



COTTONWOOD MUNICIPAL AIRPORT

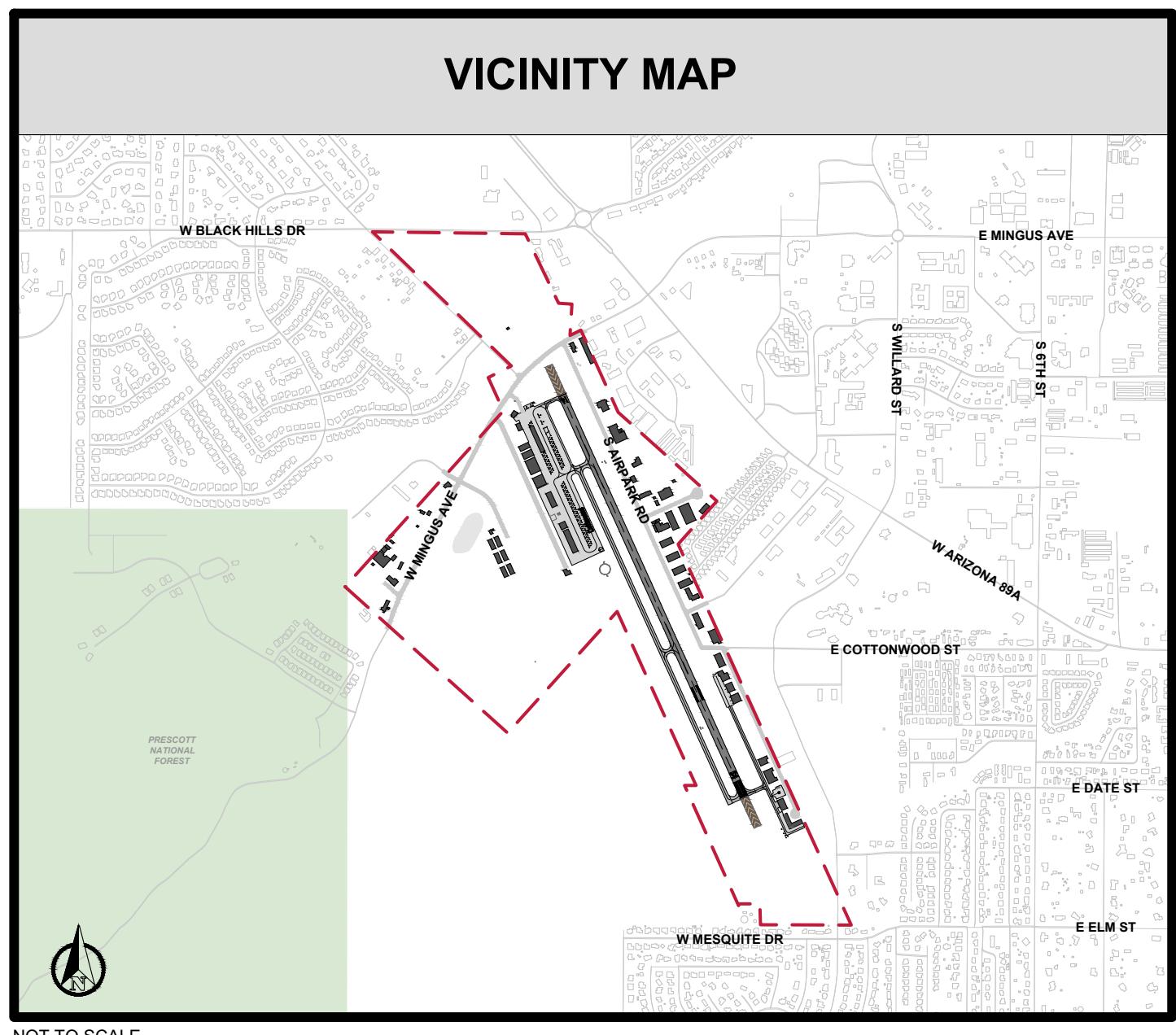
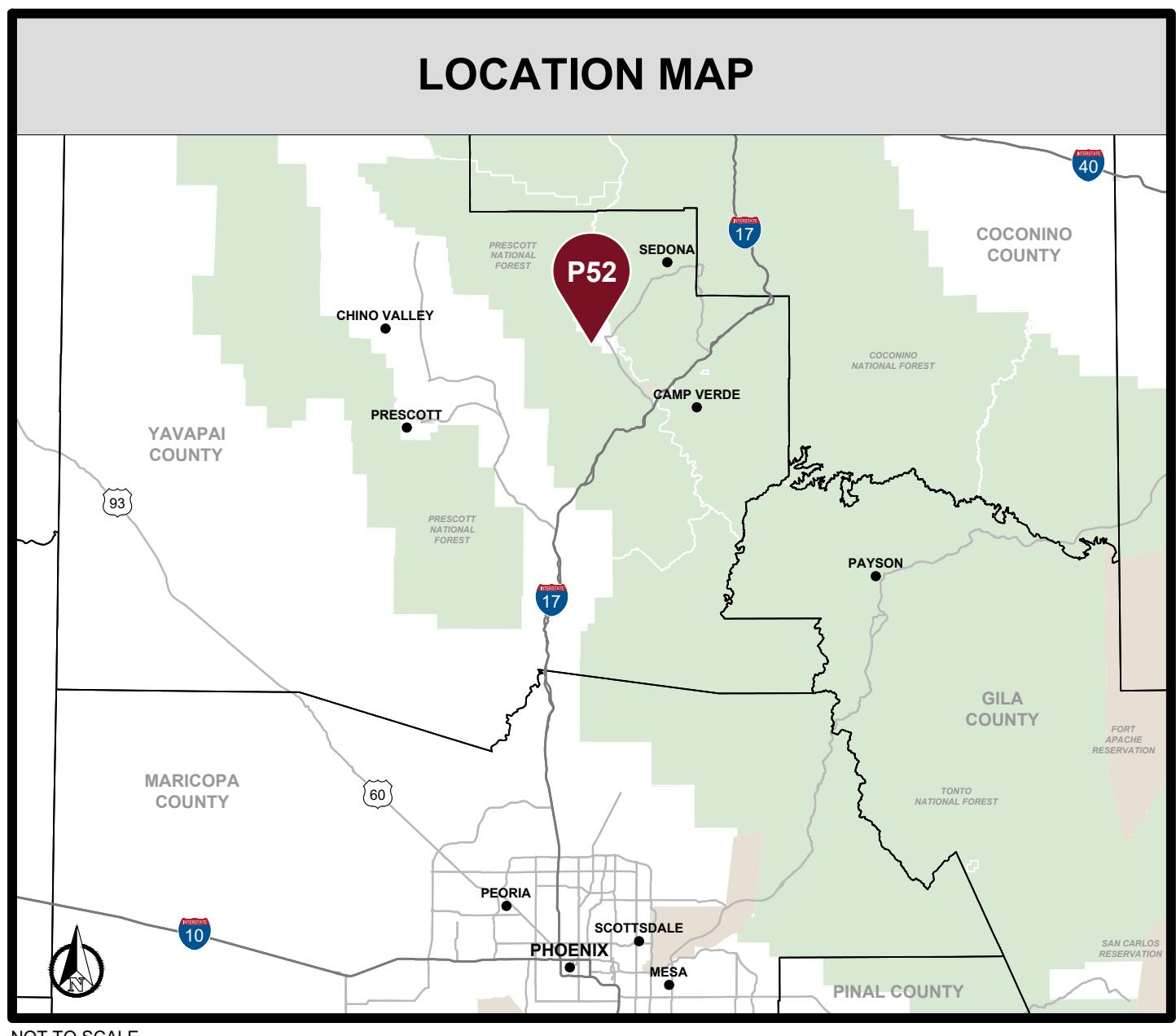
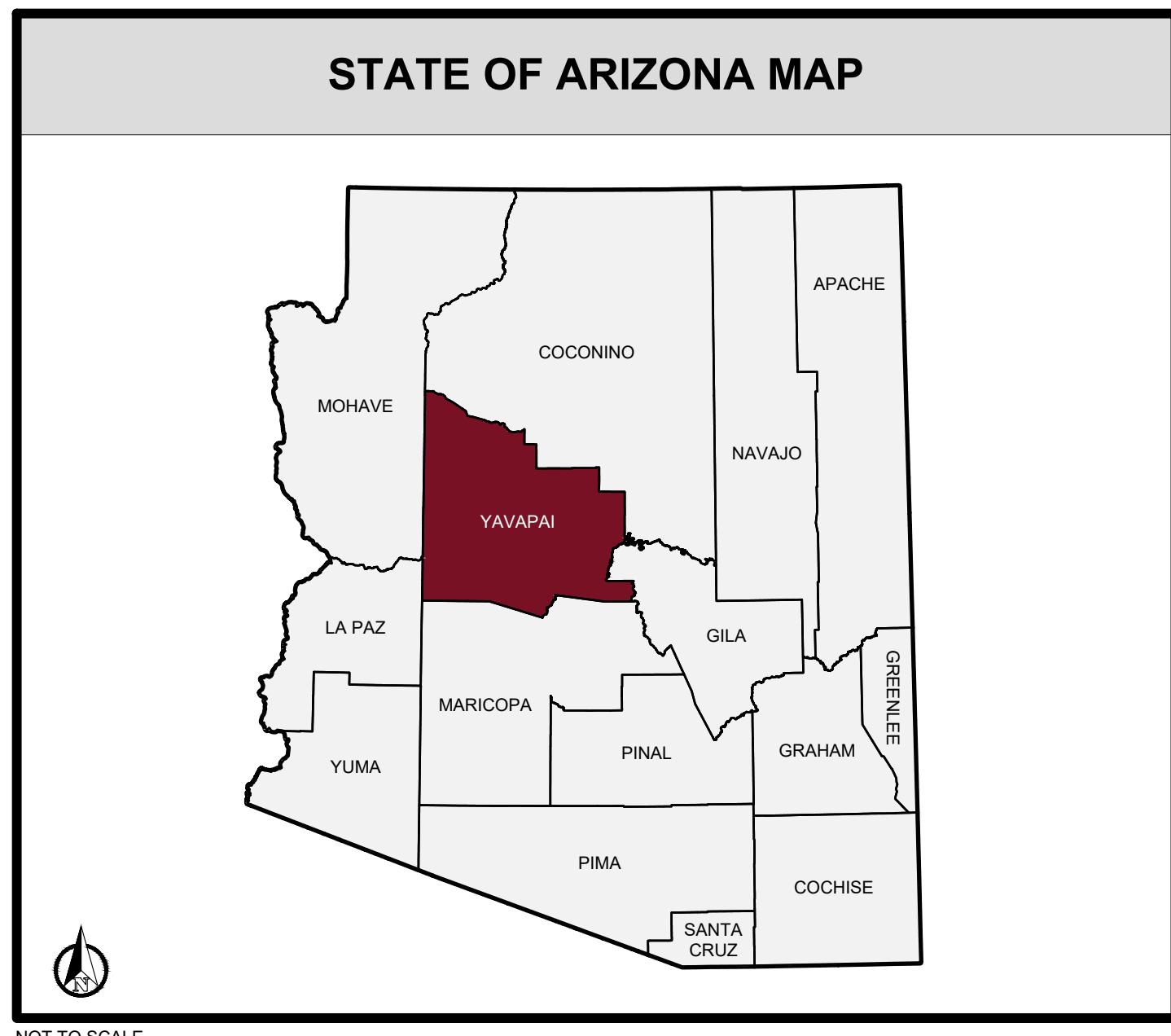
COTTONWOOD, ARIZONA

AIRPORT LAYOUT PLAN DRAWING SET

SEPTEMBER 2023

UPDATED MAY 2024

SHEET INDEX		
#	SHEET	REVISION DATE
1	TITLE SHEET	MAY 2024
2	AIRPORT DATA SHEET	DEC 2022
3	AIRPORT LAYOUT PLAN (EXISTING)	DEC 2022
4	AIRPORT LAYOUT PLAN (FUTURE)	MAY 2024
5	TERMINAL AREA DRAWING	DEC 2022
6	AIRPORT AIRSPACE DRAWING	DEC 2022
7-33	AIRPORT AIRSPACE DRAWING - PART 77 SURFACE PENETRATION TABLES	DEC 2022
34	INNER PORTION OF THE APPROACH SURFACE DRAWING	DEC 2022
35-36	INNER PORTION OF THE APPROACH SURFACE DRAWING - PENETRATION TABLES	DEC 2022
37	RUNWAY DEPARTURE SURFACE DRAWING	DEC 2022
38	RUNWAY DEPARTURE SURFACE DRAWING - PENETRATION TABLE	DEC 2022
39	LAND USE DRAWING	MAY 2024
40	AIRPORT PROPERTY MAP	MAY 2024



SPONSOR APPROVAL

SIGNATURE _____

DATE _____

FAA APPROVAL

APPROVED CONDITIONALLY _____

SUBJECT TO COMMENTS CONTAINED IN OUR LETTER DATED: _____

FEDERAL AVIATION ADMINISTRATION
WESTERN-PACIFIC REGION
BY _____

COTTONWOOD MUNICIPAL AIRPORT
COTTONWOOD, AZ



TITLE SHEET

JOB NO.	291447000	DRAWN	KH	CHECKED	CBW
DATE:	DECEMBER 2022	DESIGNED	JTC	APPROVED	CBW
SHEET 1 OF 40					

5				
4				
3				
2				
1	MAY 2024	UPDATED REVISION DATES IN SHEET INDEX.	REVISIONS	SSS CBW BY APPR.
NO.	DATE			

AIRPORT DATA

DESCRIPTION		EXISTING				FUTURE				
AIRPORT REFERENCE CODE		A-I (SMALL)				B-I (SMALL)				
CRITICAL AIRCRAFT*		ENTIRE FLEET OF A-I (SMALL) AIRCRAFT				CESSNA CITATION I, BEECHCRAFT KING AIR 90, PIPER CHEYENNE II				
AIRPORT REFERENCE POINT (ARP) (NAD83)		LATITUDE	34° 43' 48.20" N				34° 43' 46.08" N			
AIRPORT ELEVATION (MSL) (NAVD88)		LONGITUDE	112° 02' 06.49" W				112° 02' 05.73" W			
MEAN MAXIMUM TEMPERATURE OF THE HOTTEST MONTH (JULY)			3,560.3'				NO CHANGE			
MAGNETIC DECLINATION			98.4° F				NO CHANGE			
AIRPORT NAVAIDS †			10.11° E ± 0.35° CHANGING BY 0.10° W PER YEAR				NO CHANGE			
MISCELLANEOUS FACILITIES †			ROTATING BEACON (OWNERSHIP: AIRPORT SPONSOR)				NO CHANGE			
NPIS/A SERVICE LEVEL			AWOS III, PAPI, REIL, SEGMENTED CIRCLE W/ LIGHTED WIND CONE				NO CHANGE			
STATE AIRPORT CLASSIFICATION ‡			BASIC GENERAL AVIATION				NO CHANGE			
GENERAL AVIATION - COMMUNITY			GENERAL AVIATION - COMMUNITY				NO CHANGE			
NOTES: * MAGNETIC DECLINATION DATA SOURCED ON JUNE 13, 2022 (HTTPS://WWW.NCDC.NOAA.GOV/GEOMAGICALCALCULATORS/MAGCALC.SHTML?USEPULLSITE=TRUE). ** MEAN MAXIMUM TEMPERATURE OF THE HOTTEST MONTH WAS SOURCED FROM NOAA CLIMATE SERVICES CENTER (HTTPS://WWW.WWD.WEATHER.GOV/CLIMATE). † COORDINATE DATA IS BASED ON CALIFORNIA ZONE IV. HORIZONTAL DATUM IS NORTH AMERICAN DATUM OF 1983 (NAD83). VERTICAL DATUM IS NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88). ‡ THE CRITICAL AIRCRAFT IS THE ENTIRE FLEET OF A-I (SMALL) AIRCRAFT AS APPROVED BY THE FAA. † AS PUBLISHED IN THE 2016 ARIZONA STATE AVIATION SYSTEM PLAN (SASP).										

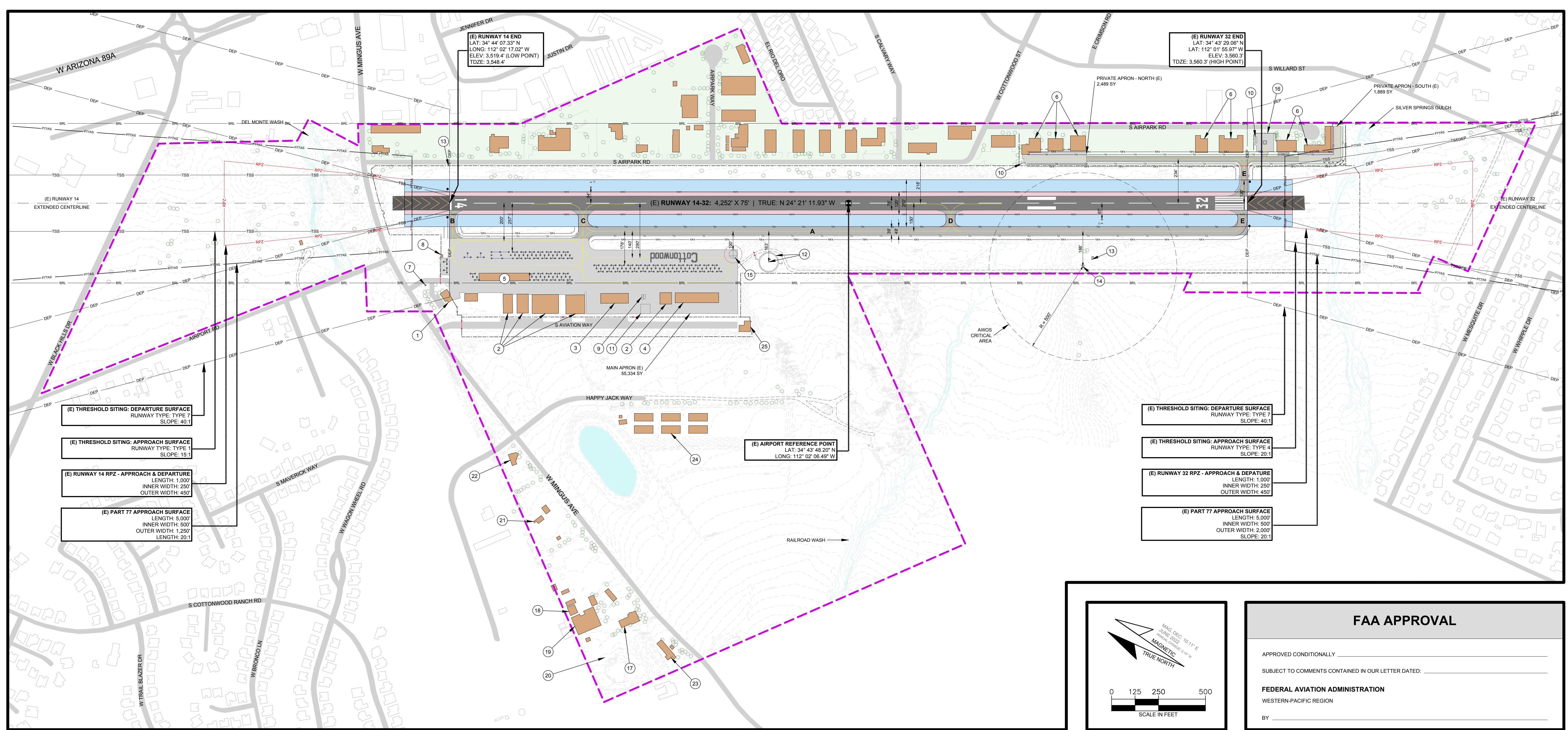
TAXIWAY DATA

TAXIWAY *	TWY TYPE	TWY LIGHTING **	TWY DESIGN STANDARDS - BY TWY DESIGN GROUP (TDG)								TAXIWAY DESIGN STANDARDS - BY AIRPLANE DESIGN GROUP (ADG) ‡												
			TWY DESIGN GROUP (TDG)	TWY WIDTH		TWY EDGE SAFETY MARGIN (TESM)		TWY SHOULDER WIDTH †		AIRPLANE DESIGN GROUP (ADG) ‡†	TWY SAFETY AREA (TSA)		TWY OBJECT FREE AREA (TOFA)		TWY SEPARATION: TWY CENTERLINE TO FIXED OR MOBILE OBJECT		COND	STD	COND	STD	COND	STD	
				COND	STD	COND	STD	COND	STD		COND	STD	COND	STD	COND	STD							
EXISTING #‡	TAXIWAY A	PARALLEL	N/A	1A	40'	25'	5'	5'	N/A	10'	I	49'	49'	89'	89'	39.5'	39.5'						
	TAXIWAY B	CONNECTOR	N/A	1A	30'	25'	5'	5'	N/A	10'	I	49'	49'	89'	89'	39.5'	39.5'						
	TAXIWAY C	CONNECTOR	N/A	1A	50'	25'	5'	5'	N/A	10'	I	49'	49'	89'	89'	39.5'	39.5'						
	TAXIWAY D	CONNECTOR	N/A	1A	40'	25'	5'	5'	N/A	10'	I	49'	49'	89'	89'	39.5'	39.5'						
	TAXIWAY E	CONNECTOR	N/A	1A	50'	25'	5'	5'	N/A	10'	I	49'	49'	89'	89'	39.5'	39.5'						
FUTURE #‡	TAXIWAY A	PARALLEL	MITL	2	35'	35'	7.5'	7.5'	N/A	15'	I	49'	49'	89'	89'	39.5'	39.5'						
	TAXIWAY A1	CONNECTOR	MITL	2	35'	35'	7.5'	7.5'	N/A	15'	I	49'	49'	89'	89'	39.5'	39.5'						
	TAXIWAY A2	CONNECTOR	MITL	2	35'	35'	7.5'	7.5'	N/A	15'	I	49'	49'	89'	89'	39.5'	39.5'						
	TAXIWAY A3	CONNECTOR	MITL	2	35'	35'	7.5'	7.5'	N/A	15'	I	49'	49'	89'	89'	39.5'	39.5'						
	TAXIWAY A4	CONNECTOR	MITL	2	35'	35'	7.5'	7.5'	N/A	15'	I	49'	49'	89'	89'	39.5'	39.5'						
	TAXIWAY A5	CONNECTOR	MITL	2	35'	35'	7.5'	7.5'	N/A	15'	I	49'	49'	89'	89'	39.5'	39.5'						
	TAXIWAY B1	CONNECTOR	MITL	2	35'	35'	7.5'	7.5'	N/A	15'	I	49'	49'	89'	89'	39.5'	39.5'						
	TAXIWAY B2	CONNECTOR	MITL	2	35'	35'	7.5'	7.5'	N/A	15'	I	49'	49'	89'	89'	39.5'	39.5'						
	TAXIWAY C	CONNECTOR	MITL	2	35'	35'	7.5'	7.5'	N/A	15'	I	49'	49'	89'	89'	39.5'	39.5'						
	TAXIWAY D	CONNECTOR	MITL	2	35'	35'	7.5'	7.5'	N/A	15'	I	49'	49'	89'	89'	39.5'	39.5'						
	TAXIWAY E	CONNECTOR	MITL	2	35'	35'	7.5'	7.5'	N/A	15'	I	49'	49'	89'	89'	39.5'	39.5'						
NOTES: COND = EXISTING / FUTURE CONDITION STD = FAA STANDARDS ** MAXIMUM INTENSITY TAXIWAY EDGE LIGHTING † EXISTING AND FUTURE TAXIWAYS ARE LISTED IN ALPHABETICAL ORDER BY NAME THEN FROM NORTH TO SOUTH ON THE AIRFIELD. ‡ TAXWAYS ARE EQUIPPED WITH EDGE REFLECTORS †† FUTURE ADG FOR P50 IS I (SMALL). HOWEVER, THE 'IS (SMALL)' INDICATOR IS NOT UTILIZED FOR TAXIWAY DESIGN STANDARDS IN AC 150/5300-13A CHANGE 1. †† EXISTING FUTURE VALUES SHOWN (COND) REPRESENT NO PENETRATIONS TO TSA AND TOFA. ‡‡ EXISTING AND FUTURE TAXIWAY DESIGNATIONS ARE DISPLAYED ON THE RESPECTIVE AIRPORT LAYOUT DRAWINGS.																							

EXISTING NONSTANDARD CONDITIONS

NO.	NONSTANDARD CONDITION	DESCRIPTION	ACTION
1	TAXIWAY FILLETS	EXISTING TAXIWAY FILLETS DO NOT MEET DESIGN STANDARDS	REMOVAL / ADDITION OF PAVEMENT TO MEET TAXIWAY FILLET DESIGN STANDARDS FOR TDG 2
2	DIRECT RUNWAY ACCESS FROM APRON	TAXIWAYS B AND C ALLOW DIRECT ACCESS BETWEEN APRON AND RUNWAY	CONSTRUCTION OF TAXIWAY CONNECTORS WITH SITUATIONAL AWARENESS TURNS FROM APRON TO RUNWAY
3	VARIOUS TAXILANE OFA PENETRATIONS*	TAXILANE OFA PENETRATIONS INCLUDE: AIRCRAFT TIE-DOWNS, HELICOPTER PARKING AREA, PRIVATE AIRCRAFT HANGARS	RECONFIGURATION OF APRON AND TAXILANES TO MITIGATE OFA PENETRATIONS

WIND DATA			
AIRPORT * (FOR RWY 14-32 #)			
CROSSWING COVERAGE †			
ALL WEATHER			
10.5 KNOTS	13 KNOTS	16 KNOTS	20 KNOTS
PRC	92.08%	95.51%	98.55%
SEZ	89.51%	94.82%	99.30%
IFR			



LEGEND

DESCRIPTION	EXISTING	FUTURE	DESCRIPTION	EXISTING	FUTURE	DESCRIPTION	EXISTING	FUTURE
AIRPORT REFERENCE POINT (ARP)	●	NOT SHOWN	GROUND CONTOURS	---	SAME	TAXIWAY / TAXILANE OBJECT FREE AREA (TOFA)	— TOFA —	NOT SHOWN
WINDCONE	—	SAME	HOLD LINE	---	NOT SHOWN	HELICOPTER OPERATING AREA SAFETY AREA	— — — — —	NOT SHOWN
RUNWAY END IDENTIFIER LIGHTS (REILS)	●	NOT SHOWN	BUILDING RESTRICTION LINE (BRL)	— BRL —	SAME	AIRFIELD PAVEMENT (APRON TWY RWY BLAST PAD)	■ ■ ■ ■ ■	NOT SHOWN
PRECISION APPROACH PATH INDICATOR (PAPI-2L)	—	SAME	THRESHOLD SITING: APPROACH SURFACE	— TSS —	NOT SHOWN	ROADWAY / VEHICLE PARKING - PAVED	— — — — —	NOT SHOWN
PAPI POWER CONTROL UNIT (PCU)	○	NOT SHOWN	THRESHOLD SITING: DEPARTURE SURFACE	— DEP —	NOT SHOWN	ROADWAY - GRAVEL / UNPAVED	□ □ □ □ □	NOT SHOWN
AIRCRAFT TIEDOWN (STANDARD)	—	NOT SHOWN	PART 77 APPROACH SURFACE	— P77AS —	NOT SHOWN	PAVEMENT / BUILDING / FACILITY REMOVAL	N/A	NOT SHOWN
AIRCRAFT TIEDOWN (ITINERANT)	—	NOT SHOWN	RUNWAY PROTECTION ZONE (RPZ)	— RPZ —	NOT SHOWN	ON-AIRPORT BUILDINGS / STRUCTURES	■ ■ ■ ■ ■	NOT SHOWN
AIRCRAFT TIEDOWN (ELECTRIC CHARGING STATION)	N/A	NOT SHOWN	RUNWAY SAFETY AREA (RSA)	—	NOT SHOWN	OFF-AIRPORT BUILDINGS / STRUCTURES	— — — — —	SAME
AIRPORT PROPERTY LINE	— — — — —	SAME	RUNWAY OBJECT FREE AREA (ROFA)	—	NOT SHOWN	COTTONWOOD AIRPORT	■ ■ ■ ■ ■	SAME
AIR OPERATIONS AREA (AOA) PERIMETER FENCE	— — x — — x —	NOT SHOWN	RUNWAY OBSTACLE FREE ZONE (ROFZ)	— ROFZ —	NOT SHOWN	CITY EASEMENT FOR AWOS CRITICAL AREA	N/A	NOT SHOWN
AOA PERIMETER FENCE REMOVAL	N/A	NOT SHOWN	RUNWAY MARKINGS	—	NOT SHOWN	WATER BODY / FEATURE	■ ■ ■ ■ ■	SAME
AOA ACCESS GATE	○ — ○ — ○	NOT SHOWN	TAXIWAY / TAXILANE CENTERLINES	—	NOT SHOWN	TREE	○ ○ ○ ○ ○	SAME
AOA ACES GATE REMOVAL	N/A	NOT SHOWN	TAXIWAY / TAXILANE SAFETY AREA (TSA)	— TSS —	NOT SHOWN			

FACILITIES LIST

#	DESCRIPTION	#	DESCRIPTION
1	TERMINAL / ADMINISTRATION BUILDING	14	AUTOMATED WEATHER OBSERVING SYSTEM (AWOS III)
2	CONVENTIONAL HANGAR	15	HELICOPTER OPERATING AREA
3	T-HANGAR (6-UNIT)	16	HELICOPTER OPERATING AREA (PRIVATE)
4	T-HANGAR (10-UNIT)	17	CITY OF COTTONWOOD PUBLIC WORKS
5	SHADE HANGAR	18	WASTEWATER TREATMENT PLANT
6	CONVENTIONAL HANGAR (PRIVATE)	19	LIFT/PUMP STATION #5
7	ROTATING BEACON	20	SOLID WASTE TRANSFER STATION
8	ELECTRIC VAULT	21	FIRE TRAINING FACILITIES
9	FUEL STORAGE (MAIN APRON)	22	YAVAPAI COLLEGE FIRE TRAINING CENTER
10	FUEL STORAGE (PRIVATE)	23	HUMANE SOCIETY
11	WASH RACK	24	AIR PARK MINI RV & BOAT STORAGE
12	SEGMENTED CIRCLE WITH LIGHTED WIND CONE	25	EXPERIMENTAL AIRCRAFT ASSOCIATION BUILDING
13	SUPPLEMENTAL WIND CONE		

NOTES

1. COORDINATE DATA - HORIZONTAL: NORTH AMERICAN DATUM OF 1983, ARIZONA STATE PLANE COORDINATE SYSTEM, CENTRAL ZONE, INTERNATIONAL SURVEY FEET. VERTICAL: NORTH AMERICAN DATUM OF 1988 (NAVD 88).
2. AIRPORTS GEOGRAPHIC INFORMATION SYSTEM (AGIS) SURVEY PERFORMED JULY 2020.
3. PERIMETER FENCE HEIGHT VARIES BY LOCATION AND RANGES FROM 4' TO 6'.
4. BUILDING RESTRICTION LINE (BRL) IS BASED ON A MAXIMUM ALLOWABLE BUILDING HEIGHT OF 25' AT A DISTANCE OF 175' FROM THE PRIMARY SURFACE.
5. AIRPORT DESIGN STANDARDS BASED ON FAA ADVISORY CIRCULAR 150/5300-1A, CHANGE 1.
6. THE AIRPORT PROPERTY LINE (APL) AND AIRPORT BOUNDARY LINES ARE SHOWN ON ENCL. 1, AIRPORT BRIEF NO. 99A.
7. TAXILANE ATTRIBUTES AND DIMENSIONS ARE LISTED ON SHEET 2 - AIRPORT DATA SHEET.
8. MAIN APRON FUEL STORAGE CONSISTS OF ONE 12,000-GAL TANK (100 LL AVGAS) (CITY) AND ONE 10,000-GAL TANK (JET A) (PRIVATE). PRIVATE APRON FUEL STORAGE CONSISTS OF TWO 16,000-GAL TANKS (100 LL AVGAS) AND ONE 8,000-GAL TANK (JET A).
9. THE AIRPORT PROPERTY LINE (APL) IS SHOWN ON SHEET 3 - TERMINAL AREA DRAWING.
10. TAXILANE TSA AND TOFA DEPICTED ON SHEET 3 - TERMINAL AREA DRAWING.
11. ELEVATIONS FOR TRAVERSEWAYS WHERE THEY INTERSECT THE EXTENDED RUNWAY CENTERLINE AND PART 77 APPROACH SURFACES ARE DEPICTED ON SHEET 8 - INNER PORTION OF THE APPROACH SURFACE DRAWING.



COTTONWOOD MUNICIPAL AIRPORT
COTTONWOOD, AZ

Kimley Horn

© 2022 KIMLEY-HORN AND ASSOCIATES, INC.
767 EUSTIS ST. SUITE #100
ST PAUL, MN 55114
(651) 645-4197

BY

APPR.

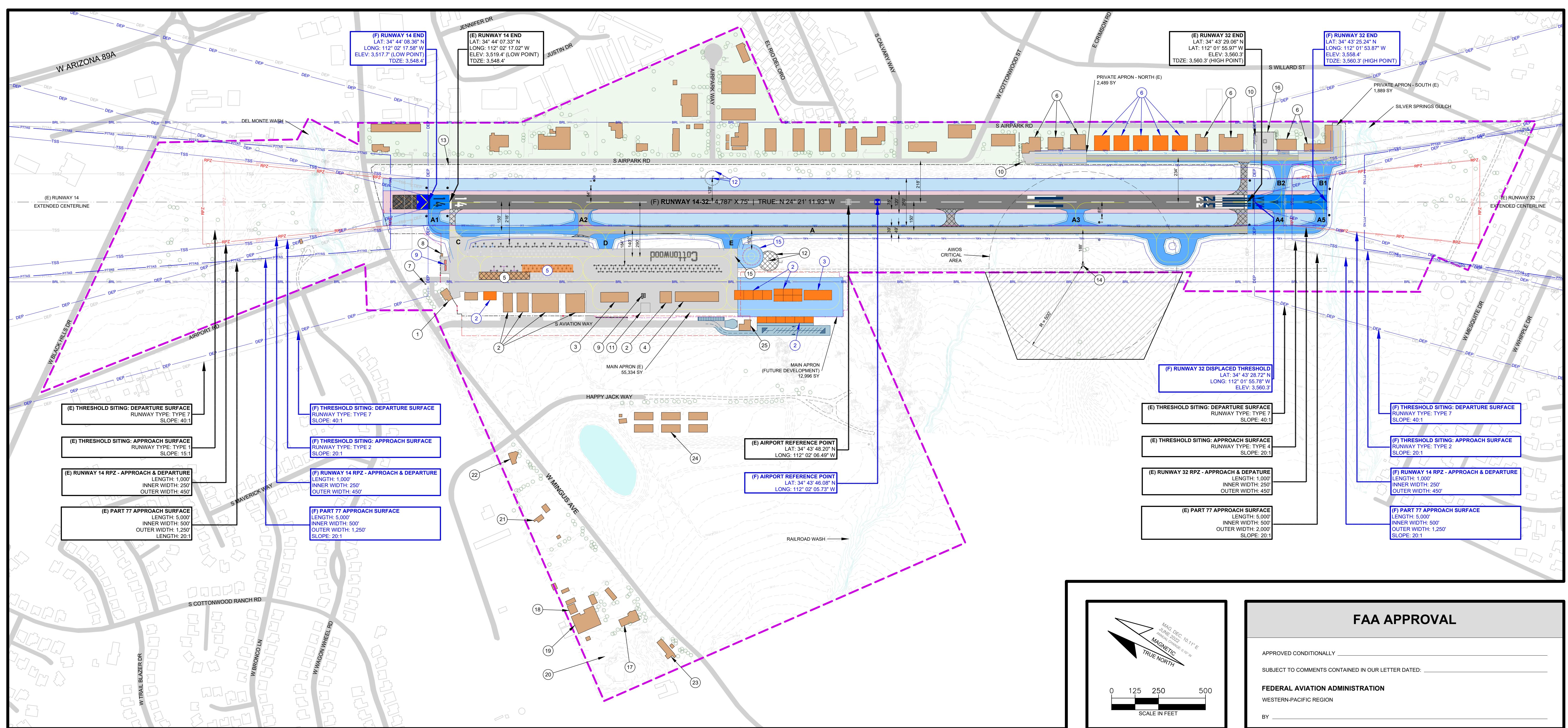
FAA DISCLAIMER

THE CONTENTS OF THIS PLAN DO NOT NECESSARILY REFLECT THE OFFICIAL VIEWS OR POLICY OF THE FEDERAL AVIATION ADMINISTRATION (FAA). ACCEPTANCE OF THIS DOCUMENT 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 LAW.

AIRPORT LAYOUT PLAN DRAWING (EXISTING)

5				
4				
3				
2				
1				
NO.	DATE	REVISIONS	BY	APPR.

JOB NO.	291447000	DRAWN	KH	CHECKED	CBW	SHEET
DATE:	DECEMBER 2022	DESIGNED	JTC	APPROVED	CBW	3 OF 40



LEGEND

DESCRIPTION	EXISTING	FUTURE	DESCRIPTION	EXISTING	FUTURE	DESCRIPTION	EXISTING	FUTURE
AIRPORT REFERENCE POINT (ARP)			GROUND CONTOURS			TAXIWAY / TAXILANE OBJECT FREE AREA (TOFA)		
WINDCONE			SAME			HOLD LINE		
RUNWAY END IDENTIFIER LIGHTS (REILS)			BUILDING RESTRICTION LINE (BRL)			HELICOPTER OPERATING AREA SAFETY AREA		
PRECISION APPROACH PATH INDICATOR (PAPI-2L)			THRESHOLD SITING: APPROACH SURFACE			AIRFIELD PAVEMENT (APRON TWY RWY BLAST PAD)		
PAPI POWER CONTROL UNIT (PCU)			THRESHOLD SITING: DEPARTURE SURFACE			ROADWAY / VEHICLE PARKING - PAVED		
AIRCRAFT TIEDOWN (STANDARD)			PART 77 APPROACH SURFACE			ROADWAY - GRAVEL / UNPAVED		
AIRCRAFT TIEDOWN (ITINERANT)			RUNWAY PROTECTION ZONE (RPZ)			PAVEMENT / BUILDING / FACILITY REMOVAL		
AIRCRAFT TIEDOWN (ELECTRIC CHARGING STATION)			RUNWAY SAFETY AREA (RSA)			ON-AIRPORT BUILDINGS / STRUCTURES		
AIRPORT PROPERTY LINE			RUNWAY OBJECT FREE AREA (ROFA)			OFF-AIRPORT BUILDINGS / STRUCTURES		
AIR OPERATIONS AREA (AOA) PERIMETER FENCE			RUNWAY OBSTACLE FREE ZONE (ROFZ)			CITY EASEMENT FOR AWOS CRITICAL AREA		
AOA PERIMETER FENCE REMOVAL	N/A		RUNWAY MARKINGS			WATER BODY / FEATURE		
AOA ACCESS GATE			TAXIWAY / TAXILANE CENTERLINES	NOT SHOWN		TREE		
AOA ACES GATE REMOVAL	N/A		TAXIWAY / TAXILANE SAFETY AREA (TSA)					

FACILITIES LIST

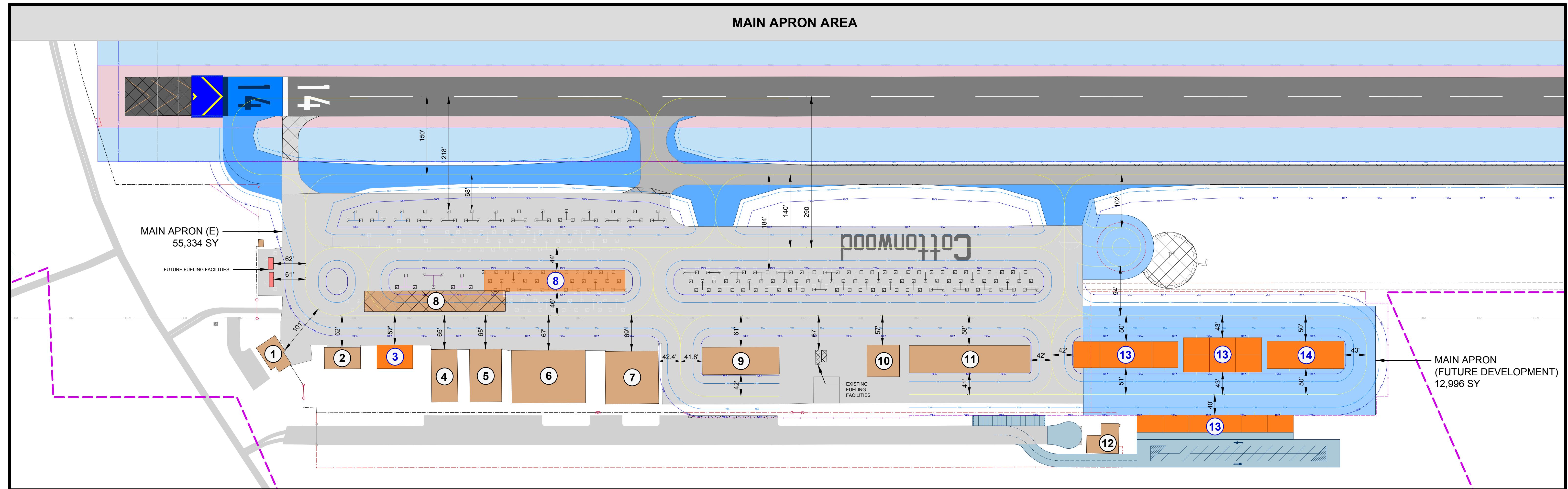
#	DESCRIPTION	#	DESCRIPTION
1	TERMINAL / ADMINISTRATION BUILDING	14	AUTOMATED WEATHER OBSERVING SYSTEM (AWOS III)
2	CONVENTIONAL HANGAR (E) / (F)	15	HELICOPTER OPERATING AREA (PRIVATE)
3	T-HANGAR (6-UNIT) (E) / (F)	16	HELICOPTER OPERATING AREA (PRIVATE)
4	T-HANGAR (10-UNIT)	17	CITY OF COTTONWOOD PUBLIC WORKS
5	SHADE HANGAR (E) / (F)	18	WASTEWATER TREATMENT PLANT
6	CONVENTIONAL HANGAR (PRIVATE) (E) / (F)	19	LIFT/PUMP STATION #5
7	ROTATING BEACON	20	SOLID WASTE TRANSFER STATION
8	ELECTRIC VAULT	21	FIRE TRAINING FACILITIES
9	FUEL STORAGE (MAIN APRON) (E) / (F)	22	YAVAPAI COLLEGE FIRE TRAINING CENTER
10	FUEL STORAGE (PRIVATE)	23	HUMANE SOCIETY
11	WASH RACK	24	AIR PARK MINI RV & BOAT STORAGE
12	SEGMENTED CIRCLE WITH LIGHTED WIND CONE (E) / (F)	25	EXPERIMENTAL AIRCRAFT ASSOCIATION BUILDING
13	SUPPLEMENTAL WIND CONE		

1. COORDINATE DATA - HORIZONTAL: NORTH AMERICAN DATUM OF 1983, ARIZONA STATE PLANE COORDINATE SYSTEM, CENTRAL ZONE, INTERNATIONAL SURVEY FEET. VERTICAL: NORTH AMERICAN DATUM OF 1988 (NAVD 88).
 2. AIRPORTS GEOGRAPHIC INFORMATION SYSTEM (AGIS) SURVEY PERFORMED JULY 2020.
 3. PERIMETER FENCE HEIGHT VARIES BY LOCATION AND RANGES FROM 4' TO 6'.
 4. BUILDING RESTRICTION LINE (BRL) IS BASED ON A MAXIMUM ALLOWABLE BUILDING HEIGHT OF 25' AT A DISTANCE OF 175' FROM THE PRIMARY SURFACE.
 5. AIRPORT DESIGN STANDARDS BASED ON FAA ADVISORY CIRCULAR 150/5300-13A, CHANGE 1.
 6. TAXIWAY LIGHTING (TAXILANE) AND TURN LINES BASED ON ENCL 10.1 OF THE BRIEF NO. 99A.
 7. TAXILANE TURN LINES AND DIMENSIONS ARE LISTED ON SHEET 5 - TERMINAL AREA DRAWING.
 8. MAIN APRON FUEL STORAGE CONSISTS OF ONE 12,000-GAL TANK (100 LL AVGAS) AND ONE 10,000-GAL TANK (JET A). PRIVATE APRON FUEL STORAGE CONSISTS OF ONE 16,000-GAL TANK AND ONE 6,000-GAL TANK.
 9. STANDARD RUNWAY WIDTH FOR ADG II IS 60'. THE FAA INDICATED THAT A BENEFIT-COST ANALYSIS MAY BE PERFORMED TO DETERMINE THE FINANCIAL FEASIBILITY OF MAINTAINING A 75' RUNWAY.
 10. TAXILANE (TAXA) AND ROFA (ROFZ) ARE DEPICTED ON SHEET 5 - TERMINAL AREA DRAWING.
 11. EXPERIMENTAL AIRCRAFT ASSOCIATION (EAA) PROPERTY IS OWNED BY THE CITY OF COTTONWOOD.
 12. EXPERIMENTAL AIRCRAFT ASSOCIATION (EAA) PROPERTY IS OWNED BY THE CITY OF COTTONWOOD.
 13. EXISTING RUNWAY CENTERLINE AND PART 77 APPROACH SURFACES ARE DEPICTED ON SHEET 8 - INNER PORTION OF THE APPROACH SURFACE DRAWING.

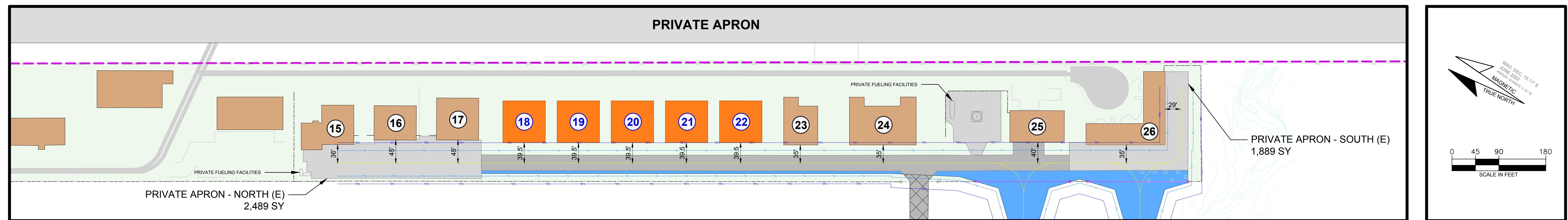


COTTONWOOD MUNICIPAL AIRPORT
COTTONWOOD, AZ

MAIN APRON AREA



PRIVATE APRON



LEGEND

DESCRIPTION	EXISTING	FUTURE	DESCRIPTION	EXISTING	FUTURE
AIRCRAFT TIEDOWN (STANDARD)	ST	ST	RUNWAY MARKINGS	■	■■■■■
AIRCRAFT TIEDOWN (ITINERANT)	IT	IT	TAXIWAY / TAXILANE CENTERLINES	NOT SHOWN	■■■■■
AIRCRAFT TIEDOWN (ELECTRIC CHARGING STATION)	N/A	ST	TAXIWAY / TAXILANE SAFETY AREA (TSA)	NOT SHOWN	■■■■■
AIRPORT PROPERTY LINE	—	—	TAXIWAY / TAXILANE OBJECT FREE AREA (TOFA)	NOT SHOWN	■■■■■
AIR OPERATIONS AREA (AOA) PERIMETER FENCE	— x — x —	— x — x —	HELICOPTER OPERATING AREA SAFETY AREA	NOT SHOWN	— x — x —
AOA PERIMETER FENCE REMOVAL	N/A	— x — x —	AIRFIELD PAVEMENT (APRON TWY RWY BLAST PAD)	■■■■■	■■■■■
AOA ACCESS GATE	— o — o —	— o — o —	ROADWAY / VEHICLE PARKING - PAVED	■■■■■	■■■■■
AOA ACCES GATE REMOVAL	N/A	— o — o —	ROADWAY - GRAVEL / UNPAVED	■■■■■	■■■■■
HOLD LINE	—	—	PAVEMENT / BUILDING / FACILITY REMOVAL	N/A	■■■■■
BUILDING RESTRICTION LINE (BRL)	— BRL —	SAME	ON-AIRPORT BUILDINGS / STRUCTURES	■■■■■	■■■■■
RUNWAY SAFETY AREA (RSA)	— RSA —	■■■■■	OFF-AIRPORT BUILDINGS / STRUCTURES	■■■■■	SAME
RUNWAY OBJECT FREE AREA (ROFA)	— ROFA —	■■■■■	WATER BODY / FEATURE	■■■■■	SAME
RUNWAY OBSTACLE FREE ZONE (ROFZ)	— ROFZ —	■■■■■	COTTONWOOD AIRPARK	■■■■■	SAME

BUILDING LIST

#	DESCRIPTION	TOP ELEVATION (MSL)	#	DESCRIPTION	TOP ELEVATION (MSL)
1	TERMINAL / ADMINISTRATION BUILDING (E)	3,544.0	14	T-HANGAR (6-UNIT) (F)	3,559.4
2	CONVENTIONAL HANGAR (E)	3,549.8	15	CONVENTIONAL HANGAR (PRIVATE) (E)	3,569.4
3	CONVENTIONAL HANGAR (F)	3,547.5	16	CONVENTIONAL HANGAR (PRIVATE) (E)	3,570.5
4	CONVENTIONAL HANGAR (E)	3,552.5	17	CONVENTIONAL HANGAR (PRIVATE) (E)	3,572.0
5	CONVENTIONAL HANGAR (E)	3,560.8	18	CONVENTIONAL HANGAR (PRIVATE) (F)	3,573.3
6	CONVENTIONAL HANGAR (E)	3,566.5	19	CONVENTIONAL HANGAR (PRIVATE) (F)	3,573.3
7	CONVENTIONAL HANGAR (E)	3,562.6	20	CONVENTIONAL HANGAR (PRIVATE) (F)	3,573.3
8	SHADE HANGAR (E) (TO BE RELOCATED) / SHADE HANGAR (F)	3,543.3	21	CONVENTIONAL HANGAR (PRIVATE) (F)	3,573.3
9	T-HANGAR (6-UNIT) (E)	3,555.4	22	CONVENTIONAL HANGAR (PRIVATE) (F)	3,573.3
10	CONVENTIONAL HANGAR (E)	3,568.8	23	CONVENTIONAL HANGAR (PRIVATE) (E)	3,573.3
11	T-HANGAR (10-UNIT) (E)	3,559.4	24	CONVENTIONAL HANGAR (PRIVATE) (E)	3,570.0
12	EXPERIMENTAL AIRCRAFT ASSOCIATION BUILDING (E)	3,561.1	25	CONVENTIONAL HANGAR (PRIVATE) (E)	3,573.3
13	CONVENTIONAL HANGARS (F)	3,571.2	26	CONVENTIONAL HANGAR (PRIVATE) (E)	3,573.9

NOTES

1. COORDINATE DATA: HORIZONTAL - NORTH AMERICAN DATUM OF 1983, ARIZONA STATE PLANE COORDINATE SYSTEM, CENTRAL ZONE, INTERNATIONAL SURVEY FEET. VERTICAL - NORTH AMERICAN DATUM OF 1988 (NAVD 88).
2. AIRPORTS GEOGRAPHIC INFORMATION SYSTEM (AGIS) SURVEY PERFORMED JULY 2020.
3. PERIMETER FENCE HEIGHT VARIES BY LOCATION AND RANGES FROM 4' TO 6'.
4. BUILDING RESTRICTION LINE (BRL) IS BASED ON A MAXIMUM ALLOWABLE BUILDING HEIGHT OF 25' AT A DISTANCE OF 175' FROM THE PRIMARY SURFACE.
5. AIRPORT DESIGN STANDARDS BASED ON FAA ADVISORY CIRCULAR 150/5300-13A, CHANGE 1.
6. TAXIWAY LETTERING AND NUMBERING NOT LISTED ON SHEET - AIRPORT DATA SHEET.
7. MAIN APRON FUEL STORAGE CONSISTS OF ONE 12,000-GAL. TANK (400' X 100') AND ONE 10,000-GAL. TANK (JET A).
8. BUILDING NUMERICAL LABELS AND DESCRIPTIONS ARE FOR ALP IDENTIFICATION PURPOSES ONLY.
9. ELEVATIONS OF FUTURE HANGAR BUILDINGS MAY VARY BASED ON GRADING AND STRUCTURE HEIGHT.



COTTONWOOD MUNICIPAL AIRPORT
COTTONWOOD, AZ

Kimley Horn

© 2022 KIMLEY-HORN AND ASSOCIATES, INC.
767 EUSTIS ST. SUITE #100
ST PAUL, MN 55114
(651) 645-4197

BY

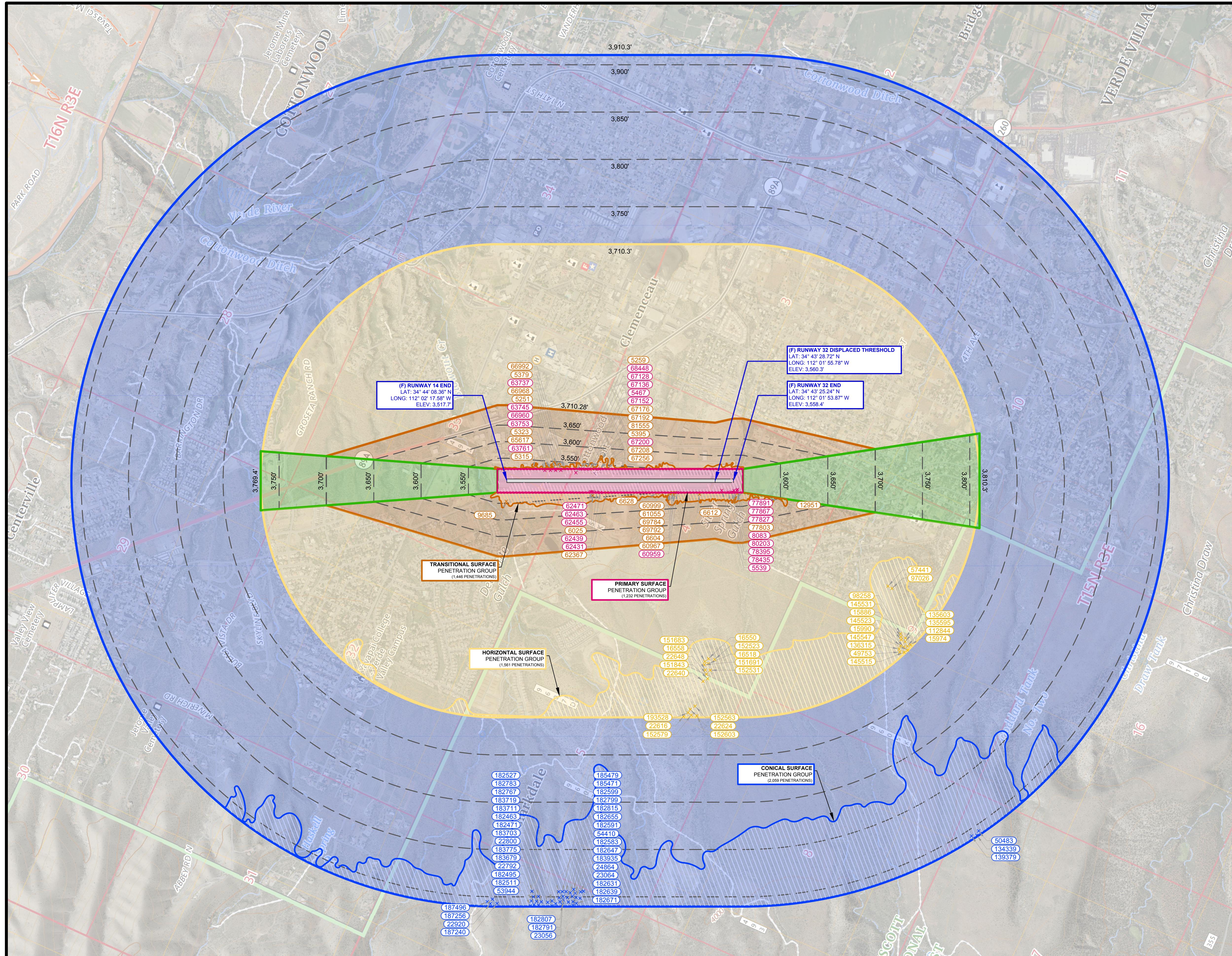
APPR.

FAA DISCLAIMER

THE CONTENTS OF THIS PLAN DO NOT NECESSARILY REFLECT THE OFFICIAL VIEWS OR POLICY OF THE FEDERAL AVIATION ADMINISTRATION (FAA). ACCEPTANCE OF THIS DOCUMENT 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 LAW.

