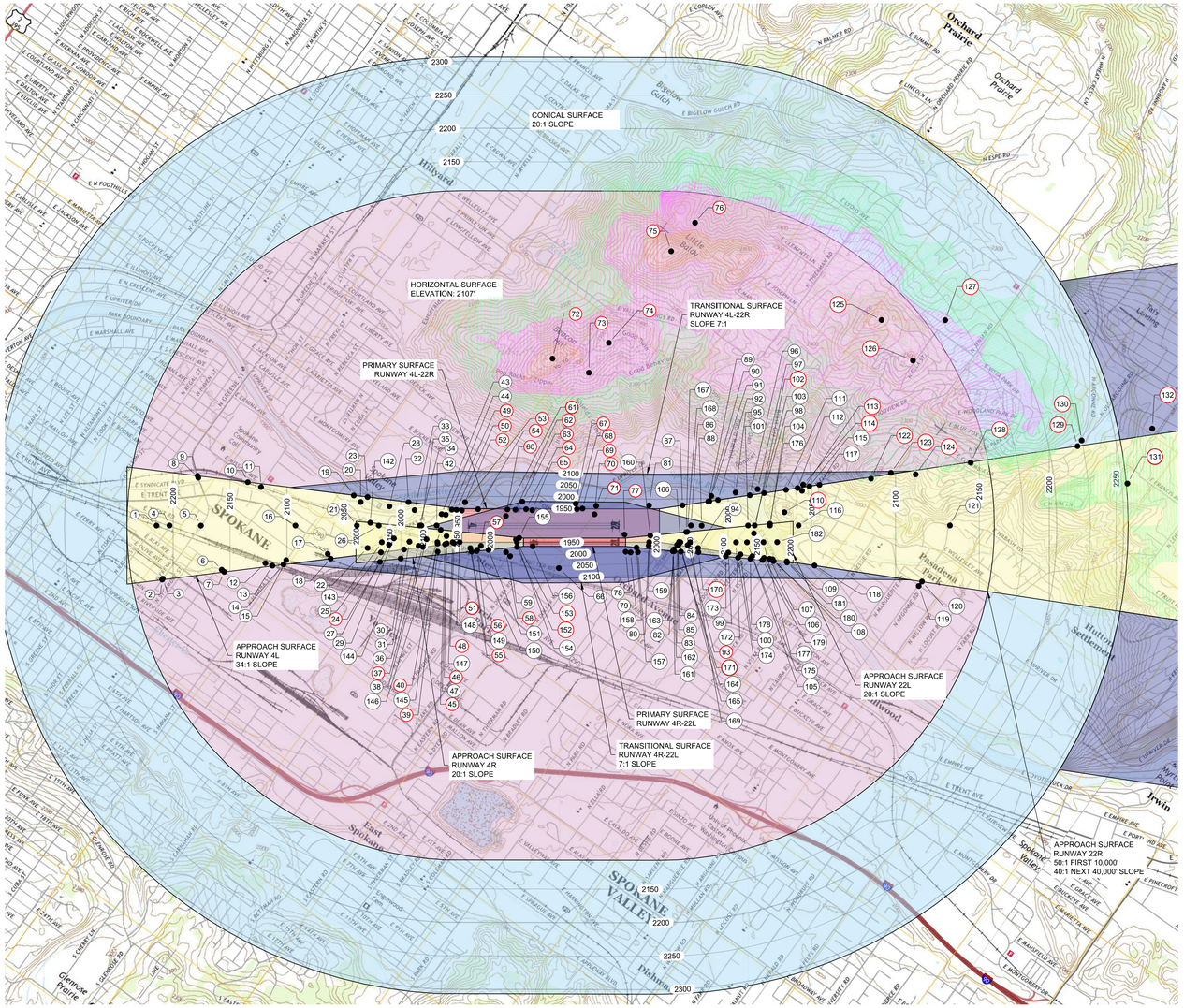

PART 77 DATA TABLE (PENETRATIONS ONLY - SEE REMARK 1)

