AIRPORT LAYOUT PLAN
SCALE: 1" = 400'

PROJECT: AIRPORT LAYOUT PLAN AIP NO. 3-33-0012-25-2004

OWNER: BOIRE FIELD NASHUA MUNICIPAL AIRPORT NASHUA, NEW HAMPSHIRE
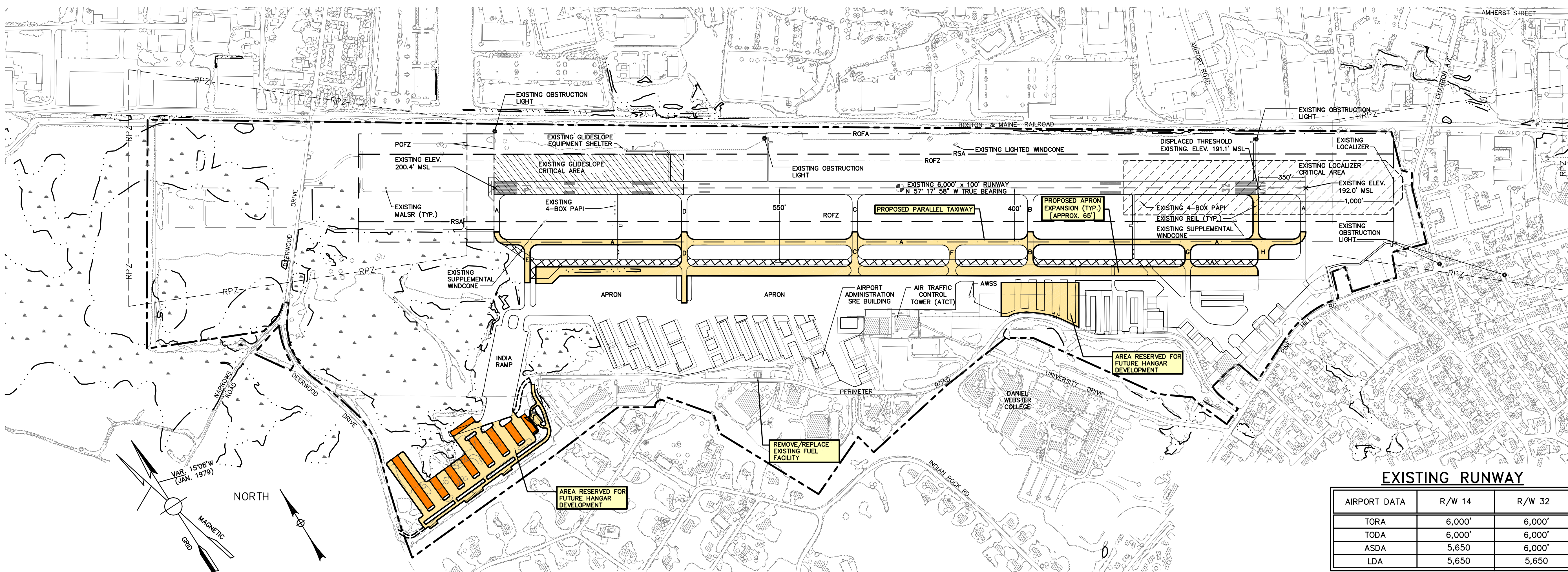
EXISTING RUNWAY
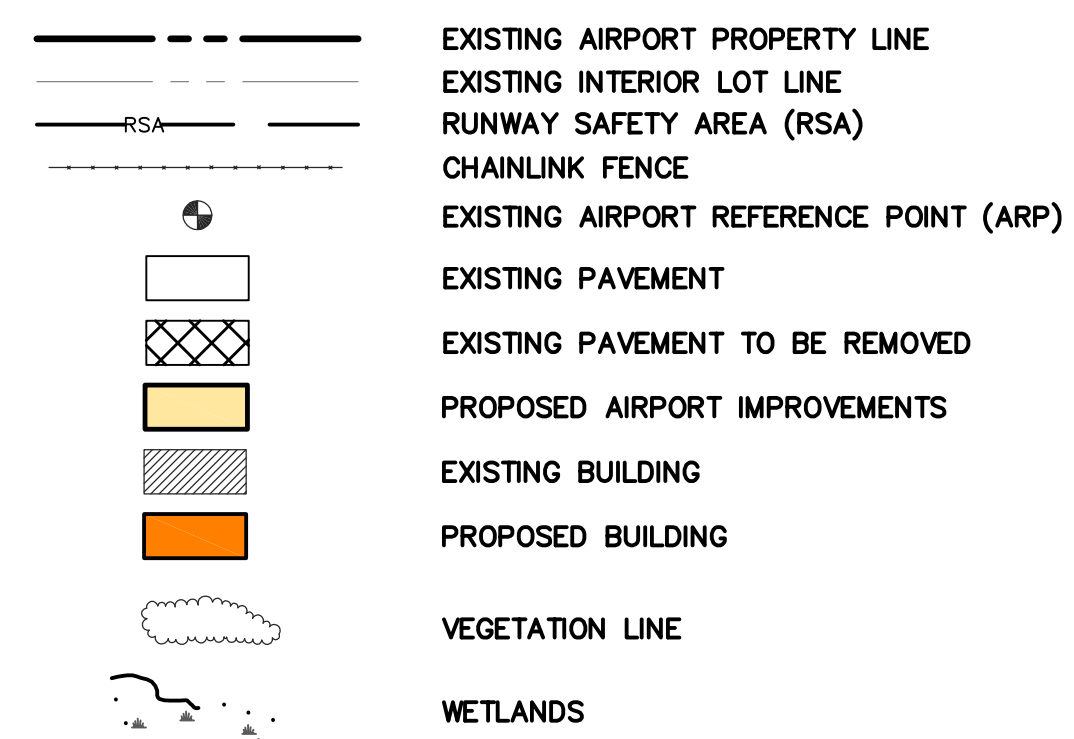
AIRPORT DATA	R/W 14	R/W 32
TORA	6,000'	6,000'
TODA	6,000'	6,000'
ASDA	5,650'	6,000'
LDA	5,650'	5,650'

