

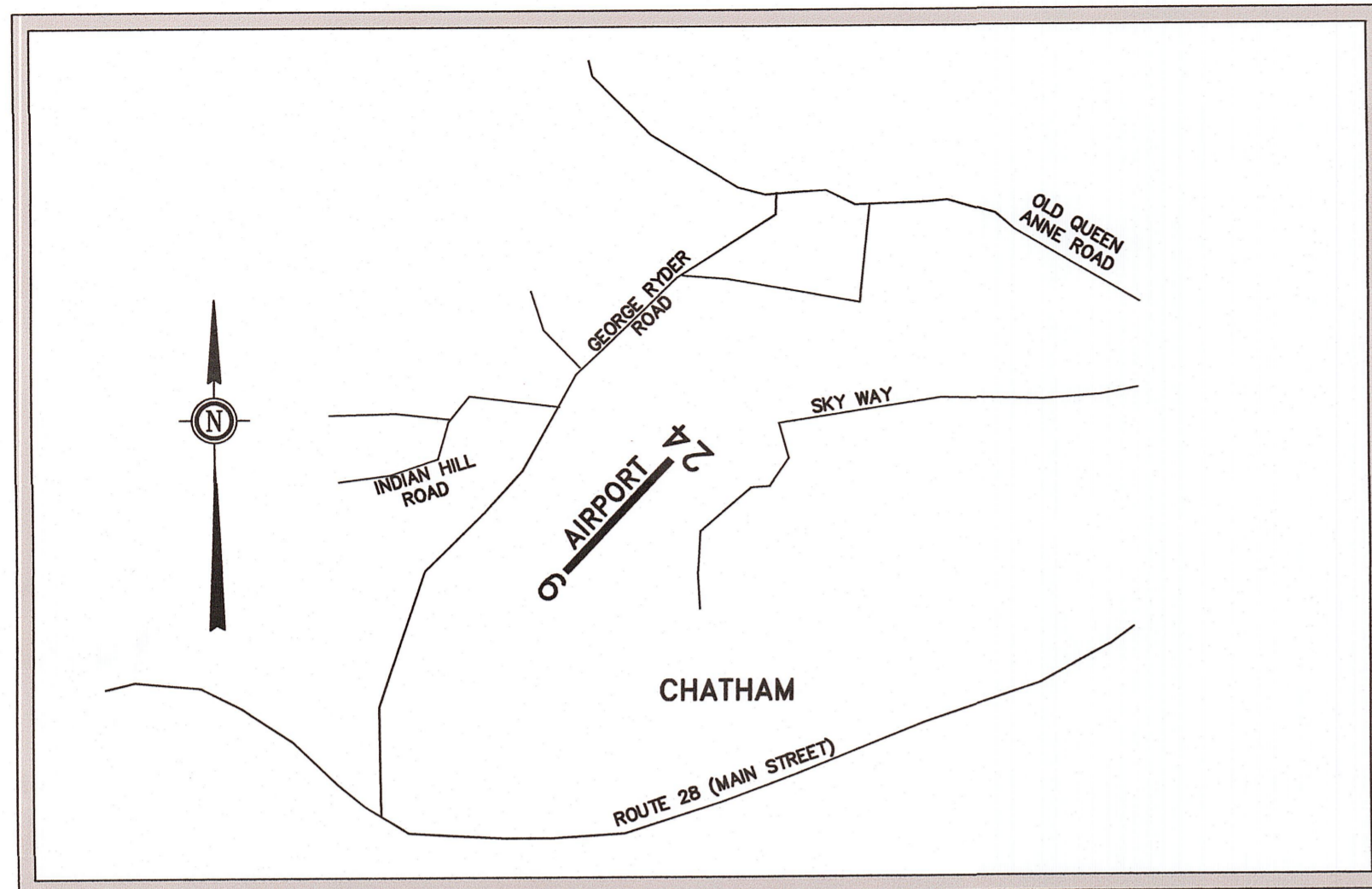
AIRPORT LAYOUT PLAN UPDATE



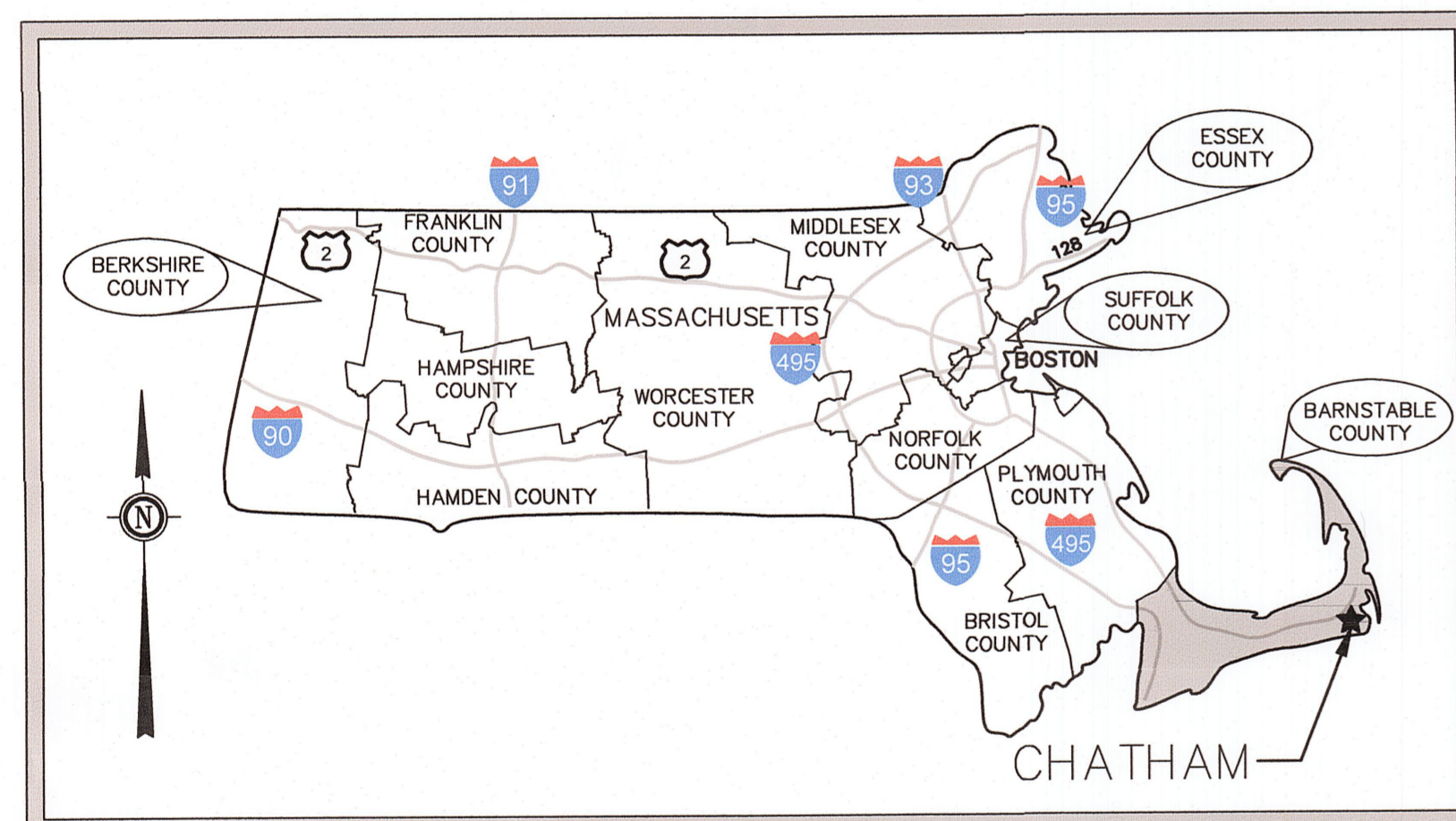
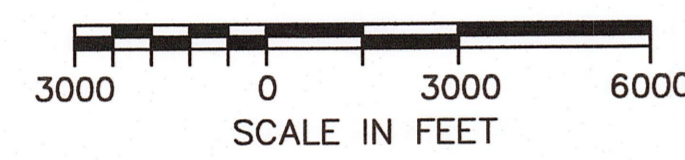
Gale Associates, Inc.
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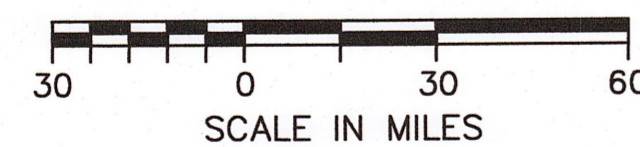
PREPARED FOR:



VICINITY MAP



LOCATION MAP



AIP NO. 3-25-0015-23-2018⁹⁴
DATE: APRIL 2020

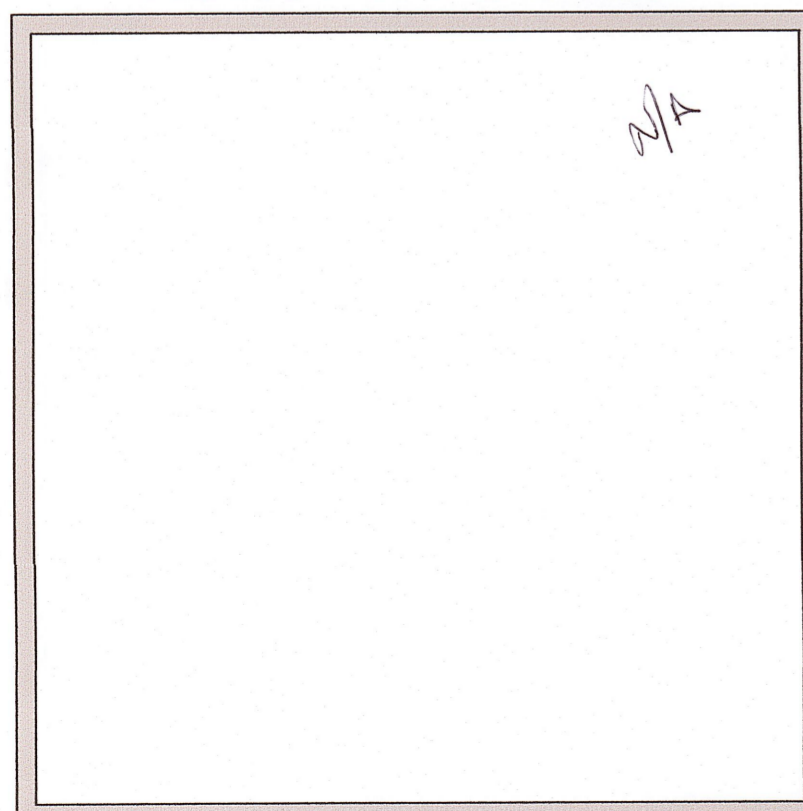
PROJECT
AIRPORT MASTER PLAN UPDATE
AIP NO. 3-25-0015-23-2018

OWNER
CHATHAM MUNICIPAL AIRPORT
TOWN OF CHATHAM, MASSACHUSETTS

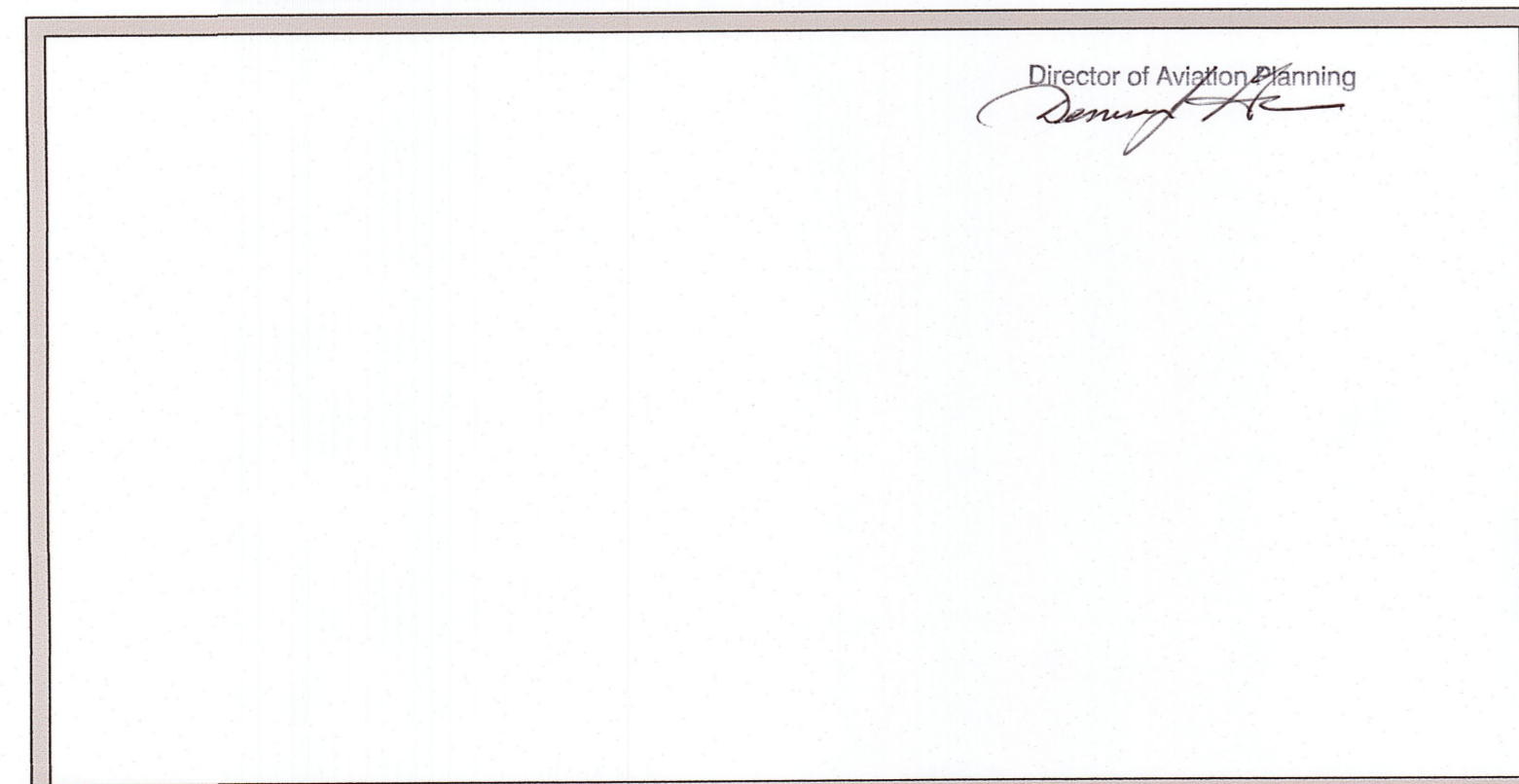
| NO. | DATE | DESCRIPTION | BY |
|-------------|------|-------------|----|
| PROJECT NO. | | 777064 | |
| DESIGNED BY | | DCQ | |
| DRAWN BY | | DCQ | |
| CHECKED BY | | MPC | |
| DATE | | APRIL, 2020 | |

GRAPHIC SCALE
NO SCALE

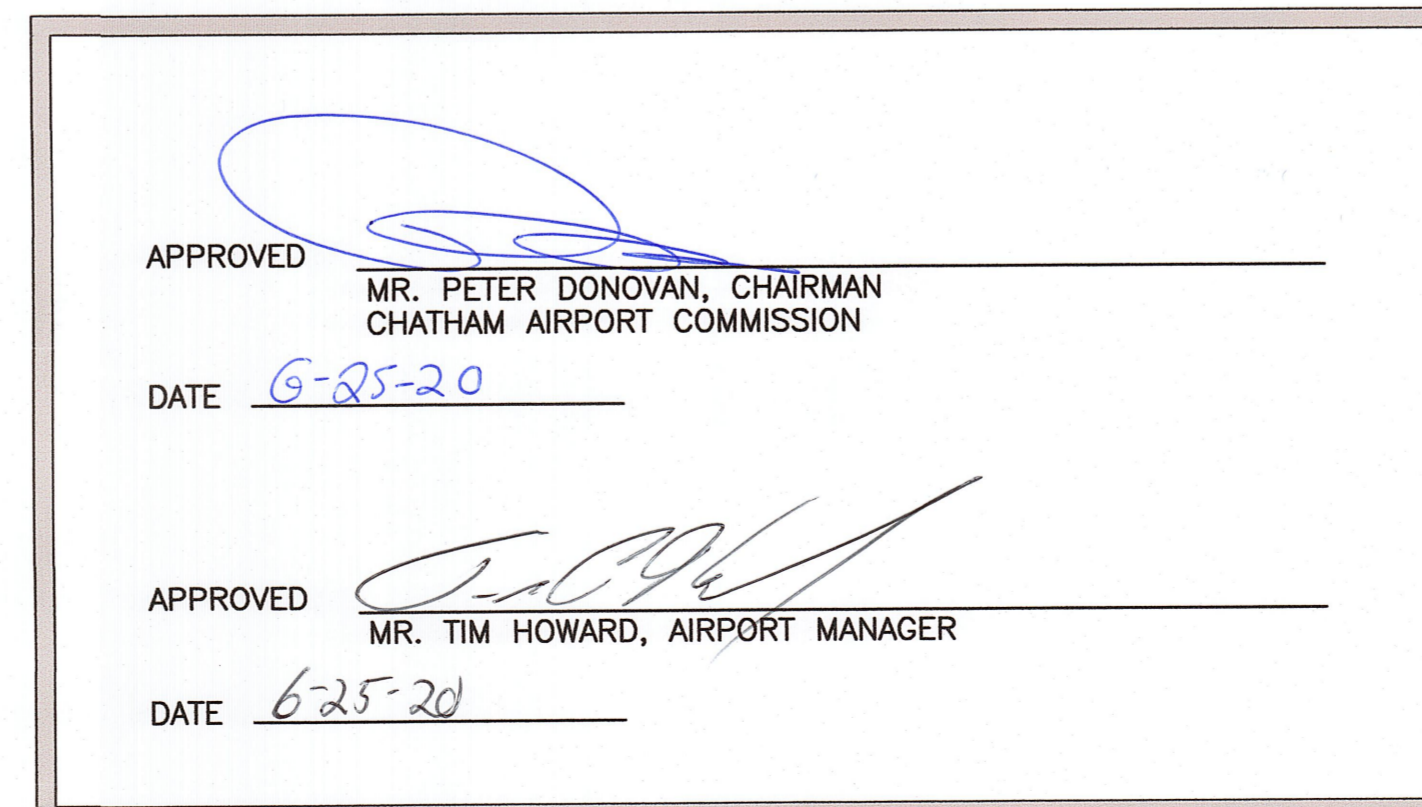
FAA APPROVAL STAMP



MASSDOT AERONAUTICS DIVISION APPROVAL STAMP



AIRPORT COMMISSION'S APPROVAL



INDEX TO DRAWINGS

| SHEET | SHEET TITLE | REVISION DATE |
|----------|---|---------------|
| 1 OF 12 | TITLE SHEET | |
| 2 OF 12 | AIRPORT DATA SHEET | |
| 3 OF 12 | EXISTING FACILITIES PLAN | |
| 4 OF 12 | AIRPORT LAYOUT PLAN | |
| 5 OF 12 | 14 CFR PART 77 SURFACE PENETRATIONS | |
| 6 OF 12 | PAVEMENT HISTORY PLAN | |
| 7 OF 12 | TERPS APPROACH PLAN AND PROFILE RUNWAY 6-24 | |
| 8 OF 12 | INNER PORTION OF THE APPROACH PLAN AND PROFILE - RUNWAY 6-24 CENTERLINE | |
| 9 OF 12 | PART 77 APPROACH PLAN AND PROFILE RUNWAY 6-24 | |
| 10 OF 12 | GQS PLAN AND PROFILE RUNWAY 6-24 | |
| 11 OF 12 | GQS APPROACH SURFACE OBSTRUCTION TABLE | |
| 12 OF 12 | RUNWAY 6-24 DEPARTURE SURFACE PLAN AND PROFILE | |

SHEET TITLE
TITLE SHEET

DRAWING NO.

