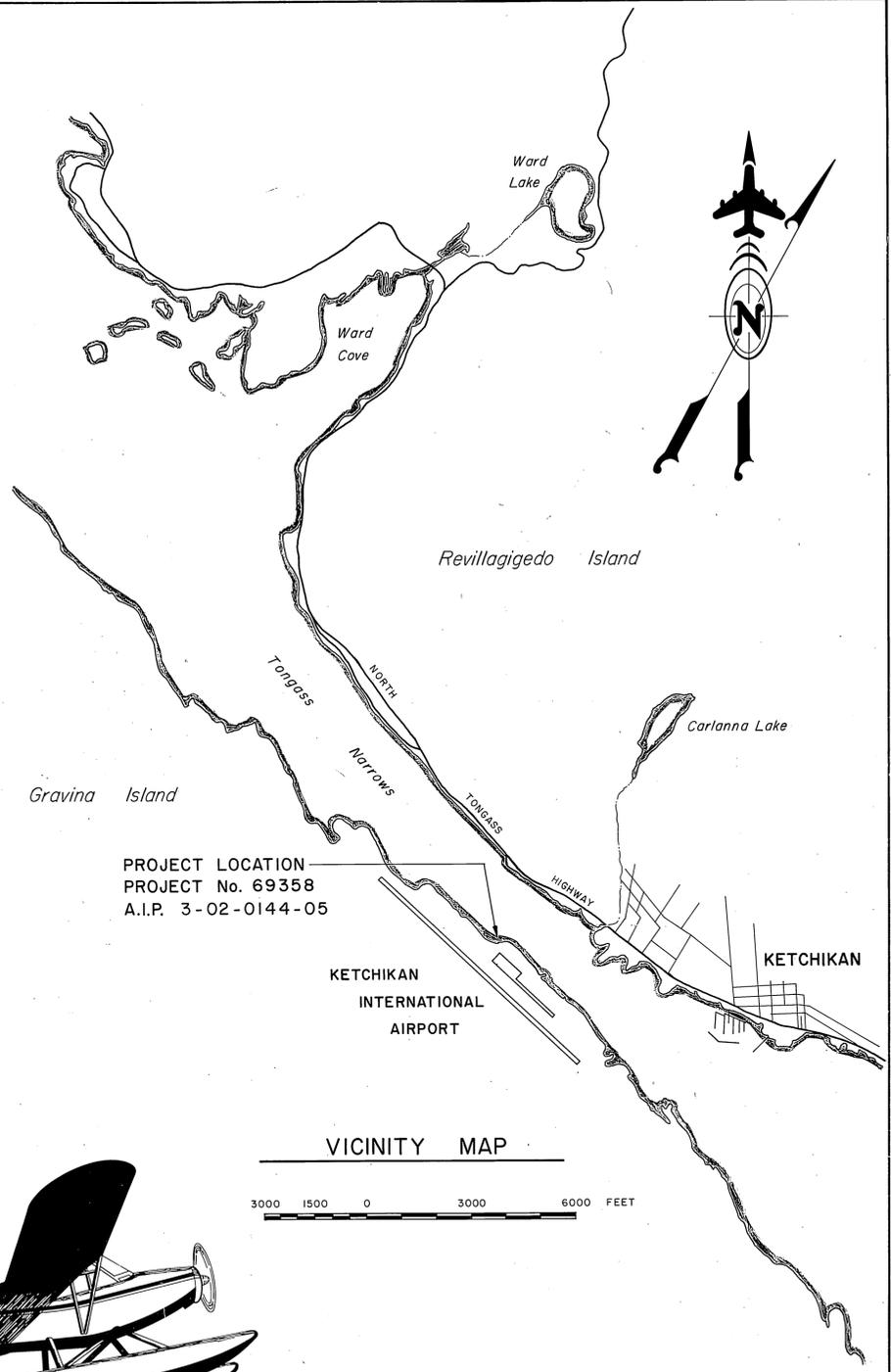


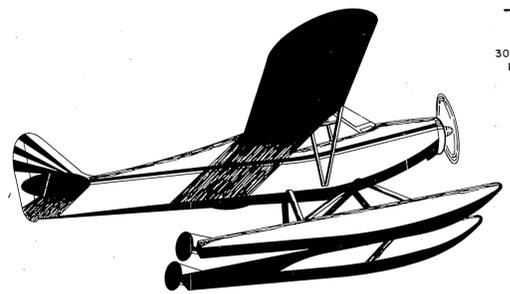
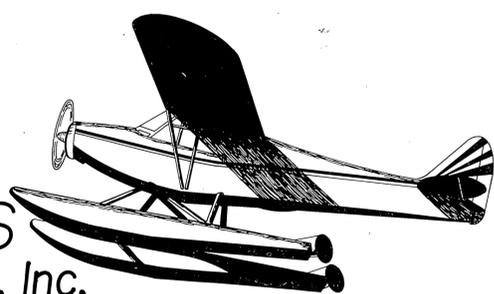
**STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES**

**SOUTHEAST REGION
DESIGN & CONSTRUCTION**

**KETCHIKAN AIRPORT SEAPLANE
FLOAT ACCESS
PROJECT NO. 69358
A.I.P. 3-02-0144-05**



"AS-BUILT" PLANS
 CONTRACTOR: South Coast, Inc.
 ORIGINAL CONTRACT AMOUNT: \$306,865
 PROJECT ENGINEER: Chuck Correa
 BEGIN CONSTRUCTION: February 23, 1988
 COMPLETION DATE: June 16, 1988



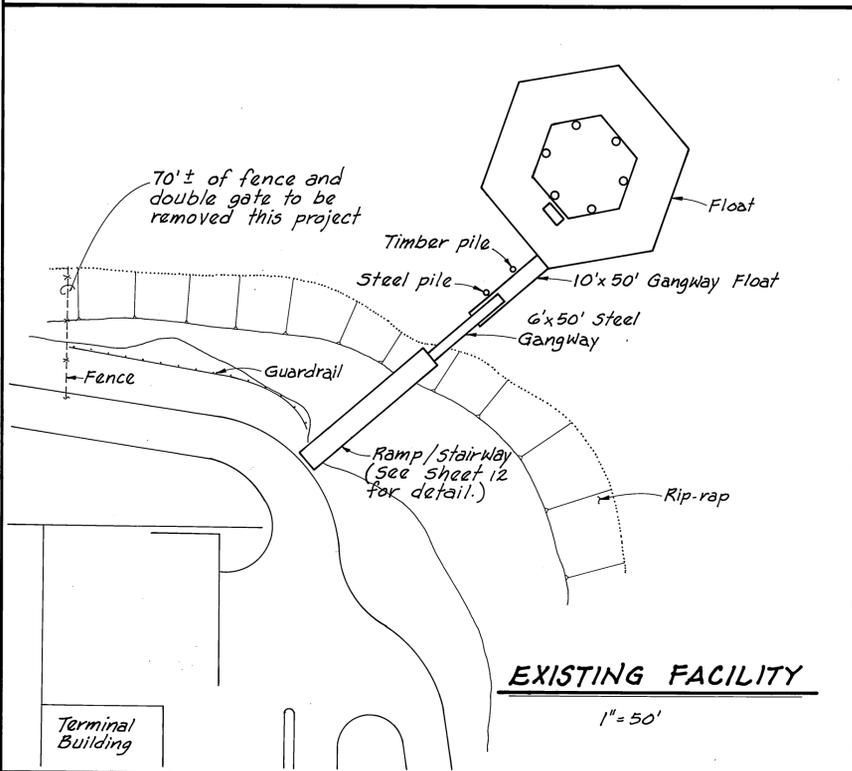
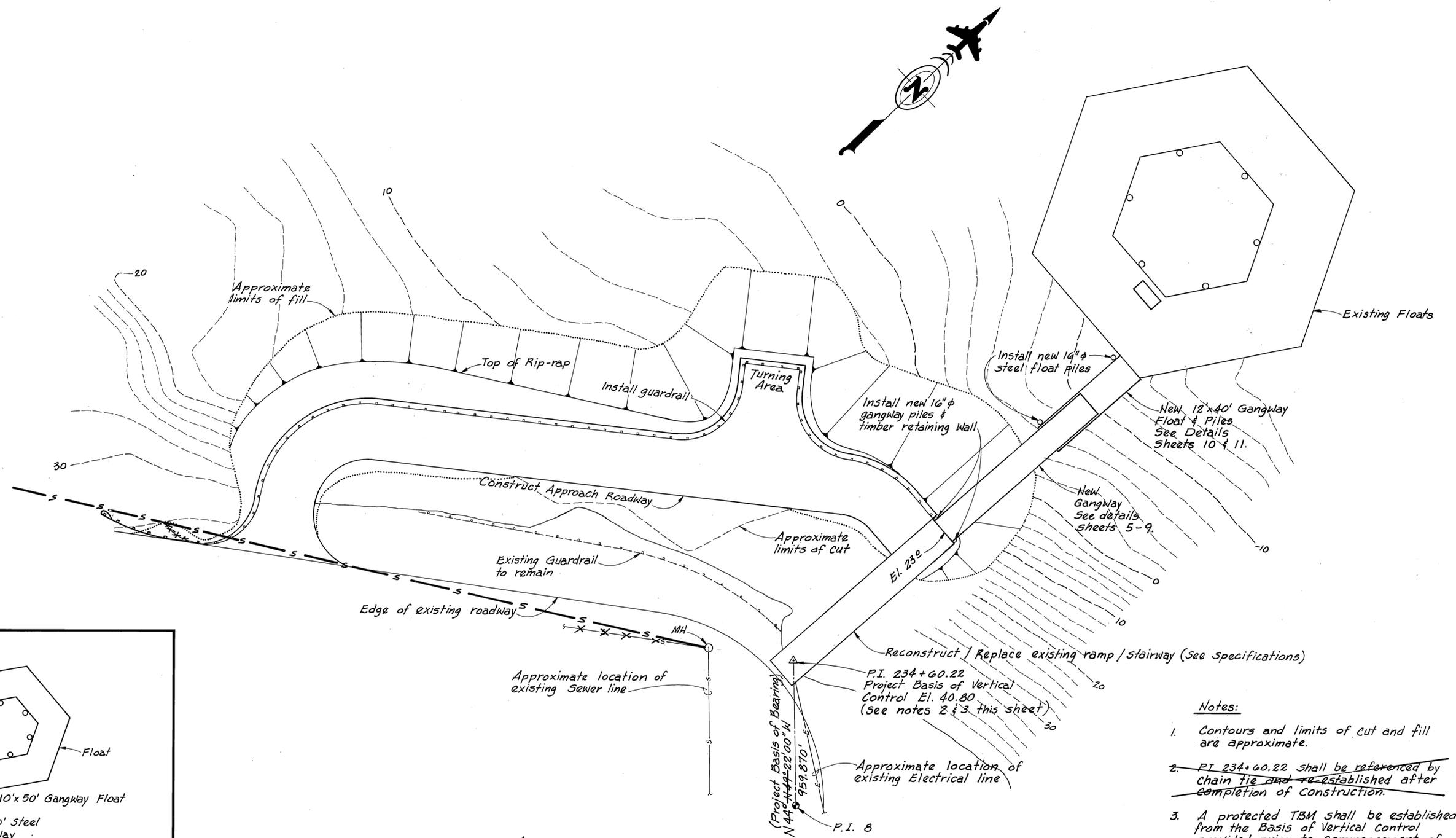
INDEX OF SHEETS	
SHT. NO.	DESCRIPTION
1.	TITLE SHEET
2.	PROJECT LAYOUT
3.	ACCESS ROAD
4.	PROJECT ALIGNMENT
5.	GANGWAY FRAMING DETAIL
6.	GANGWAY DETAILS
7.	GANGWAY ROOFING & SIDING DETAILS
8 & 9	GANGWAY DETAILS
10.	GANGWAY FLOAT DETAILS
11.	PILE DETAILS
12.	EXISTING RAMP/STAIRWAY DETAILS
13 & 14	RAMP/STAIRWAY RECONSTRUCTION
15 & 16	NEW RAMP/STAIRWAY DETAILS

This Project shall include Typical Drawings G-04.02W G-18.00
G-14.03W

APPROVED

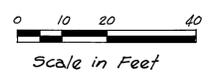
R. Diakmeyer 7-28-87
 DIRECTOR, S.E. REGION DESIGN & CONSTRUCTION DATE

RECOMMENDED
 FOR APPROVAL
Steven O. Bradford 7-28-87
 GROUP DESIGN CHIEF DATE



△ TBM "Hertz"
Elev. 43.11
PK Nail near edge
of Pavement, upper
parking level

SITE PLAN



- Notes:**
- Contours and limits of cut and fill are approximate.
 - P.I. 234+60.22 shall be referenced by Chain tie and re-established after completion of construction.
 - A protected TBM shall be established from the Basis of Vertical Control provided prior to commencement of construction.
 - Any utilities locations shown on the plans are approximate. The Contractor shall contact Utilities companies for locate services prior to excavation.