TERMINAL AREA DRAWING

JOB NO.	291447000	DRAWN	KH	CHECKED	CBW
DATE:	DECEMBER 2022	DESIGNED	JTC	APPROVED	CBW

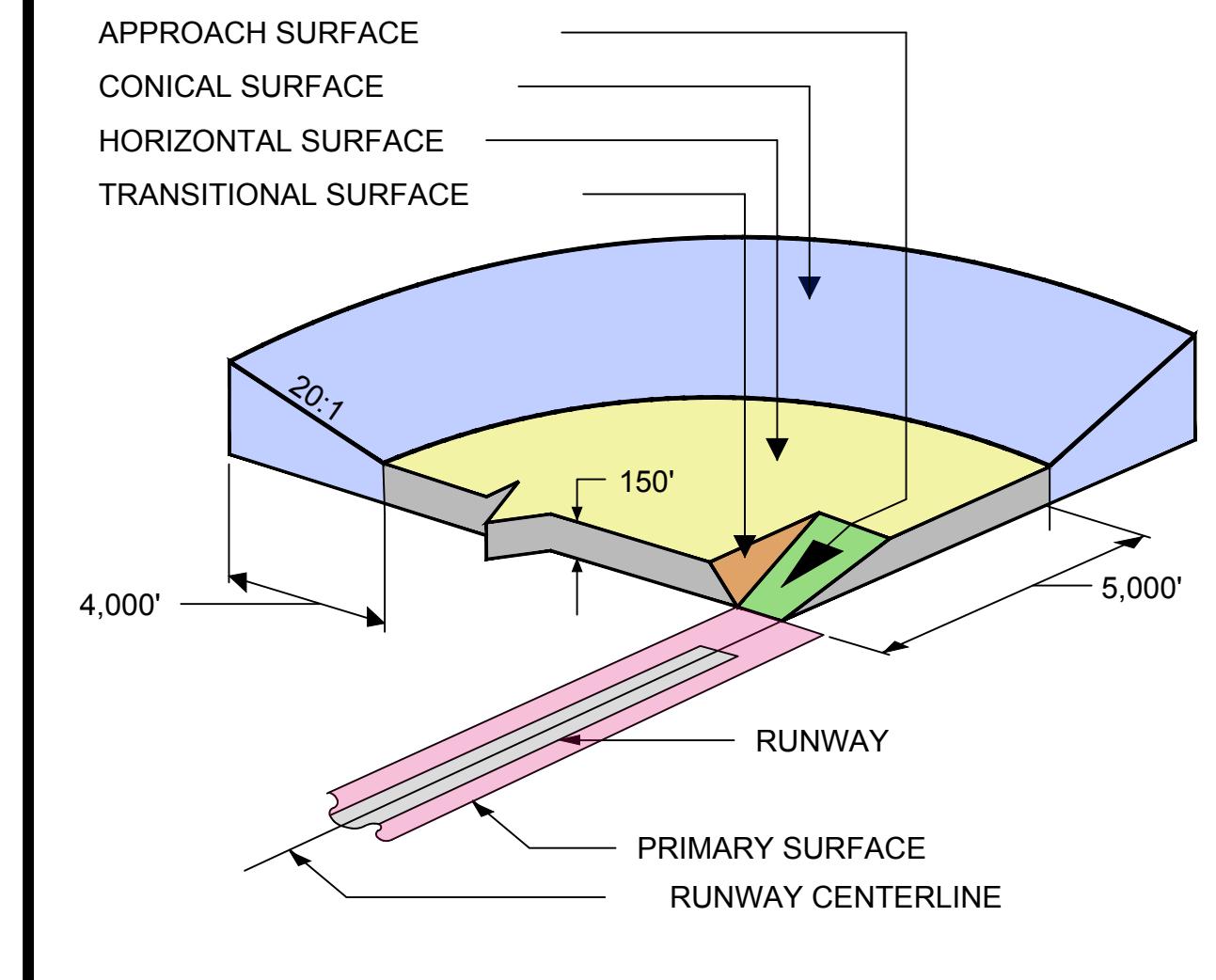


SUMMARY OF PENETRATIONS					
PENETRATION TYPE	PART 77 SURFACE				TOTAL
	PRIMARY	TRANSITIONAL	HORIZONTAL	CONICAL	
VEGETATION	1,074	1,309	1,495	1,966	5,844
GROUND	54	10	8	53	125
BUILDINGS/HANGARS	0	28	0	9	37
POLES/TOWERS	7	21	2	2	32
NAVAIDS	31	2	0	0	33
GROUND TRANSPORTATION	29	11	21	21	82
UTILITY INFRASTRUCTURE	3	18	7	4	32
FENCE	30	37	19	1	87
OTHER	0	6	6	0	12
TOTAL	1,228	1,442	1,558	2,056	6,284

TABLE NOTES:

- PART 77 APPROACH SURFACES SHOWN ON SHEET 34 - INNER PORTION OF THE APPROACH SURFACE DRAWING.
- PENETRATIONS SHOWN ON MAP REPRESENT TOP 2% OF PENETRATIONS TO EACH PART 77 SURFACE.
- PENETRATION GROUPS REPRESENT APPROXIMATE LOCATIONS OF ALL PENETRATIONS.
- COMPREHENSIVE LIST OF PENETRATIONS IS INCLUDED ON SHEETS 7 - 33.
- PENETRATION DESCRIPTIONS AS LISTED ON SHEETS 7 - 33 ARE GROUPED IN TABLE ABOVE PER THE FOLLOWING: VEGETATION = BUSH, SCRUB, TRAIL, GROWTH; GROWTH = GROWTH; BUILDINGS/HANGARS = BUILDING, HANGAR; POLES/TOWERS = ANTENNA, BEACON, POLE, POLE_LIGHT, POLE_UTIL, POST, TRANSMISSION_PYLON, VERTICAL_POINT; NAVAIDS = PAPI, PAPI_CONTROL_BOX, REIL, SIGN, WINDSOCK; GROUND TRANSPORTATION = PARKING_LOT, ROAD - PRIVATE, ROAD - PUBLIC, STREET SIGN; UTILITY INFRASTRUCTURE = A/G PIPE, DAM, ELEC_BOX, MISC_UTIL, SOLAR_PANELS.

PART 77 SURFACES LEGEND



NOTES

1. COORDINATE DATA - **HORIZONTAL**: NORTH AMERICAN DATUM OF 1983, ARIZONA STATE PLANE COORDINATE SYSTEM, CENTRAL ZONE, INTERNATIONAL SURVEY FEET. **VERTICAL**: NORTH AMERICAN DATUM OF 1988 (NAVD 88).
2. AIRPORTS GEOGRAPHIC INFORMATION SYSTEM (AGIS) SURVEY PERFORMED JULY 2020.
3. BASE MAP SOURCED FROM U.S. GEOLOGICAL SURVEY (USGS) TOPOBUILDER (ACCESSED OCTOBER 2022).
3. PART 77 SURFACES BASED ON 14 CFR PART 77.
4. PART 77 SURFACES SHOWN ON THIS SHEET REPRESENT FUTURE CONDITIONS PER SHEET 4 - AIRPORT LAYOUT PLAN (FUTURE).
5. 50' CONTOUR ELEVATIONS ARE SHOWN IN MEAN SEA LEVEL (MSL).
6. OBSTRUCTIONS SHOWN THIS SHEET REPRESENT PENETRATIONS TO PART 77 TRANSITIONAL SURFACE, HORIZONTAL SURFACE, AND CONICAL SURFACE. REFER TO SHEETS 8, 9, AND 10 FOR OBSTRUCTIONS TO PART 77 APPROACH SURFACES.
7. TRAVERSEWAY ELEVATIONS INCLUDE THE FOLLOWING ADJUSTMENTS: PRIVATE ROADS: 10', PUBLIC ROADS: 15'. NO INTERSTATE HIGHWAYS OR RAILROADS ARE LOCATED IN THE IMMEDIATE VICINITY OF THE AIRPORT.
8. SURVEY IDENTIFIED A TOTAL OF 6,298 OBSTRUCTIONS TO PART 77 SURFACES, NOT INCLUDING PART 77 APPROACH SURFACES. OBSTRUCTIONS SHOWN ON MAP REPRESENT TOP 2% OF PENETRATIONS TO EACH PART 77 SURFACE.
9. OBSTRUCTION GROUPS REPRESENT APPROXIMATE LOCATION OF ALL OBSTRUCTIONS. COMPREHENSIVE LISTS OF OBSTRUCTIONS TO EACH PART 77 SURFACE, NOT INCLUDING PART 77 APPROACH SURFACES, ARE INCLUDED ON SHEETS 7-33 - AIRPORT AIRSPACE DRAWING - PART 77 SURFACE OBSTRUCTION TABLES.



COTTONWOOD MUNICIPAL AIRPORT

COTTONWOOD, AZ

PART 77 SURFACE PENETRATIONS																			
POINT ID	SURFACE	DESCRIPTION	LATITUDE	LONGITUDE	OBSTRUCTION PEN VALUE	OBSTRUCTION ELEVATION (MSL)	OBSTRUCTION ELEVATION (AGL)	PROPOSED DISPOSITION	POINT ID	SURFACE	DESCRIPTION	LATITUDE	LONGITUDE	OBSTRUCTION PEN VALUE	OBSTRUCTION ELEVATION (MSL)	OBSTRUCTION ELEVATION (AGL)	PROPOSED DISPOSITION		
PRIMARY SURFACE PENETRATION GROUP										PRIMARY SURFACE PENETRATION GROUP (CONT.)									
5467	PRIMARY	TREE	N34° 43' 54.21"	W112° 02' 06.55"	30.1	3,565.3		TRIMREMOVE	56133	PRIMARY	TREE	N34° 43' 24.69"	W112° 01' 53.90"	10.2	3,569.1		TRIMREMOVE		
5539	PRIMARY	TREE	N34° 43' 26.63"	W112° 01' 57.30"	22.9	3,582.8		TRIMREMOVE	56141	PRIMARY	TREE	N34° 43' 25.08"	W112° 01' 54.52"	9.0	3,568.1		TRIMREMOVE		
5777	PRIMARY	GROUND	N34° 44' 01.20"	W112° 02' 14.27"	3.0	3,529.7		GRADE	56149	PRIMARY	TREE	N34° 43' 26.09"	W112° 01' 51.99"	9.6	3,568.7		TRIMREMOVE		
5785	PRIMARY	GROUND	N34° 44' 04.93"	W112° 02' 16.26"	0.8	3,523.7		GRADE	59823	PRIMARY	TREE	N34° 43' 28.04"	W112° 01' 53.06"	7.9	3,567.7		TRIMREMOVE		
5801	PRIMARY	GROUND	N34° 44' 05.14"	W112° 02' 18.20"	2.7	3,524.8		GRADE	59831	PRIMARY	TREE	N34° 43' 28.11"	W112° 01' 53.41"	8.3	3,568.2		TRIMREMOVE		
5809	PRIMARY	GROUND	N34° 44' 02.46"	W112° 02' 16.71"	4.0	3,528.9		GRADE	59839	PRIMARY	TREE	N34° 43' 28.50"	W112° 01' 53.41"	11.6	3,571.5		TRIMREMOVE		
5817	PRIMARY	GROUND	N34° 44' 00.66"	W112° 02' 15.45"	5.4	3,532.2		GRADE	59847	PRIMARY	TREE	N34° 43' 28.39"	W112° 01' 53.26"	9.1	3,569.1		TRIMREMOVE		
5825	PRIMARY	GROUND	N34° 43' 53.65"	W112° 02' 12.72"	6.8	3,540.5		GRADE	59855	PRIMARY	TREE	N34° 43' 28.66"	W112° 01' 53.60"	4.7	3,564.7		TRIMREMOVE		
5833	PRIMARY	GROUND	N34° 43' 58.63"	W112° 02' 15.47"	7.3	3,535.8		GRADE	59863	PRIMARY	TREE	N34° 43' 28.39"	W112° 01' 53.75"	6.4	3,566.3		TRIMREMOVE		
5841	PRIMARY	GROUND	N34° 43' 56.69"	W112° 02' 14.41"	8.1	3,538.6		GRADE	59871	PRIMARY	TREE	N34° 43' 28.52"	W112° 01' 53.93"	3.1	3,563.1		TRIMREMOVE		
5857	PRIMARY	GROUND	N34° 43' 55.51"	W112° 02' 12.19"	3.6	3,535.8		GRADE	59879	PRIMARY	TREE	N34° 43' 28.81"	W112° 01' 54.04"	11.8	3,571.9		TRIMREMOVE		
5945	PRIMARY	GROUND	N34° 43' 58.19"	W112° 02' 13.50"	3.8	3,533.4		GRADE	59887	PRIMARY	TREE	N34° 43' 29.01"	W112° 01' 54.12"	7.4	3,567.6		TRIMREMOVE		
5977	PRIMARY	GROUND	N34° 43' 42.33"	W112° 02' 04.83"	0.5	3,546.3		GRADE	59895	PRIMARY	TREE	N34° 43' 28.88"	W112° 01' 54.21"	6.5	3,566.7		TRIMREMOVE		
5985	PRIMARY	GROUND	N34° 43' 44.84"	W112° 02' 06.31"	1.0	3,544.2		GRADE	59903	PRIMARY	TREE	N34° 43' 28.85"	W112° 01' 53.90"	5.6	3,565.7		TRIMREMOVE		
5993	PRIMARY	GROUND	N34° 43' 46.80"	W112° 02' 07.39"	1.5	3,542.7		GRADE	59911	PRIMARY	TREE	N34° 43' 29.22"	W112° 01' 53.95"	6.3	3,566.6		TRIMREMOVE		
6001	PRIMARY	GROUND	N34° 43' 48.94"	W112° 02' 08.53"	2.0	3,541.0		GRADE	59919	PRIMARY	TREE	N34° 43' 29.17"	W112° 01' 54.20"	3.4	3,563.6		TRIMREMOVE		
6009	PRIMARY	GROUND	N34° 43' 51.08"	W112° 02' 09.73"	2.6	3,539.4		GRADE	59927	PRIMARY	SCRUB	N34° 43' 28.69"	W112° 01' 53.36"	1.4	3,561.4		TRIMREMOVE		
6017	PRIMARY	GROUND	N34° 43' 53.00"	W112° 02' 10.76"	2.9	3,537.7		GRADE	59951	PRIMARY	SCRUB	N34° 43' 30.38"	W112° 01' 54.24"	1.4	3,560.8		TRIMREMOVE		
6113	PRIMARY	TREE	N34° 43' 42.61"	W112° 02' 06.22"	11.6	3,556.7		TRIMREMOVE	59975	PRIMARY	TREE	N34° 43' 31.80"	W112° 01' 55.55"	7.0	3,564.7		TRIMREMOVE		
6636	PRIMARY	GROUND	N34° 43' 40.62"	W112° 02' 03.89"	0.3	3,547.9		GRADE	59983	PRIMARY	TREE	N34° 43' 31.86"	W112° 01' 55.36"	6.7	3,564.5		TRIMREMOVE		
6644	PRIMARY	GROUND	N34° 43' 38.76"	W112° 02' 02.91"	0.7	3,550.1		GRADE	59991	PRIMARY	TREE	N34° 43' 31.55"	W112° 01' 55.37"	4.2	3,562.3		TRIMREMOVE		
6652	PRIMARY	GROUND	N34° 43' 36.57"	W112° 02' 01.71"	0.1	3,551.8		GRADE	59999	PRIMARY	TREE	N34° 43' 31.65"	W112° 01' 55.47"	3.5	3,561.4		TRIMREMOVE		
6676	PRIMARY	GROUND	N34° 43' 34.39"	W112° 02' 00.55"	0.0	3,554.0		GRADE	60007	PRIMARY	TREE	N34° 43' 31.60"	W112° 01' 55.55"	4.1	3,562.0		TRIMREMOVE		
6724	PRIMARY	TREE	N34° 43' 33.60"	W112° 02' 01.12"	12.5	3,566.9		TRIMREMOVE	60015	PRIMARY	TREE	N34° 43' 31.64"	W112° 01' 55.65"	4.9	3,562.8		TRIMREMOVE		
6772	PRIMARY	TREE	N34° 43' 37.04"	W112° 02' 03.18"	17.5	3,568.3		TRIMREMOVE	60023	PRIMARY	TREE	N34° 43' 31.07"	W112° 01' 55.18"	6.7	3,565.2		TRIMREMOVE		
7671	PRIMARY	WINDSOCK	N34° 44' 08.19"	W112° 02' 14.88"	10.8	3,531.4	18.9	PROVIDE OL	60031	PRIMARY	TREE	N34° 43' 31.18"	W112° 01' 55.14"	4.7	3,563.1		TRIMREMOVE		
7679	PRIMARY	SIGN	N34° 44' 07.01"	W112° 02' 18.42"	2.6	3,523.1	2.9	DNH	60039	PRIMARY	TREE	N34° 43' 31.01"	W112° 01' 54.96"	9.2	3,567.8		TRIMREMOVE		
7703	PRIMARY	FENCE	N34° 44' 08.03"	W112° 02' 19.62"	9.8	3,529.0	7.2	REMOVE/LOWER/PROVIDE OL	60047	PRIMARY	TREE	N34° 43' 31.09"	W112° 01' 54.80"	8.1	3,566.7		TRIMREMOVE		
7711	PRIMARY	FENCE	N34° 44' 09.20"	W112° 02' 20.26"	8.5	3,528.5	6.6	REMOVE/LOWER/PROVIDE OL	60055	PRIMARY	TREE	N34° 43' 31.08"	W112° 01' 54.67"	8.1	3,566.7		TRIMREMOVE		
7925	PRIMARY	TREE	N34° 43' 27.98"	W112° 01' 53.51"	16.5	3,576.3		TRIMREMOVE	60063	PRIMARY	TREE	N34° 43' 30.50"	W112° 01' 54.63"	5.7	3,564.9		TRIMREMOVE		
7933	PRIMARY	TREE	N34° 43' 29.23"	W112° 01' 53.63"	10.2	3,570.5		TRIMREMOVE	60071	PRIMARY	TREE	N34° 43' 30.61"	W112° 01' 54.70"	4.0	3,563.0		TRIMREMOVE		
7941	PRIMARY	TREE	N34° 43' 26.25"	W112° 01' 52.58"	14.6	3,573.8		TRIMREMOVE	60079	PRIMARY	TREE	N34° 43' 30.65"	W112° 01' 54.88"	3.8	3,562.8		TRIMREMOVE		
7949	PRIMARY	TREE	N34° 43' 26.27"	W112° 01' 52.77"	9.0	3,568.3		TRIMREMOVE	60087	PRIMARY	TREE	N34° 43' 30.70"	W112° 01' 54.77"	3.7	3,562.6		TRIMREMOVE		
7957	PRIMARY	TREE	N34° 43' 26.17"	W112° 01' 52.11"	11.1	3,570.2		TRIMREMOVE	60095	PRIMARY	TREE	N34° 43' 30.51"	W112° 01' 54.83"	5.8	3,564.9		TRIMREMOVE		
7965	PRIMARY	TREE	N34° 43' 26.03"	W112° 01' 52.18"	12.2	3,571.3		TRIMREMOVE	60103	PRIMARY	TREE	N34° 43' 30.38"	W112° 01' 54.78"	2.1	3,561.3		TRIMREMOVE		
7973	PRIMARY	TREE	N34° 43' 26.34"	W112° 01' 52.12"	9.1	3,568.3		TRIMREMOVE	60111	PRIMARY	TREE	N34° 43' 32.10"	W112° 01' 55.75"	6.4	3,563.9		TRIMREMOVE		
7981	PRIMARY	TREE	N34° 43' 25.64"	W112° 01' 52.20"	11.7	3,570.7		TRIMREMOVE	60119	PRIMARY	TREE	N34° 43' 32.27"	W112° 01' 55.42"	7.0	3,564.4</				

PART 77 SURFACE PENETRATIONS																			
POINT ID	SURFACE	DESCRIPTION	LATITUDE	LONGITUDE	OBSTRUCTION PEN VALUE	OBSTRUCTION ELEVATION (MSL)	OBSTRUCTION ELEVATION (AGL)	PROPOSED DISPOSITION	POINT ID	SURFACE	DESCRIPTION	LATITUDE	LONGITUDE	OBSTRUCTION PEN VALUE	OBSTRUCTION ELEVATION (MSL)	OBSTRUCTION ELEVATION (AGL)	PROPOSED DISPOSITION		
PRIMARY SURFACE PENETRATION GROUP (CONT.)										PRIMARY SURFACE PENETRATION GROUP (CONT.)									
61567	PRIMARY	TREE	N34° 43' 40.83"	W112° 02' 05.28"	3.1	3,550.0		TRIM/REMOVE	64073	PRIMARY	FENCE	N34° 43' 55.78"	W112° 02' 08.04"	6.3	3,539.7	6.6	REMOVE/LOWER/PROVIDE OL		
61575	PRIMARY	TREE	N34° 43' 42.18"	W112° 02' 06.12"	10.4	3,556.0		TRIM/REMOVE	64081	PRIMARY	FENCE	N34° 43' 56.77"	W112° 02' 08.59"	5.9	3,538.2	5.8	REMOVE/LOWER/PROVIDE OL		
61583	PRIMARY	TREE	N34° 43' 42.26"	W112° 02' 06.13"	7.8	3,553.2		TRIM/REMOVE	64089	PRIMARY	FENCE	N34° 43' 57.93"	W112° 02' 09.22"	6.5	3,537.6	6.1	REMOVE/LOWER/PROVIDE OL		
61591	PRIMARY	TREE	N34° 43' 42.52"	W112° 02' 06.43"	9.3	3,554.5		TRIM/REMOVE	64097	PRIMARY	FENCE	N34° 43' 58.91"	W112° 02' 09.76"	7.2	3,537.3	6.6	REMOVE/LOWER/PROVIDE OL		
61594	PRIMARY	TREE	N34° 43' 42.60"	W112° 02' 06.64"	8.7	3,553.7		TRIM/REMOVE	64105	PRIMARY	FENCE	N34° 43' 59.05"	W112° 02' 10.39"	7.9	3,536.8	6.6	REMOVE/LOWER/PROVIDE OL		
61607	PRIMARY	TREE	N34° 43' 43.10"	W112° 02' 06.40"	10.3	3,555.0		TRIM/REMOVE	64113	PRIMARY	FENCE	N34° 44' 01.10"	W112° 02' 10.96"	7.9	3,535.7	6.4	REMOVE/LOWER/PROVIDE OL		
61615	PRIMARY	TREE	N34° 43' 43.18"	W112° 02' 06.51"	11.2	3,555.7		TRIM/REMOVE	64121	PRIMARY	FENCE	N34° 44' 02.33"	W112° 02' 11.64"	7.0	3,533.6	6.6	REMOVE/LOWER/PROVIDE OL		
61623	PRIMARY	TREE	N34° 43' 43.12"	W112° 02' 06.86"	9.5	3,554.0		TRIM/REMOVE	64129	PRIMARY	FENCE	N34° 44' 03.46"	W112° 02' 12.26"	5.2	3,530.6	6.6	REMOVE/LOWER/PROVIDE OL		
61631	PRIMARY	TREE	N34° 43' 43.31"	W112° 02' 06.85"	8.9	3,553.2		TRIM/REMOVE	64137	PRIMARY	FENCE	N34° 44' 04.51"	W112° 02' 12.84"	1.8	3,526.2	6.3	REMOVE/LOWER/PROVIDE OL		
61639	PRIMARY	TREE	N34° 43' 43.48"	W112° 02' 06.60"	14.4	3,558.7		TRIM/REMOVE	64361	PRIMARY	FENCE	N34° 43' 28.02"	W112° 01' 52.77"	1.4	3,561.1	6.1	REMOVE/LOWER/PROVIDE OL		
61647	PRIMARY	TREE	N34° 43' 43.85"	W112° 02' 06.82"	11.8	3,555.7		TRIM/REMOVE	64369	PRIMARY	FENCE	N34° 43' 27.06"	W112° 01' 52.25"	0.5	3,559.9	6.1	REMOVE/LOWER/PROVIDE OL		
61655	PRIMARY	TREE	N34° 43' 43.75"	W112° 02' 07.01"	9.6	3,553.5		TRIM/REMOVE	64377	PRIMARY	FENCE	N34° 43' 26.11"	W112° 01' 51.72"	1.6	3,560.7	6.3	REMOVE/LOWER/PROVIDE OL		
61663	PRIMARY	TREE	N34° 43' 43.87"	W112° 02' 07.38"	9.8	3,553.5		TRIM/REMOVE	64385	PRIMARY	FENCE	N34° 43' 25.15"	W112° 01' 51.19"	3.0	3,561.8	7.1	REMOVE/LOWER/PROVIDE OL		
61671	PRIMARY	TREE	N34° 43' 44.05"	W112° 02' 07.39"	11.7	3,555.2		TRIM/REMOVE	64393	PRIMARY	FENCE	N34° 43' 23.74"	W112° 01' 52.81"	4.6	3,563.1	6.1	REMOVE/LOWER/PROVIDE OL		
61679	PRIMARY	TREE	N34° 43' 44.28"	W112° 02' 07.56"	10.0	3,553.2		TRIM/REMOVE	64617	PRIMARY	SIGN	N34° 43' 48.61"	W112° 02' 05.35"	4.5	3,544.8	5.3	DNH		
62167	PRIMARY	TREE	N34° 43' 45.01"	W112° 02' 07.76"	11.9	3,554.5		TRIM/REMOVE	64625	PRIMARY	SIGN	N34° 43' 39.56"	W112° 02' 00.37"	2.7	3,552.3	5.1	DNH		
62199	PRIMARY	TREE	N34° 43' 45.21"	W112° 02' 08.07"	9.4	3,551.7		TRIM/REMOVE	64633	PRIMARY	SIGN	N34° 43' 42.62"	W112° 02' 04.20"	2.1	3,547.9	2.8	DNH		
62207	PRIMARY	TREE	N34° 43' 45.31"	W112° 02' 08.00"	9.0	3,551.2		TRIM/REMOVE	64641	PRIMARY	SIGN	N34° 43' 43.49"	W112° 02' 05.37"	3.5	3,548.1	3.2	DNH		
62215	PRIMARY	TREE	N34° 43' 45.46"	W112° 02' 07.66"	15.3	3,557.4		TRIM/REMOVE	64649	PRIMARY	SIGN	N34° 43' 43.72"	W112° 02' 04.81"	1.8	3,546.4	3.1	DNH		
62223	PRIMARY	TREE	N34° 43' 45.70"	W112° 02' 07.82"	11.2	3,553.2		TRIM/REMOVE	64657	PRIMARY	SIGN	N34° 43' 57.63"	W112° 02' 10.31"	5.1	3,536.1	4.8	DNH		
62231	PRIMARY	TREE	N34° 43' 45.90"	W112° 02' 07.86"	13.4	3,555.2		TRIM/REMOVE	64665	PRIMARY	PAPI_CONTROL_BOX	N34° 44' 00.67"	W112° 02' 11.94"	4.0	3,531.8	3.7	DNH		
62239	PRIMARY	TREE	N34° 43' 45.97"	W112° 02' 08.07"	11.1	3,552.7		TRIM/REMOVE	64673	PRIMARY	PAPI	N34° 44' 01.01"	W112° 02' 12.07"	3.3	3,530.9	2.7	DNH		
62247	PRIMARY	TREE	N34° 43' 46.29"	W112° 02' 08.13"	9.1	3,550.5		TRIM/REMOVE	64681	PRIMARY	PAPI	N34° 44' 00.90"	W112° 02' 12.35"	3.6	3,531.2	3.0	DNH		
62255	PRIMARY	TREE	N34° 43' 46.54"	W112° 02' 08.42"	17.6	3,558.7		TRIM/REMOVE	64689	PRIMARY	SIGN	N34° 44' 00.04"	W112° 02' 13.78"	6.4	3,534.3	3.5	DNH		
62319	PRIMARY	TREE	N34° 43' 46.11"	W112° 02' 08.60"	11.6	3,553.0		TRIM/REMOVE	64697	PRIMARY	SIGN	N34° 43' 59.96"	W112° 02' 14.36"	7.4	3,535.1	3.8	DNH		
62375	PRIMARY	TREE	N34° 43' 47.91"	W112° 02' 09.53"	17.1	3,556.7		TRIM/REMOVE	64705	PRIMARY	SIGN	N34° 44' 00.83"	W112° 02' 15.13"	7.4	3,534.1	3.5	DNH		
62384	PRIMARY	TREE	N34° 43' 46.91"	W112° 02' 08.54"	14.1	3,554.8		TRIM/REMOVE	64713	PRIMARY	SIGN	N34° 44' 00.92"	W112° 02' 15.61"	6.7	3,533.3	3.2	DNH		
62391	PRIMARY	TREE	N34° 43' 47.10"	W112° 02' 09.17"	15.4	3,555.7		TRIM/REMOVE	64721	PRIMARY	SIGN	N34° 44' 06.28"	W112° 02' 18.30"	3.5	3,524.6	3.6	DNH		
62431	PRIMARY	TREE	N34° 43' 49.55"	W112° 02' 10.52"	20.5	3,558.3		TRIM/REMOVE	64729	PRIMARY	SIGN	N34° 44' 05.99"	W112° 02' 18.43"	4.0	3,525.3	3.1	DNH		
62438	PRIMARY	TREE	N34° 43' 50.24"	W112° 02' 10.81"	26.0	3,563.1		TRIM/REMOVE	64737	PRIMARY	SIGN	N34° 44' 06.37"	W112° 02' 17.26"	2.8	3,524.1	3.6	DNH		
62447	PRIMARY	TREE	N34° 43' 50.59"	W112° 02' 10.99"	19.6	3,556.4		TRIM/REMOVE	64905	PRIMARY	FENCE	N34° 43' 30.68"	W112° 01' 54.24"	3.6	3,562.8	6.8	REMOVE/LOWER/PROVIDE OL		
62455	PRIMARY	TREE	N34° 43' 50.99"	W112° 02' 11.12"	21.3	3,557.7		TRIM/REMOVE	64961	PRIMARY	FENCE	N34° 43' 38.21"	W112° 01' 58.37"	3.3	3,554.7	7.3	REMOVE/LOWER/PROVIDE OL		
62463	PRIMARY	TREE	N34° 43' 51.24"	W112° 02' 11.22"	22.5	3,558.7		TRIM/REMOVE	64977	PRIMARY	FENCE	N34° 43' 39.47"	W112° 01' 59.05"	5.2	3,555.3	7.5	REMOVE/LOWER/PROVIDE OL		
62471	PRIMARY	TREE	N34° 43' 51.48"	W112° 02' 11.33"	21.3	3,557.2		TRIM/REMOVE	64985	PRIMARY	FENCE	N34° 43' 28.93"	W112° 01' 53.26"	2.1	3,562.1	7.7	REMOVE/LOWER/PROVIDE OL		
62647	PRIMARY	TREE	N34° 43' 47.68"	W112° 02' 09.27"	14.6	3,554.5		TRIM/REMOVE	64993	PRIMARY	TREE	N34° 43' 37.84"	W112° 02' 04.02"	3.8	3,553.7		TRIM/REMOVE		
62655	PRIMARY	TREE	N34° 43' 40.45"	W112° 02' 05.44"	6.9														

PART 77 SURFACE PENETRATIONS																			
POINT ID	SURFACE	DESCRIPTION	LATITUDE	LONGITUDE	OBSTRUCTION PEN VALUE	OBSTRUCTION ELEVATION (MSL)	OBSTRUCTION ELEVATION (AGL)	PROPOSED DISPOSITION	POINT ID	SURFACE	DESCRIPTION	LATITUDE	LONGITUDE	OBSTRUCTION PEN VALUE	OBSTRUCTION ELEVATION (MSL)	OBSTRUCTION ELEVATION (AGL)	PROPOSED DISPOSITION		
PRIMARY SURFACE PENETRATION GROUP (CONT.)										PRIMARY SURFACE PENETRATION GROUP (CONT.)									
68120	PRIMARY	TREE	N34° 43' 44.07"	W112° 02' 01.97"	1.1	3,546.3		TRIM/REMOVE	69056	PRIMARY	SCRUB	N34° 43' 42.08"	W112° 02' 06.25"	5.9	3,551.5		TRIM/REMOVE		
68126	PRIMARY	TREE	N34° 43' 45.14"	W112° 02' 02.43"	1.0	3,545.2		TRIM/REMOVE	69054	PRIMARY	SCRUB	N34° 43' 42.20"	W112° 02' 06.35"	6.7	3,552.1		TRIM/REMOVE		
68134	PRIMARY	TREE	N34° 43' 46.24"	W112° 02' 03.69"	10.0	3,552.9		TRIM/REMOVE	69080	PRIMARY	SCRUB	N34° 43' 41.99"	W112° 02' 06.36"	6.1	3,551.7		TRIM/REMOVE		
68144	PRIMARY	TREE	N34° 43' 46.18"	W112° 02' 03.41"	4.4	3,547.4		TRIM/REMOVE	69088	PRIMARY	SCRUB	N34° 43' 42.27"	W112° 02' 06.49"	4.1	3,549.4		TRIM/REMOVE		
68152	PRIMARY	TREE	N34° 43' 46.35"	W112° 02' 03.40"	5.4	3,548.3		TRIM/REMOVE	69095	PRIMARY	SCRUB	N34° 43' 42.34"	W112° 02' 06.39"	4.1	3,549.4		TRIM/REMOVE		
68160	PRIMARY	TREE	N34° 43' 46.55"	W112° 02' 03.50"	5.6	3,548.3		TRIM/REMOVE	69104	PRIMARY	SCRUB	N34° 43' 42.38"	W112° 02' 06.22"	5.1	3,550.4		TRIM/REMOVE		
68168	PRIMARY	TREE	N34° 43' 46.48"	W112° 02' 03.24"	2.0	3,544.8		TRIM/REMOVE	69112	PRIMARY	SCRUB	N34° 43' 42.40"	W112° 02' 06.33"	4.4	3,549.6		TRIM/REMOVE		
68200	PRIMARY	TREE	N34° 43' 46.78"	W112° 02' 03.49"	0.8	3,543.2		TRIM/REMOVE	69136	PRIMARY	SCRUB	N34° 43' 42.82"	W112° 02' 06.74"	5.7	3,550.5		TRIM/REMOVE		
68208	PRIMARY	TREE	N34° 43' 46.65"	W112° 02' 03.61"	1.7	3,544.2		TRIM/REMOVE	69144	PRIMARY	SCRUB	N34° 43' 42.75"	W112° 02' 06.50"	6.7	3,551.6		TRIM/REMOVE		
68216	PRIMARY	TREE	N34° 43' 46.77"	W112° 02' 03.72"	1.9	3,544.3		TRIM/REMOVE	69152	PRIMARY	SCRUB	N34° 43' 43.02"	W112° 02' 06.68"	7.7	3,552.4		TRIM/REMOVE		
68224	PRIMARY	TREE	N34° 43' 46.77"	W112° 02' 03.98"	8.1	3,550.4		TRIM/REMOVE	69160	PRIMARY	SCRUB	N34° 43' 43.02"	W112° 02' 06.68"	7.8	3,552.5		TRIM/REMOVE		
68232	PRIMARY	TREE	N34° 43' 46.61"	W112° 02' 03.87"	5.8	3,548.3		TRIM/REMOVE	69168	PRIMARY	SCRUB	N34° 43' 43.28"	W112° 02' 06.70"	7.7	3,552.1		TRIM/REMOVE		
68240	PRIMARY	TREE	N34° 43' 47.07"	W112° 02' 03.97"	6.1	3,548.2		TRIM/REMOVE	69176	PRIMARY	SCRUB	N34° 43' 43.15"	W112° 02' 06.72"	8.5	3,553.0		TRIM/REMOVE		
68244	PRIMARY	TREE	N34° 43' 47.21"	W112° 02' 04.18"	7.5	3,549.4		TRIM/REMOVE	69184	PRIMARY	SCRUB	N34° 43' 42.49"	W112° 02' 05.92"	6.7	3,552.0		TRIM/REMOVE		
68256	PRIMARY	TREE	N34° 43' 47.29"	W112° 02' 04.28"	10.2	3,552.0		TRIM/REMOVE	69192	PRIMARY	SCRUB	N34° 43' 42.66"	W112° 02' 05.92"	5.6	3,550.7		TRIM/REMOVE		
68264	PRIMARY	TREE	N34° 43' 47.29"	W112° 02' 04.01"	1.1	3,543.0		TRIM/REMOVE	69200	PRIMARY	SCRUB	N34° 43' 42.65"	W112° 02' 06.06"	5.0	3,550.1		TRIM/REMOVE		
68272	PRIMARY	TREE	N34° 43' 47.41"	W112° 02' 03.74"	7.2	3,549.0		TRIM/REMOVE	69208	PRIMARY	SCRUB	N34° 43' 42.76"	W112° 02' 05.98"	5.7	3,550.7		TRIM/REMOVE		
68280	PRIMARY	TREE	N34° 43' 47.54"	W112° 02' 03.89"	6.1	3,547.8		TRIM/REMOVE	69216	PRIMARY	SCRUB	N34° 43' 42.85"	W112° 02' 06.14"	5.2	3,550.1		TRIM/REMOVE		
68284	PRIMARY	TREE	N34° 43' 47.79"	W112° 02' 03.95"	1.9	3,543.3		TRIM/REMOVE	69224	PRIMARY	SCRUB	N34° 43' 43.09"	W112° 02' 06.25"	2.3	3,547.0		TRIM/REMOVE		
68296	PRIMARY	TREE	N34° 43' 47.71"	W112° 02' 04.37"	5.8	3,547.2		TRIM/REMOVE	69232	PRIMARY	SCRUB	N34° 43' 42.10"	W112° 02' 05.65"	5.6	3,551.4		TRIM/REMOVE		
68304	PRIMARY	TREE	N34° 43' 47.87"	W112° 02' 04.51"	8.3	3,549.5		TRIM/REMOVE	69240	PRIMARY	SCRUB	N34° 43' 41.90"	W112° 02' 05.55"	6.4	3,552.4		TRIM/REMOVE		
68320	PRIMARY	TREE	N34° 43' 48.34"	W112° 02' 04.57"	2.9	3,543.7		TRIM/REMOVE	69248	PRIMARY	SCRUB	N34° 43' 42.05"	W112° 02' 06.00"	4.9	3,550.6		TRIM/REMOVE		
68328	PRIMARY	TREE	N34° 43' 48.81"	W112° 02' 04.79"	8.0	3,548.3		TRIM/REMOVE	69256	PRIMARY	SCRUB	N34° 43' 41.74"	W112° 02' 06.18"	3.3	3,549.1		TRIM/REMOVE		
68336	PRIMARY	TREE	N34° 43' 49.62"	W112° 02' 04.96"	4.1	3,543.7		TRIM/REMOVE	69264	PRIMARY	SCRUB	N34° 43' 41.49"	W112° 02' 06.07"	5.9	3,552.0		TRIM/REMOVE		
68344	PRIMARY	TREE	N34° 43' 49.80"	W112° 02' 05.34"	5.7	3,544.9		TRIM/REMOVE	69272	PRIMARY	SCRUB	N34° 43' 41.31"	W112° 02' 05.99"	5.6	3,551.9		TRIM/REMOVE		
68352	PRIMARY	TREE	N34° 43' 50.05"	W112° 02' 05.01"	5.3	3,544.4		TRIM/REMOVE	69280	PRIMARY	SCRUB	N34° 43' 41.35"	W112° 02' 05.87"	4.8	3,551.1		TRIM/REMOVE		
68360	PRIMARY	TREE	N34° 43' 50.72"	W112° 02' 05.70"	8.7	3,547.0		TRIM/REMOVE	69285	PRIMARY	SCRUB	N34° 43' 41.11"	W112° 02' 05.85"	3.7	3,550.3		TRIM/REMOVE		
68368	PRIMARY	TREE	N34° 43' 50.75"	W112° 02' 05.76"	6.4	3,544.7		TRIM/REMOVE	69304	PRIMARY	SCRUB	N34° 43' 40.93"	W112° 02' 05.73"	4.3	3,551.0		TRIM/REMOVE		
68376	PRIMARY	TREE	N34° 43' 50.58"	W112° 02' 05.93"	11.3	3,549.8		TRIM/REMOVE	69312	PRIMARY	SCRUB	N34° 43' 41.00"	W112° 02' 05.61"	3.4	3,550.1		TRIM/REMOVE		
68384	PRIMARY	TREE	N34° 43' 50.99"	W112° 02' 05.87"	6.7	3,544.8		TRIM/REMOVE	69320	PRIMARY	SCRUB	N34° 43' 41.26"	W112° 02' 05.51"	2.5	3,549.0		TRIM/REMOVE		
68392	PRIMARY	TREE	N34° 43' 51.04"	W112° 02' 05.99"	7.2	3,545.2		TRIM/REMOVE	69328	PRIMARY	SCRUB	N34° 43' 41.39"	W112° 02' 05.54"	1.9	3,548.3		TRIM/REMOVE		
68400	PRIMARY	TREE	N34° 43' 51.25"	W112° 02' 05.98"	14.2	3,552.0		TRIM/REMOVE	69336	PRIMARY	SCRUB	N34° 43' 41.53"	W112° 02' 05.55"	2.1	3,548.4		TRIM/REMOVE		
68408	PRIMARY	TREE	N34° 43' 51.38"	W112° 02' 05.90"	14.9	3,552.6		TRIM/REMOVE	69344	PRIMARY	SCRUB	N34° 43' 41.75"	W112° 02' 05.60"	2.5	3,548.5		TRIM/REMOVE		
68416	PRIMARY	TREE	N34° 43' 51.78"	W112° 02' 06.12"	17.2	3,554.7		TRIM/REMOVE	69352	PRIMARY	SCRUB	N34° 43' 41.51"	W112° 02' 05.32"	3.7	3,550.0		TRIM/REMOVE		
68424	PRIMARY	TREE	N34° 43' 52.86"	W112° 02' 07.12"	15.5	3,551.6		TRIM/REMOVE	69360	PRIMARY	SCRUB	N34° 43' 41.45"	W112° 02' 05.29"	4.0	3,550.4		TRIM/REMOVE		
68432	PRIMARY	TREE	N34° 43' 53.31"	W112° 02' 07.60"	11.0	3,545.7		TRIM/REMOVE	69368	PRIMARY	SCRUB	N34° 43' 41.35"	W112° 02' 05.23"	3.6	3,55				

PART 77 SURFACE PENETRATIONS									
POINT ID	SURFACE	DESCRIPTION	LATITUDE	LONGITUDE	OBSTRUCTION PEN VALUE	OBSTRUCTION ELEVATION (MSL)	OBSTRUCTION ELEVATION (AGL)	PROPOSED DISPOSITION	
PRIMARY SURFACE PENETRATION GROUP (CONT.)									
70544	PRIMARY	SCRUB	N34° 43' 31.30"	W112° 01' 59.98"	6.7	3,563.5		TRIMREMOVE	
70552	PRIMARY	SCRUB	N34° 43' 31.26"	W112° 01' 59.71"	3.9	3,560.8		TRIMREMOVE	
70560	PRIMARY	SCRUB	N34° 43' 31.37"	W112° 01' 59.74"	4.0	3,560.8		TRIMREMOVE	
70568	PRIMARY	SCRUB	N34° 43' 31.49"	W112° 01' 59.80"	4.4	3,561.0		TRIMREMOVE	
70576	PRIMARY	SCRUB	N34° 43' 30.83"	W112° 01' 59.73"	6.7	3,564.0		TRIMREMOVE	
70584	PRIMARY	SCRUB	N34° 43' 30.72"	W112° 01' 59.74"	9.0	3,566.3		TRIMREMOVE	
70592	PRIMARY	SCRUB	N34° 43' 30.78"	W112° 01' 59.83"	9.0	3,566.2		TRIMREMOVE	
70600	PRIMARY	SCRUB	N34° 43' 30.56"	W112° 01' 59.88"	11.3	3,568.7		TRIMREMOVE	
70608	PRIMARY	SCRUB	N34° 43' 30.45"	W112° 01' 59.90"	9.0	3,566.5		TRIMREMOVE	
70672	PRIMARY	SCRUB	N34° 43' 29.95"	W112° 01' 59.65"	9.9	3,567.9		TRIMREMOVE	
70680	PRIMARY	SCRUB	N34° 43' 30.06"	W112° 01' 59.80"	9.1	3,567.0		TRIMREMOVE	
70688	PRIMARY	SCRUB	N34° 43' 30.25"	W112° 01' 59.82"	9.9	3,567.6		TRIMREMOVE	
70696	PRIMARY	SCRUB	N34° 43' 30.25"	W112° 01' 59.73"	10.2	3,567.9		TRIMREMOVE	
70704	PRIMARY	SCRUB	N34° 43' 30.40"	W112° 01' 59.69"	10.2	3,567.8		TRIMREMOVE	
70712	PRIMARY	SCRUB	N34° 43' 30.47"	W112° 01' 59.59"	9.7	3,567.3		TRIMREMOVE	
70720	PRIMARY	SCRUB	N34° 43' 30.41"	W112° 01' 59.40"	8.0	3,565.7		TRIMREMOVE	
70728	PRIMARY	SCRUB	N34° 43' 30.31"	W112° 01' 59.36"	8.7	3,566.5		TRIMREMOVE	
70736	PRIMARY	SCRUB	N34° 43' 30.13"	W112° 01' 59.30"	7.0	3,565.0		TRIMREMOVE	
70744	PRIMARY	SCRUB	N34° 43' 30.08"	W112° 01' 59.42"	9.2	3,567.2		TRIMREMOVE	
70752	PRIMARY	SCRUB	N34° 43' 29.84"	W112° 01' 59.26"	8.5	3,566.7		TRIMREMOVE	
70760	PRIMARY	SCRUB	N34° 43' 29.86"	W112° 01' 59.12"	8.0	3,566.2		TRIMREMOVE	
70768	PRIMARY	SCRUB	N34° 43' 29.91"	W112° 01' 59.16"	7.9	3,566.1		TRIMREMOVE	
70776	PRIMARY	SCRUB	N34° 43' 30.01"	W112° 01' 59.17"	6.6	3,564.7		TRIMREMOVE	
70784	PRIMARY	SCRUB	N34° 43' 29.94"	W112° 01' 59.47"	9.6	3,567.7		TRIMREMOVE	
70792	PRIMARY	SCRUB	N34° 43' 30.00"	W112° 01' 59.54"	9.3	3,567.3		TRIMREMOVE	
70800	PRIMARY	SCRUB	N34° 43' 30.16"	W112° 01' 59.80"	9.2	3,567.1		TRIMREMOVE	
70808	PRIMARY	SCRUB	N34° 43' 29.88"	W112° 01' 59.54"	10.6	3,568.7		TRIMREMOVE	
70816	PRIMARY	SCRUB	N34° 43' 29.82"	W112° 01' 59.60"	10.1	3,568.2		TRIMREMOVE	
70832	PRIMARY	SCRUB	N34° 43' 29.69"	W112° 01' 59.44"	10.1	3,568.4		TRIMREMOVE	
70840	PRIMARY	SCRUB	N34° 43' 29.64"	W112° 01' 59.41"	10.0	3,568.3		TRIMREMOVE	
70848	PRIMARY	SCRUB	N34° 43' 29.54"	W112° 01' 59.38"	9.6	3,568.1		TRIMREMOVE	
70856	PRIMARY	SCRUB	N34° 43' 29.59"	W112° 01' 59.26"	9.8	3,568.2		TRIMREMOVE	
70864	PRIMARY	SCRUB	N34° 43' 29.72"	W112° 01' 59.07"	7.8	3,566.2		TRIMREMOVE	
70872	PRIMARY	SCRUB	N34° 43' 29.69"	W112° 01' 58.97"	7.1	3,565.6		TRIMREMOVE	
70880	PRIMARY	TREE	N34° 43' 29.51"	W112° 01' 58.89"	10.8	3,569.4		TRIMREMOVE	
70888	PRIMARY	TREE	N34° 43' 29.35"	W112° 01' 58.91"	11.0	3,569.8		TRIMREMOVE	
70896	PRIMARY	SCRUB	N34° 43' 29.06"	W112° 01' 58.85"	9.2	3,568.3		TRIMREMOVE	
70904	PRIMARY	SCRUB	N34° 43' 29.02"	W112° 01' 58.87"	9.3	3,568.3		TRIMREMOVE	
70912	PRIMARY	SCRUB	N34° 43' 28.86"	W112° 01' 58.93"	9.3	3,568.4		TRIMREMOVE	
70920	PRIMARY	SCRUB	N34° 43' 28.80"	W112° 01' 59.10"	9.8	3,568.9		TRIMREMOVE	
70928	PRIMARY	SCRUB	N34° 43' 29.20"	W112° 01' 58.74"	8.1	3,567.1		TRIMREMOVE	
70936	PRIMARY	SCRUB	N34° 43' 29.20"	W112° 01' 58.99"	9.0	3,567.8		TRIMREMOVE	
70944	PRIMARY	SCRUB	N34° 43' 29.28"	W112° 01' 59.31"	10.1	3,568.8		TRIMREMOVE	
70952	PRIMARY	SCRUB	N34° 43' 29.30"	W112° 01' 59.22"	10.0	3,568.7		TRIMREMOVE	
70960	PRIMARY	SCRUB	N34° 43' 28.68"	W112° 01' 58.48"	7.5	3,567.0		TRIMREMOVE	
70968	PRIMARY	SCRUB	N34° 43' 28.71"	W112° 01' 58.71"	9.7	3,569.1		TRIMREMOVE	
70976	PRIMARY	SCRUB	N34° 43' 28.62"	W112° 01' 58.78"	9.8	3,569.2		TRIMREMOVE	
70984	PRIMARY	SCRUB	N34° 43' 28.52"	W112° 01' 58.76"	8.6	3,568.1		TRIMREMOVE	
70992	PRIMARY	SCRUB	N34° 43' 28.44"	W112° 01' 58.58"	8.9	3,568.6		TRIMREMOVE	
71000	PRIMARY	SCRUB	N34° 43' 28.34"	W112° 01' 58.62"	8.9	3,568.6		TRIMREMOVE	
71096	PRIMARY	SCRUB	N34° 43' 27.97"	W112° 01' 58.49"	10.1	3,570.2		TRIMREMOVE	
71104	PRIMARY	SCRUB	N34° 43' 28.09"	W112° 01' 58.53"	10.5	3,570.4		TRIMREMOVE	
71112	PRIMARY	SCRUB	N34° 43' 28.20"	W112° 01' 58.55"	9.6	3,569.4		TRIMREMOVE	
71120	PRIMARY	SCRUB	N34° 43' 28.42"	W112° 01' 58.35"	7.1	3,566.8		TRIMREMOVE	
71128	PRIMARY	SCRUB	N34° 43' 28.53"	W112° 01' 58.22"	4.4	3,564.1		TRIMREMOVE	
71136	PRIMARY	SCRUB	N34° 43' 28.17"	W112° 01' 58.08"	4.5	3,564.5		TRIMREMOVE	
71144	PRIMARY	SCRUB	N34° 43' 28.03"	W112° 01' 58.17"	8.7	3,568.8		TRIMREMOVE	
71152	PRIMARY	SCRUB	N34° 43' 27.97"	W112° 01' 57.95"	7.5	3,567.7		TRIMREMOVE	
71160	PRIMARY	SCRUB	N34° 43' 27.80"	W112° 01' 57.96"	10.2	3,570.4		TRIMREMOVE	
71168	PRIMARY	SCRUB	N34° 43' 27.86"	W112° 01' 58.10"	8.6	3,568.9		TRIMREMOVE	
71176	PRIMARY	SCRUB	N34° 43' 28.05"	W112° 01' 58.04"	4.5	3,564.6		TRIMREMOVE	
71184	PRIMARY	SCRUB	N34° 43' 28.03"	W112° 01' 57.39"	6.2	3,566.5		TRIMREMOVE	
71192	PRIMARY	SCRUB	N34° 43' 28.14"	W112° 01' 57.41"	5.0	3,565.2		TRIMREMOVE	
71200	PRIMARY	SCRUB	N34° 43' 28.25"	W112° 01' 57.22"	3.7	3,564.0		TRIMREMOVE	
71208	PRIMARY	SCRUB	N34° 43' 27.16"	W112° 01' 56.68"	4.6	3,564.5		TRIMREMOVE	
71216	PRIMARY	SCRUB	N34° 43' 27.46"	W112° 01' 56.88"	4.4	3,564.5		TRIMREMOVE	
71224	PRIMARY	GROUND	N34° 43' 26.52"	W112° 01' 56.72"	5.7	3,565.5		GRADE	
71232	PRIMARY	GROUND	N34° 43' 27.42"	W112° 01' 57.44"	5.0	3,565.1		GRADE	
71240	PRIMARY	GROUND	N34° 43' 26.94"	W112° 01' 56.02"	0.7	3,560.5		GRADE	
71248	PRIMARY	GROUND	N34° 43' 29.01"	W112° 01' 58.18"	0.7	3,560.0		GRADE	
71280	PRIMARY	GROUND	N34° 43' 37.57"	W112° 02' 02.29"</					

PART 77 SURFACE PENETRATIONS									
POINT ID	SURFACE	DESCRIPTION	LATITUDE	LONGITUDE	OBSTRUCTION PEN VALUE	OBSTRUCTION ELEVATION (MSL)	OBSTRUCTION ELEVATION (AGL)	PROPOSED DISPOSITION	
PRIMARY SURFACE PENETRATION GROUP (CONT.)									
74688	PRIMARY	SCRUB	N34° 43' 51.84"	W112° 02' 06.32"	6.0	3,543.3		TRIM/REMOVE	
74704	PRIMARY	BUSH	N34° 43' 51.35"	W112° 02' 04.99"	4.3	3,542.3		TRIM/REMOVE	
74712	PRIMARY	BUSH	N34° 43' 51.00"	W112° 02' 04.91"	2.2	3,540.6		TRIM/REMOVE	
74728	PRIMARY	BUSH	N34° 43' 50.27"	W112° 02' 04.45"	0.8	3,540.0		TRIM/REMOVE	
74736	PRIMARY	BUSH	N34° 43' 50.45"	W112° 02' 04.54"	0.1	3,539.1		TRIM/REMOVE	
74768	PRIMARY	BUSH	N34° 43' 51.87"	W112° 02' 05.27"	2.6	3,540.1		TRIM/REMOVE	
74808	PRIMARY	BUSH	N34° 43' 52.01"	W112° 02' 05.30"	2.1	3,539.5		TRIM/REMOVE	
74816	PRIMARY	BUSH	N34° 43' 51.99"	W112° 02' 05.42"	2.1	3,539.5		TRIM/REMOVE	
74864	PRIMARY	BUSH	N34° 43' 53.91"	W112° 02' 06.48"	3.1	3,538.5		TRIM/REMOVE	
74880	PRIMARY	BUSH	N34° 43' 54.39"	W112° 02' 06.69"	3.2	3,538.1		TRIM/REMOVE	
74884	PRIMARY	BUSH	N34° 43' 54.47"	W112° 02' 06.80"	3.1	3,537.9		TRIM/REMOVE	
74896	PRIMARY	BUSH	N34° 43' 54.63"	W112° 02' 06.88"	2.5	3,537.1		TRIM/REMOVE	
74904	PRIMARY	BUSH	N34° 43' 54.76"	W112° 02' 06.87"	4.7	3,539.3		TRIM/REMOVE	
74920	PRIMARY	BUSH	N34° 43' 55.19"	W112° 02' 07.18"	2.8	3,536.9		TRIM/REMOVE	
74968	PRIMARY	BUSH	N34° 43' 56.67"	W112° 02' 07.96"	2.9	3,535.5		TRIM/REMOVE	
74976	PRIMARY	MISC_UTIL	N34° 43' 59.95"	W112° 02' 09.73"	4.4	3,533.7	4.1	PROVIDE OL	
74984	PRIMARY	SCRUB	N34° 43' 50.17"	W112° 02' 10.59"	17.1	3,554.4		TRIM/REMOVE	
74992	PRIMARY	SCRUB	N34° 43' 50.70"	W112° 02' 10.95"	17.2	3,553.9		TRIM/REMOVE	
75000	PRIMARY	SCRUB	N34° 43' 50.45"	W112° 02' 10.91"	18.4	3,555.3		TRIM/REMOVE	
75008	PRIMARY	SCRUB	N34° 43' 50.58"	W112° 02' 10.85"	18.1	3,554.9		TRIM/REMOVE	
75016	PRIMARY	SCRUB	N34° 43' 49.24"	W112° 02' 07.00"	7.1	3,551.5		TRIM/REMOVE	
75024	PRIMARY	SCRUB	N34° 43' 49.82"	W112° 02' 06.82"	5.6	3,550.2		TRIM/REMOVE	
75032	PRIMARY	SCRUB	N34° 43' 42.88"	W112° 02' 06.58"	3.8	3,548.6		TRIM/REMOVE	
75048	PRIMARY	SCRUB	N34° 43' 41.23"	W112° 02' 05.86"	3.8	3,550.2		TRIM/REMOVE	
75056	PRIMARY	SCRUB	N34° 43' 41.12"	W112° 02' 05.52"	1.3	3,547.9		TRIM/REMOVE	
75064	PRIMARY	SCRUB	N34° 43' 33.37"	W112° 02' 01.52"	8.5	3,563.0		TRIM/REMOVE	
75072	PRIMARY	SCRUB	N34° 43' 32.77"	W112° 02' 00.54"	3.6	3,558.9		TRIM/REMOVE	
75080	PRIMARY	SCRUB	N34° 43' 32.50"	W112° 02' 01.09"	12.5	3,567.9		TRIM/REMOVE	
75096	PRIMARY	SCRUB	N34° 43' 37.23"	W112° 02' 03.10"	4.7	3,555.4		TRIM/REMOVE	
75104	PRIMARY	SCRUB	N34° 43' 37.32"	W112° 02' 03.60"	4.5	3,555.0		TRIM/REMOVE	
75112	PRIMARY	SCRUB	N34° 43' 42.21"	W112° 02' 05.66"	4.8	3,550.5		TRIM/REMOVE	
75120	PRIMARY	SCRUB	N34° 43' 50.91"	W112° 02' 10.55"	7.3	3,544.0		TRIM/REMOVE	
75128	PRIMARY	SCRUB	N34° 43' 50.94"	W112° 02' 10.47"	6.8	3,543.5		TRIM/REMOVE	
75687	PRIMARY	GROUND	N34° 44' 08.79"	W112° 02' 20.97"	3.8	3,521.9		GRADE	
77771	PRIMARY	TREE	N34° 43' 22.57"	W112° 01' 55.57"	17.4	3,575.8		TRIM/REMOVE	
77779	PRIMARY	TREE	N34° 43' 22.79"	W112° 01' 55.78"	16.9	3,575.4		TRIM/REMOVE	
77827	PRIMARY	TREE	N34° 43' 23.53"	W112° 01' 56.09"	22.4	3,581.1		TRIM/REMOVE	
77835	PRIMARY	TREE	N34° 43' 23.69"	W112° 01' 55.90"	18.9	3,577.7		TRIM/REMOVE	
77843	PRIMARY	TREE	N34° 43' 23.94"	W112° 01' 55.84"	15.1	3,574.0		TRIM/REMOVE	
77851	PRIMARY	TREE	N34° 43' 23.78"	W112° 01' 56.02"	13.4	3,572.2		TRIM/REMOVE	
77859	PRIMARY	TREE	N34° 43' 23.73"	W112° 01' 55.81"	20.0	3,578.8		TRIM/REMOVE	
77867	PRIMARY	TREE	N34° 43' 23.72"	W112° 01' 55.71"	22.5	3,581.3		TRIM/REMOVE	
77875	PRIMARY	TREE	N34° 43' 23.52"	W112° 01' 55.62"	19.6	3,578.3		TRIM/REMOVE	
77883	PRIMARY	TREE	N34° 43' 23.41"	W112° 01' 55.58"	19.1	3,577.8		TRIM/REMOVE	
77891	PRIMARY	TREE	N34° 43' 23.73"	W112° 01' 55.44"	21.3	3,580.0		TRIM/REMOVE	
77899	PRIMARY	TREE	N34° 43' 23.87"	W112° 01' 55.66"	15.0	3,573.8		TRIM/REMOVE	
77907	PRIMARY	TREE	N34° 43' 23.78"	W112° 01' 55.22"	15.0	3,573.7		TRIM/REMOVE	
77915	PRIMARY	TREE	N34° 43' 23.98"	W112° 01' 55.17"	14.2	3,573.0		TRIM/REMOVE	
77923	PRIMARY	TREE	N34° 43' 23.86"	W112° 01' 54.97"	15.8	3,574.6		TRIM/REMOVE	
77931	PRIMARY	TREE	N34° 43' 24.04"	W112° 01' 55.01"	15.3	3,574.1		TRIM/REMOVE	
77939	PRIMARY	TREE	N34° 43' 24.11"	W112° 01' 54.74"	12.8	3,571.6		TRIM/REMOVE	
77947	PRIMARY	TREE	N34° 43' 24.23"	W112° 01' 54.84"	11.9	3,570.7		TRIM/REMOVE	
77955	PRIMARY	TREE	N34° 43' 24.25"	W112° 01' 55.08"	11.4	3,570.3		TRIM/REMOVE	
77963	PRIMARY	TREE	N34° 43' 24.89"	W112° 01' 53.94"	9.2	3,568.1		TRIM/REMOVE	
77971	PRIMARY	TREE	N34° 43' 25.11"	W112° 01' 53.63"	6.4	3,565.4		TRIM/REMOVE	
77979	PRIMARY	TREE	N34° 43' 24.41"	W112° 01' 55.58"	19.1	3,577.8		TRIM/REMOVE	
77987	PRIMARY	TREE	N34° 43' 23.94"	W112° 01' 55.44"	21.3	3,580.0		TRIM/REMOVE	
77995	PRIMARY	TREE	N34° 43' 23.87"	W112° 01' 55.66"	15.0	3,573.8		TRIM/REMOVE	
78003	PRIMARY	TREE	N34° 43' 23.78"	W112° 01' 55.22"	15.0	3,573.7		TRIM/REMOVE	
78011	PRIMARY	TREE	N34° 43' 23.98"	W112° 01' 55.17"	14.2	3,573.0		TRIM/REMOVE	
78019	PRIMARY	TREE	N34° 43' 23.30"	W112° 01' 54.32"	10.2	3,568.7		TRIM/REMOVE	
78027	PRIMARY	TREE	N34° 43' 23.42"	W112° 01' 54.59"	10.0	3,568.6		TRIM/REMOVE	
78035	PRIMARY	TREE	N34° 43' 23.76"	W112° 01' 54.09"	9.1	3,567.7		TRIM/REMOVE	
78043	PRIMARY	TREE	N34° 43' 23.57"	W112° 01' 53.88"	7.2	3,565.7		TRIM/REMOVE	
78051	PRIMARY	TREE	N34° 43' 23.60"	W112° 01' 53.69"	7.3	3,565.9		TRIM/REMOVE	
78059	PRIMARY	TREE	N34° 43' 23.74"	W112° 01' 53.75"	7.0	3,565.6		TRIM/REMOVE	
78067	PRIMARY	TREE	N34° 43' 23.91"	W112° 01' 53.51"	4.3	3,562.9		TRIM/REMOVE	
78075	PRIMARY	TREE	N34° 43' 23.77"	W112° 01' 53.94"	5.5	3,564.1		TRIM/REMOVE	
78083	PRIMARY	TREE	N34° 43' 24.20"	W112° 01' 54.08"	7.6	3,566.4		TRIM/REMOVE	
78091	PRIMARY	TREE	N34° 43' 24.31"	W112° 01' 54.19"	7.3	3,566.1		TRIM/REMOVE	
78099									

