



U.S. Department
of Transportation

Federal Aviation
Administration

Alaskan Region

222 W. 7th Avenue #14

Anchorage, Alaska

99513-7587

October 8, 1992

Mr. David L. McCaleb, P.E.
Chief Design Engineer
Northern Region, Design and Construction
State of Alaska, DOT&PF
2301 Peger Road
Fairbanks, AK 99709-5316

Dear Mr. McCaleb:

White Mountain Airport Layout Plan (ALP)
Airspace Case No. 91-AAL-119-NRA

The Planning and Programming Branch of the Federal Aviation Administration (FAA), Alaskan Region hereby conditionally approves the White Mountain ALP. The approval indicated by my signature is given subject to the condition that no proposed airport development, identified on the ALP and requiring environmental processing, shall be undertaken without prior written environmental approval by the FAA.

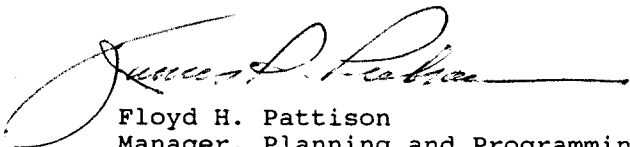
The ALP depicts the following deviations to design standards:

| Item | Standard | Existing | Ultimate |
|-----------------------|----------|--------------------------------|----------|
| R/W Safety Area Width | 120' | 100' | 120' |
| T/W Safety Area Width | 80' | 50' | 80' |
| Object Free Area | 200' | 175' | 200' |
| Surface Gradient | 2% Max. | Varies from +2.39% to -2.5% | 1.5% |

This approval does not represent a commitment to provide financial assistance to implement the proposed plan. FAA assistance in any development or its approval for any development will be determined at the time of request, based on existing regulations, project justification, and eligibility at the time of the request. This includes full compliance with the all existing environmental requirements.

Enclosed are four copies of the approved ALP for appropriate distribution within your Region. Please direct any comments or questions regarding this ALP to Fred Ninger, Program Specialist, 271-5446.

Sincerely,



Floyd H. Pattison
Manager, Planning and Programming Branch
Airports Division

Enclosure: (4 sets of White Mountain ALP)

