

COOLIDGE
MUNICIPAL AIRPORT

Appendix C

AIRPORT LAYOUT PLAN DRAWINGS

Appendix C

AIRPORT LAYOUT PLAN DRAWINGS

Per Federal Aviation Administration (FAA) requirements, an official Airport Layout Plan (ALP) has been developed for Coolidge Municipal Airport. The ALP is used in part by the FAA to determine funding eligibility for future development projects.

These drawings were created on a computer-aided drafting system (CAD) and serve as the official depiction of the current and planned condition of the airport. These drawings will be delivered to the FAA for their review and inspection. The FAA will critique the drawings from a technical perspective to be sure all applicable federal regulations are met.

The following is a description of the ALP drawings included with this Master Plan.

Airport Layout Plan (Sheet 1 of 11) – An official ALP drawing has been developed for Coolidge Municipal Airport, a draft of which is included in this appendix. The ALP drawing graphically presents the existing and ultimate layout plan of the airport. The ALP drawing will include such elements as the physical airport features, location of airfield facilities (i.e., runways, taxiways, navigational aids), and existing general aviation development. Also presented on the ALP are the runway safety areas, airport property boundary, and revenue support areas. The ALP is used by the FAA to determine funding eligibility for future capital projects.

Terminal Area Drawing (Sheet 2 of 11) – The Terminal Area Drawing provides greater detail concerning landside improvements at a larger scale than on the ALP drawing.

Airport Airspace Drawing (Sheet 3 of 11) – The Airport Airspace Drawing is a graphic depiction of the Title 14 Code of Federal Regulations (CFR) Part 77, *Objects Affecting Navigable Airspace*, regulatory criterion. The Airport Airspace Drawing is intended to aid local authorities in determining if proposed development could present a hazard to the airport and obstruct the approach path to a runway end. These plans should be coordinated with local land use planners.

Inner Portion of the Runway Approach Surface Drawings (Sheets 4 and 5 of 11) – The Inner Portion of the Approach Surface Drawings contain the plan and profile view of the inner portion of the approach surface to the runway and a tabular listing of all surface violations. The drawings also contain other approach surfaces, such as the threshold siting surface. Detailed obstruction and facility data is provided to identify planned improvements and the disposition of obstructions. A drawing of each runway end is provided.

Runway Profile and Outer Approach Surface Drawings (Sheets 6 and 7 of 11) – The Profile and Outer Approach Surface Drawings provide both plan and profile views of 14 CFR Part 77 approach surfaces for each runway end. A composite profile of the extended ground line is depicted. Obstructions and clearances over roads are shown as appropriate.

Departure Surface Drawings (Sheets 8 and 9 of 11) – The Departure Surface Drawings provide information as it relates to the 40:1 departure surface on each runway end. They have been prepared in accordance with Appendix 2 of FAA Advisory Circular (AC) 150/5070-6B, Change 1.

On-Airport Land Use Plan (Sheet 10 of 11) – The On-Airport Land Use Plan is a geographic depiction of the land use recommendations. The objective of this drawing is to coordinate uses of the airport property in a manner compatible with the functional design of the airport facility. When development is proposed, it should be directed to the appropriate land use area depicted on this plan.

“Exhibit A” Property Map (Sheet 11 of 11) – The “Exhibit A” Property Map provides information on the acquisition and identification of all land tracts under the control of the airport. Both existing and future property holdings are identified on the Property Map.

DRAFT ALP DISCLAIMER

The ALP drawing set has been developed in accordance with accepted FAA and Arizona Department of Transportation (ADOT) – Aeronautics Group standards. The ALP set has not been approved by the FAA and is subject to FAA airspace review. Land use and other changes may result.

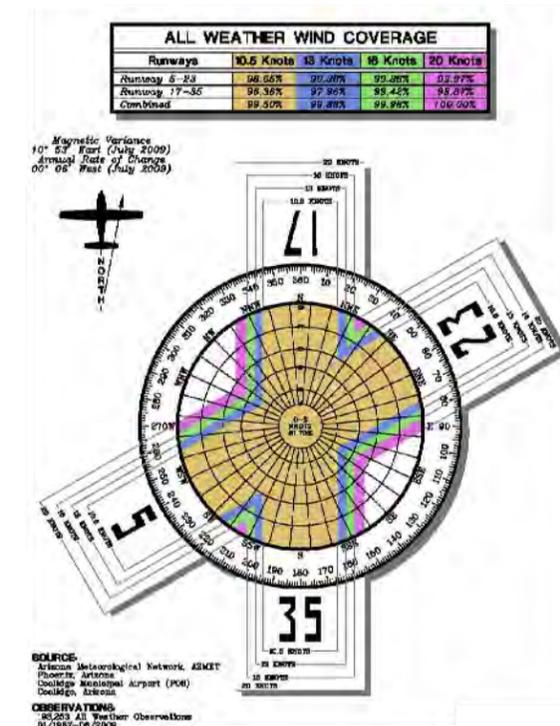
AIRPORT MASTER PLAN

COOLIDGE MUNICIPAL AIRPORT

AIRPORT LAYOUT PLAN SET

INDEX OF DRAWINGS

1. AIRPORT LAYOUT PLAN
2. TERMINAL AREA DRAWING
3. AIRPORT AIRSPACE DRAWING
4. INNER PORTION OF THE RUNWAY 5-23 APPROACH SURFACE DRAWING
5. INNER PORTION OF THE RUNWAY 17-35 APPROACH SURFACE DRAWING
6. RUNWAY 5-23 PROFILE & OUTER APPROACH SURFACE PROFILE DRAWING
7. RUNWAY 17-35 PROFILE & OUTER APPROACH SURFACE PROFILE DRAWING
8. DEPARTURE SURFACE DRAWING FOR RUNWAY 5-23
9. DEPARTURE SURFACE DRAWING FOR RUNWAY 17-35
10. ON-AIRPORT LAND USE PLAN
11. "EXHIBIT A" PROPERTY MAP



PREPARED FOR
CITY OF COOLIDGE, ARIZONA

DRAFT



RUNWAY DATA	RUNWAY 5-23		RUNWAY 17-35	
	EXISTING	ULTIMATE	EXISTING	ULTIMATE
RUNWAY CATEGORY/AIRCRAFT DESIGN GROUP	C-IV	C-IV	B-II	B-II
CRITICAL DESIGN AIRCRAFT	C-130	SAME	KING AIR 200	SAME
UNDERCARRIAGE WIDTH (FEET)	14.3'	SAME	17.2'	SAME
WINGSPAN OF DESIGN AIRCRAFT	132.6'	SAME	50.25'	SAME
APPROACH SPEED OF DESIGN AIRCRAFT (KNOTS)	138	SAME	100	SAME
MAXIMUM TAKE OFF WEIGHT (lb.)	155,000	SAME	10,100	SAME
RUNWAY BEARING (TRUE)	60.06°	SAME	180.00°	SAME
RUNWAY DIMENSIONS	5562.72' X 1574.0'	8100.00' X 1574.0'	3874.7' X 975'	4874.7' X 975'
ELEVATION OF RWY TOUCH DOWN ZONE (MSL)	1548.0' / 1574.0'	1548.0' / 1580.0'	1573.0' / 1573.0'	1564.8' / 1573.0'
ELEVATION OF RUNWAY HIGH POINT (above MSL)	1574.0'	1580'	1573.0'	1573.0'
ELEVATION OF RUNWAY LOW POINT (above MSL)	1548.0'	1549'	1563.0'	SAME
WIND COVERAGE IN MPH/KNOTS	12.1/10.5-99.20%	15/13-99.88%	18/16-99.98%	23/20-100.00%
APPROACH VISIBILITY MINIMUMS	ONE MILE/ONE MILE	3/4 MILE	VISUAL/VISUAL	ONE MILE/ONE MILE
14 CFR PART 77 CATEGORY	NON PREC/NON PREC	SAME/SAME	UTILITY/UTILITY	NON PREC/NON PREC
RUNWAY APPROACH SURFACES	20:1/20:1	34:1/34:1	20:1/20:1	SAME
RUNWAY THRESHOLD DISPLACEMENT	NONE	NONE	NONE	NONE
RUNWAY SAFETY AREA WIDTH (RSA)	500'	SAME	150'	SAME
RSA DISTANCE BEYOND EACH RUNWAY END	1,000' / 1,000'	SAME	300'	SAME
RUNWAY OBJECT FREE AREA WIDTH (OFA)	800' / 800'	SAME	500'	SAME
OFA DISTANCE BEYOND EACH RUNWAY END	1,000' / 1,000'	SAME	300'	SAME
RUNWAY OBSTACLE FREE ZONE WIDTH (OPZ)	400'	SAME	400'	SAME
OPZ DISTANCE BEYOND EACH RUNWAY END	200'	SAME	200'	SAME
LINE OF SITE REQUIREMENT MET	YES	SAME	YES	SAME
DECLARED DISTANCES	N/A	N/A	N/A	N/A
RUNWAY PAVEMENT MATERIAL	ASPHALT	SAME	ASPHALT	SAME
RUNWAY PAVEMENT SURFACE TREATMENT	NONE	SAME	NONE	SAME
PAVEMENT STRENGTH (in thousand lb.)	80(S)/115(D)/210(DT)	SAME	17(S)	30(S)
RUNWAY EFFECTIVE GRADIENT (in %)	0.5%	SAME	0.3%	SAME
MAXIMUM GRADIENT (in %)	1.5%	SAME	2%	SAME
RUNWAY LIGHTING	MIRL	SAME	NONE	MIRL
RUNWAY MARKINGS	NON PREC	SAME	BASIC	NON PREC
RUNWAY APPROACH LIGHTING	NONE	MALS/MALS	NONE	SAME
PARALLEL RUNWAY SEPARATION	N/A	N/A	N/A	N/A
RUNWAY CENTERLINE TO AIRCRAFT PARKING	500'	SAME	250'	SAME
RUNWAY/TAXIWAY SEPARATION	400'	SAME	240'	SAME
TAXIWAY PAVEMENT MATERIAL	ASPHALT	SAME	ASPHALT	SAME
TAXIWAY LIGHTING	MITL (LIMITED)	MITL (ALL ACTIVE)	MITL	SAME
TAXIWAY MARKING	CENTERLINE	SAME	CENTERLINE	SAME
TAXIWAY OBJECT FREE AREA	259'	SAME	131'	SAME
TAXIWAY SAFETY AREA WIDTH	171'	SAME	79'	SAME
TAXIWAY CL TO FIXED OR MOVEABLE OBJECT	128.5'	SAME	65.5'	SAME
DISTANCE FROM RWY CL TO HOLD BARS	250'	SAME	125'	200'
WINDSTOP CLEARANCE	44'	SAME	26'	SAME
VISUAL AIDS	PAPI-2	PAPI-4	---	PAPI-2
NAVIGATIONAL AIDS	VOR/DME	SAME	---	GPS
	GPS	SAME	---	---

† Pavement strengths are expressed in Single(S), Dual(D), Dual Tandem(DT).

