



U.S. Department
of Transportation

**Federal Aviation
Administration**

Atlanta Airports District Office
1701 Columbia Ave., Room 220
Atlanta, GA 30337-2747
Office: (404) 305-6799
FAX: (404) 305-6798

June 1, 2020

Mr. Johnathan Bryan
Attorney
Sumter County
13 East Canal Street
Sumter, South Carolina 29150

**RE: Sumter Airport (SMS) Layout Plan Update
Airport Layout Plan (ALP) - Conditional Approval**

Dear Mr. Bryan:

We have completed our review of the updated Airport Layout Plan (ALP) for the Sumter Airport, SMS, (SC), and find it acceptable from a planning standpoint. The ALP was reviewed by the FAA (airspace study 2020-ASO-1715-NRA) and is conditionally approved. This determination does not constitute FAA approval or disapproval of the physical development involved in the proposal. It is a determination with respect to the safe and efficient use of navigable airspace by aircraft and with respect to the safety of persons and property on the ground.

In making this determination, the FAA has considered matters such as the effects the proposal would have on existing or planned traffic patterns of neighboring airports, the effects it would have on the existing airspace structure and projected programs of the FAA, the effects it would have on the safety of persons and property on the ground, and the effects that existing or proposed manmade objects (on file with the FAA), and known natural objects within the affected area would have on the airport proposal.

The FAA has only limited means to prevent the construction of structures near an airport. The airport sponsor has the primary responsibility to protect the airport environs through such means as local zoning ordinances, property acquisition, aviation easements, letters of agreement or other means.

This ALP approval is conditioned on acknowledgement that any development on airport property shall comply with the requirements of the National Environmental Policies Act of 1969 (P.L. 91-190) and must receive written approval from FAA prior to commencement of the subject development. This ALP approval is also conditioned on acceptance of the plan under local land use laws. We encourage appropriate agencies to adopt land use and height restrictive zoning based on the plan.

Approval of the plan does not indicate that the United States will participate in the cost of any development proposed. AIP funding requires evidence of eligibility and justification at the time a funding request is ripe for consideration. When construction of any proposed structure or development indicated

on the plan is undertaken, such construction requires normal 45-day advance notification to FAA for review in accordance with applicable Federal Aviation Regulations (i.e., Parts 77, 157, 152, etc.). More notice is generally beneficial to ensure that all statutory, regulatory, technical and operational issues can be addressed in a timely manner.

Please attach this letter to the Airport Layout Plan (ALP) and retain it in the airport. We wish you great success in your plans for the development of the airport.

Sincerely,

A handwritten signature in black ink, appearing to read "Chaim Van Prooyen". The signature is fluid and cursive, with a large initial "C" and a long, sweeping underline.

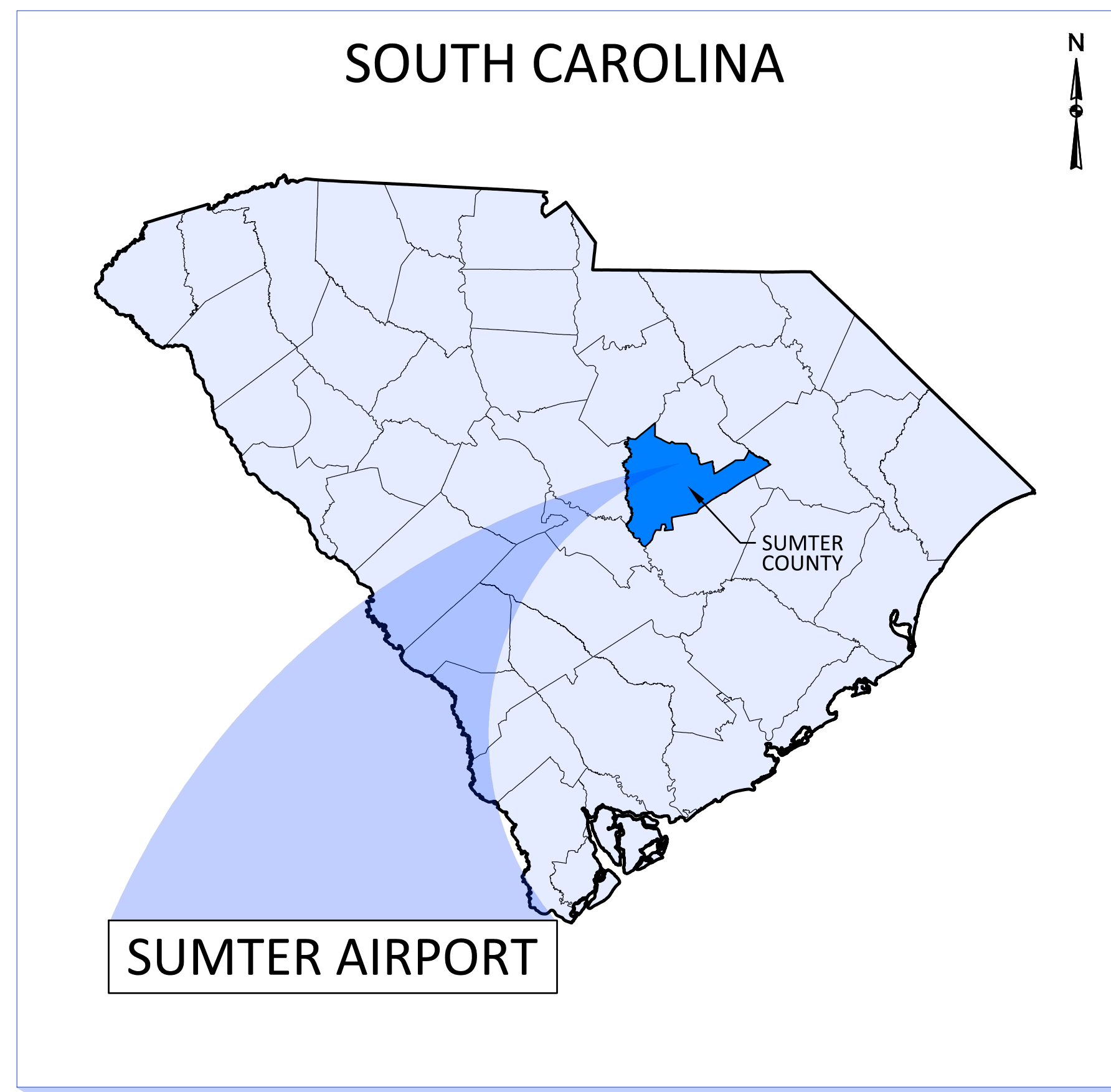
Chaim Van Prooyen
Aviation Planner & PFC Specialist

Enclosure

SUMTER AIRPORT AIRPORT LAYOUT PLAN UPDATE

SUMTER, SOUTH CAROLINA

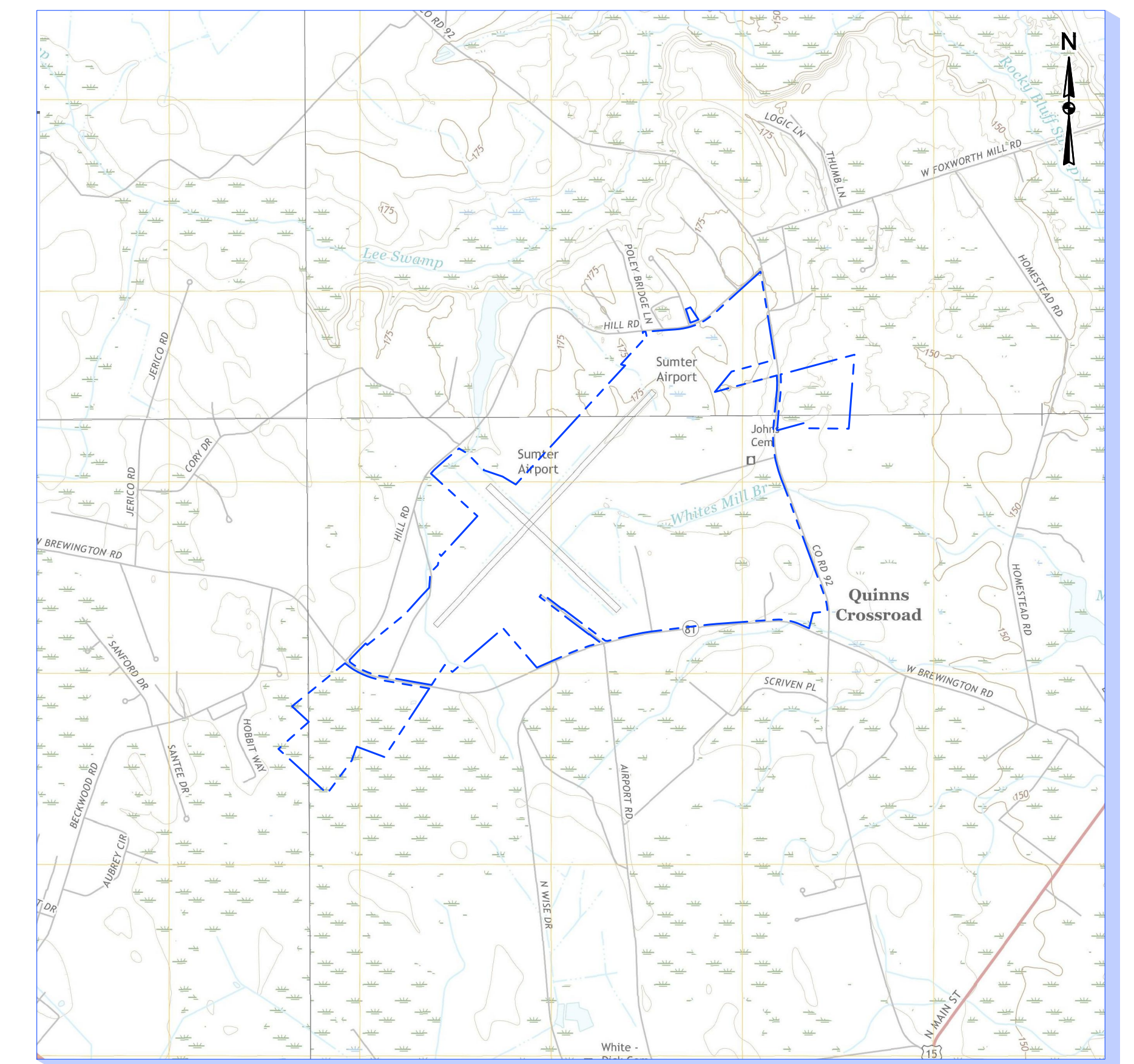
OCTOBER 2019



LOCATION MAP

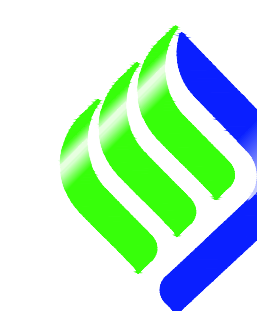
DRAWING INDEX

| SHEET NO. | TITLE |
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| 3 | AIRPORT DATA SHEET |
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| 10 | DEPARTURE SURFACE PLAN RUNWAY 23 |
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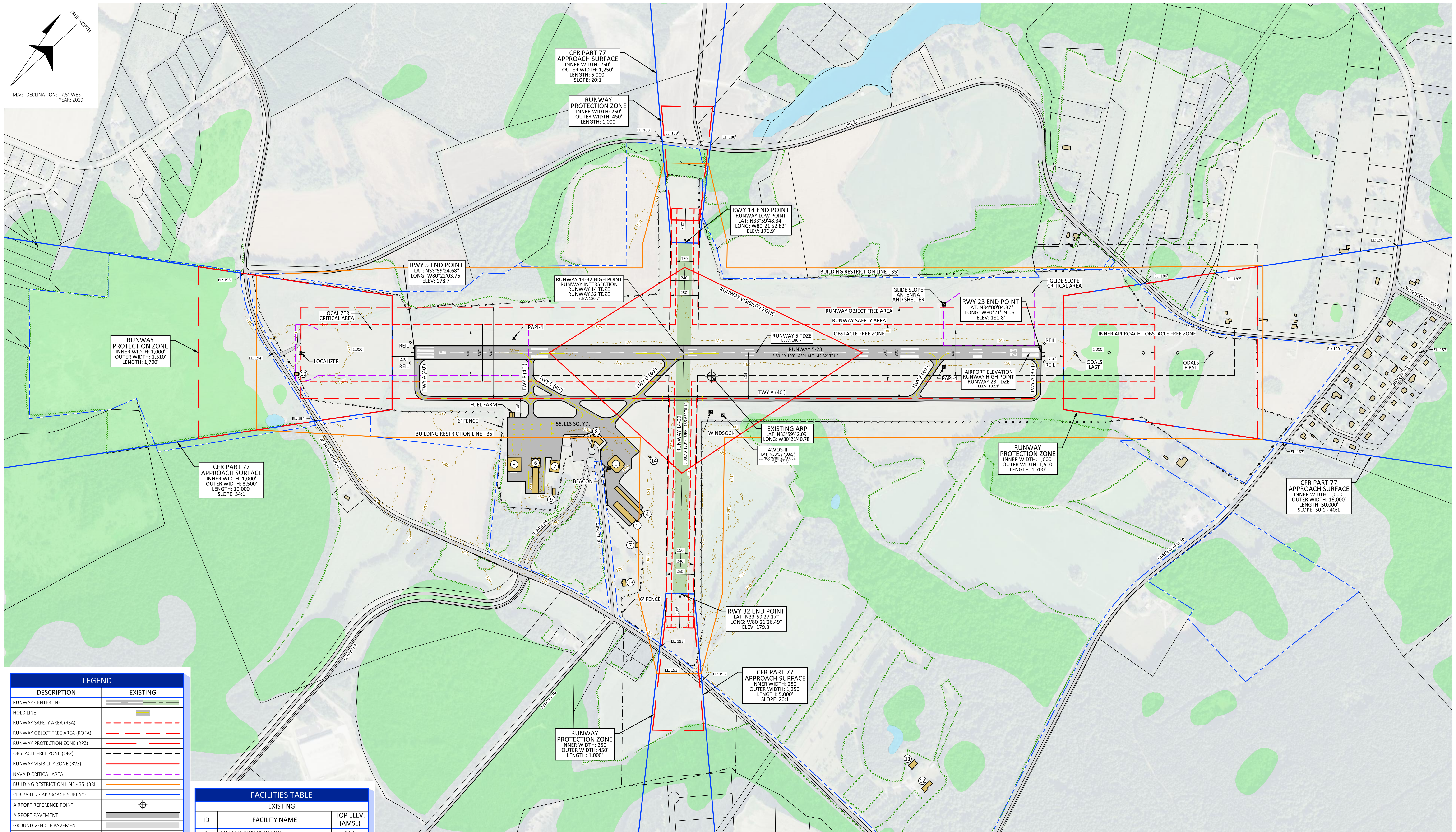
VICINITY MAP

