

RWY 3R ULTIMATE SURFACES

Point	Description	Object Penetration	Top	Ground	Object Height	Ground Penetration	See Notes *
1030	BUILDING CORNER NAVAID15	7.2	5058.70	5049.10	10.60		1
1031	BUILDING CORNER NAVAID15	7.1	5058.90	5048.47	10.43		1
1032	BUILDING CORNER NAVAID15	7.8	5058.91	5048.47	10.44		1
1033	BUILDING CORNER NAVAID15	7.6	5058.72	5048.88	9.84		1
1067	FENCE11	17.8	5045.95	5038.45	7.50	10.3	1
1085	FENCE10	8.2	5048.57	5041.07	7.50	0.7	1
1086	FENCE10	8.5	5049.54	5042.04	7.50	1.0	1
1087	FENCE10	7.2	5050.39	5043.89	7.50		1
1088	FENCE10	14.1	5051.34	5043.33	8.01		1
1089	FENCE10	6.9	5054.24	5046.74	7.50		1
1090	FENCE10	7.8	5056.89	5049.39	7.50	0.3	1
1091	FENCE10	6.1	5057.18	5049.68	7.50		1
1092	FENCE10 AT GATE	5.2	5057.22	5049.72	7.50		1
1093	FENCE10	4.0	5057.06	5049.56	7.50		1
1094	FENCE10	1.4	5054.96	5047.46	7.50		1
1100	FENCE10	1.0	5055.97	5048.47	7.50		1
2037	LUMINAIRE	26.6	5092.73	5056.38	36.35		1
2038	LUMINAIRE	24.0	5093.55	5057.99	35.56		1
2039	LUMINAIRE	25.6	5091.19	5056.15	35.04		1
2040	LUMINAIRE	27.8	5094.96	5056.01	38.95		1
2041	LUMINAIRE	29.7	5100.90	5058.41	42.49		1
2044	TREE	29.5	5090.45	5050.80	39.65		3
2046	TREE	29.5	5086.61	5048.00	38.61		3
2053	TREE	21.6	5078.48	5050.51	27.97		3
2063	LIGHT POLE	17.9	5074.90	5049.73	25.17		1
2064	LUMINAIRE	19.1	5076.13	5048.39	26.74		1
2128	TREE	30.5	5104.04	5056.33	37.69		3
2129	TREE	31.3	5111.03	5044.35	66.68		3
2130	TREE	9.5	5084.51	5058.18	26.33		3
2131	TREE	9.5	5083.97	5056.02	27.95		3
2132	TREE	34.2	5111.29	5039.40	71.89		3
2133	TREE	38.8	5113.01	5045.36	67.65		3
2134	TREE	30.5	5104.04	5056.33	37.69		3
2135	TREE	33.1	5105.52	5048.84	56.68		3
2136	TREE	30.3	5100.45	5052.00	48.45		3
2137	TREE	26.5	5096.28	5052.00	44.28		3
2138	TREE	20.7	5087.19	5043.77	43.42		3
2139	TREE	21.6	5090.29	5051.95	38.34		3
2140	TREE	53.8	5092.91	5053.21	39.70		3
2141	TREE	13.4	5081.22	5054.00	27.22		3
2145	TREE	12.4	5078.50	5052.23	26.27		3
2151	TREE	50.4	5101.64	5046.00	55.64		3
2152	TREE	49.2	5099.05	5045.77	53.28		3
2161	TREE	51.6	5091.11	5043.49	47.62	4.0	3, 7
2163	TREE	24.1	5073.04	5048.00	57.63		3
2164	LUMINAIRE	26.0	5074.73	5047.98	26.75		1
2423	TREE	6.2	5075.14	5056.54	18.60		3
2424	TREE	5.4	5074.69	5056.65	18.04		3
2425	TREE	4.8	5074.16	5056.67	17.49		3
2426	TREE	3.7	5073.96	5057.05	16.91		3
2427	TREE	3.5	5073.87	5057.09	16.78		3
2428	TREE	6.1	5076.84	5057.20	19.64		3
2429	TREE	11.3	5082.27	5057.27	25.00		3
2430	TREE	7.8	5078.86	5057.36	21.50		3
2431	TREE	4.5	5076.92	5058.00	18.92		3
2432	TREE	5.4	5077.94	5058.00	19.94		3