BUILDINGS/FACILITIES			BUILDINGS/FACILITIES		
EXISTING	DESCRIPTION	TOP EL.	ULTIMATE	DESCRIPTION	TOP EL.
①	CONVENTIONAL HANGAR (COOLIDGE AVIATION)	1583.6'	20	GENERAL AVIATION TERMINAL AREA	±1590.0'
②	STORAGE HANGARS (COOLIDGE AVIATION)	1589.1'	21	HELICOPTER HARD STANDS	NA
③	FUEL FARM	1574.4'	22	JOINT USE FIRE/RESCUE FACILITY	±1598.0'
④	OFFICES (COOLIDGE AVIATION)	1582.2'	23	BOX HANGARS	±1590.0'
⑤	INTERNATIONAL AIR RESPONSE	1587.0'	24	WASH RACK	NA
⑥	NON AVIATION DEVELOPMENT	1596.5'	25	MAINTENANCE BUILDING	±1589.0'
⑦	COMPLETE PARACHUTE SOLUTIONS	1597.9'	26	HANGARS	±1595.0'
⑧	COMPLETE PARACHUTE SOLUTIONS	1593.0'	27	---	---
⑨	---	---	28	---	---
⑩	---	---	29	---	---
⑪	---	---	30	---	---

DEVIATIONS FROM FAA AIRPORT DESIGN STANDARDS				
DEVIATION DESCRIPTION	EFFECTED DESIGN STANDARD	STANDARD	EXISTING	PROPOSED DISPOSITION
OBSTRUCTION IN "OFA"	OFA	1,000' BEYOND RUNWAY END	900' BEYOND RUNWAY END	SHIFT RUNWAY 5-23 100' TO THE NORTHEAST

AIRPORT DATA		
COOLIDGE MUNICIPAL AIRPORT (POB)		
CITY: COOLIDGE, ARIZONA	COUNTY: PINAL	
RANGE: 09 E	TOWNSHIP: 6S	CIVIL TOWNSHIP: NA
	EXISTING	ULTIMATE
AIRPORT SERVICE LEVEL	GENERAL AVIATION	SAME
AIRPORT REFERENCE CODE	C-IV	SAME
AIRPORT ELEVATION	1575.0' MSL	SAME
MEAN MAXIMUM TEMPERATURE OF HOTTEST MONTH	105° F (July)	SAME
AIRPORT REFERENCE POINT (ARP) COORDINATES (NAD 83)	Latitude 32°56'06.2300" N Longitude 111°25'32.4300" W	Latitude 32°56'13.200" N Longitude 111°25'18.810" W
AIRPORT and TERMINAL NAVIGATIONAL AIDS	GPS VOR/DME PAPI-2 ROTATING BEACON SEGMENTED CIRCLE/WIND CONE	SAME SAME PAPI-4 SAME SAME REILS

RUNWAY END COORDINATES (NAD 83)		
RUNWAY	EXISTING	ULTIMATE
Runway 5	Latitude 32°56'01.125" N Longitude 111°26'07.48" W	Latitude 32°56'01.616" N Longitude 111°26'06.461" W
Runway 23	Latitude 32°56'28.447" N Longitude 111°25'10.816" W	Latitude 32°56'42.552" N Longitude 111°24'44.053" W
Runway 17	Latitude 32°56'21.509" N Longitude 111°25'29.697" W	Latitude 32°56'25.466" N Longitude 111°25'29.679" W
Runway 35	Latitude 32°55'43.199" N Longitude 111°25'29.869" W	SAME

- GENERAL NOTES:**
- Depiction of features and objects, including related elevations within the runway protection zones are depicted on the INNER APPROACH SURFACE DRAWING.
 - Details concerning terminal improvements are depicted on the TERMINAL AREA PLANS.
 - Recommended land uses within the airport environs are depicted on the AIRPORT LAND USE PLAN.
 - Details concerning airport property are depicted on the AIRPORT PROPERTY MAP.
 - Building Restriction Line (BRL) is established in accordance with F.A.R., Part 77 criteria Building Restriction Line location may be reduced in accordance to Part 77 to limits of the Runway Object Free Area, Runway Safety Area, and/or Runway Protection Zone criteria.
 - Ultimate fence line extends around Existing/Ultimate Property Line except where shown.
 - Bose Map and Contours derived from August, 2009 aerial photography and planimetric mapping, surveyed by Urban Engineering Inc..
 - Source for existing runway end/displaced threshold coordinates, elevations: Planimetric Mapping surveyed by Urban Engineering Inc.
 - All elevations are in NAVD 88 and all horizontal coordinates are in NAD 83.
 - The airport has not been surveyed in accordance with FAA Standard 405.
 - No threshold siting surface object penetrations.
 - All survey monuments enclosed in concrete casings.

FAA APPROVAL STAMP

SUBMITTED BY:
Coffman Associates

FOR APPROVAL BY:

APPROVED BY: _____ ON THE DATE OF: _____

ASSISTANT CITY MANAGER

No.	REVISIONS	DATE	BY	APPD.

EXISTING	ULTIMATE	DESCRIPTION
---	---	AIRPORT PROPERTY LINE
+	+	AIRPORT REFERENCE POINT (ARP)
⊙	⊙	AIRPORT ROTATING BEACON
█	█	BUILDING AND FACILITIES
N/A	---	PAVEMENT TO BE REMOVED
---	---	BUILDING RESTRICTION LINE (BRL)
---	---	OBJECT FREE AREA (OFA)
---	---	RUNWAY SAFETY AREA (RSA)
---	---	OBSTACLE FREE ZONE (OPZ)
---	---	AIRPORT PAVEMENT
---	---	FENCING
---	---	NAVIGATIONAL AID INSTALLATION
---	---	NAVIGATIONAL AID INSTALLATION
---	---	RUNWAY END IDENTIFICATION LIGHTS (REIL)
---	---	RUNWAY THRESHOLD LIGHTS
---	---	RUNWAY PROTECTION ZONE (RPZ)
---	---	SEGMENTED CIRCLE/WIND CONE
---	---	WIND INDICATOR
---	---	TOPOGRAPHIC CONTOURS
---	---	SECTION CORNER
---	---	TAXIWAY DESIGNATION
---	---	AUTOMATED WEATHER OBSERVATION STATION (AWOS)
---	---	HOLD POSITION MARKINGS
---	---	HELICOPTER HARDSTANDS
---	---	RUNWAY LIGHTS

COOLIDGE MUNICIPAL AIRPORT
AIRPORT LAYOUT PLAN
COOLIDGE, ARIZONA

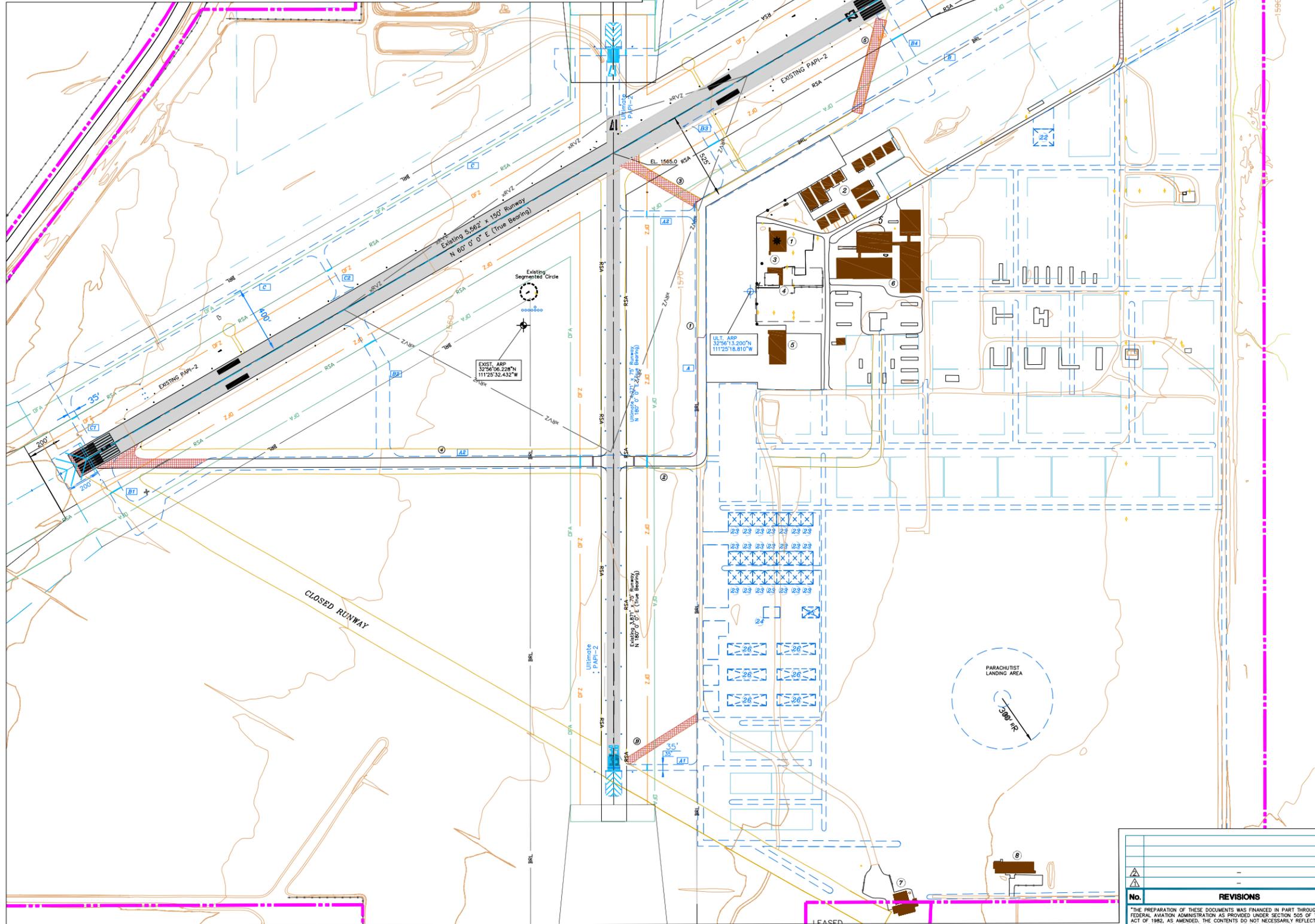
PLANNED BY: *Matt Quick*
DETAILED BY: *Maggie Brown*
APPROVED BY: *James M. Harris*

