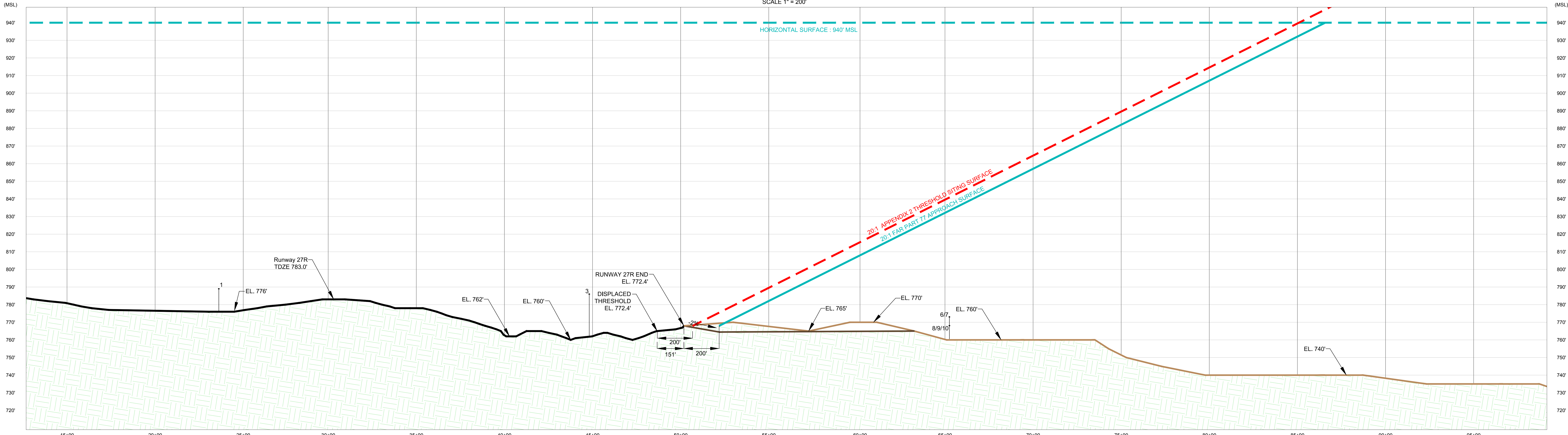


RUNWAY 27R PLAN VIEW
SCALE 1" = 200'



RUNWAY 27R PROFILE VIEW
VERTICAL SCALE 1" = 20'
HORIZONTAL SCALE 1" = 200'

RUNWAY 27R OBSTRUCTION DISPOSITION CHART											
OBJECT DATA		PRIMARY SURFACE		7:1 TRANSITIONAL SURFACE		20:1 FAR PART 77 APPROACH SURFACE		20:1 APPENDIX 2 THRESHOLD SITING SURFACE		DISPOSITION	
NO.	DESCRIPTION	TOP ELEVATION (MSL)	DIST. TO R/WY END	SURFACE ELEVATION	PENETRATION	SURFACE ELEVATION	PENETRATION	SURFACE ELEVATION	PENETRATION		
1	HANGARS	786'	N/A	774'	11'	770'	15'	N/A	N/A	OBSTRUCTION LIGHTING TO BE REMOVED	
2	EXISTING STRUCTURES*	786'	N/A	N/A	N/A	770'	15'	N/A	N/A	OBSTRUCTION LIGHTING TO BE REMOVED	
3	WIND CONE	786'	N/A	N/A	N/A	770'	15'	N/A	N/A	OBSTRUCTION LIGHTING TO BE REMOVED	
4	EXISTING STRUCTURES*	777'	1.515'	N/A	N/A	836'	-65'	836'	-65'	NO ACTION	
5	EXISTING STRUCTURES*	777'	1.515'	N/A	N/A	836'	-65'	836'	-65'	NO ACTION	
6	ADA SECURITY FENCE	777'	1.515'	N/A	N/A	836'	-65'	836'	-65'	NO ACTION	
7	ADA SECURITY FENCE	777'	1.515'	N/A	N/A	836'	-65'	836'	-65'	NO ACTION	
8	ADA SECURITY FENCE	766'	1.515'	N/A	N/A	836'	-70'	836'	-70'	NO ACTION	
9	ADA SECURITY FENCE	766'	1.515'	N/A	N/A	836'	-70'	836'	-70'	NO ACTION	
10	ADA SECURITY FENCE	766'	1.515'	N/A	N/A	836'	-70'	836'	-70'	NO ACTION	
11-13	EXISTING STRUCTURES*	780'	N/A	774'	11'	770'	15'	N/A	N/A	OBSTRUCTION LIGHTING TO BE REMOVED	

