Use
f	20	NEPA, Permit Design & Expand GA Terminal BLDG
g	20	NEPA, Permit, Design, Terminal Parking Lot Expansion with Drainage
h	10	West Side Utilities Upgrade Study
i	10	Acquire Land & Building when available
j	5	Permit, Grub, Grade & Seed North of TW E
k	20	Permit, Grub, Grade & Seed 07 Approach Area
l	10	NEPA, Permit, Design, Construct 2 Holding Areas on TW E
m	5	NEPA, Permit, Design, Construct Paved Perimeter RD on 14 End
n	20	NEPA, Permit, Design, Construct Box Hangars (typical)
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p	20	Alternate Airport Access
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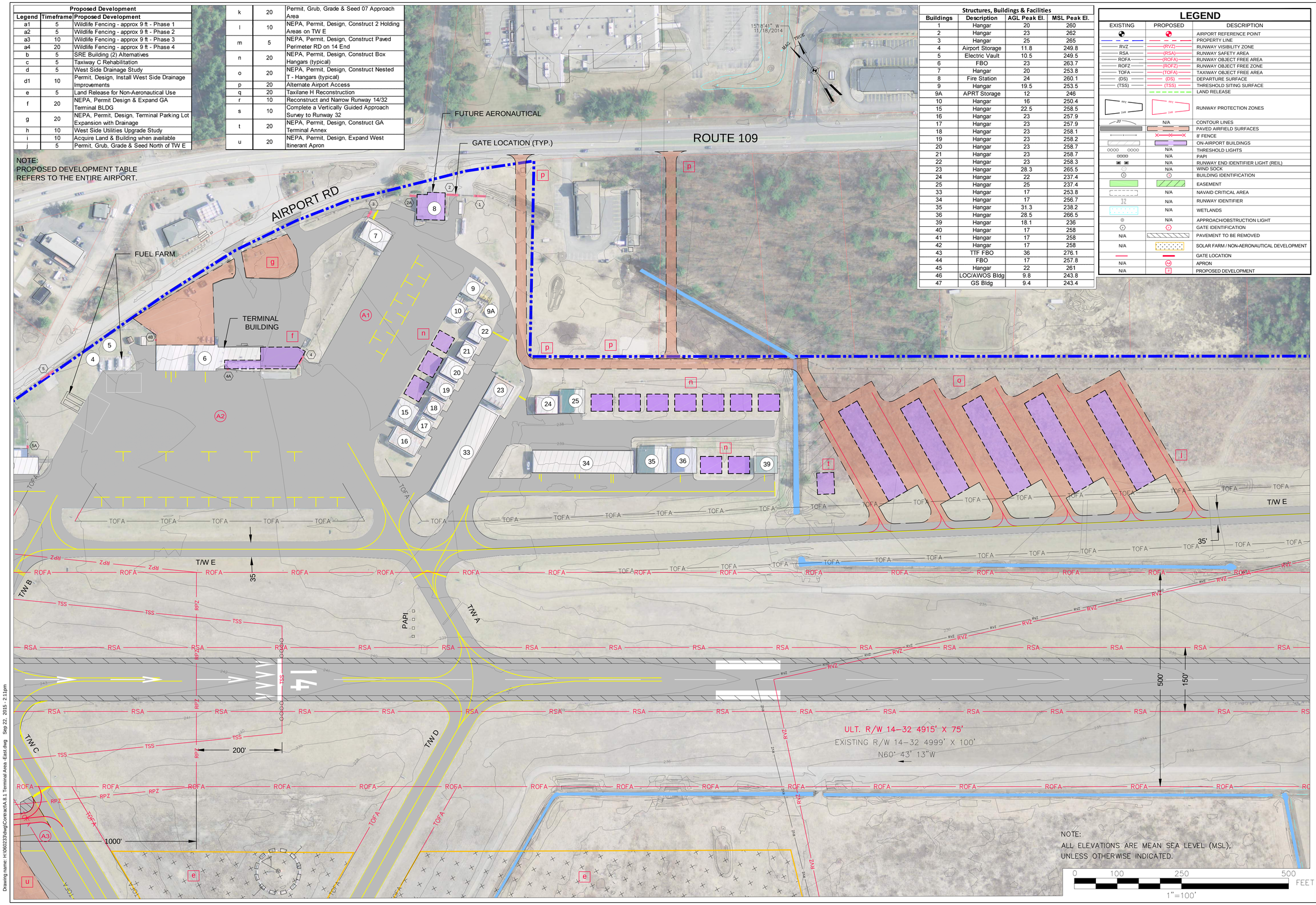
s	10	Complete a Vertically Guided Approach Survey to Runway 32
t	20	NEPA, Permit, Design, Construct GA Terminal Annex
u	20	NEPA, Permit, Design, Expand West Itinerant Apron

NOTE:
PROPOSED DEVELOPMENT TABLE
REFERS TO THE ENTIRE AIRPORT.



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LEGEND

EXISTING	PROPOSED	DESCRIPTION
		AIRPORT REFERENCE POINT
		PROPERTY LINE
RVZ	(RVZ)	RUNWAY VISIBILITY ZONE
RSA	(RSA)	RUNWAY SAFETY AREA
ROFA	(ROFA)	RUNWAY OBJECT FREE AREA
ROFZ	(ROFZ)	RUNWAY OBJECT FREE ZONE
TOFA	(TOFA)	TAXIWAY OBJECT FREE AREA
(DS)	(DS)	DEPARTURE SURFACE
(TSS)	(TSS)	THRESHOLD SITING SURFACE
		LAND RELEASE
RPZ 1,440'	RPZ 1,440'	RUNWAY PROTECTION ZONES
20	N/A	CONTOUR LINES
		PAVED AIRFIELD SURFACES
		8' FENCE
		ON-AIRPORT BUILDINGS
	N/A	THRESHOLD LIGHTS
	N/A	PAPI
	N/A	RUNWAY END IDENTIFIER LIGHT (REIL)
	N/A	WIND SOCK
3	3	BUILDING IDENTIFICATION
		EASEMENT
	N/A	NAVAID CRITICAL AREA
32 14	N/A	RUNWAY IDENTIFIER
	N/A	WETLANDS
	N/A	APPROACH/OBSTRUCTION LIGHT
4	4	GATE IDENTIFICATION
N/A		PAVEMENT TO BE REMOVED
N/A		SOLAR FARM / NON-AERONAUTICAL DEVELOPMENT
		GATE LOCATION
N/A	A4	APRON
N/A	#	PROPOSED DEVELOPMENT

REV. NO.	DATE	DESCRIPTION	BY

AIP NO.: 3-23-0003-027-2013
PROJ. NO.: 060233
DRAWN: -JLC
DESIGN: -MTO
CHECKED: -ERM
DATE: OCTOBER 2015
SHEET 4 OF 12

DO NOT SCALE DRAWING

SHEET TITLE
TERMINAL AREA PLAN -EAST

Sanford Seacoast Regional Airport

Hoyle, Tanner & Associates, Inc.
150 Dow Street Manchester, NH 03101
tel: (603) 669-5555
fax: (603) 669-5168
www.hoyletanner.com

Drawing name: H:\060233\dwg\Contract\A 8.1 Terminal Area -East.dwg Sep 22, 2015 - 2:11pm

NOTE:
ALL ELEVATIONS ARE MEAN SEA LEVEL (MSL), UNLESS OTHERWISE INDICATED.

Proposed Development		
Legend	Timeframe	Proposed Development
a1	5	Wildlife Fencing - approx 9 ft - Phase 1
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a3	10	Wildlife Fencing - approx 9 ft - Phase 3
a4	20	Wildlife Fencing - approx 9 ft - Phase 4
b	5	SRE Building (2) Alternatives
c	5	Taxiway C Rehabilitation
d	5	West Side Drainage Study
d1	10	Permit, Design, Install West Side Drainage Improvements
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p	20	Alternate Airport Access
q	20	Taxilane H Reconstruction
r	10	Reconstruct and Narrow Runway 14/32
s	10	Complete a Vertically Guided Approach Survey to Runway 32
t	20	NEPA, Permit, Design, Construct GA Terminal Annex
u	20	NEPA, Permit, Design, Expand West Itinerant Apron

Structures, Buildings & Facilities			
Buildings	Description	AGL Peak El.	MSL Peak El.
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8	Fire Station	24	260.1
9	Hangar	19.5	253.5
9A	APRT Storage	12	246
10	Hangar	16	250.4
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17	Hangar	23	257.9
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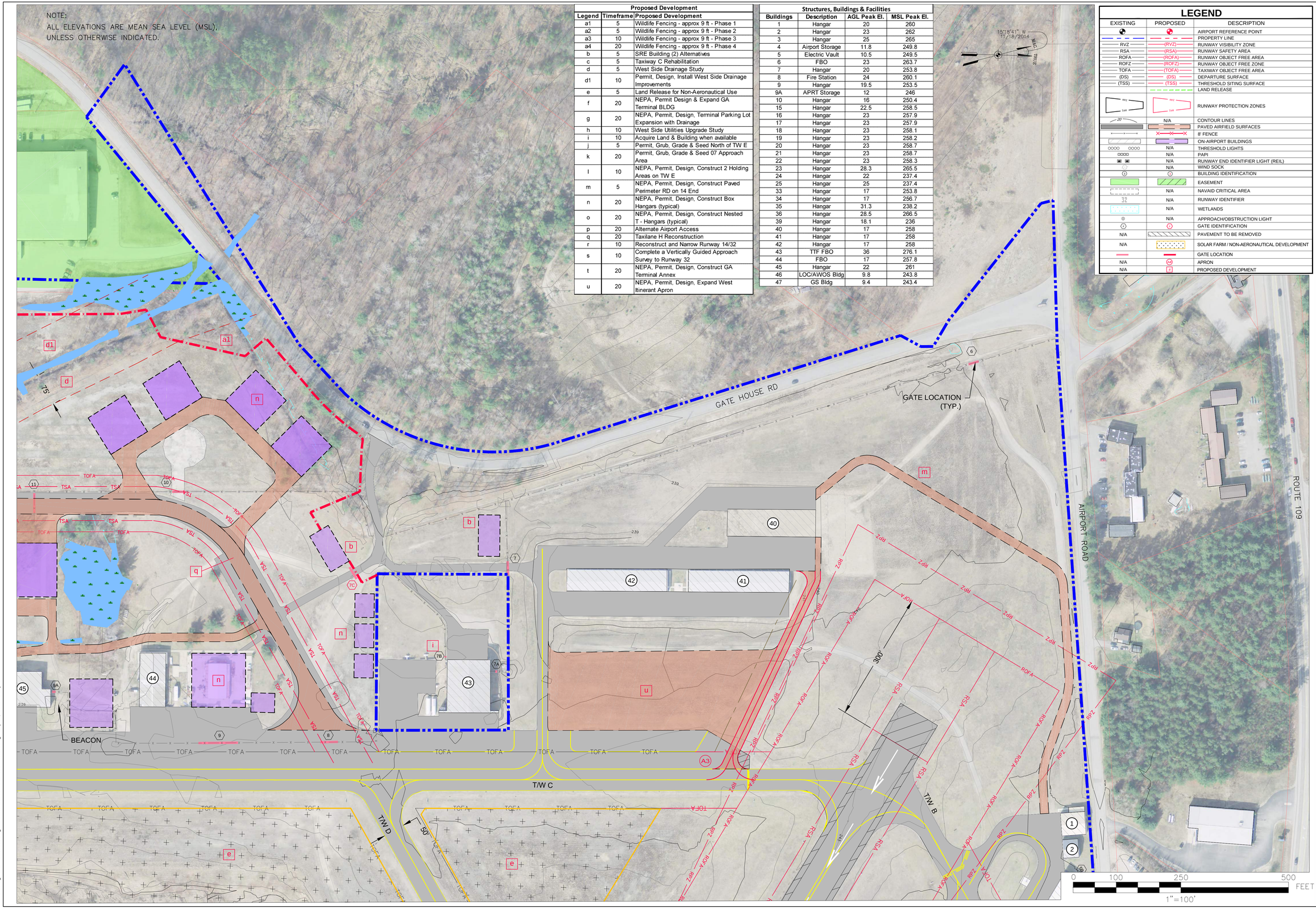
LEGEND