June 30, 2010 SHEET 1 of 11

Coffman Associates
Airport Consultants
www.coffmanassociates.com

C:\Users\jacob\Documents\Coolidge\2010\09\10\1049-00 ALP 06 03 10.dwg Printed Date 6-30-10 11:48:40 AM Morgner@Coffman.com

BUILDINGS/FACILITIES			BUILDINGS/FACILITIES		
EXISTING	DESCRIPTION	TOP EL.	ULTIMATE	DESCRIPTION	TOP EL.
1	CONVENTIONAL HANGAR (COOLIDGE AVIATION)	1583.6'	20	GENERAL AVIATION TERMINAL AREA	±1590.0'
2	STORAGE HANGARS (COOLIDGE AVIATION)	1589.1'	21	HELICOPTER HARD STANDS	NA
3	FUEL FARM	1574.4'	22	JOINT USE FIRE/RESCUE FACILITY	±1598.0'
4	OFFICES (COOLIDGE AVIATION)	1582.2'	23	BOX HANGARS	±1590.0'
5	INTERNATIONAL AIR RESPONSE	1587.0'	24	WASH RACK	NA
6	NON AVIATION DEVELOPMENT	1586.5'	25	MAINTENANCE BUILDING	±1589.0'
7	COMPLETE PARACHUTE SOLUTIONS	1597.9'	26	HANGARS	±1595.0'
8	COMPLETE PARACHUTE SOLUTIONS	1593.0'	27	---	---
9	---	---	28	---	---
10	---	---	29	---	---
11	---	---	30	---	---



LEGEND		
EXISTING	ULTIMATE	DESCRIPTION
—	—	AIRPORT PROPERTY LINE
+	+	AIRPORT REFERENCE POINT (ARP)
*	*	AIRPORT ROTATING BEACON
■	■	BUILDING AND FACILITIES
N/A	■	PAVEMENT TO BE REMOVED
---	---	BUILDING RESTRICTION LINE (BRL)
—	—	OBJECT FREE AREA (OFA)
—	—	RUNWAY SAFETY AREA (RSA)
—	—	OBSTACLE FREE ZONE (OFZ)
—	—	AIRPORT PAVEMENT
—	—	FENCING
+	+	NAVIGATIONAL AID INSTALLATION
+	+	NAVIGATIONAL AID INSTALLATION
+	+	RUNWAY END IDENTIFICATION LIGHTS (REIL)
+	+	RUNWAY THRESHOLD LIGHTS
+	+	RUNWAY PROTECTION ZONE (RPZ)
+	+	SEGMENTED CIRCLE/WIND CONE
+	+	WIND INDICATOR
+	+	TOPOGRAPHIC CONTOURS
+	+	SECTION CORNER
+	+	TAXIWAY DESIGNATION
+	+	AUTOMATED WEATHER OBSERVATION STATION (AWOS)
+	+	HOLD POSITION MARKINGS
+	+	HELICOPTER HARDSTANDS
+	+	RUNWAY LIGHTS

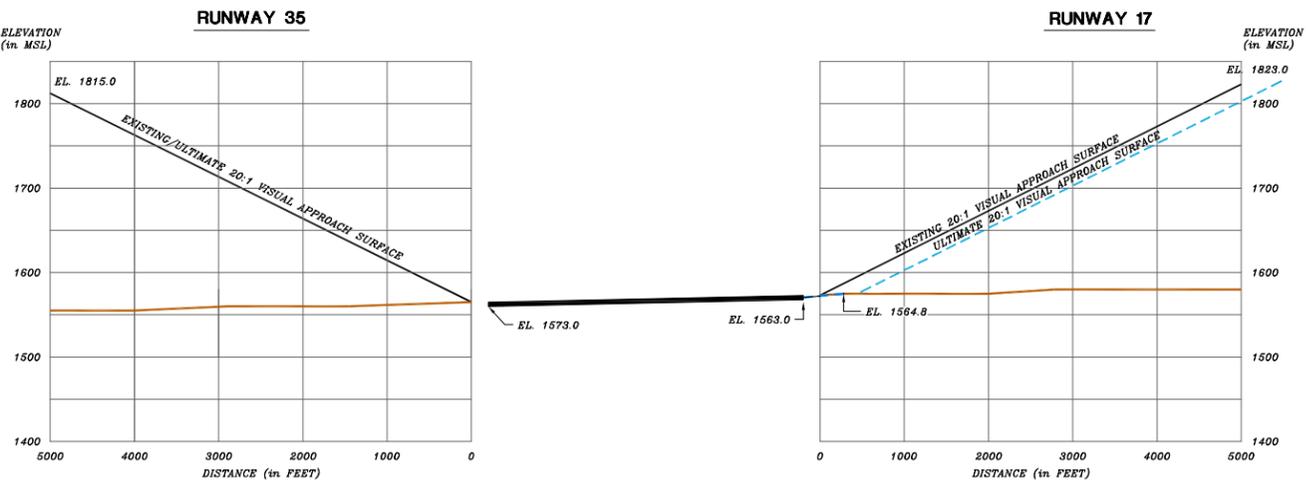
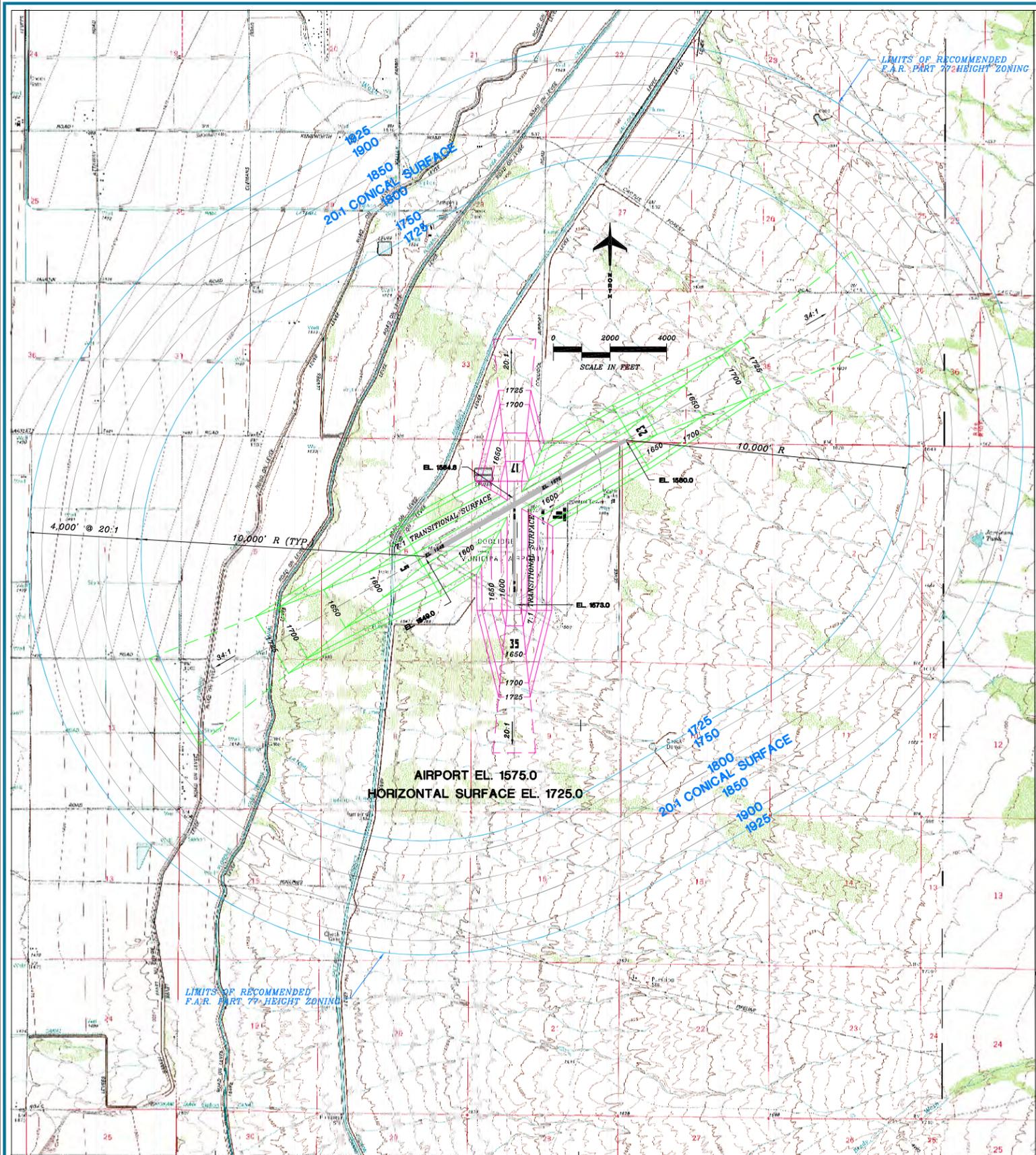
No.	REVISIONS	DATE	BY	APPD.