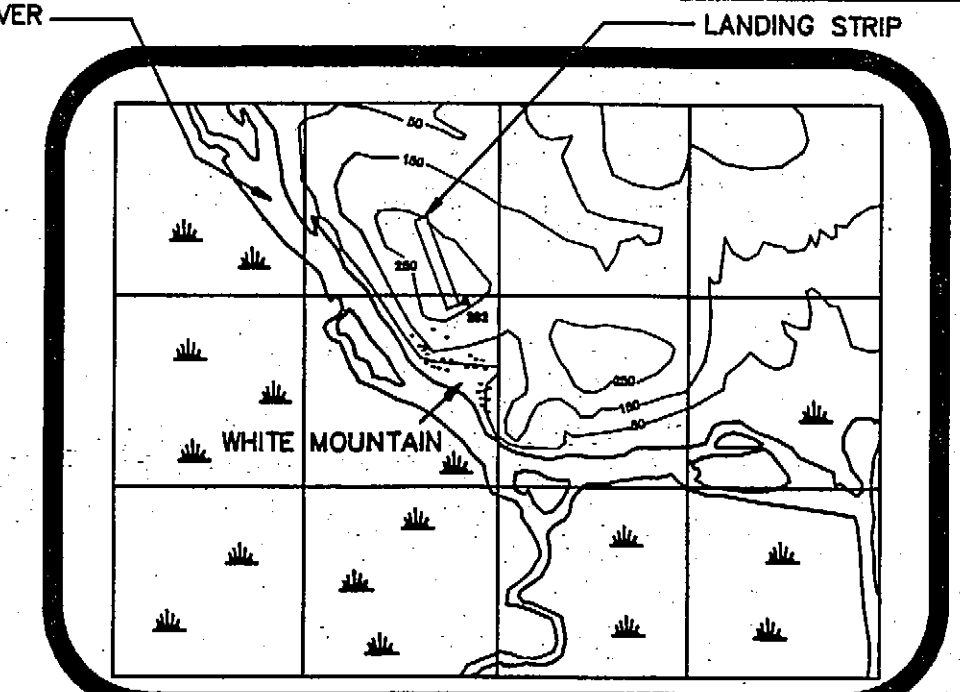
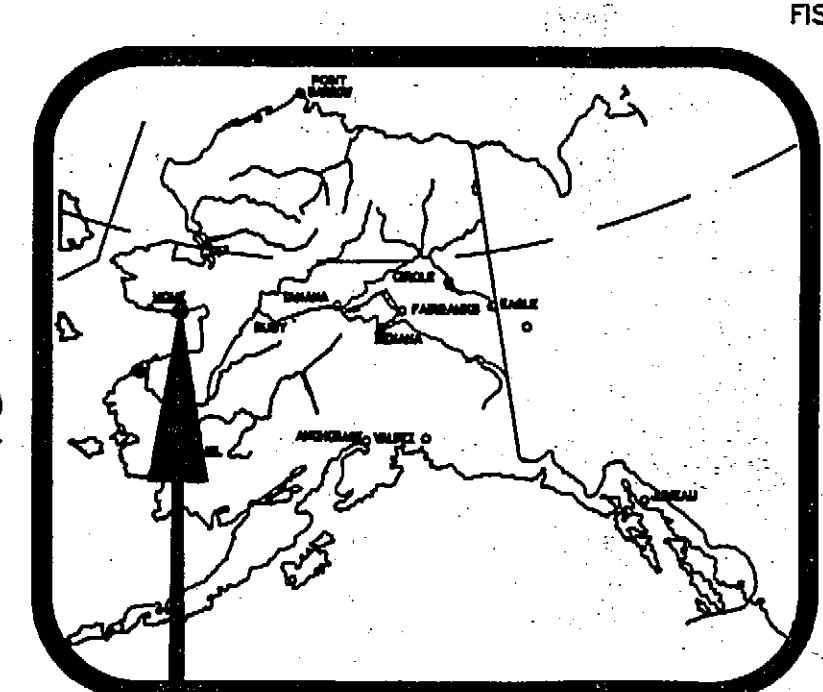
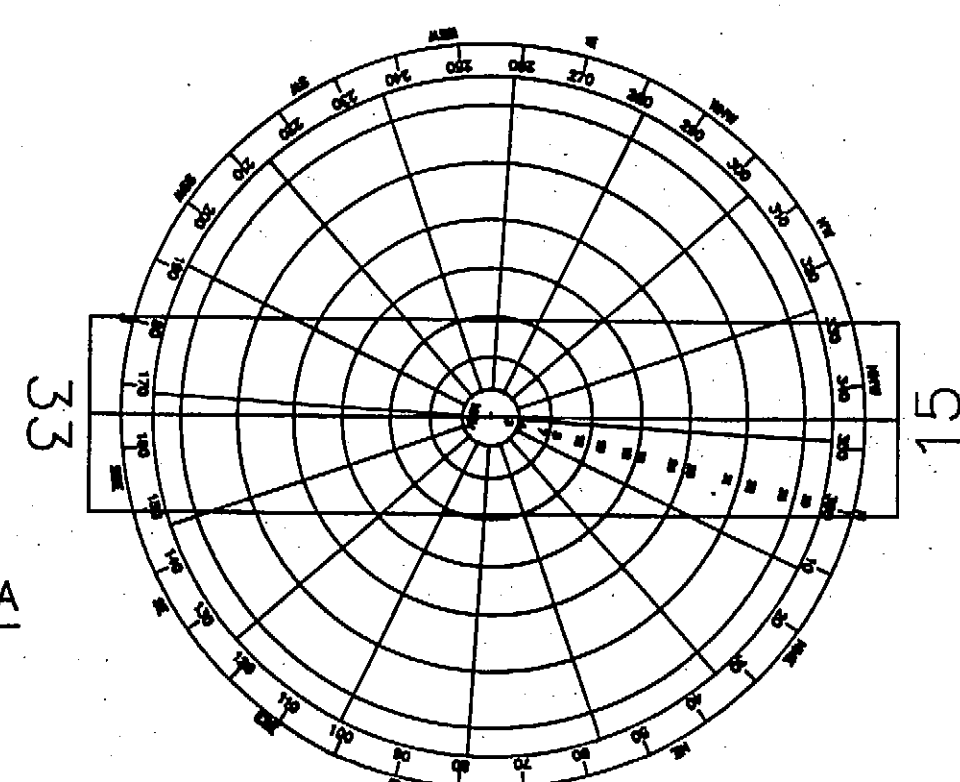
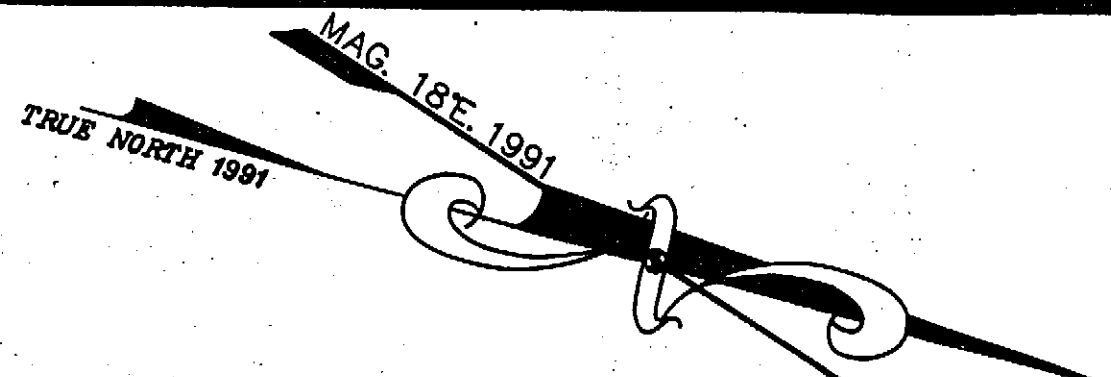
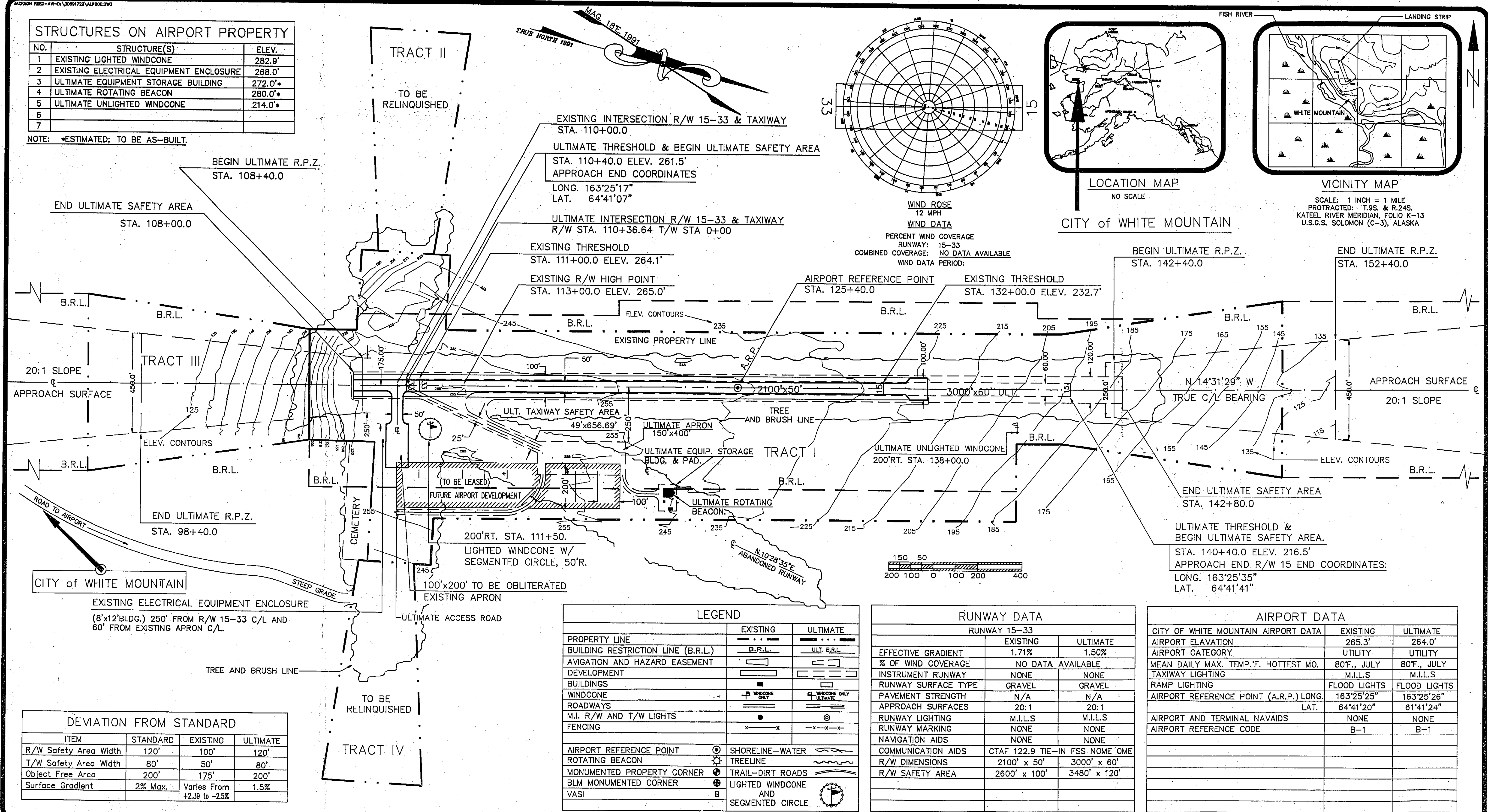
| | |
|-------------------------------------|--------------------------|
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| <input checked="" type="checkbox"/> | MANAGER |
| <input checked="" type="checkbox"/> | ADMINISTRATIVE ASSISTANT |
| <input checked="" type="checkbox"/> | TRAINING/SAFETY |
| <input type="checkbox"/> | LOCAL AIRMAIL |
| <input type="checkbox"/> | OPERATIONS DIVISION |
| <input type="checkbox"/> | COMMUNICATIONS |
| <input type="checkbox"/> | INSPECTION |
| <input type="checkbox"/> | LEGAL |
| <input type="checkbox"/> | PLANNING |
| <input type="checkbox"/> | RECORDS |
| <input type="checkbox"/> | TRAINING |
| <input type="checkbox"/> | LIBRARY |

