## LEGEND

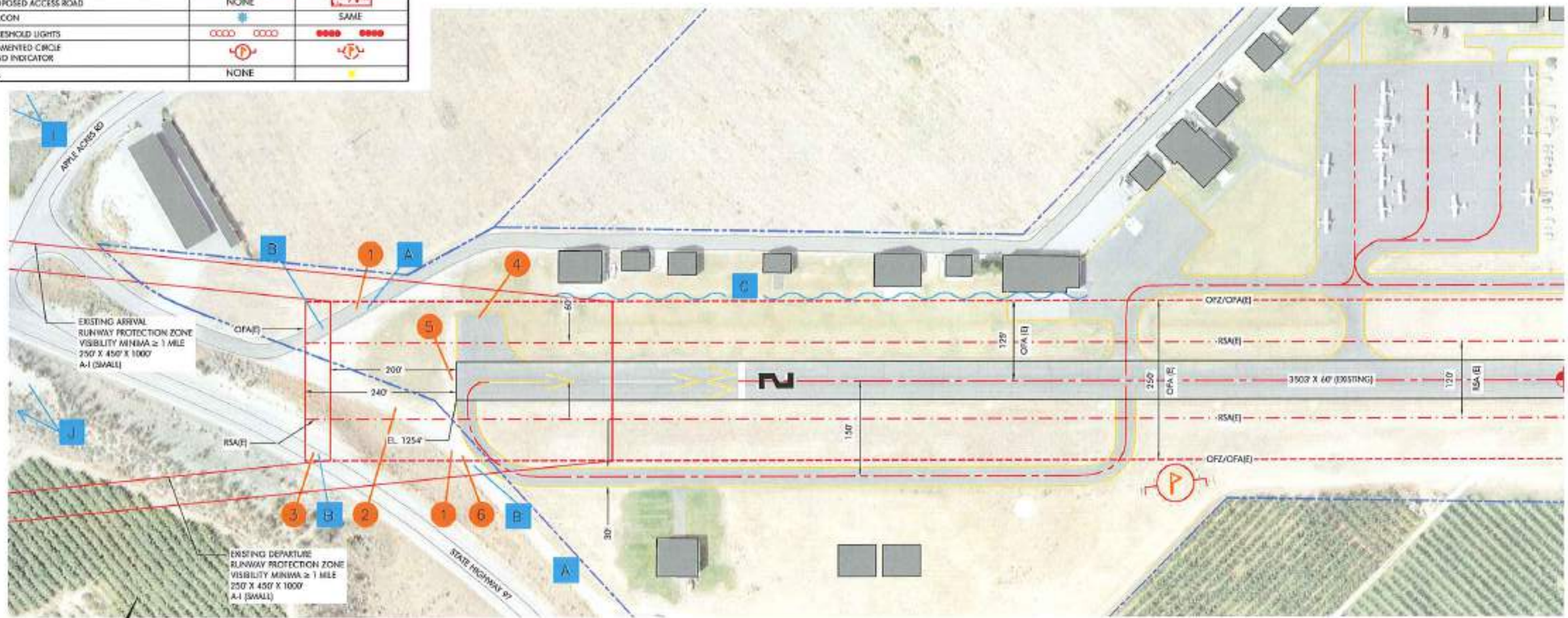
| | EXISTING | FUTURE |
|---|---|---|
| FACILITIES | | |
| BUILDINGS | | |
| RUNWAY | | |
| BUILDING RESTRICTION LINE (BRL) | BRL (E) | BRL (F) |
| AIRCRAFT PARKING LINE (APL) | APL (E) | APL (F) |
| AIRPORT PROPERTY LINE | | |
| RUNWAY SAFETY AREA (RSA) | | |
| OBJECT FREE AREA (OFA) | | |
| TAXIWAY OBJECT FREE AREA (TOFA) | | |
| OBSTACLE FREE ZONE (OFZ) | | |
| RUNWAY PROTECTION ZONE (RPZ) | | |
| GROUND CONTOURS | | SAME |
| AIRPORT REFERENCE POINT (ARP) | | |
| PROPOSED AIRFIELD PAVEMENT | N/A | |
| VISUAL GUIDANCE INDICATORS | NONE | PAPI |
| WIND INDICATOR | | |
| AVIGATION EASEMENT | | SAME |
| FENCE | | |
| PROPOSED ACCESS ROAD | NONE | |
| BEACON | | SAME |
| THRESHOLD LIGHTS | | |
| SEGMENTED CIRCLE WIND INDICATOR | | |
| REIL | NONE | |