ITEM NO.	DESCRIPTION	GROUND ELEVATION	OBJECT ELEVATION (MSL)	OBJECT HEIGHT (AAL)	SURFACE PENETRATED	SURFACE ELEVATION	PENETRATION	PROPOSED MITIGATION	MITIGATION TIME FRAME
24	BUILDING	1948	2084	136	TRANSITIONAL RWY 4L-22R (U)	2064	20	OBSTRUCTION LIGHT	
36	TREE	1948	2005	57	APPROACH RWY 4L (E/U)	1984	21	REMOVAL	SHORT TERM
39	TREE	1951	2031	80	TRANSITIONAL RWY 4L-22R (U)	1997	34	REMOVAL	MEDIUM TERM
40	POWER POLE	1950	1987	37	APPROACH RWY 4L (E/U)	1968	19	OBSTRUCTION LIGHT	
45	RAILROAD	1951	1974	23	APPROACH RWY 4L (E/U)	1961	12	NONE	
46	POWER POLE	1949	1987	38	APPROACH RWY 4L (E/U)	1960	27	OBSTRUCTION LIGHT	
48	PUBLIC ROAD	1949	1964	15	APPROACH RWY 4L (E/U)	1953	11	NONE	
49	TREE	1933	1995	63	APPROACH RWY 4L (E/U)	1955	40	REMOVAL	SHORT TERM
50	LIGHT POLE	1934	1958	24	APPROACH RWY 4L (E/U)	1951	7	OBSTRUCTION LIGHT	
51	BUILDING	1929	1950	22	APPROACH RWY 4L (U)	1948	2	RELOCATE	LONG TERM
52	PUBLIC ROAD	1935	1950	15	APPROACH RWY 4L (E/U)	1946	4	NONE	
53	TREE	1914	2011	97	TRANSITIONAL RWY 4L-22R (U)	1975	36	REMOVAL	MEDIUM TERM
54	TREE	1934	1987	52	PRIMARY RWY 4L-22R (U)	1947	40	REMOVAL	MEDIUM TERM
55	BUILDING	1950	1997	47	TRANSITIONAL RWY 4L-22R (U)	1971	26	OBSTRUCTION LIGHT	
56	TREE	1951	2008	57	TRANSITIONAL RWY 4L-22R (U)	1979	29	REMOVAL	MEDIUM TERM
57	BUILDING	1951	1978	28	TRANSITIONAL RWY 4L-22R (U)	1962	16	OBSTRUCTION LIGHT	
58	BUILDING	1952	1996	45	TRANSITIONAL RWY 4L-22R (U)	1990	6	OBSTRUCTION LIGHT	
60	NAVAID	1945	1966	21	PRIMARY RWY 4L-22R (U)	1948	19	OBSTRUCTION LIGHT	
61	TREE	1937	1964	28	PRIMARY RWY 4L-22R (U)	1948	16	REMOVAL	MEDIUM TERM
62	POLE	1928	1962	35	PRIMARY RWY 4L-22R (U)	1948	14	OBSTRUCTION LIGHT	
63	TREE	1926	1986	60	TRANSITIONAL RWY 4-L22R (U)	1978	8	REMOVAL	MEDIUM TERM
64	POLE	1928	1962	33	PRIMARY RWY 4L-22R (U)	1947	14	OBSTRUCTION LIGHT	
65	TREE	1936	1958	22	PRIMARY RWY 4L-22R (U)	1947	11	REMOVAL	MEDIUM TERM
67	TREE	1921	1995	74	TRANSITIONAL RWY 4L-22R (U)	1972	24	REMOVAL	MEDIUM TERM
68	WINDSOCK	1949	1974	26	PRIMARY RWY 4L-22R (U)	1950	24	OBSTRUCTION LIGHT	
69	ANTENNA	1950	1983	33	TRANSITIONAL RWY 4L-22R (U)	1952	31	OBSTRUCTION LIGHT	
70	ANTENNA	1955	1996	41	PRIMARY RWY 4L-22R (U)	1953	43	OBSTRUCTION LIGHT	
71	TREE	1934	2010	76	TRANSITIONAL RWY 4L-22R (U)	1966	44	REMOVAL	MEDIUM TERM
72	ANTENNA	2466	2734	267	HORIZONTAL RWY 4L-22R (U)	2107	627	OBSTRUCTION LIGHT	
73	POWER TRANSMISSION PYLON	2427	2569	142	HORIZONTAL RWY 4L-22R (U)	2107	463	OBSTRUCTION LIGHT	
74	TREE	2476	2577	102	HORIZONTAL RWY 4L-22R (U)	2107	470	REMOVAL	LONG TERM
75	ANTENNA	2570	2746	176	HORIZONTAL RWY 4L-22R (U)	2107	639	OBSTRUCTION LIGHT	
76	TREE	2453	2534	81	HORIZONTAL RWY 4L-22R (U)	2107	427	REMOVAL	LONG TERM
77	SIGN	1955	1958	3	TRANSITIONAL RWY 4L-22R (U)	1957	1	RELOCATE	MEDIUM TERM
93	TREE	1954	2028	74	APPROACH RWY 22R (U)	1976	52	REMOVAL	MEDIUM TERM
102	TREE	1945	2043	98	APPROACH RWY 22R (U)	2015	28	REMOVAL	MEDIUM TERM
110	TREE	1933	2097	164	APPROACH RWY 22R (U)	2034	63	REMOVAL	MEDIUM TERM
113	TREE	1983	2119	136	APPROACH RWY 22R (U)	2044	75	REMOVAL	MEDIUM TERM
114	TREE	1996	2138	141	TRANSITIONAL RWY 4L-22R (U)	2054	83	REMOVAL	LONG TERM
122	TREE	2094	2275	181	APPROACH RWY 22R (U)	2085	190	REMOVAL	MEDIUM TERM
123	TREE	2139	2278	139	TRANSITIONAL RWY 4L-22R (U)	2100	178	REMOVAL	LONG TERM
124	TREE	2126	2272	146	APPROACH RWY 22R (U)	2112	160	REMOVAL	MEDIUM TERM
125	TREE	2428	2637	209	HORIZONTAL RWY 4L-22R (U)	2107	531	REMOVAL	LONG TERM
126	TREE	2431	2603	172	HORIZONTAL RWY 4L-22R (U)	2107	496	REMOVAL	LONG TERM
127	TREE	2392	2505	113	CONICAL RWY 4L-22R (U)	2132	373	REMOVAL	LONG TERM
128	TREE	2209	2302	93	APPROACH RWY 22R (U)	2145	158	REMOVAL	MEDIUM TERM
129	PUBLIC ROAD	2258	2273	15	APPROACH RWY 22R (U)	2221	52	NONE	
130	PUBLIC ROAD	2263	2278	15	CONICAL RWY 4L-22R (U)	2247	31	NONE	
131	TREE	2322	2487	165	APPROACH RWY 22R (U)	2258	228	REMOVAL	MEDIUM TERM
132	TREE	2353	2479	126	TRANSITIONAL RWY 4L-22R (U)	2286	193	REMOVAL	LONG TERM
152	AIRCRAFT (CESSNA)	1951	1965	14	APPROACH RWY 4R (E/U)	1960	5	RELOCATE HOLD BAR	
153	AIRCRAFT (CESSNA)	1951	1965	14	APPROACH RWY 4R (E/U)	1960	5	CONTROL MOVEMENT	
170	TREE	1952	2052	101	APPROACH RWY 22L (E/U)	1999	53	REMOVAL	MEDIUM TERM
171	TREE	1954	2045	91	APPROACH RWY 22L (E/U)	1998	47	REMOVAL	MEDIUM TERM