EXISTING	PROPOSED	DESCRIPTION
		AIRPORT REFERENCE POINT
		PROPERTY LINE
RVZ	(RVZ)	RUNWAY VISIBILITY ZONE
RSA	(RSA)	RUNWAY SAFETY AREA
ROFA	(ROFA)	RUNWAY OBJECT FREE AREA
ROFZ	(ROFZ)	RUNWAY OBJECT FREE ZONE
TOFA	(TOFA)	TAXIWAY OBJECT FREE AREA
(DS)	(DS)	DEPARTURE SURFACE
(TSS)	(TSS)	THRESHOLD SITING SURFACE
		LAND RELEASE
RPZ, ZoII	RPZ, ZoII	RUNWAY PROTECTION ZONES
20	N/A	CONTOUR LINES
		PAVED AIRFIELD SURFACES
		8' FENCE
		ON-AIRPORT BUILDINGS
	N/A	THRESHOLD LIGHTS
	N/A	PAPI
	N/A	RUNWAY END IDENTIFIER LIGHT (REIL)
	N/A	WIND SOCK
		BUILDING IDENTIFICATION
		EASEMENT
	N/A	NAVAID CRITICAL AREA
32	N/A	RUNWAY IDENTIFIER
	N/A	WETLANDS
	N/A	APPROACH/OBSTRUCTION LIGHT
		GATE IDENTIFICATION
N/A		PAVEMENT TO BE REMOVED
N/A		SOLAR FARM / NON-AERONAUTICAL DEVELOPMENT
		GATE LOCATION
N/A		APRON
N/A		PROPOSED DEVELOPMENT



NO.	DATE	DESCRIPTION	BY

AIP NO.: 3-23-0003-027-2013
PROJ. NO.: 060233
DRAWN: -JLC
DESIGN: -MTO
CHECKED: -ERM
DATE: OCTOBER 2015
SHEET 5 OF 12

DO NOT SCALE DRAWING

TERMINAL AREA PLAN -WEST
SHEET 1

Sanford Seacoast Regional Airport

Hoyle, Tanner & Associates, Inc.
150 Dow Street Manchester, NH 03101
tel: (603) 669-5555
fax: (603) 669-5168
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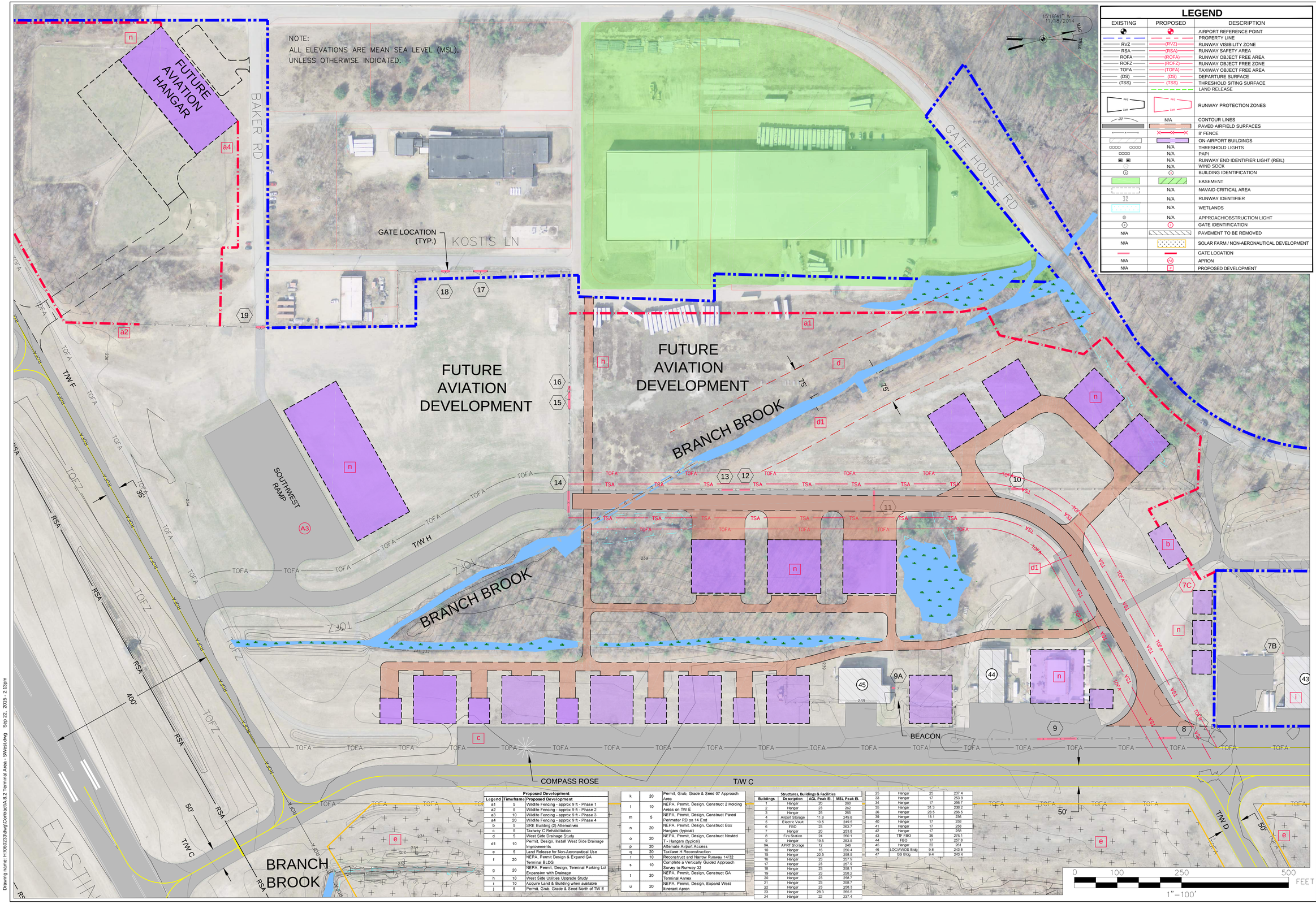
Drawing name: H:\060233\dwg\Contract\A.8.2 Terminal Area - NWest.dwg Sep 22, 2015 - 2:12pm



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(DS)	(DS)	DEPARTURE SURFACE
(TSS)	(TSS)	THRESHOLD SITING SURFACE
		LAND RELEASE
RPZ, Edit	RPZ, Edit	RUNWAY PROTECTION ZONES
20'	N/A	CONTOUR LINES
		PAVED AIRFIELD SURFACES
		8' FENCE
		ON-AIRPORT BUILDINGS
	N/A	THRESHOLD LIGHTS
	N/A	PAPI
	N/A	RUNWAY END IDENTIFIER LIGHT (REIL)
	N/A	WIND SOCK
		BUILDING IDENTIFICATION
		EASEMENT
	N/A	NAVAID CRITICAL AREA
32	N/A	RUNWAY IDENTIFIER
	N/A	WETLANDS
	N/A	APPROACH/OBSTRUCTION LIGHT
		GATE IDENTIFICATION
N/A		PAVEMENT TO BE REMOVED
N/A		SOLAR FARM / NON-AERONAUTICAL DEVELOPMENT
		GATE LOCATION
N/A		APRON
N/A		PROPOSED DEVELOPMENT

Proposed Development

Legend	Timeframe	Proposed Development
a1	5	Wildlife Fencing - approx 9 ft - Phase 1
a2	5	Wildlife Fencing - approx 9 ft - Phase 2
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a4	20	Wildlife Fencing - approx 9 ft - Phase 4
b	5	SRE Building (2) Alternatives
c	5	Taxiway C Rehabilitation
d	5	West Side Drainage Study
d1	10	Permit, Design, Install West Side Drainage Improvements
e	5	Land Release for Non-Aeronautical Use
f	20	NEPA, Permit Design & Expand GA Terminal BLDG
g	20	NEPA, Permit, Design, Terminal Parking Lot Expansion with Drainage
h	10	West Side Utilities Upgrade Study
i	10	Acquire Land & Building when available
j	5	Permit, Grub, Grade & Seed North of TW E
k	20	Permit, Grub, Grade & Seed 07 Approach Area
l	10	NEPA, Permit, Design, Construct 2 Holding Areas on TW E
m	5	NEPA, Permit, Design, Construct Paved Perimeter RD on 14 End
n	20	NEPA, Permit, Design, Construct Box Hangars (typical)
o	20	NEPA, Permit, Design, Construct Nested T - Hangars (typical)
p	20	Alternate Airport Access
q	20	Taxilane H Reconstruction
r	10	Reconstruct and Narrow Runway 14/32
s	10	Complete a Vertically Guided Approach Survey to Runway 32
t	20	NEPA, Permit, Design, Construct GA Terminal Annex
u	20	NEPA, Permit, Design, Expand West Ninetant Apron

