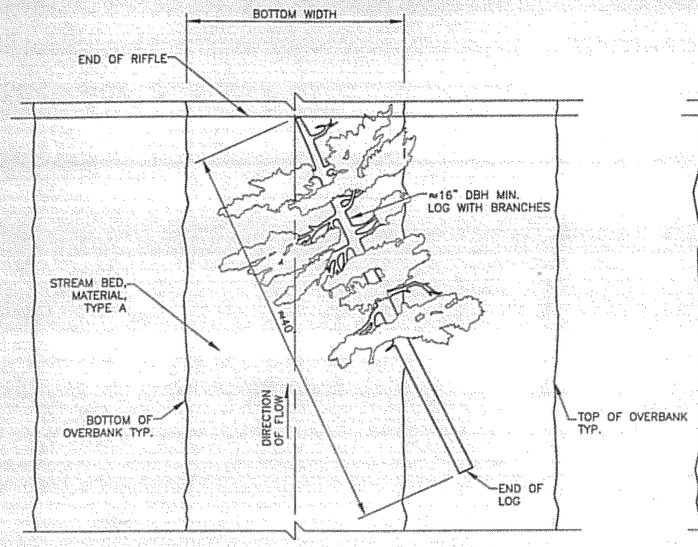
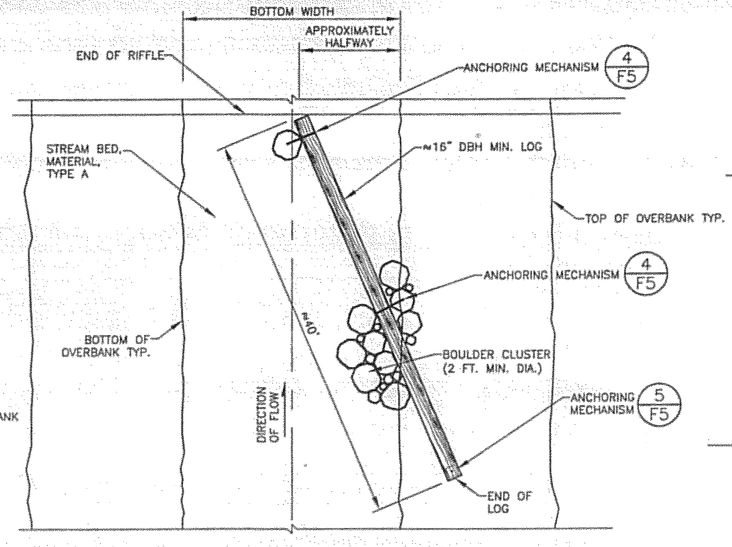
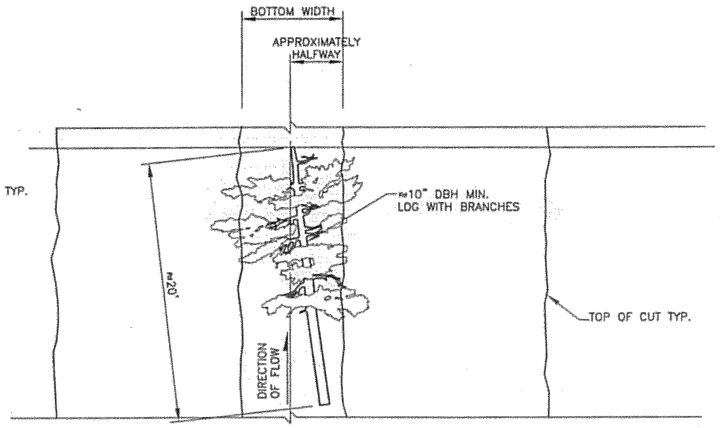


1 F5 **UNANCHORED LOG, TYPE I, INSTALLATION**
N.T.S.



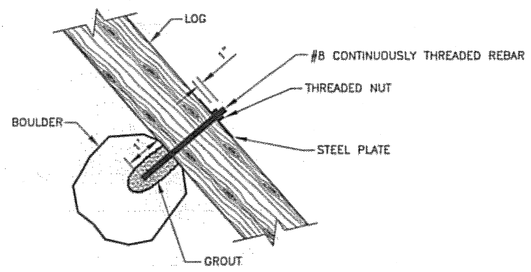
2 F5 **ANCHORED LOG - BOULDER INSTALLATION**
N.T.S.



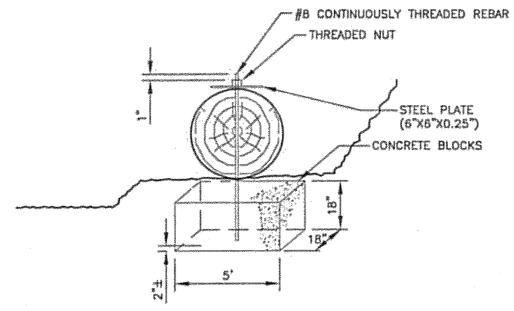
3 F5 **UNANCHORED LOG, TYPE II, INSTALLATION**
N.T.S.

NOTES:

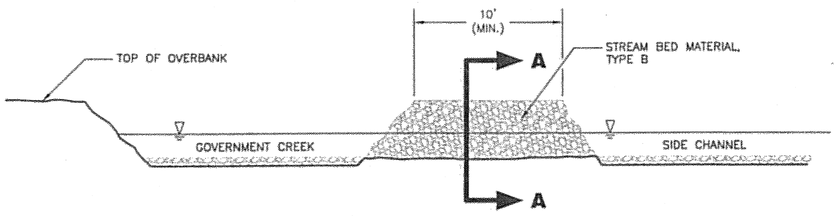
1. FOR ANCHORING MECHANISM IN GOVERNMENT CREEK, BOLT THE LOGS AS SHOWN. WHEREVER THERE IS BEDROCK, IN PLACE OF CONCRETE BLOCK, EXTEND THE REBAR INTO THE ROCK TO A MINIMUM OF 2' AND GROUT.
2. FINAL LOG PLACEMENT LOCATION WILL BE DETERMINED BY THE ENGINEER IN THE FIELD.



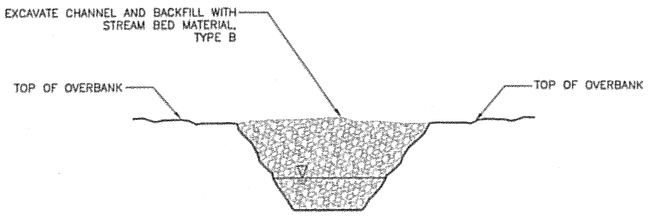
4 F5 **BOULDER ANCHOR**
N.T.S.



5 F5 **CONCRETE ANCHOR**
N.T.S.



6 F5 **UPSTREAM SIDE CHANNEL CONNECTION**
N.T.S.



SECTION A-A

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: I:\823400\Dwgs\C\Sheets\F05.dwg
Wed, 04/Oct/06 08:43AM bpaddock
TAB: F05

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

KETCHIKAN AIRPORT
RUNWAY SAFETY AREA EXPANSION & RUNWAY OVERLAY
PROJECT NO. 68306

CREEK REROUTE CONSTRUCTION DETAILS

PREPARED BY: USKH INC.
CHECKED BY: DLM

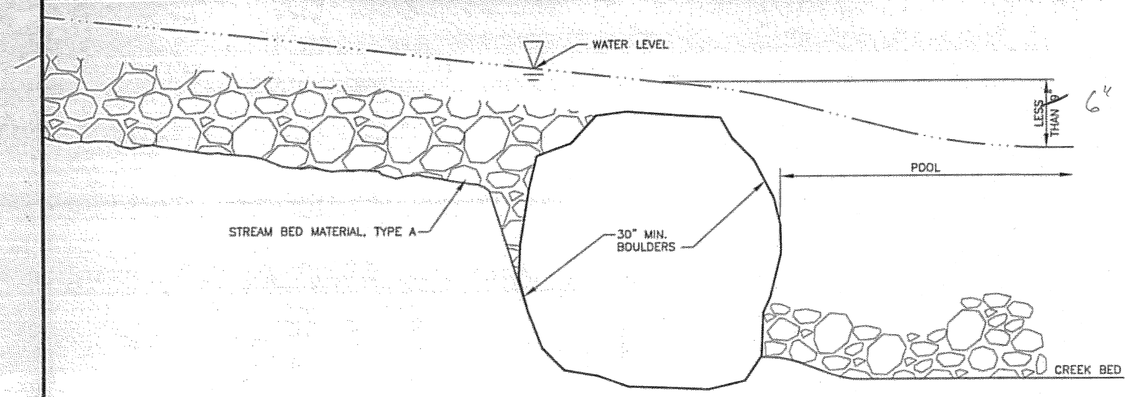
STATE OF ALASKA 49TH D. Lance Mearig CE-7435 04Oct06 REGISTERED PROFESSIONAL ENGINEER

DESIGNED BY: SC
DRAWN BY: GS, WJP

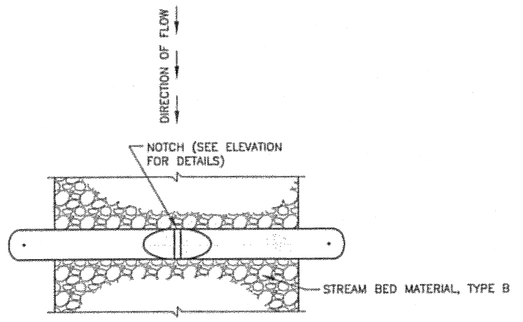
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
DESIGN & ENGINEERING SERVICES DIVISION–SOUTHEAST REGION

CREEK REROUTE CONSTRUCTION DETAILS

PROJECT DESIGNATION	
AIP NO. 3-02-0144-1606	
STATE	YEAR
ALASKA	2006
SHEET NUMBER	TOTAL SHEETS
F5	131



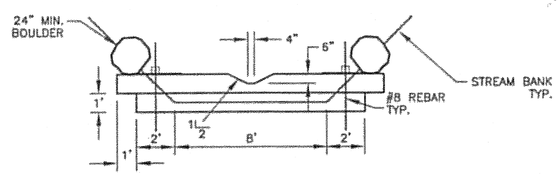
ELEVATION



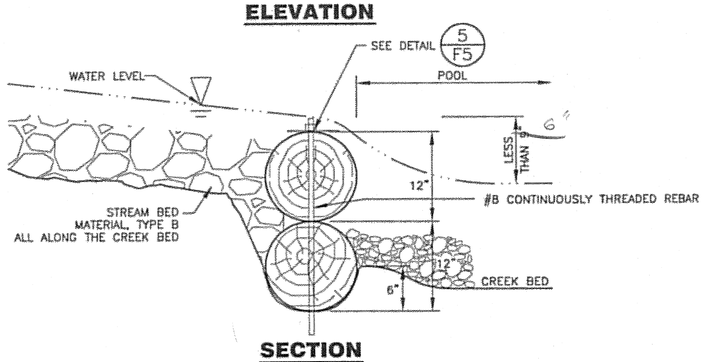
PLAN

NOTE:

NOTCH FOR LOG STEPS SHOULD BE CONSTRUCTED AFTER FLOW IS ESTABLISHED.



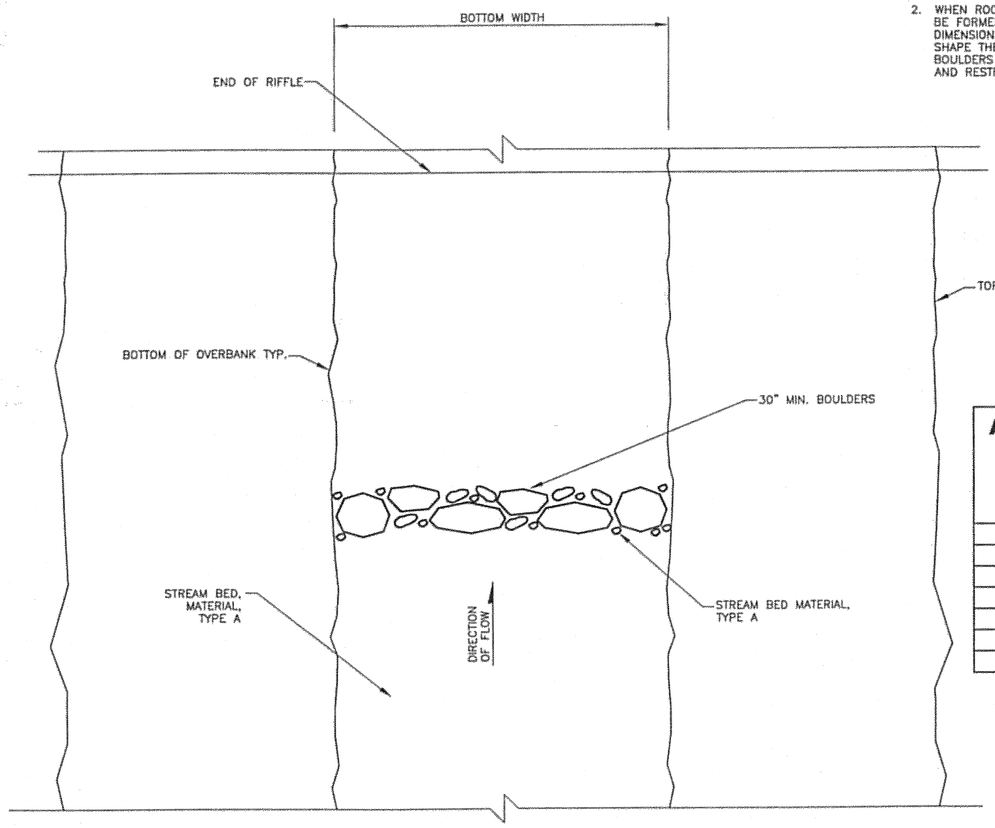
ELEVATION



SECTION

NOTE:

1. FINAL LOCATIONS OF STEPS WILL BE DETERMINED IN THE FIELD DURING CONSTRUCTION BY THE ENGINEER.
2. WHEN ROCK IS ENCOUNTERED AT STEP LOCATIONS, STEPS MAY BE FORMED BY EXCAVATING ROCK TO THE APPROXIMATE DIMENSIONS SHOWN FOR BOULDER STEPS. ALTERNATIVELY, SHAPE THE CHANNEL BOTTOM AS SHOWN, KEYING THE BOULDERS INTO THE CHANNEL BOTTOM TO MAINTAIN STABILITY AND RESTRICT FLOW UNDER THE BOULDERS.



PLAN

APPROXIMATE LOCATIONS FOR PLACEMENT OF BOULDER STEPS IN GOVERNMENT CREEK

STATION	STATION
GC 2+10	GC 8+30
GC 3+20	GC 9+70
GC 4+30	GC 10+90
GC 5+30	GC 12+20
GC 6+30	GC 13+40
GC 7+30	

LOG STEP SCHEDULE

STATION	ELEVATION
NT 1+60	71.7'
NT 1+85	71.6'
NT 2+20	69.9'
NT 2+55	68.3'
NT 2+90	66.7'
NT 3+25	65.6'
NT 3+60	63.7'
NT 3+95	62.1'

NOTE:
STATION IS AT CENTER OF TOP LOG, ELEVATION IS AT TOP LOG BELOW ANCHOR PLATE

1/F6 **BOULDER STEP DETAILS** N.T.S.

2/F6 **LOG STEP DETAILS** N.T.S.

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: I:\823400\Dwgs\C\Sheets\F06.dwg
Wed, 04/Oct/06 08:43AM bpoddock
TAB: F06

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

KETCHIKAN AIRPORT
RUNWAY SAFETY AREA EXPANSION & RUNWAY OVERLAY
PROJECT NO. 68306

CREEK REROUTE CONSTRUCTION DETAILS

PREPARED BY: USKH INC.