PART 77 SURFACE PENETRATIONS									
POINT ID	SURFACE	DESCRIPTION	LATITUDE	LONGITUDE	OBSTRUCTION PEN VALUE	OBSTRUCTION ELEVATION (MSL)	OBSTRUCTION ELEVATION (AGL)	PROPOSED DISPOSITION	
PRIMARY SURFACE PENETRATION GROUP (CONT.)									
81179	PRIMARY	SCRUB	N34° 43' 25.52"	W112° 01' 53.44"	3.6	3,562.7		TRIM/REMOVE	
81187	PRIMARY	SCRUB	N34° 43' 25.44"	W112° 01' 53.08"	1.8	3,560.8		TRIM/REMOVE	
81195	PRIMARY	SCRUB	N34° 43' 25.12"	W112° 01' 53.18"	2.4	3,561.3		TRIM/REMOVE	
81203	PRIMARY	SCRUB	N34° 43' 25.17"	W112° 01' 53.29"	3.5	3,562.4		TRIM/REMOVE	
81211	PRIMARY	SCRUB	N34° 43' 25.15"	W112° 01' 54.11"	3.4	3,562.4		TRIM/REMOVE	
81219	PRIMARY	SCRUB	N34° 43' 25.02"	W112° 01' 54.14"	3.3	3,562.3		TRIM/REMOVE	
81227	PRIMARY	SCRUB	N34° 43' 25.13"	W112° 01' 53.69"	2.2	3,561.2		TRIM/REMOVE	
81233	PRIMARY	SCRUB	N34° 43' 25.25"	W112° 01' 53.49"	1.9	3,560.9		TRIM/REMOVE	
81243	PRIMARY	SCRUB	N34° 43' 25.45"	W112° 01' 53.23"	1.8	3,560.8		TRIM/REMOVE	
81251	PRIMARY	SCRUB	N34° 43' 26.70"	W112° 01' 52.63"	0.6	3,560.0		TRIM/REMOVE	
81259	PRIMARY	SCRUB	N34° 43' 26.49"	W112° 01' 52.87"	3.3	3,562.6		TRIM/REMOVE	
81275	PRIMARY	SCRUB	N34° 43' 26.87"	W112° 01' 53.02"	2.6	3,562.0		TRIM/REMOVE	
81283	PRIMARY	TREE	N34° 43' 26.04"	W112° 01' 52.30"	6.0	3,565.1		TRIM/REMOVE	
81331	PRIMARY	TREE	N34° 43' 24.23"	W112° 01' 52.75"	5.6	3,564.2		TRIM/REMOVE	
81339	PRIMARY	TREE	N34° 43' 25.26"	W112° 01' 53.04"	5.0	3,563.9		TRIM/REMOVE	
81347	PRIMARY	TREE	N34° 43' 25.06"	W112° 01' 51.81"	4.5	3,563.3		TRIM/REMOVE	
93658	PRIMARY	SCRUB	N34° 43' 25.17"	W112° 01' 56.81"	11.7	3,571.1		TRIM/REMOVE	
93666	PRIMARY	SCRUB	N34° 43' 25.65"	W112° 01' 56.99"	13.5	3,573.1		TRIM/REMOVE	
93674	PRIMARY	SCRUB	N34° 43' 25.74"	W112° 01' 57.13"	12.7	3,572.3		TRIM/REMOVE	
93682	PRIMARY	SCRUB	N34° 43' 25.81"	W112° 01' 57.28"	11.6	3,571.2		TRIM/REMOVE	
93690	PRIMARY	SCRUB	N34° 43' 25.98"	W112° 01' 57.48"	10.8	3,570.5		TRIM/REMOVE	
93698	PRIMARY	SCRUB	N34° 43' 26.02"	W112° 01' 57.31"	11.2	3,570.8		TRIM/REMOVE	
93706	PRIMARY	SCRUB	N34° 43' 25.97"	W112° 01' 57.17"	13.0	3,572.7		TRIM/REMOVE	
93714	PRIMARY	SCRUB	N34° 43' 26.03"	W112° 01' 57.14"	12.4	3,572.1		TRIM/REMOVE	
93722	PRIMARY	SCRUB	N34° 43' 26.12"	W112° 01' 57.16"	12.6	3,572.3		TRIM/REMOVE	
93770	PRIMARY	SCRUB	N34° 43' 25.18"	W112° 01' 56.98"	13.5	3,572.9		TRIM/REMOVE	
93778	PRIMARY	SCRUB	N34° 43' 25.63"	W112° 01' 57.21"	10.9	3,570.5		TRIM/REMOVE	
93786	PRIMARY	TREE	N34° 43' 25.55"	W112° 01' 57.10"	14.0	3,573.5		TRIM/REMOVE	
93802	PRIMARY	SCRUB	N34° 43' 25.50"	W112° 01' 56.31"	13.5	3,572.9		TRIM/REMOVE	
93810	PRIMARY	SCRUB	N34° 43' 25.50"	W112° 01' 56.42"	14.0	3,573.4		TRIM/REMOVE	
93818	PRIMARY	SCRUB	N34° 43' 25.38"	W112° 01' 56.47"	13.8	3,573.2		TRIM/REMOVE	
93826	PRIMARY	SCRUB	N34° 43' 25.35"	W112° 01' 56.55"	12.8	3,572.2		TRIM/REMOVE	
93834	PRIMARY	SCRUB	N34° 43' 25.23"	W112° 01' 56.57"	11.4	3,570.7		TRIM/REMOVE	
93842	PRIMARY	SCRUB	N34° 43' 25.08"	W112° 01' 56.78"	11.6	3,570.9		TRIM/REMOVE	
93850	PRIMARY	SCRUB	N34° 43' 24.72"	W112° 01' 56.66"	14.2	3,573.4		TRIM/REMOVE	
93882	PRIMARY	SCRUB	N34° 43' 23.92"	W112° 01' 56.42"	11.8	3,570.7		TRIM/REMOVE	
93890	PRIMARY	SCRUB	N34° 43' 24.09"	W112° 01' 55.98"	9.0	3,567.9		TRIM/REMOVE	
93898	PRIMARY	SCRUB	N34° 43' 24.10"	W112° 01' 55.30"	9.3	3,568.2		TRIM/REMOVE	
93906	PRIMARY	SCRUB	N34° 43' 25.58"	W112° 01' 56.48"	7.0	3,566.8		TRIM/REMOVE	
93914	PRIMARY	SCRUB	N34° 43' 26.30"	W112° 01' 56.28"	6.5	3,566.1		TRIM/REMOVE	
93922	PRIMARY	SCRUB	N34° 43' 25.49"	W112° 01' 55.37"	7.5	3,566.8		TRIM/REMOVE	
93930	PRIMARY	SCRUB	N34° 43' 25.84"	W112° 01' 55.42"	6.1	3,565.5		TRIM/REMOVE	
93938	PRIMARY	SCRUB	N34° 43' 25.72"	W112° 01' 55.82"	6.1	3,565.5		TRIM/REMOVE	
93946	PRIMARY	GROUND	N34° 43' 25.28"	W112° 01' 55.73"	6.1	3,565.4		GRADE	
93954	PRIMARY	SCRUB	N34° 43' 23.50"	W112° 01' 54.25"	8.7	3,567.3		TRIM/REMOVE	
93962	PRIMARY	SCRUB	N34° 43' 23.11"	W112° 01' 55.74"	12.9	3,571.5		TRIM/REMOVE	
209010	PRIMARY	SIGN	N34° 43' 52.48"	W112° 02' 05.70"	2.5	3,539.3	3.7	DNH	
TRANSITIONAL SURFACE PENETRATION GROUP									
5055	TRANSITIONAL	TREE	N34° 44' 09.58"	W112° 02' 14.87"	7.8	3,527.9		TRIM/REMOVE	
5251	TRANSITIONAL	TREE	N34° 44' 00.40"	W112° 02' 08.73"	27.0	3,567.5		TRIM/REMOVE	
5259	TRANSITIONAL	TREE	N34° 43' 56.43"	W112° 02' 06.29"	23.5	3,570.5		TRIM/REMOVE	
5267	TRANSITIONAL	BUILDING	N34° 44' 02.94"	W112° 02' 10.71"	15.6	3,547.2	23.0	PROVIDE OL	
5275	TRANSITIONAL	BUILDING	N34° 44' 00.85"	W112° 02' 08.17"	0.3	3,549.5	28.5	PROVIDE OL	
5291	TRANSITIONAL	BUILDING	N34° 44' 06.73"	W112° 02' 12.42"	0.3	3,532.7	21.5	PROVIDE OL	
5315	TRANSITIONAL	TREE	N34° 44' 04.32"	W112° 02' 11.94"	30.2	3,555.3		TRIM/REMOVE	
5323	TRANSITIONAL	TREE	N34° 44' 01.41"	W112° 02' 10.34"	30.9	3,558.6		TRIM/REMOVE	
5363	TRANSITIONAL	TREE	N34° 44' 04.32"	W112° 02' 10.55"	9.9	3,550.6		TRIM/REMOVE	
5379	TRANSITIONAL	TREE	N34° 43' 58.75"	W112° 02' 08.69"	30.0	3,562.2		TRIM/REMOVE	
5387	TRANSITIONAL	TREE	N34° 43' 56.65"	W112° 02' 07.81"	19.6	3,550.5		TRIM/REMOVE	
5395	TRANSITIONAL	TREE	N34° 43' 52.16"	W112° 02' 02.77"	32.5	3,597.1		TRIM/REMOVE	
5403	TRANSITIONAL	BUILDING	N34° 43' 51.93"	W112° 02' 04.94"	14.6	3,552.7	19.5	PROVIDE OL	
5411	TRANSITIONAL	TREE	N34° 43' 47.26"	W112° 02' 01.62"	0.5	3,551.6		TRIM/REMOVE	
5435	TRANSITIONAL	BUILDING	N34° 43' 49.24"	W112° 02' 03.11"	6.5	3,551.1	22.1	PROVIDE OL	
5443	TRANSITIONAL	TREE	N34° 43' 50.24"	W112° 02' 01.47"	11.5	3,580.6		TRIM/REMOVE	
5451	TRANSITIONAL	BUILDING	N34° 43' 53.68"	W112° 02' 04.77"	1.5	3,551.2	18.5	PROVIDE OL	
5475	TRANSITIONAL	BUILDING	N34° 43' 42.69"	W112° 01' 59.12"	1.5	3,556.6	25.4	PROVIDE OL	
5507	TRANSITIONAL	HANGER	N34° 43' 28.43"	W112° 01' 52.01"	19.5	3,578.4	23.6	PROVIDE OL	
5721	TRANSITIONAL	POLE_LIGHT	N34° 43' 58.16"	W112° 02' 18.15"	23.2	3,581.5	42.6	REMOVE/EL/LOWER/PROVIDE OL	
5745	TRANSITIONAL	POLE_LIGHT	N34° 43' 59.83"	W112° 02' 19.07"	22.3	3,579.0	42.6	REMOVE/EL/LOWER/PROVIDE OL	
5753	TRANSITIONAL	POLE_LIGHT	N34° 44' 01.6						

PART 77 SURFACE PENETRATIONS									
POINT ID	SURFACE	DESCRIPTION	LATITUDE	LONGITUDE	OBSTRUCTION PEN VALUE	OBSTRUCTION ELEVATION (MSL)	OBSTRUCTION ELEVATION (AGL)	PROPOSED DISPOSITION	
TRANSITIONAL SURFACE PENETRATION GROUP (CONT.)									
62399	TRANSITIONAL	TREE	N34° 43' 47.13"	W112° 02' 09.41"	18.4	3,557.7		TRIM/REMOVE	
62407	TRANSITIONAL	TREE	N34° 43' 49.33"	W112° 02' 11.31"	16.5	3,561.4		TRIM/REMOVE	
62415	TRANSITIONAL	TREE	N34° 43' 49.85"	W112° 02' 11.23"	18.1	3,558.6		TRIM/REMOVE	
62423	TRANSITIONAL	TREE	N34° 43' 49.82"	W112° 02' 10.82"	22.1	3,558.3		TRIM/REMOVE	
62474	TRANSITIONAL	TREE	N34° 43' 51.55"	W112° 02' 12.14"	22.1	3,560.7		TRIM/REMOVE	
62487	TRANSITIONAL	TREE	N34° 43' 50.87"	W112° 02' 13.13"	10.4	3,564.6		TRIM/REMOVE	
62495	TRANSITIONAL	TREE	N34° 43' 50.62"	W112° 02' 13.00"	10.5	3,565.0		TRIM/REMOVE	
62502	TRANSITIONAL	TREE	N34° 43' 50.27"	W112° 02' 12.73"	13.8	3,567.8		TRIM/REMOVE	
62511	TRANSITIONAL	TREE	N34° 43' 50.21"	W112° 02' 12.59"	16.2	3,569.1		TRIM/REMOVE	
62519	TRANSITIONAL	TREE	N34° 43' 50.10"	W112° 02' 12.20"	14.6	3,564.0		TRIM/REMOVE	
62527	TRANSITIONAL	TREE	N34° 43' 50.09"	W112° 02' 12.51"	9.2	3,562.0		TRIM/REMOVE	
62535	TRANSITIONAL	TREE	N34° 43' 49.77"	W112° 02' 12.29"	14.0	3,566.7		TRIM/REMOVE	
62543	TRANSITIONAL	TREE	N34° 43' 49.62"	W112° 02' 12.31"	13.1	3,567.0		TRIM/REMOVE	
62551	TRANSITIONAL	TREE	N34° 43' 49.63"	W112° 02' 12.21"	13.5	3,566.2		TRIM/REMOVE	
62559	TRANSITIONAL	TREE	N34° 43' 49.36"	W112° 02' 12.30"	12.3	3,568.0		TRIM/REMOVE	
62567	TRANSITIONAL	TREE	N34° 43' 49.41"	W112° 02' 12.15"	10.4	3,564.0		TRIM/REMOVE	
62575	TRANSITIONAL	TREE	N34° 43' 49.16"	W112° 02' 12.06"	10.3	3,564.7		TRIM/REMOVE	
62583	TRANSITIONAL	TREE	N34° 43' 48.85"	W112° 02' 11.92"	10.7	3,565.7		TRIM/REMOVE	
62591	TRANSITIONAL	TREE	N34° 43' 48.91"	W112° 02' 11.96"	9.9	3,565.0		TRIM/REMOVE	
62599	TRANSITIONAL	TREE	N34° 43' 48.77"	W112° 02' 12.21"	7.7	3,566.5		TRIM/REMOVE	
62607	TRANSITIONAL	TREE	N34° 43' 48.52"	W112° 02' 11.97"	10.6	3,568.5		TRIM/REMOVE	
62615	TRANSITIONAL	TREE	N34° 43' 49.90"	W112° 02' 12.65"	8.6	3,564.2		TRIM/REMOVE	
62623	TRANSITIONAL	TREE	N34° 43' 48.42"	W112° 02' 11.57"	11.6	3,565.7		TRIM/REMOVE	
62631	TRANSITIONAL	TREE	N34° 43' 48.28"	W112° 02' 11.62"	10.0	3,565.7		TRIM/REMOVE	
62639	TRANSITIONAL	TREE	N34° 43' 47.88"	W112° 02' 10.06"	18.1	3,559.3		TRIM/REMOVE	
63857	TRANSITIONAL	ROAD - PUBLIC	N34° 44' 08.70"	W112° 02' 21.97"	7.5	3,550.6	15.0	DNH	
63889	TRANSITIONAL	PARKING_LOT	N34° 44' 00.52"	W112° 02' 09.33"	2.8	3,537.1	0.0	PROVIDE OL	
63897	TRANSITIONAL	PARKING_LOT	N34° 43' 59.83"	W112° 02' 08.98"	3.9	3,538.5	0.0	PROVIDE OL	
63921	TRANSITIONAL	PARKING_LOT	N34° 43' 58.12"	W112° 02' 08.35"	8.5	3,541.1	0.0	PROVIDE OL	
63937	TRANSITIONAL	PARKING_LOT	N34° 43' 57.01"	W112° 02' 07.02"	0.2	3,542.0	0.0	PROVIDE OL	
63968	TRANSITIONAL	CANOPY	N34° 43' 54.26"	W112° 02' 06.17"	5.8	3,542.5	8.3	REMOVE/LOWER/PROVIDE OL	
63993	TRANSITIONAL	CANOPY	N34° 43' 55.22"	W112° 02' 06.67"	5.0	3,541.2	7.8	REMOVE/LOWER/PROVIDE OL	
64241	TRANSITIONAL	PARKING_LOT	N34° 43' 54.76"	W112° 02' 06.49"	7.9	3,543.6	0.0	PROVIDE OL	
64249	TRANSITIONAL	PARKING_LOT	N34° 43' 53.88"	W112° 02' 05.60"	2.1	3,543.2	0.0	PROVIDE OL	
64257	TRANSITIONAL	PARKING_LOT	N34° 43' 52.25"	W112° 02' 05.00"	4.1	3,543.2	0.0	PROVIDE OL	
64354	TRANSITIONAL	HANGER	N34° 43' 31.13"	W112° 01' 53.00"	7.7	3,570.5	19.4	PROVIDE OL	
64401	TRANSITIONAL	FENCE	N34° 43' 22.14"	W112° 01' 57.05"	3.0	3,578.8	7.2	REMOVE/LOWER/PROVIDE OL	
64409	TRANSITIONAL	FENCE	N34° 43' 23.22"	W112° 01' 57.64"	3.2	3,578.0	7.5	REMOVE/LOWER/PROVIDE OL	
64417	TRANSITIONAL	FENCE	N34° 43' 24.34"	W112° 01' 58.27"	1.5	3,576.2	4.7	REMOVE/LOWER/PROVIDE OL	
64425	TRANSITIONAL	FENCE	N34° 43' 25.41"	W112° 01' 58.85"	4.7	3,579.0	5.8	REMOVE/LOWER/PROVIDE OL	
64433	TRANSITIONAL	FENCE	N34° 43' 26.47"	W112° 01' 59.44"	3.0	3,577.0	5.7	REMOVE/LOWER/PROVIDE OL	
64441	TRANSITIONAL	FENCE	N34° 43' 27.53"	W112° 02' 00.02"	2.1	3,575.1	5.2	REMOVE/LOWER/PROVIDE OL	
64449	TRANSITIONAL	FENCE	N34° 43' 28.51"	W112° 02' 00.56"	2.8	3,574.9	5.6	REMOVE/LOWER/PROVIDE OL	
64457	TRANSITIONAL	FENCE	N34° 43' 29.40"	W112° 02' 01.05"	3.9	3,575.1	5.8	REMOVE/LOWER/PROVIDE OL	
64465	TRANSITIONAL	FENCE	N34° 43' 30.38"	W112° 02' 01.59"	4.2	3,574.5	6.8	REMOVE/LOWER/PROVIDE OL	
64473	TRANSITIONAL	FENCE	N34° 43' 31.35"	W112° 02' 02.13"	3.7	3,573.2	6.8	REMOVE/LOWER/PROVIDE OL	
64481	TRANSITIONAL	FENCE	N34° 43' 32.59"	W112° 02' 02.81"	5.6	3,573.9	7.3	REMOVE/LOWER/PROVIDE OL	
64489	TRANSITIONAL	FENCE	N34° 43' 33.57"	W112° 02' 03.35"	7.1	3,574.5	7.3	REMOVE/LOWER/PROVIDE OL	
64497	TRANSITIONAL	FENCE	N34° 43' 34.73"	W112° 02' 03.98"	9.5	3,575.8	6.4	REMOVE/LOWER/PROVIDE OL	
64505	TRANSITIONAL	FENCE	N34° 43' 35.71"	W112° 02' 04.52"	9.7	3,575.0	6.2	REMOVE/LOWER/PROVIDE OL	
64561	TRANSITIONAL	FENCE	N34° 43' 46.20"	W112° 02' 10.28"	1.5	3,556.9	5.4	REMOVE/LOWER/PROVIDE OL	
64569	TRANSITIONAL	FENCE	N34° 43' 47.24"	W112° 02' 10.88"	7.4	3,562.3	7.4	REMOVE/LOWER/PROVIDE OL	
64577	TRANSITIONAL	FENCE	N34° 43' 48.26"	W112° 02' 11.44"	10.2	3,564.0	6.7	REMOVE/LOWER/PROVIDE OL	
64585	TRANSITIONAL	FENCE	N34° 43' 49.13"	W112° 02' 11.92"	7.8	3,560.9	6.1	REMOVE/LOWER/PROVIDE OL	
64593	TRANSITIONAL	FENCE	N34° 43' 50.34"	W112° 02' 12.59"	8.4	3,560.3	6.2	REMOVE/LOWER/PROVIDE OL	
64601	TRANSITIONAL	FENCE	N34° 43' 51.22"	W112° 02' 13.07"	8.8	3,559.9	6.3	REMOVE/LOWER/PROVIDE OL	
64609	TRANSITIONAL	POST	N34° 43' 51.66"	W112° 02' 11.85"	20.3	3,555.1	5.1	REMOVE/LOWER/PROVIDE OL	
64745	TRANSITIONAL	BUILDING	N34° 44' 00.52"	W112° 02' 20.23"	14.1	3,538.0	12.5	PROVIDE OL	
64753	TRANSITIONAL	FENCE	N34° 44' 06.61"	W112° 02' 20.41"	7.4	3,532.5	7.1	REMOVE/LOWER/PROVIDE OL	
64777	TRANSITIONAL	POLE	N34° 44' 08.54"	W112° 02' 14.26"	3.2	3,524.6	14.4	REMOVE/LOWER/PROVIDE OL	
64825	TRANSITIONAL	GATE	N34° 44' 04.65"	W112° 02' 12.17"	3.3	3,527.6	7.4	REMOVE/LOWER/PROVIDE OL	
64833	TRANSITIONAL	GATE	N34° 44' 01.62"	W112° 02' 10.38"	5.4	3,533.8	7.7	REMOVE/LOWER/PROVIDE OL	
64841	TRANSITIONAL	GATE	N34° 43' 58.32"	W112° 02' 08.18"	1.8	3,537.4	6.4	REMOVE/LOWER/PROVIDE OL	
64849	TRANSITIONAL	GATE	N34° 43' 57.01"	W112° 02' 07.91"	6.7	3,538.4	6.2	REMOVE/LOWER/PROVIDE OL	
64857	TRANSITIONAL	GATE	N34° 43' 53.79"	W112° 02' 06.00"	3.4	3,539.5	6.1	REMOVE/LOWER/PROVIDE OL	
64865	TRANSITIONAL	GATE	N34° 43' 50.92"	W112° 02' 04.42"	1.5	3,540.1	5.9	REMOVE/LOWER/PROVIDE OL	
64874	TRANSITIONAL	GATE	N34° 43' 39.99"	W112° 01' 58.20"	0.8	3,551.6</			

PART 77 SURFACE PENETRATIONS									
POINT ID	SURFACE	DESCRIPTION	LATITUDE	LONGITUDE	OBSTRUCTION PEN VALUE	OBSTRUCTION ELEVATION (MSL)	OBSTRUCTION ELEVATION (AGL)	PROPOSED DISPOSITION	
TRANSITIONAL SURFACE PENETRATION GROUP (CONT.)									
71824	TRANSITIONAL	SCRUB	N34° 43' 48.27"	W112° 02' 10.00"	18.7	3,556.5		TRIM/REMOVE	
71832	TRANSITIONAL	SCRUB	N34° 43' 48.34"	W112° 02' 10.04"	19.2	3,557.0		TRIM/REMOVE	
71840	TRANSITIONAL	SCRUB	N34° 43' 47.90"	W112° 02' 09.80"	17.3	3,555.5		TRIM/REMOVE	
71848	TRANSITIONAL	SCRUB	N34° 43' 47.85"	W112° 02' 09.73"	17.1	3,554.9		TRIM/REMOVE	
71856	TRANSITIONAL	SCRUB	N34° 43' 47.68"	W112° 02' 09.60"	17.4	3,554.9		TRIM/REMOVE	
71864	TRANSITIONAL	SCRUB	N34° 43' 47.70"	W112° 02' 09.74"	15.7	3,554.7		TRIM/REMOVE	
71872	TRANSITIONAL	SCRUB	N34° 43' 47.81"	W112° 02' 09.91"	14.8	3,554.8		TRIM/REMOVE	
71880	TRANSITIONAL	SCRUB	N34° 43' 47.63"	W112° 02' 09.87"	15.0	3,555.9		TRIM/REMOVE	
71888	TRANSITIONAL	SCRUB	N34° 43' 47.69"	W112° 02' 09.96"	14.1	3,555.5		TRIM/REMOVE	
71896	TRANSITIONAL	SCRUB	N34° 43' 47.78"	W112° 02' 10.04"	14.5	3,556.2		TRIM/REMOVE	
71904	TRANSITIONAL	SCRUB	N34° 43' 47.57"	W112° 02' 09.97"	12.8	3,555.2		TRIM/REMOVE	
71912	TRANSITIONAL	SCRUB	N34° 43' 47.45"	W112° 02' 09.77"	12.5	3,553.6		TRIM/REMOVE	
71920	TRANSITIONAL	SCRUB	N34° 43' 47.53"	W112° 02' 09.54"	17.1	3,554.9		TRIM/REMOVE	
71928	TRANSITIONAL	SCRUB	N34° 43' 47.43"	W112° 02' 09.39"	14.9	3,551.8		TRIM/REMOVE	
71960	TRANSITIONAL	SCRUB	N34° 43' 47.32"	W112° 02' 09.51"	13.7	3,552.7		TRIM/REMOVE	
71968	TRANSITIONAL	SCRUB	N34° 43' 47.26"	W112° 02' 09.30"	15.2	3,552.3		TRIM/REMOVE	
72040	TRANSITIONAL	SCRUB	N34° 43' 46.82"	W112° 02' 09.07"	12.3	3,550.0		TRIM/REMOVE	
72128	TRANSITIONAL	SCRUB	N34° 43' 45.94"	W112° 02' 08.62"	12.4	3,551.2		TRIM/REMOVE	
72136	TRANSITIONAL	SCRUB	N34° 43' 45.86"	W112° 02' 08.54"	12.3	3,550.8		TRIM/REMOVE	
72168	TRANSITIONAL	SCRUB	N34° 43' 45.73"	W112° 02' 08.47"	11.6	3,550.2		TRIM/REMOVE	
72184	TRANSITIONAL	SCRUB	N34° 43' 45.46"	W112° 02' 08.41"	10.0	3,549.9		TRIM/REMOVE	
72192	TRANSITIONAL	SCRUB	N34° 43' 45.62"	W112° 02' 08.57"	9.6	3,550.1		TRIM/REMOVE	
72200	TRANSITIONAL	SCRUB	N34° 43' 45.49"	W112° 02' 08.70"	8.0	3,550.8		TRIM/REMOVE	
72208	TRANSITIONAL	SCRUB	N34° 43' 45.33"	W112° 02' 08.64"	7.9	3,551.2		TRIM/REMOVE	
72216	TRANSITIONAL	SCRUB	N34° 43' 45.35"	W112° 02' 08.44"	9.5	3,550.3		TRIM/REMOVE	
72224	TRANSITIONAL	SCRUB	N34° 43' 45.17"	W112° 02' 08.54"	7.1	3,550.3		TRIM/REMOVE	
72232	TRANSITIONAL	SCRUB	N34° 43' 45.14"	W112° 02' 08.64"	6.3	3,551.0		TRIM/REMOVE	
72240	TRANSITIONAL	SCRUB	N34° 43' 45.38"	W112° 02' 08.93"	4.3	3,550.5		TRIM/REMOVE	
72248	TRANSITIONAL	SCRUB	N34° 43' 45.57"	W112° 02' 08.98"	6.0	3,551.5		TRIM/REMOVE	
72256	TRANSITIONAL	SCRUB	N34° 43' 45.60"	W112° 02' 08.88"	7.2	3,551.3		TRIM/REMOVE	
72264	TRANSITIONAL	SCRUB	N34° 43' 45.96"	W112° 02' 08.92"	8.6	3,550.6		TRIM/REMOVE	
72272	TRANSITIONAL	SCRUB	N34° 43' 45.97"	W112° 02' 09.15"	7.1	3,551.6		TRIM/REMOVE	
72280	TRANSITIONAL	TREE	N34° 43' 45.74"	W112° 02' 08.66"	13.0	3,553.7		TRIM/REMOVE	
72288	TRANSITIONAL	SCRUB	N34° 43' 45.33"	W112° 02' 08.29"	11.1	3,550.5		TRIM/REMOVE	
72304	TRANSITIONAL	SCRUB	N34° 43' 45.10"	W112° 02' 08.25"	8.9	3,549.4		TRIM/REMOVE	
72312	TRANSITIONAL	SCRUB	N34° 43' 44.92"	W112° 02' 08.28"	6.9	3,549.1		TRIM/REMOVE	
72320	TRANSITIONAL	SCRUB	N34° 43' 45.06"	W112° 02' 08.36"	7.7	3,549.9		TRIM/REMOVE	
72416	TRANSITIONAL	SCRUB	N34° 43' 43.54"	W112° 02' 07.30"	9.5	3,550.3		TRIM/REMOVE	
72424	TRANSITIONAL	SCRUB	N34° 43' 43.62"	W112° 02' 07.43"	8.6	3,550.5		TRIM/REMOVE	
72432	TRANSITIONAL	SCRUB	N34° 43' 43.73"	W112° 02' 07.46"	8.9	3,550.2		TRIM/REMOVE	
72464	TRANSITIONAL	SCRUB	N34° 43' 43.23"	W112° 02' 07.18"	7.4	3,549.1		TRIM/REMOVE	
72472	TRANSITIONAL	SCRUB	N34° 43' 43.29"	W112° 02' 07.30"	7.1	3,549.7		TRIM/REMOVE	
72480	TRANSITIONAL	SCRUB	N34° 43' 43.12"	W112° 02' 07.31"	5.8	3,549.7		TRIM/REMOVE	
72488	TRANSITIONAL	SCRUB	N34° 43' 42.97"	W112° 02' 07.33"	4.9	3,550.1		TRIM/REMOVE	
72496	TRANSITIONAL	SCRUB	N34° 43' 42.85"	W112° 02' 07.15"	6.2	3,550.3		TRIM/REMOVE	
72504	TRANSITIONAL	SCRUB	N34° 43' 42.73"	W112° 02' 07.22"	4.7	3,550.5		TRIM/REMOVE	
72512	TRANSITIONAL	SCRUB	N34° 43' 42.68"	W112° 02' 07.40"	2.4	3,550.5		TRIM/REMOVE	
72520	TRANSITIONAL	SCRUB	N34° 43' 42.77"	W112° 02' 07.44"	3.1	3,551.0		TRIM/REMOVE	
72526	TRANSITIONAL	SCRUB	N34° 43' 42.89"	W112° 02' 07.53"	2.9	3,551.0		TRIM/REMOVE	
72534	TRANSITIONAL	SCRUB	N34° 43' 43.09"	W112° 02' 07.57"	4.1	3,551.2		TRIM/REMOVE	
72544	TRANSITIONAL	SCRUB	N34° 43' 43.06"	W112° 02' 07.47"	3.3	3,549.5		TRIM/REMOVE	
72552	TRANSITIONAL	SCRUB	N34° 43' 43.13"	W112° 02' 07.45"	4.3	3,549.7		TRIM/REMOVE	
72560	TRANSITIONAL	SCRUB	N34° 43' 43.26"	W112° 02' 07.50"	5.0	3,550.1		TRIM/REMOVE	
72568	TRANSITIONAL	SCRUB	N34° 43' 43.41"	W112° 02' 07.57"	6.1	3,551.0		TRIM/REMOVE	
72576	TRANSITIONAL	SCRUB	N34° 43' 43.38"	W112° 02' 07.66"	4.7	3,550.7		TRIM/REMOVE	
72584	TRANSITIONAL	SCRUB	N34° 43' 43.56"	W112° 02' 07.56"	8.4	3,552.1		TRIM/REMOVE	
72592	TRANSITIONAL	SCRUB	N34° 43' 43.68"	W112° 02' 07.63"	8.9	3,552.6		TRIM/REMOVE	
72600	TRANSITIONAL	SCRUB	N34° 43' 43.72"	W112° 02' 07.79"	7.3	3,552.3		TRIM/REMOVE	
72608	TRANSITIONAL	SCRUB	N34° 43' 42.55"	W112° 02' 07.30"	3.6	3,551.5		TRIM/REMOVE	
72616	TRANSITIONAL	SCRUB	N34° 43' 42.37"	W112° 02' 07.23"	4.2	3,552.6		TRIM/REMOVE	
72624	TRANSITIONAL	SCRUB	N34° 43' 42.31"	W112° 02' 07.35"	3.2	3,553.4		TRIM/REMOVE	
72632	TRANSITIONAL	SCRUB	N34° 43' 42.45"	W112° 02' 07.38"	1.7	3,551.2		TRIM/REMOVE	
72640	TRANSITIONAL	SCRUB	N34° 43' 42.49"	W112° 02' 07.54"	1.1	3,552.2		TRIM/REMOVE	
72648	TRANSITIONAL	SCRUB	N34° 43' 42.55"	W112° 02' 07.66"	0.5	3,552.4		TRIM/REMOVE	
72656	TRANSITIONAL	SCRUB	N34° 43' 42.64"	W112° 02' 07.73"	0.4	3,552.4		TRIM/REMOVE	
72664	TRANSITIONAL	SCRUB	N34° 43' 42.23"	W112° 02' 07.23"	3.1	3,552.4		TRIM/REMOVE	
72672	TRANSITIONAL	SCRUB	N34° 43' 42.13"	W112° 02' 07.10"	3.4	3,552.1		TRIM/REMOVE	
72680	TRANSITIONAL	SCRUB	N34° 43' 42.18"	W112° 02' 06.93"	5.5	3,551.8		TRIM/REMOVE	
72688	TRANSITIONAL	SCRUB	N34° 43' 42.15"	W112° 02' 06.84"	6.3	3,551.8		TRIM/REMOVE	
72696	TRANSITIONAL	SCRUB</							

PART 77 SURFACE PENETRATIONS								
POINT ID	SURFACE	DESCRIPTION	LATITUDE	LONGITUDE	OBSTRUCTION PEN VALUE	OBSTRUCTION ELEVATION (MSL)	OBSTRUCTION ELEVATION (AGL)	PROPOSED DISPOSITION
TRANSITIONAL SURFACE PENETRATION GROUP (CONT.)								
78467	TRANSITIONAL	TREE	N34° 43' 25.63"	W112° 01' 57.48"	20.1	3,577.0		TRIM/REMOVE
78475	TRANSITIONAL	TREE	N34° 43' 25.73"	W112° 01' 57.43"	18.8	3,574.4		TRIM/REMOVE
78482	TRANSITIONAL	TREE	N34° 43' 25.98"	W112° 01' 58.17"	17.8	3,580.2		TRIM/REMOVE
78595	TRANSITIONAL	TREE	N34° 43' 19.29"	W112° 01' 54.75"	0.8	3,579.0		TRIM/REMOVE
78603	TRANSITIONAL	TREE	N34° 43' 19.09"	W112° 01' 54.74"	0.5	3,580.5		TRIM/REMOVE
78827	TRANSITIONAL	TREE	N34° 43' 16.00"	W112° 01' 53.77"	1.1	3,599.4		TRIM/REMOVE
79011	TRANSITIONAL	TREE	N34° 43' 13.22"	W112° 01' 53.08"	2.8	3,619.4		TRIM/REMOVE
79499	TRANSITIONAL	SCRUB	N34° 43' 21.05"	W112° 01' 55.42"	3.2	3,572.1		TRIM/REMOVE
79507	TRANSITIONAL	SCRUB	N34° 43' 21.02"	W112° 01' 55.17"	5.2	3,571.9		TRIM/REMOVE
79523	TRANSITIONAL	SCRUB	N34° 43' 21.34"	W112° 01' 55.30"	6.8	3,571.9		TRIM/REMOVE
79531	TRANSITIONAL	SCRUB	N34° 43' 21.18"	W112° 01' 55.40"	4.8	3,572.3		TRIM/REMOVE
79538	TRANSITIONAL	SCRUB	N34° 43' 21.32"	W112° 01' 55.81"	4.4	3,574.7		TRIM/REMOVE
79547	TRANSITIONAL	SCRUB	N34° 43' 21.29"	W112° 01' 56.01"	0.5	3,572.9		TRIM/REMOVE
79555	TRANSITIONAL	SCRUB	N34° 43' 21.60"	W112° 01' 56.08"	3.5	3,573.9		TRIM/REMOVE
79563	TRANSITIONAL	SCRUB	N34° 43' 21.80"	W112° 01' 56.04"	5.4	3,573.6		TRIM/REMOVE
79571	TRANSITIONAL	SCRUB	N34° 43' 21.95"	W112° 01' 56.16"	5.4	3,573.7		TRIM/REMOVE
79579	TRANSITIONAL	SCRUB	N34° 43' 22.18"	W112° 01' 56.41"	11.3	3,580.2		TRIM/REMOVE
79587	TRANSITIONAL	SCRUB	N34° 43' 22.12"	W112° 01' 56.51"	10.0	3,580.5		TRIM/REMOVE
79595	TRANSITIONAL	SCRUB	N34° 43' 22.04"	W112° 01' 56.39"	9.1	3,579.0		TRIM/REMOVE
79603	TRANSITIONAL	SCRUB	N34° 43' 22.00"	W112° 01' 56.65"	6.5	3,579.4		TRIM/REMOVE
79611	TRANSITIONAL	SCRUB	N34° 43' 22.19"	W112° 01' 56.66"	4.1	3,575.5		TRIM/REMOVE
79616	TRANSITIONAL	SCRUB	N34° 43' 22.28"	W112° 01' 56.60"	5.9	3,576.0		TRIM/REMOVE
79627	TRANSITIONAL	SCRUB	N34° 43' 22.06"	W112° 01' 56.90"	1.4	3,576.3		TRIM/REMOVE
79651	TRANSITIONAL	SCRUB	N34° 43' 21.78"	W112° 01' 56.46"	3.0	3,575.7		TRIM/REMOVE
79656	TRANSITIONAL	SCRUB	N34° 43' 22.17"	W112° 01' 56.08"	9.0	3,574.7		TRIM/REMOVE
79667	TRANSITIONAL	SCRUB	N34° 43' 22.32"	W112° 01' 56.32"	8.8	3,575.8		TRIM/REMOVE
79675	TRANSITIONAL	SCRUB	N34° 43' 22.38"	W112° 01' 56.33"	8.2	3,574.8		TRIM/REMOVE
79707	TRANSITIONAL	SCRUB	N34° 43' 21.96"	W112° 01' 55.50"	11.5	3,573.1		TRIM/REMOVE
79715	TRANSITIONAL	SCRUB	N34° 43' 21.73"	W112° 01' 55.41"	9.7	3,572.4		TRIM/REMOVE
79933	TRANSITIONAL	SCRUB	N34° 43' 22.81"	W112° 01' 55.99"	12.5	3,572.3		TRIM/REMOVE
80211	TRANSITIONAL	TREE	N34° 43' 24.06"	W112° 01' 56.82"	19.8	3,580.3		TRIM/REMOVE
80219	TRANSITIONAL	TREE	N34° 43' 24.11"	W112° 01' 56.71"	21.3	3,580.2		TRIM/REMOVE
80227	TRANSITIONAL	TREE	N34° 43' 23.96"	W112° 01' 56.66"	21.1	3,580.4		TRIM/REMOVE
80235	TRANSITIONAL	TREE	N34° 43' 24.26"	W112° 01' 56.78"	18.8	3,577.3		TRIM/REMOVE
80267	TRANSITIONAL	TREE	N34° 43' 24.35"	W112° 01' 57.13"	16.1	3,578.0		TRIM/REMOVE
80275	TRANSITIONAL	TREE	N34° 43' 24.03"	W112° 01' 57.20"	17.2	3,582.0		TRIM/REMOVE
80283	TRANSITIONAL	TREE	N34° 43' 23.91"	W112° 01' 57.39"	12.8	3,580.6		TRIM/REMOVE
80291	TRANSITIONAL	TREE	N34° 43' 23.66"	W112° 01' 57.70"	11.1	3,582.6		TRIM/REMOVE
80299	TRANSITIONAL	TREE	N34° 43' 24.14"	W112° 01' 57.68"	10.0	3,579.4		TRIM/REMOVE
80307	TRANSITIONAL	TREE	N34° 43' 24.27"	W112° 01' 57.77"	10.1	3,579.6		TRIM/REMOVE
80315	TRANSITIONAL	TREE	N34° 43' 24.48"	W112° 01' 57.63"	12.3	3,578.9		TRIM/REMOVE
80323	TRANSITIONAL	TREE	N34° 43' 24.90"	W112° 01' 57.35"	20.2	3,580.7		TRIM/REMOVE
80331	TRANSITIONAL	TREE	N34° 43' 23.82"	W112° 01' 56.98"	15.2	3,579.0		TRIM/REMOVE
80336	TRANSITIONAL	TREE	N34° 43' 23.15"	W112° 01' 56.71"	16.5	3,581.7		TRIM/REMOVE
80347	TRANSITIONAL	TREE	N34° 43' 23.13"	W112° 01' 56.98"	17.1	3,585.3		TRIM/REMOVE
80355	TRANSITIONAL	TREE	N34° 43' 23.29"	W112° 01' 57.19"	11.1	3,580.5		TRIM/REMOVE
80363	TRANSITIONAL	TREE	N34° 43' 22.83"	W112° 01' 57.02"	12.6	3,583.3		TRIM/REMOVE
80371	TRANSITIONAL	TREE	N34° 43' 23.27"	W112° 01' 56.94"	13.0	3,579.9		TRIM/REMOVE
80379	TRANSITIONAL	TREE	N34° 43' 23.35"	W112° 01' 56.81"	16.5	3,581.5		TRIM/REMOVE
80387	TRANSITIONAL	TREE	N34° 43' 23.37"	W112° 01' 56.29"	20.1	3,579.4		TRIM/REMOVE
80403	TRANSITIONAL	TREE	N34° 43' 23.45"	W112° 01' 56.18"	21.5	3,579.1		TRIM/REMOVE
81027	TRANSITIONAL	SCRUB	N34° 43' 24.51"	W112° 01' 56.62"	13.5	3,570.8		TRIM/REMOVE
81035	TRANSITIONAL	SCRUB	N34° 43' 24.67"	W112° 01' 57.11"	11.2	3,570.6		TRIM/REMOVE
81043	TRANSITIONAL	SCRUB	N34° 43' 24.22"	W112° 01' 56.88"	12.9	3,572.8		TRIM/REMOVE
81051	TRANSITIONAL	SCRUB	N34° 43' 24.16"	W112° 01' 56.98"	12.9	3,574.4		TRIM/REMOVE
81059	TRANSITIONAL	SCRUB	N34° 43' 23.83"	W112° 01' 56.82"	12.4	3,574.4		TRIM/REMOVE
81363	TRANSITIONAL	TREE	N34° 43' 20.84"	W112° 01' 55.63"	0.9	3,573.8		TRIM/REMOVE
81378	TRANSITIONAL	TREE	N34° 43' 27.78"	W112° 01' 51.61"	9.6	3,569.5		TRIM/REMOVE
81387	TRANSITIONAL	TREE	N34° 43' 27.18"	W112° 01' 50.73"	5.1	3,571.9		TRIM/REMOVE
81395	TRANSITIONAL	TREE	N34° 43' 26.95"	W112° 01' 50.59"	8.0	3,575.1		TRIM/REMOVE
81411	TRANSITIONAL	TREE	N34° 43' 26.91"	W112° 01' 50.04"	6.2	3,579.4		TRIM/REMOVE
81499	TRANSITIONAL	TREE	N34° 43' 42.91"	W112° 01' 59.85"	0.3	3,547.9		TRIM/REMOVE
81539	TRANSITIONAL	TREE	N34° 43' 51.18"	W112° 02' 02.15"	3.5	3,569.8		TRIM/REMOVE
81547	TRANSITIONAL	TREE	N34° 43' 51.33"	W112° 02' 02.23"	0.3	3,566.6		TRIM/REMOVE
81555	TRANSITIONAL	TREE	N34° 43' 52.21"	W112° 02' 02.57"	24.2	3,591.3		TRIM/REMOVE
81563	TRANSITIONAL	TREE	N34° 43' 52.38"	W112° 02' 02.33"	4.7	3,575.5		TRIM/REMOVE
81595	TRANSITIONAL	BUSH	N34° 43' 51.20"	W112° 02' 04.78"	2.6	3,538.5		TRIM/REMOVE
81603	TRANSITIONAL	BUSH	N34° 43' 52.12"	W112° 02' 04.70"	0.8	3,542.7		TRIM/REMOVE
81627	TRANSITIONAL	WALL	N34° 43' 51.28"	W112° 02' 04.63"	1.3	3,539.6	6.4	REMOVE/LOWER/PROVIDE OL
81635	TRANSITIONAL	FENCE	N34° 43' 54.04"	W112° 02' 06.13"	4.8	3,540.7	6.7	REMOVE/LOWER/PROVIDE OL
81667	TRANSITIONAL	BUSH	N34° 43' 55.02"	W112° 02' 06.38"	0.2	3,538.6		TRIM/REMOVE
81699	TRANSITIONAL	BUSH	N34° 43' 55.65"	W112° 02' 06.73"	0.1	3,537.8		TRIM/REMOVE
81723	TRANSITIONAL	FENCE	N34° 43' 58.00"	W112° 02' 0				

PART 77 SURFACE PENETRATIONS									
POINT ID	SURFACE	DESCRIPTION	LATITUDE	LONGITUDE	OBSTRUCTION PEN VALUE	OBSTRUCTION ELEVATION (MSL)	OBSTRUCTION ELEVATION (AGL)	PROPOSED DISPOSITION	
TRANSITIONAL SURFACE PENETRATION GROUP (CONT.)									
85265	TRANSITIONAL	SCRUB	N34° 43' 46.10"	W112° 02' 09.57"	5.2	3,553.4		TRIM/REMOVE	
85273	TRANSITIONAL	SCRUB	N34° 43' 45.83"	W112° 02' 09.29"	5.0	3,552.0		TRIM/REMOVE	
85287	TRANSITIONAL	SCRUB	N34° 43' 45.76"	W112° 02' 09.53"	2.2	3,552.3		TRIM/REMOVE	
85289	TRANSITIONAL	SCRUB	N34° 43' 45.63"	W112° 02' 09.42"	2.9	3,552.8		TRIM/REMOVE	
85297	TRANSITIONAL	SCRUB	N34° 43' 45.48"	W112° 02' 09.46"	2.6	3,553.9		TRIM/REMOVE	
85305	TRANSITIONAL	SCRUB	N34° 43' 45.31"	W112° 02' 09.35"	2.4	3,553.8		TRIM/REMOVE	
85313	TRANSITIONAL	SCRUB	N34° 43' 45.39"	W112° 02' 09.29"	3.3	3,553.4		TRIM/REMOVE	
85321	TRANSITIONAL	SCRUB	N34° 43' 45.28"	W112° 02' 09.11"	2.8	3,551.7		TRIM/REMOVE	
85329	TRANSITIONAL	SCRUB	N34° 43' 45.22"	W112° 02' 09.08"	3.5	3,552.4		TRIM/REMOVE	
85337	TRANSITIONAL	SCRUB	N34° 43' 45.13"	W112° 02' 08.98"	3.3	3,551.8		TRIM/REMOVE	
85341	TRANSITIONAL	SCRUB	N34° 43' 44.92"	W112° 02' 08.81"	2.9	3,551.0		TRIM/REMOVE	
85353	TRANSITIONAL	SCRUB	N34° 43' 44.90"	W112° 02' 08.63"	4.9	3,551.1		TRIM/REMOVE	
85361	TRANSITIONAL	SCRUB	N34° 43' 44.81"	W112° 02' 08.66"	4.6	3,551.8		TRIM/REMOVE	
85367	TRANSITIONAL	SCRUB	N34° 43' 44.72"	W112° 02' 08.72"	1.9	3,550.3		TRIM/REMOVE	
85377	TRANSITIONAL	SCRUB	N34° 43' 44.67"	W112° 02' 08.63"	2.6	3,550.5		TRIM/REMOVE	
85385	TRANSITIONAL	SCRUB	N34° 43' 44.74"	W112° 02' 08.52"	3.7	3,549.9		TRIM/REMOVE	
85393	TRANSITIONAL	SCRUB	N34° 43' 44.57"	W112° 02' 08.64"	1.5	3,550.1		TRIM/REMOVE	
85401	TRANSITIONAL	TREE	N34° 43' 44.11"	W112° 02' 07.95"	8.4	3,552.6		TRIM/REMOVE	
85408	TRANSITIONAL	TREE	N34° 43' 44.08"	W112° 02' 08.37"	7.7	3,556.8		TRIM/REMOVE	
85417	TRANSITIONAL	TREE	N34° 43' 43.97"	W112° 02' 08.36"	5.2	3,554.9		TRIM/REMOVE	
85425	TRANSITIONAL	TREE	N34° 43' 44.02"	W112° 02' 08.08"	7.2	3,553.4		TRIM/REMOVE	
85433	TRANSITIONAL	SCRUB	N34° 43' 45.22"	W112° 02' 08.31"	8.8	3,549.2		TRIM/REMOVE	
85441	TRANSITIONAL	SCRUB	N34° 43' 45.03"	W112° 02' 09.67"	0.3	3,557.2		TRIM/REMOVE	
85465	TRANSITIONAL	SCRUB	N34° 43' 45.80"	W112° 02' 10.09"	2.7	3,558.9		TRIM/REMOVE	
85473	TRANSITIONAL	SCRUB	N34° 43' 46.10"	W112° 02' 10.25"	0.9	3,556.7		TRIM/REMOVE	
85481	TRANSITIONAL	SCRUB	N34° 43' 46.37"	W112° 02' 10.39"	2.0	3,557.5		TRIM/REMOVE	
85486	TRANSITIONAL	SCRUB	N34° 43' 46.27"	W112° 02' 09.06"	11.7	3,553.0		TRIM/REMOVE	
85497	TRANSITIONAL	SCRUB	N34° 43' 46.19"	W112° 02' 09.30"	8.4	3,553.0		TRIM/REMOVE	
85513	TRANSITIONAL	SCRUB	N34° 43' 46.63"	W112° 02' 09.86"	5.7	3,553.5		TRIM/REMOVE	
85521	TRANSITIONAL	SCRUB	N34° 43' 48.94"	W112° 02' 10.67"	17.4	3,558.1		TRIM/REMOVE	
85529	TRANSITIONAL	SCRUB	N34° 43' 48.95"	W112° 02' 10.76"	16.3	3,557.8		TRIM/REMOVE	
85537	TRANSITIONAL	SCRUB	N34° 43' 49.12"	W112° 02' 10.71"	19.0	3,558.8		TRIM/REMOVE	
85544	TRANSITIONAL	SCRUB	N34° 43' 49.15"	W112° 02' 10.84"	17.0	3,557.9		TRIM/REMOVE	
85553	TRANSITIONAL	SCRUB	N34° 43' 49.26"	W112° 02' 11.02"	16.4	3,558.7		TRIM/REMOVE	
85561	TRANSITIONAL	SCRUB	N34° 43' 49.48"	W112° 02' 11.32"	13.7	3,557.7		TRIM/REMOVE	
85569	TRANSITIONAL	SCRUB	N34° 43' 49.63"	W112° 02' 11.31"	14.4	3,557.3		TRIM/REMOVE	
85577	TRANSITIONAL	SCRUB	N34° 43' 49.69"	W112° 02' 11.14"	14.4	3,555.0		TRIM/REMOVE	
85585	TRANSITIONAL	SCRUB	N34° 43' 49.62"	W112° 02' 10.80"	17.1	3,554.4		TRIM/REMOVE	
85593	TRANSITIONAL	SCRUB	N34° 43' 49.31"	W112° 02' 12.07"	7.9	3,561.4		TRIM/REMOVE	
85601	TRANSITIONAL	SCRUB	N34° 43' 48.67"	W112° 02' 11.70"	8.2	3,562.0		TRIM/REMOVE	
85609	TRANSITIONAL	SCRUB	N34° 43' 49.02"	W112° 02' 12.58"	0.1	3,561.1		TRIM/REMOVE	
85617	TRANSITIONAL	SCRUB	N34° 43' 49.23"	W112° 02' 11.46"	11.9	3,559.2		TRIM/REMOVE	
85640	TRANSITIONAL	TREE	N34° 43' 42.13"	W112° 02' 07.33"	5.0	3,556.3		TRIM/REMOVE	
85657	TRANSITIONAL	TREE	N34° 43' 42.33"	W112° 02' 07.50"	4.6	3,556.3		TRIM/REMOVE	
85673	TRANSITIONAL	TREE	N34° 43' 41.48"	W112° 02' 07.09"	0.4	3,553.4		TRIM/REMOVE	
85705	TRANSITIONAL	TREE	N34° 43' 42.03"	W112° 02' 08.56"	1.0	3,566.7		TRIM/REMOVE	
85721	TRANSITIONAL	SCRUB	N34° 43' 49.23"	W112° 02' 11.29"	13.8	3,559.1		TRIM/REMOVE	
85729	TRANSITIONAL	SCRUB	N34° 43' 49.33"	W112° 02' 12.37"	4.6	3,561.2		TRIM/REMOVE	
85737	TRANSITIONAL	GROUND	N34° 43' 52.03"	W112° 02' 12.23"	10.5	3,546.7	PROVIDE OL		
85745	TRANSITIONAL	GROUND	N34° 43' 49.20"	W112° 02' 10.37"	17.4	3,552.8	PROVIDE OL		
85761	TRANSITIONAL	SCRUB	N34° 43' 41.41"	W112° 02' 06.85"	0.0	3,551.0		TRIM/REMOVE	
85785	TRANSITIONAL	SCRUB	N34° 43' 40.11"	W112° 02' 05.85"	0.4	3,549.2		TRIM/REMOVE	
85817	TRANSITIONAL	SCRUB	N34° 43' 40.45"	W112° 02' 06.15"	0.1	3,550.0		TRIM/REMOVE	
85825	TRANSITIONAL	SCRUB	N34° 43' 40.36"	W112° 02' 06.03"	0.7	3,549.8		TRIM/REMOVE	
85873	TRANSITIONAL	SCRUB	N34° 43' 38.98"	W112° 02' 05.28"	0.5	3,550.9		TRIM/REMOVE	
85921	TRANSITIONAL	SCRUB	N34° 43' 37.65"	W112° 02' 04.58"	0.3	3,552.3		TRIM/REMOVE	
85929	TRANSITIONAL	SCRUB	N34° 43' 37.77"	W112° 02' 04.66"	1.0	3,553.1		TRIM/REMOVE	
85937	TRANSITIONAL	SCRUB	N34° 43' 37.84"	W112° 02' 04.52"	2.7	3,552.6		TRIM/REMOVE	
85985	TRANSITIONAL	SCRUB	N34° 43' 37.34"	W112° 02' 04.43"	1.2	3,553.8		TRIM/REMOVE	
85993	TRANSITIONAL	SCRUB	N34° 43' 37.19"	W112° 02' 04.44"	0.0	3,553.8		TRIM/REMOVE	
86001	TRANSITIONAL	SCRUB	N34° 43' 36.96"	W112° 02' 04.69"	0.5	3,558.7		TRIM/REMOVE	
86049	TRANSITIONAL	SCRUB	N34° 43' 36.78"	W112° 02' 04.18"	5.6	3,559.3		TRIM/REMOVE	
86057	TRANSITIONAL	SCRUB	N34° 43' 36.99"	W112° 02' 03.81"	11.4	3,559.3		TRIM/REMOVE	
86065	TRANSITIONAL	SCRUB	N34° 43' 36.01"	W112° 02' 03.55"	20.2	3,572.2		TRIM/REMOVE	
86073	TRANSITIONAL	SCRUB	N34° 43' 35.88"	W112° 02' 03.65"	18.0	3,572.1		TRIM/REMOVE	
86081	TRANSITIONAL	SCRUB	N34° 43' 35.90"	W112° 02' 03.90"	15.3	3,572.1		TRIM/REMOVE	
86089	TRANSITIONAL	SCRUB	N34° 43' 35.99"	W112° 02' 04.00"	15.7	3,573.1		TRIM/REMOVE	
86097	TRANSITIONAL	SCRUB	N34° 43' 35.87"	W112° 02' 04.02"	15.1	3,573.4		TRIM/REMOVE	
86105	TRANSITIONAL	SCRUB	N34° 43' 35.87"	W112° 02' 04.18"	13.5	3,573.7		TRIM/REMOVE	
86113	TRANSITIONAL	SCRUB	N34° 43'						

