

RUNWAY SAFETY AREA

| | FUTURE 8 | FUTURE 26 | FUTURE 18 | FUTURE 36 |
|--------------------------------------|----------------------------|----------------------------|------------------------|------------------------|
| RUNWAY PROTECTION ZONE (RPZ) | 1,000' x 1,750' x 2,500' | 1,000' x 1,750' x 2,500' | 500' x 700' x 1,000' | 500' x 700' x 1,000' |
| FAR PART-77 APPROACH SURFACE | 1,000' x 16,000' x 50,000' | 1,000' x 16,000' x 50,000' | 500' x 1,500' x 5,000' | 500' x 1,500' x 5,000' |
| RUNWAY SAFETY AREA (RSA) | 1,000' x 500' | 1,000' x 500' | 300' x 150' | 300' x 150' |
| OBJECT FREE AREA (OFA) | 1,000' x 800' | 1,000' x 800' | 300' x 500' | 300' x 500' |
| OBSTACLE FREE ZONE (OFZ) | 200' x 400' | 200' x 400' | 200' x 250' | 200' x 250' |
| PRECISION OBSTACLE FREE ZONE* (POFZ) | 200' x 800' | 200' x 800' | N/A | N/A |

NOTE:
 *THE PRECISION OBSTACLE FREE ZONE IS IN EFFECT ONLY WHEN ALL OF THE FOLLOWING OPERATIONAL CONDITIONS ARE MET:
 1. VERTICAL GUIDED APPROACH
 2. REPORTED CEILING BELOW 250 FEET AND/OR VISIBILITY LESS THAN 3/4 STATUTE MILE (OR RVR BELOW 4,000 FEET)
 3. AN AIRCRAFT ON FINAL APPROACH WITHIN TWO MILES OF THE RUNWAY THRESHOLD

RUNWAY DATA

| | FUTURE 8 | FUTURE 26 | FUTURE 18 | FUTURE 36 |
|----------------------------------|--------------------|--------------------|------------------|------------------|
| LATITUDE (LAT.) | 42° 44' 27.84" N | 42° 44' 39.31" N | 42° 45' 03.92" N | 42° 44' 29.48" N |
| LONGITUDE (LONG.) | 86° 07' 14.34" W | 86° 05' 48.61" W | 86° 06' 00.97" W | 86° 05' 56.77" W |
| ELEVATION (EL.) | 698' | 686' | 672' | 672' |
| STATION (STA.) | 67+02 | 02+00 | 100+00 | 135+00 |
| BEARING | N 79° 42' 18.36" E | N 79° 42' 18.36" E | N 174° 51' 38" E | N 174° 51' 38" E |
| APPROACH TYPE | PRECISION | PRECISION | VISUAL | VISUAL |
| TOUCHDOWN ZONE LATITUDE (LAT.) | 42° 44' 27.84" N | 42° 44' 39.31" N | 42° 45' 03.92" N | 42° 44' 29.48" N |
| TOUCHDOWN ZONE LONGITUDE (LONG.) | 86° 07' 14.34" W | 86° 05' 48.61" W | 86° 06' 00.97" W | 86° 05' 56.77" W |
| TOUCHDOWN ZONE ELEVATION (EL.) | 698' | 686' | 672' | 672' |

APRON DATA

| | EXISTING 1 | EXISTING 2 | EXISTING 3 |
|-------------|-------------|--------------|--------------|
| DESCRIPTION | HOLD APRON | HANGAR APRON | HANGAR APRON |
| SIZE | 260' x 270' | 676' x 278' | 350' x 148' |

