

PT77 OBSTRUCTION
TREES TABLE

DIM	ITEM	DIMENSIONAL STANDARDS (FEET)					
		VISUAL RUNWAY		NON-PRECISION INSTRUMENT RUNWAY		PRECISION INSTRUMENT RUNWAY	
		A	B	A	B	C	D
A	WIDTH OF PRIMARY SURFACE AND APPROACH SURFACE WIDTH AT INNER END	250	500	500	500	1,000	1,000
B	RADIUS OF HORIZONTAL SURFACE	5,000	5,000	5,000	10,000	10,000	10,000
		VISUAL APPROACH		NON-PRECISION INSTRUMENT APPROACH		PRECISION INSTRUMENT APPROACH	
		A	B	C	D		
C	APPROACH SURFACE WIDTH AT END	1,250	1,500	2,000	3,500	4,000	16,000
D	APPROACH SURFACE LENGTH	5,000	5,000	5,000	10,000	10,000	*
E	APPROACH SLOPE	20:1	20:1	20:1	34:1	34:1	*

A- UTILITY RUNWAYS
B- RUNWAYS LARGER THAN UTILITY
C- VISIBILITY MINIMUMS GREATER THAN 3/4 MILE
D- VISIBILITY MINIMUMS AS LOW AS 3/4 MILE
* PRECISION INSTRUMENT APPROACH SLOPE IS 50:1 FOR INNER 10,000 FEET AND 40:1 FOR AN ADDITIONAL 40,000 FEET

OBJ. No.	DESCRIPTION	TOP. ELEV.	SURFACE TYPE	SURFACE ELEV.	PEN.	Disposition
18-1	TREES	683	APPROACH	644	39	Remove
18-2	TREES	687	APPROACH	646	41	Remove
18-3	TREES	691	APPROACH	651	40	Remove
18-4	TREES	691	APPROACH	654	37	Remove
18-5	TREES	689	APPROACH	650	39	Remove
18-6	TREES	693	TRANSITIONAL	642	51	Remove
28-1	TREES	686	TRANSITIONAL	641	45	Remove
28-2	TREES	688	TRANSITIONAL	641	47	Remove