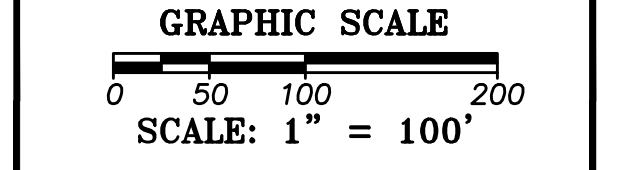
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1 of 12

PREPARED FOR:

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 | | DCQ | |
| DRAWN BY | | DCQ | |
| CHECKED BY | | MPC | |
| DATE | | APRIL, 2020 | |



SHEET TITLE: AIRPORT DATA SHEET

DRAWING NO. 2
 2 of 12

| AIRPORT DATA | | EXISTING | ULTIMATE |
|--|------------|--|--|
| AIRPORT ELEVATION (NAVD 88, MSL) | | 63.7' | 63.7' |
| AIRPORT REFERENCE POINT (ARP) | LATITUDE: | N041° 41' 17.8957" | N041° 41' 17.8957" |
| | LONGITUDE: | W069° 59' 22.7484" | W069° 59' 22.7484" |
| AIRPORT REFERENCE CODE (ARC) | | B-1 (SMALL AIRPLANE) | B-1 (SMALL AIRPLANE) |
| DESIGN AIRCRAFT | | BEECH BARON B-58 | BEECH BARON B-58 |
| AIRPORT IDENTIFIER | | CQX | |
| MEAN MAX. TEMPERATURE OF HOTTEST MONTH | | 80° F | |
| MAGNETIC DECLINATION | | 14° 41' W (WMM2015V2) | 14° 41' W (WMM2015V2) |
| AIRPORT NAVAIDS | | NDB, BEACON | NDB, BEACON |
| MISC. NAVAIDS | | ASOS, WINDCONE W/ SEGMENTED CIRCLE, PAPI (6,24), REIL (6,24), MIRL | ASOS, WINDCONE W/ SEGMENTED CIRCLE, PAPI (6,24), REIL (6,24), MIRL |
| NPIAS SERVICE LEVEL | | GA | GA |
| MASSDOT AERONAUTICS DIVISION EQUIVALENT SERVICE ROLE | | GENERAL AVIATION | GENERAL AVIATION |

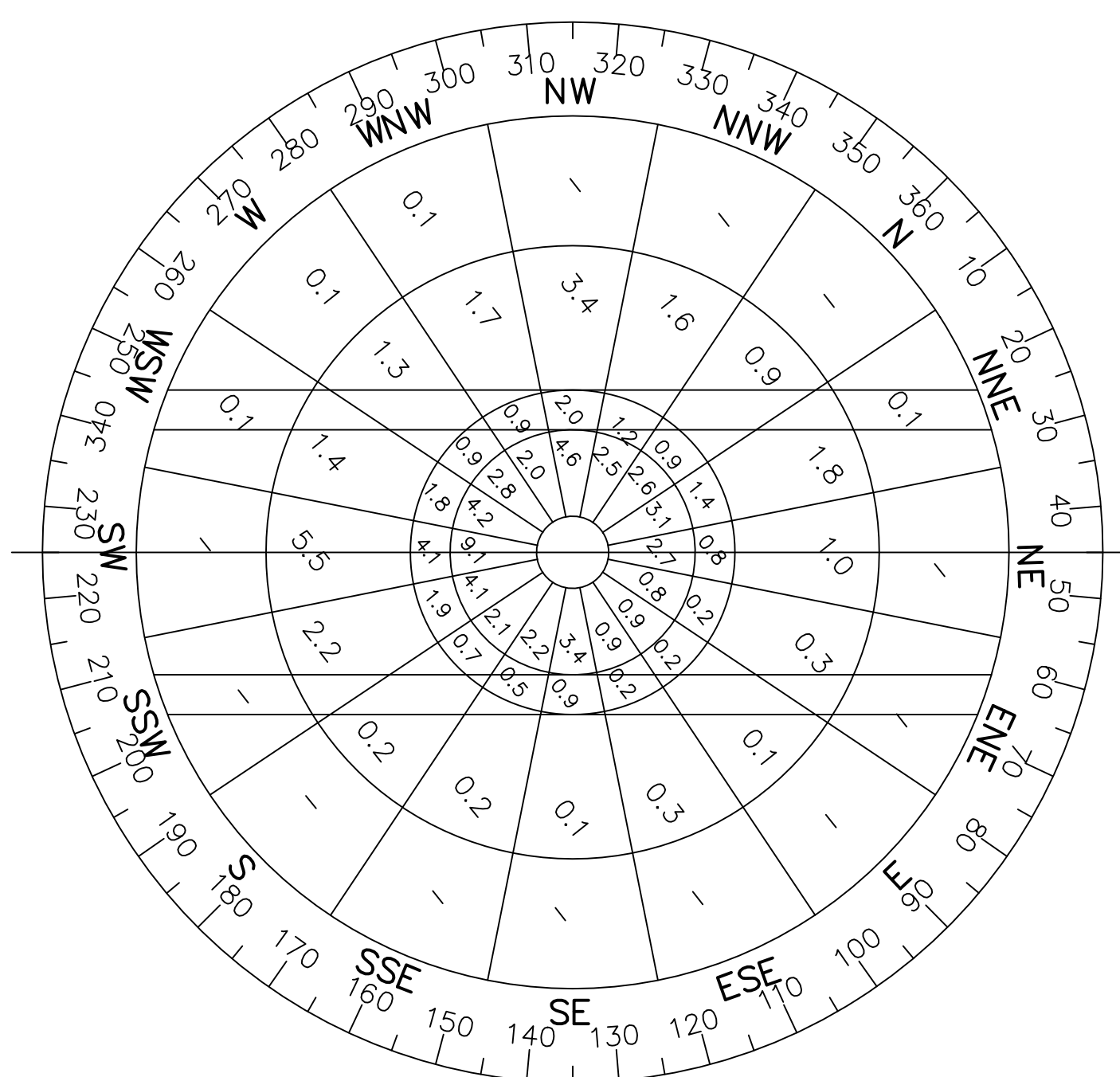
| | EXISTING | | ULTIMATE | |
|--------------------------------------|-----------------------------|----------------------------|----------------------------|----------------------------|
| | RUNWAY 6 | RUNWAY 24 | RUNWAY 6 | RUNWAY 24 |
| RUNWAY PAVEMENT STRENGTH | 30,000 LBS (SW) | | | |
| RUNWAY DESIGN CODE | B-1-5000 | B-1-5000 | B-1-5000 | B-1-5000 |
| PAVEMENT CLASSIFICATION NUMBER (PCN) | N/A | | N/A | |
| SURFACE TYPE & TREATMENT | ASPHALT | | | |
| EFFECTIVE RUNWAY GRADIENT | 0.93% | | | |
| MAX. RUNWAY GRADE CHANGE | 0.84% | | | |
| WIND COVERAGE (12 KNOT CROSSWIND) | 84.7% (1) | | | |
| RUNWAY DIMENSIONS (LENGTH X WIDTH) | 3,001 LF X 100 FT | | | |
| DISPLACED THRESHOLD | NONE | | | |
| USABLE RUNWAY LENGTH | 3,001 LF | | 3,001 LF | |
| APPROACH SURFACE SLOPE | 20:1 (VISUAL) | | 20:1 (NON-PRECISION) | |
| APPROACH MINIMUMS | 600'-1 MILE | | 600'-1 MILE | |
| FAR PART 77 APPROACH CATEGORY | VISUAL | | NON-PRECISION | |
| RUNWAY SAFETY AREA | LENGTH BEYOND RW THRESHOLD: | 240 LF | 240 LF | 240 LF |
| | WIDTH: | 120 FT | 120 FT | 120 FT |
| RUNWAY OBJECT FREE AREA | LENGTH BEYOND RW THRESHOLD: | 240 LF | 240 LF | 240 LF |
| | WIDTH: | 250 FT | 250 FT | 250 FT |
| RUNWAY OBSTACLE FREE ZONE | LENGTH BEYOND RW END: | 200 LF | 200 LF | 200 LF |
| | WIDTH: | 250 FT | 250 FT | 250 FT |
| RUNWAY APPROACH RPZ | LENGTH | 1,000 LF | 1,000 LF | 1,000 LF |
| | INNER WIDTH: | 250 FT | 250 FT | 250 FT |
| | OUTER WIDTH | 450 FT | 450 FT | 450 FT |
| RUNWAY END COORDINATES | LATITUDE: | N41°41'07.2172" | N41°41'28.5737" | N41°41'28.5737" |
| | LONGITUDE: | W069°59'36.4652" | W069°59'09.0302" | W069°59'09.0302" |
| | ELEVATION: | 48.63' MSL | 62.60' MSL | 62.60' MSL |
| | DISP. THRESHOLD COORDINATES | LATITUDE: N/A | N/A | N/A |
| | LONGITUDE: N/A | N/A | N/A | |
| | ELEVATION: N/A | N/A | N/A | |
| RUNWAY LIGHTING | MIRLS | | MIRLS | |
| NAVIGATIONAL AIDS | RNAV(GPS), NDB, PAPI, REIL | RNAV(GPS), NDB, PAPI, REIL | RNAV(GPS), NDB, PAPI, REIL | RNAV(GPS), NDB, PAPI, REIL |
| RUNWAY MARKINGS | BASIC | | NON-PRECISION | |
| AERONAUTICAL SURVEY REQUIRED | NVGS | | NVGS | |
| RUNWAY DEPARTURE OCS APPLICABILITY | XXX | | XXX | |
| TOUCHDOWN ZONE ELEVATION | N/A | | N/A | |

*ALL INFORMATION USED IN THIS DATA TABLE IS BASED ON THE NAD83 HORIZONTAL DATUM AND NAVD-88 VERTICAL DATUM.
 (1) - PROVIDED FOR 1984 AIRPORT MASTER PLAN UPDATE.

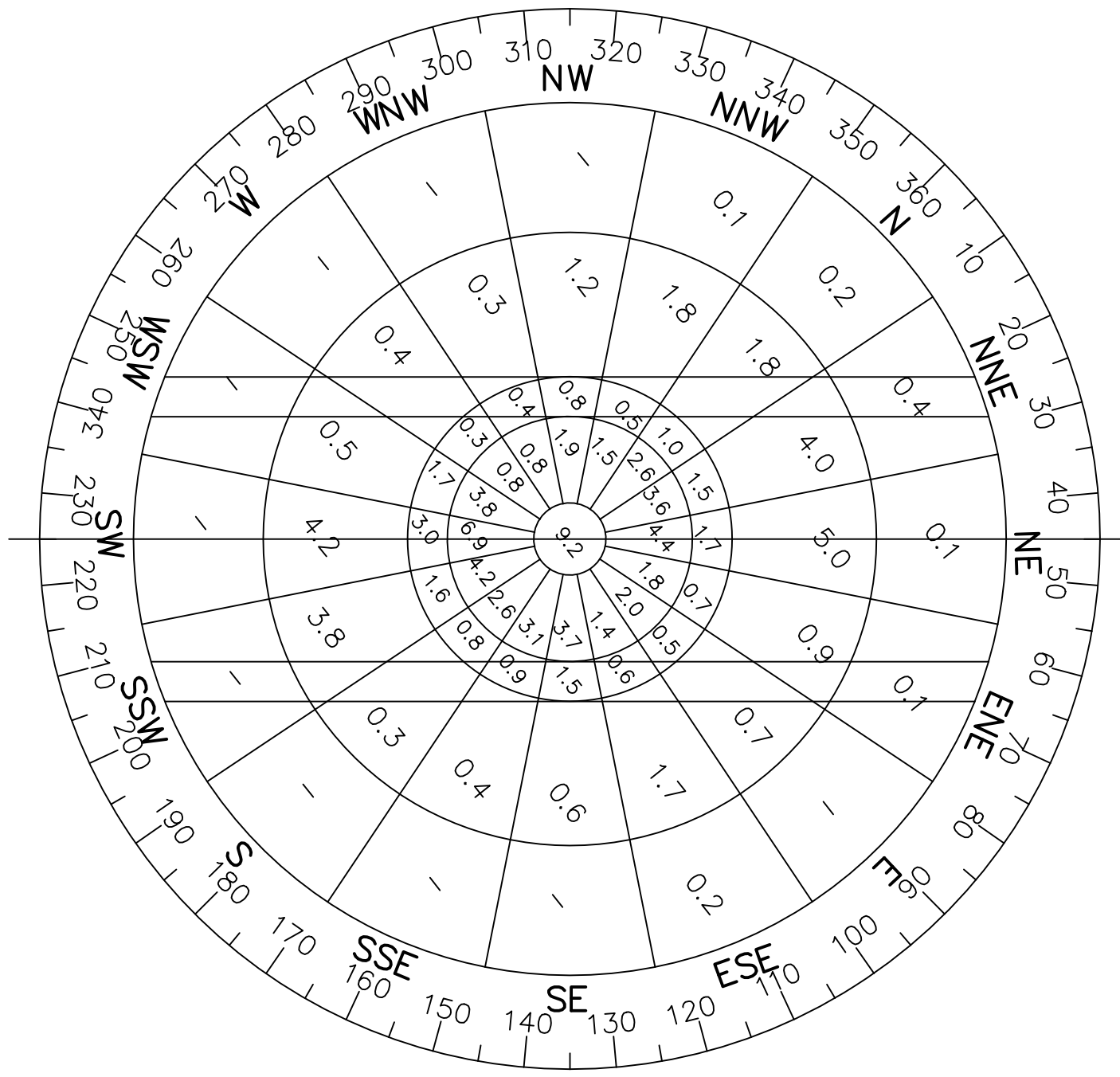
| TAXIWAY DATA | | EXISTING | ULTIMATE |
|--|--|--------------------------|-------------------|
| TAXIWAY/TAXILANE WIDTH | | 25 FT | 25 FT |
| TAXIWAY/TAXILANE SAFETY AREA WIDTH | | 49 FT | 49 FT |
| TAXIWAY OBJECT FREE AREA | | 89 FT | 89 FT |
| TAXILANE OBJECT FREE AREA | | 79 FT | 79 FT |
| TAXIWAY CENTERLINE TO CENTERLINE SEPARATION | | 70 FT | 70 FT |
| TAXIWAY CENTERLINE TO FIXED OR MOVABLE OBJECT | | 44.5 FT | 44.5 FT |
| TAXILANE CENTERLINE TO CENTERLINE SEPARATION | | 64 FT | 64 FT |
| TAXILANE CENTERLINE TO FIXED OR MOVABLE OBJECT | | 39.5 FT | 39.5 FT |
| TAXIWAY LIGHTING | | MITLs (AT INTERSECTIONS) | FULL LENGTH MITLs |

| DECLARED DISTANCES | EXISTING | | ULTIMATE | |
|---|----------|-----------|----------|-----------|
| | RUNWAY 6 | RUNWAY 24 | RUNWAY 6 | RUNWAY 24 |
| TAKEOFF RUN AVAILABLE (TORA) | 3,001 LF | 3,001 LF | 3,001 LF | 3,001 LF |
| TAKEOFF DISTANCE AVAILABLE (TODA) | 3,001 LF | 3,001 LF | 3,001 LF | 3,001 LF |
| ACCELERATE-STOP DISTANCE AVAILABLE (ASDA) | 3,001 LF | 3,001 LF | 3,001 LF | 3,001 LF |
| LANDING DISTANCE AVAILABLE (LDA) | 3,001 LF | 3,001 LF | 3,001 LF | 3,001 LF |

| MODIFICATION TO STANDARDS APPROVAL TABLE | | | |
|--|-------------------|-------------------------|-------------|
| APPROVAL DATE | AIRSPACE CASE NO. | STANDARD TO BE MODIFIED | DESCRIPTION |
| | | | |



VFR WIND ROSE*



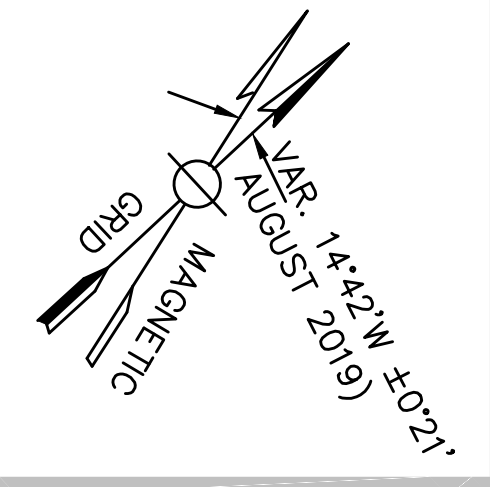
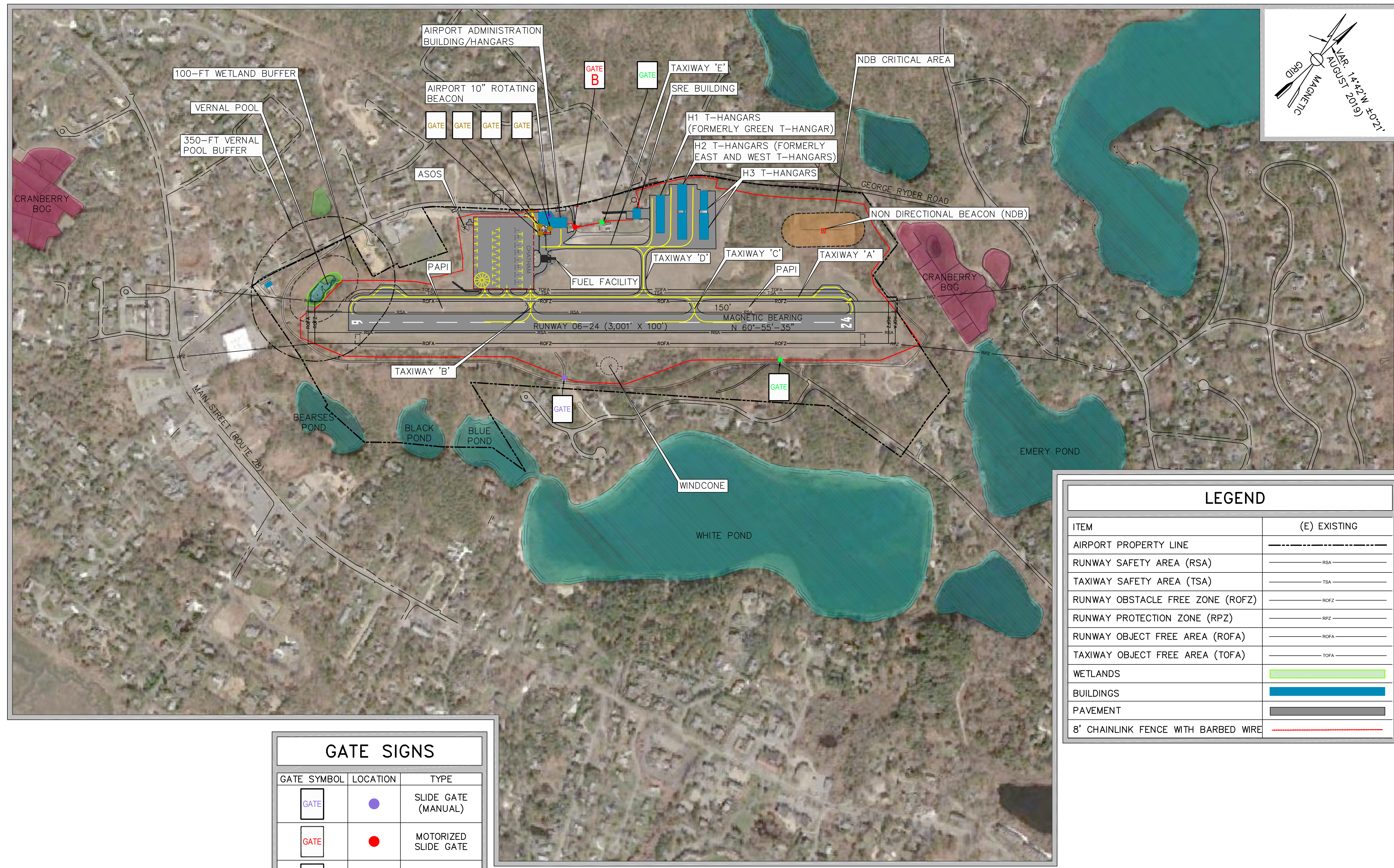
IFR WIND ROSE*

| RUNWAY | ALL WEATHER COVERAGE (%) | | IFR COVERAGE (%) | | VISIBILITY MINIMA |
|--------|--------------------------|-------|------------------|-------|---------------------------------------|
| | 12 MPH | 15MPH | 12 MPH | 15MPH | |
| 6-24 | 84.72 | 91.76 | 87.47 | 94.45 | 600 FEET CEILING 1 MILE VISIBILITY |
| 6 | 59.87 | 63.70 | 52.38 | 55.68 | |
| 24 | 35.78 | 38.98 | 44.28 | 47.97 | |

