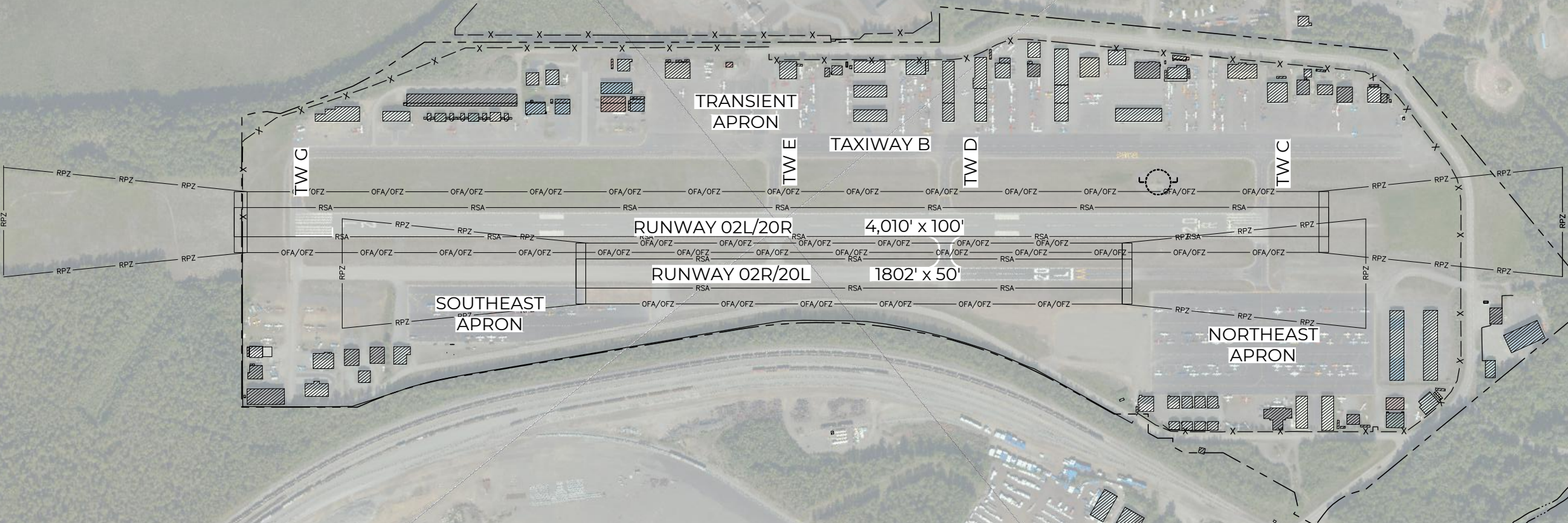
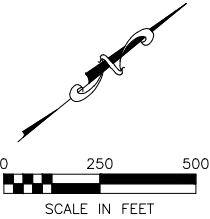


ALTERNATIVE 1 - NO BUILD



LEGEND

- RSA ----- RUNWAY SAFETY AREA
- OFA/OFZ ----- OBJECT FREE AREA/ZONE
- RPZ ----- RPZ ----- RUNWAY PROTECTION ZONE



BIRCHWOOD AIRPORT MASTER PLAN  
EXHIBIT - ALTERNATIVE 1  
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES/CR  
BIRCHWOOD, ALASKA