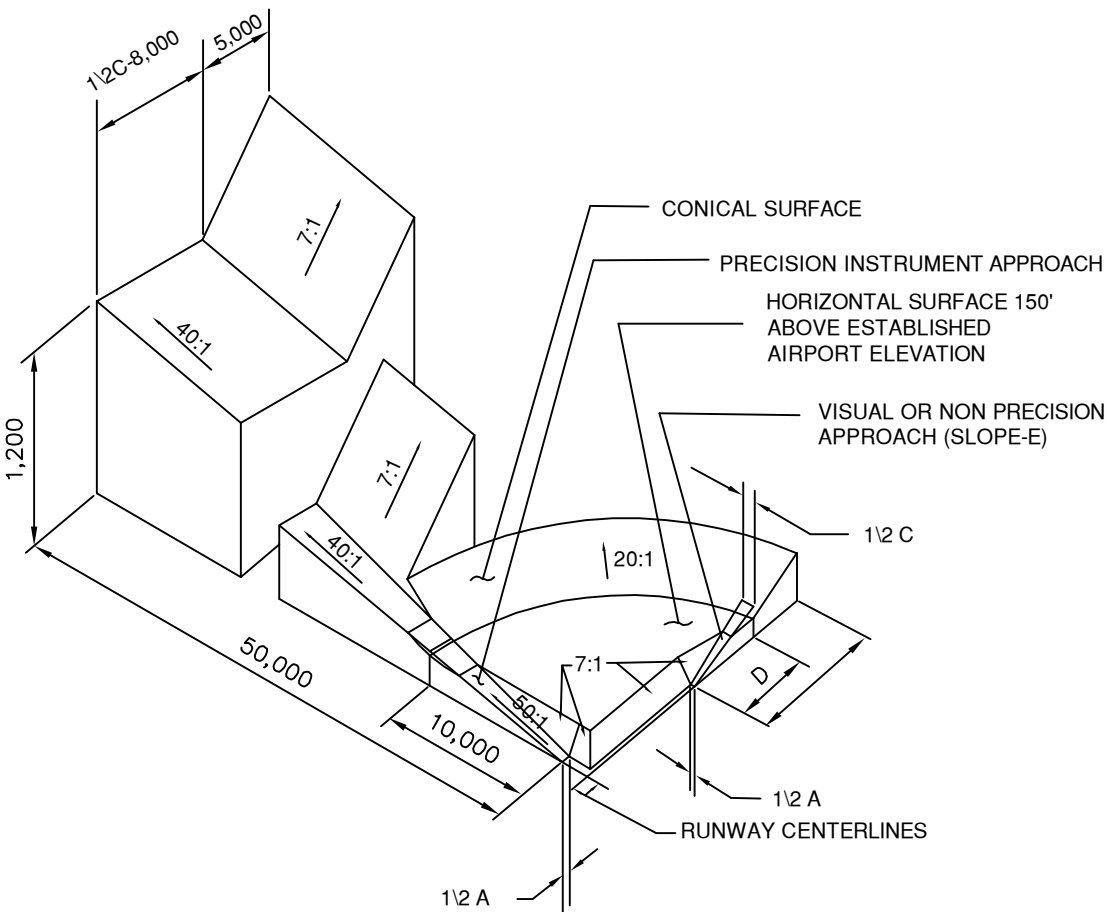
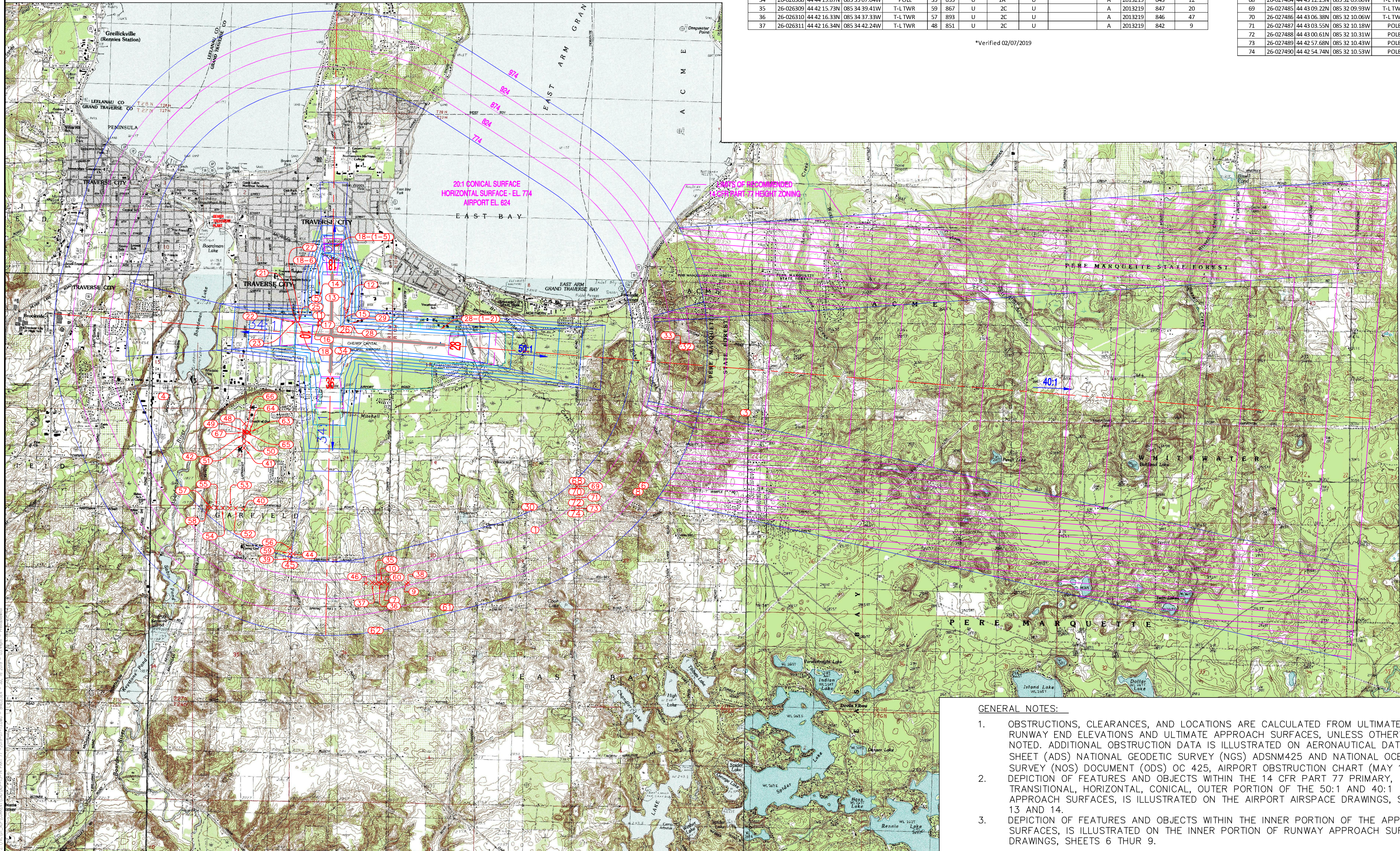
SEE SHEETS 8 AND 9 FOR DETAILS
DATE OF OBSTRUCTION SURVEY: NOVEMBER 2018

