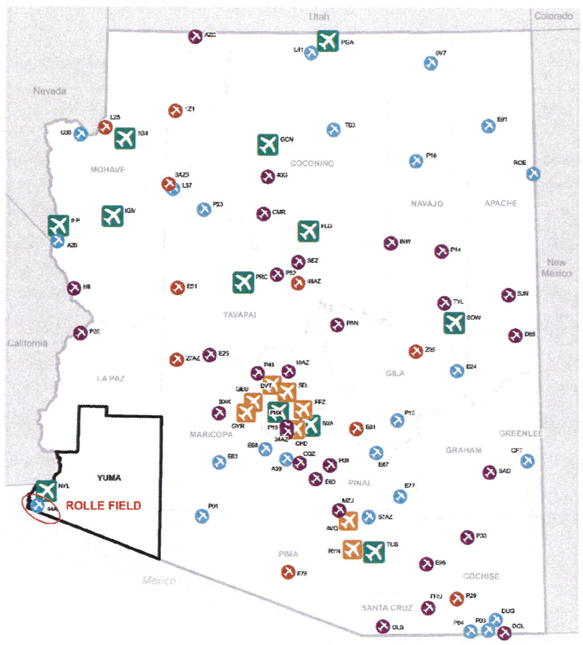
# AIRPORT LAYOUT PLAN

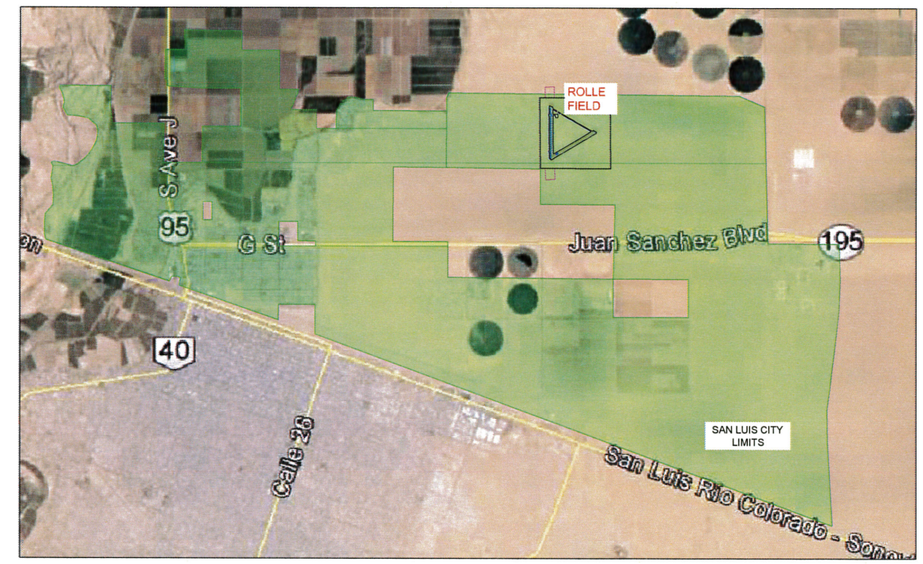
# ROLLE FIELD

## SAN LUIS, ARIZONA

PREPARED FOR
YUMA COUNTY AIRPORT
AUTHORITY
MAY, 2015




LOCATION MAP




VICINITY MAP

INDEX OF SHEETS


| SHEET TITLE | SHEET NO. | REVISION DATE |
|---|---|---|
| TITLE SHEET | 1 | |
| DATA SHEET | 2 | |
| AIRPORT LAYOUT PLAN | 3 | |
| AIRPORT AIRSPACE DRAWING | 4 | |
| INNER APPROACH SURFACE DRAWING RWY 17 | 5 | |
| INNER APPROACH SURFACE DRAWING RW 35 | 6 | |
| TERMINAL AREA DRAWING | 7 | |
| LAND USE DRAWING | 8 | |
| EXHIBIT "A" - AIRPORT PROPERTY MAP | 9 | |
| PUBLIC AIRPORT DISCLOSURE MAP | 10 | |


ADOT APPROVAL

MICHAEL KLEIN
NAME

SIGNATURE

AERONAUTICS GROUP MANAGER
TITLE

May 5, 2015
DATE

SPONSOR APPROVAL

GLADYS WIGGINS
NAME

SIGNATURE

AIRPORT DIRECTOR
TITLE

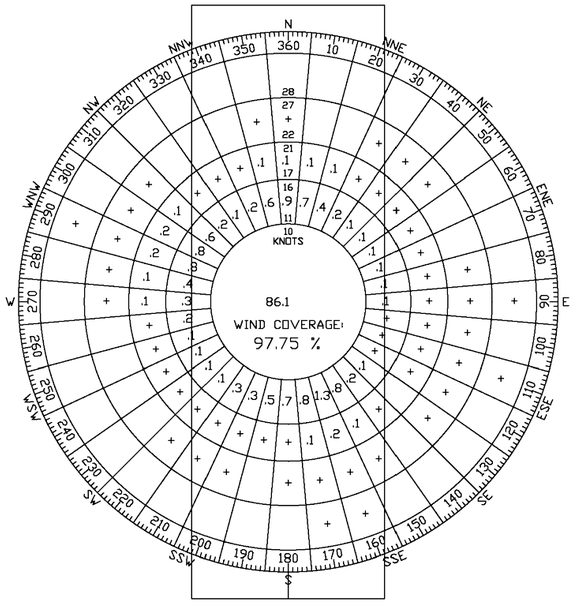
May 5, 2015
DATE

REVISIONS

| NO. | DESCRIPTION | DATE | BY |
|---|---|---|---|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

MORRISON MAIERLE, INC.
An Employee-Owned Company

RUNWAY 17




RUNWAY 35

ROLLE FIELD ALL - WEATHER
WIND ROSE COVERAGE

| WIND COVERAGE | | |
|---|---|---|
| RUNWAY | 12 MPH (10.5 KNTS) | 15 MPH (13 KNTS) |
| 17–35 | 95.99% | 97.75% |
| | | |

SOURCE: HISTORICAL DATA COLLECTED AT YUMA INTERNATIONAL AIRPORT BETWEEN 2008 AND 2012.

## RUNWAY DATA

| | | RUNWAY 17-35 | | | |
|---|---|---|---|---|---|
| | | EXISTING | | ULTIMATE | |
| RUNWAY DESIGN CODE (RDC) | | 17 | B / I (S) / VIS | 17 | B / II / VIS |
| | | 35 | B / I (S) / VIS | 35 | B / II / VIS |
| APPROACH REFERENCE CODE (APRC) | | 17 | B / I (S) / VIS | 17 | B / II / VIS |
| | | 35 | B / I (S) / VIS | 35 | B / II / VIS |
| DEPARTURE REFERENCE CODE (DRRC) | | 17 | B / I (S) | 17 | B / II |
| | | 35 | B / I (S) | 35 | B / II |
| CRITICAL AIRCRAFT | AIRCRAFT | Cessna 182 | | Beech Super King Air 200 | |
| | WINGSPAN | 36.1' | | 54.5' | |
| | UNDERCARRIAGE WIDTH | 9.0' | | 17.17' | |
| | APPROACH SPEED | 92 kts | | 100 kts | |
| | MAX. TAKEOFF WT. (lbs.) | 2,800 | | 12,500 | |
| PAVEMENT STRENGTH & MATERIAL TYPE | TYPE | ASPHALT | | ASPHALT | |
| | STRENGTH (1,000#) S/D/DT | 8 / - / - | | 12.5 / 30 / - | |
| | STRENGTH PCN | 8 | | 12.5 | |
| | SURFACE TREATMENT | NONE | | NONE | |
| EFFECTIVE RUNWAY GRADIENT AND MAXIMUM GRADE | EFFECTIVE GRADIENT % | 0.01% | | 0.01% | |
| | MAXIMUM GRADE % | 0.01% | | 0.01% | |
| | MEETS LINE OF SIGHT | YES | | YES | |
| PERCENT WIND COVERAGE (ALL WEATHER) | A-I & B-I 10.5 KNOTS | 95.99% | | 95.99% | |
| | A-II & B-II 13 KNOTS | 97.75% | | 97.75% | |
| RUNWAY LENGTH AND WIDTH | RUNWAY LENGTH | 2,800' | | 4,520' | |
| | RUNWAY WIDTH | 60' | | 75' | |
| RUNWAY SAFETY AREA (RSA) - LENGTH BEYOND RUNWAY END | ACTUAL AND ULTIMATE | 17 | 240' | 17 | 300' |
| | | 35 | 240' | 35 | 300' |
| RUNWAY SAFETY AREA WIDTH | | 120' | | 150' | |
| RUNWAY TRUE BEARING | | N 0°7' 58.11" W | | | |
| RUNWAY 17 END COORDINATES | LATITUDE | 32°31' 12.52" N | | 32°31'20.97" N | |
| | LONGITUDE | 114°41' 54.38" W | | 114°41' 54.39" W | |
| RUNWAY 35 END COORDINATES | LATITUDE | 32°30' 44.81" N | | 32°30' 36.25" N | |
| | LONGITUDE | 114°41' 53.98" W | | 114°41' 53.82" W | |
| RUNWAY LIGHTING TYPE | | None | | MEDIUM INTENSITY | |
| RUNWAY PROTECTION ZONE (RPZ) DIMENSIONS | | 17 | 1000 X 250 X 450 | 17 | 1000 X 500 X 700 |
| | | 35 | 1000 X 250 X 450 | 35 | 1000 X 500 X 700 |
| RUNWAY MARKING TYPE | | 17 | VISUAL | 17 | NON-PRECISION |
| | | 35 | VISUAL | 35 | NON-PRECISION |
| 14 CFR PART 77 APPROACH CATEGORY | | 17 | 20:1 | 17 | 20:1 |
| | | 35 | 20:1 | 35 | 20:1 |
| 14 CFR PART 77 APPROACH TYPES | | 17 | VISUAL | 17 | VISUAL |
| | | 35 | VISUAL | 35 | VISUAL |
| VISIBILITY MINIMUMS | | 17 | > 1 MI. | 17 | > 1 MI. |
| | | 35 | > 1 MI. | 35 | > 1 MI. |
| TYPE OF AERONAUTICAL SURVEY REQUIRED FOR APPROACH (VGS OR NVGS***) | | 17 | NVGS* | 17 | NVGS* |
| | | 35 | NVGS* | 35 | NVGS* |
| 40:1 RUNWAY DEPARTURE SURFACE | | 17 | N/A | 17 | N/A |
| | | 35 | N/A | 35 | N/A |
| RUNWAY OBJECT FREE AREA (ROFA) - LENGTH BEYOND RUNWAY END | | 17 | 240' | 17 | 300' |
| | | 35 | 240' | 35 | 300' |
| OBJECT FREE AREA WIDTH | | 400' | | 500' | |
| RUNWAY OBSTACLE FREE ZONE (ROFZ) - LENGTH BEYOND RUNWAY END | | 17 | 200' | 17 | 200' |
| | | 35 | 200' | 35 | 200' |
| OBSTACLE FREE ZONE WIDTH | | 250' | | 400' | |
| THRESHOLD SITING SURFACE (TSS) - NO TSS PENETRATIONS | TSS APPROACH SURFACES | 17 | 20:1 | 17 | 20:1 |
| | | 35 | 20:1 | 35 | 20:1 |
| | TSS DEPARTURE SURFACES | 17 | 20:1 | 17 | 20:1 |
| | | 35 | 20:1 | 35 | 20:1 |
| VISUAL AND INSTRUMENT NAVAIDS | INSTRUMENT NAVAIDS | 17 | NONE | 17 | RNAV (GPS) CIRCLING |
| | | 35 | NONE | 35 | NONE |
| | VISUAL AIDS | 17 | NONE | 17 | PAPI-2 |
| | | 35 | NONE | 35 | PAPI-2 |
| RUNWAY END ELEVATIONS | | 17 | 164.00' | 17 | 163.91 |
| | | 35 | 164.05' | 35 | 164.14 |
| RUNWAY TOUCHDOWN ZONE ELEVATIONS (TDZE) | | 17 | - | 17 | - |
| | | 35 | - | 35 | - |
| RUNWAY HIGH POINT | | 166.83' | | 166.83' | |
| RUNWAY LOW POINT | | 163.97' | | 163.91' | |
| DISTANCE from RWY. CL to PARALLEL TWY. CL | | - | | 240' | |
| DISTANCE from RWY. CL to PARKED AIRCRAFT | | 344' | | 370' | |