CHECKED BY: DLM

STATE OF ALASKA 49TH D. Lance Mearig CE-7435 10 Oct 06 REGISTERED PROFESSIONAL ENGINEER

DESIGNED BY: SC

DRAWN BY: GS, WJP

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
DESIGN & ENGINEERING SERVICES
DIVISION-SOUTHEAST REGION

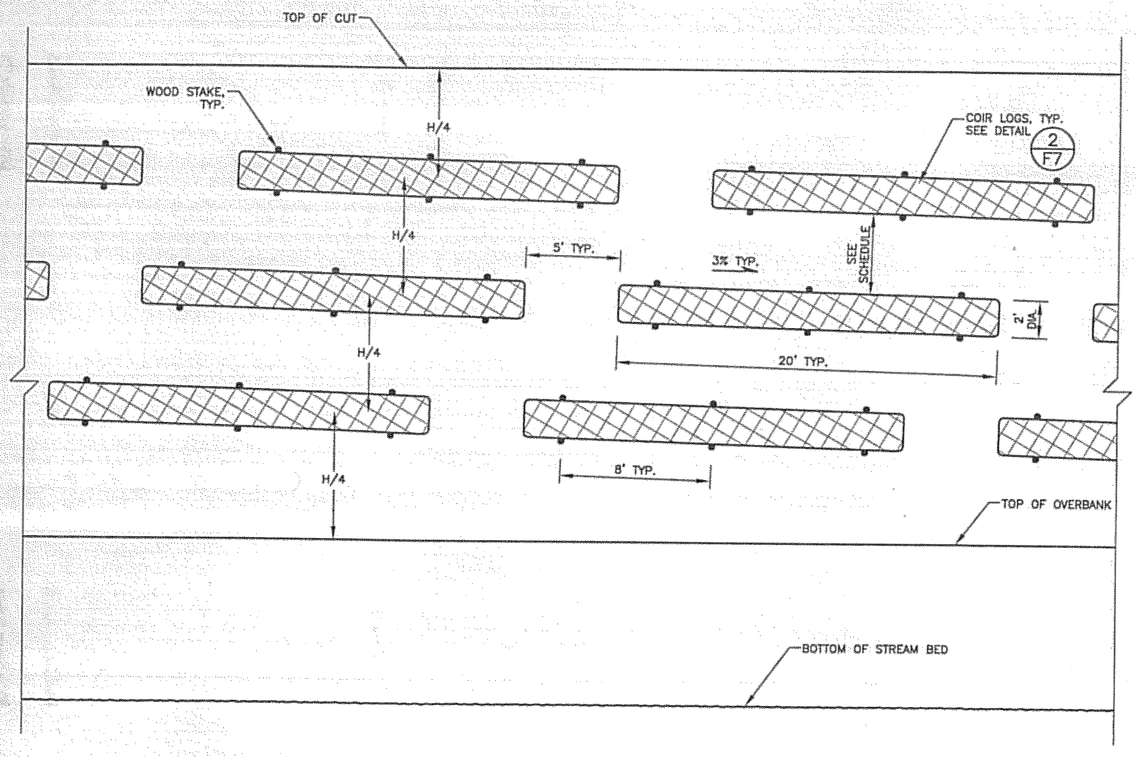
CREEK REROUTE CONSTRUCTION DETAILS

PROJECT DESIGNATION
AIP NO. 3-02-0144-1606

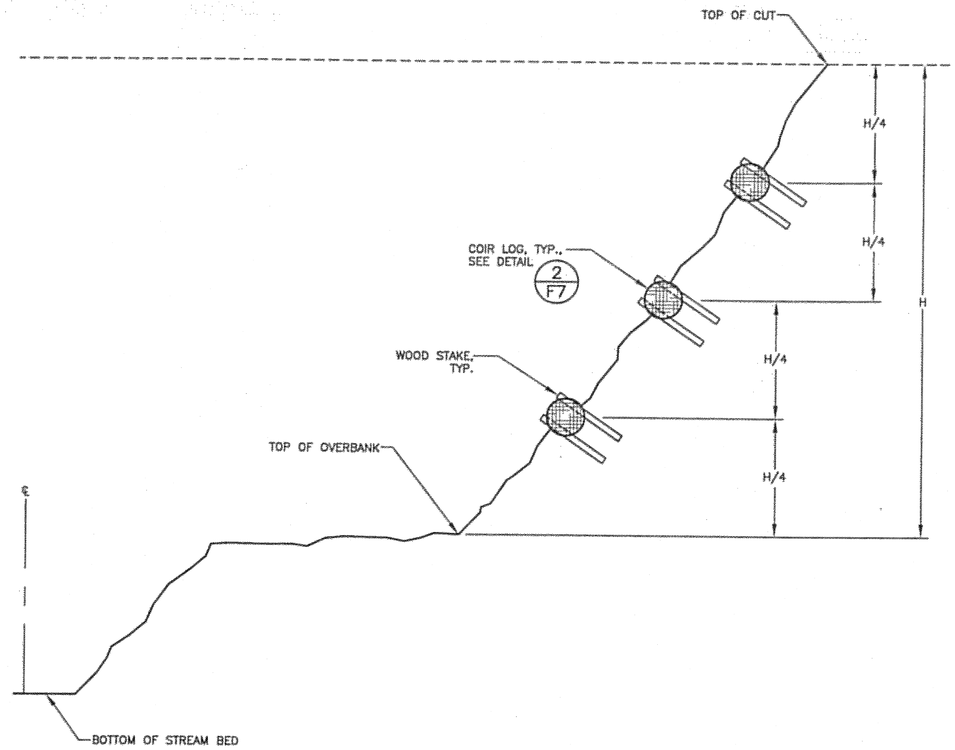
STATE	YEAR
ALASKA	2006
SHEET NUMBER	TOTAL SHEETS
F6	131

SLOPE STABILIZATION NOTES:

1. STABILIZE EXCAVATIONS AS REQUIRED TO COMPLY WITH THE SPECIFICATIONS, ESCP, SWPPP AND PERMIT REQUIREMENTS. PROVIDE FOR LONG TERM STABILIZATION OF CUT SLOPES IN THE GOVERNMENT CREEK AND NORTH TRIBUTARY CHANNEL EXCAVATIONS. DUE TO THE HIGH CUT SLOPES IN THE CREEK CHANNELS, ADDITIONAL MEASURES BEYOND THOSE DESCRIBED IN ITEM P-157 MAY BE REQUIRED. SUPPLEMENT ITEM P-157 STABILIZATION METHODS WITH APPLICATION OF COIR LOGS OR ROLLED MATTING, OR AS DIRECTED BY THE ENGINEER.
2. DETAILS AND NOTES ON THIS SHEET PROVIDE GUIDELINES FOR INSTALLATION OF ADDITIONAL SLOPE STABILIZATION METHODS. THE INFORMATION PROVIDED DOES NOT CHANGE THE INTENT TO RECREATE A STREAM ENVIRONMENT THAT APPROXIMATES NATURAL CONDITIONS AS DESCRIBED UNDER ITEM P-152, DRAINAGE EXCAVATION. ADJUST THE SUGGESTED APPLICATION METHODS AS NECESSARY TO COMPLY WITH THESE REQUIREMENTS.
3. REFER TO STANDARD DRAWING E-00.00 FOR INSTALLATION OF ROLLED MATTING.



ELEVATION

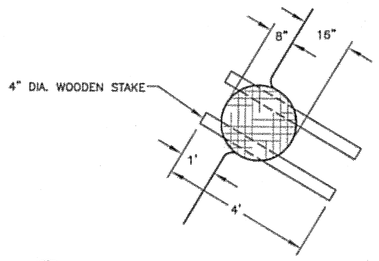


SECTION

NOTES:

1. THIS IS A SUGGESTED LAYOUT FOR THE PLACEMENT OF COIR LOGS FOR SLOPE STABILIZATION.
2. THE NUMBER OF ROWS WILL DEPEND ON THE HEIGHT FROM TOP OF OVERBANK TO TOP OF CUT, SEE SCHEDULE.

1/F7 COIR LOG PLACEMENT DETAILS
N.T.S.



2/F7 COIR LOG INSTALLATION DETAIL
N.T.S.

COIR LOGS INSTALLATION SCHEDULE

HEIGHT	NUMBER OF ROWS	SPACING OF LOGS
0-5	0	-
5-20	1	H/2
20-30	2	H/3
30-40	3	H/4
40-50	4	H/5
50-60	5	H/6
60-70	6	H/7

SEE DETAILS BELOW FOR TYPICAL INSTALLATION

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: I:\823400\Dwgs\C\Sheets\F07.dwg
Wed, 08/Nov/06 01:40PM bpoddock
TAB: F07

ADDENDUM NUMBER
ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

KETCHIKAN AIRPORT
RUNWAY SAFETY AREA EXPANSION
& RUNWAY OVERLAY
PROJECT NO. 68306

CREEK SLOPE STABILIZATION DETAILS

PREPARED BY: USKH INC.
CHECKED BY: DLM

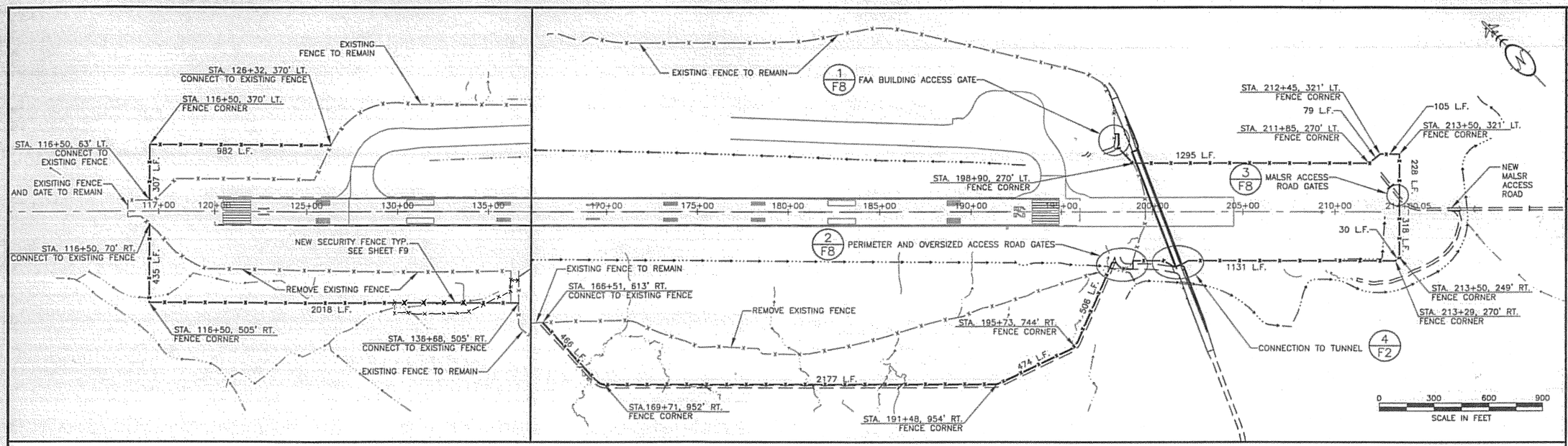
STATE OF ALASKA 49TH D. Lance Mearig CE-7435 09NOV06 REGISTERED PROFESSIONAL ENGINEER

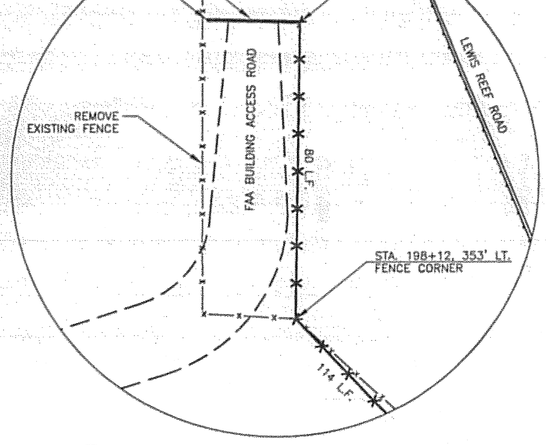
DESIGNED BY: SC
DRAWN BY: WJP

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
DESIGN & ENGINEERING SERVICES
DIVISION-SOUTHEAST REGION

CREEK SLOPE STABILIZATION DETAILS

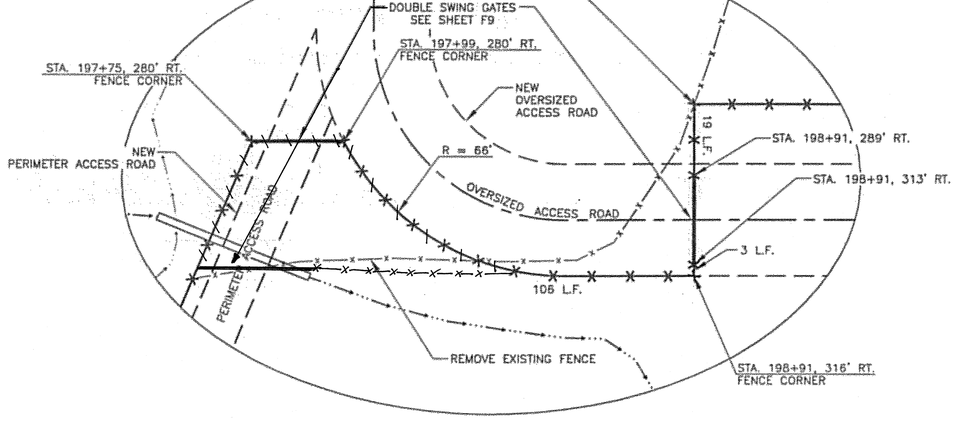
PROJECT DESIGNATION	
AIP NO. 3-02-0144-1606	
STATE	YEAR
ALASKA	2006
SHEET NUMBER	TOTAL SHEETS
F7	131





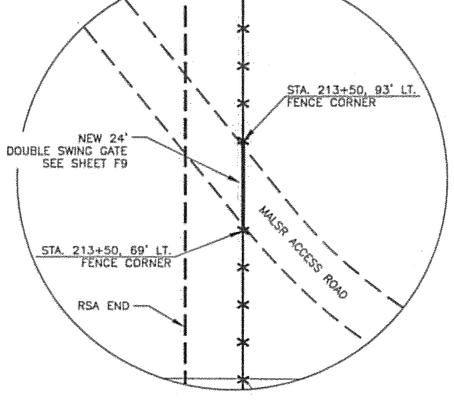
1 F8 FAA BUILDING ACCESS GATE

SCALE = 1:20



2 F8 PERIMETER AND OVERSIZED ACCESS ROAD GATES

SCALE = 1:20



3 F8 MALSR ACCESS ROAD GATE

SCALE = 1:20

NOTES:

1. INSTALL NEW CHAIN LINK FENCE AS SHOWN (SEE SHEET F9 FENCE DETAILS)
2. INSTALL TEMPORARY CHAIN LINK FENCE TO MAINTAIN AIRPORT SECURITY DURING CONSTRUCTION. MEET THE PERMANENT FENCE DIMENSIONAL STANDARDS AND SPECIFICATIONS, EXCEPT CONCRETE FOOTINGS AND BARBED WIRE TOP EXTENSION WILL NOT BE REQUIRED
3. TEMPORARY FENCING MAY NOT BE LOCATED ANY CLOSER THAN 200' TO THE RUNWAY CENTERLINE, AND MUST NOT PENETRATE ANY OFA, OFZ, APPROACH SURFACE, OR ANY OTHER IMAGINARY SURFACE. (REFER 14 CFR PART 77)
4. TEMPORARY FENCE LOCATIONS MUST BE APPROVED BY THE ENGINEER PRIOR TO PLACEMENT.
5. ALL TEMPORARY FENCE INSTALLATIONS SHALL PROVIDE A CONTINUOUS BARRIER TO INTRUSIONS BY HUMANS AND ANIMALS AND SHALL BY INSTALLED IN SUCH AWAY THAT THE BARRIER CANNOT BE EASILY CIRCUMVENTED.
6. PERMANENT CHAIN LINK FENCE MAY BE INSTALLED ON THE QUARRY SIDE OF THE RUNWAY BEFORE EXCAVATION BEGINS. NEW PERIMETER ROAD MUST BE COMPLETED BEFORE INSTALLATION OF NEW FENCE.
7. INSTALL GATE SIGN ALL NEW GATES.
8. SEE SHEET D1 FOR PERIMETER SIGN PLATE LOCATIONS AND SHEET F2 FOR DETAILS.

LEGEND

NEW FENCE

EXISTING FENCE

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: I:\B23400\Dwgs\C\Sheets\F08.dwg
Wed, 04/Oct/06 08:43AM bpaddock
TAB: F08

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

KETCHIKAN AIRPORT
RUNWAY SAFETY AREA EXPANSION & RUNWAY OVERLAY
PROJECT NO. 68306

FENCING PLAN & DETAILS

PREPARED BY: USKH INC.

CHECKED BY: DLM

STATE OF ALASKA 49 TH
D. Lance Mearig CE-7435 04OctO6 REGISTERED PROFESSIONAL ENGINEER

DESIGNED BY: SC

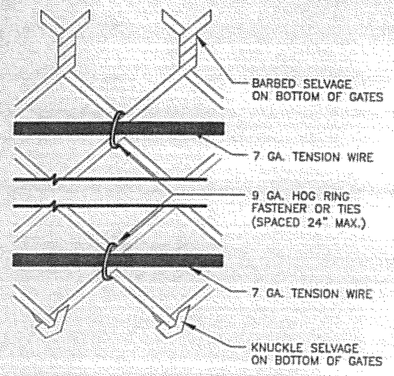
DRAWN BY: WJP

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
DESIGN & ENGINEERING SERVICES
DIVISION-SOUTHEAST REGION

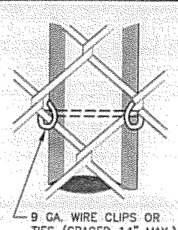
FENCING PLAN & DETAILS

PROJECT DESIGNATION
AIP NO. 3-02-0144-1606

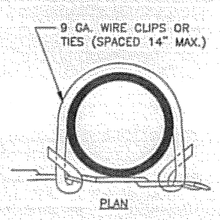
STATE	YEAR
ALASKA	2006
SHEET NUMBER	TOTAL SHEETS
F8	131



TYPICAL METHOD OF TYING FABRIC TO TENSION WIRE

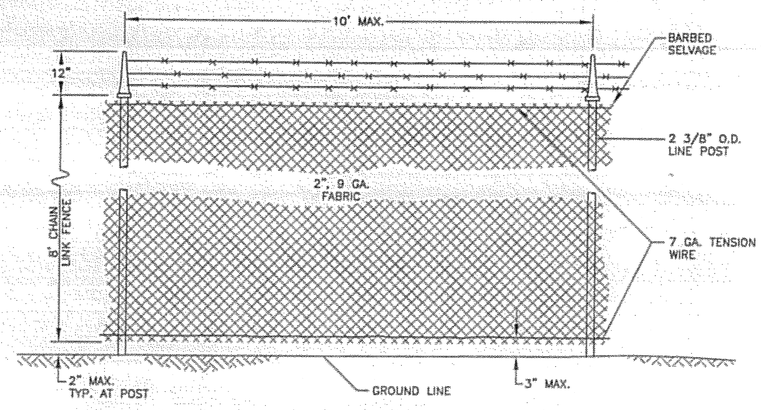


ELEVATION



PLAN

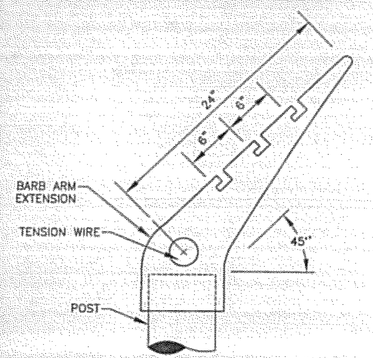
TYPICAL CONNECTION FABRIC TO LINE POSTS



TYPICAL FENCE ELEVATION

FENCE NOTES:

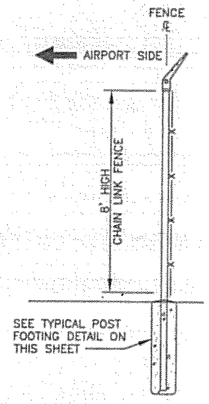
1. ALL CONCRETE USED FOR FENCE FOOTINGS SHALL BE 3000 PSI MINIMUM.
2. FINISHED CONCRETE TO BE RECESSED BELOW THE GROUND LINE. BACKFILL AND COMPACT AROUND RECESSED CONCRETE WITH EXCAVATED MATERIAL (TYPICAL FOR ALL CONCRETE POSTS IN GROUND).
3. FINISHED CONCRETE TO BE FLUSH WITH PAVEMENT (TYPICAL FOR ALL CONCRETE POSTS IN PAVEMENT).
4. FOR SIGNAGE DETAILS REFER TO SHEET F2.