RUNWAY DATA TABLE

RUNWAY DATA	EXISTING RUNWAY 14-32	PROPOSED RUNWAY 14-32
AIRPORT REFERENCE CODE	D-II	D-II
DESIGN AIRCRAFT	GULFSTREAM IV	GULFSTREAM IV
% WIND COVERAGE	92.3% (ALL WEATHER) 93.8% (IFR)	92.3% (ALL WEATHER) 93.8% (IFR)
RUNWAY TYPE & CONDITION	BIT. CONC. GOOD	BIT. CONC. GOOD
PAVEMENT STRENGTH	65,000 LBS (DW)	65,000 LBS (DW)
RUNWAY LENGTH	6,000'	6,000'
RUNWAY WIDTH	100'	100'
EFFECTIVE RUNWAY GRADIENT	0.20%	0.20%
RUNWAY MARKINGS	PRECISION	PRECISION
RUNWAY LIGHTING	HIRLS	HIRLS
RUNWAY / APPROACH TYPE	PRECISION (14) NON-PRECISION (32)	PRECISION (14) APV (>3/4 MILE) (32)
APPROACH SLOPE	50:1 (14) / 34:1 (32)	50:1 (14) / 34:1 (32)
APPROACH AIDS	WINDCONE SUPPLEMENTAL WINDCONE (14&32) PAPI, MALSR (14) PAPI, REILs (32)	WINDCONE SUPPLEMENTAL WINDCONE (14&32) PAPI, MALSR (14) PAPI, REILs (32)
NAVIGATIONAL AIDS	NDB, GPS, VOR, ILS (14) VOR, GPS, (32)	NDB, GPS, VOR, ILS (14) VOR, GPS, APV (32)
ROFA WIDTH	800 FEET	800 FEET
ROFA LENGTH BEYOND END OF RUNWAY	1,000 FEET	1,000 FEET
ROFZ WIDTH	400 FEET	400 FEET
ROFZ LENGTH BEYOND END OF RUNWAY	200 FEET	200 FEET
RSA WIDTH	500 FEET	500 FEET
RSA LENGTH BEYOND END OF RUNWAY	1,000 FEET	1,000 FEET
RUNWAY 14 END COORDINATES, ELEVATION	LAT: 42° 47' 13" N LON: 71° 31' 25" W 200.4' MSL	LAT: 42° 47' 13" N LON: 71° 31' 25" W 200.4' MSL
RUNWAY 32 END COORDINATES, ELEVATION	LAT: 42° 46' 41" N LON: 71° 30' 17" W 192.0' MSL	LAT: 42° 46' 41" N LON: 71° 30' 17" W 192.0' MSL
RUNWAY 32 DISPLACED THRESHOLD COORDINATES, ELEVATION	LAT: 42° 46' 43" N LON: 71° 30' 21" W 191.1' MSL	LAT: 42° 46' 43" N LON: 71° 30' 21" W 191.1' MSL

