AIRPORT LAYOUT PLANS

HILLIARD AIRPARK

PREPARED FOR:

TOWN OF HILLIARD
NASSAU COUNTY, FLORIDA

FAA AIP PROJECT No. 3-12-0099-007-2012
FDOT GRANT No. 42866519410

PREPARED BY:

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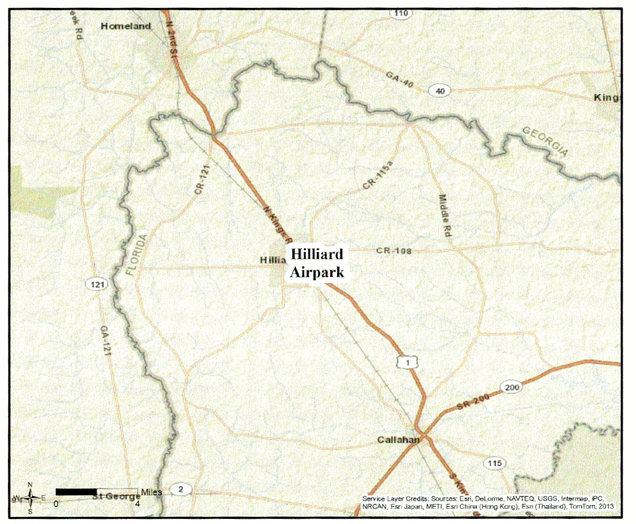
AUGUST 2016



LOCATION MAP

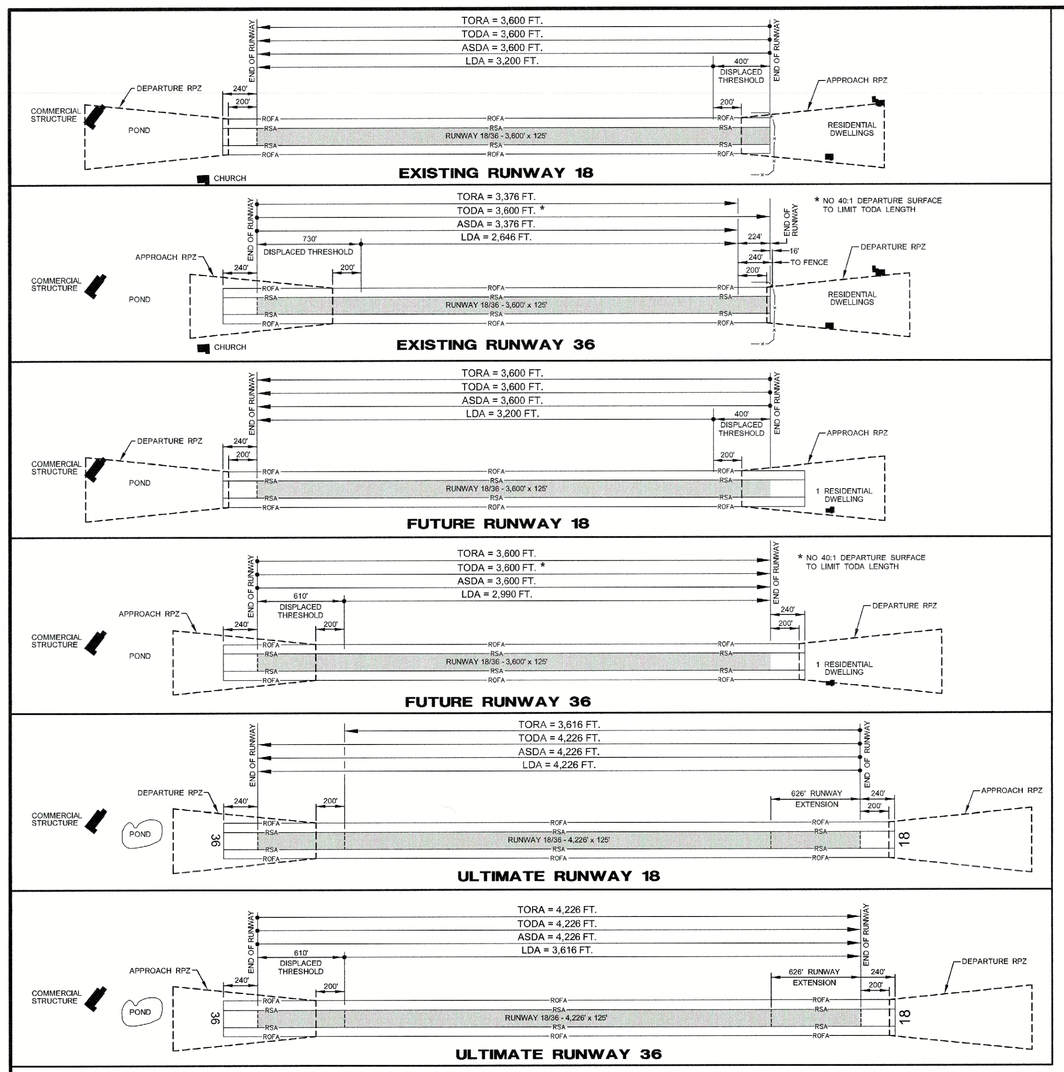
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VICINITY MAP

S:\Projects_AIRPARK\Hilliard Airpark\2012 Airport Master Plan Update\ALP\Technical Data\ALP_01-ADWR.dwg 09/04/2016 13:04



EXISTING/FUTURE/ULTIMATE DECLARED DISTANCES

LEGEND

ITEM	EXISTING	FUTURE
AIRPORT PROPERTY LINE		
TURF RUNWAY		
ROADS & PARKING		
BUILDINGS		
FENCE		
RUNWAY SAFETY AREA	RSA	(RSA)
RUNWAY OBJECT FREE AREA	ROFA	(ROFA)
TAXIWAY OBJECT FREE AREA	TOFA	(TOFA)
OBSTACLE FREE ZONE	OFZ	(OFZ)
BUILDING RESTRICTION LINE	BRL	(BRL)
EASEMENT LINE		N/A
PROPERTY ACQUISITION	N/A	
AVIGATION EASEMENT	N/A	
TO BE REMOVED	N/A	
PAPI		
THRESHOLD LIGHTS		
WIND SOCK		N/A
AIRPORT REFERENCE POINT (ARP)		

BUILDING INDEX

NO.	DESCRIPTION	ELEVATION (FT.) AGL/MSL (SEE NOTE 5)
(1)	HANGAR (40'x42')	17/74
(2)	HANGAR (56'x40')	16.5/73.5
(3)	HANGAR (40'x40')	18/75
(4)	HANGAR (40'x40')	13/71
(5)	HANGAR (40'x40')	17/75
(6)	HANGAR (40'x40')	18/76
(7)	HANGAR (40'x40')	15/73
(8)	HANGAR (40'x40')	16/74
(9)	HANGAR (32'x40')	16/74
(10)	HANGAR (41'x41')	17.5/75.5
(11)	HANGAR (33'x41')	16.5/74.5
(12)	HANGAR (40'x41')	16/74
(13)	HANGAR (34'x60')	18/76
(14)	TERMINAL/FBO BUILDING (41'x61')	16/75
(15)	HANGAR (50'x42')	18/77
(16)	HANGAR (50'x42')	16/75
(17)	HANGAR (50'x42')	18.5/77.5
(18)	HANGAR (50'x42')	18/77
(19)	ELECTRICAL VAULT (12'x12')	9/67
(20)	HANGAR (50'x40')	14.5/72.5
(21)	HANGAR (51'x44')	16.5/74.5
(22)	HANGAR (50'x50')	16.5/74.5
(23)	HANGAR (40'x60')	17.5/74.5
(24)	HANGAR (130.5'x40')	18/74

SOURCE: URS, 2014

AIRPORT DATA

	EXISTING	FUTURE	ULTIMATE
ESTABLISHED AIRPORT ELEVATION (NAVD 88)	59.0 (MSL)	SAME	SAME
AIRPORT REFERENCE POINT (ARP) LATITUDE	30°41'09.4800"N	SAME	30°41'12.5780"N
COORDINATES (NAD '83) LONGITUDE	081°54'22.8350"W	SAME	081°54'22.9020"W
AIRPORT VISUAL AID	BEACON	SAME	SAME
AREA NAVIGATIONAL AIDS (VISUAL)	NONE	SAME	SAME
MEAN MAX. TEMPERATURE – HOTTEST MONTH	92.3°F (JULY)	SAME	SAME
AIRPORT REFERENCE CODE	A/B-1 (SMALL)	SAME	SAME
CRITICAL DESIGN AIRCRAFT	CESSNA 172	SAME	SAME
AIRPORT ROLE (NPIAS)	LOCAL	SAME	SAME
SERVICE LEVEL (NPIAS)	GENERAL AVIATION	SAME	SAME
AIRPORT IDENTIFIER	01J	SAME	SAME
AIRPORT ACREAGE (APPROXIMATE)	48.19 ACRES	95.70± ACRES	106.83± ACRES