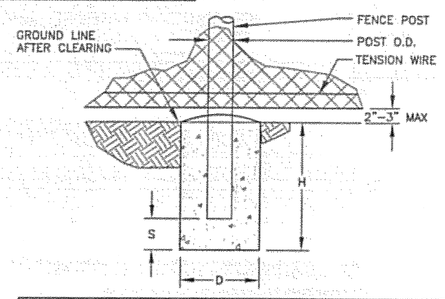
NOTE:
TYPICAL TOP FOR ALL LINE AND PULL POSTS.

TYPICAL EYE-TOP BARB-TOP EXTENSION

ACORN OR DOME CAP FOR GATE/TERMINAL POST



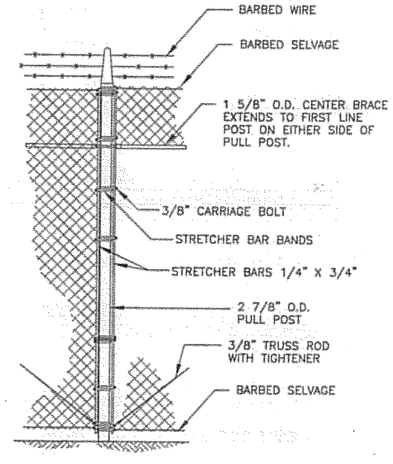
TYPICAL FENCE SECTION



FOOTING DIMENSIONS

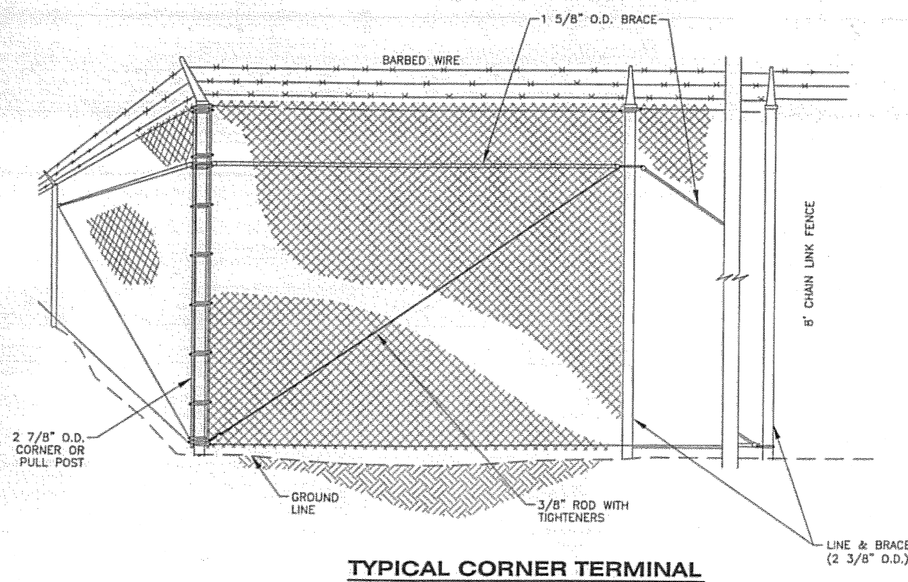
	POST OUTSIDE DIAMETER	D	H	S
LINE POST	2 3/8"	12"	38"	2"
PULL POST, CORNER POST	2 7/8"	20"	38"	2"
GATE POST	6 5/8"	20"	60"	6"

TYPICAL FENCE FOUNDATION

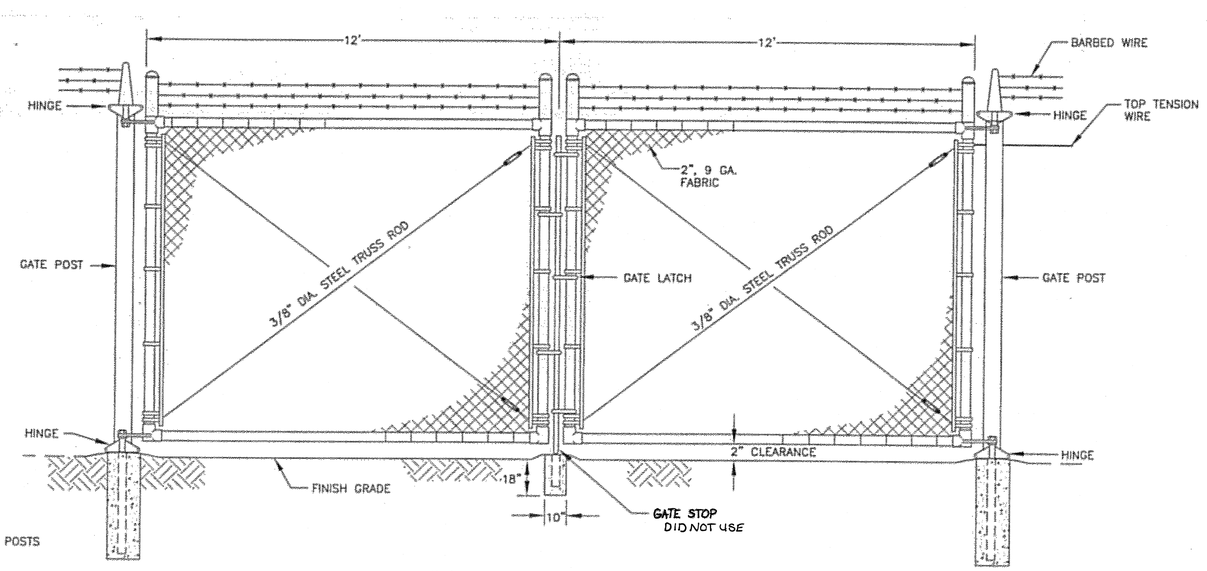


NOTE:
PULL POSTS SHALL BE SPACED AT 250' INTERVALS.

TYPICAL PULL POST DETAIL



TYPICAL CORNER TERMINAL



DOUBLE SWING GATE

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: I:\823400\Dwgs\C\Sheets\F09.dwg
Wed, 08/Nov/06 01:41PM bpaddock
TAB: F09

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

KETCHIKAN AIRPORT
RUNWAY SAFETY AREA EXPANSION
& RUNWAY OVERLAY
PROJECT NO. 68306

FENCING DETAILS

PREPARED BY: USKH INC.

CHECKED BY: DLM

STATE OF ALASKA 49 TH
D. Lance Mearig
CE-7435
06Nov06
REGISTERED PROFESSIONAL ENGINEER

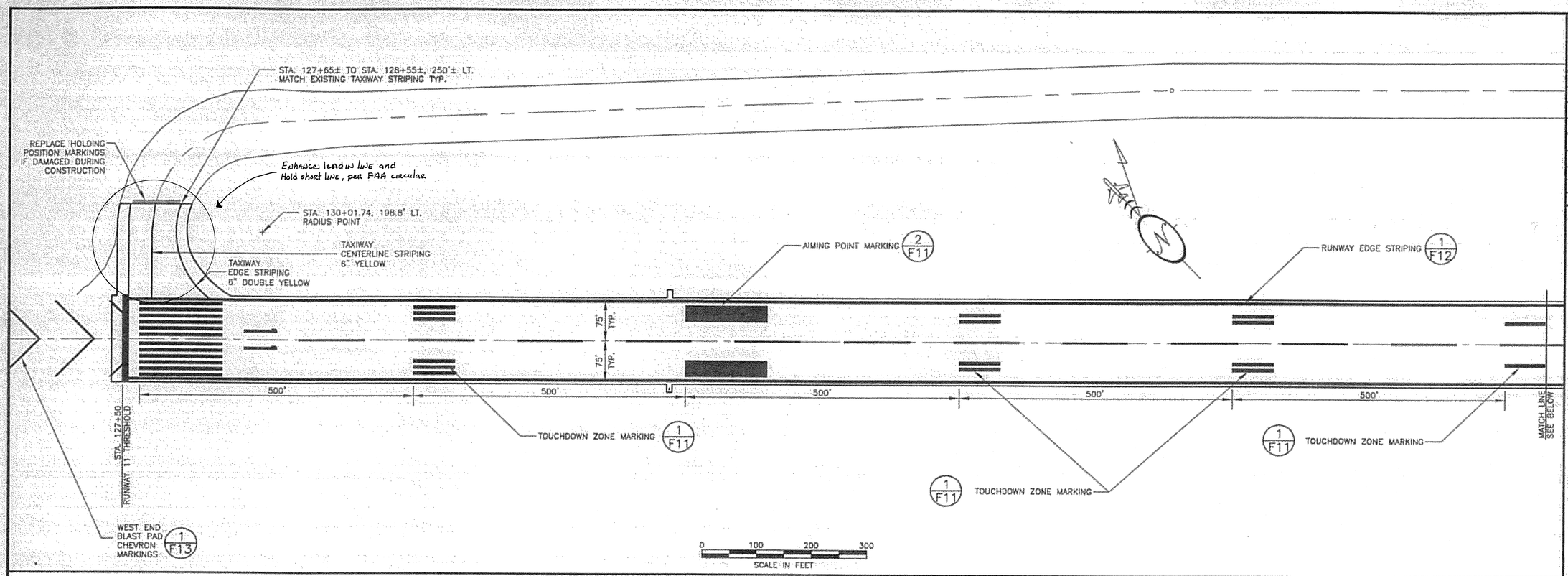
DESIGNED BY: SC

DRAWN BY: WJP

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
DESIGN & ENGINEERING SERVICES DIVISION–SOUTHEAST REGION

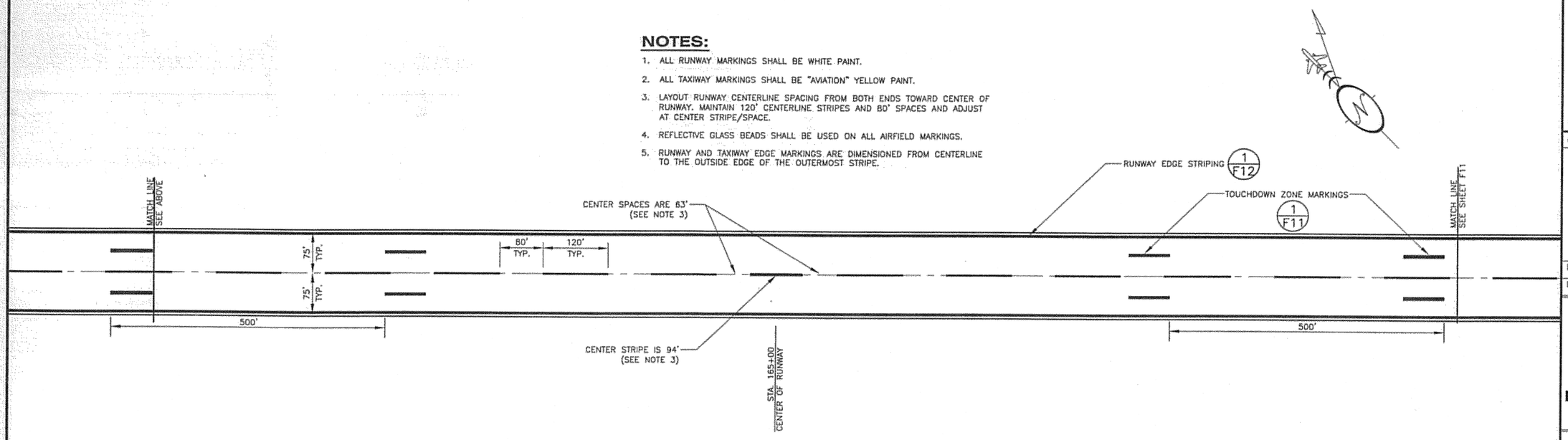
FENCING DETAILS

PROJECT DESIGNATION	
AIP NO. 3-02-0144-1606	
STATE	YEAR
ALASKA	2006
SHEET NUMBER	TOTAL SHEETS
F9	131



NOTES:

1. ALL RUNWAY MARKINGS SHALL BE WHITE PAINT.
2. ALL TAXIWAY MARKINGS SHALL BE "AVIATION" YELLOW PAINT.
3. LAYOUT RUNWAY CENTERLINE SPACING FROM BOTH ENDS TOWARD CENTER OF RUNWAY. MAINTAIN 120' CENTERLINE STRIPES AND 80' SPACES AND ADJUST AT CENTER STRIPE/SPACE.
4. REFLECTIVE GLASS BEADS SHALL BE USED ON ALL AIRFIELD MARKINGS.
5. RUNWAY AND TAXIWAY EDGE MARKINGS ARE DIMENSIONED FROM CENTERLINE TO THE OUTSIDE EDGE OF THE OUTERMOST STRIPE.



DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: I:\823400\Dwgs\C\Sheets\F10.dwg
Wed, 04/Oct/06 08:43AM bpaddock
TAB: F10

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

KETCHIKAN AIRPORT
RUNWAY SAFETY AREA EXPANSION & RUNWAY OVERLAY
PROJECT NO. 68306

RUNWAY & TAXIWAY MARKING PLAN

PREPARED BY: USKH INC.

CHECKED BY: DLM

STATE OF ALASKA 49TH
D. Lance Mearig CE-7435 04 Oct 06 REGISTERED PROFESSIONAL ENGINEER

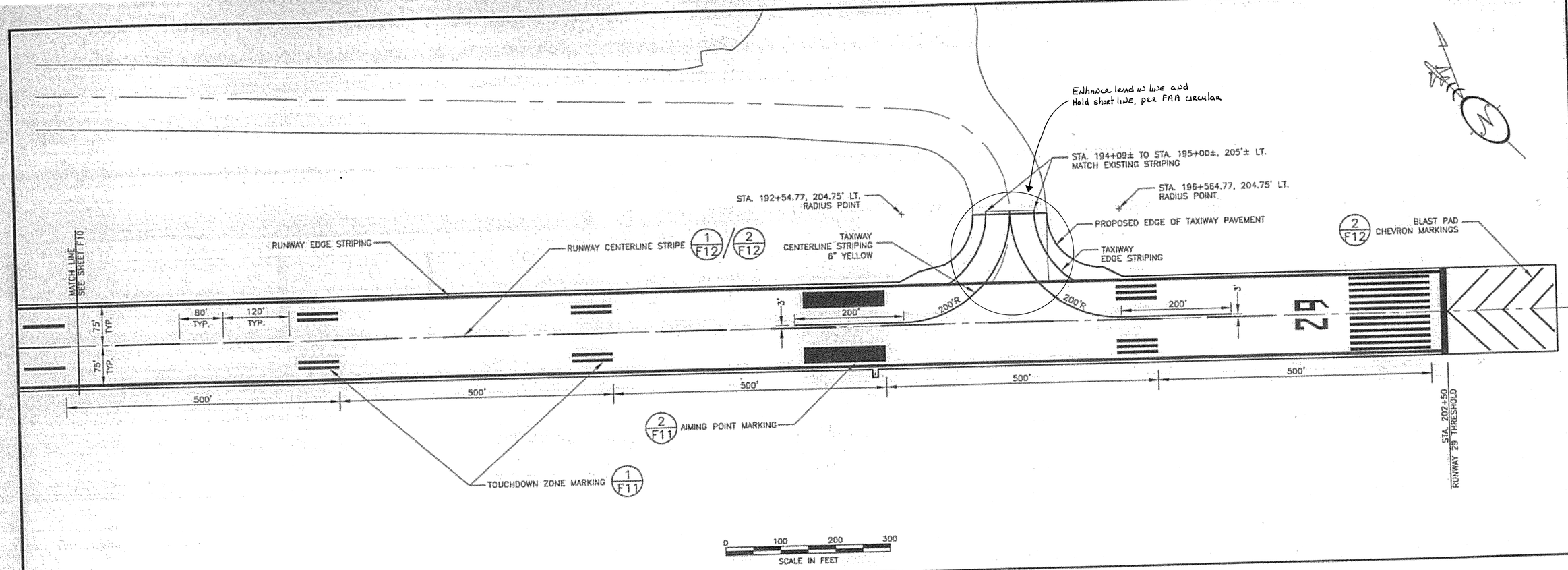
DESIGNED BY: EJG

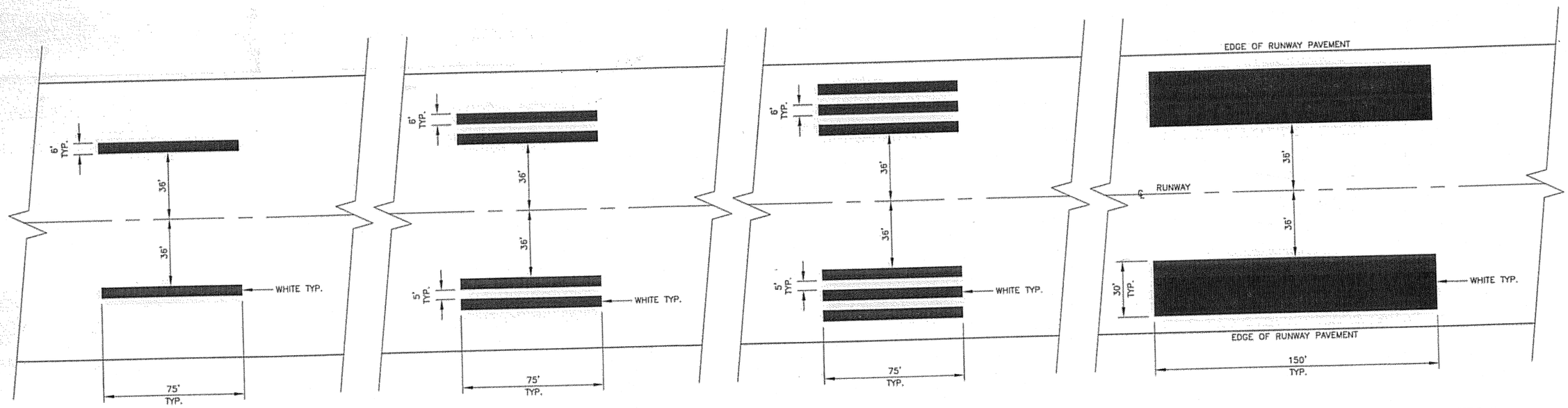
DRAWN BY: WJP

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
DESIGN & ENGINEERING SERVICES
DIVISION–SOUTHEAST REGION

RUNWAY & TAXIWAY MARKING PLAN

PROJECT DESIGNATION	
AIP NO. 3-02-0144-1606	
STATE	YEAR
ALASKA	2006
SHEET NUMBER	TOTAL SHEETS
F10	131





1/F11 **TOUCHDOWN ZONE MARKING DETAIL** N.T.S.