PREPARED FOR:
SUMTER AIRPORT



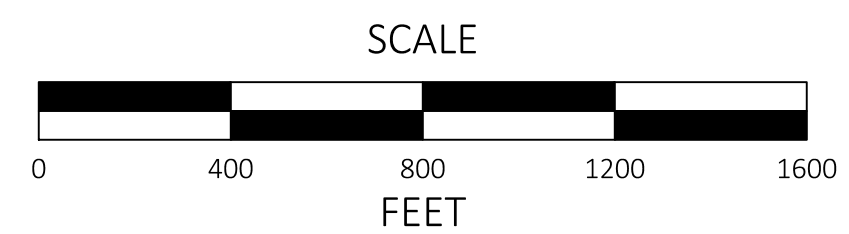
PREPARED BY:
McFarland Johnson
330 EAST COFFEE STREET,
GREENVILLE, SOUTH CAROLINA 29601 www.mjinc.com

FAA AIP PROJECT NO. 3-45-0054-023-2018
MCFARLAND JOHNSON PROJECT NO. 18434.00



| LEGEND | |
|---------------------------------------|----------|
| DESCRIPTION | EXISTING |
| RUNWAY CENTERLINE | |
| HOLD LINE | |
| RUNWAY SAFETY AREA (RSA) | |
| RUNWAY OBJECT FREE AREA (ROFA) | |
| RUNWAY PROTECTION ZONE (RPZ) | |
| OBSTACLE FREE ZONE (OFZ) | |
| RUNWAY VISIBILITY ZONE (RVZ) | |
| NAVAID CRITICAL AREA | |
| BUILDING RESTRICTION LINE - 35' (BRL) | |
| CFR PART 77 APPROACH SURFACE | |
| AIRPORT REFERENCE POINT | |
| AIRPORT PAVEMENT | |
| GROUND VEHICLE PAVEMENT | |
| TURF RUNWAY | |
| ON-AIRPORT BUILDINGS | |
| OFF-AIRPORT BUILDINGS | |
| AIRPORT PROPERTY | |
| AIRPORT EASEMENT | |
| PARCEL | |
| FENCE | |
| TREE LINE | |
| GROUND ELEVATION CONTOURS (10') | |
| WATER | |
| NWI WETLAND | |

| FACILITIES TABLE | | |
|------------------|---|------------------|
| EXISTING | | |
| ID | FACILITY NAME | TOP ELEV. (AMSL) |
| 1 | ON EAGLE'S WINGS HANGAR | 205.8' |
| 2 | PRIDE AVIATION HANGAR | UNKNOWN |
| 3 | CORPORATE HANGAR | UNKNOWN |
| 4 | 7-UNIT HANGAR | 195.0' |
| 5 | 10-UNIT HANGAR/EEA | UNKNOWN |
| 6 | 10-UNIT HANGAR/BOX HANGAR | 202.0' |
| 7 | CIVIL AIR PATROL | 188.0' |
| 8 | GENERAL AVIATION TERMINAL | 206.2' |
| 9 | MED TRANS | UNKNOWN |
| 10 | LOCALIZER EQUIPMENT SHELTER | UNKNOWN |
| 11 | CENTRAL CAROLINA TECHNICAL COLLEGE - NRTN | UNKNOWN |
| 12 | CENTRAL CAROLINA TECHNICAL COLLEGE - NRTN | UNKNOWN |
| 13 | RESIDENTIAL | UNKNOWN |
| 14 | ELECTRICAL VAULT | UNKNOWN |



NOTES:
 • ALL POSITIONAL DATA REFERENCES NORTH AMERICAN DATUM OF 1983 (NAD83) AND NORTH AMERICAN VERTICAL DATUM 1988 (NGVD88).

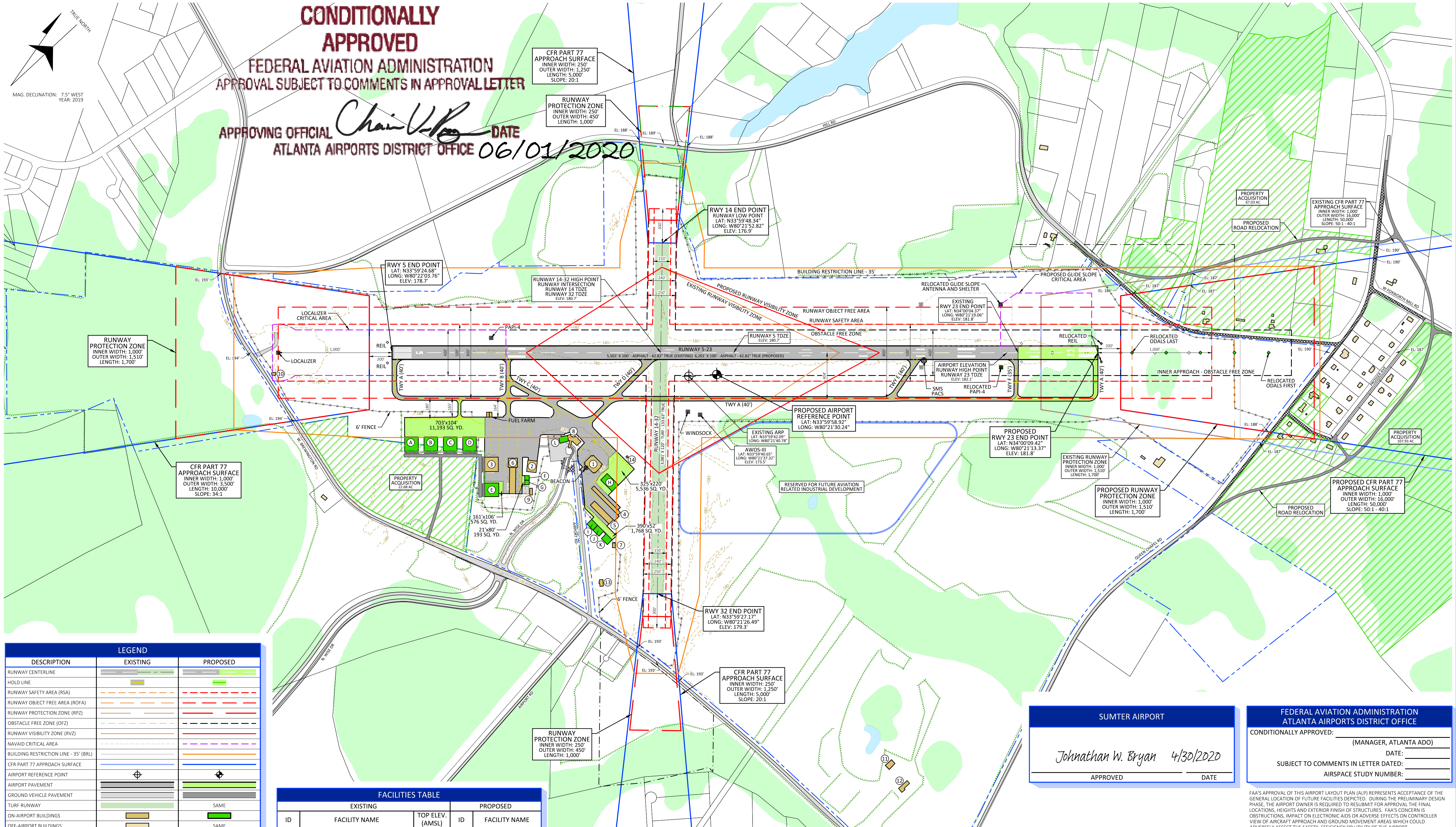
| REV | DATE | DESCRIPTION | BY | SPONSOR |
|-----|------|-------------|----|---------|
| | | | | |
| | | | | |
| | | | | |
| | | | | |

SUMTER AIRPORT
SUMTER, SOUTH CAROLINA

EXISTING AIRPORT LAYOUT

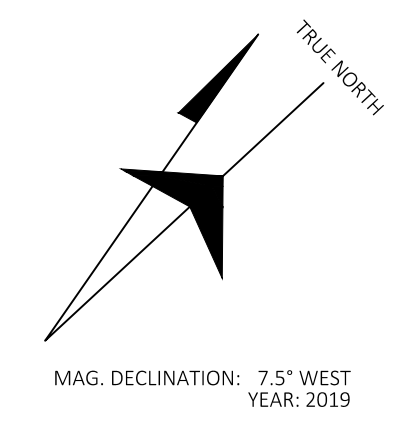
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| SCALE: 1" = 400' | DESIGN: ZN | SHEET: 01 |
| DRAWN: NE | PROJECT: 18434.00 | |
| CHECKED: ZN | DATE: OCTOBER 2019 | |





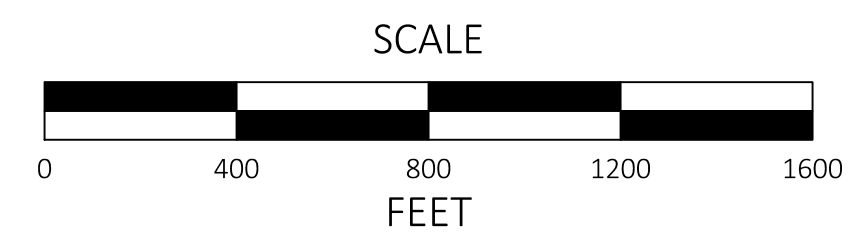
CONDITIONALLY APPROVED
FEDERAL AVIATION ADMINISTRATION
 APPROVAL SUBJECT TO COMMENTS IN APPROVAL LETTER

APPROVING OFFICIAL *Chai V. [Signature]* DATE **06/01/2020**
 ATLANTA AIRPORTS DISTRICT OFFICE



| LEGEND | | |
|---------------------------------------|----------|----------|
| DESCRIPTION | EXISTING | PROPOSED |
| RUNWAY CENTERLINE | [Symbol] | [Symbol] |
| HOLD LINE | [Symbol] | [Symbol] |
| RUNWAY SAFETY AREA (RSA) | [Symbol] | [Symbol] |
| RUNWAY OBJECT FREE AREA (ROFA) | [Symbol] | [Symbol] |
| RUNWAY PROTECTION ZONE (RPZ) | [Symbol] | [Symbol] |
| OBSTACLE FREE ZONE (OFZ) | [Symbol] | [Symbol] |
| RUNWAY VISIBILITY ZONE (RVZ) | [Symbol] | [Symbol] |
| NAVAID CRITICAL AREA | [Symbol] | [Symbol] |
| BUILDING RESTRICTION LINE - 35' (BRL) | [Symbol] | [Symbol] |
| CFR PART 77 APPROACH SURFACE | [Symbol] | [Symbol] |
| AIRPORT REFERENCE POINT | [Symbol] | [Symbol] |
| AIRPORT PAVEMENT | [Symbol] | [Symbol] |
| GROUND VEHICLE PAVEMENT | [Symbol] | [Symbol] |
| TURF RUNWAY | [Symbol] | [Symbol] |
| ON-AIRPORT BUILDINGS | [Symbol] | [Symbol] |
| OFF-AIRPORT BUILDINGS | [Symbol] | [Symbol] |
| TO BE REMOVED | [Symbol] | [Symbol] |
| AIRPORT PROPERTY | [Symbol] | [Symbol] |
| AIRPORT EASEMENT | [Symbol] | [Symbol] |
| PARCEL | [Symbol] | [Symbol] |
| FENCE | [Symbol] | [Symbol] |
| TREE LINE | [Symbol] | [Symbol] |
| GROUND ELEVATION CONTOURS (10') | [Symbol] | [Symbol] |
| WATER | [Symbol] | [Symbol] |
| NWI WETLAND | [Symbol] | [Symbol] |
| NAVAIDS | [Symbol] | [Symbol] |
| PACS MONUMENT | [Symbol] | [Symbol] |

| FACILITIES TABLE | | | | |
|------------------|---|------------------|----|--------------------------|
| EXISTING | | PROPOSED | | |
| ID | FACILITY NAME | TOP ELEV. (AMSL) | ID | FACILITY NAME |
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| 5 | 10-UNIT HANGAR/EA | UNKNOWN | E | CONVENTIONAL HANGAR |
| 6 | 10-UNIT HANGAR/BOX HANGAR | 202.0' | F | CONVENTIONAL HANGAR |
| 7 | CIVIL AIR PATROL | 188.0' | G | CONVENTIONAL HANGAR |
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| 10 | LOCALIZER EQUIPMENT SHELTER | UNKNOWN | J | CONVENTIONAL HANGAR |
| 11 | CENTRAL CAROLINA TECHNICAL COLLEGE - NRTN | UNKNOWN | K | CONVENTIONAL HANGAR |
| 12 | CENTRAL CAROLINA TECHNICAL COLLEGE - NRTN | UNKNOWN | L | FBO EXPANSION - 3,940 SF |
| 13 | RESIDENTIAL | UNKNOWN | | |
| 14 | ELECTRICAL VAULT | UNKNOWN | | |



NOTES:
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SUMTER AIRPORT

Johnathan W. Bryan 4/30/2020

APPROVED DATE

FEDERAL AVIATION ADMINISTRATION
 ATLANTA AIRPORTS DISTRICT OFFICE

CONDITIONALLY APPROVED: _____
 (MANAGER, ATLANTA ADD)

DATE: _____

SUBJECT TO COMMENTS IN LETTER DATED: _____

AIRSPACE STUDY NUMBER: _____

| REV | DATE | DESCRIPTION | BY | SPONSOR |
|-----|------|-------------|----|---------|
| | | | | |
| | | | | |
| | | | | |

SCALE: 1" = 400'