Structures, Buildings & Facilities

Buildings	Description	AGL Peak El.	MSL Peak El.
1	Hangar	20	260
2	Hangar	23	262
3	Hangar	25	265
4	Airport Storage	11.8	249.8
5	Electric Vault	10.5	249.5
6	FBO	23	263.7
7	Hangar	20	253.8
8	Fire Station	24	260.1
9	Hangar	19.5	253.5
9A	APRT Storage	12	246
10	Hangar	16	250.4
15	Hangar	22.5	258.5
16	Hangar	23	257.9
17	Hangar	23	257.9
18	Hangar	23	258.1
19	Hangar	23	258.2
20	Hangar	23	258.7
21	Hangar	23	258.7
22	Hangar	23	258.3
23	Hangar	28.3	265.5
24	Hangar	22	237.4
25	Hangar	25	237.4
33	Hangar	17	253.8
34	Hangar	17	256.7
35	Hangar	31.3	238.2
36	Hangar	28.5	266.5
39	Hangar	18.1	236
40	Hangar	17	258
41	Hangar	17	258
42	Hangar	17	258
43	TIF FBO	36	276.1
44	FBO	17	257.8
45	Hangar	22	261
46	LOGAWVOS Bldg	9.8	243.8
47	GS Bldg	9.4	243.4

AIP NO.:	3-23-0003-027-2013
PROJ. NO.:	060233
DRAWN:	-JLC
DESIGN:	-MTO
CHECKED:	-ERM
DATE:	OCTOBER 2015
SHEET	6 OF 12

REV. NO.	DATE	DESCRIPTION	BY

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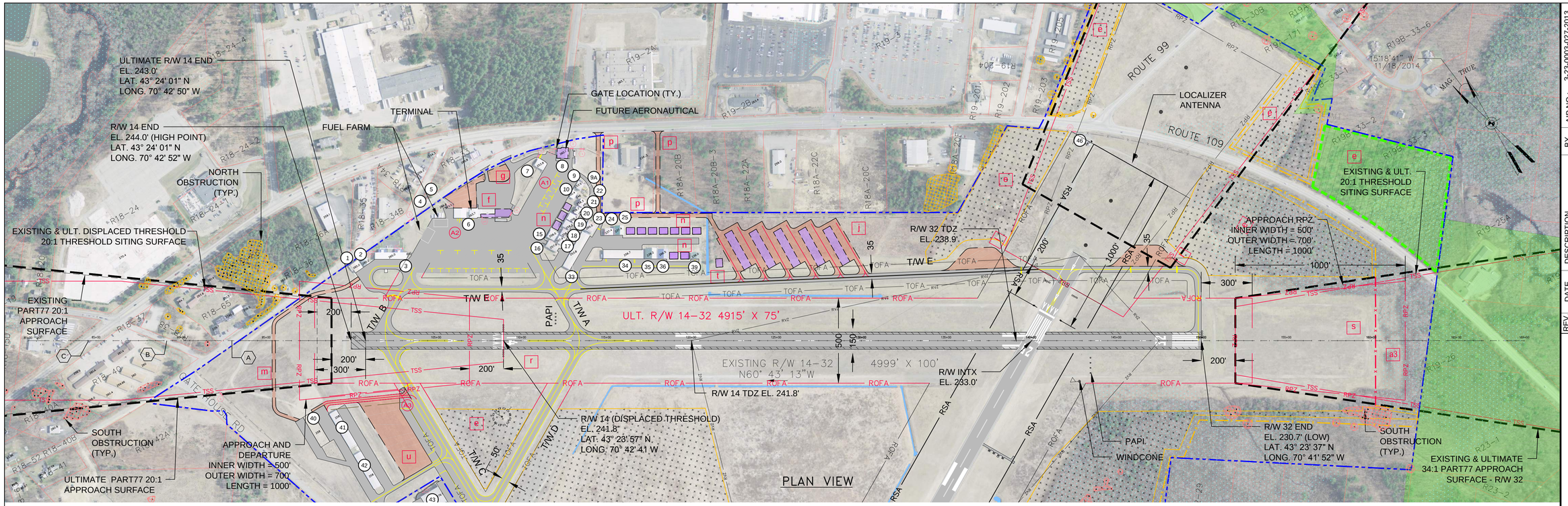
SHEET TITLE

TERMINAL AREA PLAN -WEST
SHEET 2

Sanford Seacoast Regional Airport

Hoyle, Tanner & Associates, Inc.
150 Dow Street Manchester, NH 03101
tel: (603) 669-5555
fax: (603) 669-5168
www.hoyletanner.com

Drawing name: H:\060233\dwg\Contract\A.8.2 Terminal Area - SWest.dwg Sep 22, 2015 - 2:13pm



LEGEND

EXISTING	PROPOSED	DESCRIPTION
		AIRPORT REFERENCE POINT
		PROPERTY LINE
RVZ	(RVZ)	RUNWAY VISIBILITY ZONE
RSA	(RSA)	RUNWAY SAFETY AREA
ROFA	(ROFA)	RUNWAY OBJECT FREE AREA
ROFZ	(ROFZ)	RUNWAY OBJECT FREE ZONE
TOFA	(TOFA)	TAXIWAY OBJECT FREE AREA
(DS)	(DS)	DEPARTURE SURFACE
(TSS)	(TSS)	THRESHOLD SITING SURFACE
		LAND RELEASE
		PAVED AIRFIELD SURFACES
		8' FENCE
		ON-AIRPORT BUILDINGS
	N/A	THRESHOLD LIGHTS
	N/A	PAPI

LEGEND

EXISTING	PROPOSED	DESCRIPTION
	N/A	RUNWAY END IDENTIFIER LIGHT (REIL)
	N/A	WIND SOCK
		BUILDING IDENTIFICATION
		EASEMENT
	N/A	WETLANDS
	N/A	APPROACH/OBSTRUCTION LIGHT
		GATE IDENTIFICATION
N/A		PAVEMENT TO BE REMOVED
N/A		SOLAR FARM / NON-AERONAUTICAL DEVELOPMENT
		GATE LOCATION
N/A		APRON
N/A		PROPOSED DEVELOPMENT

Proposed Development

Legend	Timeframe	Proposed Development
a1	5	Wildlife Fencing - approx 9 ft - Phase 1
a2	5	Wildlife Fencing - approx 9 ft - Phase 2
a3	10	Wildlife Fencing - approx 9 ft - Phase 3
a4	20	Wildlife Fencing - approx 9 ft - Phase 4
b	5	SRE Building (2) Alternatives
c	5	Taxiway C Rehabilitation
d	5	West Side Drainage Study
d1	10	Permit, Design, Install West Side Drainage Improvements
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f	20	NEPA, Permit Design & Expand GA Terminal BLDG
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l	10	NEPA, Permit, Design, Construct 2 Holding Areas on TW E
m	5	NEPA, Permit, Design, Construct Paved Perimeter RD on 14 End
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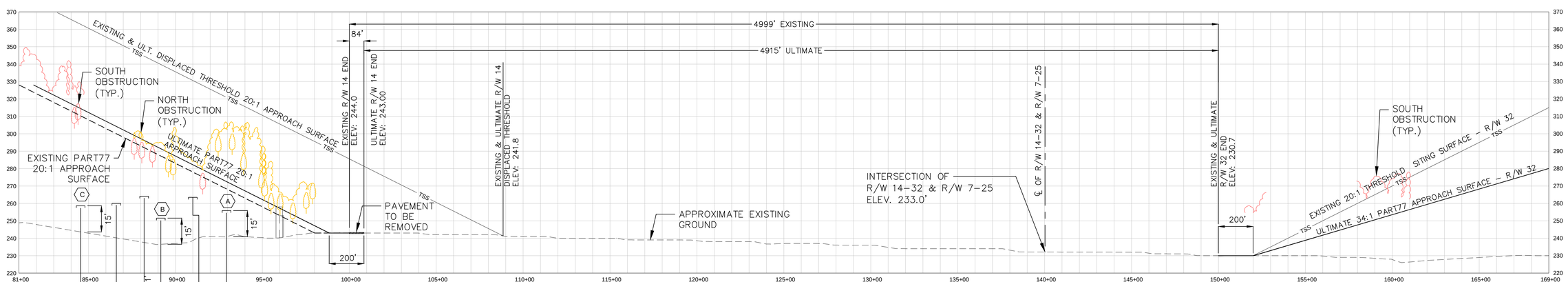
o	20	NEPA, Permit, Design, Construct Nested T- Hangars (typical)
p	20	Alternate Airport Access
q	20	Taxilane H Reconstruction
r	10	Reconstruct and Narrow Runway 14/32
s	10	Complete a Vertically Guided Approach Survey to Runway 32
t	20	NEPA, Permit, Design, Construct GA Terminal Annex
u	20	NEPA, Permit, Design, Expand West Itinerant Apron

1"= 300' HORIZONTAL
0 300 750 1500 FEET
0 30 60 75 150
1"= 30' VERTICAL

OBSTRUCTION DATA SOURCE:
MAINE DOT AERIAL SURVEY (2001)

NOTE:
ALL ELEVATIONS ARE MEAN SEA LEVEL (MSL), UNLESS OTHERWISE INDICATED.