2/F11 **AIMING POINT MARKING DETAIL** N.T.S.

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: I:\823400\Dwgs\C\Sheets\
Wed, 04/Oct/06 08:43AM
TAB: F11

ADDENDUM N

ATTACHMENT

RECORD OF

No.	DATE	

KETCHIKAN AIRPORT
RUNWAY SAFETY AREA EXPANSION
& RUNWAY OVERLAY
PROJECT NO. 68306

PREPARED BY:

CHECKED BY: DL

STATE OF ALASKA 49 TH D. L. REGISTERED

DESIGNED BY: EJ

DRAWN BY: W.

STATE DEPARTMENT & PUBL DESIGN & EN DIVISION–SC

RUNWAY MARK & D

PROJECT

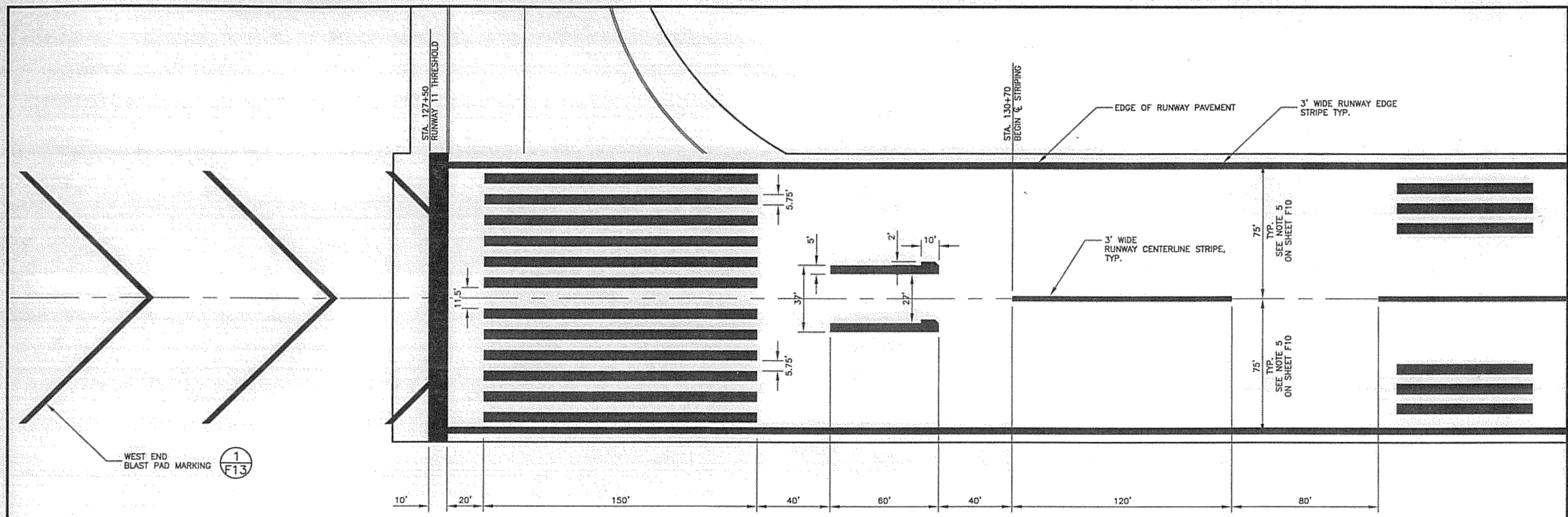
AIP NO. 3-

STATE

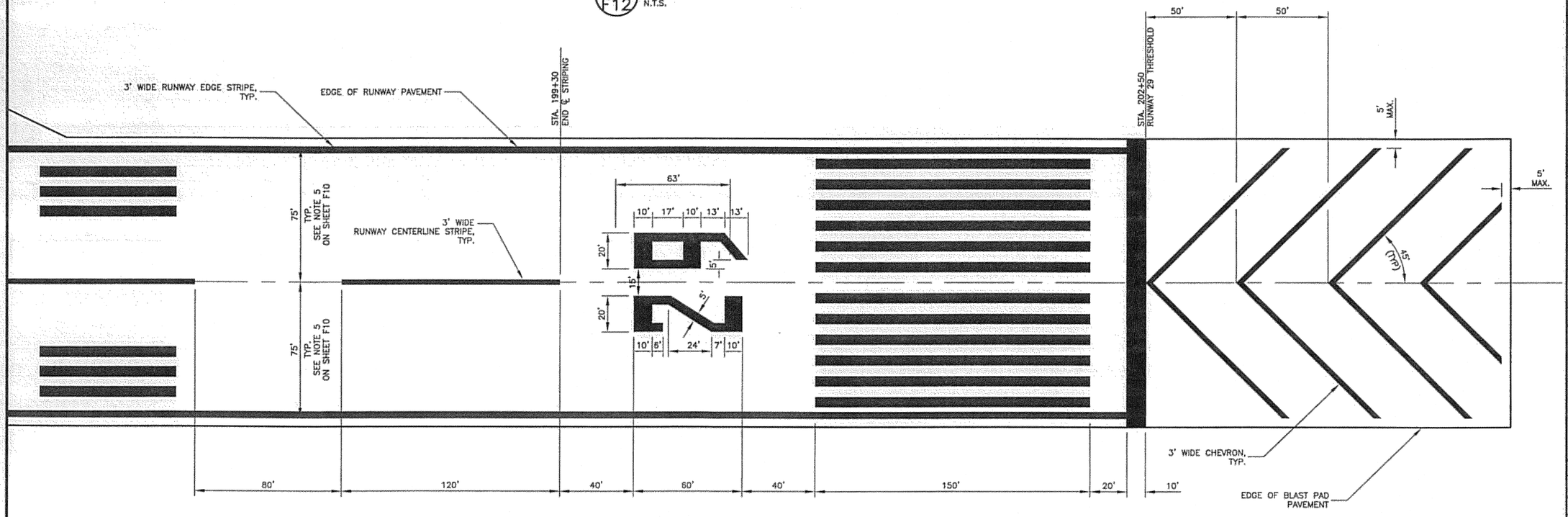
ALASKA

SHEET NUMBE

F11



1/F12 **RUNWAY 11 APPROACH END MARKINGS** N.T.S.



2/F12 **RUNWAY 29 APPROACH END MARKINGS** N.T.S.

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: I:\B23400\Dwgs\C\Sheets\F12.dwg

Wed, 04/Oct/06 12:42PM bpaddock

TAB: F12

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

KETCHIKAN AIRPORT
RUNWAY SAFETY AREA EXPANSION
& RUNWAY OVERLAY
PROJECT NO. 68306

RUNWAY & TAXIWAY MARKING DETAILS

PREPARED BY: USKH INC.

CHECKED BY: DLM

STATE OF ALASKA 49 TH D. Lance Mearig CE-7435 04Oct06 REGISTERED PROFESSIONAL ENGINEER

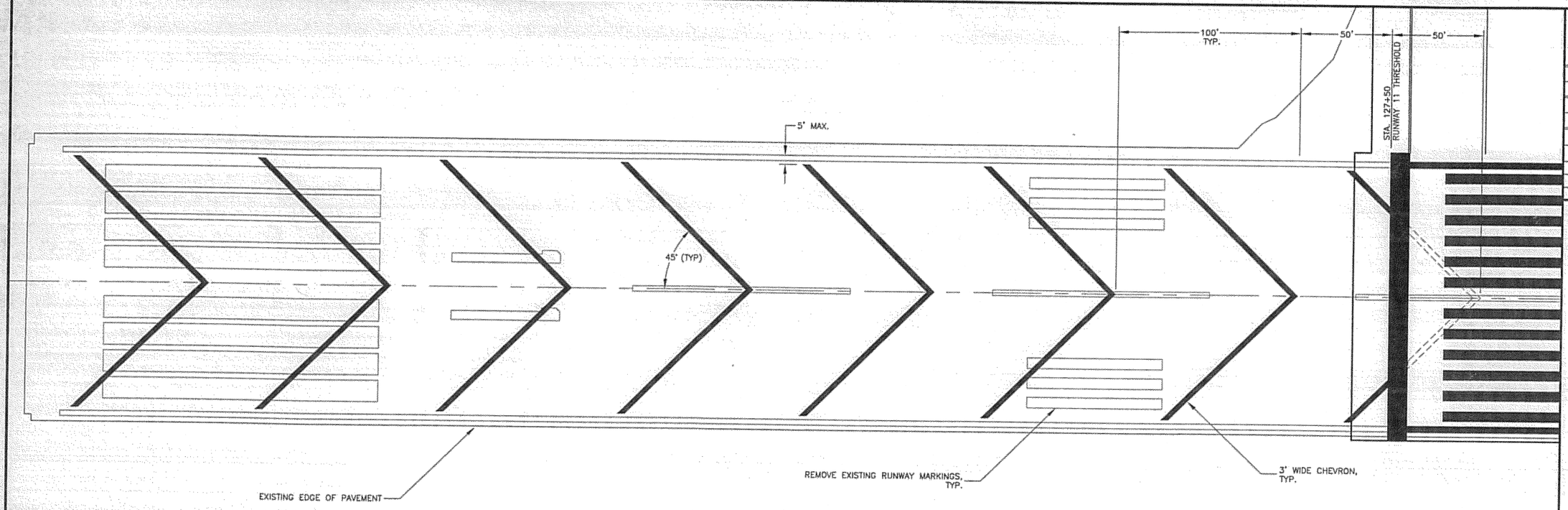
DESIGNED BY: EJG

DRAWN BY: WJP

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
DESIGN & ENGINEERING SERVICES
DIVISION–SOUTHEAST REGION

RUNWAY & TAXIWAY MARKING DETAILS

PROJECT DESIGNATION	
AIP NO. 3-02-0144-1606	
STATE	YEAR
ALASKA	2006
SHEET NUMBER	TOTAL SHEETS
F12	131

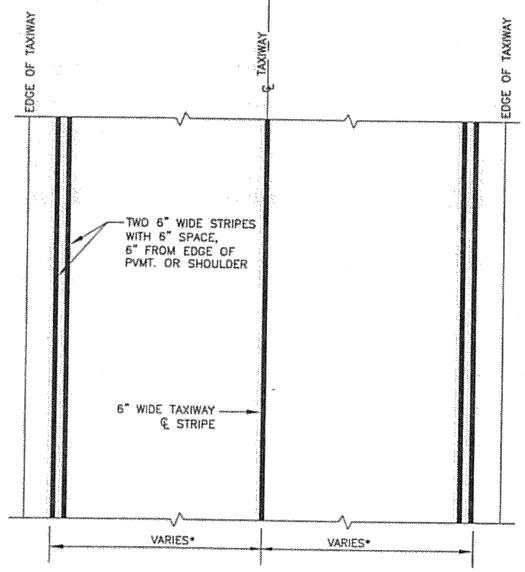


1 F13 N.T.S.

WEST END BLAST PAD MARKING DETAIL

NOTE:

ALL TAXIWAY STRIPING SHALL BE AVIATION YELLOW



* DIMENSIONS TO OUTSIDE EDGE OF OUTERMOST STRIPE.

2 F13 N.T.S.

TAXIWAY MARKING DETAIL

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: I:\B23400\Dwgs\C\Sheets\F13.dwg
Wed, 04/Oct/06 08:44AM bpaddock
TAB: F13

ADDENDUM NUMBER
ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

KETCHIKAN AIRPORT
RUNWAY SAFETY AREA EXPANSION
& RUNWAY OVERLAY
PROJECT NO. 68306

RUNWAY & TAXIWAY MARKING DETAILS

PREPARED BY: USKH INC.

CHECKED BY: DLM

STATE OF ALASKA 49 TH
D. Lance Mearig CE-7435 REGISTERED PROFESSIONAL ENGINEER
04 Oct 06

DESIGNED BY: EJG

DRAWN BY: WJP

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
DESIGN & ENGINEERING SERVICES
DIVISION–SOUTHEAST REGION

RUNWAY & TAXIWAY MARKING DETAILS

PROJECT DESIGNATION	
AIP NO. 3-02-0144-1606	
STATE	YEAR
ALASKA	2006
SHEET NUMBER	TOTAL SHEETS
F13	131

GENERAL STRUCTURAL NOTES

(APPLIES UNLESS NOTED OTHERWISE)

CODE:

2003 EDITION OF THE INTERNATIONAL BUILDING CODE (IBC) WITH STATE OF ALASKA AMENDMENTS.

DESIGN LOADS:

DECK LIVE LOAD ——— 20 PSF

WIND LOADS:
- BASIC WIND SPEED ——— 120 MPH
- EXPOSURE ——— B
- IMPORTANCE FACTOR ——— 1.0

SEISMIC LOADS:
- SEISMIC DESIGN CATEGORY ——— 1.0
- BUILDING CATEGORY ——— I
- IMPORTANCE FACTOR ——— 1.0
- SITE CLASSIFICATION ——— D

STRUCTURAL SYSTEM:
CANTILEVERED
- R: 2.5
- Ω_0: 2.0
- C_p: 2.5
- S_S: 0.26
- S_1: 0.18
- BASE SHEAR COEFFICIENT ——— $v = 0.11W$

CONCRETE:

TYPICAL CONCRETE COMPRESSIVE STRENGTHS		
CONCRETE	MINIMUM 28 DAY COMPRESSIVE STRENGTH	SLUMP AT PLACEMENT
UNLESS NOTED OTHERWISE, ALL CONCRETE SHALL BE	2,500 PSI	4 1/2" MAXIMUM

CONCRETE WORK SHALL CONFORM TO ALL REQUIREMENTS OF ACI 301, " SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS" AND ACI 318, "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE". MECHANICALLY VIBRATE ALL CONCRETE WHEN PLACED.

MISCELLANEOUS STEEL:

TYPICAL STEEL STRENGTHS
PLATES, BARS, ANGLE CHANNELS ——— ASTM A36 (Fy = 36 KSI)

LATEST AISC AND AWS CODES APPLY. ALL CONSTRUCTION PER LATEST AISC HANDBOOK. ALL BOLTS SHALL BE INSTALLED WITH STEEL WASHERS.

WOOD (LRFD):

TYPICAL MINIMUM WOOD PROPERTIES					
MEMBER	Fb (PSI)	Fv (PSI)	E (PSI)	Fc (PSI)	SPECIES AND GRADE
JOISTS,/BEAMS 2" – 4" THICK	2,160	220	1,300,000	3,000	TREATED HEM FIR #2
POSTS & TIMBERS 5"X5" & LARGER	1,330	200	1,100,000	900	TREATED HEM FIR #2

FRAMING LUMBER SHALL COMPLY WITH THE LATEST EDITION OF THE GRADING RULES OF THE WESTERN WOOD PRODUCTS ASSOCIATION. ALL WOOD PRODUCTS SHALL BE TREATED (ALL WEATHER WOOD) FOR GROUND CONTACT PER AWPA SPECIFICATIONS AND SHALL BE STAMPED WITH THE GRADE MARK OF AN APPROVED GRADING AGENCY. ALL FASTENERS AND HANGERS MUST BE STAINLESS STEEL OR G185, (1.85 OZ. OF ZINC PER SQUARE FOOT OF SURFACE AREA) WHEN STAINLESS STEEL IS NOT AVAILABLE.

GRATING:

MOLDED SQUARE MESH 1 1/2" SQ. GRID X 1 1/2" DEEP FIBERGLASS GRATING, GRITTED SURFACE, MEDIUM GRAY COLOR. SEAL EXPOSED ENDS AFTER FIELD CUTTING. LOAD CAPACITY 150 PSF.

TIMBER PILES:

TIMBER PILES SHALL BE WEST COAST DOUGLAS FIR IN CONFORMANCE WITH ASTM D-25, CLEAN PEELED OR ROUGH PEELED. ALL PILES TO BE PRESERVATIVE TREATED FOR CONTACT WITH SOIL. ALL FIELD CUTS IN TIMBER PILES TO BE PAINTED WITH A WOOD PRESERVATIVE.