DATE: 11-7-2022	DRAWN BY: TA/TC	SHEET: 1
SCALE: 1" = 250'	CHECKED BY: MS	JOB NO.: 20-014



ALTERNATIVE 2

- 1

ACQUIRE AIRPORT PROPERTY (APPROX. 61 ACRES)
- 2

RECONSTRUCT RUNWAY 02L/20R
- 3

REMOVE TAXIWAY A SEGMENTS
- 4

CONSTRUCT TAXIWAY A EXTENSION
- 5

ACQUIRE AIRPORT PROPERTY (APPROX. 1.2 ACRES)
- 6

RECONSTRUCT EXISTING TAXIWAY D
- 7

REMOVE EXISTING TAXIWAY E
- 8

CONSTRUCT NEW TAXIWAY F
- 9

RECONSTRUCT EXISTING TAXIWAY G
- 10

CONSTRUCT NEW APRON (122 TIE-DOWNS)
- 11

INSTALL ELECTRICAL OUTLETS AT NEW TIE-DOWN SPACES
- 12

NEW HANGAR LEASE LOT AREA
- 13

NEW T-HANGAR LEASE LOT AREA
- 14

CONSTRUCT NEW TRANSIENT AIRCRAFT PARKING APRON (10 TIE-DOWNS)
- 15

EXPAND NORTHEAST APRON (25 TIE-DOWNS)
- 16

CONSTRUCT SUMMER AIRCRAFT TIE-DOWN AREA/WINTER SNOW STORAGE AREA (4 TIE-DOWNS)
- 17

DEVELOP NEW VEHICLE PARKING AREA WITH PORTABLE PUBLIC RESTROOM FACILITIES
- 18

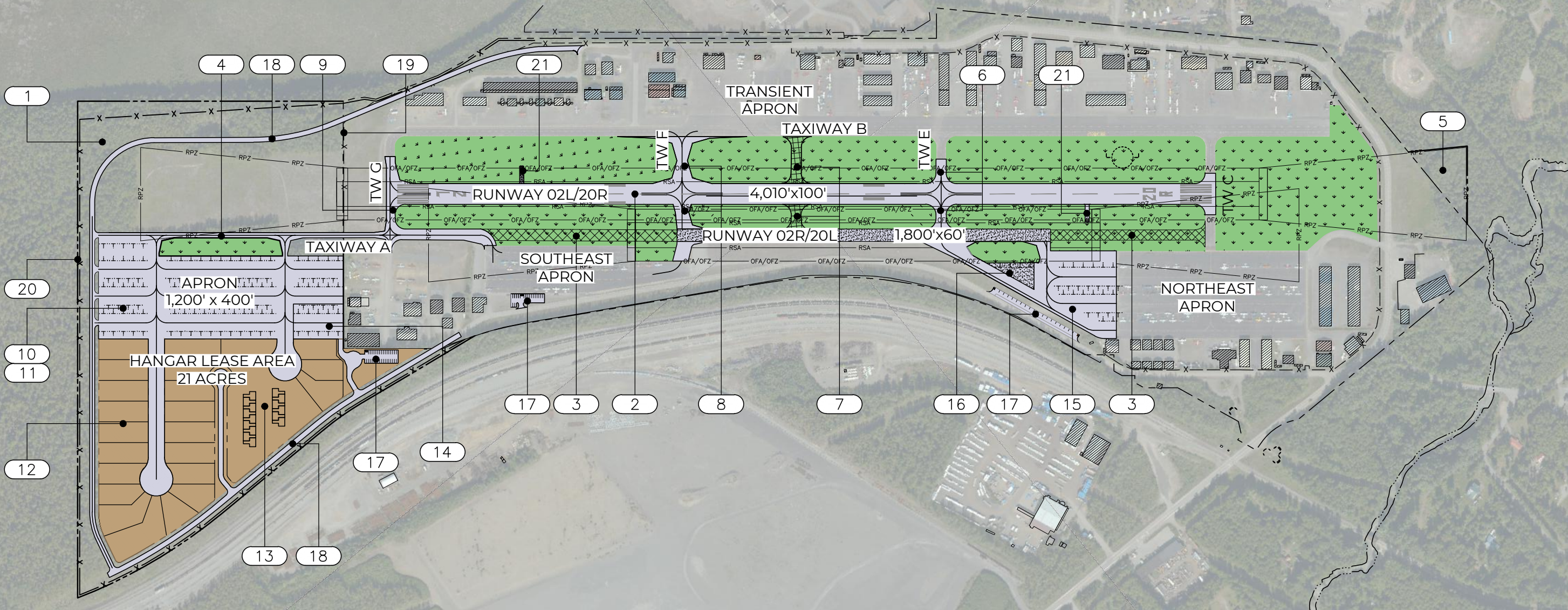
CONSTRUCT ACCESS ROADS
- 19

REMOVE EXISTING FENCING
- 20

CONSTRUCT NEW PERIMETER FENCING
- 21

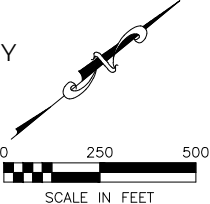
CONSTRUCT NEW SEPTIC SYSTEM AT PILOT BRIEFING SHELTER
- 22

CONSTRUCT NEW PAPI



LEGEND

- HANGAR DEVELOPMENT AREAS
- NEW GRASS AREA
- NEW PAVEMENT
- NEW GRAVEL SURFACE
- PARKING & PORTABLE PUBLIC RESTROOMS
- AIRCRAFT TIE-DOWN
- PROPOSED AIRPORT PROPERTY BOUNDARY
- NEW FENCE
- RUNWAY SAFETY AREA
- OBJECT FREE AREA/ZONE
- RUNWAY PROTECTION ZONE