PART 77 SURFACE PENETRATIONS									
POINT ID	SURFACE	DESCRIPTION	LATITUDE	LONGITUDE	OBSTRUCTION PEN VALUE	OBSTRUCTION ELEVATION (MSL)	OBSTRUCTION ELEVATION (AGL)	PROPOSED DISPOSITION	
TRANSITIONAL SURFACE PENETRATION GROUP (CONT.)									
88049	TRANSITIONAL	SCRUB	N34° 43' 35.71"	W112° 02' 04.71"	5.4	3,573.0		TRIM/REMOVE	
88057	TRANSITIONAL	SCRUB	N34° 43' 35.67"	W112° 02' 04.80"	4.8	3,573.6		TRIM/REMOVE	
88065	TRANSITIONAL	SCRUB	N34° 43' 35.72"	W112° 02' 04.84"	4.7	3,573.6		TRIM/REMOVE	
88073	TRANSITIONAL	SCRUB	N34° 43' 35.83"	W112° 02' 04.89"	4.2	3,572.9		TRIM/REMOVE	
88081	TRANSITIONAL	SCRUB	N34° 43' 35.86"	W112° 02' 04.76"	5.8	3,572.8		TRIM/REMOVE	
88088	TRANSITIONAL	SCRUB	N34° 43' 35.91"	W112° 02' 04.79"	4.2	3,571.2		TRIM/REMOVE	
88097	TRANSITIONAL	SCRUB	N34° 43' 35.92"	W112° 02' 04.70"	4.4	3,570.2		TRIM/REMOVE	
88201	TRANSITIONAL	SCRUB	N34° 43' 35.07"	W112° 02' 05.55"	0.1	3,581.9		TRIM/REMOVE	
88225	TRANSITIONAL	SCRUB	N34° 43' 34.95"	W112° 02' 05.39"	0.1	3,581.1		TRIM/REMOVE	
88233	TRANSITIONAL	SCRUB	N34° 43' 35.13"	W112° 02' 05.35"	1.1	3,580.2		TRIM/REMOVE	
88241	TRANSITIONAL	SCRUB	N34° 43' 35.09"	W112° 02' 05.10"	2.4	3,579.0		TRIM/REMOVE	
88249	TRANSITIONAL	SCRUB	N34° 43' 34.99"	W112° 02' 05.21"	0.6	3,579.1		TRIM/REMOVE	
88257	TRANSITIONAL	SCRUB	N34° 43' 34.93"	W112° 02' 05.00"	2.5	3,579.0		TRIM/REMOVE	
88265	TRANSITIONAL	SCRUB	N34° 43' 35.00"	W112° 02' 05.01"	2.8	3,578.9		TRIM/REMOVE	
88273	TRANSITIONAL	SCRUB	N34° 43' 34.80"	W112° 02' 04.71"	3.8	3,577.9		TRIM/REMOVE	
88281	TRANSITIONAL	SCRUB	N34° 43' 34.89"	W112° 02' 04.69"	3.7	3,576.9		TRIM/REMOVE	
88289	TRANSITIONAL	SCRUB	N34° 43' 34.97"	W112° 02' 04.71"	2.5	3,575.5		TRIM/REMOVE	
88297	TRANSITIONAL	SCRUB	N34° 43' 35.08"	W112° 02' 04.69"	3.6	3,575.5		TRIM/REMOVE	
88305	TRANSITIONAL	SCRUB	N34° 43' 35.05"	W112° 02' 04.62"	3.4	3,574.7		TRIM/REMOVE	
88313	TRANSITIONAL	SCRUB	N34° 43' 34.95"	W112° 02' 04.49"	3.7	3,574.2		TRIM/REMOVE	
88321	TRANSITIONAL	SCRUB	N34° 43' 34.84"	W112° 02' 04.48"	4.4	3,575.6		TRIM/REMOVE	
88329	TRANSITIONAL	SCRUB	N34° 43' 34.91"	W112° 02' 04.37"	5.9	3,575.3		TRIM/REMOVE	
88337	TRANSITIONAL	SCRUB	N34° 43' 34.86"	W112° 02' 04.35"	5.3	3,574.8		TRIM/REMOVE	
88345	TRANSITIONAL	SCRUB	N34° 43' 34.76"	W112° 02' 04.08"	6.1	3,573.2		TRIM/REMOVE	
88353	TRANSITIONAL	SCRUB	N34° 43' 34.66"	W112° 02' 04.09"	6.0	3,574.1		TRIM/REMOVE	
88361	TRANSITIONAL	SCRUB	N34° 43' 34.54"	W112° 02' 04.01"	6.2	3,574.2		TRIM/REMOVE	
88369	TRANSITIONAL	SCRUB	N34° 43' 34.54"	W112° 02' 04.16"	4.3	3,574.1		TRIM/REMOVE	
88377	TRANSITIONAL	SCRUB	N34° 43' 34.38"	W112° 02' 03.87"	5.5	3,573.0		TRIM/REMOVE	
88385	TRANSITIONAL	SCRUB	N34° 43' 34.27"	W112° 02' 03.79"	5.6	3,573.0		TRIM/REMOVE	
88393	TRANSITIONAL	SCRUB	N34° 43' 34.16"	W112° 02' 03.90"	3.9	3,573.3		TRIM/REMOVE	
88401	TRANSITIONAL	SCRUB	N34° 43' 34.24"	W112° 02' 04.10"	2.4	3,573.6		TRIM/REMOVE	
88409	TRANSITIONAL	SCRUB	N34° 43' 34.25"	W112° 02' 04.24"	0.9	3,573.6		TRIM/REMOVE	
88457	TRANSITIONAL	SCRUB	N34° 43' 34.51"	W112° 02' 04.59"	0.9	3,575.8		TRIM/REMOVE	
88561	TRANSITIONAL	TREE	N34° 43' 33.92"	W112° 02' 04.55"	0.3	3,579.1		TRIM/REMOVE	
88569	TRANSITIONAL	TREE	N34° 43' 32.63"	W112° 02' 03.11"	6.9	3,578.4		TRIM/REMOVE	
88617	TRANSITIONAL	TREE	N34° 43' 31.10"	W112° 02' 02.34"	2.4	3,576.3		TRIM/REMOVE	
88625	TRANSITIONAL	TREE	N34° 43' 30.65"	W112° 02' 02.04"	2.2	3,575.8		TRIM/REMOVE	
88633	TRANSITIONAL	TREE	N34° 43' 28.68"	W112° 02' 01.25"	1.2	3,578.7		TRIM/REMOVE	
88657	TRANSITIONAL	TREE	N34° 43' 26.97"	W112° 02' 00.00"	1.4	3,578.3		TRIM/REMOVE	
88673	TRANSITIONAL	TREE	N34° 43' 26.71"	W112° 01' 59.96"	1.2	3,579.6		TRIM/REMOVE	
88681	TRANSITIONAL	TREE	N34° 43' 26.92	W112° 01' 59.71"	3.5	3,577.3		TRIM/REMOVE	
88785	TRANSITIONAL	TREE	N34° 43' 25.87"	W112° 01' 59.60"	2.5	3,582.6		TRIM/REMOVE	
88793	TRANSITIONAL	TREE	N34° 43' 26.32"	W112° 01' 59.74"	0.9	3,579.5		TRIM/REMOVE	
88801	TRANSITIONAL	TREE	N34° 43' 26.51"	W112° 01' 59.53"	4.4	3,579.1		TRIM/REMOVE	
88809	TRANSITIONAL	TREE	N34° 43' 26.36"	W112° 01' 59.43"	4.3	3,579.0		TRIM/REMOVE	
88817	TRANSITIONAL	TREE	N34° 43' 25.95"	W112° 01' 59.23"	6.4	3,581.5		TRIM/REMOVE	
88824	TRANSITIONAL	TREE	N34° 43' 25.65"	W112° 01' 59.16"	4.8	3,581.1		TRIM/REMOVE	
88833	TRANSITIONAL	TREE	N34° 43' 25.40"	W112° 01' 58.99"	7.0	3,583.0		TRIM/REMOVE	
88841	TRANSITIONAL	TREE	N34° 43' 25.14"	W112° 01' 58.90"	5.3	3,582.0		TRIM/REMOVE	
88849	TRANSITIONAL	TREE	N34° 43' 25.31"	W112° 01' 59.09"	3.9	3,581.7		TRIM/REMOVE	
88857	TRANSITIONAL	TREE	N34° 43' 24.88"	W112° 01' 58.93"	9.7	3,588.4		TRIM/REMOVE	
88865	TRANSITIONAL	TREE	N34° 43' 24.97"	W112° 01' 58.85"	4.5	3,581.7		TRIM/REMOVE	
88873	TRANSITIONAL	TREE	N34° 43' 25.02"	W112° 01' 58.68"	6.1	3,581.0		TRIM/REMOVE	
88881	TRANSITIONAL	TREE	N34° 43' 24.62"	W112° 01' 58.64"	7.1	3,584.1		TRIM/REMOVE	
88889	TRANSITIONAL	TREE	N34° 43' 24.48"	W112° 01' 58.70"	3.6	3,582.3		TRIM/REMOVE	
88897	TRANSITIONAL	TREE	N34° 43' 24.56"	W112° 01' 58.89"	2.6	3,582.9		TRIM/REMOVE	
88905	TRANSITIONAL	TREE	N34° 43' 24.72"	W112° 01' 58.78"	3.3	3,581.4		TRIM/REMOVE	
88913	TRANSITIONAL	TREE	N34° 43' 24.93"	W112° 01' 59.27"	2.9	3,585.3		TRIM/REMOVE	
88921	TRANSITIONAL	TREE	N34° 43' 24.35"	W112° 01' 59.22"	4.1	3,589.6		TRIM/REMOVE	
88945	TRANSITIONAL	TREE	N34° 43' 24.34"	W112° 01' 58.76"	0.9	3,581.1		TRIM/REMOVE	
88953	TRANSITIONAL	TREE	N34° 43' 24.13"	W112° 01' 58.68"	2.8	3,583.5		TRIM/REMOVE	
89057	TRANSITIONAL	TREE	N34° 43' 23.55"	W112° 01' 58.79"	0.7	3,586.3		TRIM/REMOVE	
89065	TRANSITIONAL	TREE	N34° 43' 23.59"	W112° 01' 58.60"	0.5	3,583.7		TRIM/REMOVE	
89089	TRANSITIONAL	TREE	N34° 43' 23.76"	W112° 01' 58.50"	0.2	3,581.3		TRIM/REMOVE	
89097	TRANSITIONAL	TREE	N34° 43' 23.91"	W112° 01' 58.40"	8.4	3,587.4		TRIM/REMOVE	
89105	TRANSITIONAL	TREE	N34° 43' 24.20"	W112° 01' 58.38"	5.6	3,582.5		TRIM/REMOVE	
89113	TRANSITIONAL	TREE	N34° 43' 24.38"	W112° 01' 58.49"	3.1	3,580.0		TRIM/REMOVE	
89121	TRANSITIONAL	TREE	N34° 43' 24.42"	W112° 01' 58.34"	5.4	3,580.4		TRIM/REMOVE	
89129	TRANSITIONAL	TREE	N34° 43' 24.22"	W112° 01' 58.25"	3.2	3,578.4		TRIM/REMOVE	
89137	TRANSITIONAL	TREE	N34° 43' 24.09"	W112° 01' 58.16"	2.0	3,577.1</td			

PART 77 SURFACE PENETRATIONS									
POINT ID	SURFACE	DESCRIPTION	LATITUDE	LONGITUDE	OBSTRUCTION PEN VALUE	OBSTRUCTION ELEVATION (MSL)	OBSTRUCTION ELEVATION (AGL)	PROPOSED DISPOSITION	
TRANSITIONAL SURFACE PENETRATION GROUP (CONT.)									
92938	TRANSITIONAL	SCRUB	N34° 43' 32.82"	W112° 02' 03.39"	1.4	3,574.9		TRIM/REMOVE	
92962	TRANSITIONAL	SCRUB	N34° 43' 33.25"	W112° 02' 02.66"	6.6	3,568.3		TRIM/REMOVE	
92970	TRANSITIONAL	SCRUB	N34° 43' 33.33"	W112° 02' 02.77"	5.7	3,568.1		TRIM/REMOVE	
92978	TRANSITIONAL	SCRUB	N34° 43' 33.52"	W112° 02' 02.95"	7.6	3,570.7		TRIM/REMOVE	
92986	TRANSITIONAL	SCRUB	N34° 43' 33.67"	W112° 02' 02.65"	8.3	3,566.9		TRIM/REMOVE	
92994	TRANSITIONAL	SCRUB	N34° 43' 33.78"	W112° 02' 02.44"	10.0	3,565.3		TRIM/REMOVE	
93002	TRANSITIONAL	SCRUB	N34° 43' 33.91"	W112° 02' 02.91"	8.0	3,567.8		TRIM/REMOVE	
93010	TRANSITIONAL	SCRUB	N34° 43' 34.14"	W112° 02' 03.14"	8.5	3,569.3		TRIM/REMOVE	
93018	TRANSITIONAL	SCRUB	N34° 43' 34.32"	W112° 02' 03.23"	9.4	3,569.9		TRIM/REMOVE	
93026	TRANSITIONAL	SCRUB	N34° 43' 34.39"	W112° 02' 03.13"	11.1	3,569.9		TRIM/REMOVE	
93034	TRANSITIONAL	SCRUB	N34° 43' 34.30"	W112° 02' 02.62"	14.7	3,568.3		TRIM/REMOVE	
93042	TRANSITIONAL	SCRUB	N34° 43' 34.56"	W112° 02' 02.74"	13.5	3,566.7		TRIM/REMOVE	
93050	TRANSITIONAL	SCRUB	N34° 43' 34.53"	W112° 02' 02.63"	15.2	3,567.3		TRIM/REMOVE	
93058	TRANSITIONAL	SCRUB	N34° 43' 34.70"	W112° 02' 02.55"	18.4	3,568.3		TRIM/REMOVE	
93066	TRANSITIONAL	SCRUB	N34° 43' 34.93"	W112° 02' 02.60"	19.1	3,568.0		TRIM/REMOVE	
93074	TRANSITIONAL	SCRUB	N34° 43' 35.02"	W112° 02' 02.84"	18.0	3,568.9		TRIM/REMOVE	
93082	TRANSITIONAL	SCRUB	N34° 43' 34.89"	W112° 02' 02.81"	17.2	3,568.8		TRIM/REMOVE	
93090	TRANSITIONAL	SCRUB	N34° 43' 34.40"	W112° 02' 02.43"	15.6	3,566.3		TRIM/REMOVE	
93098	TRANSITIONAL	SCRUB	N34° 43' 34.20"	W112° 02' 02.30"	16.0	3,566.7		TRIM/REMOVE	
93106	TRANSITIONAL	SCRUB	N34° 43' 34.00"	W112° 02' 02.26"	14.9	3,566.5		TRIM/REMOVE	
93114	TRANSITIONAL	SCRUB	N34° 43' 33.51"	W112° 02' 01.99"	14.2	3,566.3		TRIM/REMOVE	
93122	TRANSITIONAL	SCRUB	N34° 43' 33.63"	W112° 02' 02.10"	11.4	3,563.9		TRIM/REMOVE	
93130	TRANSITIONAL	SCRUB	N34° 43' 33.77"	W112° 02' 02.26"	10.6	3,563.9		TRIM/REMOVE	
93138	TRANSITIONAL	SCRUB	N34° 43' 33.69"	W112° 02' 01.94"	14.2	3,564.3		TRIM/REMOVE	
93146	TRANSITIONAL	SCRUB	N34° 43' 33.23"	W112° 02' 01.84"	13.1	3,565.5		TRIM/REMOVE	
93154	TRANSITIONAL	SCRUB	N34° 43' 32.74"	W112° 02' 01.81"	11.5	3,567.1		TRIM/REMOVE	
93162	TRANSITIONAL	SCRUB	N34° 43' 32.56"	W112° 02' 01.60"	11.8	3,566.3		TRIM/REMOVE	
93170	TRANSITIONAL	SCRUB	N34° 43' 32.41"	W112° 02' 01.59"	11.4	3,566.9		TRIM/REMOVE	
93178	TRANSITIONAL	SCRUB	N34° 43' 32.05"	W112° 02' 01.66"	9.7	3,568.5		TRIM/REMOVE	
93186	TRANSITIONAL	SCRUB	N34° 43' 30.72"	W112° 02' 01.45"	3.5	3,569.7		TRIM/REMOVE	
93194	TRANSITIONAL	SCRUB	N34° 43' 31.99"	W112° 02' 01.47"	11.1	3,568.1		TRIM/REMOVE	
93202	TRANSITIONAL	SCRUB	N34° 43' 30.89"	W112° 02' 01.17"	9.2	3,570.9		TRIM/REMOVE	
93210	TRANSITIONAL	SCRUB	N34° 43' 30.76"	W112° 02' 01.05"	10.8	3,572.0		TRIM/REMOVE	
93218	TRANSITIONAL	SCRUB	N34° 43' 31.14"	W112° 02' 00.86"	13.1	3,569.3		TRIM/REMOVE	
93226	TRANSITIONAL	TREE	N34° 43' 31.63"	W112° 02' 01.16"	15.3	3,571.4		TRIM/REMOVE	
93234	TRANSITIONAL	TREE	N34° 43' 31.50"	W112° 02' 00.98"	17.1	3,572.0		TRIM/REMOVE	
93242	TRANSITIONAL	TREE	N34° 43' 33.50"	W112° 02' 02.17"	14.2	3,568.5		TRIM/REMOVE	
93250	TRANSITIONAL	TREE	N34° 43' 33.06"	W112° 02' 02.39"	12.0	3,571.9		TRIM/REMOVE	
93298	TRANSITIONAL	SCRUB	N34° 43' 35.63"	W112° 02' 04.58"	9.4	3,576.0		TRIM/REMOVE	
93306	TRANSITIONAL	SCRUB	N34° 43' 36.13"	W112° 02' 04.31"	8.0	3,567.8		TRIM/REMOVE	
93314	TRANSITIONAL	GROUND	N34° 43' 35.07"	W112° 02' 03.63"	8.3	3,568.0	PROVIDE OL		
93322	TRANSITIONAL	GROUND	N34° 43' 35.72"	W112° 02' 03.33"	15.8	3,567.3	PROVIDE OL		
93330	TRANSITIONAL	GROUND	N34° 43' 31.79"	W112° 02' 01.88"	4.7	3,568.0	PROVIDE OL		
93338	TRANSITIONAL	GROUND	N34° 43' 29.26"	W112° 02' 00.08"	6.1	3,566.9	PROVIDE OL		
93386	TRANSITIONAL	SCRUB	N34° 43' 29.49"	W112° 02' 01.13"	3.4	3,575.0		TRIM/REMOVE	
93394	TRANSITIONAL	SCRUB	N34° 43' 29.31"	W112° 02' 01.03"	1.5	3,573.3		TRIM/REMOVE	
93402	TRANSITIONAL	SCRUB	N34° 43' 28.19"	W112° 01' 59.45"	8.3	3,569.7		TRIM/REMOVE	
93410	TRANSITIONAL	SCRUB	N34° 43' 27.81"	W112° 01' 59.15"	8.8	3,569.5		TRIM/REMOVE	
93418	TRANSITIONAL	TREE	N34° 43' 27.59"	W112° 01' 59.40"	11.0	3,576.3		TRIM/REMOVE	
93496	TRANSITIONAL	SCRUB	N34° 43' 34.16"	W112° 02' 03.10"	4.5	3,571.6		TRIM/REMOVE	
93514	TRANSITIONAL	SCRUB	N34° 43' 30.76"	W112° 02' 02.07"	0.3	3,573.5		TRIM/REMOVE	
93530	TRANSITIONAL	SCRUB	N34° 43' 30.07"	W112° 02' 01.60"	1.6	3,574.3		TRIM/REMOVE	
93602	TRANSITIONAL	SCRUB	N34° 43' 24.29"	W112° 01' 58.42"	2.8	3,579.5		TRIM/REMOVE	
93618	TRANSITIONAL	SCRUB	N34° 43' 23.60"	W112° 01' 58.00"	0.6	3,577.1		TRIM/REMOVE	
93626	TRANSITIONAL	SCRUB	N34° 43' 24.24"	W112° 01' 57.93"	3.8	3,575.3		TRIM/REMOVE	
93634	TRANSITIONAL	SCRUB	N34° 43' 25.19"	W112° 01' 57.64"	12.9	3,574.8		TRIM/REMOVE	
93642	TRANSITIONAL	SCRUB	N34° 43' 25.33"	W112° 01' 57.61"	13.3	3,573.8		TRIM/REMOVE	
93650	TRANSITIONAL	SCRUB	N34° 43' 25.70"	W112° 01' 57.63"	14.2	3,572.3		TRIM/REMOVE	
93730	TRANSITIONAL	SCRUB	N34° 43' 25.45"	W112° 01' 57.30"	17.4	3,573.4		TRIM/REMOVE	
93738	TRANSITIONAL	SCRUB	N34° 43' 25.49"	W112° 01' 57.45"	16.5	3,574.0		TRIM/REMOVE	
93746	TRANSITIONAL	SCRUB	N34° 43' 25.07"	W112° 01' 57.32"	15.3	3,574.3		TRIM/REMOVE	
93754	TRANSITIONAL	TREE	N34° 43' 25.16"	W112° 01' 57.14"	21.3	3,577.6		TRIM/REMOVE	
93858	TRANSITIONAL	SCRUB	N34° 43' 24.62"	W112° 01' 56.94"	12.9	3,570.7		TRIM/REMOVE	
93866	TRANSITIONAL	SCRUB	N34° 43' 24.32"	W112° 01' 56.90"	12.8	3,572.3		TRIM/REMOVE	
93874	TRANSITIONAL	SCRUB	N34° 43' 24.39"	W112° 01' 56.81"	14.3	3,572.3		TRIM/REMOVE	
93970	TRANSITIONAL	SCRUB	N34° 43' 22.70"	W112° 01' 56.46"	7.0	3,572.6		TRIM/REMOVE	
93978	TRANSITIONAL	SCRUB	N34° 43' 22.69"	W112° 01' 56.90"	4.4	3,574.7		TRIM/REMOVE	
93986	TRANSITIONAL	SCRUB	N34° 43' 23.12"	W112° 01' 57.29"	5.3	3,576.9		TRIM/REMOVE	
94096	TRANSITIONAL	TREE	N34° 43' 45.53"	W112° 02' 09.38"	5.1	3,555.2		TRIM/REMOVE	
200919	TRANSITIONAL</								

PART 77 SURFACE PENETRATIONS									
POINT ID	SURFACE	DESCRIPTION	LATITUDE	LONGITUDE	OBSTRUCTION PEN VALUE	OBSTRUCTION ELEVATION (MSL)	OBSTRUCTION ELEVATION (AGL)	PROPOSED DISPOSITION	
HORIZONTAL SURFACE PENETRATION GROUP (CONT.)									
30107	HORIZONTAL	TREE	N34° 42' 54.17"	W112° 02' 31.45"	33.4	3,743.7		TRIM REMOVE	
30115	HORIZONTAL	TREE	N34° 42' 52.87"	W112° 02' 34.19"	47.1	3,757.4		TRIM REMOVE	
30123	HORIZONTAL	TREE	N34° 42' 51.00"	W112° 02' 33.28"	47.5	3,757.8		TRIM REMOVE	
30131	HORIZONTAL	TREE	N34° 42' 51.93"	W112° 02' 31.02"	38.1	3,748.4		TRIM REMOVE	
30147	HORIZONTAL	TREE	N34° 42' 50.03"	W112° 02' 33.45"	26.0	3,736.3		TRIM REMOVE	
30155	HORIZONTAL	TREE	N34° 42' 01.52"	W112° 02' 32.66"	10.0	3,720.3		TRIM REMOVE	
35315	HORIZONTAL	DIRTFILE	N34° 43' 33.30"	W112° 02' 49.48"	6.3	3,716.6	11.9	REMOVE/LOWER/PROVIDE OL	
35323	HORIZONTAL	DIRTFILE	N34° 43' 32.98"	W112° 02' 51.69"	13.3	3,723.6	13.1	REMOVE/LOWER/PROVIDE OL	
35338	HORIZONTAL	TREE	N34° 43' 38.89"	W112° 03' 03.81"	49.4	3,759.7		TRIM REMOVE	
35346	HORIZONTAL	TREE	N34° 43' 37.08"	W112° 03' 04.47"	21.7	3,732.0		TRIM REMOVE	
35354	HORIZONTAL	TREE	N34° 43' 37.14"	W112° 03' 01.10"	15.4	3,725.7		TRIM REMOVE	
45997	HORIZONTAL	TREE	N34° 42' 47.72"	W112° 02' 04.55"	41.3	3,751.6		TRIM REMOVE	
47523	HORIZONTAL	TREE	N34° 42' 35.63"	W112° 01' 56.67"	1.6	3,711.9		TRIM REMOVE	
47648	HORIZONTAL	TREE	N34° 42' 45.56"	W112° 01' 55.05"	38.7	3,749.0		TRIM REMOVE	
47656	HORIZONTAL	TREE	N34° 42' 43.89"	W112° 01' 57.16"	25.2	3,735.5		TRIM REMOVE	
47664	HORIZONTAL	TREE	N34° 42' 45.16"	W112° 01' 58.08"	56.4	3,766.7		TRIM REMOVE	
47688	HORIZONTAL	TREE	N34° 42' 50.14"	W112° 01' 58.30"	27.2	3,737.5		TRIM REMOVE	
47696	HORIZONTAL	TREE	N34° 42' 50.29"	W112° 02' 00.42"	30.3	3,740.6		TRIM REMOVE	
47706	HORIZONTAL	TREE	N34° 42' 49.89"	W112° 02' 01.73"	43.6	3,753.9		TRIM REMOVE	
47842	HORIZONTAL	TREE	N34° 42' 35.59"	W112° 02' 01.64"	19.7	3,730.0		TRIM REMOVE	
48512	HORIZONTAL	TREE	N34° 43' 23.65"	W112° 02' 45.29"	6.6	3,716.9		TRIM REMOVE	
48561	HORIZONTAL	TREE	N34° 43' 13.64"	W112° 02' 34.29"	46.0	3,756.3		TRIM REMOVE	
48584	HORIZONTAL	TREE	N34° 43' 10.09"	W112° 02' 35.67"	3.2	3,713.5		TRIM REMOVE	
48593	HORIZONTAL	TREE	N34° 43' 10.43"	W112° 02' 40.34"	30.3	3,740.6		TRIM REMOVE	
48601	HORIZONTAL	TREE	N34° 43' 12.33"	W112° 02' 42.43"	71.6	3,781.9		TRIM REMOVE	
48609	HORIZONTAL	TREE	N34° 43' 09.83"	W112° 02' 42.88"	22.3	3,732.6		TRIM REMOVE	
48617	HORIZONTAL	TREE	N34° 43' 10.03"	W112° 02' 47.06"	71.0	3,781.3		TRIM REMOVE	
49270	HORIZONTAL	SCRUB	N34° 42' 38.46"	W112° 02' 09.84"	70.4	3,780.7		TRIM REMOVE	
49278	HORIZONTAL	TREE	N34° 42' 43.65"	W112° 02' 09.12"	54.0	3,764.3		TRIM REMOVE	
49286	HORIZONTAL	TREE	N34° 42' 43.61"	W112° 02' 06.20"	86.0	3,796.3		TRIM REMOVE	
49753	HORIZONTAL	TREE	N34° 42' 38.76"	W112° 02' 15.95"	108.4	3,818.7		TRIM REMOVE	
49761	HORIZONTAL	TREE	N34° 42' 41.09"	W112° 02' 08.36"	84.4	3,794.7		TRIM REMOVE	
49777	HORIZONTAL	TREE	N34° 42' 41.60"	W112° 02' 05.34"	70.5	3,780.8		TRIM REMOVE	
49785	HORIZONTAL	SCRUB	N34° 42' 42.40"	W112° 02' 07.37"	79.4	3,789.7		TRIM REMOVE	
49793	HORIZONTAL	TREE	N34° 42' 46.36"	W112° 02' 07.05"	22.5	3,732.8		TRIM REMOVE	
49808	HORIZONTAL	TREE	N34° 42' 41.74"	W112° 02' 18.84"	36.5	3,746.8		TRIM REMOVE	
49817	HORIZONTAL	TREE	N34° 42' 42.75"	W112° 02' 16.57"	27.6	3,737.9		TRIM REMOVE	
49825	HORIZONTAL	TREE	N34° 42' 42.80"	W112° 02' 21.55"	41.8	3,752.1		TRIM REMOVE	
49841	HORIZONTAL	SCRUB	N34° 42' 43.57"	W112° 02' 24.38"	39.9	3,750.2		TRIM REMOVE	
49849	HORIZONTAL	SCRUB	N34° 42' 45.29"	W112° 02' 25.99"	41.3	3,751.6		TRIM REMOVE	
51856	HORIZONTAL	TREE	N34° 43' 19.22"	W112° 02' 43.10"	15.7	3,726.0		TRIM REMOVE	
51864	HORIZONTAL	TREE	N34° 43' 19.27"	W112° 02' 46.50"	10.4	3,720.7		TRIM REMOVE	
51872	HORIZONTAL	TREE	N34° 43' 22.04"	W112° 02' 46.88"	14.7	3,725.0		TRIM REMOVE	
51880	HORIZONTAL	TREE	N34° 43' 23.42"	W112° 02' 49.44"	9.1	3,719.4		TRIM REMOVE	
51888	HORIZONTAL	TREE	N34° 43' 25.27"	W112° 02' 49.58"	11.6	3,721.9		TRIM REMOVE	
51896	HORIZONTAL	TREE	N34° 43' 27.24"	W112° 02' 49.42"	2.5	3,712.8		TRIM REMOVE	
51904	HORIZONTAL	TREE	N34° 43' 27.99"	W112° 02' 52.20"	7.5	3,717.8		TRIM REMOVE	
51912	HORIZONTAL	TREE	N34° 43' 29.05"	W112° 02' 54.17"	8.9	3,719.2		TRIM REMOVE	
51920	HORIZONTAL	TREE	N34° 43' 18.93"	W112° 02' 41.14"	4.4	3,714.7		TRIM REMOVE	
51976	HORIZONTAL	TREE	N34° 43' 18.38"	W112° 02' 38.53"	4.3	3,714.6		TRIM REMOVE	
54177	HORIZONTAL	TREE	N34° 43' 35.77"	W112° 03' 02.40"	11.7	3,722.0		TRIM REMOVE	
54185	HORIZONTAL	TREE	N34° 43' 33.94"	W112° 03' 03.24"	5.9	3,716.2		TRIM REMOVE	
54274	HORIZONTAL	TREE	N34° 43' 30.97"	W112° 03' 01.49"	16.4	3,726.7		TRIM REMOVE	
54282	HORIZONTAL	TREE	N34° 43' 32.02"	W112° 02' 58.58"	10.9	3,721.2		TRIM REMOVE	
54644	HORIZONTAL	SCRUB	N34° 43' 11.00"	W112° 02' 51.36"	89.8	3,800.1		TRIM REMOVE	
54652	HORIZONTAL	TREE	N34° 43' 16.02"	W112° 02' 51.85"	69.1	3,779.4		TRIM REMOVE	
54640	HORIZONTAL	SCRUB	N34° 42' 54.77"	W112° 02' 37.68"	48.0	3,758.3		TRIM REMOVE	
54944	HORIZONTAL	SCRUB	N34° 42' 54.29"	W112° 02' 33.07"	39.0	3,749.3		TRIM REMOVE	
54956	HORIZONTAL	SCRUB	N34° 42' 55.83"	W112° 02' 33.20"	32.6	3,742.9		TRIM REMOVE	
54964	HORIZONTAL	SCRUB	N34° 43' 01.21"	W112° 02' 36.16"	20.3	3,730.6		TRIM REMOVE	
54972	HORIZONTAL	SCRUB	N34° 43' 00.04"	W112° 02' 31.75"	10.9	3,721.2		TRIM REMOVE	
54988	HORIZONTAL	SCRUB	N34° 42' 58.42"	W112° 02' 26.37"	5.0	3,715.3		TRIM REMOVE	
55462	HORIZONTAL	TREE	N34° 42' 59.86"	W112° 02' 38.52"	42.1	3,752.4		TRIM REMOVE	
55470	HORIZONTAL	TREE	N34° 43' 05.00"	W112° 02' 34.72"	9.1	3,719.4		TRIM REMOVE	
55478	HORIZONTAL	TREE	N34° 42' 58.83"	W112° 02' 28.69"	18.1	3,728.4		TRIM REMOVE	
55486	HORIZONTAL	TREE	N34° 42' 55.89"	W112° 02' 26.54"	17.0	3,727.3		TRIM REMOVE	
55558	HORIZONTAL	TREE	N34° 43' 07.40"	W112° 02' 36.45"	16.2	3,726.5		TRIM REMOVE	
55566	HORIZONTAL	TREE	N34° 43' 08.39"	W112° 02' 38.15"	9.0	3,719.3		TRIM REMOVE	
55574	HORIZONTAL	TREE	N34° 42' 59.13"	W112° 02' 42.25"	47.6	3,757.9		TRIM REMOVE	
56262	HORIZONTAL	TREE	N34° 42' 47.90"	W112° 01' 59.93"	87.2	3,797.5		TRIM REMOVE	
56270	HORIZONTAL	TREE	N34° 42' 46.81"	W112° 01' 59.83"</td					

PART 77 SURFACE PENETRATIONS									
POINT ID	SURFACE	DESCRIPTION	LATITUDE	LONGITUDE	OBSTRUCTION PEN VALUE	OBSTRUCTION ELEVATION (MSL)	OBSTRUCTION ELEVATION (AGL)	PROPOSED DISPOSITION	
HORIZONTAL SURFACE PENETRATION GROUP (CONT.)									
98306	HORIZONTAL	TREE	N34° 42' 40.81"	W112° 02' 06.61"	69.9	3,780.2		TRIM/REMOVE	
98314	HORIZONTAL	TREE	N34° 42' 40.23"	W112° 02' 05.97"	56.2	3,766.5		TRIM/REMOVE	
98322	HORIZONTAL	TREE	N34° 42' 40.20"	W112° 02' 05.45"	53.3	3,763.7		TRIM/REMOVE	
98330	HORIZONTAL	TREE	N34° 42' 40.68"	W112° 02' 05.41"	59.2	3,769.5		TRIM/REMOVE	
98338	HORIZONTAL	TREE	N34° 42' 40.74"	W112° 02' 05.32"	61.5	3,771.8		TRIM/REMOVE	
98346	HORIZONTAL	TREE	N34° 42' 41.94"	W112° 02' 04.83"	66.2	3,776.5		TRIM/REMOVE	
98354	HORIZONTAL	TREE	N34° 42' 42.41"	W112° 02' 04.88"	67.6	3,777.9		TRIM/REMOVE	
98362	HORIZONTAL	TREE	N34° 42' 42.72"	W112° 02' 05.32"	76.6	3,786.9		TRIM/REMOVE	
98370	HORIZONTAL	TREE	N34° 42' 41.98"	W112° 02' 04.05"	64.0	3,774.3		TRIM/REMOVE	
98378	HORIZONTAL	TREE	N34° 42' 41.55"	W112° 02' 04.53"	59.7	3,770.0		TRIM/REMOVE	
98386	HORIZONTAL	TREE	N34° 42' 41.22"	W112° 02' 04.84"	57.8	3,768.1		TRIM/REMOVE	
98394	HORIZONTAL	TREE	N34° 42' 40.62"	W112° 02' 04.49"	51.2	3,761.5		TRIM/REMOVE	
98402	HORIZONTAL	TREE	N34° 42' 40.00"	W112° 02' 05.22"	46.9	3,757.2		TRIM/REMOVE	
98410	HORIZONTAL	TREE	N34° 42' 40.91"	W112° 02' 05.06"	57.3	3,767.6		TRIM/REMOVE	
98418	HORIZONTAL	TREE	N34° 42' 41.29"	W112° 02' 05.98"	67.3	3,777.6		TRIM/REMOVE	
98426	HORIZONTAL	TREE	N34° 42' 41.52"	W112° 02' 06.99"	71.7	3,782.0		TRIM/REMOVE	
98434	HORIZONTAL	TREE	N34° 42' 42.15"	W112° 02' 05.75"	70.6	3,780.9		TRIM/REMOVE	
98442	HORIZONTAL	TREE	N34° 42' 43.55"	W112° 02' 03.75"	74.1	3,784.4		TRIM/REMOVE	
98450	HORIZONTAL	TREE	N34° 42' 44.19"	W112° 02' 04.25"	81.8	3,792.1		TRIM/REMOVE	
98458	HORIZONTAL	TREE	N34° 42' 42.66"	W112° 02' 03.55"	54.2	3,764.5		TRIM/REMOVE	
98466	HORIZONTAL	TREE	N34° 42' 42.71"	W112° 02' 02.91"	45.1	3,755.4		TRIM/REMOVE	
98474	HORIZONTAL	TREE	N34° 42' 43.10"	W112° 02' 03.35"	54.0	3,764.3		TRIM/REMOVE	
98482	HORIZONTAL	TREE	N34° 42' 43.78"	W112° 02' 02.99"	56.4	3,766.7		TRIM/REMOVE	
98490	HORIZONTAL	TREE	N34° 42' 44.30"	W112° 02' 02.63"	71.4	3,781.7		TRIM/REMOVE	
98498	HORIZONTAL	TREE	N34° 42' 44.82"	W112° 02' 02.87"	80.5	3,790.8		TRIM/REMOVE	
98506	HORIZONTAL	TREE	N34° 42' 45.30"	W112° 02' 03.71"	90.2	3,800.5		TRIM/REMOVE	
98514	HORIZONTAL	TREE	N34° 42' 46.18"	W112° 02' 03.82"	83.0	3,793.4		TRIM/REMOVE	
98522	HORIZONTAL	TREE	N34° 42' 45.59"	W112° 02' 03.40"	87.6	3,797.9		TRIM/REMOVE	
98530	HORIZONTAL	TREE	N34° 42' 45.37"	W112° 02' 02.29"	83.9	3,794.2		TRIM/REMOVE	
98538	HORIZONTAL	TREE	N34° 42' 45.75"	W112° 02' 01.64"	84.4	3,794.7		TRIM/REMOVE	
98546	HORIZONTAL	TREE	N34° 42' 46.60"	W112° 02' 01.54"	86.0	3,795.3		TRIM/REMOVE	
98554	HORIZONTAL	TREE	N34° 42' 46.97"	W112° 02' 01.17"	83.4	3,793.7		TRIM/REMOVE	
98562	HORIZONTAL	TREE	N34° 42' 47.27"	W112° 02' 01.09"	84.2	3,794.5		TRIM/REMOVE	
98570	HORIZONTAL	TREE	N34° 42' 47.19"	W112° 02' 01.57"	82.2	3,792.5		TRIM/REMOVE	
98578	HORIZONTAL	TREE	N34° 42' 46.68"	W112° 02' 02.33"	88.9	3,799.2		TRIM/REMOVE	
98586	HORIZONTAL	TREE	N34° 42' 46.87"	W112° 02' 02.67"	84.7	3,795.0		TRIM/REMOVE	
98594	HORIZONTAL	TREE	N34° 42' 46.27"	W112° 02' 00.84"	79.0	3,789.3		TRIM/REMOVE	
98602	HORIZONTAL	TREE	N34° 42' 46.63"	W112° 02' 00.83"	80.8	3,791.1		TRIM/REMOVE	
98610	HORIZONTAL	TREE	N34° 42' 46.60"	W112° 02' 00.29"	80.1	3,790.4		TRIM/REMOVE	
98618	HORIZONTAL	TREE	N34° 42' 46.07"	W112° 02' 00.07"	77.7	3,788.0		TRIM/REMOVE	
98626	HORIZONTAL	TREE	N34° 42' 45.30"	W112° 02' 00.24"	62.8	3,773.1		TRIM/REMOVE	
98634	HORIZONTAL	TREE	N34° 42' 44.25"	W112° 02' 01.79"	54.8	3,765.1		TRIM/REMOVE	
98642	HORIZONTAL	TREE	N34° 42' 44.70"	W112° 02' 01.97"	67.0	3,777.3		TRIM/REMOVE	
98650	HORIZONTAL	TREE	N34° 42' 44.58"	W112° 02' 01.42"	54.6	3,764.9		TRIM/REMOVE	
98658	HORIZONTAL	TREE	N34° 42' 44.23"	W112° 02' 01.14"	46.9	3,757.2		TRIM/REMOVE	
98666	HORIZONTAL	TREE	N34° 42' 43.63"	W112° 02' 01.69"	39.2	3,749.5		TRIM/REMOVE	
98674	HORIZONTAL	TREE	N34° 42' 43.83"	W112° 02' 02.03"	43.6	3,753.9		TRIM/REMOVE	
98682	HORIZONTAL	TREE	N34° 42' 43.45"	W112° 02' 02.85"	50.4	3,760.7		TRIM/REMOVE	
98690	HORIZONTAL	TREE	N34° 42' 43.04"	W112° 02' 02.36"	38.9	3,749.2		TRIM/REMOVE	
98698	HORIZONTAL	TREE	N34° 42' 42.45"	W112° 02' 02.32"	24.1	3,734.4		TRIM/REMOVE	
98706	HORIZONTAL	TREE	N34° 42' 41.74"	W112° 02' 02.77"	38.6	3,748.9		TRIM/REMOVE	
98714	HORIZONTAL	TREE	N34° 42' 42.15"	W112° 02' 03.26"	39.0	3,749.3		TRIM/REMOVE	
98722	HORIZONTAL	TREE	N34° 42' 41.78"	W112° 02' 02.34"	32.2	3,742.5		TRIM/REMOVE	
98730	HORIZONTAL	TREE	N34° 42' 41.27"	W112° 02' 02.40"	32.8	3,743.1		TRIM/REMOVE	
98738	HORIZONTAL	TREE	N34° 42' 40.93"	W112° 02' 02.38"	40.7	3,751.0		TRIM/REMOVE	
98746	HORIZONTAL	TREE	N34° 42' 40.51"	W112° 02' 03.82"	39.1	3,749.4		TRIM/REMOVE	
98754	HORIZONTAL	TREE	N34° 42' 40.91"	W112° 02' 04.21"	49.5	3,759.8		TRIM/REMOVE	
98762	HORIZONTAL	TREE	N34° 42' 41.33"	W112° 02' 04.03"	52.6	3,762.9		TRIM/REMOVE	
98770	HORIZONTAL	TREE	N34° 42' 41.94"	W112° 02' 04.90"	70.8	3,781.1		TRIM/REMOVE	
98778	HORIZONTAL	TREE	N34° 42' 40.37"	W112° 02' 02.90"	26.2	3,736.5		TRIM/REMOVE	
98786	HORIZONTAL	TREE	N34° 42' 40.63"	W112° 02' 02.48"	25.9	3,736.2		TRIM/REMOVE	
98794	HORIZONTAL	TREE	N34° 42' 41.05"	W112° 02' 01.99"	26.0	3,736.3		TRIM/REMOVE	
98802	HORIZONTAL	TREE	N34° 42' 39.83"	W112° 02' 02.34"	5.0	3,715.3		TRIM/REMOVE	
98810	HORIZONTAL	TREE	N34° 42' 39.82"	W112° 02' 03.21"	13.9	3,724.2		TRIM/REMOVE	
98818	HORIZONTAL	TREE	N34° 42' 39.80"	W112° 02' 03.75"	27.5	3,737.8		TRIM/REMOVE	
98826	HORIZONTAL	TREE	N34° 42' 39.57"	W112° 02' 04.27"	28.5	3,738.8		TRIM/REMOVE	
98834	HORIZONTAL	TREE	N34° 42' 38.95"	W112° 02' 04.69"	40.9	3,751.2		TRIM/REMOVE	
98842	HORIZONTAL	TREE	N34° 42' 38.74"	W112° 02' 05.18"	43.9	3,754.2		TRIM/REMOVE	
98850	HORIZONTAL	TREE	N34° 42' 37.96"	W112° 02' 06.00"	46.3	3,756.6		TRIM/REMOVE	
98858	HORIZONTAL	TREE	N34° 42' 38.81"	W112° 02' 06.17"	48.9	3,759.2		TRIM/REMOVE	
98866	H								

PART 77 SURFACE PENETRATIONS									
POINT ID	SURFACE	DESCRIPTION	LATITUDE	LONGITUDE	OBSTRUCTION PEN VALUE	OBSTRUCTION ELEVATION (MSL)	OBSTRUCTION ELEVATION (AGL)	PROPOSED DISPOSITION	
HORIZONTAL SURFACE PENETRATION GROUP (CONT.)									
104354	HORIZONTAL	TREE	N34° 42' 34.88"	W112° 01' 54.70"	14.4	3,724.7		TRIM/REMOVE	
104362	HORIZONTAL	TREE	N34° 42' 34.59"	W112° 01' 53.44"	4.5	3,714.8		TRIM/REMOVE	
104370	HORIZONTAL	TREE	N34° 42' 35.10"	W112° 01' 53.12"	1.1	3,711.4		TRIM/REMOVE	
104378	HORIZONTAL	TREE	N34° 42' 34.66"	W112° 01' 52.78"	1.3	3,711.6		TRIM/REMOVE	
104394	HORIZONTAL	TREE	N34° 42' 34.64"	W112° 01' 59.67"	23.0	3,733.3		TRIM/REMOVE	
104402	HORIZONTAL	TREE	N34° 42' 34.96"	W112° 02' 01.29"	24.0	3,734.3		TRIM/REMOVE	
104522	HORIZONTAL	SCRUB	N34° 42' 35.05"	W112° 02' 03.21"	30.3	3,740.6		TRIM/REMOVE	
105722	HORIZONTAL	TREE	N34° 42' 34.21"	W112° 01' 56.84"	14.6	3,724.9		TRIM/REMOVE	
105858	HORIZONTAL	TREE	N34° 42' 34.16"	W112° 01' 56.29"	13.6	3,723.9		TRIM/REMOVE	
105866	HORIZONTAL	TREE	N34° 42' 34.73"	W112° 01' 56.59"	11.4	3,721.7		TRIM/REMOVE	
105874	HORIZONTAL	TREE	N34° 42' 34.64"	W112° 01' 55.93"	10.5	3,720.8		TRIM/REMOVE	
105890	HORIZONTAL	SCRUB	N34° 42' 34.07"	W112° 01' 53.47"	1.4	3,711.7		TRIM/REMOVE	
110098	HORIZONTAL	SCRUB	N34° 42' 34.32"	W112° 01' 59.12"	17.7	3,728.0		TRIM/REMOVE	
110106	HORIZONTAL	SCRUB	N34° 42' 34.92"	W112° 01' 59.20"	16.5	3,726.8		TRIM/REMOVE	
110114	HORIZONTAL	SCRUB	N34° 42' 35.45"	W112° 01' 58.90"	9.3	3,719.6		TRIM/REMOVE	
110122	HORIZONTAL	SCRUB	N34° 42' 35.54"	W112° 01' 59.46"	13.8	3,724.1		TRIM/REMOVE	
110130	HORIZONTAL	TREE	N34° 42' 36.53"	W112° 01' 59.73"	0.4	3,710.7		TRIM/REMOVE	
110138	HORIZONTAL	TREE	N34° 42' 35.91"	W112° 01' 59.62"	13.5	3,723.8		TRIM/REMOVE	
110146	HORIZONTAL	TREE	N34° 42' 35.79"	W112° 02' 02.31"	14.2	3,724.5		TRIM/REMOVE	
110170	HORIZONTAL	TREE	N34° 42' 36.27"	W112° 01' 59.94"	4.6	3,714.9		TRIM/REMOVE	
110178	HORIZONTAL	TREE	N34° 42' 35.28"	W112° 01' 58.25"	3.7	3,714.0		TRIM/REMOVE	
110188	HORIZONTAL	TREE	N34° 42' 35.16"	W112° 01' 55.94"	5.2	3,715.5		TRIM/REMOVE	
110194	HORIZONTAL	SCRUB	N34° 42' 35.14"	W112° 01' 55.49"	2.2	3,712.5		TRIM/REMOVE	
110202	HORIZONTAL	SCRUB	N34° 42' 34.42"	W112° 01' 55.33"	7.3	3,717.6		TRIM/REMOVE	
110242	HORIZONTAL	SCRUB	N34° 42' 34.22"	W112° 01' 54.82"	5.1	3,715.4		TRIM/REMOVE	
110250	HORIZONTAL	SCRUB	N34° 42' 34.81"	W112° 01' 55.09"	5.6	3,715.9		TRIM/REMOVE	
110258	HORIZONTAL	TREE	N34° 42' 35.05"	W112° 01' 53.91"	6.1	3,716.4		TRIM/REMOVE	
110338	HORIZONTAL	SCRUB	N34° 42' 34.61"	W112° 01' 54.05"	0.5	3,710.8		TRIM/REMOVE	
110386	HORIZONTAL	SCRUB	N34° 42' 34.90"	W112° 02' 02.44"	26.1	3,736.4		TRIM/REMOVE	
110394	HORIZONTAL	TREE	N34° 42' 35.99"	W112° 02' 03.57"	16.0	3,726.3		TRIM/REMOVE	
110402	HORIZONTAL	TREE	N34° 42' 35.90"	W112° 02' 04.61"	21.2	3,731.5		TRIM/REMOVE	
110410	HORIZONTAL	TREE	N34° 42' 36.40"	W112° 02' 05.61"	35.8	3,746.1		TRIM/REMOVE	
110418	HORIZONTAL	SCRUB	N34° 42' 36.02"	W112° 02' 05.88"	38.0	3,748.3		TRIM/REMOVE	
110426	HORIZONTAL	SCRUB	N34° 42' 36.47"	W112° 02' 06.38"	42.6	3,752.9		TRIM/REMOVE	
110434	HORIZONTAL	SCRUB	N34° 42' 36.89"	W112° 02' 06.72"	45.6	3,755.9		TRIM/REMOVE	
110442	HORIZONTAL	SCRUB	N34° 42' 37.45"	W112° 02' 05.76"	40.0	3,750.3		TRIM/REMOVE	
110450	HORIZONTAL	SCRUB	N34° 42' 37.06"	W112° 02' 05.36"	35.3	3,745.6		TRIM/REMOVE	
110458	HORIZONTAL	TREE	N34° 42' 36.40"	W112° 02' 04.91"	18.5	3,728.8		TRIM/REMOVE	
110466	HORIZONTAL	TREE	N34° 42' 36.17"	W112° 02' 04.39"	6.0	3,716.3		TRIM/REMOVE	
110474	HORIZONTAL	SCRUB	N34° 42' 38.66"	W112° 02' 07.50"	56.4	3,766.7		TRIM/REMOVE	
110482	HORIZONTAL	SCRUB	N34° 42' 38.27"	W112° 02' 06.97"	51.0	3,761.3		TRIM/REMOVE	
110490	HORIZONTAL	SCRUB	N34° 42' 39.05"	W112° 02' 09.63"	76.6	3,786.9		TRIM/REMOVE	
110498	HORIZONTAL	SCRUB	N34° 42' 39.99"	W112° 02' 07.96"	58.5	3,768.8		TRIM/REMOVE	
110509	HORIZONTAL	SCRUB	N34° 42' 38.45"	W112° 02' 08.08"	57.7	3,768.0		TRIM/REMOVE	
110514	HORIZONTAL	SCRUB	N34° 42' 38.00"	W112° 02' 08.62"	60.8	3,771.1		TRIM/REMOVE	
110522	HORIZONTAL	SCRUB	N34° 42' 38.32"	W112° 02' 09.28"	65.7	3,776.0		TRIM/REMOVE	
110530	HORIZONTAL	SCRUB	N34° 42' 38.88"	W112° 02' 09.51"	70.8	3,781.1		TRIM/REMOVE	
110538	HORIZONTAL	SCRUB	N34° 42' 39.30"	W112° 02' 09.63"	76.6	3,786.9		TRIM/REMOVE	
110545	HORIZONTAL	SCRUB	N34° 42' 39.98"	W112° 02' 08.99"	76.6	3,786.9		TRIM/REMOVE	
110554	HORIZONTAL	SCRUB	N34° 42' 39.87"	W112° 02' 08.32"	69.7	3,780.0		TRIM/REMOVE	
110562	HORIZONTAL	SCRUB	N34° 42' 40.33"	W112° 02' 09.60"	81.4	3,791.7		TRIM/REMOVE	
110562	HORIZONTAL	TREE	N34° 42' 40.23"	W112° 02' 10.57"	90.1	3,800.4		TRIM/REMOVE	
110628	HORIZONTAL	TREE	N34° 42' 39.86"	W112° 02' 10.57"	87.9	3,798.2		TRIM/REMOVE	
110636	HORIZONTAL	TREE	N34° 42' 42.22"	W112° 02' 10.77"	61.8	3,772.1		TRIM/REMOVE	
110644	HORIZONTAL	TREE	N34° 42' 42.22"	W112° 02' 11.54"	48.5	3,758.8		TRIM/REMOVE	
110660	HORIZONTAL	TREE	N34° 42' 41.94"	W112° 02' 12.81"	44.1	3,754.4		TRIM/REMOVE	
110668	HORIZONTAL	SCRUB	N34° 42' 41.07"	W112° 02' 10.10"	86.4	3,796.7		TRIM/REMOVE	
110676	HORIZONTAL	SCRUB	N34° 42' 40.61"	W112° 02' 11.03"	89.9	3,800.2		TRIM/REMOVE	
110684	HORIZONTAL	SCRUB	N34° 42' 40.59"	W112° 02' 11.81"	84.8	3,795.1		TRIM/REMOVE	
110692	HORIZONTAL	SCRUB	N34° 42' 39.89"	W112° 02' 11.28"	91.8	3,802.1		TRIM/REMOVE	
110700	HORIZONTAL	SCRUB	N34° 42' 40.55"	W112° 02' 10.32"	87.1	3,797.4		TRIM/REMOVE	
110708	HORIZONTAL	SCRUB	N34° 42' 39.88"	W112° 02' 10.15"	82.3	3,792.6		TRIM/REMOVE	
110716	HORIZONTAL	SCRUB	N34° 42' 40.78"	W112° 02' 09.13"	80.7	3,791.0		TRIM/REMOVE	
110724	HORIZONTAL	SCRUB	N34° 42' 41.26"	W112° 02' 09.68"	83.9	3,794.2		TRIM/REMOVE	
110732	HORIZONTAL	SCRUB	N34° 42' 41.60"	W112° 02' 10.33"	77.1	3,787.4		TRIM/REMOVE	
110740	HORIZONTAL	SCRUB	N34° 42' 42.75"	W112° 02' 09.43"	60.0	3,770.3		TRIM/REMOVE	
110748	HORIZONTAL	SCRUB	N34° 42' 42.74"	W112° 02' 10.32"	44.1	3,754.4		TRIM/REMOVE	
110756	HORIZONTAL	SCRUB	N34° 42' 43.12"	W112° 02' 08.75"	61.1	3,771.4		TRIM/REMOVE	
110764	HORIZONTAL	SCRUB	N34° 42' 42.26"	W112° 02' 08.19"	80.6	3,790.9		TRIM/REMOVE	
110772	HORIZONTAL								