DRAWN: NE

CHECKED: ZN

DESIGN: ZN

PROJECT: 18434.00

DATE: OCTOBER 2019

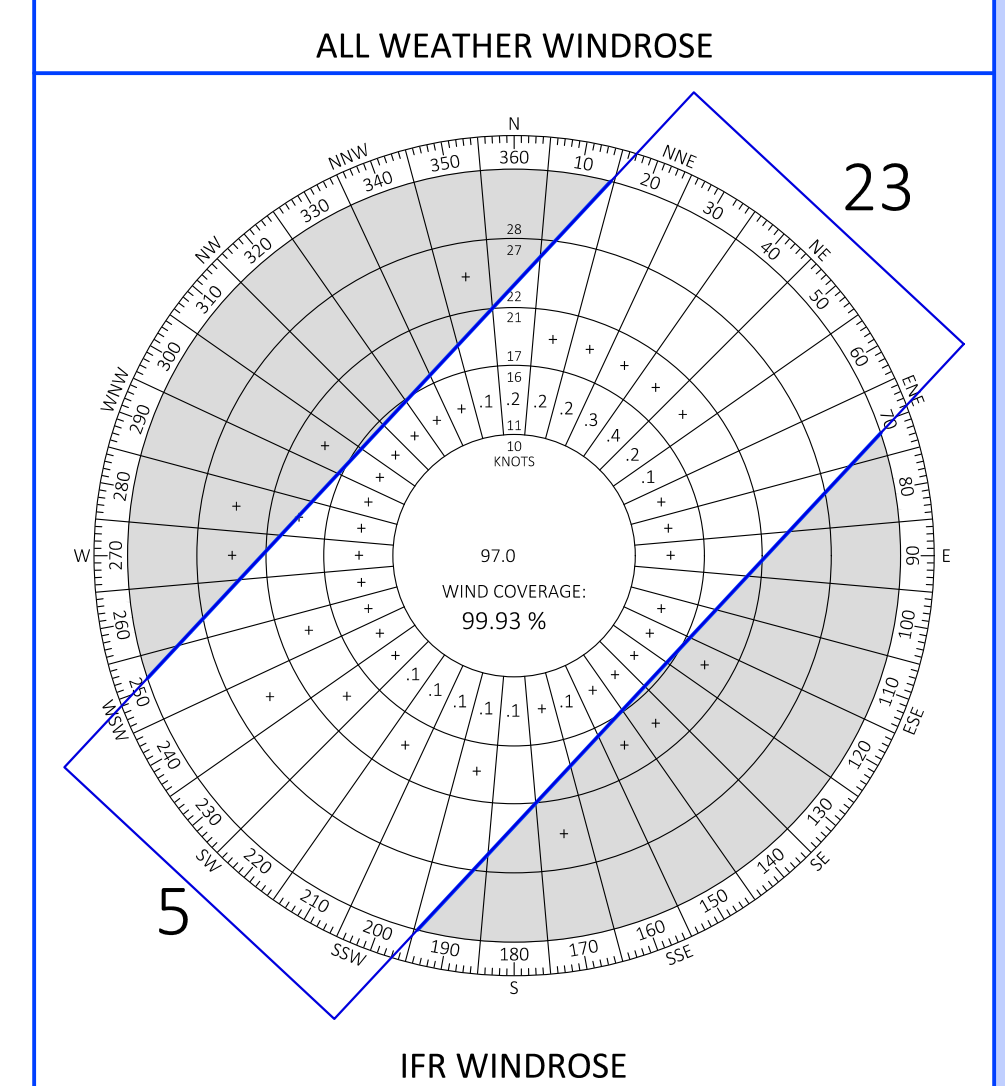
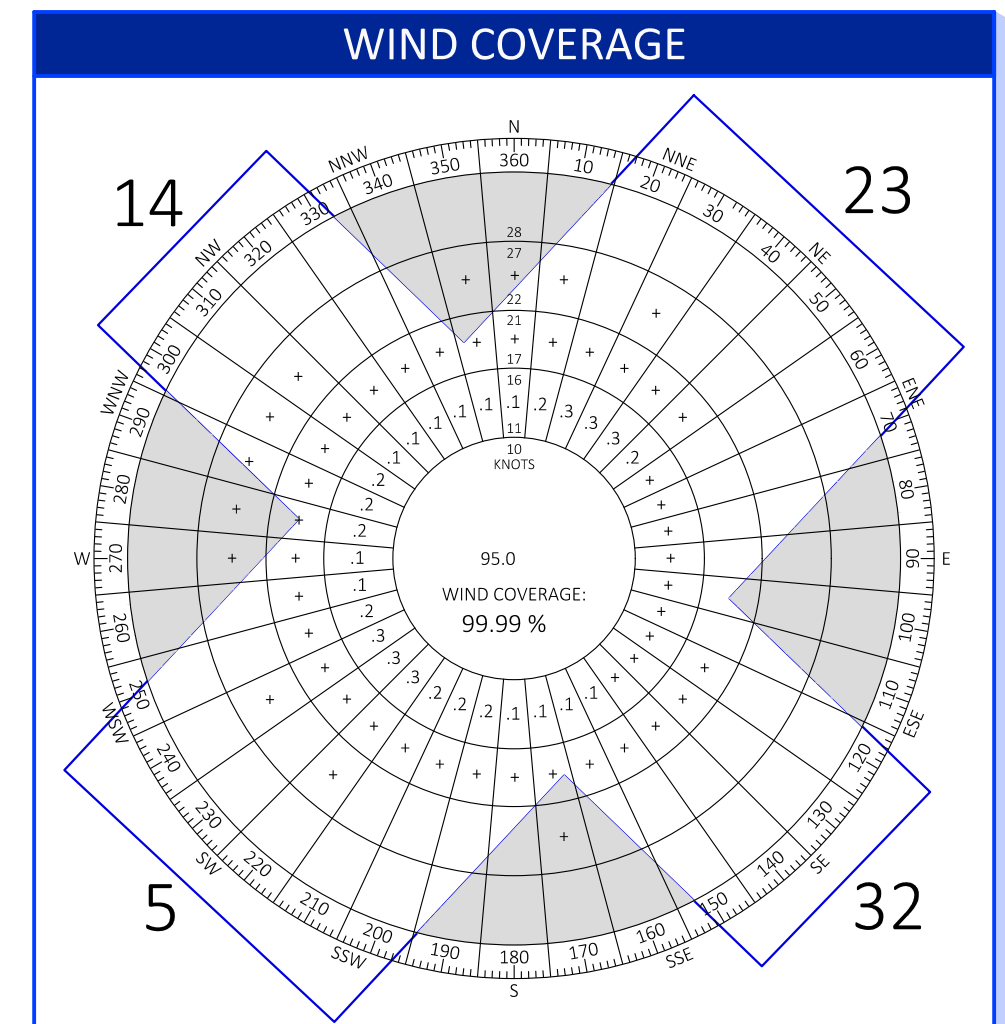
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| RUNWAY DATA TABLE | | | |
|--|--------------------------------|--------------------|-----------------------|
| ITEM | RUNWAY 5-23 | | RUNWAY 14-32 |
| | EXISTING | PROPOSED | EXISTING AND PROPOSED |
| RUNWAY DESIGN CODE (RDC) | C-II | SAME | B-I |
| APPROACH REFERENCE CODE (APRC) | C/II/4000 | SAME | B/I(s)/VIS |
| DEPARTURE REFERENCE CODE (DPRC) | C/II | SAME | B/I |
| CRITICAL AIRCRAFT | ASTRA 1125 (G100) | SAME | CESSNA AG WAGON |
| PAVEMENT STRENGTH | SINGLE WHEEL | 31,500 LBS | N/A |
| | DUAL WHEEL | 42,500 LBS | N/A |
| | DUAL TANDEM | N/A | N/A |
| | PCN | 12/F/D/Y/T | N/A |
| SURFACE TYPE | ASPHALT - GROOVED | SAME | TURF-GRASS |
| EFFECTIVE RUNWAY GRADIENT | 0.06% | 0.05% | 0.08% |
| MAXIMUM GRADE CHANGE | 0.82% | SAME | 1.12% |
| WIND COVERAGE (%) | ALL WEATHER | 16 KNOT - 99.89% | 16 KNOT - 99.79% |
| | IFR | 16 KNOT - 99.93% | N/A |
| RUNWAY LENGTH | 5,501' | 6,201' | 3,081' |
| RUNWAY WIDTH | 100' | SAME | 120' |
| DISPLACED THRESHOLD | NONE | SAME | NONE |
| RUNWAY END COORDINATES | LATITUDE | 5 - N33°59'24.68" | 14 - N33°59'48.34" |
| | LONGITUDE | 5 - W80°22'03.76" | 14 - W80°21'52.82" |
| | LATITUDE | 23 - N34°00'04.67" | 32 - N33°59'27.17" |
| | LONGITUDE | 23 - W80°21'19.06" | 32 - W80°21'26.49" |
| RUNWAY LIGHTING | MIRL | SAME | N/A |
| RUNWAY MARKING | NPI / PIR | SAME | N/A |
| CFR PART 77 APPROACH TYPE | NPI / PIR | SAME | VIS / VIS |
| CFR PART 77 APPROACH CATEGORY | C / PIR | SAME | A / A |
| CFR PART 77 APPROACH SLOPE | 34:1 / 50:1 - 40:1 | SAME | 20:1 / 20:1 |
| VISIBILITY MINIMUMS | 3/4 MILE / 3/4 MILE | SAME | VIS / VIS |
| TYPE OF AERONAUTICAL SURVEY | VERTICALLY GUIDED | SAME | NON-VERTICALLY GUIDED |
| RUNWAY DEPARTURE SURFACE | YES | SAME | NO |
| AIRPORT DESIGN APPROACH SURFACE FROM TABLE 3-2 IN EB #99 | #4, #6 / #4, #6 | SAME | #2 / #2 |
| OBSTRUCTIONS | NONE / NONE | SAME | NONE / NONE |
| RUNWAY PROTECTION ZONE (RPZ) | INNER WIDTH | 1,000' | 250' |
| | OUTER WIDTH | 1,510' | 450' |
| | LENGTH | 1,700' | 1,000' |
| RUNWAY OBJECT FREE AREA (ROFA) | LENGTH BEYOND RUNWAY | 1,000' / 1,000' | 300' / 300' |
| | WIDTH | 800' | 240' |
| RUNWAY SAFETY AREA (RSA) | LENGTH BEYOND RUNWAY | 1,000' / 1,000' | 300' / 300' |
| | WIDTH | 500' | 150' |
| OBSTACLE FREE ZONE (OFZ) | LENGTH BEYOND RUNWAY | 200' | 200' |
| | WIDTH | 400' | 250' |
| VISUAL APPROACH AIDS | PAPI, REIL / PAPI, REIL, ODALS | SAME | NONE |
| INSTRUMENT APPROACH AIDS | GPS / GPS, LOC | SAME | NONE |
| MAXIMUM ELEVATION | 182.1' | SAME | 180.7' |
| RUNWAY END ELEVATIONS | 178.7' / 181.8' | SAME | 176.9' / 179.3' |
| DISPLACED THRESHOLD ELEVATION | N/A | SAME | N/A |
| TOUCH DOWN ZONE (TDZ) ELEVATION | 180.7' / 182.1' | SAME | 180.7' / 180.7' |
| LINE OF SIGHT VIOLATIONS | NONE | SAME | NONE |

| AIRPORT DATA TABLE | | |
|---|------------------------------|---------------|
| ITEM | EXISTING | PROPOSED |
| AIRPORT REFERENCE CODE (ARC) | C-II | SAME |
| MEAN MAXIMUM TEMPERATURE OF HOTTEST MONTH | 90°F | SAME |
| AIRPORT ELEVATION | 182.1' | SAME |
| AIRPORT NAVIGATIONAL AIDS | BEACON, LIGHTED WINDSOCK | SAME |
| AIRPORT REFERENCE POINT | LATITUDE | N33°59'42.09" |
| | LONGITUDE | W80°21'40.78" |
| MISCELLANEOUS FACILITIES | AWOS-III, UNICOM | SAME |
| CRITICAL AIRCRAFT | ASTRA 1125 (G100) | SAME |
| MAGNETIC VARIATION (SOURCE: NGS, 2019) | 7.5° W | SAME |
| NPIAS SERVICE LEVEL | GENERAL AVIATION (GA) | SAME |
| STATE SERVICE LEVEL | SC-II, CORPORATE/BUSINESS GA | SAME |
| COMBINED WIND COVERAGE (%) | ALL WEATHER | 100.00% |
| | IFR | 99.93% |
| AIRCRAFT APPROACH CATEGORY (AAC) | C | SAME |
| AIRPLANE DESIGN GROUP (ADG) | II | SAME |
| TAXIWAY DESIGN GROUP (TDG) | 2 | SAME |
| TAXIWAY SAFETY AREA (TSA) WIDTH | 79' | SAME |
| TAXIWAY OBJECT FREE AREA (TOFA) WIDTH | 131' | SAME |
| TAXILANE OBJECT FREE AREA (TLOFA) WIDTH | 115' | SAME |
| TAXIWAY EDGE SAFETY MARGIN (TESM) | 7.5' | SAME |
| TAXIWAY LIGHTING | MITL | SAME |
| TAXIWAY MARKING | BASIC | SAME |
| TAXIWAY SURFACE TYPE | ASPHALT | SAME |
| TAXIWAY WIDTH | 40' | SAME |



SOURCE: NOAA - SUMTER AIRPORT 2009-2018

| WIND COVERAGE | | | |
|---------------|------------|----------|----------|
| | 10.5 KNOTS | 13 KNOTS | 16 KNOTS |
| ALL WEATHER | | | |
| RUNWAY 5-23 | 98.61% | 99.33% | 99.89% |
| RUNWAY 14-32 | 96.98% | 98.40% | 99.79% |
| COMBINED | 99.88% | 99.98% | 100.00% |
| IFR | | | |
| RUNWAY 5-23 | 99.28% | 99.71% | 99.93% |

| RUNWAY SAFETY AREA DETERMINATION | | | | | |
|----------------------------------|---------------------------------------|--------------------------|--|-------------------|---------------|
| RUNWAY ID | STANDARD RSA LENGTH BEYOND RUNWAY END | ACTUAL RSA | | RSA DETERMINATION | DATE APPROVED |
| | | LENGTH BEYOND RUNWAY END | VIOLATIONS TO RSA ALONG SIDE OF RUNWAY | | |
| 5 | 1,000' | 1,000' | NONE | N/A | N/A |
| 23 | 1,000' | 1,000' | NONE | N/A | N/A |
| 14 | 300' | 300' | NONE | N/A | N/A |
| 32 | 300' | 300' | NONE | N/A | N/A |

