

WIND ROSE
ALL WEATHER 0.0
(LOW VISIBILITY) 0.0

SOURCE: U.S. DEPT. OF COMMERCE NATIONAL OCEANOIC AND ATMOSPHERIC ADMINISTRATION JOG NO. 54776
PERIOD: 1972 - 1976 ALL WEATHER
15 MPH (13 KNOTS) CROSSWIND COVERAGE ALL R/W'S 98.4% (98.5)
12 MPH (10.4 KNOTS) CROSSWIND COVERAGE ALL R/W'S 97.1% (97.5)
% OF V.F.R. WEATHER 87.0
% OF I.F.R. WEATHER 13.0

◆ = CALMS 0-1 MPH 0.9% (1.7)

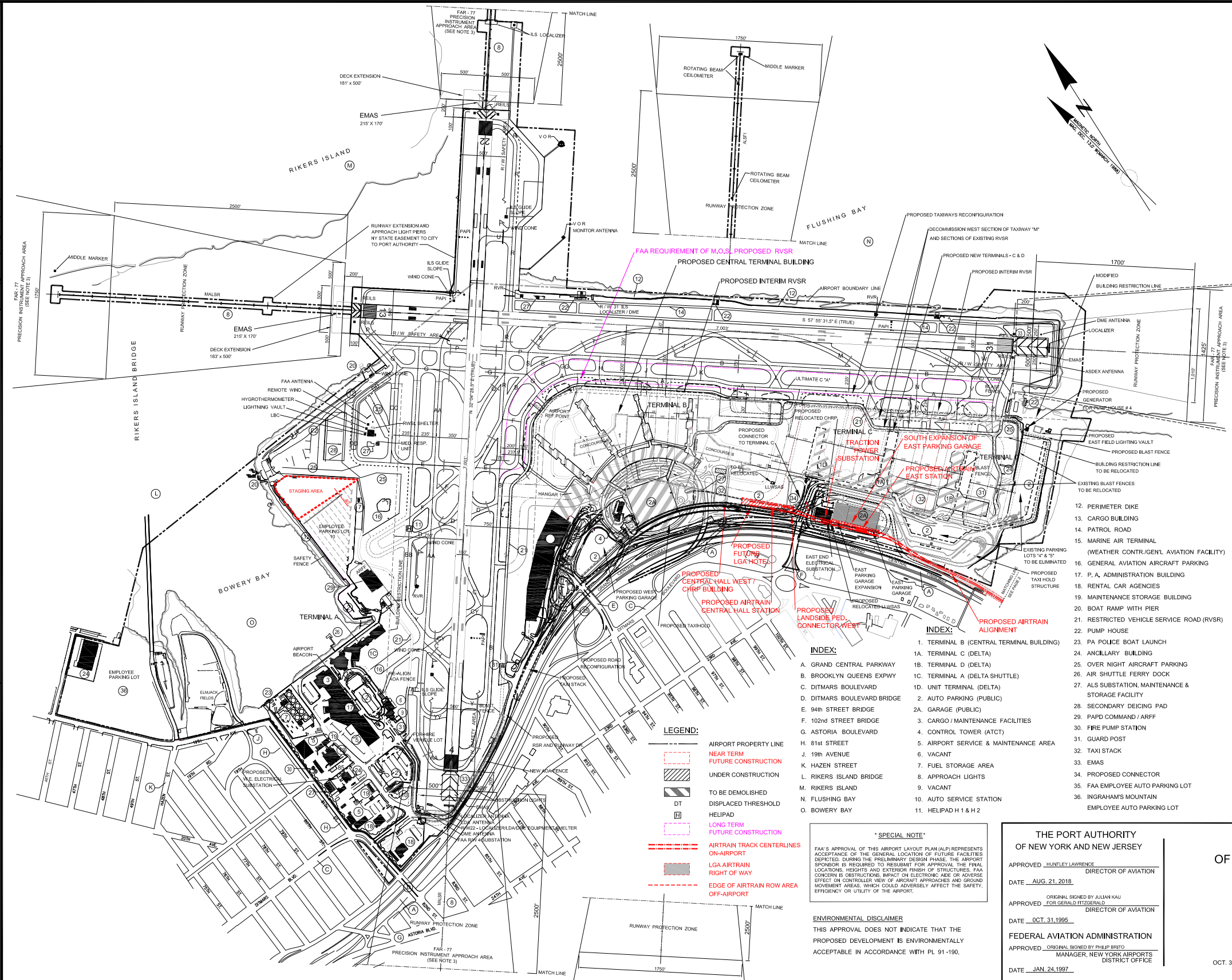
AIRPORT DATA
AIRPORT ELEVATION --21.5'
AIRPORT REFERENCE POINT (A.R.P.) COORDINATE-- LAT. 40 46' 38.075" LONG. 73 52' 21.393"
MEAN MAX. TEMP. OF HOTTEST MONTH--84.1 F
MEAN MIN. TEMP. OF COLDEST MONTH--34.1 F
MEAN ANNUAL PRECIPITATION--42.1 INCHES
MEAN ANNUAL WIND SPEED--13.2 MPH
MEAN ANNUAL WIND DIRECTION--132 DEGREES
MEAN ANNUAL WIND VELOCITY--13.2 MPH
MEAN ANNUAL WIND DIRECTION--132 DEGREES
MEAN ANNUAL WIND VELOCITY--13.2 MPH