PT77 OBSTRUCTION STRUCTURES TABLE

OBSTRUCTIONS FROM DOF 1/8/19

NUMBER	OAS	LAT	LONG	TYPE	AGL	AMSL	LIGHTING	ACCURACY	MARKING	FAA STUDY	ACTION	JDATE	PT77 ELEV	VIOLATION
1	26-001385	44 42 45.75N	085 32 40.81W	TOWER	150	912	N	4A	N	2016AGL097900E	C	2017138	825	87
3	26-001738	44 43 49.89N	085 30 04.22W	TANK	130	1059	D	1A	N	2013AGL076540E	C	2013331	938	121
5	26-002164	44 43 54.07N	085 37 20.84W	TOWER	202	840	D	2C	N	2002AGL052900C	C	2004000	774	66
5	26-002246	44 44 47.62N	085 35 27.22W	TOWER	73	694	R	1A*	N	1998AGL035290E	C	2013219	665	28
6	26-020087	44 43 10.19N	085 31 19.89W	T-L TWR	120	993	N	2C	N	2007AGL071770E	C	2009009	923	70
7	26-020089	44 42 15.79N	085 34 30.41W	T-L TWR	121	920	N	2C	N	2007AGL099040E	C	2009009	855	65
8	26-020090	44 43 06.86N	085 31 24.03W	T-L TWR	110	997	N	2C	N	2007AGL071760E	C	2009009	921	76
9	26-020091	44 42 15.84N	085 34 16.63W	T-L TWR	110	930	N	2C	N	2008AGL019070E	C	2008360	869	61
10	26-020807	44 42 15.77N	085 34 35.28W	T-L TWR	81	925	N	2C	N	2007AGL099030E	C	2012081	851	74
11	26-026265	44 44 38.65N	085 35 25.21W	T-L TWR	35	656	U	1A*	U		A	2013219	648	7
12	26-026266	44 44 38.79N	085 35 05.36W	POLE	40	657	U	1A*	U		A	2013219	656	1
13	26-026270	44 44 40.34N	085 35 05.36W	POLE	40	656	U	1A*	U		A	2013219	656	1
14	26-026271	44 44 48.53N	085 35 25.08W	POLE	28	657	U	1A*	U		A	2013219	644	4
15	26-026272	44 44 37.68N	085 35 05.41W	POLE	43	660	U	1A*	U		A	2013219	656	4
16	26-026274	44 44 35.91N	085 35 24.85W	BLDG	32	652	U	1A*	U		A	2013219	645	8
17	26-026280	44 44 35.63N	085 35 24.42W	BLDG	21	642	U	1A*	U		A	2013219	641	1
18	26-026281	44 44 35.19N	085 35 41.08W	POLE	28	651	U	1A*	U		A	2013219	650	1
21	26-026285	44 44 34.70N	085 35 41.32W	POLE	28	650	U	1A*	U		A	2013219	649	2
22	26-026286	44 44 34.71N	085 35 42.06W	POLE	28	650	U	1A*	U		A	2013219	651	0
23	26-026287	44 44 35.33N	085 35 42.36W	POLE	28	651	U	1A*	U		A	2013219	652	0
25	26-026289	44 44 34.70N	085 35 40.53W	POLE	28	650	U	1A*	U		A	2013219	648	3
26	26-026292	44 44 31.21N	085 35 05.57W	POLE	7	636	U	1A*	U		A	2013219	623	2
27	26-026293	44 44 35.18N	085 35 39.84W	POLE	28	650	U	1A*	U		A	2013219	650	1
28	26-026294	44 44 33.70N	085 35 00.00W	POLE	42	658	U	1A*	U		A	2013219	647	11
29	26-026295	44 44 34.50N	085 35 01.22W	POLE	45	659	U	1A*	U		A	2013219	658	3
30	26-026296	44 42 57.94N	085 32 45.28W	TOWER	131	870	U	1A	U		A	2013219	774	96
32	26-026300	44 44 24.72N	085 30 49.24W	POLE	47	902	U	2C	U		A	2013219	848	54
33	26-026301	44 44 24.88N	085 30 53.25W	POLE	36	889	U	2C	U		A	2013219	841	48
34	26-026308	44 44 19.87N	085 35 07.04W	POLE	35	655	U	1A*	U		A	2013219	643	12
35	26-026309	44 42 15.73N	085 34 39.41W	T-L TWR	59	867	U	2C	U		A	2013219	847	20
36	26-026310	44 42 16.33N	085 34 37.53W	T-L TWR	57	889	U	2C	U		A	2013219	846	47
37	26-026311	44 42 16.34N	085 34 42.24W	T-L TWR	48	851	U	2C	U		A	2013219	842	9