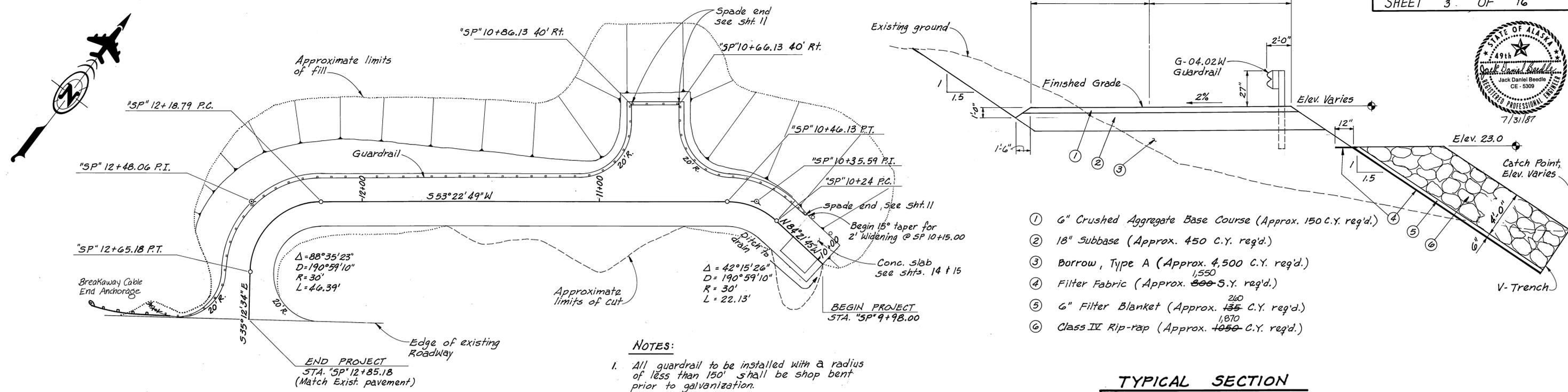
- △ PK With Washer
- Brass Cap

STAMP		DO NOT SCALE THIS DRAWING - USE DIMENSIONS	
		STATE OF ALASKA	
		DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES	
Ketchikan		Alaska	
PROJECT LAYOUT			
DESIGNED <i>D</i>	CHECKED <i>JDB</i>	DRAWN <i>BWB</i>	DATE <i>7/87</i>
PROJECT NUMBER <i>69358</i>	SHEET <i>2</i> OF <i>16</i>		



DATE	
BY	
CHECKED	
PLANNED	
NOTED	
NO.	

DATE	
BY	
CHECKED	
PLANNED	
NOTED	
NO.	

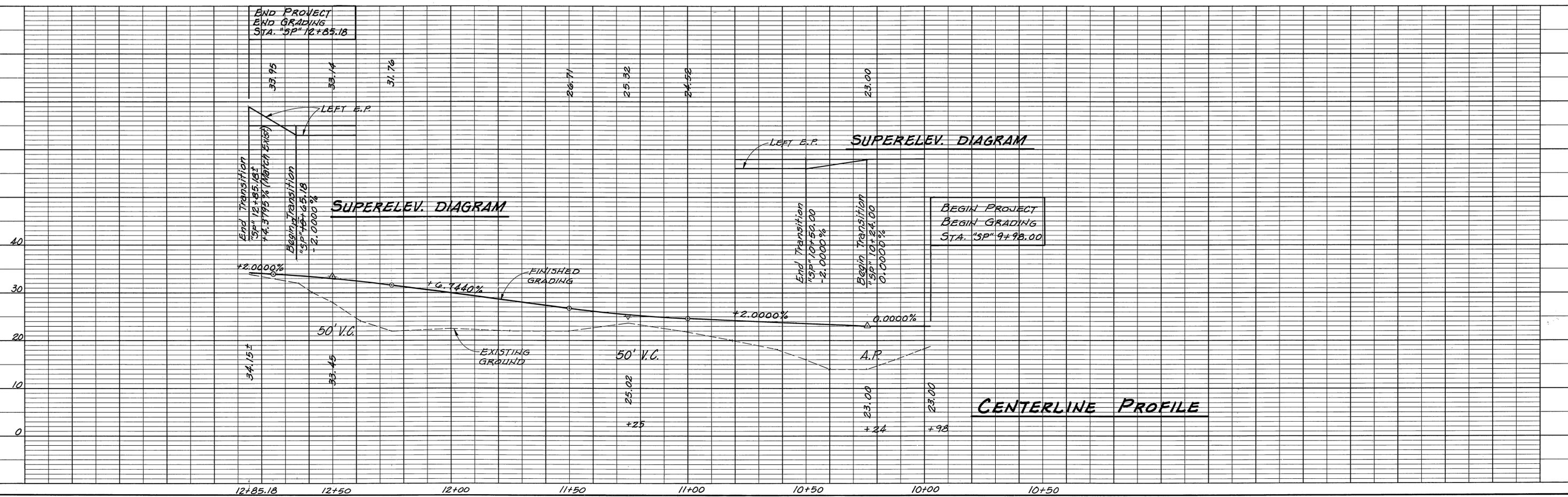


- ① 6" Crushed Aggregate Base Course (Approx. 150 C.Y. req'd.)
- ② 18" Subbase (Approx. 450 C.Y. req'd.)
- ③ Borrow, Type A (Approx. 4,500 C.Y. req'd.)
- ④ Filter Fabric (Approx. 1,550 S.Y. req'd.)
- ⑤ 6" Filter Blanket (Approx. 260 C.Y. req'd.)
- ⑥ Class II Rip-rap (Approx. 1,870 C.Y. req'd.)

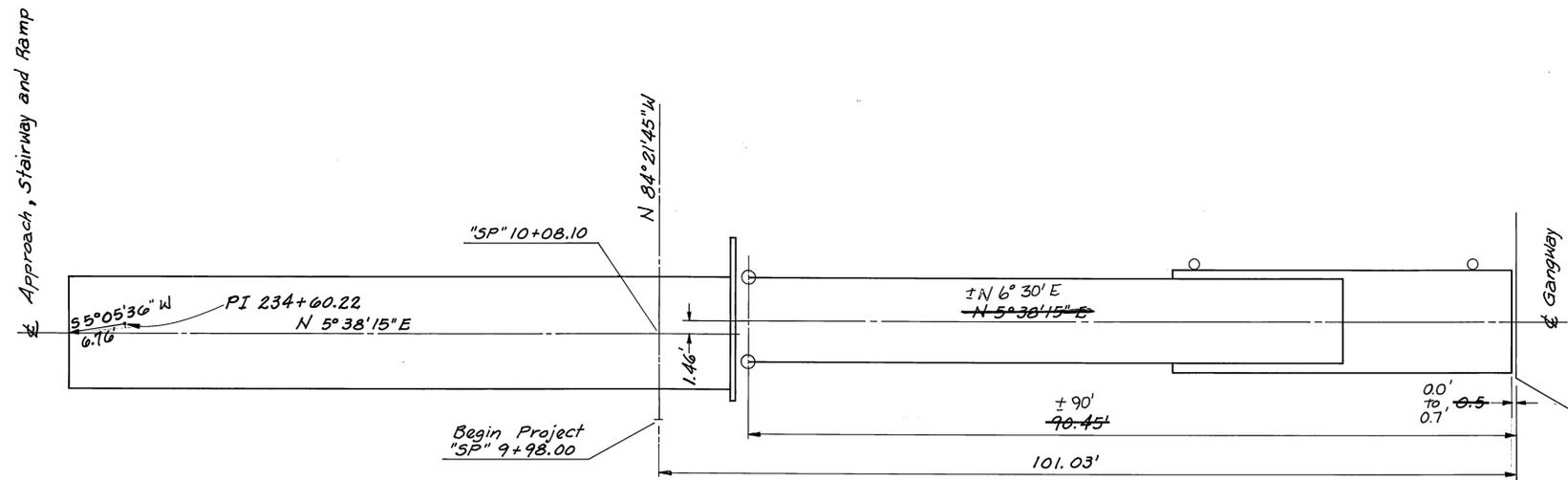
TYPICAL SECTION

- NOTES:**
1. All guardrail to be installed with a radius of less than 150' shall be shop bent prior to galvanization.
 2. Grades and Alignments shown on the plans are subject to minor revisions.
 3. Guardrail lengths and locations shown on the plans are subject to minor revisions.

LAYOUT PLAN
Scale in Feet

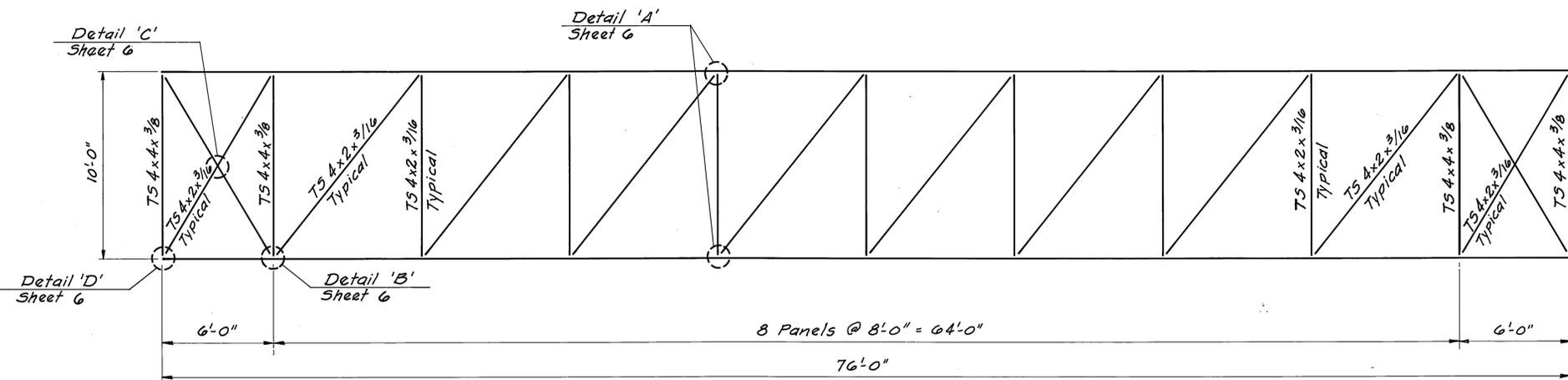


CENTERLINE PROFILE



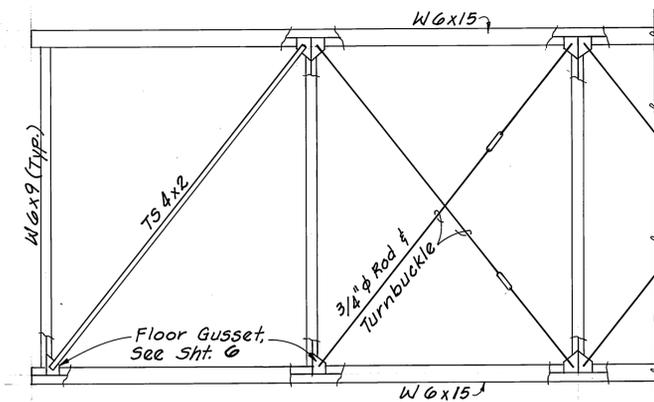
Project Alignment
1" = 10'