R/W INTERSECTIONS 4-22-W/13-31-10.0'

R/W DATA	R/W 4-22	R/W 13-31
EFF. R/W GRADIENT IN %	0.157	0.07
% WIND COVERAGE	86.1	91.5
INSTRUMENT R/W	YES	YES
APPROACH SLOPES	50:1	50:1 (13)
LIGHTING	STRONG HIGH INTENSITY LIGHTS EDGE TOX-22	EDGE TOX-13
MARKING	PRECISION INSTRUMENT	
PAVEMENT STRENGTH	80,000 # S 170,000 # D 300,000 # DT	
NAVIGATIONAL AIDS	ILS BOTH ENDS 13-LS, MALSR, 22-LS, 22-LS, 22-LS, 22-LS, PAR & RELS 31-LS, 31-LS, 31-LS, 4-MALSR, PAR	

• S - SINGLE WHEEL D - DUAL WHEEL DT - DUAL TANDUM (AIRBUS TYPE ONLY)
•• ADDITIONAL AIDS: TOWER, FSS, WEATHER, UNICOM, ASR, DF, RVR
VOR/DME (T/W LIGHTING - CENTERLINE AND/OR EDGE),
LOW LEVEL WIND SHEAR ALERT SYSTEM

NOTE:
1 ALL ELEVATIONS ARE SHOWN IN FEET ABOVE MEAN SEA LEVEL AT SANDY HOOK, N.J.
AS ESTABLISHED BY THE U.S. COAST & GEODETIC SURVEY
2 P.A.N.Y. & N.J. DATUM L.G.A. - ELEV. 0.00' IS EQUAL TO 2.10' BELOW MEAN SEA
LEVEL AT SANDY HOOK.
3 FOR APPROACH CONDITIONS SEE L.G.A.-7401 & L.G.A.-7401-A
4 GROOVED: R/W 4-22, R/W 13-31



LEGEND:

- AIRPORT PROPERTY LINE
- NEAR TERM FUTURE CONSTRUCTION
- UNDER CONSTRUCTION
- TO BE DEMOLISHED
- DISPLACED THRESHOLD
- HELIPAD
- LONG TERM FUTURE CONSTRUCTION
- AIRTRAIN TRACK CENTERLINES ON-AIRPORT
- LGA AIRTRAIN RIGHT OF WAY
- EDGE OF AIRTRAIN ROW AREA OFF-AIRPORT