PART 77 SURFACE PENETRATIONS									
POINT ID	SURFACE	DESCRIPTION	LATITUDE	LONGITUDE	OBSTRUCTION PEN VALUE	OBSTRUCTION ELEVATION (MSL)	OBSTRUCTION ELEVATION (AGL)	PROPOSED DISPOSITION	
HORIZONTAL SURFACE PENETRATION GROUP (CONT.)									
112500	HORIZONTAL	TREE	N34° 42' 42.57"	W112° 02' 11.14"	45.8	3,756.1		TRIM/REMOVE	
		TREE	N34° 42' 50.51"	W112° 01' 58.25"	13.5	3,723.8		TRIM/REMOVE	
112532	HORIZONTAL	TREE	N34° 42' 46.65"	W112° 01' 55.89"	35.0	3,745.3		TRIM/REMOVE	
112540	HORIZONTAL	SCRUB	N34° 42' 45.68"	W112° 01' 57.06"	45.7	3,756.0		TRIM/REMOVE	
112548	HORIZONTAL	SCRUB	N34° 42' 45.34"	W112° 01' 54.33"	18.7	3,756.0		TRIM/REMOVE	
112556	HORIZONTAL	SCRUB	N34° 42' 45.89"	W112° 01' 56.06"	41.3	3,751.6		TRIM/REMOVE	
112564	HORIZONTAL	SCRUB	N34° 42' 45.45"	W112° 01' 56.02"	36.4	3,746.7		TRIM/REMOVE	
112572	HORIZONTAL	SCRUB	N34° 42' 45.10"	W112° 01' 54.84"	30.3	3,740.6		TRIM/REMOVE	
112580	HORIZONTAL	SCRUB	N34° 42' 43.48"	W112° 01' 54.80"	8.7	3,719.0		TRIM/REMOVE	
112588	HORIZONTAL	GROUND	N34° 42' 43.72"	W112° 01' 54.15"	3.1	3,713.4		PROVIDE OL	
112597	HORIZONTAL	TREE	N34° 42' 43.22"	W112° 02' 00.55"	6.6	3,716.9		TRIM/REMOVE	
112604	HORIZONTAL	GROUND	N34° 42' 43.12"	W112° 02' 01.79"	12.3	3,722.6		PROVIDE OL	
112612	HORIZONTAL	SCRUB	N34° 42' 40.90"	W112° 02' 02.91"	27.0	3,737.3		TRIM/REMOVE	
112620	HORIZONTAL	SCRUB	N34° 42' 39.53"	W112° 02' 07.09"	55.7	3,766.0		TRIM/REMOVE	
112628	HORIZONTAL	SCRUB	N34° 42' 38.27"	W112° 02' 05.74"	39.5	3,749.8		TRIM/REMOVE	
112636	HORIZONTAL	SCRUB	N34° 42' 35.72"	W112° 02' 07.03"	46.8	3,757.1		TRIM/REMOVE	
112652	HORIZONTAL	SCRUB	N34° 42' 35.87"	W112° 02' 08.51"	55.6	3,765.9		TRIM/REMOVE	
112724	HORIZONTAL	SCRUB	N34° 42' 40.49"	W112° 02' 08.02"	70.1	3,780.4		TRIM/REMOVE	
112732	HORIZONTAL	SCRUB	N34° 42' 40.68"	W112° 02' 08.61"	76.4	3,786.7		TRIM/REMOVE	
112740	HORIZONTAL	SCRUB	N34° 42' 38.96"	W112° 02' 04.21"	12.8	3,723.1		TRIM/REMOVE	
112748	HORIZONTAL	SCRUB	N34° 42' 38.90"	W112° 02' 05.68"	41.3	3,751.6		TRIM/REMOVE	
112756	HORIZONTAL	SCRUB	N34° 42' 36.06"	W112° 02' 07.58"	49.3	3,759.6		TRIM/REMOVE	
112764	HORIZONTAL	SCRUB	N34° 42' 36.42"	W112° 02' 08.05"	52.1	3,762.4		TRIM/REMOVE	
112772	HORIZONTAL	SCRUB	N34° 42' 36.97"	W112° 02' 08.02"	52.4	3,762.7		TRIM/REMOVE	
112780	HORIZONTAL	SCRUB	N34° 42' 37.00"	W112° 02' 08.79"	56.7	3,767.0		TRIM/REMOVE	
112788	HORIZONTAL	SCRUB	N34° 42' 37.46"	W112° 02' 09.25"	60.2	3,770.5		TRIM/REMOVE	
112796	HORIZONTAL	FENCE	N34° 42' 37.81"	W112° 02' 09.37"	63.4	3,773.7	4.9	REMOVE/LOWER/PROVIDE OL	
112804	HORIZONTAL	FENCE	N34° 42' 37.82"	W112° 02' 08.05"	54.5	3,764.8	3.9	REMOVE/LOWER/PROVIDE OL	
112812	HORIZONTAL	FENCE	N34° 42' 37.82"	W112° 02' 07.08"	49.3	3,759.6	4.5	REMOVE/LOWER/PROVIDE OL	
112820	HORIZONTAL	FENCE	N34° 42' 37.79"	W112° 02' 05.73"	37.6	3,747.9	4.3	REMOVE/LOWER/PROVIDE OL	
112828	HORIZONTAL	FENCE	N34° 42' 37.82"	W112° 02' 10.44"	74.1	3,784.4	7.5	REMOVE/LOWER/PROVIDE OL	
112836	HORIZONTAL	FENCE	N34° 42' 37.79"	W112° 02' 11.98"	86.9	3,797.2	7.6	REMOVE/LOWER/PROVIDE OL	
112844	HORIZONTAL	FENCE	N34° 42' 37.82"	W112° 02' 13.77"	101.6	3,811.9	8.1	REMOVE/LOWER/PROVIDE OL	
112852	HORIZONTAL	TREE	N34° 42' 48.08"	W112° 02' 04.50"	25.4	3,735.7		TRIM/REMOVE	
112860	HORIZONTAL	SCRUB	N34° 42' 48.66"	W112° 02' 02.64"	51.1	3,761.4		TRIM/REMOVE	
112868	HORIZONTAL	SCRUB	N34° 42' 43.68"	W112° 02' 11.00"	16.6	3,728.9		TRIM/REMOVE	
112876	HORIZONTAL	SCRUB	N34° 42' 38.88"	W112° 02' 10.11"	77.6	3,787.9		TRIM/REMOVE	
113036	HORIZONTAL	TRANSMISSION_PYLON	N34° 44' 22.17"	W112° 03' 10.84"	0.4	3,710.7	67.6	REMOVE/LOWER/PROVIDE OL	
113044	HORIZONTAL	TRANSMISSION_PYLON	N34° 44' 22.56"	W112° 03' 11.22"	2.4	3,712.7	68.4	REMOVE/LOWER/PROVIDE OL	
114486	HORIZONTAL	SCRUB	N34° 42' 45.76"	W112° 02' 15.68"	0.3	3,710.6		TRIM/REMOVE	
114928	HORIZONTAL	SCRUB	N34° 42' 43.28"	W112° 02' 13.93"	10.0	3,720.3		TRIM/REMOVE	
114936	HORIZONTAL	SCRUB	N34° 42' 42.05"	W112° 02' 13.28"	34.5	3,744.8		TRIM/REMOVE	
114944	HORIZONTAL	SCRUB	N34° 42' 41.44"	W112° 02' 11.82"	61.6	3,771.9		TRIM/REMOVE	
114952	HORIZONTAL	SCRUB	N34° 42' 39.46"	W112° 02' 10.65"	86.6	3,796.9		TRIM/REMOVE	
114960	HORIZONTAL	SCRUB	N34° 42' 36.96"	W112° 02' 06.19"	42.6	3,752.9		TRIM/REMOVE	
114968	HORIZONTAL	SCRUB	N34° 42' 35.57"	W112° 02' 06.37"	42.2	3,752.5		TRIM/REMOVE	
116240	HORIZONTAL	SCRUB	N34° 42' 34.77"	W112° 02' 06.63"	20.9	3,731.2		TRIM/REMOVE	
116248	HORIZONTAL	SCRUB	N34° 42' 35.57"	W112° 02' 00.10"	13.5	3,723.8		TRIM/REMOVE	
116256	HORIZONTAL	SCRUB	N34° 42' 34.89"	W112° 01' 57.08"	5.7	3,716.0		TRIM/REMOVE	
116264	HORIZONTAL	SCRUB	N34° 42' 36.16"	W112° 02' 04.05"	0.6	3,710.9		TRIM/REMOVE	
116272	HORIZONTAL	SCRUB	N34° 42' 35.14"	W112° 02' 04.35"	30.3	3,740.6		TRIM/REMOVE	
116296	HORIZONTAL	SCRUB	N34° 42' 36.39"	W112° 02' 07.34"	47.7	3,758.0		TRIM/REMOVE	
116304	HORIZONTAL	SCRUB	N34° 42' 36.99"	W112° 02' 07.21"	49.4	3,759.7		TRIM/REMOVE	
116312	HORIZONTAL	SCRUB	N34° 42' 37.22"	W112° 02' 08.34"	55.5	3,765.8		TRIM/REMOVE	
116320	HORIZONTAL	SCRUB	N34° 42' 37.41"	W112° 02' 08.66"	58.3	3,768.6		TRIM/REMOVE	
116328	HORIZONTAL	SCRUB	N34° 42' 38.30"	W112° 02' 05.13"	36.0	3,746.3		TRIM/REMOVE	
116336	HORIZONTAL	SCRUB	N34° 42' 39.46"	W112° 02' 05.03"	31.3	3,741.6		TRIM/REMOVE	
116344	HORIZONTAL	TREE	N34° 42' 40.26"	W112° 02' 03.57"	31.4	3,741.7		TRIM/REMOVE	
116352	HORIZONTAL	TREE	N34° 42' 40.39"	W112° 02' 04.95"	45.1	3,755.4		TRIM/REMOVE	
116360	HORIZONTAL	TREE	N34° 42' 40.16"	W112° 02' 02.62"	14.1	3,724.4		TRIM/REMOVE	
116368	HORIZONTAL	TREE	N34° 42' 41.46"	W112° 02' 01.82"	21.3	3,731.6		TRIM/REMOVE	
116376	HORIZONTAL	TREE	N34° 42' 42.94"	W112° 02' 04.09"	56.4	3,766.7		TRIM/REMOVE	
116384	HORIZONTAL	SCRUB	N34° 42' 40.35"	W112° 02' 07.22"	62.5	3,772.8		TRIM/REMOVE	
116392	HORIZONTAL	SCRUB	N34° 42' 42.71"	W112° 02' 08.97"	67.5	3,777.8		TRIM/REMOVE	
116400	HORIZONTAL	SCRUB	N34° 42' 42.73"	W112° 02' 07.38"	77.9	3,788.2		TRIM/REMOVE	
116408	HORIZONTAL	SCRUB	N34° 42' 43.43"	W112° 02' 05.21"	73.8	3,784.1		TRIM/REMOVE	
116416	HORIZONTAL	SCRUB	N34° 42' 42.77"	W112° 02' 05.77"	72.8	3,783.1		TRIM/REMOVE	
116424	HORIZONTAL	SCRUB	N34° 42' 40.06"	W112° 02' 05.34"	64.0	3,774.3		TRIM/REMOVE	
116432	HORIZONTAL	SCRUB	N34° 42						

PART 77 SURFACE PENETRATIONS									
POINT ID	SURFACE	DESCRIPTION	LATITUDE	LONGITUDE	OBSTRUCTION PEN VALUE	OBSTRUCTION ELEVATION (MSL)	OBSTRUCTION ELEVATION (AGL)	PROPOSED DISPOSITION	
HORIZONTAL SURFACE PENETRATION GROUP (CONT.)									
149855	HORIZONTAL	TREE	N34° 42' 52.20"	W112° 02' 20.98"	2.7	3,713.0		TRIM/REMOVE	
149863	HORIZONTAL	TREE	N34° 42' 49.62"	W112° 02' 20.19"	9.2	3,719.5		TRIM/REMOVE	
149871	HORIZONTAL	TREE	N34° 42' 48.08"	W112° 02' 19.35"	9.3	3,719.6		TRIM/REMOVE	
149879	HORIZONTAL	TREE	N34° 42' 44.16"	W112° 02' 23.45"	34.8	3,745.1		TRIM/REMOVE	
149887	HORIZONTAL	TREE	N34° 42' 46.22"	W112° 02' 26.72"	45.6	3,755.9		TRIM/REMOVE	
149895	HORIZONTAL	TREE	N34° 42' 48.97"	W112° 02' 26.71"	35.3	3,745.6		TRIM/REMOVE	
149903	HORIZONTAL	TREE	N34° 42' 49.72"	W112° 02' 27.22"	34.3	3,744.6		TRIM/REMOVE	
149911	HORIZONTAL	TREE	N34° 42' 56.30"	W112° 02' 28.02"	19.8	3,730.1		TRIM/REMOVE	
149927	HORIZONTAL	TREE	N34° 42' 57.92"	W112° 02' 24.80"	2.1	3,712.4		TRIM/REMOVE	
149935	HORIZONTAL	TREE	N34° 42' 57.23"	W112° 02' 24.59"	3.1	3,713.4		TRIM/REMOVE	
149943	HORIZONTAL	TREE	N34° 42' 54.62"	W112° 02' 25.53"	9.3	3,719.6		TRIM/REMOVE	
149951	HORIZONTAL	TREE	N34° 42' 43.65"	W112° 02' 28.37"	56.9	3,767.2		TRIM/REMOVE	
149959	HORIZONTAL	TREE	N34° 42' 44.74"	W112° 02' 28.99"	59.3	3,769.6		TRIM/REMOVE	
149967	HORIZONTAL	TREE	N34° 42' 45.81"	W112° 02' 25.16"	41.3	3,751.6		TRIM/REMOVE	
149975	HORIZONTAL	TREE	N34° 42' 48.51"	W112° 02' 25.69"	31.6	3,741.9		TRIM/REMOVE	
149983	HORIZONTAL	TREE	N34° 42' 53.20"	W112° 02' 31.90"	36.8	3,747.1		TRIM/REMOVE	
149991	HORIZONTAL	TREE	N34° 42' 55.75"	W112° 02' 35.05"	38.7	3,749.0		TRIM/REMOVE	
149999	HORIZONTAL	TREE	N34° 42' 55.25"	W112° 02' 36.74"	44.4	3,754.7		TRIM/REMOVE	
150007	HORIZONTAL	TREE	N34° 42' 56.91"	W112° 02' 36.81"	39.7	3,750.0		TRIM/REMOVE	
150015	HORIZONTAL	TREE	N34° 42' 51.67"	W112° 02' 38.00"	60.5	3,770.8		TRIM/REMOVE	
150039	HORIZONTAL	TREE	N34° 42' 49.47"	W112° 02' 35.44"	61.4	3,771.7		TRIM/REMOVE	
150047	HORIZONTAL	TREE	N34° 42' 51.02"	W112° 02' 28.42"	34.8	3,745.1		TRIM/REMOVE	
150055	HORIZONTAL	TREE	N34° 42' 55.09"	W112° 02' 23.28"	2.0	3,712.3		TRIM/REMOVE	
150063	HORIZONTAL	TREE	N34° 42' 54.16"	W112° 02' 22.38"	2.1	3,712.4		TRIM/REMOVE	
150071	HORIZONTAL	TREE	N34° 42' 53.28"	W112° 02' 21.50"	1.6	3,711.9		TRIM/REMOVE	
150087	HORIZONTAL	TREE	N34° 42' 49.27"	W112° 02' 18.97"	3.6	3,713.9		TRIM/REMOVE	
150095	HORIZONTAL	TREE	N34° 42' 50.82"	W112° 02' 20.22"	4.3	3,714.6		TRIM/REMOVE	
150103	HORIZONTAL	TREE	N34° 42' 53.16"	W112° 02' 26.15"	18.7	3,729.0		TRIM/REMOVE	
150111	HORIZONTAL	TREE	N34° 42' 54.46"	W112° 02' 27.13"	16.5	3,728.8		TRIM/REMOVE	
150119	HORIZONTAL	TREE	N34° 42' 55.75"	W112° 02' 30.57"	25.8	3,736.1		TRIM/REMOVE	
150127	HORIZONTAL	TREE	N34° 42' 56.94"	W112° 02' 29.54"	19.3	3,729.6		TRIM/REMOVE	
150135	HORIZONTAL	TREE	N34° 42' 58.16"	W112° 02' 28.16"	9.7	3,720.0		TRIM/REMOVE	
150143	HORIZONTAL	TREE	N34° 42' 58.37"	W112° 02' 27.39"	7.3	3,717.6		TRIM/REMOVE	
150151	HORIZONTAL	TREE	N34° 43' 00.61"	W112° 02' 30.57"	11.6	3,721.9		TRIM/REMOVE	
150159	HORIZONTAL	TREE	N34° 43' 01.02"	W112° 02' 31.67"	12.1	3,722.4		TRIM/REMOVE	
150167	HORIZONTAL	TREE	N34° 43' 02.76"	W112° 02' 30.90"	0.4	3,710.7		TRIM/REMOVE	
150175	HORIZONTAL	TREE	N34° 43' 03.81"	W112° 02' 31.22"	1.7	3,712.0		TRIM/REMOVE	
150215	HORIZONTAL	TREE	N34° 43' 01.30"	W112° 02' 28.19"	1.9	3,712.2		TRIM/REMOVE	
150223	HORIZONTAL	TREE	N34° 43' 00.74"	W112° 02' 29.00"	4.2	3,714.5		TRIM/REMOVE	
150271	HORIZONTAL	TREE	N34° 42' 59.03"	W112° 02' 26.97"	5.3	3,715.6		TRIM/REMOVE	
150279	HORIZONTAL	TREE	N34° 42' 56.98"	W112° 02' 26.69"	12.9	3,723.2		TRIM/REMOVE	
150287	HORIZONTAL	TREE	N34° 42' 55.46"	W112° 02' 25.56"	7.7	3,718.0		TRIM/REMOVE	
150295	HORIZONTAL	TREE	N34° 42' 54.56"	W112° 02' 29.59"	30.1	3,740.4		TRIM/REMOVE	
150303	HORIZONTAL	TREE	N34° 42' 54.43"	W112° 02' 28.44"	22.4	3,732.7		TRIM/REMOVE	
150311	HORIZONTAL	TREE	N34° 42' 56.07"	W112° 02' 31.92"	29.5	3,739.8		TRIM/REMOVE	
150319	HORIZONTAL	TREE	N34° 42' 57.23"	W112° 02' 31.90"	27.0	3,737.3		TRIM/REMOVE	
150327	HORIZONTAL	TREE	N34° 42' 59.46"	W112° 02' 34.69"	25.4	3,735.7		TRIM/REMOVE	
150335	HORIZONTAL	TREE	N34° 43' 01.99"	W112° 02' 34.16"	16.2	3,726.5		TRIM/REMOVE	
150343	HORIZONTAL	TREE	N34° 43' 01.06"	W112° 02' 35.00"	20.4	3,730.7		TRIM/REMOVE	
150351	HORIZONTAL	TREE	N34° 43' 03.42"	W112° 02' 38.48"	21.7	3,732.0		TRIM/REMOVE	
150359	HORIZONTAL	TREE	N34° 43' 04.09"	W112° 02' 39.50"	21.1	3,731.4		TRIM/REMOVE	
150367	HORIZONTAL	TREE	N34° 43' 05.09"	W112° 02' 39.89"	18.2	3,728.5		TRIM/REMOVE	
150375	HORIZONTAL	TREE	N34° 43' 06.04"	W112° 02' 36.70"	15.2	3,725.5		TRIM/REMOVE	
150383	HORIZONTAL	TREE	N34° 43' 06.92"	W112° 02' 36.80"	14.9	3,725.2		TRIM/REMOVE	
150391	HORIZONTAL	TREE	N34° 43' 07.54"	W112° 02' 35.02"	0.1	3,710.4		TRIM/REMOVE	
150415	HORIZONTAL	TREE	N34° 43' 06.32"	W112° 02' 34.22"	0.9	3,711.2		TRIM/REMOVE	
150423	HORIZONTAL	TREE	N34° 43' 05.47"	W112° 02' 35.90"	7.4	3,717.7		TRIM/REMOVE	
150439	HORIZONTAL	TREE	N34° 43' 04.23"	W112° 02' 36.20"	18.9	3,729.2		TRIM/REMOVE	
150447	HORIZONTAL	TREE	N34° 43' 04.10"	W112° 02' 37.26"	17.5	3,727.8		TRIM/REMOVE	
150455	HORIZONTAL	TREE	N34° 43' 05.30"	W112° 02' 37.45"	16.7	3,727.0		TRIM/REMOVE	
150463	HORIZONTAL	TREE	N34° 43' 06.93"	W112° 02' 35.77"	1.7	3,712.0		TRIM/REMOVE	
150471	HORIZONTAL	TREE	N34° 43' 06.06"	W112° 02' 35.01"	0.5	3,710.8		TRIM/REMOVE	
150479	HORIZONTAL	TREE	N34° 43' 05.32"	W112° 02' 33.28"	0.5	3,710.8		TRIM/REMOVE	
150503	HORIZONTAL	TREE	N34° 43' 04.25"	W112° 02' 34.14"	3.5	3,713.8		TRIM/REMOVE	
150511	HORIZONTAL	TREE	N34° 43' 02.89"	W112° 02' 34.09"	14.9	3,725.2		TRIM/REMOVE	
150519	HORIZONTAL	TREE	N34° 43' 02.68"	W112° 02' 32.60"	9.0	3,719.3		TRIM/REMOVE	
150527	HORIZONTAL	TREE	N34° 43' 02.35"	W112° 02' 31.62"	5.8	3,716.1		TRIM/REMOVE	
150535	HORIZONTAL	TREE	N34° 43' 00.56"	W112° 02' 34.10"	22.0	3,732.3		TRIM/REMOVE	
150543	HORIZONTAL	TREE	N34° 43' 00.50"	W112° 02' 32.79"	24.0	3,734.3		TRIM/REMOVE	
150551	HORIZONTAL	TREE	N34° 42' 57.19"	W112° 02' 34.99"	35.8				

PART 77 SURFACE PENETRATIONS									
POINT ID	SURFACE	DESCRIPTION	LATITUDE	LONGITUDE	OBSTRUCTION PEN VALUE	OBSTRUCTION ELEVATION (MSL)	OBSTRUCTION ELEVATION (AGL)	PROPOSED DISPOSITION	
HORIZONTAL SURFACE PENETRATION GROUP (CONT.)									
153075	HORIZONTAL	TREE	N34° 43' 32.40"	W112° 03' 01.74"	5.5	3,715.8		TRIM/REMOVE	
153083	HORIZONTAL	TREE	N34° 43' 31.68"	W112° 03' 00.75"	7.4	3,717.7		TRIM/REMOVE	
153091	HORIZONTAL	TREE	N34° 43' 30.83"	W112° 02' 59.51"	11.4	3,721.7		TRIM/REMOVE	
153099	HORIZONTAL	TREE	N34° 43' 30.73"	W112° 02' 58.03"	6.6	3,716.9		TRIM/REMOVE	
153107	HORIZONTAL	TREE	N34° 43' 30.37"	W112° 02' 56.33"	5.0	3,715.3		TRIM/REMOVE	
153115	HORIZONTAL	TREE	N34° 43' 30.40"	W112° 02' 55.21"	3.8	3,714.2		TRIM/REMOVE	
153139	HORIZONTAL	TREE	N34° 43' 38.89"	W112° 03' 05.22"	28.0	3,738.3		TRIM/REMOVE	
153651	HORIZONTAL	TREE	N34° 43' 57.75"	W112° 03' 13.10"	6.9	3,717.2		TRIM/REMOVE	
153739	HORIZONTAL	TREE	N34° 43' 29.09"	W112° 02' 57.91"	14.0	3,724.3		TRIM/REMOVE	
153883	HORIZONTAL	TREE	N34° 44' 17.26"	W112° 03' 15.50"	12.9	3,723.2		TRIM/REMOVE	
153899	HORIZONTAL	TREE	N34° 44' 17.38"	W112° 03' 16.66"	5.8	3,716.1		TRIM/REMOVE	
153907	HORIZONTAL	TREE	N34° 44' 19.02"	W112° 03' 16.60"	0.6	3,710.9		TRIM/REMOVE	
154283	HORIZONTAL	TREE	N34° 44' 23.12"	W112° 03' 13.58"	4.3	3,714.6		TRIM/REMOVE	
171684	HORIZONTAL	TREE	N34° 42' 52.09"	W112° 02' 36.63"	59.3	3,769.6		TRIM/REMOVE	
171692	HORIZONTAL	TREE	N34° 42' 52.03"	W112° 02' 34.67"	52.1	3,762.4		TRIM/REMOVE	
171700	HORIZONTAL	TREE	N34° 42' 50.37"	W112° 02' 30.95"	45.4	3,755.7		TRIM/REMOVE	
171708	HORIZONTAL	TREE	N34° 42' 51.19"	W112° 02' 29.78"	38.5	3,748.8		TRIM/REMOVE	
171716	HORIZONTAL	TREE	N34° 42' 50.18"	W112° 02' 25.43"	27.9	3,738.2		TRIM/REMOVE	
171724	HORIZONTAL	TREE	N34° 42' 51.60"	W112° 02' 25.90"	23.3	3,733.6		TRIM/REMOVE	
171732	HORIZONTAL	TREE	N34° 42' 56.49"	W112° 02' 25.59"	9.4	3,719.7		TRIM/REMOVE	
171740	HORIZONTAL	TREE	N34° 42' 59.25"	W112° 02' 32.17"	19.3	3,729.6		TRIM/REMOVE	
171744	HORIZONTAL	TREE	N34° 42' 58.87"	W112° 02' 31.15"	17.7	3,728.0		TRIM/REMOVE	
171764	HORIZONTAL	TREE	N34° 42' 58.18"	W112° 02' 34.45"	30.7	3,741.0		TRIM/REMOVE	
171772	HORIZONTAL	TREE	N34° 42' 59.70"	W112° 02' 36.56"	31.9	3,742.2		TRIM/REMOVE	
171780	HORIZONTAL	TREE	N34° 42' 02.81"	W112° 02' 38.07"	25.1	3,735.4		TRIM/REMOVE	
171900	HORIZONTAL	TREE	N34° 43' 03.26"	W112° 02' 42.85"	33.3	3,743.6		TRIM/REMOVE	
171908	HORIZONTAL	TREE	N34° 43' 04.53"	W112° 02' 41.09"	29.3	3,739.6		TRIM/REMOVE	
171916	HORIZONTAL	TREE	N34° 43' 00.97"	W112° 02' 37.48"	29.0	3,739.3		TRIM/REMOVE	
171924	HORIZONTAL	TREE	N34° 43' 01.67"	W112° 02' 35.45"	18.2	3,728.5		TRIM/REMOVE	
171932	HORIZONTAL	TREE	N34° 42' 59.03"	W112° 02' 33.36"	22.7	3,733.0		TRIM/REMOVE	
171940	HORIZONTAL	TREE	N34° 43' 02.44"	W112° 02' 35.83"	18.0	3,728.3		TRIM/REMOVE	
171948	HORIZONTAL	TREE	N34° 43' 04.28"	W112° 02' 38.58"	23.8	3,734.1		TRIM/REMOVE	
171955	HORIZONTAL	TREE	N34° 43' 05.59"	W112° 02' 42.56"	28.6	3,738.9		TRIM/REMOVE	
171964	HORIZONTAL	TREE	N34° 43' 04.73"	W112° 02' 44.39"	35.4	3,745.7		TRIM/REMOVE	
171980	HORIZONTAL	TREE	N34° 43' 06.68"	W112° 02' 48.56"	43.6	3,753.9		TRIM/REMOVE	
171988	HORIZONTAL	TREE	N34° 43' 05.67"	W112° 02' 48.68"	52.7	3,763.0		TRIM/REMOVE	
171996	HORIZONTAL	TREE	N34° 43' 06.89"	W112° 02' 46.96"	32.2	3,742.5		TRIM/REMOVE	
172004	HORIZONTAL	TREE	N34° 43' 07.06"	W112° 02' 45.78"	29.1	3,739.4		TRIM/REMOVE	
172012	HORIZONTAL	TREE	N34° 43' 07.13"	W112° 02' 44.49"	28.8	3,739.1		TRIM/REMOVE	
172020	HORIZONTAL	TREE	N34° 43' 07.12"	W112° 02' 43.52"	27.1	3,737.4		TRIM/REMOVE	
172028	HORIZONTAL	TREE	N34° 43' 09.10"	W112° 02' 46.80"	66.5	3,776.8		TRIM/REMOVE	
172036	HORIZONTAL	TREE	N34° 43' 08.90"	W112° 02' 48.52"	67.3	3,777.6		TRIM/REMOVE	
172756	HORIZONTAL	TREE	N34° 42' 50.51"	W112° 02' 33.73"	54.1	3,764.4		TRIM/REMOVE	
172764	HORIZONTAL	TREE	N34° 42' 52.17"	W112° 02' 32.16"	44.4	3,754.7		TRIM/REMOVE	
172772	HORIZONTAL	TREE	N34° 42' 53.52"	W112° 02' 31.26"	36.3	3,746.6		TRIM/REMOVE	
172780	HORIZONTAL	TREE	N34° 42' 55.01"	W112° 02' 32.34"	36.0	3,746.3		TRIM/REMOVE	
172788	HORIZONTAL	TREE	N34° 42' 54.65"	W112° 02' 34.35"	47.0	3,757.3		TRIM/REMOVE	
172796	HORIZONTAL	TREE	N34° 42' 53.47"	W112° 02' 38.32"	60.5	3,770.8		TRIM/REMOVE	
172804	HORIZONTAL	TREE	N34° 42' 52.65"	W112° 02' 38.28"	58.5	3,768.8		TRIM/REMOVE	
172812	HORIZONTAL	TREE	N34° 42' 54.75"	W112° 02' 38.48"	53.3	3,763.7		TRIM/REMOVE	
172820	HORIZONTAL	TREE	N34° 42' 54.49"	W112° 02' 30.68"	32.9	3,743.2		TRIM/REMOVE	
172828	HORIZONTAL	TREE	N34° 42' 53.44"	W112° 02' 30.25"	33.5	3,743.9		TRIM/REMOVE	
172836	HORIZONTAL	TREE	N34° 42' 59.62"	W112° 02' 28.46"	13.9	3,724.2		TRIM/REMOVE	
172844	HORIZONTAL	TREE	N34° 43' 03.34"	W112° 02' 33.34"	6.0	3,716.3		TRIM/REMOVE	
172852	HORIZONTAL	TREE	N34° 43' 01.84"	W112° 02' 29.53"	32.4	3,742.7		TRIM/REMOVE	
172860	HORIZONTAL	TREE	N34° 43' 02.95"	W112° 02' 41.87"	32.7	3,743.0		TRIM/REMOVE	
174164	HORIZONTAL	SCRUB	N34° 42' 59.63"	W112° 02' 44.16"	47.9	3,758.2		TRIM/REMOVE	
174172	HORIZONTAL	SCRUB	N34° 42' 58.91"	W112° 02' 41.20"	44.8	3,755.1		TRIM/REMOVE	
174180	HORIZONTAL	SCRUB	N34° 42' 56.82"	W112° 02' 40.46"	51.5	3,761.8		TRIM/REMOVE	
174188	HORIZONTAL	SCRUB	N34° 42' 56.15"	W112° 02' 41.65"	57.2	3,767.5		TRIM/REMOVE	
174196	HORIZONTAL	SCRUB	N34° 42' 54.76"	W112° 02' 40.99"	59.4	3,769.7		TRIM/REMOVE	
174204	HORIZONTAL	SCRUB	N34° 42' 54.05"	W112° 02' 39.91"	55.8	3,766.1		TRIM/REMOVE	
174284	HORIZONTAL	SCRUB	N34° 42' 55.50"	W112° 02' 38.24"	46.9	3,757.2		TRIM/REMOVE	
174292	HORIZONTAL	SCRUB	N34° 42' 57.59"	W112° 02' 38.09"	41.6	3,751.9		TRIM/REMOVE	
174300	HORIZONTAL	SCRUB	N34° 42' 57.77"	W112° 02' 36.81"	34.9	3,745.2		TRIM/REMOVE	
174308	HORIZONTAL	SCRUB	N34° 42' 58.69"	W112° 02' 36.95"	33.7	3,744.0		TRIM/REMOVE	
174316	HORIZONTAL	SCRUB	N34° 42' 59.84"	W112° 02' 35.73"	22.5	3,732.8		TRIM/REMOVE	
174324	HORIZONTAL	SCRUB	N34° 43' 00.60"	W112° 02' 36.52"	23.9	3,734.2		TRIM/REMOVE	
174332	HORIZONTAL	SCRUB	N34° 43' 01.09"	W112° 02' 38.42"	27.2	3,737.5		TRIM/REMOVE	
174340	HORIZONTAL	SCRUB	N34° 42' 59.36"						

PART 77 SURFACE PENETRATIONS									
POINT ID	SURFACE	DESCRIPTION	LATITUDE	LONGITUDE	OBSTRUCTION PEN VALUE	OBSTRUCTION ELEVATION (MSL)	OBSTRUCTION ELEVATION (AGL)	PROPOSED DISPOSITION	CONICAL SURFACE PENETRATION GROUP (CONT.)
20008	CONICAL	TREE	N34° 42' 03.77"	W112° 02' 38.81"	36.1	3,946.4		TRIMREMOVE	
20016	CONICAL	TREE	N34° 42' 05.21"	W112° 02' 39.74"	102.6	4,013.1		TRIMREMOVE	
20144	CONICAL	GROUND	N34° 42' 09.67"	W112° 02' 52.40"	173.5	4,083.8		PROVIDE OL	
20208	CONICAL	GROUND	N34° 42' 09.22"	W112° 02' 42.10"	142.1	4,052.4		PROVIDE OL	
20216	CONICAL	GROUND	N34° 42' 10.85"	W112° 02' 42.87"	141.7	4,052.0		PROVIDE OL	
20264	CONICAL	GROUND	N34° 42' 12.77"	W112° 02' 43.66"	134.1	4,044.4		PROVIDE OL	
20432	CONICAL	GROUND	N34° 42' 20.15"	W112° 02' 58.51"	82.3	3,992.6		PROVIDE OL	
20440	CONICAL	GROUND	N34° 42' 18.45"	W112° 02' 57.52"	82.0	3,992.4		PROVIDE OL	
20488	CONICAL	GROUND	N34° 42' 15.72"	W112° 02' 53.35"	59.7	3,970.0		PROVIDE OL	
20512	CONICAL	GROUND	N34° 42' 21.06"	W112° 02' 56.25"	70.4	3,980.7		PROVIDE OL	
20544	CONICAL	GROUND	N34° 42' 24.31"	W112° 02' 47.53"	22.4	3,932.7		PROVIDE OL	
20632	CONICAL	GROUND	N34° 42' 24.17"	W112° 02' 42.21"	4.6	3,914.9		PROVIDE OL	
20968	CONICAL	TREE	N34° 42' 19.47"	W112° 02' 29.60"	1.9	3,912.2		TRIMREMOVE	
21000	CONICAL	TREE	N34° 42' 11.65"	W112° 02' 28.50"	18.7	3,929.0		TRIMREMOVE	
21016	CONICAL	TREE	N34° 42' 15.02"	W112° 02' 32.67"	58.3	3,966.8		TRIMREMOVE	
21024	CONICAL	TREE	N34° 42' 15.80"	W112° 02' 30.19"	9.1	3,919.4		TRIMREMOVE	
21032	CONICAL	TREE	N34° 42' 18.30"	W112° 02' 31.47"	42.3	3,952.6		TRIMREMOVE	
21040	CONICAL	TREE	N34° 42' 18.26"	W112° 02' 33.68"	56.8	3,967.1		TRIMREMOVE	
21048	CONICAL	TREE	N34° 42' 17.67"	W112° 02' 35.65"	80.8	3,991.1		TRIMREMOVE	
21056	CONICAL	TREE	N34° 42' 16.65"	W112° 02' 37.68"	94.8	4,005.1		TRIMREMOVE	
21064	CONICAL	TREE	N34° 42' 14.29"	W112° 02' 36.52"	111.8	4,022.1		TRIMREMOVE	
21072	CONICAL	TREE	N34° 42' 15.52"	W112° 02' 34.66"	93.9	4,004.2		TRIMREMOVE	
21080	CONICAL	TREE	N34° 42' 11.25"	W112° 02' 35.17"	80.6	3,990.9		TRIMREMOVE	
21088	CONICAL	TREE	N34° 42' 12.70"	W112° 02' 33.68"	46.8	3,957.1		TRIMREMOVE	
21096	CONICAL	TREE	N34° 42' 12.22"	W112° 02' 31.53"	1.7	3,912.0		TRIMREMOVE	
21104	CONICAL	TREE	N34° 42' 16.86"	W112° 02' 31.55"	45.1	3,955.5		TRIMREMOVE	
21344	CONICAL	TREE	N34° 42' 20.00"	W112° 02' 35.20"	3.1	3,913.4		TRIMREMOVE	
21352	CONICAL	TREE	N34° 42' 19.26"	W112° 02' 37.31"	25.5	3,935.8		TRIMREMOVE	
21360	CONICAL	TREE	N34° 42' 16.21"	W112° 02' 40.13"	97.8	4,008.1		TRIMREMOVE	
21368	CONICAL	TREE	N34° 42' 14.34"	W112° 02' 39.47"	124.3	4,034.6		TRIMREMOVE	
21376	CONICAL	TREE	N34° 42' 12.07"	W112° 02' 37.83"	127.8	4,038.1		TRIMREMOVE	
21384	CONICAL	TREE	N34° 42' 09.69"	W112° 02' 36.59"	120.2	4,030.5		TRIMREMOVE	
21392	CONICAL	TREE	N34° 42' 04.42"	W112° 02' 34.41"	70.4	3,980.7		TRIMREMOVE	
21400	CONICAL	TREE	N34° 42' 09.44"	W112° 02' 30.60"	1.7	3,912.0		TRIMREMOVE	
21408	CONICAL	TREE	N34° 42' 08.23"	W112° 02' 38.31"	130.8	4,041.1		TRIMREMOVE	
21416	CONICAL	TREE	N34° 42' 11.77"	W112° 02' 40.43"	139.5	4,049.8		TRIMREMOVE	
21424	CONICAL	TREE	N34° 42' 15.30"	W112° 02' 42.57"	115.3	4,025.6		TRIMREMOVE	
21432	CONICAL	TREE	N34° 42' 13.78"	W112° 02' 41.12"	133.3	4,043.6		TRIMREMOVE	
21440	CONICAL	TREE	N34° 42' 14.50"	W112° 02' 44.64"	117.5	4,027.8		TRIMREMOVE	
21448	CONICAL	TREE	N34° 42' 13.44"	W112° 02' 47.97"	118.5	4,028.8		TRIMREMOVE	
21464	CONICAL	TREE	N34° 42' 17.80"	W112° 02' 51.44"	67.5	3,977.8		TRIMREMOVE	
21472	CONICAL	TREE	N34° 42' 16.11"	W112° 02' 47.97"	53.3	3,963.7		TRIMREMOVE	
21480	CONICAL	TREE	N34° 42' 16.22"	W112° 02' 45.00"	66.5	3,976.8		TRIMREMOVE	
21616	CONICAL	TREE	N34° 42' 10.96"	W112° 02' 54.76"	151.4	4,061.7		TRIMREMOVE	
21624	CONICAL	TREE	N34° 42' 12.19"	W112° 02' 56.89"	126.2	4,036.5		TRIMREMOVE	
21632	CONICAL	TREE	N34° 42' 14.57"	W112° 02' 55.62"	83.0	3,993.3		TRIMREMOVE	
21704	CONICAL	TREE	N34° 42' 20.69"	W112° 03' 09.28"	97.0	4,007.3		TRIMREMOVE	
21712	CONICAL	TREE	N34° 42' 23.42"	W112° 03' 08.92"	91.9	4,002.2		TRIMREMOVE	
21720	CONICAL	TREE	N34° 42' 21.54"	W112° 03' 06.62"	85.3	3,995.6		TRIMREMOVE	
21728	CONICAL	TREE	N34° 42' 19.53"	W112° 03' 04.68"	106.6	4,016.9		TRIMREMOVE	
21736	CONICAL	TREE	N34° 42' 21.32"	W112° 03' 01.05"	90.6	4,000.9		TRIMREMOVE	
21744	CONICAL	TREE	N34° 42' 23.79"	W112° 03' 02.49"	63.4	3,973.7		TRIMREMOVE	
21752	CONICAL	TREE	N34° 42' 24.79"	W112° 03' 04.13"	61.1	3,971.4		TRIMREMOVE	
21760	CONICAL	TREE	N34° 42' 23.66"	W112° 03' 05.18"	72.8	3,983.1		TRIMREMOVE	
21768	CONICAL	TREE	N34° 42' 21.89"	W112° 03' 03.16"	67.0	3,977.3		TRIMREMOVE	
21776	CONICAL	TREE	N34° 42' 26.09"	W112° 03' 01.21"	44.6	3,954.9		TRIMREMOVE	
21784	CONICAL	TREE	N34° 42' 23.95"	W112° 02' 59.83"	43.6	3,953.9		TRIMREMOVE	
21792	CONICAL	TREE	N34° 42' 23.30"	W112° 02' 57.08"	61.1	3,971.4		TRIMREMOVE	
21800	CONICAL	TREE	N34° 42' 25.65"	W112° 02' 58.69"	37.0	3,947.3		TRIMREMOVE	
21808	CONICAL	TREE	N34° 42' 27.40"	W112° 03' 00.59"	49.9	3,960.2		TRIMREMOVE	
21816	CONICAL	TREE	N34° 42' 29.53"	W112° 02' 57.55"	16.4	3,926.7		TRIMREMOVE	
21824	CONICAL	TREE	N34° 42' 27.54"	W112° 02' 56.97"	17.4	3,927.7		TRIMREMOVE	
21840	CONICAL	TREE	N34° 42' 25.24"	W112° 02' 55.95"	24.0	3,934.3		TRIMREMOVE	
21848	CONICAL	TREE	N34° 42' 24.56"	W112° 02' 53.25"	37.0	3,947.3		TRIMREMOVE	
21856	CONICAL	TREE	N34° 42' 26.46"	W112° 02' 52.77"	3.2	3,913.5		TRIMREMOVE	
21864	CONICAL	TREE	N34° 42' 29.15"	W112° 02' 55.59"	14.9	3,925.2		TRIMREMOVE	
21904	CONICAL	TREE	N34° 42' 26.22"	W112° 02' 44.97"	14.1	3,924.4		TRIMREMOVE	
22448	CONICAL	GROUND	N34° 42' 59.88"	W112° 03' 35.61"	107.3	4,017.6		PROVIDE OL	
22456	CONICAL	GROUND	N34° 42' 58.98"	W112° 03' 37.74"	111.0	4,021.3		PROVIDE OL	
22472	CONICAL	TREE	N34° 43' 01.44"	W112° 03' 32.46"	81.4	3,991.7		TRIMREMOVE	
22488	CONICAL	TREE	N34° 43' 06.20"	W112° 03' 26.07"	21				

PART 77 SURFACE PENETRATIONS									
POINT ID	SURFACE	DESCRIPTION	LATITUDE	LONGITUDE	OBSTRUCTION PEN VALUE	OBSTRUCTION ELEVATION (MSL)	OBSTRUCTION ELEVATION (AGL)	PROPOSED DISPOSITION	CONICAL SURFACE PENETRATION GROUP (CONT.)
27832	CONICAL	TREE	N34° 42' 34.43"	W112° 03' 11.50"	64.4	3,974.7		TRIMREMOVE	
27840	CONICAL	TREE	N34° 42' 32.33"	W112° 03' 13.26"	78.5	3,988.8		TRIMREMOVE	
27848	CONICAL	TREE	N34° 42' 31.28"	W112° 03' 15.47"	100.9	4,011.2		TRIMREMOVE	
27856	CONICAL	TREE	N34° 42' 30.70"	W112° 03' 17.08"	116.5	4,026.8		TRIMREMOVE	
27936	CONICAL	TREE	N34° 42' 48.10"	W112° 03' 28.87"	76.7	3,987.0		TRIMREMOVE	
27944	CONICAL	TREE	N34° 42' 46.16"	W112° 03' 28.16"	96.8	4,007.1		TRIMREMOVE	
27952	CONICAL	TREE	N34° 42' 44.13"	W112° 03' 27.18"	127.3	4,037.6		TRIMREMOVE	
27960	CONICAL	TREE	N34° 42' 41.95"	W112° 03' 25.41"	127.9	4,038.2		TRIMREMOVE	
27968	CONICAL	TREE	N34° 42' 39.67"	W112° 03' 24.40"	134.7	4,045.0		TRIMREMOVE	
27976	CONICAL	TREE	N34° 42' 36.92"	W112° 03' 23.47"	145.4	4,055.7		TRIMREMOVE	
27984	CONICAL	TREE	N34° 42' 38.46"	W112° 03' 21.68"	126.1	4,036.4		TRIMREMOVE	
27992	CONICAL	TREE	N34° 42' 41.35"	W112° 03' 22.92"	115.8	4,026.1		TRIMREMOVE	
28000	CONICAL	TREE	N34° 42' 43.27"	W112° 03' 24.16"	109.3	4,019.6		TRIMREMOVE	
28008	CONICAL	TREE	N34° 42' 44.79"	W112° 03' 24.88"	105.8	4,016.1		TRIMREMOVE	
28016	CONICAL	GROUND	N34° 42' 46.79"	W112° 03' 26.02"	77.5	3,987.8		PROVIDE OL	
28024	CONICAL	GROUND	N34° 42' 48.59"	W112° 03' 27.07"	55.4	3,965.7		PROVIDE OL	
28032	CONICAL	TREE	N34° 42' 49.47"	W112° 03' 24.97"	56.6	3,966.9		TRIMREMOVE	
28040	CONICAL	TREE	N34° 42' 47.41"	W112° 03' 23.96"	77.5	3,987.8		TRIMREMOVE	
28048	CONICAL	TREE	N34° 42' 45.57"	W112° 03' 22.90"	87.6	3,997.9		TRIMREMOVE	
28056	CONICAL	TREE	N34° 42' 44.06"	W112° 03' 21.35"	95.8	4,006.1		TRIMREMOVE	
28064	CONICAL	TREE	N34° 42' 41.47"	W112° 03' 20.05"	106.8	4,017.1		TRIMREMOVE	
28072	CONICAL	TREE	N34° 42' 39.21"	W112° 03' 19.04"	108.9	4,019.2		TRIMREMOVE	
28080	CONICAL	TREE	N34° 42' 40.26"	W112° 03' 20.81"	111.5	4,021.8		TRIMREMOVE	
28088	CONICAL	TREE	N34° 42' 51.90"	W112° 03' 23.91"	27.7	3,938.0		TRIMREMOVE	
28096	CONICAL	TREE	N34° 42' 49.46"	W112° 03' 22.08"	49.2	3,959.5		TRIMREMOVE	
28104	CONICAL	TREE	N34° 42' 46.54"	W112° 03' 20.37"	71.2	3,981.5		TRIMREMOVE	
28112	CONICAL	TREE	N34° 42' 44.97"	W112° 03' 19.88"	81.2	3,991.5		TRIMREMOVE	
28120	CONICAL	TREE	N34° 42' 40.46"	W112° 03' 15.06"	71.0	3,981.3		TRIMREMOVE	
28128	CONICAL	TREE	N34° 42' 42.62"	W112° 03' 16.01"	74.2	3,984.5		TRIMREMOVE	
28136	CONICAL	TREE	N34° 42' 48.59"	W112° 03' 17.96"	49.4	3,959.7		TRIMREMOVE	
28144	CONICAL	TREE	N34° 42' 50.96"	W112° 03' 17.07"	27.3	3,937.6		TRIMREMOVE	
28152	CONICAL	TREE	N34° 42' 53.49"	W112° 03' 20.84"	22.4	3,932.7		TRIMREMOVE	
28160	CONICAL	TREE	N34° 42' 54.90"	W112° 03' 19.75"	4.1	3,914.4		TRIMREMOVE	
28224	CONICAL	TREE	N34° 42' 51.55"	W112° 03' 19.60"	26.7	3,937.0		TRIMREMOVE	
28232	CONICAL	TREE	N34° 42' 48.54"	W112° 03' 20.16"	54.6	3,964.9		TRIMREMOVE	
28240	CONICAL	TREE	N34° 42' 52.41"	W112° 03' 22.46"	24.0	3,934.3		TRIMREMOVE	
28248	CONICAL	TREE	N34° 42' 53.23"	W112° 03' 18.79"	16.8	3,927.1		TRIMREMOVE	
28272	CONICAL	TREE	N34° 42' 51.33"	W112° 03' 14.68"	9.5	3,919.8		TRIMREMOVE	
28280	CONICAL	TREE	N34° 42' 49.25"	W112° 03' 15.16"	25.4	3,935.7		TRIMREMOVE	
28288	CONICAL	TREE	N34° 42' 45.59"	W112° 03' 13.60"	32.4	3,942.7		TRIMREMOVE	
28296	CONICAL	TREE	N34° 42' 46.87"	W112° 03' 16.14"	42.0	3,952.3		TRIMREMOVE	
28304	CONICAL	TREE	N34° 42' 44.67"	W112° 03' 17.21"	60.3	3,970.6		TRIMREMOVE	
28312	CONICAL	TREE	N34° 42' 47.74"	W112° 03' 18.47"	54.1	3,964.4		TRIMREMOVE	
28320	CONICAL	TREE	N34° 42' 41.49"	W112° 03' 17.12"	74.2	3,984.5		TRIMREMOVE	
28328	CONICAL	TREE	N34° 42' 38.35"	W112° 03' 17.01"	93.7	4,004.0		TRIMREMOVE	
28336	CONICAL	TREE	N34° 42' 37.94"	W112° 03' 13.21"	68.9	3,979.2		TRIMREMOVE	
28344	CONICAL	TREE	N34° 42' 42.99"	W112° 03' 13.25"	47.0	3,957.3		TRIMREMOVE	
28352	CONICAL	TREE	N34° 42' 40.79"	W112° 03' 12.01"	47.2	3,957.5		TRIMREMOVE	
28368	CONICAL	TREE	N34° 42' 45.69"	W112° 03' 09.36"	10.7	3,921.0		TRIMREMOVE	
28376	CONICAL	TREE	N34° 42' 42.60"	W112° 03' 11.04"	36.3	3,946.6		TRIMREMOVE	
28384	CONICAL	TREE	N34° 42' 42.05"	W112° 03' 08.24"	20.9	3,931.2		TRIMREMOVE	
28392	CONICAL	TREE	N34° 42' 38.36"	W112° 03' 06.54"	20.9	3,931.2		TRIMREMOVE	
28400	CONICAL	TREE	N34° 42' 40.68"	W112° 03' 06.01"	15.0	3,925.3		TRIMREMOVE	
28891	CONICAL	TREE	N34° 42' 27.42"	W112° 03' 15.31"	121.6	4,031.9		TRIMREMOVE	
28907	CONICAL	TREE	N34° 42' 24.99"	W112° 03' 12.20"	95.6	4,005.9		TRIMREMOVE	
28915	CONICAL	TREE	N34° 42' 27.32"	W112° 03' 12.34"	71.4	3,981.7		TRIMREMOVE	
28931	CONICAL	TREE	N34° 42' 27.65"	W112° 03' 10.90"	82.6	3,992.9		TRIMREMOVE	
28939	CONICAL	TREE	N34° 42' 25.35"	W112° 03' 09.58"	81.8	3,992.1		TRIMREMOVE	
28947	CONICAL	TREE	N34° 42' 27.55"	W112° 03' 08.00"	69.3	3,979.6		TRIMREMOVE	
28955	CONICAL	TREE	N34° 42' 29.59"	W112° 03' 08.62"	59.9	3,970.2		TRIMREMOVE	
28971	CONICAL	TREE	N34° 42' 25.75"	W112° 03' 06.71"	68.9	3,979.2		TRIMREMOVE	
28979	CONICAL	TREE	N34° 42' 26.74"	W112° 03' 04.40"	55.2	3,965.5		TRIMREMOVE	
28987	CONICAL	TREE	N34° 42' 28.70"	W112° 03' 06.15"	62.1	3,972.4		TRIMREMOVE	
28995	CONICAL	TREE	N34° 42' 30.58"	W112° 03' 04.44"	44.5	3,954.8		TRIMREMOVE	
29003	CONICAL	TREE	N34° 42' 28.46"	W112° 03' 02.37"	37.7	3,948.0		TRIMREMOVE	
29011	CONICAL	TREE	N34° 42' 29.76"	W112° 03' 00.77"	28.5	3,938.8		TRIMREMOVE	
29019	CONICAL	TREE	N34° 42' 31.86"	W112° 03' 02.26"	24.6	3,934.9		TRIMREMOVE	
29027	CONICAL	TREE	N34° 42' 33.77"	W112° 03' 04.15"	30.2	3,940.5		TRIMREMOVE	
29035	CONICAL	TREE	N34° 42' 36.37"	W112° 03' 04.08"	4.7	3,915.0		TRIMREMOVE	
29043	CONICAL	TREE	N34° 42' 35.93"	W112° 03' 06.35"	10.7	3,921.0		TRIMREMOVE	
29051	CONICAL	TREE	N34° 42' 39.33"	W112° 03' 03.75"	2.1	3,912.			