copy sent 10-29-92

STRUCTURES ON AIRPORT PROPERTY

| NO. | STRUCTURE(S) | ELEV. |
|-----|---|---------|
| 1 | EXISTING LIGHTED WINDCONE | 282.9' |
| 2 | EXISTING ELECTRICAL EQUIPMENT ENCLOSURE | 268.0' |
| 3 | ULTIMATE EQUIPMENT STORAGE BUILDING | 272.0'* |
| 4 | ULTIMATE ROTATING BEACON | 280.0'* |
| 5 | ULTIMATE UNLIGHTED WINDCONE | 214.0'* |
| 6 | | |
| 7 | | |

NOTE: *ESTIMATED; TO BE AS-BUILT.



CITY of WHITE MOUNTAIN
NO SCALE

VICINITY MAP
SCALE: 1 INCH = 1 MILE
PROTRACTED: T.9S. & R.24S.
KATEEL RIVER MERIDIAN, FOLIO K-13
U.S.G.S. SOLOMON (C-3), ALASKA

BEGIN ULTIMATE R.P.Z. STA. 108+40.0
END ULTIMATE SAFETY AREA STA. 108+00.0

EXISTING INTERSECTION R/W 15-33 & TAXIWAY STA. 110+00.0
ULTIMATE THRESHOLD & BEGIN ULTIMATE SAFETY AREA STA. 110+40.0 ELEV. 261.5'
APPROACH END COORDINATES
LONG. 163°25'17"
LAT. 64°41'07"
ULTIMATE INTERSECTION R/W 15-33 & TAXIWAY R/W STA. 110+36.64 T/W STA 0+00

BEGIN ULTIMATE R.P.Z. STA. 142+40.0
END ULTIMATE R.P.Z. STA. 152+40.0

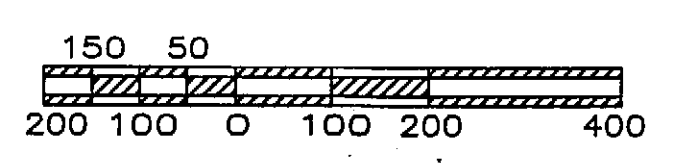
20:1 SLOPE
APPROACH SURFACE
B.R.L.
END ULTIMATE R.P.Z. STA. 98+40.0

EXISTING THRESHOLD STA. 111+00.0 ELEV. 264.1'
EXISTING R/W HIGH POINT STA. 113+00.0 ELEV. 265.0'
AIRPORT REFERENCE POINT STA. 125+40.0
EXISTING THRESHOLD STA. 132+00.0 ELEV. 232.7'

APPROACH SURFACE
20:1 SLOPE
B.R.L.
END ULTIMATE SAFETY AREA STA. 142+80.0

ULT. TAXIWAY SAFETY AREA 49'x656.69'
ULTIMATE APRON 150'x400'
ULTIMATE EQUIP. STORAGE BLDG. & PAD.
ULTIMATE UNLIGHTED WINDCONE 200'RT. STA. 138+00.0
ULTIMATE ROTATING BEACON
LIGHTED WINDCONE W/ SEGMENTED CIRCLE, 50'R.
100'x200' TO BE OBLITERATED EXISTING APRON

CITY of WHITE MOUNTAIN
EXISTING ELECTRICAL EQUIPMENT ENCLOSURE (8'x12'BLDG.) 250' FROM R/W 15-33 C/L AND 60' FROM EXISTING APRON C/L.



DEVIATION FROM STANDARD

| ITEM | STANDARD | EXISTING | ULTIMATE |
|-----------------------|----------|----------------------------|----------|
| R/W Safety Area Width | 120' | 100' | 120' |
| T/W Safety Area Width | 80' | 50' | 80' |
| Object Free Area | 200' | 175' | 200' |
| Surface Gradient | 2% Max. | Varies From +2.39 to -2.5% | 1.5% |

LEGEND

| | EXISTING | ULTIMATE |
|---|----------|-------------|
| PROPERTY LINE | --- | --- |
| BUILDING RESTRICTION LINE (B.R.L.) | B.R.L. | ULT. B.R.L. |
| AVIGATION AND HAZARD EASEMENT DEVELOPMENT | [Symbol] | [Symbol] |
| BUILDINGS | [Symbol] | [Symbol] |
| WINDCONE | [Symbol] | [Symbol] |
| ROADWAYS | [Symbol] | [Symbol] |
| M.I. R/W AND T/W LIGHTS | [Symbol] | [Symbol] |
| FENCING | [Symbol] | [Symbol] |
| AIRPORT REFERENCE POINT | [Symbol] | [Symbol] |
| ROTATING BEACON | [Symbol] | [Symbol] |
| MONUMENTED PROPERTY CORNER | [Symbol] | [Symbol] |
| BLM MONUMENTED CORNER | [Symbol] | [Symbol] |
| VASI | [Symbol] | [Symbol] |

RUNWAY DATA

| | EXISTING | ULTIMATE |
|---------------------|--------------------------------|--------------|
| RUNWAY 15-33 | | |
| EFFECTIVE GRADIENT | 1.71% | 1.50% |
| % OF WIND COVERAGE | NO DATA AVAILABLE | |
| INSTRUMENT RUNWAY | NONE | NONE |
| RUNWAY SURFACE TYPE | GRAVEL | GRAVEL |
| PAVEMENT STRENGTH | N/A | N/A |
| APPROACH SURFACES | 20:1 | 20:1 |
| RUNWAY LIGHTING | M.I.L.S | M.I.L.S |
| RUNWAY MARKING | NONE | NONE |
| NAVIGATION AIDS | NONE | NONE |
| COMMUNICATION AIDS | CTAF 122.9 TIE-IN FSS NOME OME | |
| R/W DIMENSIONS | 2100' x 50' | 3000' x 60' |
| R/W SAFETY AREA | 2600' x 100' | 3480' x 120' |