SOURCE: WEATHER STATION 94720 HYANNIS JULY 1954 TO JUNE 1959
 * PER 1984 AIRPORT MASTER PLAN

4/3/2020 2:23:17 PM U:\777064-COX AMPU_MPC\Working Drawings\Final ALP\777064-COX-ALP-02-Airport Data Sheet.dwg (0)

3/27/2020 4:18:01 PM C:\Users\mld\Desktop\ALP\777064-COX-ALP-05-EXISTING FACILITIES PLAN-CHAPTER 2.dwg (APL)



| GATE SIGNS | | |
|-------------|----------|----------------------|
| GATE SYMBOL | LOCATION | TYPE |
| | | SLIDE GATE (MANUAL) |
| | | MOTORIZED SLIDE GATE |
| | | SWING GATE |
| | | PEDESTRIAN GATE |

| LEGEND | |
|-------------------------------------|--------------|
| ITEM | (E) EXISTING |
| AIRPORT PROPERTY LINE | |
| RUNWAY SAFETY AREA (RSA) | |
| TAXIWAY SAFETY AREA (TSA) | |
| RUNWAY OBSTACLE FREE ZONE (ROFZ) | |
| RUNWAY PROTECTION ZONE (RPZ) | |
| RUNWAY OBJECT FREE AREA (ROFA) | |
| TAXIWAY OBJECT FREE AREA (TOFA) | |
| WETLANDS | |
| BUILDINGS | |
| PAVEMENT | |
| 8' CHAINLINK FENCE WITH BARBED WIRE | |

EXISTING FACILITIES PLAN
SCALE: 1" = 300'

GALE
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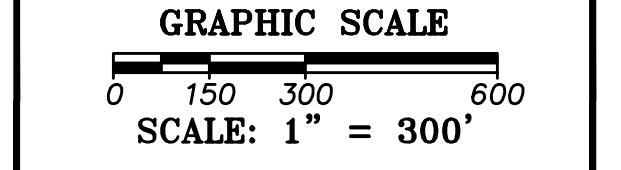
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PROJECT
AIRPORT MASTER PLAN UPDATE
AIP NO. 3-25-0015-23-2018

OWNER
CHATHAM MUNICIPAL AIRPORT
TOWN OF CHATHAM, MASSACHUSETTS

| NO. | DATE | DESCRIPTION | BY |
|-------------|------|-------------|----|
| PROJECT NO. | | 777064 | |
| DESIGNED BY | | DCQ | |
| DRAWN BY | | DCQ | |
| CHECKED BY | | MPC | |
| DATE | | APRIL, 2020 | |



SHEET TITLE

EXISTING FACILITIES PLAN

DRAWING NO.

3

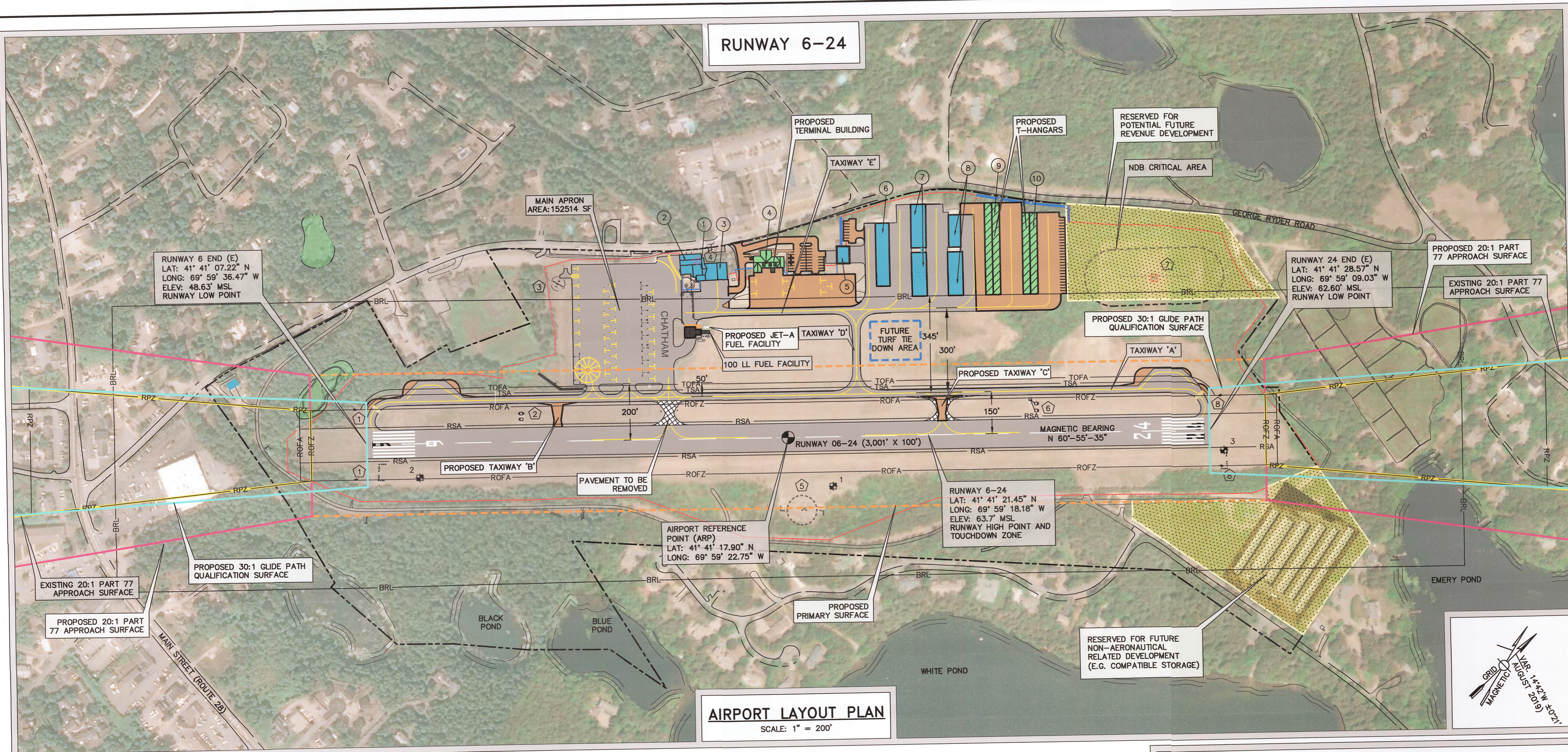
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PREPARED FOR:

PROJECT
AIRPORT MASTER PLAN UPDATE
 AIP NO. 3-25-0015-23-2018

OWNER
CHATHAM MUNICIPAL AIRPORT
 TOWN OF CHATHAM, MASSACHUSETTS



AIRPORT LAYOUT PLAN
 SCALE: 1" = 200'

| FACILITIES LIST | | | | |
|-----------------|-----------------|----------------------------|---------------------|--|
| (E) EXISTING | | (F) FUTURE | (R) TO BE REMOVED | |
| TYPE | OPERATOR | STATUS | TOS ELEVATION (MSL) | |
| 1 | ADMIN. BUILDING | CHATHAM AIRPORT COMMISSION | (E) | |
| 2 | FRONT HANGAR | CHATHAM AIRPORT COMMISSION | (E) | |
| 3 | REAR HANGAR | CHATHAM AIRPORT COMMISSION | (E) | |
| 4 | ADMIN. BUILDING | CHATHAM AIRPORT COMMISSION | (F) | |
| 5 | SRE BUILDING | CHATHAM AIRPORT COMMISSION | (E) | |
| 6 | H1 HANGARS | CHATHAM AIRPORT COMMISSION | (E) | |
| 7 | H2 HANGARS | CHATHAM AIRPORT COMMISSION | (E) | |
| 8 | H3 HANGARS | HOMES FOR AIRPLANES, LLC | (E) | |
| 9 | HANGAR | - | (F) | |
| 10 | HANGAR | - | (F) | |
| 11 | - | - | - | |

NOTES:
 1. NDB TO BE DECOMMISSIONED FOLLOWING ESTABLISHMENT OF NON-PRECISION APPROACH.

FAA APPROVAL
 APPROVED *[Signature]* Lead Community Planner
 DATE 7/9/20 in accordance with letter dated 7/1/20

MASSDOT AERONAUTICS APPROVAL
 APPROVED *[Signature]* Director of Aviation Planning
 DATE 6-30-2020

AIRPORT COMMISSION'S APPROVAL
 APPROVED *[Signature]* MR. PETER DONOVAN
 CHATHAM AIRPORT COMMISSION
 DATE 6-25-20
 APPROVED *[Signature]* MR. TIM HOWARD, AIRPORT MANAGER
 DATE 6-25-20

| NAVAIDS LIST | | | |
|--------------|-------------------------------|---------|----------|
| TYPE | OPERATOR | STATUS | |
| 1 | REILS 6 | AIRPORT | EXISTING |
| 2 | PAPI 6 | AIRPORT | EXISTING |
| 3 | ASOS | NWS | EXISTING |
| 4 | ROTATING BEACON | AIRPORT | EXISTING |
| 5 | WINDCONE AND SEGMENTED CIRCLE | AIRPORT | EXISTING |
| 6 | PAPI 24 | AIRPORT | EXISTING |
| 7 | NDB | MASSDOT | EXISTING |
| 8 | REILS 24 | AIRPORT | EXISTING |

| SURVEY MONUMENTS | | | |
|------------------|--------------|--------------|-------------------|
| | NORTHING | EASTING | ELEV. DESCRIPTION |
| 1 | 2,715,091.91 | 1,068,922.33 | 60.70 PACS |
| 2 | 2,714,051.71 | 1,067,880.42 | 48.90 SACS |
| 3 | 2,716,185.03 | 1,069,793.21 | 60.87 SACS |

| ITEM | LEGEND | |
|----------------------------------|--------------|------------|
| | (E) EXISTING | (F) FUTURE |
| AIRPORT PROPERTY LINE | --- | --- |
| RUNWAY SAFETY AREA (RSA) | --- | --- |
| TAXIWAY SAFETY AREA (TSA) | --- | --- |
| RUNWAY OBSTACLE FREE ZONE (ROFZ) | --- | --- |
| RUNWAY PROTECTION ZONE (RPZ) | --- | --- |
| RUNWAY OBJECT FREE AREA (ROFA) | --- | --- |
| TAXIWAY OBJECT FREE AREA (TOFA) | --- | --- |
| WETLANDS | | |
| BUILDINGS | | |
| PAVEMENT | | |
| B' CHAINLINK FENCE | | |
| EXISTING PAVEMENT TO BE REMOVED | | |
| RESERVED FOR FUTURE DEVELOPMENT | | |
| PROPOSED PRIMARY SURFACE | | |
| RUNWAY MARKINGS | | |
| AIRPORT REFERENCE POINT (ARP) | | |

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

GRAPHIC SCALE
 0 100 200 400
 SCALE: 1" = 200'

SHEET TITLE
AIRPORT LAYOUT PLAN

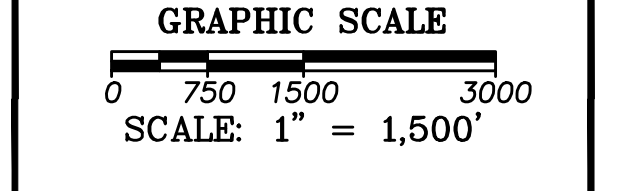
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4
 4 of 12

3/27/2020 3:55:09 PM C:\Users\jva\Desktop\777064 COX AMPU\MPC\ALP\Working Drawings\Final ALP\777064-COX-AP-09-Ultimate Airport Layout Plan.dwg (4A)

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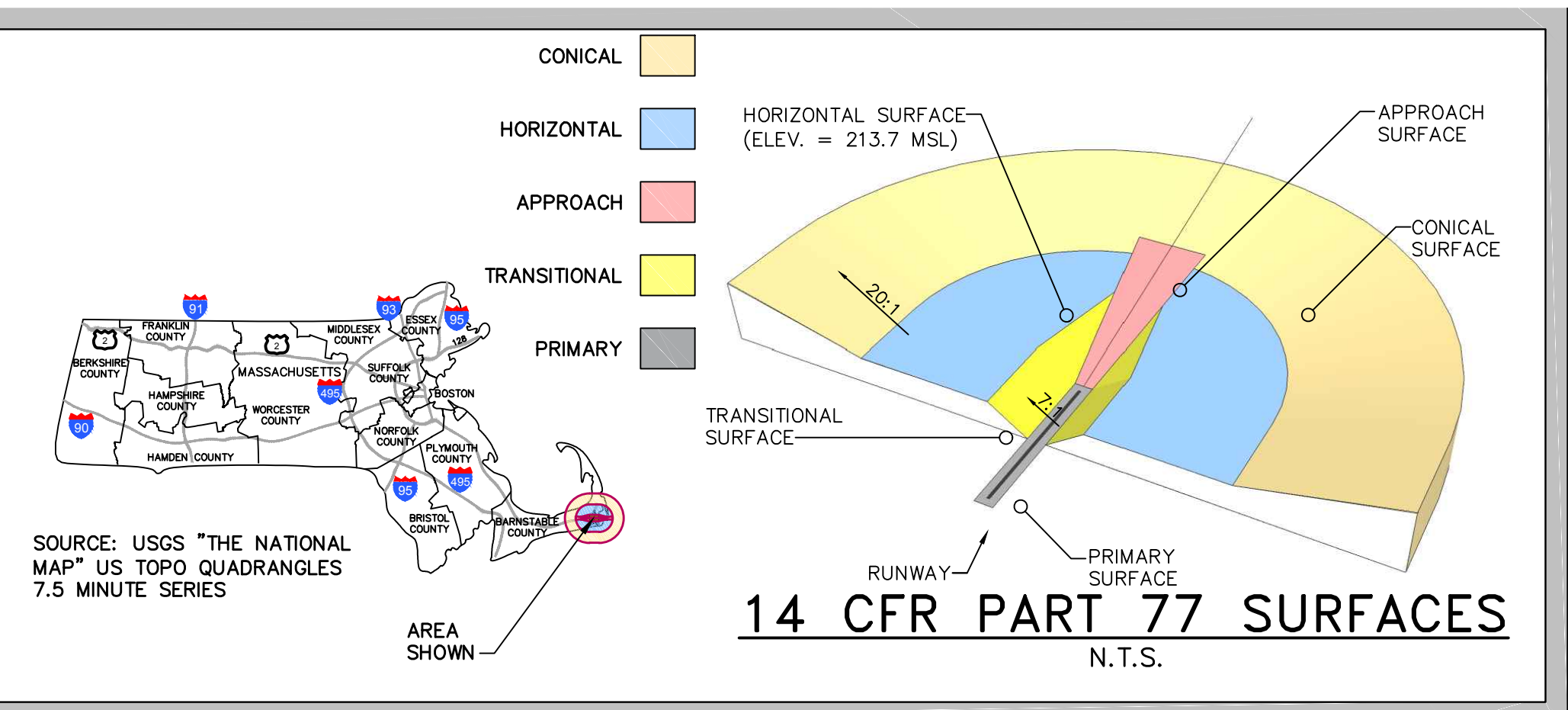
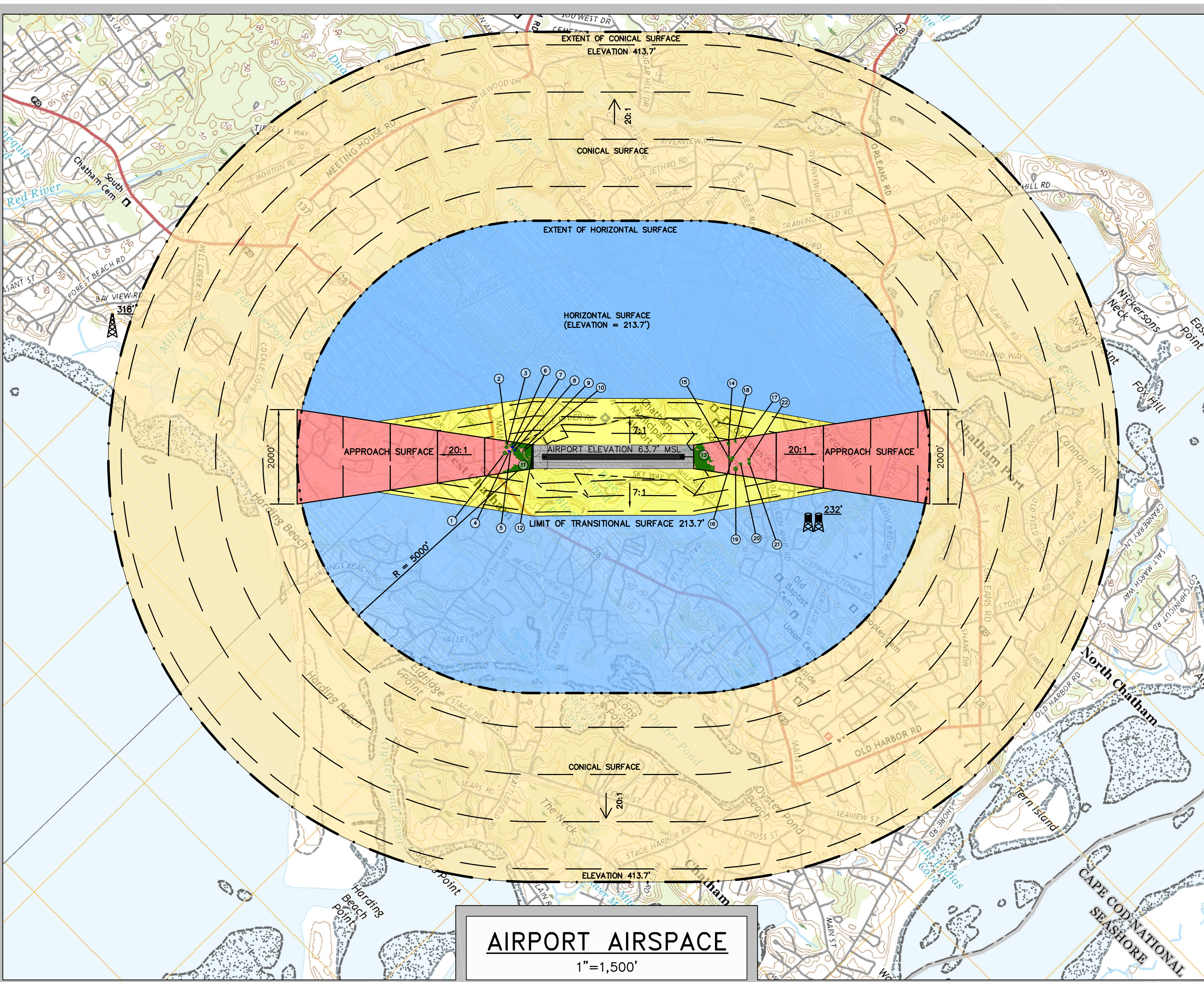
PROJECT: AIRPORT MASTER PLAN UPDATE
 AIP NO. 3-25-0015-23-2018
 OWNER: CHATHAM MUNICIPAL AIRPORT
 TOWN OF CHATHAM, MASSACHUSETTS

| 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.

