

AS BUILT

# State of Alaska

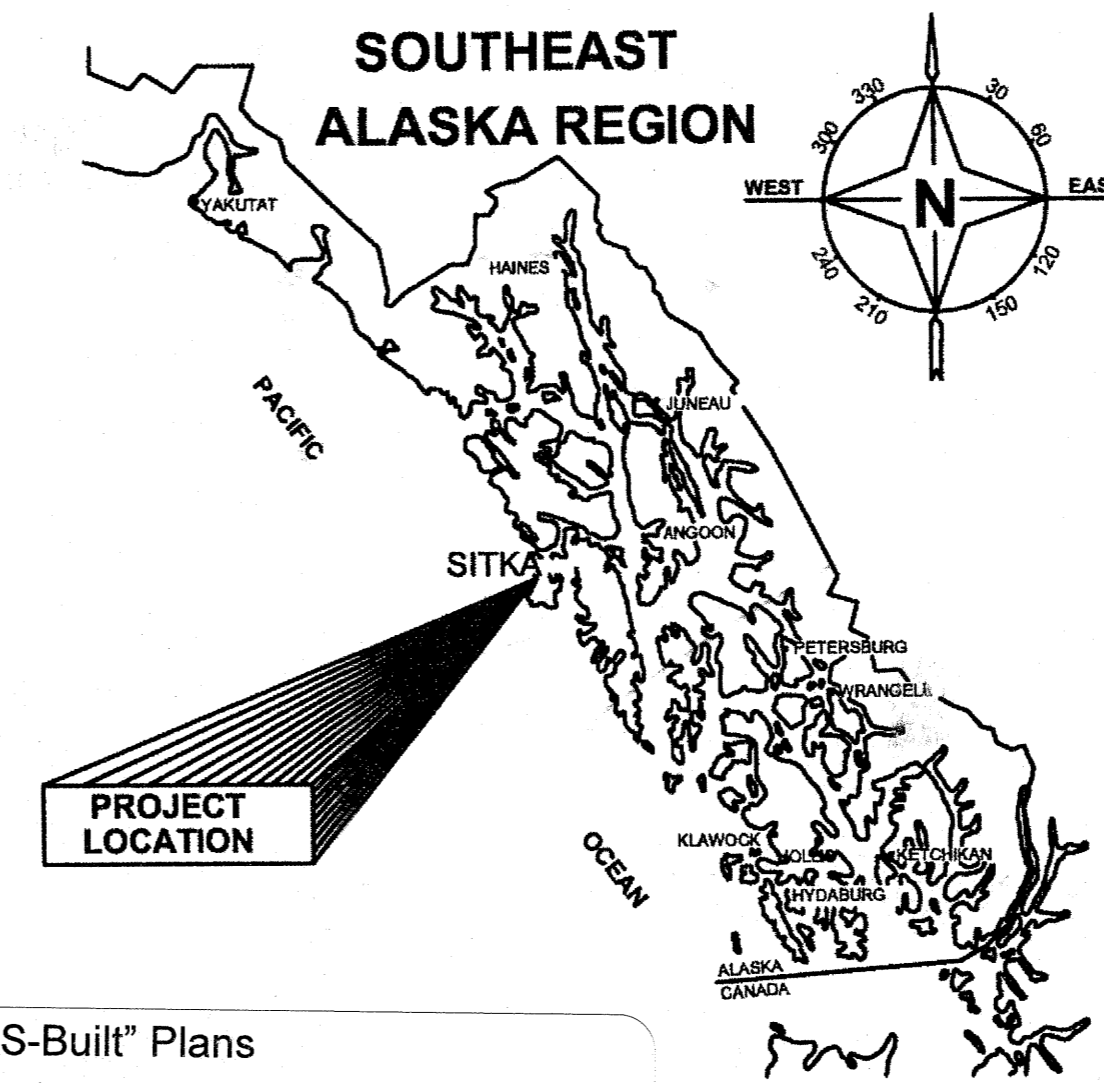
Department of Transportation  
and Public Facilities  
Southeast Region

## SITKA, ALASKA

### ROCKY GUTIERREZ AIRPORT

#### RUNWAY SAFETY AREA IMPROVEMENTS

AIP NO. 3-02-0268-026-2010 ~69298

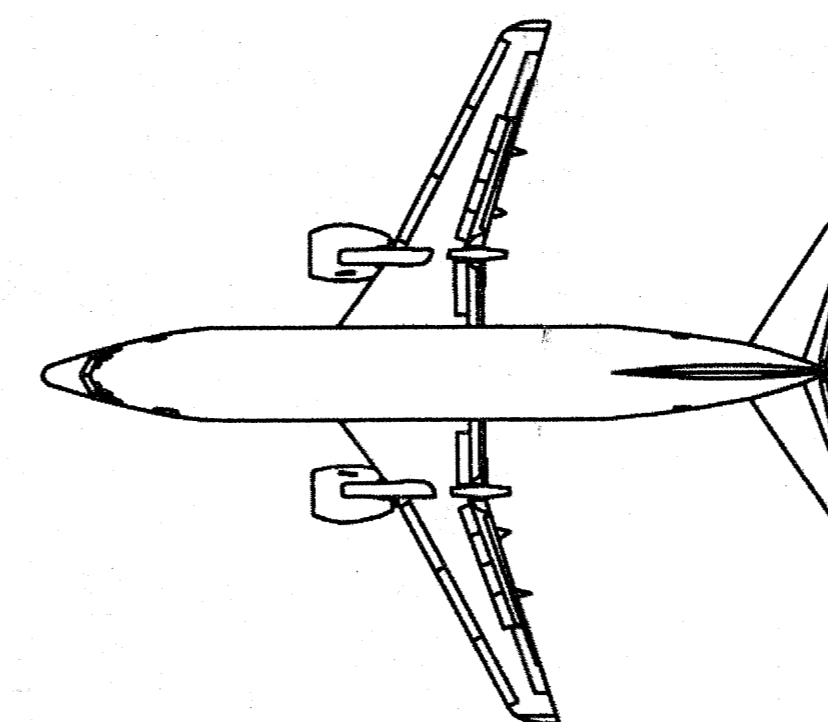


"AS-Built" Plans  
Contractor: Pacific Pile and Marine, LP  
Project Engineer: Todd Fleming  
Begin Construction: 10/25/10  
End Construction: 6/22/12

INDEX	
SHEET NO.	DESCRIPTION
A1	TITLE SHEET
A2	SURVEY CONTROL PLAN
B1	TYPICAL SECTIONS
C1	ESTIMATE AND GENERAL NOTES
E1	PLAN & PROFILE
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H1	DETAILS
J1-J4	SAFETY PLAN
J5	SAFETY PLAN DETAILS
T1	ESCP
T2	ESCP DETAILS
T3	EAGLE TREES

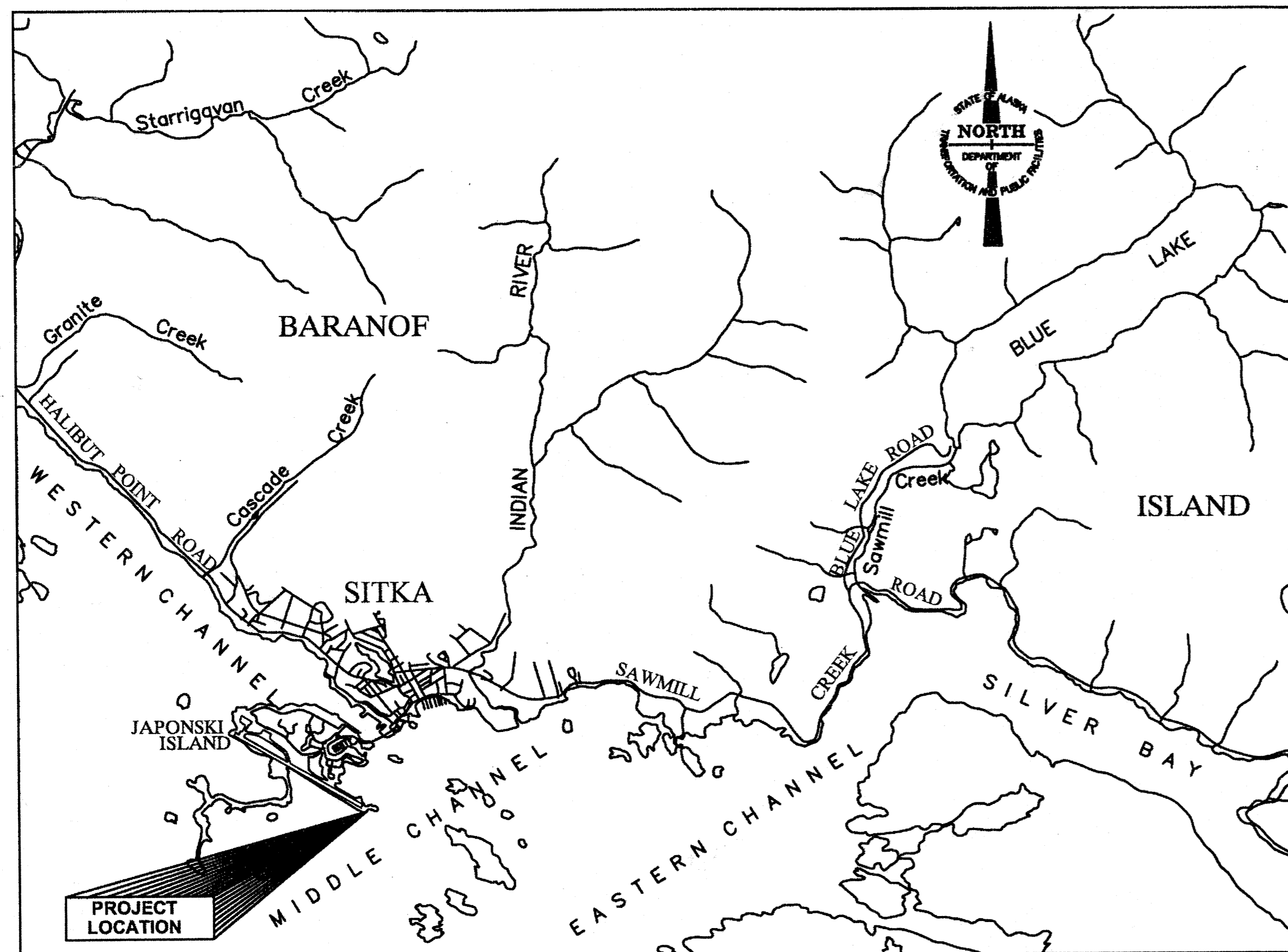
#### DESIGN DATA

AIRPORT TYPE.....	PRIMARY
RUNWAY CATEGORY.....	REGIONAL
RUNWAY INSTRUMENTATION.....	NON-PRECISION
RUNWAY DIMENSIONS.....	6500' X 150'
RUNWAY/TAXIWAY SURFACE.....	ASPHALT CONCRETE
RUNWAY LIGHTING.....	HIGH INTENSITY RUNWAY LIGHTING (HIRL)
AIRPORT REFERENCE CODE.....	C-II
AIRPORT ELEVATION.....	20.78 FT (MSL) / 26.11 FT (MLLW)
AIRPORT REFERENCE POINT.....	Latitude N 57° 02' 50.8"
(ARP COORDINATES - NAD '83)	Longitude W 135° 21' 38.2"
RUNWAY SAFETY AREA LENGTH.....	7180 PROPOSED, 6900' EXISTING
RUNWAY SAFETY AREA WIDTH.....	195' PROPOSED, 195' EXISTING
RUNWAY OBJECT FREE AREA WIDTH.....	800'
VISUAL/INST NAVAIDS R/W 11.....	LOC, DME, REIL, VASI
VISUAL/INST NAVAIDS R/W 29.....	REIL, VASI
RUNWAY MARKINGS TYPE.....	PRECISION



THE FOLLOWING STANDARD DRAWINGS APPLY TO THIS PROJECT:

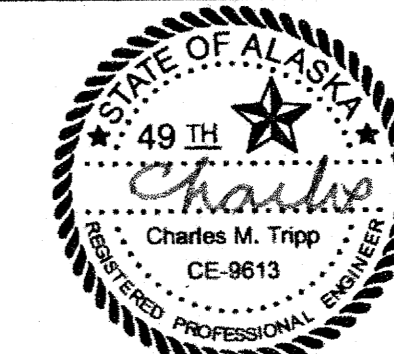
A-1 E-13.00



VICINITY MAP

PATH: Q:\SIT\69298\PLANSET\69298 A1 TSHT.DWG TAB:TSHT  
Thursday, February 11, 2010 10:15:20 AM  
PLOT: PSPACE OR MSPACE: 1=1(F)

STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION  
& PUBLIC FACILITIES  
SOUTHEAST REGION



APPROVED: *Victor M. Winters* 7-13-10  
REGIONAL PRE-CONSTRUCTION ENGINEER DATE  
VICTOR M. WINTERS, P.E.

APPROVED: *Gary L. Davis* 7-13-10  
DIRECTOR, SOUTHEAST REGION DATE  
GARY L. DAVIS

CERTIFIED TRUE & CORRECT AS-BUILT OF ACTUAL FIELD  
CONDITION:  
*Maurice A. Hansen* 10-28-13  
CONSTRUCTION PROJECT MANAGER DATE

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	AIP NO. 3-02-0268-026-2010	2010	A1	15

PATH:Q:\SIT\69298\PLANSET\69298 A2 CNTRL.DWG

WEAVER, JON M (DOT)  
TAB: A2

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

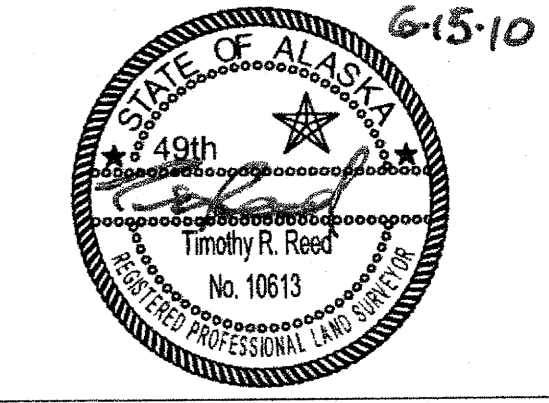
No.	DATE	DESCRIPTION

SITKA ROCKY GUTIERREZ AIRPORT  
RUNWAY SAFETY AREA IMPROVEMENTS  
PROJECT #69298

SURVEY CONTROL PLAN

PLAN LEGEND

CHECKED BY: C. TRIPP



DESIGNED BY: T. REED  
DRAWN BY: J. WEAVER

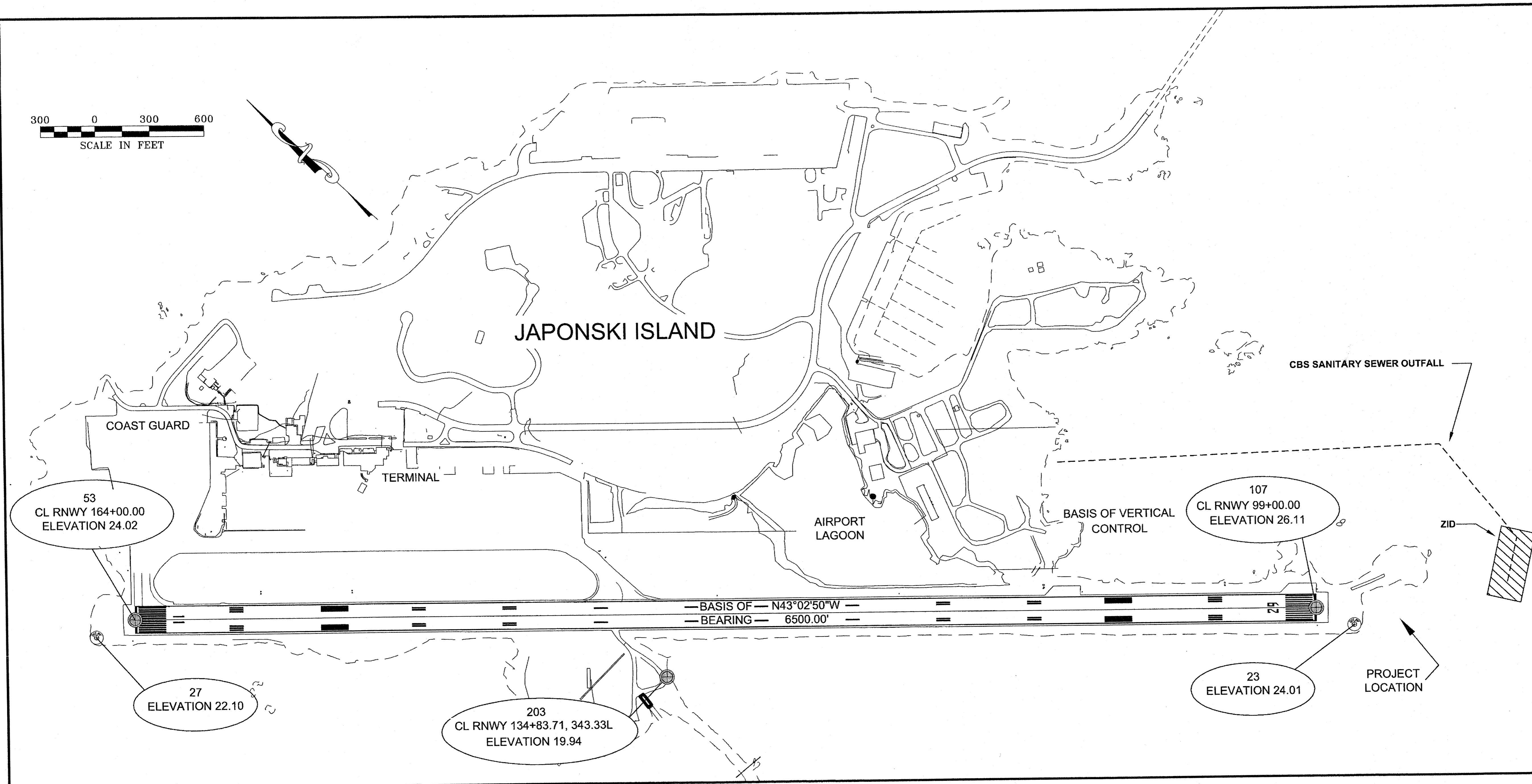
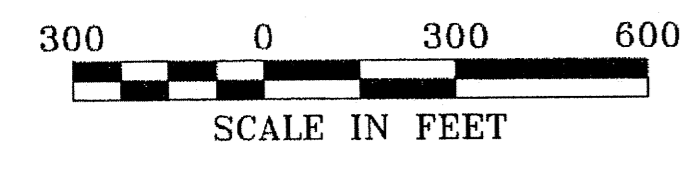
STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION  
& PUBLIC FACILITIES  
SOUTHEAST REGION

SITKA  
ROCKY GUTIERREZ AIRPORT  
RSA IMPROVEMENTS  
PROJECT #69298

**SURVEY CONTROL PLAN**

PROJECT DESIGNATION  
**AIP-3-02-0268-026-2010**

STATE	YEAR
<b>ALASKA</b>	<b>2010</b>
SHEET NUMBER	TOTAL SHEETS
<b>A2</b>	<b>15</b>



**HORIZONTAL CONTROL**

THE BASIS OF HORIZONTAL CONTROL IS THE BEARING OF N43°02'50"W FROM THE RUNWAY CL MON @ STA 99+00.00 TO THE RUNWAY CL MON @ STA 164+00.00. ALL STATIONING AND OFFSET IS REFERENCED FROM THE RUNWAY CENTERLINE.