*TOP ELEVATION OF EXISTING STRUCTURES ARE NOT AVAILABLE. IT IS RECOMMENDED TO REMOVE THESE EXISTING STRUCTURES.

- NOTES:
- POSITIVE VALUES SHOWN IN RED DENOTE PENETRATION, NEGATIVE VALUES (-) DENOTE CLEARANCE.
 - ROAD ELEVATION INCLUDES 15' VERTICAL DISTANCE FOR MOVABLE OBJECTS PER CIR PART 77.
 - ADA SECURITY FENCE IS ASSUMED TO BE 10' AGL.
 - N/A DENOTES NOT APPLICABLE.
 - THE 20:1 APPENDIX 2 THRESHOLD SITING SURFACE IS BASED ON RUNWAY TYPE 4 IN AC105.600-13 CHANGE 1B TABLE A2.1 FOR APPROACH END OF RUNWAYS EXPECTED TO SUPPORT INSTRUMENT NIGHT OPERATIONS, SERVING APPROACH CATEGORY A AND B AIRCRAFT ONLY. THE DIMENSIONAL STANDARDS WITH REFERENCE TO FIGURE A2-1 SHALL BE: A=200', B=200', C=1,000', D=10,000', AND E=4".

LEGEND

- ADA SECURITY FENCE (10' MIN)
- INAUGURAL PROPERTY BOUNDARY
- RUNWAY SAFETY AREA (RSA)
- RUNWAY OBJECT FREE AREA (OFA)
- RUNWAY OBSTACLE FREE ZONE (ROFZ)
- RUNWAY PROTECTION ZONE (RPZ)
- INNER RUNWAY PROTECTION ZONE (IRPZ)
- PRIMARY SURFACE
- FAR PART 77 APPROACH SURFACE
- HORIZONTAL SURFACE
- APPENDIX 2 THRESHOLD SITING SURFACE
- EXISTING GROUND
- PROPOSED GROUND - GRADED
- EXISTING ROAD (TO BE REMOVED)
- EXISTING GROUND

- GENERAL NOTES:
- GROUND CONTOUR INTERVALS ARE 5-FEET (SHOWN) BASED ON 1'-FOOT CONTOUR INTERVALS (NOT SHOWN).
 - AERIAL PHOTOGRAPHY WILL COUNTY, DATED 2008, SAME AS EXHIBIT "K" PROPERTY LINE MAP FOR SOUTH SUBURBAN AIRPORT, JUNE 30, 2010.
 - SEE SHEET 6 FOR OBSTACLES THAT IMPACT THE INAUGURAL RUNWAYS BASED ON OBSTACLE DATA OBTAINED FROM FAA DIGITAL OBSTACLE FILE DATED JULY 24, 2011.
 - IT IS RECOMMENDED THAT AN OBSTRUCTION SURVEY BE PERFORMED.
 - PROPOSED 2% GRADING SHOWN FOR 200' FROM RUNWAY THRESHOLD THEN GRADED TO THE EXISTING GROUND ELEVATION.
- REFERENCE:
- LATITUDE AND LONGITUDE ARE BASED ON THE NORTH AMERICAN DATUM OF 1983 (NAD83).
 - VERTICAL CONTROL IS REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).