TAXIWAY DATA - SEE TAXIWAY DATA TABLE FOR TAXIWAY DESIGN GROUP AND DESIGN CRITERIA

* -NVGS SURVEYS MUST BE SUPPLEMENTED WITH THE FIRST 10,200 FEET OF THE VGS FOR CIRCLING AND NON-PERCISION INSTRUMENT APPROACHES

## AIRPORT DATA

| | EXISTING | ULTIMATE |
|---|---|---|
| AIRPORT REFERENCE CODE (ARC) | B / I (S) | B / II |
| MEAN MAX TEMP. (July) | 107° F | 107° F |
| AIRPORT ELEVATION (NAVD 88) | 166.4' ABOVE MSL | 166.4' ABOVE MSL |
| AIRPORT AND TERMINAL NAVIGATIONAL AIDS* | NONE | RNAV (GPS), PAPI-2 |
| AIRPORT REFERENCE POINT (NAD 83) Latitude | 32° 30' 58.56" | 32° 30' 58.56" |
| Longitude | 114° 41' 64.15" | 114° 41' 64.15" |
| MISCELLANEOUS FACILITIES | Segmented Circle and Wind Cone | MIRL, MITL, Lighted Wind Cone |
| CRITICAL AIRCRAFT (C-II EXISTING & ULTIMATE) | CESSNA 182 | BEECH SUPER KING AIR 200 |
| AIRPORT MAGNETIC VARIATION, WMM 2010 NOAA WEBSITE | OCTOBER 20, 2014 11° 12' E | Changing by .1 minutes West per year. |
| NPIAS SERVICE LEVEL | NONE | GA |
| AZ STATE SYSTEMS PLAN SERVICE ROLE | GA Community | GA Community |

## TAXIWAY DATA

| | T/W A | | T/W A1 | | T/W A2, A3, A4 | |
|---|---|---|---|---|---|---|
| | EXISTING | ULTIMATE | EXISTING | ULTIMATE | EXISTING | ULTIMATE |
| WIDTH | - | 35' | 35' | 35' | - | 35' |
| AIRCRAFT DESIGN GROUP | - | B-II | B-II | B-II | - | B-II |
| T/W DESIGN GROUP (TDG) | - | 2 | 2 | 2 | - | 2 |
| PAVEMENT STRENGTH | - | 12.5k SWL | 8k SWL | 12.5k SWL | - | 12.5k SWL |
| TAXIWAY EDGE SAFETY MARGIN | - | 7.5' | 7.5' | 7.5' | - | 7.5' |
| TAXIWAY SHOULDER WIDTH | - | 15' | 15' | 15' | - | 15' |
| T/W SAFETY AREA WIDTH | - | 79' | 49' | 79' | - | 79' |
| T/W OBJECT FREE AREA WIDTH | - | 131' | 89' | 131' | - | 131' |
| FIXED OR MOVABLE OBJECT | - | 57.5' | 39.5' | 57.5' | - | 57.5' |
| T/W LIGHTING | - | MITL | - | MITL | - | MITL |

## MODIFICATION TO STANDARDS

NONE REQUIRED

## DECLARED DISTANCES RUNWAY 1-19

| DESCRIPTION | EXISTING | | ULTIMATE | |
|---|---|---|---|---|
| | RW 17 | RW 35 | RW 17 | RW 35 |
| TORA | 2,800 | 2,800 | 4,520 | 4,520 |
| TODA | 2,800 | 2,800 | 4,520 | 4,520 |
| ASDA | 2,800 | 2,800 | 4,520 | 4,520 |
| LDA | 2,800 | 2,800 | 4,520 | 4,520 |

TORA - TAKEOFF RUN AVAILABLE
TODA - TAKEOFF DISTANCE AVAILABLE
ASDA - ACCELERATE-STOP DISTANCE AVAILABLE
LDA - LANDING DISTANCE AVAILABLE


MORRISON MAIERLE, INC.
Aviation Engineers Planners Surveyors
1275 West Washington Street
Suite 108
Tempe, AZ 85281
Phone: (602) 273-2900
Fax: (602) 273-2901


| NO. | REVISIONS / SUBMISSIONS | DATE |
|---|---|---|
| | | |

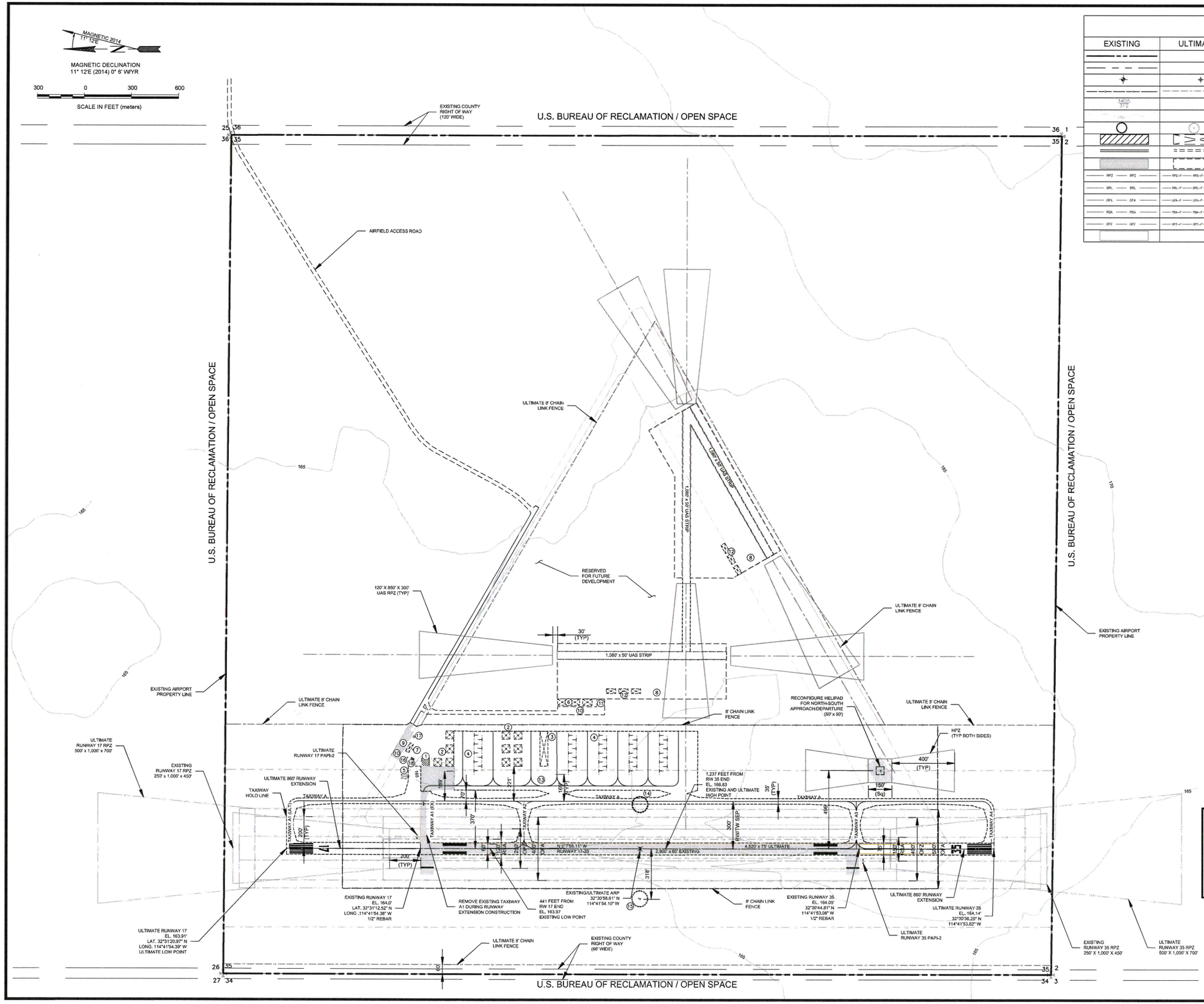
ROLLE FIELD
YUMA COUNTY AIRPORT AUTHORITY
SAN LUIS, ARIZONA
AIRPORT LAYOUT PLAN

Designed by: JHM
Drawn by: PVD
Approved by: JHM
Date: 10/2014
MMI Project No.: 8788.001