PROFILE

NORTH SOUTH
PLAN VIEW OBSTRUCTIONS
PROFILE VIEW OBSTRUCTIONS

REV. NO.	DATE	DESCRIPTION	BY

AIP NO.: 3-23-0003-027-2013
PROJ. NO.: 060233
DRAWN: -JLC
DESIGN: -MTO
CHECKED: -ERM
DATE: MAY 2015
SHEET 7 OF 12

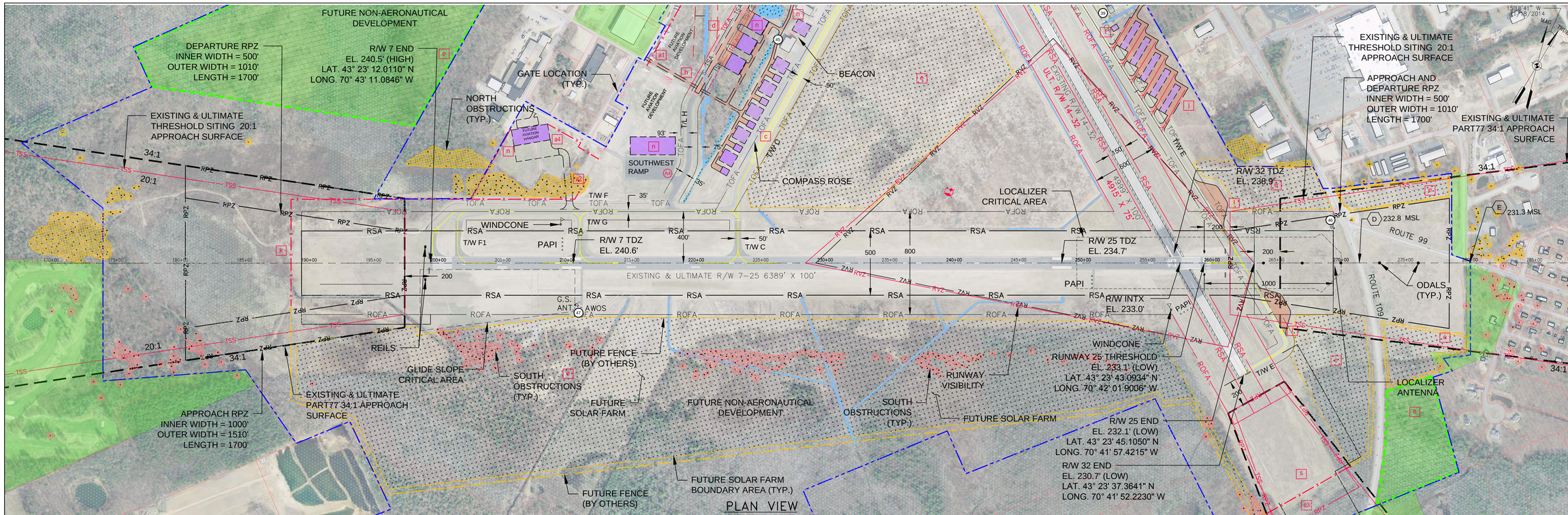
DO NOT SCALE DRAWING

SHEET TITLE
PLAN AND PROFILE RUNWAY 14-32

Sanford Seacoast Regional Airport

Hoyle, Tanner & Associates, Inc.
150 Dow Street Manchester, NH 03101
tel: (603) 669-5555
fax: (603) 669-5168
www.hoyletanner.com

Drawing name: H:\060233\dwg\Contract\A.6.1 - 14-32 Inner Approach Surface.dwg Sep 22, 2015 - 2:36pm



LEGEND

EXISTING	PROPOSED	DESCRIPTION
		AIRPORT REFERENCE POINT
		PROPERTY LINE
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RSA	(RSA)	RUNWAY SAFETY AREA
ROFA	(ROFA)	RUNWAY OBJECT FREE AREA
ROFZ	(ROFZ)	RUNWAY OBJECT FREE ZONE
TOFA	(TOFA)	TAXIWAY OBJECT FREE AREA
(DS)	(DS)	DEPARTURE SURFACE
(TSS)	(TSS)	THRESHOLD SITING SURFACE
		LAND RELEASE
		PAVED AIRFIELD SURFACES
		8' FENCE
		ON-AIRPORT BUILDINGS
	N/A	THRESHOLD LIGHTS
	N/A	PAPI

LEGEND

EXISTING	PROPOSED	DESCRIPTION
	N/A	RUNWAY END IDENTIFIER LIGHT (REIL)
	N/A	WIND SOCK
		BUILDING IDENTIFICATION
		EASEMENT
	N/A	WETLANDS
	N/A	APPROACH/OBSTRUCTION LIGHT
		GATE IDENTIFICATION
N/A		PAVEMENT TO BE REMOVED
N/A		SOLAR FARM / NON-AERONAUTICAL DEVELOPMENT
		GATE LOCATION
N/A		APRON
N/A		PROPOSED DEVELOPMENT

Proposed Development

Legend	Timeframe	Proposed Development
a1	5	Wildlife Fencing - approx 9 ft - Phase 1
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p	20	Alternate Airport Access
q	20	Taxilane H Reconstruction
r	10	Reconstruct and Narrow Runway 14/32
s	10	Complete a Vertically Guided Approach Survey to Runway 32
t	20	NEPA, Permit, Design, Construct GA Terminal Annex
u	20	NEPA, Permit, Design, Expand West Itinerant Apron

1"= 400' HORIZONTAL

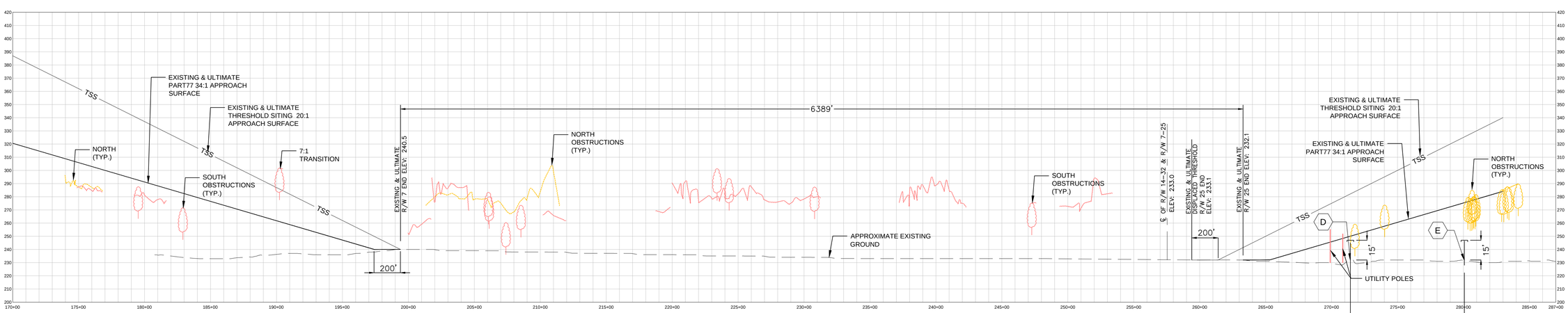
0 400 1000 2000 FEET

0 40 80 100 200

1"= 4' VERTICAL

OBSTRUCTION DATA SOURCE:
LPV Obstruction Survey (06/20/2010)

NOTE:
ALL ELEVATIONS ARE MEAN SEA LEVEL (MSL), UNLESS OTHERWISE INDICATED.



NORTH SOUTH

PLAN VIEW OBSTRUCTIONS

PROFILE VIEW OBSTRUCTIONS

NOTE:

PART77 REQUIRES 50:1 APPROACH FOR PRECISION RUNWAYS SUCH AS RUNWAY 7. HOWEVER, 34:1 IS A WIDELY ACCEPTED PRACTICE IN NEW ENGLAND DUE TO THE TERRAIN.

PROFILE

AIP NO.:	3-23-0003-027-2013
PROJ. NO.:	060233
DRAWN:	-JLC
DESIGN:	-MTO
CHECKED:	-ERM
DATE:	MAY 2015
SHEET	8 OF 12

REV. NO.	DATE	DESCRIPTION	BY

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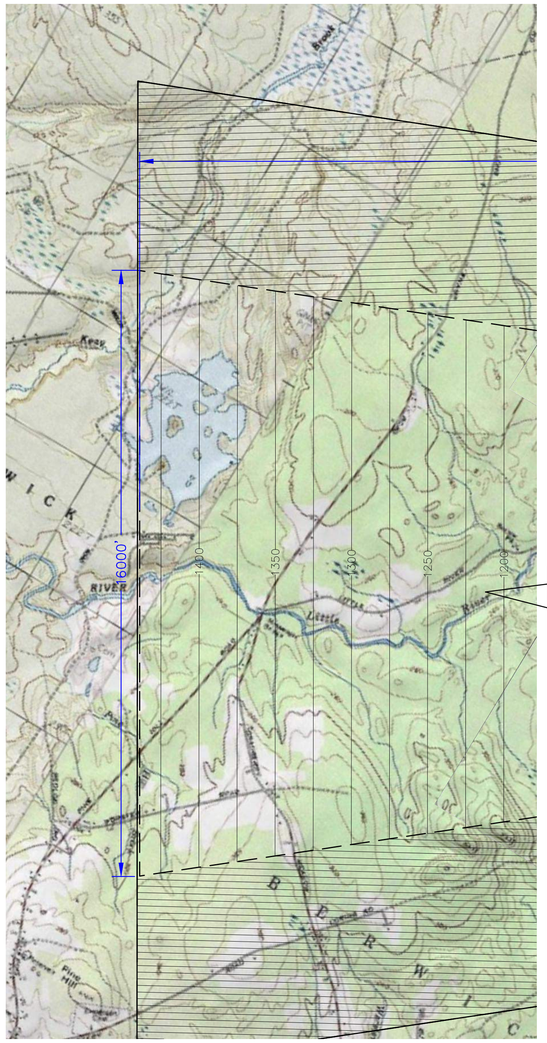
SHEET TITLE