SHOP DRAWINGS:

THE CONTRACTOR SHALL REVIEW, STAMP WITH HIS APPROVAL, DATE AND SIGN ALL SHOP DRAWINGS REQUIRED BY THE CONTRACT DOCUMENTS PRIOR TO SUBMITTING TO THE ENGINEER. AT THE TIME OF SUBMISSION, THE CONTRACTOR SHALL INFORM THE ENGINEER IN WRITING OF ANY DEVIATION IN THE SHOP DRAWINGS FROM THE REQUIREMENTS OF THE CONTRACT DOCUMENTS.

SPECIAL INSPECTIONS:

THE CONTRACTOR SHALL PERMIT THE OWNER TO ACCESS THE SITE TO PERFORM INSPECTIONS OF THE WORK AS THE WORK IS IN PROGRESS. THE OWNER WILL, AS A MINIMUM (NOT INCLUDING OTHER TRADES) INSPECT THE FOLLOWING OPERATIONS PER UBC SECTION 1701.5:

CONCRETE: DURING TAKING OF SPECIMENS AND PLACEMENT OF ALL CONCRETE. SEE PROJECT SPECIFICATIONS FOR FREQUENCY OF TESTING AND STRENGTH REQUIREMENTS.

BOLTS INSTALLED IN WOOD: PRIOR TO AND DURING THE PLACEMENT OF LAGS OR THROUGH BOLTS.

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH:
I:\823400\Dwgs\S\sheets\823400_F14.dwg

Tue, 03/Oct/06 10:47AM bhopper
TAB: Layout1

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

KETCHIKAN AIRPORT
RUNWAY SAFETY AREA EXPANSION
& RUNWAY OVERLAY
PROJECT NO. 68306

GENERAL STRUCTURAL NOTES

PREPARED BY: USKH INC.

CHECKED BY: BEH

STATE OF ALASKA
49TH
Bruce E. Hepper
CE-7745
REGISTERED PROFESSIONAL ENGINEER

DESIGNED BY: BEH

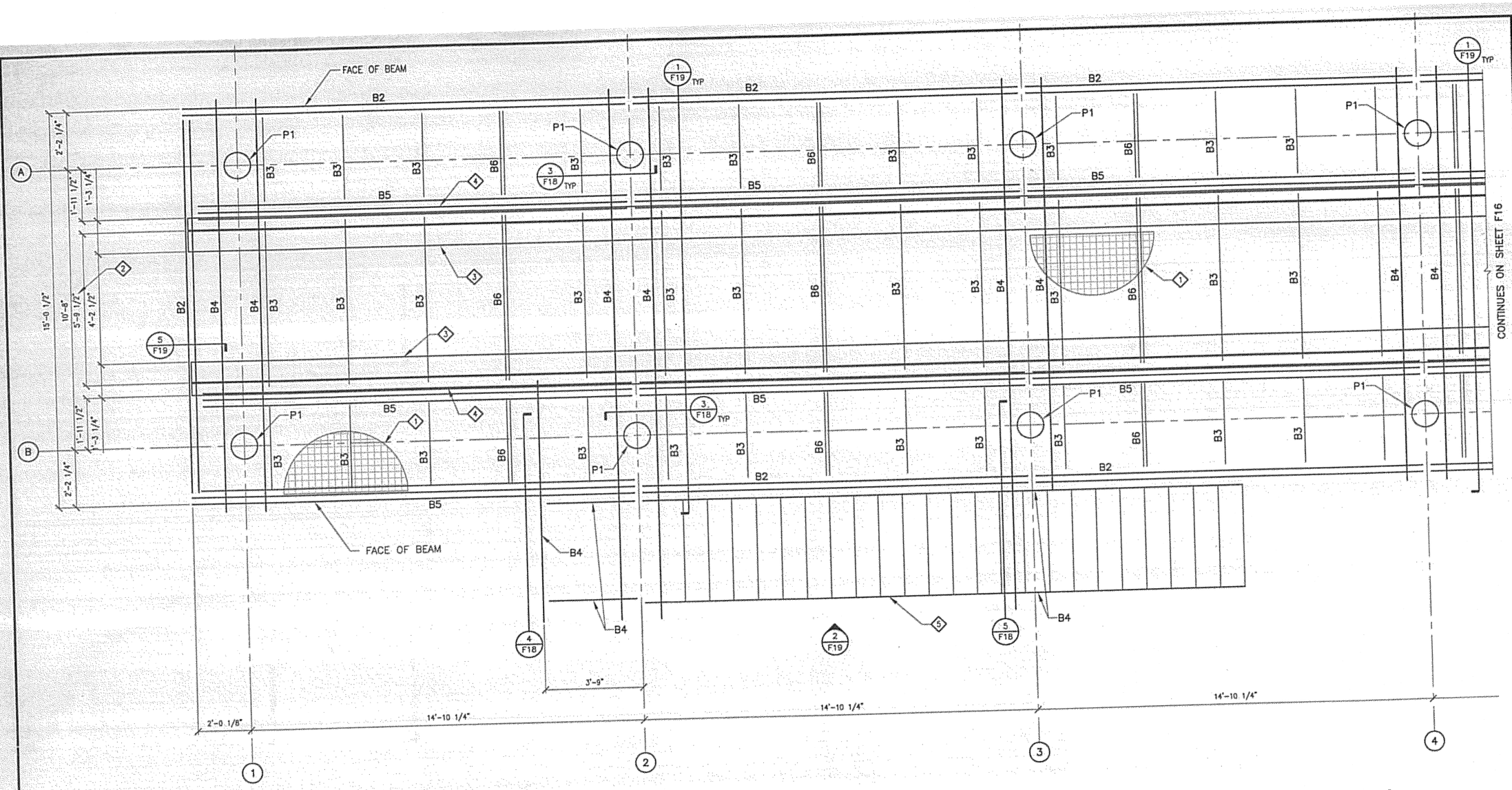
DRAWN BY: DJR

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
DESIGN & ENGINEERING SERVICES
DIVISION–SOUTHEAST REGION

GENERAL STRUCTURAL NOTES

PROJECT DESIGNATION
AIP NO. 3-02-0144-6106

STATE	YEAR
ALASKA	2006
SHEET NUMBER	TOTAL SHEETS
F14	131



1 / F15 PARTIAL ANTENNA PLATFORM FRAMING PLAN

SCALE: 1/2" = 1'-0"

SCALE 1/2":1'-0" 0 1 2 3

PILE (P) SCHEDULE			
MARK	SIZE	BASE CONNECTION	REMARKS
P1	36" MINIMUM TIP CIRCUMFERENCE, TREATED ROUND TIMBER	SEE DETAILS	INSTALL BUTT END DOWN. LENGTHS VARY.

BEAM (B) SCHEDULE			
MARK	BEAM SIZE	END CONNECTION	REMARKS
B1	2 X 12 ALL WEATHER WOOD	SEE DETAILS	———
B2	(2) 2 X 12 ALL WEATHER WOOD	SEE DETAILS	———
B3	2 X 8 ALL WEATHER WOOD	SEE DETAILS	AT 36" O.C.
B4	4 X 12 ALL WEATHER WOOD	SEE DETAILS	———
B5	(3) 2 x 12 ALL WEATHER WOOD	SEE DETAILS	———
B6	(2) 2 x 8 ALL WEATHER WOOD	SEE DETAILS	———

KEY NOTES

1. FIBERGLASS GRATING. SEE DETAIL 6/F18 FOR ATTACHMENT.
2. CRITICAL DIMENSION FOR LOCALIZER ANTENNA INSTALLATION. DO NOT ALTER.
3. 2 X 10 TREATED WOOD LAID FLAT AT GRATING ELEVATION.
4. 2 X 6 TREATED WOOD LAID FLAT AT GRATING ELEVATION.
5. STAIRS, THE NUMBER OF RISERS WILL VARY DEPENDING ON FINAL GRADING. ADJUST IN FIELD AS NECESSARY.

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: I:\823400\Dwgs\S\sheets\823400_F15.dwg
Mon, 02/Oct/06 10:32AM bhopper
TAB: Layout1

ADDENDUM NUMBER
ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

KETCHIKAN AIRPORT
RUNWAY SAFETY AREA EXPANSION
& RUNWAY OVERLAY
PROJECT NO. 68306

ANTENNA PLATFORM PARTIAL FRANUNG PLAN

PREPARED BY: USKH INC.

CHECKED BY: BEH

STATE OF ALASKA 49TH Bruce E. Hopper CE-7745 REGISTERED PROFESSIONAL ENGINEER

DESIGNED BY: BEH

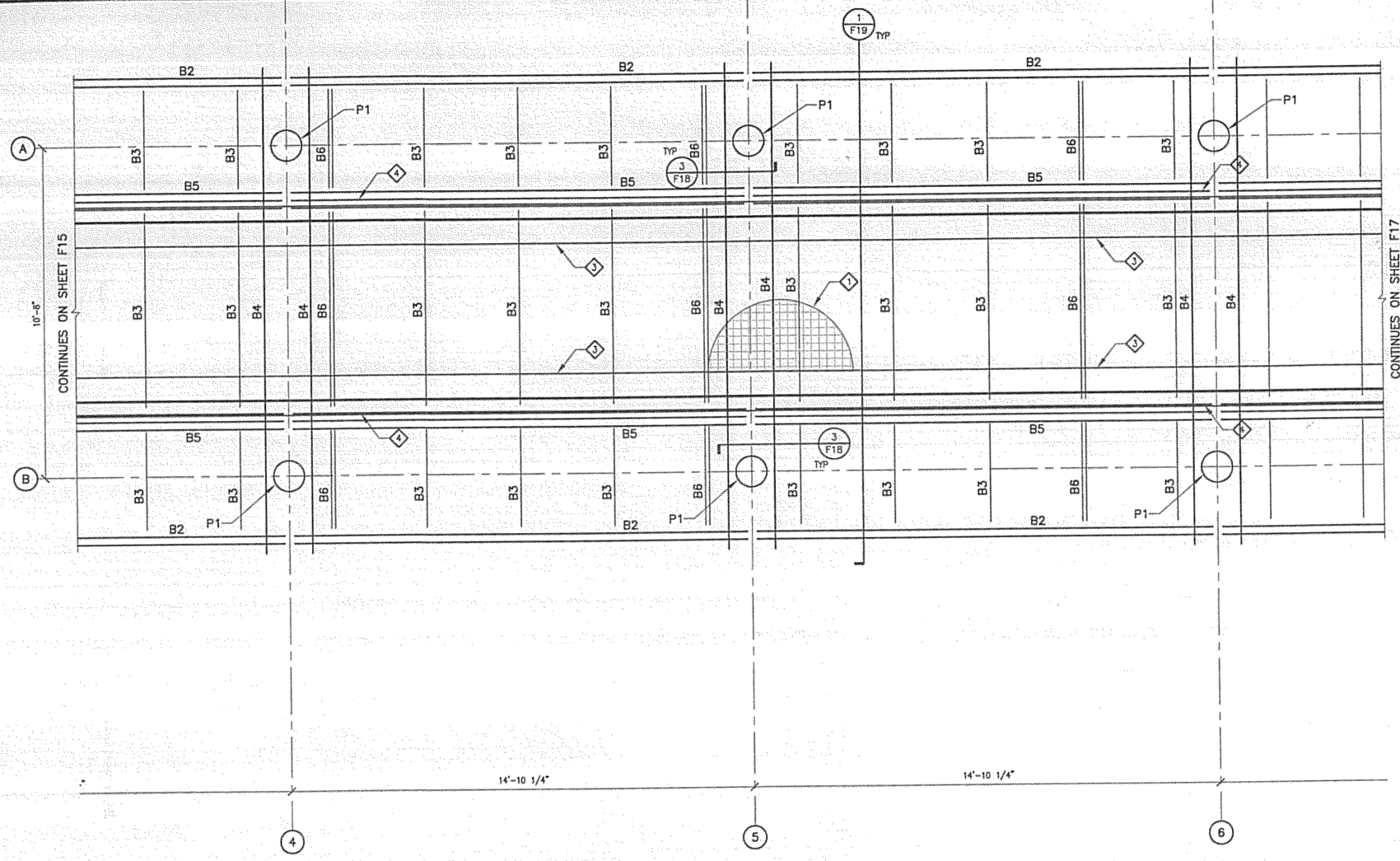
DRAWN BY: DJR

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
DESIGN & ENGINEERING SERVICES
DIVISION–SOUTHEAST REGION

ANTENNA PLATFORM PARTIAL FRAMING PLAN

PROJECT DESIGNATION
AIP NO. 3-02-0144-610

STATE	YEAR
ALASKA	2006
SHEET NUMBER	TOTAL SHEE
F15	131



1 / F16 PARTIAL ANTENNA PLATFORM FRAMING PLAN

SCALE: 1/2" = 1'-0"

SCALE 1/2":1'-0" 0 1 2 3

PILE (P) SCHEDULE			
MARK	SIZE	BASE CONNECTION	REMARKS
P1	38" MINIMUM TIP CIRCUMFERENCE, TREATED ROUND TIMBER	SEE DETAILS	INSTALL BUTT END DOWN. LENGTHS VARY.

BEAM (B) SCHEDULE			
MARK	BEAM SIZE	END CONNECTION	REMARKS
B1	2 X 12 ALL WEATHER WOOD	SEE DETAILS	———
B2	(2) 2 X 12 ALL WEATHER WOOD	SEE DETAILS	———
B3	2 X 8 ALL WEATHER WOOD	SEE DETAILS	AT 36" O.C.
B4	4 X 12 ALL WEATHER WOOD	SEE DETAILS	———
B5	(3) 2 x 12 ALL WEATHER WOOD	SEE DETAILS	———
B6	(2) 2 x 8 ALL WEATHER WOOD	SEE DETAILS	———

KEY NOTES

1. FIBERGLASS GRATING. SEE DETAIL 6/F18 FOR ATTACHMENT.
2. CRITICAL DIMENSION FOR LOCALIZER ANTENNA INSTALLATION. DO NOT ALTER.
3. 2 X 10 TREATED WOOD LAID FLAT AT GRATING ELEVATION.
4. 2 X 6 TREATED WOOD LAID FLAT AT GRATING ELEVATION.
5. STAIRS, THE NUMBER OF RISERS WILL VARY DEPENDING ON FINAL GRADING. ADJUST IN FIELD AS NECESSARY.

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: I:\B23400\Dwgs\S\sheets\B23400_F16.dwg
Mon, 02/Oct/06 10:32AM bhopper
TAB: Layout1

ADDENDUM NUMBER
ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

KETCHIKAN AIRPORT
RUNWAY SAFETY AREA EXPANSION
& RUNWAY OVERLAY
PROJECT NO. 68306

ANTENNA PLATFORM PARTIAL FRAMING PLAN

PREPARED BY: USKH INC.

CHECKED BY: BEH

STATE OF ALASKA — 49TH — REGISTERED PROFESSIONAL ENGINEER
Bruce E. Hepper
CE-7745
10/02/06

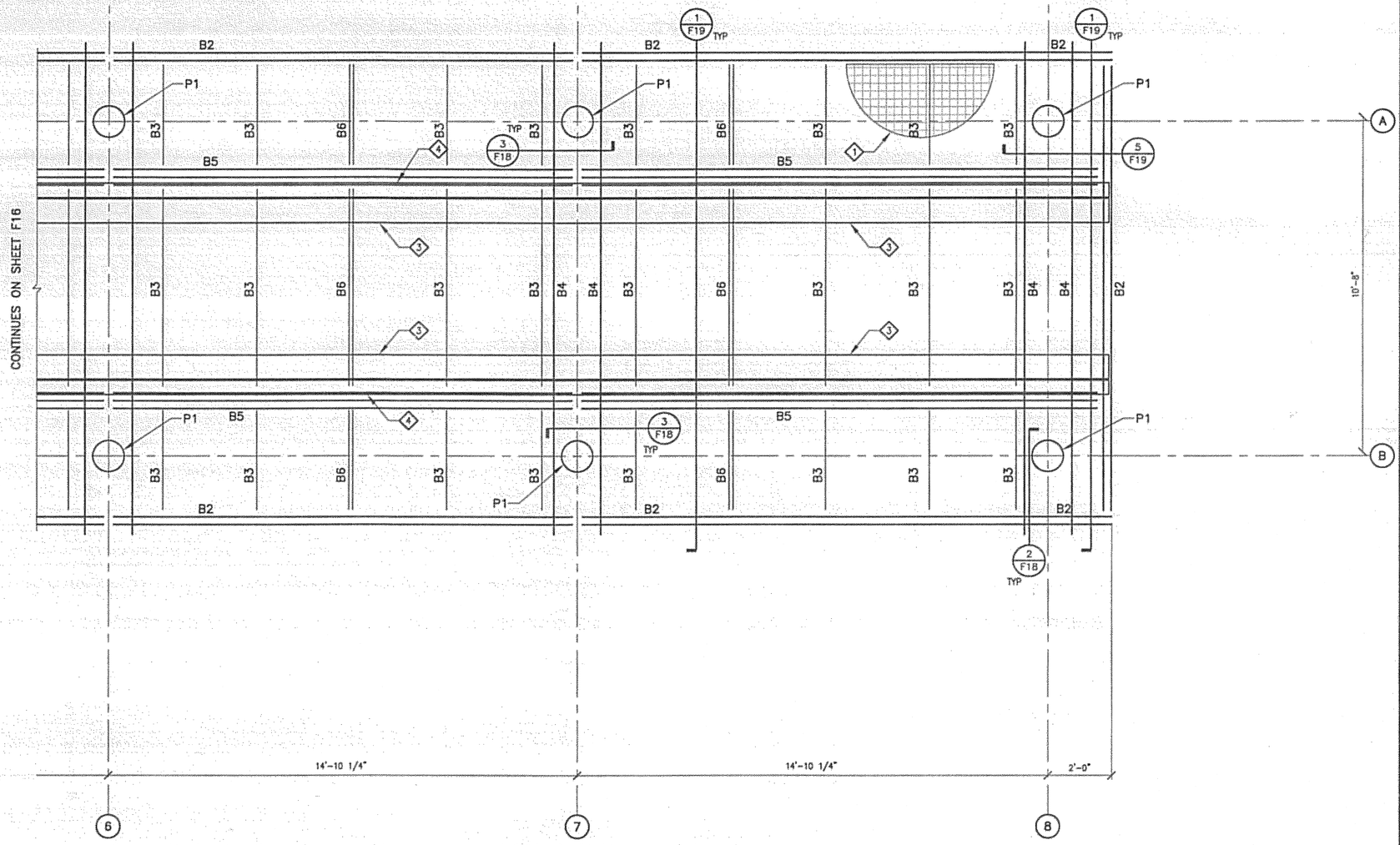
DESIGNED BY: BEH

DRAWN BY: DJR

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
DESIGN & ENGINEERING SERVICES
DIVISION–SOUTHEAST REGION

ANTENNA PLATFORM PARTIAL FRAMING PLAN

PROJECT DESIGNATION	
AIP NO. 3-02-0144-6106	
STATE	YEAR
ALASKA	2006
SHEET NUMBER	TOTAL SHEETS
F16	131



1 / F17 PARTIAL ANTENNA PLATFORM FRAMING PLAN
SCALE: 1/2" = 1'-0"

SCALE 1/2":1'-0" 0 1 2 3

PILE (P) SCHEDULE			
MARK	SIZE	BASE CONNECTION	REMARKS
P1	38" MINIMUM TIP CIRCUMFERENCE, TREATED ROUND TIMBER	SEE DETAILS	INSTALL BUTT END DOWN. LENGTHS VARY.