**VERTICAL CONTROL**

THE BASIS OF VERTICAL CONTROL FOR THIS PROJECT IS THRESHOLD CL MONUMENT @ 99+00.00 WITH AN ACCEPTED ELEVATION OF 26.11' ABOVE MLLW.

**LEGEND**

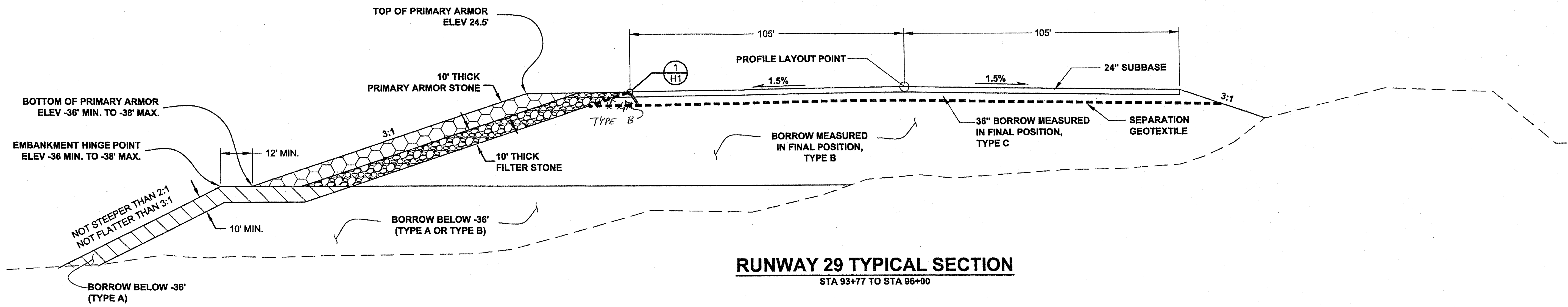
⊙ = DOT/PF ALUMINUM CAP  
⊕ = CL BRASS CAP IN CASE

POINT	STATION	OFFSET	NORTH	EAST	ELEV	DESCRIPTION
23	N/A	N/A	26575.1814	50675.6408	24.01	ALCAP2"/REBAR_SA-6
27	N/A	N/A	31631.7943	45952.0948	22.10	ALCAP2"/REBAR_SA-10
53	164+00.00	0.00	31540.8906	46167.1574	24.02	BC2"/RESET_CL_RNWY_164+00
107	99+00.00	0.00	26790.7519	50604.1009	26.11	BC2"/STEM_CL_RNWY_99+00
203	134+83.71	343.33 L	29175.3373	47906.9557	19.94	BC3.25"/STEM_NOS_MON_SITC

NOTE: THE MONUMENT AT POINT 23 MAY BE DESTROYED. PRESERVE AND PROTECT ALL OTHER MONUMENTS.

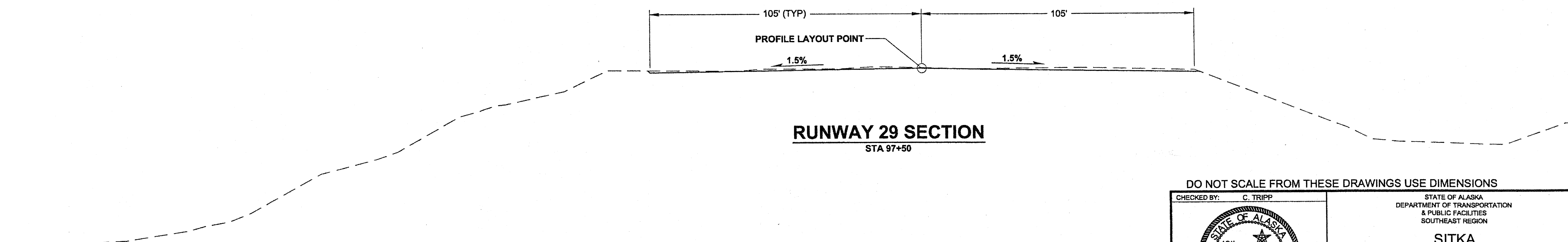
Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.  
Proj. Eng. *[Signature]* Date 07-11-13

**DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS**



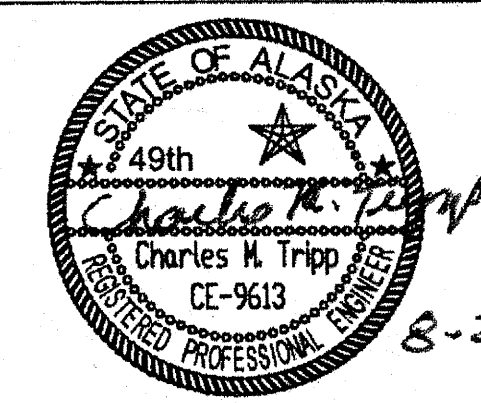
**RUNWAY 29 TYPICAL SECTION**  
STA 93+77 TO STA 96+00

SEE SHEET E1 FOR PLAN, PROFILE AND NOTES ON EMBANKMENT CONSTRUCTION.



**RUNWAY 29 SECTION**  
STA 97+50

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: C. TRIPP  DESIGNED BY: J. WEAVER DRAWN BY: J. WEAVER		STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHEAST REGION  <b>SITKA          ROCKY GUTIERREZ AIRPORT          RSA IMPROVEMENTS          PROJECT #69298</b>  <b>TYPICAL          SECTIONS</b>	
PATH: Q:\SIT\69298\PLANSET\ADDENDUM 5 69298 B1 TYP.DWG TAB: B1		WEAVER, JON M (DOT)	
PROJECT DESIGNATION AIP-3-02-0268-026-2010		YEAR 2010	SHEET NO. <b>B1</b>
TOTAL SHEETS 15			

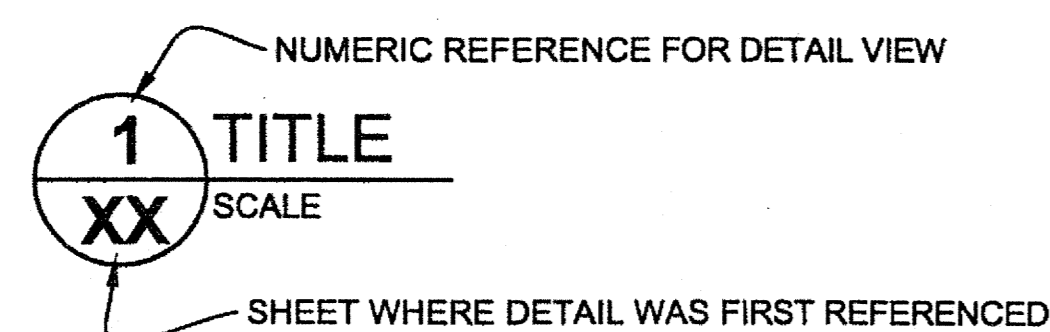
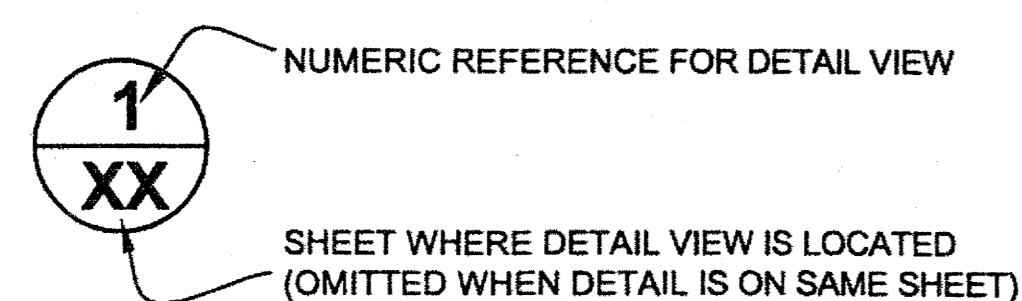
Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.  
 Proj. Eng. *[Signature]* Date 9-11-13

ESTIMATE OF QUANTITIES				FINAL
ITEM NO.	ITEM DESCRIPTION	PAY UNIT	QUANTITY	Quantity
G-100A	MOBILIZATION AND DEMOBILIZATION	LUMP SUM	ALL REQUIRED	
G-115A	WORKER MEALS AND LODGING, OR PER DIEM	LUMP SUM	ALL REQUIRED	
G-131A	ENGINEERING TRANSPORTATION (TRUCK)	EACH	2	2
G-131D	ENGINEERING TRANSPORTATION (BOAT)	EACH	1	1
G-135A	CONSTRUCTION SURVEYING BY THE CONTRACTOR	LUMP SUM	ALL REQUIRED	
G-135B	EXTRA THREE PERSON SURVEY PARTY	HOUR	15	
G-300A	CPM SCHEDULING	LUMP SUM	ALL REQUIRED	
G-700A	AIRPORT FLAGGER	CONTINGENT SUM	ALL REQUIRED	
G-700B	AIRPORT TRAFFIC MAINTENANCE	LUMP SUM	ALL REQUIRED	
P-152A	UNCLASSIFIED EXCAVATION	CUBIC YARD	1,310	1,089
P-152G	BORROW BELOW -36'	LUMP SUM	ALL REQUIRED	
P-152H(2)	BORROW MEASURED IN FINAL POSITION, TYPE B	CUBIC YARD	155,000	156,121
P-152H(3)	BORROW MEASURED IN FINAL POSITION, TYPE C	CUBIC YARD	7,550	6,973
P-154A	SUBBASE COURSE	CUBIC YARD	5,800	4,993
P-157A	EROSION, SEDIMENT AND POLLUTION CONTROL ADMINISTRATION	LUMP SUM	ALL REQUIRED	
P-157C	TEMPORARY EROSION, SEDIMENT AND POLLUTION CONTROL	LUMP SUM	ALL REQUIRED	
P-157D	TEMPORARY EROSION, SEDIMENT, AND POLLUTION CONTROL ADDITIVES	CONTINGENT SUM	ALL REQUIRED	
P-157E	ESC PRICE ADJUSTMENT - FINES AND PENALTIES	CONTINGENT SUM	ALL REQUIRED	
P-157F	SWPPP MANAGER	LUMP SUM	ALL REQUIRED	
P-185A	PRIMARY ARMOR STONE (6.5 TON)	LUMP SUM	ALL REQUIRED	
P-185B	FILTER STONE (0.65 TON)	LUMP SUM	ALL REQUIRED	
P-670A	HAZARD MARKER BARRICADE	EACH	10	6
P-681A	GEOTEXTILE, SEPARATION	SQUARE YARD	9,600	8,333.3
P-686A	FIBER ROLL	LINEAR FOOT	3,400	0

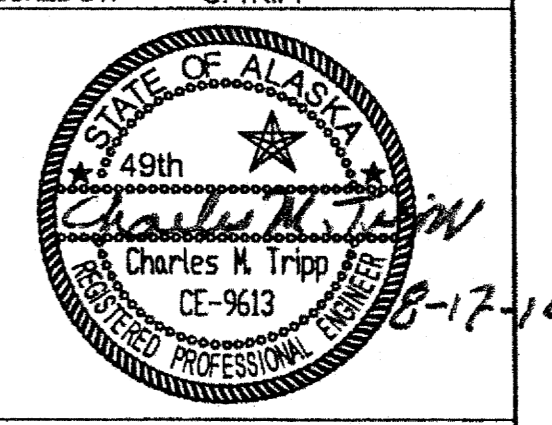
BASIS OF ESTIMATE		
ITEM NO.	ITEM DESCRIPTION	ESTIMATING FACTOR
P-152G	BORROW BELOW -36'	210,000 CUBIC YARD TOTAL AT 2:1 SLOPE 265,000 CUBIC YARD TOTAL AT 3:1 SLOPE  43,730 CY OF TYPE A AT 2:1 SLOPE 70,000 CY OF TYPE A AT 3:1 SLOPE  166,270 CY OF TYPE A OR B AT 2:1 SLOPE 195,000 CY OF TYPE A OR B AT 3:1 SLOPE
P-185A	PRIMARY ARMOR STONE - <del>CLASS A</del> (6.5 TON)	60,000 <del>46,000</del> CY Addendum #3
P-185B	FILTER STONE - <del>CLASS A</del> (0.65 TON)	54,500 <del>43,000</del> CY Addendum #3

ESTIMATING FACTOR VOLUMES ARE CALCULATED IN FINAL POSITION

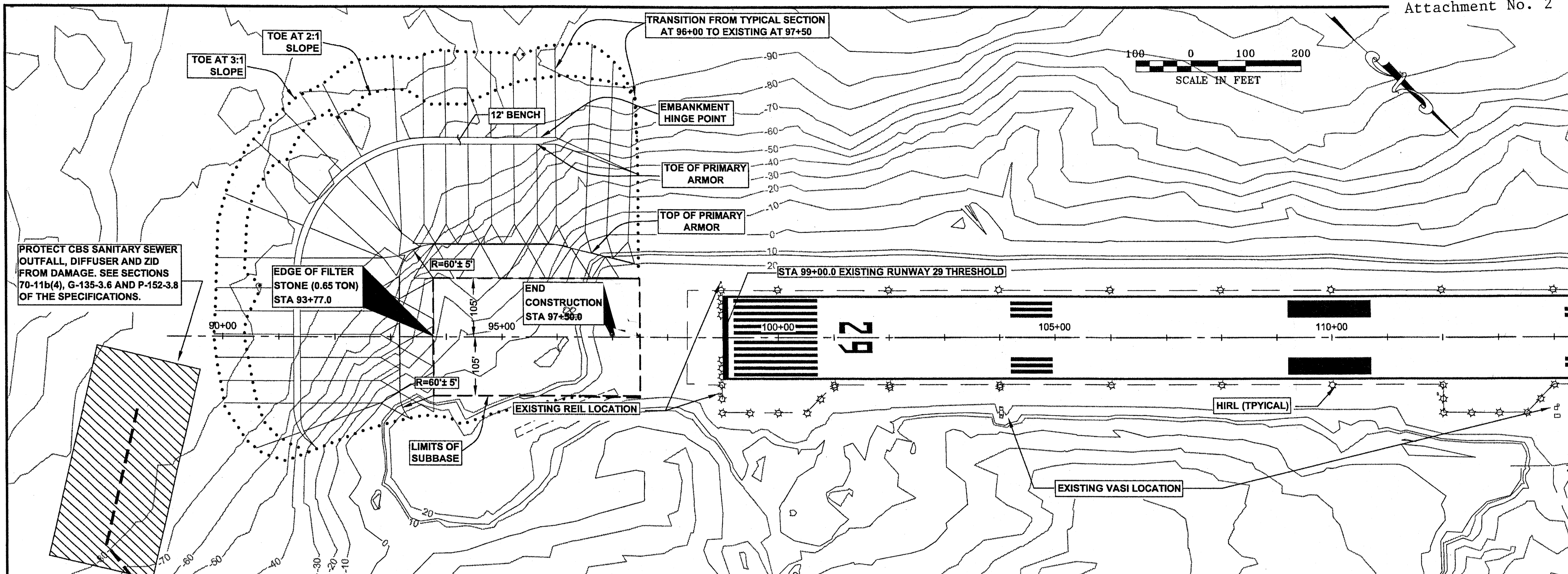
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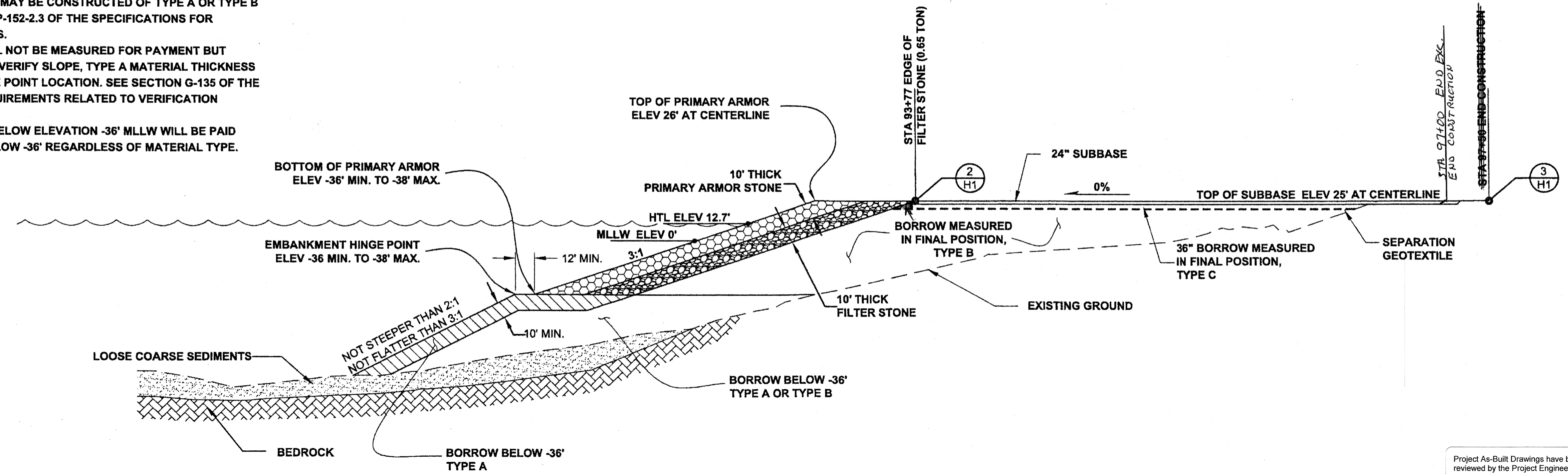
CHECKED BY: C. TRIPP 		STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHEAST REGION  <b>SITKA          ROCKY GUTIERREZ AIRPORT          RSA IMPROVEMENTS          PROJECT #69298          ESTIMATE AND          GENERAL NOTES</b>	
DESIGNED BY: J. WEAVER DRAWN BY: J. WEAVER		WEAVER, JON M (DOT)	
PATH: Q:\SIT\69298\PLANS\ET\ADDENDUM2 69298 C1 EST.DWG TAB: C1			
REVISIONS NO. DATE DESCRIPTION		PROJECT DESIGNATION AIP-3-02-0268-026-2010	YEAR 2010
		SHEET NO. C1	TOTAL SHEETS 15