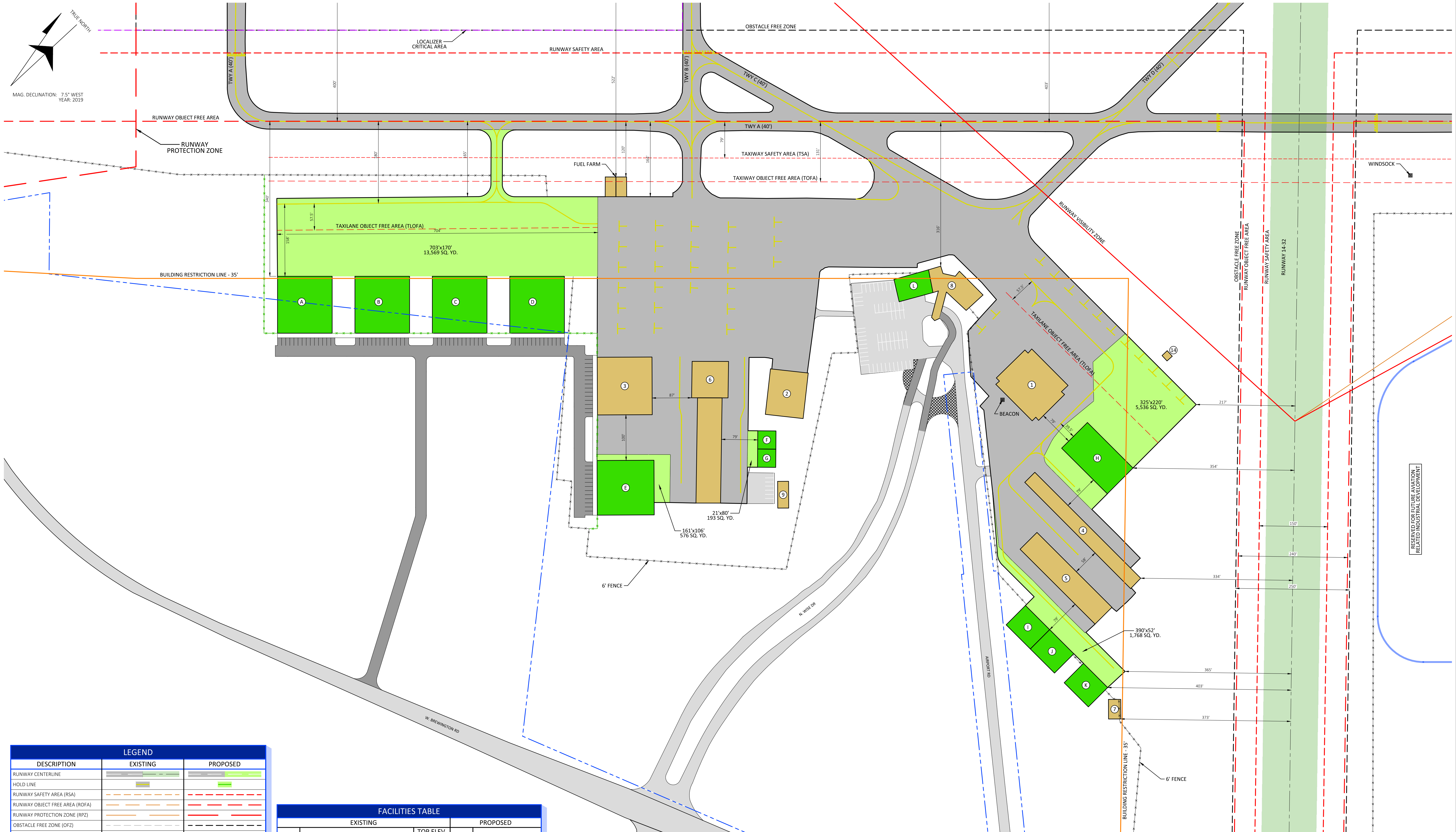
| DECLARED DISTANCES | | | | | |
|--------------------|-------|-------|-------|-------|---------------|
| APPROACH END ID | TORA | TODA | ASDA | LDA | DATE APPROVED |
| RUNWAY 5-23 | | | | | |
| 5 | 5,501 | 5,501 | 5,501 | 5,501 | N/A |
| 23 | 5,501 | 5,501 | 5,501 | 5,501 | |
| RUNWAY 14-32 | | | | | |
| 14 | 3,081 | 3,081 | 3,081 | 3,081 | N/A |
| 32 | 3,081 | 3,081 | 3,081 | 3,081 | |

| MODIFICATION TO DESIGN STANDARDS | | | | | |
|----------------------------------|--------------------------------|--|---------------------------------|-----------------|---------------|
| NO. | STANDARD MODIFIED | FAA STANDARDS | EXISTING CONDITION | PROPOSED ACTION | DATE APPROVED |
| 1 | RUNWAY OBJECT FREE AREA (ROFA) | ROFA NEEDS TO BE CLEAR OF ABOVE-GROUND OBJECTS PROTRUDING ABOVE THE NEAREST POINT OF THE RSA | AIRFIELD FENCE ENCROACHING ROFA | NONE | PENDING |

| | | | | | |
|-----|------|-------------|----------|--|--------------------|
| | | | | SUMTER AIRPORT SUMTER, SOUTH CAROLINA | |
| | | | | AIRPORT DATA SHEET | |
| REV | DATE | DESCRIPTION | BY | SPONSOR | |
| | | | SCALE: | NONE | DESIGN: ZN |
| | | | DRAWN: | NE | PROJECT: 18434.00 |
| | | | CHECKED: | ZN | DATE: OCTOBER 2019 |
| | | | | | 03 |

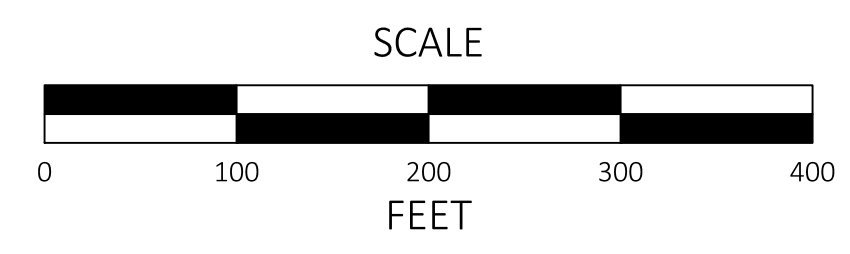
NOTES:
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| LEGEND | | |
|---------------------------------------|----------|----------|
| DESCRIPTION | EXISTING | PROPOSED |
| RUNWAY CENTERLINE | | |
| HOLD LINE | | |
| RUNWAY SAFETY AREA (RSA) | | |
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| BUILDING RESTRICTION LINE - 35' (BRL) | | |
| AIRPORT PAVEMENT | | |
| GROUND VEHICLE PAVEMENT | | |
| TURF RUNWAY | | |
| ON-AIRPORT BUILDINGS | | |
| OFF-AIRPORT BUILDINGS | | |
| TO BE REMOVED | | |
| AIRPORT PROPERTY | | |
| FENCE | | |

| FACILITIES TABLE | | | | | |
|------------------|---------------------------|------------------|----------|--------------------------|--|
| EXISTING | | | PROPOSED | | |
| ID | FACILITY NAME | TOP ELEV. (AMSL) | ID | FACILITY NAME | |
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| 3 | CORPORATE HANGAR | UNKNOWN | C | CONVENTIONAL HANGAR | |
| 4 | 7-UNIT HANGAR | 195.0' | D | CONVENTIONAL HANGAR | |
| 5 | 10-UNIT HANGAR/EAA | UNKNOWN | E | CONVENTIONAL HANGAR | |
| 6 | 10-UNIT HANGAR/BOX HANGAR | 202.0' | F | CONVENTIONAL HANGAR | |
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| 8 | GENERAL AVIATION TERMINAL | 206.2' | H | CONVENTIONAL HANGAR | |
| 9 | MED TRANS | UNKNOWN | I | CONVENTIONAL HANGAR | |
| 14 | ELECTRICAL VAULT | UNKNOWN | J | CONVENTIONAL HANGAR | |
| | | | K | CONVENTIONAL HANGAR | |
| | | | L | FBO EXPANSION - 3,940 SF | |

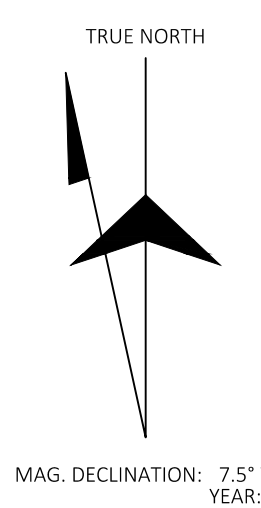
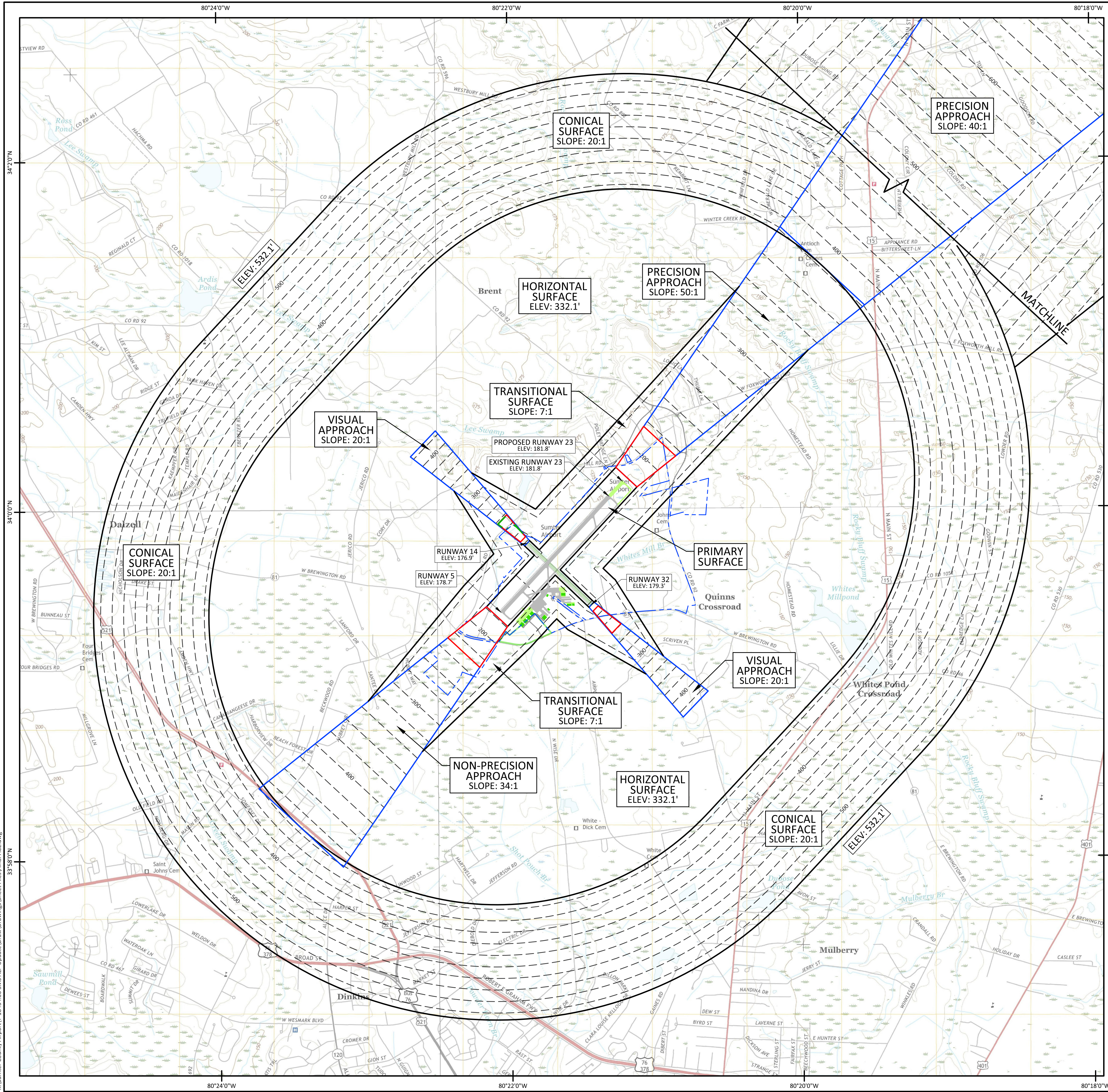


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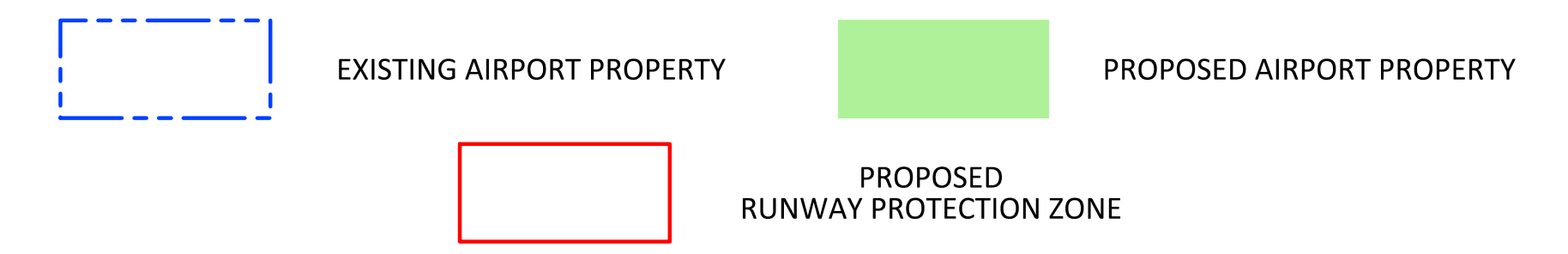
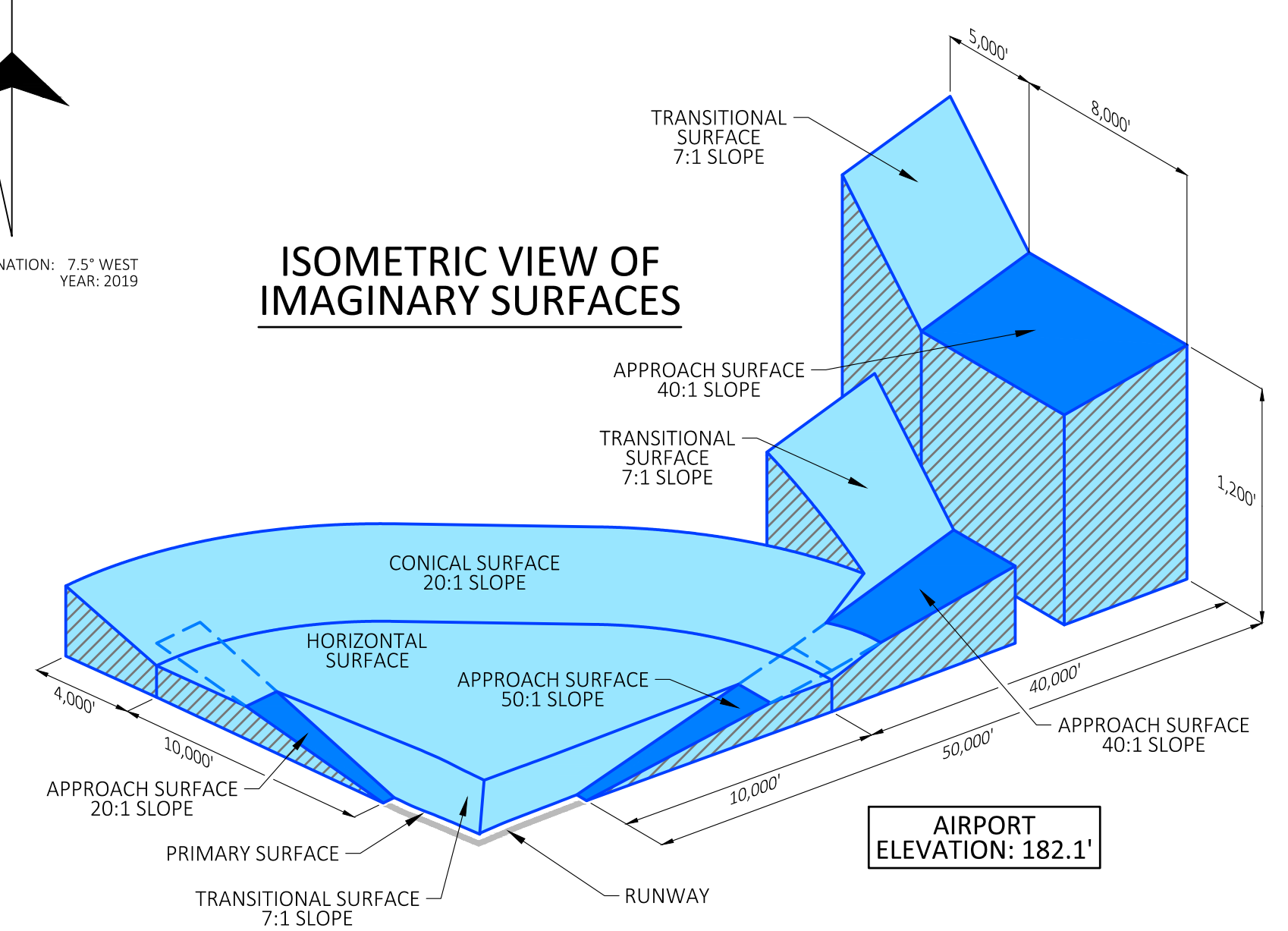
| | | | |
|--|------|--------------------|------------|
| SUMTER AIRPORT SUMTER, SOUTH CAROLINA | | | |
| TERMINAL AREA PLAN | | | |
| REV | DATE | DESCRIPTION | BY SPONSOR |
| | | | |
| SCALE: 1" = 100' | | DESIGN: ZN | SHEET: 04 |
| DRAWN: NE | | PROJECT: 18434.00 | |
| CHECKED: ZN | | DATE: OCTOBER 2019 | |