BEAM (B) SCHEDULE			
MARK	BEAM SIZE	END CONNECTION	REMARKS
B1	2 X 12 ALL WEATHER WOOD	SEE DETAILS	———
B2	(2) 2 X 12 ALL WEATHER WOOD	SEE DETAILS	———
B3	2 X 8 ALL WEATHER WOOD	SEE DETAILS	AT 36" O.C.
B4	4 X 12 ALL WEATHER WOOD	SEE DETAILS	———
B5	(3) 2 x 12 ALL WEATHER WOOD	SEE DETAILS	———
B6	(2) 2 x 8 ALL WEATHER WOOD	SEE DETAILS	———

KEY NOTES

1. FIBERGLASS GRATING. SEE DETAIL 6/F18 FOR ATTACHMENT.
2. CRITICAL DIMENSION FOR LOCALIZER ANTENNA INSTALLATION. DO NOT ALTER.
3. 2 X 10 TREATED WOOD LAID FLAT AT GRATING ELEVATION.
4. 2 X 6 TREATED WOOD LAID FLAT AT GRATING ELEVATION.
5. STAIRS, THE NUMBER OF RISERS WILL VARY DEPENDING ON FINAL GRADING. ADJUST IN FIELD AS NECESSARY.

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: I:\823400\Dwgs\S\sheets\823400_F17.dwg
Mon, 02/Oct/06 10:31AM bhopper
TAB: Layout1

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

KETCHIKAN AIRPORT
RUNWAY SAFETY AREA EXPANSION
& RUNWAY OVERLAY
PROJECT NO. 68306

ANTENNA PLATFORM PARTIAL FRAMING PLAN

PREPARED BY: USKH INC.

CHECKED BY: BEH

STATE OF ALASKA 49TH REGISTERED PROFESSIONAL ENGINEER Bruce E. Hopper CE-7745 10/31/06

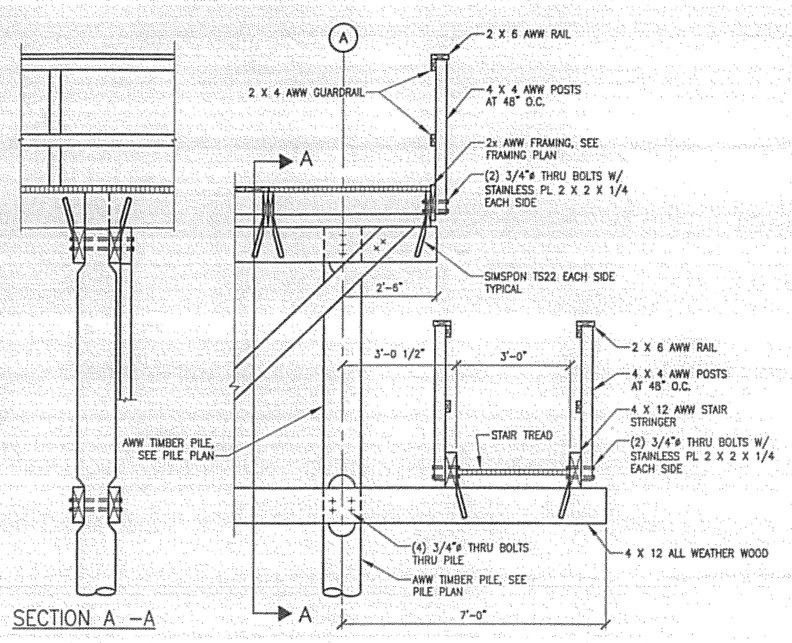
DESIGNED BY: BEH

DRAWN BY: DJR

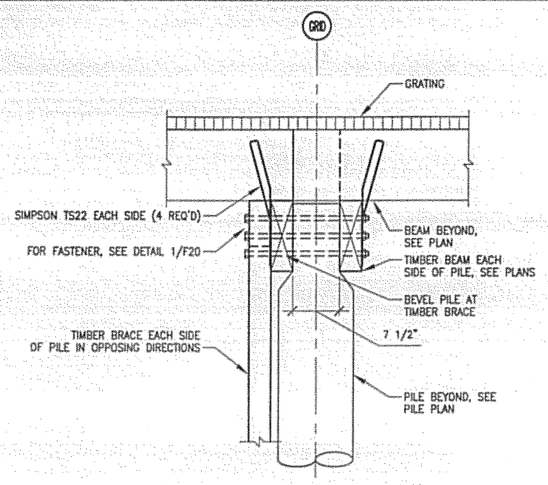
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
DESIGN & ENGINEERING SERVICES
DIVISION-SOUTHEAST REGION

ANTENNA PLATFORM PARTIAL FRAMING PLAN

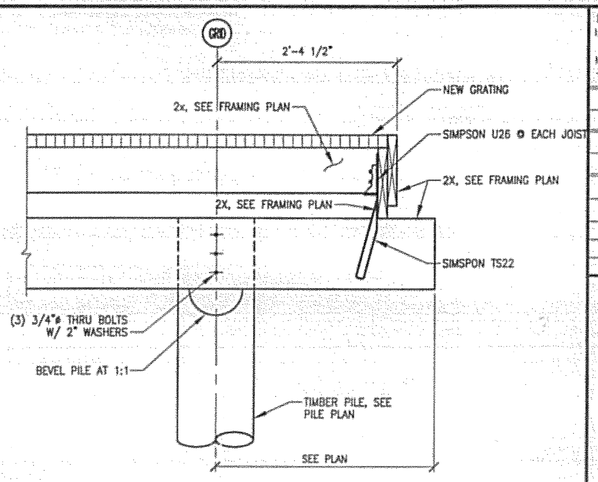
PROJECT DESIGNATION	
AIP NO. 3-02-0144-6106	
STATE	YEAR
ALASKA	2006
SHEET NUMBER	TOTAL SHEETS
F17	131



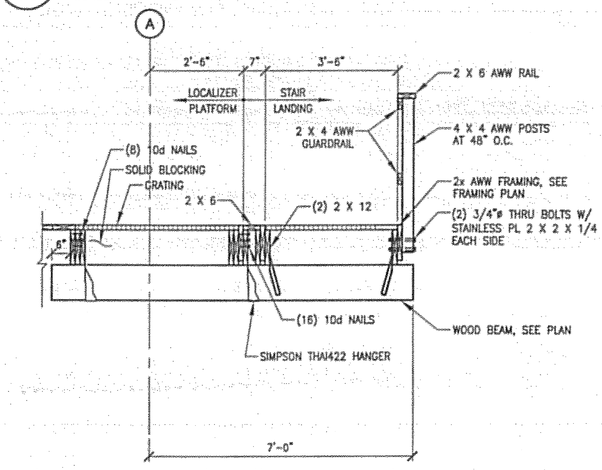
5 F18 INTERMEDIATE STAIR SUPPORT
SCALE: 1/2"=1'-0"



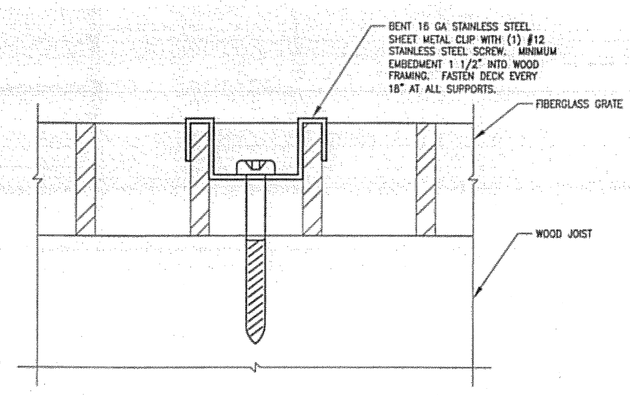
3 F18 TYPICAL BRACE AT PILE
SCALE: 1"=1'-0"



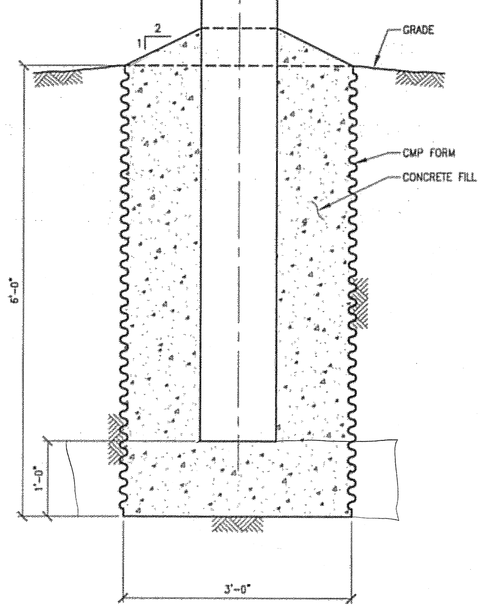
1 F18 FRAMING AT TOP OF PILE
SCALE: 1"=1'-0"



4 F18 FRAMING AT STAIR LANDING
SCALE: 1/2"=1'-0"



6 F18 GRATE ATTACHMENT
SCALE: 1'-0"=1'-0"



2 F18 TYPICAL PILE INSTALLATION
SCALE: 1"=1'-0"

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: I:\823400\Dwgs\S\sheets\823400_F18.dwg
Mon, 02/Oct/06 10:30AM bhopper
TAB: Layout1

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

KETCHIKAN AIRPORT
RUNWAY SAFETY AREA EXPANSION
& RUNWAY OVERLAY
PROJECT NO. 68306

STRUCTURAL DETAILS

PREPARED BY: USKH INC.

CHECKED BY: BEH

STATE OF ALASKA
Bruce E. Hopper
CE-7745
10/01/06
REGISTERED PROFESSIONAL ENGINEER

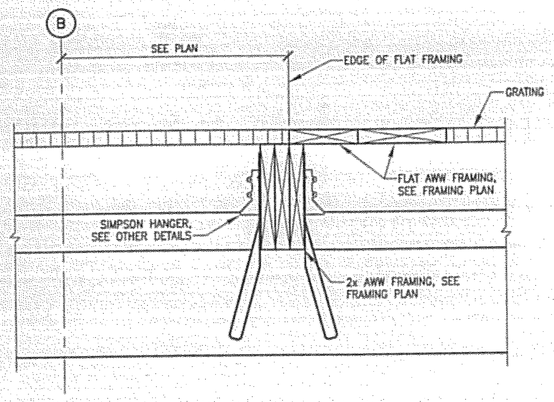
DESIGNED BY: BEH

DRAWN BY: DJR

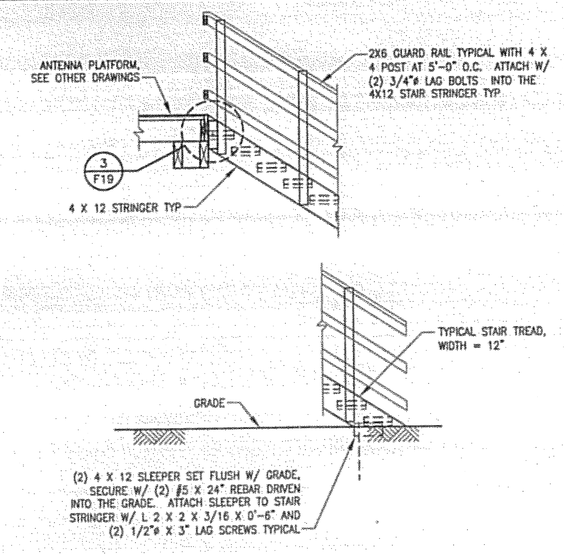
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
DESIGN & ENGINEERING SERVICES
DIVISION-SOUTHEAST REGION

STRUCTURAL DETAILS

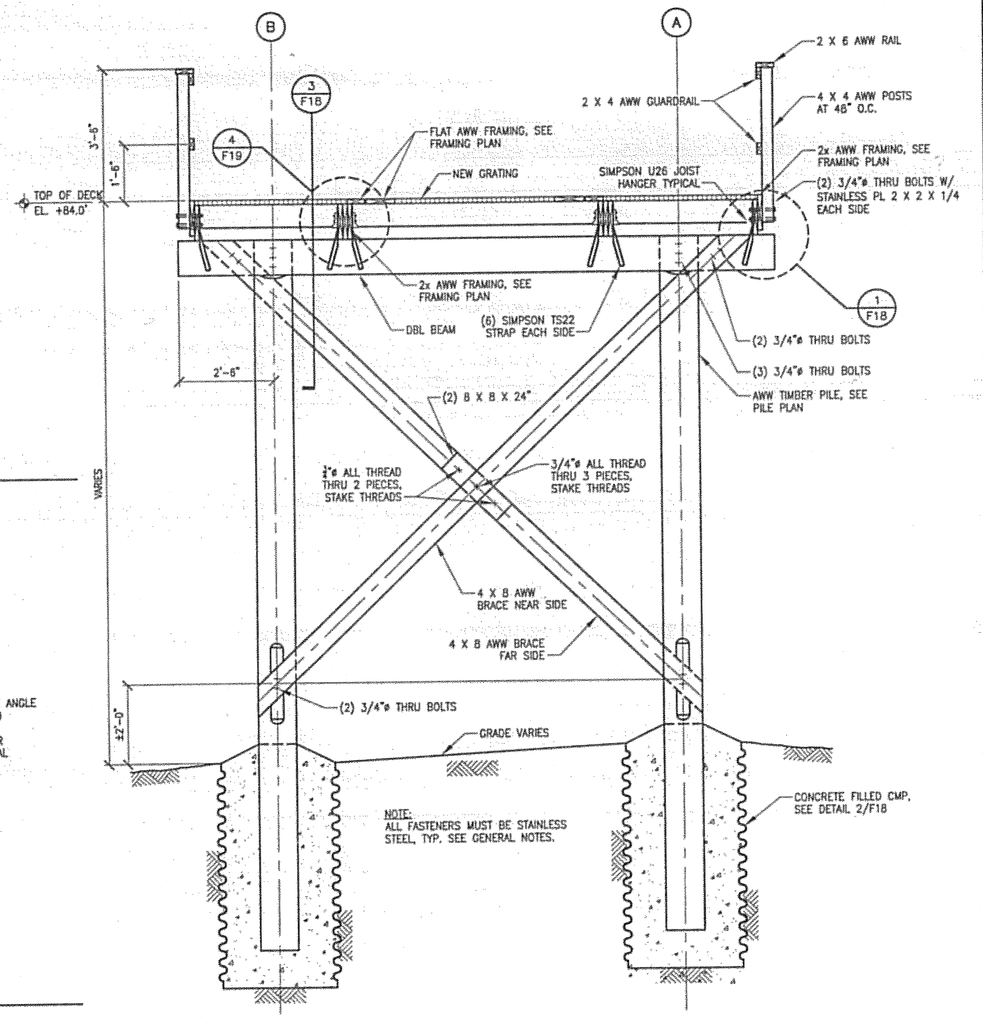
PROJECT DESIGNATION	
AIP NO. 3-02-0144-6106	
STATE	YEAR
ALASKA	2006
SHEET NUMBER	TOTAL SHEETS
F18	131



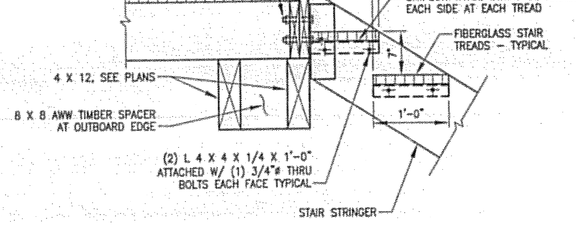
4 / F19 DOUBLE JOISTS AT FLAT FRAMING
SCALE: 1 1/2"=1'-0"



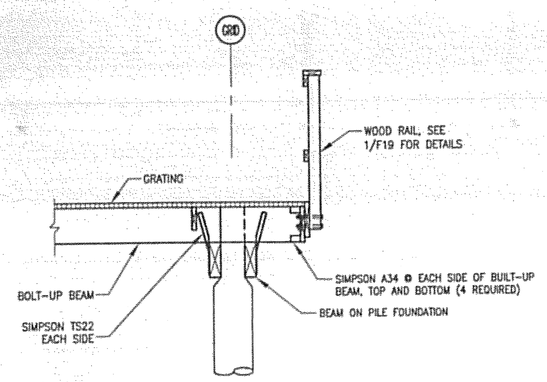
2 / F19 STAIR ELEVATOIN
SCALE: 1"=1'-0"



1 / F19 TYPICAL PLATFORM SECTION
SCALE: 1/2"=1'-0"



3 / F19 STAIR STRINGER ATTACHMENT
SCALE: 1"=1'-0"



5 / F19 DECK CLOSURE
SCALE: 1/2"=1'-0"

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: I:\823400\Dwgs\S\sheets\823400_F19.dwg
Mon, 02/Oct/06 10:46AM bhopper
TAB: Layout1

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

KETCHIKAN AIRPORT
RUNWAY SAFETY AREA EXPANSION
& RUNWAY OVERLAY
PROJECT NO. 68306

STRUCTURAL DETAILS

PREPARED BY: USKH INC.