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.  
 Proj. Eng. *[Signature]* Date 9-11-13



- NOTES:**
- SEE B SHEETS FOR TYPICAL SECTIONS
  - ESTIMATED SUBSIDENCE IS 0-3 INCHES.
  - CONSTRUCT BORROW FROM THE OUTER LIMITS OF FILL INWARD.
  - BORROW BELOW -36' SHALL BE CONSTRUCTED WITH A MINIMUM 10' THICKNESS OF TYPE A MATERIAL ON THE SEAWARD SIDE AS SHOWN. THE REMAINING PORTION MAY BE CONSTRUCTED OF TYPE A OR TYPE B MATERIAL. SEE SECTION P-152-2.3 OF THE SPECIFICATIONS FOR MATERIAL REQUIREMENTS.
  - BORROW BELOW -36' WILL NOT BE MEASURED FOR PAYMENT BUT SHALL BE MEASURED TO VERIFY SLOPE, TYPE A MATERIAL THICKNESS AND EMBANKMENT HINGE POINT LOCATION. SEE SECTION G-135 OF THE SPECIFICATIONS ON REQUIREMENTS RELATED TO VERIFICATION SURVEYING.
  - ALL MATERIAL PLACED BELOW ELEVATION -36' MLLW WILL BE PAID FOR UNDER BORROW BELOW -36' REGARDLESS OF MATERIAL TYPE.

- THE SEPARATION GEOTEXTILE SHALL BE PLACED BELOW THE BORROW MEASURED IN FINAL POSITION, TYPE C. SEE SHEET H1 FOR DETAILS.
- ALL THICKNESSES SHOWN FOR PRIMARY ARMOR STONE, FILTER STONE, AND BORROW BELOW -36', TYPE A ARE MEASURED PERPENDICULAR TO THE SLOPE.



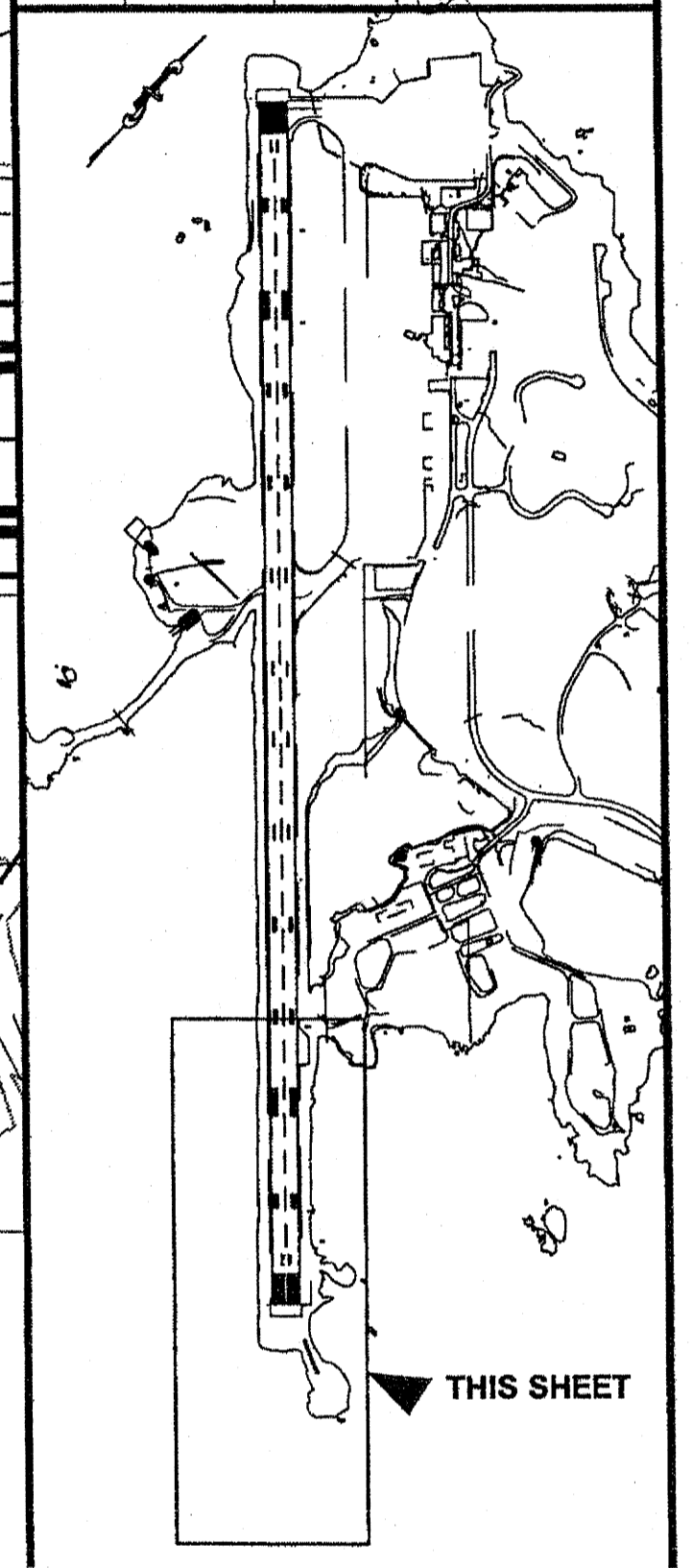
**RUNWAY 29 EMBANKMENT PROFILE**

**DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS**

PATH:Q:\SIT\69298\PLANS\ADDENDUM 5 69298 E1 P&P.DWG

WEAVER, JON M (DOT)  
TAB. E1

ADDENDUM NUMBER		
ATTACHMENT NUMBER		
RECORD OF REVISIONS		
No.	DATE	DESCRIPTION



**PLAN LEGEND**

CHECKED BY: C. TRIPP

DESIGNED BY: J. WEAVER  
DRAWN BY: J. WEAVER

STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION  
& PUBLIC FACILITIES  
SOUTHEAST REGION

SITKA  
ROCKY GUTIERREZ AIRPORT  
RSA IMPROVEMENTS  
PROJECT #69298

**PLAN AND PROFILE**

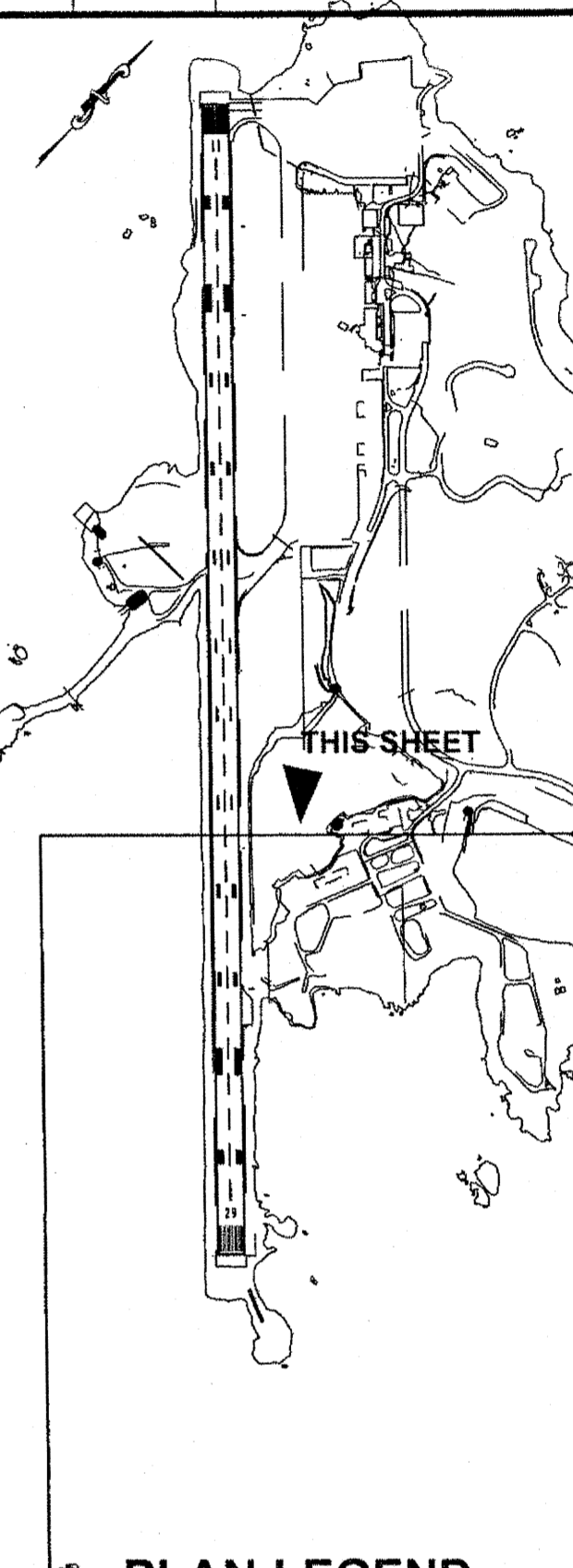
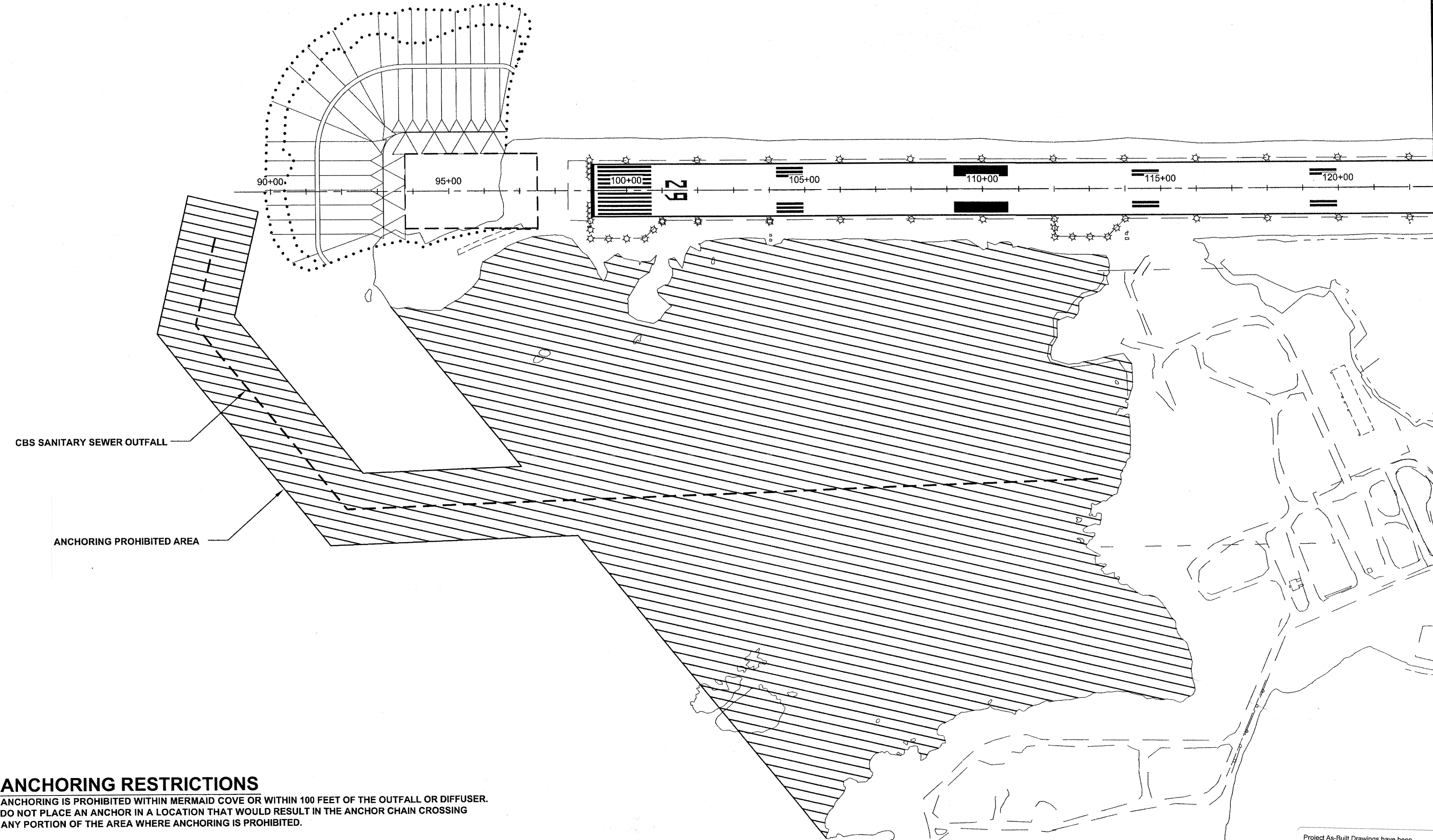
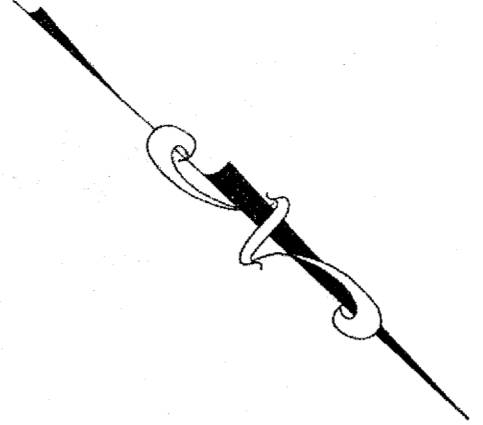
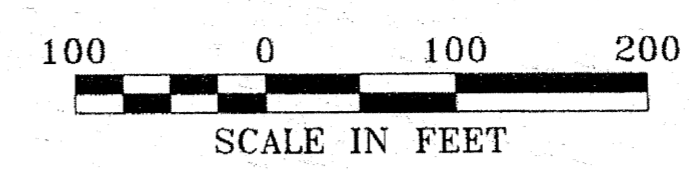
PROJECT DESIGNATION  
**AIP-3-02-0628-026-2010**

STATE	YEAR
<b>ALASKA</b>	<b>2010</b>
SHEET NUMBER	TOTAL SHEETS
<b>E1</b>	<b>15</b>

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.  
Proj. Eng. *[Signature]* Date 9-1-13

WEAVER, JON M (DOT)  
TAB: E2

ADDENDUM NUMBER		
ATTACHMENT NUMBER		
RECORD OF REVISIONS		
No.	DATE	DESCRIPTION



CBS SANITARY SEWER OUTFALL

ANCHORING PROHIBITED AREA

**ANCHORING RESTRICTIONS**  
 ANCHORING IS PROHIBITED WITHIN MERMAID COVE OR WITHIN 100 FEET OF THE OUTFALL OR DIFFUSER.  
 DO NOT PLACE AN ANCHOR IN A LOCATION THAT WOULD RESULT IN THE ANCHOR CHAIN CROSSING  
 ANY PORTION OF THE AREA WHERE ANCHORING IS PROHIBITED.