SURVEY MONUMENTS

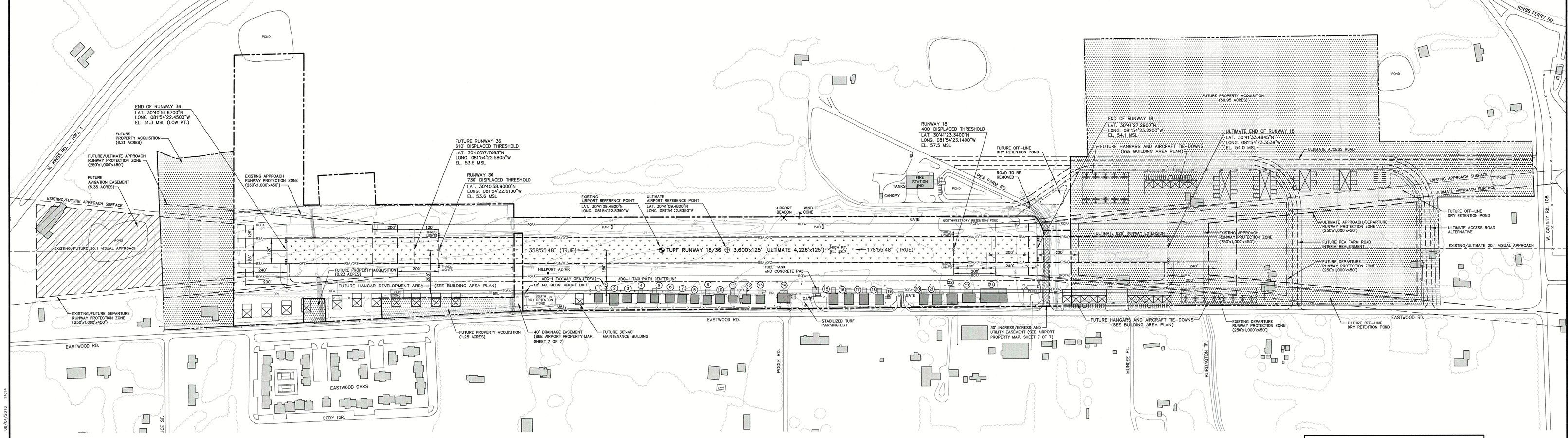
DESIGNATION	TYPE	LATITUDE	LONGITUDE	ELEVATION
HILLPORT AZ MK	PACS	30°41'04.08832" N	081°54'21.44814" W	54.54

DECLARED DISTANCES

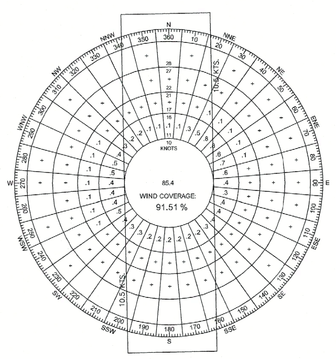
RUNWAY	TORA	TODA	ASDA	LDA
EXISTING 18	3,600'	3,600'	3,600'	3,200'
EXISTING 36	3,376'	3,600'	3,376'	2,646'
FUTURE 18	3,600'	3,600'	3,600'	3,200'
FUTURE 36	3,600'	3,600'	3,600'	2,990'
ULTIMATE 18	3,616'	4,226'	4,226'	4,226'
ULTIMATE 36	4,226'	4,226'	4,226'	3,616'

RUNWAY DATA

ITEM		RUNWAY 18/36 EXISTING		RUNWAY 18/36 FUTURE/ULTIMATE	
RUNWAY LENGTH (FT.)		3,600		4,226	
RUNWAY WIDTH (FT.)		125		SAME	
RUNWAY DESIGN CODE (RDC)		A/B/I/(S)/VIS		A/B/I/(S)/VIS	
RUNWAY REFERENCE CODE (RRC)		A/B/I/(S)/VIS		A/B/I/(S)/VIS	
CRITICAL DESIGN AIRCRAFT		CESSNA 172		SAME	
EFFECTIVE GRADIENT (%)		0.08		0.06	
% WIND COVERAGE (ALL WEATHER-10.5 KNOTS)		91.51		SAME	
RUNWAY PAVEMENT	SURFACE TYPE/FRICTION	TURF		SAME	
	STRENGTH (000 lbs.)	N/A		SAME	
MAXIMUM RUNWAY ELEVATION (NAVD 88) (MSL)		58.0		SAME	
RUNWAY LIGHTING		MIRL		SAME	
RUNWAY MARKING		VISUAL		SAME	
RUNWAY ENDS		18	36	18	36
END ELEVATIONS (NAVD 88) (MSL) (SEE NOTE 1)		54.1	51.3	54.0	SAME
END COORDINATES (NAD 83) (SEE NOTE 1)	LATITUDE	30°41'27.2900"N	30°40'51.6700"N	30°41'33.4845"N	SAME
	LONGITUDE	081°54'23.2200"W	081°54'22.4500"W	081°54'23.3539"W	SAME
RUNWAY PROTECTION ZONE (RPZ)	LENGTH (FT.)	1,000	1,000	SAME	SAME
	WIDTH-INNER/OUTER (FT.)	500/700	500/700	SAME	SAME
APPROACH LIGHTING		NONE	NONE	SAME	SAME
RUNWAY TOUCH DOWN ZONE ELEVATIONS (MSL)		N/A	N/A	SAME	SAME
C.F.R. PART 77 IMAGINARY AIRSPACE SURFACES	APPROACH CATEGORY	VISUAL	VISUAL	SAME	SAME
	APPROACH SURFACE SLOPES	20:1	20:1	SAME	SAME
NAVAIDS	ELECTRONIC NAVIGATION AIDS	NONE	NONE	SAME	SAME
	VISUAL APPROACH AIDS	PAPI-2R	PAPI-2R	SAME	SAME
TYPE OF INSTRUMENT APPROACH		VISUAL	VISUAL	SAME	SAME
APPROACH VISIBILITY MINIMUMS (STATUTE MILES)		N/A	N/A	SAME	SAME
RUNWAY SAFETY AREA (RSA) W=WIDTH (FT.) BDE=BEYOND DEPARTURE END OF RUNWAY (FT.)		W=120 BDE=240		SAME SAME	
RUNWAY OBJECT FREE AREA (ROFA) W=WIDTH (FT.) BDE=BEYOND DEPARTURE END OF RUNWAY (FT.)		W=250 BDE=240		SAME SAME	
RUNWAY OBSTACLE FREE ZONE (OFZ) W=WIDTH (FT.) BRE=BEYOND RUNWAY END (FT.)		W=120 BRE=200		SAME SAME	



ALL-WEATHER WIND ROSE



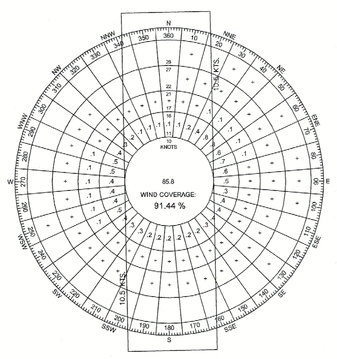
SOURCE: NOAA NATIONAL CLIMATIC DATA CENTER, ASHVILLE, N.C.
STATION: 722060, JACKSONVILLE INTERNATIONAL AIRPORT
PERIOD OF RECORD: 01/01/2001 - 12/31/2011
ALL WEATHER OBSERVATIONS: 121,541
VMC OBSERVATIONS: 98,431

WIND ROSE DEPICTED RELATIVE TO TRUE NORTH (NAD 83)
RUNWAY 18 ORIENTATION: 178.92°
RUNWAY 36 ORIENTATION: 358.94°
MAGNETIC DECLINATION: 5°41'3"W

METEOROLOGICAL CONDITION	RUNWAY USE	RUNWAY WIND COVERAGE BY PERCENT 10.5 KNOTS (12 MPH)
ALL WEATHER	18/36	91.51
VMC WEATHER	18/36	91.44

NOTES:
1. THIS CHART PLOTS, FOR THE DATA PERIOD, THE RECORDED OCCURENCES (IN PERCENT) OF WIND BY DIRECTION AND SPEED WHILE THE RECTANGULAR BOXES REPRESENT THE MAXIMUM ACCEPTABLE CROSSWIND COMPONENT FOR EACH RUNWAY. THE WIND COVERAGE CAPABILITY OF THE AIRFIELD IS THUS DETERMINED BY TOTALING ALL OCCURENCES FALLING WITHIN THE RECTANGLES.
2. RUNWAYS ARE NUMBERED USING MAGNETIC BEARINGS WHILE WIND DATA IS PRESENTED USING TRUE BEARINGS. THEREFORE, THERE IS APPROXIMATELY A 5°41'3" WEST DIFFERENCE BETWEEN THE RUNWAY BEARING AND THE WIND ROSE BEARING.

VMC CONDITIONS WIND ROSE



NOTES

1. ALL ELEVATIONS ARE IN FEET (MSL).
2. HORIZONTAL DATUM NAD 83, VERTICAL DATUM NAVD 88.
3. DRAWING PREPARED IN FLORIDA STATE PLANE, EAST ZONE (0901), U.S. FEET.
4. BASE DRAWING UPDATED USING AERIAL PHOTOGRAPHY FLOWN IN 2014.
5. MSL HANGAR/BUILDING HEIGHTS WERE FIELD ESTIMATED DURING THE WEEK OF SEPTEMBER 14, 2014 USING AGL MEASUREMENTS AND ESTIMATES OF MSL SITE ELEVATIONS.

CONSTRUCTION NOTICE REQUIREMENT

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

SPONSOR APPROVAL

Town of Hilliard, Florida

By: _____

Title: _____ Date: _____

FAA DISCLAIMER

THE CONTENTS OF THIS PLAN DO NOT NECESSARILY REFLECT THE OFFICIAL VIEWS OR POLICY OF THE FAA. ACCEPTANCE OF THESE DOCUMENTS BY THE FAA DOES NOT IN ANY WAY CONSTITUTE A COMMITMENT ON THE PART OF THE UNITED STATES TO PARTICIPATE IN ANY DEVELOPMENT DEPICTED THEREIN NOR DOES IT INDICATE THAT THE PROPOSED DEVELOPMENT IS ENVIRONMENTALLY ACCEPTABLE IN ACCORDANCE WITH APPROPRIATE PUBLIC LAWS.