STAMP		DO NOT SCALE THIS DRAWING - USE DIMENSIONS	
		STATE OF ALASKA	
		DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES	
		Ketchikan	Alaska
PROJECT ALIGNMENT			
DESIGNED <u>D</u>	CHECKED <u>JDB</u>	DRAWN <u>EWB</u>	DATE <u>7-87</u>
PROJECT NUMBER <u>69358</u>	SHEET <u>4</u> OF <u>16</u>		



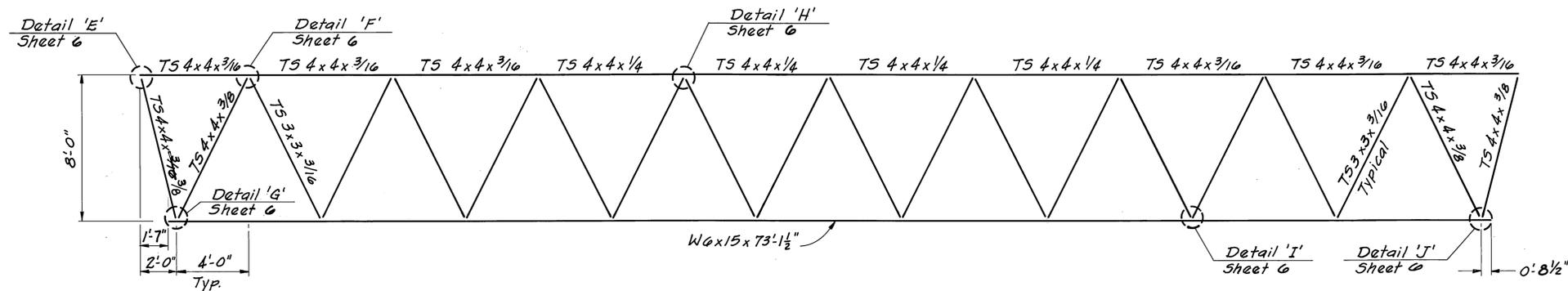
Roof Frame Plan

1/4" = 1'-0"



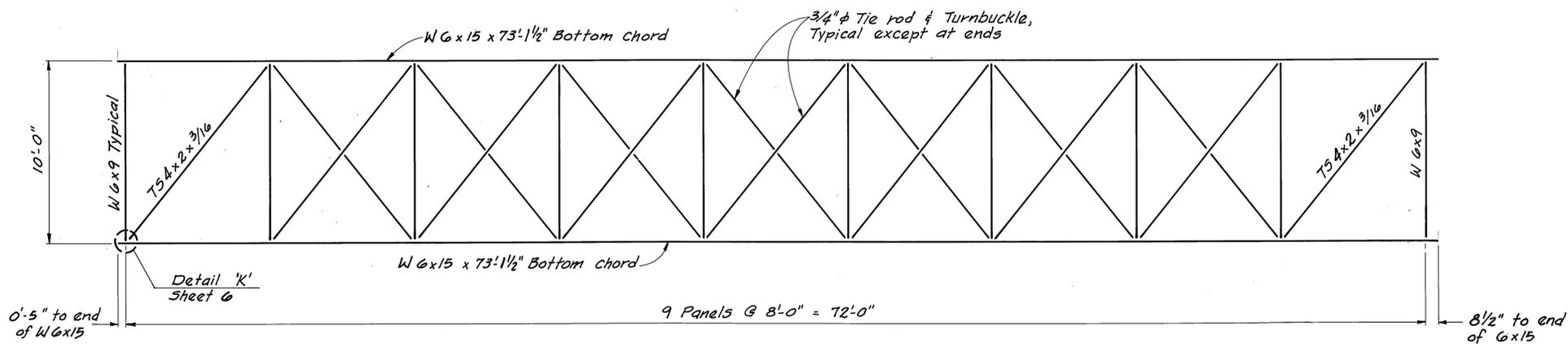
Partial Floor Layout

3/8" = 1'-0"



Elevation

1/4" = 1'-0"

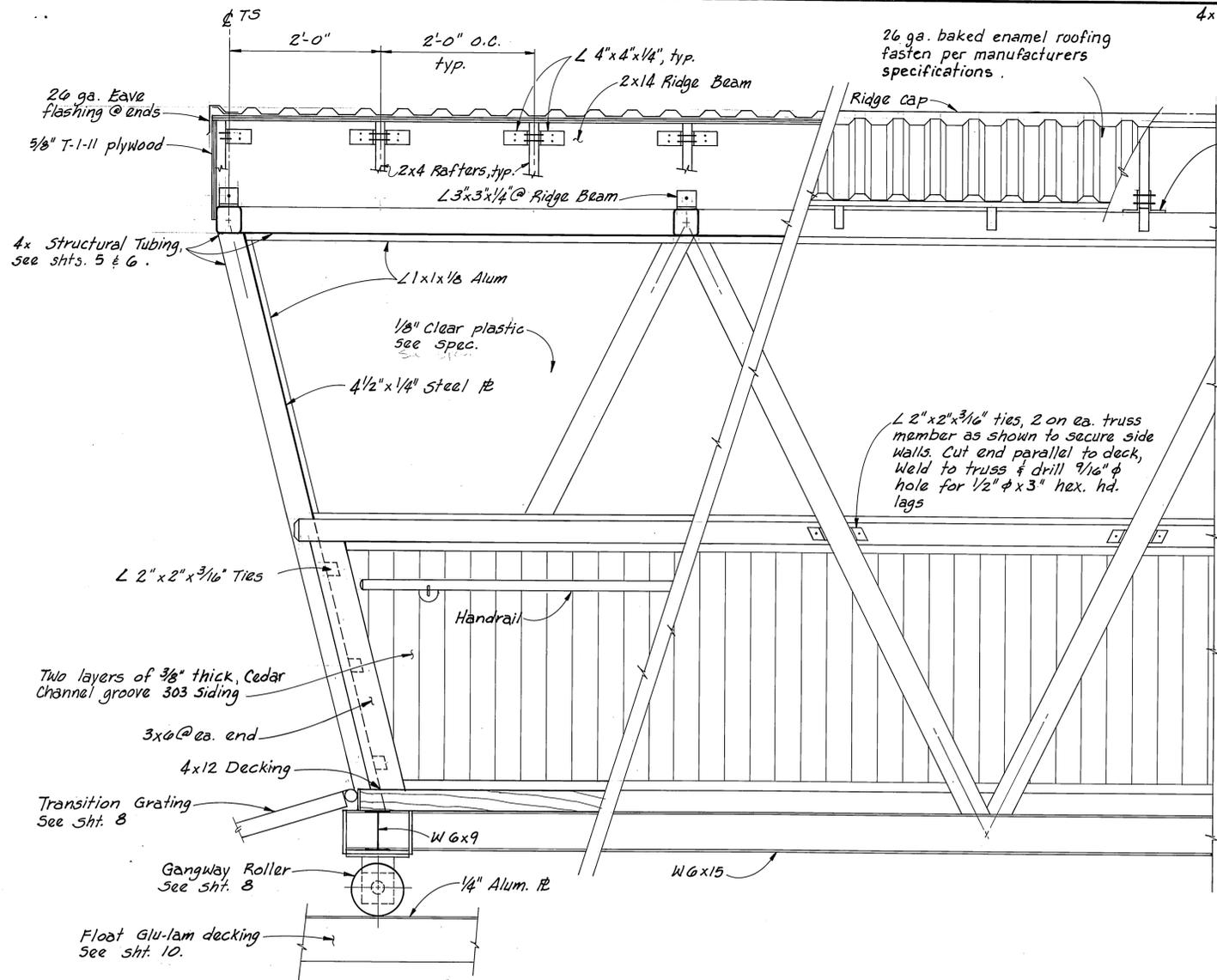


Floor Frame Plan

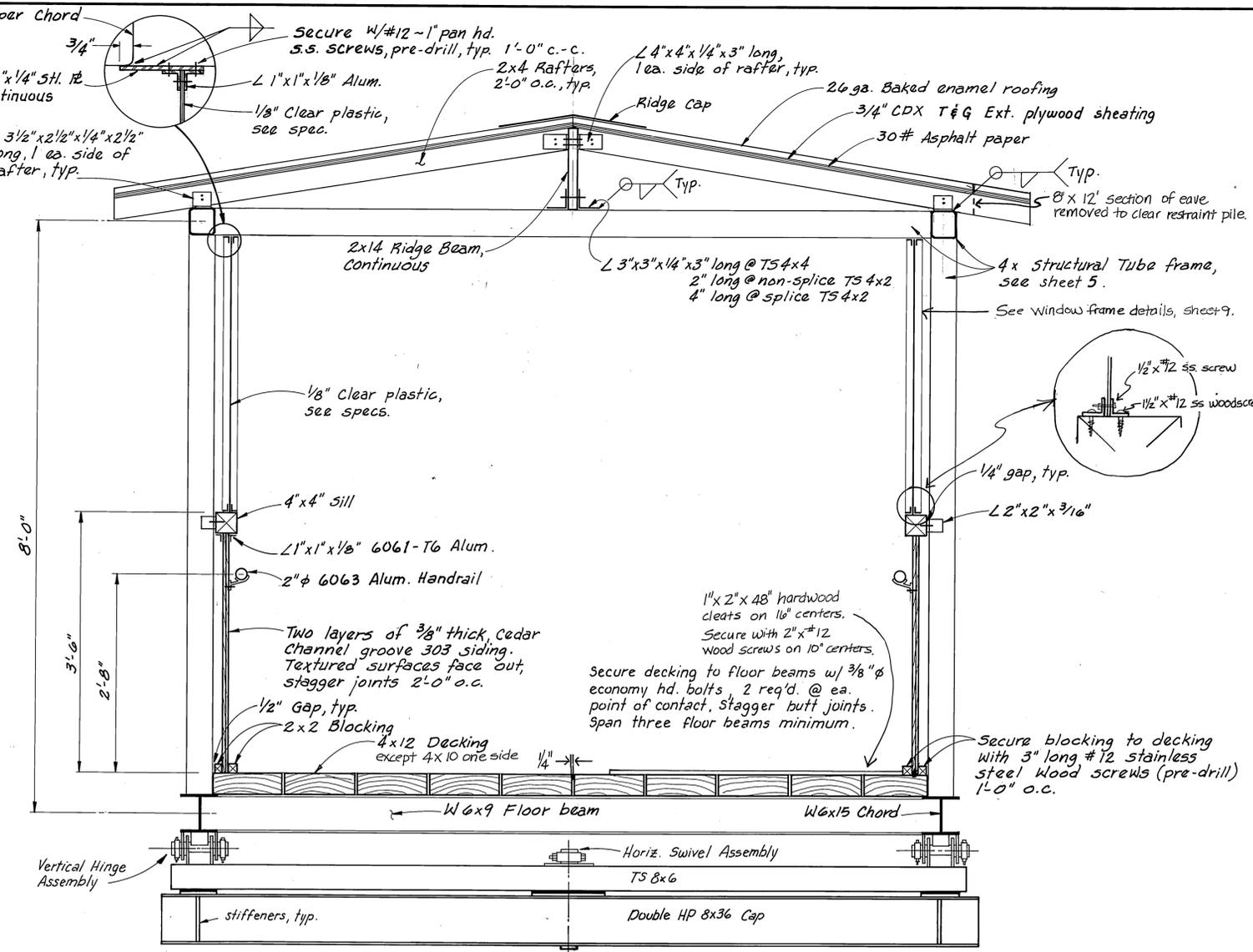
1/4" = 1'-0"

Note:
GANGWAY SHALL BE PAINTED PER SPECIFICATIONS WITH SYSTEM 2.