AIRPORT DATA

| | EXISTING | ULTIMATE |
|--|--------------|--------------|
| CITY OF WHITE MOUNTAIN AIRPORT DATA | | |
| AIRPORT ELAVATION | 265.3' | 264.0' |
| AIRPORT CATEGORY | UTILITY | UTILITY |
| MEAN DAILY MAX. TEMP.F. HOTTEST MO. | 80°F., JULY | 80°F., JULY |
| TAXIWAY LIGHTING | M.I.L.S | M.I.L.S |
| RAMP LIGHTING | FLOOD LIGHTS | FLOOD LIGHTS |
| AIRPORT REFERENCE POINT (A.R.P.) LONG. | 163°25'25" | 163°25'26" |
| LAT. | 64°41'20" | 61°41'24" |
| AIRPORT AND TERMINAL NAVAIDS | NONE | NONE |
| AIRPORT REFERENCE CODE | B-1 | B-1 |

| | |
|-----------|------|
| DESIGN | MSU |
| DRAWN | MSR |
| CHECKED | MSU |
| BY | DATE |
| REVISIONS | |

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
NORTHERN REGION—WESTERN DISTRICT—DESIGN & CONSTRUCTION—AVIATION
APPROVED *Daniel D. Urbach* DATE 10-2-92
DANIEL D. URBACH, P.E. CHIEF AVIATION DESIGN GROUP

AIRPORT LAYOUT PLAN CONDITIONALLY APPROVED subject to conditions in ALE approval letter dated 10/18/92
By: *[Signature]*
FAA, AIRPORTS DIVISION, ALASKA REGION, AIL-600

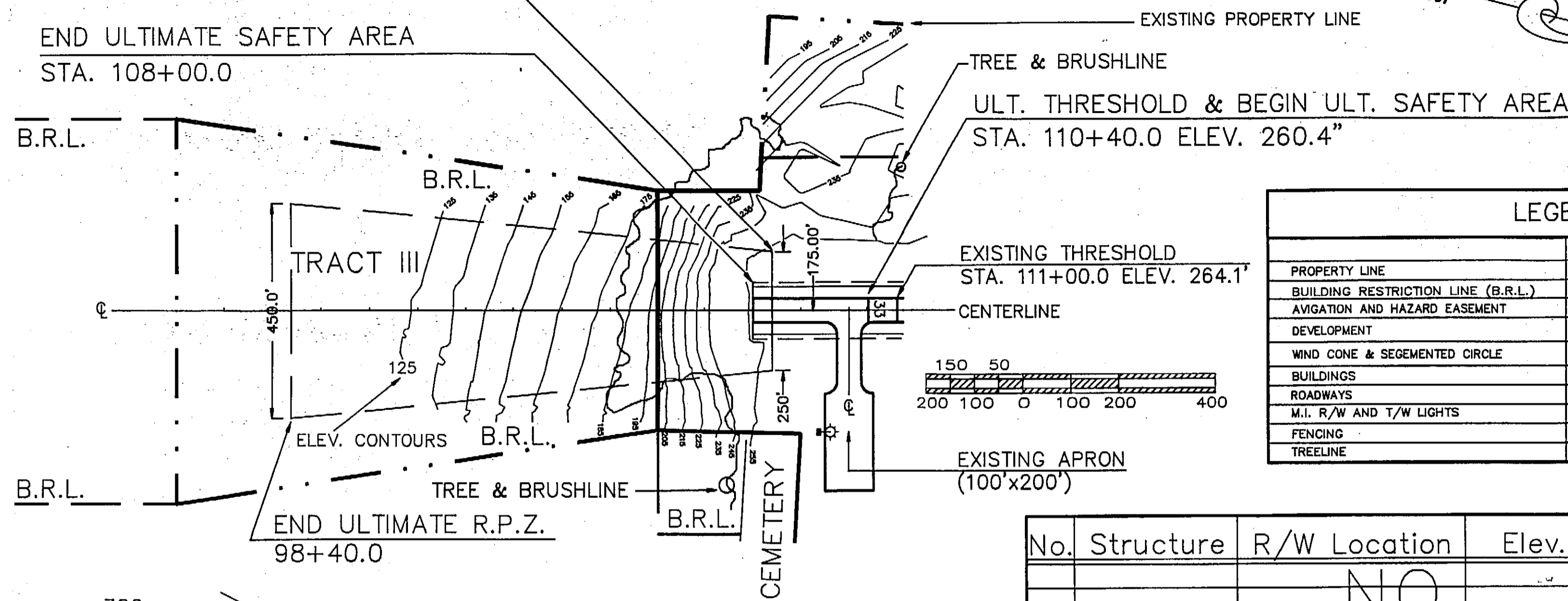
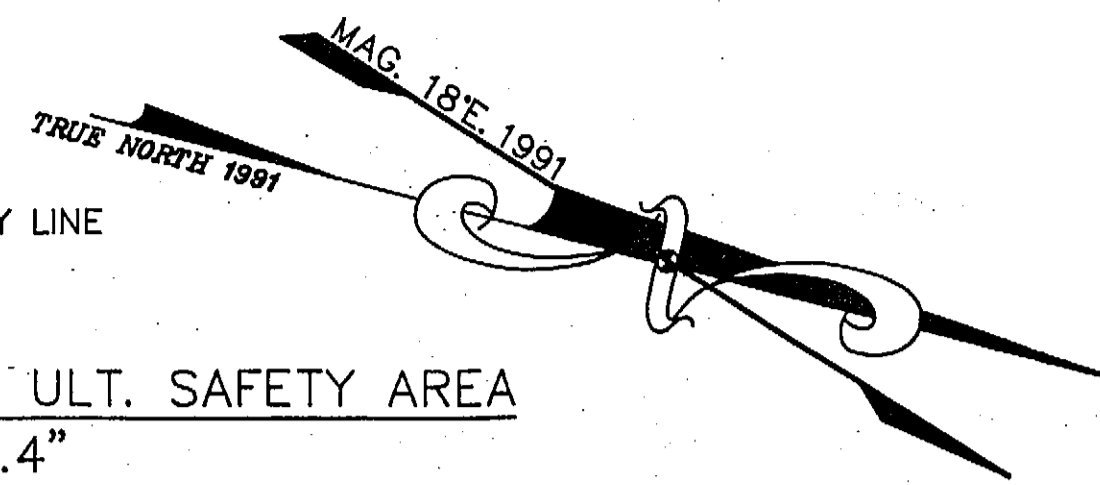
WHITE MOUNTAIN
AIRPORT LAYOUT PLAN