AIRPORT DATA

	EXISTING RUNWAY 14-32	PROPOSED RUNWAY 14-32
AIRPORT ELEVATION	200.4' MSL	200.4' MSL
AIRPORT REFERENCE POINT (ARP)	LAT: 42° 46' 57" N LON: 71° 30' 51" W	LAT: 42° 46' 57" N LON: 71° 30' 51" W
MEAN MAX. TEMP OF HOTTEST MONTH	83.6° F	83.6° F
RUNWAY TRUE BEARING	N 57° 17' 58" W	N 57° 17' 58" W
TAXIWAY WIDTH	40' PARALLEL	40' PARALLEL
TAXIWAY LIGHTING	MITLS	MITLS

LEGEND

- EXISTING AIRPORT PROPERTY LINE
- EXISTING INTERIOR LOT LINE
- RUNWAY SAFETY AREA (RSA)
- CHAINLINK FENCE
- EXISTING AIRPORT REFERENCE POINT (ARP)
- EXISTING PAVEMENT
- EXISTING PAVEMENT TO BE REMOVED
- PROPOSED AIRPORT IMPROVEMENTS
- EXISTING BUILDING
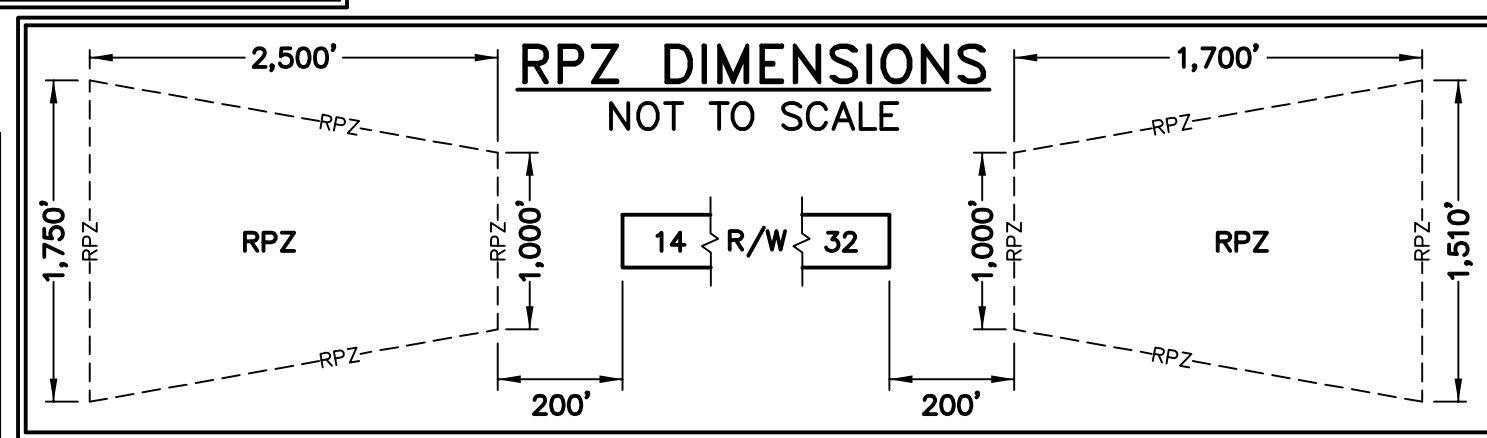- PROPOSED BUILDING
- VEGETATION LINE
- WETLANDS