FAA APPROVAL BLOCK

NO.	DATE	APP.	BY	REVISIONS

AIRPORT LAYOUT DRAWING

HILLIARD AIRPARK
HILLIARD, FLORIDA

PREPARED FOR

TOWN OF HILLIARD
NASSAU COUNTY, FLORIDA

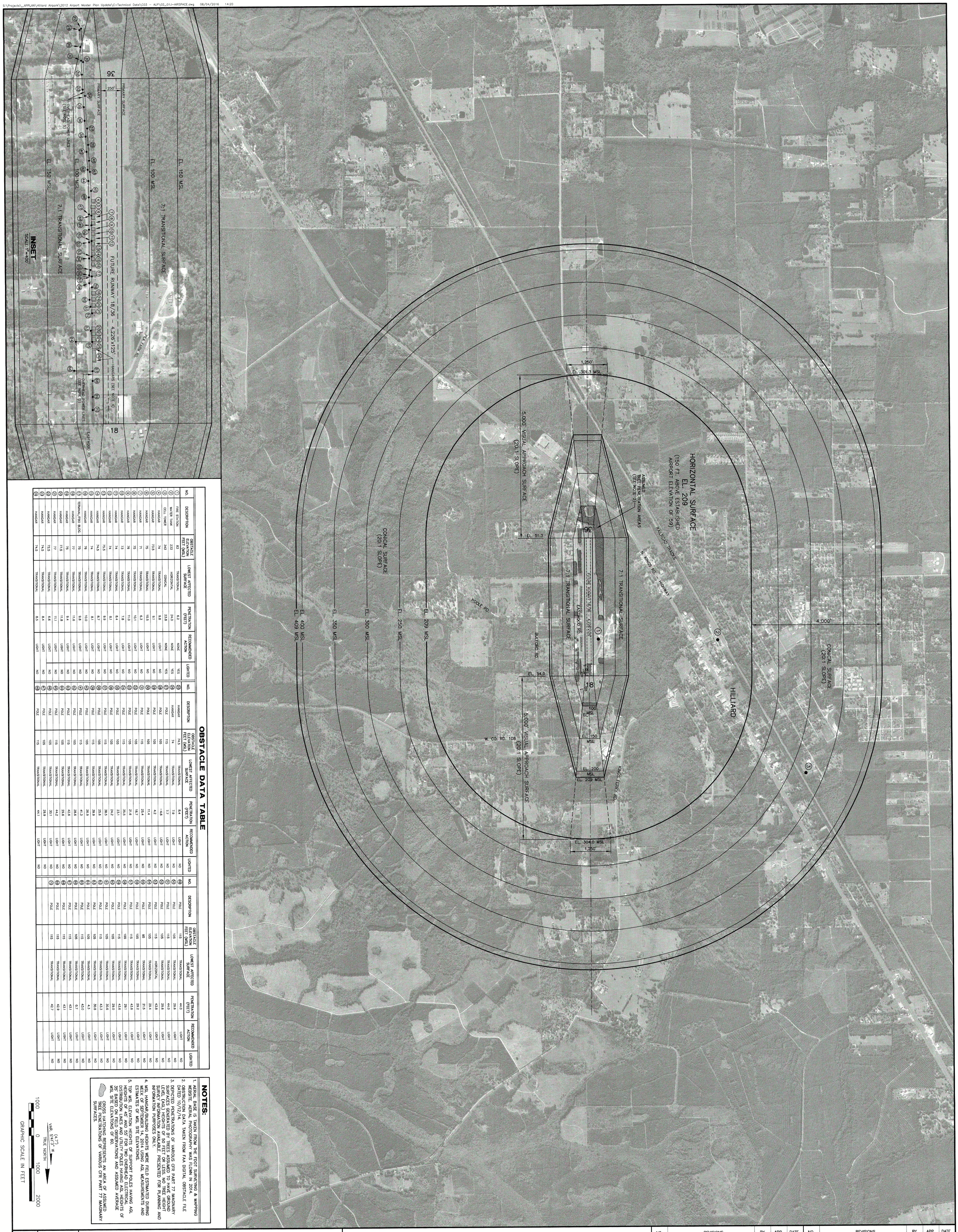
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DESIGNED: RJM
DRAWN: RJM CHECKED: MLT
PROJECT MANAGER: MLT
PROJECT DIRECTOR: MLT

DATE: 08/16
SHEET: 1 OF 7

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OBSTACLE DATA TABLE

NO.	DESCRIPTION	OBSTACLE ELEVATION FEET (MSL)	LOWEST AFFECTED SURFACE	PENETRATION (FEET)	RECOMMENDED ACTION	LIGHTED
1	FIRE STATION	83	TRANSITIONAL	8.2	NONE	YES
2	WATER TANK	233	HORIZONTAL	24.0	NONE	YES
3	CELL TOWER	343	CONICAL	23.8	NONE	YES
4	HANGAR	74	TRANSITIONAL	9.8	LIGHT	NO
5	HANGAR	73.5	TRANSITIONAL	9.1	LIGHT	NO
6	HANGAR	75	TRANSITIONAL	10.5	LIGHT	NO
7	HANGAR	71	TRANSITIONAL	6.3	LIGHT	NO
8	HANGAR	75	TRANSITIONAL	10.1	LIGHT	NO
9	HANGAR	76	TRANSITIONAL	11.0	LIGHT	NO
10	HANGAR	73	TRANSITIONAL	7.8	LIGHT	NO
11	HANGAR	74	TRANSITIONAL	8.4	LIGHT	NO
12	HANGAR	74	TRANSITIONAL	8.1	LIGHT	NO
13	HANGAR	75.5	TRANSITIONAL	9.9	LIGHT	NO
14	HANGAR	74.5	TRANSITIONAL	8.7	LIGHT	NO
15	HANGAR	74	TRANSITIONAL	8.1	LIGHT	NO
16	HANGAR	76	TRANSITIONAL	10.0	LIGHT	NO
17	TERMINAL/TBD BLDG.	75	TRANSITIONAL	9.8	LIGHT	NO
18	HANGAR	77	TRANSITIONAL	11.6	LIGHT	NO
19	HANGAR	75	TRANSITIONAL	9.4	LIGHT	NO
20	HANGAR	77.5	TRANSITIONAL	11.8	LIGHT	NO
21	HANGAR	77	TRANSITIONAL	11.1	LIGHT	NO
22	HANGAR	72.5	TRANSITIONAL	6.6	LIGHT	NO
23	HANGAR	74.5	TRANSITIONAL	8.4	LIGHT	NO
24	HANGAR	74.5	TRANSITIONAL	8.5	LIGHT	NO
25	HANGAR	74.5	TRANSITIONAL	8.4	LIGHT	NO
26	HANGAR	74	TRANSITIONAL	7.9	LIGHT	NO
27	HANGAR	74	TRANSITIONAL	7.7	LIGHT	NO
28	POLE	105	TRANSITIONAL	-4.6	LIGHT	NO
29	POLE	105	TRANSITIONAL	4.2	LIGHT	NO
30	POLE	105	TRANSITIONAL	11.4	LIGHT	NO
31	POLE	115	TRANSITIONAL	25.4	LIGHT	NO
32	POLE	105	TRANSITIONAL	18.7	LIGHT	NO
33	POLE	105	TRANSITIONAL	21.6	LIGHT	NO
34	POLE	115	TRANSITIONAL	35.5	LIGHT	NO
35	POLE	105	TRANSITIONAL	23.1	LIGHT	NO
36	POLE	105	TRANSITIONAL	24.2	LIGHT	NO
37	POLE	115	TRANSITIONAL	38.5	LIGHT	NO
38	POLE	105	TRANSITIONAL	25.6	LIGHT	NO
39	POLE	115	TRANSITIONAL	39.9	LIGHT	NO
40	POLE	105	TRANSITIONAL	26.9	LIGHT	NO
41	POLE	115	TRANSITIONAL	41.3	LIGHT	NO
42	POLE	105	TRANSITIONAL	28.6	LIGHT	NO
43	POLE	115	TRANSITIONAL	42.6	LIGHT	NO
44	POLE	105	TRANSITIONAL	29.6	LIGHT	NO
45	POLE	115	TRANSITIONAL	44.2	LIGHT	NO
46	POLE	105	TRANSITIONAL	30.1	LIGHT	NO
47	POLE	105	TRANSITIONAL	28.9	LIGHT	NO
48	POLE	115	TRANSITIONAL	44.1	LIGHT	NO
49	POLE	115	TRANSITIONAL	44.0	LIGHT	NO
50	POLE	105	TRANSITIONAL	29.6	LIGHT	NO
51	POLE	115	TRANSITIONAL	44.0	LIGHT	NO
52	POLE	105	TRANSITIONAL	29.6	LIGHT	NO
53	POLE	105	HORIZONTAL	43.9	LIGHT	NO
54	POLE	105	TRANSITIONAL	29.4	LIGHT	NO
55	POLE	95	TRANSITIONAL	21.5	LIGHT	NO
56	POLE	105	TRANSITIONAL	29.2	LIGHT	NO
57	POLE	115	TRANSITIONAL	43.6	LIGHT	NO
58	POLE	105	TRANSITIONAL	29.1	LIGHT	NO
59	POLE	115	TRANSITIONAL	43.6	LIGHT	NO
60	POLE	105	TRANSITIONAL	29.0	LIGHT	NO
61	POLE	105	TRANSITIONAL	30.6	LIGHT	NO
62	POLE	115	TRANSITIONAL	43.3	LIGHT	NO
63	POLE	105	TRANSITIONAL	30.8	LIGHT	NO
64	POLE	105	TRANSITIONAL	4.3	LIGHT	NO
65	POLE	115	TRANSITIONAL	43.0	LIGHT	NO
66	POLE	105	TRANSITIONAL	0.7	LIGHT	NO
67	POLE	115	TRANSITIONAL	43.1	LIGHT	NO
68	POLE	115	TRANSITIONAL	43.1	LIGHT	NO
69	POLE	115	TRANSITIONAL	42.9	LIGHT	NO
70	POLE	115	TRANSITIONAL	42.7	LIGHT	NO