## FAA AIRPORT DESIGN STANDARDS

1. OFA/OFZ: ROAD; AIRPORT CONTROL (BEYOND PROPERTY LINE)
2. RSA: ROAD; AIRPORT CONTROL (BEYOND PROPERTY LINE)
3. OFA/OFZ: PUBLIC HIGHWAY
4. OFZ: AIRCRAFT HOLDING AREA
5. RUNWAY LIGHTING
6. TAXIWAY, TAXIWAY OFA & SAFETY AREA: ROAD, AIRPORT CONTROL (BEYOND PROPERTY LINE)

## FAR PART 77 SURFACE PENETRATIONS/CONFLICTS

- A — PRIMARY SURFACE: ROAD/VEHICLES
- B — APPROACH SURFACE OR TRANSITIONAL SURFACE: ROAD/VEHICLES
- C — TRANSITIONAL SURFACE: HANGARS
- I — TRANSITIONAL SURFACE: TERRAIN
- J — APPROACH SURFACE: TERRAIN




0 80 160
SCALE OF FEET
SCALE: 1"=80'

PROPERTY LINE SOURCE:
ERLANDSEN & ASSOCIATES INC. (4-99)

PHOTO SOURCE:
WALKER & ASSOCIATES (9-05)

CENTURY WEST ENGINEERING CORPORATION

Washington State Department of Transportation Aviation Division

# LAKE CHELAN AIRPORT NONSTANDARD ITEMS RUNWAY 02 END

FIGURE NO.

3-1

## LEGEND

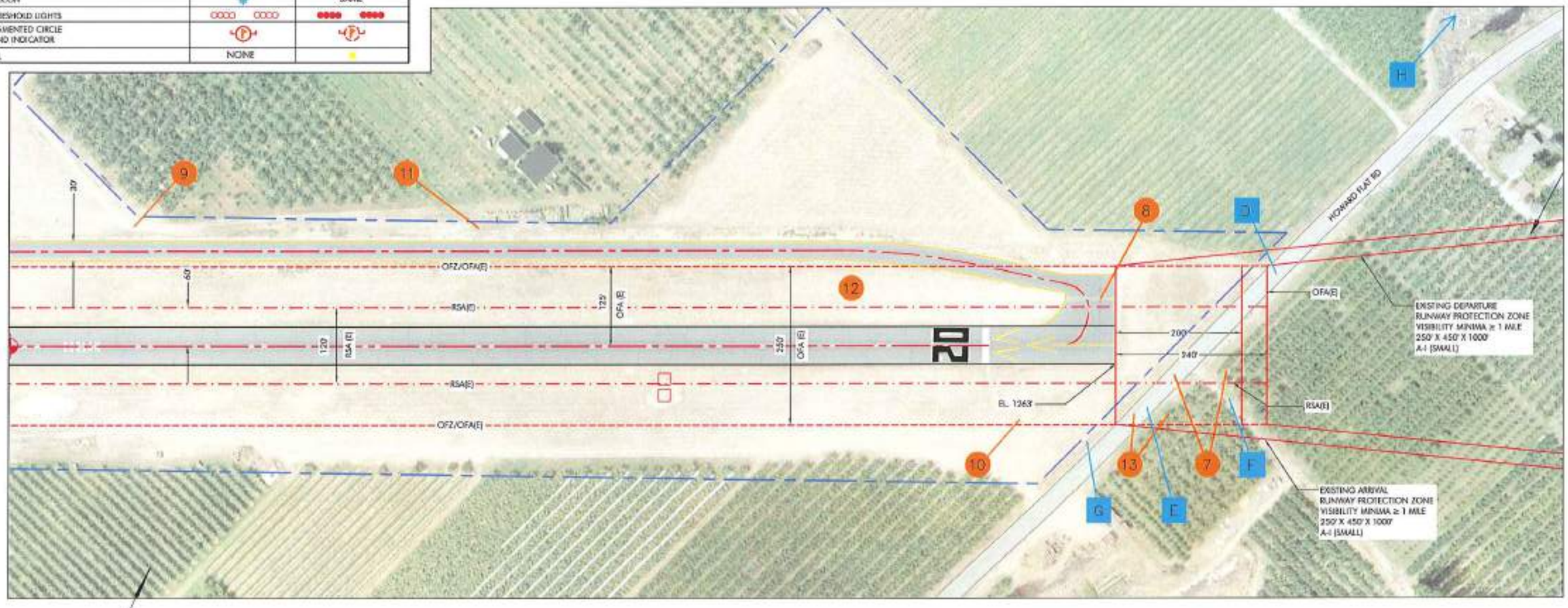
| | EXISTING | FUTURE |
|---|---|---|
| FACILITIES | | |
| BUILDINGS | | |
| RUNWAY | | |
| BUILDING RESTRICTION LINE (BRL) | BRL (E) | BRL (F) |
| AIRCRAFT PARKING LINE (APL) | APL (E) | APL (F) |
| AIRPORT PROPERTY LINE | | |
| RUNWAY SAFETY AREA (RSA) | | |
| OBJECT FREE AREA (OFA) | | |
| TAXIWAY OBJECT FREE AREA (TOFA) | | |
| OBSTACLE FREE ZONE (OFZ) | | |
| RUNWAY PROTECTION ZONE (RPZ) | | |
| GROUND CONTOURS | | SAME |
| AIRPORT REFERENCE POINT (ARP) | | |
| PROPOSED AIRFIELD PAVEMENT | N/A | |
| VISUAL GUIDANCE INDICATORS | NONE | PAPI |
| WIND INDICATOR | | |
| AVIGATION EASEMENT | | SAME |
| FENCE | | |
| PROPOSED ACCESS ROAD | NONE | |
| BEACON | | SAME |
| THRESHOLD LIGHTS | | |
| SEGMENTED CIRCLE WIND INDICATOR | | |
| REIL | NONE | |