SHEET 1 OF 4

BEGIN ULTIMATE R.P.Z.
STA. 108+40.0

END ULTIMATE SAFETY AREA
STA. 108+00.0

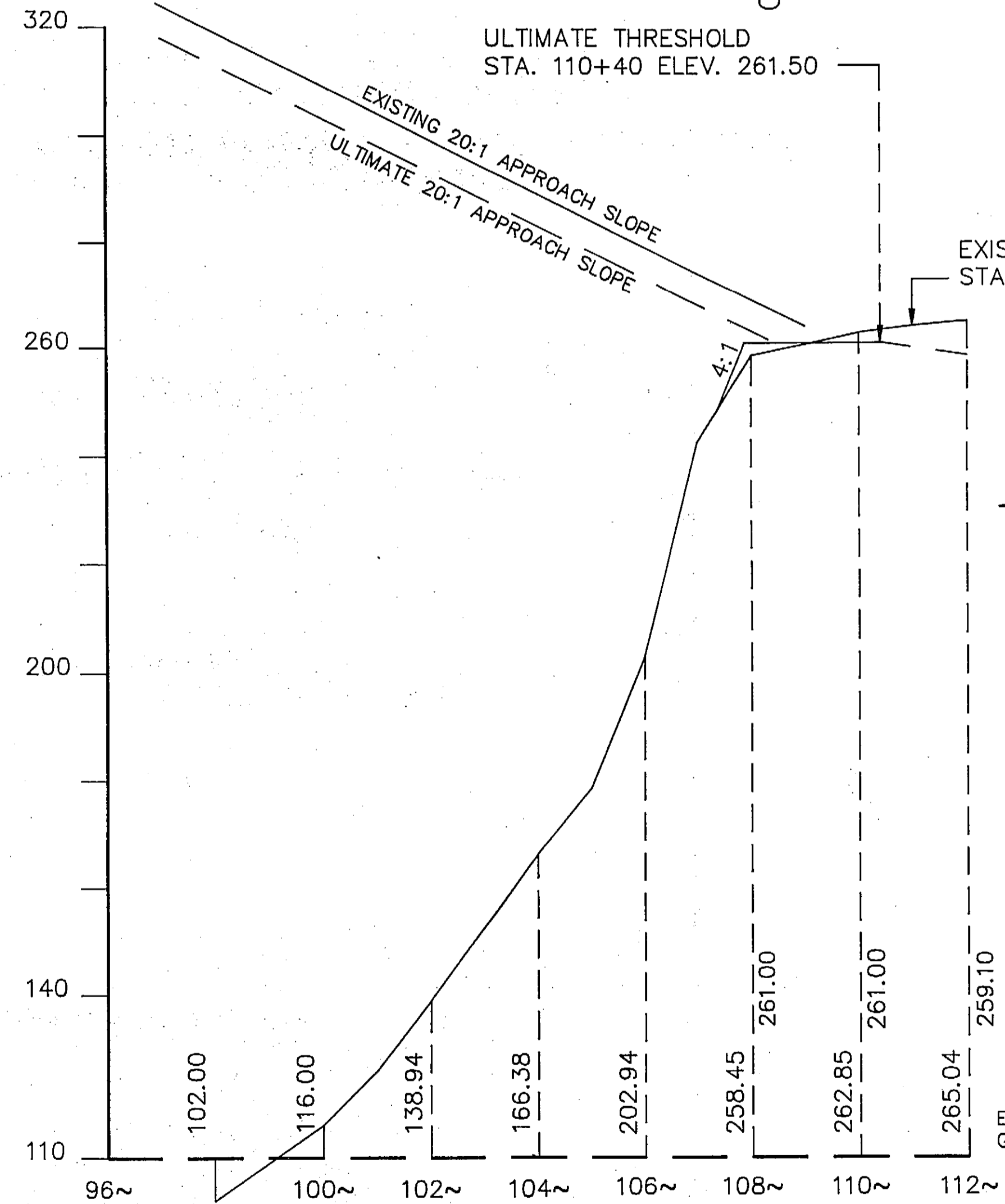
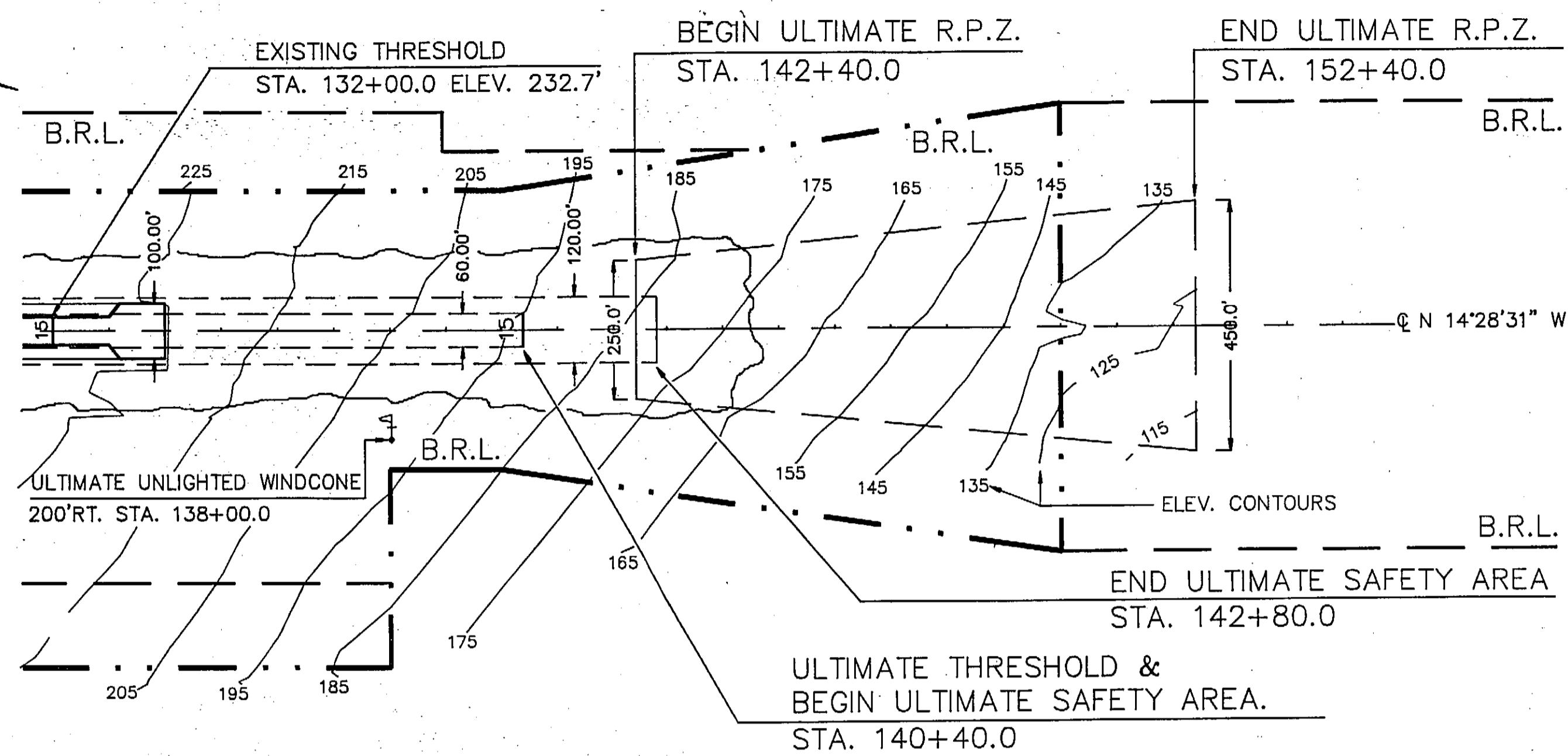
R/W 33 R.P.Z. PLAN



| LEGEND | | |
|------------------------------------|----------|----------|
| | EXISTING | ULTIMATE |
| PROPERTY LINE | --- | --- |
| BUILDING RESTRICTION LINE (B.R.L.) | - - - - | - - - - |
| AVIGATION AND HAZARD EASEMENT | --- | --- |
| DEVELOPMENT | ■ | ■ |
| WIND CONE & SEGEMENTED CIRCLE | ⊕ | ⊕ |
| BUILDINGS | ■ | ■ |
| ROADWAYS | --- | --- |
| M.I. R/W AND T/W LIGHTS | • | • |
| FENCING | x-x-x-x | x-x-x-x |
| TREELINE | ~ ~ ~ ~ | ~ ~ ~ ~ |