BIRCHWOOD AIRPORT MASTER PLAN EXHIBIT - ALTERNATIVE 2 DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES/CR BIRCHWOOD, ALASKA		
DATE: 11-7-2022	DRAWN BY: TA/TC	SHEET: 2
SCALE: 1" = 250'	CHECKED BY: MS	JOB NO.: 20-014



ALTERNATIVE 3

- 1

ACQUIRE AIRPORT PROPERTY (APPROX. 61 ACRES)
- 2

RECONSTRUCT RUNWAY 02L/20R
- 3

CONSTRUCT NEW "SHOULDER" GRAVEL/SKI RUNWAY 02R/20L
- 4

REMOVE EXISTING RUNWAY 02R/20L
- 5

RELOCATE AND RECONSTRUCT TAXIWAY A TO PROVIDE REQUIRED RUNWAY SEPARATION
- 6

CONSTRUCT TAXIWAY A EXTENSION
- 7

RECONSTRUCT TAXIWAY C
- 8

REMOVE A PORTION OF EXISTING TAXIWAY D
- 9

EXTEND EXISTING TAXIWAY E
- 10

CONSTRUCT NEW TAXIWAY F
- 11

RECONSTRUCT EXISTING TAXIWAY G
- 12

CONSTRUCT NEW APRON (104 TIE-DOWNS)
- 13

INSTALL ELECTRICAL OUTLETS AT TIE-DOWN SPACES
- 14

CONSTRUCT NEW HANGAR LEASE AREA
- 15

CONSTRUCT NEW T-HANGAR LEASE AREA
- 16

CONSTRUCT NEW TRANSIENT AIRCRAFT PARKING APRON (10 TIE-DOWNS)
- 17

EXPAND NORTHEAST APRON (28 TIE-DOWNS)
- 18

CONSTRUCT SUMMER AIRCRAFT TIE-DOWN AREA/WINTER SNOW STORAGE AREA (5 TIE-DOWNS)
- 19

DEVELOP NEW VEHICLE PARKING AREA WITH PORTABLE PUBLIC RESTROOM FACILITIES
- 20

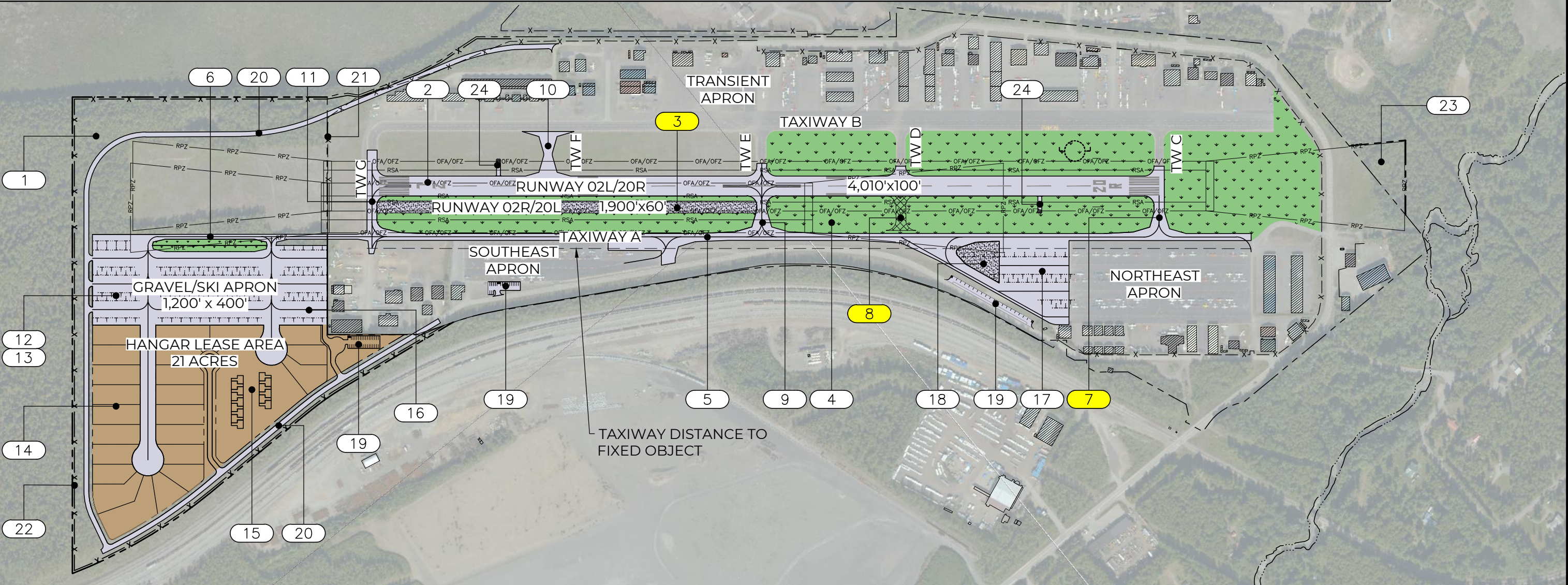
CONSTRUCT ACCESS ROADS
- 21

REMOVE EXISTING FENCE
- 22

CONSTRUCT NEW PERIMETER FENCING
- 23

ACQUIRE AIRPORT PROPERTY (APPROX. 1.2 ACRES)
- 24

CONSTRUCT NEW PAPI

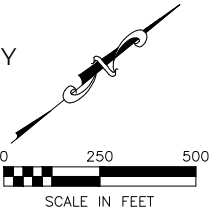


LEGEND

- HANGAR DEVELOPMENT AREAS
- NEW GRASS AREA
- NEW PAVEMENT
- NEW GRAVEL SURFACE
- PARKING & PORTABLE PUBLIC RESTROOMS
- AIRCRAFT TIE-DOWN

- PROPOSED AIRPORT PROPERTY BOUNDARY
- NEW FENCE
- RUNWAY SAFETY AREA
- OBJECT FREE AREA/ZONE
- RUNWAY PROTECTION ZONE
- CHANGES COMPARED TO ALTERNATIVE 2

- PROPOSED AIRPORT PROPERTY BOUNDARY
- NEW FENCE
- RUNWAY SAFETY AREA
- OBJECT FREE AREA/ZONE
- RUNWAY PROTECTION ZONE
- CHANGES COMPARED TO ALTERNATIVE 2