*** SPECIAL NOTE ***

FAA'S APPROVAL OF THIS AIRPORT LAYOUT PLAN (ALP) REPRESENTS ACCEPTANCE OF THE GENERAL LOCATION OF FUTURE FACILITIES DEPICTED DURING THE PRELIMINARY DESIGN PHASE. THE AIRPORT SPONSOR IS REQUIRED TO RESUBMIT FOR APPROVAL THE FINAL LOCATIONS, HEIGHTS AND EXTERIOR FINISH OF STRUCTURES. FAA CONSIDERS OBSTRUCTIONS IMPACT ON ELECTRONIC AIDS OR ADVISE EFFECT ON CONTROLLER VIEW OF AIRCRAFT APPROACHES AND GROUND MOVEMENT AREAS, WHICH COULD ADVERSELY AFFECT THE SAFETY, EFFICIENCY OR UTILITY OF THE AIRPORT.

ENVIRONMENTAL DISCLAIMER

THIS APPROVAL DOES NOT INDICATE THAT THE PROPOSED DEVELOPMENT IS ENVIRONMENTALLY ACCEPTABLE IN ACCORDANCE WITH PL 91-190.

THE PORT AUTHORITY OF NEW YORK AND NEW JERSEY

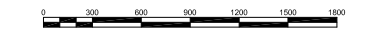
APPROVED HUNTLEY LAWRENCE DIRECTOR OF AVIATION
DATE AUG. 21, 2018

ORIGINAL SIGNED BY JULIAN KAU
APPROVED FOX GERALD FITZGERALD DIRECTOR OF AVIATION
DATE OCT. 31, 1995

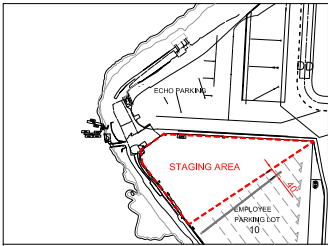
FEDERAL AVIATION ADMINISTRATION
APPROVED ORIGINAL SIGNED BY PHILIP BRITO
MANAGER, NEW YORK AIRPORTS DISTRICT OFFICE
DATE JAN. 24, 1997