CHECKED BY: C. TRIPP



DESIGNED BY: J. WEAVER  
 DRAWN BY: J. WEAVER

STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 & PUBLIC FACILITIES  
 SOUTHEAST REGION

SITKA  
 ROCKY GUTIERREZ AIRPORT  
 RSA IMPROVEMENTS  
 PROJECT #69298

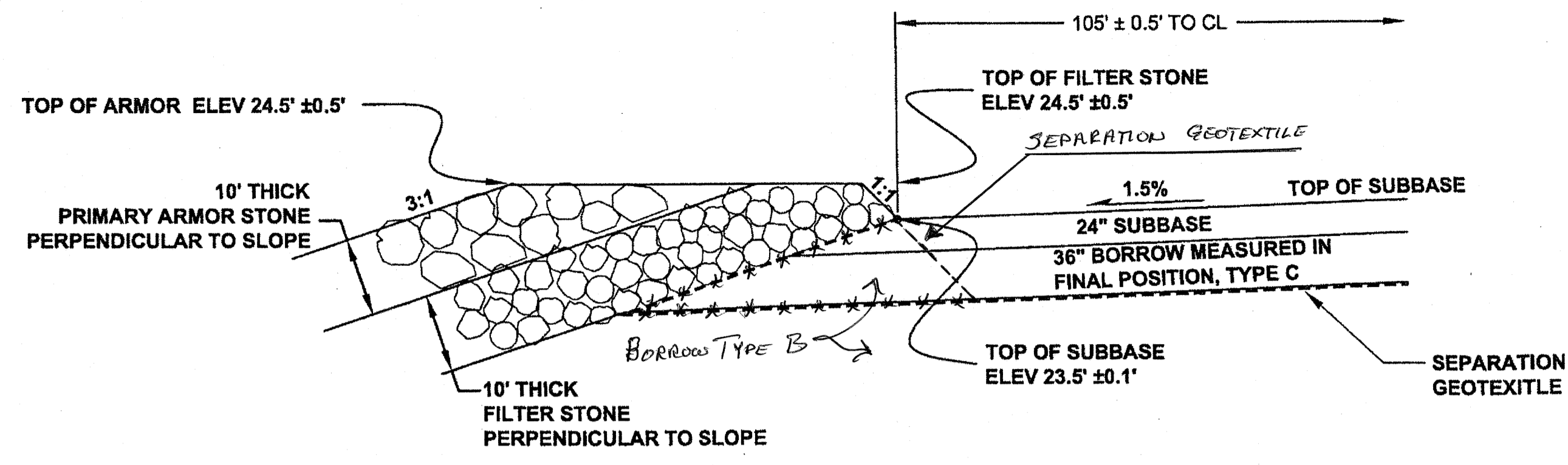
**CBS SANITARY  
 SEWER OUTFALL**

PROJECT DESIGNATION  
**AIP-3-02-0628-026-2010**

STATE	YEAR
<b>ALASKA</b>	<b>2010</b>
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<b>E2</b>	<b>15</b>

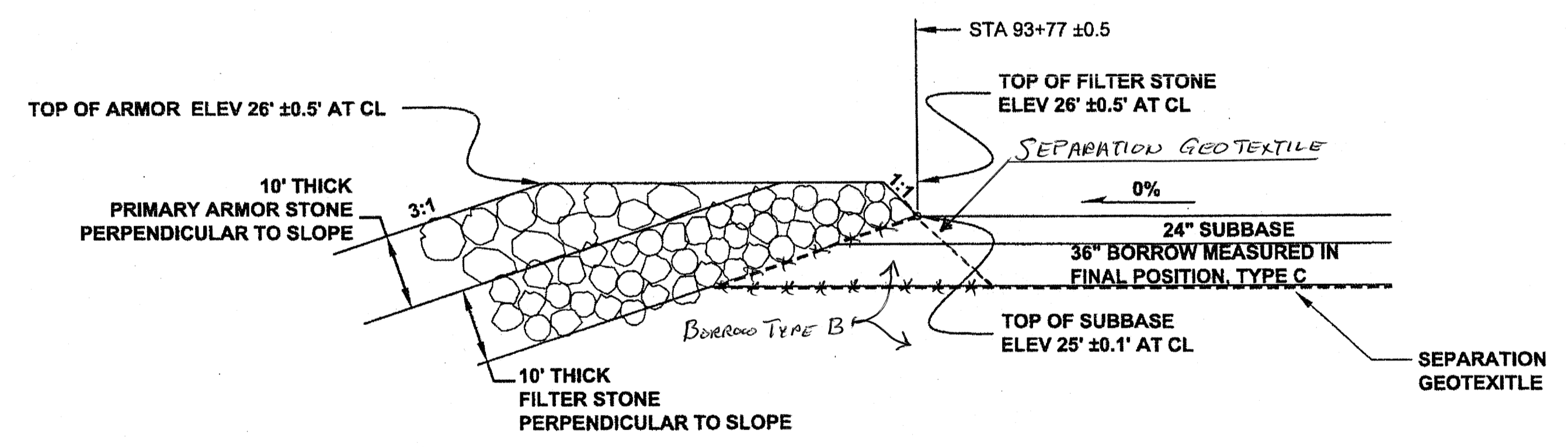
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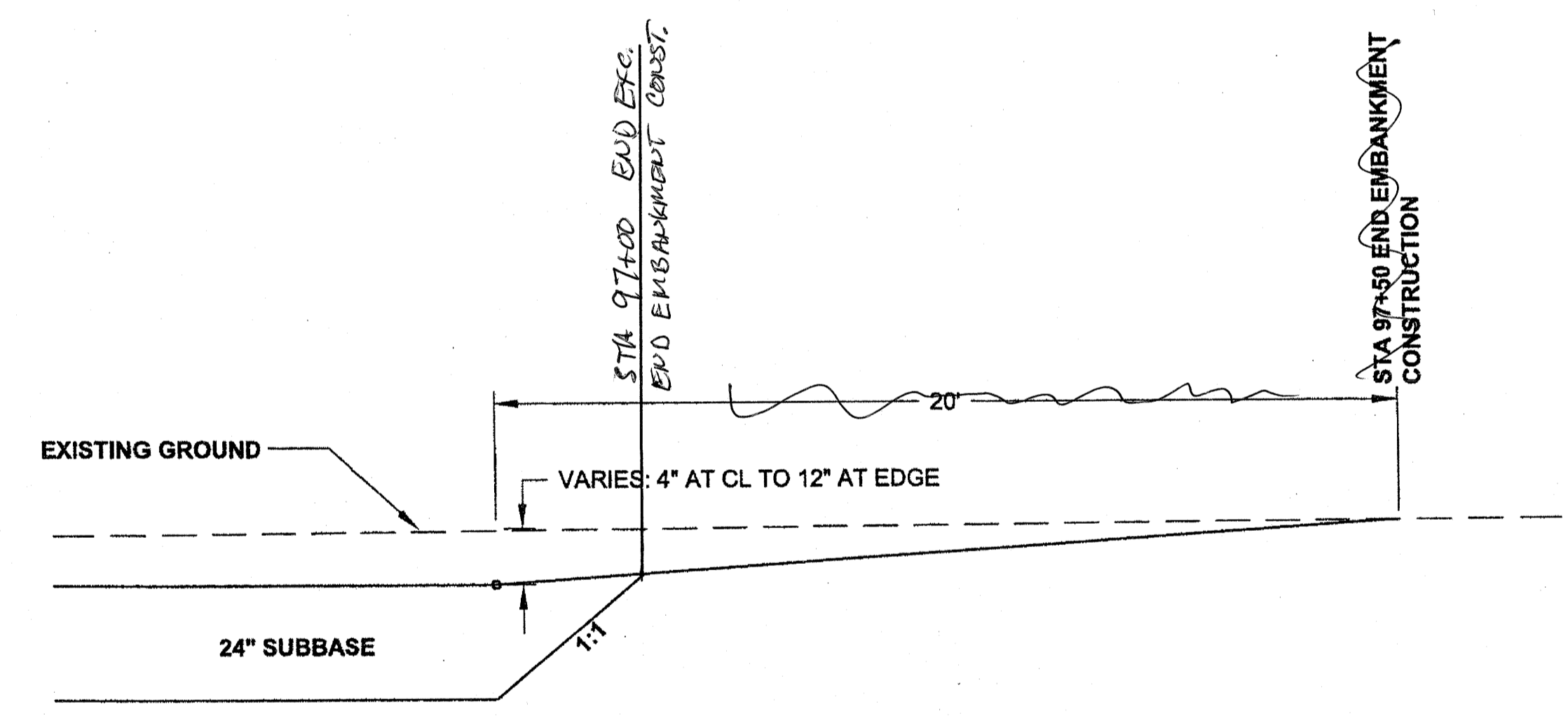


**1**  
**B1**  
**RUNWAY 29 ARMOR ROCK CROSS SECTION DETAIL**  
STA 93+49.5 TO STA 96+00  
TRANSITION FROM TYPICAL SECTION AT 96+00 TO EXISTING AT 97+50.  
N.T.S.

**GEOTEXTILE NOTES**  
PLACE THE SEPARATION GEOTEXTILE TO SEPARATE THE 36" OF BORROW MEASURED IN FINAL POSITION, TYPE C FROM THE LARGER MATERIAL PLACED BELOW IT. WRAP THE FABRIC AROUND THE SEAWARD EDGE TO THE TOP OF THE FINISHED SUBBASE TO SEPARATE THE BORROW MEASURED IN FINAL POSITION, TYPE C AND SUBBASE FROM FILTER STONE PLACED ON THE SLOPE.



**2**  
**E1**  
**RUNWAY 29 ARMOR ROCK PROFILE DETAIL**  
N.T.S.



**3**  
**E1**  
**RUNWAY 29 TRANSITION TO EXISTING RSA**  
N.T.S.

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: C. TRIPP		STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHEAST REGION	
		<b>SITKA ROCKY GUTIERREZ AIRPORT RSA IMPROVEMENTS PROJECT #69298</b>	
DESIGNED BY: J. WEAVER		WEAVER, JON M. (DOT)	
DRAWN BY: J. WEAVER			
PATH: Q:\SIT\69298\PLANSET\ADDENDUM 5 69298 H1 DTL.DWG		PROJECT DESIGNATION	
TAB: H1		YEAR	
REVISIONS		SHEET NO.	
NO. DATE DESCRIPTION		TOTAL SHEETS	
AIP-3-02-0268-026-2010		2010	
H1		15	

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PATH:Q:\SIT\69298\PLANSET\69298 J1-J5 SAFETY.DWG

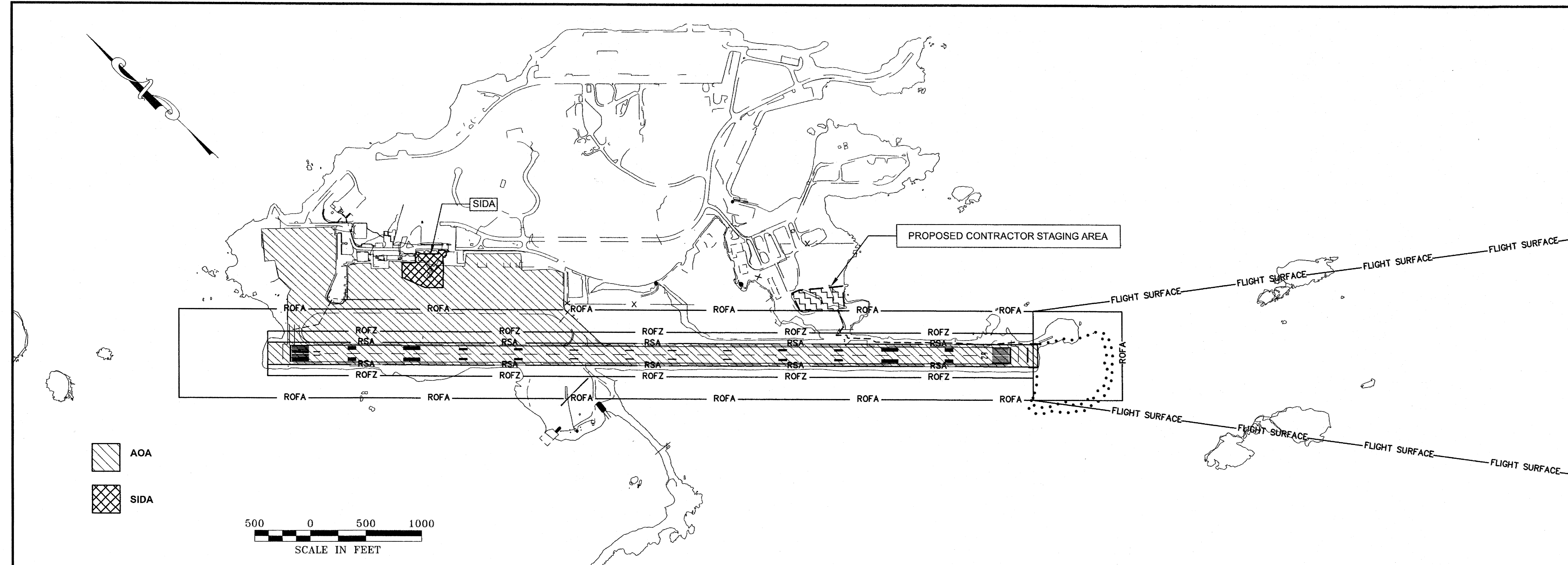
WEAVER, JON M (DOT)  
TAB: J1

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



**DEFINITIONS**

**AOA** - AIR OPERATIONS AREA - ALL AREAS OPEN FOR LANDING, TAKEOFF, OR GROUND MOVEMENT OF AIRCRAFT. THIS INCLUDES THE RUNWAY, RSA, TAXIWAY, TAXIWAY SAFETY AREA AND APRON. ALL VEHICLES ENTERING THIS AREA SHALL BE APPROPRIATELY MARKED AND THE DRIVER SHALL BE TRAINED AND HAVE APPROPRIATE COMMUNICATIONS EQUIPMENT.

**FLIGHT SURFACE** - THE FLIGHT SURFACE IS THE APPROACH/DEPARTURE SURFACE FOUND IN AC 150/5300-13 APPENDIX 2. THE FLIGHT SURFACE FOR LARGE AIRCRAFT (GREATER THAN 12,500 LB MAXIMUM TAKEOFF WEIGHT) STARTS 200' BEYOND THE THRESHOLD AT THE RUNWAY CENTERLINE ELEVATION AND RAISES AT A SLOPE OF 20:1. IT TAPERS FROM 1,000' WIDE TO 3,800' WIDE 10,200' FROM THE THRESHOLD.

ALL MEN, MATERIAL, AND EQUIPMENT MUST BE OUTSIDE OF THIS AREA DURING AIRCRAFT OPERATIONS.

**ROFA** - RUNWAY OBJECT FREE AREA - THE ROFA EXTENDS 1000' BEYOND EACH END OF RUNWAY, AND 400' FROM THE RUNWAY CENTERLINE AT THE ELEVATION OF THE NEAREST OUTSIDE EDGE OF THE RSA. EQUIPMENT AND MATERIAL STOCKPILES SHALL BE STORED OUTSIDE OF THIS AREA. SEE THE PROPOSED CONTRACTOR STAGING AREA.

**ROFZ** - RUNWAY OBSTACLE FREE ZONE - THE ROFZ EXTENDS 200' BEYOND EACH END OF RUNWAY, AND 200' FROM THE RUNWAY CENTERLINE AT THE NEAREST ELEVATION OF THE RUNWAY.

**RSA** - RUNWAY SAFETY AREA - THE EXISTING RSA EXTENDS 240' BEYOND THE END OF RUNWAY 29, 200' BEYOND THE END OF RUNWAY 11, AND 100' FROM THE RUNWAY CENTERLINE.

**SIDA** - SECURITY IDENTIFICATION DISPLAY AREA - AREAS IDENTIFIED IN THE AIRPORT SECURITY PROGRAM AS SIDA REQUIRE EACH PERSON TO CONTINUOUSLY DISPLAY ON THEIR OUTERMOST CLOTHING AN AIRPORT-APPROVED SIDA IDENTIFICATION UNLESS UNDER AIRPORT APPROVED ESCORT. WORK IS NOT REQUIRED IN THE SIDA UNDER THIS CONTRACT. KEEP PERSONNEL AND EQUIPMENT OUT OF THE SIDA.

**SAFETY PLAN NOTES**

1. UNDER ALL CIRCUMSTANCES, SAFETY IS THE MOST IMPORTANT CONSIDERATION
2. CONSTRUCTION CANNOT BEGIN UNTIL AN OPERATIONAL SAFETY PLAN IS IN PLACE AND APPROVED BY AIRPORT SAFETY. ALL CONSTRUCTION WITHIN THE AOA, FLIGHT SURFACE, ROFA, AND ROFZ, SHALL BE CARRIED OUT IN ACCORDANCE WITH AN APPROVED, CURRENT OPERATIONAL SAFETY PLAN AND LIMITATIONS IN SECTION 80 OF SPECIFICATIONS.
3. THE CONTRACTOR SHALL CONTINUOUSLY MONITOR CTAF 123.6MHZ AND HAVE CVO ON DUTY DURING CONSTRUCTION WITHIN THE AOA, FLIGHT SURFACE, ROFA AND ROFZ. ALL PERSONNEL, EQUIPMENT, AND MATERIALS SHALL BE CLEAR OF THE AOA, FLIGHT SURFACE, AND ROFZ DURING AIRCRAFT OPERATIONS. AN AIRCRAFT OPERATION INCLUDES 15 MINUTES BEFORE ARRIVAL AND 15 MINUTES AFTER DEPARTURE, IN ADDITION TO TIME ON RUNWAY AND TAXIWAY SURFACES.
4. OPEN EXCAVATIONS ARE PROHIBITED WITHIN THE EXISTING RSA DISTANCE FROM THE END OF THE RUNWAY WHILE THE RUNWAY IS OPEN. WORK FROM APPROXIMATE STA 96+80 TO STA 97+50 REQUIRES EXCAVATION IN THE EXISTING RSA. THE CONTRACTOR IS REQUIRED TO SCHEDULE HIS WORK IN THIS AREA SO THAT THE EXCAVATION IS PROPERLY BACKFILLED TO THE PROPOSED ELEVATION, GRADED AT NO GREATER THAN 5%, OR COVERED WITH STEEL PLATES CAPABLE OF SUPPORTING THE HEAVIEST AIRCRAFT OPERATING AT THE AIRPORT BEFORE THE RUNWAY IS OPENED TO AIRCRAFT.
5. CLOSURE OF RUNWAY 11-29 IS ONLY PERMITTED WITH COORDINATION OF AIRPORT MANAGEMENT, THE FAA FLIGHT SERVICE STATION, THE U.S. COAST GUARD AND THE ENGINEER. SEE SECTION 80-04(D) OF THE SPECIFICATIONS AND SHEET J2 FOR MORE INFORMATION.
6. DURING CLOSURE, COVER OR DISABLE EDGE LIGHTING AND VISUAL AIDS ON THE CLOSED PORTION OF THE RUNWAY. PLACE TEMPORARY MARKINGS AND LIGHTING AS REQUIRED.
7. DURING ANY CLOSURE PERIOD ALL IN-FLIGHT EMERGENCIES WILL BE GIVEN PERMISSION TO LAND. INCLUDE PROCEDURES FOR CLEARING THE AOA, ROFA AND APPROACH SURFACE DURING THESE EMERGENCIES IN THE OPERATIONAL SAFETY PLAN.
8. THE INDICATED HAUL ROUTE IS THE ONLY ROUTE VEHICLES MAY USE TO ACCESS THE CONSTRUCTION AREA. THIS ROUTE PASSES NEAR NAVIGATION AIDS AND THE RUNWAY PAVEMENT. TAKE CARE NOT TO DAMAGE NAVIGATION AIDS. THE RUNWAY PAVEMENT ADJACENT TO THE HAUL ROUTE SHALL BE SWEEPED CLEAR OF ANY FOREIGN OBJECT DEBRIS WETHER IT IS THERE AS A RESULT OF CONTRACTOR OPERATIONS OR NOT.
9. AIRPORT SECURITY MUST BE MAINTAINED AT THE HAUL ROUTE ENTRANCE TO THE AIRPORT. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PREVENT ENTRY OF UNAUTHORIZED PERSONS OR VEHICLES. IF LEFT OPEN, FENCE GATES USED BY THE CONTRACTOR SHALL BE CONTINUOUSLY STAFFED BY A KNOWLEDGEABLE EMPLOYEE. SEE SECTION 80-04(B)(3)(H) OF THE SPECIFICATIONS.
10. FLIGHT SURFACES ARE NOT SHOWN ON RUNWAY 11 BECAUSE IT IS NOT ANTICIPATED THE CONTRACTOR WILL BE ON THAT END OF THE RUNWAY. THEIR OMISSION DOES NOT REMOVE THE OBLIGATION OF THE CONTRACTOR TO FOLLOW PROPER SAFETY PRECAUTIONS IF THERE ARE CONTRACTOR OPERATIONS BEYOND THE RUNWAY 11 THRESHOLD.