COOLIDGE MUNICIPAL AIRPORT
TERMINAL AREA PLAN
 COOLIDGE, ARIZONA

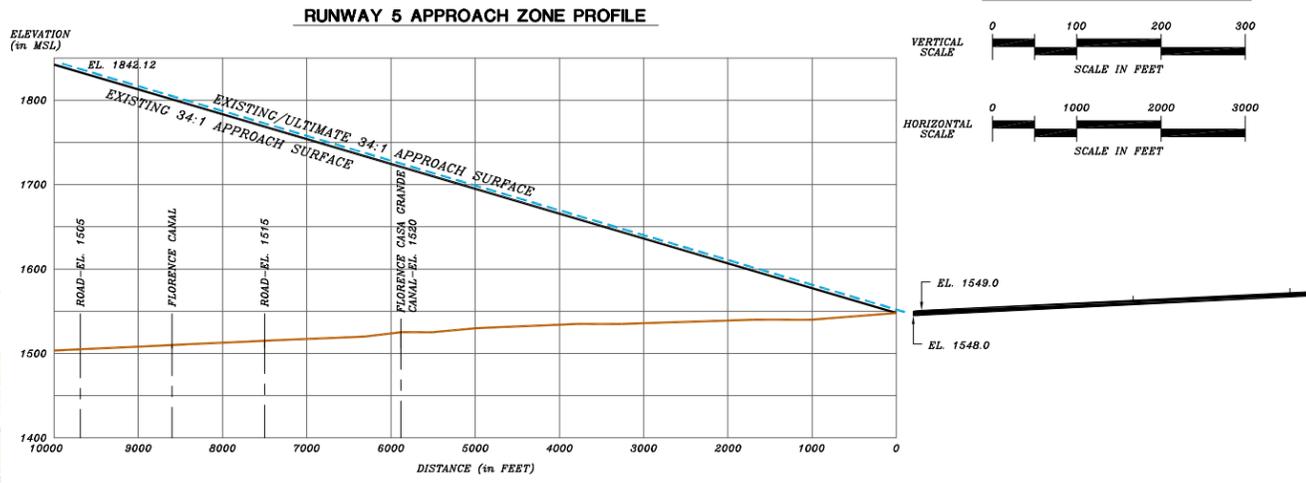
PLANNED BY: *Matt Quick*
 DETAILED BY: *Maggie Bevan*
 APPROVED BY: *James M. Harris*

June 30, 2010 SHEET 2 of 11

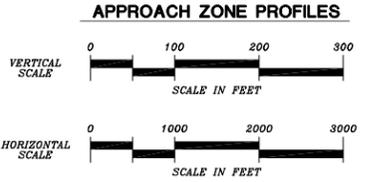
THE PREPARATION OF THESE DOCUMENTS WAS FINANCED IN PART THROUGH A PLANNING GRANT FROM THE FEDERAL AVIATION ADMINISTRATION AS PROVIDED UNDER SECTION 505 OF THE AIRPORT AND AIRWAY IMPROVEMENT ACT OF 1982, AS AMENDED. THE CONTENTS DO NOT NECESSARILY REFLECT THE OFFICIAL VIEWS OR POLICY OF THE FAA. ACCEPTANCE 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 HEREIN NOR DOES IT INDICATE THAT THE PROPOSED DEVELOPMENT IS ENVIRONMENTALLY ACCEPTABLE IN ACCORDANCE WITH APPROPRIATE PUBLIC LAWS.



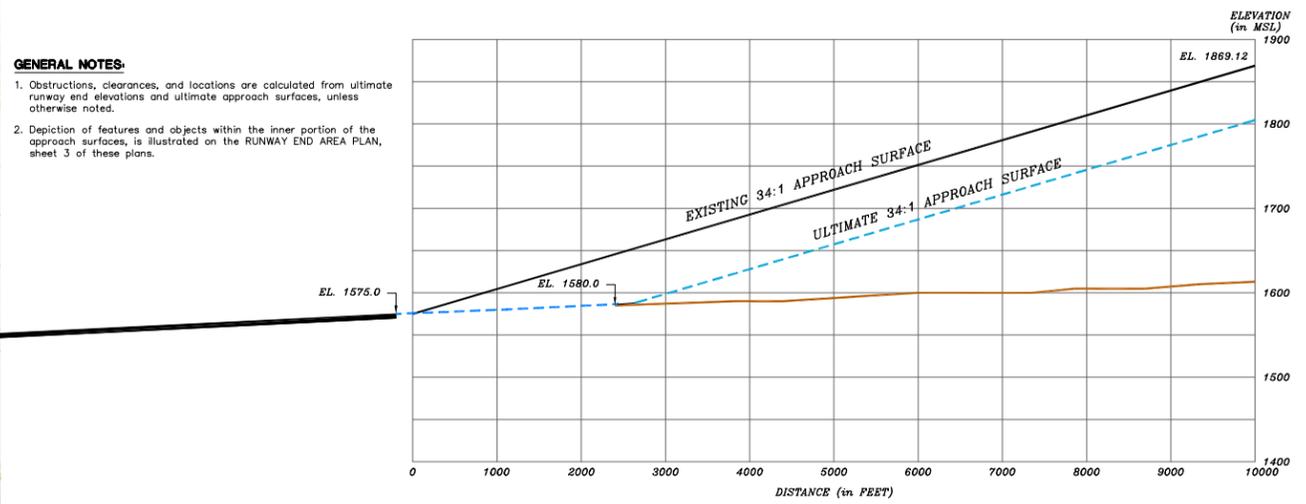
RUNWAY 17-35 APPROACH ZONES PROFILES



RUNWAY 5 APPROACH ZONE PROFILE



- GENERAL NOTES:**
- Obstructions, clearances, and locations are calculated from ultimate runway end elevations and ultimate approach surfaces, unless otherwise noted.
 - Depiction of features and objects within the inner portion of the approach surfaces, is illustrated on the RUNWAY END AREA PLAN, sheet 3 of these plans.



RUNWAY 23 APPROACH ZONE PROFILE

OBSTRUCTION TABLE					
Object Description	Object Elevation	Obstructed Part 77 Surface	Surface Elevation	Object Penetration	Proposed Object Disposition
NONE FOUND	-	-	-	-	-

OBSTRUCTION LEGEND	
•	OBSTRUCTION
▨	GROUP or MULTIPLE OBSTRUCTIONS

No.	REVISIONS	DATE	BY	APP'D.