THE PORT AUTHORITY OF NEW YORK AND NEW JERSEY

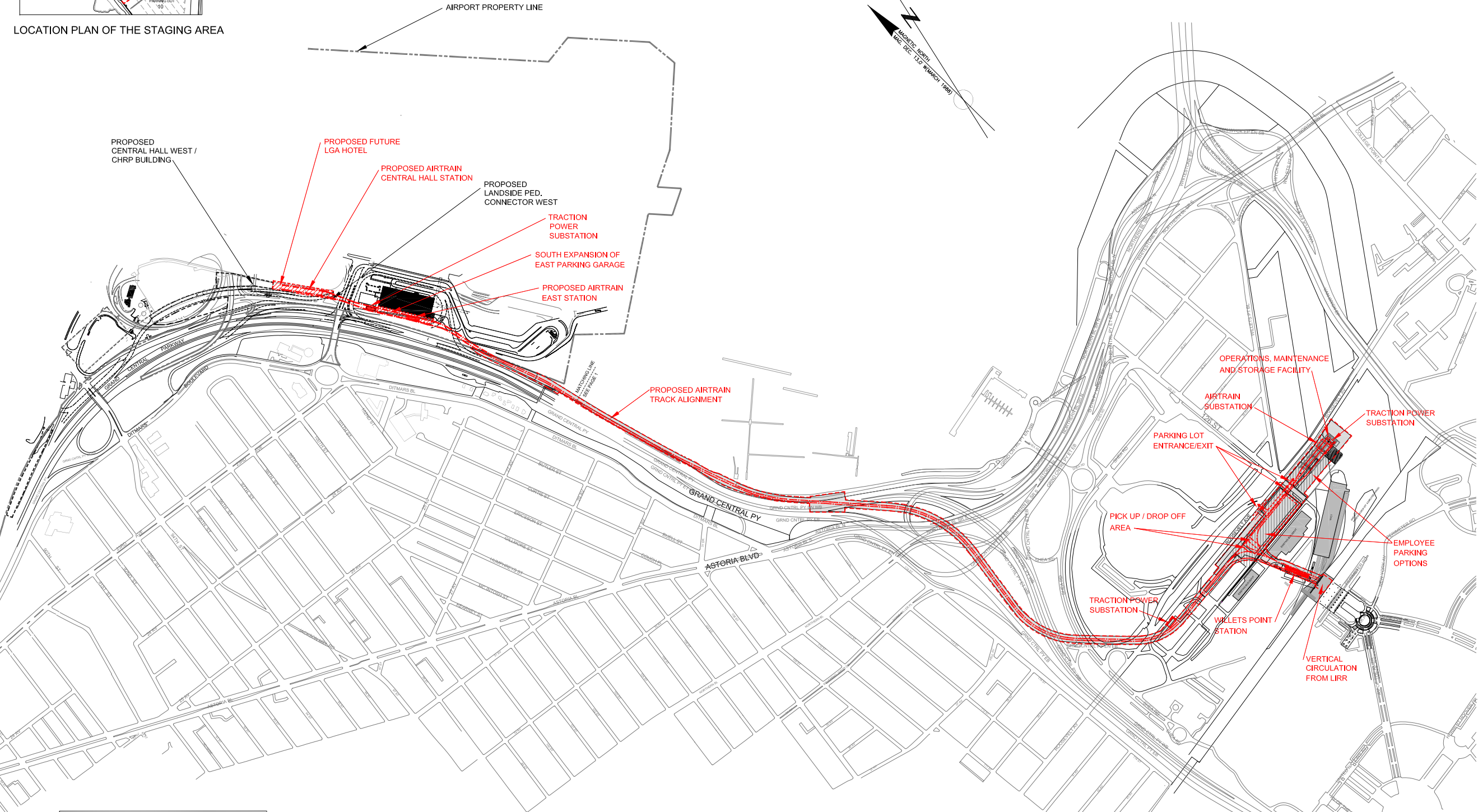
AVIATION DEPARTMENT
AVIATION PLANNING DIVISION
**LA GUARDIA AIRPORT
AIRPORT LAYOUT PLAN**