## FAA AIRPORT DESIGN STANDARDS

- 7 RSA: ROAD; ORCHARD
- 8 OFZ: AIRCRAFT HOLDING LINE
- 9 TAXIWAY OFA: ROAD
- 10 OFA/OFZ: SUPERUNICOM (NONFRANGIBLE SUPPORT)
- 11 TAXIWAY OFA: VEHICLES PARKED (OFF AIRPORT)
- 12 TAXIWAY SAFETY AREA: SURFACE CONDITION; GRADIENT
- 13 OFA/OFZ: ROAD; ORCHARD

## FAR PART 77 SURFACE PENETRATIONS/CONFLICTS

- D APPROACH SURFACE: ROAD/VEHICLE
- E PRIMARY SURFACE: ROAD/VEHICLE
- F PRIMARY SURFACE: NOT BY AIRPORT CONTROLLED; TREES
- G TRANSITIONAL SURFACE: POWERPOLE
- H TRANSITIONAL SURFACE: TERRAIN




N

0 80 160
SCALE OF FEET
SCALE: 1"=80'

PROPERTY LINE SOURCE:
ERLANDSEN & ASSOCIATES INC. (4-99)

PHOTO SOURCE:
WALKER & ASSOCIATES (9-05)

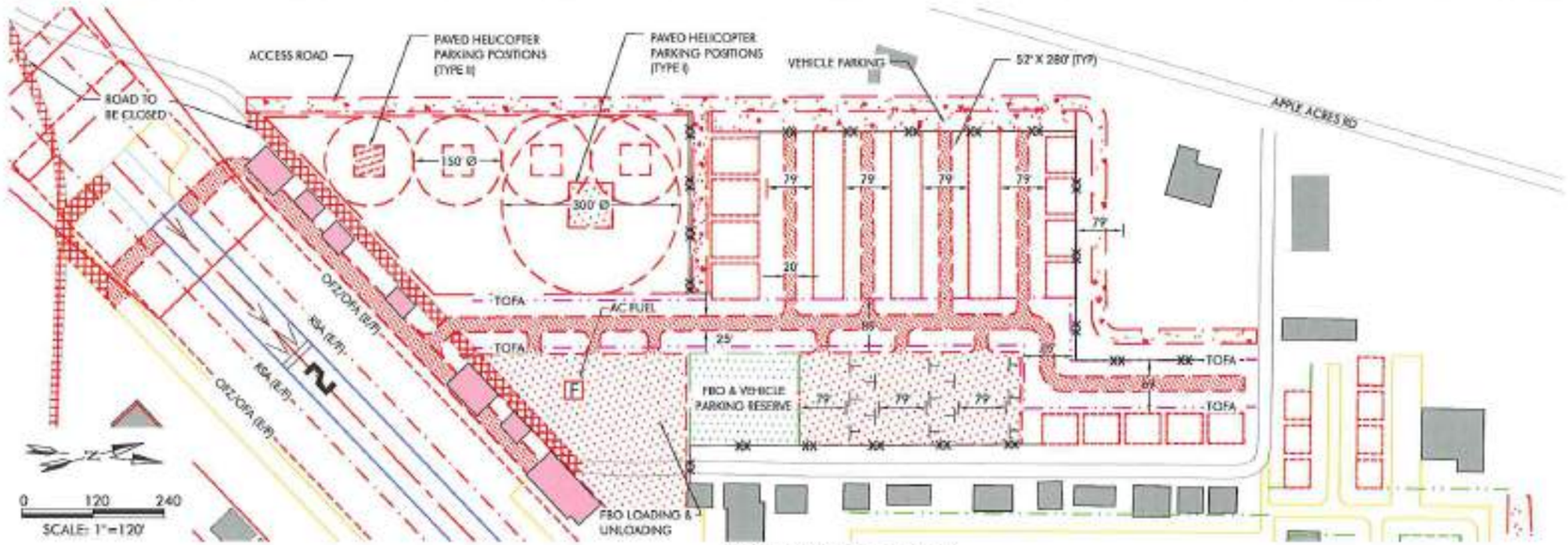
CENTURY WEST ENGINEERING CORPORATION

Washington State Department of Transportation Aviation Division

# LAKE CHELAN AIRPORT NONSTANDARD ITEMS RUNWAY 20 END

FIGURE NO.