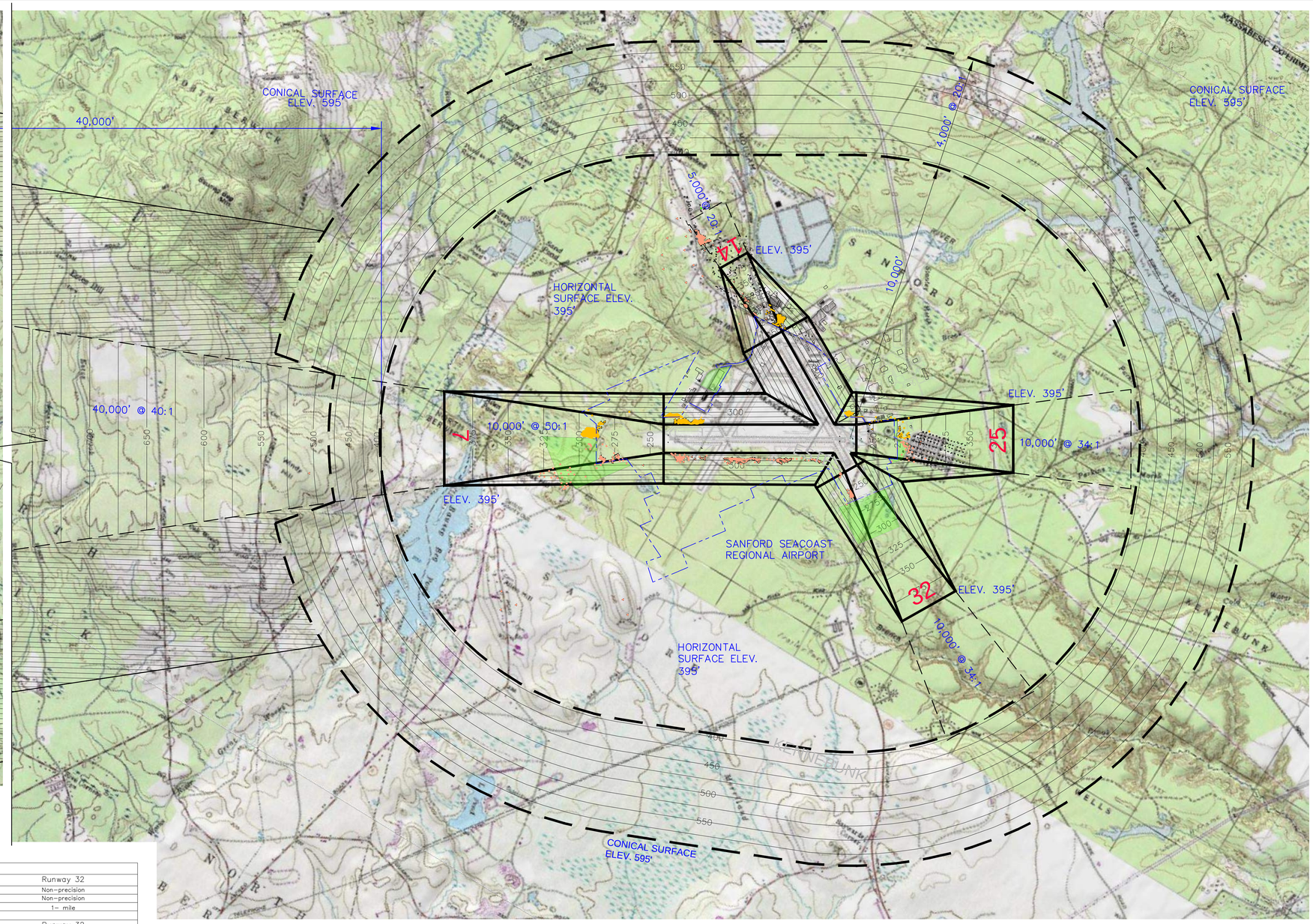
PLAN AND PROFILE RUNWAY 7-25

Sanford Seacoast Regional Airport

Hoyle, Tanner & Associates, Inc.
150 Dow Street Manchester, NH 03101
tel: (603) 669-5555
fax: (603) 669-5168
www.hoyletanner.com

Drawing name: H:\060233\dwg\Contract\A.6.2 - 7-25 Inner Approach Surface.dwg Sep 22, 2015 - 2:39pm





Sanford Regional Airport Part 77 Airspace Surfaces				
Airport Data	Runway 07	Runway 25	Runway 14	Runway 32
Classification	Precision	Non-precision	Visual	Non-precision
Approach	Precision	Non-precision	Visual	Non-precision
Visibility Minimums	3/4- mile	1- mile	3 - miles	1- mile
Airport Elevation	245			
Airport Imaginary Surface	Runway 07	Runway 25	Runway 14	Runway 32
Horizontal Surface:				
Horizontal Surface Elevation	395			
Horizontal Surface Radius	10,000'	10,000'	5,000'	10,000'
Conical Surface:				
Horizontal Distance	4,000'	4,000'	4,000'	4,000'
Slope	20:1	20:1	20:1	20:1
Primary Surface:				
Length beyond runway end	200'	200'	200'	200'
Width	1,000 (2)	1,000'	500' (2)	500'
Approach Surface:				
Horizontal Distance	10,000' and 40,000' (3)	10,000'	5,000'	10,000'
Inner Edge Width	1,000'	1,000'	500'	500'
Outer Edge Width	16,000'	3,500'	1,500'	3,500'
Slope	50:1 and 40:1 (3) (4)	34:1	20:1	34:1
Transitional Surfaces:	7:1	7:1	7:1	7:1
Source: CFR Part 77, Objects Affecting Navigable Airspace				
Notes:				
1. Dimensions are in feet unless otherwise noted				
2. The width of the primary surface of a runway is the width prescribed for the most precise approach for either end of that runway; therefore, the precision approach to Runway 07 determines the primary surface width of 1,000 feet for Runway 25, as well.				
3. CFR Part 77's approach surface standards require a horizontal distance of 10,000 feet at a slope of 50 (horizontally) to 1 (vertically) with an additional 40,000 feet at a slope of 40 (horizontally) to 1 (vertically) for all precision instrument runways, such as Runway 07, a precision approach runway with 3/4 mile visibility minimums.				
4. CFR Part 77's approach surface standards require a 50:1 slope for Runway 07, a precision approach runway with 3/4 mile visibility minimums. However, the FAA accepted a slope of 34:1 due to the surrounding mountainous terrain, a common phenomenon within the New England region. The horizontal distance of the precision approach surface for Runway 07 is 50,000 feet, not 10,000 feet, which is the standard distance required for a 34:1 slope. This is due to the imaginary surface requirements for a precision approach to Runway 07, which should be maintained even if the 50:1 slope cannot.				

LEGEND

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	CONICAL SURFACE		APPROACH SURFACE ABOVE HORIZONTAL SURFACE ELEVATION
	HORIZONTAL SURFACE		APPROACH SURFACE
395	SURFACE ELEVATION CONTOUR	7	RUNWAY END DESIGNATION
NORTH / SOUTH	FAR PART 77 SURFACE PENETRATIONS		

NOTE:
ALL ELEVATIONS ARE MEAN SEA LEVEL (MSL), UNLESS OTHERWISE INDICATED.

0 2000 5000 10,000 FEET
1"=2000'

REV. NO.	DATE	DESCRIPTION	BY

AIP NO.: 3-23-0003-027-2013
PROJ. NO.: 060233
DRAWN: -JLC
DESIGN: -MTO
CHECKED: -ERM
DATE: OCTOBER 2015
SHEET 9 OF 12

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SHEET TITLE
CFR PART 77
SURFACE DRAWING

Sanford Seacoast Regional Airport

Hoyle, Tanner & Associates, Inc.
150 Dow Street Manchester, NH 03101
tel: (603) 669-5555
fax: (603) 669-5168
www.hoyletanner.com

Drawing name: H:\060233\dwg\Contract\A-5 Airport Airspace Drawing.dwg Sep 22, 2015 - 2:18pm

Runway Data

		Existing and Ultimate		Existing		Ultimate	
Runway Identification		Runway 7/25		Runway 14/32		Runway 14/32	
Runway Design Code (RDC)		C-II-4000		C-II-5000		B-II-5000	
Approach Reference Code (APRC)		D/IV/4000	D/IV/5000	B/III/VIS		B/III/5000	
Departure Reference Code (DPRC)		D/IV		B/III		B/III	
Pavement Strength & Material Type		Hot Mix Asphalt		Hot Mix Asphalt		Hot Mix Asphalt	
Pavement Strength (x 1,000 LBS Wheel Loading.)		Single Wheel 65.0 / Dual Wheel 100.0		Dual Wheel 72.0		Dual Wheel 72.0	
Pavement Strength (PCN)		38/F/A/X/U		38/F/A/X/U		38/F/A/X/U	
Pavement Strength Surface Treatment		Grooved		none		Grooved	
Effective Runway Gradient (%)		0.80%		0.27%		0.27%	
Percent (%) Wind Coverage		95.93% - 98.36% - 99.66%		95.09% - 97.34% - 99.34%		95.09% - 97.34% - 99.34%	
Runway Dimensions (L x W)		6,389 x 100		4,999 x 100		4,915 x 75	
		Runway 7	Runway 25	Runway 14	Runway 32	Runway 14	Runway 32
Displaced Threshold Elevation		–	232.52 msl	241.7 msl	N/A	241.7 msl	N/A
Runway Safety Area Dimensions		8,389 x 500	8,389 x 500	5,714 x 500	5,714 x 500	5,515 x 150	5,515 x 150
Runway End Coordinates	Latitude:	N 43° 23' 12.01"	N 43° 23' 45.10"	N 43° 24' 01.24"	N 43° 23' 37.37"	N 43° 24' 00.83"	N 43° 23' 37.37"
	Longitude:	W 070° 43' 11.07"	W 070° 41' 57.42"	W 070° 42' 51.51"	W 070° 41' 52.23"	W 070° 42' 50.50"	W 070° 41' 52.23"
	Elevation:	240.5	232.1	244.0	230.7	243.0	230.7
Displaced Threshold Coordinates	Latitude:	N/A	N 43° 23' 43.09"	N 43° 23' 57.00"	N/A	N 43° 23' 57.00"	N/A
	Longitude:	N/A	W 070° 42' 01.89"	W 070° 42' 41.00"	N/A	W 070° 42' 41.00"	N/A
	Elevation:	N/A	233.1	241.8	N/A	241.8	N/A
	Distance:	N/A	388	896	N/A	811	N/A
Runway Lighting Type		HIRL		MIRL		MIRL	
Runway Protection Zone (RPZ) Dimensions	Approach:	1,700 x 1,000 x 1,510	1,700 x 500 x 1,010	1,700 x 500 x 1,010	1,700 x 500 x 1,010	1,000 x 500 x 700	1,000 x 500 x 700
	Departure:	1,700 x 500 x 1,010	1,700 x 500 x 1,010	1,700 x 500 x 1,010	1,700 x 500 x 1,010	1,000 x 500 x 700	1,000 x 500 x 700
Runway Marking Type		Precision	Non-Precision	Visual	Non-Precision	Visual	Non-Precision
14 CFR Part 77 Approach Category		50:1 (34:1) & 40:1		20:1	34:1	20:1	34:1
Approach Type		Precision	Non-Precision	Visual	Non-Precision	Visual	Non-Precision
Visibility Minimums		4,000	5,000	Visual	5000	Visual	5,000
Type of Aeronautical Survey Required for Approach		Vertically Guided	Vertically Guided	Visual	NVGS	Visual	NVGS**
Runway Departure Surface		Yes	Yes	Yes	Yes	Yes	Yes
Runway Object Free Area		8,001 x 800		5,714 x 800		5,515 x 500	
Obstacle Free Zone		6,401 x 400		5,399 x 400		5,315 x 400	
Threshold Siting Surface (TSS)	Approach:	30:1 No TSS Penetrations	30:1 No TSS Penetrations	20:1 No TSS Penetrations	20:1 No TSS Penetrations	20:1 No TSS Penetrations	30:1 No TSS Penetrations
Threshold Siting Surface (TSS)	Departure:	40:1 No Penetrations	40:1 No Penetrations	40:1 No Penetrations	Numerous 40:1 Penetrations***	40:1 No Penetrations	Numerous 40:1 Penetrations***
Visual and Instrument NAVAIDS		ILS /GPS / VOR(DME) / PAPI-4	GPS / VOR(DME) / PAPI-4	PAPI-4	GPS / PAPI-4	PAPI-4	LPV /GPS / PAPI-4
Touchdown Zone Elevation		240.6	234.7	241.8	238.9	241.8	238.9
Taxiway and Taxilane Width		50* & 35	35	35		35	
Taxiway and Taxilane Safety Area Dimensions		118*	79	79		79	
Taxiway and Taxilane Object Free Area		186*	131 &115	131 & 115		131 &115	
Taxiway and Taxilane Separation		93*	65.5	65.5		65.5	
Taxiway / Taxilane Lighting		MITL	MITL	MITL		MITL	
Vertical and Horizontal Datum		NAD 83 / NAVD 88	NAD 83 / NAVD 88	NAD 83 / NAVD 88		NAD 83 / NAVD 88	
	Horizontal	NAD 83	NAD 83	NAD 83		NAD 83	
	Vertical	NAVD 88	NAVD 88	NAVD 88		NAVD 88	