K:\Sumter County\Airport\18434_00_SMS_AIP_Update\Drawings\Sheet Files\TERMINAL.dwg

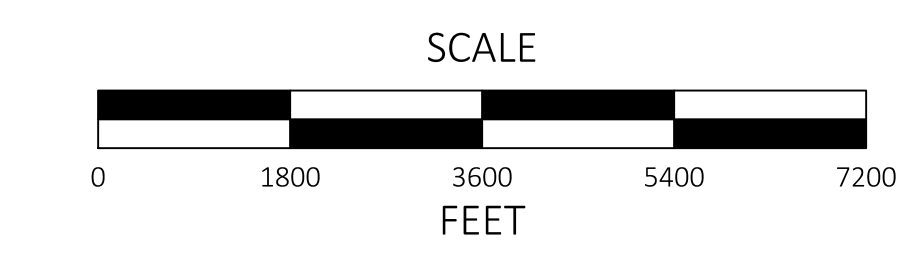


ISOMETRIC VIEW OF IMAGINARY SURFACES



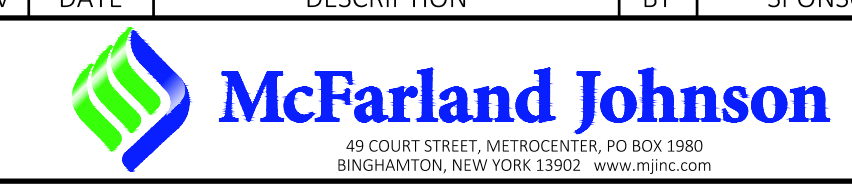
NO IDENTIFIED OBSTRUCTIONS

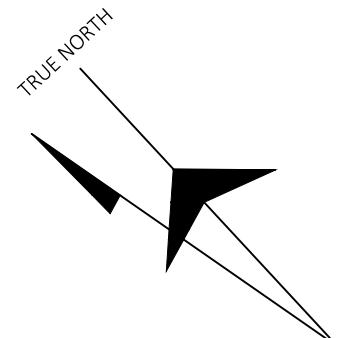
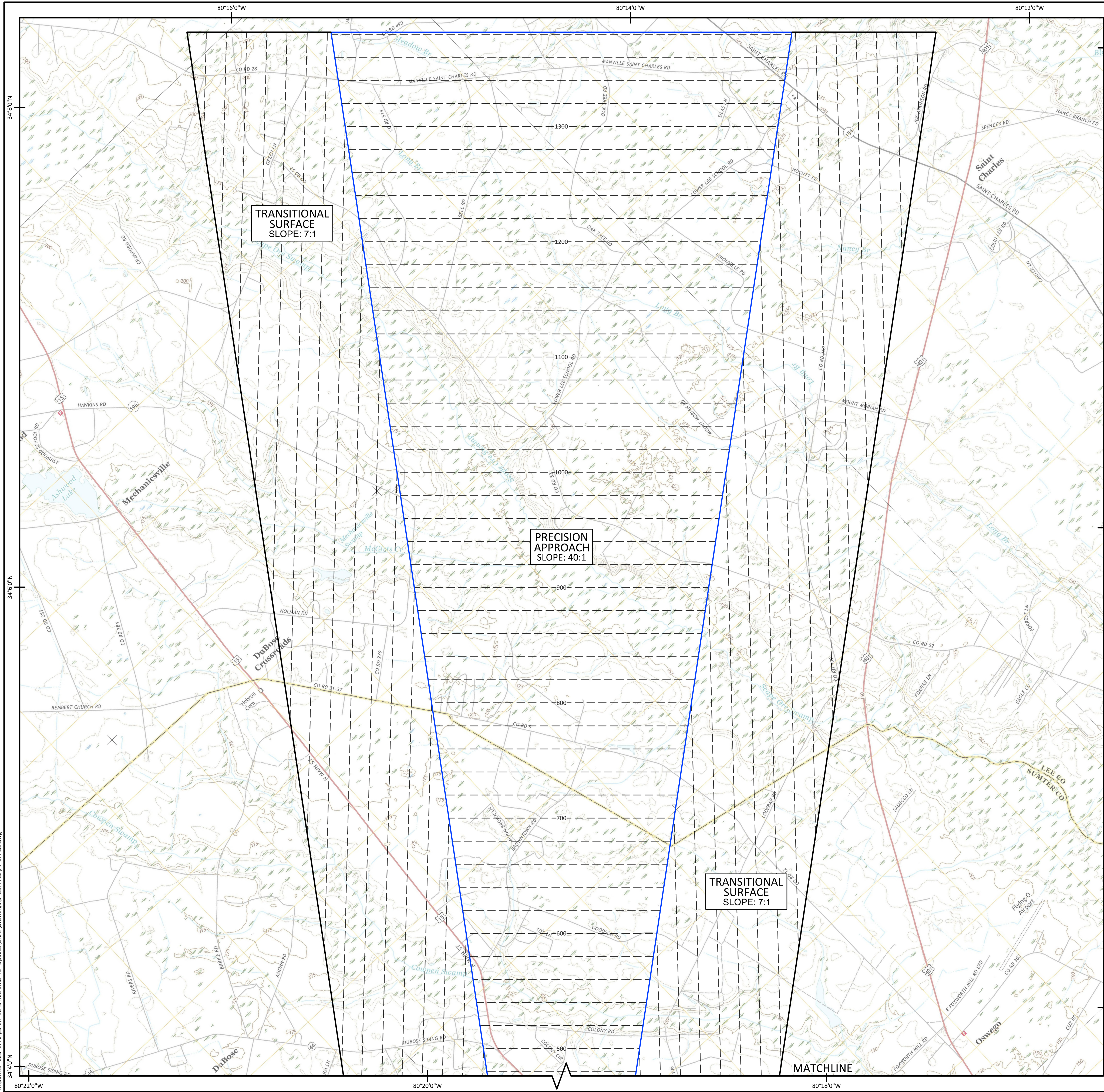
| USGS QUADRANGLES | | |
|----------------------------------|---------------------------------------|------------------------------|
| | BISHOPVILLE WEST, SOUTH CAROLINA 2017 | |
| DAZELL, SOUTH CAROLINA 2017 | OSWEGO, SOUTH CAROLINA 2017 | ELLIOTT, SOUTH CAROLINA 2017 |
| SUMTER WEST, SOUTH CAROLINA 2017 | SUMTER EAST, SOUTH CAROLINA 2017 | |



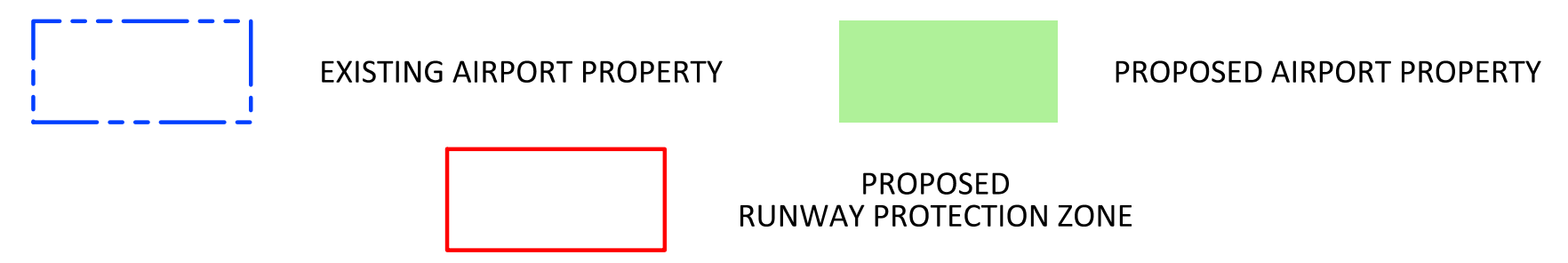
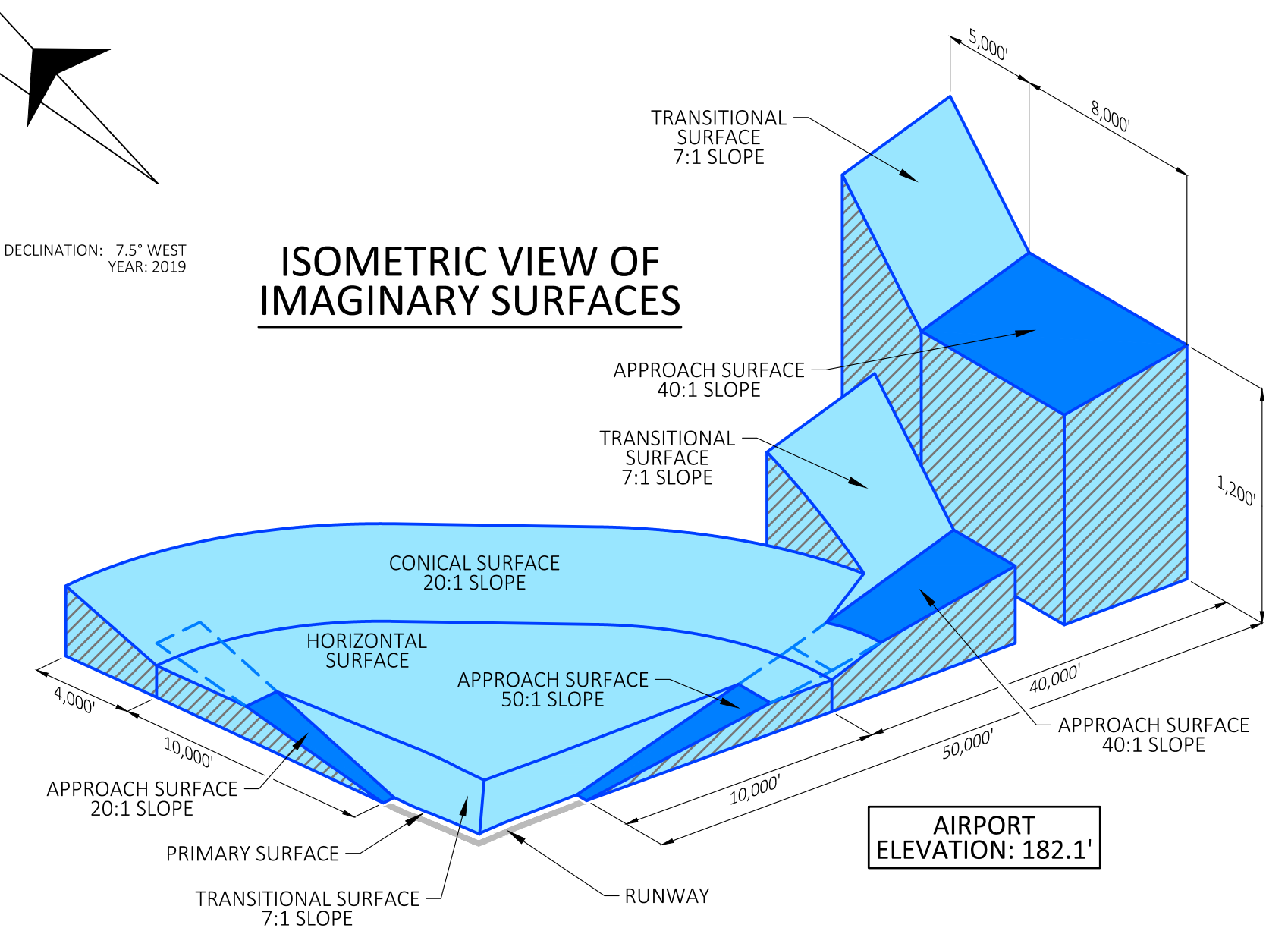
- NOTES:**
- FOR INNER APPROACH OBSTRUCTIONS PLEASE REFER TO SHEETS 07 THRU 09.
 - ALL POSITIONAL DATA REFERENCES NORTH AMERICAN DATUM OF 1983 (NAD83) AND NORTH AMERICAN VERTICAL DATUM 1988 (NAVD88).
 - ALL ELEVATIONS SHOWN ARE AMSL.

| | | | | |
|---|------|--------------------|------------------|---------|
| SUMTER AIRPORT SUMTER, SOUTH CAROLINA | | | | |
| AIRPORT AIRSPACE PLAN | | | | |
| REV | DATE | DESCRIPTION | BY | SPONSOR |
| | | | | |
| SCALE: 1" = 1,800' | | DESIGN: ZN | SHEET: 05 | |
| DRAWN: NE | | PROJECT: 18434.00 | | |
| CHECKED: ZN | | DATE: OCTOBER 2019 | | |