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.  
Proj. Eng. *[Signature]* Date 9-11-13

**DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS**

**PLAN LEGEND**

CHECKED BY: C. TRIPP

DESIGNED BY: J. WEAVER  
DRAWN BY: J. WEAVER

STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES  
SOUTHEAST REGION

SITKA  
ROCKY GUTIERREZ AIRPORT  
RSA IMPROVEMENTS  
PROJECT #69298

**SAFETY PLAN**

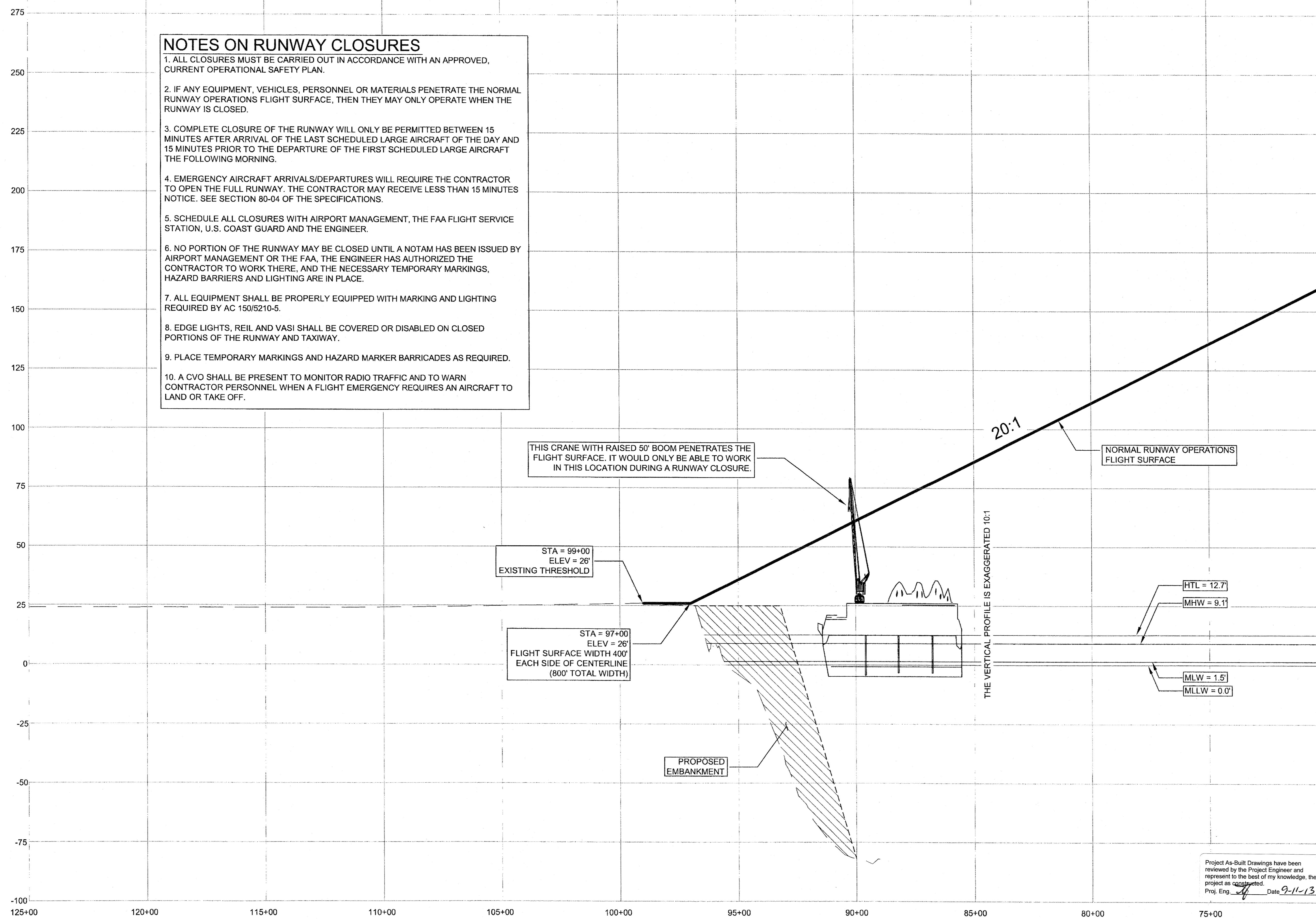
PROJECT DESIGNATION  
**AIP-3-02-0268-026-2010**

STATE	YEAR
<b>ALASKA</b>	<b>2010</b>
SHEET NUMBER	TOTAL SHEETS
<b>J1</b>	<b>15</b>



**NOTES ON RUNWAY CLOSURES**

1. ALL CLOSURES MUST BE CARRIED OUT IN ACCORDANCE WITH AN APPROVED, CURRENT OPERATIONAL SAFETY PLAN.
2. IF ANY EQUIPMENT, VEHICLES, PERSONNEL OR MATERIALS PENETRATE THE NORMAL RUNWAY OPERATIONS FLIGHT SURFACE, THEN THEY MAY ONLY OPERATE WHEN THE RUNWAY IS CLOSED.
3. COMPLETE CLOSURE OF THE RUNWAY WILL ONLY BE PERMITTED BETWEEN 15 MINUTES AFTER ARRIVAL OF THE LAST SCHEDULED LARGE AIRCRAFT OF THE DAY AND 15 MINUTES PRIOR TO THE DEPARTURE OF THE FIRST SCHEDULED LARGE AIRCRAFT THE FOLLOWING MORNING.
4. EMERGENCY AIRCRAFT ARRIVALS/DEPARTURES WILL REQUIRE THE CONTRACTOR TO OPEN THE FULL RUNWAY. THE CONTRACTOR MAY RECEIVE LESS THAN 15 MINUTES NOTICE. SEE SECTION 80-04 OF THE SPECIFICATIONS.
5. SCHEDULE ALL CLOSURES WITH AIRPORT MANAGEMENT, THE FAA FLIGHT SERVICE STATION, U.S. COAST GUARD AND THE ENGINEER.
6. NO PORTION OF THE RUNWAY MAY BE CLOSED UNTIL A NOTAM HAS BEEN ISSUED BY AIRPORT MANAGEMENT OR THE FAA, THE ENGINEER HAS AUTHORIZED THE CONTRACTOR TO WORK THERE, AND THE NECESSARY TEMPORARY MARKINGS, HAZARD BARRIERS AND LIGHTING ARE IN PLACE.
7. ALL EQUIPMENT SHALL BE PROPERLY EQUIPPED WITH MARKING AND LIGHTING REQUIRED BY AC 150/5210-5.
8. EDGE LIGHTS, REIL AND VASI SHALL BE COVERED OR DISABLED ON CLOSED PORTIONS OF THE RUNWAY AND TAXIWAY.
9. PLACE TEMPORARY MARKINGS AND HAZARD MARKER BARRICADES AS REQUIRED.
10. A CVO SHALL BE PRESENT TO MONITOR RADIO TRAFFIC AND TO WARN CONTRACTOR PERSONNEL WHEN A FLIGHT EMERGENCY REQUIRES AN AIRCRAFT TO LAND OR TAKE OFF.



THIS CRANE WITH RAISED 50' BOOM PENETRATES THE FLIGHT SURFACE. IT WOULD ONLY BE ABLE TO WORK IN THIS LOCATION DURING A RUNWAY CLOSURE.

NORMAL RUNWAY OPERATIONS FLIGHT SURFACE

STA = 99+00  
 ELEV = 26'  
 EXISTING THRESHOLD

STA = 97+00  
 ELEV = 26'  
 FLIGHT SURFACE WIDTH 400'  
 EACH SIDE OF CENTERLINE  
 (800' TOTAL WIDTH)

PROPOSED EMBANKMENT

THE VERTICAL PROFILE IS EXAGGERATED 10:1

HTL = 12.7

MHW = 9.1

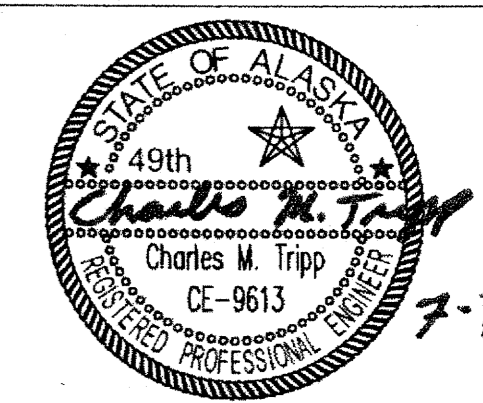
MLW = 1.5

MLLW = 0.0

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.  
 Proj. Eng. *JM* Date 9-11-13

**PLAN LEGEND**

CHECKED BY: C. TRIPP



DESIGNED BY: J. WEAVER

DRAWN BY: J. WEAVER

STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 & PUBLIC FACILITIES  
 SOUTHEAST REGION

SITKA  
 ROCKY GUTIERREZ AIRPORT  
 RSA IMPROVEMENTS  
 PROJECT #69298

**SAFETY PLAN**

PROJECT DESIGNATION

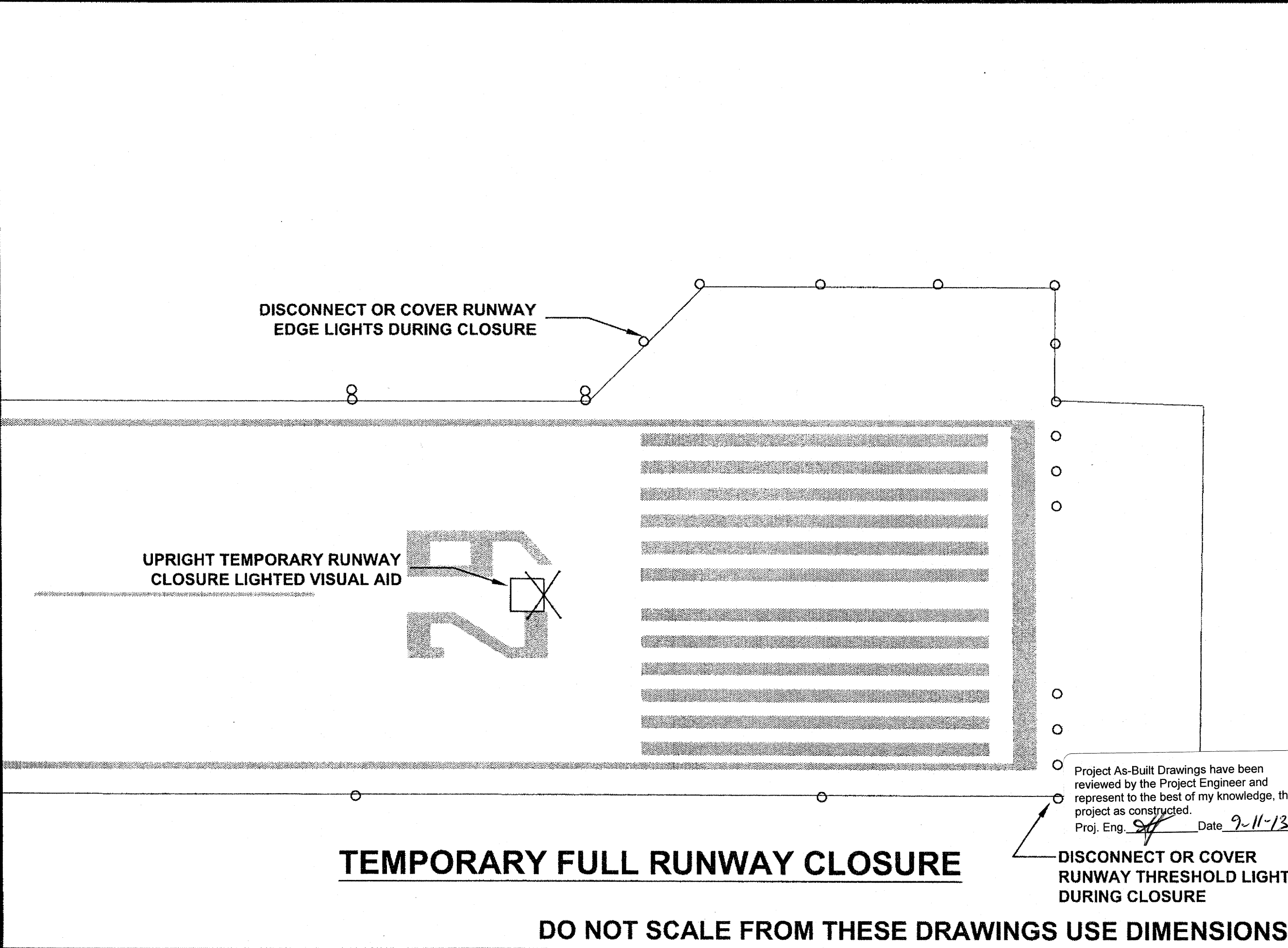
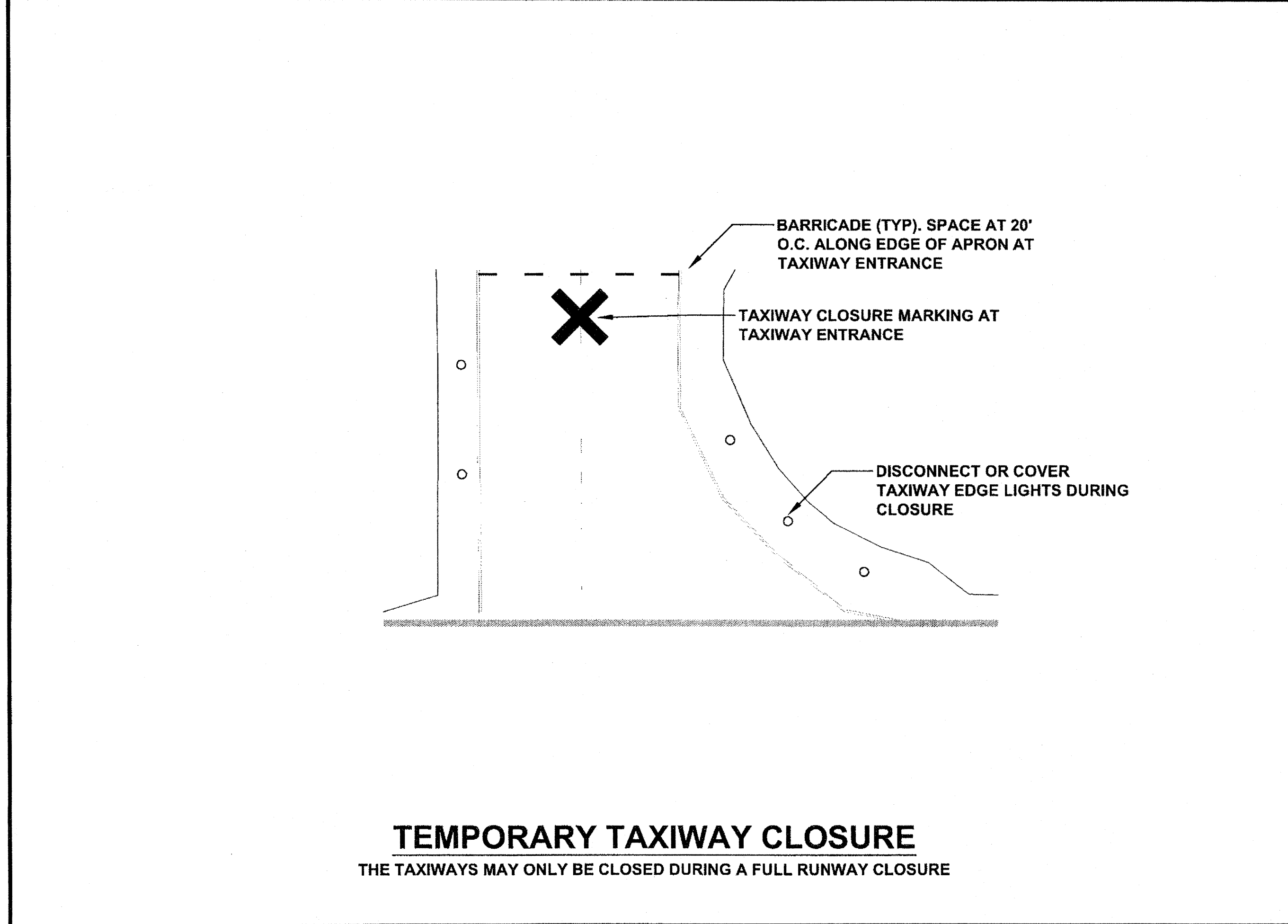
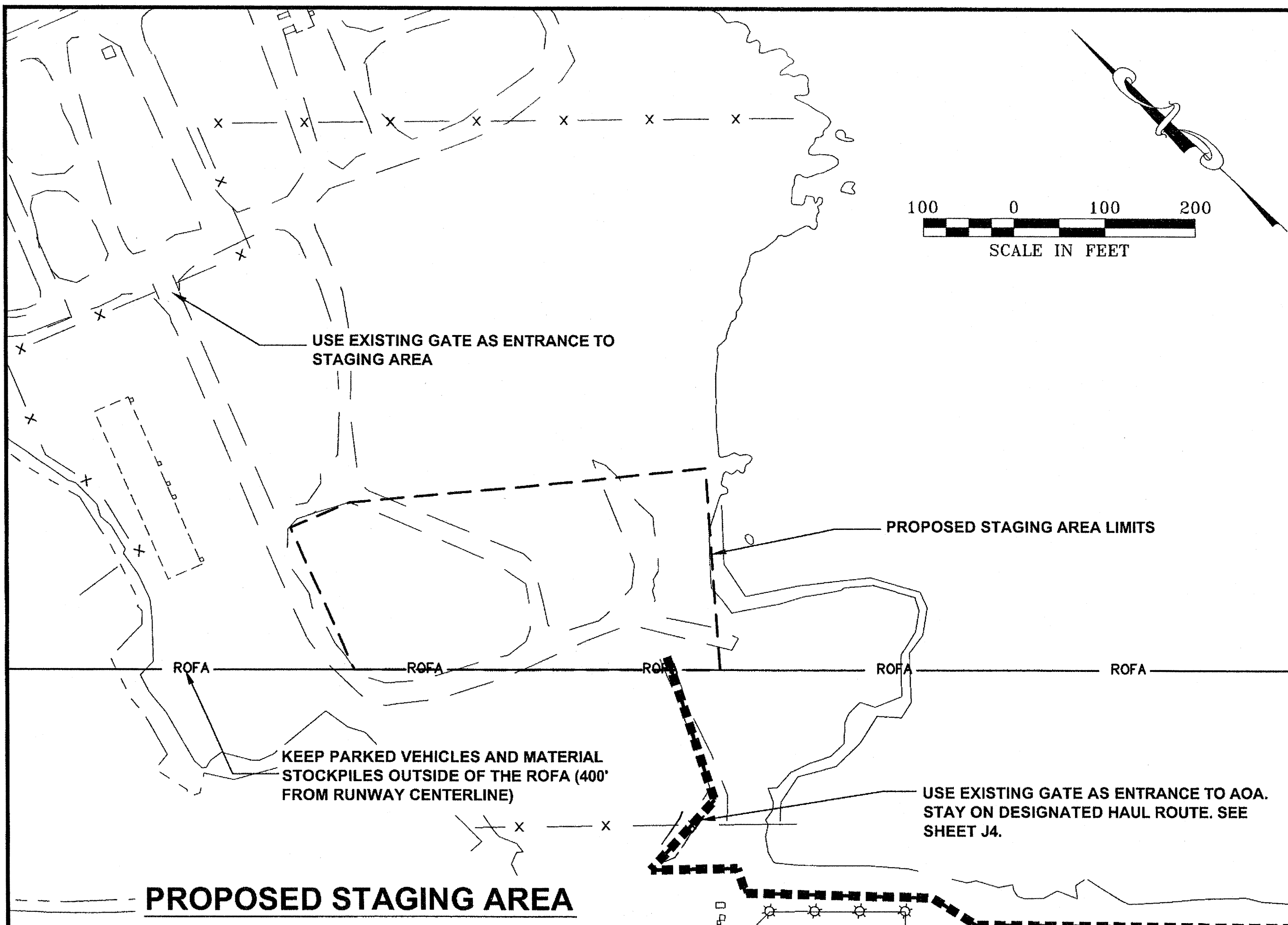
**AIP-3-02-0268-026-2010**