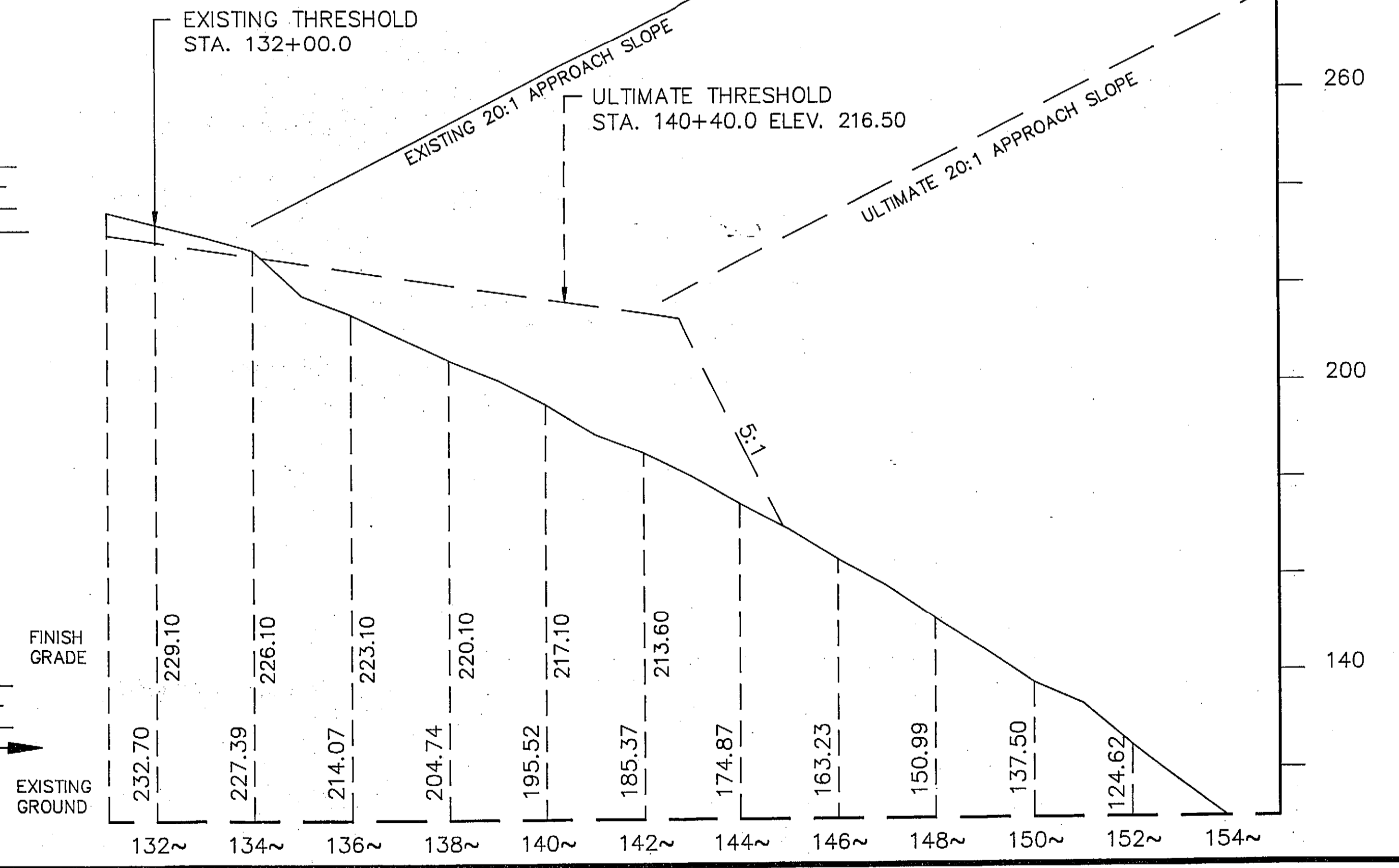
| No. | Structure | R/W Location | Elev. | Penetration |
|-----------------------------|-----------|--------------|-------|-------------|
| NO PENETRATIONS | | | | |
| F.A.R. Part 77 Penetrations | | | | |

R/W 15 R.P.Z. PLAN



R/W 33 R.P.Z. PROFILE

R/W 15 R.P.Z. PROFILE



| | | |
|---------|------|-----------|
| DESIGN | MJM | |
| DRAWN | MJR | |
| CHECKED | MJM | |
| BY | DATE | REVISIONS |