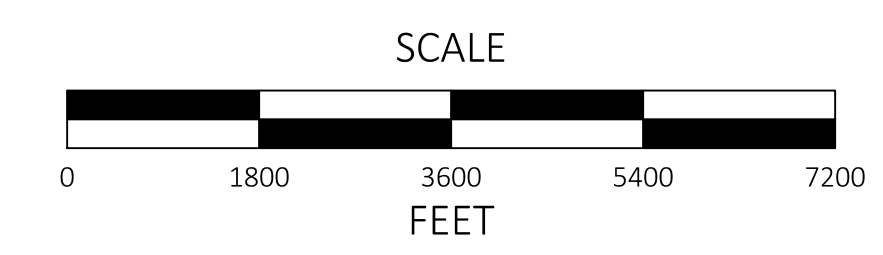


MAG. DECLINATION: 7.5° WEST
YEAR: 2019



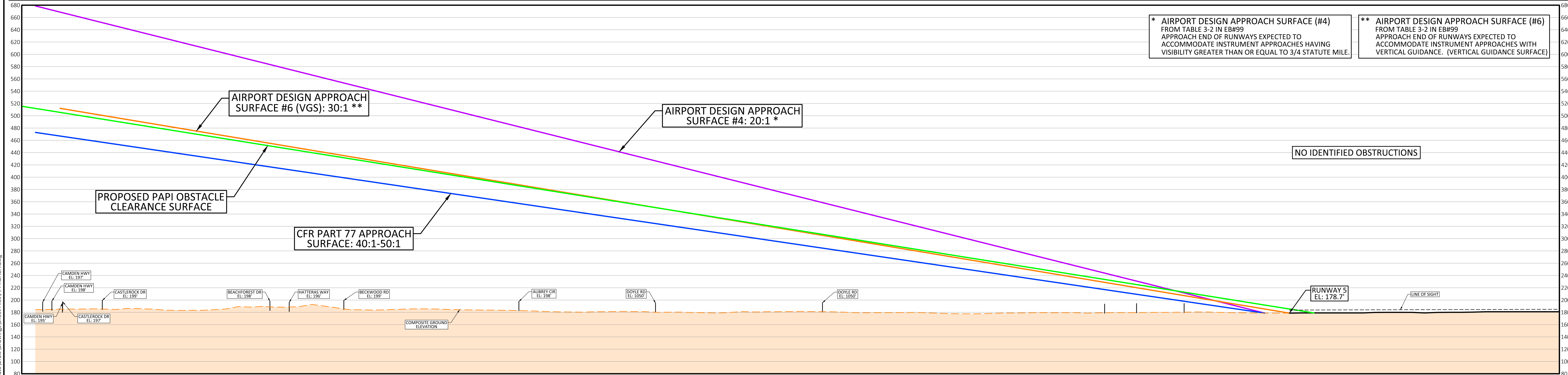
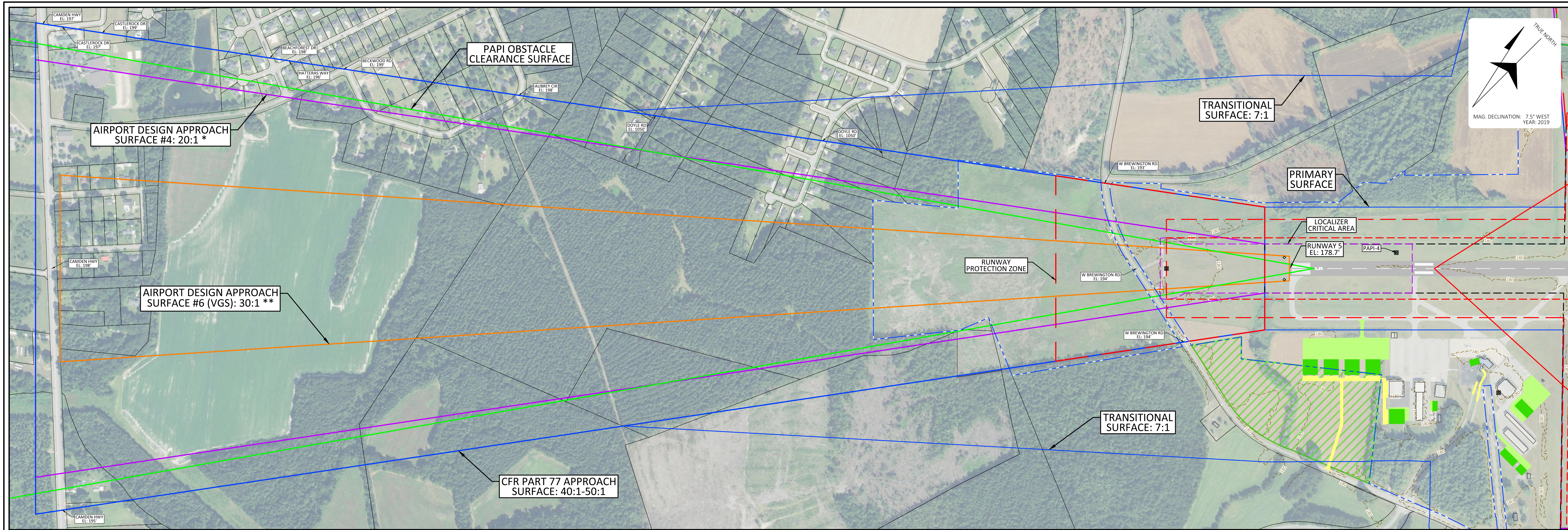
NO IDENTIFIED OBSTRUCTIONS

| USGS QUADRANGLES | | |
|--|---|------------------------------------|
| | BISHOPVILLE WEST, SOUTH CAROLINA 2017 | |
| DAZELL, SOUTH CAROLINA 2017 | OSWEGO, SOUTH CAROLINA 2017 | ELLIOTT, SOUTH CAROLINA 2017 |
| SUMTER WEST, SOUTH CAROLINA 2017 | SUMTER EAST, SOUTH CAROLINA 2017 | |



- NOTES:
- FOR INNER APPROACH OBSTRUCTIONS PLEASE REFER TO SHEETS 07 THRU 09.
 - ALL POSITIONAL DATA REFERENCES NORTH AMERICAN DATUM OF 1983 (NAD83) AND NORTH AMERICAN VERTICAL DATUM 1988 (NAVD88).
 - ALL ELEVATIONS SHOWN ARE AMSL.

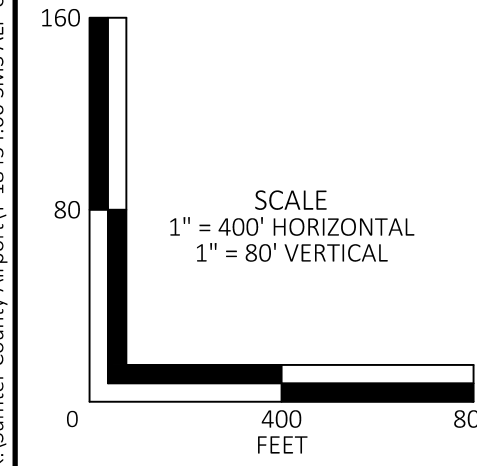
| | | | | |
|---|------|-------------|----|---------|
| <p style="text-align: center;">SUMTER AIRPORT SUMTER, SOUTH CAROLINA</p> <p style="text-align: center;">OUTER AIRPORT AIRSPACE PLAN</p> | | | | |
| | | | | |
| REV | DATE | DESCRIPTION | BY | SPONSOR |
| <p>40 COURT STREET, METRO CENTER, PO BOX 1980 BINGHAMTON, NEW YORK 13902 www.mjnc.com</p> | | | | |



* AIRPORT DESIGN APPROACH SURFACE (#4) FROM TABLE 3-2 IN EB#99 APPROACH END OF RUNWAYS EXPECTED TO ACCOMMODATE INSTRUMENT APPROACHES HAVING VISIBILITY GREATER THAN OR EQUAL TO 3/4 STATUTE MILE.

** AIRPORT DESIGN APPROACH SURFACE (#6) FROM TABLE 3-2 IN EB#99 APPROACH END OF RUNWAYS EXPECTED TO ACCOMMODATE INSTRUMENT APPROACHES WITH VERTICAL GUIDANCE. (VERTICAL GUIDANCE SURFACE)

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| LEGEND | | | | |
|--------------------------------|---------------------|------------------|----------------------------------|-------------------------------|
| DESCRIPTION | EXISTING | PROPOSED | DESCRIPTION | SYMBOL |
| RUNWAY SAFETY AREA (RSA) | --- (dashed orange) | --- (dashed red) | PROPOSED AIRPORT PAVEMENT | Green fill |
| RUNWAY OBJECT FREE AREA (ROFA) | --- (dashed orange) | --- (dashed red) | PROPOSED GROUND VEHICLE PAVEMENT | Yellow fill |
| RUNWAY PROTECTION ZONE (RPZ) | --- (dashed orange) | --- (dashed red) | PROPOSED AIRPORT BUILDINGS | Green fill with black outline |
| RUNWAY VISIBILITY ZONE (RVZ) | --- (dashed orange) | --- (dashed red) | TO BE REMOVED | Black hatched pattern |
| OBSTACLE FREE ZONE (OFZ) | --- (dashed orange) | --- (dashed red) | PARCEL BOUNDARY | Black dashed line |
| NAVAID CRITICAL AREA | --- (dashed orange) | --- (dashed red) | GROUND ELEVATION CONTOURS (10') | Black dashed line with '100' |
| AIRPORT PROPERTY | --- (dashed orange) | --- (dashed red) | | |

- NOTES:
- ALL POSITIONAL DATA REFERENCES NORTH AMERICAN DATUM OF 1983 (NAD83) AND NORTH AMERICAN VERTICAL DATUM 1988 (NAVD88).
 - ALL ELEVATIONS SHOWN ARE AMSL.
 - ROAD ELEVATIONS AS INDICATED INCLUDE CONSIDERATION OF VEHICLES PER CFR PART 77. (15' FOR ROAD, 17' FOR INTERSTATE, 23' FOR RAILROAD)
 - COMPOSITE GROUND ELEVATION PROFILE LIMITED TO CFR PART 77 APPROACH SURFACE.

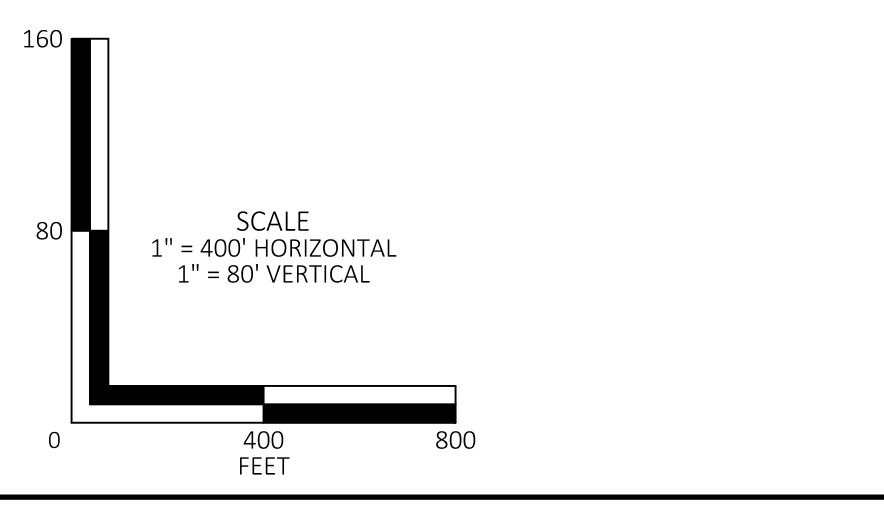
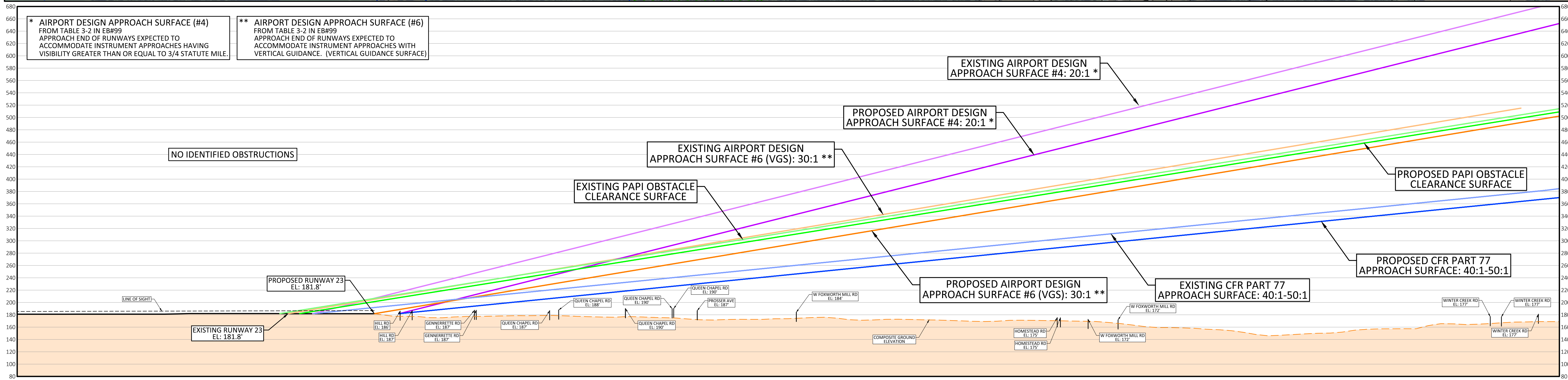
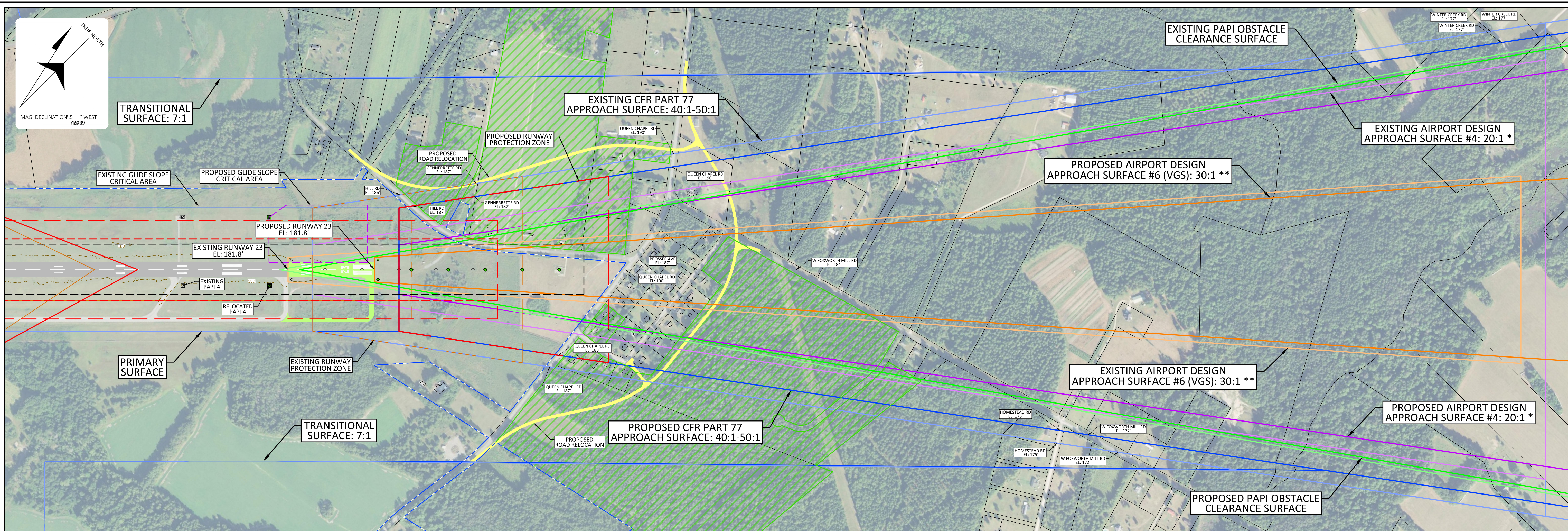
| REV | DATE | DESCRIPTION | BY | SPONSOR |
|-----|------|-------------|----|---------|
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| | | | | |