* TWY C and F were designed and built to accommodate documented itinerant use by C-III aircraft taxiing to/from West Ramp parking to Runway 7-25
** for future APV the NVGS must be supplemented with the first 10,200 ft of the VGA surface.
*** Penetrations to DS are on the departure end of RWY 32

49 CFR Part 77 Imaginary Approach Surfaces - Existing and Future		
Runway End	Approach Category	Approach Slope
7	Precision	34:1 (a)
25	Non-precision	34:1
14	Visual	20:1
32	Non-precision	34:1

Note (a) 49 CFR PART 77 approach surface standards require an obstruction identification imaginary approach slope of 50:1 for a precision approach runway. Source: http://www.ngs.noaa.gov/AERO/oisspec.html. The FAA accepts a slope of 34:1 for obstruction identification. The horizontal distance of the precision approach surface for runway 07 is 50,000 feet. (the first 10,000 feet at 50:1 and the remaining 40,000 ft at 40:1) This is the standard distance for a precision approach imaginary surface, which should be maintained even if the obstruction slope

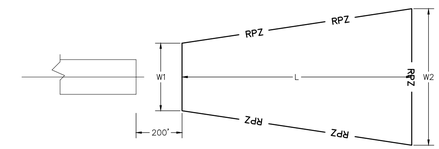
Approach Runway Protection Zone Dimensions

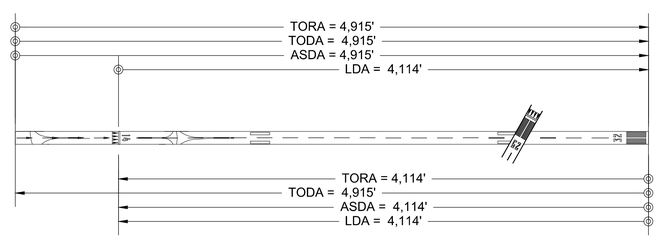
Runway End	Approach Category	Existing L	Existing W1	Existing W2	Future L	Future W1	Future W2
07(a)	Precision NLT 3/4 Vis	1700	1000	1510	1700	1000	1510
25(a)	NPI 1 mile Vis	1700	500	1010	1700	500	1010
14(b)	Visual	1700	500	1010	1000	500	700
32(b)	NPI 1 mile Vis	1700	500	1010	1000	500	700

(a) Runway 07/25 is aircraft approach category C-II and will remain C-II
(b) Runway 14/32 is proposed to be changed from C-II to B-II aircraft approach category

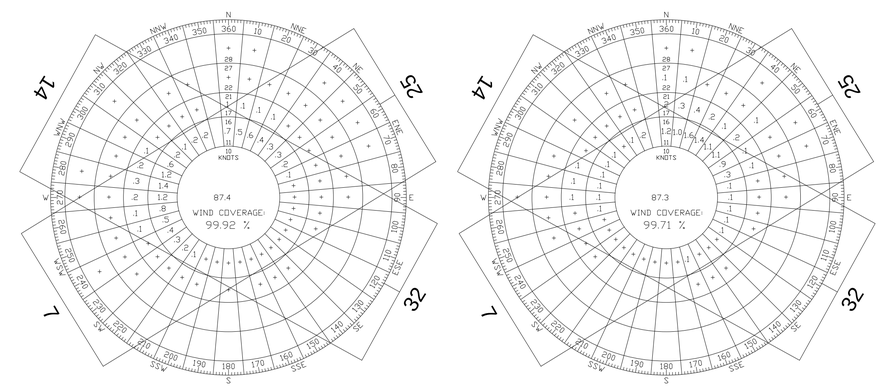
Existing Pavement Dimensions

Runway	Length	Width	Ft Sq
14/32	5000	100	500,000
07/25	6388	100	638,840
Taxiway			
A	256	50	23,883
B	390	35	24,350
C	3615	50	190,549
D	1085	35	58,655
E	5163	35	186,074
F	2565	35	103,521
F1	300	35	15,295
G	332	35	17,348
Taxilanes - H	931	35	34,131
East taxilanes (2)	1503	50	79,542
Aprons			
A1 - East Based	589	285	144,950
A2 - East Itinerant	305	202	61,852
A3 - West Itinerant	457	183	83,805
A4 - SW Ramp	376	175	65,220





DECLARED DISTANCES RUNWAY 14–32

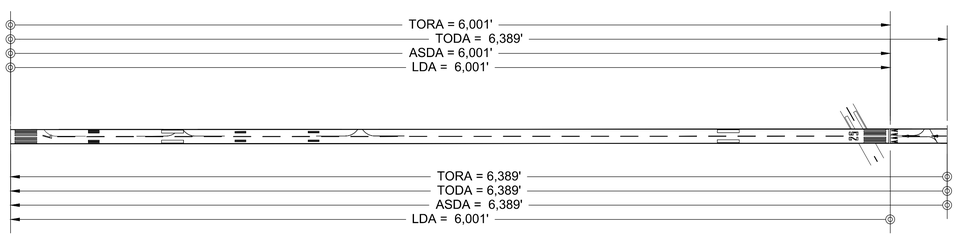


AIRPORT REFERENCE CODE
ARC C–II

ALL WEATHER IMC WEATHER

Meteorological Condition	Observations	Runway	Wind Coverage Crosswind 10.5	13	16
All-Weather	268,041	07/25	95.93%	98.36%	99.66%
		14/32	95.09%	97.34%	99.34%
		Combined	98.82%	99.63%	99.92%
Visual Meteorological Conditions (VMC)	226,482	07/25	95.86%	98.36%	99.68%
		14/32	96.03%	98.00%	99.59%
		Combined	99.08%	99.74%	99.96%
Instrument Meteorological Conditions (IMC)	41,559	07/25	96.31%	98.34%	99.54%
		14/32	89.97%	93.76%	97.98%
		Combined	97.42%	99.03%	99.71%

Source: NCDC. SFM Airport (726054), 2004 to 2014. FAA Airports GIS , Airport Design Tools, Standard Wind Analysis



DECLARED DISTANCES RUNWAY 7–25

IFR Runway Minimums

Runway End	Existing IFP	Existing Minimums	Future IFP	Future Minimums
14	None	N/A	N/A	N/A
32	GPS(LNAV)	660-1	GPS(LPV)	450-1*
7	ILS	441-3/4	SAME	SAME
	GPS(LPV)	441-3/4	SAME	SAME
	VOR	1240-1&1/4	SAME	SAME
25	GPS(LPV)	496-1	SAME	SAME
	VOR	640-1	SAME	SAME

* Actual Mins to be determined during future LPV IFP development

REV. NO.	DATE	DESCRIPTION	BY

AIP NO.: 3-23-0003-027-2013
PROJ. NO.: 060233
DRAWN: -JLC
DESIGN: -MTO
CHECKED: -ERM
DATE: OCTOBER 2015
SHEET 10 OF 12

DO NOT SCALE DRAWING

SHEET TITLE
AIRPORT DATA SHEET

Sanford Seacoast Regional Airport

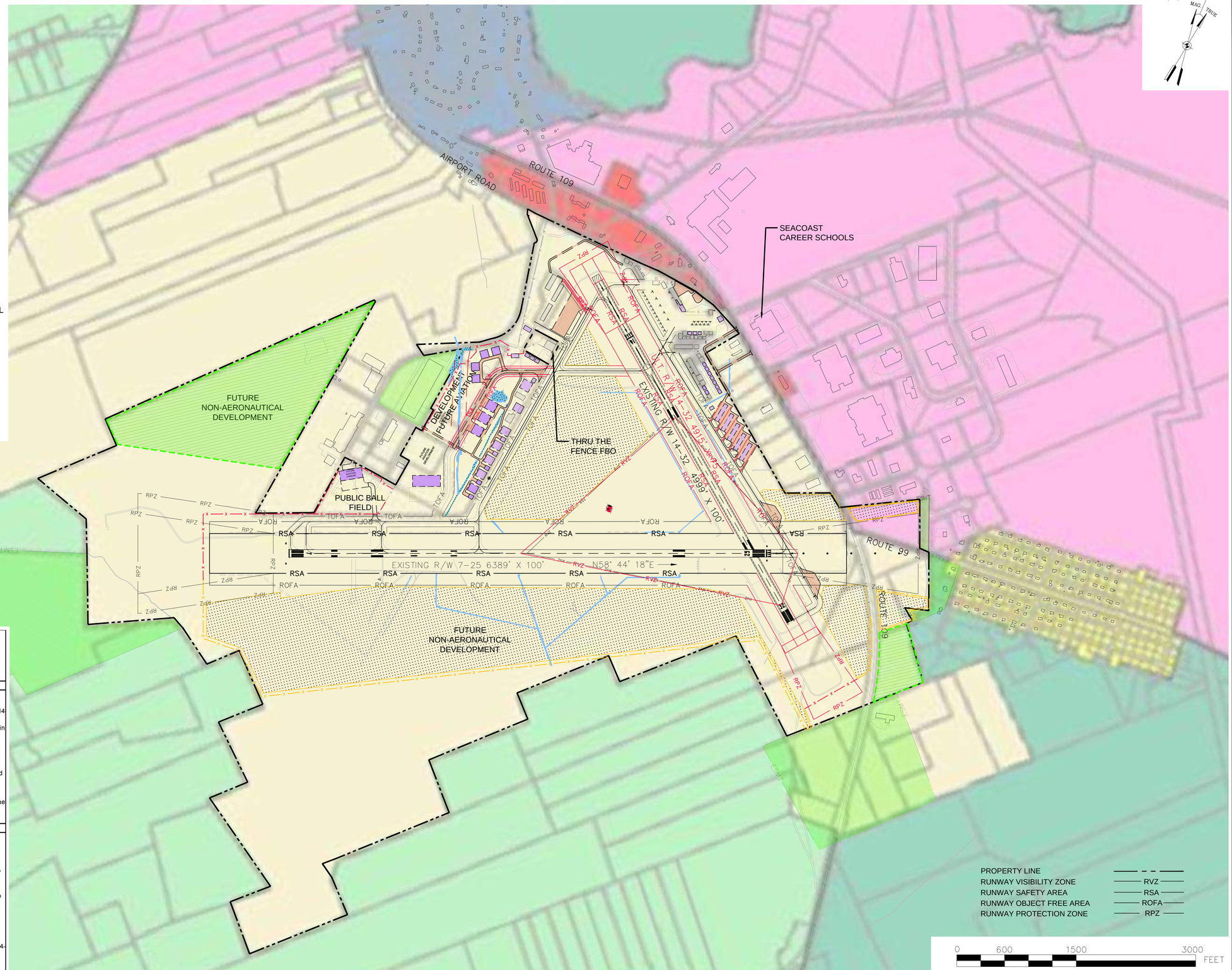
Hoyle, Tanner & Associates, Inc.
150 Dow Street Manchester, NH 03101
tel: (603) 669-5555
fax: (603) 669-5168
www.hoyletanner.com