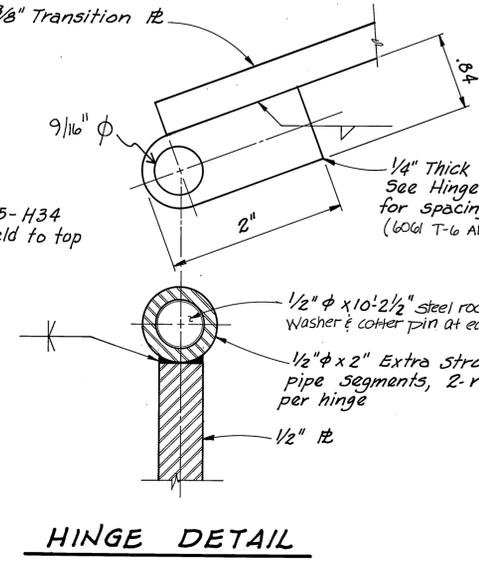
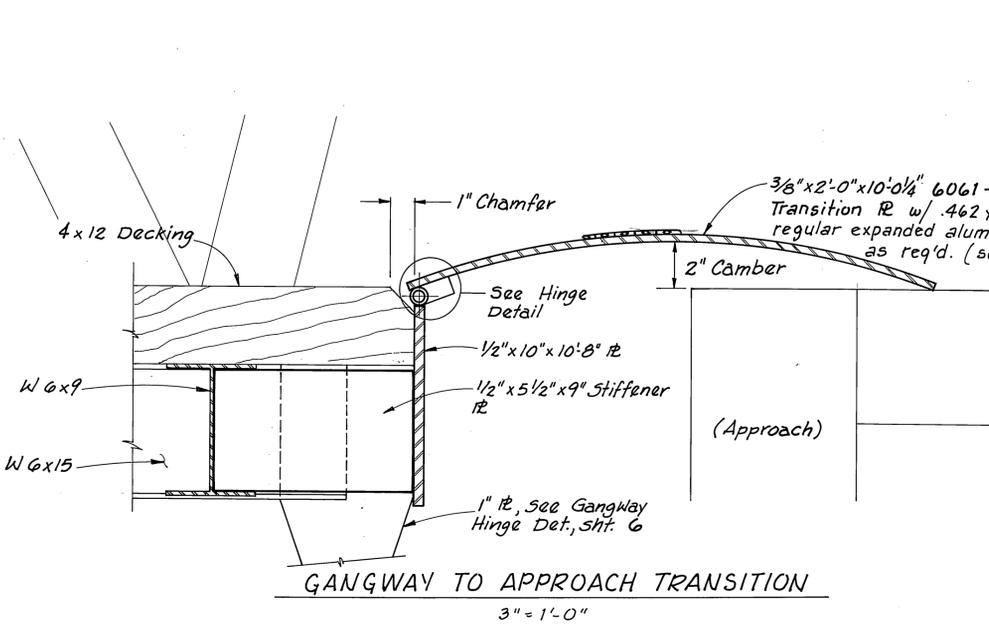
	DO NOT SCALE THIS DRAWING - USE DIMENSIONS			
	STATE OF ALASKA			
	DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES			
	Ketchikan		Alaska	
GANGWAY FRAMING DETAIL				
DESIGNED <i>D</i>	CHECKED <i>JDB</i>	DRAWN <i>BWB</i>	DATE 7-87	
PROJECT NUMBER 6935B	SHEET 5 OF 16			



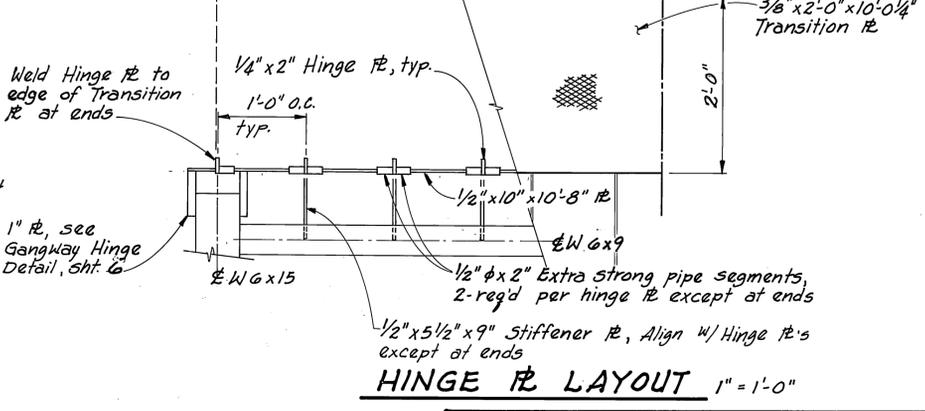
GANGWAY ELEVATION
1" = 1'-0"



GANGWAY SECTION
1" = 1'-0"