DIMENSIONAL INFORMATION

| | FUTURE 8 | FUTURE 26 | FUTURE 18 | FUTURE 36 |
|---|-----------|-----------|-----------|-----------|
| RUNWAY LENGTH | 6,502' | 6,502' | 3,500' | 3,500' |
| RUNWAY WIDTH | 100' | 100' | 75' | 75' |
| RUNWAY SHOULDER WIDTH | 0' | 0' | 0' | 0' |
| TAXIWAY WIDTH | VARIABLES | VARIABLES | VARIABLES | VARIABLES |
| TAXIWAY EDGE SAFETY MARGIN | 7.5' | 7.5' | 7.5' | 7.5' |
| TAXIWAY SHOULDER WIDTH | 0' | 0' | 0' | 0' |
| TAXIWAY SAFETY AREA WIDTH | 79' | 79' | 79' | 79' |
| TAXIWAY OBJECT FREE AREA WIDTH | 131' | 131' | 131' | 131' |
| RUNWAY CENTERLINE TO TAXIWAY HOLD LINE | 250' | 250' | 250' | 250' |
| RUNWAY CENTERLINE TO BUILDING RESTRICTION LINE LENGTH | 745' | 745' | 495' | 495' |

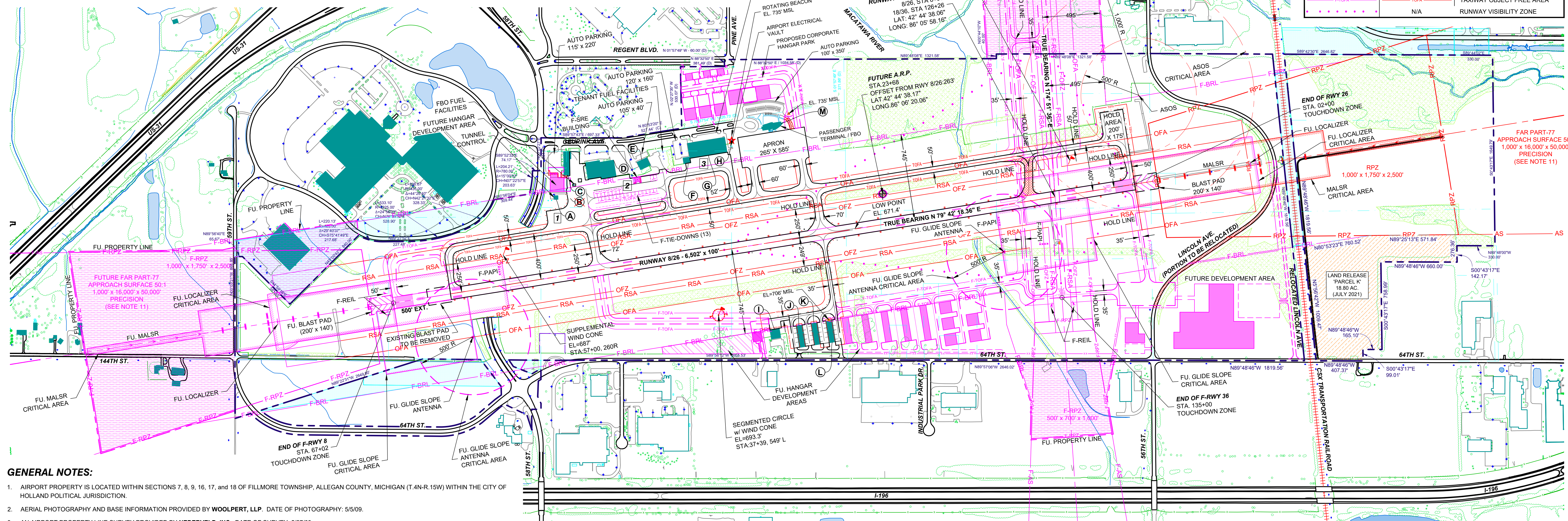
BUILDING DATA TABLE

| STRUCTURE | DESCRIPTION | HEIGHT - AGL | TOP ELEVATION - MSL |
|-----------|-------------------------|--------------|---------------------|
| (A) | TUNNEL CONTROL | 15.5' | 698' |
| (B) | TO BE REMOVED | 10' | 704' |
| (C) | CORPORATE HANGAR | 24.5' | 706' |
| (D) | FBO MAINTENANCE HANGAR | 29' | 709' |
| (E) | TENANT COMMUNITY HANGAR | 23' | 702' |
| (F) | TENANT OFFICE BUILDING | 16' | 694' |
| (G) | TENANT COMMUNITY HANGAR | 40.5' | 718' |
| (H) | ELECTRICAL VAULT | 10' | 686' |
| (I) | BOX HANGAR | 30' | 706' |
| (J) | T-HANGARS (8 UNIT) | 18.5' | 693' |
| (K) | T-HANGARS (8 UNIT) | 18.5' | 692' |