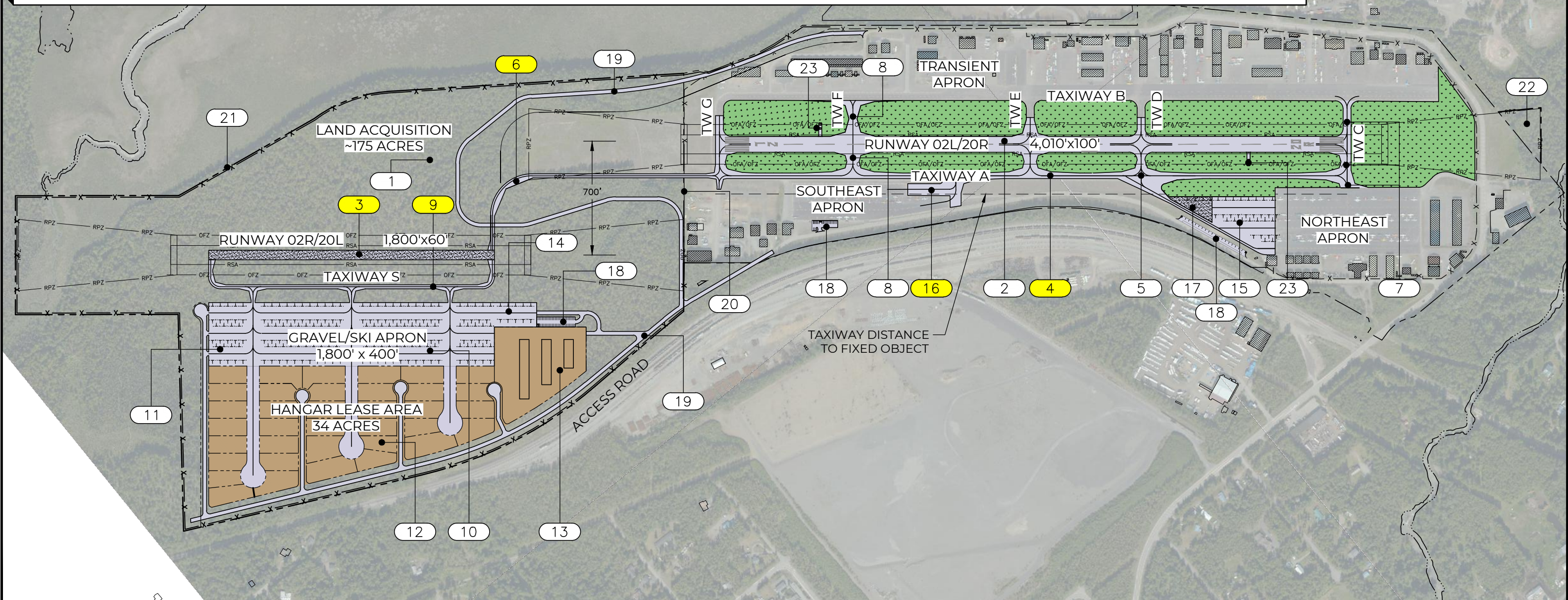


BIRCHWOOD AIRPORT MASTER PLAN EXHIBIT - ALTERNATIVE 3 DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES/CR BIRCHWOOD, ALASKA		
DATE: 11-7-2022	DRAWN BY: TA/TC	SHEET: 3
SCALE: 1" = 250'	CHECKED BY: MS	JOB NO.: 20-014









## ALTERNATIVE 4

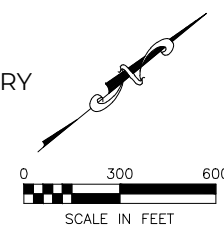
- |   |  |    |   |    |  |
|---|--|----|---|----|--|
| 1 | ACQUIRE AIRPORT PROPERTY (APPROX. 175 ACRES) | 10 | CONSTRUCT NEW GRAVEL/SKI APRON (184 TIE-DOWNS)                | 17 | CONSTRUCT SUMMER AIRCRAFT TIE-DOWN AREA/WINTER SNOW STORAGE AREA (4 TIE-DOWNS) |
| 2 | RECONSTRUCT RUNWAY 02L/20R                   | 11 | INSTALL ELECTRIC OUTLETS AT NEW TIE-DOWNS                     | 18 | DEVELOP NEW VEHICLE PARKING AREA WITH PORTABLE PUBLIC RESTROOM FACILITIES      |
| 3 | CONSTRUCT NEW GRAVEL/SKI RUNWAY 02R/20L      | 12 | NEW HANGAR LEASE LOT AREA                                     | 19 | CONSTRUCT ACCESS ROADS   |
| 4 | CONVERT EXISTING RUNWAY 02R/20L TO TAXIWAY A | 13 | NEW T-HANGAR LEASE AREA                                       | 20 | REMOVE EXISTING FENCE  |