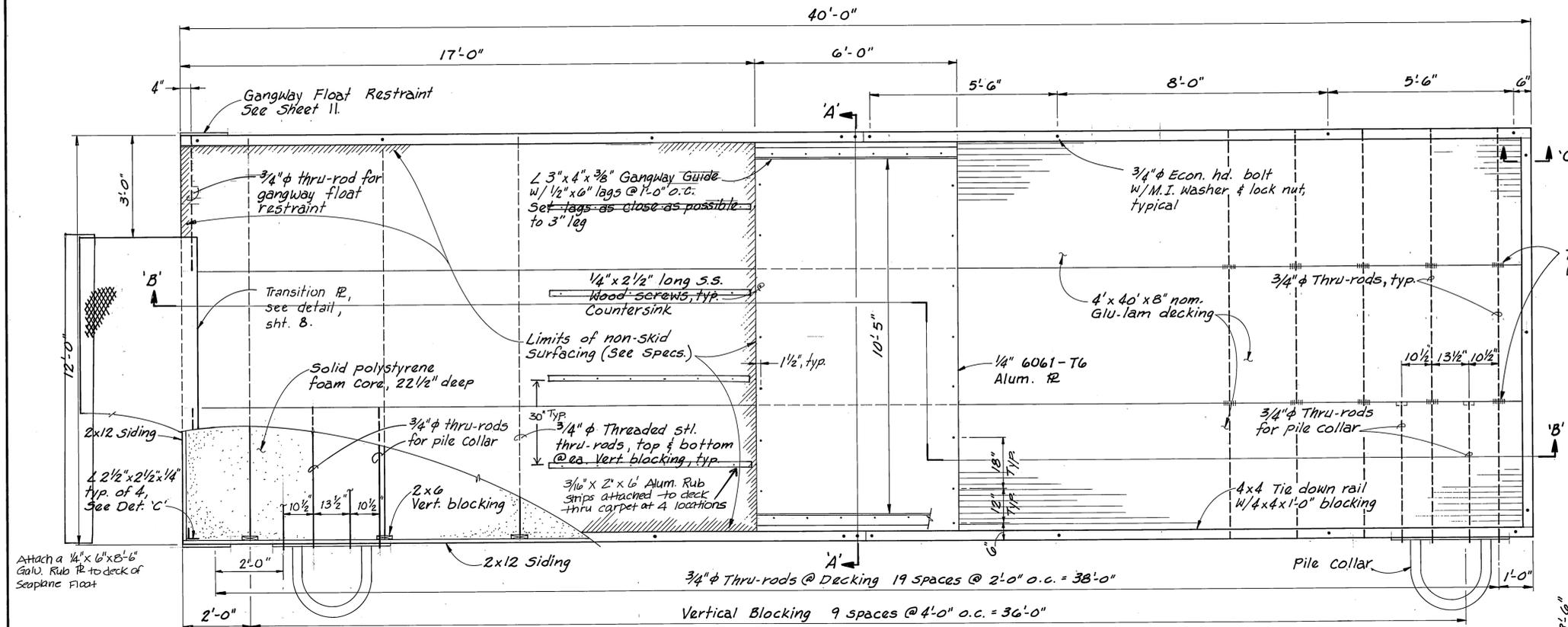


HINGE DETAIL



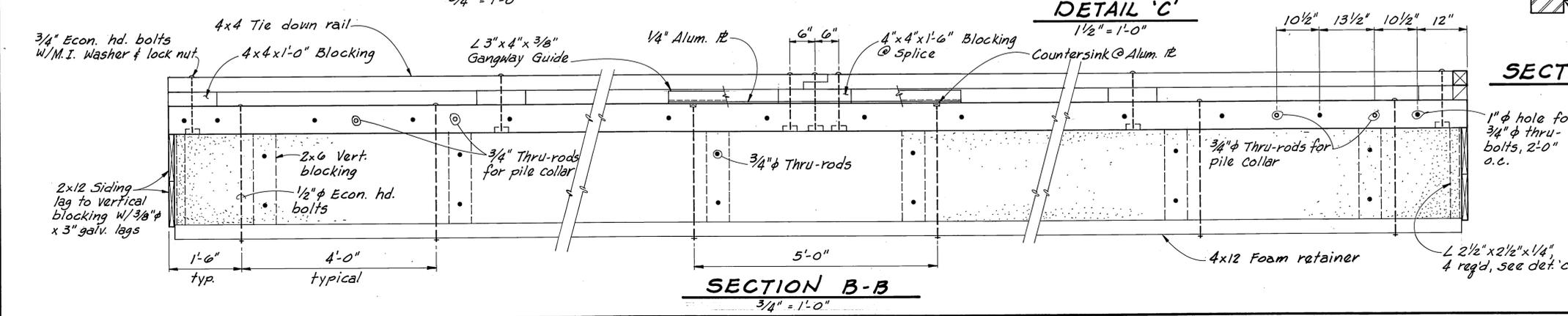
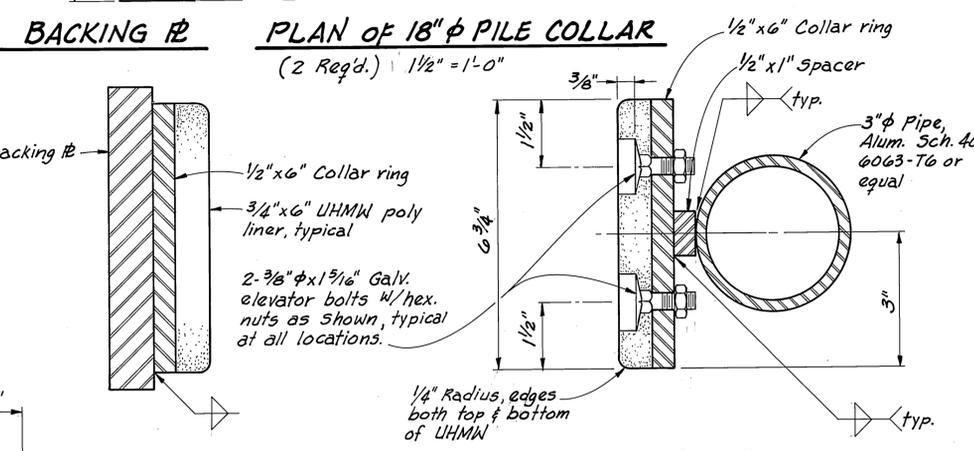
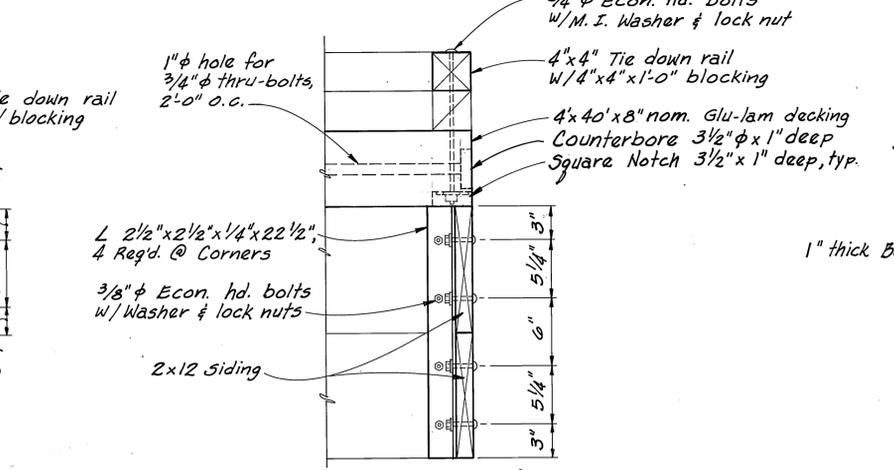
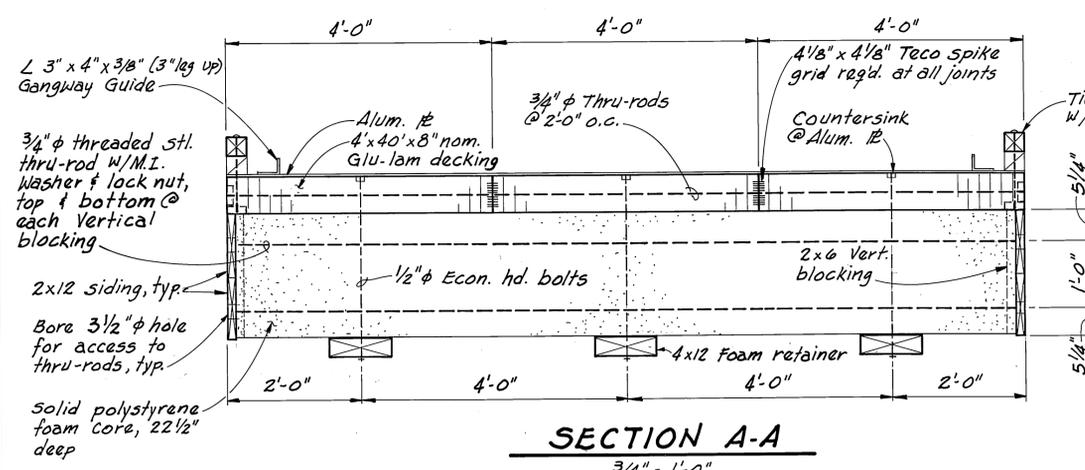
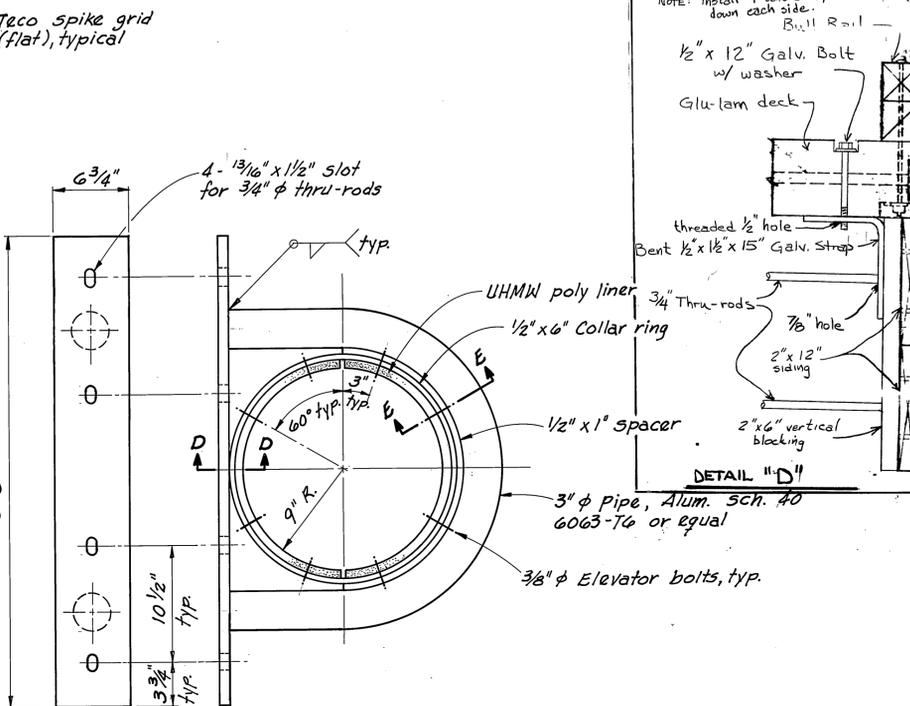
HINGE R LAYOUT
1" = 1'-0"

	DO NOT SCALE THIS DRAWING - USE DIMENSIONS	
	STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES	
	Ketchikan	Alaska
GANGWAY ROOFING & SIDING DETAILS		
DESIGNED _____	CHECKED <u>D</u>	DRAWN <u>BWB</u> DATE <u>7-87</u>
PROJECT NUMBER <u>69358</u>	SHEET <u>7</u> OF <u>16</u>	

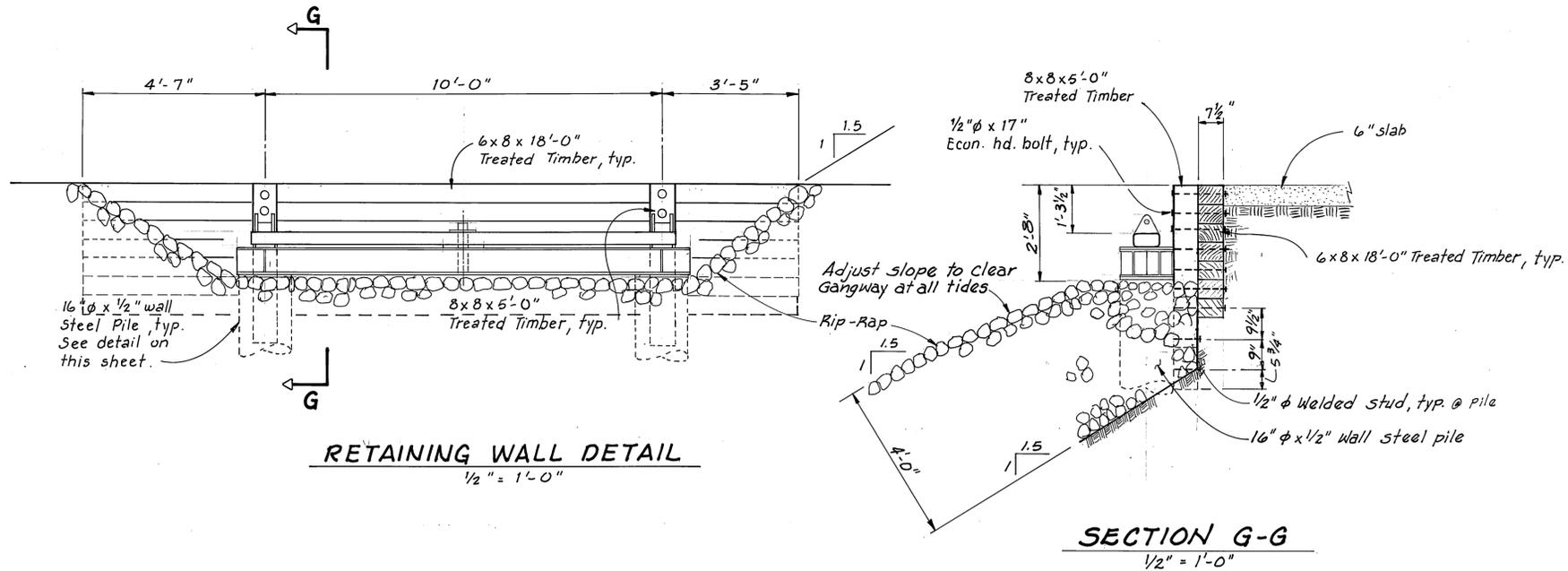


NOTES

- All Welds inside pile collar ring to be ground smooth.
- 3/4" x 6" UHMW poly liner, as shown, to be hot molded to the proper radius and attached to collar ring with 8 elevator bolts per half collar.
- Fabricator is to pre-assemble all components to assure proper fit.
- All plate and spacer are to be Aluminum 6061-T6 or equal. Pipe to be Aluminum 6063-T6 or equal.

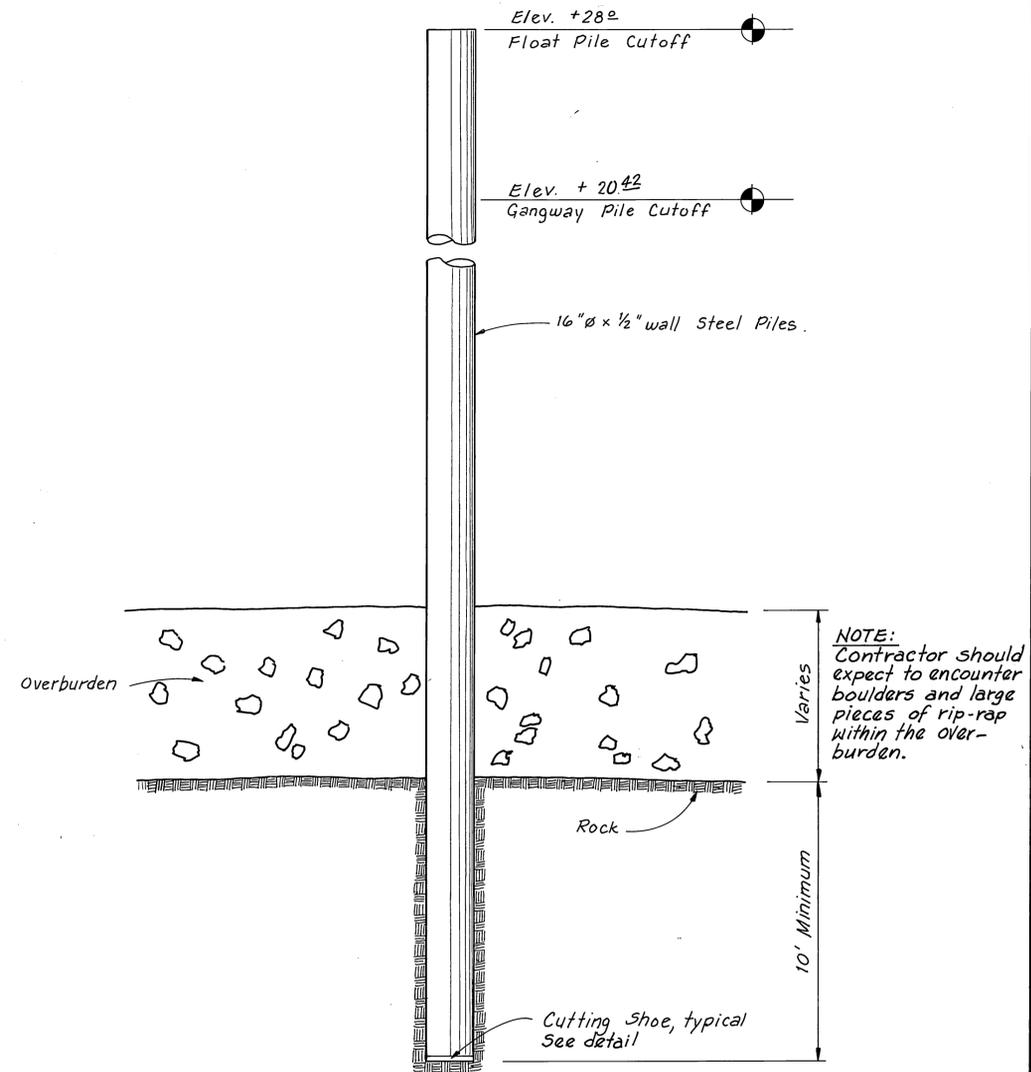


STAMP		DO NOT SCALE THIS DRAWING - USE DIMENSIONS	
STATE OF ALASKA			
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES			
Ketchikan		Alaska	
GANGWAY FLOAT DETAILS			
DESIGNED <i>D</i>	CHECKED <i>Job</i>	DRAWN <i>Bk/B</i>	DATE 7-87
PROJECT NUMBER 69358	SHEET 10		OF 16



RETAINING WALL DETAIL
1/2" = 1'-0"

SECTION G-G
1/2" = 1'-0"

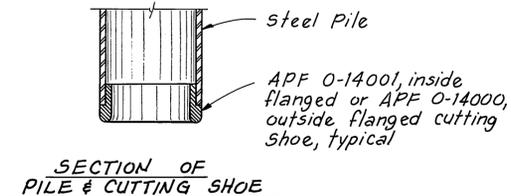


NOTE:
Contractor should expect to encounter boulders and large pieces of rip-rap within the overburden.