| (L) | T-HANGARS (8 UNIT) | 18.5' | 692' |
| (M) | TERMINAL / FBO | 25' | 676' |

NOTE:
 AGL = ABOVE GROUND LEVEL
 MSL = MEAN SEA LEVEL

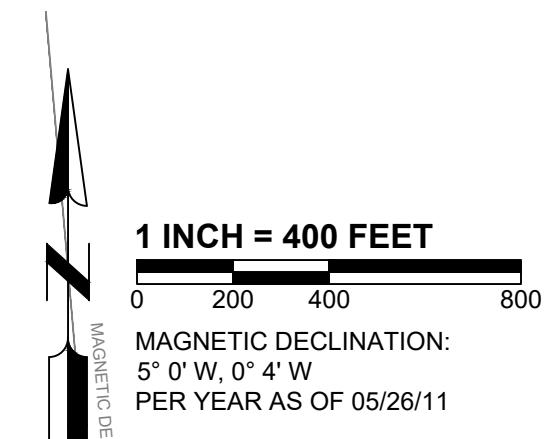
LEGEND

| FUTURE | EXISTING | ITEM |
|--------|----------|--|
| N/A | (Symbol) | BUILDINGS |
| N/A | (Symbol) | TREES AND TREE LINES |
| N/A | (Symbol) | FENCE LINES |
| N/A | (Symbol) | ROADS |
| N/A | (Symbol) | RAILROAD |
| N/A | (Symbol) | WETLANDS |
| N/A | (Symbol) | RIVERS, LAKES, COUNTY DRAINS |
| N/A | (Symbol) | GROUND CONTOURS |
| N/A | (Symbol) | WIND CONE |
| N/A | (Symbol) | ROTATING BEACON |
| N/A | (Symbol) | RUNWAY / TAXIWAY LIGHTING |
| N/A | (Symbol) | POWER POLE |
| N/A | (Symbol) | ANTENNA TOWER |
| N/A | (Symbol) | AIRPORT PROPERTY LINE |
| N/A | (Symbol) | PROPERTY ACQUISITION - FEE |
| N/A | (Symbol) | PROPERTY PARCELS |
| N/A | (Symbol) | SECTION LINES |
| N/A | (Symbol) | AVIGATION EASEMENT |
| N/A | (Symbol) | LAND RELEASE |
| N/A | (Symbol) | RUNWAYS, TAXIWAYS, PARKING TO BE REMOVED |
| N/A | (Symbol) | RUNWAY MARKINGS |
| N/A | (Symbol) | CENTERLINES |
| N/A | (Symbol) | RUNWAY PROTECTION ZONE |
| N/A | (Symbol) | RUNWAY SAFETY AREA |
| N/A | (Symbol) | OBJECT FREE AREA |
| N/A | (Symbol) | OBSTACLE FREE ZONE |
| N/A | (Symbol) | BUILDING RESTRICTION LINE |
| N/A | (Symbol) | APPROACH SURFACE |
| N/A | (Symbol) | TAXIWAY OBJECT FREE AREA |
| N/A | (Symbol) | RUNWAY VISIBILITY ZONE |



GENERAL NOTES:

- AIRPORT PROPERTY IS LOCATED WITHIN SECTIONS 7, 8, 9, 16, 17, AND 18 OF FILLMORE TOWNSHIP, ALLEGAN COUNTY, MICHIGAN (T.4N.15W) WITHIN THE CITY OF HOLLAND POLITICAL JURISDICTION.
- AERIAL PHOTOGRAPHY AND BASE INFORMATION PROVIDED BY WOOLPERT, LLP. DATE OF PHOTOGRAPHY: 5/5/09.
- AIRPORT PROPERTY LINE SURVEY PROVIDED BY NEDERVELD, INC. DATE OF SURVEY: 5/27/09.
- THE NORTH MAGNETIC DECLINATION WAS CALCULATED USING INFORMATION FOUND ON WWW.NGDC.NOAA.GOV/SEG/GEOMAG/DECLINATION. THESE CALCULATED FIGURES ARE BASED ON THE INTERNATIONAL GEOMAGNETIC REFERENCE FIELD MODEL, VERSION 10 (2005-2010). DECLINATION AND VARIANCE CALCULATED: 05/26/11.
- THE AIRPORT IS CLASSIFIED AS AN AIRPLANE DESIGN GROUP II; HOWEVER, SEVERAL TAXIWAYS ARE CONSTRUCTED USING AIRPLANE DESIGN GROUP III STANDARDS.
- CONTACT "MISS DIG" PRIOR TO ANY CONSTRUCTION TO DETERMINE THE LOCATION OF BELOW GROUND UTILITIES.
- MORE DETAILED EXISTING BUILDING INFORMATION IS SHOWN ON BUILDING AREA PLAN, SHEET 6.
- HEIGHT OF PERIMETER FENCE VARIES AND SHOULD BE CONFIRMED WITH AIRPORT SPONSOR REGARDING HEIGHTS AT SPECIFIC LOCATIONS.
- THE SYMBOLS SHOWN ARE SMALL DUE TO SCALE; HOWEVER, THEY ARE LEGIBLE IN THE ELECTRONIC FILE.
- ALL FUTURE HOLD LINES ARE OFFSET FROM THE RUNWAY 8/26 250' UNLESS OTHERWISE NOTED.
- THE EXISTING RUNWAY 26 AND FUTURE RUNWAY 8 APPROACH SURFACE SLOPE IS 50:1 FOR THE FIRST 10,000 FT. AND THEN 40:1 FOR THE FINAL 40,000 FT.



REVISIONS

| NO. | DATE | REMARKS | BY | CHK |
|-----|----------|---|-----|-----|
| 1 | 10/26/15 | ADDED PARCEL 37, UPDATED RWAY 8 RPZ | AEF | AEF |
| 2 | 2/22/17 | FM 03-07-C28 | GAM | AEF |
| 3 | 5/2/18 | ADDED FUTURE LAND RELEASE | AEF | AEF |
| 4 | 10/10/18 | EAST APRON TAXIWAY CONNECTOR | AEF | JET |
| 5 | 01/21 | PEN & INK CHANGE FOR PROPOSED HANGAR | AEF | JET |
| 6 | 8/21 | PEN & INK CHANGE PROPOSED CORPORATE HANGAR PARK | AEF | JET |
| 7 | 1/22 | ADDED LAND RELEASE PARCEL K | AEF | AEF |
| 8 | 3/26 | ADDED FUTURE SRE BUILDING AND TIE-DOWNS | AEF | JET |

WEST MICHIGAN REGIONAL AIRPORT
 HOLLAND, MI

AIRPORT LAYOUT PLAN
FUTURE AIRPORT LAYOUT PLAN

STATE ID. NO. --- MSH PROJECT NO. --- 08199-00-00001
 FEDERAL CONTRACT NO. --- 000
 STATE CONTRACT NO. --- B-26-0045-3006

DESIGNED: SAOW 5/11
 DRAWN: AEF 5/11
 CHECKED: SAOW 5/11

03-07

2655 PORT LANSING ROAD
 LANSING, MICHIGAN 48208
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Mead & Hunt

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March 15, 2009 - 10:07 Title City Airport ALP.dwg