1. PLEASE SEE COMPLETE TABLE ON SHEET 13.

NOTES

1. CONTOUR AND OBSTRUCTION SOURCE DATA - AGIS (SEPT. 2017).
2. SEE SHEETS 11 THROUGH 18 FOR PROFILE VIEWS AND CLOSE-IN OBSTRUCTIONS.
3. PART 77 TRAVERSE-WAY ELEVATIONS INCLUDE THE TRAVERSE-WAY ADJUSTMENT (23' FOR RAILROAD, 17' FOR HIGHWAY, 5' AND 7' FOR FENCE,15' FOR PUBLIC ROAD AND 10' FOR PRIVATE ROAD).
4. SURFACES CONFORM TO CFR PART 77 FOR ULTIMATE RUNWAY CONFIGURATION.
5. ALL ELEVATIONS AND HEIGHTS ARE IN FEET.
6. OBSTRUCTION DATA NUMBER ARE SHOWN ON TABLE SHEET 13.

TRUE
MAGNETIC

MAGNETIC DECLINATION 14° 28' EAST
RATE OF CHANGE 0° 6' WEST/YEAR
AS OF JUL 2019
SOURCE: NOAA ONLINE CALCULATOR

0 1000 2000 4000 6000
SCALE: 1" = 2000'

SIGNIFICANT OBJECT / OBSTRUCTION LEGEND

1 SIGNIFICANT OBJECT NUMBER
SIGNIFICANT OBJECT LOCATION
1 OBSTRUCTION (PENETRATING A SURFACE) NUMBER
OBSTRUCTION LOCATION

Elevations Table			
Number	Minimum Elevation	Maximum Elevation	Color
1	160.0	319.9	
2	320.0	479.9	
3	480.0	639.2	

BORDER SIZE 24"x36"
DESIGNED RF
DRAWN RF
CHECKED
APPROVED

REVISIONS
NO. DESCRIPTION DATE

T-O ENGINEERS
CONSULTING ENGINEERS, SURVEYORS & PLANNERS
1717 S. RUSTLE STREET, SUITE 201
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SEATTLE, WA 98104
PHONE: (206) 382-5000
WWW.WSP.COM

FELTS FIELD
SPOKANE, WASHINGTON
AIRPORT LAYOUT PLAN SET
AIRSPACE PLAN

DATE: MARCH 2022
PROJECT: WSP160359P / TO170105
SHEET: 10 OF 27

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