CHECKED BY: BEH

STATE OF ALASKA 49TH Bruce E. Hopper CE-7745 10/01/06 REGISTERED PROFESSIONAL ENGINEER

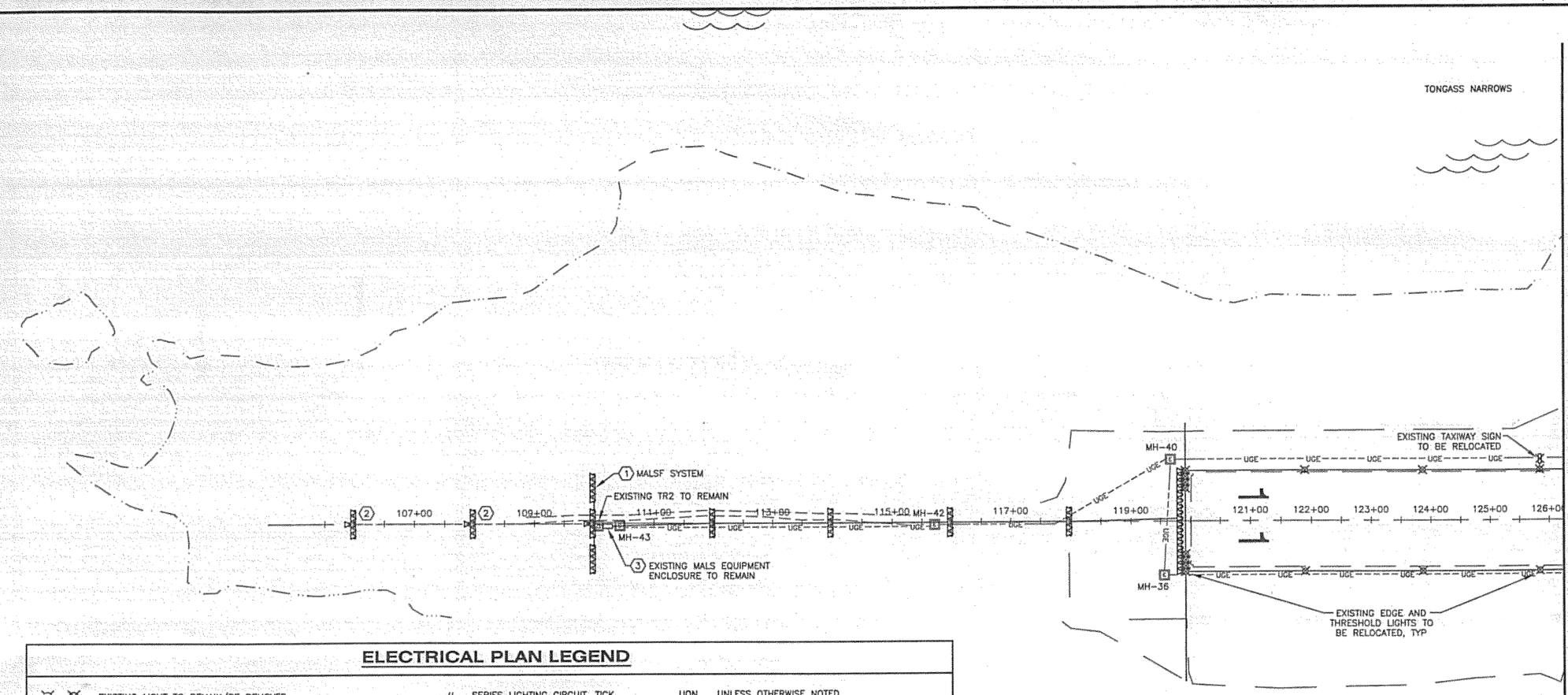
DESIGNED BY: BEH

DRAWN BY: DJR

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
DESIGN & ENGINEERING SERVICES
DIVISION–SOUTHEAST REGION

STRUCTURAL DETAILS

PROJECT DESIGNATION	
AIP NO. 3-02-0144-6106	
STATE	YEAR
ALASKA	2006
SHEET NUMBER	TOTAL SHEETS
F19	131



ELECTRICAL PLAN LEGEND

- EXISTING LIGHT TO REMAIN/BE REMOVED
- RUNWAY EDGE LIGHT, 360° WHITE
- RUNWAY EDGE LIGHT, 180° WHITE AND 180° YELLOW
- THRESHOLD LIGHT, 180° RED AND 180° GREEN
- TAXIWAY EDGE LIGHT, 360° BLUE
- EXISTING LIGHTED AIRPORT SIGN TO REMAIN/BE REMOVED
- NEW LIGHTED AIRPORT SIGN
- GROUND ROD, 3/4"x10' TYPICAL
- NEW HANDHOLE (HH), TYPE I (LIGHT BASE WITH BLANK COVER)
- EXISTING ELECTRICAL MANHOLE TO REMAIN/BE REMOVED
- EXISTING COMMUNICATIONS PEDESTAL TO REMAIN/BE REMOVED
- NEW ELECTRICAL MANHOLE
- NEW COMMUNICATIONS PEDESTAL, JUNCTION BOX (TYPE II), OR MANHOLE AS INDICATED
- EXISTING TRANSFORMER TO REMAIN/BE REMOVED
- NEW TRANSFORMER OR EXISTING TRANSFORMER TO BE RELOCATED
- NEW SECTIONALIZER CABINET
- JUNCTION BOX, TYPE II, SEE DOT STANDARD DETAIL L-23.01
- BRANCH CIRCUIT HOMERUN WITH GROUND, NEUTRAL AND NUMBER OF HOT WIRES
- T-2 INDICATES PANEL AND CIRCUIT NUMBER
- EXISTING PRIMARY UNDERGROUND ELECTRICAL LINE TO REMAIN/BE REMOVED
- EXISTING UNDERGROUND COMMUNICATIONS LINE TO REMAIN/BE REMOVED
- NEW PRIMARY UNDERGROUND ELECTRICAL LINE
- NEW UNDERGROUND COMMUNICATIONS LINE
- MALS SYSTEM LIGHT BAR
- MALS SYSTEM FLASHER OR THRESHOLD LIGHT
- SERIES LIGHTING CIRCUIT, TICK MARKS INDICATE NUMBER OF #8 5KV SERIES CONDUCTORS IN 2" HDPE CONDUIT (2 SHOWN), INCLUDE #6 GROUND CONDUCTOR (NOT SHOWN), TICK MARKS NOT SHOWN ON SHORT SEGMENTS FOR CLARITY
- SERIES LIGHTING CIRCUIT, TICK MARKS INDICATE NUMBER OF #8 5KV SERIES CONDUCTORS IN 2" RIGID STEEL CONDUIT (2 SHOWN), INCLUDE #6 GROUND CONDUCTOR (NOT SHOWN), TICK MARKS NOT SHOWN ON SHORT SEGMENTS FOR CLARITY

EQUIPMENT NUMBER
- EX TAXIWAY/RUNWAY EDGE LIGHT
- SX LIGHTED SIGN
- MH-X MANHOLE
- S-X SECTIONALIZER CABINET
- JB-X JUNCTION BOX
- P-X PEDESTAL
- P-X PEDESTAL

(X) REFERENCE TO SHEET NOTE

LIGHT COLORS AND DISTRIBUTIONS
- B BLUE
- Y YELLOW
- R RED
- G GREEN
- W WHITE
- BI BI-DIRECTIONAL
- UNI UNI-DIRECTIONAL
- OMNI OMNI-DIRECTIONAL

- UON UNLESS OTHERWISE NOTED
- EMT ELECTRICAL METALLIC TUBING
- RMC RIGID METALLIC CONDUIT (GALVANIZED STEEL)
- HDPE HIGH DENSITY POLYETHYLENE
- PVC POLYVINYL CHLORIDE
- LFMC LIQUIDTIGHT FLEXIBLE METALLIC CONDUIT
- LFNC LIQUIDTIGHT FLEXIBLE NONMETALLIC CONDUIT
- C CONDUIT
- BC BARE COPPER
- TYP TYPICAL
- GRD GROUND
- CB CIRCUIT BREAKER
- NF NON-FUSED
- NDB NON-DIRECTIONAL BEACON
- PAPI PRECISION APPROACH PATH INDICATOR
- LHA LIGHT HOUSING ASSEMBLY
- MALSR MEDIUM INTENSITY APPROACH LIGHTING SYSTEM WITH RUNWAY ALIGNMENT INDICATOR LIGHTS
- MALSF MEDIUM INTENSITY APPROACH LIGHTING WITH SEQUENCED FLASHERS
- ASOS AUTOMATED SURFACE OBERVING SYSTEM
- RVR RUNWAY VISUAL RANGE
- VASI VISUAL APPROACH SLOPE INDICATOR
- RCO RADIO COMMUNICATIONS OUTLET
- DME DISTANCE MEASURING EQUIPMENT

DEMOLITION NOTES:

1. REMOVE EQUIPMENT INDICATED ON DEMOLITION PLANS UNLESS OTHERWISE NOTED. REMOVAL INCLUDES ALL ASSOCIATED CONDUIT, JUNCTION BOXES, CONDUCTORS, LIGHT BASES, TRANSFORMERS, CONTROLLERS, DRAIN CONDUITS, SUPPORT STRUCTURES, FOUNDATIONS, AND CONCRETE.
2. REMOVE ALL UNUSED AND DECOMMISIONED CONDUCTORS UNLESS OTHERWISE INDICATED. UNDERGROUND CONDUITS MAY BE ABANDONED IN PLACE UNLESS DISTURBED BY EXCAVATION ASSOCIATED WITH THIS PROJECT.
3. WHEN REMOVING CONDUCTORS FROM EXISTING CONDUIT TO REMAIN, INSTALL A PULL ROPE FOR FUTURE USE.

SHEET NOTES: ⬡

1. REMOVE EXISTING MALSF SYSTEM, EXCEPT PORTIONS INDICATED OTHERWISE. EXISTING TOWERS, LIGHT BARS, FLASHERS, JUNCTION BOXES, AND BASE ASSEMBLIES TO BE REUSED. PROTECT AND STORE EQUIPMENT UNTIL REINSTALLED.
2. EXISTING TOWER PLATFORM, TOWER, CONDUIT, JUNCTION BOXES, AND FLASHERS TO REMAIN. REMOVE ALL ASSOCIATED CONDUCTORS. REMOVE LIGHT BAR FROM TOWER.
3. EXISTING MALSF CONTROLS TO REMAIN. REMOVE ALL MALSF CONDUCTORS LEAVING BUILDING. EXISTING CONDUITS PENETRATING BUILDING TO BE REUSED.

0 100 200 300
SCALE IN FEET

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: I:\823400\Dwgs\E\Sheets\G01.dwg
Tue, 03/Oct/06 02:19PM lschneller
TAB: G01

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

KETCHIKAN AIRPORT
RUNWAY SAFETY AREA EXPANSION
& RUNWAY OVERLAY
PROJECT NO. 68306

ELECTRICAL DEMOLITION

PREPARED BY: USKH INC.

CHECKED BY: GRH

STATE OF ALASKA 49TH GARY R. HABLE EE-10243 REGISTERED PROFESSIONAL ENGINEER 10/4/06

DESIGNED BY: LPS

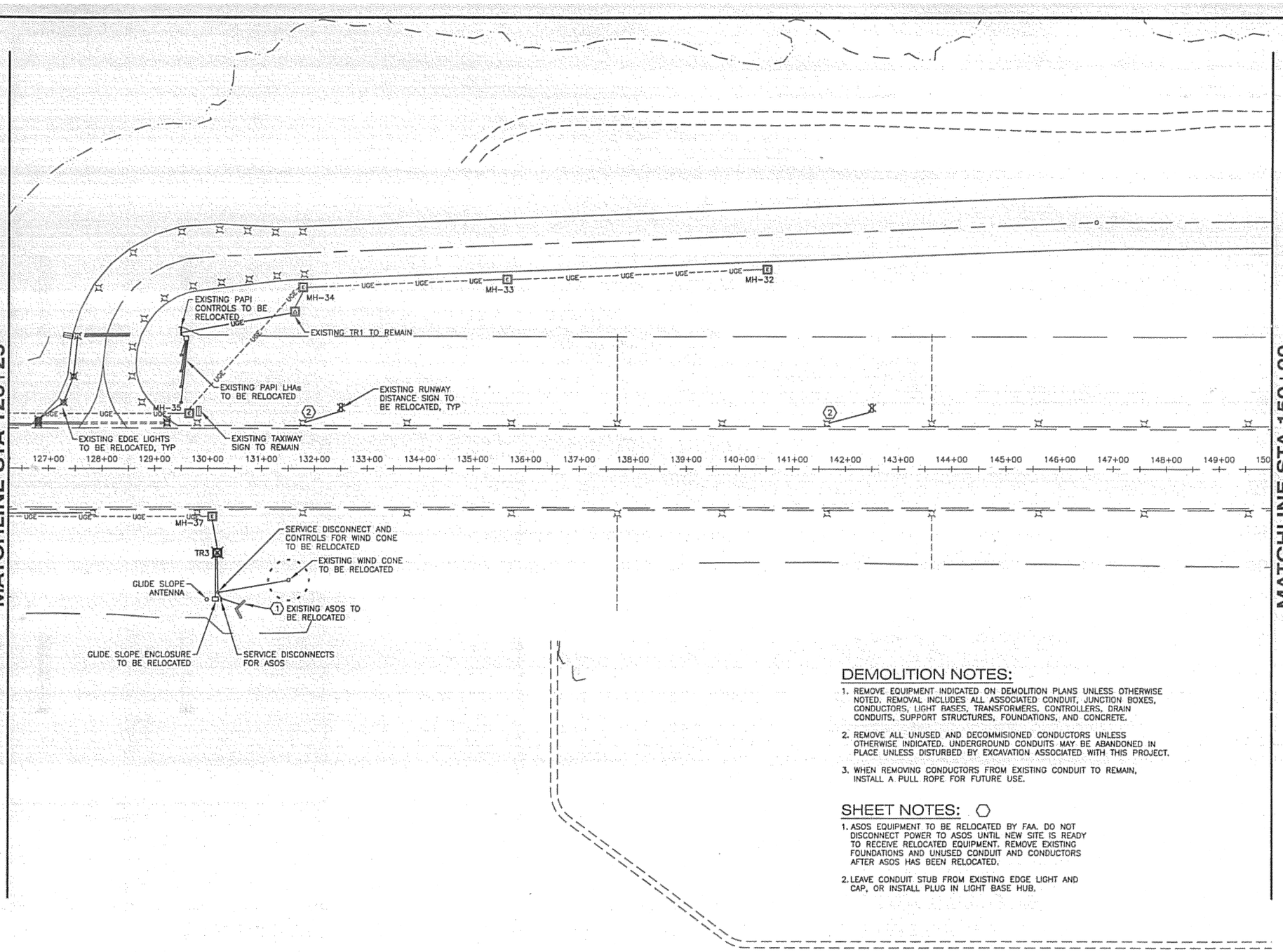
DRAWN BY: LPS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
DESIGN & ENGINEERING SERVICES DIVISION-SOUTHEAST REGION

ELECTRICAL DEMOLITION

PROJECT DESIGNATION	
AIP NO. 3-02-0144-1606	
STATE	YEAR
ALASKA	2006
SHEET NUMBER	TOTAL SHEETS
G1	131

See attached Electrical Asbuilts



DEMOLITION NOTES:

1. REMOVE EQUIPMENT INDICATED ON DEMOLITION PLANS UNLESS OTHERWISE NOTED. REMOVAL INCLUDES ALL ASSOCIATED CONDUIT, JUNCTION BOXES, CONDUCTORS, LIGHT BASES, TRANSFORMERS, CONTROLLERS, DRAIN CONDUITS, SUPPORT STRUCTURES, FOUNDATIONS, AND CONCRETE.
2. REMOVE ALL UNUSED AND DECOMMISIONED CONDUCTORS UNLESS OTHERWISE INDICATED. UNDERGROUND CONDUITS MAY BE ABANDONED IN PLACE UNLESS DISTURBED BY EXCAVATION ASSOCIATED WITH THIS PROJECT.
3. WHEN REMOVING CONDUCTORS FROM EXISTING CONDUIT TO REMAIN, INSTALL A PULL ROPE FOR FUTURE USE.

SHEET NOTES: ⬡

1. ASOS EQUIPMENT TO BE RELOCATED BY FAA. DO NOT DISCONNECT POWER TO ASOS UNTIL NEW SITE IS READY TO RECEIVE RELOCATED EQUIPMENT. REMOVE EXISTING FOUNDATIONS AND UNUSED CONDUIT AND CONDUCTORS AFTER ASOS HAS BEEN RELOCATED.
2. LEAVE CONDUIT STUB FROM EXISTING EDGE LIGHT AND CAP, OR INSTALL PLUG IN LIGHT BASE HUB.

0 100 200 300
SCALE IN FEET

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: I:\823400\Dwgs\E\Sheets\G02.dwg
Tue, 03/Oct/06 02:19PM lschneller
TAB: G02

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

KETCHIKAN AIRPORT
RUNWAY SAFETY AREA EXPANSION
& RUNWAY OVERLAY
PROJECT NO. 68306

ELECTRICAL DEMOLITION

PREPARED BY: USKH INC.