PART 77 SURFACE PENETRATIONS									
POINT ID	SURFACE	DESCRIPTION	LATITUDE	LONGITUDE	OBSTRUCTION PEN VALUE	OBSTRUCTION ELEVATION (MSL)	OBSTRUCTION ELEVATION (AGL)	PROPOSED DISPOSITION	CONICAL SURFACE PENETRATION GROUP (CONT.)
55092	CONICAL	TREE	N34° 42' 02" 15"	W112° 02' 26.55"	90.1	4,000.4		TRIMREMOVE	
55100	CONICAL	TREE	N34° 41' 59" 10"	W112° 02' 25.68"	56.1	3,966.4		TRIMREMOVE	
55181	CONICAL	TREE	N34° 42' 31.12"	W112° 02' 55.76"	5.9	3,916.2		TRIMREMOVE	
55189	CONICAL	TREE	N34° 42' 28.05"	W112° 02' 54.13"	10.4	3,920.7		TRIMREMOVE	
55197	CONICAL	TREE	N34° 42' 26.33"	W112° 02' 55.31"	18.9	3,929.2		TRIMREMOVE	
55205	CONICAL	TREE	N34° 42' 28.35"	W112° 02' 58.88"	24.7	3,935.0		TRIMREMOVE	
55221	CONICAL	TREE	N34° 42' 31.53"	W112° 03' 19.83"	127.0	4,037.3		TRIMREMOVE	
55237	CONICAL	TREE	N34° 42' 34.32"	W112° 03' 19.14"	116.7	4,027.0		TRIMREMOVE	
55245	CONICAL	TREE	N34° 42' 34.58"	W112° 03' 15.82"	95.1	4,005.4		TRIMREMOVE	
55253	CONICAL	TREE	N34° 42' 36.31"	W112° 03' 12.91"	66.6	3,976.9		TRIMREMOVE	
55261	CONICAL	TREE	N34° 42' 36.50"	W112° 03' 10.41"	59.2	3,965.9		TRIMREMOVE	
55269	CONICAL	TREE	N34° 42' 33.84"	W112° 03' 08.67"	52.5	3,962.8		TRIMREMOVE	
55277	CONICAL	TREE	N34° 42' 40.21"	W112° 03' 09.96"	47.9	3,958.2		TRIMREMOVE	
55285	CONICAL	TREE	N34° 42' 42.63"	W112° 03' 06.42"	6.9	3,917.2		TRIMREMOVE	
55293	CONICAL	TREE	N34° 42' 43.81"	W112° 03' 07.96"	6.5	3,916.8		TRIMREMOVE	
55301	CONICAL	TREE	N34° 42' 44.20"	W112° 02' 10.77"	23.2	3,933.5		TRIMREMOVE	
55309	CONICAL	TREE	N34° 42' 46.36"	W112° 03' 10.78"	19.8	3,930.2		TRIMREMOVE	
55317	CONICAL	TREE	N34° 42' 44.90"	W112° 03' 15.76"	56.6	3,966.9		TRIMREMOVE	
55326	CONICAL	TREE	N34° 42' 43.20"	W112° 03' 18.88"	80.2	3,990.5		TRIMREMOVE	
55334	CONICAL	TREE	N34° 42' 47.11"	W112° 03' 22.13"	77.6	3,987.9		TRIMREMOVE	
55342	CONICAL	SCRUB	N34° 42' 47.49"	W112° 03' 13.43"	19.5	3,929.8		TRIMREMOVE	
55350	CONICAL	TREE	N34° 42' 47.83"	W112° 03' 09.83"	8.1	3,918.4		TRIMREMOVE	
55614	CONICAL	TREE	N34° 43' 34.65"	W112° 03' 43.82"	68.1	3,978.4		TRIMREMOVE	
55622	CONICAL	TREE	N34° 43' 34.37"	W112° 03' 47.54"	4.8	3,915.1		TRIMREMOVE	
55630	CONICAL	SCRUB	N34° 43' 35.32"	W112° 03' 50.54"	59.1	3,969.4		TRIMREMOVE	
57076	CONICAL	TREE	N34° 42' 34.94"	W112° 03' 03.26"	26.5	3,936.8		TRIMREMOVE	
57091	CONICAL	TREE	N34° 42' 25.62"	W112° 02' 47.25"	14.8	3,925.1		TRIMREMOVE	
57099	CONICAL	TREE	N34° 42' 25.29"	W112° 02' 50.39"	14.8	3,925.1		TRIMREMOVE	
57186	CONICAL	TREE	N34° 43' 26.05"	W112° 03' 32.56"	12.5	3,922.8		TRIMREMOVE	
57203	CONICAL	SCRUB	N34° 43' 00.80"	W112° 03' 34.27"	84.6	3,994.9		TRIMREMOVE	
57212	CONICAL	TREE	N34° 42' 55.22"	W112° 03' 30.91"	43.6	3,953.9		TRIMREMOVE	
113140	CONICAL	POLE	N34° 44' 08.14"	W112° 04' 03.18"	1.4	3,911.7	33.9	REMOVE/LOWER/PROVIDE OL	
119030	CONICAL	TANK	N34° 44' 09.11"	W112° 04' 04.60"	7.4	3,917.7	35.9	PROVIDE OL	
119054	CONICAL	BUILDING	N34° 44' 13.07"	W112° 04' 06.21"	7.8	3,918.1	19.8	PROVIDE OL	
119062	CONICAL	BUILDING	N34° 44' 20.02"	W112° 04' 03.21"	148.2	4,058.5	31.2	PROVIDE OL	
119070	CONICAL	BUILDING	N34° 44' 21.05"	W112° 04' 04.90"	145.9	4,056.2	20.4	PROVIDE OL	
119078	CONICAL	BUILDING	N34° 44' 21.37"	W112° 04' 05.35"	134.9	4,045.2	10.5	PROVIDE OL	
119278	CONICAL	BUILDING	N34° 43' 59.43"	W112° 04' 02.53"	54.6	3,964.9	21.8	PROVIDE OL	
119286	CONICAL	BUILDING	N34° 44' 00.15"	W112° 04' 03.10"	41.9	3,952.2	8.2	PROVIDE OL	
119294	CONICAL	BUILDING	N34° 43' 59.32"	W112° 04' 01.56"	43.8	3,954.1	19.0	PROVIDE OL	
119302	CONICAL	BUILDING	N34° 43' 59.01"	W112° 04' 00.23"	10.3	3,920.6	7.9	PROVIDE OL	
119310	CONICAL	SOLAR PANELS	N34° 43' 59.32"	W112° 03' 59.99"	9.9	3,920.2	6.8	PROVIDE OL	
119318	CONICAL	SOLAR PANELS	N34° 43' 59.58"	W112° 03' 59.84"	9.9	3,920.2	7.4	PROVIDE OL	
120078	CONICAL	ROAD - PRIVATE	N34° 42' 56.27"	W112° 03' 23.88"	5.2	3,925.5	10.0	DNH	
120086	CONICAL	ROAD - PRIVATE	N34° 42' 54.89"	W112° 03' 24.45"	15.7	3,936.0	10.0	DNH	
120094	CONICAL	ROAD - PRIVATE	N34° 42' 53.67"	W112° 03' 24.94"	31.1	3,951.4	10.0	DNH	
120102	CONICAL	ROAD - PRIVATE	N34° 42' 52.23"	W112° 03' 25.49"	40.1	3,960.4	10.0	DNH	
120110	CONICAL	ROAD - PRIVATE	N34° 42' 51.23"	W112° 03' 26.20"	51.7	3,972.0	10.0	DNH	
120118	CONICAL	ROAD - PRIVATE	N34° 42' 50.65"	W112° 03' 27.30"	58.4	3,978.7	10.0	DNH	
120126	CONICAL	ROAD - PRIVATE	N34° 42' 50.17"	W112° 03' 29.00"	68.1	3,988.4	10.0	DNH	
120134	CONICAL	ROAD - PRIVATE	N34° 42' 49.64"	W112° 03' 30.87"	76.9	3,997.2	10.0	DNH	
120174	CONICAL	ROAD - PRIVATE	N34° 42' 46.74"	W112° 04' 03.94"	111.2	4,031.5	10.0	DNH	
120182	CONICAL	ROAD - PRIVATE	N34° 42' 46.01"	W112° 03' 29.76"	119.6	4,039.9	10.0	DNH	
120190	CONICAL	ROAD - PRIVATE	N34° 42' 44.89"	W112° 03' 28.50"	129.8	4,050.1	10.0	DNH	
120198	CONICAL	ROAD - PRIVATE	N34° 42' 43.83"	W112° 03' 27.42"	140.4	4,060.7	10.0	DNH	
120206	CONICAL	ROAD - PRIVATE	N34° 42' 42.61"	W112° 03' 27.30"	151.4	4,071.7	10.0	DNH	
120670	CONICAL	ROAD - PRIVATE	N34° 43' 59.65"	W112° 04' 05.34"	63.7	3,984.0	10.0	DNH	
120678	CONICAL	ROAD - PRIVATE	N34° 44' 00.26"	W112° 04' 03.81"	43.5	3,963.8	10.0	DNH	
120686	CONICAL	ROAD - PRIVATE	N34° 44' 00.70"	W112° 04' 04.47"	28.2	3,948.5	10.0	DNH	
120694	CONICAL	ROAD - PRIVATE	N34° 44' 01.06"	W112° 04' 01.03"	10.4	3,930.7	10.0	DNH	
121022	CONICAL	ROAD - PUBLIC	N34° 44' 12.07"	W112° 04' 05.09"	0.4	3,925.7	15.0	DNH	
121230	CONICAL	ROAD - PRIVATE	N34° 44' 31.96"	W112° 04' 02.36"	54.8	3,975.1	10.0	DNH	
121238	CONICAL	ROAD - PRIVATE	N34° 44' 32.07"	W112° 04' 01.30"	42.7	3,963.0	10.0	DNH	
121246	CONICAL	ROAD - PRIVATE	N34° 44' 32.93"	W112° 04' 02.67"	37.8	3,958.1	10.0	DNH	
123327	CONICAL	FENCE	N34° 44' 00.06"	W112° 04' 00.17"	10.1	3,920.4	5.0	REMOVE/LOWER/PROVIDE OL	
130571	CONICAL	TREE	N34° 42' 04.62"	W112° 02' 19.96"	11.3	3,921.6		TRIMREMOVE	
130579	CONICAL	TREE	N34° 42' 04.90"	W112° 02' 21.74"	14.3	3,924.6		TRIMREMOVE	
130587	CONICAL	TREE	N34° 42' 03.53"	W112° 02' 19.85"	14.5	3,924.8		TRIMREMOVE	
130595	CONICAL	TREE	N34° 42' 02.73"	W112° 02'					

PART 77 SURFACE PENETRATIONS									
POINT ID	SURFACE	DESCRIPTION	LATITUDE	LONGITUDE	OBSTRUCTION PEN VALUE	OBSTRUCTION ELEVATION (MSL)	OBSTRUCTION ELEVATION (AGL)	PROPOSED DISPOSITION	CONICAL SURFACE PENETRATION GROUP (CONT.)
137251	CONICAL	TREE	N34° 42' 22.04"	W112° 02' 51.32"	57.0	3,967.3		TRIMREMOVE	
137259	CONICAL	TREE	N34° 42' 23.78"	W112° 02' 50.74"	45.2	3,955.5		TRIMREMOVE	
137267	CONICAL	TREE	N34° 42' 24.70"	W112° 02' 51.99"	32.8	3,943.1		TRIMREMOVE	
137275	CONICAL	TREE	N34° 42' 24.16"	W112° 02' 52.53"	45.8	3,956.1		TRIMREMOVE	
137283	CONICAL	TREE	N34° 42' 22.41"	W112° 02' 56.98"	79.8	3,990.1		TRIMREMOVE	
137291	CONICAL	TREE	N34° 42' 21.69"	W112° 02' 57.56"	84.6	3,994.9		TRIMREMOVE	
137299	CONICAL	TREE	N34° 42' 20.48"	W112° 02' 59.56"	99.2	4,009.5		TRIMREMOVE	
137307	CONICAL	TREE	N34° 42' 22.09"	W112° 02' 59.92"	78.0	3,988.3		TRIMREMOVE	
137315	CONICAL	TREE	N34° 42' 19.93"	W112° 03' 03.30"	107.2	4,017.5		TRIMREMOVE	
137323	CONICAL	TREE	N34° 42' 18.25"	W112° 03' 03.90"	119.0	4,029.3		TRIMREMOVE	
137331	CONICAL	TREE	N34° 42' 18.86"	W112° 03' 05.20"	115.1	4,025.4		TRIMREMOVE	
137351	CONICAL	TREE	N34° 42' 28.58"	W112° 03' 17.00"	175.6	4,085.9		TRIMREMOVE	
137851	CONICAL	TREE	N34° 42' 22.34"	W112° 03' 11.15"	107.8	4,018.1		TRIMREMOVE	
137867	CONICAL	TREE	N34° 42' 24.10"	W112° 03' 13.16"	103.4	4,013.7		TRIMREMOVE	
137875	CONICAL	TREE	N34° 42' 25.04"	W112° 03' 13.27"	101.8	4,012.1		TRIMREMOVE	
138035	CONICAL	TREE	N34° 42' 09.51"	W112° 02' 43.54"	159.4	4,069.7		TRIMREMOVE	
138043	CONICAL	TREE	N34° 42' 09.29"	W112° 02' 41.03"	147.9	4,058.2		TRIMREMOVE	
138051	CONICAL	TREE	N34° 42' 09.91"	W112° 02' 38.01"	131.8	4,042.1		TRIMREMOVE	
138059	CONICAL	TREE	N34° 42' 19.87"	W112° 02' 40.70"	5.1	3,915.4		TRIMREMOVE	
138067	CONICAL	TREE	N34° 42' 27.58"	W112° 02' 42.71"	25.1	3,935.4		TRIMREMOVE	
138131	CONICAL	TREE	N34° 42' 29.73"	W112° 02' 41.99"	14.6	3,924.9		TRIMREMOVE	
138365	CONICAL	TREE	N34° 42' 34.55"	W112° 02' 57.33"	6.1	3,916.4		TRIMREMOVE	
138371	CONICAL	TREE	N34° 42' 34.37"	W112° 02' 58.54"	12.2	3,922.5		TRIMREMOVE	
138379	CONICAL	TREE	N34° 42' 34.41"	W112° 02' 59.60"	13.2	3,923.5		TRIMREMOVE	
138387	CONICAL	TREE	N34° 42' 33.53"	W112° 03' 00.35"	17.6	3,927.9		TRIMREMOVE	
138395	CONICAL	TREE	N34° 42' 33.03"	W112° 02' 59.14"	16.5	3,926.8		TRIMREMOVE	
138403	CONICAL	TREE	N34° 42' 32.72"	W112° 02' 58.03"	7.2	3,917.5		TRIMREMOVE	
138411	CONICAL	TREE	N34° 42' 30.70"	W112° 02' 59.64"	25.9	3,936.2		TRIMREMOVE	
138419	CONICAL	TREE	N34° 42' 32.48"	W112° 03' 01.35"	31.1	3,941.4		TRIMREMOVE	
138427	CONICAL	TREE	N34° 42' 33.88"	W112° 03' 01.93"	25.6	3,935.9		TRIMREMOVE	
138435	CONICAL	TREE	N34° 42' 35.70"	W112° 03' 02.31"	14.5	3,924.8		TRIMREMOVE	
138443	CONICAL	TREE	N34° 42' 34.70"	W112° 03' 01.48"	21.0	3,931.3		TRIMREMOVE	
138451	CONICAL	TREE	N34° 42' 35.32"	W112° 03' 00.69"	14.6	3,924.9		TRIMREMOVE	
138459	CONICAL	TREE	N34° 42' 35.89"	W112° 02' 59.90"	7.5	3,917.8		TRIMREMOVE	
138475	CONICAL	TREE	N34° 42' 35.69"	W112° 02' 58.17"	0.1	3,910.4		TRIMREMOVE	
138483	CONICAL	TREE	N34° 42' 35.22"	W112° 02' 57.41"	2.0	3,912.3		TRIMREMOVE	
138515	CONICAL	TREE	N34° 42' 38.15"	W112° 03' 02.46"	8.4	3,918.7		TRIMREMOVE	
138523	CONICAL	TREE	N34° 42' 36.73"	W112° 03' 02.91"	7.3	3,917.6		TRIMREMOVE	
138531	CONICAL	TREE	N34° 42' 33.80"	W112° 02' 56.92"	1.1	3,911.4		TRIMREMOVE	
138539	CONICAL	TREE	N34° 42' 33.00"	W112° 02' 55.84"	4.0	3,914.3		TRIMREMOVE	
138547	CONICAL	TREE	N34° 42' 31.24"	W112° 03' 01.68"	28.3	3,938.6		TRIMREMOVE	
138555	CONICAL	TREE	N34° 42' 30.08"	W112° 03' 02.28"	31.3	3,941.6		TRIMREMOVE	
138563	CONICAL	TREE	N34° 42' 28.20"	W112° 03' 00.43"	35.0	3,945.3		TRIMREMOVE	
138571	CONICAL	TREE	N34° 42' 28.97"	W112° 03' 00.64"	30.7	3,941.0		TRIMREMOVE	
138579	CONICAL	TREE	N34° 42' 27.79"	W112° 03' 04.99"	61.6	3,971.9		TRIMREMOVE	
138587	CONICAL	TREE	N34° 42' 27.96"	W112° 03' 06.28"	64.7	3,975.0		TRIMREMOVE	
138595	CONICAL	TREE	N34° 42' 26.68"	W112° 03' 07.93"	76.1	3,986.4		TRIMREMOVE	
138603	CONICAL	TREE	N34° 42' 25.75"	W112° 03' 05.67"	73.3	3,983.6		TRIMREMOVE	
138611	CONICAL	TREE	N34° 42' 25.57"	W112° 03' 04.48"	59.0	3,969.3		TRIMREMOVE	
138619	CONICAL	TREE	N34° 42' 25.39"	W112° 03' 03.38"	55.2	3,965.5		TRIMREMOVE	
138627	CONICAL	TREE	N34° 42' 27.10"	W112° 03' 03.05"	46.8	3,957.1		TRIMREMOVE	
138635	CONICAL	TREE	N34° 42' 25.45"	W112° 03' 02.21"	50.2	3,960.5		TRIMREMOVE	
138643	CONICAL	TREE	N34° 42' 25.23"	W112° 03' 00.88"	45.9	3,956.2		TRIMREMOVE	
138651	CONICAL	TREE	N34° 42' 27.18"	W112° 03' 01.41"	43.2	3,953.5		TRIMREMOVE	
138659	CONICAL	TREE	N34° 42' 25.75"	W112° 02' 58.90"	32.4	3,942.7		TRIMREMOVE	
138667	CONICAL	TREE	N34° 42' 29.11"	W112° 02' 59.34"	25.7	3,936.0		TRIMREMOVE	
138675	CONICAL	TREE	N34° 42' 30.46"	W112° 02' 58.65"	21.3	3,931.6		TRIMREMOVE	
138683	CONICAL	TREE	N34° 42' 28.24"	W112° 02' 57.60"	18.9	3,929.2		TRIMREMOVE	
138691	CONICAL	TREE	N34° 42' 27.66"	W112° 02' 55.47"	15.0	3,925.3		TRIMREMOVE	
138699	CONICAL	TREE	N34° 42' 29.09"	W112° 02' 54.38"	5.1	3,915.4		TRIMREMOVE	
138707	CONICAL	TREE	N34° 42' 29.63"	W112° 02' 53.10"	1.8	3,912.2		TRIMREMOVE	
138755	CONICAL	TREE	N34° 42' 26.38"	W112° 02' 50.17"	2.7	3,913.0		TRIMREMOVE	
138763	CONICAL	TREE	N34° 42' 24.09"	W112° 02' 57.32"	47.9	3,956.2		TRIMREMOVE	
138771	CONICAL	TREE	N34° 42' 23.21"	W112° 02' 58.59"	58.0	3,968.3		TRIMREMOVE	
138779	CONICAL	TREE	N34° 42' 23.13"	W112° 03' 00.25"	53.7	3,964.0		TRIMREMOVE	
138787	CONICAL	TREE	N34° 42' 23.00"	W112° 03' 01.54"	57.8	3,968.1		TRIMREMOVE	
138795	CONICAL	TREE	N34° 42' 24.18"	W112° 03' 03.14"	56.3	3,966.6		TRIMREMOVE	
138803	CONICAL	TREE	N34° 42' 29.08"	W112° 03' 04.30"	47.0	3,957.3		TRIMREMOVE	
138811	CONICAL	TREE	N34° 42' 30.05"	W112° 03' 07.39"	61.3	3,971.6		TRIMREMOVE	
138819	CONICAL	TREE	N34° 42' 28.96"	W112° 03' 07.98"	64.3	3,974.6		TRIMREMOVE	
138827	CONICAL	TREE</td							

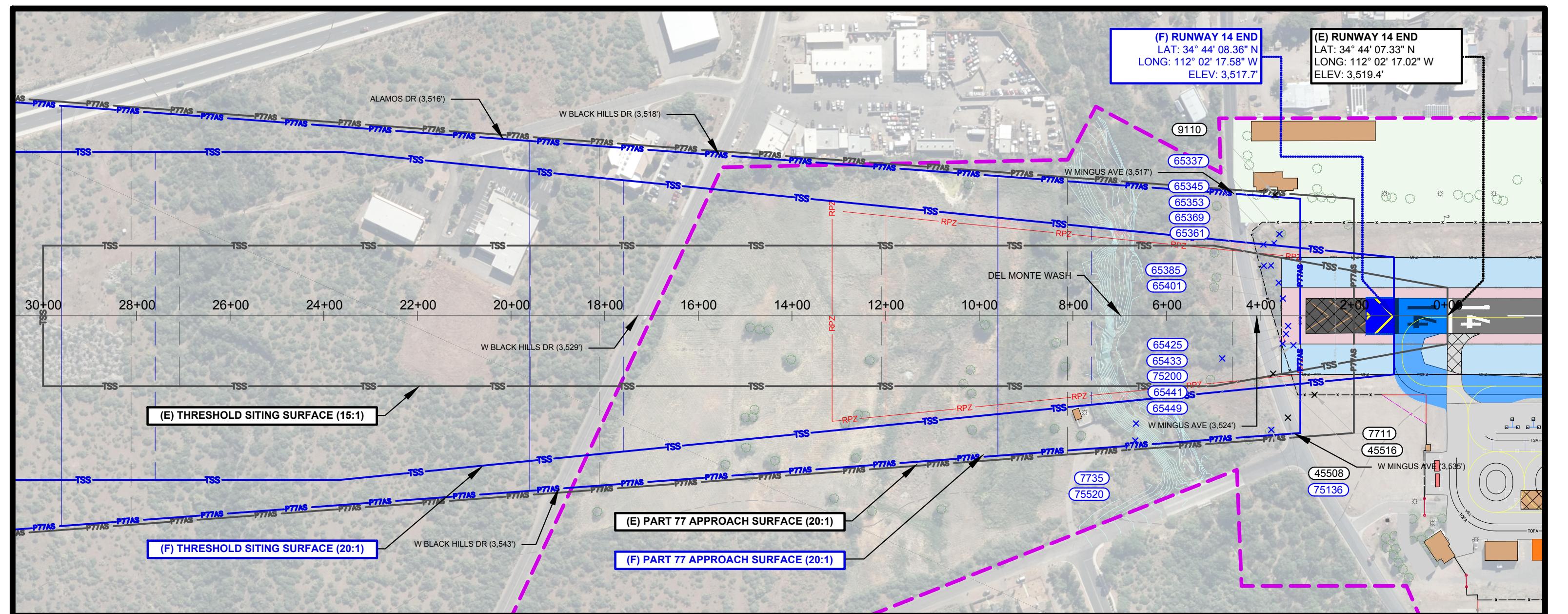
PART 77 SURFACE PENETRATIONS									
POINT ID	SURFACE	DESCRIPTION	LATITUDE	LONGITUDE	OBSTRUCTION PEN VALUE	OBSTRUCTION ELEVATION (MSL)	OBSTRUCTION ELEVATION (AGL)	PROPOSED DISPOSITION	CONICAL SURFACE PENETRATION GROUP (CONT.)
142283	CONICAL	TREE	N34° 42' 39.83"	W112° 03' 22.09"	121.8	4,032.1		TRIMREMOVE	
142251	CONICAL	TREE	N34° 42' 42.23"	W112° 03' 23.10"	118.8	4,029.1		TRIMREMOVE	
142299	CONICAL	TREE	N34° 42' 42.75"	W112° 03' 21.43"	107.4	4,017.7		TRIMREMOVE	
142307	CONICAL	TREE	N34° 42' 43.14"	W112° 03' 20.46"	93.5	4,003.8		TRIMREMOVE	
142315	CONICAL	TREE	N34° 42' 44.74"	W112° 03' 20.79"	90.7	4,001.0		TRIMREMOVE	
142323	CONICAL	TREE	N34° 42' 45.00"	W112° 03' 23.93"	97.1	4,007.4		TRIMREMOVE	
142331	CONICAL	TREE	N34° 42' 43.97"	W112° 03' 25.26"	108.3	4,018.6		TRIMREMOVE	
142339	CONICAL	TREE	N34° 42' 44.89"	W112° 03' 25.53"	109.1	4,019.4		TRIMREMOVE	
142347	CONICAL	TREE	N34° 42' 46.37"	W112° 03' 23.57"	84.6	3,994.9		TRIMREMOVE	
142355	CONICAL	TREE	N34° 42' 47.88"	W112° 03' 22.35"	69.2	3,979.5		TRIMREMOVE	
142363	CONICAL	TREE	N34° 42' 48.92"	W112° 03' 20.83"	56.1	3,966.4		TRIMREMOVE	
142371	CONICAL	TREE	N34° 42' 49.99"	W112° 03' 21.41"	45.0	3,955.3		TRIMREMOVE	
142379	CONICAL	TREE	N34° 42' 49.23"	W112° 03' 23.20"	52.6	3,962.9		TRIMREMOVE	
142387	CONICAL	TREE	N34° 42' 51.63"	W112° 03' 21.76"	30.6	3,940.9		TRIMREMOVE	
142395	CONICAL	TREE	N34° 42' 47.99"	W112° 03' 18.94"	54.9	3,965.2		TRIMREMOVE	
142403	CONICAL	TREE	N34° 42' 44.44"	W112° 03' 18.68"	76.6	3,986.9		TRIMREMOVE	
142411	CONICAL	TREE	N34° 42' 43.88"	W112° 03' 19.71"	83.2	3,993.5		TRIMREMOVE	
142419	CONICAL	TREE	N34° 42' 42.47"	W112° 03' 19.49"	91.3	4,001.6		TRIMREMOVE	
142427	CONICAL	TREE	N34° 42' 41.69"	W112° 03' 18.52"	90.7	4,001.0		TRIMREMOVE	
142435	CONICAL	TREE	N34° 42' 40.78"	W112° 03' 18.69"	93.4	4,003.7		TRIMREMOVE	
142443	CONICAL	TREE	N34° 42' 40.04"	W112° 03' 19.37"	109.5	4,019.8		TRIMREMOVE	
142451	CONICAL	TREE	N34° 42' 38.20"	W112° 03' 19.04"	108.4	4,018.7		TRIMREMOVE	
142459	CONICAL	TREE	N34° 42' 38.46"	W112° 03' 20.40"	117.8	4,028.1		TRIMREMOVE	
142467	CONICAL	TREE	N34° 42' 39.71"	W112° 03' 25.87"	149.1	4,059.4		TRIMREMOVE	
142555	CONICAL	TREE	N34° 42' 33.85"	W112° 03' 21.68"	138.8	4,049.1		TRIMREMOVE	
142563	CONICAL	TREE	N34° 42' 35.95"	W112° 03' 23.14"	145.8	4,056.1		TRIMREMOVE	
142571	CONICAL	TREE	N34° 42' 36.49"	W112° 03' 24.32"	151.0	4,061.3		TRIMREMOVE	
142579	CONICAL	TREE	N34° 42' 37.05"	W112° 03' 21.41"	128.4	4,038.7		TRIMREMOVE	
142587	CONICAL	TREE	N34° 42' 37.51"	W112° 03' 16.73"	93.9	4,004.2		TRIMREMOVE	
142595	CONICAL	TREE	N34° 42' 36.26"	W112° 03' 16.15"	93.9	4,004.2		TRIMREMOVE	
142603	CONICAL	TREE	N34° 42' 37.17"	W112° 03' 16.07"	92.2	4,002.5		TRIMREMOVE	
142611	CONICAL	TREE	N34° 42' 37.72"	W112° 03' 14.68"	80.8	3,991.1		TRIMREMOVE	
142619	CONICAL	TREE	N34° 42' 38.74"	W112° 03' 14.58"	79.3	3,989.6		TRIMREMOVE	
142627	CONICAL	TREE	N34° 42' 39.58"	W112° 03' 13.81"	68.6	3,978.9		TRIMREMOVE	
142635	CONICAL	TREE	N34° 42' 41.21"	W112° 03' 15.69"	73.3	3,983.6		TRIMREMOVE	
142643	CONICAL	TREE	N34° 42' 40.07"	W112° 03' 17.32"	85.6	3,995.9		TRIMREMOVE	
142651	CONICAL	TREE	N34° 42' 38.63"	W112° 03' 12.41"	59.4	3,969.7		TRIMREMOVE	
142659	CONICAL	TREE	N34° 42' 40.11"	W112° 03' 11.15"	52.1	3,962.4		TRIMREMOVE	
142667	CONICAL	TREE	N34° 42' 38.72"	W112° 03' 10.07"	42.7	3,953.0		TRIMREMOVE	
142675	CONICAL	TREE	N34° 42' 37.60"	W112° 03' 10.38"	44.2	3,954.5		TRIMREMOVE	
142683	CONICAL	TREE	N34° 42' 36.20"	W112° 03' 09.97"	43.9	3,954.2		TRIMREMOVE	
142691	CONICAL	TREE	N34° 42' 35.69"	W112° 03' 10.39"	57.0	3,967.3		TRIMREMOVE	
142699	CONICAL	TREE	N34° 42' 34.73"	W112° 03' 09.43"	51.0	3,961.3		TRIMREMOVE	
142707	CONICAL	TREE	N34° 42' 33.81"	W112° 03' 10.04"	55.8	3,966.1		TRIMREMOVE	
142715	CONICAL	TREE	N34° 42' 37.49"	W112° 03' 07.88"	32.4	3,942.7		TRIMREMOVE	
142723	CONICAL	TREE	N34° 42' 39.52"	W112° 03' 08.72"	33.8	3,944.1		TRIMREMOVE	
142731	CONICAL	TREE	N34° 42' 40.98"	W112° 03' 09.21"	35.1	3,954.5		TRIMREMOVE	
142739	CONICAL	TREE	N34° 42' 42.22"	W112° 03' 09.81"	31.3	3,941.6		TRIMREMOVE	
142747	CONICAL	TREE	N34° 42' 43.07"	W112° 03' 09.23"	21.3	3,931.6		TRIMREMOVE	
142755	CONICAL	TREE	N34° 42' 43.48"	W112° 03' 10.71"	29.9	3,940.2		TRIMREMOVE	
142763	CONICAL	TREE	N34° 42' 44.75"	W112° 03' 10.09"	19.1	3,929.4		TRIMREMOVE	
142771	CONICAL	TREE	N34° 42' 42.06"	W112° 03' 11.82"	42.2	3,952.5		TRIMREMOVE	
142779	CONICAL	TREE	N34° 42' 42.27"	W112° 03' 13.70"	53.8	3,964.1		TRIMREMOVE	
142787	CONICAL	TREE	N34° 42' 43.07"	W112° 03' 14.99"	59.0	3,969.3		TRIMREMOVE	
142795	CONICAL	TREE	N34° 42' 42.04"	W112° 03' 14.78"	60.0	3,970.3		TRIMREMOVE	
142803	CONICAL	TREE	N34° 42' 43.63"	W112° 03' 17.09"	71.3	3,981.6		TRIMREMOVE	
142811	CONICAL	TREE	N34° 42' 42.64"	W112° 03' 17.40"	74.6	3,984.9		TRIMREMOVE	
142819	CONICAL	TREE	N34° 42' 45.97"	W112° 03' 17.00"	53.6	3,963.9		TRIMREMOVE	
142827	CONICAL	TREE	N34° 42' 47.47"	W112° 03' 17.82"	52.5	3,962.8		TRIMREMOVE	
142835	CONICAL	TREE	N34° 42' 49.88"	W112° 03' 17.90"	37.7	3,948.0		TRIMREMOVE	
142843	CONICAL	TREE	N34° 42' 51.08"	W112° 03' 16.02"	20.2	3,930.5		TRIMREMOVE	
142851	CONICAL	TREE	N34° 42' 49.91"	W112° 03' 16.42"	28.5	3,938.8		TRIMREMOVE	
142859	CONICAL	TREE	N34° 42' 50.77"	W112° 03' 18.84"	31.9	3,942.2		TRIMREMOVE	
142867	CONICAL	TREE	N34° 42' 52.71"	W112° 03' 19.69"	18.4	3,928.7		TRIMREMOVE	
142875	CONICAL	TREE	N34° 42' 54.23"	W112° 03' 21.05"	17.3	3,927.6		TRIMREMOVE	
142883	CONICAL	TREE	N34° 42' 54.32"	W112° 03' 22.44"	14.8	3,925.1		TRIMREMOVE	
142891	CONICAL	TREE	N34° 42' 54.51"	W112° 03' 22.62"	23.9	3,934.2		TRIMREMOVE	
142899	CONICAL	TREE	N34° 42' 55.35"	W112° 03' 21.35"	4.8	3,915.1		TRIMREMOVE	
142907	CONICAL	TREE	N34° 42' 56.81"	W112° 03' 23.37"	6.4	3,916.7		TRIMREMOVE	
142915	CONICAL	TREE	N34° 42' 57.83"	W112° 03' 24.09"	1.6	3,911.9		TRIMREMOVE	
142933</td									

PART 77 SURFACE PENETRATIONS																										
POINT ID	SURFACE	DESCRIPTION	LATITUDE	LONGITUDE	OBSTRUCTION PEN VALUE	OBSTRUCTION ELEVATION (MSL)	OBSTRUCTION ELEVATION (AGL)	PROPOSED DISPOSITION	POINT ID	SURFACE	DESCRIPTION	LATITUDE	LONGITUDE	OBSTRUCTION PEN VALUE	OBSTRUCTION ELEVATION (MSL)	OBSTRUCTION ELEVATION (AGL)	PROPOSED DISPOSITION	POINT ID	SURFACE	DESCRIPTION	LATITUDE	LONGITUDE	OBSTRUCTION PEN VALUE	OBSTRUCTION ELEVATION (MSL)	OBSTRUCTION ELEVATION (AGL)	PROPOSED DISPOSITION
CONICAL SURFACE PENETRATION GROUP (CONT.)										CONICAL SURFACE PENETRATION GROUP (CONT.)																
145987	CONICAL	SCRUB	N34° 42' 26.91"	W112° 02' 53.97"	4.7	3,915.0		TRIM/REMOVE	148043	CONICAL	TREE	N34° 42' 39.91"	W112° 03' 12.95"	57.8	3,968.1		TRIM/REMOVE	173428	CONICAL	SCRUB	N34° 42' 39.52"	W112° 03' 18.12"	95.2	4,005.5		TRIM/REMOVE
145995	CONICAL	SCRUB	N34° 42' 25.91"	W112° 03' 54.38"	9.6	3,919.9		TRIM/REMOVE	148051	CONICAL	TREE	N34° 42' 41.58"	W112° 03' 05.82"	8.4	3,918.7		TRIM/REMOVE	173436	CONICAL	SCRUB	N34° 42' 39.47"	W112° 03' 20.79"	112.7	4,023.0		TRIM/REMOVE
146003	CONICAL	SCRUB	N34° 42' 24.00"	W112° 02' 56.14"	47.3	3,957.6		TRIM/REMOVE	149295	CONICAL	TREE	N34° 42' 31.35"	W112° 02' 37.61"	2.8	3,913.1		TRIM/REMOVE	173444	CONICAL	SCRUB	N34° 42' 36.08"	W112° 03' 22.11"	130.3	4,040.6		TRIM/REMOVE
146011	CONICAL	SCRUB	N34° 42' 23.86"	W112° 02' 54.06"	53.1	3,963.4		TRIM/REMOVE	149319	CONICAL	TREE	N34° 42' 31.86"	W112° 02' 34.62"	2.2	3,912.5		TRIM/REMOVE	173452	CONICAL	SCRUB	N34° 42' 35.56"	W112° 03' 20.93"	125.7	4,036.0		TRIM/REMOVE
146019	CONICAL	SCRUB	N34° 42' 25.42"	W112° 02' 51.94"	10.9	3,921.2		TRIM/REMOVE	149375	CONICAL	TREE	N34° 42' 28.74"	W112° 02' 43.09"	13.0	3,923.3		TRIM/REMOVE	173524	CONICAL	SCRUB	N34° 42' 33.43"	W112° 03' 18.58"	110.5	4,020.8		TRIM/REMOVE
146027	CONICAL	SCRUB	N34° 42' 24.42"	W112° 02' 50.05"	26.1	3,936.4		TRIM/REMOVE	149383	CONICAL	SCRUB	N34° 42' 27.21"	W112° 02' 43.62"	12.1	3,922.4		TRIM/REMOVE	173532	CONICAL	SCRUB	N34° 42' 35.33"	W112° 03' 16.05"	88.2	3,998.5		TRIM/REMOVE
146035	CONICAL	SCRUB	N34° 42' 25.47"	W112° 02' 49.55"	6.9	3,917.2		TRIM/REMOVE	149399	CONICAL	SCRUB	N34° 42' 23.81"	W112° 03' 07.56"	75.7	3,986.0		TRIM/REMOVE	173540	CONICAL	SCRUB	N34° 42' 36.53"	W112° 03' 11.67"	52.7	3,963.0		TRIM/REMOVE
146227	CONICAL	TREE	N34° 42' 31.26"	W112° 03' 14.51"	92.8	4,003.1		TRIM/REMOVE	149407	CONICAL	TREE	N34° 42' 30.31"	W112° 02' 54.61"	5.2	3,915.5		TRIM/REMOVE	173548	CONICAL	SCRUB	N34° 42' 37.76"	W112° 03' 11.50"	47.3	3,957.6		TRIM/REMOVE
146235	CONICAL	TREE	N34° 42' 32.16"	W112° 03' 16.11"	96.5	4,006.8		TRIM/REMOVE	149487	CONICAL	TREE	N34° 42' 28.64"	W112° 02' 52.78"	2.2	3,912.5		TRIM/REMOVE	173556	CONICAL	SCRUB	N34° 42' 38.75"	W112° 03' 11.59"	47.4	3,957.7		TRIM/REMOVE
146243	CONICAL	SCRUB	N34° 42' 32.83"	W112° 03' 10.94"	57.3	3,967.6		TRIM/REMOVE	149495	CONICAL	TREE	N34° 42' 30.04"	W112° 03' 09.76"	51.5	3,961.8		TRIM/REMOVE	173564	CONICAL	SCRUB	N34° 42' 38.98"	W112° 03' 13.21"	59.3	3,969.6		TRIM/REMOVE
146251	CONICAL	SCRUB	N34° 42' 33.61"	W112° 03' 11.29"	60.6	3,970.9		TRIM/REMOVE	149503	CONICAL	TREE	N34° 42' 30.34"	W112° 03' 13.18"	95.9	4,006.2		TRIM/REMOVE	173572	CONICAL	SCRUB	N34° 42' 38.18"	W112° 03' 14.02"	67.7	3,978.0		TRIM/REMOVE
146259	CONICAL	SCRUB	N34° 42' 34.90"	W112° 03' 12.47"	64.8	3,975.1		TRIM/REMOVE	149527	CONICAL	TREE	N34° 42' 22.01"	W112° 03' 01.74"	63.1	3,973.4		TRIM/REMOVE	173580	CONICAL	SCRUB	N34° 42' 41.12"	W112° 03' 10.77"	35.9	3,946.2		TRIM/REMOVE
146267	CONICAL	SCRUB	N34° 42' 35.65"	W112° 03' 11.72"	56.3	3,966.6		TRIM/REMOVE	149535	CONICAL	TREE	N34° 42' 24.69"	W112° 02' 55.90"	35.8	3,946.1		TRIM/REMOVE	173588	CONICAL	SCRUB	N34° 42' 42.87"	W112° 03' 08.38"	10.5	3,920.8		TRIM/REMOVE
146275	CONICAL	SCRUB	N34° 42' 34.66"	W112° 03' 10.52"	52.7	3,963.0		TRIM/REMOVE	149577	CONICAL	TREE	N34° 42' 31.79"	W112° 03' 13.79"	11.4	3,921.7		TRIM/REMOVE	173596	CONICAL	SCRUB	N34° 42' 41.81"	W112° 03' 09.10"	21.3	3,931.6		TRIM/REMOVE
146283	CONICAL	TREE	N34° 42' 35.12"	W112° 03' 13.44"	76.5	3,986.8		TRIM/REMOVE	149584	CONICAL	TREE	N34° 42' 50.07"	W112° 03' 18.47"	20.4	3,930.7		TRIM/REMOVE	173604	CONICAL	SCRUB	N34° 42' 41.04"	W112° 03' 08.41"	18.2	3,928.5		TRIM/REMOVE
146291	CONICAL	SCRUB	N34° 42' 35.29"	W112° 03' 18.84"	108.6	4,018.9		TRIM/REMOVE	149592	CONICAL	TREE	N34° 42' 51.54"	W112° 03' 15.49"	14.7	3,925.0		TRIM/REMOVE	173612	CONICAL	SCRUB	N34° 42' 40.28"	W112° 03' 07.31"	19.4	3,929.7		TRIM/REMOVE
146299	CONICAL	SCRUB	N34° 42' 34.28"	W112° 03' 18.34"	105.4	4,015.7		TRIM/REMOVE	149600	CONICAL	TREE	N34° 42' 49.95"	W112° 03' 15.27"	20.8	3,931.1		TRIM/REMOVE	173620	CONICAL	SCRUB	N34° 42' 40.03"	W112° 03' 05.26"	5.1	3,915.4		TRIM/REMOVE
146307	CONICAL	SCRUB	N34° 42' 32.60"	W112° 03' 19.91"	117.8	4,028.1		TRIM/REMOVE	149608	CONICAL	TREE	N34° 42' 45.55"	W112° 03' 20.93"	83.9	3,994.2		TRIM/REMOVE	173628	CONICAL	SCRUB	N34° 42' 38.40"	W112° 03' 07.61"	22.3	3,932.6		TRIM/REMOVE
146347	CONICAL	TREE	N34° 42' 38.16"	W112° 03' 24.89"	147.9	4,058.2		TRIM/REMOVE	149616	CONICAL	TREE	N34° 42' 46.28"	W112° 03' 26.92"	91.7	4,002.0		TRIM/REMOVE	173636	CONICAL	SCRUB	N34° 42' 36.36"	W112° 03' 07.08"	26.4	3,936.7		TRIM/REMOVE
146483	CONICAL	TREE	N34° 42' 38.69"	W112° 03' 26.04"	153.6	4,063.9		TRIM/REMOVE	149624	CONICAL	TREE	N34° 42' 46.82"	W112° 03' 28.14"	90.9	4,001.3		TRIM/REMOVE	173644	CONICAL	SCRUB	N34° 42' 36.91"	W112° 03' 06.64"	34.3	3,944.6		TRIM/REMOVE
146499	CONICAL	TREE	N34° 42' 41.36"	W112° 03' 26.71"	145.9	4,056.2		TRIM/REMOVE	149632	CONICAL	TREE	N34° 42' 47.00"	W112° 03' 29.10"	175.5	4,085.8		TRIM/REMOVE	173652	CONICAL	SCRUB	N34° 42' 37.00"	W112° 03' 09.73"	38.9	3,949.2		TRIM/REMOVE
146507	CONICAL	TREE	N34° 42' 42.26"	W112° 03' 24.23"	119.2	4,029.5		TRIM/REMOVE	149656	CONICAL	TREE	N34° 42' 43.35"	W112° 03' 21.75"	103.6	4,013.9		TRIM/REMOVE	173660	CONICAL	SCRUB	N34° 42' 37.05"	W112° 03' 10.93"	46.8	3,957.1		TRIM/REMOVE
146515	CONICAL	TREE	N34° 42' 43.71"	W112° 03' 23.31"	108.0	4,018.3		TRIM/REMOVE	149680	CONICAL	TREE	N34° 42' 49.95"	W112° 03' 15.27"	20.8	3,931.1		TRIM/REMOVE	173668	CONICAL	SCRUB	N34° 42' 38.05"	W112° 03' 08.64"	29.2	3,939.5		

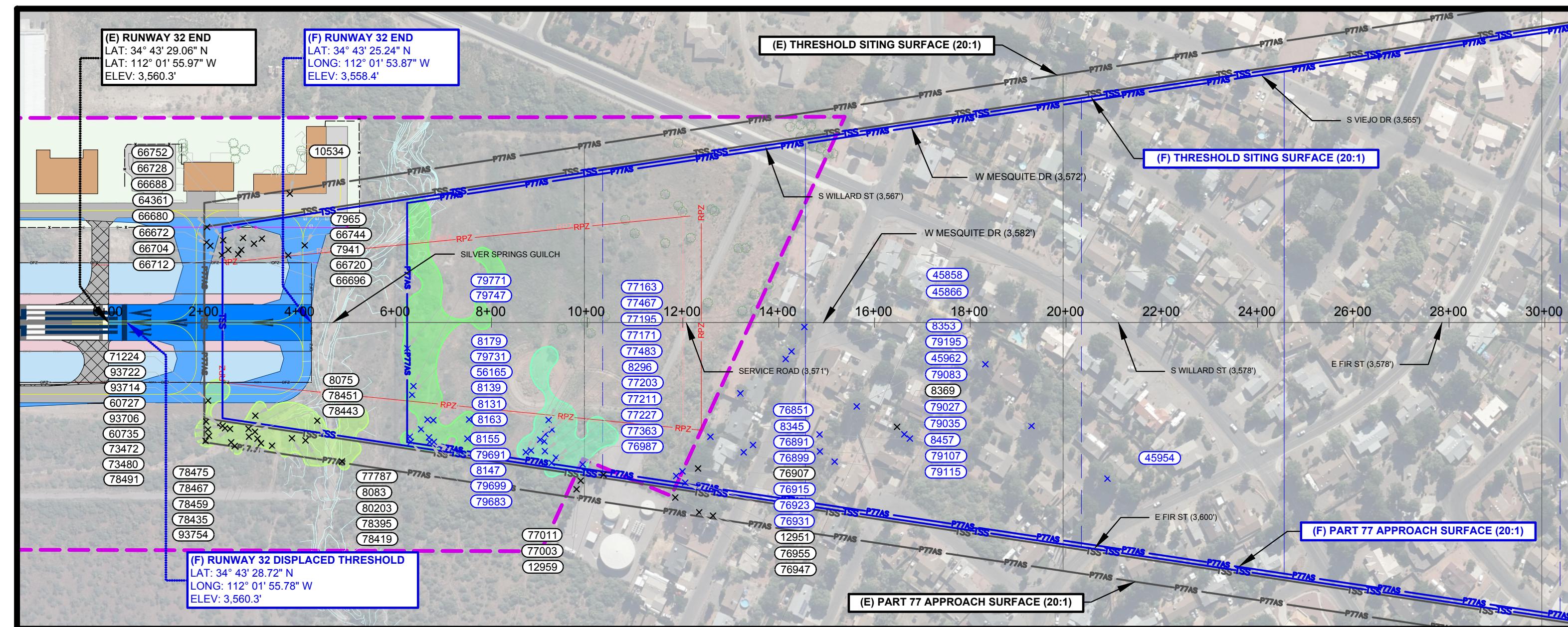
PART 77 SURFACE PENETRATIONS									
POINT ID	SURFACE	DESCRIPTION	LATITUDE	LONGITUDE	OBSTRUCTION PEN VALUE	OBSTRUCTION ELEVATION (MSL)	OBSTRUCTION ELEVATION (AGL)	PROPOSED DISPOSITION	CONICAL SURFACE PENETRATION GROUP (CONT.)
176140	CONICAL	TREE	N34° 42' 32.01"	W112° 03' 15.12"	80.7	3,991.0		TRIM/REMOVE	
176260	CONICAL	TREE	N34° 42' 42.95"	W112° 03' 22.84"	111.2	4,021.5		TRIM/REMOVE	
176340	CONICAL	TREE	N34° 42' 42.65"	W112° 03' 28.43"	182.0	4,092.3		TRIM/REMOVE	
176348	CONICAL	SCRUB	N34° 42' 44.71"	W112° 03' 29.73"	148.7	4,059.0		TRIM/REMOVE	
176356	CONICAL	SCRUB	N34° 42' 45.12"	W112° 03' 27.42"	109.8	4,020.1		TRIM/REMOVE	
176364	CONICAL	SCRUB	N34° 42' 43.34"	W112° 03' 26.61"	130.9	4,041.2		TRIM/REMOVE	
176372	CONICAL	SCRUB	N34° 42' 42.33"	W112° 03' 26.51"	129.4	4,039.7		TRIM/REMOVE	
176380	CONICAL	SCRUB	N34° 42' 45.92"	W112° 03' 25.22"	89.0	3,999.3		TRIM/REMOVE	
176388	CONICAL	SCRUB	N34° 42' 46.55"	W112° 03' 24.39"	80.7	3,991.0		TRIM/REMOVE	
176396	CONICAL	SCRUB	N34° 42' 47.59"	W112° 03' 25.18"	73.7	3,984.0		TRIM/REMOVE	
176404	CONICAL	SCRUB	N34° 42' 47.65"	W112° 03' 26.74"	72.8	3,983.1		TRIM/REMOVE	
176412	CONICAL	SCRUB	N34° 42' 48.64"	W112° 03' 25.98"	60.9	3,971.2		TRIM/REMOVE	
176420	CONICAL	SCRUB	N34° 42' 49.71"	W112° 03' 26.67"	44.2	3,954.5		TRIM/REMOVE	
176428	CONICAL	SCRUB	N34° 42' 49.57"	W112° 03' 28.29"	45.9	3,956.2		TRIM/REMOVE	
176436	CONICAL	SCRUB	N34° 42' 48.69"	W112° 03' 28.23"	57.0	3,967.3		TRIM/REMOVE	
176444	CONICAL	SCRUB	N34° 42' 48.20"	W112° 03' 29.93"	68.8	3,979.1		TRIM/REMOVE	
176452	CONICAL	SCRUB	N34° 42' 50.20"	W112° 03' 29.94"	77.2	3,987.5		TRIM/REMOVE	
176460	CONICAL	SCRUB	N34° 42' 50.53"	W112° 03' 30.74"	88.4	3,988.7		TRIM/REMOVE	
176468	CONICAL	SCRUB	N34° 42' 49.75"	W112° 03' 31.82"	88.4	3,988.7		TRIM/REMOVE	
176476	CONICAL	SCRUB	N34° 42' 50.62"	W112° 03' 28.40"	69.2	3,979.5		TRIM/REMOVE	
176484	CONICAL	SCRUB	N34° 42' 51.23"	W112° 03' 26.62"	58.2	3,968.5		TRIM/REMOVE	
176492	CONICAL	SCRUB	N34° 42' 50.38"	W112° 03' 25.74"	35.8	3,946.1		TRIM/REMOVE	
176500	CONICAL	SCRUB	N34° 42' 50.18"	W112° 03' 24.63"	43.1	3,953.4		TRIM/REMOVE	
176508	CONICAL	TREE	N34° 42' 51.77"	W112° 03' 25.24"	40.3	3,950.6		TRIM/REMOVE	
176516	CONICAL	TREE	N34° 42' 53.29"	W112° 03' 23.96"	27.7	3,938.0		TRIM/REMOVE	
176524	CONICAL	TREE	N34° 42' 51.99"	W112° 03' 16.43"	6.6	3,916.9		TRIM/REMOVE	
176524	CONICAL	TREE	N34° 42' 53.63"	W112° 03' 17.73"	2.0	3,912.3		TRIM/REMOVE	
176532	CONICAL	SCRUB	N34° 42' 49.00"	W112° 03' 19.16"	43.1	3,953.4		TRIM/REMOVE	
176540	CONICAL	TREE	N34° 42' 47.72"	W112° 03' 20.94"	67.3	3,977.6		TRIM/REMOVE	
176548	CONICAL	TREE	N34° 42' 48.41"	W112° 03' 21.83"	62.4	3,972.7		TRIM/REMOVE	
176556	CONICAL	TREE	N34° 42' 48.32"	W112° 03' 23.22"	65.2	3,975.5		TRIM/REMOVE	
176564	CONICAL	TREE	N34° 42' 45.74"	W112° 03' 21.86"	83.0	3,993.3		TRIM/REMOVE	
176572	CONICAL	TREE	N34° 42' 44.63"	W112° 03' 22.39"	92.6	4,002.9		TRIM/REMOVE	
176580	CONICAL	TREE	N34° 42' 41.17"	W112° 03' 25.53"	128.4	4,038.7		TRIM/REMOVE	
179391	CONICAL	TREE	N34° 43' 06.65"	W112° 03' 40.48"	36.1	3,946.4		TRIM/REMOVE	
179399	CONICAL	TREE	N34° 43' 08.05"	W112° 03' 38.48"	26.0	3,936.3		TRIM/REMOVE	
179407	CONICAL	TREE	N34° 43' 06.66"	W112° 03' 37.67"	45.5	3,955.8		TRIM/REMOVE	
179415	CONICAL	TREE	N34° 43' 06.65"	W112° 03' 36.51"	36.9	3,947.2		TRIM/REMOVE	
179423	CONICAL	TREE	N34° 43' 05.15"	W112° 03' 36.83"	44.4	3,954.7		TRIM/REMOVE	
179431	CONICAL	TREE	N34° 43' 07.69"	W112° 03' 35.28"	24.2	3,934.5		TRIM/REMOVE	
179439	CONICAL	TREE	N34° 43' 06.68"	W112° 03' 34.05"	19.4	3,929.7		TRIM/REMOVE	
179447	CONICAL	TREE	N34° 43' 07.49"	W112° 03' 33.84"	14.3	3,924.6		TRIM/REMOVE	
179791	CONICAL	TREE	N34° 43' 00.62"	W112° 03' 27.50"	4.8	3,915.1		TRIM/REMOVE	
179815	CONICAL	SCRUB	N34° 42' 58.40"	W112° 03' 27.65"	8.9	3,919.2		TRIM/REMOVE	
179831	CONICAL	SCRUB	N34° 42' 57.76"	W112° 03' 28.67"	16.8	3,927.1		TRIM/REMOVE	
179839	CONICAL	GROUND	N34° 42' 57.94"	W112° 03' 30.68"	26.1	3,936.4		PROVIDE OL	
179847	CONICAL	GROUND	N34° 42' 58.24"	W112° 03' 32.52"	39.3	3,949.6		PROVIDE OL	
179855	CONICAL	GROUND	N34° 42' 58.79"	W112° 03' 31.52"	28.1	3,938.4		PROVIDE OL	
179863	CONICAL	GROUND	N34° 42' 59.83"	W112° 03' 32.01"	22.3	3,932.6		PROVIDE OL	
179871	CONICAL	GROUND	N34° 43' 00.97"	W112° 03' 31.12"	45.0	3,955.3		PROVIDE OL	
179879	CONICAL	GROUND	N34° 43' 02.08"	W112° 03' 30.75"	29.6	3,939.9		PROVIDE OL	
179887	CONICAL	GROUND	N34° 43' 02.16"	W112° 03' 29.53"	11.8	3,922.1		PROVIDE OL	
179895	CONICAL	GROUND	N34° 43' 02.53"	W112° 03' 27.97"	16.5	3,926.8		PROVIDE OL	
179903	CONICAL	GROUND	N34° 43' 03.68"	W112° 03' 27.75"	12.9	3,923.2		PROVIDE OL	
179911	CONICAL	GROUND	N34° 43' 04.72"	W112° 03' 26.84"	30.4	3,940.7		PROVIDE OL	
179959	CONICAL	GROUND	N34° 43' 05.15"	W112° 03' 28.59"	6.1	3,916.4		PROVIDE OL	
179967	CONICAL	GROUND	N34° 42' 59.02"	W112° 03' 28.82"	8.9	3,919.2		PROVIDE OL	
179975	CONICAL	GROUND	N34° 42' 59.34"	W112° 03' 30.35"	17.8	3,928.1		PROVIDE OL	
179983	CONICAL	GROUND	N34° 43' 00.41"	W112° 03' 29.83"	9.2	3,919.5		PROVIDE OL	
179991	CONICAL	GROUND	N34° 43' 01.28"	W112° 03' 29.98"	14.6	3,924.9		PROVIDE OL	
179999	CONICAL	TREE	N34° 43' 01.63"	W112° 03' 33.46"	77.6	3,987.9		TRIM/REMOVE	
180007	CONICAL	TREE	N34° 43' 06.24"	W112° 03' 27.64"	27.3	3,937.6		TRIM/REMOVE	
180015	CONICAL	TREE	N34° 43' 03.78"	W112° 03' 33.67"	13.2	3,923.5		TRIM/REMOVE	
180023	CONICAL	TREE	N34° 43' 00.86"	W112° 03' 38.41"	47.8	3,958.1		TRIM/REMOVE	
180031	CONICAL	TREE	N34° 42' 59.63"	W112° 03' 36.87"	98.5	4,008.8		TRIM/REMOVE	
180071	CONICAL	TREE	N34° 43' 01.30"	W112° 03' 36.63"	50.0	3,960.3		TRIM/REMOVE	
180079	CONICAL	SCRUB	N34° 43' 00.47"	W112° 03' 33.28"	57.2	3,967.5		TRIM/REMOVE	
180087	CONICAL	SCRUB	N34° 42' 59.44"	W112° 03' 34.21"	74.7	3,985.0		TRIM/REMOVE	
180095	CONICAL	SCRUB	N34° 42' 58.61"	W112° 03' 34.74"	105.4	4,015.7		TRIM/REMOVE	
180103	CONICAL	SCRUB	N						