NOTES:

1. AERIAL BASE IS TAKEN FROM THE FDOT SURVEYING & MAPPING WEBSITE. AERIAL PHOTOGRAPHY WAS FLOWN IN 2014.
2. OBSTRUCTION DATA TAKEN FROM FAA DIGITAL OBSTACLE FILE DATED 10/12/14.
3. DEPICTED PENETRATIONS OF VARIOUS CFR PART 77 IMAGINARY SURFACES GENERATED BY TREES ASSUMED TO HAVE GROUND LEVEL (AGL) HEIGHTS OF 50 FEET OR LESS. NO TREE HEIGHT SURVEY INFORMATION AVAILABLE. PRESENTED FOR PLANNING AND INFORMATION PURPOSES ONLY.
4. MSL HANGAR/BUILDING HEIGHTS WERE FIELD ESTIMATED DURING WEEK OF SEPTEMBER 14, 2014 USING AGL MEASUREMENTS AND ESTIMATES OF MSL SITE ELEVATIONS.
5. TOP MSL ELEVATION HEIGHTS OF SUPPORT POLES HAVING AGL HEIGHTS OF 45' AND 55' FOR TWO OVERHEAD ELECTRICAL DISTRIBUTION LINES AND UTILITY POLES HAVING AGL HEIGHTS OF 35' BASED ON FIELD OBSERVATIONS AND ASSUMED AVERAGE MSL SITE ELEVATIONS OF 60.

GROSS HATCHING REPRESENTS AN AREA OF ASSUMED TREE PENETRATIONS OF VARIOUS CFR PART 77 IMAGINARY SURFACES.

VAR. (4.7°) 5°41'3" W
TRUE NORTH

1000 0 1000 2000
GRAPHIC SCALE IN FEET

PREPARED FOR

TOWN OF HILLIARD
NASSAU COUNTY, FLORIDA

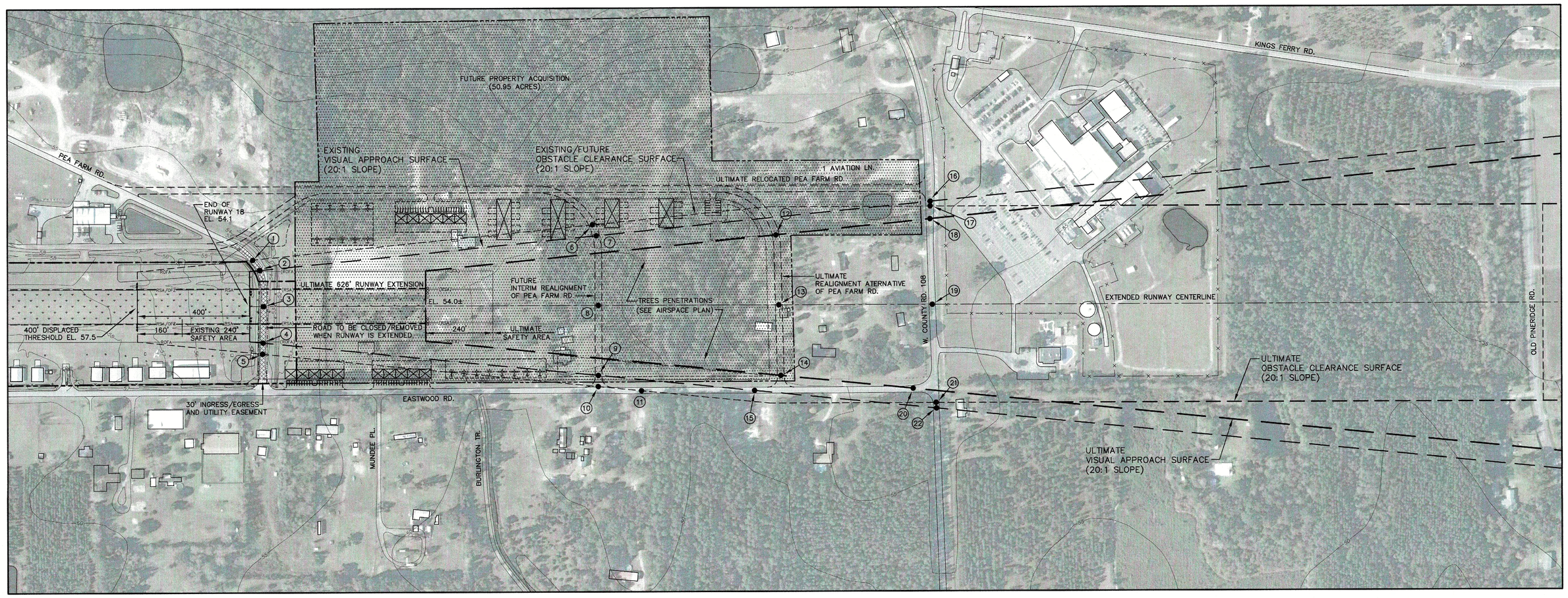
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AIRPORT AIRSPACE DRAWING

HILLIARD AIRPARK
HILLIARD, FLORIDA

NO.	REVISIONS	BY	APP.	DATE

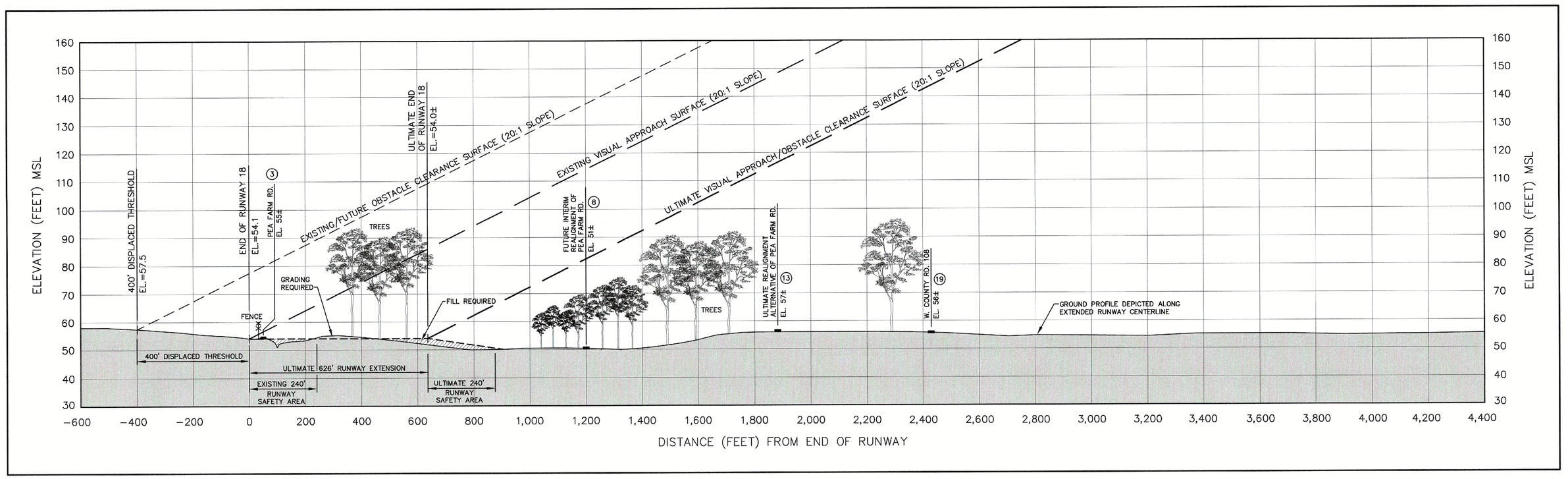
DESIGNED: RJM
DRAWN: RJM CHECKED: MLT
PROJECT MANAGER: MLT
PROJECT DIRECTOR: MLT
DATE: 08/16
SHEET: 2 OF 7