AIRPORT LAYOUT PLAN

**AIRPORT DATA**

SHEET REFERENCE NUMBER:
**2**




## LEGEND

| EXISTING | ULTIMATE | |
|---|---|---|
| | | AIRPORT PROPERTY LINE |
| | | COUNTY RIGHT OF WAY |
| | | AIRPORT REFERENCE POINT |
| | | SECURITY FENCE |
| | | SECTION CORNER |
| | | GROUND CONTOURS |
| | | SEGMENTED CIRCLE |
| | | BUILDING |
| | | ROAD |
| | | AIRCRAFT PAVEMENT |
| RPZ | RPZ | RUNWAY PROTECTION ZONE (RPZ) |
| BRL | BRL | BUILDING RESTRICTION LINE (BRL) |
| OFA | OFA | OBJECT FREE AREA (OFA) |
| RSA | RSA | RUNWAY SAFETY AREA (RSA) |
| OFZ | OFZ | OBSTACLE FREE ZONE (OFZ) |
| | | DETERIORATED PAVEMENT |

## BUILDING TABLE

| | |
|---|---|
| 1 | HANGAR |
| 2 | HANGAR (FUTURE) |
| 3 | 10 UNIT T-HANGAR (FUTURE) |
| 4 | TIE DOWN AREA (FUTURE) |
| 5 | FUEL FACILITY(FUTURE) |
| 6 | UAS HANGAR (FUTURE) |
| 7 | BEACON (FUTURE) |
| 8 | UAS LAUNCH/RECOVERY AREA (FUTURE) |
| 9 | ADMINSTRATION/TERMINAL BUILDING (FUTURE) |
| 10 | AUTOMOBILE PARKING |
| 11 | TRUCK PARKING (FUTURE) |
| 12 | UAS SHADE STRUCTURE |
| 13 | APRON (FUTURE) |
| 14 | SEG. CIRCLE AND WIND CONE |
| 15 | SEG. CIRCLE AND WIND CONE (FUTURE) |
| 16 | EXISTING WELL |
| 17 | EXISTING GENERATOR |
| 18 | ELECTRICAL VAULT (FUTURE) |

ADOT APPROVAL

Michael Klein
NAME

SIGNATURE

Aeronautics Group Manager
TITLE

May 5, 2015
DATE

The contents of this plan do not necessarily reflect the official views or policy of ADOT. Acceptance of this document by ADOT does not in any way constitute a commitment on the part of the State of Arizona to participate in any development depicted herein nor does it indicate that the proposed development is environmentally acceptable in accordance with appropriate public laws.

MORRISON MAIERLE, INC.
Engineers Surveyors Scientists Planners
1275 West Washington Street
Suite 101
Tempe, Az 85281
Phone: (602) 273-2900
Fax: (602) 273-2901

| NO. | REVISIONS / SUBMISSIONS | DATE |
|---|---|---|

# ROLLE FIELD
YUMA COUNTY AIRPORT AUTHORITY
SAN LUIS, ARIZONA
AIRPORT LAYOUT PLAN

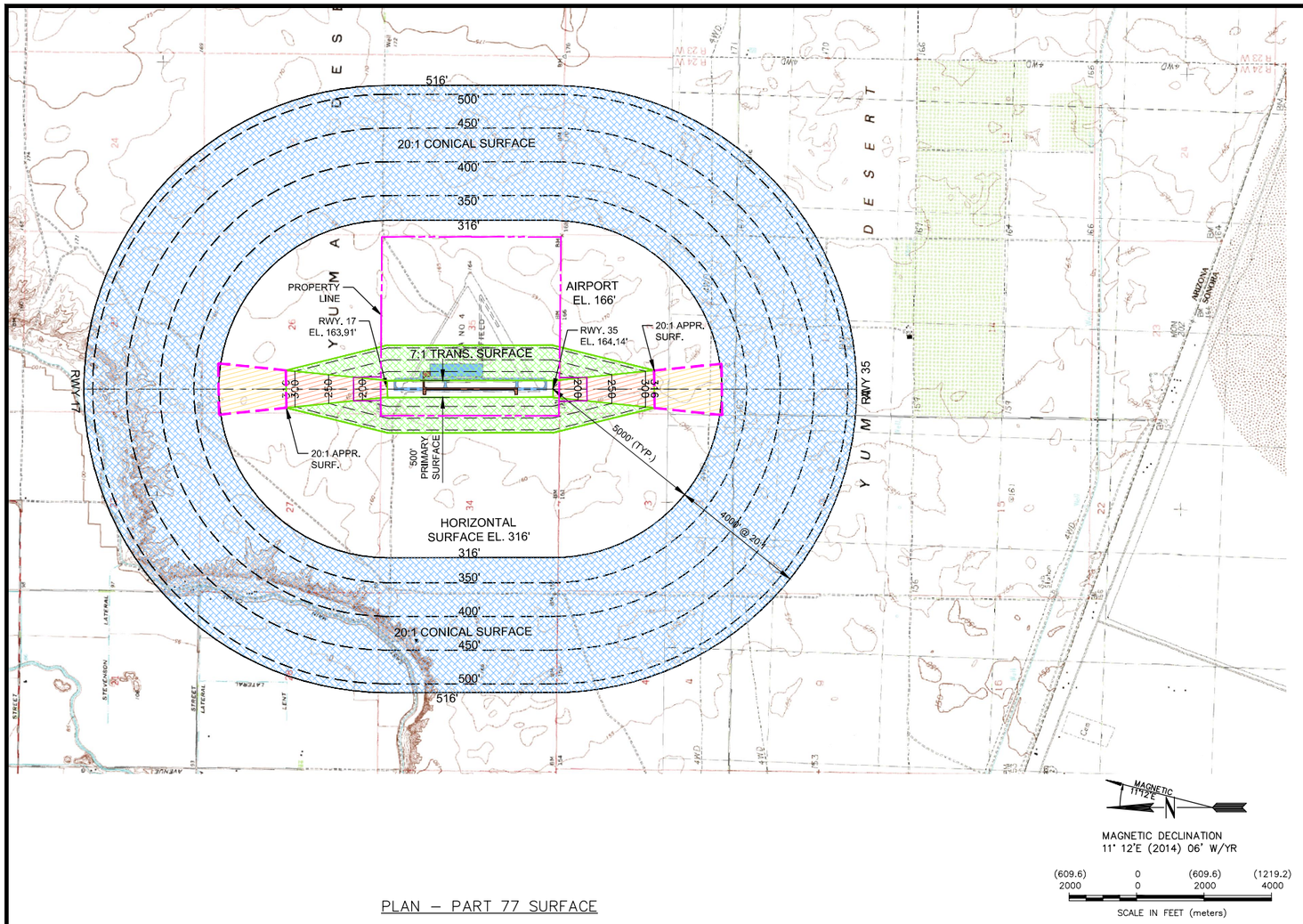
| | |
|---|---|
| Designed by: | INITIALS |
| Drawn by: | pvd |
| Approved by: | INITIALS |
| Date: | 10/2014 |
| MMI Project No.: | 8788.001 |