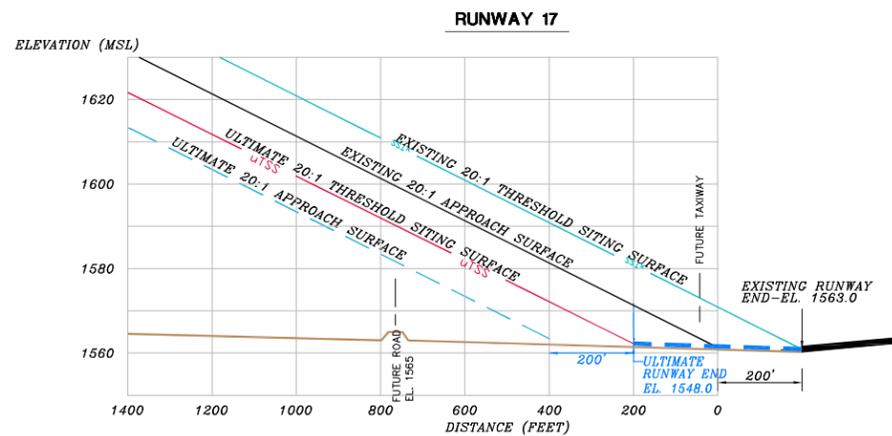
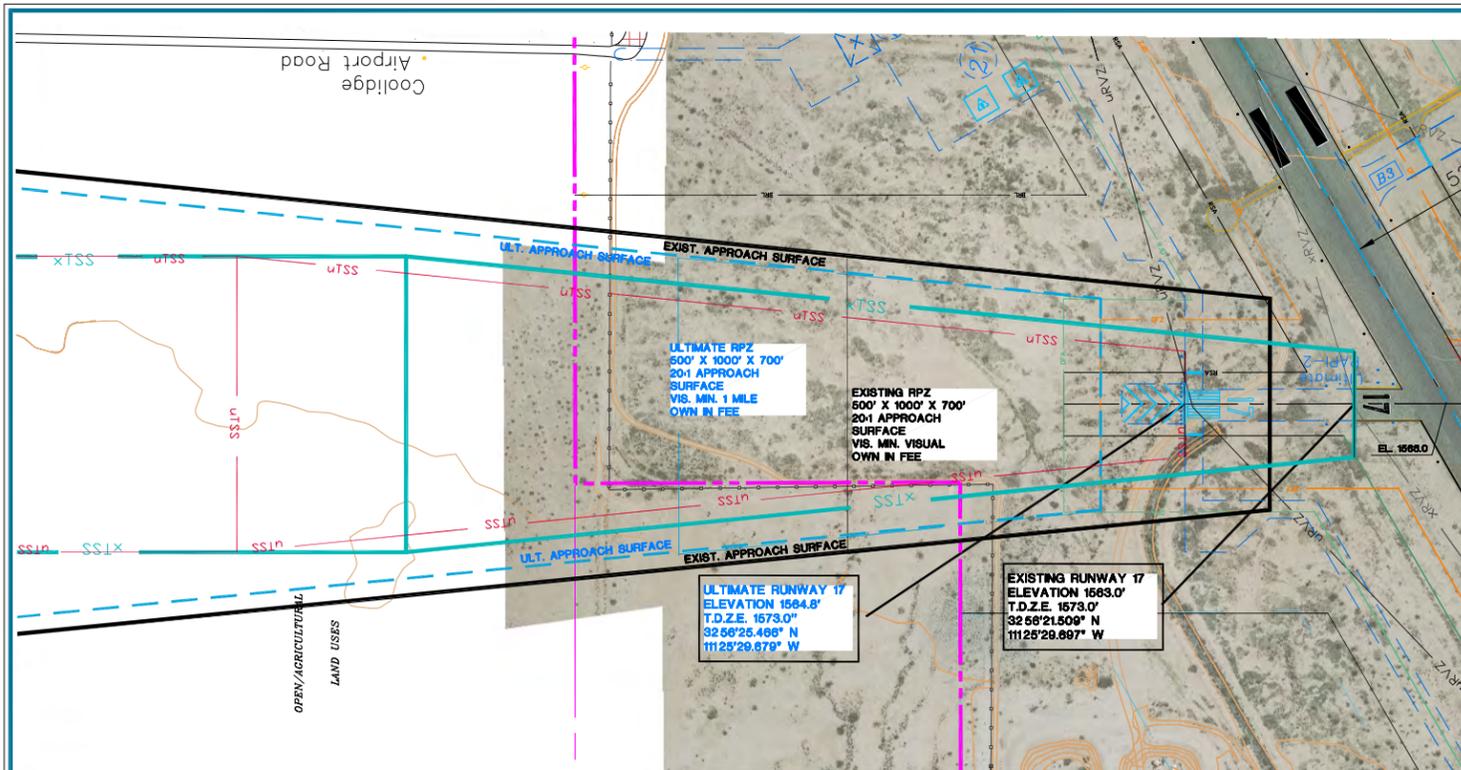
COOLIDGE MUNICIPAL AIRPORT
 AIRPORT AIRSPACE DRAWING
 COOLIDGE, ARIZONA

PLANNED BY: Matt Quirk
 DETAILED BY: Maggie Beasor
 APPROVED BY: James M. Harris

June 30, 2010 SHEET 3 OF 11

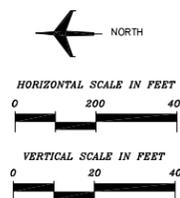
Coffman Associates
 Airport Consultants
 www.coffmanassociates.com

Coffman Associates 3:15:00 Coolidge 3/31/09 HP-05 AIP set 103 P08 P177 06 30 10.dwg Printed: 06/29/10 10:44:25 AM Margaret Beaver



GENERAL NOTES:

- Obstructions, clearances, and locations are calculated from existing runway end elevations and existing approach surfaces, unless otherwise noted.
- Depiction of features and objects within the primary, transitional, and horizontal Part 77 surfaces, is illustrated on the PART 77 AIRSPACE DRAWING.
- Depiction of features and objects within the outer portion of the approach surfaces, are illustrated on the OUTER APPROACH SURFACE DRAWINGS.



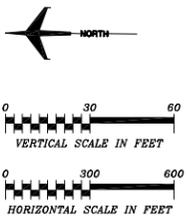
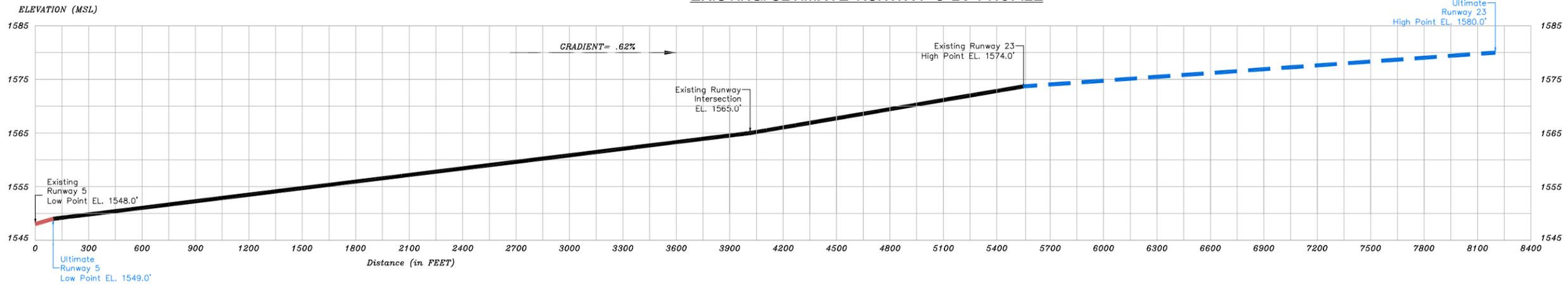
No.	REVISIONS	DATE	BY	APPD.

COOLIDGE MUNICIPAL AIRPORT
INNER PORTION OF THE RUNWAY
17-35 APPROACH SURFACE DRAWING
COOLIDGE, ARIZONA

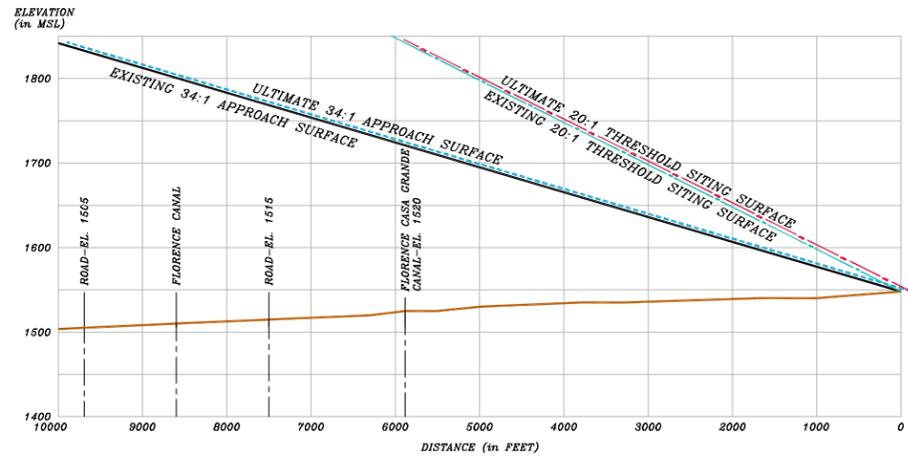
PLANNED BY: *Matt Quirk*
 DETAILED BY: *Maggie Bevan*
 APPROVED BY: *James M. Harris*

June 30, 2010 SHEET 5 of 11

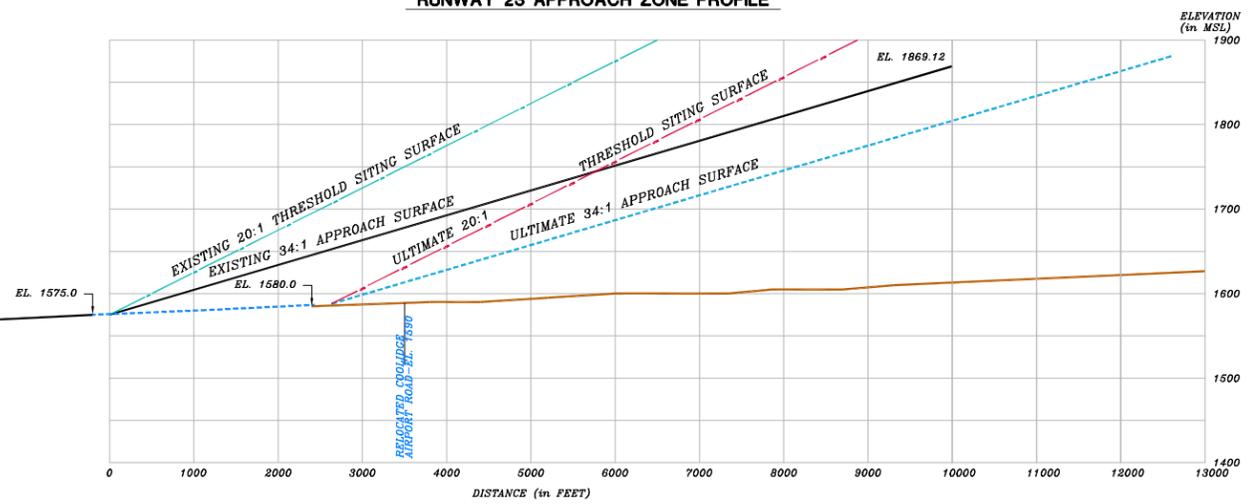
EXISTING/ULTIMATE RUNWAY 5-23 PROFILE



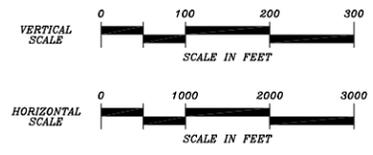
RUNWAY 5 APPROACH ZONE PROFILE



RUNWAY 23 APPROACH ZONE PROFILE



APPROACH ZONE PROFILES



GENERAL NOTES:

- Obstructions, clearances, and locations are calculated from ultimate runway end elevations and ultimate approach surfaces, unless otherwise noted.
- Depiction of features and objects within the inner portion of the approach surfaces, is illustrated on the RUNWAY END AREA PLAN, sheet 3 of these plans.