RUNWAY 18 INNER APPROACH SURFACE PLAN VIEW

CFR PART 77 & OBSTACLE CLEARANCE SURFACE ROAD CLEARANCES

1. PEA FARM RD. EL. 56± V.C.=19' OCS
2. PEA FARM RD. EL. 55± V.C.=1' P77
3. PEA FARM RD. EL. 55± V.C.=22' OCS V.C.=2' P77
4. PEA FARM RD. EL. 55± V.C.=2' P77
5. PEA FARM RD. EL. 55± V.C.=21' OCS
6. INTERIM PEA FARM RD. EL. 51± V.C.=84' OCS
7. INTERIM PEA FARM RD. EL. 51± V.C.=65' P77
8. INTERIM PEA FARM RD. EL. 51± 5.C.=85' OCS V.C.=65' P77
9. INTERIM PEA FARM RD. EL. 51± V.C.=65' P77
10. INTERIM PEA FARM RD. EL. 51± V.C.=85' OCS
11. EASTWOOD RD. EL. 52± V.C.=92' OCS
12. PEA FARM RD. ALTERNATIVE EL. 57± V.C.=59' (OCS) V.C.=59' (P77)
13. PEA FARM RD. ALTERNATIVE EL. 57± V.C.=60' (OCS) V.C.=60' (P77)
14. PEA FARM RD. ALTERNATIVE EL. 57± V.C.=60' (OCS) V.C.=60' (P77)
15. EASTWOOD RD. EL. 55± V.C.=89' P77
16. W. COUNTY RD. 108 EL. 56± V.C.=119' P77
17. W. COUNTY RD. 108 EL. 56± V.C.=139' OCS
18. W. COUNTY RD. 108 EL. 56± V.C.=88' (OCS) V.C.=88' (P77)
19. W. COUNTY RD. 108 EL. 56± V.C.=120' P77 V.C.=88' (P77) V.C.=140' OCS V.C.=85' (OCS)
20. EASTWOOD RD. EL. 56± V.C.=85' (OCS) V.C.=85' (P77)
21. W. COUNTY RD. 108 EL. 56± V.C.=140' OCS
22. W. COUNTY RD. 108 EL. 56± V.C.=120' P77



RUNWAY 18 INNER APPROACH SURFACE PROFILE VIEW

NOTES:

1. THE VERTICAL CLEARANCE (V.C.) OVER ROADS PER CODE OF FEDERAL REGULATIONS IS 17 FEET FOR INTERSTATE HIGHWAYS, 15 FEET FOR ANY OTHER PUBLIC ROADWAY, AND 10 FEET FOR A PRIVATE ROAD. THE VERTICAL CLEARANCE OVER A RAILROAD IS 23 FEET.
2. VERTICAL CLEARANCES (V.C.) FOR ROADS/RAILROADS ARE CALCULATED USING THE ELEVATION OF THE ROAD/RAILROAD AT THAT POINT MEASURING VERTICALLY TO THE INTERSECTION OF THE SPECIFIC SURFACE. THE VERTICAL CLEARANCES FOR THE ROADS SHOWN HERE ARE DEPICTED USING OCS REFERRING TO EXISTING OBSTACLE CLEARANCE SURFACE, (OCS) REFERRING TO FUTURE OBSTACLE CLEARANCE SURFACE P77 REFERRING TO EXISTING APPROACH SURFACE, AND (P77) REFERRING TO FUTURE APPROACH SURFACE. ROAD ELEVATIONS ARE ESTIMATED.
3. BASE IS FROM AERIAL PHOTOGRAPHY FLOWN IN 2014.

(4.7°) VAR. 5°41'3" W
TRUE NORTH

200 0 200 400
HORIZONTAL SCALE IN FEET

20 0 20 40
VERTICAL SCALE IN FEET

NO.	REVISIONS	BY	APP.	DATE

INNER PORTION OF THE APPROACH SURFACE DRAWING – RUNWAY 18

HILLIARD AIRPARK
HILLIARD, FLORIDA

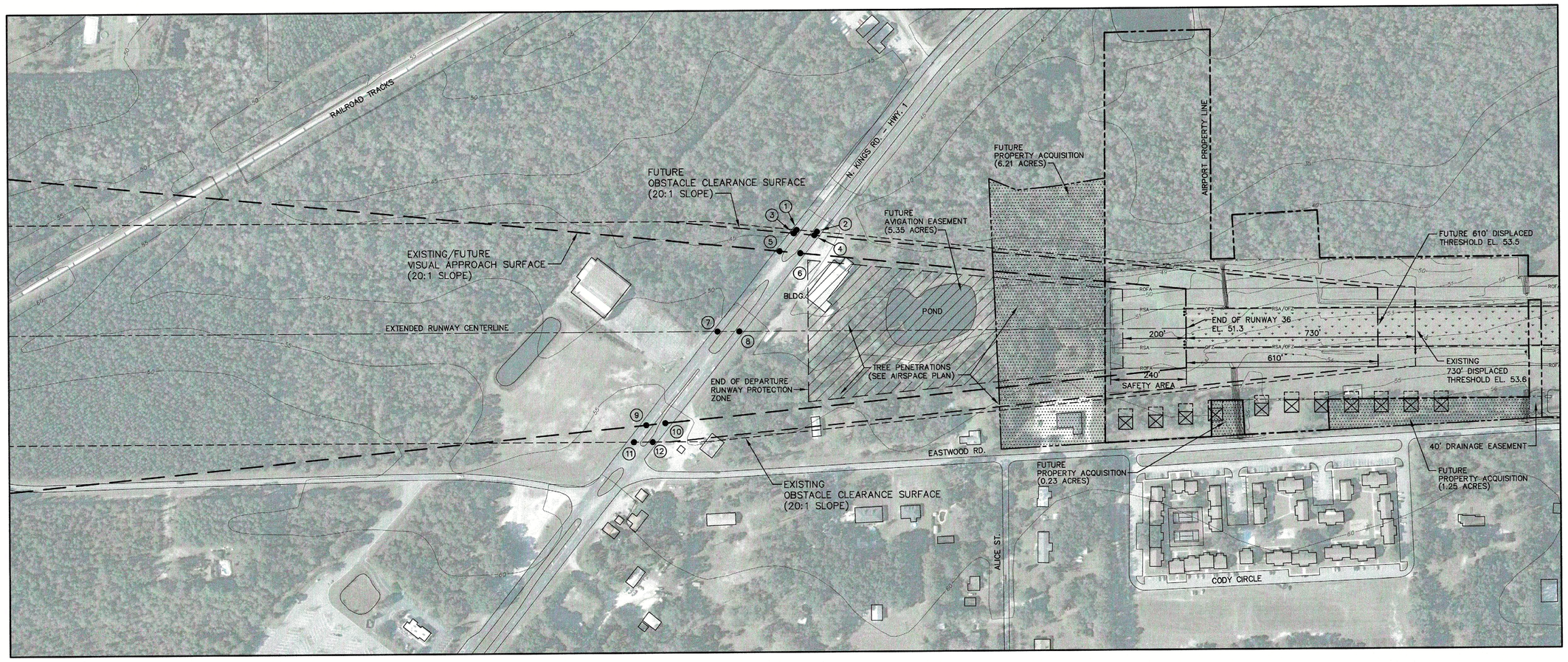
PREPARED FOR
TOWN OF HILLIARD
NASSAU COUNTY, FLORIDA

URS Corporation Southern
7650 West Courtney
Campbell Highway
Tampa, FL 33607-1462
PH: (813) 286-1711
URS

DESIGNED: RJM
DRAWN: RJM CHECKED: MLT
PROJECT MANAGER: MLT
PROJECT DIRECTOR: MLT

DATE: 08/16
SHEET: 3 OF 7

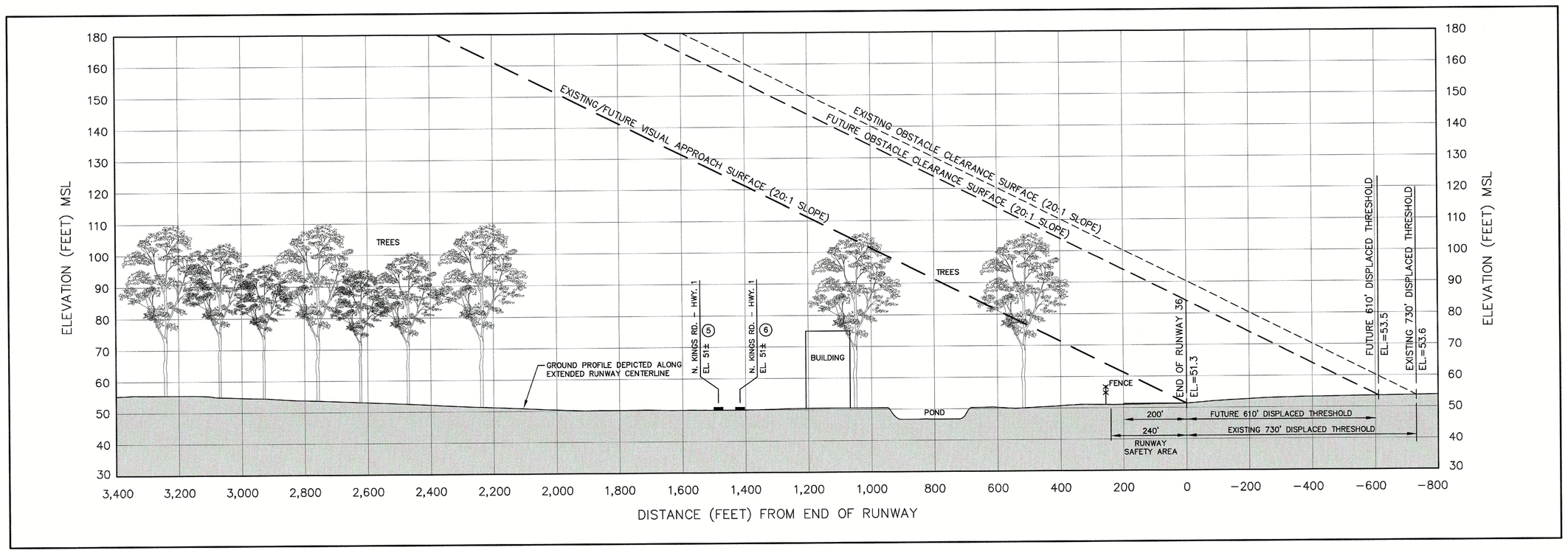
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RUNWAY 36 INNER APPROACH SURFACE PLAN VIEW

