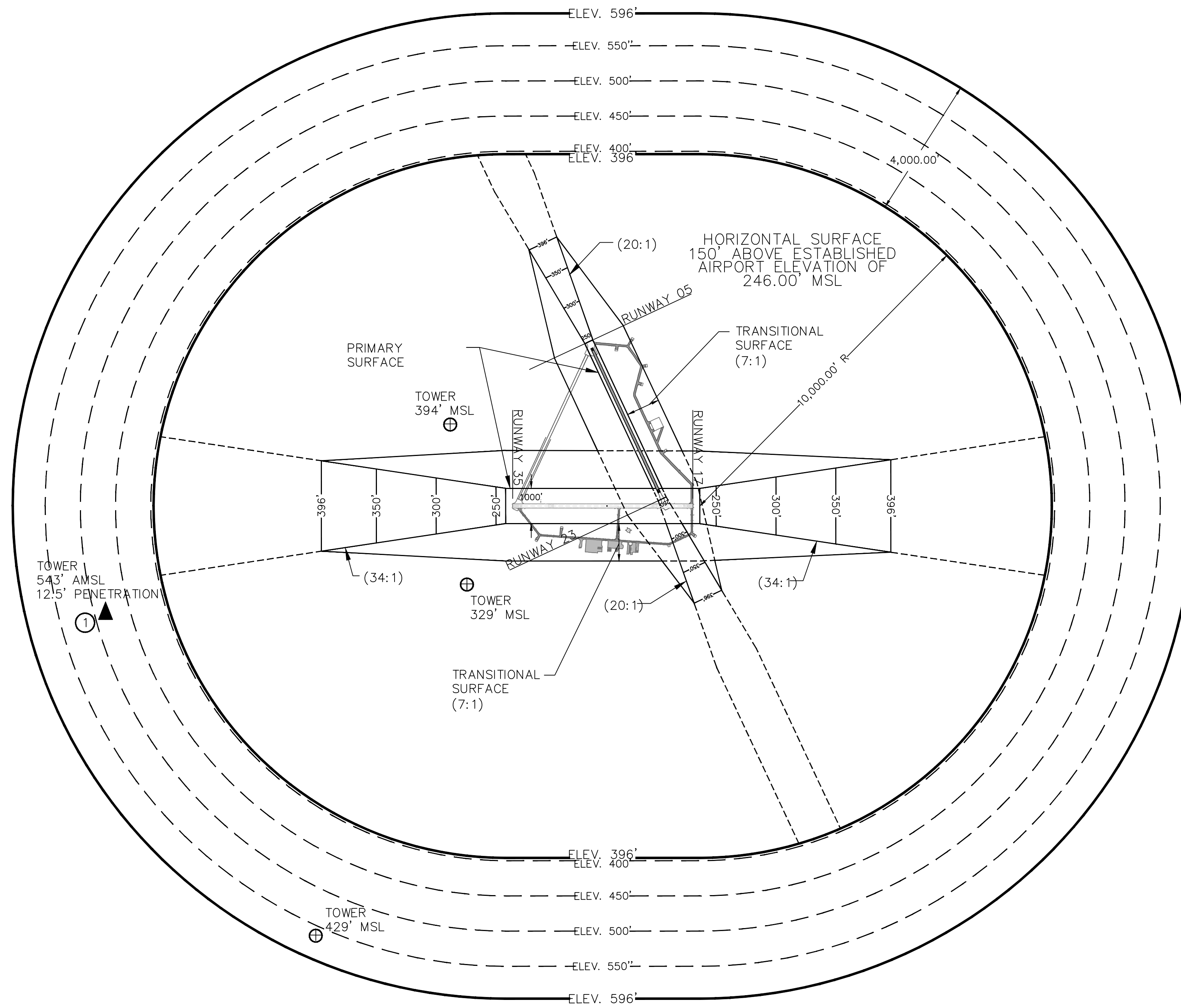
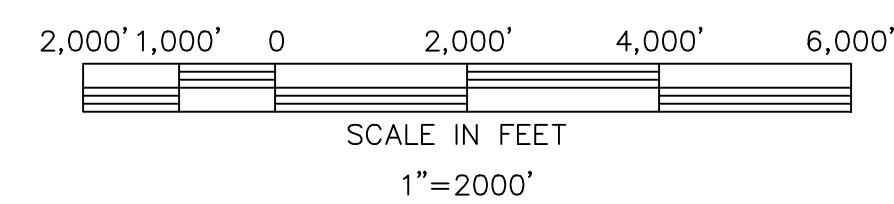


TOWER ⊕
727' MSL

⊕ TOWER
1,037' MSL



OBSTRUCTION DATA TABLE							
NO.	OBJECT	AGL ELEV.	AMSL ELEV.	GROUND SURFACE ELEV.	PENETRATION		EXISTING DISPOSITION
					DEPTH	AREA	
1	TOWER	366'	543'	177'	12.5'	CONICAL SURFACE	LIGHTING