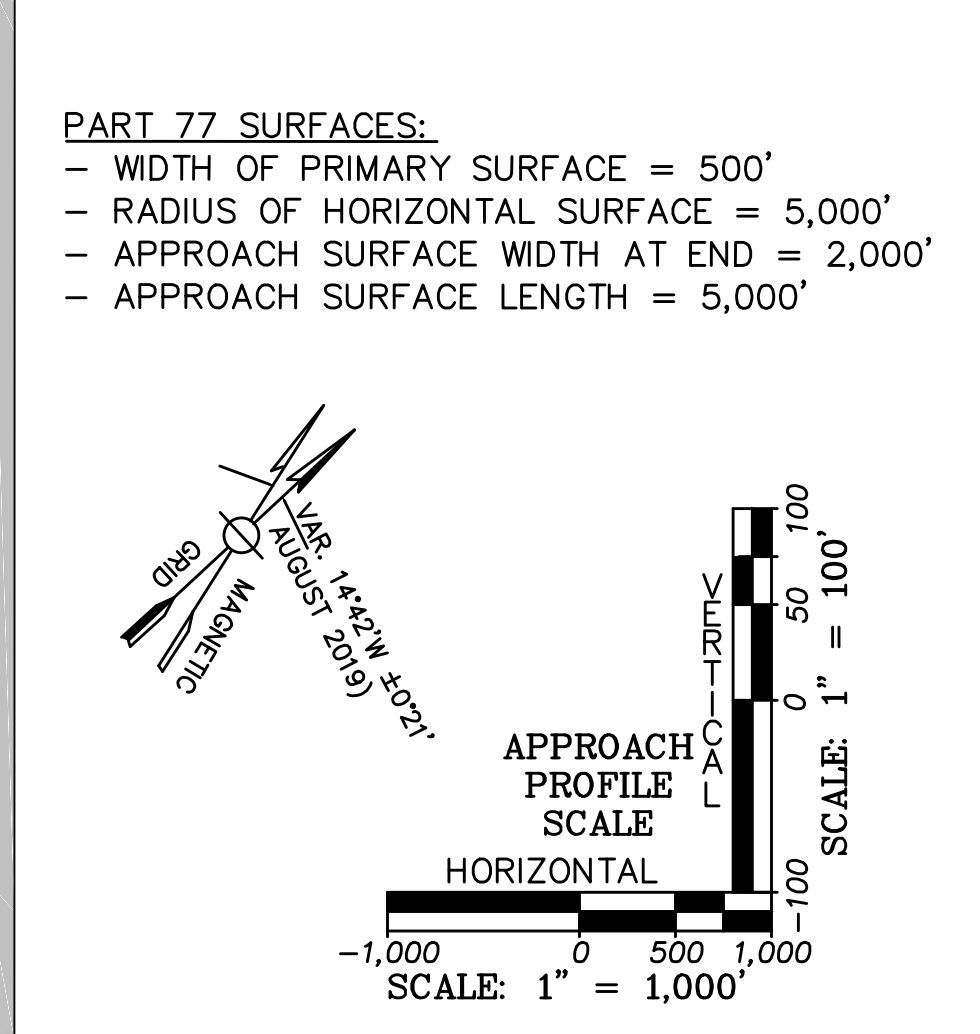
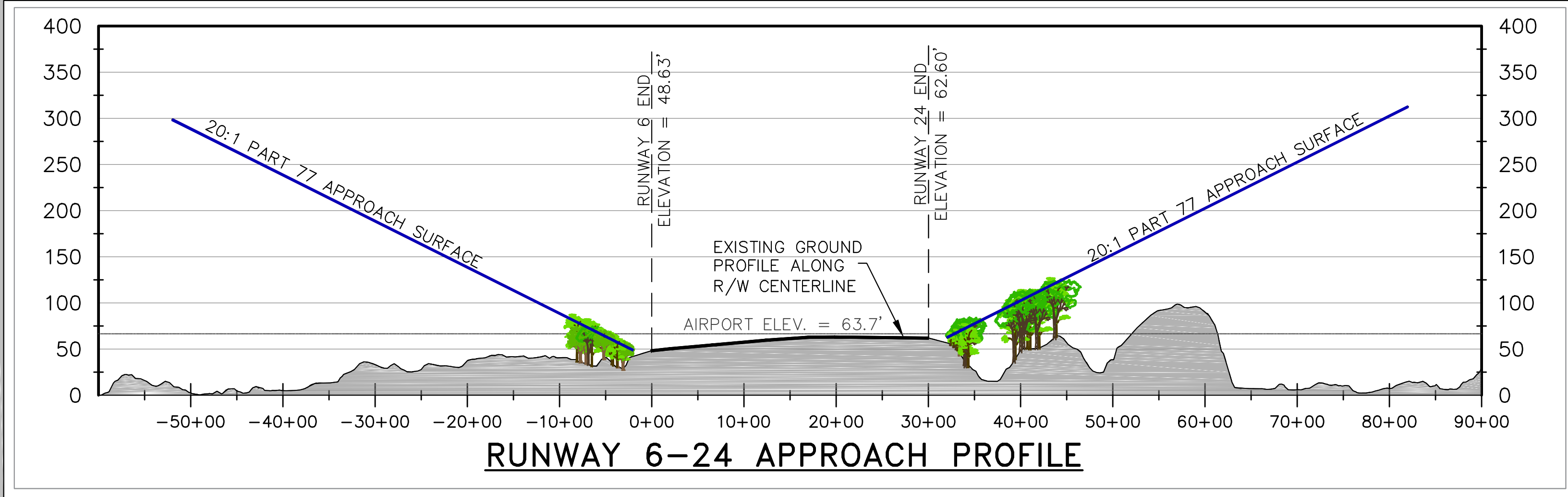
5
 5 of 12



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.



LEGEND

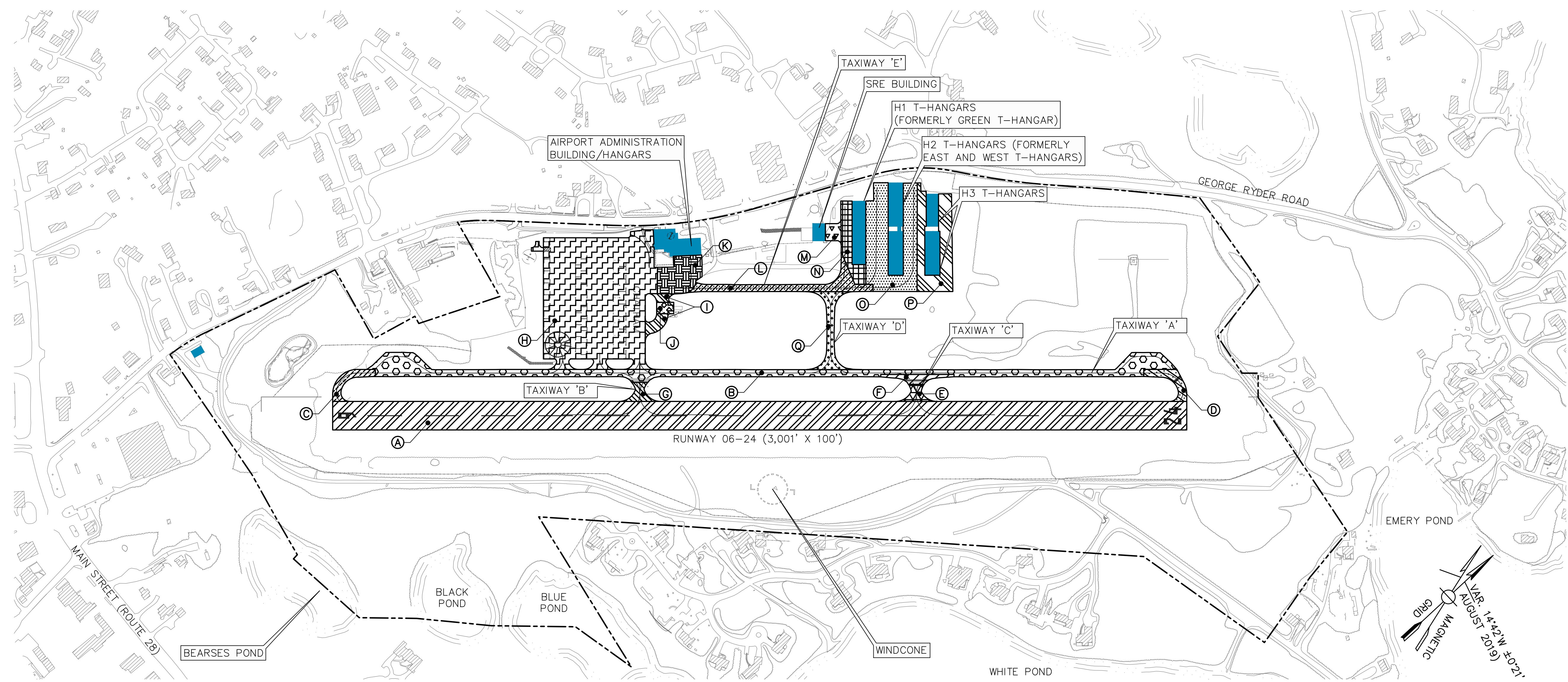
| | |
|---|-------------|
| AIRPORT PROPERTY LINE | --- |
| VEGETATION PENETRATING PART 77 SURFACES | [Green Box] |
| STRUCTURES PENETRATING PART 77 SURFACES | [Blue Box] |
| OBSTRUCTION ID | ⊙ |
| LIGHTED WATER TANK | ⊕ EL. X' |
| TOWER | ⊕ EL. X' |

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

PREPARED FOR:

PROJECT
 AIRPORT MASTER PLAN UPDATE
 AIP NO. 3-25-0015-23-2018

OWNER
 CHATHAM MUNICIPAL AIRPORT
 TOWN OF CHATHAM, MASSACHUSETTS



PAVEMENT HISTORY PLAN

SCALE: 1" = 200'

- A RUNWAY 06-24:**
 -RECONSTRUCTED IN 2009, AIP NO. 3-25-0015-19-2009
 P-401 3" BITUMINOUS CONCRETE PAVEMENT, 2 LIFTS
 P-603 BITUMINOUS TACK COAT
 P-602 BITUMINOUS PRIME COAT
 M-004 12" RECLAIMED BASE COARSE
 -THE PAVEMENT PCI IN 2016: 76
- B TAXIWAY 'A' - PARALLEL SECTION:**
 -CONSTRUCTED IN 1988, AIP NO. 3-25-0015-06
 P-460 3" CLASS 1 BCP 2 LIFTS
 P-603 BITUMINOUS TACK COAT
 P-602 BITUMINOUS PRIME COAT
 P-217A 6" STABILIZED AGGREGATE 1" SURFACE BASE COURSE
 COMPACTED SUBGRADE
 -THE PAVEMENT PCI IN 2016: 66
- C TAXIWAY 'A' - SOUTHWEST SECTION:**
 -RECONSTRUCTED IN 2009, AIP NO. 3-25-0015-19-2009
 P-401 3" BITUMINOUS CONCRETE PAVEMENT, 2 LIFTS
 P-603 BITUMINOUS TACK COAT
 P-602 BITUMINOUS PRIME COAT
 M-004 12" RECLAIMED BASE COARSE
 -THE PAVEMENT PCI IN 2016: 90
- D TAXIWAY 'A' NORTHEAST SECTION:**
 -RECONSTRUCTED IN 2009, AIP NO. 3-25-0015-19-2009
 P-401 3" BITUMINOUS CONCRETE PAVEMENT, 2 LIFTS
 P-603 BITUMINOUS TACK COAT
 P-602 BITUMINOUS PRIME COAT
 M-004 12" RECLAIMED BASE COARSE
 -THE PAVEMENT PCI IN 2016: 85

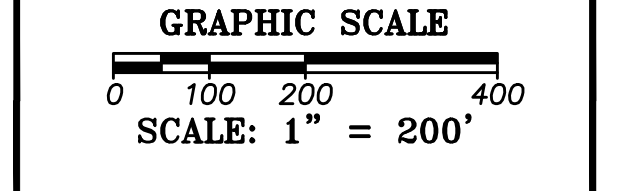
- E TAXIWAY 'C' SOUTHEAST SECTION:**
 -RECONSTRUCTED IN 2009, AIP NO. 3-25-0015-19-2009
 P-401 3" BITUMINOUS CONCRETE PAVEMENT, 2 LIFTS
 P-603 BITUMINOUS TACK COAT
 P-602 BITUMINOUS PRIME COAT
 M-004 12" RECLAIMED BASE COARSE
 -THE PAVEMENT PCI IN 2016: 89
- F TAXIWAY 'C' NORTHWEST SECTION:**
 -CONSTRUCTED IN 1988, AIP NO. 3-25-0015-06
 P-460 3" CLASS 1 BCP 2 LIFTS
 P-603 BITUMINOUS TACK COAT
 P-602 BITUMINOUS PRIME COAT
 P-217A 6" STABILIZED AGGREGATE 1" SURFACE BASE COURSE
 COMPACTED SUBGRADE
 -THE PAVEMENT PCI IN 2016: 51
- G TAXIWAY 'B':**
 -RECONSTRUCTED IN 2009, AIP NO. 3-25-0015-19-2009
 P-401 3" BITUMINOUS CONCRETE PAVEMENT, 2 LIFTS
 P-603 BITUMINOUS TACK COAT
 P-602 BITUMINOUS PRIME COAT
 M-004 12" RECLAIMED BASE COARSE
 -THE PAVEMENT PCI IN 2016: 73
- H MAIN APRON:**
 -RECONSTRUCTED IN 2006, AIP NO. 3-25-0015-16-2006
 P-401A 3" BITUMINOUS CONCRETE PAVEMENT, 2 LIFTS
 P-603 BITUMINOUS TACK COAT
 P-602 BITUMINOUS PRIME COAT
 P-209A 6" CRUSHED AGGREGATE BASE COURSE
 P-154A 7" BLENDED SUBBASE
 -THE PAVEMENT PCI IN 2016: 94

- I ACCESS ROAD TO FUEL APRON:**
 -CONSTRUCTED IN 2008, AIP NO. 3-25-0015-17-2007
 P-401A 3" BITUMINOUS CONCRETE PAVEMENT, 2 LIFTS
 P-603 BITUMINOUS TACK COAT
 P-602 BITUMINOUS PRIME COAT
 P-209A 6" CRUSHED AGGREGATE BASE COURSE
 P-154A 7" SUBBASE COURSE
 -THE PAVEMENT PCI IN 2016: 98
- J FUEL APRON:**
 -CONSTRUCTED IN 2008, AIP NO. 3-25-0015-17-2007
 P-610 7" 4,000 PSI PORTLAND CEMENT CONCRETE PAVEMENT
 P-209A 6" CRUSHED AGGREGATE BASE COURSE
 P-154A 7" SUBBASE COURSE
 -THE PAVEMENT PCI IN 2016: 93
- K MAIN APRON-NORTH SECTION:**
 -RECONSTRUCTED IN 1983, AIP NO. 3-25-0015-01
 P-401 2" BITUMINOUS CONCRETE PAVEMENT
 P-208 4" BASE (NEW)
 P-208 4" BASE (EXISTING)
 P-154 17" SUBBASE (EXISTING)
 -THE PAVEMENT PCI IN 2016: 29
- L TAXIWAY 'E':**
 -CONSTRUCTED IN 1998, AIP NO. 3-25-0015-09
 P-401 3" BITUMINOUS CONCRETE PAVEMENT
 P-209 6" BASE
 P-152 9" SUBGRADE
 -THE PAVEMENT PCI IN 2016: 60

NOTES:

1. PCI NUMBERS TAKEN FROM STATEWIDE AIRPORT PAVEMENT MANAGEMENT SYSTEM SUMMARY WEBSITE "WWW.APPLIEDPAVEMENT.COM".
- M SRE DRIVEWAY:**
 -CONSTRUCTED IN 2014, AIP NO. 3-25-0015-20-2012
 P-401 4" BITUMINOUS CONCRETE PAVEMENT, 2 LIFTS
 MHD-M2.01.7 12" DENSE GRADED CRUSHED STONE
 -THE PAVEMENT PCI IN 2016: 100
- N TAXILANE WEST OF H1 T-HANGAR:**
 -CONSTRUCTED IN 1971
 -THE PAVEMENT PCI IN 2016: 14
- O TAXILANES AROUND H2 T-HANGAR:**
 -CONSTRUCTED IN 2000
 -THE PAVEMENT PCI IN 2016: 70
- P TAXILANES AROUND H3 T-HANGAR:**
 -CONSTRUCTED IN 2008
 -THE PAVEMENT PCI IN 2016: 89
- Q TAXIWAY 'D':**
 -CONSTRUCTED IN 1998, AIP NO. 3-25-0015-09
 P-401 3" BITUMINOUS CONCRETE PAVEMENT
 P-209 6" BASE
 P-152 9" SUBGRADE
 -THE PAVEMENT PCI IN 2016: 59

| NO. | DATE | DESCRIPTION | BY |
|-------------|------|-------------|----|
| PROJECT NO. | | 777064 | |
| DESIGNED BY | | DCQ | |
| DRAWN BY | | DCQ | |
| CHECKED BY | | MPC | |
| DATE | | APRIL, 2020 | |



SHEET TITLE
PAVEMENT HISTORY PLAN

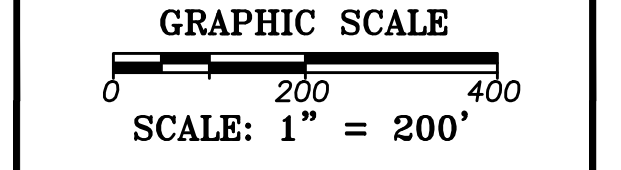
DRAWING NO.
6

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PREPARED FOR:

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 | |

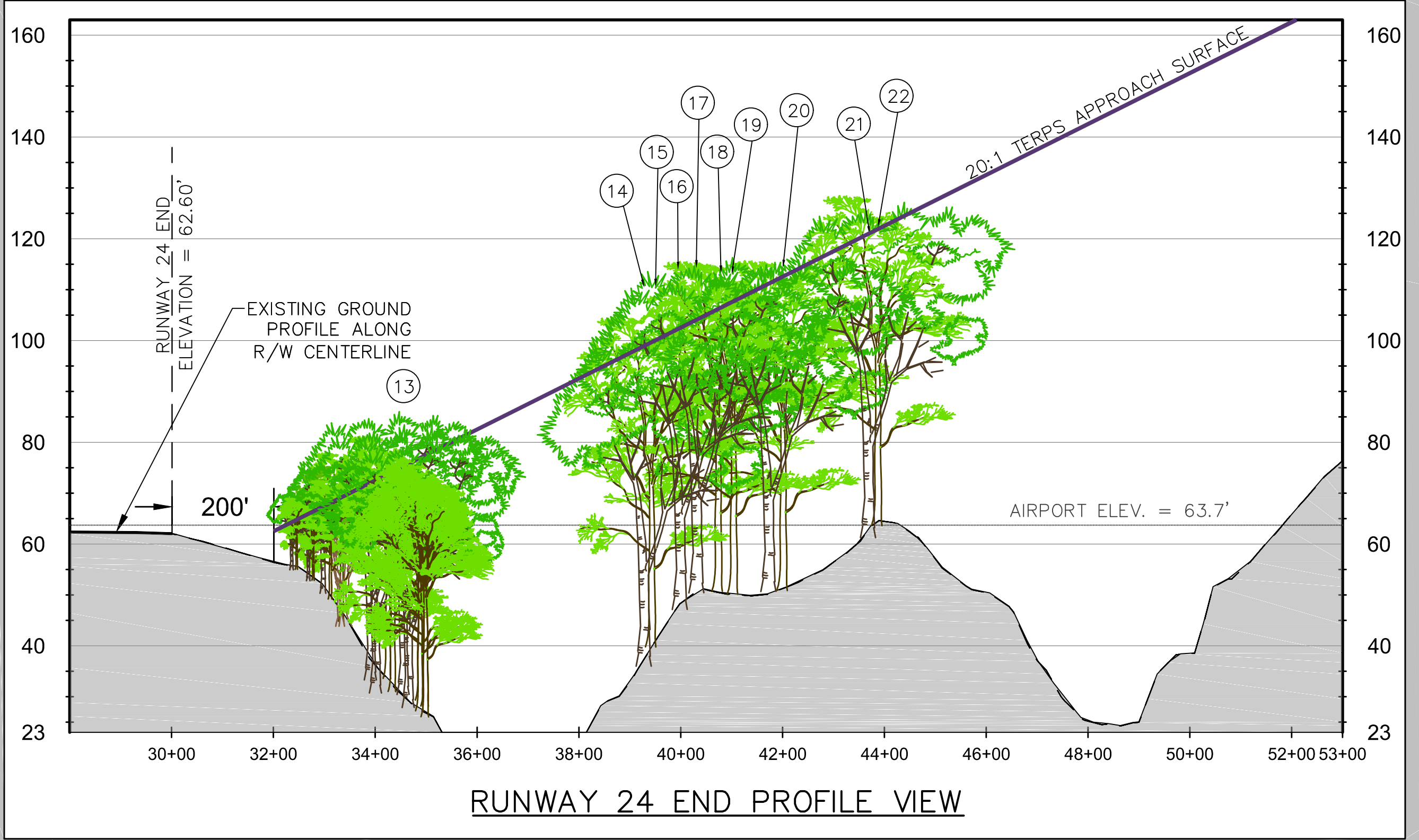
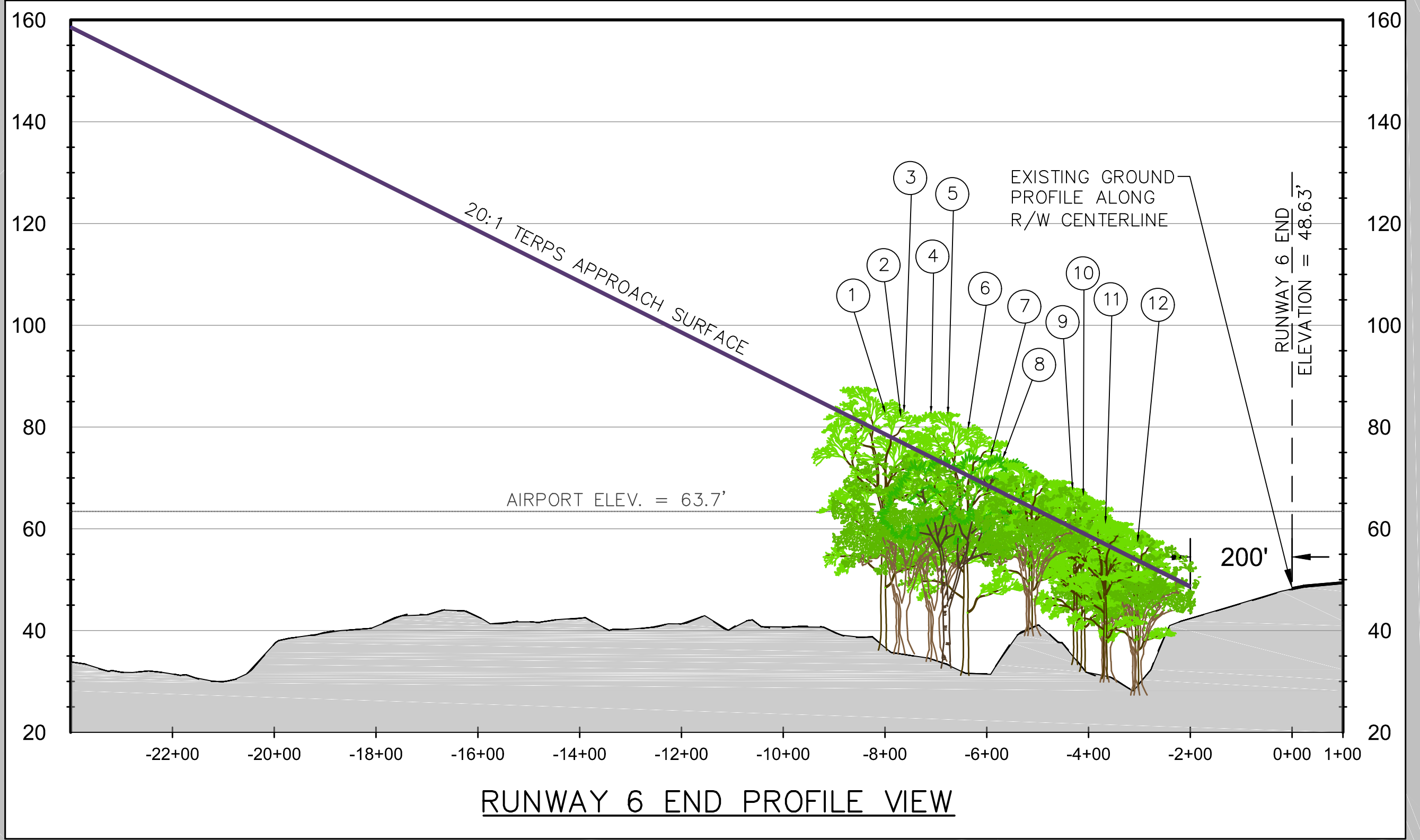
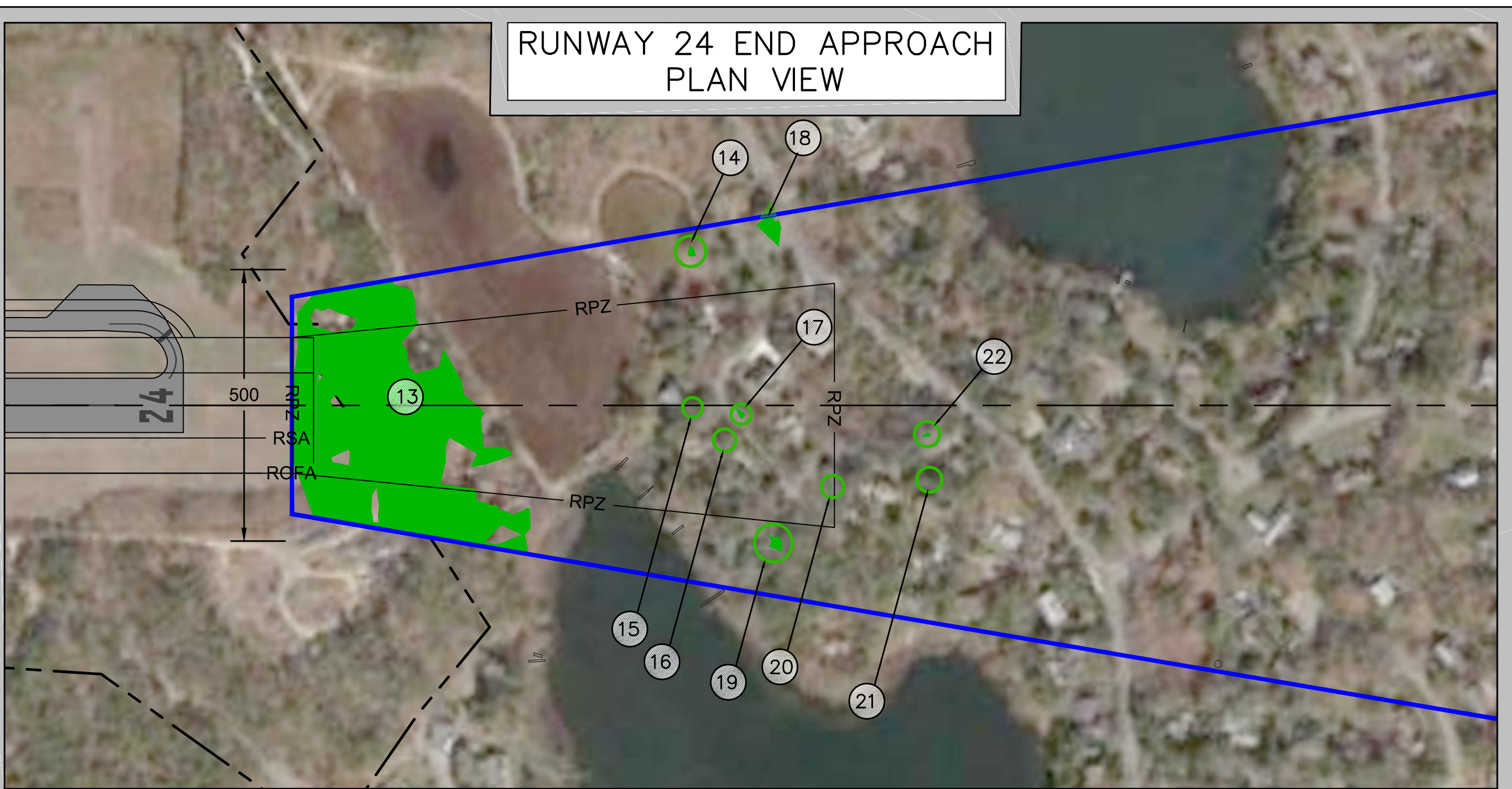
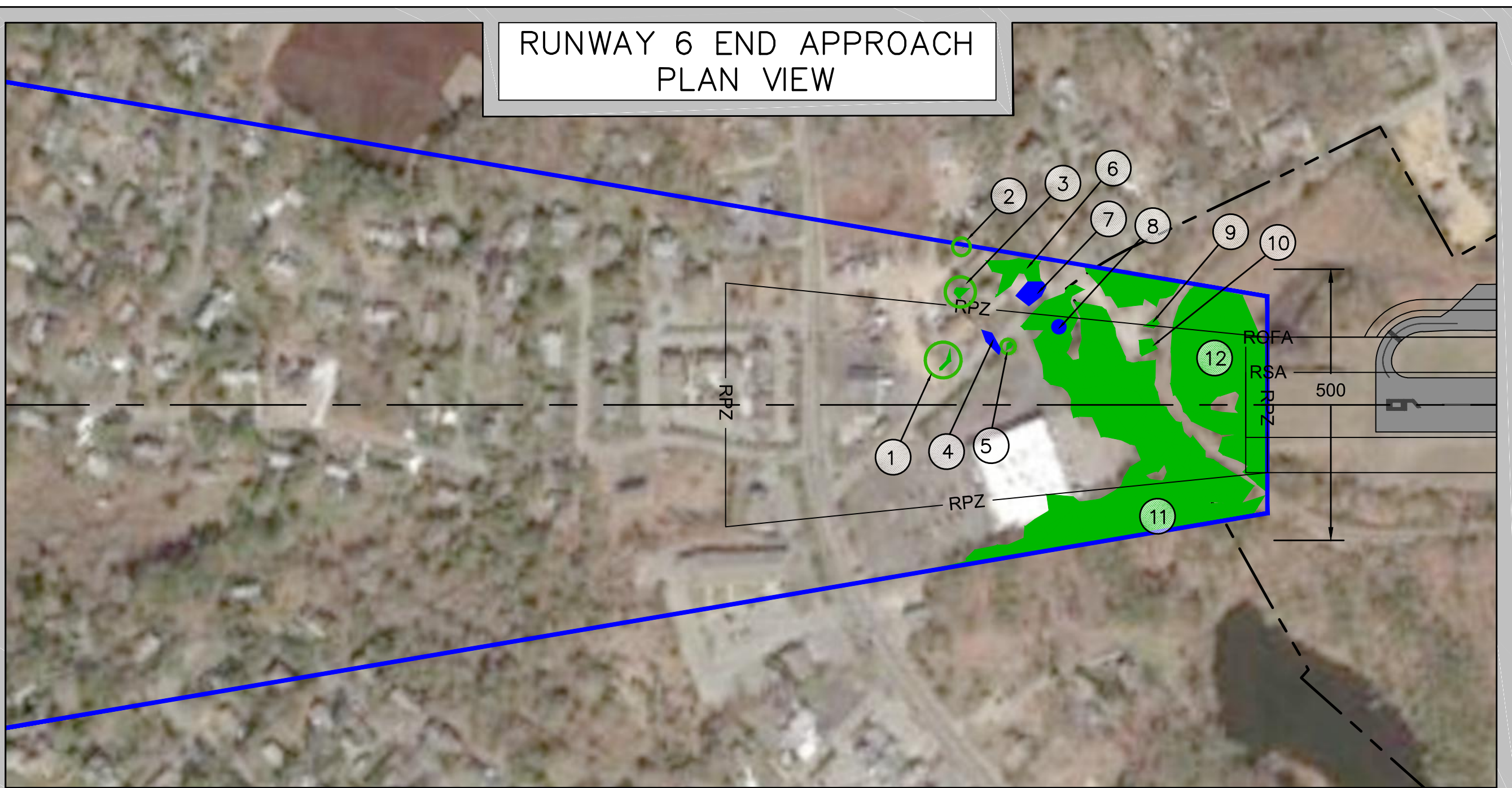


SHEET TITLE

TERPS APPROACH PLAN AND PROFILE
 RUNWAY 6-24

DRAWING NO.

7

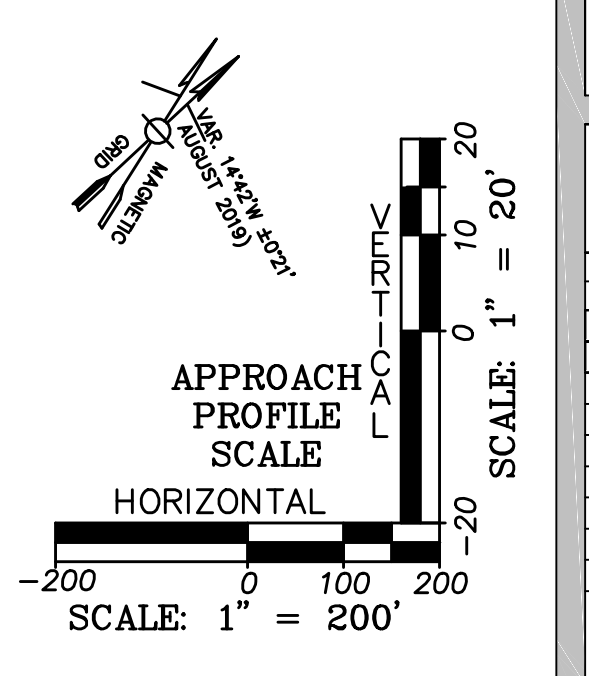


OBSTRUCTION DATA

| OBJECT ID | DESCRIPTION | GROUND ELEVATION (FT. MSL) | PENETRATION (FT) | PROPOSED ACTION |
|-----------|---------------------|----------------------------|------------------|-----------------|
| 1 | GROUP OF TREES | 39.89-40.33 | 1 | REMOVE |
| 2 | TREE | 36.45 | 10.33 | REMOVE |
| 3 | TREE | 38.22 | 7.27 | REMOVE |
| 4 | POLE | 42.96 | 0.5 | LIGHT/LOWER |
| 5 | TREE | 42.76 | 6.48 | REMOVE |
| 6 | TREE | 46.45 | 5.97 | REMOVE |
| 7 | POLE | 46.35 | 8.94 | LIGHT/LOWER |
| 8 | CHIMNEY/ SMOKESTACK | 47.12 | 3.25 | LOWER |
| 9 | TREE | 55.5 | 6.18 | REMOVE |
| 10 | TREE | 59.3 | 1.17 | REMOVE |
| 11 | GROUP OF TREES | 33.04-46.98 | 8.89-13.51 | REMOVE |
| 12 | GROUP OF TREES | 29.7-46.79 | 7.73-18.38 | REMOVE |

LEGEND

| | |
|---------------------------------------|----------|
| AIRPORT PROPERTY LINE | --- |
| RUNWAY SAFETY AREA (RSA) | — RSA — |
| RUNWAY PROTECTION ZONE (RPZ) | — RPZ — |
| RUNWAY OBJECT FREE AREA (ROFA) | — ROFA — |
| RUNWAY OBJECT FREE ZONE (ROFZ) | — ROFZ — |
| 20:1 TERPS APPROACH SURFACE | — |
| EXISTING PAVEMENT | █ |
| VEGETATION PENETRATING TERPS SURFACES | █ |
| STRUCTURE PENETRATING TERPS SURFACES | █ |



OBSTRUCTION DATA

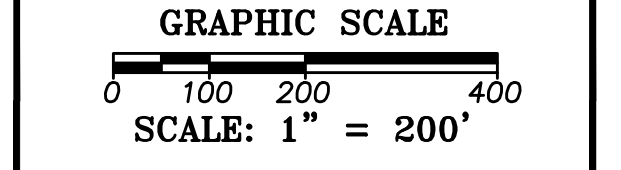
| OBJECT ID | DESCRIPTION | GROUND ELEVATION (FT. MSL) | PENETRATION (FT) | PROPOSED ACTION |
|-----------|----------------|----------------------------|------------------|-----------------|
| 13 | GROUP OF TREES | 50.59-64.25 | 1.36-28.42 | REMOVE |
| 14 | TREE | 18.56 | 0.50 | REMOVE |
| 15 | TREE | 38.81 | 1.00 | REMOVE |
| 16 | TREE | 45.75 | 1.00 | REMOVE |
| 17 | TREE | 49.87 | 2.00 | REMOVE |
| 18 | TREE | 43.23 | 9.01 | REMOVE |
| 19 | TREE | 40.27 | 2.44 | REMOVE |
| 20 | TREE | 55.6 | 1.00 | REMOVE |
| 21 | TREE | 55.33 | 0.50 | REMOVE |
| 22 | TREE | 62.70 | 1.50 | REMOVE |