SUMTER AIRPORT
SUMTER, SOUTH CAROLINA

INNER APPROACH PLAN RUNWAY 5

| | | |
|------------------|--------------------|-----------|
| SCALE: 1" = 400' | DESIGN: ZN | SHEET: 07 |
| DRAWN: NE | PROJECT: 18434.00 | |
| CHECKED: ZN | DATE: OCTOBER 2019 | |





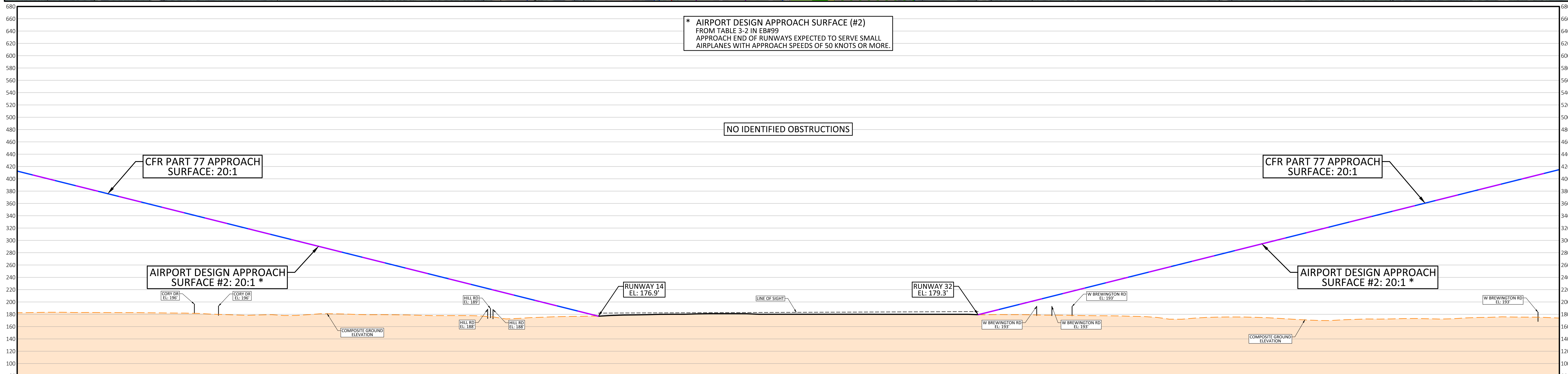
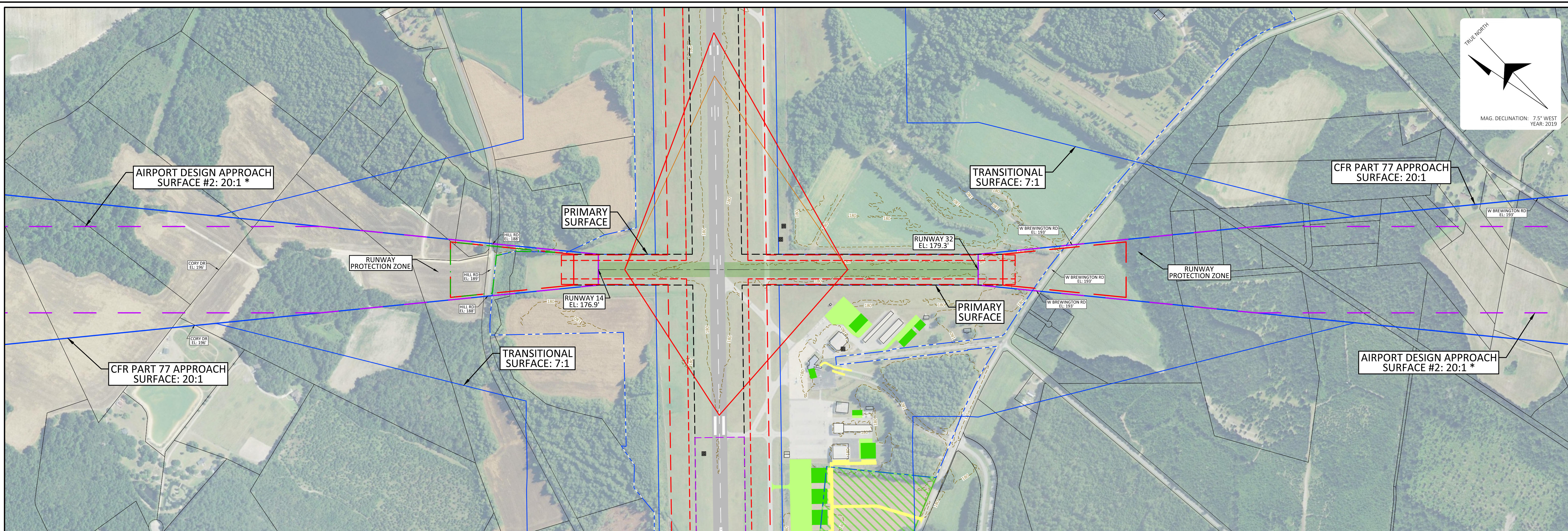
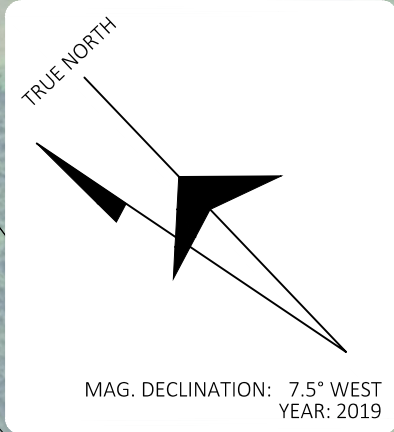
| LEGEND | | | | |
|--------------------------------|----------|----------|----------------------------------|----------|
| DESCRIPTION | EXISTING | PROPOSED | DESCRIPTION | SYMBOL |
| RUNWAY SAFETY AREA (RSA) | [Symbol] | [Symbol] | PROPOSED AIRPORT PAVEMENT | [Symbol] |
| RUNWAY OBJECT FREE AREA (ROFA) | [Symbol] | [Symbol] | PROPOSED GROUND VEHICLE PAVEMENT | [Symbol] |
| RUNWAY PROTECTION ZONE (RPZ) | [Symbol] | [Symbol] | PROPOSED AIRPORT BUILDINGS | [Symbol] |
| RUNWAY VISIBILITY ZONE (RVZ) | [Symbol] | [Symbol] | TO BE REMOVED | [Symbol] |
| OBSTACLE FREE ZONE (OFZ) | [Symbol] | [Symbol] | PARCEL BOUNDARY | [Symbol] |
| NAVAID CRITICAL AREA | [Symbol] | [Symbol] | GROUND ELEVATION CONTOURS (10') | [Symbol] |
| AIRPORT PROPERTY | [Symbol] | [Symbol] | | |

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- NOTES:
- ALL POSITIONAL DATA REFERENCES NORTH AMERICAN DATUM OF 1983 (NAD83) AND NORTH AMERICAN VERTICAL DATUM 1988 (NAVD88).
 - ALL ELEVATIONS SHOWN ARE AMSL.
 - ROAD ELEVATIONS AS INDICATED INCLUDE CONSIDERATION OF VEHICLES PER CFR PART 77. (15' FOR ROAD, 17' FOR INTERSTATE, 23' FOR RAILROAD)
 - COMPOSITE GROUND ELEVATION PROFILE LIMITED TO CFR PART 77 APPROACH SURFACE.

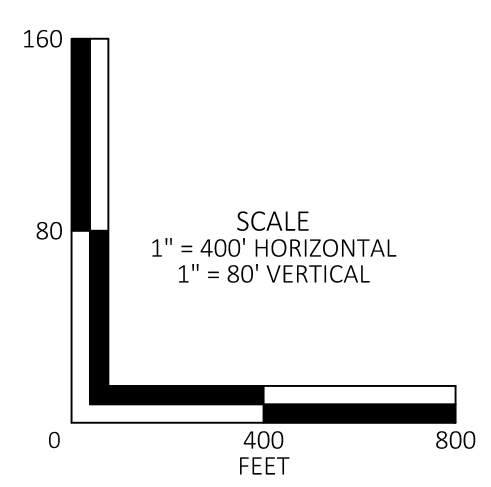
| | | | |
|--|--------------------|------------------|--|
| SUMTER AIRPORT SUMTER, SOUTH CAROLINA | | | |
| INNER APPROACH PLAN RUNWAY 23 | | | |
| SCALE: 1" = 400' | DESIGN: ZN | SHEET: 08 | |
| DRAWN: NE | PROJECT: 18434.00 | | |
| CHECKED: ZN | DATE: OCTOBER 2019 | | |





* AIRPORT DESIGN APPROACH SURFACE (#2)
FROM TABLE 3-2 IN EB#99
APPROACH END OF RUNWAYS EXPECTED TO SERVE SMALL
AIRPLANES WITH APPROACH SPEEDS OF 50 KNOTS OR MORE.

NO IDENTIFIED OBSTRUCTIONS



| LEGEND | | | | |
|--------------------------------|---------------------|------------------|----------------------------------|--------------------|
| DESCRIPTION | EXISTING | PROPOSED | DESCRIPTION | SYMBOL |
| RUNWAY SAFETY AREA (RSA) | --- (dashed orange) | --- (dashed red) | PROPOSED AIRPORT PAVEMENT | █ (green) |
| RUNWAY OBJECT FREE AREA (ROFA) | --- (dashed orange) | --- (dashed red) | PROPOSED GROUND VEHICLE PAVEMENT | █ (yellow) |
| RUNWAY PROTECTION ZONE (RPZ) | --- (dashed orange) | --- (dashed red) | PROPOSED AIRPORT BUILDINGS | █ (green) |
| RUNWAY VISIBILITY ZONE (RVZ) | --- (dashed orange) | --- (dashed red) | TO BE REMOVED | █ (hatched) |
| OBSTACLE FREE ZONE (OFZ) | --- (dashed orange) | --- (dashed red) | PARCEL BOUNDARY | --- (dashed black) |
| NAVAID CRITICAL AREA | --- (dashed orange) | --- (dashed red) | GROUND ELEVATION CONTOURS (10') | --- (dashed black) |
| AIRPORT PROPERTY | --- (dashed orange) | --- (dashed red) | | |

- NOTES:
- ALL POSITIONAL DATA REFERENCES NORTH AMERICAN DATUM OF 1983 (NAD83) AND NORTH AMERICAN VERTICAL DATUM 1988 (NAVD88).
 - ALL ELEVATIONS SHOWN ARE AMSL.
 - ROAD ELEVATIONS AS INDICATED INCLUDE CONSIDERATION OF VEHICLES PER CFR PART 77. (15' FOR ROAD, 17' FOR INTERSTATE, 23' FOR RAILROAD)
 - COMPOSITE GROUND ELEVATION PROFILE LIMITED TO CFR PART 77 APPROACH SURFACE.

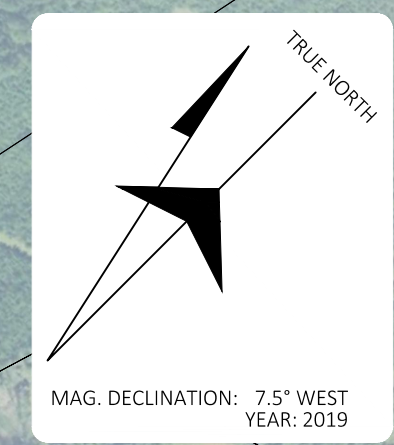
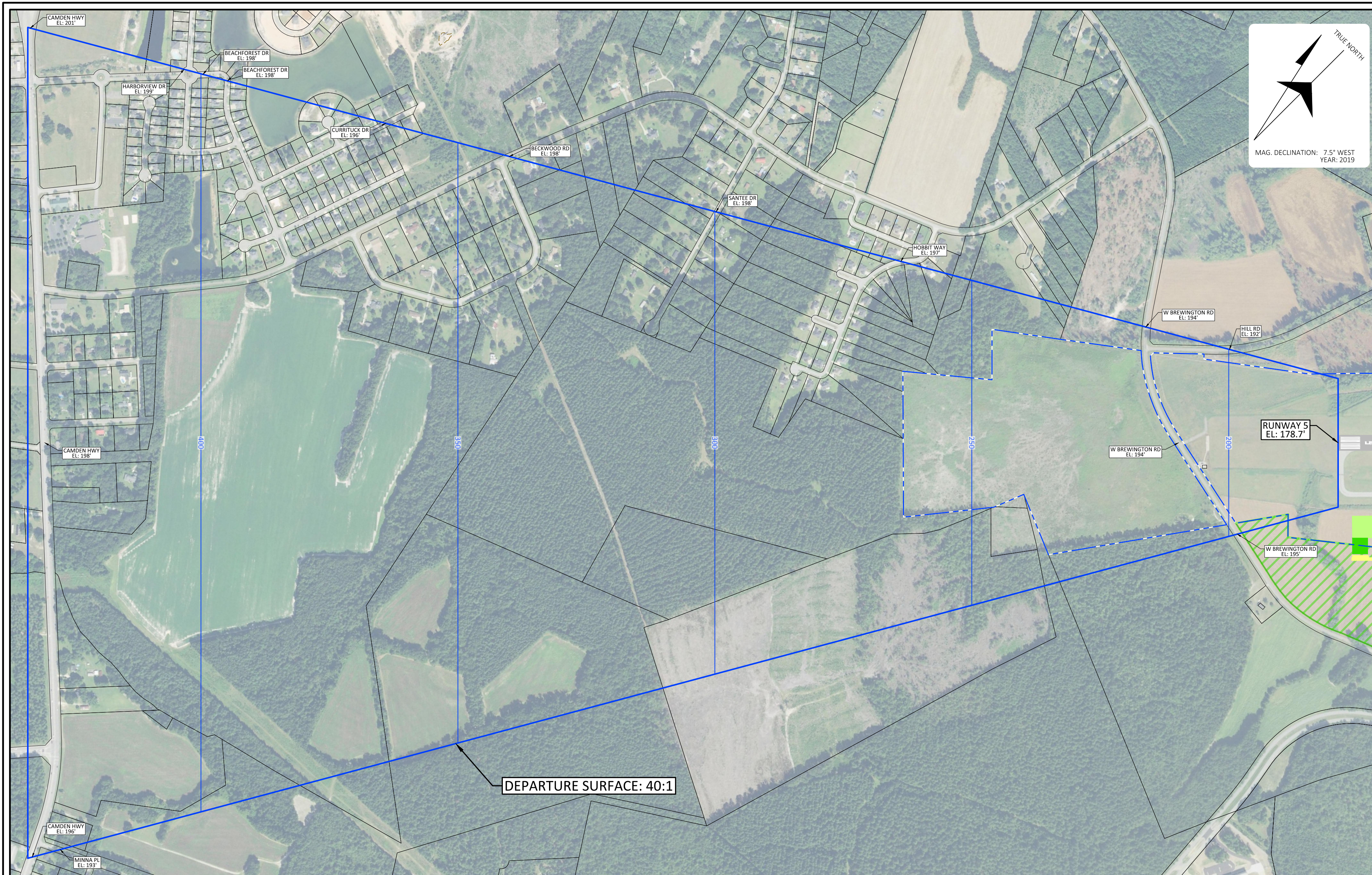
| REV | DATE | DESCRIPTION | BY | SPONSOR |
|-----|------|-------------|----|---------|
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SUMTER AIRPORT
SUMTER, SOUTH CAROLINA