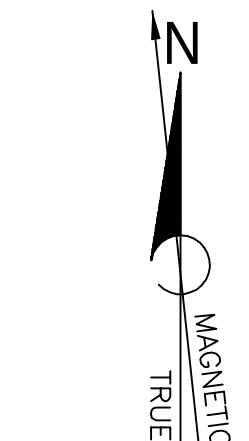
*Verified 02/07/2019



ESTABLISHED AIRPORT EL.= 624'

AIRPORT REFERENCE POINT

LAT: N044°44'29.68"
LONG: W085°34'54.73"



AUGUST 14, 2018
DECLINATION 6° 08' W
CHANGING BY 0' 2" W/YEAR

GENERAL NOTES:

- OBSTRUCTIONS, CLEARANCES, AND LOCATIONS ARE CALCULATED FROM ULTIMATE RUNWAY END ELEVATIONS AND ULTIMATE APPROACH SURFACES, UNLESS OTHERWISE NOTED. ADDITIONAL OBSTRUCTION DATA IS ILLUSTRATED ON AERONAUTICAL DATA SHEET (ADS) NATIONAL GEODETIC SURVEY (NGS) ADSNM425 AND NATIONAL OCEAN SURVEY (NOS) DOCUMENT (ODS) OC 425, AIRPORT OBSTRUCTION CHART (MAY 1995).
- DEPICTION OF FEATURES AND OBJECTS WITHIN THE 14 CFR PART 77 PRIMARY, TRANSITIONAL, HORIZONTAL, CONICAL, OUTER PORTION OF THE 50:1 AND 40:1 APPROACH SURFACES, IS ILLUSTRATED ON THE AIRPORT AIRSPACE DRAWINGS, SHEET 13 AND 14.
- DEPICTION OF FEATURES AND OBJECTS WITHIN THE INNER PORTION OF THE APPROACH SURFACES, IS ILLUSTRATED ON THE INNER PORTION OF RUNWAY APPROACH SURFACE DRAWINGS, SHEETS 6 THUR 9.

NO.	REVISIONS	BY	DATE

DRAWN	CHRISTENSEN
DATE	JAN 2019
CHECKED	VAN DUINEN
DATE	JAN 2019

Prein&Newhof
Engineers • Surveyors • Environmental • Laboratory

TVC
Your Northern Michigan Connection

W/ SITE NO	28-01
LOC ID	TVC

CHERRY CAPITAL AIRPORT
TRAVERSE CITY, MICHIGAN
FAR PART 77 APPROACH SURFACES DRAWING

DRAWING NO.
13
16