Approved Placement

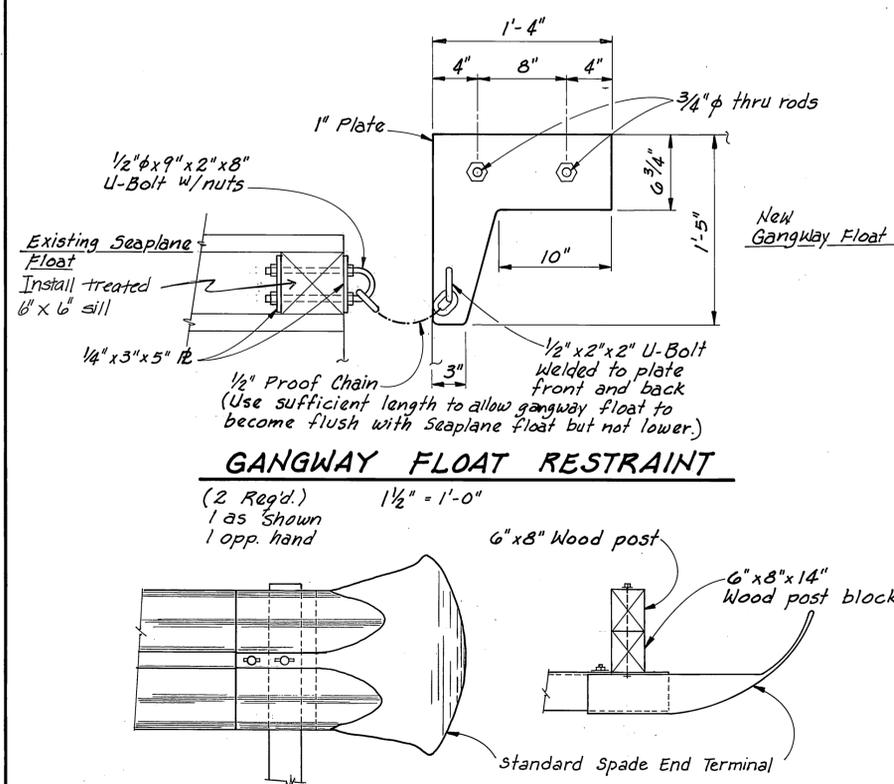
All socketing techniques to displace a minimum amount of overburden.

1. Drill socket, clean out hole, drive pile to bottom of socket and 20 tons bearing.



SECTION OF PILE & CUTTING SHOE

STEEL PILE SOCKET DETAIL
N.T.S.



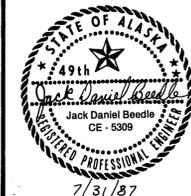
GANGWAY FLOAT RESTRAINT

(2 Req'd.)
1 as shown
1 opp. hand
1/2" = 1'-0"

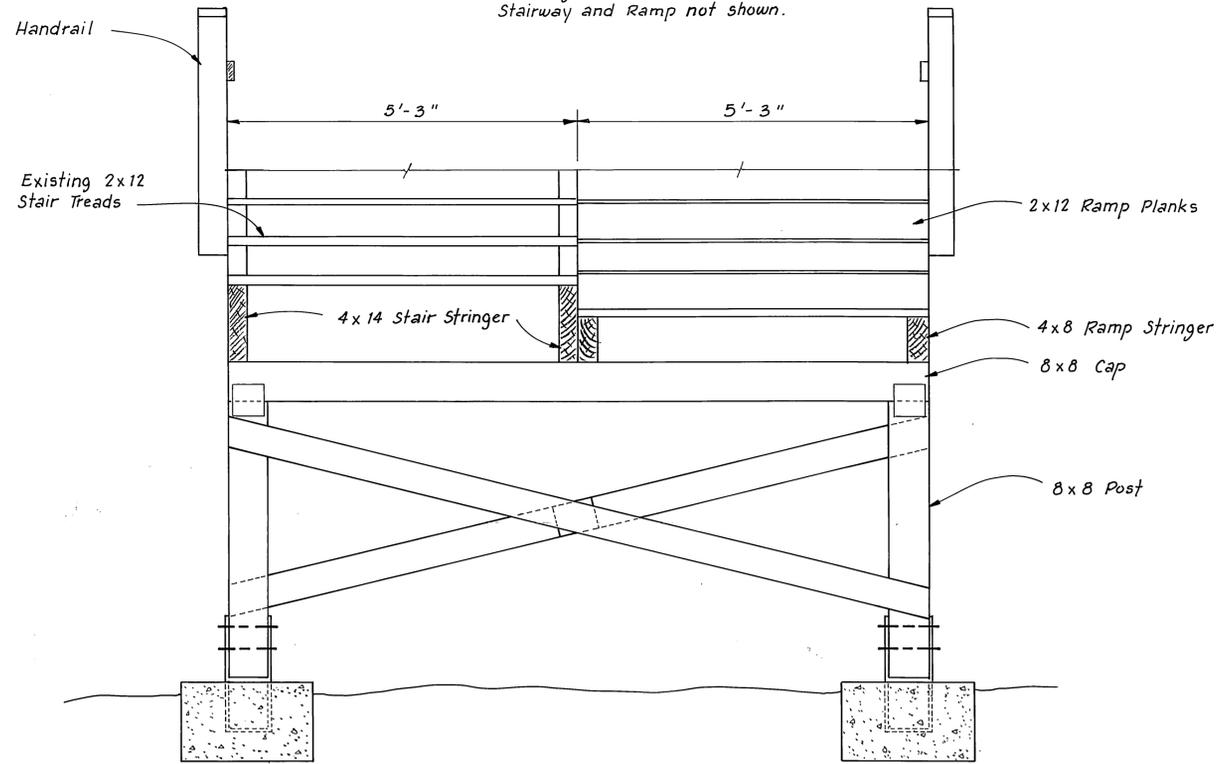
TERMINAL SPADE END

5 Req'd. @ Gangway and Turning Area
BCT Req'd. @ Upper end
See Std. Drawing G-14.03 W

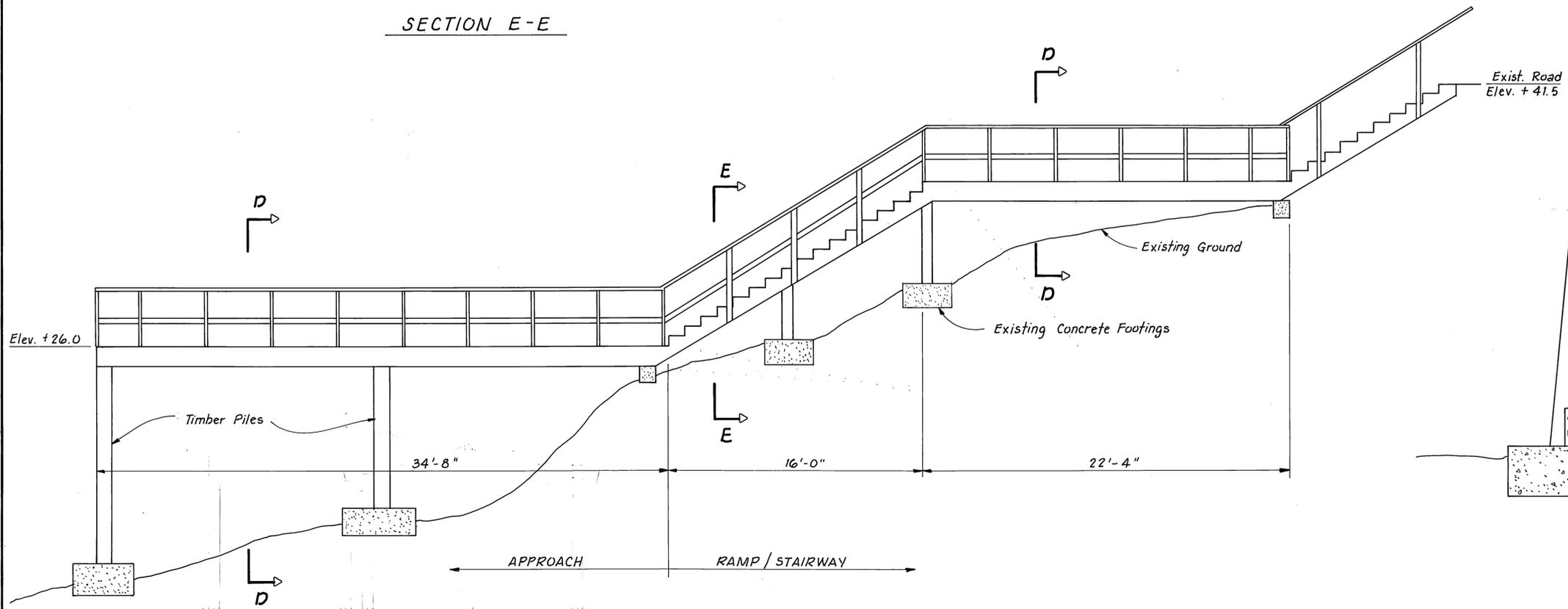
STAMP		DO NOT SCALE THIS DRAWING - USE DIMENSIONS	
STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES			
Ketchikan		Alaska	
PILE DETAILS			
DESIGNED JDB	CHECKED _____	DRAWN TS	DATE 7-87
PROJECT NUMBER 69358	SHEET 11 OF 16		



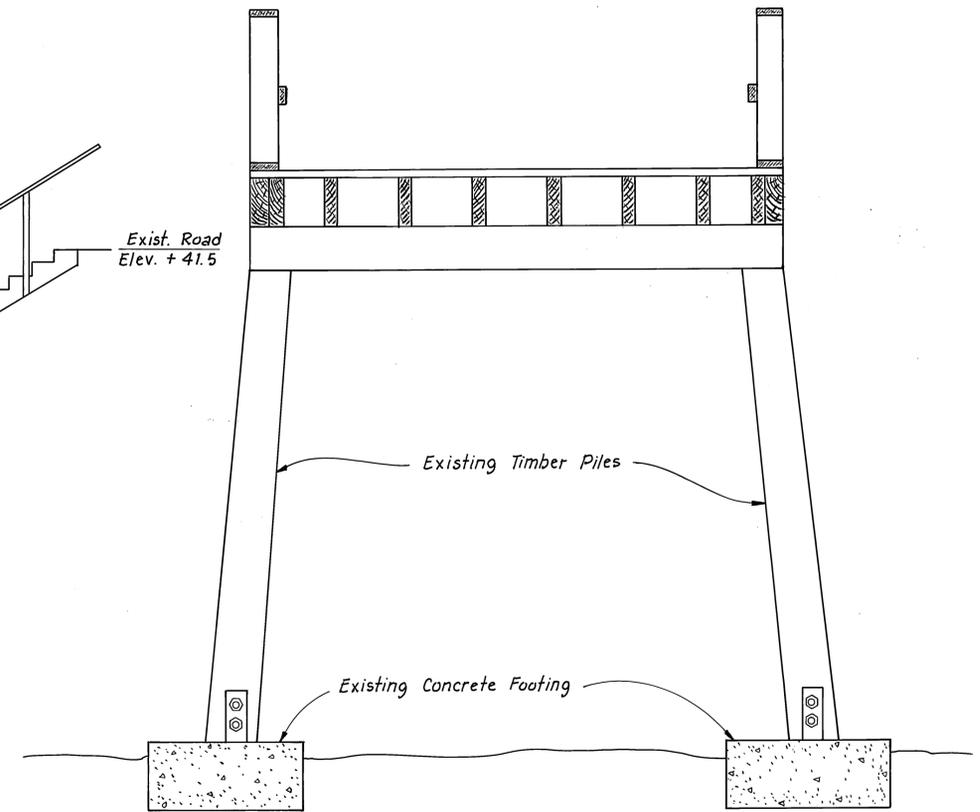
Note: Existing 2x6 Handrail between Stairway and Ramp not shown.