AIRPORT LAYOUT PLAN

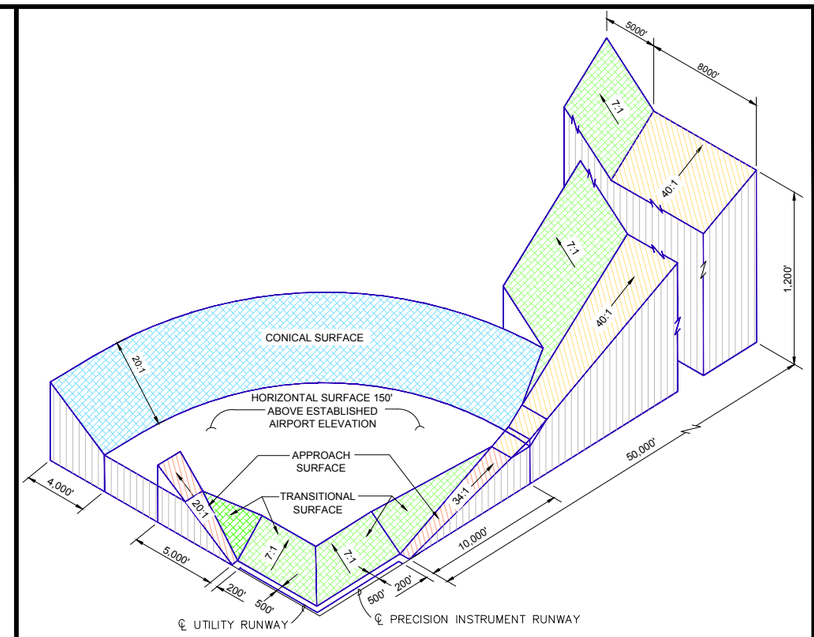
**AIRPORT LAYOUT PLAN**

SHEET REFERENCE NUMBER:
**3**

SHEET 3 OF 10




PLAN – PART 77 SURFACE




TYPICAL CIVIL AIRPORT IMAGINARY SURFACES

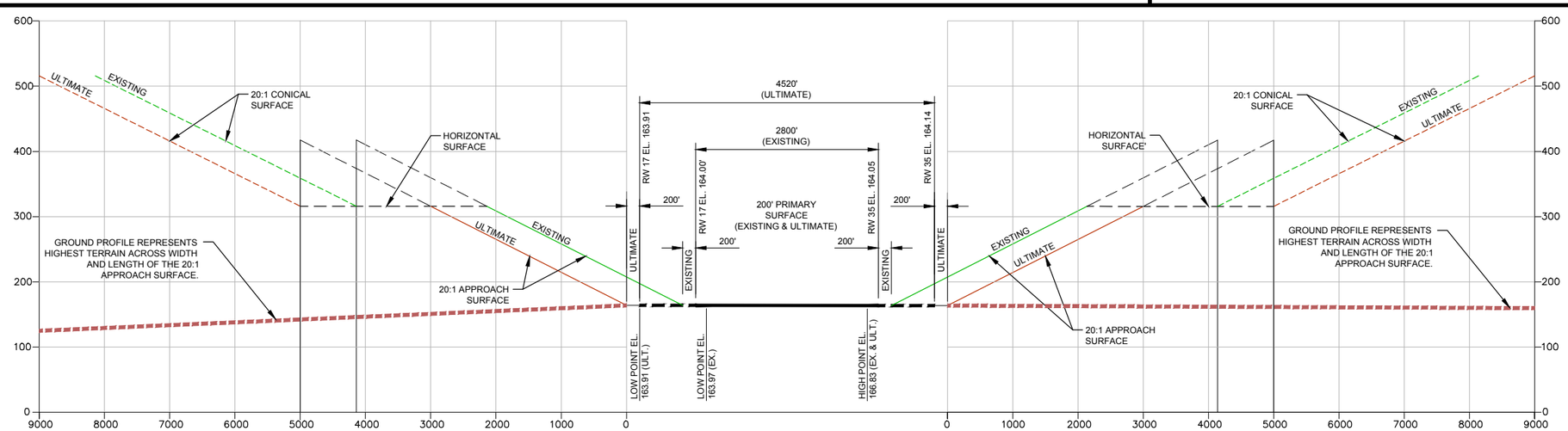
NTS

| PROFILE - OBSTRUCTIONS | | | | | | |
|---|---|---|---|---|---|---|
| NO. | DESCRIPTION | PART 77 SURFACE PENETRATION | ELEVATION | PENETRATION(±) EXISTING | PENETRATION(±) ULTIMATE | DISPOSITION |
| | | | | | | |
| | | | | | | |

* NO OBSTRUCTIONS IDENTIFIED FOR RUNWAY 17-35

NOTES

1. FIFTEEN FEET ADDED TO NON INTERSTATE ROAD ELEVATIONS, SEVENTEEN FEET ADDED TO INTERSTATE ROAD ELEVATIONS. TWENTY-THREE FEET ADDED TO RAILROAD TRACK ELEVATIONS. TRANSITIONAL SURFACE SLOPES ARE 7:1 UNLESS OTHERWISE INDICATED. OBSTRUCTING AREA LIMITS ARE APPROXIMATE.
2. FOR CLOSE-IN OBSTRUCTIONS IN THE APPROACH AREAS, REFER TO THE OBSTRUCTION TABLES ON THE INNER PORTION OF THE APPROACH SURFACE DRAWING.
3. THE PRIMARY, APPROACH, TRANSITIONAL, HORIZONTAL, AND CONICAL SURFACES ARE PROTECTED BY ZONING.
4. OBSTRUCTIONS, CLEARANCES, AND LOCATIONS ARE CALCULATED FROM ULTIMATE RUNWAY END ELEVATIONS AND ULTIMATE APPROACH SURFACES, UNLESS
5. DEPICTION OF FEATURES AND OBJECTS WITHIN THE OUTER PORTION OF THE APPROACH SURFACES, ARE ILLUSTRATED ON THE APPROACH PROFILES.
6. DEPICTION OF FEATURES AND OBJECTS WITHIN THE INNER PORTION OF THE APPROACH SURFACES, ARE ILLUSTRATED ON THE RUNWAY APPROACH ZONES.
7. EXISTING AND FUTURE HEIGHT AND HAZARD ORDNANCES ARE TO BE AMENDED AND/OR REFERENCED UPON APPROVAL OF UPDATED PART 77 AIRSPACE PLAN.




PROFILE – RUNWAY 17–35

HORIZONTAL 1"=1000'
VERTICAL 1"=100'


MORRISON MAIERLE, INC.
An Engineering-Based Company
Engineers Surveyors Geospatial Professionals
1275 West Washington Street
Suite 108
Tempe, AZ 85281
Phone: (602) 273-2900
Fax: (602) 273-2901


| NO. | REVISIONS / SUBMISSIONS | DATE |
|---|---|---|
| | | |

# ROLLE FIELD
YUMA COUNTY AIRPORT AUTHORITY
SAN LUIS, ARIZONA
AIRPORT LAYOUT PLAN

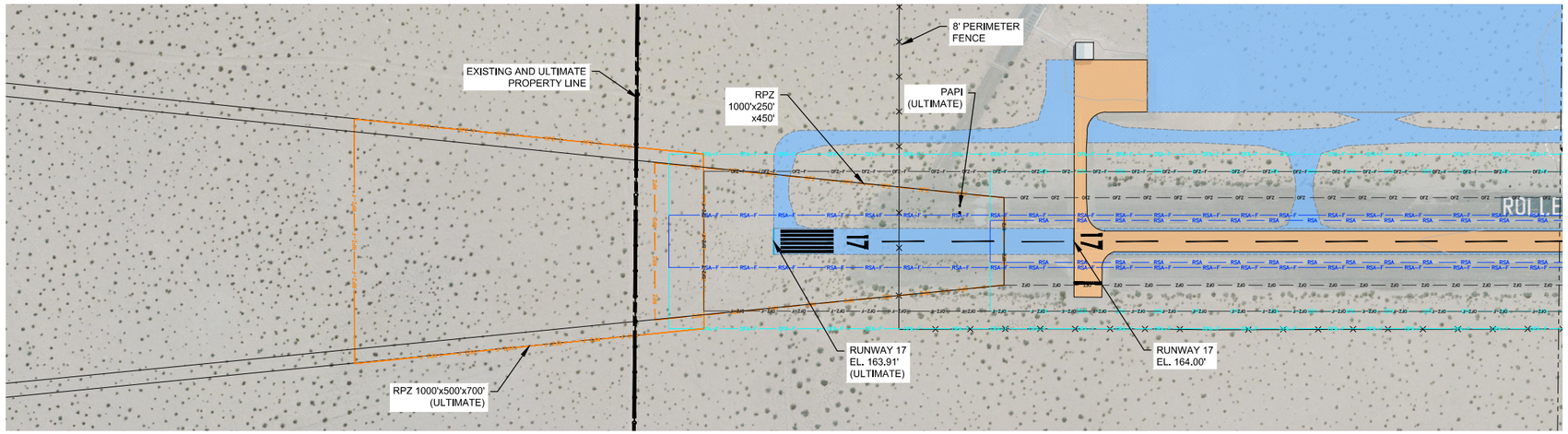
| | |
|---|---|
| Designed by: | INITIALS |
| Drawn by: | pvd |
| Approved by: | INITIALS |
| Date: | 10/2014 |
| MMI Project No.: | 8788.001 |

AIRPORT LAYOUT PLAN

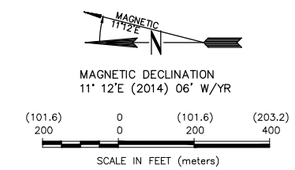
**AIRPORT AIRSPACE DRAWING**

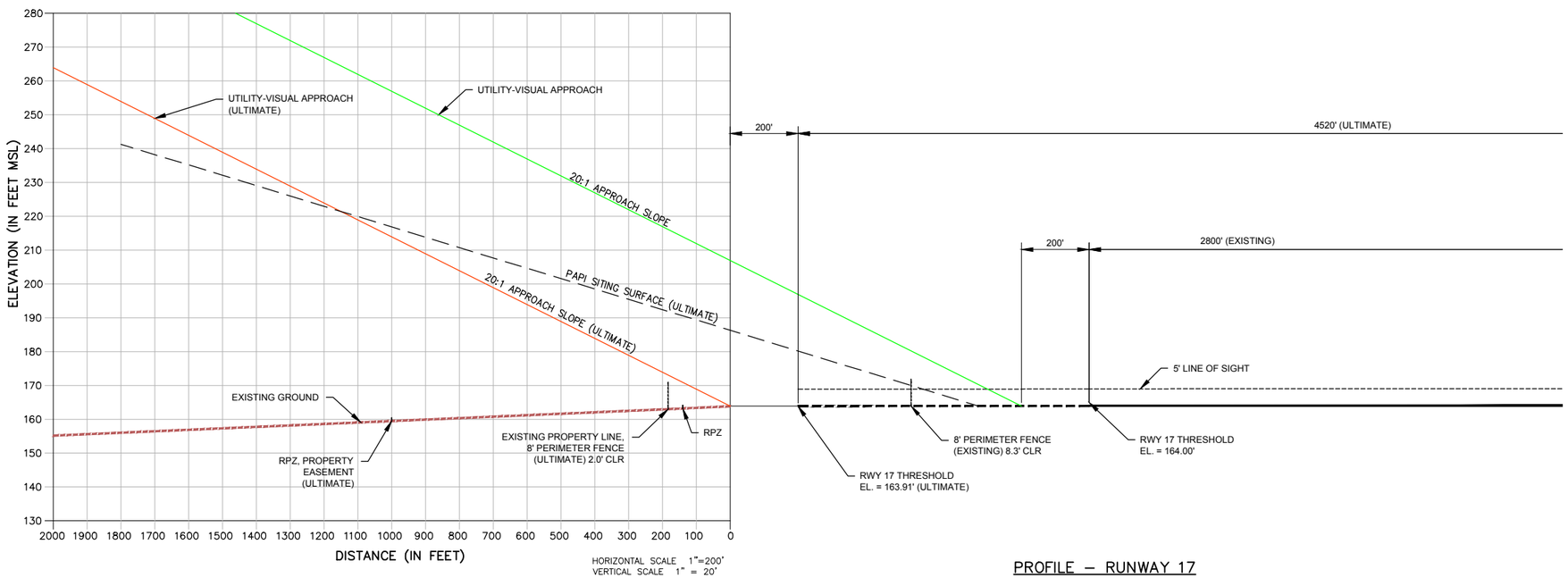
SHEET REFERENCE NUMBER:

**4**




PLAN – RUNWAY 17




PROFILE – RUNWAY 17

| PROFILE RW 17 - OBSTRUCTIONS * | | | | | | |
|---|---|---|---|---|---|---|
| NO. | DESCRIPTION | PART 77 SURFACE PENETRATION | ELEVATION | PENETRATION(±) | | DISPOSITION |
| | | | | EXISTING 20:1 | ULTIMATE 20:1 | |
| | | | | | | |
| | | | | | | |

* NO OBSTRUCTIONS IDENTIFIED FOR RUNWAY 17. (SURVEYED 8/29/2013)

| ROAD AND APPROACH ELEVATIONS IN RPZ | | | | | | | |
|---|---|---|---|---|---|---|---|
| RUNWAY 17 | | | | | | | |
| EXISTING | | | | ULTIMATE | | | |
| | ROAD | APP | VERT. CLEAR. | | ROAD | APP | VERT. CLEAR. |
| | | | | | | | |
| | | | | | | | |

NOTE: ADDED 15' TO HIGHWAY AND 17' INTERSTATE ELEVATIONS.

| LEGEND | | |
|---|---|---|
| EXISTING | ULTIMATE | |
| | | AIRPORT PROPERTY LINE |
| | | FENCE |
| | | AIRCRAFT PAVEMENT |
| RPZ | RPZ | RUNWAY PROTECTION ZONE (RPZ) |
| OFA | OFA | OBJECT FREE AREA (OFA) |
| RSA | RSA | RUNWAY SAFETY AREA (RSA) |
| OFZ | OFZ | OBSTACLE FREE ZONE (OFZ) |

MORRISON MAIERLE, INC.
An Engineering-Based Company
Engineers Surveyors Scientists Planners
1275 West Washington Street
Suite 108
Tempe, AZ 85281
Phone: (602) 273-2900
Fax: (602) 273-2901

| NO. | REVISIONS / SUBMISSIONS | DATE |
|---|---|---|
| | | |

# ROLLE FIELD
## YUMA COUNTY AIRPORT AUTHORITY
SAN LUIS, ARIZONA
## AIRPORT LAYOUT PLAN

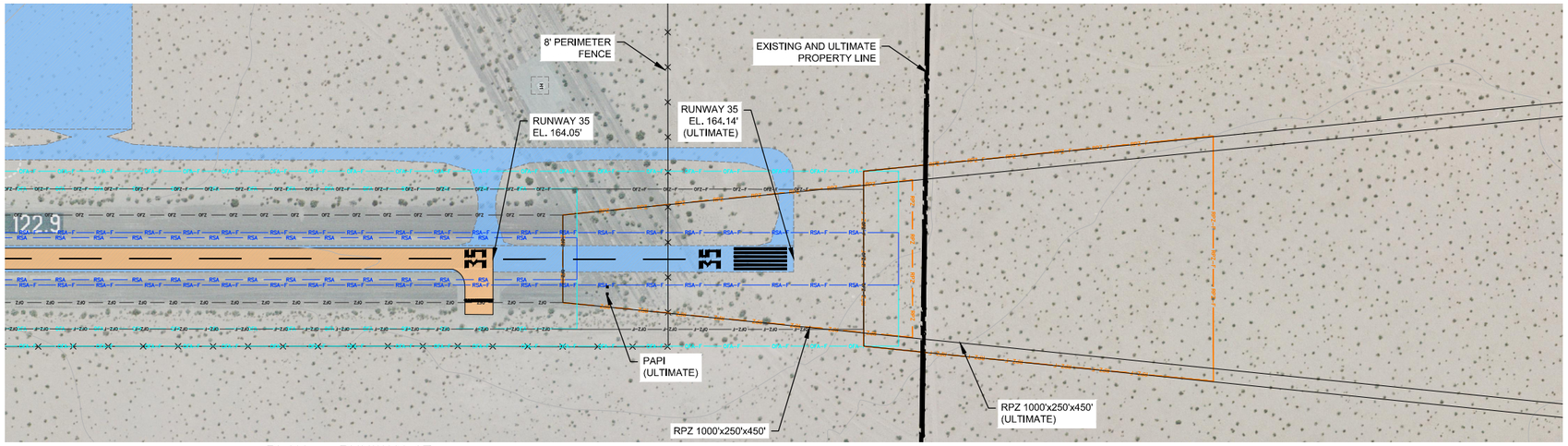
| | | |
|---|---|---|
| Designed by: | INITIALS | |
| Drawn by: | pvd | |
| Approved by: | INITIALS | |
| Date: | 10/2014 | |
| MMI Project No.: | 8788.001 | |

AIRPORT LAYOUT PLAN

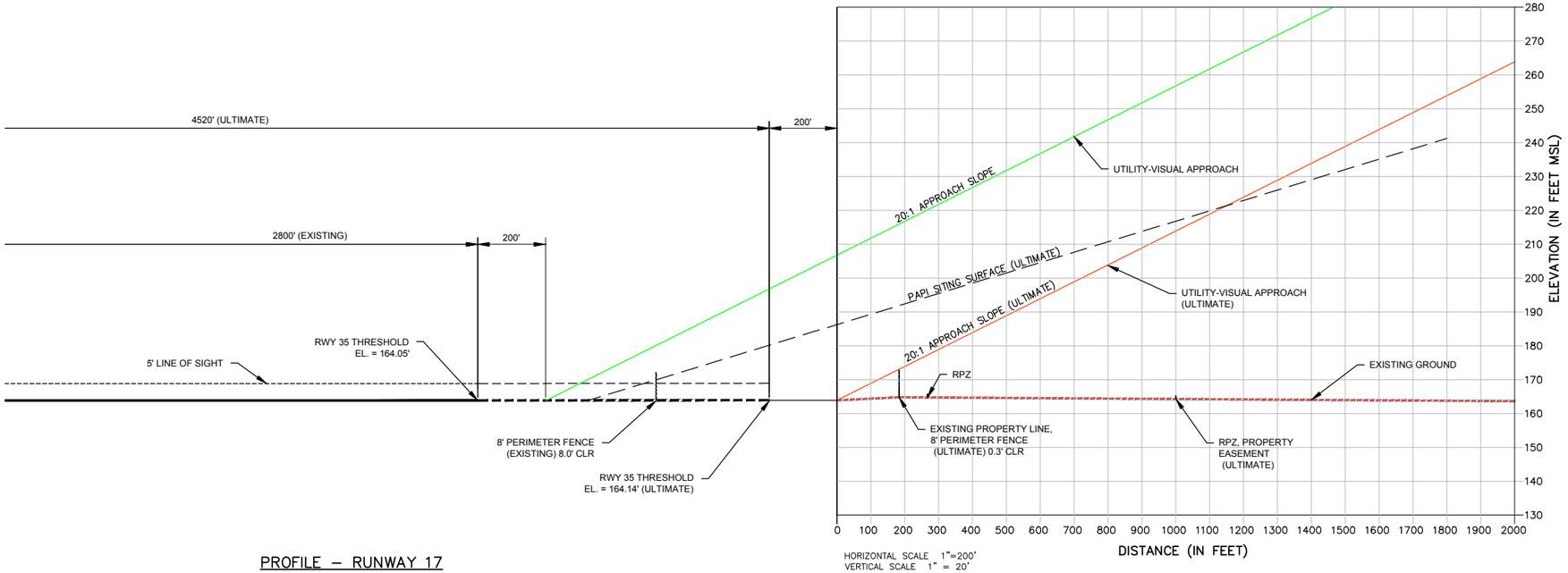
**INNER APPROACH SURFACE DRAWING RUNWAY 17 END**

SHEET REFERENCE NUMBER:

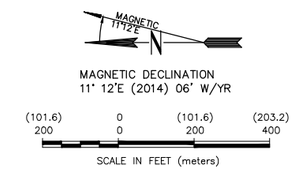
**5**




PLAN – RUNWAY 17




PROFILE – RUNWAY 17




| PROFILE RW 35 - OBSTRUCTIONS | | | | | | |
|---|---|---|---|---|---|---|
| NO. | DESCRIPTION | PART 77 SURFACE PENETRATION | ELEVATION | PENETRATION(±) EXISTING 20:1 | PENETRATION(±) ULTIMATE 20:1 | DISPOSITION |
| | | | | | | |
| | | | | | | |

* NO OBSTRUCTIONS IDENTIFIED FOR RUNWAY 35. (SURVEYED 8/20/2013)

| ROAD AND APPROACH ELEVATIONS IN RPZ | | | | | | |
|---|---|---|---|---|---|---|
| RUNWAY 35 | | | | | | |
| EXISTING | | | ULTIMATE | | | |
| | ROAD | APP | VERT. CLEAR. | ROAD | APP | VERT. CLEAR. |
| | | | | | | |
| | | | | | | |