| 5 | RECONSTRUCT TAXIWAY A                        | 14 | CONSTRUCT NEW TRANSIENT AIRCRAFT PARKING APRON (10 TIE-DOWNS) | 21 | CONSTRUCT NEW PERIMETER FENCING  |
| 6 | CONSTRUCT TAXIWAY A EXTENSION                | 15 | EXPAND NORTHEAST APRON (30 TIE-DOWNS)                         | 22 | ACQUIRE AIRPORT PROPERTY (APPROX. 1.2 ACRES)                                   |
| 7 | RECONSTRUCT TAXIWAY C                        | 16 | EXPAND SOUTHEAST APRON  | 23 | CONSTRUCT NEW PAPI   |
| 8 | CONSTRUCT NEW TAXIWAY F                      |    |   |    |  |
| 9 | CONSTRUCT NEW TAXIWAY S                      |    |   |    |  |



## LEGEND

-  HANGAR DEVELOPMENT AREAS  
 NEW GRASS AREA  
 NEW PAVEMENT  
 NEW GRAVEL SURFACE  
 PARKING & PORTABLE PUBLIC RESTROOMS  
 AIRCRAFT TIE-DOWN

- 
- - - - - PROPOSED AIRPORT PROPERTY BOUNDARY  
 — x — x — x — NEW FENCE  
 — RSA — RUNWAY SAFETY AREA  
 — OFA/OFZ — OBJECT FREE AREA/ZONE  
 — RPZ — RPZ RUNWAY PROTECTION ZONE  
 (X) CHANGES COMPARED TO ALTERNATIVE 3



BIRCHWOOD AIRPORT MASTER PLAN  
EXHIBIT - ALTERNATIVE 4  
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES/CR  
BIRCHWOOD, ALASKA

DATE: 11-7-2022

DRAWN BY: TA/TC

SHEET: 4

SCALE: 1" = 300'

CHECKED BY: *M.S*

JOB NO.: 20-014