OBSTRUCTION TABLE					
Object Description	Object Elevation	Obstructed Part 77 Surface	Surface Elevation	Object Penetration	Proposed Object Disposition
NONE FOUND	-	-	-	-	-

GENERAL NOTES:

- Obstructions, clearances, and locations are calculated from existing runway end elevations and existing approach surfaces, unless otherwise noted.
- Depiction of features and objects within the primary, transitional, and horizontal Part 77 surfaces, is illustrated on the PART 77 AIRSPACE DRAWING.
- Depiction of features and objects within the outer portion of the approach surfaces, are illustrated on the OUTER APPROACH SURFACE DRAWINGS.

No.	REVISIONS	DATE	BY	APPD.

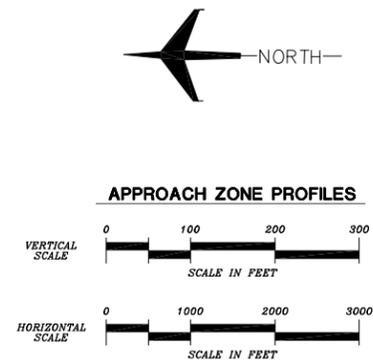
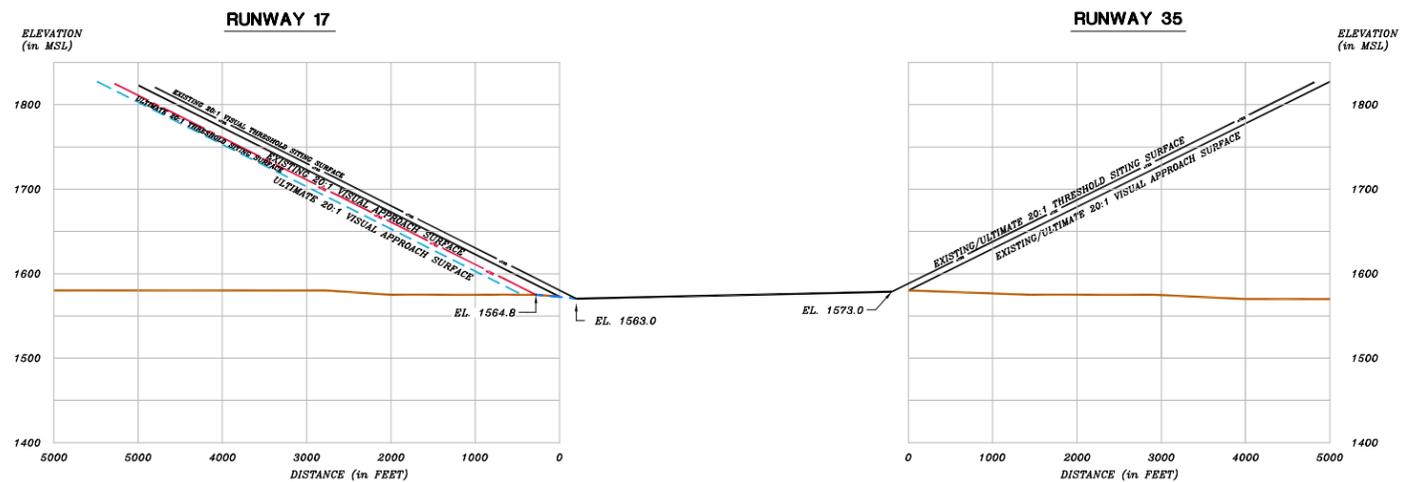
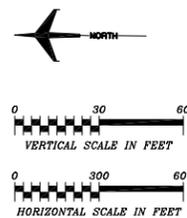
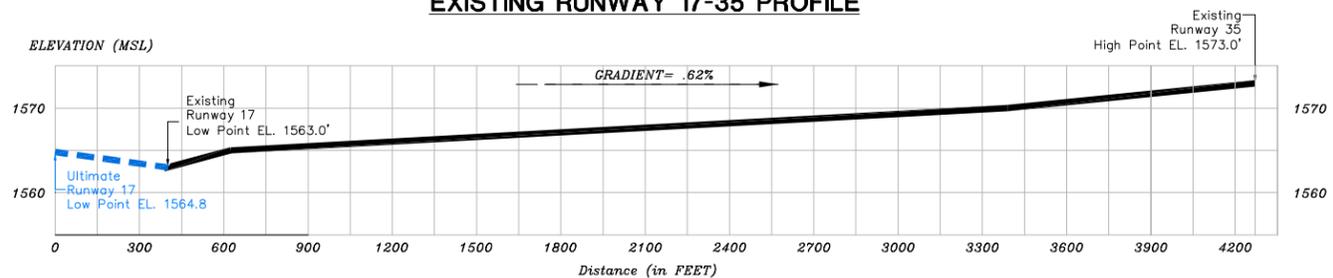
COOLIDGE MUNICIPAL AIRPORT
RUNWAY 5-23 PROFILE AND OUTER APPROACH SURFACE DRAWING
 COOLIDGE, ARIZONA

PLANNED BY: *Matt Quirk*
 DETAILED BY: *Maggie Bevan*
 APPROVED BY: *James M. Harris*

June 30, 2010 SHEET 6 of 11

Coffman Associates D:\Gas\CAD\Coolidge\2010\09\14\10-09-14.dwg Plotted Date: 8-03-10 02:55:56 PM Margaret Bevan

EXISTING RUNWAY 17-35 PROFILE



RUNWAY 17-35 OUTER APPROACH SURFACE PLANS and PROFILES

OBSTRUCTION TABLE					
Object Description	Object Elevation	Obstructed Part 77 Surface	Surface Elevation	Object Penetration	Proposed Object Disposition
NONE FOUND	-	-	-	-	-

GENERAL NOTES:

- Obstructions, clearances, and locations are calculated from existing runway end elevations and existing approach surfaces, unless otherwise noted.
- Depiction of features and objects within the primary, transitional, and horizontal Part 77 surfaces, is illustrated on the PART 77 AIRSPACE DRAWING.
- Depiction of features and objects within the outer portion of the approach surfaces, are illustrated on the OUTER APPROACH SURFACE DRAWINGS.

No.	REVISIONS	DATE	BY	APPD.

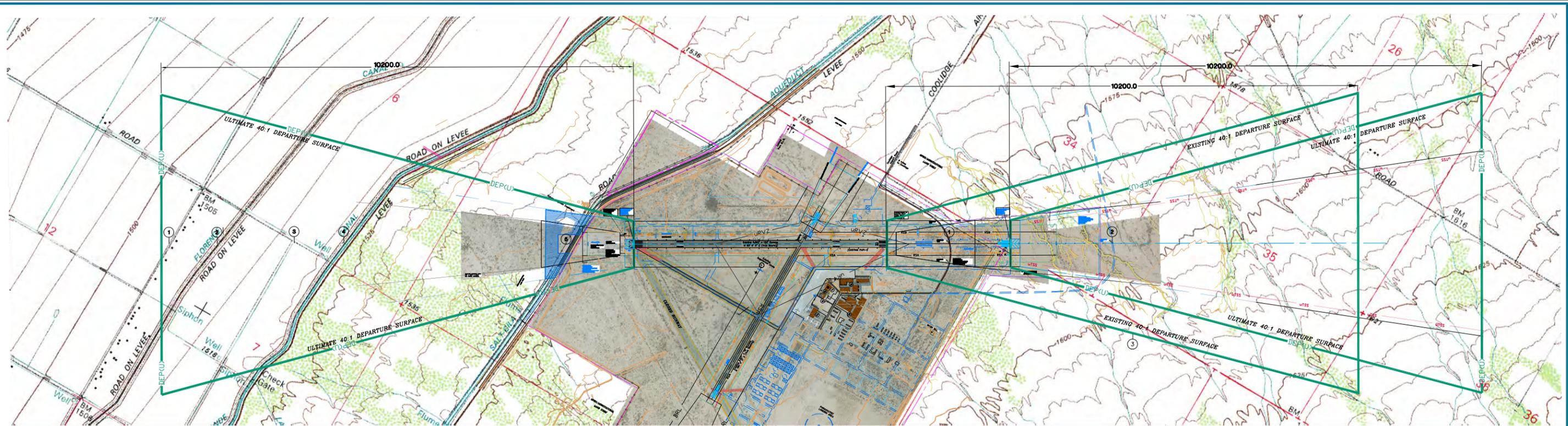
THE PREPARATION OF THESE DOCUMENTS WAS FINANCED IN PART THROUGH A PLANNING GRANT FROM THE FEDERAL AVIATION ADMINISTRATION AS PROVIDED UNDER SECTION 505 OF THE AIRPORT AND AIRWAY IMPROVEMENT ACT OF 1982, AS AMENDED. THE CONTENTS DO NOT NECESSARILY REFLECT THE OFFICIAL VIEW OR POLICY OF THE FAA. ACCEPTANCE 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 HEREIN NOR DOES IT INDICATE THAT THE PROPOSED DEVELOPMENT IS ENVIRONMENTALLY ACCEPTABLE IN ACCORDANCE WITH APPROPRIATE PUBLIC LAWS.