NOTE: ADDED 15' TO HIGHWAY AND 17' INTERSTATE ELEVATIONS.

| LEGEND | | |
|---|---|---|
| EXISTING | ULTIMATE | |
| | | AIRPORT PROPERTY LINE |
| | | FENCE |
| | | AIRCRAFT PAVEMENT |
| RPZ | RPZ | RUNWAY PROTECTION ZONE (RPZ) |
| OFA | OFA | OBJECT FREE AREA (OFA) |
| RSA | RSA | RUNWAY SAFETY AREA (RSA) |
| OFZ | OFZ | OBSTACLE FREE ZONE (OFZ) |

MORRISON MAIERLE, INC.
An Engineering-Planning Company
Engineers Surveyors Scientists Planners
1275 West Washington Street
Suite 108
Tempe, AZ 85281
Phone: (602) 273-2900
Fax: (602) 273-2901

| NO. | REVISIONS / SUBMISSIONS | DATE |
|---|---|---|
| | | |

# ROLLE FIELD
YUMA COUNTY AIRPORT AUTHORITY
SAN LUIS, ARIZONA
AIRPORT LAYOUT PLAN

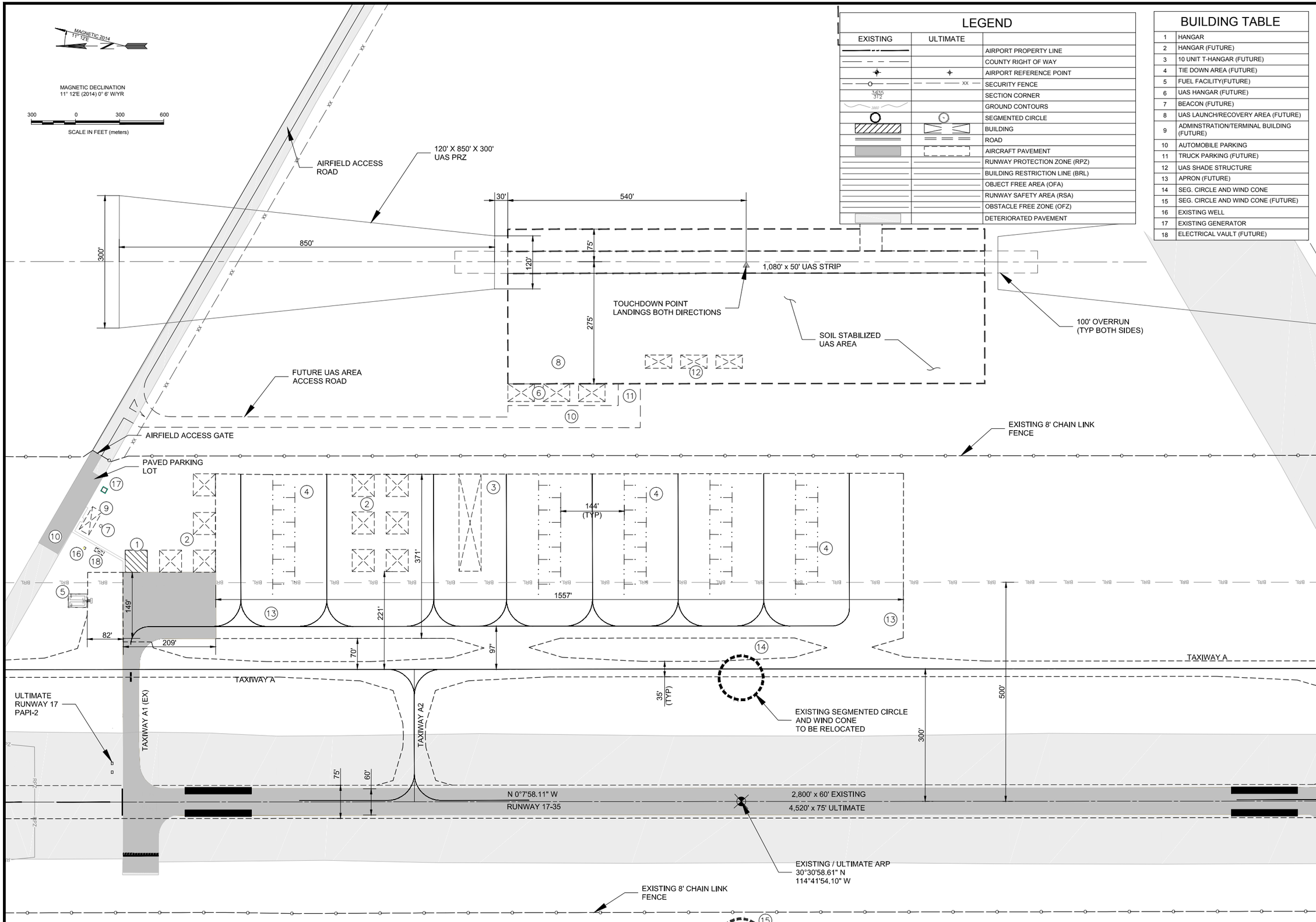
| | |
|---|---|
| Designed by: | INITIALS |
| Drawn by: | pvd |
| Approved by: | INITIALS |
| Date: | 10/2014 |
| MMI Project No.: | 8788.001 |

AIRPORT LAYOUT PLAN

**INNER APPROACH SURFACE DRAWING RUNWAY 35 END**

SHEET REFERENCE NUMBER:

**6**




## LEGEND

| EXISTING | ULTIMATE | |
|---|---|---|
| | | AIRPORT PROPERTY LINE |
| | | COUNTY RIGHT OF WAY |
| | | AIRPORT REFERENCE POINT |
| | XX | SECURITY FENCE |
| 34\35 312 | | SECTION CORNER |
| 3880 | | GROUND CONTOURS |
| | | SEGMENTED CIRCLE |
| | | BUILDING |
| | | ROAD |
| | | AIRCRAFT PAVEMENT |
| | | RUNWAY PROTECTION ZONE (RPZ) |
| | | BUILDING RESTRICTION LINE (BRL) |
| | | OBJECT FREE AREA (OFA) |
| | | RUNWAY SAFETY AREA (RSA) |
| | | OBSTACLE FREE ZONE (OFZ) |
| | | DETERIORATED PAVEMENT |

## BUILDING TABLE

| | |
|---|---|
| 1 | HANGAR |
| 2 | HANGAR (FUTURE) |
| 3 | 10 UNIT T-HANGAR (FUTURE) |
| 4 | TIE DOWN AREA (FUTURE) |
| 5 | FUEL FACILITY(FUTURE) |
| 6 | UAS HANGAR (FUTURE) |
| 7 | BEACON (FUTURE) |
| 8 | UAS LAUNCH/RECOVERY AREA (FUTURE) |
| 9 | ADMINSTRATION/TERMINAL BUILDING (FUTURE) |
| 10 | AUTOMOBILE PARKING |
| 11 | TRUCK PARKING (FUTURE) |
| 12 | UAS SHADE STRUCTURE |
| 13 | APRON (FUTURE) |
| 14 | SEG. CIRCLE AND WIND CONE |
| 15 | SEG. CIRCLE AND WIND CONE (FUTURE) |
| 16 | EXISTING WELL |
| 17 | EXISTING GENERATOR |
| 18 | ELECTRICAL VAULT (FUTURE) |


MORRISON MAIERLE, INC.
An Engineering-Based Company
Engineers Surveyors Scientists Planners
1275 West Washington Street
Suite 108
Tempe, AZ 85281
Phone: (602) 273-2900
Fax: (602) 273-2901