CHECKED BY: GRH

STATE OF ALASKA 49TH
GARY R. HABLE
EE-10243
REGISTERED PROFESSIONAL ENGINEER
10/4/06

DESIGNED BY: LPS

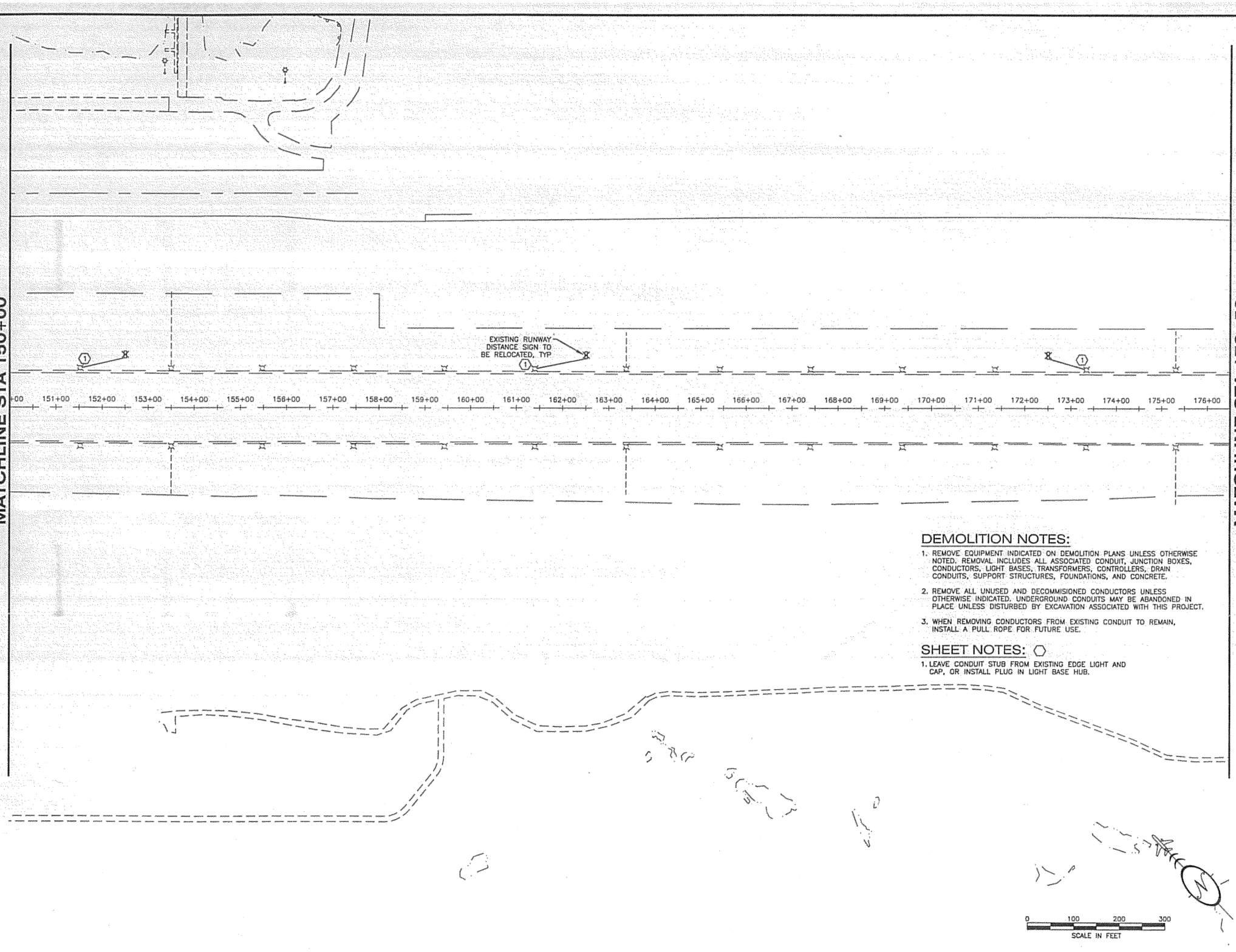
DRAWN BY: LPS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
DESIGN & ENGINEERING SERVICES
DIVISION-SOUTHEAST REGION

ELECTRICAL DEMOLITION

PROJECT DESIGNATION	
AIP NO. 3-02-0144-1606	
STATE	YEAR
ALASKA	2006
SHEET NUMBER	TOTAL SHEETS
G2	131

See attached Electrical Asbuilts



DEMOLITION NOTES:

1. REMOVE EQUIPMENT INDICATED ON DEMOLITION PLANS UNLESS OTHERWISE NOTED. REMOVAL INCLUDES ALL ASSOCIATED CONDUIT, JUNCTION BOXES, CONDUCTORS, LIGHT BASES, TRANSFORMERS, CONTROLLERS, DRAIN CONDUITS, SUPPORT STRUCTURES, FOUNDATIONS, AND CONCRETE.
2. REMOVE ALL UNUSED AND DECOMMISIONED CONDUCTORS UNLESS OTHERWISE INDICATED. UNDERGROUND CONDUITS MAY BE ABANDONED IN PLACE UNLESS DISTURBED BY EXCAVATION ASSOCIATED WITH THIS PROJECT.
3. WHEN REMOVING CONDUCTORS FROM EXISTING CONDUIT TO REMAIN, INSTALL A PULL ROPE FOR FUTURE USE.

SHEET NOTES: ⬡

1. LEAVE CONDUIT STUB FROM EXISTING EDGE LIGHT AND CAP, OR INSTALL PLUG IN LIGHT BASE HUB.

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH:
I:\823400\Dwgs\E\Sheets\G03.dwg

Tue, 03/Oct/06 02:19PM Ischneller
TAB: G03

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

KETCHIKAN AIRPORT
RUNWAY SAFETY AREA EXPANSION
& RUNWAY OVERLAY
PROJECT NO. 68306

ELECTRICAL DEMOLITION

PREPARED BY: USKH INC.

CHECKED BY: GRH

STATE OF ALASKA
49TH
GARY R. HABLE
EE-10243
REGISTERED PROFESSIONAL ENGINEER
10/4/06

DESIGNED BY: LPS

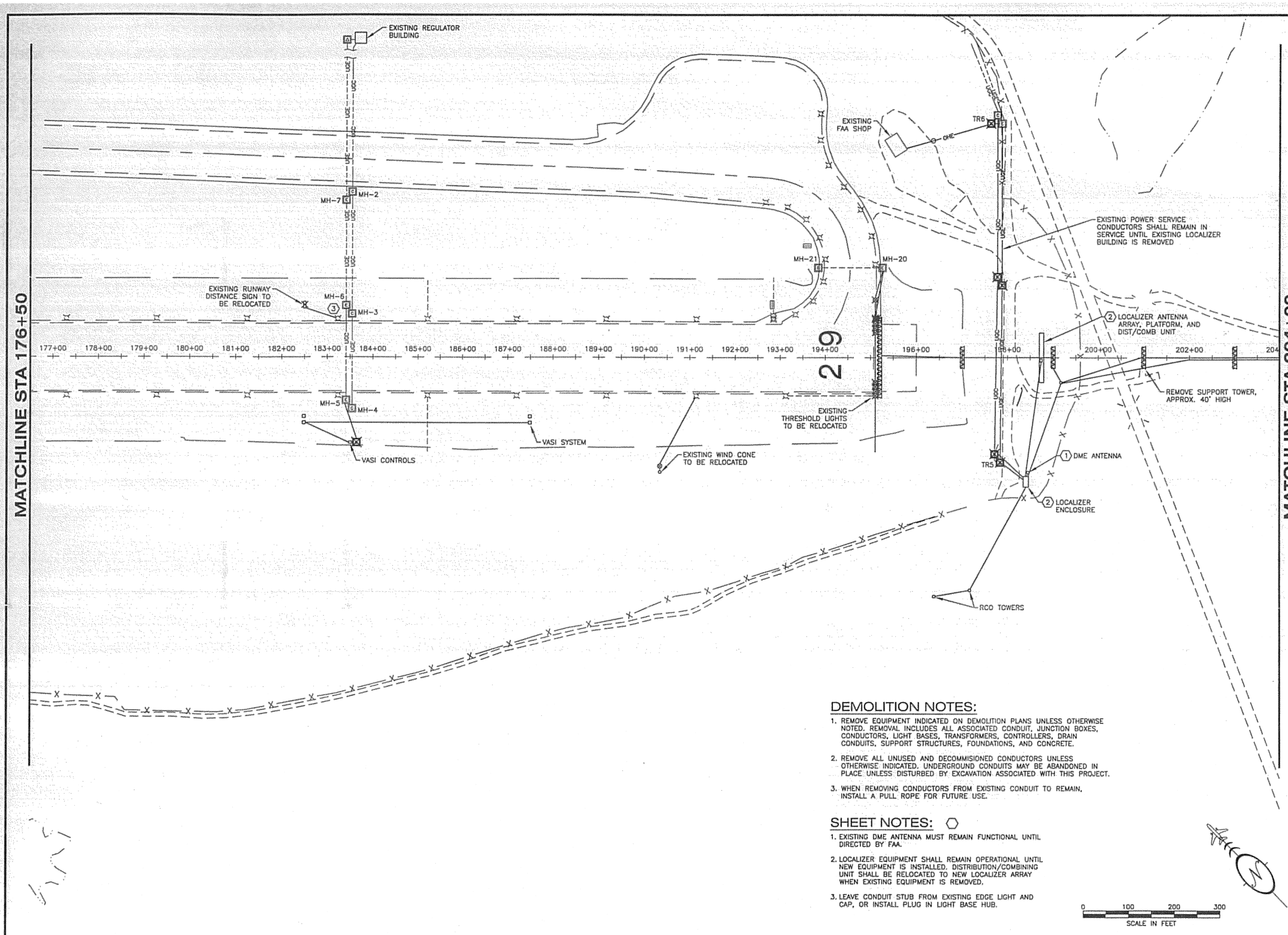
DRAWN BY: LPS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
DESIGN & ENGINEERING SERVICES
DIVISION--SOUTHEAST REGION

ELECTRICAL DEMOLITION

PROJECT DESIGNATION
AIP NO. 3-02-0144-1606

STATE	YEAR
ALASKA	2006
SHEET NUMBER	TOTAL SHEETS
G3	131



DEMOLITION NOTES:

1. REMOVE EQUIPMENT INDICATED ON DEMOLITION PLANS UNLESS OTHERWISE NOTED. REMOVAL INCLUDES ALL ASSOCIATED CONDUIT, JUNCTION BOXES, CONDUCTORS, LIGHT BASES, TRANSFORMERS, CONTROLLERS, DRAIN CONDUITS, SUPPORT STRUCTURES, FOUNDATIONS, AND CONCRETE.
2. REMOVE ALL UNUSED AND DECOMMISIONED CONDUCTORS UNLESS OTHERWISE INDICATED. UNDERGROUND CONDUITS MAY BE ABANDONED IN PLACE UNLESS DISTURBED BY EXCAVATION ASSOCIATED WITH THIS PROJECT.
3. WHEN REMOVING CONDUCTORS FROM EXISTING CONDUIT TO REMAIN, INSTALL A PULL ROPE FOR FUTURE USE.

SHEET NOTES: ⬡

1. EXISTING DME ANTENNA MUST REMAIN FUNCTIONAL UNTIL DIRECTED BY FAA.
2. LOCALIZER EQUIPMENT SHALL REMAIN OPERATIONAL UNTIL NEW EQUIPMENT IS INSTALLED. DISTRIBUTION/COMBINING UNIT SHALL BE RELOCATED TO NEW LOCALIZER ARRAY WHEN EXISTING EQUIPMENT IS REMOVED.
3. LEAVE CONDUIT STUB FROM EXISTING EDGE LIGHT AND CAP, OR INSTALL PLUG IN LIGHT BASE HUB.

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: I:\823400\Dwgs\E\Sheets\G04.dwg
Tue, 03/Oct/06 02:19PM lschneller
TAB: G04

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

KETCHIKAN AIRPORT
RUNWAY SAFETY AREA EXPANSION
& RUNWAY OVERLAY
PROJECT NO. 68306

ELECTRICAL DEMOLITION

PREPARED BY: USKH INC.

CHECKED BY: GRH

STATE OF ALASKA 49TH GARY R. HABLE EE-10243 REGISTERED PROFESSIONAL ENGINEER
10/4/06

DESIGNED BY: LPS

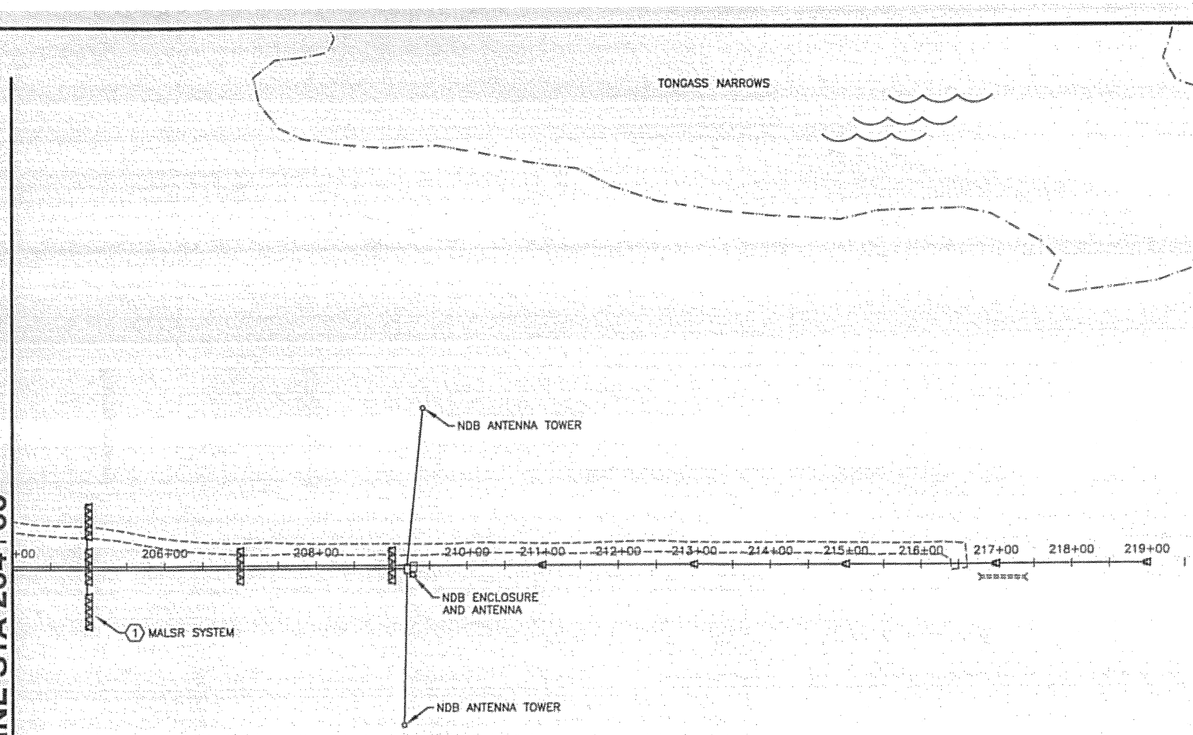
DRAWN BY: LPS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
DESIGN & ENGINEERING SERVICES
DIVISION-SOUTHEAST REGION

ELECTRICAL DEMOLITION

PROJECT DESIGNATION	
AIP NO. 3-02-0144-1606	
STATE	YEAR
ALASKA	2006
SHEET NUMBER	TOTAL SHEETS
G4	131

See attached Electrical Asbuilts



DEMOLITION NOTES:

1. REMOVE EQUIPMENT INDICATED ON DEMOLITION PLANS UNLESS OTHERWISE NOTED. REMOVAL INCLUDES ALL ASSOCIATED CONDUIT, JUNCTION BOXES, CONDUCTORS, LIGHT BASES, TRANSFORMERS, CONTROLLERS, DRAIN CONDUITS, SUPPORT STRUCTURES, FOUNDATIONS, AND CONCRETE.
2. REMOVE ALL UNUSED AND DECOMMISIONED CONDUCTORS UNLESS OTHERWISE INDICATED. UNDERGROUND CONDUITS MAY BE ABANDONED IN PLACE UNLESS DISTURBED BY EXCAVATION ASSOCIATED WITH THIS PROJECT.
3. WHEN REMOVING CONDUCTORS FROM EXISTING CONDUIT TO REMAIN, INSTALL A PULL ROPE FOR FUTURE USE.

SHEET NOTES:

1. REMOVE EXISTING MALSR SYSTEM. EXISTING TOWER BASE ASSEMBLIES TO BE REUSED. PROTECT AND STORE EQUIPMENT UNTIL REINSTALLED.

0 100 200 300
SCALE IN FEET

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: I:\823400\Dwgs\E\Sheets\G05.dwg
Tue, 03/Oct/06 02:19PM lschneller
TAB: G05

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

KETCHIKAN AIRPORT
RUNWAY SAFETY AREA EXPANSION & RUNWAY OVERLAY
PROJECT NO. 68306

ELECTRICAL DEMOLITION

PREPARED BY: USKH INC.

CHECKED BY: GRH

STATE OF ALASKA 49TH
GARY R. HABLE
EE-10243
REGISTERED PROFESSIONAL ENGINEER
10/4/06

DESIGNED BY: LPS

DRAWN BY: LPS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
DESIGN & ENGINEERING SERVICES
DIVISION-SOUTHEAST REGION

ELECTRICAL DEMOLITION

PROJECT DESIGNATION	
AIP NO. 3-02-0144-1606	
STATE	YEAR
ALASKA	2006
SHEET NUMBER	TOTAL SHEETS
G5	131

See attached Electrical Asbuilts