INNER APPROACH PLAN
RUNWAY 14-32

| | | |
|------------------|--------------------|-----------|
| SCALE: 1" = 400' | DESIGN: ZN | SHEET: 09 |
| DRAWN: NE | PROJECT: 18434.00 | |
| CHECKED: ZN | DATE: OCTOBER 2019 | |

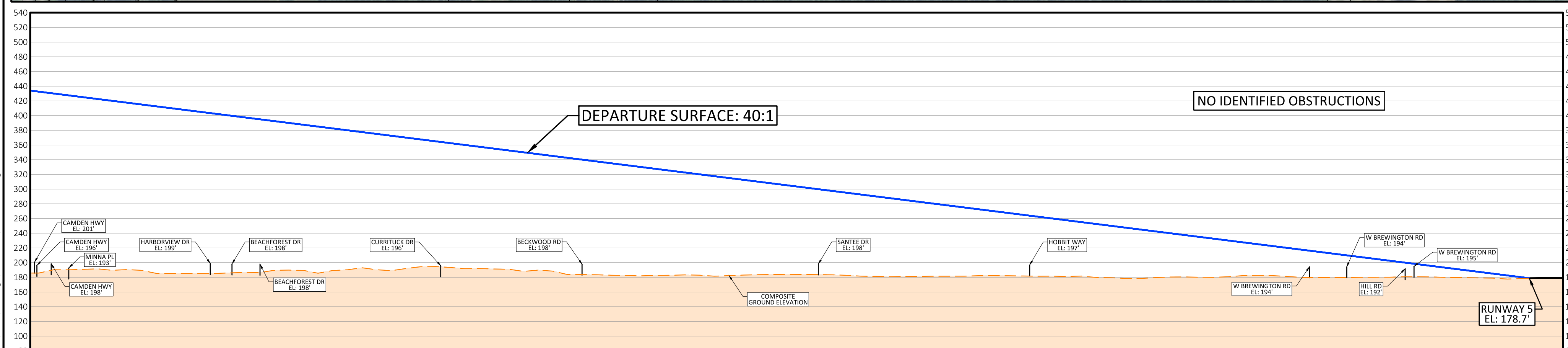




| LEGEND | |
|----------------------------------|--------|
| DESCRIPTION | SYMBOL |
| PROPOSED AIRPORT PAVEMENT | |
| PROPOSED GROUND VEHICLE PAVEMENT | |
| PROPOSED AIRPORT BUILDINGS | |
| TO BE REMOVED | |
| EXISTING AIRPORT PROPERTY | |
| PROPOSED AIRPORT PROPERTY | |
| PARCEL BOUNDARY | |
| GROUND ELEVATION CONTOURS (50') | |

DEPARTURE SURFACE: 40:1

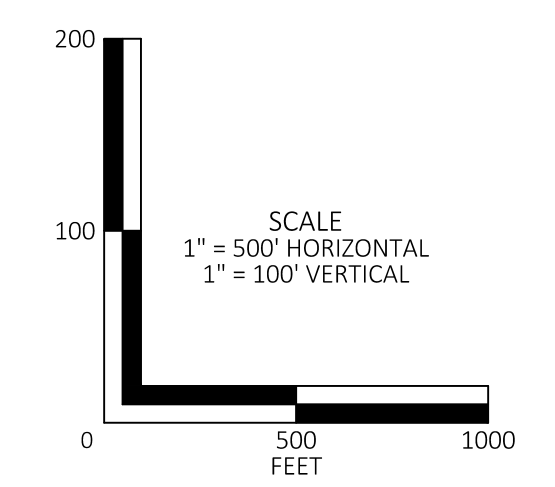
RUNWAY 5
EL: 178.7'



DEPARTURE SURFACE: 40:1

NO IDENTIFIED OBSTRUCTIONS

RUNWAY 5
EL: 178.7'

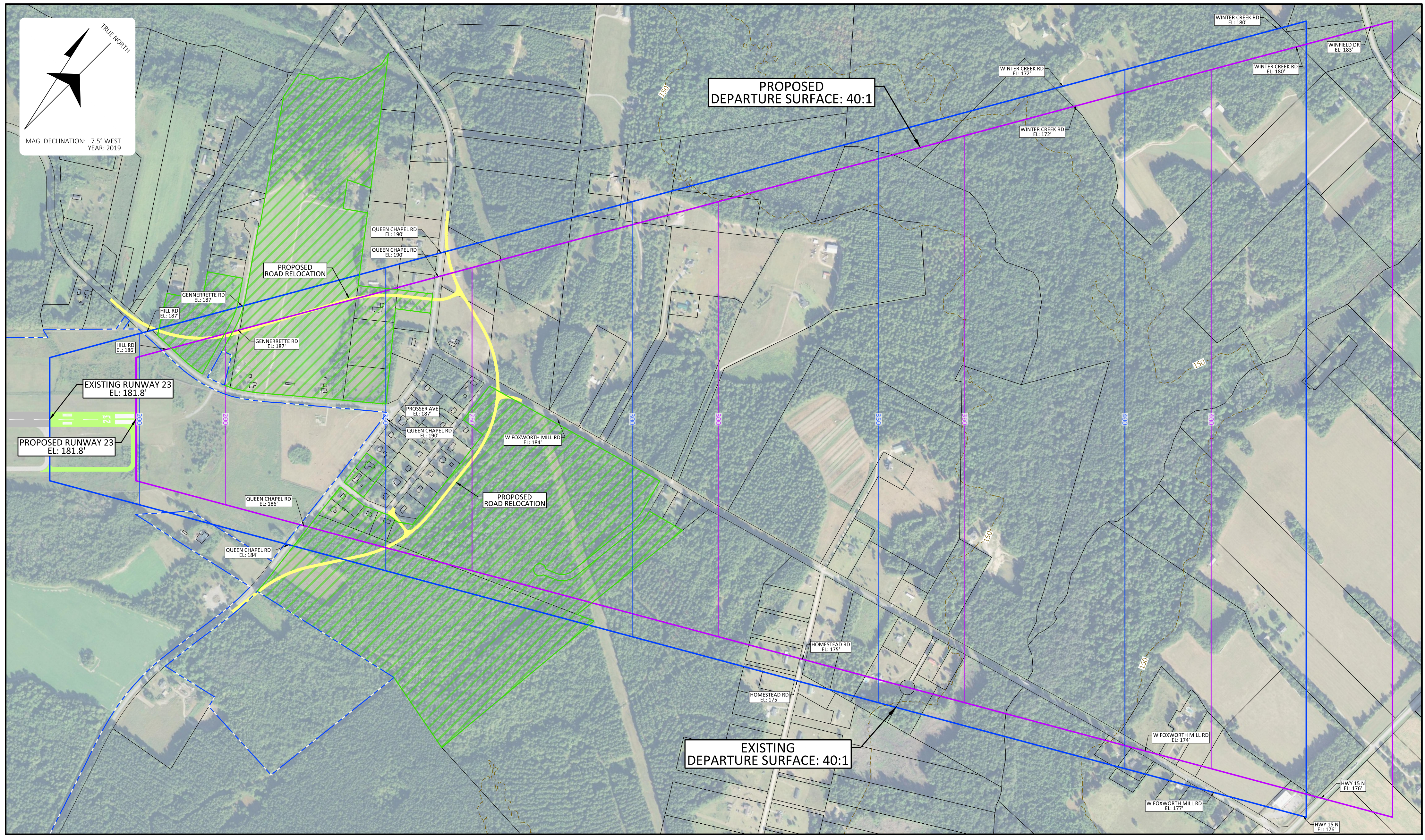


- NOTES:
- ALL POSITIONAL DATA REFERENCES NORTH AMERICAN DATUM OF 1983 (NAD83) AND NORTH AMERICAN VERTICAL DATUM 1988 (NAVD88).
 - ALL ELEVATIONS SHOWN ARE AMSL.
 - ROAD ELEVATIONS AS INDICATED INCLUDE CONSIDERATION OF VEHICLES PER GFA PART 77. (15' FOR ROAD, 17' FOR INTERSTATE, 23' FOR RAILROAD).
 - COMPOSITE GROUND ELEVATION PROFILE LIMITED TO DEPARTURE SURFACE.

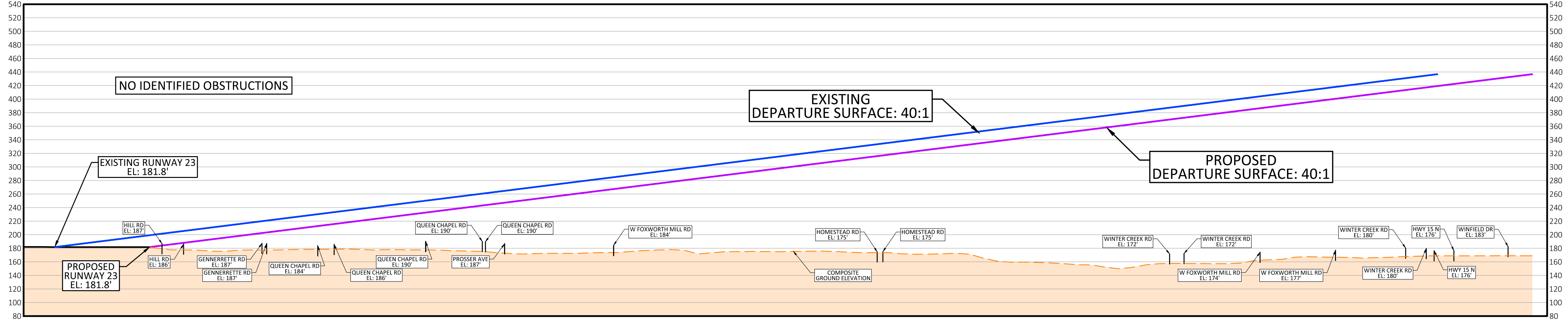
| | | | | | |
|-----|------|-------------|----|---|--------------------|
| | | | | SUMTER AIRPORT SUMTER, SOUTH CAROLINA | |
| | | | | DEPARTURE SURFACE PLAN RUNWAY 23 | |
| REV | DATE | DESCRIPTION | BY | SPONSOR | |
| | | | | SCALE: 1" = 500' | DESIGN: ZN |
| | | | | DRAWN: NE | PROJECT: 18434.00 |
| | | | | CHECKED: ZN | DATE: OCTOBER 2019 |
| | | | | 10 | |



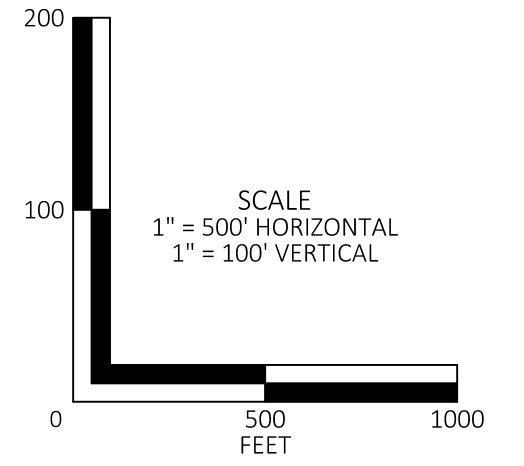
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| LEGEND | |
|--|--------|
| DESCRIPTION | SYMBOL |
| PROPOSED AIRPORT PAVEMENT | |
| PROPOSED GROUND VEHICLE PAVEMENT | |
| PROPOSED AIRPORT BUILDINGS TO BE REMOVED | |
| EXISTING AIRPORT PROPERTY | |
| PROPOSED AIRPORT PROPERTY | |
| PARCEL BOUNDARY | |
| GROUND ELEVATION CONTOURS (50') | |



- NOTES:
- ALL POSITIONAL DATA REFERENCES NORTH AMERICAN DATUM OF 1983 (NAD83) AND NORTH AMERICAN VERTICAL DATUM 1988 (NAVD88).
 - ALL ELEVATIONS SHOWN ARE AMSL.
 - ROAD ELEVATIONS AS INDICATED INCLUDE CONSIDERATION OF VEHICLES PER GFA PART 77. (15' FOR ROAD, 17' FOR INTERSTATE, 23' FOR RAILROAD).
 - COMPOSITE GROUND ELEVATION PROFILE LIMITED TO DEPARTURE SURFACE.



| REV | DATE | DESCRIPTION | BY | SPONSOR |
|-----|------|-------------|----|---------|
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SUMTER AIRPORT
SUMTER, SOUTH CAROLINA

**DEPARTURE SURFACE PLAN
RUNWAY 5**



SCALE: 1" = 500'
DESIGN: ZN
DRAWN: NE
PROJECT: 18434.00
CHECKED: ZN
DATE: OCTOBER 2019

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