COOLIDGE MUNICIPAL AIRPORT
RUNWAY 17-35 PROFILE AND OUTER APPROACH SURFACE DRAWING
 COOLIDGE, ARIZONA

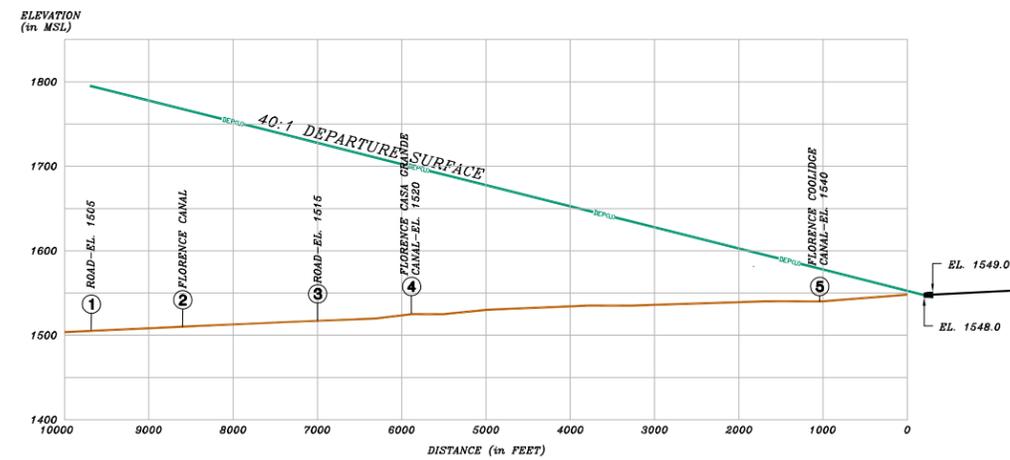
PLANNED BY: *Mall Quirk*
 DETAILED BY: *Maggie Bevan*
 APPROVED BY: *James M. Harris*

June 30, 2010 SHEET 7 of 11

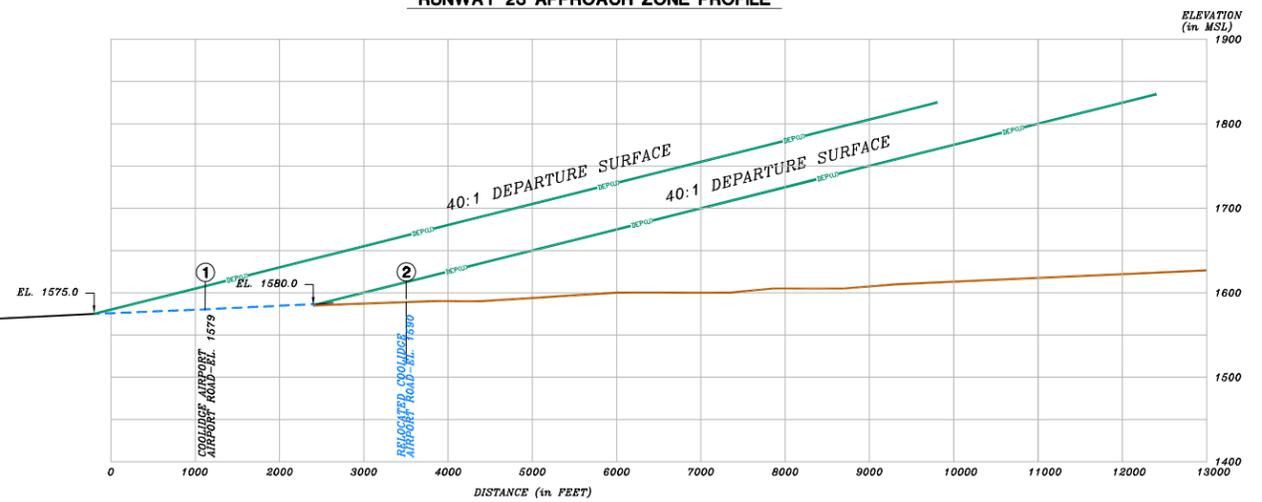




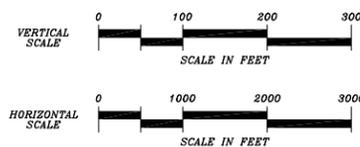
RUNWAY 5 APPROACH ZONE PROFILE



RUNWAY 23 APPROACH ZONE PROFILE



APPROACH ZONE PROFILES



OBSTRUCTION TABLE					
Object Description	Object Elevation	Obstructed Part 77 Surface	Surface Elevation	Object Penetration	Proposed Object Disposition
NONE FOUND	-	-	-	-	-

GENERAL NOTES:

- Obstructions, clearances, and locations are calculated from existing runway end elevations and existing approach surfaces, unless otherwise noted.
- Depiction of features and objects within the primary, transitional, and horizontal Part 77 surfaces, is illustrated on the PART 77 AIRSPACE DRAWING.
- Depiction of features and objects within the outer portion of the approach surfaces, are illustrated on the OUTER APPROACH SURFACE DRAWINGS.

No.	REVISIONS	DATE	BY	APPD.

COOLIDGE MUNICIPAL AIRPORT
RUNWAY 5-23 DEPARTURE SURFACE DRAWING
 COOLIDGE, ARIZONA

PLANNED BY: *Mark Quick*
 DETAILED BY: *Maggie Brown*
 APPROVED BY: *James M. Harris*

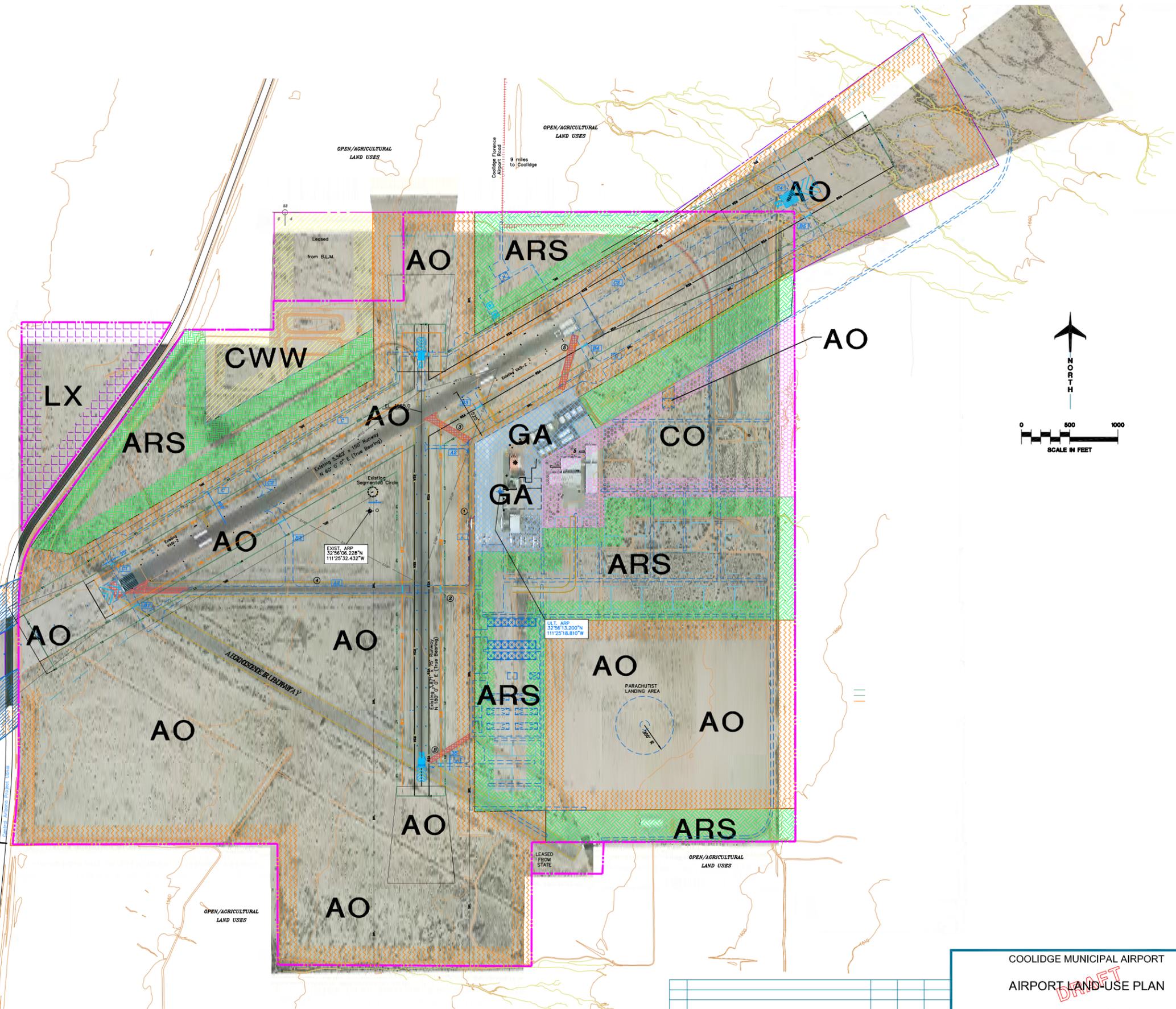
June 30, 2010 SHEET 8 of 11



ON-AIRPORT LAND USE LEGEND			
	AO AIRFIELD OPERATIONS (± 860.8 ACRES)		GA GENERAL AVIATION (± 27.2 ACRES)
	ARS AVIATION RELATED REVENUE SUPPORT (± 252.6 ACRES)		CWW FUTURE CITY WASTE WATER TREATMENT FACILITY (±47.7ACRES)
	COM COMMERCIAL (± 73.3 ACRES)		LX POTENTIAL LAND SALE/EXCHANGE (± 38.5 ACRES)

BASE MAP: AERIAL PHOTO TAKEN AUGUST 2009

LEGEND		
EXISTING	ULTIMATE	DESCRIPTION
		AIRPORT PROPERTY LINE
		AIRPORT REFERENCE POINT (ARP)
		AIRPORT ROTATING BEACON
		BUILDING AND FACILITIES
		PAYMENT TO BE REMOVED
		BUILDING RESTRICTION LINE (BRL)
		OBJECT FREE AREA (OFA)
		RUNWAY SAFETY AREA (RSA)
		OBSTACLE FREE ZONE (OFZ)
		AIRPORT PAVEMENT
		FENCINGS
		NAVIGATIONAL AID INSTALLATION
		NAVIGATIONAL AID INSTALLATION
		RUNWAY END IDENTIFICATION LIGHTS (REIL)
		RUNWAY THRESHOLD LIGHTS
		RUNWAY PROTECTION ZONE (RPE)
		SEGMENTED CIRCLE/WIND CONE
		WIND INDICATOR
		TOPOGRAPHIC CONTOURS
		SECTION CORNER
		PATHWAY DESIGNATION
		AUTOMATED WEATHER OBSERVATION STATION (AWOS)
		HOLD POSITION MARKINGS
		HELICOPTER HANDSTANDS
		RUNWAY LIGHTS



Coffman Associates D:\Coffman\Coolidge\2010\09-10-10_115438 AM_Margaret Beaver

No.	REVISIONS	DATE	BY	APP'D.