2434	TREE	2.1	5076.63	5059.21	12.58		3
2435	TREE	3.6	5077.46	5056.64	20.82		3
2436	TREE	7.0	5080.37	5056.43	23.94		3
2443	BUILDING1 CORNER	0.7	5070.11	5056.68	13.43		1
2445	BUILDING2 APEX	3.1	5072.13	5057.03	15.10		1
2446	BUILDING2 CORNER	1.0	5069.25	5057.07	12.18		1
2448	BUILDING3 CORNER	0.6	5073.65	5057.00	16.81		1
2459	FLAG POLE	14.6	5082.68	5056.48	26.20		1
2460	AC UNIT	6.4	5076.04	5057.17	18.87		1
2461	AC UNIT	6.3	5076.05	5057.39	18.66		1
2462	AC UNIT	6.0	5076.03	5057.30	18.73		1
2463	AC UNIT	4.5	5074.85	5057.35	17.50		1
2464	VENT	0.6	5074.46	5057.75	3.29		1
2465	VENT	1.3	5075.84	5057.55	18.29		1
2466	ANTENNA	9.2	5079.54	5057.21	22.33		1
2468	LUMINAIRE	3.1	5075.44	5056.97	18.47		1
2472	TREE	18.9	5076.15	5040.62	35.53		3
2473	TREE	25.9	5083.36	5040.01	43.35		3
2475	TREE	24.5	5083.96	5040.01	43.35		3
2485	TREE	9.6	5074.63	5038.40	36.23		3
2487	TREE	7.7	5077.61	5041.84	35.77		3
2488	TREE	11.4	5081.57	5043.80	37.77		3
2490	TREE	28.7	5108.54	5043.98	64.56		3
2491	TREE	32.4	5111.83	5044.17	67.66		3
2492	TREE	24.1	5104.48	5052.58	35.91		3
2493	TREE	41.3	5115.60	5045.00	70.60		3
2494	TREE	7.5	5073.90	5042.00	31.90		3
2495	TREE	26.1	5099.12	5048.30	50.82		3
2496	TREE	9.6	5076.17	5042.00	34.17		3
2497	TREE	10.0	5076.50	5042.00	34.50		3
2498	TREE	10.6	5076.57	5042.00	34.74		3
2499	TREE	10.6	5076.38	5041.64	32.74		3
2500	TREE	12.0	5074.62	5040.76	33.86		3
2501	TREE	22.6	5086.34	5042.93	43.41		3
2502	TREE	21.5	5084.24	5041.85	42.39		3
2503	TREE	4.4	5066.54	5041.70	24.84		3
2504	TREE	4.1	5070.72	5043.58	22.00		3
2505	TREE	4.4	5065.30	5042.18	23.12		3
2506	TREE	28.9	5090.00	5041.20	48.80		3
2510	POWER POLE	1.9	5066.44	5038.87	27.57		1
2511	POWER POLE	1.5	5068.14	5041.01	27.13		1
2512	POWER POLE	4.1	5067.88	5040.43	27.45		1
2511	TREE	50.6	5096.38	5037.07	59.31		3
2612	TREE	33.1	5110.05	5039.30	70.75		3
2613	TREE	19.5	5092.56	5042.00	50.56		3
2614	TREE	34.8	5108.92	5045.24	63.68		3
2615	TREE	40.7	5114.09	5046.73	67.36		3
2824	TRANSFORMER	0.2	5051.52	5048.28	3.24		3
2859	FAA TOWER	6.9	5077.03	5058.03	19.00		3
2904	WIND CONE	13.3	5047.03	5032.23	14.80		4
2905	ELECTRICAL PANEL	2.5	5053.64	5048.74	4.90		3
2913	STOP SIGN	2.7	5057.78	5049.03	8.75		3
3169	TREE	5.3	5089.00	5068.00	21.00		3
3170	TREE	3.3	5087.62	5067.62	20.00		3
3173	SOLE	0.5	5094.38	5071.38	23.01		3
3174	TREE	2.2	5088.57	5076.57	12.00		3
4438	EDGE OF ROAD	4.5	5069.30	5054.30	15.00		1
4439	EDGE OF ROAD	4.6	5070.18	5055.18	15.00		1
4440	EDGE OF ROAD	4.6	5071.43	5056.43	15.00		1
4441	EDGE OF ROAD	4.4	5072.75	5057.75	15.00		1