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PREPARED FOR:

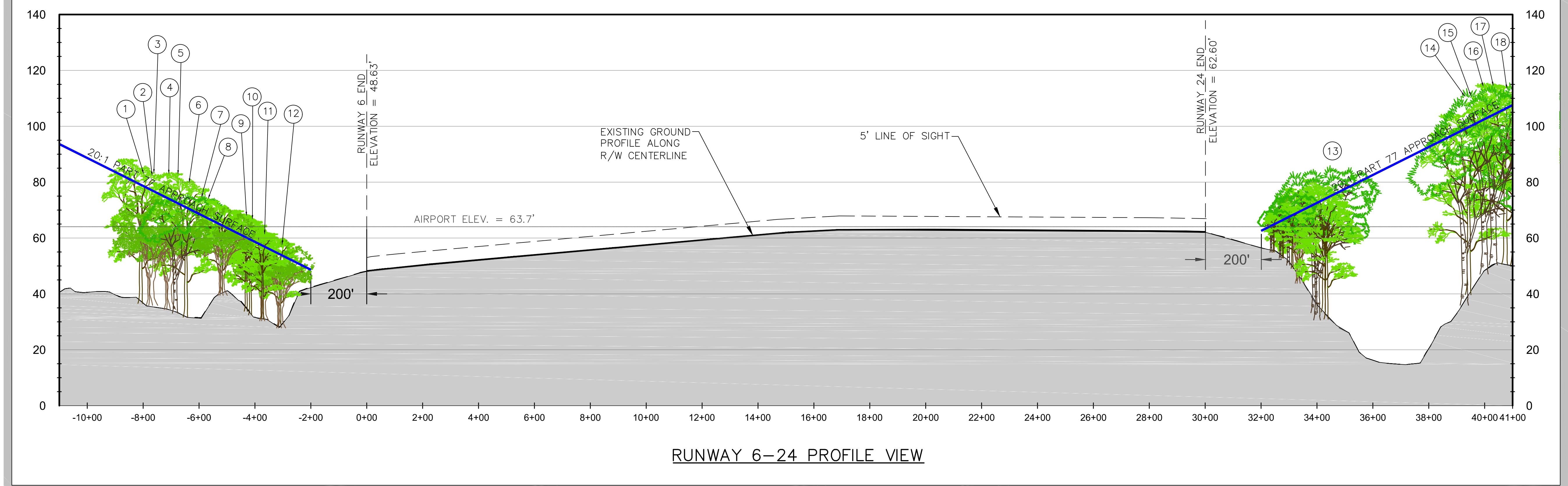
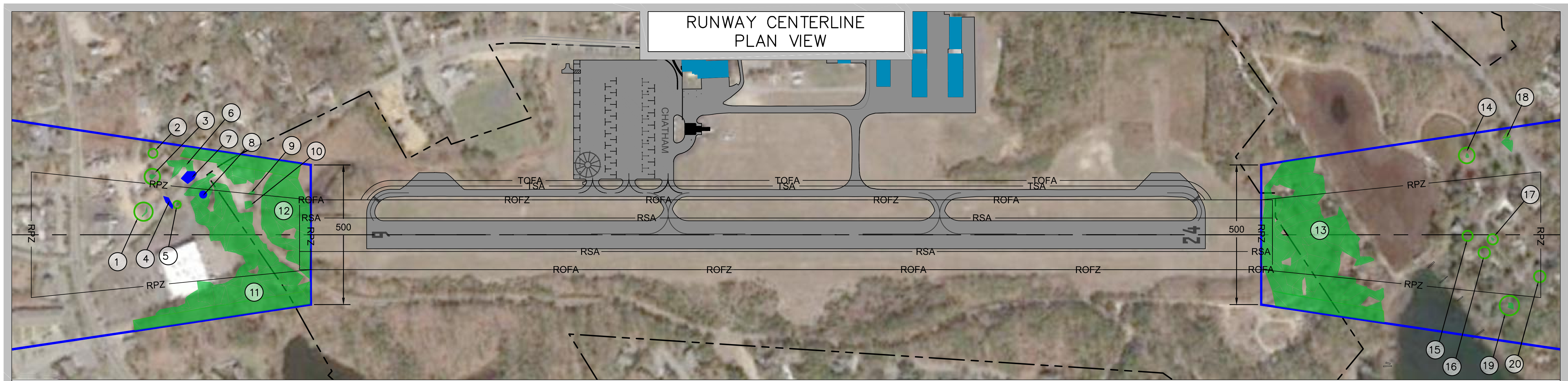
PROJECT: AIRPORT MASTER PLAN UPDATE
 AIP NO. 3-25-0015-23-2018
 OWNER: CHATHAM MUNICIPAL AIRPORT
 TOWN OF CHATHAM, MASSACHUSETTS

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



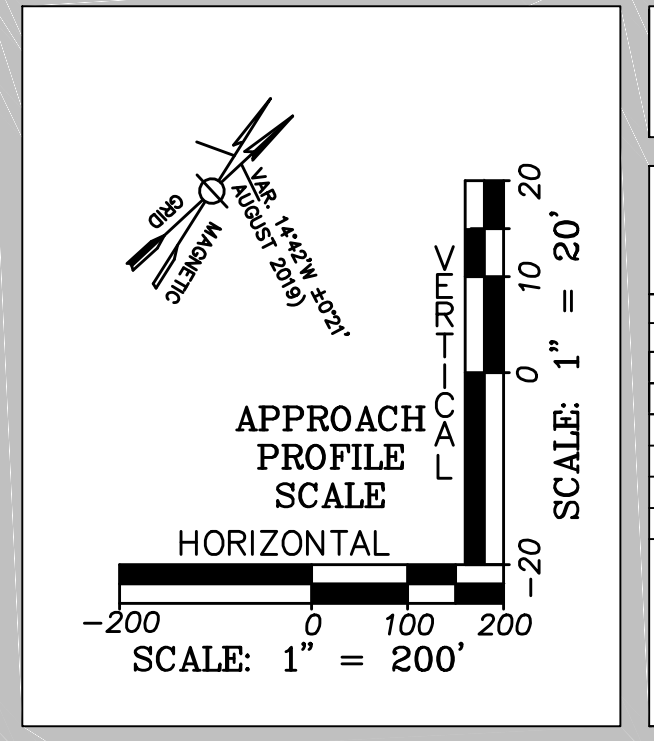
SHEET TITLE
 INNER PORTION OF THE APPROACH PLAN AND PROFILE - RUNWAY 6-24 CENTERLINE

DRAWING NO.
 8
 8 of 12



| OBJECT ID | DESCRIPTION | GROUND ELEVATION (FT. MSL) | PENETRATION (FT) | PART 77 SURFACE(S) | PROPOSED ACTION |
|-----------|---------------------|----------------------------|------------------|--------------------|-----------------|
| 1 | GROUP OF TREES | 39.89-40.33 | 1 | APPROACH SURFACE | |
| 2 | TREE | 36.45 | 10.33 | APPROACH SURFACE | |
| 3 | TREE | 38.22 | 7.27 | APPROACH SURFACE | |
| 4 | POLE | 42.96 | 0.5 | APPROACH SURFACE | |
| 5 | TREE | 42.76 | 6.48 | APPROACH SURFACE | |
| 6 | TREE | 46.45 | 5.97 | APPROACH SURFACE | |
| 7 | POLE | 46.35 | 8.94 | APPROACH SURFACE | |
| 8 | CHIMNEY/ SMOKESTACK | 47.12 | 3.25 | APPROACH SURFACE | |
| 9 | TREE | 55.5 | 6.18 | APPROACH SURFACE | |
| 10 | TREE | 59.3 | 1.17 | APPROACH SURFACE | |
| 11 | GROUP OF TREES | 33.04-46.98 | 8.89-13.51 | APPROACH SURFACE | |
| 12 | GROUP OF TREES | 29.7-46.79 | 7.73-18.38 | APPROACH SURFACE | |

| | |
|---|-----|
| AIRPORT PROPERTY LINE | --- |
| RUNWAY SAFETY AREA (RSA) | --- |
| RUNWAY PROTECTION ZONE (RPZ) | --- |
| RUNWAY OBJECT FREE AREA (ROFA) | --- |
| 20:1 PART 77 APPROACH SURFACE | --- |
| EXISTING PAVEMENT | --- |
| VEGETATION PENETRATING PART 77 SURFACES | --- |
| STRUCTURE PENETRATING PART 77 SURFACES | --- |



| OBJECT ID | DESCRIPTION | GROUND ELEVATION (FT. MSL) | PENETRATION (FT) | PART 77 SURFACE(S) | PROPOSED ACTION |
|-----------|----------------|----------------------------|------------------|--------------------|-----------------|
| 13 | GROUP OF TREES | 50.59-64.25 | 1.36-28.42 | APPROACH SURFACE | |
| 14 | TREE | 18.56 | 0.50 | APPROACH SURFACE | |
| 15 | TREE | 38.81 | 1.00 | APPROACH SURFACE | |
| 16 | TREE | 45.75 | 1.00 | APPROACH SURFACE | |
| 17 | TREE | 49.87 | 2.00 | APPROACH SURFACE | |
| 18 | TREE | 43.23 | 9.01 | APPROACH SURFACE | |
| 19 | TREE | 40.27 | 2.44 | APPROACH SURFACE | |
| 20 | TREE | 55.6 | 1.00 | APPROACH SURFACE | |

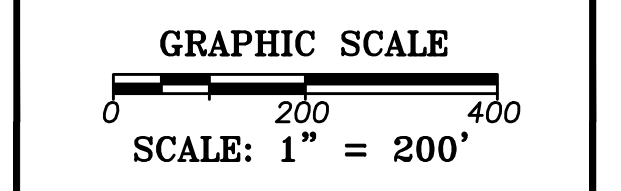
OBSTRUCTION DATA NOTES:
 1. AN OBSTRUCTION SURVEY WILL BE PERFORMED AS PART OF THIS AIRPORT LAYOUT PLAN (ALP) UPDATE.

4/2/2020 6:18:37 PM C:\Users\jva\Desktop\777064-COX-AMPHJ_MPC\ALP\Working Drawings\Final_ALP\777064-COX-ALP-07-Inner Portion of the Approach_Surfaces.dwg (ID)

PREPARED FOR:

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

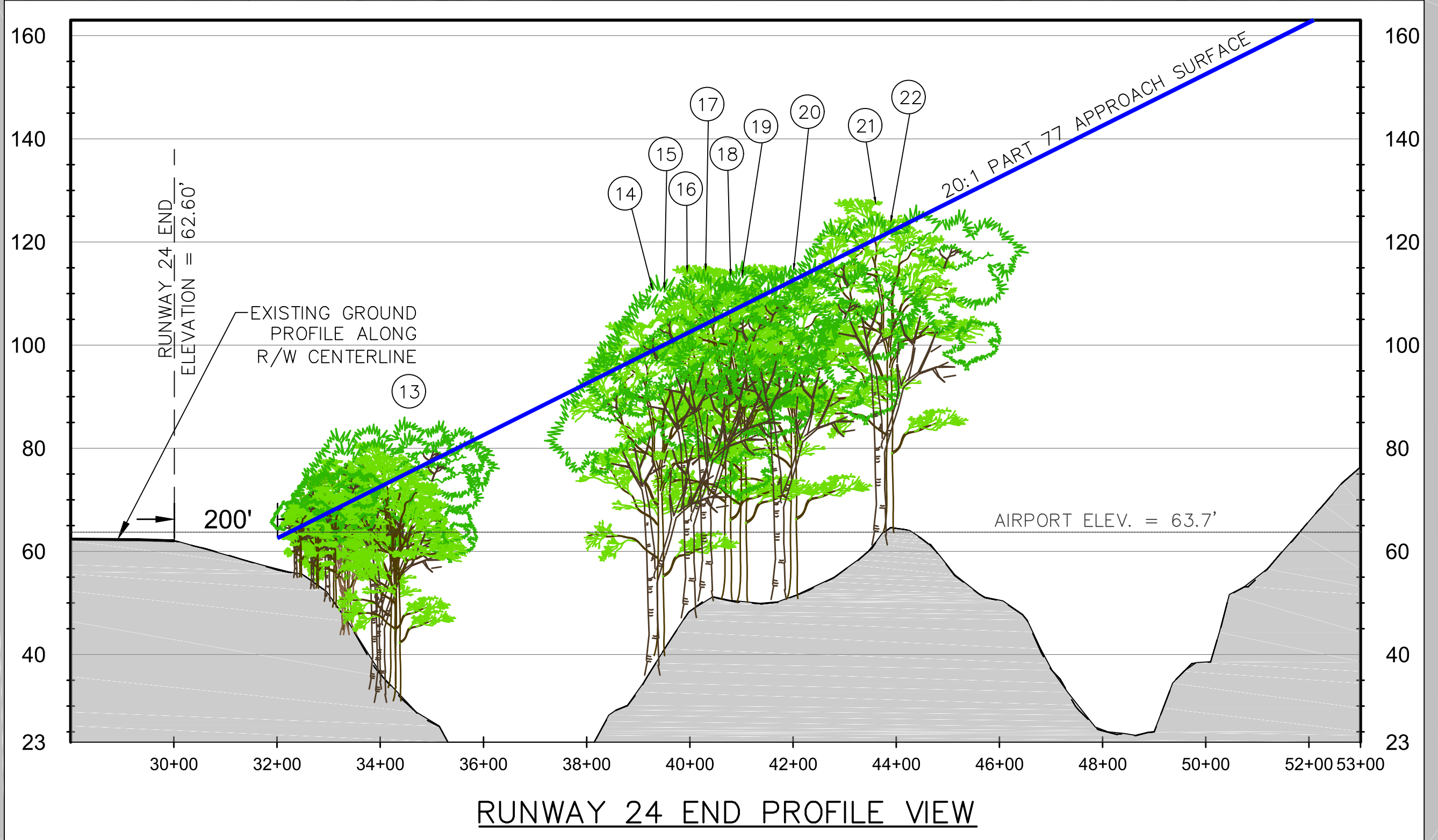
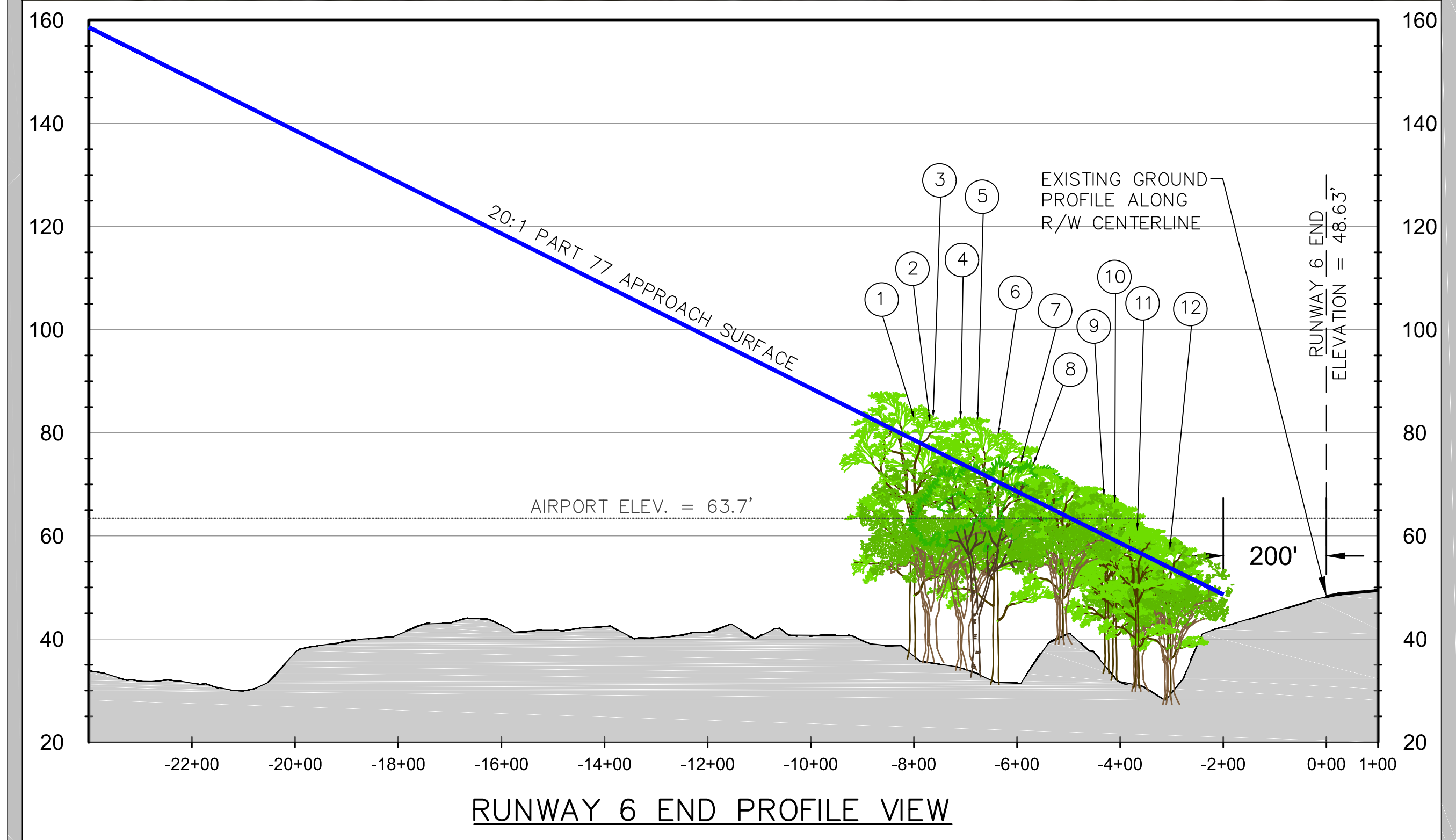
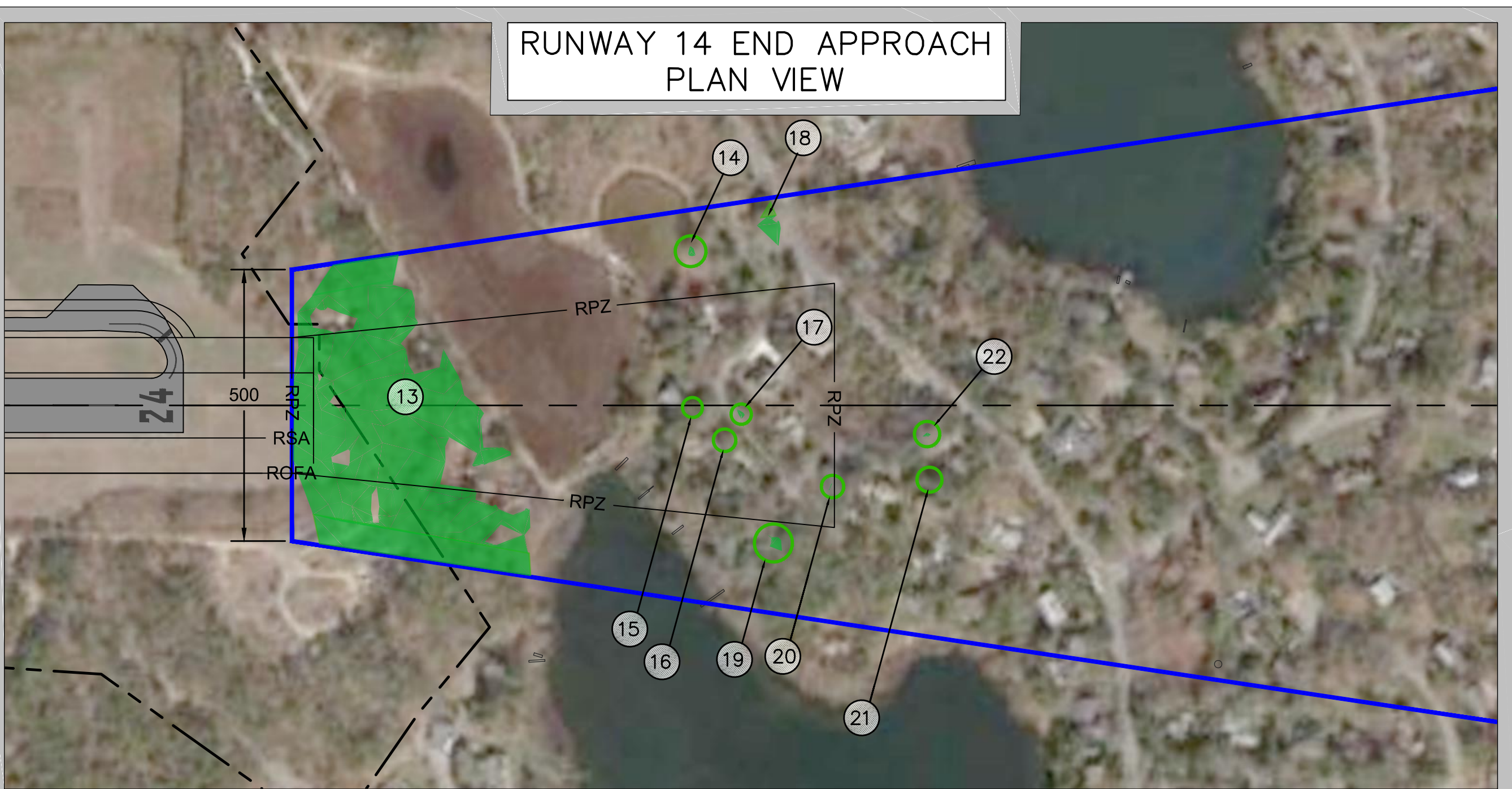
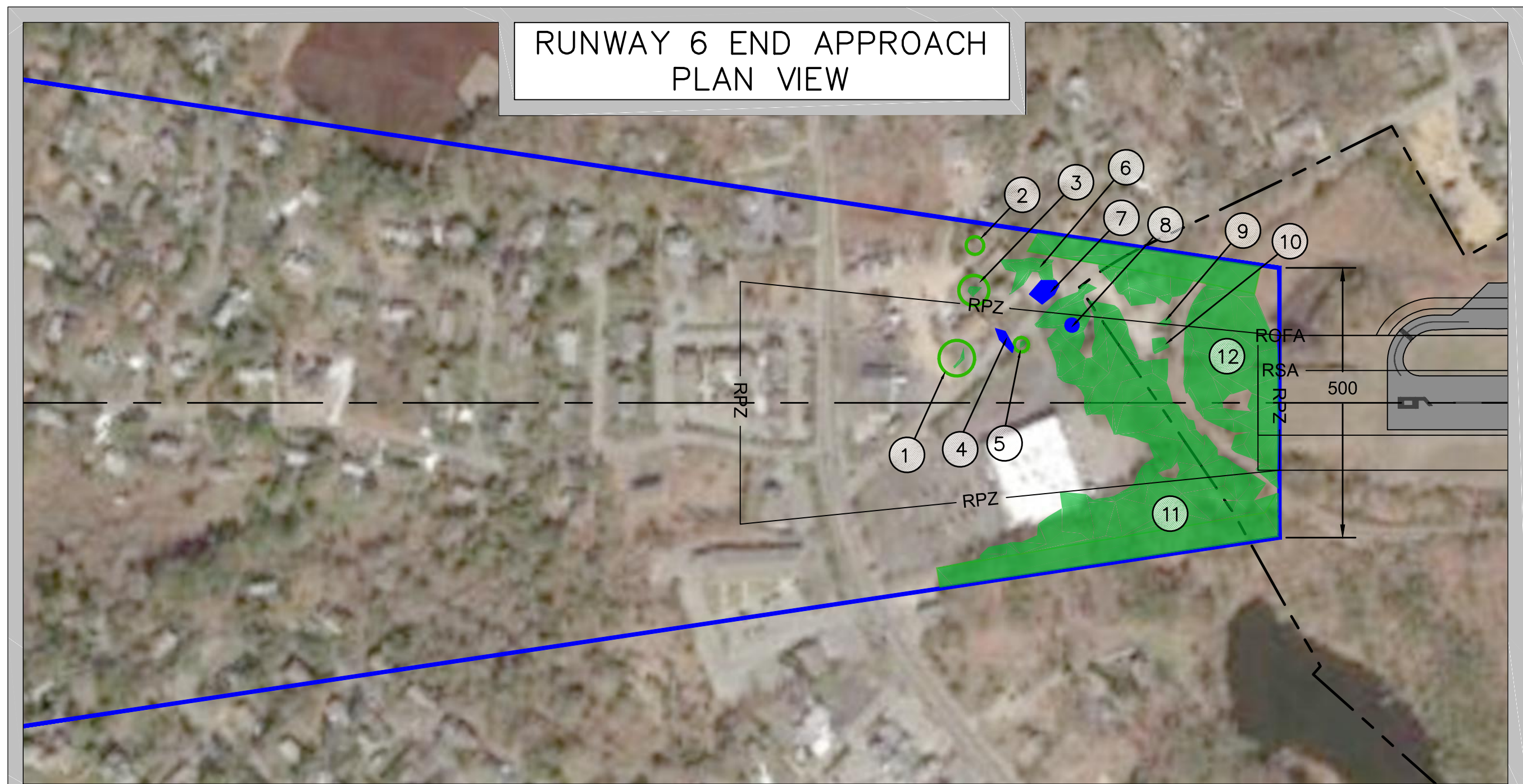
| NO. | DATE | DESCRIPTION | BY |
|-------------|------|-------------|----|
| PROJECT NO. | | 777064 | |
| DESIGNED BY | | ID | |
| DRAWN BY | | ID | |
| CHECKED BY | | MPC | |
| DATE | | APRIL, 2020 | |