COOLIDGE MUNICIPAL AIRPORT
AIRPORT LAND USE PLAN
 COOLIDGE, ARIZONA

PLANNED BY: *Matt Lusk*
 DETAILED BY: *Maggie Beier*
 APPROVED BY: *James M. Harris*

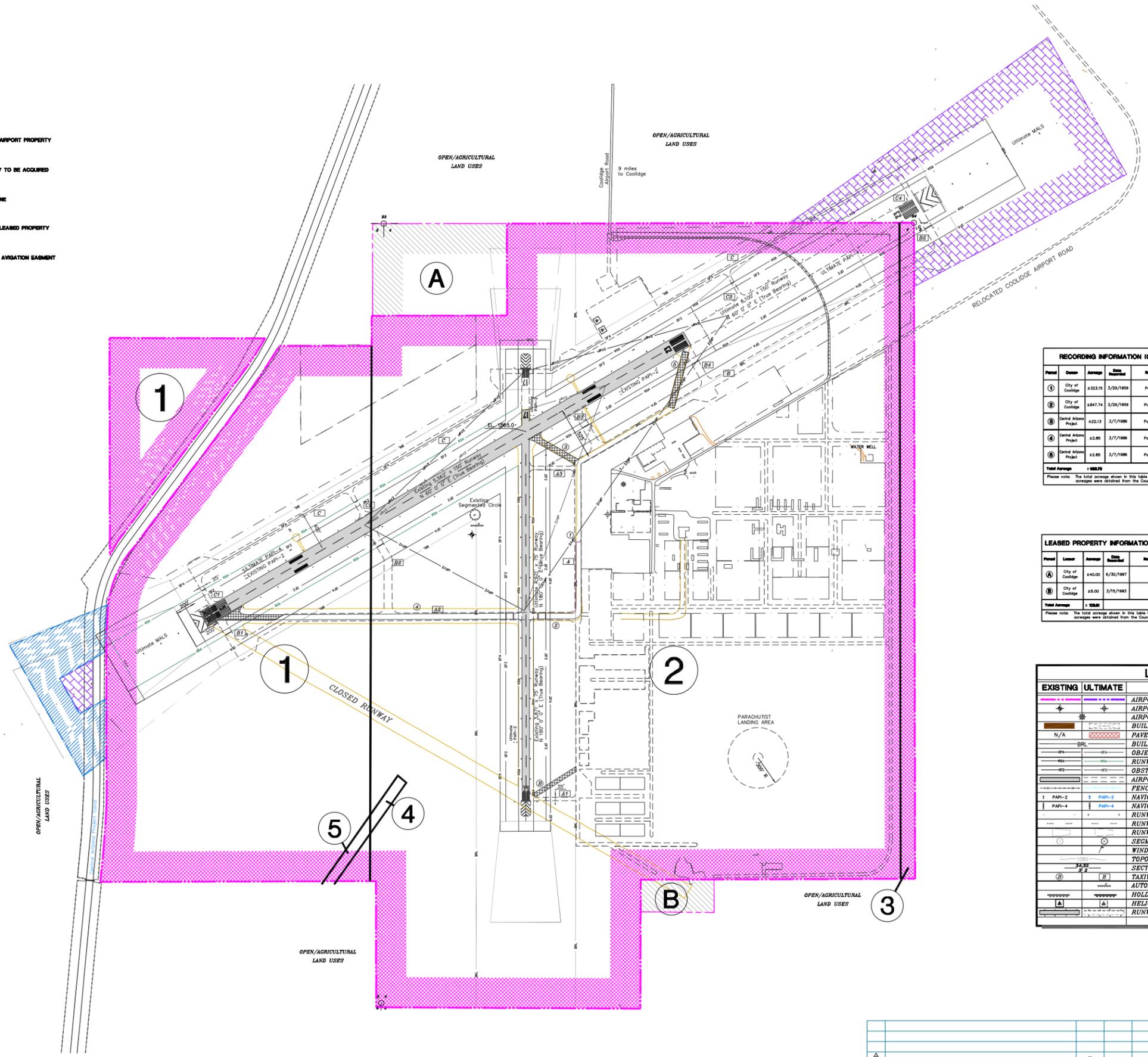
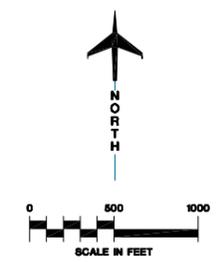
June 30, 2010 SHEET 10 OF 11

Coffman Associates
 Airport Consultants
 www.coffmanassociates.com

THE PREPARATION OF THESE DOCUMENTS WAS FINANCED IN PART THROUGH A PLANNING GRANT FROM THE FEDERAL AVIATION ADMINISTRATION AS PROVIDED UNDER SECTION 502 OF THE AIRPORT AND AIRWAY IMPROVEMENT ACT OF 1982, AS AMENDED. THE CONTENTS 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 HEREIN NOR DOES IT INDICATE THAT THE PROPOSED DEVELOPMENT IS ENVIRONMENTALLY ACCEPTABLE IN ACCORDANCE WITH APPROPRIATE PUBLIC LAWS.

LEGEND:

	EXISTING AIRPORT PROPERTY
	PROPERTY TO BE ACQUIRED
	PARCEL LINE
	EXISTING LEASED PROPERTY
	ULTIMATE AVIATION EASMENT



RECORDING INFORMATION (County Assessor - Pinal County, Arizona)

Parcel	Owner	Acquire	Date Acquired	Recording Information	Grantor/Grantee	Note
1	City of Coolidge	2.833.15	3/29/1959	Parcel # 400-38-50	Quick Claim Deed	
2	City of Coolidge	2.847.74	3/29/1959	Parcel # 400-38-10	Sec. 18 Patent	
3	Central Adams Project	2.223.13	3/7/1998	Parcel # 400-39-30	Quick Claim Deed	
4	Central Adams Project	2.285	3/7/1998	Parcel # 400-39-20	Quick Claim Deed	
5	Central Adams Project	2.285	3/7/1998	Parcel # 400-38-70	Quick Claim Deed	
Total Acquire		11883.77				

Please note: The total acreage shown in this table is the cumulative sum of the above described parcels, whose individual acreages were obtained from the County of Pinal, Arizona Graphic Information Systems.

LEASED PROPERTY INFORMATION (County Assessor - Pinal County, Arizona)

Parcel	Lessor	Acreage	Date	Recording Information	Owner	Note
6	City of Coolidge	2.440.00	6/30/1997	Parcel # ---	U.S. Bureau of Land Management	
7	City of Coolidge	25.00	3/15/1993	Parcel # ---	Arizona State Land Department	
Total Acreage		2.465				

Please note: The total acreage shown in this table is the cumulative sum of the above described parcels, whose individual acreages were obtained from the County of Pinal, Arizona Graphic Information Systems.

LEGEND

EXISTING	ULTIMATE	DESCRIPTION
		AIRPORT PROPERTY LINE
		AIRPORT REFERENCE POINT (ARP)
		AIRPORT ROTATING BEACON
		BUILDING AND FACILITIES
N/A		PAVEMENT TO BE REMOVED
		BUILDING RESTRICTION LINE (BRL)
		OBJECT FREE AREA (OFA)
		RUNWAY SAFETY AREA (RSA)
		OBSTACLE FREE ZONE (OFZ)
		AIRPORT PAVEMENT
		FENCING
		NAVIGATIONAL AID INSTALLATION
		NAVIGATIONAL AID INSTALLATION
		RUNWAY END IDENTIFICATION LIGHTS (REIL)
		RUNWAY THRESHOLD LIGHTS
		RUNWAY PROTECTION ZONES (RPZ)
		SEGMENTED CIRCLE/WIND CONE
		WIND INDICATOR
		TOPOGRAPHIC CONTOURS
		SECTION CORNER
		TAXIWAY DESIGNATION
		AUTOMATED WEATHER OBSERVATION STATION (AWOS)
		HOLD POSITION MARKINGS
		HELICOPTER HARDSTANDS
		RUNWAY LIGHTS

No.	REVISIONS	DATE	BY	APPD.

THE PREPARATION OF THESE DOCUMENTS WAS FINANCED IN PART THROUGH A PLANNING GRANT FROM THE FEDERAL AVIATION ADMINISTRATION AS PROVIDED UNDER SECTION 505 OF THE AIRPORT AND AIRWAY IMPROVEMENT ACT OF 1982, AS AMENDED. THE CONTENTS 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 HEREIN NOR DOES IT INDICATE THAT THE PROPOSED DEVELOPMENT IS ENVIRONMENTALLY ACCEPTABLE IN ACCORDANCE WITH APPROPRIATE PUBLIC LAWS.

COOLIDGE MUNICIPAL AIRPORT
EXHIBIT "A"
 AIRPORT PROPERTY MAP
 COOLIDGE, ARIZONA

PLANNED BY: *Matt Quirk*
 DETAILED BY: *Maggie Brown*
 APPROVED BY: *James M. Harris*

June 30, 2010 SHEET 11 OF 11

Coffman Associates D:\Gas\CAD\Coolidge\2010\09\09-05 Aip set\11 P08 Exhibit A 06 30 10.dwg Printed Date: 8-02-10 04:19:44 PM Marguerite Beaver