Drawing name: H:\060233\dwg\Contract\A.3 Airport Data Sheet.dwg Sep 22, 2015 – 2:18pm

LEGEND

- SINGLE FAMILY RESIDENTIAL
- INDUSTRIAL REUSE
- RURAL RESIDENTIAL
- RURAL MIXED USE
- RESIDENTIAL DEVELOPMENT
- AIRPORT DEVELOPMENT
- INDUSTRIAL BUSINESS
- URBAN
- SOLAR FARM / NON-AERONAUTICAL DEVELOPMENT
- EASEMENT EXISTING
- FUTURE NON-AERONAUTICAL DEVELOPMENT EASEMENT
- LAND RELEASE

NOTE:
AIRPORT BOUNDARY IS GRAPHICAL.



The City of Sanford has established Airport Clear Zones and Airport Protection Overlay Zones for airport obstruction protection in the City Code sections 280-55 & 280-56. In addition, Chapter 280-53 of the Zoning Ordinance clearly defines the compatible land uses within the Airport Development Zone by North American Industry Classification System (NAICS).

§ 280-55 Airport Clear Zone

A. Clear zone defined. The Airport Clear Zone consists of those areas identified as clear zones or the inner approach surfaces of Runway 7-25 or 14-32 as depicted in the Airport Master Plan.

B. Clear zone standards. The following additional standards shall apply within the Airport Clear Zone:

(1) Objects shall be considered obstructions to air navigation and their construction or use shall be prohibited if they extend into any aviation easement within the Airport Clear Zone. The Code Enforcement Officer may waive this restriction upon receipt of written approval from the MaineDOT and the Federal Aviation Administration (FAA). Forms for requesting an exemption may be obtained from the Code Enforcement Office.

(2) No structure or tree shall be erected, altered, or allowed to grow above the airport referenced imaginary surface, unless found not objectionable by the MaineDOT or FAA.

§ 280-56 Airport Protection Overlay Zone.

A. The Airport Protection Overlay Zone consists of the area lying within the limit of the conical surface as shown on Drawing Number 5 of the Sanford Municipal Airport Master Plan Update (December 1987).

B. Overlay zone standards. The following additional standards shall apply to uses located within the Airport Protection Overlay Zone. All uses allowed in the underlying zones shall be allowed subject to the following:

(1) No use shall be permitted which creates electrical interference with radio aids or communications, or results in glare in the eyes of pilots using the airport, or impairs visibility in the vicinity of the airport by the creation and discharge of smoke, steam, dust, or other obstructions to visibility, or endangers the landing, taking off, or maneuvering of aircraft.

(2) (Reserved)[1]

[1] Editor's Note: Former Subsection B(2), regarding lot size, was repealed 4-3-2012.

(3) Construction standards which result in an outdoor-indoor noise level reduction of at least 25 decibels shall be encouraged.

Drawing name: H:\060233\dwg\Contract\A-9 Land Use Drawing.dwg Sep 22, 2015 - 2:19pm

REV. NO.	DATE	DESCRIPTION	BY

AIP NO.: 3-23-0003-027-2013
PROJ. NO.: 060233
DRAWN: -JLC
DESIGN: -MTO
CHECKED: -ERM
DATE: OCTOBER 2015

SHEET 11 OF 12

DO NOT SCALE DRAWING

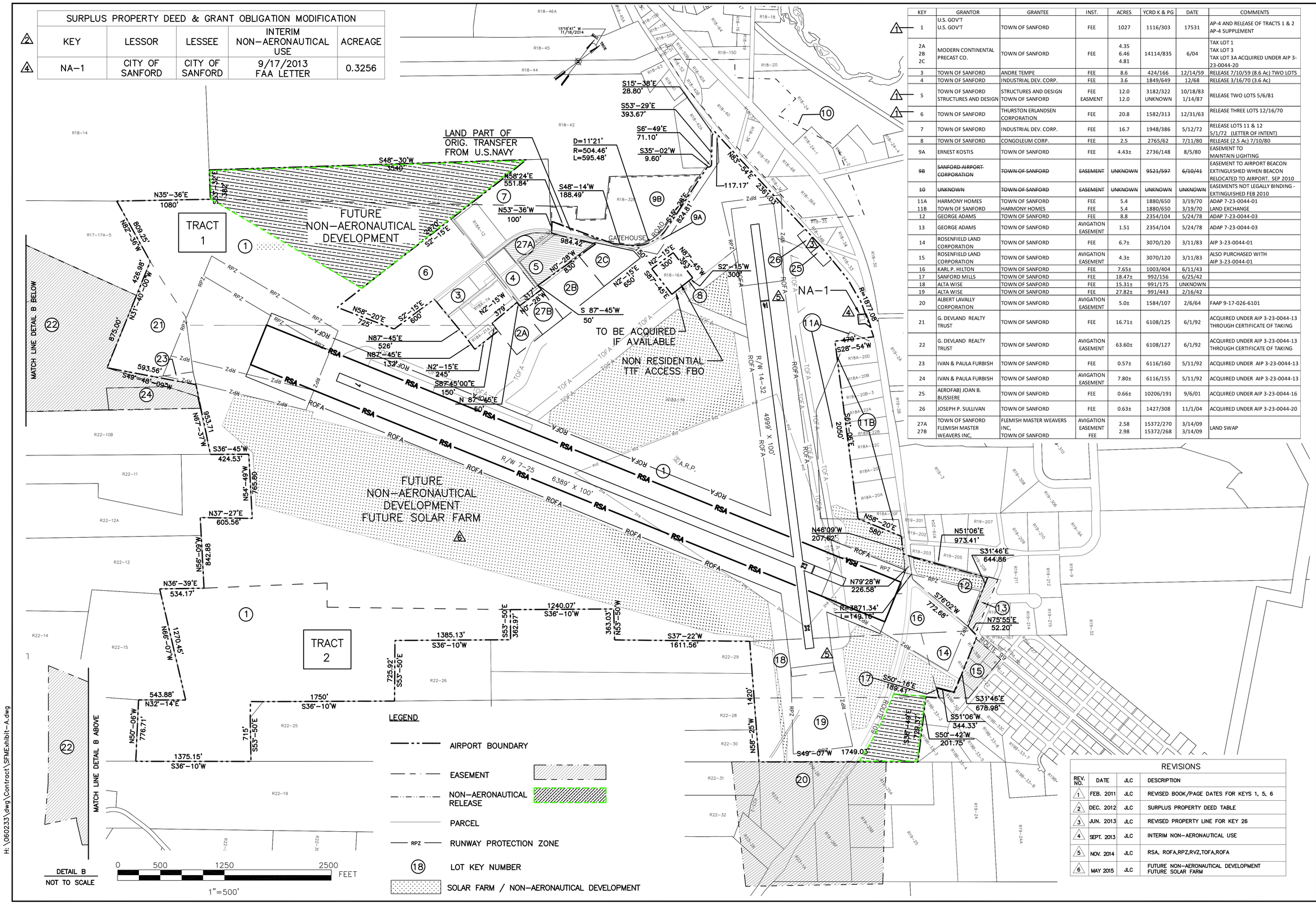
SHEET TITLE

LAND USE DRAWING

Sanford Seacoast Regional Airport

Hoyle, Tanner & Associates, Inc.
150 Dow Street Manchester, NH 03101
tel: (603) 669-5555
fax: (603) 669-5168
www.hoyletanner.com

SURPLUS PROPERTY DEED & GRANT OBLIGATION MODIFICATION				
2	KEY	LESSOR	LESSEE	INTERIM NON–AERONAUTICAL USE	ACREAGE
4	NA–1	CITY OF SANFORD	CITY OF SANFORD	9/17/2013 FAA LETTER	0.3256



