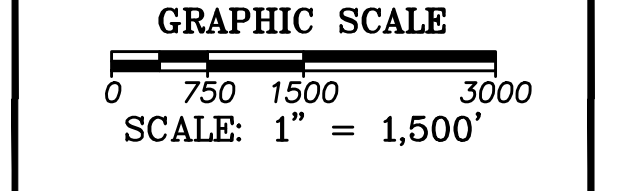


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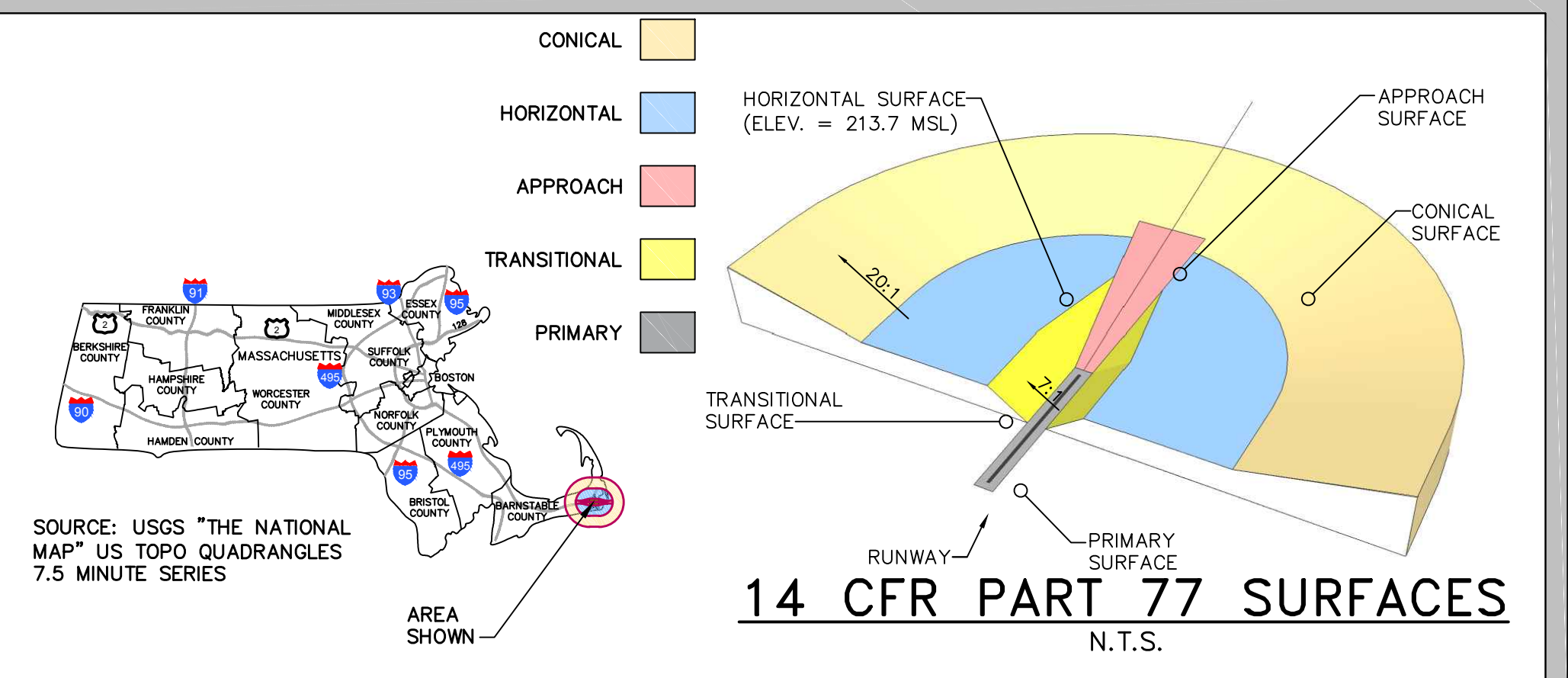