| NO. | REVISIONS / SUBMISSIONS | DATE |
|---|---|---|
| | | |

# ROLLE FIELD
YUMA COUNTY AIRPORT AUTHORITY
SAN LUIS, ARIZONA
AIRPORT LAYOUT PLAN

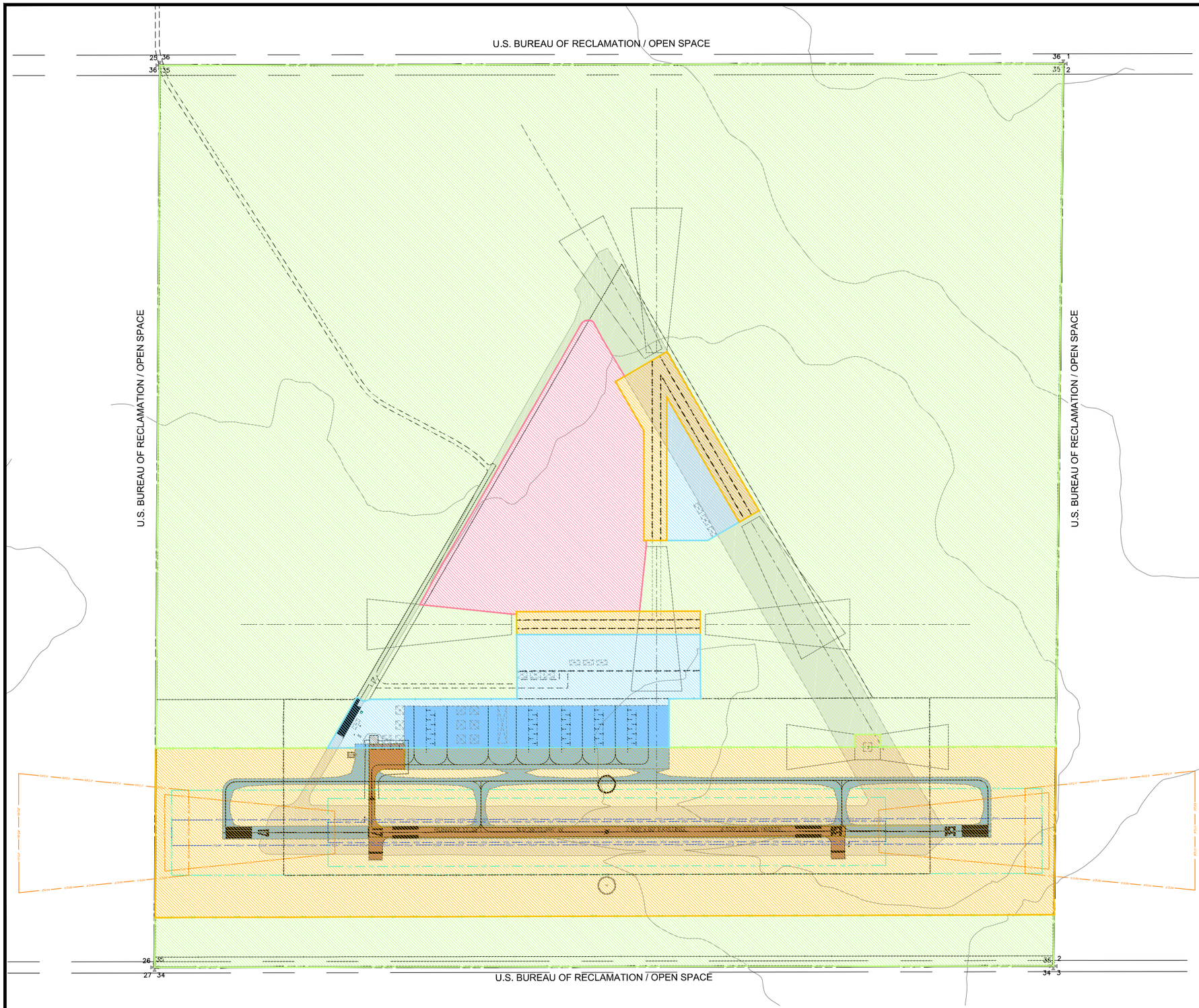
| | |
|---|---|
| Designed by: | INITIALS |
| Drawn by: | pvd |
| Approved by: | INITIALS |
| Date: | 10/2014 |
| MMI Project No.: | 8788.001 |

AIRPORT LAYOUT PLAN

**TERMINAL AREA DRAWING**

SHEET REFERENCE NUMBER:

**7**




## LEGEND

| EXISTING | ULTIMATE | |
|---|---|---|
| | | AIRPORT PROPERTY LINE |
| | | AIRPORT REFERENCE POINT |
| | | SECURITY FENCE |
| | | RUNWAY THRESHOLD LIGHTS |
| 3435 | | CONTOURS |
| 3435 | | SECTION CORNER |
| | | SEGMENTED CIRCLE |
| | | BUILDING |
| | | ROAD |
| | | AIRCRAFT PAVEMENT |
| RPZ | RPZ-1 RPZ-2 | RUNWAY PROTECTION ZONE (RPZ) |
| BRL | BRL-1 BRL-2 | BUILDING RESTRICTION LINE (BRL) |
| OFA | OFA-1 OFA-2 | OBJECT FREE AREA (OFA) |
| RSA | RSA-1 RSA-2 | RUNWAY SAFETY AREA (RSA) |
| OFZ | OFZ-1 OFZ-2 | OBSTACLE FREE ZONE (OFZ) |

## LEGEND

| KEY | |
|---|---|
| | AIRPORT OPERATIONS AREA |
| | RESERVE FOR REVENUE GENERATING USE |
| | GENERAL AVIATION/UAS |
| | OPEN SPACE |

MAGNETIC 2014
11° 12'E

MAGNETIC DECLINATION
11° 12'E (2014) 0° 6' W/YR

(152.4) 300 | 0 0 | (152.4) 300 | (304.8) 600

SCALE IN FEET (meters)

MORRISON MAIERLE, INC.
An Employee Owned Company
Engineers Surveyors Scientists Professionals
1275 West Washington Street
Suite 108
Tempe, AZ 85281
Phone: (602) 273-2900
Fax: (602) 273-2901

| NO. | REVISIONS / SUBMISSIONS | DATE |
|---|---|---|
| | | |

# ROLLE FIELD
YUMA COUNTY AIRPORT AUTHORITY
SAN LUIS, ARIZONA
AIRPORT LAYOUT PLAN

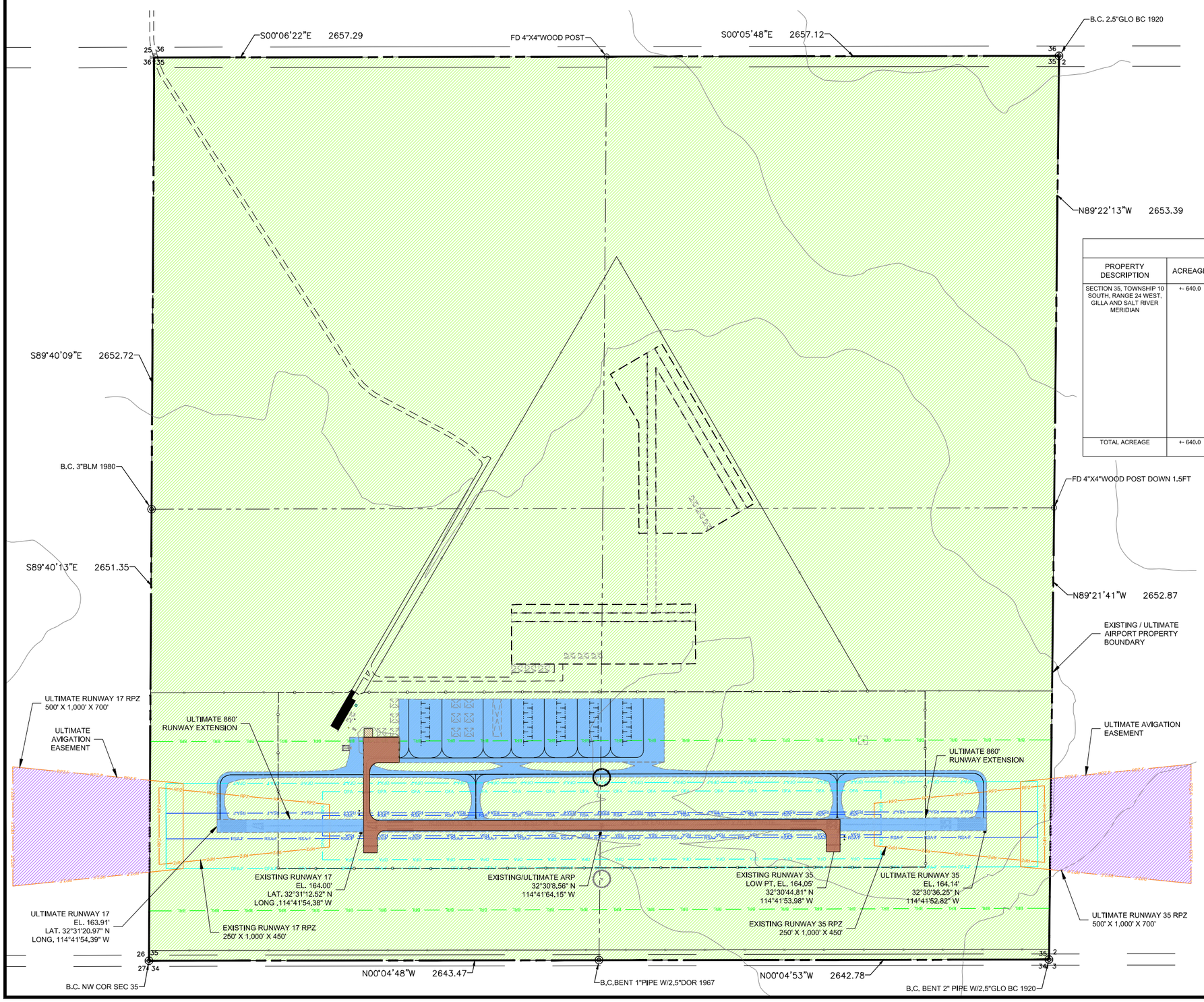
| | |
|---|---|
| Designed by: | INITIALS |
| Drawn by: | pvd |
| Approved by: | INITIALS |
| Date: | 10/2014 |
| MMI Project No.: | 8788.001 |

AIRPORT LAYOUT PLAN

**LAND USE DRAWING**

SHEET REFERENCE NUMBER:

**8**




## LEGEND

| EXISTING | ULTIMATE | |
|---|---|---|
| | | AIRPORT PROPERTY LINE |
| | | AIRPORT REFERENCE POINT |
| | | SECURITY FENCE |
| | | RUNWAY THRESHOLD LIGHTS |
| | | SECTION CORNER |
| | | GROUND CONTOURS |
| | | SEGMENTED CIRCLE |
| | | BUILDING |
| | | ROAD |
| | | AIRCRAFT PAVEMENT |
| | | RUNWAY PROTECTION ZONE (RPZ) |
| | | BUILDING RESTRICTION LINE (BRL) |
| | | OBJECT FREE AREA (OFA) |
| | | RUNWAY SAFETY AREA (RSA) |
| | | OBSTACLE FREE ZONE (OFZ) |