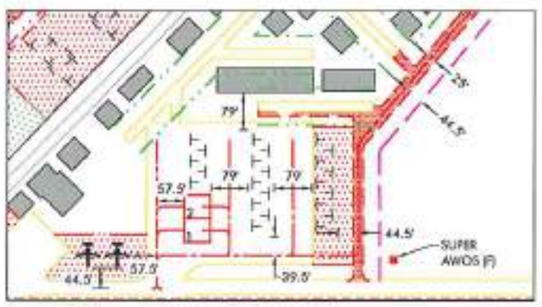
3-2



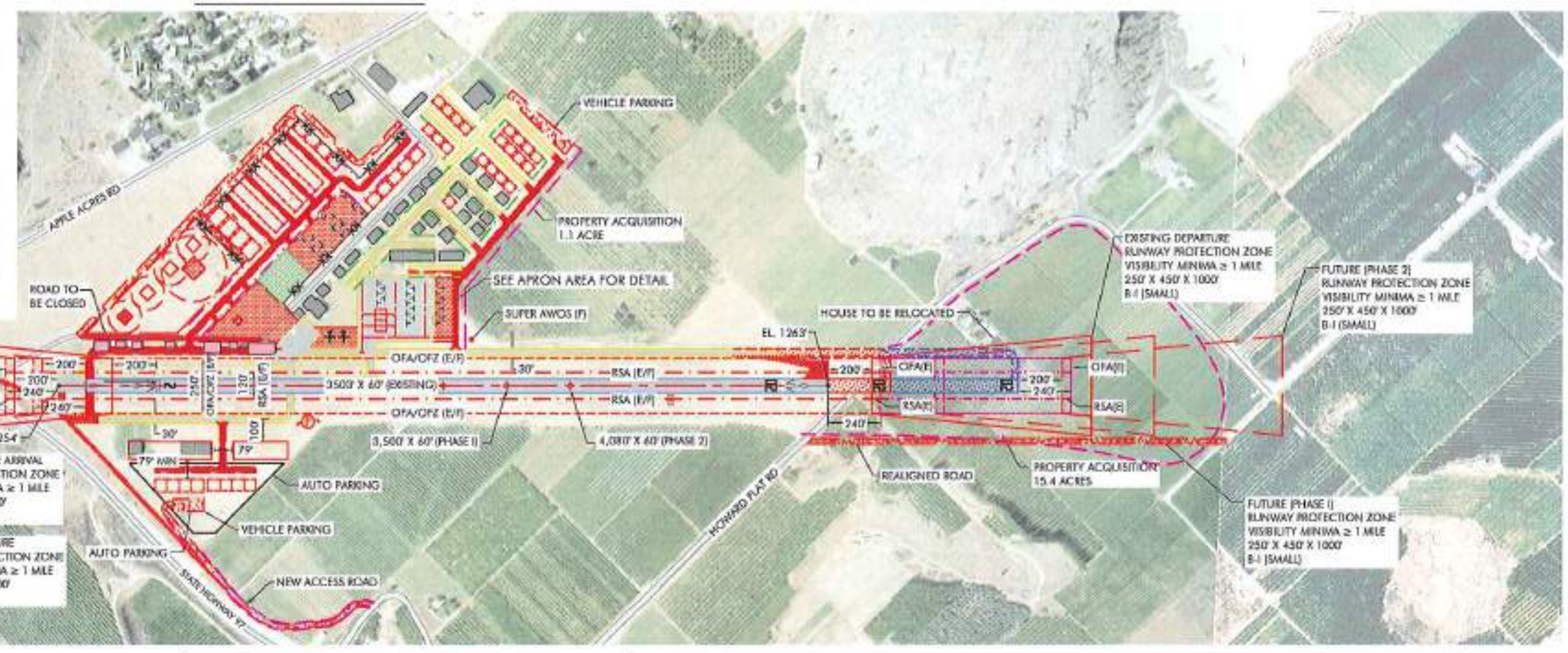

WEST LANDSIDE AREA

## LEGEND

| | EXISTING | FUTURE |
|---|---|---|
| FACILITIES | | |
| BUILDINGS | | |
| RUNWAY | | |
| BUILDING RESTRICTION LINE (BRL) | BRL (E) | BRL (F) |
| AIRCRAFT PARKING LINE (APL) | APL (E) | APL (F) |
| AIRPORT PROPERTY LINE | | |
| RUNWAY SAFETY AREA (RSA) | | |
| OBJECT FREE AREA (OFA) | | |
| TAXIWAY OBJECT FREE AREA (TOFA) | | |
| OBSTACLE FREE ZONE (OFZ) | | |
| RUNWAY PROTECTION ZONE (RPZ) | | |
| GROUND CONTOURS | 10' | SAME |
| AIRPORT REFERENCE POINT (ARP) | | |
| VISUAL GUIDANCE INDICATORS | PAPI | PAPI |
| WIND INDICATOR | | |
| DEVELOPMENT RESERVE | N/A | |
| FENCE | | |
| PROPOSED ACCESS ROAD | NONE | |
| HANGARS TO BE REMOVED | | N/A |
| THRESHOLD LIGHTS | | |
| REIL | NONE | |
| PHASE I PROPOSED AIRFIELD PAVEMENT | N/A | |
| PHASE II PROPOSED AIRFIELD PAVEMENT | N/A | |
| PAVEMENT TO BE REMOVED | | N/A |
| PROPERTY ACQUISITION | N/A | |




APRON AREA




APPROXIMATE ACREAGE EXISTING : 76.8

APPROXIMATE ACREAGE FUTURE : 116.16

0 300 600
SCALE: 1"=300'

PROPERTY LINE SOURCE: ERLANDSEN & ASSOCIATES INC. (4-99)

PHOTO SOURCE: WALKER & ASSOCIATES (9-05)

CENTURY WEST ENGINEERING CORPORATION

# LAKE CHELAN AIRPORT PREFERRED ALTERNATIVE

FIGURE NO. 4-4