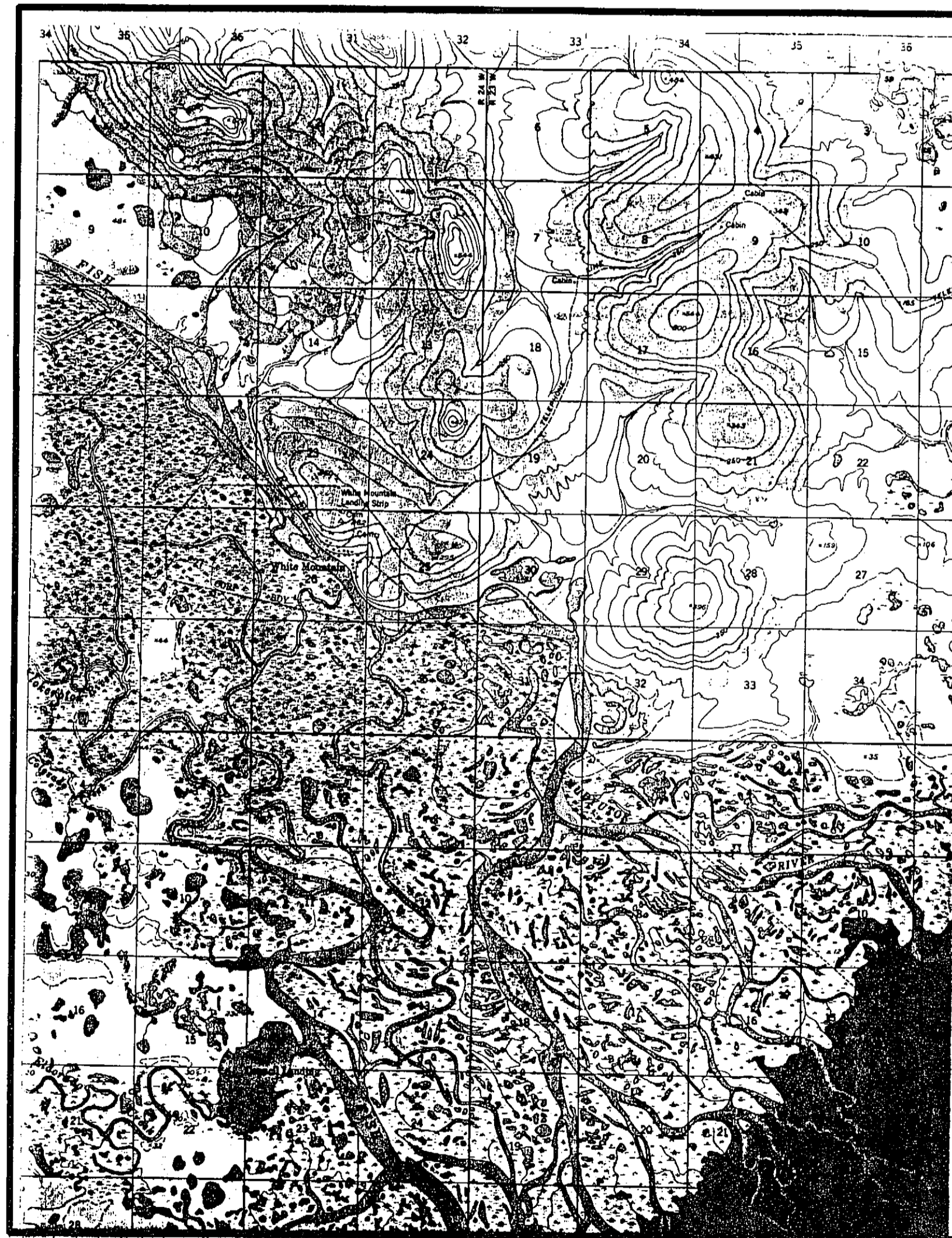
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
NORTHERN REGION-WESTERN DISTRICT-DESIGN & CONSTRUCTION-AVIATION
APPROVED: *Daniel D. Urbach* DATE 10-2-92
DANIEL D. URBACH, P.E. CHIEF AVIATION DESIGN GROUP

AIRPORT LAYOUT PLAN CONDITIONALLY APPROVED subject to conditions in ALP approval letter dated 10/2/92
BY: *James L. Deha*
FAA, AIRPORTS DIVISION, ALASKA REGION, ALL-600

WHITE MOUNTAIN
OBSTRUCTIONS AND
RUNWAY PROTECTION ZONES

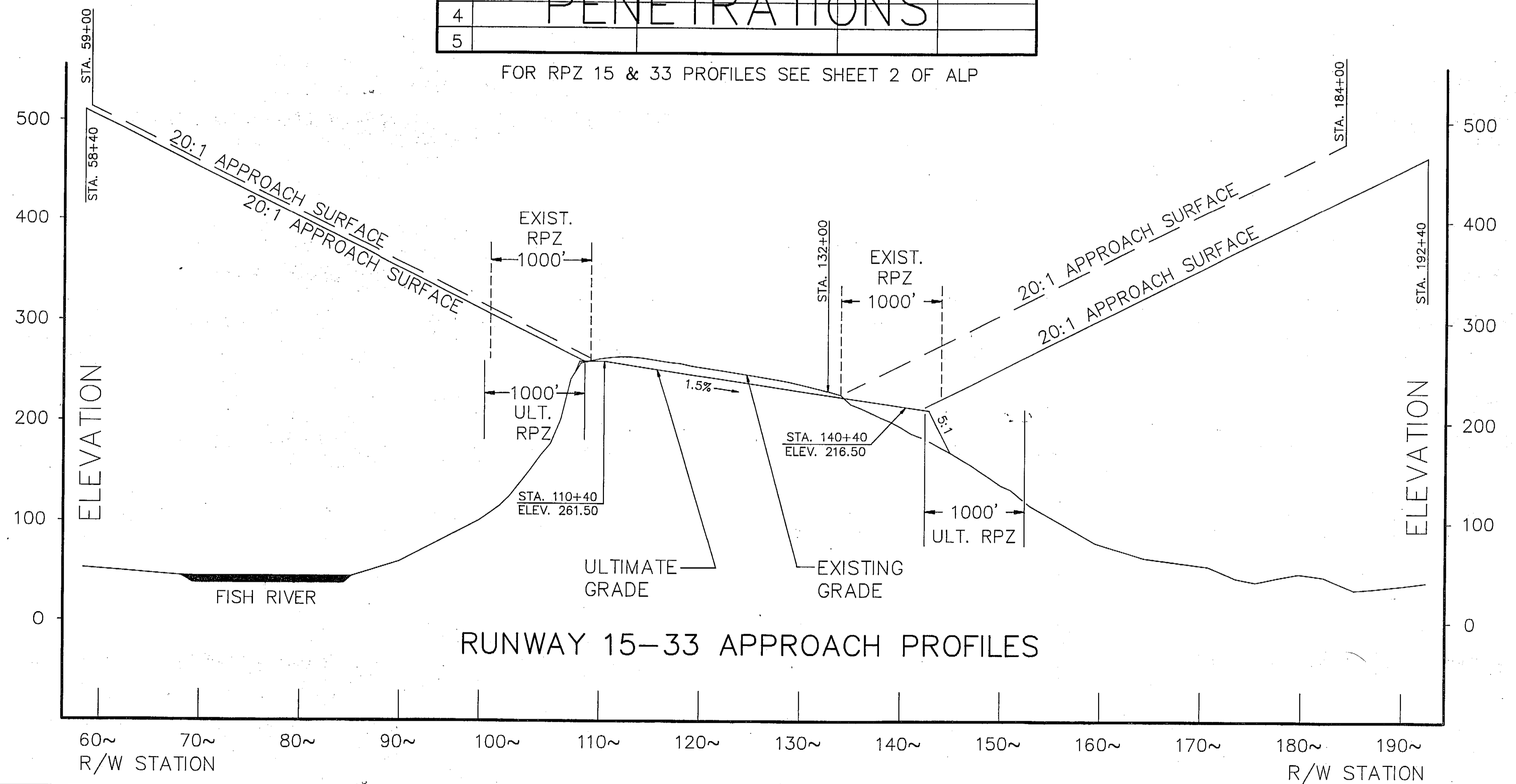
AIRSPACE VICINITY MAP

SCALE: 1 INCH = 1 MILE
 PROTRACTED: T.9S. AND R.24S.
 KATEEL RIVER MERIDIAN, FOLIO K-13
 U.S.G.S. SOLOMON (C-3), ALASKA



| FAR PART 77 PENETRATIONS | | | | |
|--------------------------|-----------|-----------------|-------|----------|
| NO. | STRUCTURE | RUNWAY LOCATION | ELEV. | PENETRA. |
| 1 | | | | |
| 2 | | | | |
| 3 | | | | |
| 4 | | | | |
| 5 | | | | |