SECTION E-E

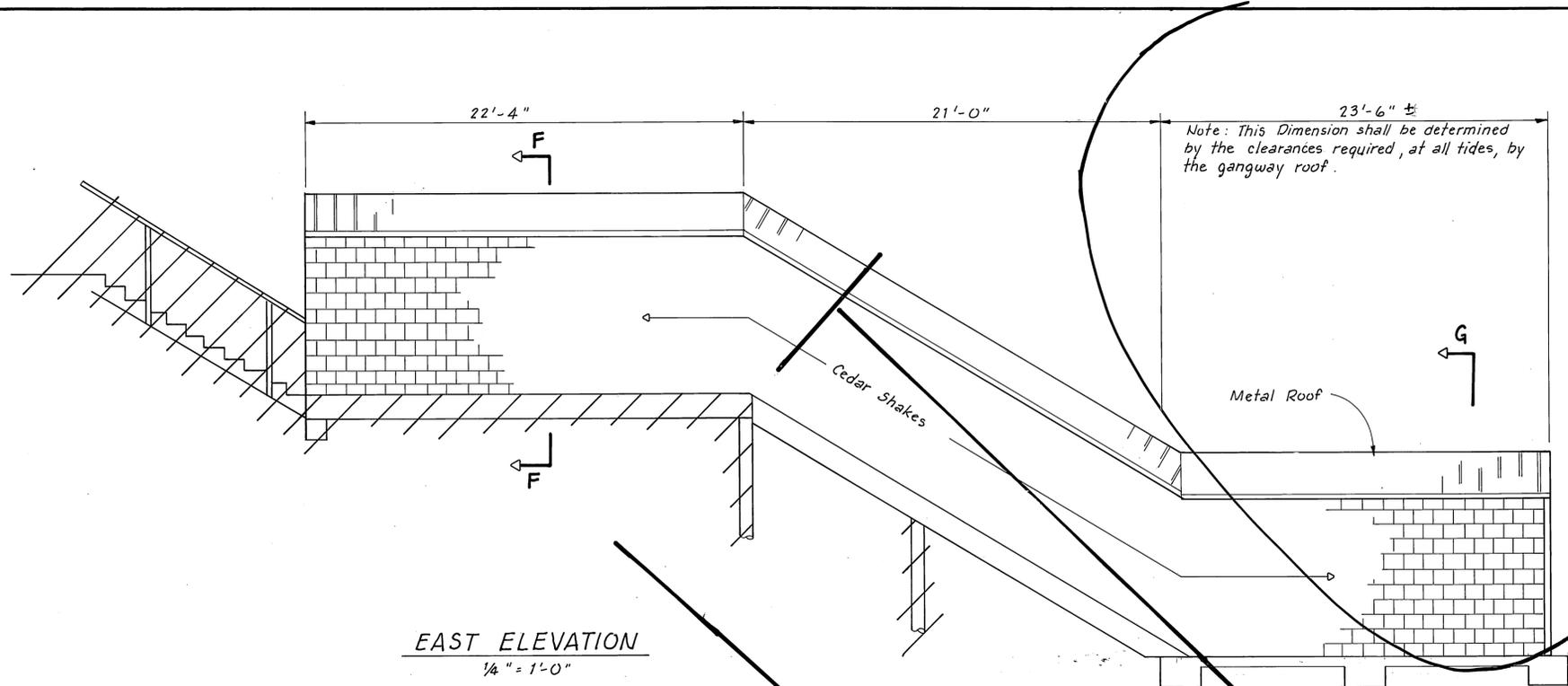


ELEVATION

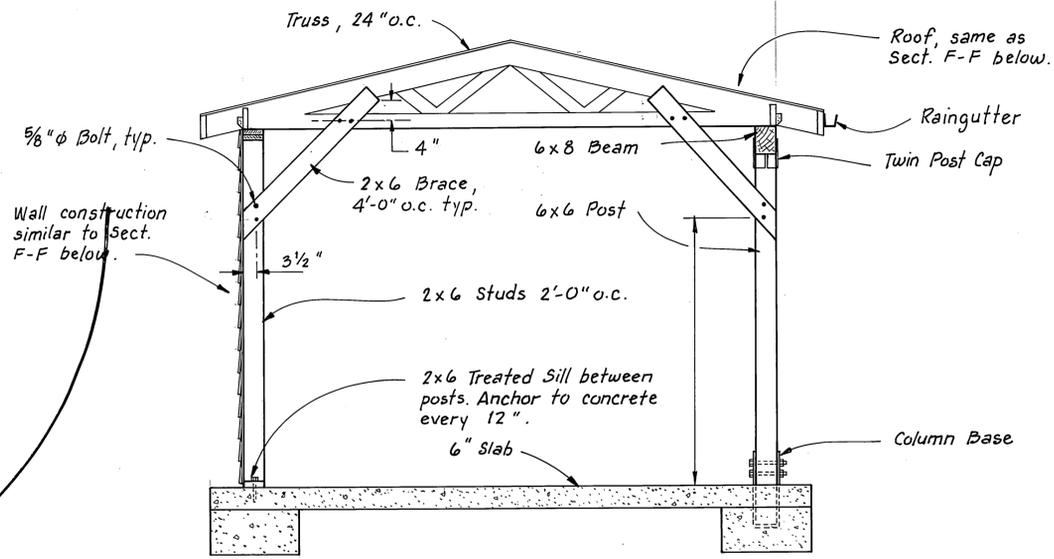


SECTION D-D

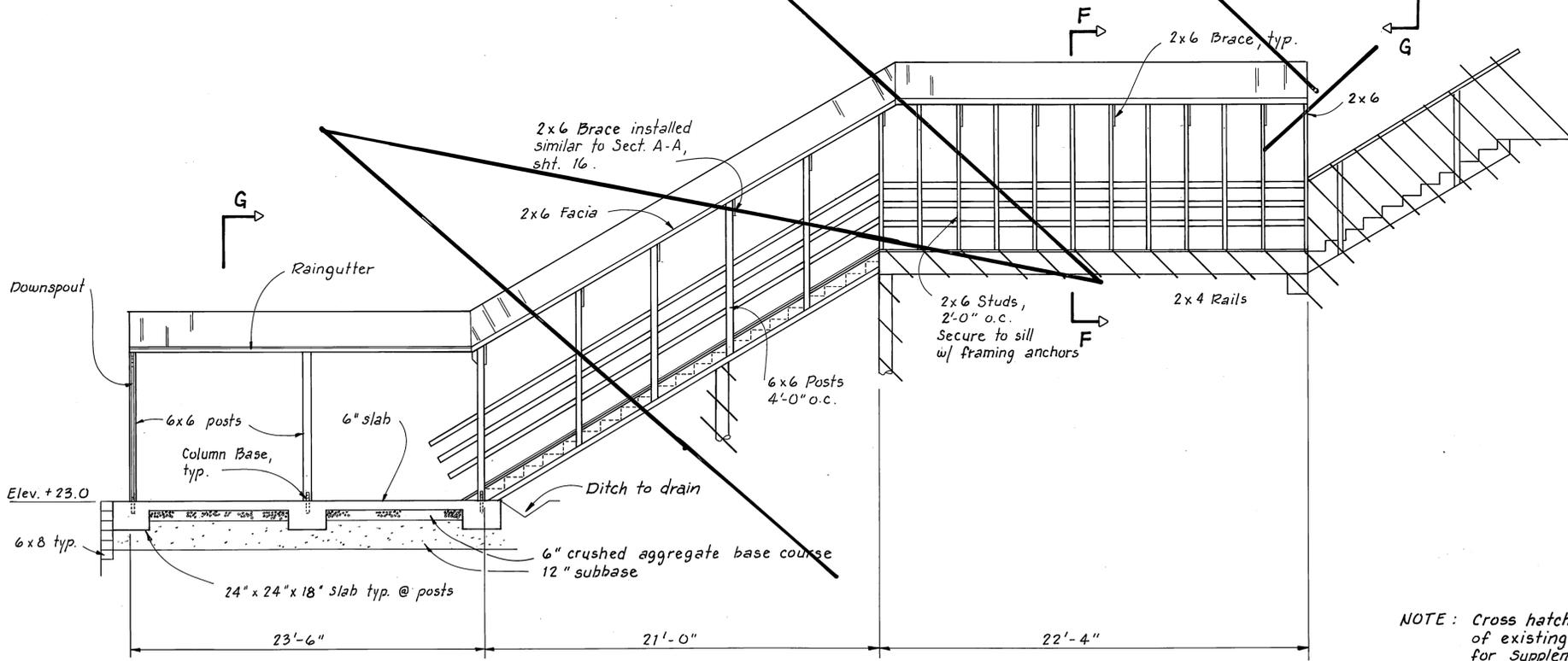
STAMP		DO NOT SCALE THIS DRAWING - USE DIMENSIONS	
		STATE OF ALASKA	
		DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES	
		Ketchikan	Alaska
EXISTING RAMP / STAIRWAY DETAILS			
DESIGNED _____	CHECKED <u>JDB</u>	DRAWN <u>TS</u>	DATE <u>7-87</u>
PROJECT NUMBER <u>69358</u>		SHEET <u>12</u> OF <u>16</u>	