SHEET TITLE

PART 77 APPROACH PLAN AND PROFILE
 RUNWAY 6-24

DRAWING NO.
 9
 9 of 12

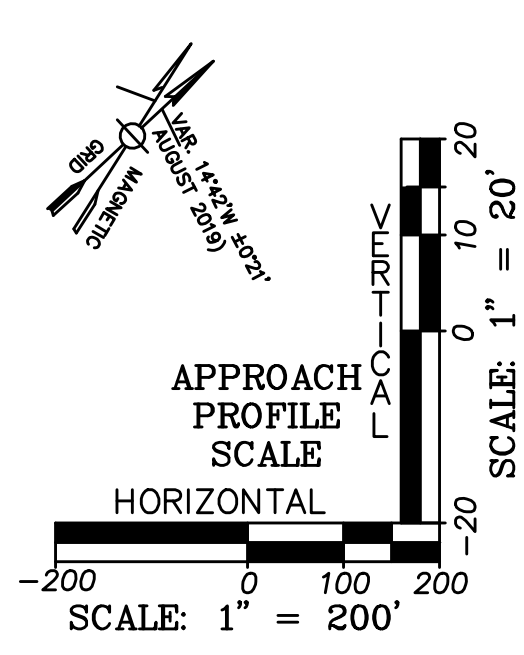


OBSTRUCTION DATA

| OBJECT ID | DESCRIPTION | GROUND ELEVATION (FT. MSL) | PENETRATION (FT) | PART 77 SURFACE(S) | PROPOSED ACTION |
|-----------|---------------------|----------------------------|------------------|--------------------|-----------------|
| 1 | GROUP OF TREES | 39.89-40.33 | 1 | 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 |

LEGEND

| | |
|---|----------|
| AIRPORT PROPERTY LINE | --- |
| RUNWAY SAFETY AREA (RSA) | — RSA — |
| RUNWAY PROTECTION ZONE (RPZ) | — RPZ — |
| RUNWAY OBJECT FREE AREA (ROFA) | — ROFA — |
| 20:1 PART 77 APPROACH SURFACE | — |
| EXISTING PAVEMENT | █ |
| VEGETATION PENETRATING PART 77 SURFACES | █ |
| STRUCTURE PENETRATING PART 77 SURFACES | █ |



OBSTRUCTION DATA

| OBJECT ID | DESCRIPTION | GROUND ELEVATION (FT. MSL) | PENETRATION (FT) | PART 77 SURFACE(S) | PROPOSED ACTION |
|-----------|----------------|----------------------------|------------------|--------------------|-----------------|
| 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 |

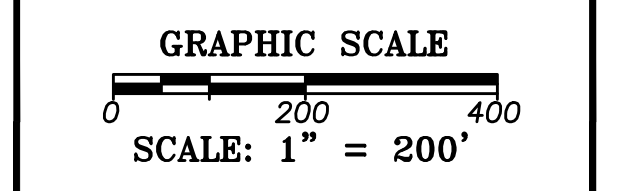
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PREPARED FOR:

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 | |



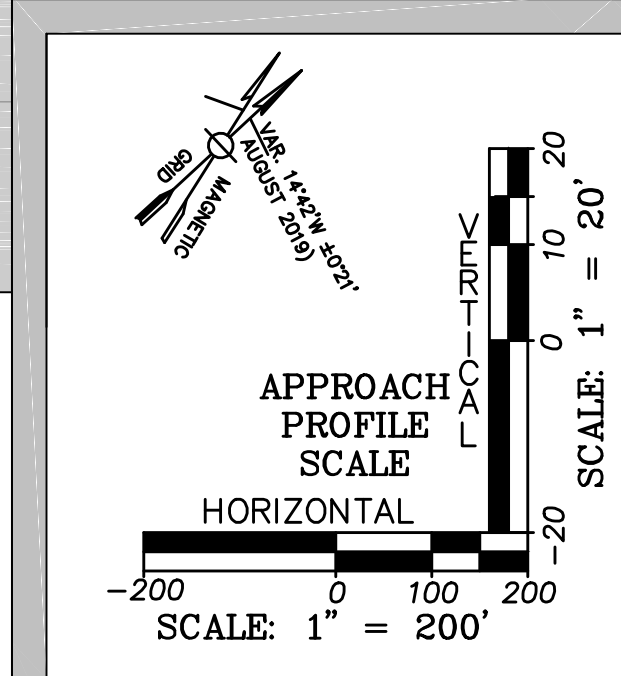
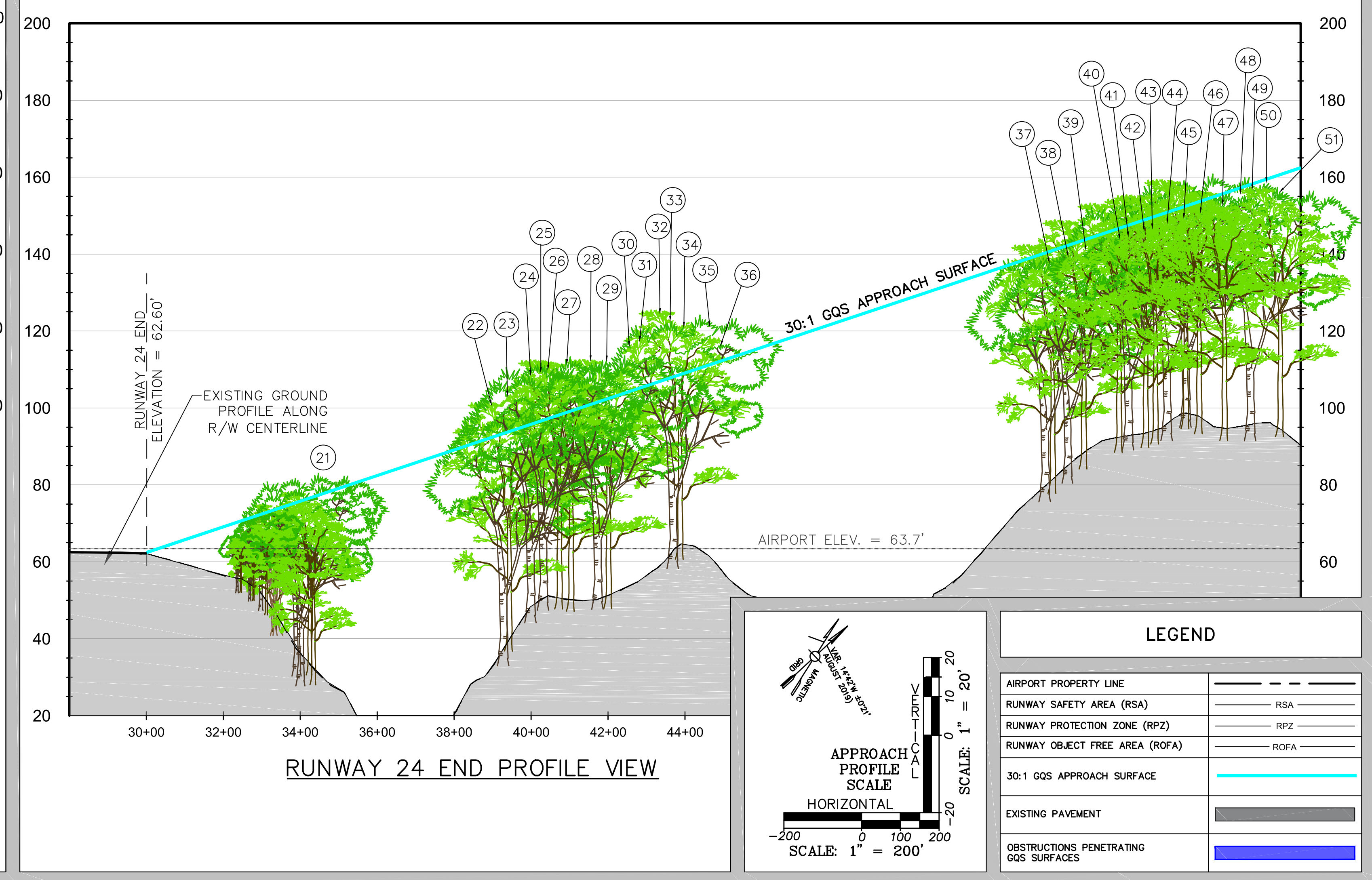
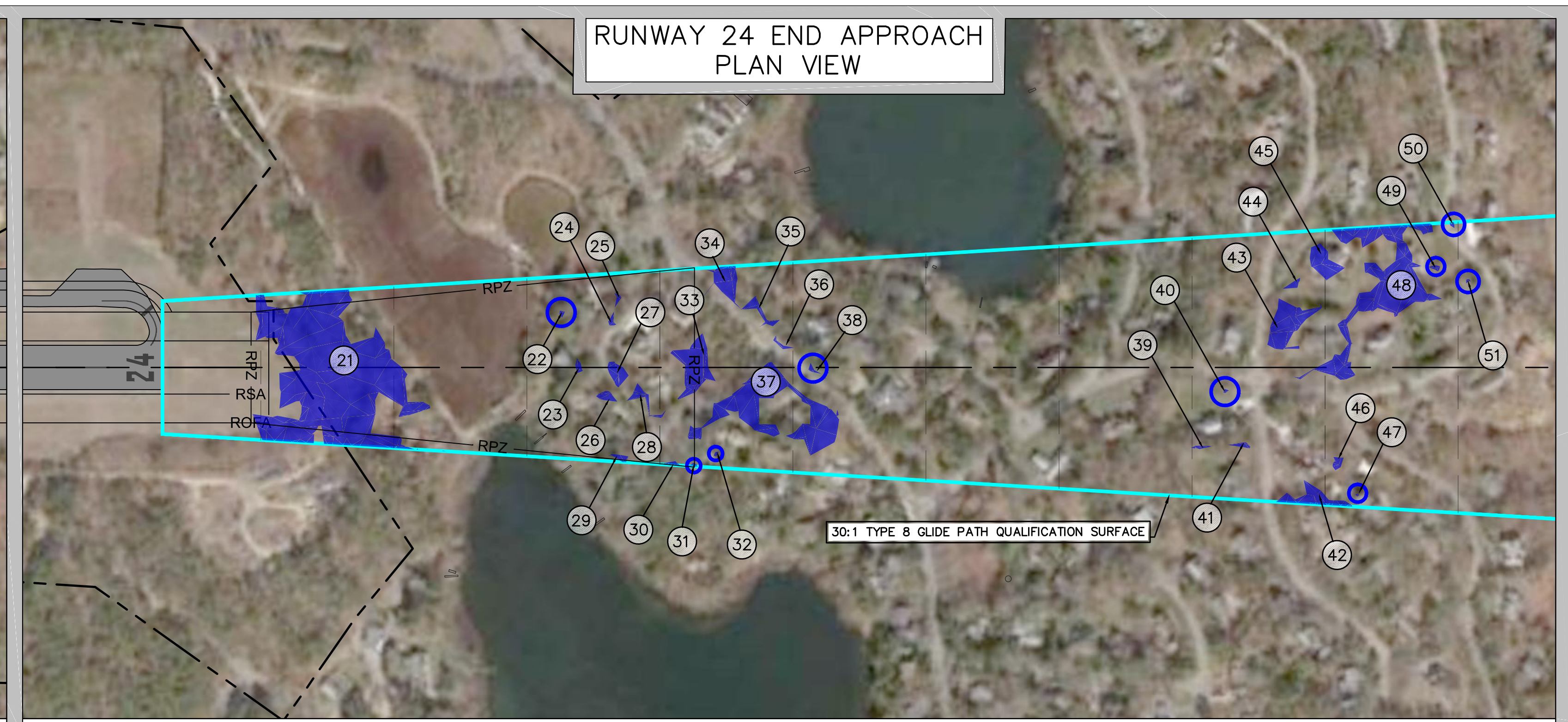
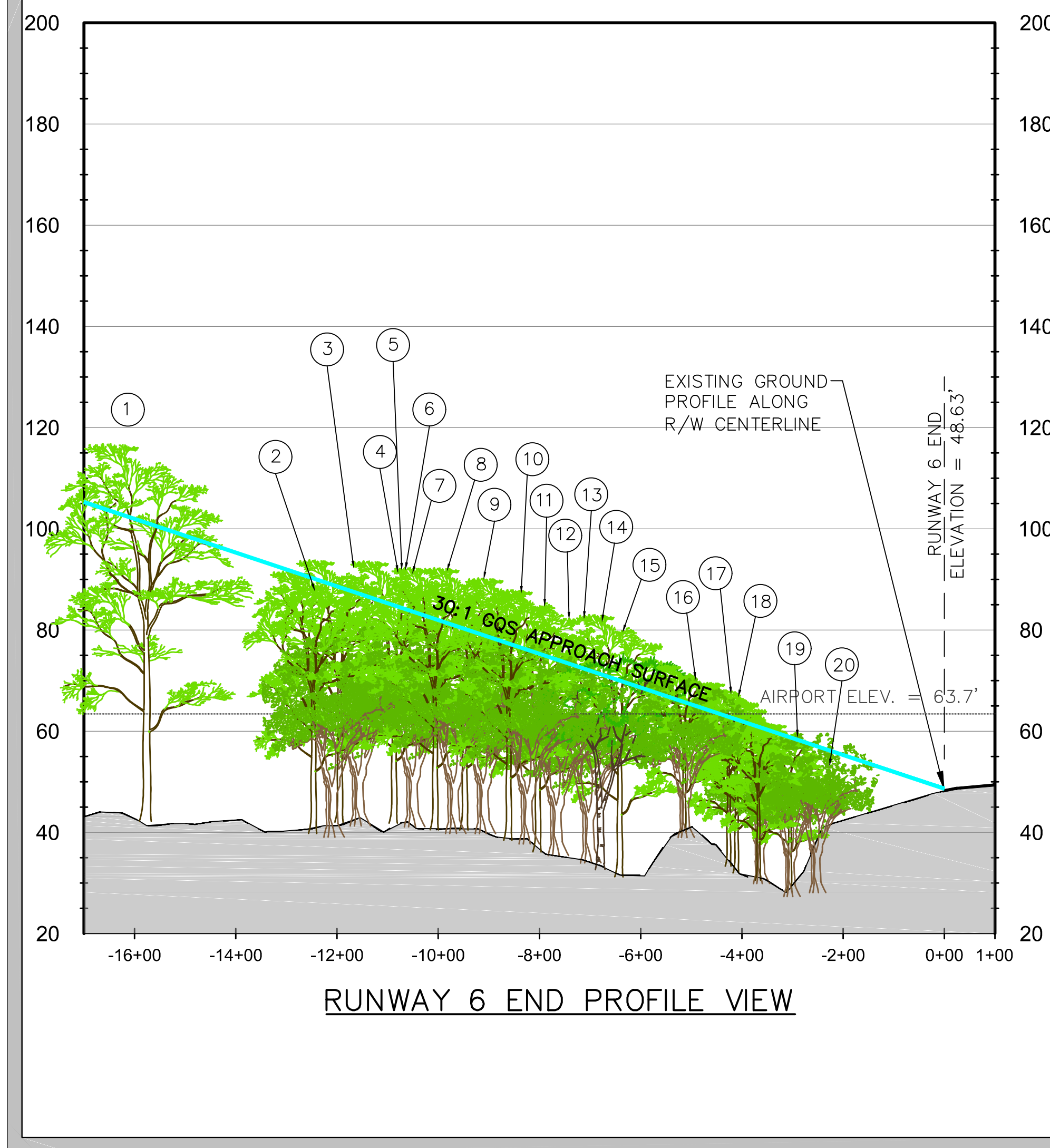
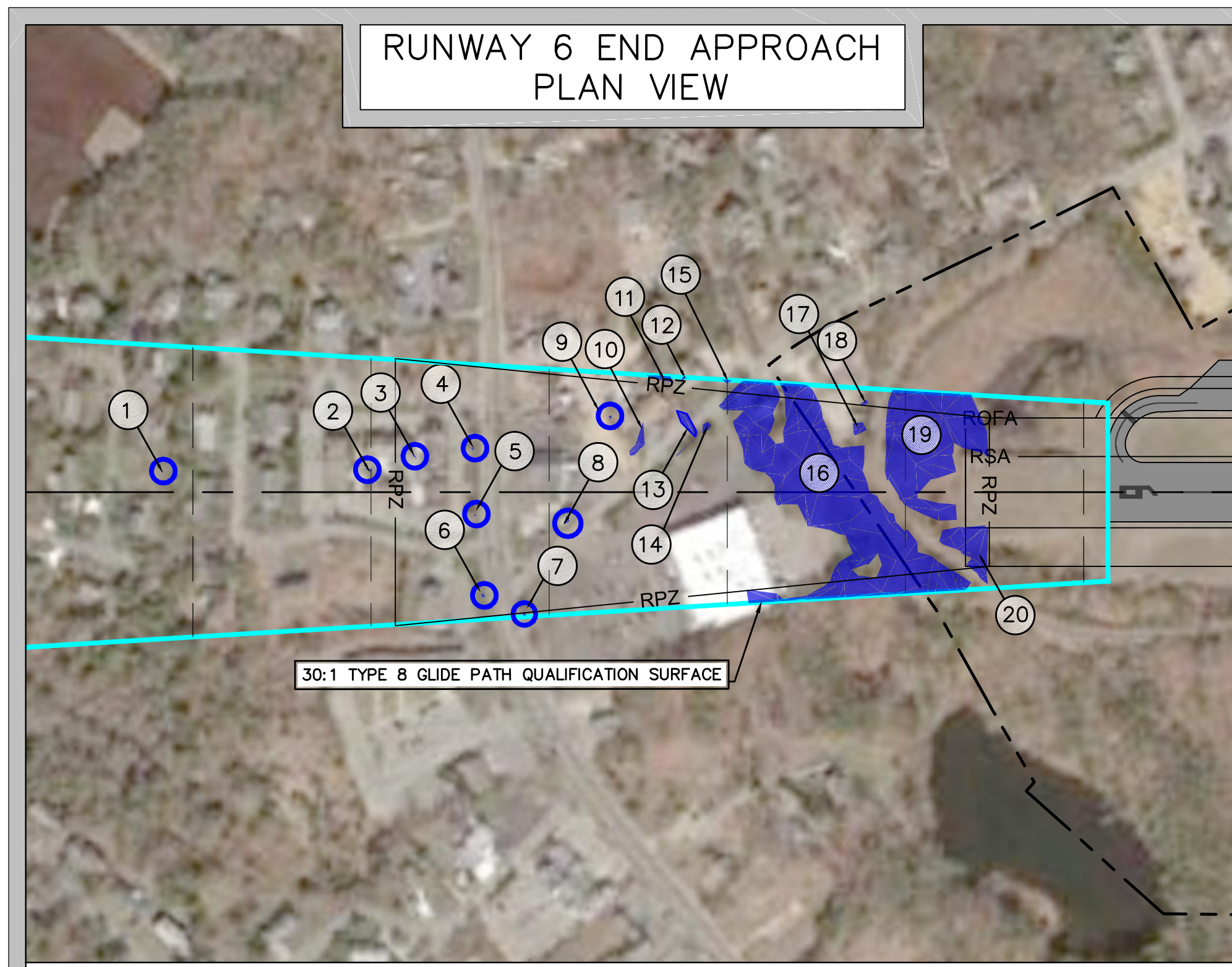
SHEET TITLE