CFR PART 77 & OBSTACLE CLEARANCE SURFACE ROAD CLEARANCES

1. N. KINGS RD. – HWY. 1 EL. 45± V.C.=107' OCS
2. N. KINGS RD. – HWY. 1 EL. 45± V.C.=104' OCS
3. N. KINGS RD. – HWY. 1 EL. 45± V.C.=101' OCS
4. N. KINGS RD. – HWY. 1 EL. 45± V.C.=98' OCS
5. N. KINGS RD. – HWY. 1 EL. 45± V.C.=71' P77
6. N. KINGS RD. – HWY. 1 EL. 47± V.C.=65' P77
7. N. KINGS RD. – HWY. 1 EL. 51± V.C.=113' OCS V.C.=75' P77 V.C.=107' (OCS)
8. N. KINGS RD. – HWY. 1 EL. 51± V.C.=110' OCS V.C.=71' P77 V.C.=104' (OCS)
9. N. KINGS RD. – HWY. 1 EL. 55± V.C.=82' P77
10. N. KINGS RD. – HWY. 1 EL. 55± V.C.=79' P77
11. N. KINGS RD. – HWY. 1 EL. 55± V.C.=123' OCS V.C.=117' (OCS)
12. N. KINGS RD. – HWY. 1 EL. 57± V.C.=118' OCS V.C.=112' (OCS)



RUNWAY 36 INNER APPROACH SURFACE PROFILE VIEW

NOTES:

1. THE VERTICAL CLEARANCE (V.C.) OVER ROADS PER CODE OF FEDERAL REGULATIONS IS 17 FEET FOR INTERSTATE HIGHWAYS, 15 FEET FOR ANY OTHER PUBLIC ROADWAY, AND 10 FEET FOR A PRIVATE ROAD. THE VERTICAL CLEARANCE OVER A RAILROAD IS 23 FEET.
2. VERTICAL CLEARANCES (V.C.) FOR ROADS/RAILROADS ARE CALCULATED USING THE ELEVATION OF THE ROAD/RAILROAD AT THAT POINT MEASURING VERTICALLY TO THE INTERSECTION OF THE SPECIFIC SURFACE. THE VERTICAL CLEARANCES FOR THE ROADS SHOWN HERE ARE DEPICTED USING OCS REFERRING TO EXISTING OBSTACLE CLEARANCE SURFACE, (OCS) REFERRING TO FUTURE OBSTACLE CLEARANCE SURFACE, AND P77 REFERRING TO EXISTING APPROACH SURFACE. ROAD ELEVATIONS ARE ESTIMATED.
3. BASE IS FROM AERIAL PHOTOGRAPHY FLOWN IN 2014.

(4.7°) VAR. 5°41'3" W
TRUE NORTH

HORIZONTAL SCALE IN FEET: 200 0 200 400

VERTICAL SCALE IN FEET: 20 0 20 40

NO.	REVISIONS	BY	APP.	DATE

INNER PORTION OF THE APPROACH SURFACE DRAWING – RUNWAY 36

HILLIARD AIRPARK
HILLIARD, FLORIDA

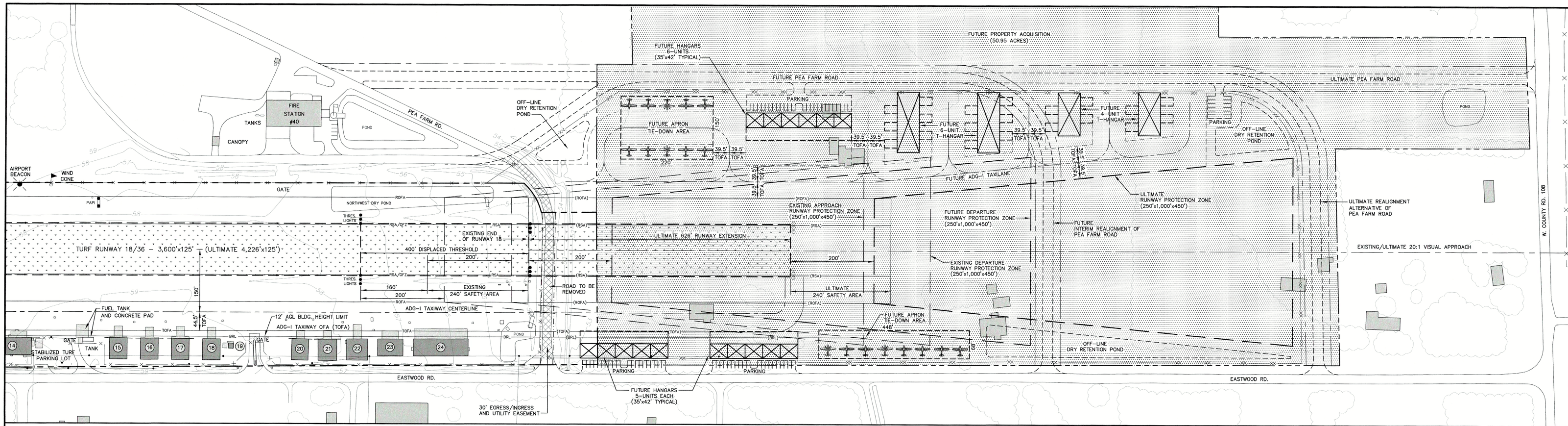
PREPARED FOR
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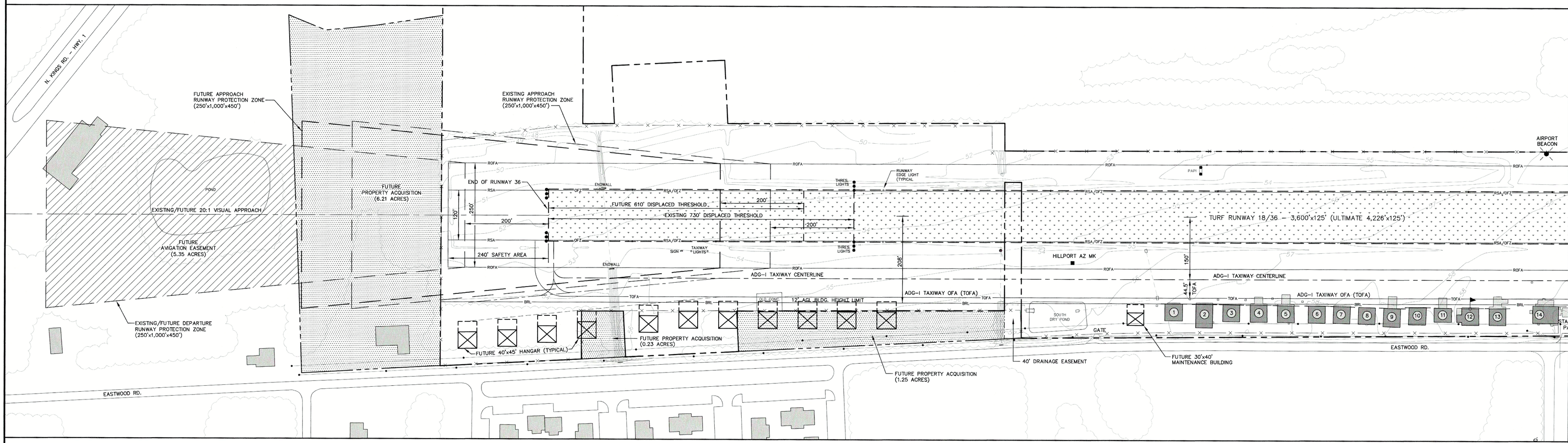
DESIGNED: RJM
DRAWN: RJM CHECKED: MLT
PROJECT MANAGER: MLT
PROJECT DIRECTOR: MLT

DATE: 08/16
SHEET: 4 OF 7

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BUILDING AREA NORTH



BUILDING AREA SOUTH

BUILDING INDEX

NO.	DESCRIPTION	ELEVATION (FT.) AGL/MSL
1	HANGAR (40'x42')	17/74
2	HANGAR (56'x40')	16.5/73.5
3	HANGAR (40'x40')	18/75
4	HANGAR (40'x40')	13/71
5	HANGAR (40'x40')	17/75
6	HANGAR (40'x40')	18/76
7	HANGAR (40'x40')	15/73
8	HANGAR (40'x40')	16/74
9	HANGAR (32'x40')	16/74
10	HANGAR (41'x41')	17.5/75.5
11	HANGAR (33'x41')	16.5/74.5
12	HANGAR (40'x41')	16/74
13	HANGAR (34'x80')	18/76
14	TERMINAL/FBO (41'x61')	16/75
15	HANGAR (50'x42')	18/77
16	HANGAR (50'x42')	16/75
17	HANGAR (50'x42')	18.5/77.5
18	HANGAR (50'x42')	18/77
19	ELECTRICAL VAULT (12'x12')	9/67
20	HANGAR (50'x40')	14.5/72.5
21	HANGAR (51'x44')	16.5/74.5
22	HANGAR (50'x50')	16.5/74.5
23	HANGAR (40'x60')	17.5/74.5
24	HANGAR (130.5'x40')	18/74

SOURCE: URS, 2014

LEGEND

ITEM	EXISTING	FUTURE
AIRPORT PROPERTY LINE		
TURF RUNWAY		
ROADS & PARKING		
BUILDINGS		
FENCE		
RUNWAY SAFETY AREA	RSA	(RSA)
RUNWAY OBJECT FREE AREA	ROFA	(ROFA)
TAXIWAY OBJECT FREE AREA	TOFA	(TOFA)
OBSTACLE FREE ZONE	OFZ	(OFZ)
BUILDING RESTRICTION LINE	BRL	(BRL)
PAVEMENT TO BE REMOVED	N/A	
PROPERTY ACQUISITION	N/A	
AVIGATION EASEMENT	N/A	
PAPI		
THRESHOLD LIGHTS		
WIND SOCK		N/A