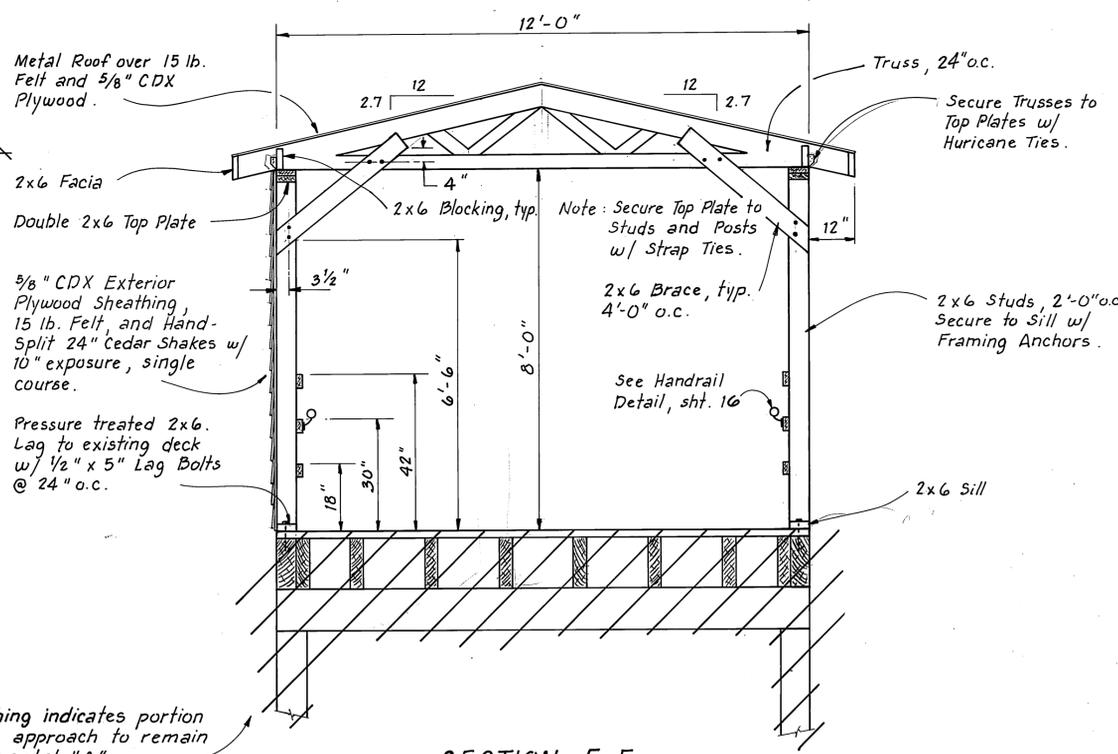
EAST ELEVATION
1/4" = 1'-0"



SECTION G-G
1/2" = 1'-0"



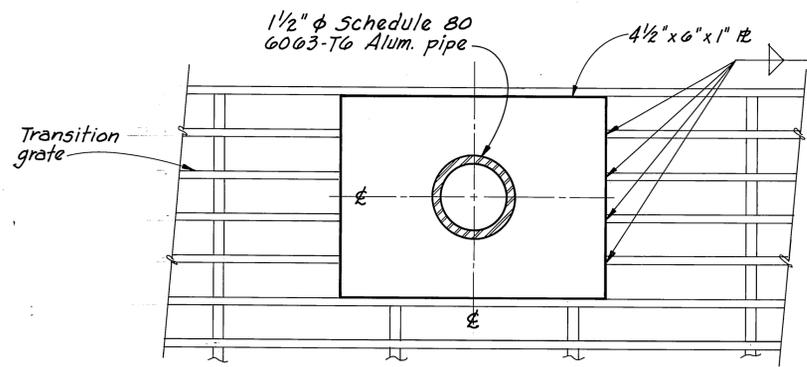
WEST ELEVATION
1/4" = 1'-0"



SECTION F-F
1/2" = 1'-0"

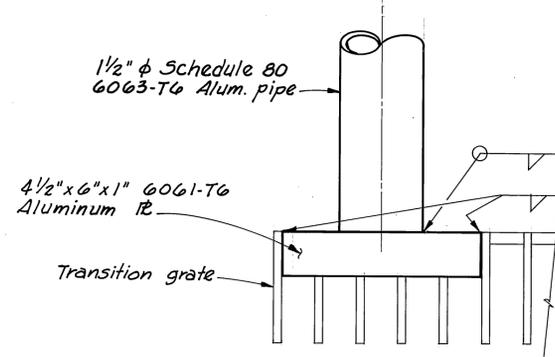
NOTE: Cross hatching indicates portion of existing approach to remain for Supplemental "A".

STAMP		DO NOT SCALE THIS DRAWING - USE DIMENSIONS	
		STATE OF ALASKA	
		DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES	
Ketchikan		Alaska	
RAMP / STAIRWAY RECONSTRUCTION DETAILS			
(SUPPLEMENTAL "A")			
DESIGNED	CHECKED JDB	DRAWN TS	DATE
PROJECT NUMBER 69358	SHEET 13 OF 16		



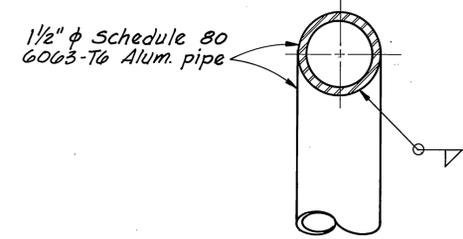
SECTION A-A

6" = 1'-0"



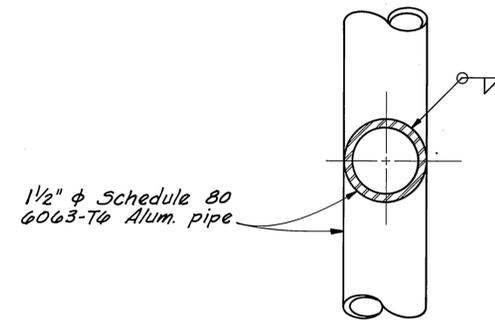
SECTION B-B

6" = 1'-0"



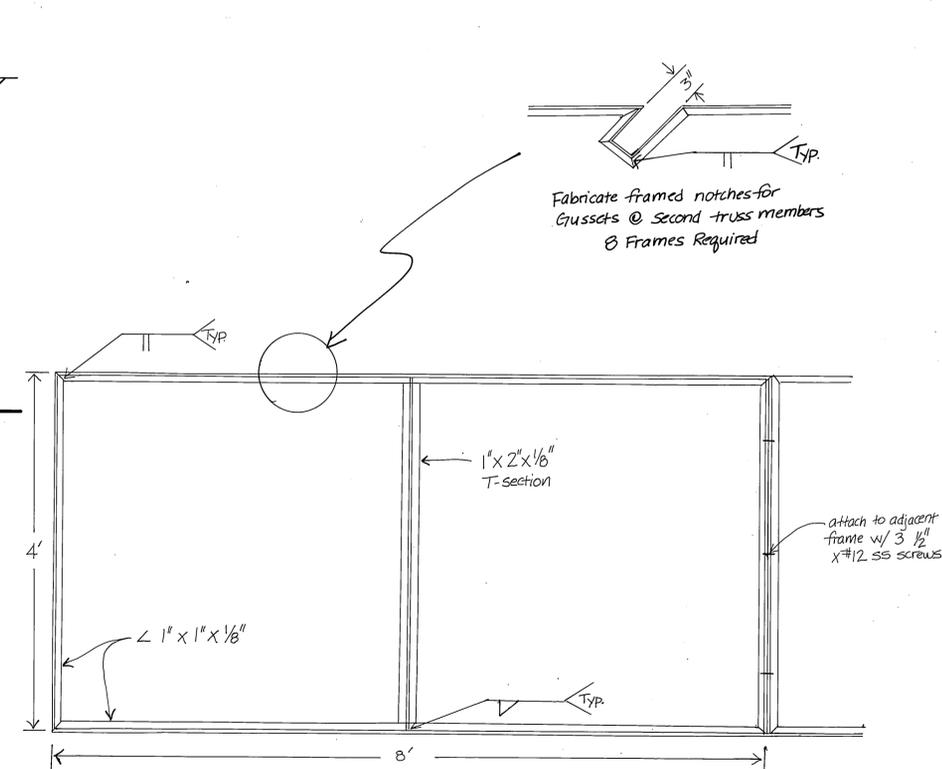
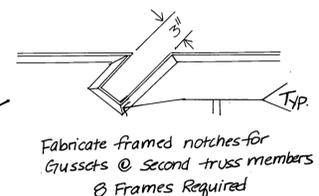
SECTION C-C

6" = 1'-0"

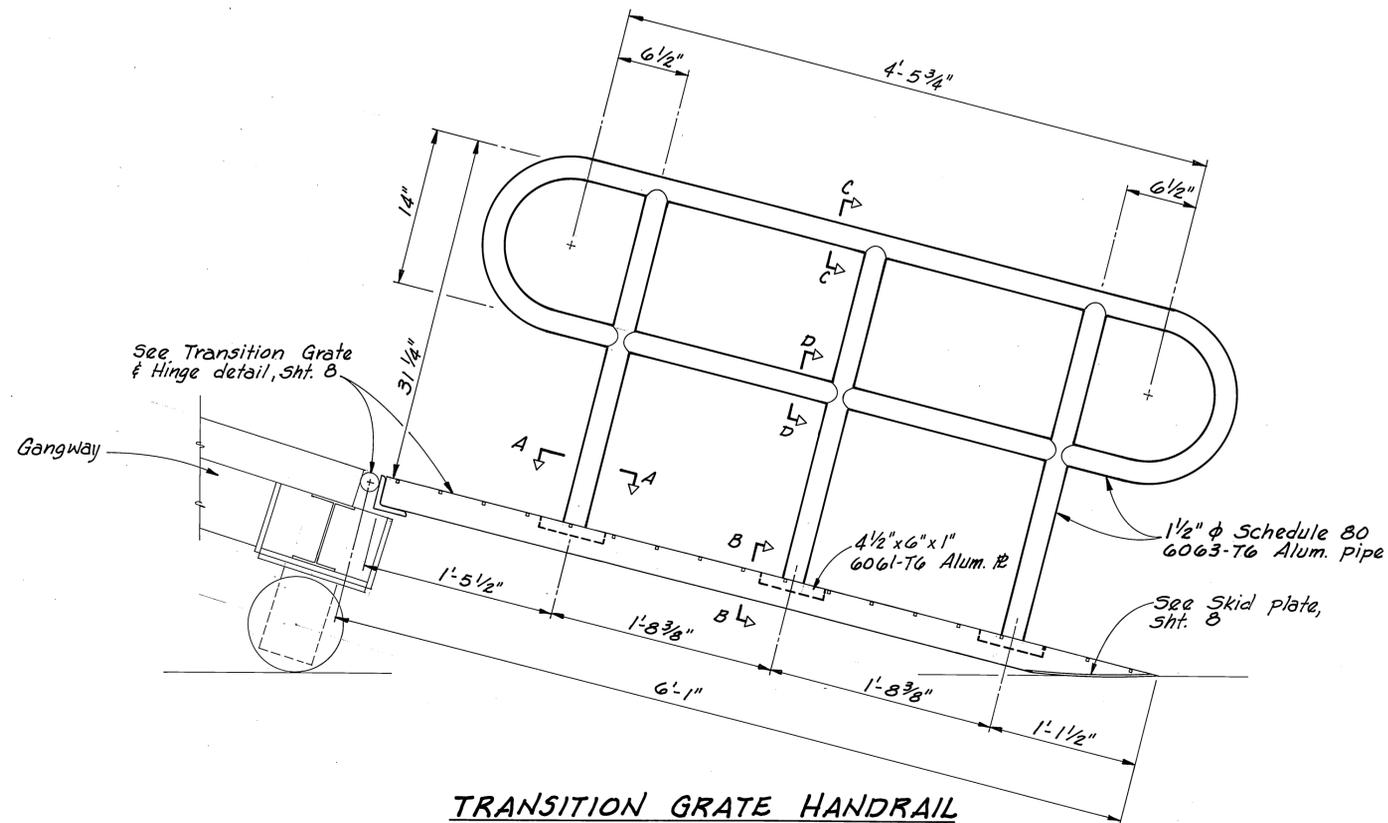


SECTION D-D

6" = 1'-0"



Aluminum Window Frames
Z-frames to sandwich each plastic sheet



**TRANSITION GRATE HANDRAIL
CROSS SECTIONAL ELEVATION**

1 1/2" = 1'-0"

	DO NOT SCALE THIS DRAWING - USE DIMENSIONS			
	STATE OF ALASKA			
	DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES			
	Ketchikan		Alaska	
GANGWAY DETAILS				
DESIGNED <i>D</i>	CHECKED <i>JDB</i>	DRAWN <i>SWB</i>	DATE 7-87	
PROJECT NUMBER 6935B		SHEET 9 OF 16		