STATE	YEAR
<b>ALASKA</b>	<b>2010</b>
SHEET NUMBER	TOTAL SHEETS
<b>J2</b>	<b>15</b>

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH:Q:\SIT\69298\PLANSET\69298 J1-J5 SAFETY.DWG  
 WEAVER, JON M (DOT)  
 TAB: J3  
 ADDENDUM NUMBER  
 ATTACHMENT NUMBER  
 RECORD OF REVISIONS  

No.	DATE	DESCRIPTION



**PLAN LEGEND**

CHECKED BY: C. TRIPP

DESIGNED BY: J. WEAVER  
 DRAWN BY: J. WEAVER

STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES  
 SOUTHEAST REGION

SITKA  
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**SAFETY PLAN**

PROJECT DESIGNATION  
**AIP-3-02-0268-026-2010**

STATE	YEAR
ALASKA	2010
SHEET NUMBER	TOTAL SHEETS
J3	15

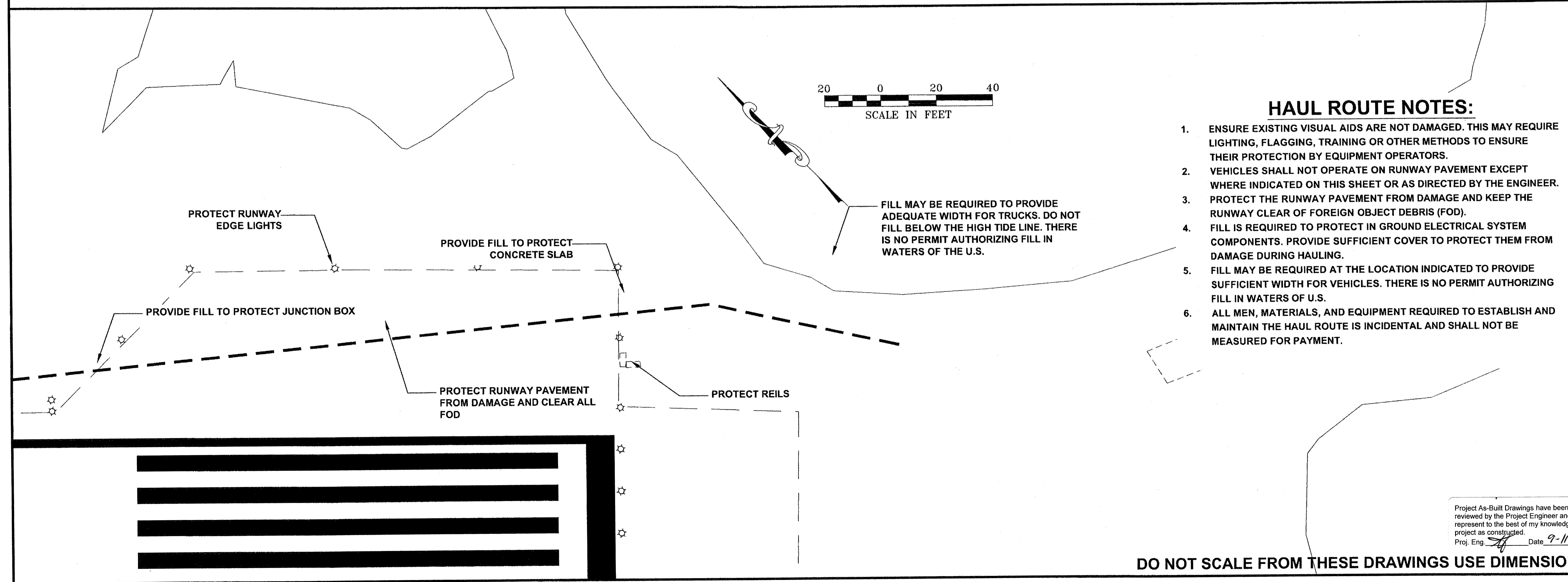
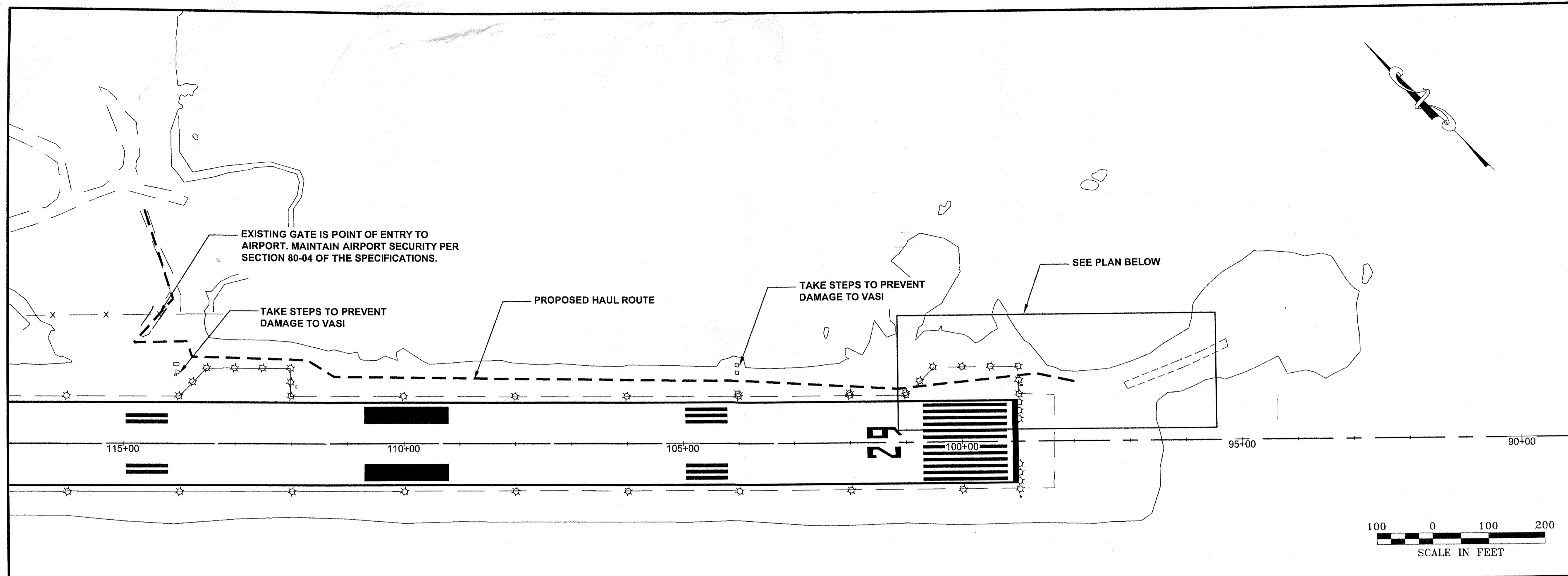
Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.  
 Proj. Eng. *[Signature]* Date: 9-11-13

DISCONNECT OR COVER RUNWAY THRESHOLD LIGHTS DURING CLOSURE

PATH:Q:\SIT\69298\PLANSET\69298 J1-J5 SAFETY.DWG

WEAVER, JON M (DOT)  
TAB: J4

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ATTACHMENT NUMBER		
RECORD OF REVISIONS		
No.	DATE	DESCRIPTION



**PLAN LEGEND**

CHECKED BY: C. TRIPP

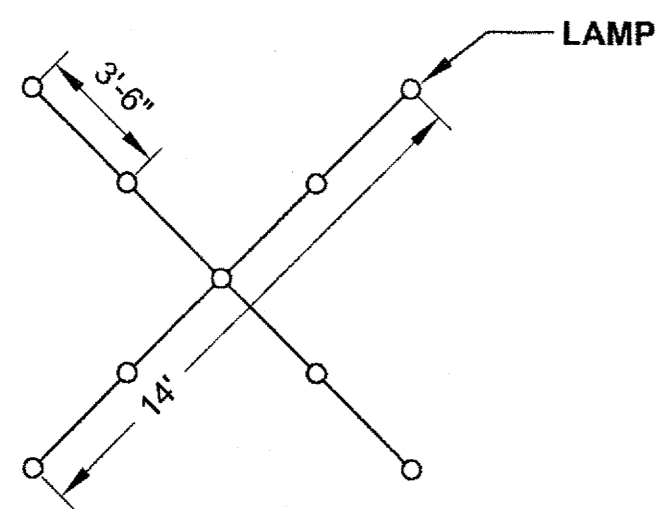
DESIGNED BY: J. WEAVER  
DRAWN BY: J. WEAVER

STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION  
& PUBLIC FACILITIES  
SOUTHEAST REGION

SITKA  
ROCKY GUTIERREZ AIRPORT  
RSA IMPROVEMENTS  
PROJECT #69298

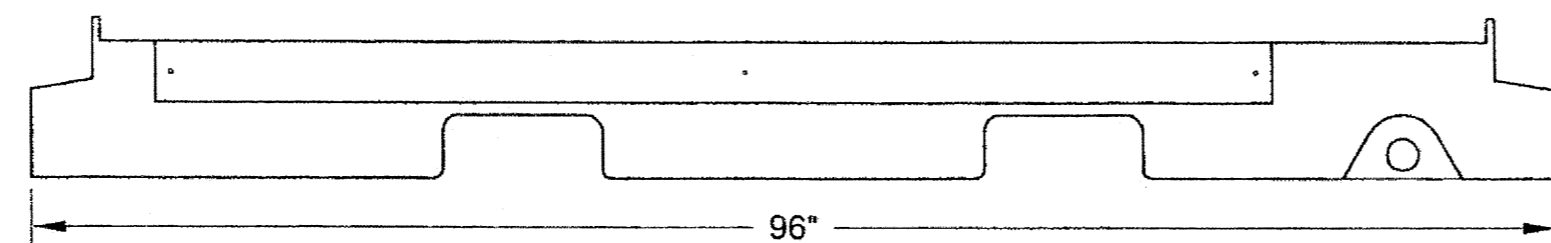
**SAFETY PLAN**

PROJECT DESIGNATION	
AIP-3-02-0268-026-2010	
STATE	YEAR
ALASKA	2010
SHEET NUMBER	TOTAL SHEETS
J4	15

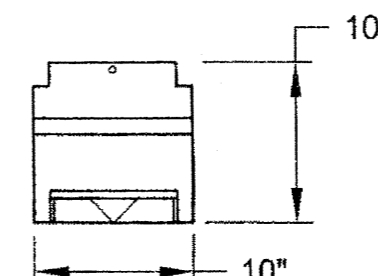


**TEMPORARY RUNWAY CLOSURE  
LIGHTED VISUAL AID**

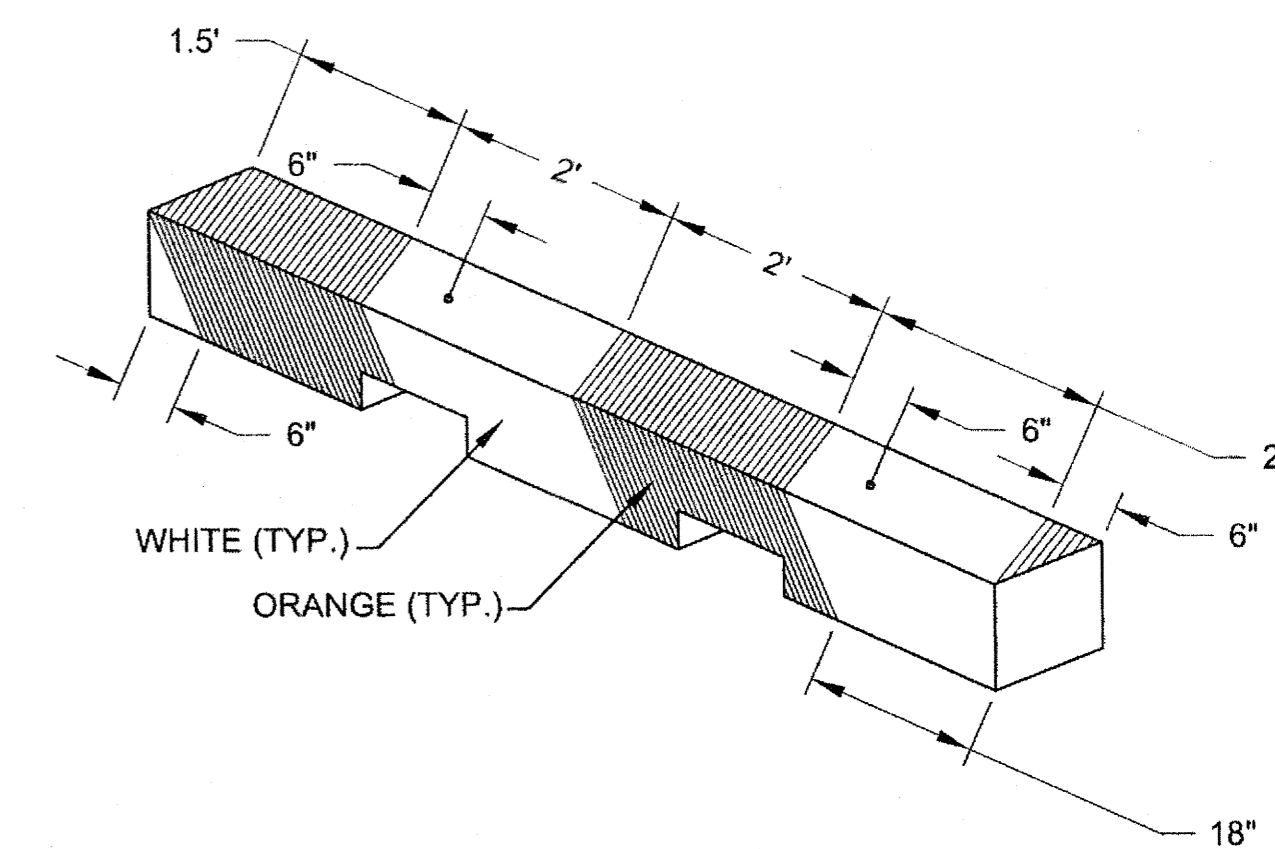
1. REFER TO AC 150/5345-55 FOR DETAILS AND SPECIFICATIONS FOR LIGHTED "X".
2. CROSSES SHALL HAVE A MEANS FOR ADJUSTING AND LEVELING TO ALLOW TILTING TO AN OPTIMUM ANGLE OF 5 DEGREES FROM VERTICAL.
3. PLACE CROSSES AT EACH END OF THE CLOSED RUNWAY ON THE RUNWAY DESIGNATION NUMBERS AND RUNWAY CENTERLINE.
4. LIGHTED "X" MARKINGS ARE FOR FULL CLOSURES ONLY AND MUST BE COMPLETELY REMOVED FROM THE RUNWAY AND SAFETY AREAS PRIOR TO ANY NIGHTTIME EMERGENCY ARRIVAL OR DEPARTURE.