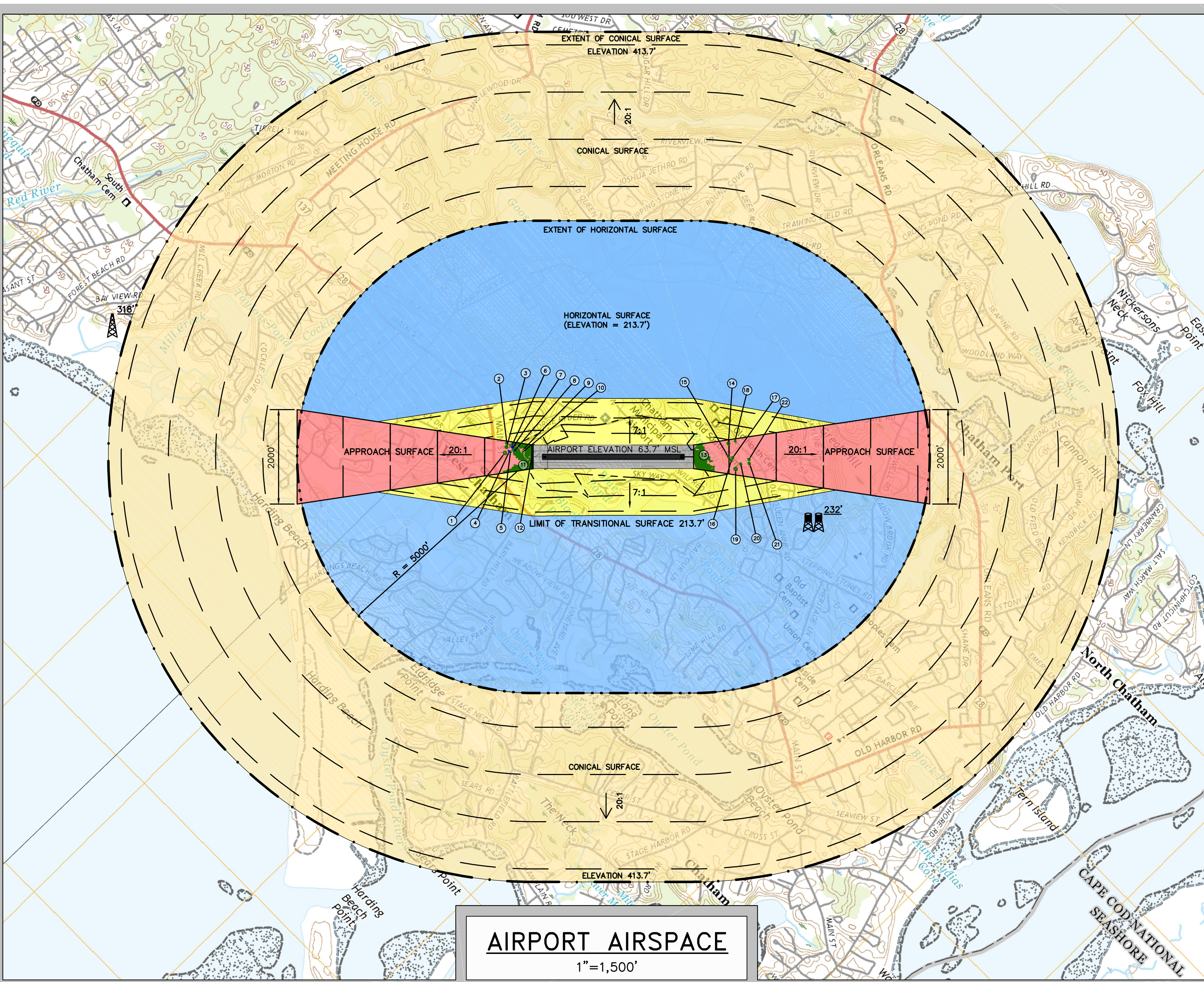
PROJECT: AIRPORT MASTER PLAN UPDATE
 AIP NO. 3-25-0015-23-2018
 OWNER: CHATHAM MUNICIPAL AIRPORT
 TOWN OF CHATHAM, MASSACHUSETTS