4442	EDGE OF ROAD	4.1	5073.42	5058.42	15.00		1
4443	EDGE OF ROAD	3.9	5074.02	5059.02	15.00		1
4444	EDGE OF ROAD	3.3	5074.34	5059.34	15.00		1
4445	EDGE OF ROAD	2.7	5074.73	5059.73	15.00		1
4446	EDGE OF ROAD	1.7	5074.81	5059.81	15.00		1
4447	EDGE OF ROAD	0.5	5074.70	5059.70	15.00		1
4892	EDGE OF ROAD	0.2	5074.37	5059.37	15.00		1
4893	EDGE OF ROAD	1.6	5074.73	5059.73	15.00		1

RWY 3R ULTIMATE SURFACES (CONTINUED)

Point	Description	Object Penetration	Top	Ground	Object Height	Ground Penetration	See Notes *
4894	EDGE OF ROAD	2.8	5074.83	5059.83	15.00		1
4895	EDGE OF ROAD	3.9	5074.60	5059.60	15.00		1
4896	EDGE OF ROAD	1.5	5074.13	5057.13	15.00		1
4897	EDGE OF ROAD	0.5	5072.62	5057.62	15.00		1
4898	EDGE OF ROAD	6.0	5071.46	5056.46	15.00		1
4899	EDGE OF ROAD	5.9	5069.03	5054.03	15.00		1
5426	EDGE OF ROAD	5.4	5067.68	5052.68	15.00		1
5427	EDGE OF ROAD	5.4	5069.18	5054.18	15.00		1
5428	EDGE OF ROAD	5.8	5071.01	5056.01	15.00		1
5429	EDGE OF ROAD	5.9	5073.31	5058.31	15.00		1
5430	EDGE OF ROAD	5.4	5073.04	5058.04	15.00		1
5431	EDGE OF ROAD	2.1	5075.24	5060.24	15.00		1
5432	EDGE OF ROAD	2.0	5076.77	5061.77	15.00		1
5433	EDGE OF ROAD	1.8	5078.49	5063.49	15.00		1
5434	EDGE OF ROAD	1.0	5081.36	5066.36	15.00		1
5435	EDGE OF ROAD	0.5	5082.38	5067.38	15.00		1
5887	EDGE OF ROAD	0.7	5081.24	5066.24	15.00		1
5888	EDGE OF ROAD	1.3	5080.09	5065.09	15.00		1
5889	EDGE OF ROAD	1.7	5078.50	5063.50	15.00		1
5890	EDGE OF ROAD	2.3	5075.91	5060.91	15.00		1
5891	EDGE OF ROAD	2.5	5074.49	5059.49	15.00		1
5892	EDGE OF ROAD	3.8	5074.03	5059.03	15.00		1
5893	EDGE OF ROAD	5.5	5073.89	5058.89	15.00		1
5894	EDGE OF ROAD	5.7	5072.60	5057.60	15.00		1
5895	EDGE OF ROAD	5.9	5071.15	5056.15	15.00		1
5896	EDGE OF ROAD	5.7	5069.50	5054.50	15.00		1
5897	EDGE OF ROAD	6.5	5074.24	5059.24	15.00		1
5898	EDGE OF ROAD	6.4	5066.76	5051.76	15.00		1
7126	CL OF ROAD	7.4	5066.29	5051.29	15.00		1
7127	CL OF ROAD	9.4	5068.43	5053.43	15.00		1
7128	CL OF ROAD	9.8	5068.57	5053.57	15.00		1
7174	CL OF ROAD	15.7	5063.93	5048.93	15.00	0.7	1
7175	CL OF ROAD	16.1	5064.17	5049.17	15.00		1
7176	CL OF ROAD	16.7	5064.65	5049.65	15.00	1.7	1
7177	CL OF ROAD	16.0	5063.40	5048.40	15.00	1.0	1
1068	FENCE11	15.9	5043.76	5036.26	7.50	8.4	2
1134	FENCE	15.9	5043.79	5037.75	6.04	9.9	2
2047	TREE	49.5	5113.82	5052.21	61.61		2
2048	TREE	106.07	5087.33	5041.33	71.59		2
2049	TREE	46.1	5109.60	5049.41	60.19		2
2050	TREE	49.8	5115.25	5048.55	66.70		2
2051	TREE	49.5	5116.93	5047.24	69.69		2
2052	TREE	37.9	5111.61	5042.75	68.86		