MODIFICATION TO FAA DESIGN STANDARDS		
NO.	MODIFICATION	DATE
1		
2		
3		

ALBERT, BRIGHT & ELLINGTON
ENGINEERING & PLANNING CONSULTANTS
2000 PARK STREET, SUITE 101
COLUMBIA, SOUTH CAROLINA 29201
PHONE: 803-935-9290 FAX: 803-935-9205
www.albertandbright.com

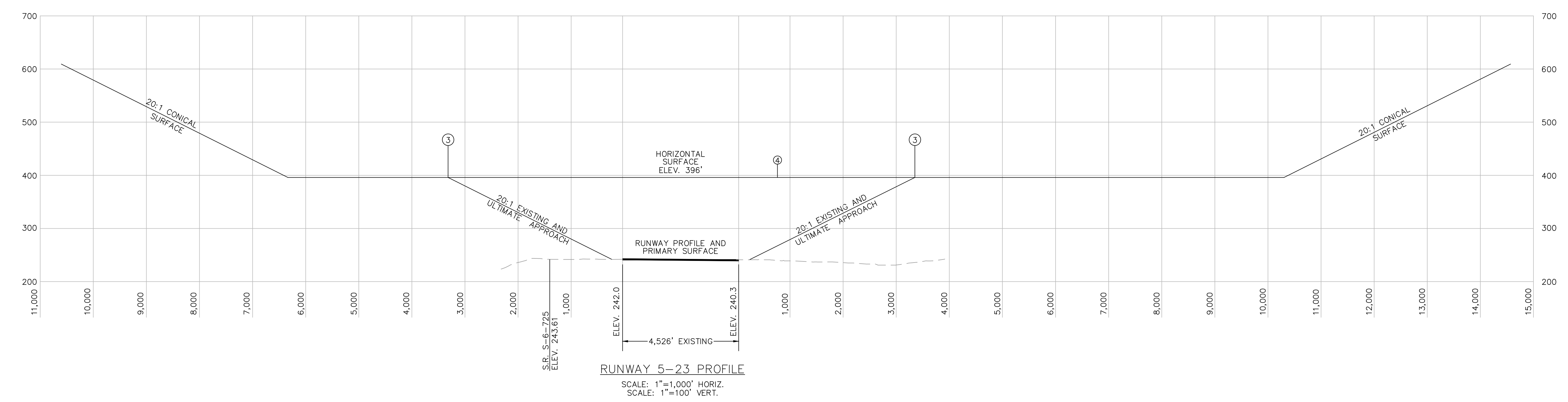
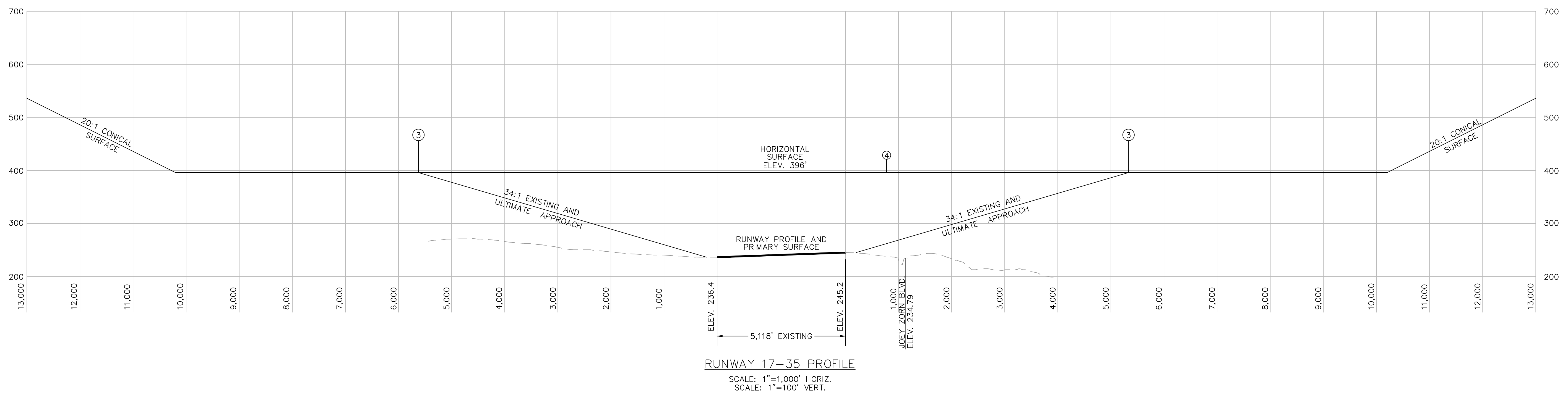
REV. NO.	DESCRIPTION	DATE
2	NEW END OF RUNWAY 5-23 COORDINATES FAA AND SCAC COMMENTS	03/02/15 01/16/15