NO.	DATE	DESCRIPTION	BY
PROJECT NO.		777064	
DESIGNED BY		ID	
DRAWN BY		ID	
CHECKED BY		MPC	
DATE		APRIL, 2020	



SHEET TITLE
 14 CFR PART 77 SURFACE PENETRATIONS
 DRAWING NO.

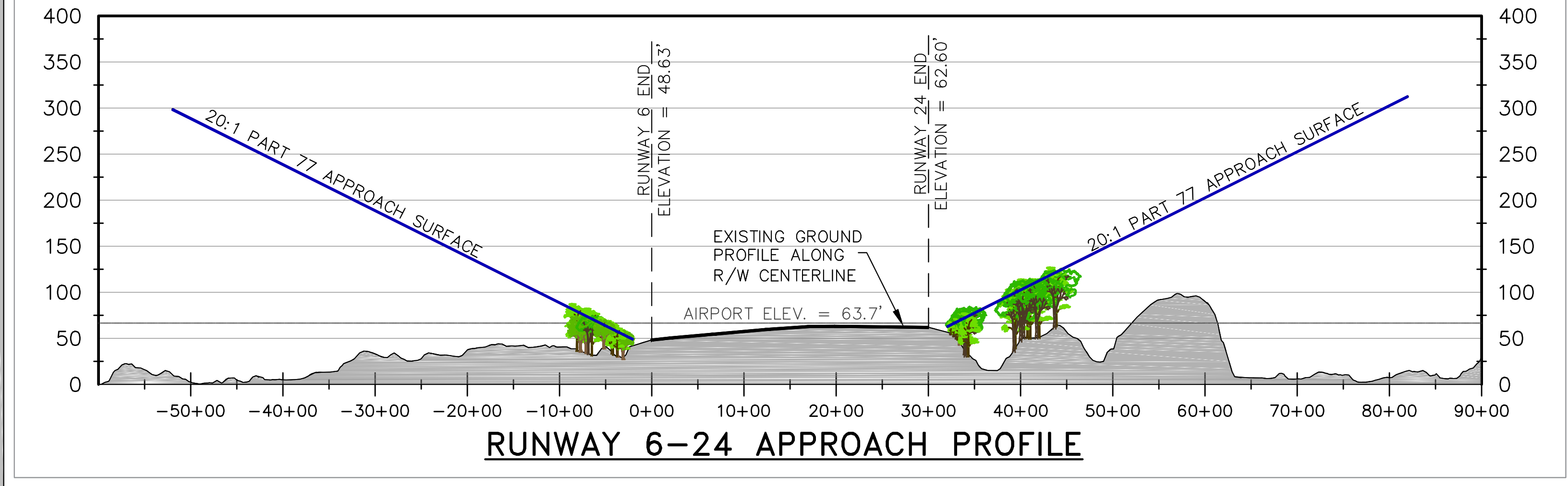
5
 5 of 12



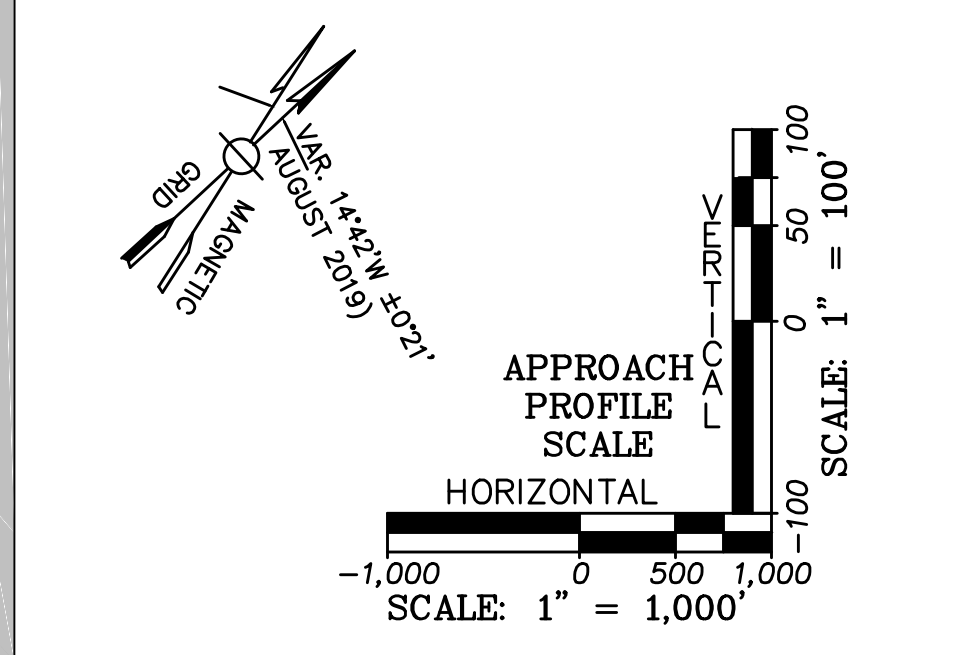
OBSTRUCTION DATA

OBJECT ID	DESCRIPTION	GROUND ELEVATION (FT. MSL)	PENETRATION (FT)	PART 77 SURFACE(S)	PROPOSED ACTION
1	GROUP OF TREES	39.89-40.33	7	APPROACH SURFACE	REMOVE
2	TREE	36.45	10.33	APPROACH SURFACE	REMOVE
3	TREE	38.22	7.27	APPROACH SURFACE	REMOVE
4	POLE	42.96	0.5	APPROACH SURFACE	LIGHT/LOWER
5	TREE	42.76	6.48	APPROACH SURFACE	REMOVE
6	TREE	46.45	5.97	APPROACH SURFACE	REMOVE
7	POLE	46.35	8.94	APPROACH SURFACE	LIGHT/LOWER
8	CHIMNEY/ SMOKESTACK	47.12	3.25	APPROACH SURFACE	LOWER
9	TREE	55.5	6.18	APPROACH SURFACE	REMOVE
10	TREE	59.3	1.17	APPROACH SURFACE	REMOVE
11	GROUP OF TREES	33.04-46.98	8.89-13.51	APPROACH SURFACE	REMOVE
12	GROUP OF TREES	29.7-46.79	7.73-18.38	APPROACH SURFACE	REMOVE
13	GROUP OF TREES	50.59-64.25	1.36-28.42	APPROACH SURFACE	REMOVE
14	TREE	18.56	0.50	APPROACH SURFACE	REMOVE
15	TREE	38.81	1.00	APPROACH SURFACE	REMOVE
16	TREE	45.75	1.00	APPROACH SURFACE	REMOVE
17	TREE	49.87	2.00	APPROACH SURFACE	REMOVE
18	TREE	43.23	9.01	APPROACH SURFACE	REMOVE
19	TREE	40.27	2.44	APPROACH SURFACE	REMOVE
20	TREE	55.6	1.00	APPROACH SURFACE	REMOVE
21	TREE	55.33	0.50	APPROACH SURFACE	REMOVE
22	TREE	62.70	1.50	APPROACH SURFACE	REMOVE