## KEY

| | |
|---|---|
| | EXISTING AIRPORT PROPERTY |
| | FUTURE AVIGATION EASEMENT |

## LEGEND

| PROPERTY DESCRIPTION | ACREAGE | GRANTOR | DATE | HISTORY | REFERENCE * |
|---|---|---|---|---|---|
| SECTION 35, TOWNSHIP 10 SOUTH, RANGE 24 WEST, GILLA AND SALT RIVER MERIDIAN | +- 640.0 | U.S. Department of the Interior Bureau of Reclamation Yuma Mesa Unit, Gila Project Reclamation | 03/25/1952 | Yuma County was Granted "License to use lands for airport purposes" which authorize use of auxiliary airfield No. 4, for the purpose of operating, maintaining and managing an airport to be used for the benefit of the farmers and growers of the Yuma Valley | License: 178r-544 |
| | | | 09/17/1973 | Yuma County amended the original license at this time to allow for an additional term of license and to make available State funds for Capital Improvements. at this time the license was officially relocated to the Yuma County airport Authority. | License: 158r-544 Amendment: 1 |
| | | | 02/18/1986 | Yuma county signed a new agreement with the Bureau of Reclamation extending their term of license for an additional 25 years. | Contract # 6-07-34-L0550 |
| | | | 10/23/2009 | Amendment No. 1 to 1986 Agreement extended term of License 25 year to October 23, 2034 | Amendment 1 Contract # 6-07-34-L0550 |
| | | | | | |
| TOTAL ACREAGE | +- 640.0 | | | | |


MORRISON MAIERLE, INC.
An Employee Owned Company
Engineers Surveyors Scientists Planners
1275 West Washington Street
Suite 108
Tempe, AZ 85281
Phone: (602) 273-2900
Fax: (602) 273-2901


| NO. | REVISIONS / SUBMISSIONS | DATE |
|---|---|---|
| | | |

# ROLLE FIELD
## YUMA COUNTY AIRPORT AUTHORITY
SAN LUIS, ARIZONA
## AIRPORT LAYOUT PLAN

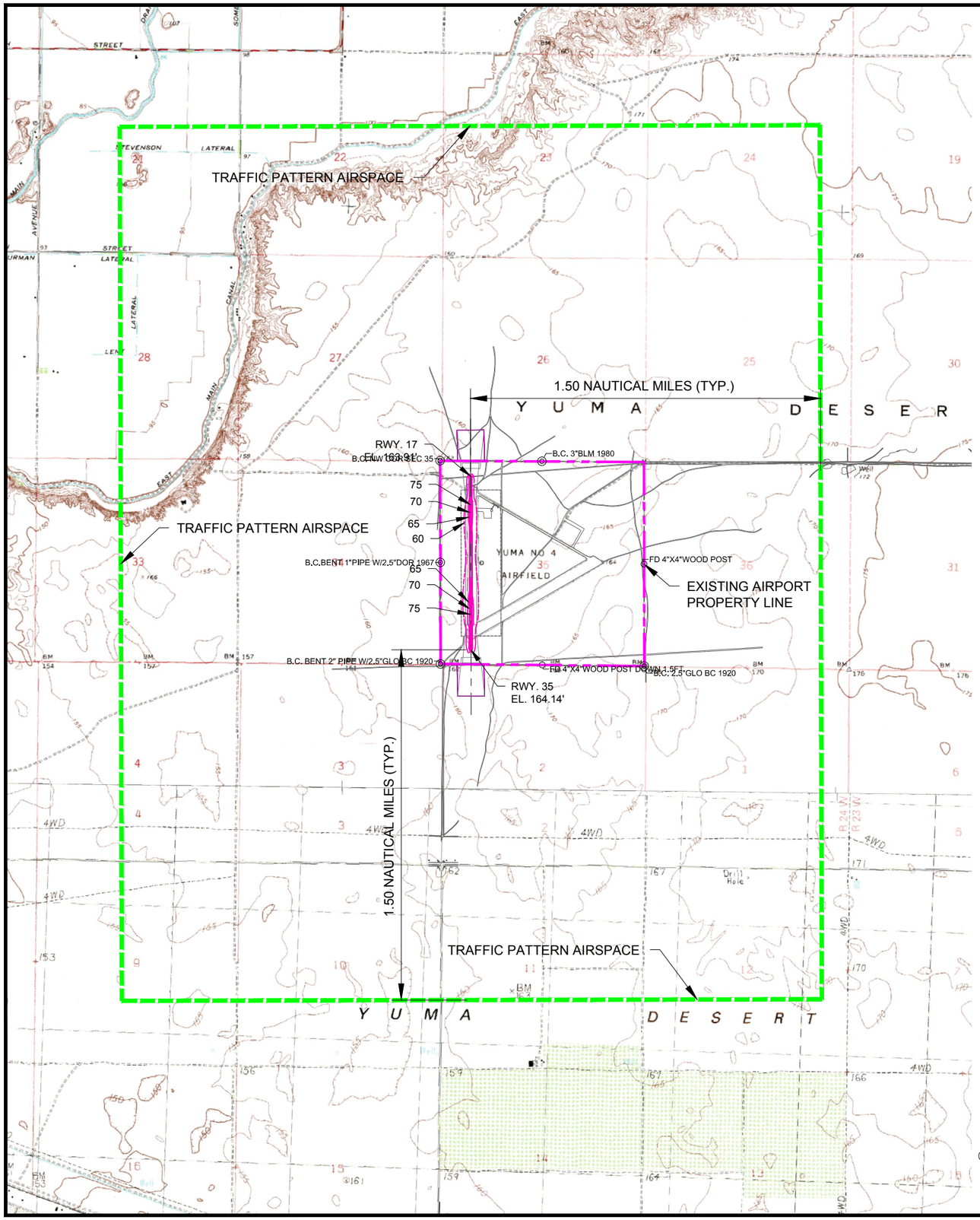
| | |
|---|---|
| Designed by: | INITIALS |
| Drawn by: | pvd |
| Approved by: | INITIALS |
| Date: | 10/2014 |
| MMI Project No.: | 8788.001 |

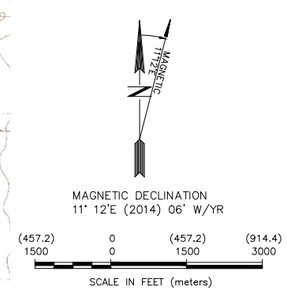
AIRPORT LAYOUT PLAN

**EXHITBIT 'A' - AIRPORT PROPERTY MAP**

SHEET REFERENCE NUMBER:

**9**



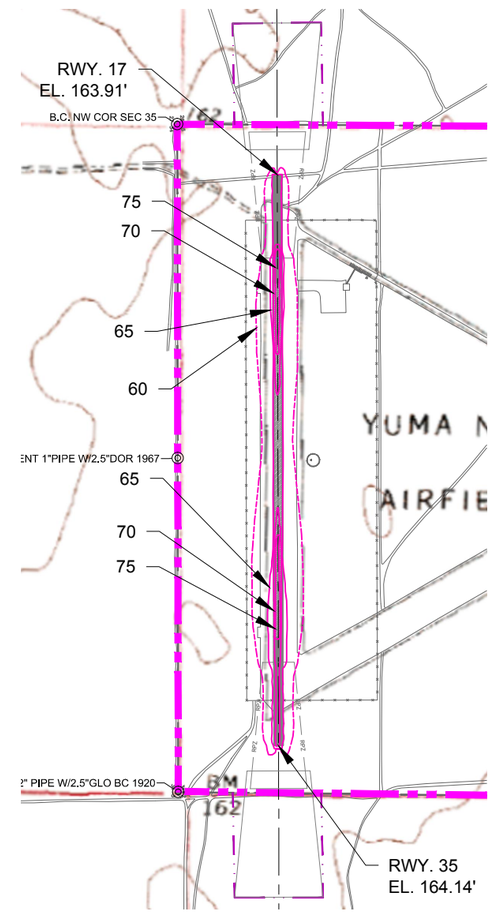



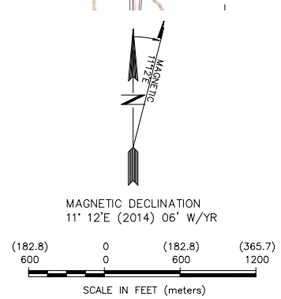

NOTES:

1. THIS MAP HAS BEEN PREPARED IN ACCORDANCE WITH THE ARIZONA REVISED STATUTES, SECTION 28-8486, RELATING TO PUBLIC AIRPORT DISCLOSURE.
2. TRAFFIC PATTERN AIRSPACE BOUNDARIES HAVE BEEN ESTABLISHED IN ACCORDANCE WITH THE GUIDELINES PROVIDED IN FEDERAL AVIATION ADMINISTRATION (FAA) ORDER 7400.2G.
3. THE AIRPORT NOISE CONTOURS HAVE BEEN DEVELOPED WITH THE INTEGRATED NOISE MODEL (VERSION 6.0) AND ARE BASED ON TOTAL ANNUAL OPERATIONS (TAKE-OFFS AND LANDINGS) OF 1,000.
4. 1 NAUTICAL MILE = 6,080 FEET OR 1.1516 STATUTE MILES.
5. DNL 65 IS IDENTIFIED AS THE "THRESHOLD OF INCOMPATIBILITY" FOR BOTH FEDERAL AND STATE AGENCIES. DNL CONTOUR 60IS SHOWN FOR REFERENCE ONLY.

NOTES:

TRAFFIC PATTERN AIRSPACE
EXISTING AIRPORT PROPERTY LINE
EXTENDED RUNWAY CENTERLINE
65 NOISE CONTOURS DAY NIGHT LEVEL (DNL)




MORRISON MAIERLE, INC.
An Engineering-Based Company
Engineers Surveyors Geotechnical Professionals
1275 West Washington Street
Suite 108
Tempe, AZ 85281
Phone: (602) 273-2900
Fax: (602) 273-2901

| NO. | REVISIONS / SUBMISSIONS | DATE |
|---|---|---|
| | | |

# ROLLE FIELD
YUMA COUNTY AIRPORT AUTHORITY
SAN LUIS, ARIZONA
AIRPORT LAYOUT PLAN

| | INITIALS |
|---|---|
| Designed by: | INITIALS |
| Drawn by: | pvd |
| Approved by: | INITIALS |
| Date: | 10/2014 |
| MMI Project No.: | 8788.001 |

AIRPORT LAYOUT PLAN

## PUBLIC AIRPORT DISCLOSURE MAP

SHEET REFERENCE NUMBER:
10