KEY	GRANTOR	GRANTEE	INST.	ACRES	YCRD K & PG	DATE	COMMENTS
1	U.S. GOV'T U.S. GOV'T	TOWN OF SANFORD	FEE	1027	1116/303	17531	AP-4 AND RELEASE OF TRACTS 1 & 2 AP-4 SUPPLEMENT
2A 2B 2C	MODERN CONTINENTAL PRECAST CO.	TOWN OF SANFORD	FEE	4.35 6.46 4.81	14114/835	6/04	TAX LOT 1 TAX LOT 3 TAX LOT 3A ACQUIRED UNDER AIP 3-23-0044-20
3	TOWN OF SANFORD	ANDRE TEMPE	FEE	8.6	424/166	12/14/59	RELEASE 7/10/59 (8.6 Ac) TWO LOTS
4	TOWN OF SANFORD	INDUSTRIAL DEV. CORP.	FEE	3.6	1849/649	12/68	RELEASE 3/16/70 (3.6 Ac)
5	TOWN OF SANFORD STRUCTURES AND DESIGN	STRUCTURES AND DESIGN TOWN OF SANFORD	FEE EASMENT	12.0 12.0	3182/322 UNKNOWN	10/18/83 1/14/87	RELEASE TWO LOTS 5/6/81
6	TOWN OF SANFORD	THURSTON ERLANDSEN CORPORATION	FEE	20.8	1582/313	12/31/63	RELEASE THREE LOTS 12/16/70
7	TOWN OF SANFORD	INDUSTRIAL DEV. CORP.	FEE	16.7	1948/386	5/12/72	RELEASE LOTS 11 & 12 5/1/72 (LETTER OF INTENT)
8	TOWN OF SANFORD	CONGOLEUM CORP.	FEE	2.5	2765/62	7/11/80	RELEASE (2.5 Ac) 7/10/80
9A	ERNEST KOSTIS	TOWN OF SANFORD	FEE	4.43±	2736/148	8/5/80	EASEMENT TO MAINTAIN LIGHTING
~~9B~~	~~SANFORD AIRPORT CORPORATION~~	~~TOWN OF SANFORD~~	~~EASEMENT~~	~~UNKNOWN~~	~~9521/597~~	~~6/10/41~~	EASEMENT TO AIRPORT BEACON EXTINGUISHED WHEN BEACON RELOCATED TO AIRPORT, SEP 2010
~~10~~	~~UNKNOWN~~	~~TOWN OF SANFORD~~	~~EASEMENT~~	~~UNKNOWN~~	~~UNKNOWN~~	~~UNKNOWN~~	EASEMENTS NOT LEGALLY BINDING - EXTINGUISHED FEB 2010
11A 11B	HARMONY HOMES TOWN OF SANFORD	TOWN OF SANFORD HARMONY HOMES	FEE FEE	5.4 5.4	1880/650 1880/650	3/19/70 3/19/70	ADAP 7-23-0044-01 LAND EXCHANGE
12	GEORGE ADAMS	TOWN OF SANFORD	FEE	8.8	2354/104	5/24/78	ADAP 7-23-0044-03
13	GEORGE ADAMS	TOWN OF SANFORD	AVIGATION EASEMENT	1.51	2354/104	5/24/78	ADAP 7-23-0044-03
14	ROSENFIELD LAND CORPORATION	TOWN OF SANFORD	FEE	6.7±	3070/120	3/11/83	AIP 3-23-0044-01
15	ROSENFIELD LAND CORPORATION	TOWN OF SANFORD	AVIGATION EASEMENT	4.3±	3070/120	3/11/83	ALSO PURCHASED WITH AIP 3-23-0044-01
16	KARL P. HILTON	TOWN OF SANFORD	FEE	7.65±	1003/404	6/11/43	
17	SANFORD MILLS	TOWN OF SANFORD	FEE	18.47±	992/156	6/25/42	
18	ALTA WISE	TOWN OF SANFORD	FEE	15.31±	991/175	UNKNOWN	
19	ALTA WISE	TOWN OF SANFORD	FEE	27.82±	991/443	2/16/42	
20	ALBERT LAVALLY CORPORATION	TOWN OF SANFORD	AVIGATION EASEMENT	5.0±	1584/107	2/6/64	FAAP 9-17-026-6101
21	G. DEVLAND REALTY TRUST	TOWN OF SANFORD	FEE	16.71±	6108/125	6/1/92	ACQUIRED UNDER AIP 3-23-0044-13 THROUGH CERTIFICATE OF TAKING
22	G. DEVLAND REALTY TRUST	TOWN OF SANFORD	AVIGATION EASEMENT	63.60±	6108/127	6/1/92	ACQUIRED UNDER AIP 3-23-0044-13 THROUGH CERTIFICATE OF TAKING
23	IVAN & PAULA FURBISH	TOWN OF SANFORD	FEE	0.57±	6116/160	5/11/92	ACQUIRED UNDER AIP 3-23-0044-13
24	IVAN & PAULA FURBISH	TOWN OF SANFORD	AVIGATION EASEMENT	7.80±	6116/155	5/11/92	ACQUIRED UNDER AIP 3-23-0044-13
25	AEROFABJ JOAN B. BUSSIERE	TOWN OF SANFORD	FEE	0.66±	10206/191	9/6/01	ACQUIRED UNDER AIP 3-23-0044-16
26	JOSEPH P. SULLIVAN	TOWN OF SANFORD	FEE	0.63±	1427/308	11/1/04	ACQUIRED UNDER AIP 3-23-0044-20
27A 27B	TOWN OF SANFORD FLEMISH MASTER WEAVERS INC,	FLEMISH MASTER WEAVERS INC, TOWN OF SANFORD	AVIGATION EASEMENT FEE	2.58 2.98	15372/270 15372/268	3/14/09 3/14/09	LAND SWAP

REVISIONS			
REV. NO.	DATE	JLC	DESCRIPTION
1	FEB. 2011	JLC	REVISED BOOK/PAGE DATES FOR KEYS 1, 5, 6
2	DEC. 2012	JLC	SURPLUS PROPERTY DEED TABLE
3	JUN. 2013	JLC	REVISED PROPERTY LINE FOR KEY 26
4	SEPT. 2013	JLC	INTERIM NON–AERONAUTICAL USE
5	NOV. 2014	JLC	RSA, ROFA,RPZ,RVZ,TOFA,ROFA
6	MAY 2015	JLC	FUTURE NON–AERONAUTICAL DEVELOPMENT FUTURE SOLAR FARM

REVISIONS

REV. NO.	DATE	BY	DESCRIPTION

STATE PROJECT NO.

FEDERAL PROJECT NO.

Hoyle, Tanner & Associates, Inc.
150 Dow Street
Manchester, NH 03101–1227
Tel 603–669–5555
Fax 603–669–4168
Web Page: www.hoyletanner.com
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DES. BY	DR. BY	CHKD. BY
ERM	JLC	ERM

SCALE: AS SHOWN DATE: MAY 2015

SANFORD REGIONAL AIRPORT

EXHIBIT "A"

HTA PROJ. No.: 0602Gen

FILE: SFMExhibit–A.DWG

DRAWING NO.

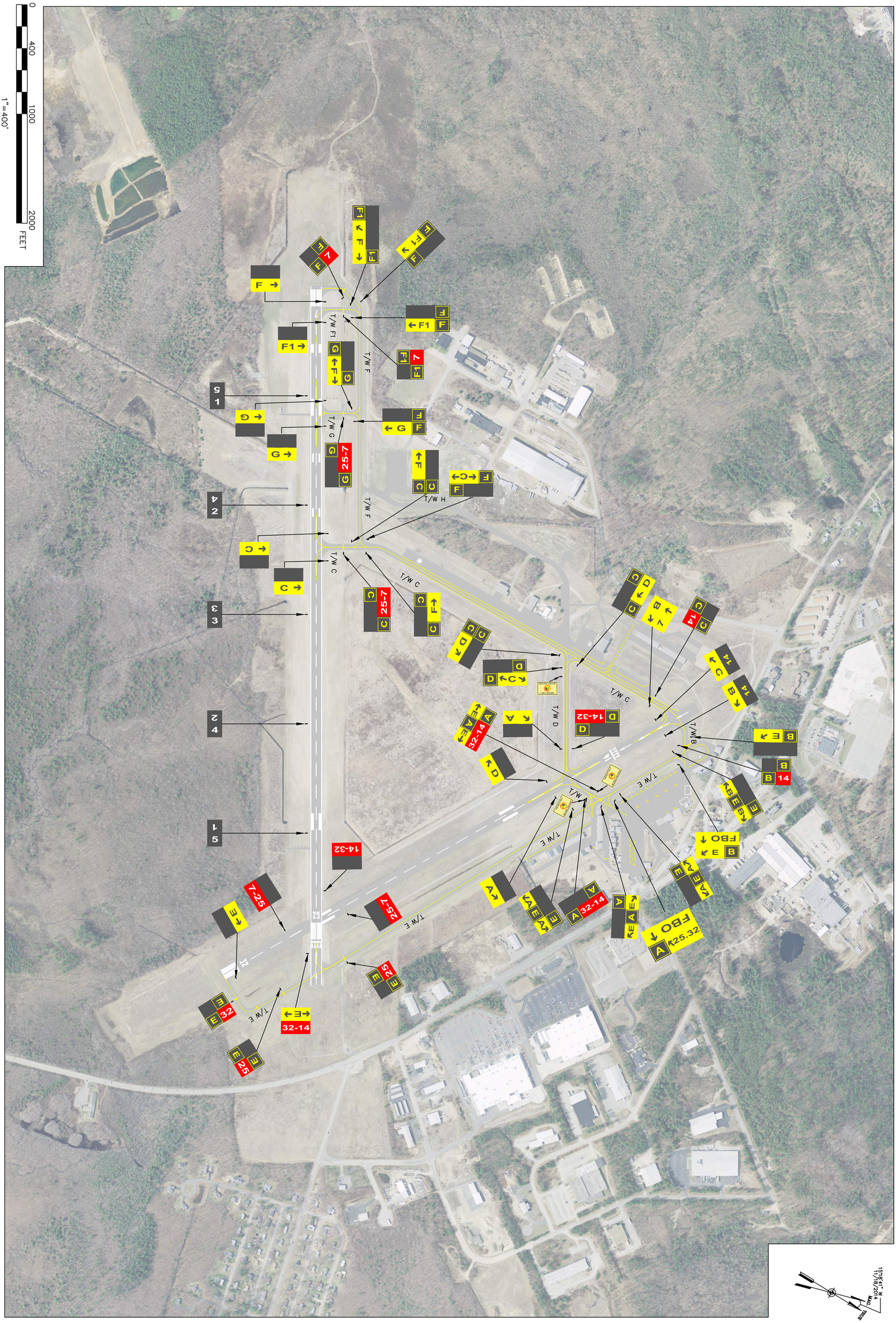
1

SHEET 1 OF 1

REV

H:\060233\dwg\Contract\SFMExhibit–A.dwg

Drawing name: H:\060233\dwg\Contract\00-SIGN-PLAN.dwg Sep 22, 2015 - 3:48pm



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Sanford Seacoast Regional Airport

SIGN PLAN

REV. NO.	DATE	DESCRIPTION	BY

DO NOT SCALE DRAWING

AIP NO.: 3-23-0003-027-2013
PROJ. NO.: 060233
DRAWN: -JLC
DESIGN: -ERM
CHECKED: -HMD
DATE: MAY 2015

SHEET 1 OF 1