PART 77 SURFACE PENETRATIONS									
POINT ID	SURFACE	DESCRIPTION	LATITUDE	LONGITUDE	OBSTRUCTION PEN VALUE	OBSTRUCTION ELEVATION (MSL)	OBSTRUCTION ELEVATION (AGL)	PROPOSED DISPOSITION	CONICAL SURFACE PENETRATION GROUP (CONT.)
183519	CONICAL	TREE	N34° 43' 29.53"	W112° 03' 42.26"	34.4	3,944.7		TRIMREMOVE	
183527	CONICAL	TREE	N34° 43' 28.62"	W112° 03' 42.20"	19.3	3,929.6		TRIMREMOVE	
183535	CONICAL	TREE	N34° 43' 30.79"	W112° 03' 40.24"	13.5	3,923.8		TRIMREMOVE	
183543	CONICAL	TREE	N34° 43' 31.21"	W112° 03' 39.02"	7.2	3,917.5		TRIMREMOVE	
183551	CONICAL	TREE	N34° 43' 32.38"	W112° 03' 40.39"	64.8	3,975.1		TRIMREMOVE	
183559	CONICAL	TREE	N34° 43' 33.31"	W112° 03' 38.13"	53.3	3,963.6		TRIMREMOVE	
183567	CONICAL	TREE	N34° 43' 35.78"	W112° 03' 36.62"	52.2	3,962.5		TRIMREMOVE	
183575	CONICAL	TREE	N34° 43' 35.58"	W112° 03' 38.03"	29.8	3,940.1		TRIMREMOVE	
183583	CONICAL	TREE	N34° 43' 35.11"	W112° 03' 39.40"	49.2	3,959.5		TRIMREMOVE	
183591	CONICAL	TREE	N34° 43' 34.90"	W112° 03' 40.64"	78.6	3,988.9		TRIMREMOVE	
183599	CONICAL	TREE	N34° 43' 34.44"	W112° 03' 41.66"	112.0	4,022.3		TRIMREMOVE	
183607	CONICAL	TREE	N34° 43' 35.31"	W112° 03' 41.80"	84.6	3,994.9		TRIMREMOVE	
183615	CONICAL	TREE	N34° 43' 34.82"	W112° 03' 42.90"	86.0	3,996.3		TRIMREMOVE	
183623	CONICAL	TREE	N34° 43' 33.68"	W112° 03' 43.42"	97.1	4,007.4		TRIMREMOVE	
183631	CONICAL	TREE	N34° 43' 33.17"	W112° 03' 44.78"	86.9	3,997.2		TRIMREMOVE	
183639	CONICAL	TREE	N34° 43' 32.58"	W112° 03' 46.17"	81.5	3,991.8		TRIMREMOVE	
183647	CONICAL	TREE	N34° 43' 31.30"	W112° 03' 46.57"	128.9	4,039.2		TRIMREMOVE	
183655	CONICAL	TREE	N34° 43' 30.51"	W112° 03' 48.19"	126.6	4,036.9		TRIMREMOVE	
183663	CONICAL	TREE	N34° 43' 29.12"	W112° 03' 48.94"	166.9	4,077.2		TRIMREMOVE	
183671	CONICAL	TREE	N34° 43' 28.54"	W112° 03' 50.95"	178.9	4,089.2		TRIMREMOVE	
183679	CONICAL	SCRUB	N34° 43' 28.08"	W112° 03' 49.62"	194.5	4,104.8		TRIMREMOVE	
183687	CONICAL	SCRUB	N34° 43' 27.34"	W112° 03' 49.01"	180.4	4,090.7		TRIMREMOVE	
183695	CONICAL	SCRUB	N34° 43' 27.89"	W112° 03' 48.22"	166.6	4,076.9		TRIMREMOVE	
183703	CONICAL	SCRUB	N34° 43' 26.41"	W112° 03' 50.14"	197.7	4,108.0		TRIMREMOVE	
183711	CONICAL	SCRUB	N34° 43' 22.89"	W112° 03' 50.87"	227.8	4,138.1		TRIMREMOVE	
183719	CONICAL	TREE	N34° 43' 23.44"	W112° 03' 49.74"	203.8	4,114.1		TRIMREMOVE	
183775	CONICAL	GROUND	N34° 43' 26.34"	W112° 03' 51.46"	224.2	4,134.5		PROVIDE OL	
183783	CONICAL	SCRUB	N34° 43' 29.33"	W112° 03' 47.35"	162.7	4,073.0		TRIMREMOVE	
183791	CONICAL	TREE	N34° 43' 27.84"	W112° 03' 53.12"	160.7	4,071.0		TRIMREMOVE	
183799	CONICAL	SCRUB	N34° 43' 17.56"	W112° 03' 46.47"	165.1	4,075.4		TRIMREMOVE	
183927	CONICAL	SCRUB	N34° 43' 17.71"	W112° 03' 44.98"	180.3	4,090.6		TRIMREMOVE	
183935	CONICAL	SCRUB	N34° 43' 19.15"	W112° 03' 46.44"	194.0	4,104.3		TRIMREMOVE	
183943	CONICAL	SCRUB	N34° 43' 19.93"	W112° 03' 44.01"	174.9	4,085.2		TRIMREMOVE	
183951	CONICAL	SCRUB	N34° 43' 15.83"	W112° 03' 44.88"	113.0	4,023.3		TRIMREMOVE	
183959	CONICAL	GROUND	N34° 43' 12.84"	W112° 03' 42.79"	77.5	3,987.8		PROVIDE OL	
183967	CONICAL	GROUND	N34° 43' 16.05"	W112° 03' 39.40"	45.3	3,955.6		PROVIDE OL	
183983	CONICAL	TREE	N34° 43' 24.93"	W112° 03' 42.33"	87.5	3,997.8		TRIMREMOVE	
183991	CONICAL	TREE	N34° 43' 24.80"	W112° 03' 44.76"	136.1	4,046.4		TRIMREMOVE	
183999	CONICAL	TREE	N34° 43' 25.97"	W112° 03' 42.54"	101.2	4,011.5		TRIMREMOVE	
184007	CONICAL	TREE	N34° 43' 21.92"	W112° 03' 38.56"	117.3	4,027.6		TRIMREMOVE	
184015	CONICAL	TREE	N34° 43' 22.45"	W112° 03' 37.03"	89.6	3,999.9		TRIMREMOVE	
184023	CONICAL	TREE	N34° 43' 24.25"	W112° 03' 34.03"	82.3	3,992.6		TRIMREMOVE	
184031	CONICAL	TREE	N34° 43' 25.23"	W112° 03' 34.69"	43.1	3,953.4		TRIMREMOVE	
184039	CONICAL	TREE	N34° 43' 25.96"	W112° 03' 35.77"	9.3	3,919.6		TRIMREMOVE	
184047	CONICAL	TREE	N34° 43' 26.59"	W112° 03' 37.29"	2.0	3,912.3		TRIMREMOVE	
184055	CONICAL	TREE	N34° 43' 27.58"	W112° 03' 37.25"	29.0	3,939.3		TRIMREMOVE	
184063	CONICAL	TREE	N34° 43' 25.35"	W112° 03' 38.17"	18.6	3,928.9		TRIMREMOVE	
184071	CONICAL	TREE	N34° 43' 25.40"	W112° 03' 33.69"	40.2	3,950.5		TRIMREMOVE	
184079	CONICAL	TREE	N34° 43' 25.00"	W112° 03' 32.48"	55.6	3,965.9		TRIMREMOVE	
184087	CONICAL	TREE	N34° 43' 25.50"	W112° 03' 30.58"	29.9	3,940.2		TRIMREMOVE	
184095	CONICAL	TREE	N34° 43' 25.51"	W112° 03' 29.51"	3.2	3,913.5		TRIMREMOVE	
184103	CONICAL	TREE	N34° 43' 24.73"	W112° 03' 28.91"	12.2	3,922.5		TRIMREMOVE	
184111	CONICAL	TREE	N34° 43' 23.50"	W112° 03' 28.82"	33.4	3,943.7		TRIMREMOVE	
184119	CONICAL	TREE	N34° 43' 22.32"	W112° 03' 29.71"	26.1	3,938.4		TRIMREMOVE	
184127	CONICAL	TREE	N34° 43' 22.99"	W112° 03' 30.55"	44.4	3,954.7		TRIMREMOVE	
184135	CONICAL	TREE	N34° 43' 22.90"	W112° 03' 32.14"	42.9	3,953.2		TRIMREMOVE	
184143	CONICAL	TREE	N34° 43' 22.40"	W112° 03' 32.98"	39.5	3,949.8		TRIMREMOVE	
184151	CONICAL	TREE	N34° 43' 21.16"	W112° 03' 33.00"	12.2	3,922.5		TRIMREMOVE	
184159	CONICAL	TREE	N34° 43' 23.31"	W112° 03' 27.87"	11.9	3,922.2		TRIMREMOVE	
184303	CONICAL	TREE	N34° 43' 29.03"	W112° 03' 35.21"	4.4	3,914.7		TRIMREMOVE	
184311	CONICAL	TREE	N34° 43' 28.13"	W112° 03' 36.04"	4.4	3,914.7		TRIMREMOVE	
184327	CONICAL	TREE	N34° 43' 26.22"	W112° 03' 33.52"	7.3	3,917.6		TRIMREMOVE	
184335	CONICAL	TREE	N34° 43' 26.32"	W112° 03' 31.51"	4.8	3,915.1		TRIMREMOVE	
184663	CONICAL	TREE	N34° 43' 22.36"	W112° 03' 28.40"	18.8	3,929.1		TRIMREMOVE	
184823	CONICAL	TREE	N34° 43' 16.94"	W112° 03' 32.42"	34.1	3,944.4		TRIMREMOVE	
184847	CONICAL	SCRUB	N34° 43' 09.61"	W112° 03' 41.86"	31.9	3,942.2		TRIMREMOVE	
184855	CONICAL	SCRUB	N34° 43' 15.88"	W112° 03' 46.40"	120.7	4,031.0		TRIMREMOVE	
185375	CONICAL	TREE	N34° 43' 16.16"	W112° 03' 43.30"	129.1	4,039.4		TRIMREMOVE	
185391	CONICAL	SCRUB	N34° 43' 25.91"	W112° 03' 39.95"	48.5	3,958.8		TRIMREMOVE	
185399	CONICAL	SCRUB	N34° 43' 25.30"	W112° 03' 40.69"	53.3	3,963.6			

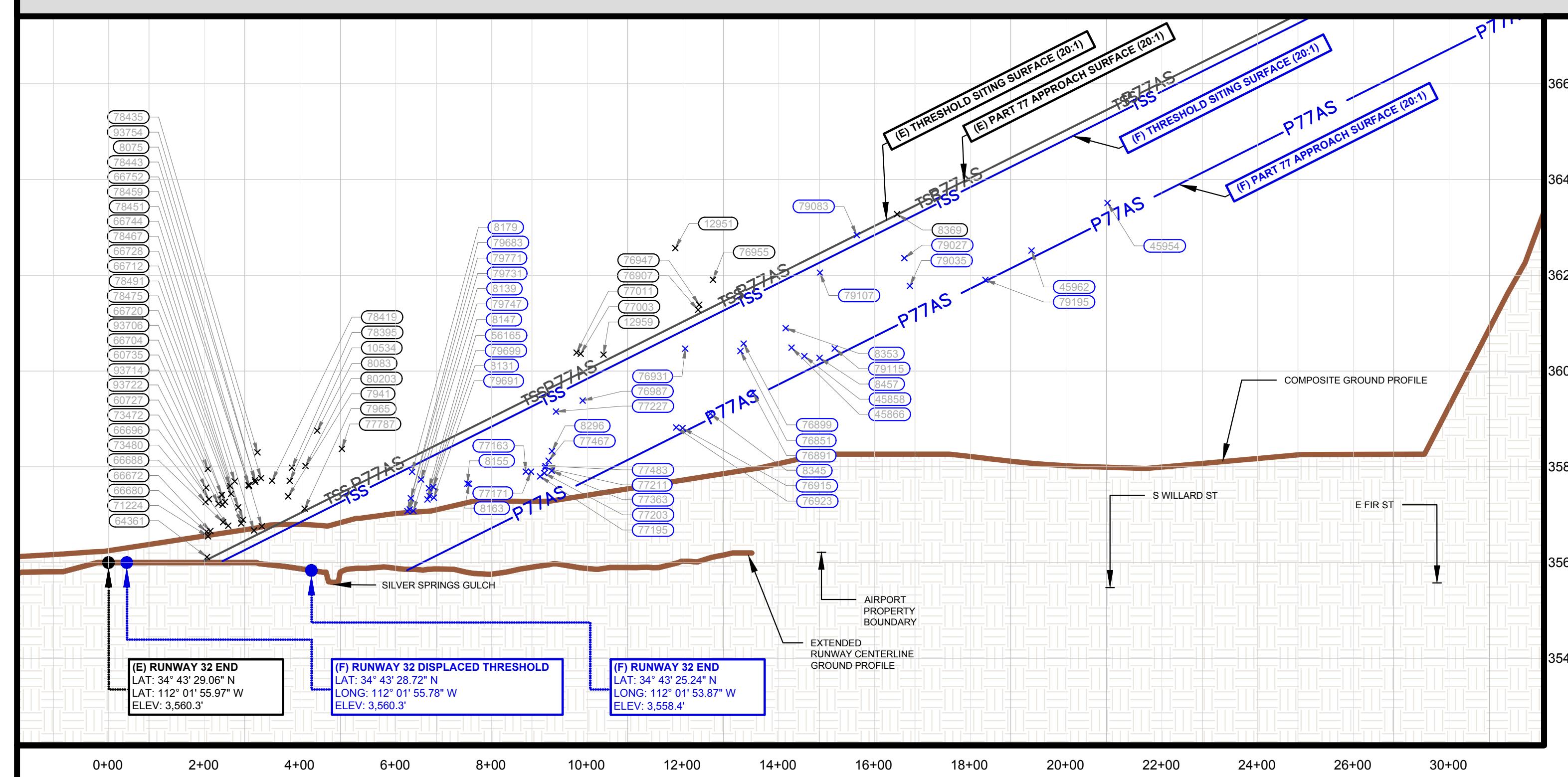
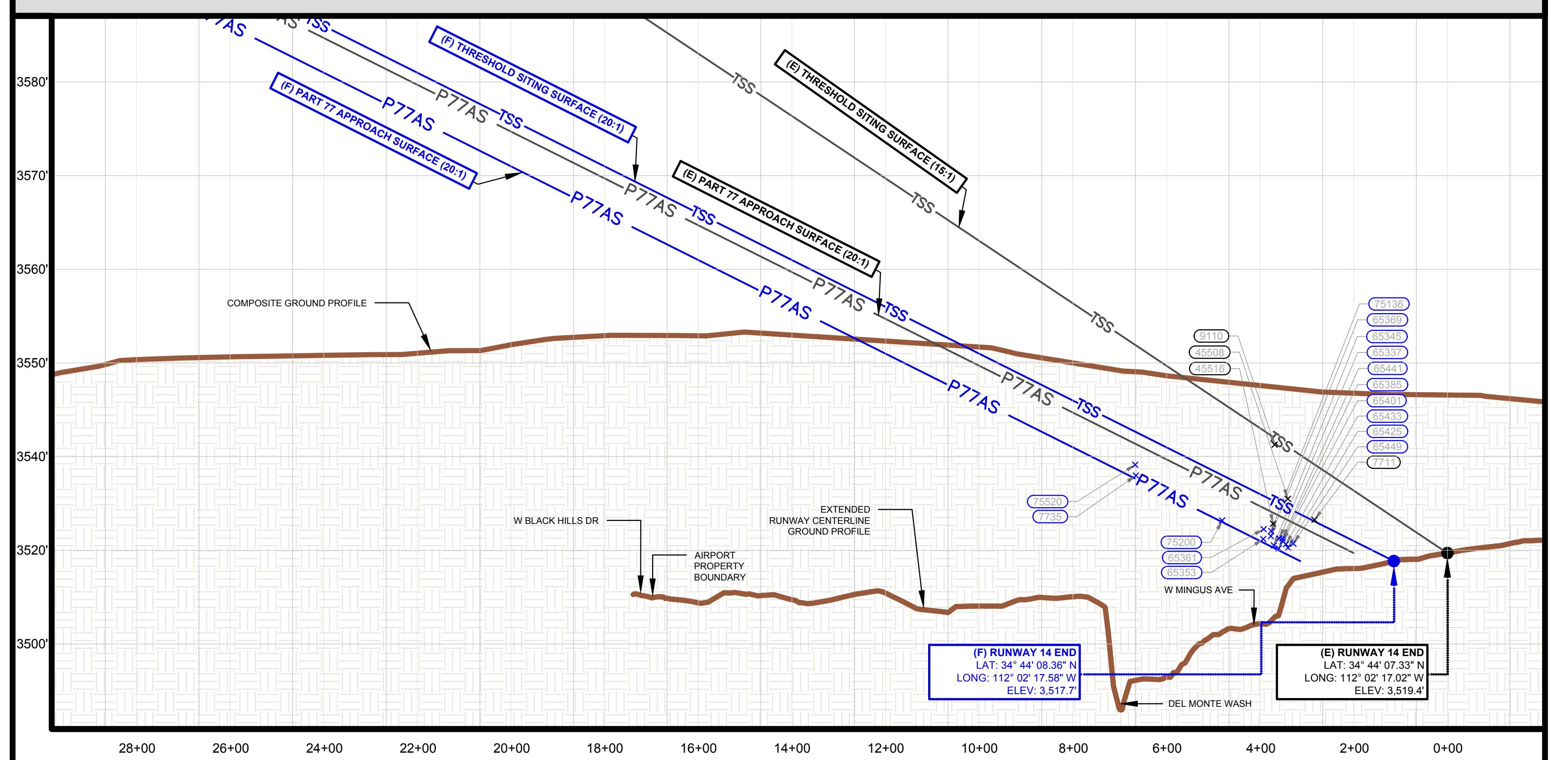
PART 77 SURFACE PENETRATIONS								
POINT ID	SURFACE	DESCRIPTION	LATITUDE	LONGITUDE	OBSTRUCTION PEN VALUE	OBSTRUCTION ELEVATION (MSL)	OBSTRUCTION ELEVATION (AGL)	PROPOSED DISPOSITION
CONICAL SURFACE PENETRATION GROUP (CONT.)								
194072	CONICAL	SCRUB	N34° 43' 24.17"	W112° 03' 49.81"	172.7	4.083.0		TRIM/REMOVE
194176	CONICAL	TREE	N34° 43' 41.78"	W112° 03' 52.74"	53.8	3.964.1		TRIM/REMOVE
194184	CONICAL	SCRUB	N34° 43' 41.07"	W112° 03' 53.48"	70.8	3.981.1		TRIM/REMOVE
195424	CONICAL	TREE	N34° 44' 12.45"	W112° 04' 06.18"	34.5	3.944.8		TRIM/REMOVE
195432	CONICAL	TREE	N34° 44' 13.72"	W112° 04' 05.77"	16.5	3.926.8		TRIM/REMOVE
195440	CONICAL	TREE	N34° 44' 12.70"	W112° 04' 04.90"	17.2	3.927.5		TRIM/REMOVE
195448	CONICAL	TREE	N34° 44' 12.92"	W112° 04' 03.51"	0.7	3.911.0		TRIM/REMOVE
195664	CONICAL	TREE	N34° 44' 23.99"	W112° 04' 04.99"	96.9	4.007.2		TRIM/REMOVE
195672	CONICAL	TREE	N34° 44' 21.31"	W112° 04' 03.60"	95.2	4.005.5		TRIM/REMOVE
195680	CONICAL	TREE	N34° 44' 20.78"	W112° 04' 01.87"	92.4	4.002.7		TRIM/REMOVE
195688	CONICAL	TREE	N34° 44' 21.87"	W112° 04' 01.56"	41.6	3.951.9		TRIM/REMOVE
195696	CONICAL	TREE	N34° 44' 21.35"	W112° 04' 00.49"	54.4	3.964.7		TRIM/REMOVE
195704	CONICAL	TREE	N34° 44' 20.59"	W112° 03' 59.85"	65.7	3.976.0		TRIM/REMOVE
195712	CONICAL	TREE	N34° 44' 21.46"	W112° 03' 59.36"	25.7	3.936.0		TRIM/REMOVE
195752	CONICAL	TREE	N34° 44' 19.34"	W112° 03' 57.99"	18.1	3.928.4		TRIM/REMOVE
195760	CONICAL	TREE	N34° 44' 18.97"	W112° 04' 00.02"	74.7	3.985.0		TRIM/REMOVE
195768	CONICAL	TREE	N34° 44' 19.04"	W112° 04' 01.15"	101.3	4.011.6		TRIM/REMOVE
195776	CONICAL	TREE	N34° 44' 18.85"	W112° 04' 04.15"	115.8	4.028.1		TRIM/REMOVE
195784	CONICAL	TREE	N34° 44' 19.64"	W112° 04' 04.47"	140.1	4.050.4		TRIM/REMOVE
195936	CONICAL	TREE	N34° 44' 02.12"	W112° 04' 01.94"	6.8	3.917.1		TRIM/REMOVE
195944	CONICAL	TREE	N34° 44' 00.53"	W112° 04' 01.48"	54.6	3.964.9		TRIM/REMOVE
195952	CONICAL	TREE	N34° 43' 58.85"	W112° 04' 02.63"	85.5	3.995.8		TRIM/REMOVE
195960	CONICAL	TREE	N34° 43' 58.37"	W112° 04' 03.13"	85.5	3.995.8		TRIM/REMOVE
195968	CONICAL	TREE	N34° 44' 00.27"	W112° 04' 03.35"	70.3	3.980.6		TRIM/REMOVE
195976	CONICAL	TREE	N34° 44' 00.16"	W112° 04' 04.38"	57.0	3.967.3		TRIM/REMOVE
196000	CONICAL	TREE	N34° 43' 57.83"	W112° 04' 05.30"	100.2	4.010.5		TRIM/REMOVE
196728	CONICAL	TREE	N34° 44' 33.22"	W112° 03' 59.81"	1.6	3.911.9		TRIM/REMOVE
196736	CONICAL	TREE	N34° 44' 33.17"	W112° 04' 01.39"	13.9	3.924.2		TRIM/REMOVE
196768	CONICAL	TREE	N34° 44' 26.92"	W112° 03' 59.45"	14.5	3.924.8		TRIM/REMOVE
196776	CONICAL	TREE	N34° 44' 26.41"	W112° 04' 00.15"	33.5	3.943.8		TRIM/REMOVE
197792	CONICAL	TREE	N34° 43' 56.49"	W112° 03' 57.59"	3.2	3.913.5		TRIM/REMOVE
197800	CONICAL	TREE	N34° 43' 54.89"	W112° 03' 57.02"	5.2	3.915.5		TRIM/REMOVE
197808	CONICAL	TREE	N34° 43' 53.76"	W112° 03' 56.69"	7.5	3.917.8		TRIM/REMOVE
197888	CONICAL	TREE	N34° 43' 53.81"	W112° 03' 58.55"	15.5	3.925.8		TRIM/REMOVE
197896	CONICAL	TREE	N34° 43' 52.84"	W112° 03' 59.38"	22.8	3.933.1		TRIM/REMOVE
197904	CONICAL	TREE	N34° 43' 53.35"	W112° 04' 00.54"	27.1	3.937.4		TRIM/REMOVE
197912	CONICAL	TREE	N34° 43' 55.52"	W112° 04' 02.47"	47.1	3.957.4		TRIM/REMOVE
197920	CONICAL	TREE	N34° 43' 53.58"	W112° 04' 02.72"	55.9	3.966.2		TRIM/REMOVE
197928	CONICAL	TREE	N34° 43' 53.99"	W112° 04' 03.87"	78.1	3.988.4		TRIM/REMOVE
197936	CONICAL	TREE	N34° 43' 55.06"	W112° 04' 04.67"	89.6	3.999.9		TRIM/REMOVE
198408	CONICAL	TREE	N34° 43' 52.38"	W112° 04' 03.95"	46.6	3.956.9		TRIM/REMOVE
198416	CONICAL	TREE	N34° 43' 51.97"	W112° 04' 03.01"	33.0	3.943.3		TRIM/REMOVE
198424	CONICAL	TREE	N34° 43' 54.57"	W112° 04' 02.24"	49.2	3.959.5		TRIM/REMOVE
198432	CONICAL	TREE	N34° 43' 55.49"	W112° 04' 01.42"	33.0	3.943.3		TRIM/REMOVE
198440	CONICAL	TREE	N34° 43' 56.81"	W112° 04' 00.88"	14.5	3.924.8		TRIM/REMOVE
198448	CONICAL	TREE	N34° 43' 57.48"	W112° 04' 01.20"	19.2	3.929.5		TRIM/REMOVE
198456	CONICAL	TREE	N34° 43' 58.55"	W112° 04' 01.43"	31.9	3.942.2		TRIM/REMOVE
198464	CONICAL	TREE	N34° 43' 58.00"	W112° 04' 00.06"	7.4	3.917.7		TRIM/REMOVE
198704	CONICAL	TREE	N34° 44' 02.89"	W112° 04' 02.90"	1.1	3.911.4		TRIM/REMOVE
198712	CONICAL	TREE	N34° 44' 01.61"	W112° 04' 03.21"	16.8	3.927.1		TRIM/REMOVE
198720	CONICAL	TREE	N34° 44' 02.45"	W112° 04' 04.89"	9.6	3.919.9		TRIM/REMOVE
198728	CONICAL	TREE	N34° 44' 02.37"	W112° 04' 04.39"	6.2	3.916.5		TRIM/REMOVE
198744	CONICAL	TREE	N34° 44' 05.74"	W112° 04' 03.71"	2.7	3.913.0		TRIM/REMOVE
198752	CONICAL	TREE	N34° 44' 05.23"	W112° 04' 06.04"	21.9	3.932.2		TRIM/REMOVE
198760	CONICAL	TREE	N34° 44' 06.13"	W112° 04' 05.57"	18.4	3.928.7		TRIM/REMOVE
198768	CONICAL	TREE	N34° 44' 04.08"	W112° 04' 06.06"	7.8	3.918.1		TRIM/REMOVE
198792	CONICAL	TREE	N34° 44' 00.75"	W112° 04' 05.65"	49.5	3.959.8		TRIM/REMOVE
198800	CONICAL	TREE	N34° 44' 01.72"	W112° 04' 05.70"	30.6	3.940.9		TRIM/REMOVE
198808	CONICAL	TREE	N34° 44' 02.38"	W112° 04' 03.94"	7.0	3.917.3		TRIM/REMOVE
198816	CONICAL	TREE	N34° 44' 00.98"	W112° 04' 00.30"	16.5	3.926.8		TRIM/REMOVE
198824	CONICAL	TREE	N34° 44' 00.13"	W112° 04' 00.96"	39.8	3.950.1		TRIM/REMOVE
198832	CONICAL	TREE	N34° 43' 59.83"	W112° 04' 02.23"	57.5	3.967.8		TRIM/REMOVE
198840	CONICAL	TREE	N34° 43' 59.16"	W112° 04' 04.41"	72.9	3.983.2		TRIM/REMOVE
198848	CONICAL	TREE	N34° 43' 57.75"	W112° 04' 04.21"	76.3	3.986.6		TRIM/REMOVE
198856	CONICAL	TREE	N34° 43' 56.68"	W112° 04' 03.49"	64.5	3.974.8		TRIM/REMOVE
198864	CONICAL	TREE	N34° 43' 56.17"	W112° 04' 04.42"	81.8	3.992.1		TRIM/REMOVE
199176	CONICAL	TREE	N34° 43' 55.60"	W112° 03' 59.77"	18.7	3.929.0		TRIM/REMOVE
199184	CONICAL	TREE	N34° 43' 51.78"	W112° 04' 00.52"	22.9	3.933.2		TRIM/REMOVE
199192	CONICAL	TREE	N34° 43' 51.31"	W112° 04' 01.47"	21.6	3.932.0		TRIM/REMOVE
199200	CONICAL	TREE	N34° 43' 50.82"	W112° 03' 59.87"	13.4	3.923.7		TRIM/REMOVE
199208	CONICAL	TREE	N34° 43' 52.19"	W112° 03' 58.10"	19.7	3.930.0		TRIM/REMOVE
199224	CONICAL	TREE	N34° 43' 52.75"	W112° 03' 57.09"	10.9	3.921.2		TRIM/REMOVE</td



RUNWAY 14



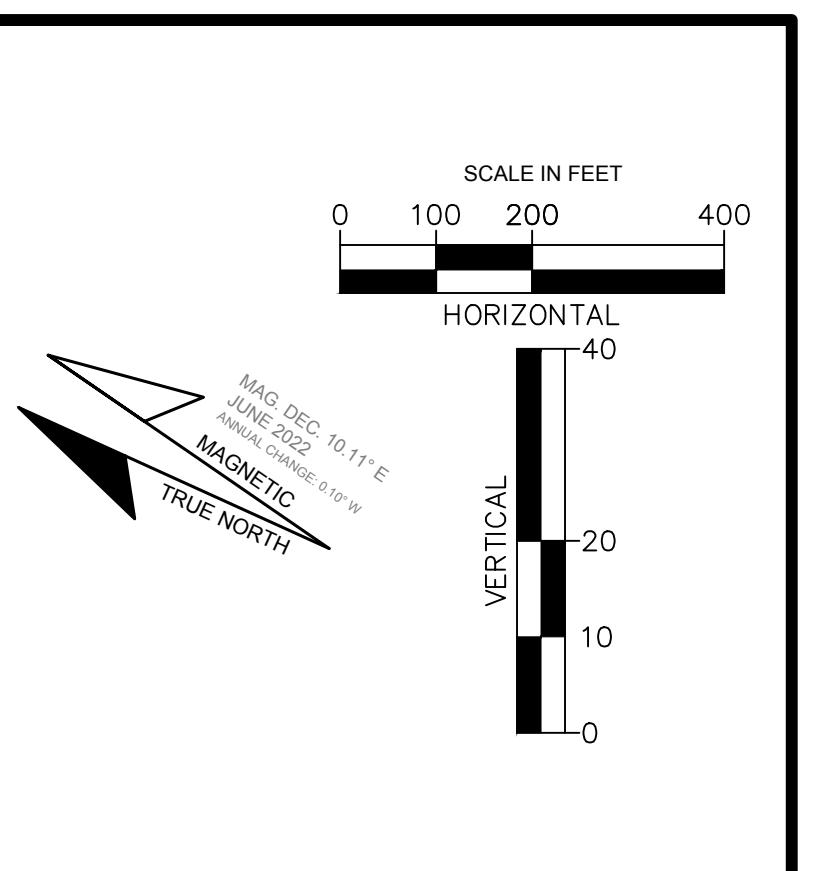
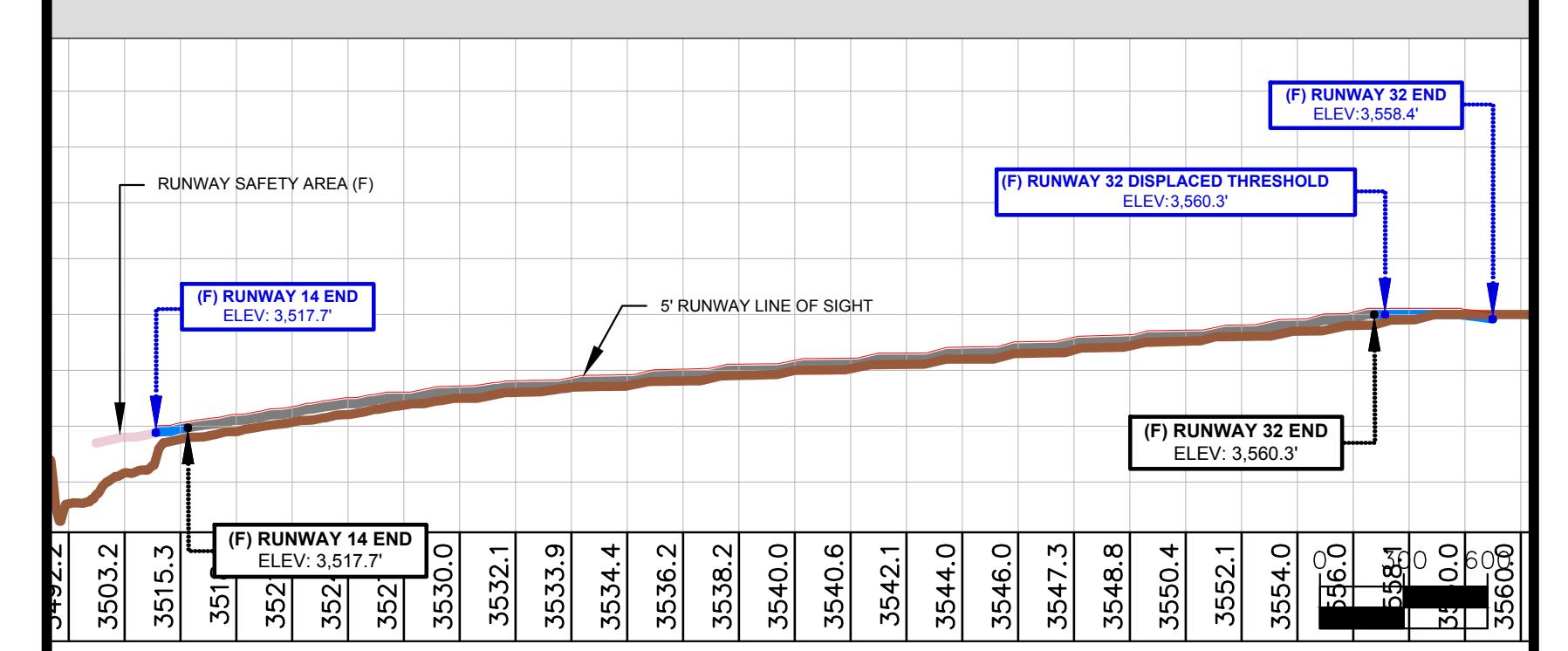
RUNWAY 32



LEGEND

DESCRIPTION	EXISTING	FUTURE	DESCRIPTION	EXISTING	FUTURE
PENETRATION	#	#	AIRCRAFT TIEDOWN (STANDARD)		
VEGETATION GROUP 1		SAME	AIRCRAFT TIEDOWN (ITINERANT)		
VEGETATION GROUP 2		SAME	AIRPORT PROPERTY LINE		SAME
VEGETATION GROUP 3		SAME	AIR OPERATIONS AREA (AOA) PERIMETER FENCE		
PART 77 APPROACH SURFACE			AOA PERIMETER FENCE REMOVAL	N/A	
THRESHOLD SITING: APPROACH SURFACE			AOA ACCESS GATE		
RUNWAY PROTECTION ZONE (RPZ)			AOA ACCES GATE REMOVAL	N/A	
RUNWAY SAFETY AREA (RSA)			PAVEMENT / BUILDING / FACILITY REMOVAL	N/A	
RUNWAY OBJECT FREE AREA (ROFA)			ON-AIRPORT BUILDINGS / STRUCTURES		
RUNWAY OBSTACLE FREE ZONE (ROFZ)			OFF-AIRPORT BUILDINGS / STRUCTURES		SAME
GROUND CONTOURS		SAME	COTTONWOOD AIRPARK		SAME
RUNWAY MARKINGS			WATER BODY / FEATURE		SAME
AIRFIELD PAVEMENT (APRON TWY RWY BLAST PAD)			TREE		SAME

RUNWAY CENTERLINE PROFILE



NOTES

- COORDINATE DATA - HORIZONTAL: NORTH AMERICAN DATUM OF 1983, ARIZONA STATE PLANE COORDINATE SYSTEM, CENTRAL ZONE, INTERNATIONAL SURVEY FEET. VERTICAL: NORTH AMERICAN DATUM OF 1988 (NAVD 88).
- AIRPORTS GEOGRAPHIC INFORMATION SYSTEM (AGIS) SURVEY PERFORMED JULY 2020.
- COMPOSITE GROUND PROFILE DATA SOURCED FROM USGS TNM DOWNLOAD (V2.0) TOOL (ACCESSED AUGUST 2022).
- COMPOSITE GROUND PROFILE REPRESENTS THE HIGHEST TERRAIN ACROSS THE WIDTH AND ALONG THE LENGTH OF THE PART 7 APPROACH SURFACES.
- AIRPORT DESIGN STANDARDS BASED ON FAA ADVISORY CIRCULAR 150/5300-13A, CHANGE 1.
- THRESHOLD SITING APPROACH SURFACE BASED ON ENGINEERING BRIEF NO. 99A.
- FUTURE AIRPORT FACILITIES ARE DENOTED ON THE FACILITIES LIST ON SHEET 4 - AIRPORT LAYOUT PLAN DRAWING (FUTURE).
- TRAVESEWAY ELEVATIONS ARE SHOWN IN THE PLAN VIEW ALONG THE EXTENDED RUNWAY CENTERLINE AND THE EDGES OF THE EXISTING PART 77 APPROACH SURFACES; TRAVESEWAY ELEVATIONS ARE SHOWN ON THE PROFILE VIEW ALONG THE EXTENDED RUNWAY CENTERLINE WITHIN THE EXISTING PART 77 APPROACH SURFACES.
- TRAVESEWAY ELEVATION OBSTRUCTIONS AND PLAN VIEW LABELS INCLUDE THE FOLLOWING ADJUSTMENTS: PRIVATE ROADS: 10'; PUBLIC ROADS: 15'. NO INTERSTATE HIGHWAYS OR RAILROADS ARE LOCATED IN THE IMMEDIATE VICINITY OF THE AIRPORT.
- OBJECTS DISPLAYED IN VEGETATION GROUPS REPRESENT THE TOP 25% TALLEST OBSTACLES WITHIN EACH GROUP. COMPREHENSIVE LISTS OF OBSTACLES WITHIN EACH VEGETATION GROUP ARE INCLUDED ON SHEET 8 - INNER PORTION OF THE APPROACH SURFACE DRAWING OBSTACLE TABLES.



COTTONWOOD MUNICIPAL AIRPORT

COTTONWOOD, AZ

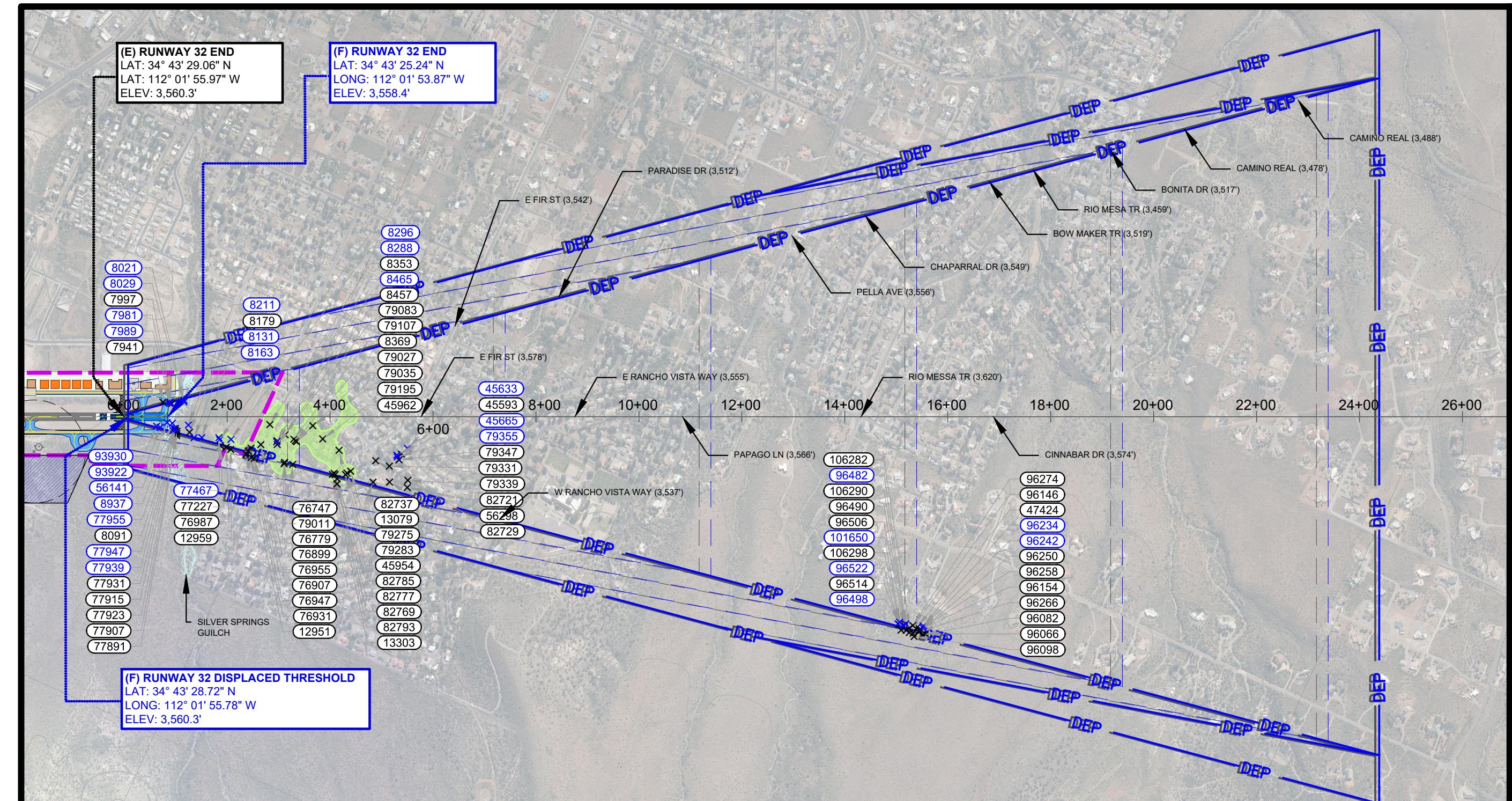
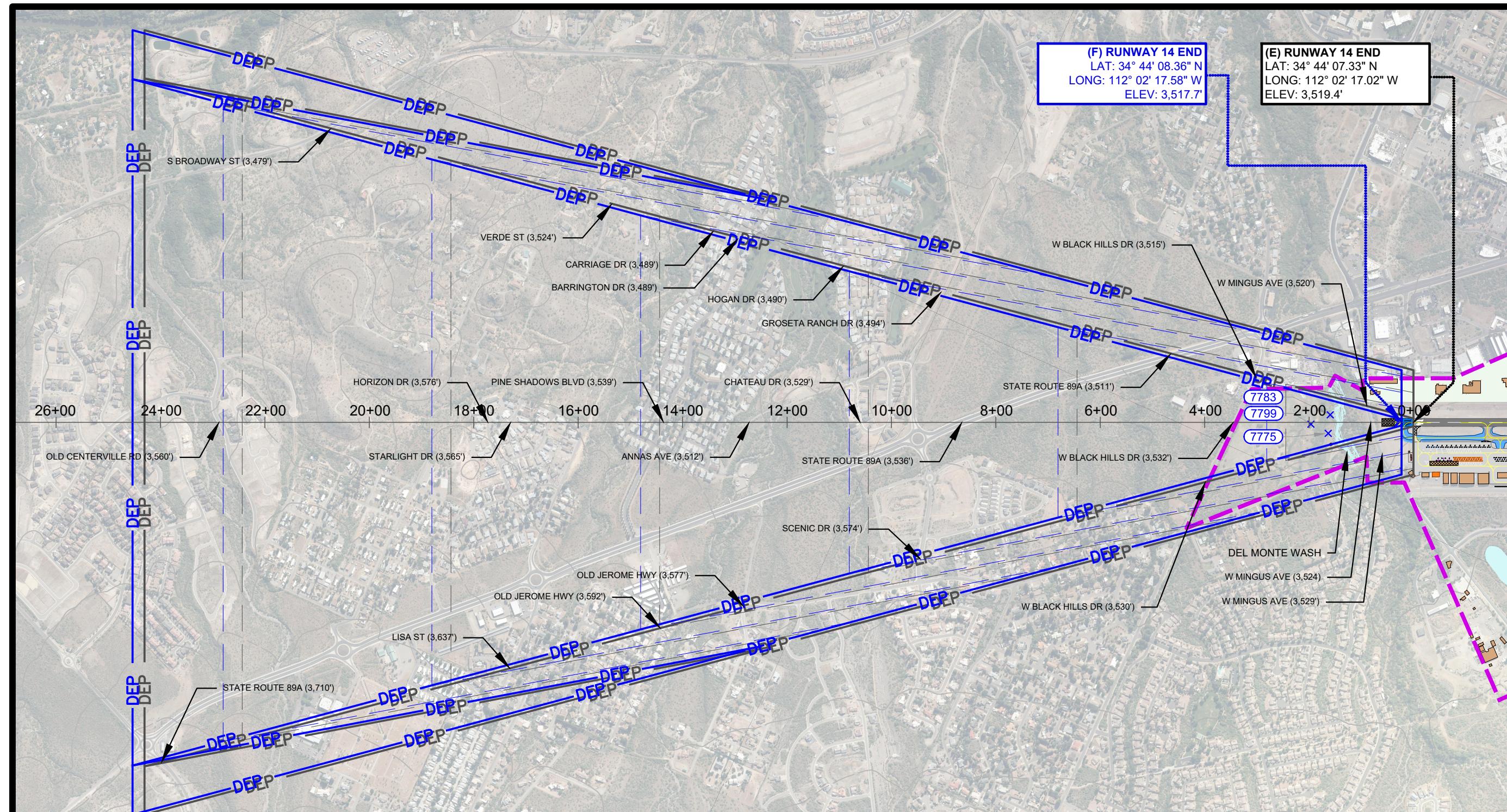
PENETRATIONS - RUNWAY 14

POINT ID	DESCRIPTION	LATITUDE	LONGITUDE	SURFACE PENETRATION(S)	OBSTRUCTION PEN VALUE (EX)	OBSTRUCTION PEN VALUE (FUT)	OBSTRUCTION ELEVATION (MSL)	OBSTRUCTION ELEVATION (AGL)	PROPOSED DISPOSITION
7711	FENCE	N34° 44' 09.20"	W112° 02' 20.26"	RWY 14 P77 APP (E)	2.9	N/A	3,526.5	6.6	REMOVE/LOWER/PROVIDE OL
9110	TREE	N34° 44' 11.71"	W112° 02' 16.03"	RWY 14 P77 APP (E)	14.7	N/A	3,542.6		TRIM/REMOVE
45508	ROAD - PUBLIC	N34° 44' 09.51"	W112° 02' 21.07"	RWY 14 P77 APP (E), RWY 14 P77 APP (F)	4.6	12.0	3,531.0	15.0	DNH
45516	ROAD - PUBLIC	N34° 44' 10.18"	W112° 02' 20.21"	RWY 14 P77 APP (E), RWY 14 P77 APP (F)	N/A	5.1	3,525.7	15.0	DNH
7735	TREE	N34° 44' 12.38"	W112° 02' 22.82"	RWY 14 P77 APP (F)	N/A	0.7	3,536.0		TRIM/REMOVE
65337	TREE	N34° 44' 11.28"	W112° 02' 16.89"	RWY 14 P77 APP (F)	N/A	2.6	3,522.5		TRIM/REMOVE
65345	TREE	N34° 44' 11.31"	W112° 02' 17.16"	RWY 14 P77 APP (F)	N/A	0.5	3,521.0		TRIM/REMOVE
65353	TREE	N34° 44' 11.50"	W112° 02' 17.30"	RWY 14 P77 APP (F)	N/A	0.8	3,522.4		TRIM/REMOVE
65361	TREE	N34° 44' 11.30"	W112° 02' 17.79"	RWY 14 P77 APP (F)	N/A	2.9	3,524.5		TRIM/REMOVE
65369	TREE	N34° 44' 11.17"	W112° 02' 17.71"	RWY 14 P77 APP (F)	N/A	2.2	3,523.0		TRIM/REMOVE
65385	TREE	N34° 44' 10.87"	W112° 02' 18.03"	RWY 14 P77 APP (F)	N/A	0.4	3,520.4		TRIM/REMOVE
65401	TREE	N34° 44' 10.65"	W112° 02' 18.36"	RWY 14 P77 APP (F)	N/A	2.3	3,521.9		TRIM/REMOVE
65425	TREE	N34° 44' 10.31"	W112° 02' 18.94"	RWY 14 P77 APP (F)	N/A	1.6	3,520.5		TRIM/REMOVE
65433	TREE	N34° 44' 10.28"	W112° 02' 19.15"	RWY 14 P77 APP (F)	N/A	2.1	3,521.3		TRIM/REMOVE
65441	TREE	N34° 44' 10.26"	W112° 02' 19.41"	RWY 14 P77 APP (F)	N/A	2.9	3,522.5		TRIM/REMOVE
65449	POST	N34° 44' 10.04"	W112° 02' 19.33"	RWY 14 P77 APP (F)	N/A	3.0	3,521.4	6.3	TRIM/REMOVE
75136	TREE	N34° 44' 09.73"	W112° 02' 21.53"	RWY 14 P77 APP (F)	N/A	3.3	3,524.1		TRIM/REMOVE
75200	TREE	N34° 44' 11.29"	W112° 02' 20.39"	RWY 14 P77 APP (F)	N/A	0.3	3,526.4		TRIM/REMOVE
75520	TREE	N34° 44' 12.25"	W112° 02' 23.22"	RWY 14 P77 APP (F)	N/A	2.9	3,538.3		TRIM/REMOVE

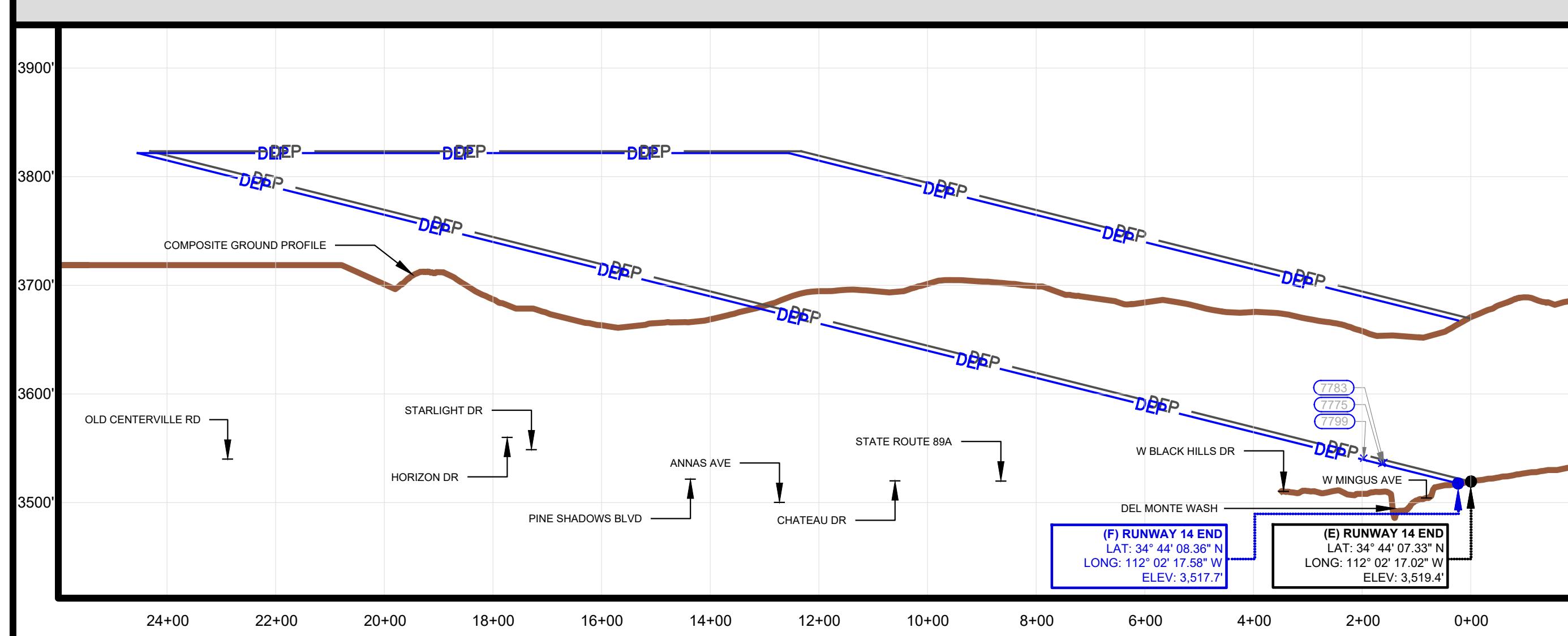
PENETRATIONS - RUNWAY 32

POINT ID	DESCRIPTION	LATITUDE	LONGITUDE	SURFACE PENETRATION(S)	OBSTRUCTION PEN VALUE (EX)	OBSTRUCTION PEN VALUE (FUT)	OBSTRUCTION ELEVATION (MSL)	OBSTRUCTION ELEVATION (AGL)	PROPOSED DISPOSITION
7941	TREE	N34° 43' 26.25"	W112° 01' 52.58"	RWY 32 - P77 APP (E), RWY 32 - TSS (E), RWY 32 - TSS (F)	4.7	6.7	3,573.8		TRIM/REMOVE
7949	TREE	N34° 43' 26.27"	W112° 01' 52.77"	RWY 32 - TSS (F)	N/A	1.5	3,568.3		TRIM/REMOVE
7957	TREE	N34° 43' 26.17"	W112° 01' 52.11"	RWY 32 - TSS (F)	N/A	1.9	3,570.2		TRIM/REMOVE
7965	TREE	N34° 43' 26.03"	W112° 01' 52.18"	RWY 32 - P77 APP (E), RWY 32 - TSS (E), RWY 32 - TSS (F)	0.5	2.4	3,571.3		TRIM/REMOVE
7973	TREE	N34° 43' 26.34"	W112° 01' 52.12"	RWY 32 - TSS (F)	N/A	0.8	3,568.3		TRIM/REMOVE
7989	TREE	N34° 43' 25.61"	W112° 01' 52.38"	RWY 32 - TSS (F)	N/A	0.7	3,571.1		TRIM/REMOVE
7997	TREE	N34° 43' 25.42"	W112° 01' 52.28"	RWY 32 - TSS (F)	N/A	0.7	3,572.2		TRIM/REMOVE
8091	TREE	N34° 43' 24.09"	W112° 01' 54.91"	RWY 32 - TSS (F)	N/A	1.4	3,574.5		TRIM/REMOVE
8345	TREE	N34° 43' 16.76"	W112° 01' 52.34"	RWY 32 - P77 APP (F)	N/A	1.0	3,591.1		TRIM/REMOVE
8353	TREE	N34° 43' 16.01"	W112° 01' 49.79"	RWY 32 - P77 APP (F)	N/A	11.0	3,609.0		TRIM/REMOVE
8369	TREE	N34° 43' 13.33"	W112° 01' 50.19"	RWY 32 - P77 APP (E), RWY 32 - P77 APP (F), RWY 32 - TSS (E), RWY 32 - TSS (F)	0.1	23.2 2.0	3,632.8		TRIM/REMOVE
8457	ANTENNA	N34° 43' 14.73"	W112° 01' 51.16"	RWY 32 - P77 APP (F)	N/A	1.3	3,602.8	34.0	PROVIDE OL
10534	HANGAR	N34° 43' 26.75"	W112° 01' 51.15"	RWY 32 - P77 APP (E)	7.8	N/A	3,577.1	23.6	PROVIDE OL
12951	TREE	N34° 43' 16.90"	W112° 01' 54.09"	RWY 32 - P77 APP (E)	16.2	N/A	3,625.7		TRIM/REMOVE
12959	TREE	N34° 43' 18.45"	W112° 01' 54.32"	RWY 32 - P77 APP (E), RWY 32 - TSS (E), RWY 32 - TSS (F)	1.4	3.3	3,603.4		TRIM/REMOVE
45858	TREE	N34° 43' 15.93"	W112° 01' 48.87"	RWY 32 - P77 APP (F)	N/A	3.2	3,603.1		TRIM/REMOVE
45866	TREE	N34° 43' 15.96"	W112° 01' 49.56"	RWY 32 - P77 APP (F)	N/A	6.3	3,604.9		TRIM/REMOVE
45954	TREE	N34° 43' 08.93"	W112° 01' 49.19"	RWY 32 - P77 APP (F)	N/A	3.6	3,635.1		TRIM/REMOVE
45962	TREE	N34° 43' 10.81"	W112° 01' 48.78"	RWY 32 - P77 APP (F)	N/A	1.6	3,625.2		TRIM/REMOVE
64361	FENCE	N34° 43' 28.02"	W112° 01' 52.77"	RWY 32 - P77 APP (E), RWY 32 - TSS (E)	0.6	N/A	3,561.1	6.1	REMOVE/LOWER/PROVIDE OL
66672	TREE	N34° 43' 27.80"	W112° 01' 53.16"	RWY 32 - P77 APP (E), RWY 32 - TSS (E)	5.6	N/A	3,566.6		TRIM/REMOVE
66680	TREE	N34° 43' 27.90"	W112° 01' 53.12"	RWY 32 - P77 APP (E), RWY 32 - TSS (E)	5.9	N/A	3,566.5		TRIM/REMOVE
66688	TREE	N34° 43' 27.61"	W112° 01' 52.90"	RWY 32 - P77 APP (E), RWY 32 - TSS (E), RWY 32 - TSS (F)	6.2	8.1	3,568.4		TRIM/REMOVE
66696	TREE	N34° 43' 27.43"	W112° 01' 53.07"	RWY 32 - P77 APP (E), RWY 32 - TSS (E), RWY 32 - TSS (F)	4.9	6.8	3,567.7		TRIM/REMOVE
66704	TREE	N34° 43' 27.50"	W112° 01' 53.26"	RWY 32 - P77 APP (E), RWY 32 - TSS (E)	12.0	N/A	3,574.1		TRIM/REMOVE
66712	TREE	N34° 43' 27.20"	W112° 01' 53.07"	RWY 32 - P77 APP (E), RWY 32 - TSS (E), RWY 32 - TSS (F)	7.7	9.6	3,571.5		TRIM/REMOVE
66720	TREE	N34° 43' 27.19"	W112° 01' 52.94"	RWY 32 - P77 APP (E), RWY 32 - TSS (E), RWY 32 - TSS (F)	4.0	5.9	3,568.2		TRIM/REMOVE
66728	TREE	N34° 43' 27.25"	W112° 01' 52.65"	RWY 32 - P77 APP (E), RWY 32 - TSS (E), RWY 32 - TSS (F)	4.6	6.5	3,568.9		TRIM/REMOVE
66736	TREE	N34° 43' 27.06"	W112° 01' 52.47"	RWY 32 - TSS (F)	N/A	1.8	3,565.5		TRIM/REMOVE
66744	TREE	N34° 43' 27.00"	W112° 01' 52.66"	RWY 32 - P77 APP (E), RWY 32 - TSS (E), RWY 32 - TSS (F)	1.2	3.1	3,566.7		TRIM/REMOVE
66752	TREE	N34° 43' 26.89"	W112° 01' 52.47"	RWY 32 - P77 APP (E), RWY 32 - TSS (E), RWY 32 - TSS (F)	1.3	3.2	3,567.6		TRIM/REMOVE
66760	TREE	N34° 43' 26.88"	W112° 01' 52.67"	RWY 32 - TSS (F)	N/A	0.5	3,564.6		TRIM/REMOVE
66768	TREE	N34° 43' 26.78"	W112° 01' 52.98"	RWY 32 - TSS (F)	N/A	0.9	3,565.0		TRIM/REMOVE
71224	GROUND	N34° 43' 26.52"	W112° 01' 56.72"	RWY 32 - P77 APP (E), RWY 32 - TSS (E)	4.8	N/A	3,565.5		DNH
76851	TREE	N34° 43' 16.57"	W112° 01' 51.04"	RWY 32 - P77 APP (F)	N/A	11.0	3,604.2		TRIM/REMOVE
76891	TREE	N34° 43' 15.89"	W112° 01' 52.09"	RWY 32 - P77 APP (F)	N/A	0.9	3,595.5		TRIM/REMOVE
76899	TREE	N34° 43' 16.00"	W112° 01' 52.35"	RWY 32 - P77 APP (F)	N/A	12.2	3,605.7		TRIM/REMOVE
76907	TREE	N34° 43' 16.72"	W112° 01' 53.20"	RWY 32 - P77 APP (E), RWY 32 - P					