NOTES:

1. EXISTING TOPOGRAPHIC SURVEY COMPILED BY AERIAL MAPPING BY COL-EAST, INC., NORTH ADAMS, MA. COMPILATION DATE: DECEMBER 16, 2004

2. ALP UPDATE AFTER RUNWAY 14-32 CONSTRUCTION PROJECT (NHDOT NOS. SBG-12-08-2011 & SBG-12-09-2012)

RPZ DIMENSIONS
NOT TO SCALE

2,500'   1,700'
1,750'   1,000'   14 R/W 32   1,000'   1,510'
RPZ   RPZ
200'   200'

AIRPORT FACILITIES

LOT / BUILDING ID	OWNER	DESCRIPTION
E-60	CITY OF NASHUA	MAIN AIRPORT
E-193	NASHUA AIRPORT AUTHORITY	LOCALIZER POWER SUPPLY
E-1439	KAY POTFORA, TRUSTEE	HANGAR
E-1440	NASHUA AIRPORT AUTHORITY	VACANT
E-1441	NASHUA AIRPORT AUTHORITY	HANGAR
E-1442	TAMPOSI, JAMES N REV TRUST	HANGAR
E-1443	RESERVE ENTERPRISES INC	HANGAR
E-1444	CARL R HIGGINSON, TRUSTEE	COMM. BUILDING
E-1445	NASHUA AIRPORT AUTHORITY	TIEDOWNS
E-1446	NASHUA AIRPORT AUTHORITY	VACANT
E-1447	DANIEL WEBSTER COLLEGE	ATCT/ TERMINAL BUILDING 776370
E-1448	1450 ASSOCIATES, LLC	HANGAR
E-1449	NASHUA AIRPORT AUTHORITY	HANGAR
E-1450	1450 ASSOCIATES, LLC	HANGAR
E-1451	DANIEL WEBSTER COLLEGE	BUILDING
E-1452	MAC AIR BLDG 87	BUILDING
E-1453	MAC AIR BLDG 89	BUILDING
E-1454	H E A REALTY	COMM. BUILDING
E-1455	1450 ASSOCIATES, LLC	HANGAR
E-1456	STEIN REALTY, LLC	HANGAR
E-1457	PAUL E HOUDE	HANGAR
E-1458	THOMAS A PRATT	HANGAR
E-1459	WESTAR AEROSPACE	HANGAR
E-1463	STEIN REALTY, LLC	HANGAR
E-1464	DIAMOND-M INVESTMENTS	HANGAR
E-1465	GFW AEROSERVICES	HANGAR
E-1466	AVIATION REALTY LLC	COMM. BUILDING