(4.7°)
VAR. 5°41'3" W
TRUE NORTH

MAGNETIC VARIATION = 5°41'3" (4.7°) WEST
(JANUARY 2010)
ANNUAL RATE OF CHANGE:
5.5' (0.09') WEST/YEAR

100 0 100 200
GRAPHIC SCALE IN FEET

NO.	DATE	BY	APP.	REVISIONS

BUILDING AREA PLAN

HILLIARD AIRPARK
HILLIARD, FLORIDA

PREPARED FOR
TOWN OF HILLIARD
NASSAU COUNTY, FLORIDA

URS Corporation Southern
7650 West Courtney
Campbell Highway
Tampa, FL 33607-1462
Ph: (813) 286-1711

DESIGNED: RJM
DRAWN: RJM CHECKED: MLT
PROJECT MANAGER: MLT
PROJECT DIRECTOR: MLT

DATE: 08/16
SHEET: 5 OF 7

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LAND USE LEGEND

- AIRFIELD OPERATIONS
- AVIATION RELATED
- NON-AVIATION RELATED
- NON-AIRPORT OWNED
- CONSERVATION AREA

GRAPHIC SCALE IN FEET
300 0 300 600

VAR. (4.7°) 5°41'3" W
TRUE NORTH

PREPARED FOR

TOWN OF HILLIARD
NASSAU COUNTY, FLORIDA

URS Corporation Southern
7650 West Courtney
Campbell Causeway
Tampa, FL 33607-1462
Ph: (813) 286-1711

LAND USE PLAN

HILLIARD AIRPARK
HILLIARD, FLORIDA

NO.	REVISIONS	BY	APP.	DATE

NO.	REVISIONS	BY	APP.	DATE

DESIGNED: RJM
DRAWN: RJM CHECKED: MLT
PROJECT MANAGER: MLT
PROJECT DIRECTOR: MLT
DATE: 08/16
SHEET: 6 OF 7

LEGAL DESCRIPTION: DRAINAGE EASEMENTS
That part of:
A parcel of land being a portion of the Nassau County Board of Commissioners parcel located in the East Half of the Southeast Quarter of Section 9, Township 3 North, Range 24 East, Nassau County, Florida, being more particularly described as follows:
PART 'A'
Commence at the Southeast Corner of said Section 9; thence South 89 deg 34 min 56 sec West along the South line of said Section 9, a distance of 24.76 feet to the westerly right-of-way line of Eastwood Road (a 66.00 foot right-of-way as now established per Official Record Book 177, Page 256 of the Nassau County Public Records); thence continue South 89 deg 34 min 56 sec West along the South line of said Section 9, a distance of 375.25 feet to the west line of the East 400 feet of the East Half of the Southeast Quarter of said Section 9; thence North 00 deg 47 min 47 sec West along said west line, a distance of 2024.35 feet to the POINT OF BEGINNING; thence North 89 deg 59 min 59 sec West, a distance of 69.04 feet to an existing fence; thence North 00 deg 38 min 33 sec West along an existing fence, a distance of 485.16 feet to the beginning of a non-tangent curve concave to the Southeast and having a radius of 165.00 feet and a chord bearing of North 57 deg 57 min 57 sec East; thence run along an existing fence along the arc of said curve through a central angle of 27 deg 46 min 37 sec for a distance of 79.99 feet to the West line of a parcel of land described in Official Records Book 90, Page 97 of the Nassau County Public Records; thence South 00 deg 47 min 47 sec East along said West line, a distance of 527.19 feet to the POINT OF BEGINNING.
Containing 34,854 square feet, more or less.
Together with:
PART 'B'
Commence at the Southeast Corner of said Section 9; thence South 89 deg 34 min 56 sec West along the South line of said Section 9, a distance of 24.76 feet to the westerly right-of-way line of Eastwood Road (a 66.00 foot right-of-way as now established per Official Records book 177, Page 256 of the Nassau County Public Records); thence continue South 89 deg 34 min 56 sec West along the South line of said Section 9, a distance of 50.51 feet to the POINT OF BEGINNING; thence continue South 89 deg 34 min 56 sec West along the South line of said Section 9, a distance of 56.09 feet; thence North 00 deg 47 min 47 sec West, a distance of 40.00 feet to the South line of a parcel of land described in Official Record Book 90, Page 97 of the Nassau County Public Records; thence North 89 deg 34 min 56 sec East along the South line of a parcel of land described in Official Record Book 90, Page 97 of the Nassau County Public Records, a distance of 56.09 feet; thence South 00 deg 47 min 47 sec East, a distance of 40.00 feet to the POINT OF BEGINNING.
Containing 2,244 square feet, more or less.

DESCRIPTION: Parcel "A"
A parcel of land being a portion of Lot 3, Section 16, Township 3 North, Range 24 East, Joseph R. Dunn's Fruit and Truck Farm, according to the plat thereof recorded in Plat Book B–10, Page 48, of the public records of Nassau County, Florida, being more particularly described as follows:
For a point of reference, Commence at the Northeast corner of said Section 16; Thence South 89 deg 19 min 07 sec West, along the North line of said Section 16 and along the North line of said Lot 1, a distance of 24.76 feet to a point on the Westerly Right of Way line of Eastwood Road (a 66.00 foot right of way as now established); thence South 03 deg 30 min 10 sec East, along said Westerly right of way line, a distance of 906.77 feet to the Southeast corner of those lands described in Deed recorded in Official Records Book 75, Page 162 of said public records; thence South 86 deg 29 min 50 sec West, along the South line of said lands, a distance of 110.17 feet, to the POINT OF BEGINNING; Thence continue South 86 deg 29 min 50 sec West, along said line, a distance of 450.50 feet to a point; thence South 00 deg 47 min 47 sec East, a distance of 75.96 feet to a point on the South line of the aforementioned Lot 3; thence North 89 deg 33 min 19 sec East, along said South line, a distance of 450.01 feet to a point; Thence North 00 deg 47 min 47 sec West, a distance of 99.99 feet to the Point of Beginning. Containing 0.91 acres, more or less.

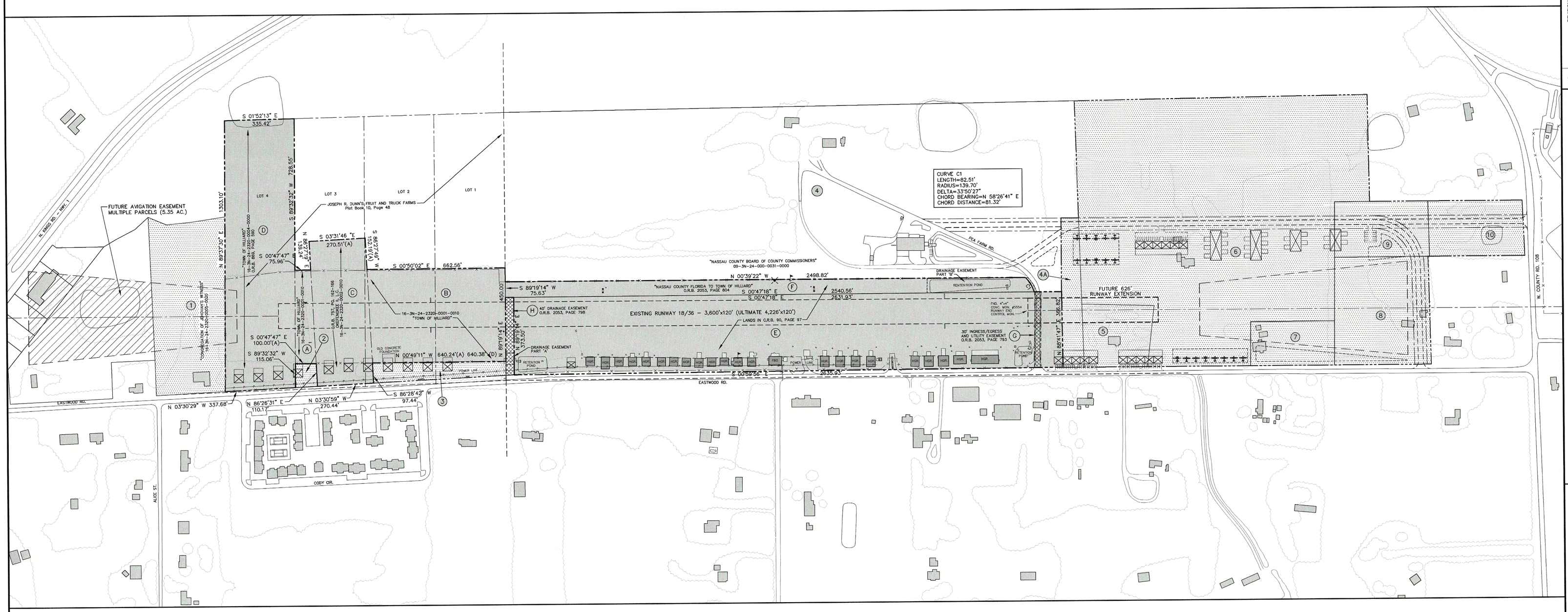
DESCRIPTION: Parcel "B"
A parcel of land being a portion of Lots 1 and 2, Section 16, Township 3 North, Range 24 East, Joseph R. Dunn's Fruit and Truck Farm, according to the plat thereof recorded in Plat Book B–10, Page 48, of the public records of Nassau County, Florida, being more particularly described as follows:
For a point of reference, Commence at the Northeast corner of said Section 16; Thence South 89 deg 19 min 07 sec West, along the North line of said Section 16 and along the North line of said Lot 1, a distance of 24.76 feet to a point on the Westerly Right of Way line of Eastwood Road (a 66.00 foot right of way as now established); thence continue South 89 deg 19 min 07 sec West, along said North line, a distance of 67.23 feet to the POINT OF BEGINNING, Thence continue South 89 deg 19 min 07 sec West, a distance of 450.00 feet to a point; thence South 00 deg 47 min 47 sec East, a distance of 662.56 feet to a point on the North line of those lands described in Deed recorded in Official Records Book 757, Page 162 of said public records; thence North 86 deg 29 min 50 sec East, along said North line, a distance of 450.50 feet to a point; thence North 00 deg 47 min 47 sec West, a distance of 640.38 feet to the Point of Beginning.
Containing 6.73 acres, more or less.