OBSTRUCTION DATA NOTES:
 1. AN OBSTRUCTION SURVEY OF THE APPROACH SURFACES WAS PERFORMED IN 2018 AS PART OF THIS AIRPORT LAYOUT PLAN (ALP) UPDATE. THE REMAINING OBSTRUCTIONS WERE OBTAINED FROM CHATHAM MUNICIPAL AIRPORT'S 2003 ALP UPDATE.
 2. THE TOWN HAS AIRPORT APPROACH PROTECTION BYLAWS IN PLACE TO REGULATE THE ALLOWABLE HEIGHT OF STRUCTURES AND VEGETATION WITHIN THE DEFINED AIRPORT APPROACH ZONE, WHICH IS DEPICTED IN THE TOWN'S MAP OF APPROACH ZONES, DATED FEBRUARY 1958. THE ZONES BEGIN 200 FEET FROM EACH RUNWAY END AT A WIDTH OF 250 FEET, EXPANDING UNIFORMLY TO A WIDTH OF 2,250 FEET FOR A DISTANCE OF 10,000 FEET. THE ALLOWABLE HEIGHT WITHIN THIS ZONE IS DEFINED AS 1/20 OF THE SHORTEST HORIZONTAL DISTANCE FROM THE STRUCTURE OR TREE (OR ANY PART THEREOF) TO A LINE 200 FEET OUTWARD FROM AND PARALLEL TO THE END OF THE RUNWAY WITHIN THE APPROACH ZONE IN WHICH THE STRUCTURE OR TREE IS LOCATED.



PART 77 SURFACES:
 - WIDTH OF PRIMARY SURFACE = 500'
 - RADIUS OF HORIZONTAL SURFACE = 5,000'
 - APPROACH SURFACE WIDTH AT END = 2,000'
 - APPROACH SURFACE LENGTH = 5,000'



LEGEND

AIRPORT PROPERTY LINE	---
VEGETATION PENETRATING PART 77 SURFACES	[Green Box]
STRUCTURES PENETRATING PART 77 SURFACES	[Blue Box]
OBSTRUCTION ID	⊕
LIGHTED WATER TANK	⊕ EL. X'
TOWER	⊕ EL. X'

4/2/2020 2:25:04 PM C:\Users\jv\Desktop\777064_C0X AMP\U_MPC\ALP\Working Drawings\Final ALP\777064-C0X-04-AIRSPACE DRAWING.dwg (ID)