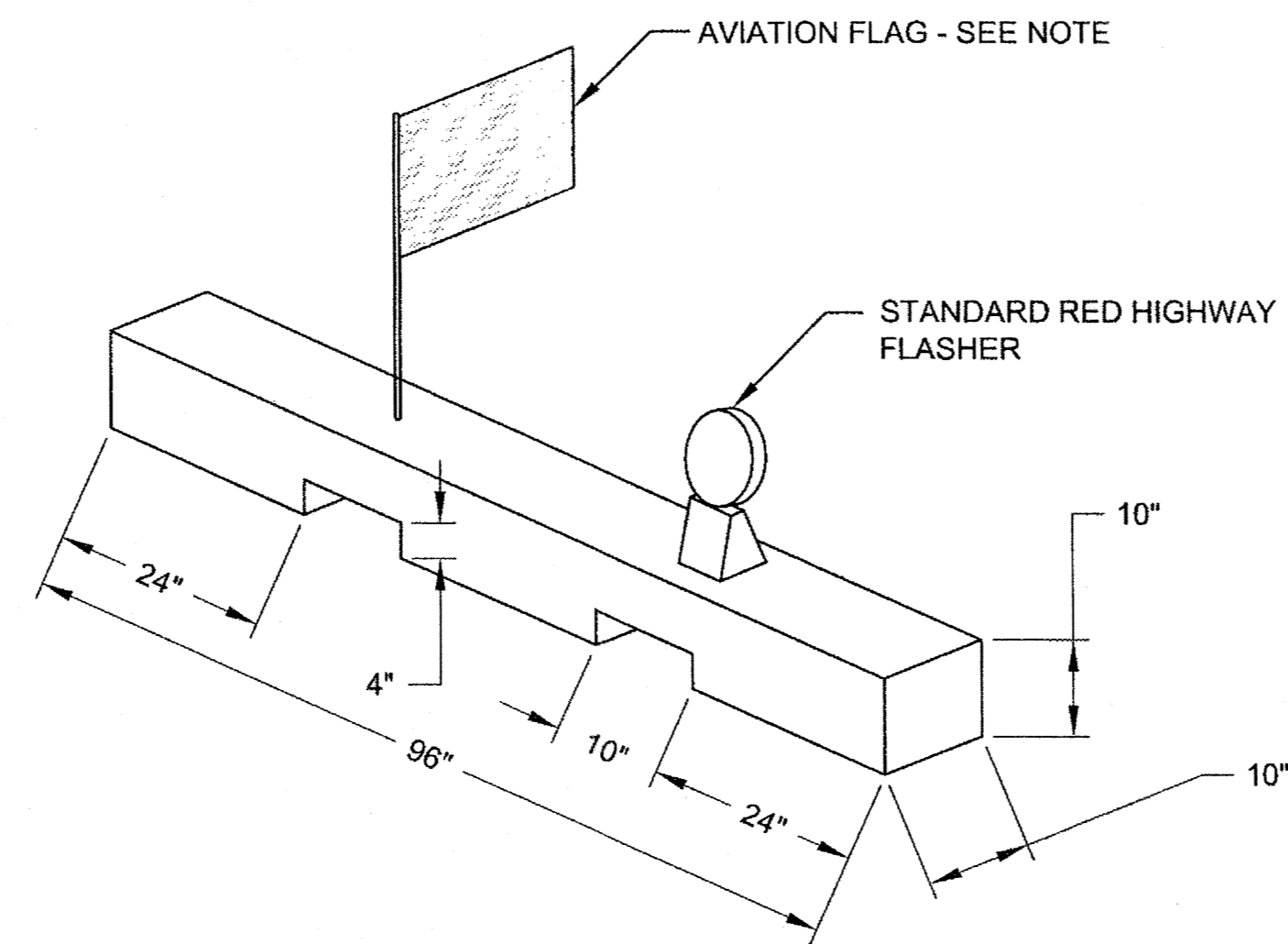
**HAZARD MARKER BARRICADE**  
ELEVATION VIEW



**HAZARD MARKER BARRICADE**  
SIDE VIEW



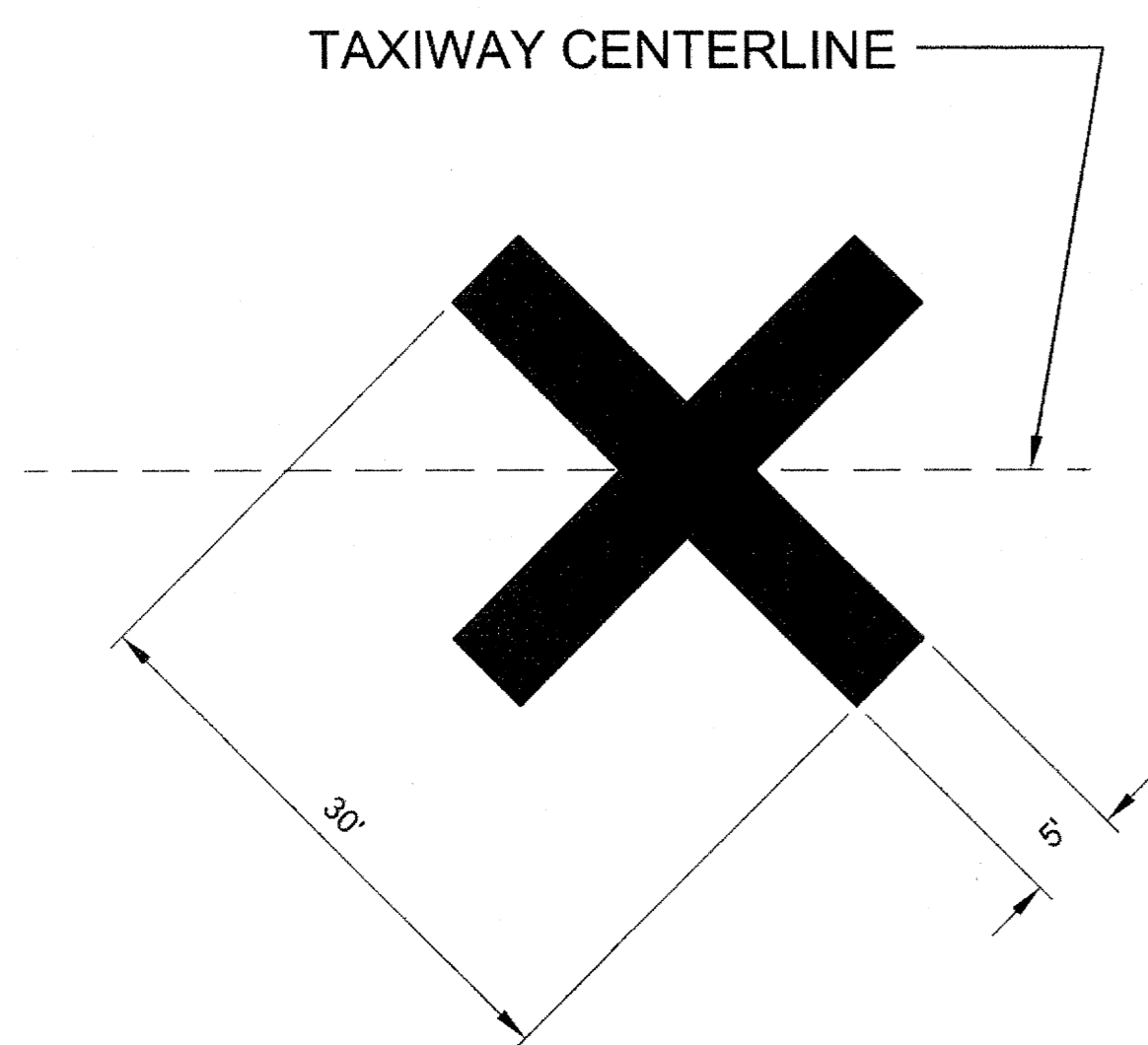
**HAZARD MARKER BARRICADE**  
STRIPING DETAIL



**HAZARD MARKER BARRICADE**  
PREPARATION OF FLAG & FLASHER MOUNT DETAIL

**HAZARD MARKER BARRICADE DETAIL**

- NOTES:
1. BARRICADES SHALL BE IN PLACE TO LIMIT ACCESS TO THE CLOSED PORTION OF THE RUNWAY/TAXIWAY.
  2. BARRICADES SHALL BE OF THE LOW STYLE (LESS THAN 10" HIGH) WHEN USED ADJACENT TO AN ACTIVE MOVEMENT AREA). MAXIMUM SPACING SHALL BE 20 FEET BETWEEN BARRIERS.
  3. THESE BARRICADES SHALL BE DELINEATED AS SHOWN IN THE FIGURE.
  4. FLAGS SHALL ALTERNATE COLOR (ORANGE/WHITE) ON EACH BARRIER AS THEY ARE PLACED IN THE AIRPORT OPERATIONS AREA, IN SEQUENCE.



**TEMPORARY CLOSURE MARKING**

1. CROSSES SHALL BE YELLOW, CONSTRUCTED OF PLASTIC AND WEIGHTED DOWN SO AS TO NOT BE MOVED BY WIND, PROP WASH OR JET BLAST. WEIGHTS SHALL BE THE SAME COLOR AS THE MARKING.
2. CROSSES SHALL BE PLACED AT THE END OF THE CLOSED TAXIWAY

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

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DESIGNED BY: J. WEAVER DRAWN BY: J. WEAVER		<b>SAFETY PLAN DETAILS</b>	
PATH: Q:\SIT\69298\PLANSET\69298 J1-J5 SAFETY.DWG TAB: J5		WEAVER, JON M (DOT)	
REVISIONS NO. DATE DESCRIPTION		PROJECT DESIGNATION AIP-3-02-0268-026-2010	YEAR 2010
		SHEET NO. J5	TOTAL SHEETS 15

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.  
 Proj. Eng. *JW* Date 9-11-12

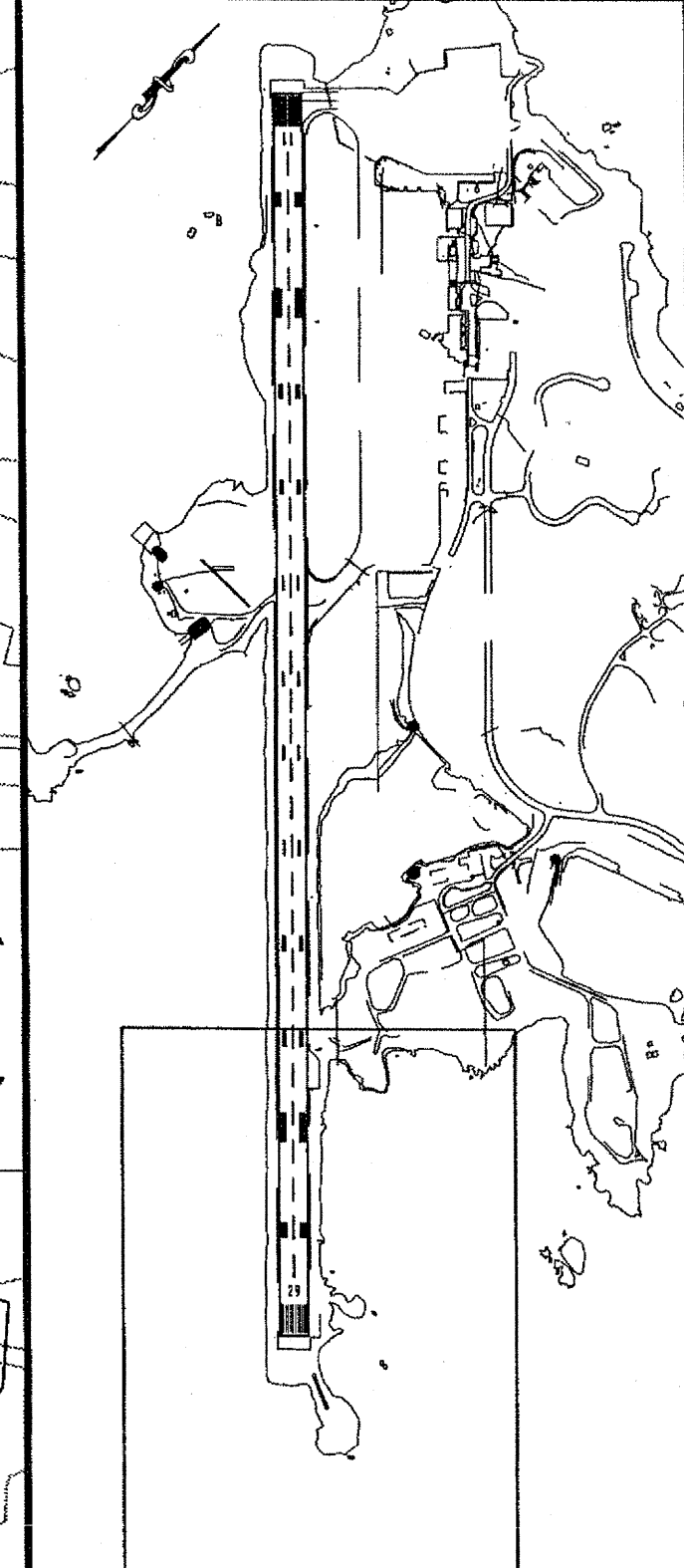
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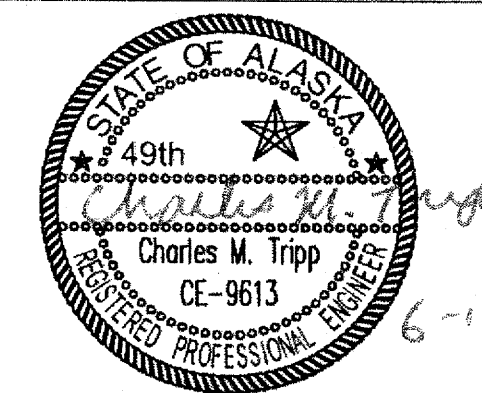
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No.	DATE	DESCRIPTION



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DESIGNED BY: J. WEAVER

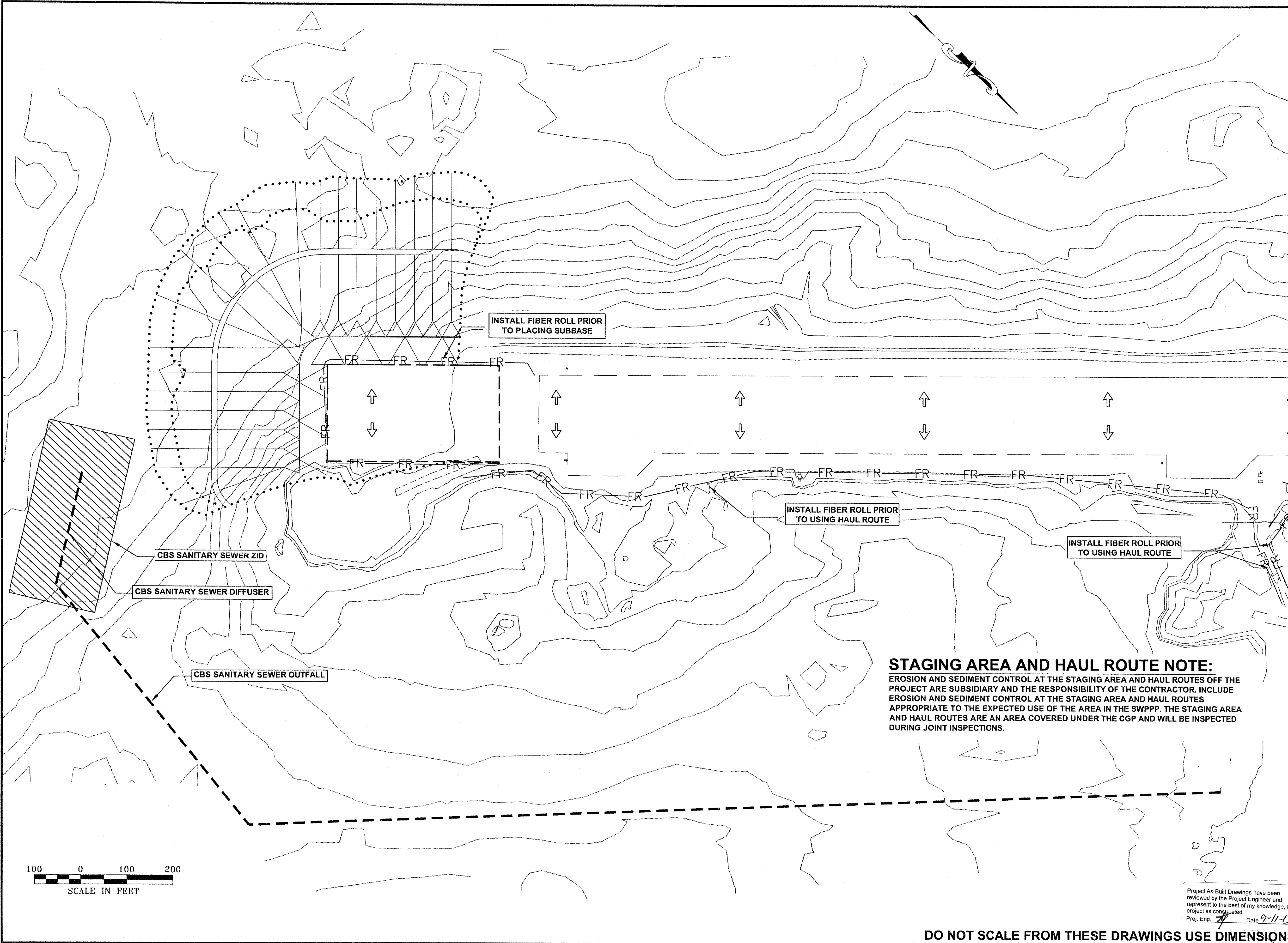
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DEPARTMENT OF TRANSPORTATION  
& PUBLIC FACILITIES  
SOUTHEAST REGION