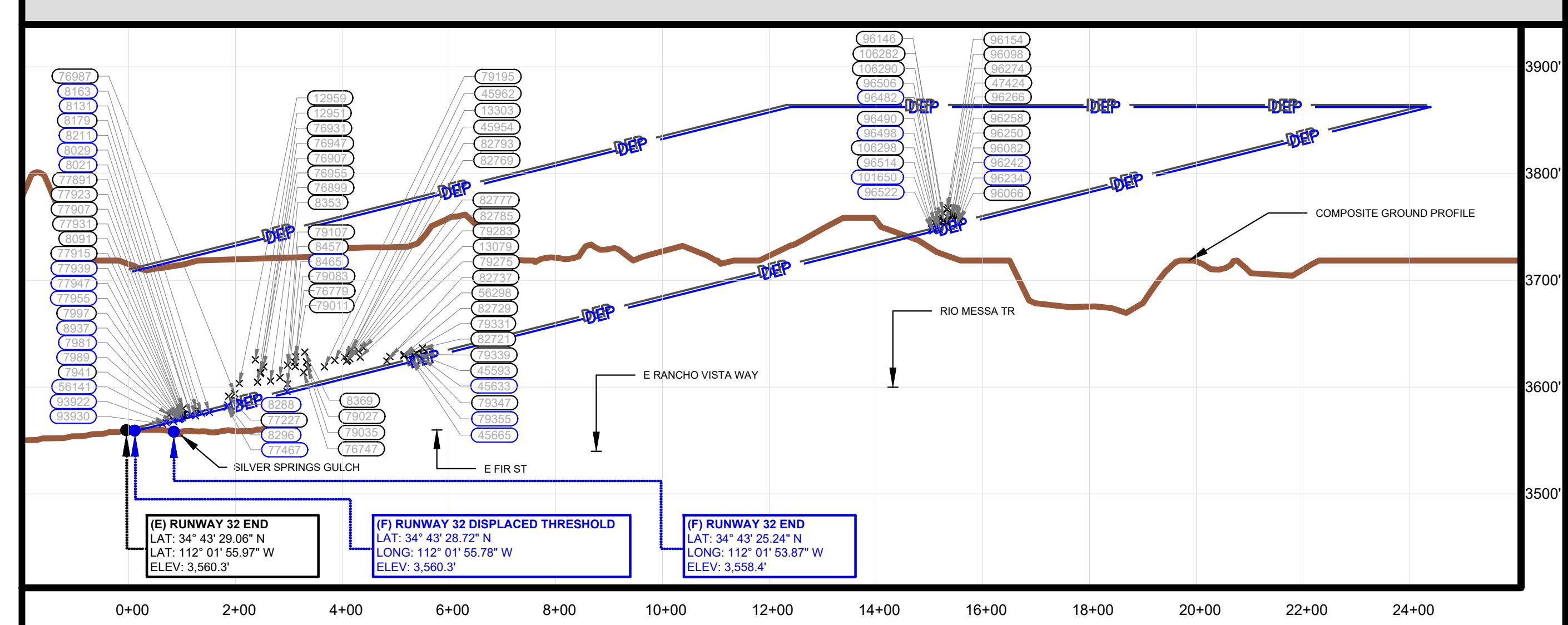
PENETRATIONS - RUNWAY 32 (CONTINUED)										
POINT ID	DESCRIPTION	LATITUDE	LONGITUDE	SURFACE PENETRATION(S)	OBSTRUCTION PEN VALUE (EX)	OBSTRUCTION PEN VALUE (FUT)	OBSTRUCTION ELEVATION (MSL)	OBSTRUCTION ELEVATION (AGL)	PROPOSED DISPOSITION	
VEGETATION GROUP 1 (CONT.)										
93722	SCRUB	N34° 43' 26.12"	W112° 01' 57.16"	RWY 32 - P77 APP (E)	10.5	N/A	3,572.3		TRIM/REMOVE	
93730	SCRUB	N34° 43' 25.45"	W112° 01' 57.30"	RWY 32 - P77 APP (E)	8.8	N/A	3,573.4		TRIM/REMOVE	
93754	TREE	N34° 43' 25.16"	W112° 01' 57.14"	RWY 32 - P77 APP (E)	11.4	N/A	3,577.6		TRIM/REMOVE	
93770	SCRUB	N34° 43' 25.18"	W112° 01' 56.98"	RWY 32 - P77 APP (E)	6.5	N/A	3,572.9		TRIM/REMOVE	
93778	SCRUB	N34° 43' 25.63"	W112° 01' 57.21"	RWY 32 - P77 APP (E)	6.5	N/A	3,570.5		TRIM/REMOVE	
93786	TREE	N34° 43' 25.55"	W112° 01' 57.10"	RWY 32 - P77 APP (E)	9.0	N/A	3,573.5		TRIM/REMOVE	
93802	SCRUB	N34° 43' 25.50"	W112° 01' 56.31"	RWY 32 - P77 APP (E), RWY 32 - TSS (E), RWY 32 - TSS (F)	6.8	8.7	3,572.9		TRIM/REMOVE	
93810	SCRUB	N34° 43' 25.50"	W112° 01' 56.42"	RWY 32 - P77 APP (E), RWY 32 - TSS (E), RWY 32 - TSS (F)	7.5	9.4	3,573.4		TRIM/REMOVE	
93818	SCRUB	N34° 43' 25.38"	W112° 01' 56.47"	RWY 32 - P77 APP (E), RWY 32 - TSS (E), RWY 32 - TSS (F)	6.8	8.7	3,573.2		TRIM/REMOVE	
93826	SCRUB	N34° 43' 25.35"	W112° 01' 56.55"	RWY 32 - P77 APP (E), RWY 32 - TSS (E), RWY 32 - TSS (F)	5.8	7.7	3,572.2		TRIM/REMOVE	
93834	SCRUB	N34° 43' 25.23"	W112° 01' 56.57"	RWY 32 - P77 APP (E), RWY 32 - TSS (E), RWY 32 - TSS (F)	3.8	5.7	3,570.7		TRIM/REMOVE	
93842	SCRUB	N34° 43' 25.08"	W112° 01' 56.78"	RWY 32 - P77 APP (E)	3.7	N/A	3,570.9		TRIM/REMOVE	
93850	SCRUB	N34° 43' 24.72"	W112° 01' 56.66"	RWY 32 - P77 APP (E)	4.4	N/A	3,573.4		TRIM/REMOVE	
93858	SCRUB	N34° 43' 24.62"	W112° 01' 56.94"	RWY 32 - P77 APP (E)	1.6	N/A	3,570.7		TRIM/REMOVE	
93866	SCRUB	N34° 43' 24.32"	W112° 01' 56.90"	RWY 32 - P77 APP (E)	1.8	N/A	3,572.3		TRIM/REMOVE	
93874	SCRUB	N34° 43' 24.39"	W112° 01' 56.81"	RWY 32 - P77 APP (E)	2.0	N/A	3,572.3		TRIM/REMOVE	
93906	SCRUB	N34° 43' 26.58"	W112° 01' 56.48"	RWY 32 - P77 APP (E), RWY 32 - TSS (E), RWY 32 - TSS (F)	5.9	N/A	3,566.8		TRIM/REMOVE	
93914	SCRUB	N34° 43' 26.30"	W112° 01' 56.28"	RWY 32 - P77 APP (E), RWY 32 - TSS (E), RWY 32 - TSS (F)	3.7	5.6	3,566.1		TRIM/REMOVE	
VEGETATION GROUP 2										
8045	TREE	N34° 43' 22.19"	W112° 01' 51.07"	RWY 32 - P77 APP (F)	N/A	5.9	3,573.2		TRIM/REMOVE	
8131	TREE	N34° 43' 22.11"	W112° 01' 54.83"	RWY 32 - P77 APP (F)	N/A	14.6	3,575.8		TRIM/REMOVE	
8139	TREE	N34° 43' 22.27"	W112° 01' 55.16"	RWY 32 - P77 APP (F)	N/A	17.5	3,577.4		TRIM/REMOVE	
8147	TREE	N34° 43' 22.05"	W112° 01' 55.27"	RWY 32 - P77 APP (F)	N/A	14.8	3,575.5		TRIM/REMOVE	
8155	TREE	N34° 43' 21.31"	W112° 01' 54.90"	RWY 32 - P77 APP (F)	N/A	11.8	3,576.5		TRIM/REMOVE	
8163	TREE	N34° 43' 21.45"	W112° 01' 54.45"	RWY 32 - P77 APP (F)	N/A	11.6	3,576.4		TRIM/REMOVE	
8171	TREE	N34° 43' 21.57"	W112° 01' 54.63"	RWY 32 - P77 APP (F)	N/A	9.4	3,573.4		TRIM/REMOVE	
8179	TREE	N34° 43' 22.73"	W112° 01' 54.47"	RWY 32 - P77 APP (F)	N/A	20.0	3,578.9		TRIM/REMOVE	
56165	TREE	N34° 43' 22.23"	W112° 01' 54.88"	RWY 32 - P77 APP (F)	N/A	12.7	3,573.2		TRIM/REMOVE	
78187	TREE	N34° 43' 24.31"	W112° 01' 50.08"	RWY 32 - P77 APP (F)	N/A	9.3	3,568.5		TRIM/REMOVE	
78195	TREE	N34° 43' 23.93"	W112° 01' 50.59"	RWY 32 - P77 APP (F)	N/A	7.7	3,567.9		TRIM/REMOVE	
78227	TREE	N34° 43' 23.92"	W112° 01' 51.32"	RWY 32 - P77 APP (F)	N/A	5.7	3,564.6		TRIM/REMOVE	
78243	TREE	N34° 43' 23.63"	W112° 01' 51.40"	RWY 32 - P77 APP (F)	N/A	8.1	3,568.2		TRIM/REMOVE	
78251	TREE	N34° 43' 23.37"	W112° 01' 52.10"	RWY 32 - P77 APP (F)	N/A	5.9	3,566.0		TRIM/REMOVE	
78259	TREE	N34° 43' 23.06"	W112° 01' 52.19"	RWY 32 - P77 APP (F)	N/A	5.1	3,566.5		TRIM/REMOVE	
78267	TREE	N34° 43' 23.20"	W112° 01' 52.34"	RWY 32 - P77 APP (F)	N/A	7.1	3,567.5		TRIM/REMOVE	
78275	TREE	N34° 43' 23.36"	W112° 01' 52.60"	RWY 32 - P77 APP (F)	N/A	5.6	3,564.9		TRIM/REMOVE	
78283	TREE	N34° 43' 23.06"	W112° 01' 52.58"	RWY 32 - P77 APP (F)	N/A	7.7	3,568.4		TRIM/REMOVE	
78291	TREE	N34° 43' 23.10"	W112° 01' 52.93"	RWY 32 - P77 APP (F)	N/A	9.9	3,569.8		TRIM/REMOVE	
78547	TREE	N34° 43' 22.01"	W112° 01' 52.11"	RWY 32 - P77 APP (F)	N/A	2.2	3,568.6		TRIM/REMOVE	
78555	TREE	N34° 43' 22.09"	W112° 01' 51.91"	RWY 32 - P77 APP (F)	N/A	3.7	3,570.0		TRIM/REMOVE	
78563	TREE	N34° 43' 22.32"	W112° 01' 51.49"	RWY 32 - P77 APP (F)	N/A	2.6	3,568.6		TRIM/REMOVE	
78571	TREE	N34° 43' 22.16"	W112° 01' 50.80"	RWY 32 - P77 APP (F)	N/A	3.1	3,571.0		TRIM/REMOVE	
78579	TREE	N34° 43' 22.32"	W112° 01' 50.58"	RWY 32 - P77 APP (F)	N/A	0.8	3,568.4		TRIM/REMOVE	
78587	TREE	N34° 43' 22.57"	W112° 01' 50.56"	RWY 32 - P77 APP (F)	N/A	1.3	3,567.6		TRIM/REMOVE	
79515	SCRUB	N34° 43' 21.34"	W112° 01' 55.22"	RWY 32 - P77 APP (F)	N/A	8.5	3,572.6		TRIM/REMOVE	
79683	SCRUB	N34° 43' 22.35"	W112° 01' 55.56"	RWY 32 - P77 APP (F)	N/A	14.6	3,573.4		TRIM/REMOVE	
79691	SCRUB	N34° 43' 21.92"	W112° 01' 55.32"	RWY 32 - P77 APP (F)	N/A	12.4	3,573.6		TRIM/REMOVE	
79699	SCRUB	N34° 43' 22.00"	W112° 01' 55.37"	RWY 32 - P77 APP (F)	N/A	13.2	3,573.9		TRIM/REMOVE	
79723	SCRUB	N34° 43' 21.78"	W112° 01' 54.98"	RWY 32 - P77 APP (F)	N/A	7.6	3,570.0		TRIM/REMOVE	
79731	SCRUB	N34° 43' 22.42"	W112° 01' 55.45"	RWY 32 - P77 APP (F)	N/A	12.4	3,571.1		TRIM/REMOVE	
79739	SCRUB	N34° 43' 22.59"	W112° 01' 54.14"	RWY 32 - P77 APP (F)	N/A	9.9	3,570.1		TRIM/REMOVE	
79747	SCRUB	N34° 43' 22.78"	W112° 01' 54.26"	RWY 32 - P77 APP (F)	N/A	11.7	3,570.8		TRIM/REMOVE	
79755	SCRUB	N34° 43' 22.40"	W112° 01' 54.21"	RWY 32 - P77 APP (F)	N/A	7.8	3,568.7		TRIM/REMOVE	
79763	TREE	N34° 43' 22.68"	W112° 01' 53.46"	RWY 32 - P77 APP (F)	N/A	9.3	3,570.3		TRIM/REMOVE	
79771	TREE	N34° 43' 23.22"	W112° 01' 53.46"	RWY 32 - P77 APP (F)	N/A	12.3	3,570.7		TRIM/REMOVE	
79779	SCRUB	N34° 43' 22.88"	W112° 01' 52.76"	RWY 32 - P77 APP (F)	N/A	4.2	3,565.4		TRIM/REMOVE	
79787	SCRUB	N34° 43' 23.10"	W112° 01' 53.16"	RWY 32 - P77 APP (F)	N/A	7.3	3,566.8		TRIM/REMOVE	
79795	SCRUB	N34° 43' 23.21"	W112° 01' 53.09"	RWY 32 - P77 APP (F)	N/A	7.3	3,566.4		TRIM/REMOVE	
79835	SCRUB	N34° 43' 23.26"	W112° 01' 53.28"	RWY 32 - P77 APP (F)	N/A	9.7	3,568.3		TRIM/REMOVE	
79851	SCRUB	N34° 43' 23.17"	W112° 01' 53.26"	RWY 32 - P77 APP (F)	N/A	8.0	3,567.0		TRIM/REMOVE	
79859	SCRUB	N34° 43' 23.07"	W112° 01' 53.36"	RWY						



RUNWAY 14



RUNWAY 32

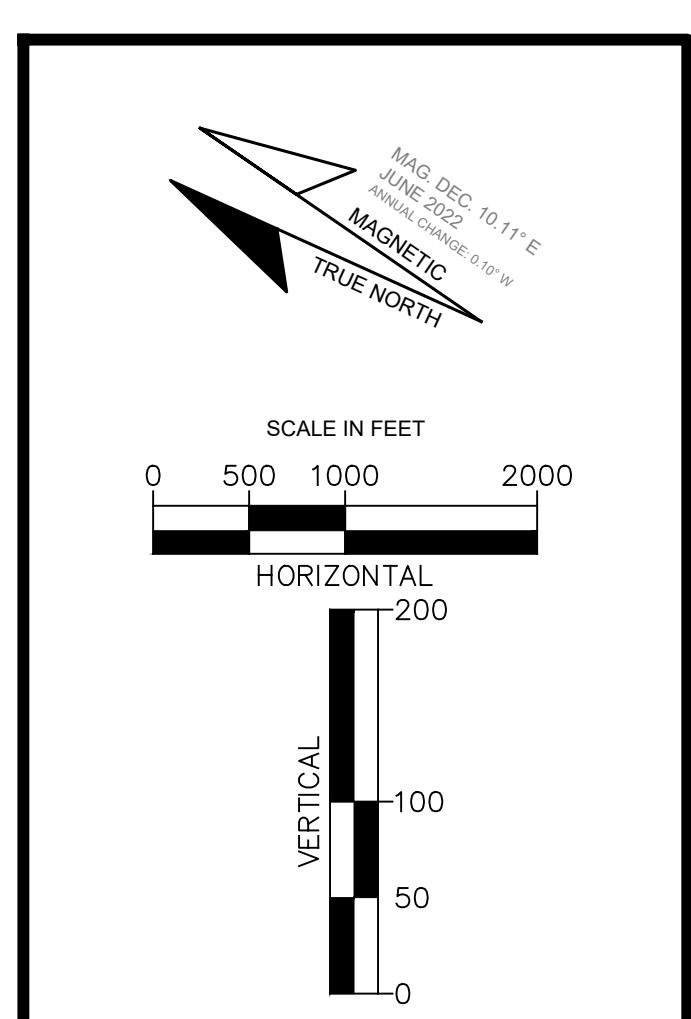


LEGEND

DESCRIPTION	EXISTING	FUTURE	DESCRIPTION	EXISTING	FUTURE	DESCRIPTION	EXISTING	FUTURE
PENETRATION	#	#	AIRFIELD PAVEMENT (APRON TWY RWY BLAST PAD)	  	  	ON-AIRPORT BUILDINGS / STRUCTURES		
VEGETATION GROUP 4		SAME	AIRCRAFT TIEDOWN (STANDARD)	 	 	OFF-AIRPORT BUILDINGS / STRUCTURES		SAME
PART 77 APPROACH SURFACE			AIRCRAFT TIEDOWN (ITINERANT)	 	 	COTTONWOOD AIRPARK		SAME
GROUND CONTOURS		SAME	AIRPORT PROPERTY LINE	   	SAME	WATER BODY / FEATURE		SAME
RUNWAY MARKINGS			PAVEMENT / BUILDING / FACILITY REMOVAL	N/A	 			

DEPARTURE SURFACE PENETRATIONS - RUNWAY 14

POINT ID	DESCRIPTION	LATITUDE	LONGITUDE	SURFACE PENETRATION(S)	OBSTRUCTION PEN VALUE (EX)	OBSTRUCTION PEN VALUE (FUT)	OBSTRUCTION ELEVATION (MSL)	OBSTRUCTION ELEVATION (AGL)	PROPOSED DISPOSITION
7775	TREE	N34° 44' 14.25"	W112° 02' 22.21"	RWY 14 - DEP (F)	N/A	0.9	3,536.2		TRIM/REMOVE
7783	TREE	N34° 44' 14.81"	W112° 02' 20.17"	RWY 14 - DEP (F)	N/A	2.1	3,536.9		TRIM/REMOVE
7799	TREE	N34° 44' 16.11"	W112° 02' 22.07"	RWY 14 - DEP (F)	N/A	1.5	3,540.9		TRIM/REMOVE



OTES

1. COORDINATE DATA - **HORIZONTAL**: NORTH AMERICAN DATUM OF 1983, ARIZONA STATE PLANE COORDINATE SYSTEM, CENTRAL ZONE, INTERNATIONAL SURVEY FEET. **VERTICAL**: NORTH AMERICAN DATUM OF 1988 (NAVD 88).
2. AIRPORTS GEOGRAPHIC INFORMATION SYSTEM (AGIS) SURVEY PERFORMED JULY 2020.
3. ALL HEIGHTS SHOWN IN FEET.
4. COMPOSITE GROUND PROFILE DATA SOURCED FROM USGS TNM DOWNLOAD (v2.0) TOOL (ACCESSED AUGUST 2022).
5. COMPOSITE GROUND PROFILE REPRESENTS THE HIGHEST TERRAIN ACROSS THE WIDTH AND ALONG THE LENGTH OF THE DEPARTURE SURFACES.
6. AIRPORT DESIGN STANDARDS BASED ON FAA ADVISORY CIRCULAR 150/5300-13A, CHANGE 1.
7. DEPARTURE SURFACE BASED ON ENGINEERING BRIEF NO. 99A.
8. FUTURE AIRPORT FACILITIES ARE DENOTED ON THE FACILITIES LIST ON SHEET 4 - AIRPORT LAYOUT PLAN DRAWING (FUTURE).
9. TRAVERSEWAY ELEVATIONS ARE SHOWN ON THE PLAN VIEW ALONG THE EXTENDED RUNWAY CENTERLINE AND THE SECTION 1 EDGES OF THE EXISTING DEPARTURE SURFACES; TRAVERSEWAY ELEVATIONS ARE SHOWN ON THE PROFILE VIEW ALONG THE EXTENDED RUNWAY CENTERLINE WITHIN THE EXISTING DEPARTURE SURFACES.
10. TRAVERSEWAY ELEVATION OBSTRUCTIONS AND PLAN VIEW LABELS INCLUDE THE FOLLOWING ADJUSTMENTS: PRIVATE ROADS: 10', PUBLIC ROADS: 15'. NO INTERSTATE HIGHWAYS OR RAILROADS ARE LOCATED IN THE IMMEDIATE VICINITY OF THE AIRPORT.
11. OBJECTS DISPLAYED IN VEGETATION GROUP 4 REPRESENT THE TOP 25% TALLEST OBSTACLES IN THE GROUP. A COMPREHENSIVE LIST OF OBSTACLES WITHIN VEGETATION GROUP 4 IS INCLUDED ON SHEET 12 - DEPARTURE SURFACE OBSTACLES - RUNWAY 32. COMPREHENSIVE LISTS OF OBSTACLES WITHIN VEGETATION GROUPS 1 THROUGH 3 ARE INCLUDED ON SHEET 8 - INNER PORTION OF THE APPROACH SURFACE DRAWING OBSTRUCTION TABLES.
12. OBSTRUCTION HEIGHT ABOVE GROUND LEVEL PROVIDED WHERE AVAILABLE.
13. DEFINITIONS: PEN = PENETRATION; MSL = MEAN SEA LEVEL; AGL = ABOVE GROUND LEVEL; OL = OBSTRUCTION LIGHTING; DNH = DETERMINATION OF NO HAZARD
14. OBSTRUCTIONS TO RUNWAY 32 DEPARTURE SURFACE LISTED ON SHEET 12.

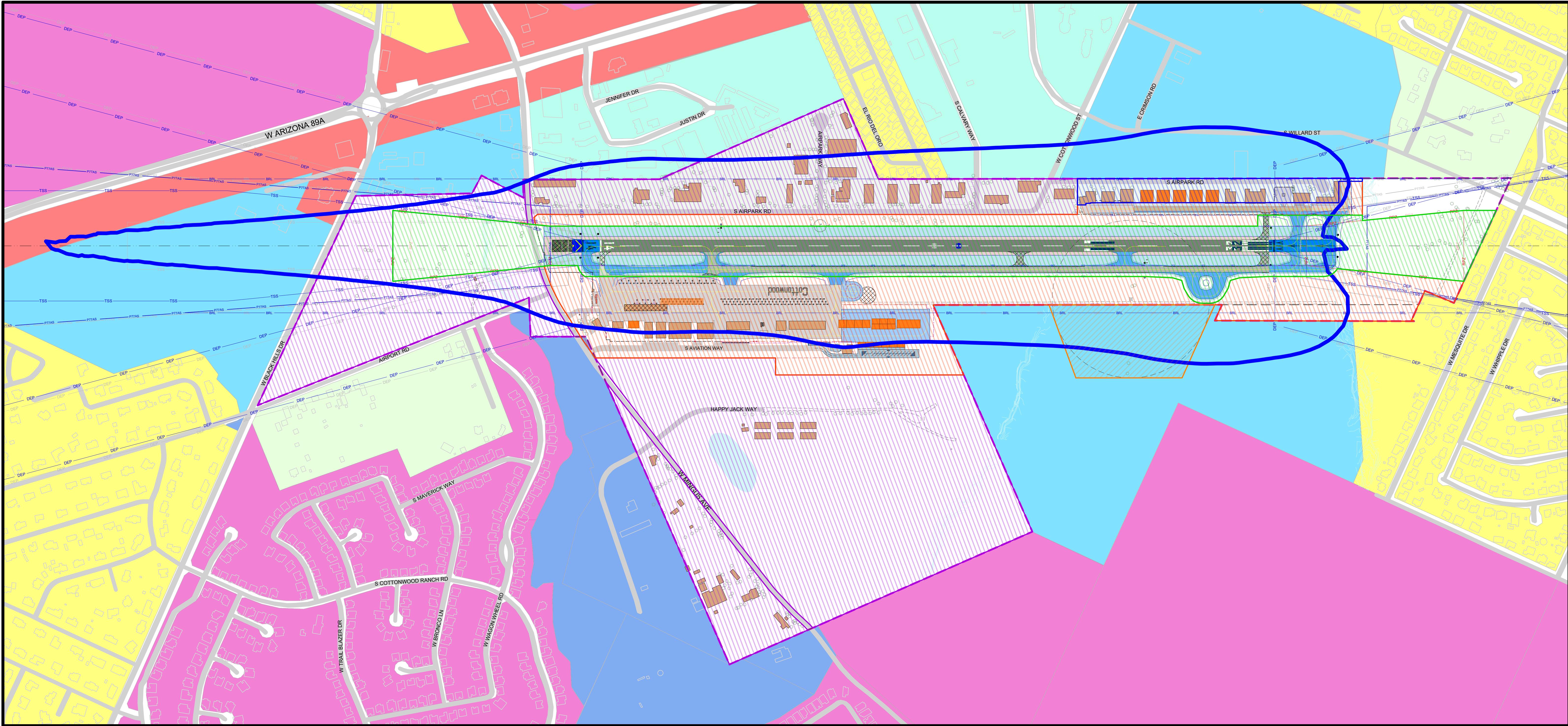


COTTONWOOD MUNICIPAL AIRPORT

COTTONWOOD, AZ

DEPARTURE SURFACE PENETRATIONS - RUNWAY 32

POINT ID	DESCRIPTION	LATITUDE	LONGITUDE	SURFACE PENETRATION(S)	OBSTRUCTION PEN VALUE (EX)	OBSTRUCTION PEN VALUE (FUT)	OBSTRUCTION ELEVATION (MSL)	OBSTRUCTION ELEVATION (AGL)	PROPOSED DISPOSITION
7941	TREE	N34° 43' 26.25"	W112° 01' 52.58"	RWY 32 - DEP (E), RWY 32 - DEP (F)	3.4	0.6	3,573.8		TRIM/REMOVE
7981	TREE	N34° 43' 25.64"	W112° 01' 52.20"	RWY 32 - DEP (F)		0.7	3,570.7		TRIM/REMOVE
7998	TREE	N34° 43' 25.61"	W112° 01' 52.38"	RWY 32 - DEP (F)		2.7	3,571.1		TRIM/REMOVE
7997	TREE	N34° 43' 25.42"	W112° 01' 52.28"	RWY 32 - DEP (E), RWY 32 - DEP (F)	0.3	3.2	3,572.2		TRIM/REMOVE
8021	TREE	N34° 43' 24.49"	W112° 01' 51.35"	RWY 32 - DEP (F)		2.2	3,574.2		TRIM/REMOVE
8029	TREE	N34° 43' 24.43"	W112° 01' 51.53"	RWY 32 - DEP (F)		2.5	3,574.4		TRIM/REMOVE
8091	TREE	N34° 43' 24.09"	W112° 01' 54.91"	RWY 32 - DEP (E), RWY 32 - DEP (F)	1.9	4.7	3,574.5		TRIM/REMOVE
8131	TREE	N34° 43' 22.11"	W112° 01' 54.83"	RWY 32 - DEP (F)		0.5	3,575.8		TRIM/REMOVE
8163	TREE	N34° 43' 21.45"	W112° 01' 54.45"	RWY 32 - DEP (F)		0.2	3,576.4		TRIM/REMOVE
8179	TREE	N34° 43' 22.73"	W112° 01' 54.47"	RWY 32 - DEP (E), RWY 32 - DEP (F)	2.8	5.6	3,578.9		TRIM/REMOVE
8211	TREE	N34° 43' 23.12"	W112° 01' 53.76"	RWY 32 - DEP (F)		0.2	3,573.2		TRIM/REMOVE
8288	TREE	N34° 43' 18.82"	W112° 01' 53.23"	RWY 32 - DEP (F)		0.7	3,584.1		TRIM/REMOVE
8296	TREE	N34° 43' 19.80"	W112° 01' 53.82"	RWY 32 - DEP (F)		2.7	3,583.3		TRIM/REMOVE
8457	ANTENNA	N34° 43' 14.73"	W112° 01' 51.16"	RWY 32 - DEP (E), RWY 32 - DEP (F)	5.3	8.2	3,602.8	34.0	REMOVE/LOWER
8465	ANTENNA	N34° 43' 14.72"	W112° 01' 51.30"	RWY 32 - DEP (F)		1.5	3,596.0	26.9	REMOVE/LOWER
8937	TREE	N34° 43' 24.60"	W112° 01' 54.34"	RWY 32 - DEP (F)		0.7	3,569.9		TRIM/REMOVE
45593	TREE	N34° 43' 03.34"	W112° 01' 46.59"	RWY 32 - DEP (E), RWY 32 - DEP (F)	4.2	7.0	3,631.8		TRIM/REMOVE
45633	TREE	N34° 43' 03.03"	W112° 01' 45.70"	RWY 32 - DEP (F)		0.5	3,626.7		TRIM/REMOVE
45665	TREE	N34° 43' 03.68"	W112° 01' 46.93"	RWY 32 - DEP (F)		1.2	3,624.9		TRIM/REMOVE
47424	TREE	N34° 43' 11.31"	W112° 01' 40.10"	RWY 32 - DEP (E), RWY 32 - DEP (F)	8.0	10.9	3,761.1		TRIM/REMOVE
56141	TREE	N34° 43' 25.08"	W112° 01' 54.52"	RWY 32 - DEP (F)		0.2	3,566.1		TRIM/REMOVE
56298	TREE	N34° 43' 05.31"	W112° 01' 48.53"	RWY 32 - DEP (E), RWY 32 - DEP (F)	7.3	10.1	3,628.7		TRIM/REMOVE
76987	TREE	N34° 43' 18.93"	W112° 01' 54.30"	RWY 32 - DEP (E), RWY 32 - DEP (F)	8.8	8.0	3,593.8		TRIM/REMOVE
77227	TREE	N34° 43' 19.49"	W112° 01' 54.42"	RWY 32 - DEP (E), RWY 32 - DEP (F)	7.9	6.8	3,591.5		TRIM/REMOVE
77487	TREE	N34° 43' 19.95"	W112° 01' 53.64"	RWY 32 - DEP (F)		0.8	3,581.3		TRIM/REMOVE
77891	TREE	N34° 43' 23.73"	W112° 01' 55.44"	RWY 32 - DEP (E), RWY 32 - DEP (F)	4.3	1.5	3,580.0		TRIM/REMOVE
77907	TREE	N34° 43' 23.78"	W112° 01' 55.22"	RWY 32 - DEP (E), RWY 32 - DEP (F)	0.6	1.2	3,573.7		TRIM/REMOVE
77915	TREE	N34° 43' 23.98"	W112° 01' 55.17"	RWY 32 - DEP (E), RWY 32 - DEP (F)	0.3	3.1	3,573.0		TRIM/REMOVE
77923	TREE	N34° 43' 23.86"	W112° 01' 54.97"	RWY 32 - DEP (E), RWY 32 - DEP (F)	1.4	4.3	3,574.6		TRIM/REMOVE
77931	TREE	N34° 43' 24.04"	W112° 01' 55.01"	RWY 32 - DEP (E), RWY 32 - DEP (F)	1.4	4.3	3,574.1		TRIM/REMOVE
77939	TREE	N34° 43' 24.11"	W112° 01' 54.74"	RWY 32 - DEP (F)		1.7	3,571.6		TRIM/REMOVE
77947	TREE	N34° 43' 24.23"	W112° 01' 54.84"	RWY 32 - DEP (F)		1.2	3,570.7		TRIM/REMOVE
77955	TREE	N34° 43' 24.25"	W112° 01' 55.08"	RWY 32 - DEP (F)		0.9	3,570.3		TRIM/REMOVE
79331	TREE	N34° 43' 03.90"	W112° 01' 48.45"	RWY 32 - DEP (E), RWY 32 - DEP (F)	4.6	7.5	3,629.4		TRIM/REMOVE
79339	TREE	N34° 43' 03.73"	W112° 01' 49.06"	RWY 32 - DEP (E), RWY 32 - DEP (F)	1.4	4.2	3,630.6		TRIM/REMOVE
79347	TREE	N34° 43' 03.31"	W112° 01' 47.31"	RWY 32 - DEP (E), RWY 32 - DEP (F)	3.2	6.1	3,630.3		TRIM/REMOVE
79355	TREE	N34° 43' 03.58"	W112° 01' 47.08"	RWY 32 - DEP (F)		2.6	3,626.4		TRIM/REMOVE
82721	TREE	N34° 43' 01.49"	W112° 01' 49.85"	RWY 32 - DEP (E), RWY 32 - DEP (F)	7.5	10.4	3,636.6		TRIM/REMOVE
82729	TREE	N34° 43' 03.25"	W112° 01' 50.12"	RWY 32 - DEP (E), RWY 32 - DEP (F)	5.7	8.6	3,630.5		TRIM/REMOVE
82737	TREE	N34° 43' 04.69"	W112° 01' 50.93"	RWY 32 - DEP (E), RWY 32 - DEP (F)	3.7	6.5	3,624.4		TRIM/REMOVE
82785	TREE	N34° 43' 07.97"	W112° 01' 52.29"	RWY 32 - DEP (E), RWY 32 - DEP (F)	11.2	8.4	3,626.7		TRIM/REMOVE
82793	TREE	N34° 43' 07.78"	W112° 01' 52.85"	RWY 32 - DEP (E)	0.2		3,632.1		TRIM/REMOVE
93922	SCRUB	N34° 43' 25.49"	W112° 01' 55.37"	RWY 32 - DEP (F)		0.6	3,566.8		TRIM/REMOVE
93930	SCRUB	N34° 43' 25.84"	W112° 01' 55.42"	RWY 32 - DEP (F)		0.2	3,565.5		TRIM/REMOVE
93966	TREE	N34° 42' 10.35"	W112° 01' 40.44"	RWY 32 - DEP (E), RWY 32 - DEP (F)	0.8	2.2	3,755.7		TRIM/REMOVE
96082	TREE	N34° 42' 10.54"	W112° 01' 40.66"	RWY 32 - DEP (E), RWY 32 - DEP (F)	3.9	1.1	3,758.9		TRIM/REMOVE
96098	TREE	N34° 42' 11.23"	W112° 01' 41.25"	RWY 32 - DEP (E)		2.7	3,768.0		TRIM/REMOVE
96146	TREE	N34° 42' 11.81"	W112° 01' 41.06"	RWY 32 - DEP (E), RWY 32 - DEP (F)	7.6	4.9	3,763.3		TRIM/REMOVE
96154	TREE	N34° 42' 11.45"	W112° 01' 40.96"	RWY 32 - DEP (E), RWY 32 - DEP (F)	10.4	7.6	3,766.4		TRIM/REMOVE
96234	TREE	N34° 42' 10.85"	W112° 01' 39.68"	RWY 32 - DEP (F)		0.8	3,752.4		TRIM/REMOVE
96242	TREE	N34° 42' 10.85"	W112° 01' 39.87"	RWY 32 - DEP (F)		2.3	3,753.8		TRIM/REMOVE
96250	TREE	N34° 42' 10.85"	W112° 01' 40.22"	RWY 32 - DEP (E), RWY 32 - DEP (F)	6.4	9.3	3,760.4		TRIM/REMOVE
96258	TREE	N34° 42' 11.03"	W112° 01' 40.35"	RWY 32 - DEP (E), RWY 32 - DEP (F)	7.7	10.6	3,761.2		TRIM/REMOVE
96266	TREE	N34° 42' 10.98"	W112° 01' 40.53"	RWY 32 - DEP (E), RWY 32 - DEP (F)	7.4	9.9	3,760.8		TRIM/REMOVE
96274	TREE	N34° 42' 11.79"	W112° 01' 40.13"	RWY 32 - DEP (E), RWY 32 - DEP (F)	2.3	5.2	3,754.2		TRIM/REMOVE
96482	TREE	N34° 42' 12.46"	W112° 01' 40.31"	RWY 32 - DEP (F)		0.5	3,747.8		TRIM/REMOVE
96490	TREE	N34° 42' 12.50"	W112° 01' 40.50"	RWY 32 - DEP (E), RWY 32 - DEP (F)	0.9	3.8	3,750.9		TRIM/REMOVE
96498	TREE	N34° 42' 12.63"	W112° 01' 40.58"	RWY 32 - DEP (F)		2.6	3,749.3		TRIM/REMOVE
96506	TREE	N34° 42' 12.46"	W112° 01' 40.71"	RWY 32 - DEP (E), RWY 32 - DEP (F)	5.0	7.9	3,754.9		TRIM/REMOVE
96514	TREE	N34° 42' 13.01"	W112° 01' 40.70"	RWY 32 - DEP (E), RWY 32 - DEP (F)	0.7	3.5	3,749.3		TRIM/REMOVE
96522	TREE	N34° 42' 13.14"	W112° 01' 40.69"	RWY 32 - DEP (F)		2.7	3,748.2		TRIM/REMOVE
101650	TREE	N34° 42' 13.08"	W112° 01' 40.42"	RWY 32 - DEP (F)		0.6	3,746.4</		



FACILITIES LEGEND

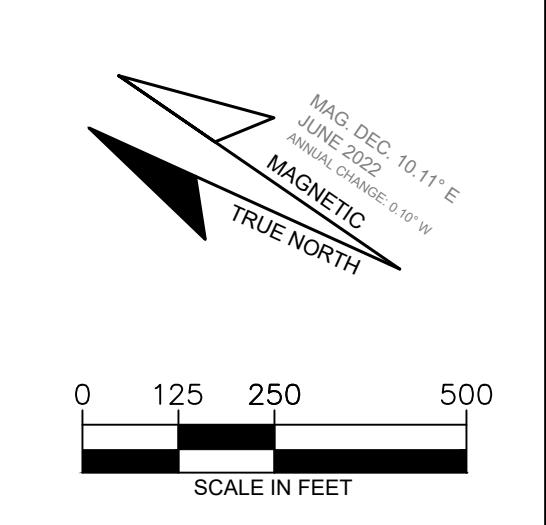
DESCRIPTION	EXISTING	FUTURE	DESCRIPTION	EXISTING	FUTURE	DESCRIPTION	EXISTING	FUTURE
AIRPORT REFERENCE POINT (ARP)	●	●	GROUND CONTOURS	—	—	TAXIWAY / TAXILANE OBJECT FREE AREA (TOFA)	— TOFA —	— TOFA —
WINDCONE	SAME	SAME	HOLD LINE	—	—	HELICOPTER OPERATING AREA SAFETY AREA	NOT SHOWN	—
RUNWAY END IDENTIFIER LIGHTS (REILS)	●	●	BUILDING RESTRICTION LINE (BRL)	— BRL —	SAME	AIRFIELD PAVEMENT (APRON TWY RWY BLAST PAD)	— BRL —	— BRL —
PRECISION APPROACH PATH INDICATOR (PAPI-2L)	SAME	SAME	THRESHOLD SITTING: APPROACH SURFACE	— TSS —	— TSS —	ROADWAY / VEHICLE PARKING - PAVED	—	—
PAPI POWER CONTROL UNIT (PCU)	●	●	THRESHOLD SITTING: DEPARTURE SURFACE	— DEP —	— DEP —	ROADWAY - GRAVEL / UNPAVED	—	—
AIRCRAFT TIEDOWN (STANDARD)	—	—	PART 77 APPROACH SURFACE	— P77AS —	— P77AS —	PAVEMENT / BUILDING / FACILITY REMOVAL	N/A	—
AIRCRAFT TIEDOWN (ITINERANT)	—	—	RUNWAY PROTECTION ZONE (RPZ)	— RPZ —	— RPZ —	ON-AIRPORT BUILDINGS / STRUCTURES	—	—
AIRCRAFT TIEDOWN (ELECTRIC CHARGING STATION)	N/A	—	RUNWAY SAFETY AREA (RSA)	— RSA —	— RSA —	OFF-AIRPORT BUILDINGS / STRUCTURES	—	SAME
AIRPORT PROPERTY LINE	—	—	RUNWAY OBJECT FREE AREA (ROFA)	— ROFA —	— ROFA —	COTTONWOOD AIRPORT	—	SAME
AIR OPERATIONS AREA (AOA) PERIMETER FENCE	— x — x —	— x — x —	RUNWAY OBSTACLE FREE ZONE (ROFZ)	— ROFZ —	— ROFZ —	CITY EASEMENT FOR AWOS CRITICAL AREA	N/A	—
AOA PERIMETER FENCE REMOVAL	N/A	—	RUNWAY MARKINGS	—	—	WATER BODY / FEATURE	—	SAME
AOA ACCESS GATE	—	—	TAXIWAY / TAXILANE CENTERLINES	NOT SHOWN	—	TREE	—	SAME
AOA ACES GATE REMOVAL	N/A	—	TAXIWAY / TAXILANE SAFETY AREA (TSA)	— TSA —	— TSA —	—	—	—

LAND USE LEGEND

DESCRIPTION	SYMBOLIC
FUTURE NOISE CONTOUR - 65 DNL	—
ON-AIRPORT - AIRFIELD OPERATIONS	—
ON-AIRPORT - GENERAL AVIATION	—
ON-AIRPORT - AVIATION BUSINESS	—
ON-AIRPORT - FUTURE EASEMENT (AWOS CRITICAL AREA)	—
ON-AIRPORT - NON-AERONAUTICAL DEVELOPMENT	—
OFF-AIRPORT - RESIDENTIAL/VERY LOW DENSITY	—
OFF-AIRPORT - RESIDENTIAL/LOW DENSITY	—
OFF-AIRPORT - PLANNED DEVELOPMENT	—
OFF-AIRPORT - GENERAL COMMERCIAL	—
OFF-AIRPORT - COMMERCIAL/INDUSTRIAL	—
OFF-AIRPORT - INDUSTRIAL	—
OFF-AIRPORT - PUBLIC/SEMI-PUBLIC/INSTITUTIONAL	—

NOTES

- AIRPORTS GEOGRAPHIC INFORMATION SYSTEM (AGIS) SURVEY PERFORMED JULY 2020.
- OFF-AIRPORT LAND USE SHOWN IS EXISTING AS OF OCT 2022.
- OFF-AIRPORT LAND USE SHOWN PRESENTS EXISTING PLANNED AND UTILITY DEVELOPMENT.
- DNL = DAY-NIGHT AVERAGE SOUND LEVEL IS USED TO REFLECT A PERSON'S INDIVIDUAL EXPOSURE TO SOUND OVER A 24-HOUR PERIOD, EXPRESSED AS NOISE LEVEL FOR A 100% OF THE YEAR ON THE BASIS OF ANNUAL AIRCRAFT OPERATIONS.
- NO SCHOOLS, PARKS, OR OTHER PUBLIC FACILITIES IN THE IMMEDIATE VICINITY OF THE AIRPORT.



COTTONWOOD MUNICIPAL AIRPORT
COTTONWOOD, AZ

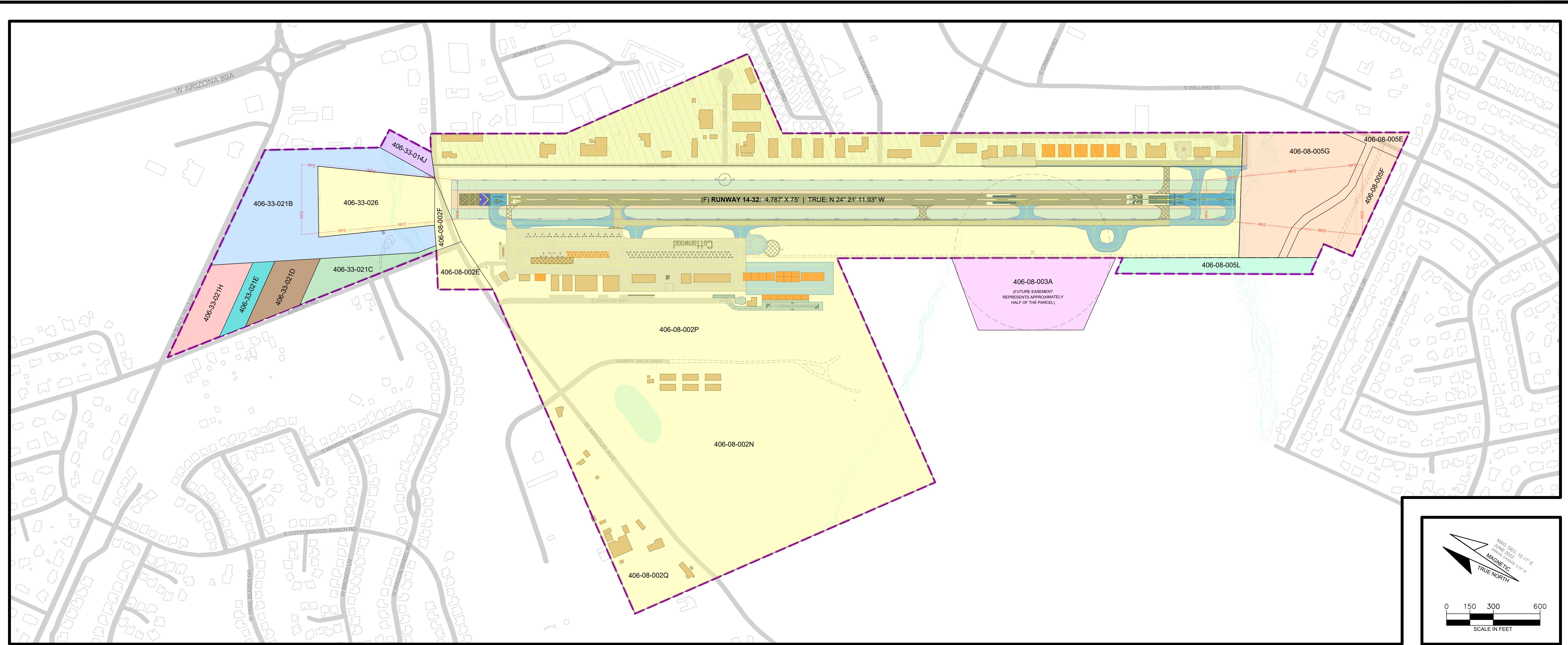
5				
4				
3				
2				
1	MAY 2024	FUTURE LOCATION OF SEGMENTED CIRCLE WITH LIGHTED WIND CONE UPDATED.	REVISIONS	SSS CBW BY APPR.
NO.	DATE			

Kimley Horn
© 2022 KIMLEY-HORN AND ASSOCIATES, INC.
767 EUSTIS ST. SUITE #100
ST PAUL, MN 55114
(651) 645-4197

FAA DISCLAIMER
THE CONTENTS OF THIS PLAN DO NOT NECESSARILY REFLECT THE OFFICIAL VIEWS OR POLICY OF THE FEDERAL AVIATION ADMINISTRATION (FAA). ACCEPTANCE OF THIS DOCUMENT 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 LAW.

LAND USE DRAWING

JOB NO.	291447000	DRAWN	KH	CHECKED	CBW
DATE:	DECEMBER 2022	DESIGNED	JTC	APPROVED	CBW



AIRPORT PARCEL INFORMATION										
MAP SYMBOL	PARCEL ID	SECTION-TOWNSHIP-RANGE	ACREAGE	DATE OF ACQUISITION	INTEREST REQUIREMENT	CONVEYANCE INSTRUMENT	GRANTOR	FEDERAL PROJECT NO.	DEED RECORDING (BOOK-PAGE)	PURPOSE OF ACQUISITION
	406-08-002	VARIOUS	202.60	MAY 16, 1976	FEES SIMPLE	WARRANTY DEED	YAVAPAI COUNTY	FAAAP #9-02-0004-C305	508-435	AERONAUTICAL USE
	406-08-002N	S33-T16N-R03E, S04-T15N-R03E	49.07							
	406-08-002Q	S05-T15N-R03E, S33-T16N-R03E, S04-T15N-R03E	10.53							
	406-08-002P	S33-T16N-R03E, S04-T15N-R03E	99.95							
	406-08-002E	S33-T16N-R03E	1.03							
	406-08-002F	S33-T16N-R03E	0.38							
	406-33-026	S33-T16N-R03E	6.24							
	406-08-002Q	VARIOUS (COTTONWOOD AIRPORT)	35.40							
	406-33-021B	S33-T16N-R03E	15.41	JULY 19, 1977	FEES SIMPLE	WARRANTY DEED	SELNA & MONGINI INVESTMENTS	FAA ADAP #01 (1976)	1086-671	AERONAUTICAL USE
	406-33-014J	S33-T16N-R03E	1.00	JULY 3, 2006	FEES SIMPLE	WARRANTY DEED	BOAST, JACK JR. & POLLOCK, ADRIAN R.	FAA AIP #09 (2004)	4412-832	AERONAUTICAL USE
	406-33-021C	S33-T16N-R03E	2.92	MAY, 21, 1990	FEES SIMPLE	WARRANTY DEED	HALL, LESTER L. & JACQUELINE L.; MILLAR, DONALD R.	FAA ADAP #01 (1990)	2253-12	AERONAUTICAL USE
	406-08-005	S04-T15N-R03E	15.30	JULY 19, 1977	FEES SIMPLE	SPECIAL WARRANTY DEED	ARIZONA TITLE INSURANCE AND TRUST CO.	FAA ADAP #01 (1976)	1086-674	AERONAUTICAL USE
	406-08-005F	S04-T15N-R03E	3.11							
	406-08-005G	S04-T15N-R03E	9.48							
	406-08-005E	S04-T15N-R03E	0.25							
	406-33-021D	S33-T16N-R03E	2.08	JUNE 13, 1995	FEES SIMPLE	WARRANTY DEED	AMERICAN LEGION VERDE VALLEY #25	N/A	3029-91	AERONAUTICAL USE
	406-33-021E	S33-T16N-R03E	1.00	JUNE 13, 1995	FEES SIMPLE	WARRANTY DEED	AMERICAN LEGION VERDE VALLEY #25	N/A	3029-91	AERONAUTICAL USE
	406-33-021H	S33-T16N-R03E	4.22	NOVEMBER 20, 1995	FEES SIMPLE	WARRANTY DEED	SELNA & MONGINI INVESTMENTS	N/A	3112-741	AERONAUTICAL USE
	406-08-005L	S04-T15N-R03E	2.96	AUGUST 20, 2007	FEES SIMPLE	WARRANTY DEED	BEAVER CREEK DEVELOPMENT CO.	FAA AIP #10 (2004)	4532-876	AERONAUTICAL USE
	406-08-003A	S04-T15N-R03E (APPROX. HALF OF PARCEL)	9.19							EASEMENT (AWOS CRITICAL AREA)

LEGEND		
DESCRIPTION	EXISTING	FUTURE
AIRPORT PROPERTY LINE		SAME
AIRCRAFT TIEDOWN (STANDARD)		
AIRCRAFT TIEDOWN (ITINERANT)		
AIRCRAFT TIEDOWN (ELECTRIC CHARGING STATION)	N/A	
RUNWAY PROTECTION ZONE (RPZ)		
RUNWAY SAFETY AREA (RSA)		
RUNWAY OBJECT FREE AREA (ROFA)		
RUNWAY OBSTACLE FREE ZONE (ROFZ)		
RUNWAY MARKINGS		
TAXIWAY / TAXILANE CENTERLINES	NOT SHOWN	
HELICOPTER OPERATING AREA SAFETY AREA	NOT SHOWN	
AIRFIELD PAVEMENT (APRON TWY RWY BLAST PAD)		
ROADWAY / VEHICLE PARKING - PAVED		
ROADWAY - GRAVEL / UNPAVED		
PAVEMENT / BUILDING / FACILITY REMOVAL	N/A	
ON-AIRPORT BUILDINGS / STRUCTURES		
OFF-AIRPORT BUILDINGS / STRUCTURES		SAME
COTTONWOOD AIRPORT		SAME
CITY EASEMENT FOR AWOS CRITICAL AREA	N/A	
WATER BODY / FEATURE		SAME

1. INFORMATION OBTAINED FROM THE 2020 P22 ALP AND THE YAVAPAI COUNTY RECORDER'S OFFICE (ACCESSED OCTOBER 2022).
 2. BASE MAP SOURCED FROM AIRPORTS GEOGRAPHIC INFORMATION SYSTEM (AGIS) SURVEY PERFORMED JULY 2020 AND THE YAVAPAI COUNTY GIS MAPPING APPLICATION (ACCESSED OCTOBER 2022).
 3. SOME PARCELS HAVE BEEN SUBDIVIDED SINCE THE TIME OF AIRPORT ACQUISITION.
 4. THE AIRPORT PROPERTY LINE IS THE EXISTING AIRPORT PROPERTY LINE.
 5. FUTURE AWOS CRITICAL AREA EASEMENT ON PARCEL 406-08-003A OCCUPIES 0.1 ACRES. THE PARCELS TOTAL ACREAGE IS 18.37.
 6. COTTONWOOD AIRPORT HAS BEEN SUBDIVIDED INTO THE FOLLOWING PARCELS (AS OF OCTOBER 2022): 406-08-002H, 406-08-29, 406-08-30, 406-08-31, 406-08-32, 406-08-33, 406-08-34, 406-08-35, 406-08-36, 406-08-37, 406-08-38, 406-08-39, 406-08-40, 406-08-41, 406-08-42, 406-08-43, 406-08-44, 406-08-45, 406-08-46, 406-08-47, 406-08-48, 406-08-49, 406-08-50, 406-08-51, 406-08-52, 406-08-53, 406-08-54.
 7. THE FOLLOWING RIGHTS OF WAY ARE PRESENT ON AIRPORT PROPERTY AND OWNED BY THE CITY OF COTTONWOOD AS OF OCTOBER 2022: 406-08-002H, 406-08-002I, 406-08-002J, 406-08-002K, 406-08-002L, 406-08-002M, 406-08-002N, 406-08-002O, 406-08-002P, 406-08-002Q, 406-08-002R, 406-08-002S, 406-08-002T, 406-08-002U, 406-08-002V, 406-08-002W, 406-08-002X, 406-08-002Y, 406-08-002Z, 406-08-003A, 406-08-003B, 406-08-003C, 406-08-003D, 406-08-003E, 406-08-003F, 406-08-003G, 406-08-003H, 406-08-003I, 406-08-003J, 406-08-003K, 406-08-003L, 406-08-003M, 406-08-003N, 406-08-003O, 406-08-003P, 406-08-003Q, 406-08-003R, 406-08-003S, 406-08-003T, 406-08-003U, 406-08-003V, 406-08-003W, 406-08-003X, 406-08-003Y, 406-08-003Z, 406-08-004A, 406-08-004B, 406-08-004C, 406-08-004D, 406-08-004E, 406-08-004F, 406-08-004G, 406-08-004H, 406-08-004I, 406-08-004J, 406-08-004K, 406-08-004L, 406-08-004M, 406-08-004N, 406-08-004O, 406-08-004P, 406-08-004Q, 406-08-004R, 406-08-004S, 406-08-004T, 406-08-004U, 406-08-004V, 406-08-004W, 406-08-004X, 406-08-004Y, 406-08-004Z, 406-08-005A, 406-08-005B, 406-08-005C, 406-08-005D, 406-08-005E, 406-08-005F, 406-08-005G, 406-08-005H, 406-08-005I, 406-08-005J, 406-08-005K, 406-08-005L, 406-08-005M, 406-08-005N, 406-08-005O, 406-08-005P, 406-08-005Q, 406-08-005R, 406-08-005S, 406-08-005T, 406-08-005U, 406-08-005V, 406-08-005W, 406-08-005X, 406-08-005Y, 406-08-005Z, 406-08-006A, 406-08-006B, 406-08-006C, 406-08-006D, 406-08-006E, 406-08-006F, 406-08-006G, 406-08-006H, 406-08-006I, 406-08-006J, 406-08-006K, 406-08-006L, 406-08-006M, 406-08-006N, 406-08-006O, 406-08-006P, 406-08-006Q, 406-08-006R, 406-08-006S, 406-08-006T, 406-08-006U, 406-08-006V, 406-08-006W, 406-08-006X, 406-08-006Y, 406-08-006Z, 406-08-007A, 406-08-007B, 406-08-007C, 406-08-007D, 406-08-007E, 406-08-007F, 406-08-007G, 406-08-007H, 406-08-007I, 406-08-007J, 406-08-007K, 406-08-007L, 406-08-007M, 406-08-007N, 406-08-007O, 406-08-007P, 406-08-007Q, 406-08-007R, 406-08-007S, 406-08-007T, 406-08-007U, 406-08-007V, 406-08-007W, 406-08-007X, 406-08-007Y, 406-08-007Z, 406-08-008A, 406-08-008B, 406-08-008C, 406-08-008D, 406-08-008E, 406-08-008F, 406-08-008G, 406-08-008H, 406-08-008I, 406-08-008J, 406-08-008K, 406-08-008L, 406-08-008M, 406-08-008N, 406-08-008O, 406-08-008P, 406-08-008Q, 406-08-008R, 406-08-008S, 406-08-008T, 406-08-008U, 406-08-008V, 406-08-008W, 406-08-008X, 406-08-008Y, 406-08-008Z, 406-08-009A, 406-08-009B, 406-08-009C, 406-08-009D, 406-08-009E, 406-08-009F, 406-08-009G, 406-08-009H, 406-08-009I, 406-08-009J, 406-08-009K, 406-08-009L, 406-08-009M, 406-08-009N, 406-08-009O, 406-08-009P, 406-08-009Q, 406-08-009R, 406-08-009S, 406-08-009T, 406-08-009U, 406-08-009V, 406-08-009W, 406-08-009X, 406-08-009Y, 406-08-009Z, 406-08-010A, 406-08-010B, 406-08-010C, 406-08-010D, 406-08-010E, 406-08-010F, 406-08-010G, 406-08-010H, 406-08-010I, 406-08-010J, 406-08-010K, 406-08-010L, 406-08-010M, 406-08-010N, 406-08-010O, 406-08-010P, 406-08-010Q, 406-08-010R, 406-08-010S, 406-08-010T, 406-08-010U, 406-08-010V, 406-08-010W, 406-08-010X, 406-08-010Y, 406-08-010Z, 406-08-011A, 406-08-011B, 406-08-011C, 406-08-011D, 406-08-011E, 406-08-011F, 406-08-011G, 406-08-011H, 406-08-011I, 406-08-011J, 406-08-011K, 406-08-011L, 406-08-011M, 406-08-011N, 406-08-011O, 406-08-011P, 406-08-011Q, 406-08-011R, 406-08-011S, 406-08-011T, 406-08-011U, 406-08-