DESCRIPTION: Official Records Book 869 Page 590
Lot 4, in Section 16, Township 3 North, Range 24 East, Joseph R. Dunn's Fruit and Truck Farm according to the plat thereof as recorded in Plat Book B–10, Page 48, LESS and EXCEPT Right of Way to Nassau County as recorded in Deed Book 172, Page 22, all recorded in the public records of Nassau County, Florida.

DESCRIPTION: Official Records Book 90, Page 97
The Easterly 400 feet of the East Half of the Southeast Quarter (E½ of SE¼) of Section 9, Township 3 North, Range 24 East, EXCEPTING THEREFROM the Northerly 100 feet and the Southerly 40 feet of said described property.

EXCEPTION: DESCRIPTION: Official Records Book 177, Page 256
The Easterly 400 feet of the East Half of the Southeast Quarter (E½ of SE¼) of Section 9, Township 3 North, Range 24 East, EXCEPTING THEREFROM the Northerly 100 feet and the Southerly 40 feet of said described property.
Lying within 33 feet of the following described survey line, to wit:
For a point of reference commence at the Northeast corner of Section 9, Township 3 North, Range 24 East, and run South 1 deg 29 min 10 sec East, a distance of 648.70 feet to a point on the Southerly right of way line of State Road No. S–108 (a 66 foot right of way) for the POINT OF BEGINNING; From the Point of Beginning thus described run thence South 1 deg 13 min 05 sec East, a distance of 4,646.57 feet to an angle point; run thence South 4 deg 00 min 25 sec East, a distance of 3,089.03 feet to a point on the Northeasterly right of way line of U.S. Highway No. 1 (a 150 foot right of way) and the point of termination, all lying within a portion of Section 9, 10, 15 and 16, Township 3 North, Range 24 East, Nassau County, Florida.

DESCRIPTION: Official Records Book 757, Page 166
A portion of Lots 2 and 3, Joseph R. Dunn's Fruit and Truck Farm, Section 16, Township 3 North, Range 24 East, Nassau County, Florida, according to plat thereof recorded in Deed Book B–10 Page 48, of the public records of Nassau County, Florida, being more particularly described as follows: For a point of reference, commence at the intersection of the Northeasterly Right of Way line of U.S. Highway No. 1(a 150 foot right of way) with the centerline of Eastwood Road (a 66 foot right of way); run thence North 04 deg 00 min 16 sec West, along said centerline of Eastwood Road, a distance of 1916.90 feet; thence South 85 deg 59 min 45 sec West, a distance of 33.0 feet to a point in the Westerly right of way line of said Eastwood Road and the POINT OF BEGINNING for this description. From the Point of Beginning thus described, continue South 85 deg 59 min 45 sec West, a distance of 700.00 feet; run thence North 04 deg 00 min 15 sec West, a distance of 270.31 feet; thence North 85 deg 59 min 45 sec East, a distance of 700.0 feet to the aforementioned westerly right of way line of Eastwood Road; thence South 04 deg 00 min 15 sec East, along said Westerly right of way line, a distance of 270.31 feet to the Point of Beginning.



NOTES:
1. This map is INVALID unless Signed by and Sealed by the Professional Surveyor and Mapper hereon.
2. NO underground improvements were located unless shown hereon.
3. NO Title, Ownership Rights, Easements or liens were researched other than those shown hereon.
4. NO attempt was made to locate the Ordinary High Water Line on ANY Lake Front Property.
5. NO Wetlands or Environmentally Sensitive lands were located unless specifically stated.
6. NO attempt should be made by others to relocate the Boundary lines shown hereon from improvement tie lines without additional Boundary control or a RESURVEY.
7. THIS MAP IS NOT COVERED BY PROFESSIONAL LIABILITY INSURANCE.

SURVEYORS CERTIFICATION
I hereby certify that the map shown hereon is a true and correct representation of a Field Survey conducted under my supervision and that said map does conform in context with the minimum technical standards as set forth by the Board of Professional Surveyor and Mappers in Chapter 5J–17 of the Florida Administrative Code pursuant to Section 472–027 of the Florida Statutes. REVISED To add Easements and Additions 8–3–16
Date Signed: 08–03–16 DATE OF FIELD SURVEY: March 31, 2014
BY : Roger L. Mullins Professional Surveyor and Mapper Florida Registration #3554
No attempt was made to show Flood Zone information. Flood Zone information is to be determined by Federal Emergency Management Agency (FEMA), or other Governmental Agencies, or business specifically for that purpose.
The Bearings hereon refer to the Florida East State Plane from BC2510 to BC2493 being N 00°34'01" W, GPS, Assumed.

LEGEND
Not to Scale
Iron Corner
Concrete Monument
Power Line — P — P —
Fence Line — X — X —
Centerline

ABBREVIATION SCHEDULE
Right of Way — R/W
Official Records Book — ORB
Length — L
Identification Number — I.D.
Deed Measurement — (D)
Actual Measurement — (A)
Plat Measurement — (P)
Acres more or less — ALS

EXISTING PROPERTY TABLE

PARCEL	PARCEL ID	OWNER	ACRES	INTEREST
A	16–3N–24–2320–0003–0010	TOWN OF HILLIARD	0.91	FEE SIMPLE
B	16–3N–24–2320–0001–0010	TOWN OF HILLIARD	6.73	FEE SIMPLE
C	16–3N–24–2320–0002–0010	OKEFENOKEE II LC	4.34	FEE SIMPLE
D	16–3N–24–2320–0004–0000	TOWN OF HILLIARD	10.00	FEE SIMPLE
E	09–3N–24–0000–0031–0010	TOWN OF HILLIARD	22.00	FEE SIMPLE
F	09–3N–24–0000–0031–0000	TOWN OF HILLIARD	4.21	FEE SIMPLE
		TOTAL	48.19	

EXISTING EASEMENTS

PARCEL	PARCEL ID	OWNER	ACRES	INTEREST
G	09–3N–24–0000–0031–0010	NASSAU COUNTY	0.25	EASEMENT
H	09–3N–24–0000–0031–0000	TOWN OF HILLIARD	0.34	EASEMENT

PROPOSED PROPERTY ACQUISITION TABLE

PARCEL	PARCEL ID	OWNER	ACRES	INTEREST
1	16–3N–24–2320–0005–0020	HILLIARD CONGREGATION OF JEHOVAH'S WITNESSES	6.21	FEE SIMPLE
2	16–3N–24–2320–0003–0020	NYREN GERALD	0.23	FEE SIMPLE
3	16–3N–24–2320–0001–0020	NYREN GERALD	1.25	FEE SIMPLE
4A	09–3N–24–0000–0031–0000	NASSAU COUNTY BOARD OF COMMISSIONERS	58.00 (1.6 AC. PARTIAL ACQUISITION)	FEE SIMPLE
5	09–3N–24–0000–0009–0010	VANZANT JOHN E & MARY ANN	2.23	FEE SIMPLE
6	09–3N–24–0000–0008–0020	VANZANT EDWARD P & SUE B	33.09	FEE SIMPLE
7	09–3N–24–0000–0008–0000	GEIGER FREDDIE L & LINDA J	2.90	FEE SIMPLE
8	09–3N–24–0000–0004–0040	NESS C WILLIAM	5.53	FEE SIMPLE
9	09–3N–24–0000–0004–0060	MURRAY TERRY & MISTY	2.80	FEE SIMPLE
10	09–3N–24–0000–0004–0020	MURRAY TERRY & MISTY	2.80	FEE SIMPLE
		TOTAL	58.64	

LEGEND
- EXISTING AIRPORT USE PROPERTY LINE
- FUTURE AIRPORT PROPERTY LINE
- PARCEL LINE
- SECTION LINE
- LOT LINE
- EASEMENT LINE
- EXISTING AIRPORT PROPERTY (43.98 ACRES)
- EXISTING EASEMENTS
- FUTURE PROPERTY ACQUISITION
- FUTURE AVIGATION EASEMENT

(4.7°) VAR. 5°41'3" W
TRUE NORTH
200 0 200 400
GRAPHIC SCALE IN FEET

NO.	REVISIONS	BY	APP.	DATE
NO.	REVISIONS	BY	APP.	DATE

AIRPORT PROPERTY MAP
HILLIARD AIRPARK
HILLIARD, FLORIDA

PREPARED FOR
TOWN OF HILLIARD
NASSAU COUNTY, FLORIDA

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SHEET: 7 OF 7

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