LOT / BUILDING ID	OWNER	DESCRIPTION
E-1467	CITY OF NASHUA	PARKING AREA TO BENEFIT BUD WAY
E-1469	CITY OF NASHUA	VACANT
E-1483	1483 ASSOCIATES LLC	HANGAR
E-1485	GFW AEROSERVICES	HANGAR
E-1484	CITY OF NASHUA	VACANT
E-1490	9 PERIMETER, LLC	HANGAR
E-1491	RAYMOND W ENNIS, SR REV TRUST	COMM. BUILDING
E-1499	110 PERIMETER RD INC	COMM. BUILDING
E-1500	SAT SR LTD PARTNERSHIP	COMM. BUILDING
E-1503	KEYSON ENTERPRISES, INC	HANGAR
E-1504	MAC AIR BLDG 113	HANGAR
E-1505	MAC AIR	HANGAR
E-1506	KEYSON AIRWAYS	HANGAR
E-1507	CITY OF NASHUA	HANGAR
E-1508	STEVEN W SEUFERT	HANGAR
E-1509	PERIMETER PLACE TRUST	COMM. BUILDING
E-1510	PERIMETER-DAY, LLC	COMM. BUILDING
E-1544	BERKSHIRE AVIATION, LLC	HANGAR
E-1545	CITY OF NASHUA	COMM. BUILDING
E-2133	GEORER GEORGES, TRUSTEE	HANGAR
E-2134	CITY OF NASHUA	HANGAR
E-2138	OIA REAL ESTATE LLC	HANGAR
E-2139	CITY OF NASHUA	HANGAR
E-2140	CITY OF NASHUA	HANGAR
E-2157	CITY OF NASHUA	HANGAR
E-2158	CITY OF NASHUA	HANGAR
E-2221	GENTILE	HANGAR

NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION

APPROVED: _____
DIRECTOR, DIVISION OF AERONAUTICS, RAIL, AND TRANSIT

DATE: _____

NASHUA AIRPORT AUTHORITY

APPROVED: _____
CHAIRMAN, NASHUA AIRPORT AUTHORITY

DATE: _____

NO.	DATE	DESCRIPTION	BY
2	2/13/13	REV. EXIST. R/W	DCQ
1	9/9/09	REV. PROP R/W	JAT

PROJECT NO.	776370
CADD FILE	370-SHEETS-2013
DESIGNED BY	AJD/JAT
DRAWN BY	JAT
CHECKED BY	AJD
DATE	JULY 2009
DRAWING SCALE	AS SHOWN

GRAPHIC SCALE
0 200 400 800
SCALE: 1" = 400'

SHEET TITLE

AIRPORT LAYOUT PLAN

DRAWING NO.

SHEET 3

3 OF 7

Drawing labels on plan: AMHERST STREET, EXISTING OBSTRUCTION LIGHT, BOSTON & MAINE RAILROAD, ROFA, RSA EXISTING LIGHTED WINDCONE, ROFZ, DISPLACED THRESHOLD EXISTING. ELEV. 191.1' MSL, EXISTING LOCALIZER, EXISTING LOCALIZER CRITICAL AREA, EXISTING LOCALIZER ELEV. 192.0' MSL, EXISTING GLIDESLOPE EQUIPMENT SHELTER, EXISTING GLIDESLOPE CRITICAL AREA, EXISTING ELEV. 200.4' MSL, EXISTING OBSTRUCTION LIGHT, EXISTING 4-BOX PAPI, EXISTING MALSR (TYP.), EXISTING SUPPLEMENTAL WINDCONE, EXISTING 6,000' x 100' RUNWAY N 57° 17' 58" W TRUE BEARING, 550', ROFZ, PROPOSED PARALLEL TAXIWAY, 400', PROPOSED APRON EXPANSION (TYP.) [APPROX. 65'], EXISTING 4-BOX PAPI, EXISTING REIL (TYP.), EXISTING SUPPLEMENTAL WINDCONE, EXISTING OBSTRUCTION LIGHT, APRON, AIRPORT ADMINISTRATION SRE BUILDING, AIR TRAFFIC CONTROL TOWER (ATCT), AWSS, INDIA RAMP, DANIEL WEBSTER COLLEGE, AREA RESERVED FOR FUTURE HANGAR DEVELOPMENT, REMOVE/REPLACE EXISTING FUEL FACILITY, PERIMETER ROAD, UNIVERSITY DRIVE, INDIAN ROCK RD, NORTH, VAR. 15°08'W (JAN. 1979), MAGNETIC, GRID, DEERWOOD DRIVE, NASHING ROAD, RPZ, CHARRON AVE.