AIRPORT AIRSPACE DRAWING
PART 77 SURFACE PLAN
AIRPORT LAYOUT PLAN UPDATE
BARNWELL REGIONAL AIRPORT

PLANNING DOCUMENT
NOT RELEASED FOR CONSTRUCTION

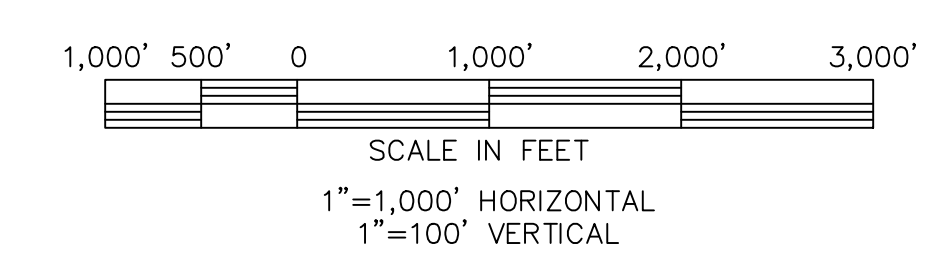
Designed JEL
Date DEC. 2015
Scale AS SHOWN
Drawn MWP
Checked PET
Project No. 2107-1301
Sheet No.

10
OF 14



- FAA PART 77 SURFACES**
- ① PRIMARY SURFACE, SAME ELEVATION AS RUNWAY
 - ② RUNWAY 17-35 APPROACH SURFACE 34:1 APPROACH SLOPE REQ. DIMENSIONS: 1,000'x10,000'x4,000'
 - ③ RUNWAY 5-23 APPROACH SURFACE 20:1 APPROACH SLOPE REQ. DIMENSIONS: 250'x5,000'x1,250'
 - ④ 7:1 TRANSITIONAL SURFACE EXTENDS TO ELEVATION 396'

- NOTES**
1. EXISTING AND ULTIMATE AIRPORT REFERENCE POINT — BEGINNING AT RUNWAY 17, THENCE ALONG THE CENTERLINE OF RUNWAY 17/35 N 19°21'45.4"E (TRUE) 2,167.60', THEN 1,018.70' SOUTHWEST TO THE EXISTING ARP COORDINATES LATITUDE 33°15'28.82" LONGITUDE 81°23'16.51"
 2. COORDINATES ARE BASED ON NAD83 DATUM, ELEVATIONS ARE BASED ON NGVD29 MEAN SEA LEVEL (MSL).
 3. ESTABLISHED AIRPORT ELEVATION 246' (MSL)
 4. SEE RUNWAY 17-35 AND RUNWAY 05-23 INNER APPROACH SURFACES PLAN AND PROFILE DRAWINGS, SHEETS 5 AND 6 OF 14, RUNWAY 17 AND RUNWAY 35 DEPARTURE SURFACE PLAN AND PROFILE DRAWINGS, SHEETS 7 AND 8 OF 14, AND THE RUNWAY 17-35 APPROACH/DEPARTURE SURFACE OBSTRUCTION DATA TABLES, SHEET 9 OF 14 FOR CLOSE-IN OBSTRUCTIONS.
 5. "AIRPORT SAFETY ORDINANCE" (HEIGHT RESTRICTION ORDINANCE) BARNWELL COUNTY ORDINANCE NO. 2002-167, ENACTED APRIL 2, 2002



MODIFICATION TO FAA DESIGN STANDARDS		
NO.	MODIFICATION	DATE
1		
2		
3		

ALBERT, BRIGHT & ELLINGTON
 ENGINEERING & PLANNING CONSULTANTS
 2000 PARK STREET, SUITE 101
 COLUMBIA, SOUTH CAROLINA 29201
 PHONE: 803-935-9280 FAX: 803-935-9205
 www.albertandbright.com

REV. NO.	DESCRIPTION	DATE
2	NEW END OF RUNWAY 5-23 COORDINATES FAA AND SCAC COMMENTS	03/02/15 01/16/15

AIRPORT AIRSPACE DRAWING
 PART 77 SURFACE PROFILES
 AIRPORT LAYOUT PLAN UPDATE
 BARNWELL REGIONAL AIRPORT

PLANNING DOCUMENT
 NOT RELEASED FOR CONSTRUCTION

Designed: JEL
 Date: DEC. 2015
 Scale: AS SHOWN
 Drawn: MWP
 Checked: PET
 Project No.: 2107-1301
 Sheet No.:

1301-ADD.dwg