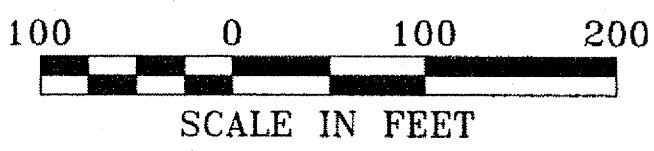
**SITKA**  
ROCKY GUTIERREZ AIRPORT  
RSA IMPROVEMENTS  
PROJECT #69298

**ESCP**  
PROJECT DESIGNATION  
**AIP-3-02-0268-026-2010**

STATE	YEAR
<b>ALASKA</b>	<b>2010</b>
SHEET NUMBER	TOTAL SHEETS
<b>T1</b>	<b>15</b>

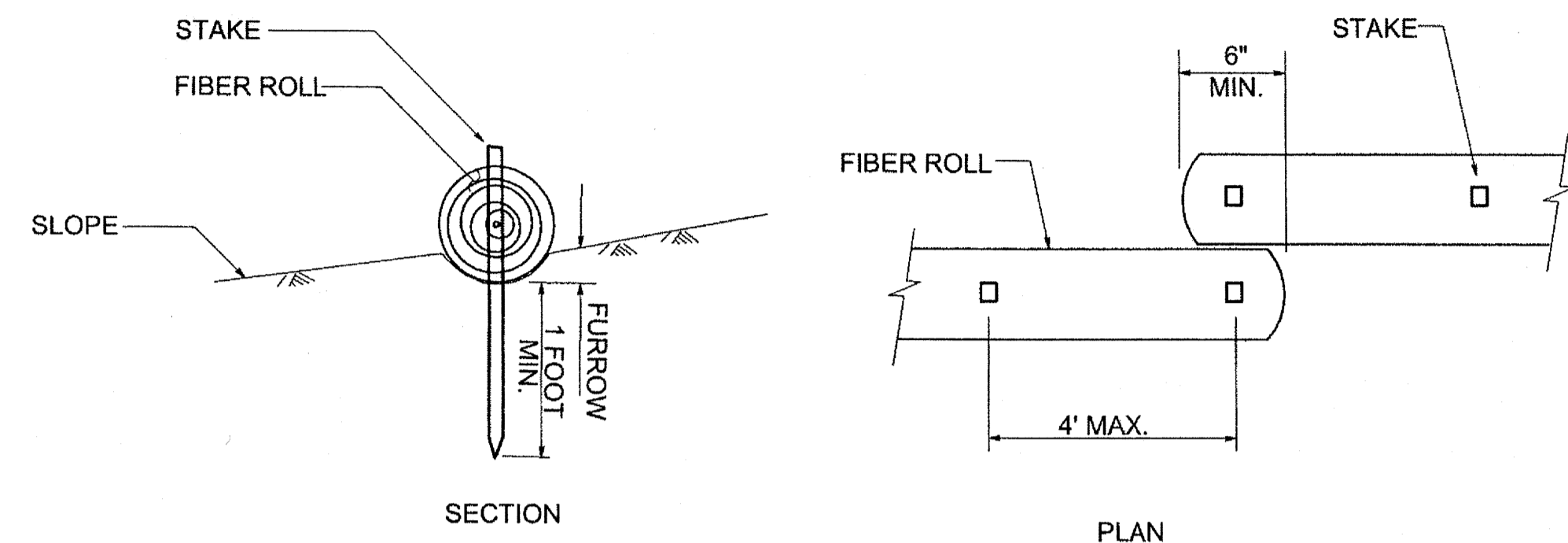


**STAGING AREA AND HAUL ROUTE NOTE:**  
EROSION AND SEDIMENT CONTROL AT THE STAGING AREA AND HAUL ROUTES OFF THE PROJECT ARE SUBSIDIARY AND THE RESPONSIBILITY OF THE CONTRACTOR. INCLUDE EROSION AND SEDIMENT CONTROL AT THE STAGING AREA AND HAUL ROUTES APPROPRIATE TO THE EXPECTED USE OF THE AREA IN THE SWPPP. THE STAGING AREA AND HAUL ROUTES ARE AN AREA COVERED UNDER THE CGP AND WILL BE INSPECTED DURING JOINT INSPECTIONS.

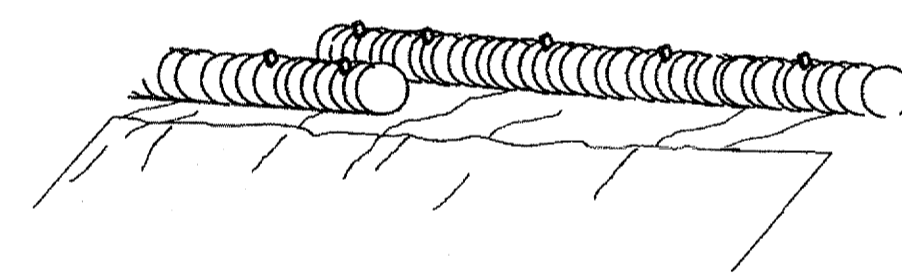


Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.  
Proj. Eng. *J. Weaver* Date *9-11-13*

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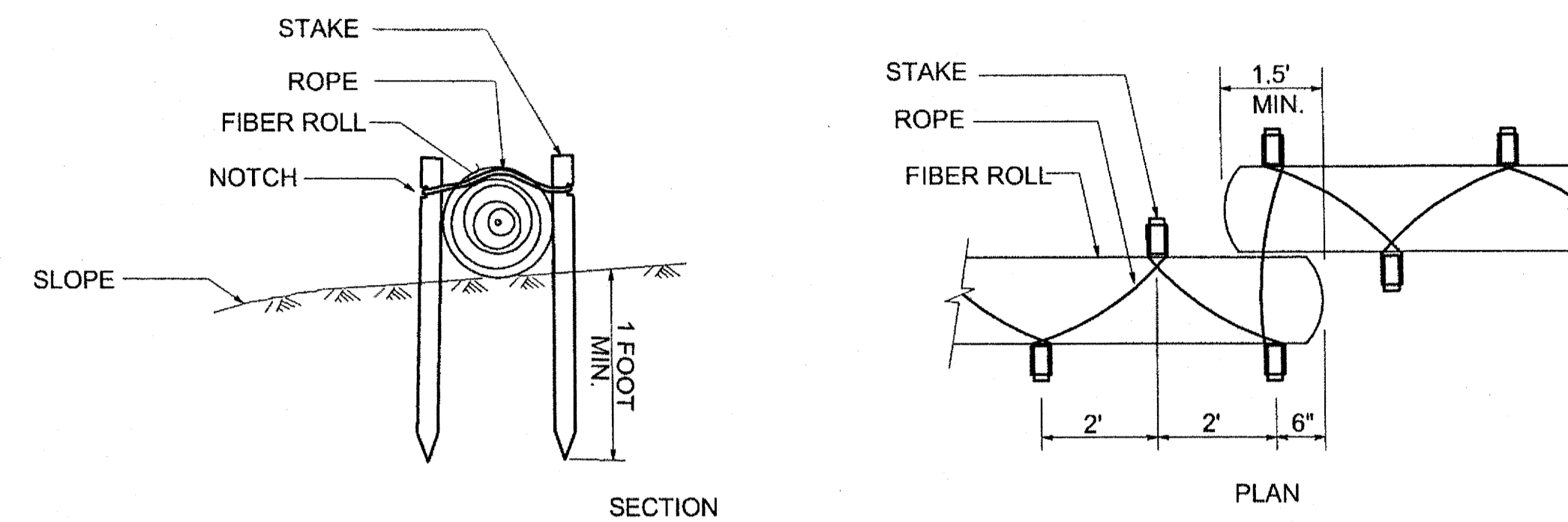


FIBER ROLL (TYPE 1)

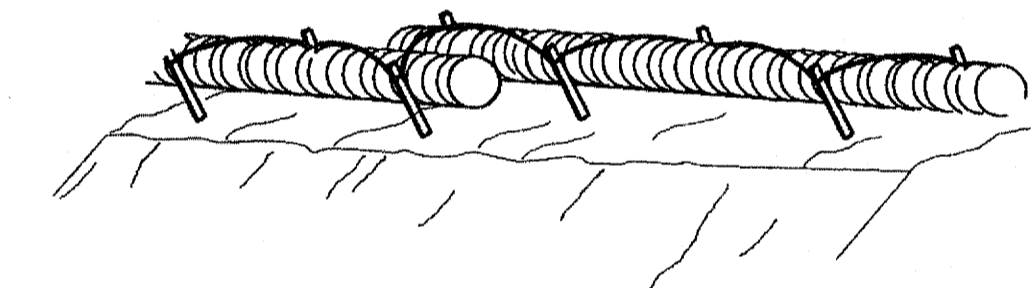


PERSPECTIVE

FIBER ROLL (TYPE 1)

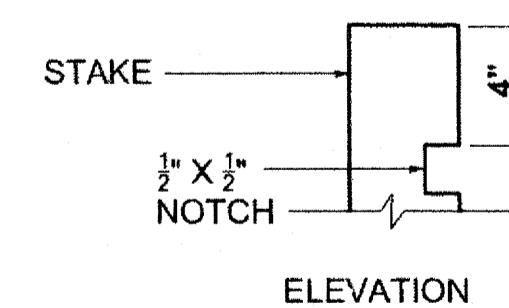


FIBER ROLL (TYPE 2)



PERSPECTIVE

FIBER ROLL (TYPE 2)



STAKE FOR FIBER ROLL (TYPE 2) NOTCH DETAIL

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.  
 Proj. Eng. *[Signature]* Date 9-11-13

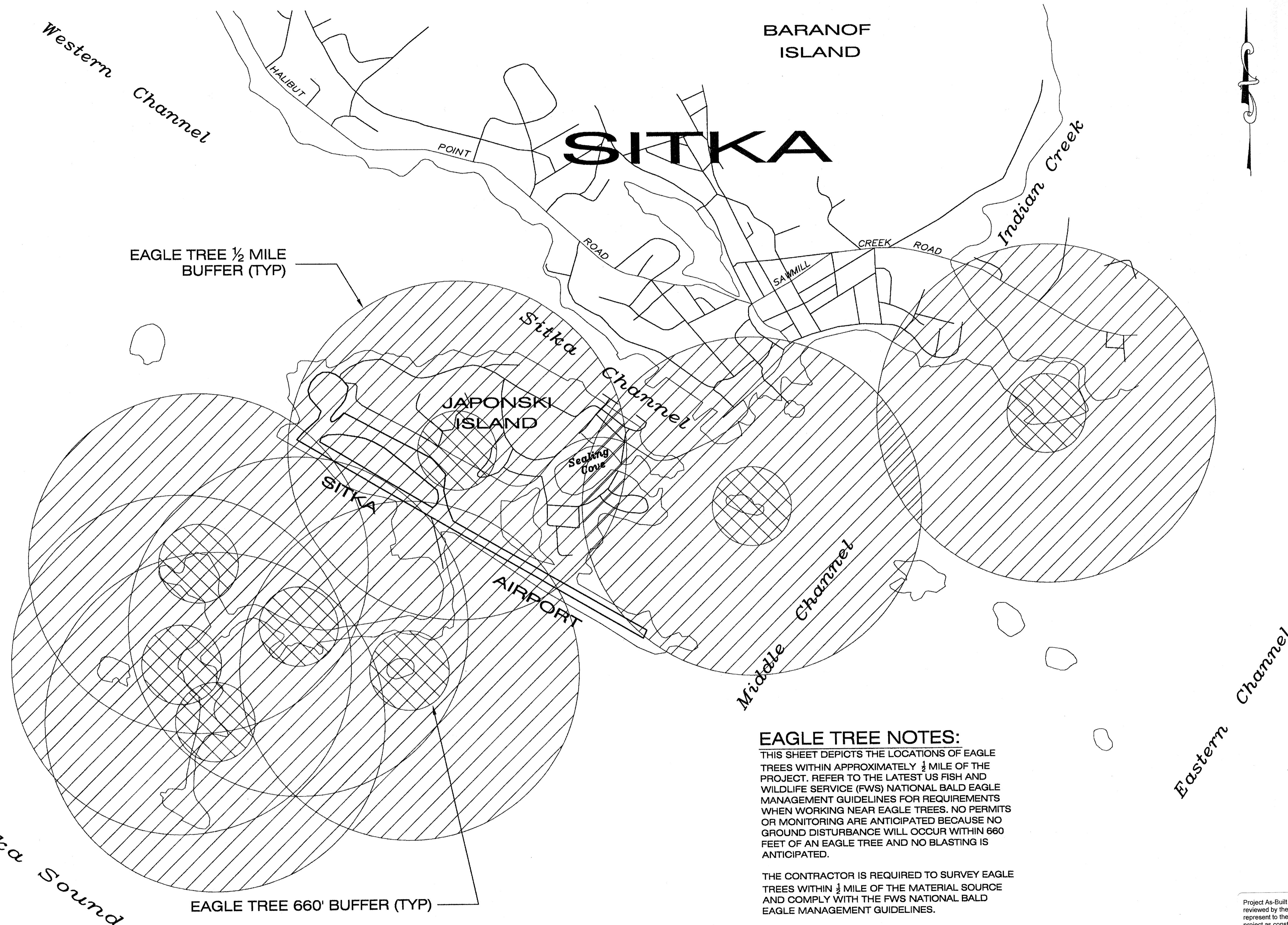
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CHECKED BY: C. TRIPP 		STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHEAST REGION <b>SITKA          ROCKY GUTIERREZ AIRPORT          RSA IMPROVEMENTS          PROJECT #69298</b>												
DESIGNED BY: J. WEAVER DRAWN BY: J. WEAVER		<b>ESCP DETAILS</b>												
PATH: Q:\SIT\69298\PLANS\T1-T3 ESCP.DWG TAB: T2		WEAVER, JON M (DOT)												
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REVISIONS														
NO.	DATE	DESCRIPTION												

WEAVER, JON M (DOT)  
TAB: T3

ADDENDUM NUMBER  
ATTACHMENT NUMBER

RECORD OF REVISIONS		
No.	DATE	DESCRIPTION



**EAGLE TREE NOTES:**  
THIS SHEET DEPICTS THE LOCATIONS OF EAGLE TREES WITHIN APPROXIMATELY 1/2 MILE OF THE PROJECT. REFER TO THE LATEST US FISH AND WILDLIFE SERVICE (FWS) NATIONAL BALD EAGLE MANAGEMENT GUIDELINES FOR REQUIREMENTS WHEN WORKING NEAR EAGLE TREES. NO PERMITS OR MONITORING ARE ANTICIPATED BECAUSE NO GROUND DISTURBANCE WILL OCCUR WITHIN 660 FEET OF AN EAGLE TREE AND NO BLASTING IS ANTICIPATED.

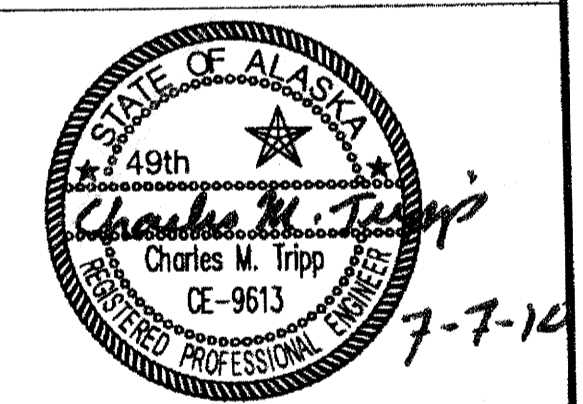
THE CONTRACTOR IS REQUIRED TO SURVEY EAGLE TREES WITHIN 1/2 MILE OF THE MATERIAL SOURCE AND COMPLY WITH THE FWS NATIONAL BALD EAGLE MANAGEMENT GUIDELINES.

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.  
Proj. Eng. *JW* Date 9-11-13

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**PLAN LEGEND**

CHECKED BY: C. TRIPP



DESIGNED BY: J. WEAVER  
DRAWN BY: J. WEAVER

STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES  
SOUTHEAST REGION

SITKA  
ROCKY GUTIERREZ AIRPORT  
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**EAGLE TREES**

PROJECT DESIGNATION  
**AIP-3-02-0268-026-2010**

STATE	YEAR
<b>ALASKA</b>	<b>2010</b>
SHEET NUMBER	TOTAL SHEETS
<b>T3</b>	<b>15</b>