QGS APPROACH PLAN AND PROFILE
RUNWAY 6-24

DRAWING NO.

10

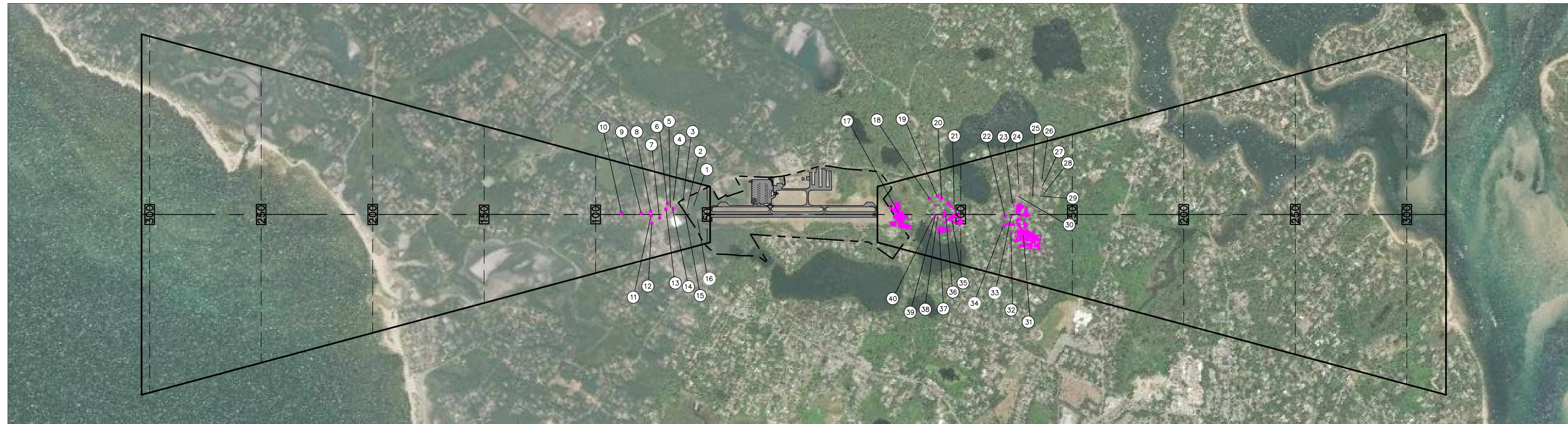
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| LEGEND | |
|---------------------------------------|-------|
| AIRPORT PROPERTY LINE | --- |
| RUNWAY SAFETY AREA (RSA) | ---- |
| RUNWAY PROTECTION ZONE (RPZ) | ----- |
| RUNWAY OBJECT FREE AREA (ROFA) | ----- |
| 30:1 GQS APPROACH SURFACE | ===== |
| EXISTING PAVEMENT | ===== |
| OBSTRUCTIONS PENETRATING GQS SURFACES | ===== |

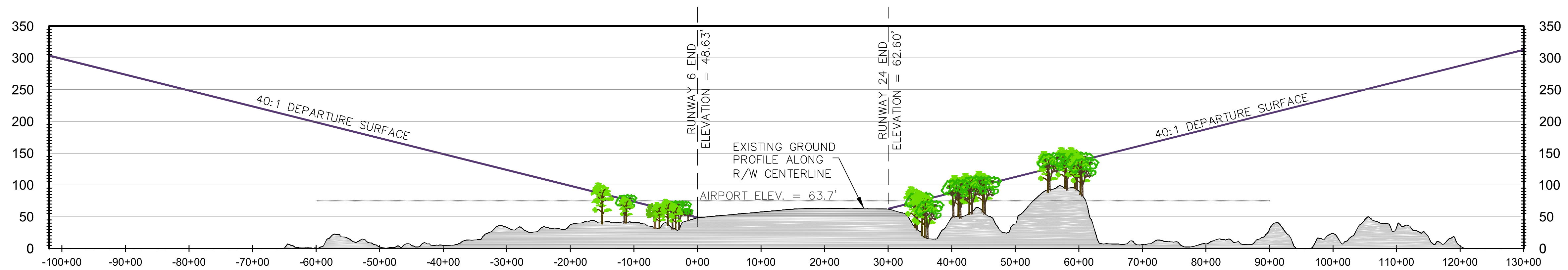
PREPARED FOR:

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



RUNWAY DEPARTURE SURFACES - PLAN VIEW

SCALE: 1" = 1,000'



RUNWAY DEPARTURE SURFACES - PROFILE

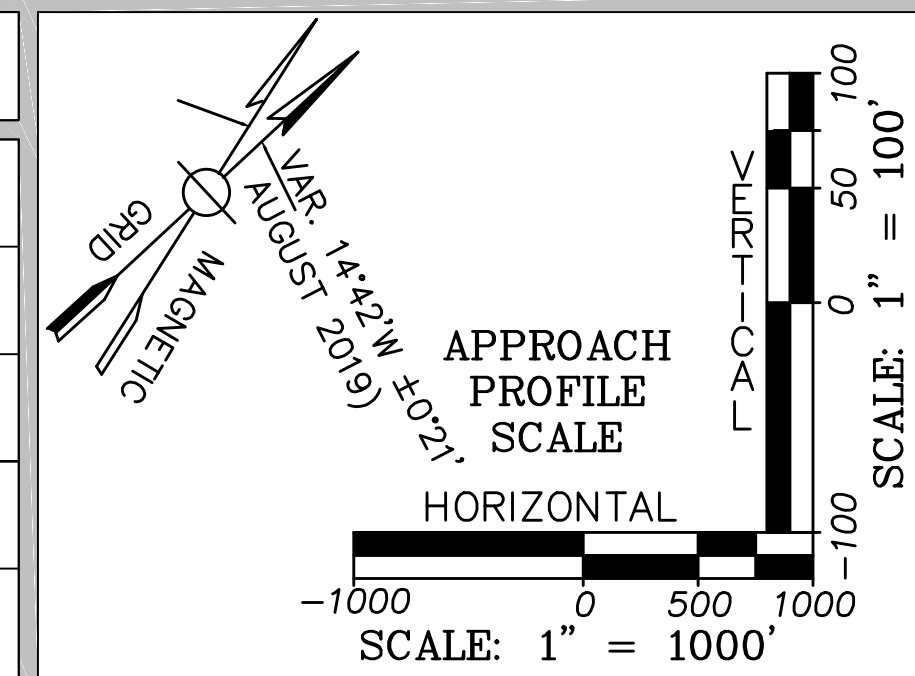
SCALE: 1" = 1,000' HORIZONTAL
 1" = 100' VERTICAL

40:1 DEPARTURE SURFACE OBSTRUCTIONS:
 RUNWAY 6 END

| OBJECT ID | DESCRIPTION | ELEVATION (FT. MSL) | | OBJECT HEIGHT (FT)* | PENETRATION (FT) | PROPOSED ACTION |
|-----------|----------------|---------------------|---------------|---------------------|------------------|-----------------|
| | | GROUND | TOP OF OBJECT | | | |
| 1 | GROUP OF TREES | 23.6 | 96.2 | 73.3 | 17.1 | REMOVE |
| 2 | TREE | 35.9 | 60.0 | 59.0 | 1.0 | REMOVE |
| 3 | GROUP OF TREES | 46.2 | 132.5 | 86.3 | 27.2 | REMOVE |
| 4 | GROUP OF TREES | 45.8 | 128.8 | 83.0 | 17.3 | REMOVE |
| 5 | GROUP OF TREES | 42.4 | 120.8 | 78.4 | 5.1 | REMOVE |
| 6 | TREE | 38.2 | 109.6 | 71.4 | 1.8 | REMOVE |
| 7 | POLE | 38.2 | 110.6 | 72.4 | 0.4 | LIGHT/LOWER |
| 8 | POLE | 40.6 | 117.5 | 76.8 | .1 | LIGHT LOWER |
| 9 | TREE | 42.6 | 111.1 | 68.4 | 0.5 | REMOVE |
| 10 | TREE | 41.4 | 117.5 | 82.9 | 1.0 | REMOVE |
| 11 | POLE | 39.7 | 116.3 | 76.1 | 1.8 | LIGHT LOWER |
| 12 | POLE | 39.7 | 111.7 | 76.6 | 2.7 | LIGHT LOWER |
| 13 | GROUP OF TREES | 39.9 | 107.0 | 72.5 | 0.6 | REMOVE |
| 14 | TREE | 40.2 | 107.0 | 66.8 | 9.6 | REMOVE |
| 15 | GROUP OF TREES | 41.7-44.8 | 129.4 | 60.6-84.6 | 1.1-22.7 | REMOVE |
| 16 | GROUP OF TREES | 35.9-36.1 | 100.7 | 63.6-64.6 | 7.1-9.6 | REMOVE |

LEGEND

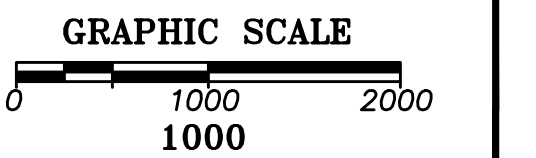
| | |
|--|------------|
| AIRPORT PROPERTY LINE | --- |
| 40:1 DEPARTURE SURFACE CONTOUR (50' INTERVALS) | --- 50 --- |
| EXISTING GROUND CONTOUR (20' INTERVALS) | --- 20 --- |
| OBSTRUCTION I.D. | ⊙ |
| VEGETATION PENETRATING PART 77 SURFACES | █ |



40:1 DEPARTURE SURFACE OBSTRUCTIONS:
 RUNWAY 24 END

| OBJECT ID | DESCRIPTION | ELEVATION (FT. MSL) | | OBJECT HEIGHT (FT)* | PENETRATION (FT) | PROPOSED ACTION |
|-----------|----------------|---------------------|---------------|---------------------|------------------|-----------------|
| | | GROUND | TOP OF OBJECT | | | |
| 17 | GROUP OF TREES | 45.1-35.4 | 131.3 | 72.6-95.9 | 4.3-16.8 | REMOVE |
| 18 | TREE | 18.8 | 118.2 | 82.6-99.4 | 8.5 | REMOVE |
| 19 | GROUP OF TREES | 43.1-49.4 | 140.7 | 116.0-117.3 | 24.0-25.3 | REMOVE |
| 20 | POLE | 44.5 | 135.6 | 91.2 | 0.6 | LIGHT/LOWER |
| 21 | GROUP OF TREES | 59.5-60.4 | 166.4 | 98.0-106.0 | 8.5 | REMOVE |
| 22 | TREE | 75.1 | 197.1 | 122.0 | 1.1 | REMOVE |
| 23 | POLE | 95.1 | 223.9 | 130.9 | 5.5 | LIGHT/LOWER |
| 24 | GROUP OF TREES | 99.0-102.1 | 241.2 | 125.1-139.1 | 10.6 | REMOVE |
| 25 | GROUP OF TREES | 102.4-105.2 | 252.8 | 139.2-147.6 | 2.9-11.7 | REMOVE |
| 26 | GROUP OF TREES | 114.4-115.0 | 262.1 | 144.4-147.1 | 8.0-8.8 | REMOVE |
| 27 | GROUP OF TREES | 108.9 | 250.3 | 141.4 | 4.0 | REMOVE |
| 28 | CHIMNEY | 113.3-113.6 | 269.1 | 143.3-155.5 | 2.2-4.1 | LOWER |
| 29 | TREE | 106.2 | 241.4 | 135.2 | 0.5-11.3 | REMOVE |
| 30 | POLE | 85.7 | 213.2 | 127.5 | 8.7 | LIGHT/LOWER |
| 31 | GROUP OF TREES | 81.9 | 205.3 | 123.3 | 1.1-10.8 | REMOVE |
| 32 | GROUP OF TREES | 63.1-93.5 | 231.4 | 119.0-137.9 | 1.0-6.7 | REMOVE |
| 33 | GROUP OF TREES | 88.1 | 221.4 | 133.3 | 0.4-7.4 | REMOVE |
| 34 | TREE | 61.6-62.3 | 173.0 | 99.6-110.7 | 2.9-5.4 | REMOVE |
| 35 | GROUP OF TREES | 51.1-54.8 | 154.8 | 92.8-100.0 | 1.1-10.8 | REMOVE |
| 36 | GROUP OF TREES | 38.1-39.7 | 138.0 | 89.6-98.3 | 0.4-7.4 | REMOVE |
| 37 | TREE | 50.3 | 144.3 | 94.0 | 2.9 | REMOVE |
| 38 | TREE | 49.7 | 146.3 | 96.6 | 6.8 | REMOVE |
| 39 | TREE | 46.4 | 139.1 | 92.7 | 3.5 | REMOVE |
| 40 | TREE | 46.4 | 114.4 | 98.0 | 3 | REMOVE |

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



SHEET TITLE
 RUNWAY 6-24
 DEPARTURE
 SURFACE PLAN AND
 PROFILE

DRAWING NO.
 12

*OBSTRUCTIONS NOTE:
 THE 2018 AERIAL MAPPING CONDUCTED AS PART OF THE MASTER PLAN UPDATE DID NOT INCLUDE AN ANALYSIS OF THE FULL EXTENT OF OBSTRUCTIONS TO THE AIRPORT'S DEPARTURE SURFACES. INFORMATION COLLECTED FOR THE APPROACH SURFACES WAS UTILIZED TO IDENTIFY CENTERLINE OBSTRUCTIONS.