FOR RPZ 15 & 33 PROFILES SEE SHEET 2 OF ALP



| | |
|--------------------|-----------|
| DESIGN <u>MJM</u> | |
| DRAWN <u>MFR</u> | |
| CHECKED <u>MJM</u> | |
| BY | DATE |
| | REVISIONS |

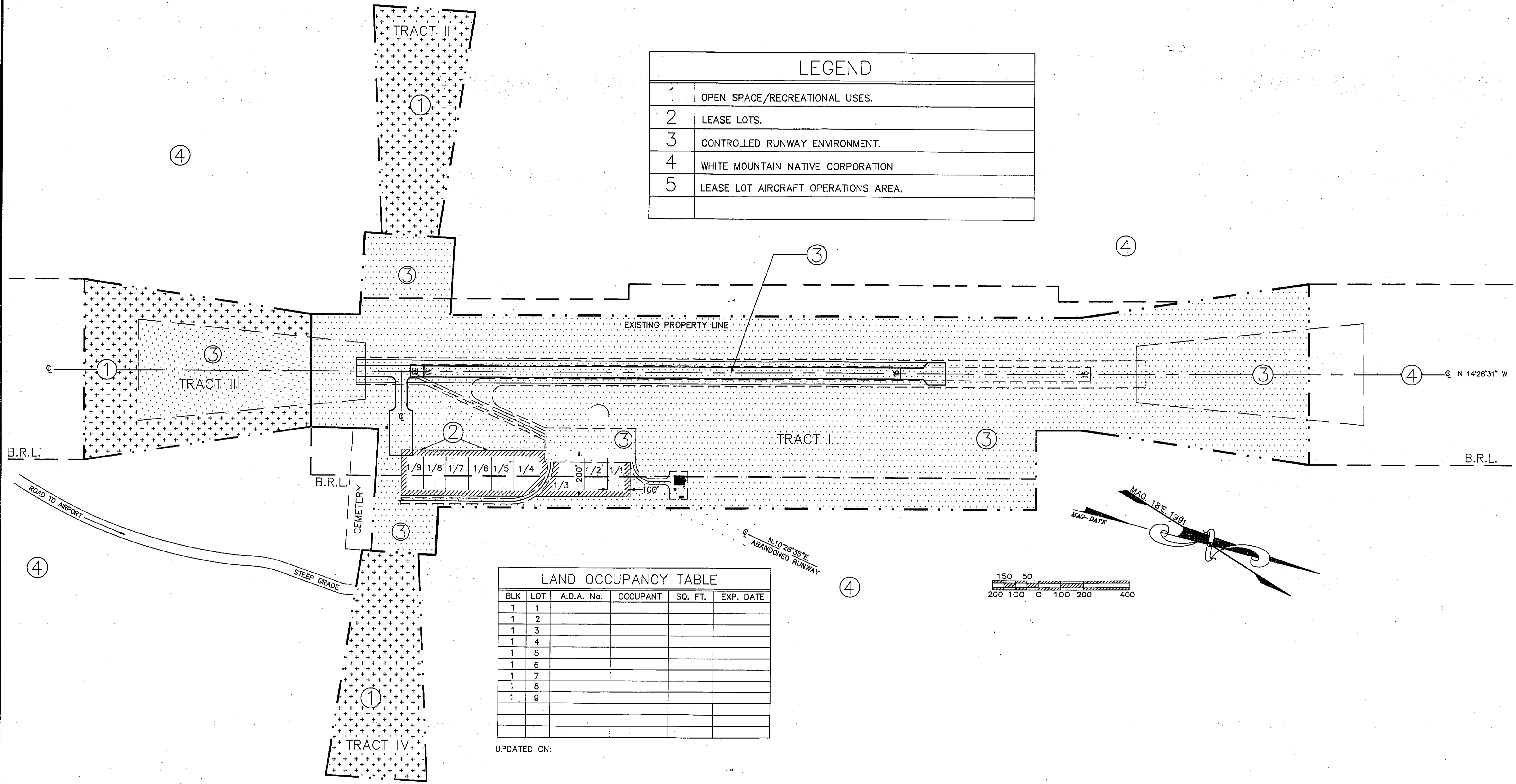
STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
 NORTHERN REGION-WESTERN DISTRICT-DESIGN & CONSTRUCTION-AVIATION
 APPROVED *Daniel D. Urbach* DATE 10-2-92
 DANIEL D. URBACH, P.E. CHIEF AVIATION DESIGN GROUP

AIRPORT LAYOUT PLAN CONDITIONALLY APPROVED subject to conditions in ALP approval letter dated 10/6/92
 BY: *James D. ...*
 FAA, AIRPORTS DIVISION, ALASKA REGION, ALL-600

WHITE MOUNTAIN
 AIRPORT AIRSPACE DRAWING

SHEET 3 OF 4

| LEGEND | |
|--------|-------------------------------------|
| 1 | OPEN SPACE/RECREATIONAL USES. |
| 2 | LEASE LOTS. |
| 3 | CONTROLLED RUNWAY ENVIRONMENT. |
| 4 | WHITE MOUNTAIN NATIVE CORPORATION |
| 5 | LEASE LOT AIRCRAFT OPERATIONS AREA. |

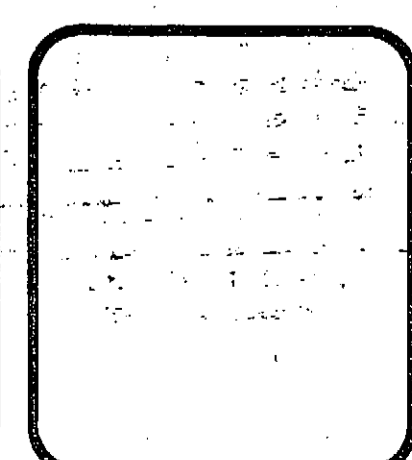


| LAND OCCUPANCY TABLE | | | | | |
|----------------------|-----|------------|----------|---------|-----------|
| BLK | LOT | A.D.A. No. | OCCUPANT | SQ. FT. | EXP. DATE |
| 1 | 1 | | | | |
| 1 | 2 | | | | |
| 1 | 3 | | | | |
| 1 | 4 | | | | |
| 1 | 5 | | | | |
| 1 | 6 | | | | |
| 1 | 7 | | | | |
| 1 | 8 | | | | |
| 1 | 9 | | | | |

UPDATED ON:

| | | |
|---------|------|-----------|
| DESIGN | MJM | |
| DRAWN | MJR | |
| CHECKED | MJM | |
| BY | DATE | REVISIONS |

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
 NORTHERN REGION-WESTERN DISTRICT-DESIGN & CONSTRUCTION-AVIATION
 APPROVED *Daniel D. Urbach* DATE 10-2-92
 DANIEL D. URBACH, P.E. CHIEF AVIATION DESIGN GROUP



AIRPORT LAYOUT PLAN CONDITIONALLY APPROVED subject to conditions in ALP approval letter/dated 10/10/92
 By: *James D. [Signature]*
 FAA, AIRPORTS DIVISION, ALASKA REGION, ALL-600

WHITE MOUNTAIN
 LAND USE DRAWING