T. FELIX	18	07-24-18	T.S.M.	PEN & INK CHANGE: PROPOSED AIRTRAIN ALIGNMENT COMPLIANCE: PROPOSED STAGING AREA AT EMPLOYEE PARKING LOT 10.
T. FELIX	18	03-07-18	T.S.M.	PEN & INK CHANGE: PROPOSED CENTRAL HALL WEST / CHRP BUILDING, PROPOSED LANDSIDE PEDESTRIAN CONNECTOR - WEST, PROPOSED NEW LGA HOTEL.
T. FELIX	14	08-16-16	T.S.M.	PEN & INK CHANGE: PROPOSED NEW DELTA AIR LINES TERMINALS - C & D, EAST PARKING GARAGE EXPANSION, FRONT ROAD RECONFIGURATION, PROPOSED RESTRICTED VEHICLE SERVICE ROAD (RVSR), DECOMMISSION SECTIONS OF EXISTING RVSR, DECOMMISSION WEST SECTION OF TAXIWAY "M", DEMOLISH EXISTING TERMINALS "C", "D" AND CONNECTOR, DEMOLISH BLDGS. 99, 98, 80 AND BLAST FENCES, TAXI STACK AND PUBLIC PARKING "1" TO BE ELIMINATED, OVERNIGHT AIRCRAFT HARDBARDS TO BE ELIMINATED, G, P, "2", LIMOUSIN AND PUBLIC PRG. "2" TO BE ELIMINATED, PROPOSED TAXI STACK, PROPOSED NEW BLAST FENCE, PROPOSED T/W RECONFIGURATION PROPOSED W.E. ELECTRICAL SUBSTATION, PROPOSED GENERATOR FOR PUMP HOUSE # 4, PROPOSED TAXI HOLD STRUCTURE.
T. FELIX	13	12-04-15	T.S.M.	PEN & INK CHANGE: PROPOSED NEW CENTRAL TERMINAL BUILDING (CTB), WEST PARKING GARAGE, FRONT ROAD AND CONNECTOR TO TERMINAL C, LWVSAS TO BE RELOCATED, RE-DESIGNATE PARKING LOT "10" TO EMPLOYEE PARKING "10", AUTO PARKING # 7 WILL BE REMAINED - FOR HIRE VEHICLE LOT.
T. FELIX	12	12-17-14	T.S.M.	PEN & INK CHANGE: RW 22 AND RW 13 PROPOSED DECK EXTENSIONS AND ENGINEERED MATERIALS ARRESTING SYSTEMS (EMAS), DEMOLISH CTB AND PARKING GARAGE, PROPOSED NEW CENTRAL TERMINAL BUILDING (CTB), RELOCATED CENTRAL HEATING AND REFRIGERATION PLANT (CHRP), SEE DRAWING LOAD-208 FOR DETAILS PROPOSED EAST END ELECTRICAL SUBSTATION AND EAST PARKING GARAGE, PROPOSED STAGING AREA FOR DECK EXTENSION PROJECT AT PARKING LOT "10" E, PROPOSED RESTRICTED VEHICLE SERVICE ROAD (RVSR) AND RELOCATION OF RUNWAY DRIVE, DEMOLISH HANGARS 1, 2 AND 4, PROPOSED EAST FIELD LIGHTING VAULT INSTALLATION OF THE OBSTRUCTION LIGHTS ON THE FENCE, ON MARINE TERMINAL DRIVE AT RUNWAY 4 END, REALIGN SECURITY FENCE NEAR BUILDING 30.
HUI M. XU	11	06-18-10	T.S.M.	PEN & INK CHANGE: PROPOSED T/W "A", "B" AND "C" MODIFICATIONS.
HUI M. XU	10	03-31-10	T.S.M.	PEN & INK CHANGE: PROPOSED RSR, T/W "D", "F" AND "Y" MODIFICATIONS, PROPOSED CONNECTOR BETWEEN TERMINAL BLDGS. 1A AND 1B, COMPLETED POLICE EMERGENCY GARAGE (JAPF), FIRE PUMP STATION, CORRECTION TO PLANN RUNWAY - 31.
HUI M. XU	9	04-26-05	T.S.M.	PEN & INK CHANGE: INCLUSION OF 102nd STREET BRIDGE AND AIRPORT RAMPS.
Z. DEGUILLA	8	10-28-04	T.S.M.	PEN & INK CHANGE: PERIMETER SECURITY FENCE.
Z. DEGUILLA	7	09-24-02	M.T.L.	PEN & INK CHANGE: EMAS @ RW 22-A & 13-31, PROPOSED POLICE EMERGENCY GARAGE (JAPF), FIRE PUMP STATION, RDWY IMPROVEMENTS WEST OF CTB & EAST END RDWY.
Z. DEGUILLA	6	01-30-02	T.S.M.	CONSTRUCTION DEVT UPDATE, RW 13-31 LIGHTING DATA.
	5	05-09-01	T.S.M.	CONSTRUCTION DEVT UPDATE.
	4	06-15-00	IN	GENERAL REVISIONS
M. GOLEMS	3	04-30-99	D.O.	31 D.T. TO BE REMOVED, RELS TO BE RELOCATED.
M. GOLEMS	2	12-07-98	D.O.	REVISED AS SHOWN
M. GOLEMS	1	04-21-98	D.O.	PROPOSED MULTIFUEL VEHICLE SERVICE.
SIGNED BY:	REV. NO:	DATE:	BY:	NOTES:



LOCATION PLAN OF THE STAGING AREA



T. FELIX	16	07 -24-18	T.S.M.	PEN & INK CHANGE: PROPOSED AIRTRAIN ALIGNMENT COMPLIANCE: LOT 10. PROPOSED AIRTRAIN ALIGNMENT, AIRTRAIN EAST STATION, CENTRAL HALL STATION, WILLETS POINT STATION AND EMPLOYEE PARKING.
T. FELIX	15	03 -07-18	T.S.M.	PEN & INK CHANGE: PROPOSED CENTRAL HALL WEST / CHRP BUILDING. PROPOSED LANDSIDE PEDESTRIAN CONNECTOR - WEST. PROPOSED NEW LGA HOTEL.
T. FELIX	14	08-16-16	T.S.M.	PEN & INK CHANGE: PROPOSED NEW DELTA AIR LINES TERMINALS - C & D, EAST PARKING GARAGE EXPANSION. FRONT ROAD RECONFIGURATION, PROPOSED RESTRICTED VEHICLE SERVICE ROAD (RVSR), DECOMMISSION SECTIONS OF EXISTING RVSR, DECOMMISSION WEST SECTION OF TAXIWAY "M", DEMOLISH EXISTING TERMINALS "C", "D" AND CONNECTOR, DEMOLISH BLDG. 99, 58, 60 AND BLAST FENCES, TAXI STACK AND PUBLIC PARKING "4" TO BE ELIMINATED, OVERNIGHT AIRCRAFT HARDSTANDS TO BE ELIMINATED, G. P. "2", LIMOBUS AND PUBLIC PRG. "5" TO BE ELIMINATED, PROPOSED TAXI STACK, PROPOSED NEW BLAST FENCE, PROPOSED TOWNS RECONFIGURATION, PROPOSED W.E. ELECTRICAL SUBSTATION, PROPOSED GENERATOR FOR PUMP HOUSE # 4, PROPOSED TAXI HOLD STRUCTURE.
T. FELIX	13	12-04-15	T.S.M.	PEN & INK CHANGE: PROPOSED NEW CENTRAL TERMINAL BUILDING (CTB), WEST PARKING GARAGE, FRONT ROAD AND CONNECTOR TO TERMINAL C, LLWSAS TO BE RELOCATED, RE-DESIGNATE PARKING LOT "10 E" TO EMPLOYEE PARKING "10", AUTO PARKING # 7 WILL BE RENAMED - "FOR-HIRE VEHICLE LOT".
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Z. DEGUILLA	7	08-24-02	M.T.L.	PEN & INK CHANGE: EMAS @ RW 22-4 & 13-31, PROPOSED POLICE EMERGENCY GARAGE, (ARFF), FIRE PUMP STATION, RDWY IMPROVEMENTS WEST OF CTB & EASTEND RDWY.
Z. DEGUILLA	6	01-30-02	T.S.M.	CONSTRUCTION DEVT UPDATE, RW 13-31 LIGHTING DATA.
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M. GOLEMIS	2	12-07-98	D.G.	REVISED AS SHOWN
M. GOLEMIS	1	04-21-98	D.G.	PROPOSED MULTI-FUEL VEHICLE SERVICE
SIGNED BY:	REV. NO:	DATE:	BY:	NOTES:

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LEGEND:

AIRPORT PROPERTY LINE

NEAR TERM

FUTURE CONSTRUCTION

AIRTRAIN TRACK CENTERLINES

LGA AIRTRAIN

RIGHT OF WAY

EDGE OF AIRTRAIN ROW AREA

OFF-AIRPORT

THE PORT AUTHORITY
OF NEW YORK AND NEW JERSEY

APPROVED HUNTLEY LAWRENCE
DIRECTOR OF AVIATION

DATE AUG. 21, 2018

ORIGINAL SIGNED BY JULIAN KAU
FOR GERALD FITZGERALD
APPROVED DIRECTOR OF AVIATION

DATE OCT. 31, 1995

FEDERAL AVIATION ADMINISTRATION

APPROVED ORIGINAL SIGNED BY PHILIP BRITO
MANAGER, NEW YORK AIRPORTS
DISTRICT OFFICE

DATE JAN. 24, 1997

THE PORT AUTHORITY
OF NEW YORK AND NEW JERSEY

AVIATION DEPARTMENT
AVIATION PLANNING DIVISION

LA GUARDIA AIRPORT
AIRPORT LAYOUT PLAN

