

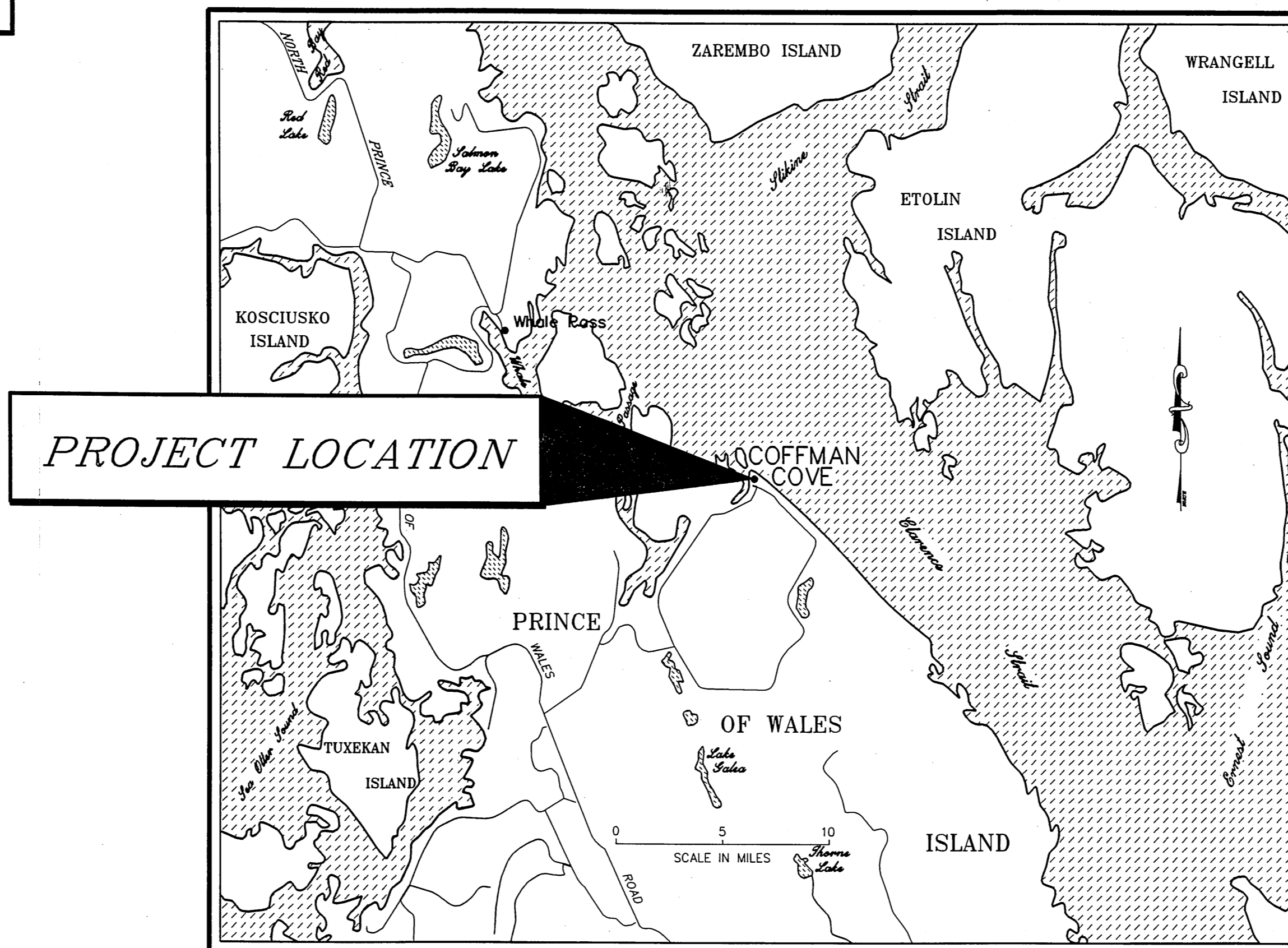
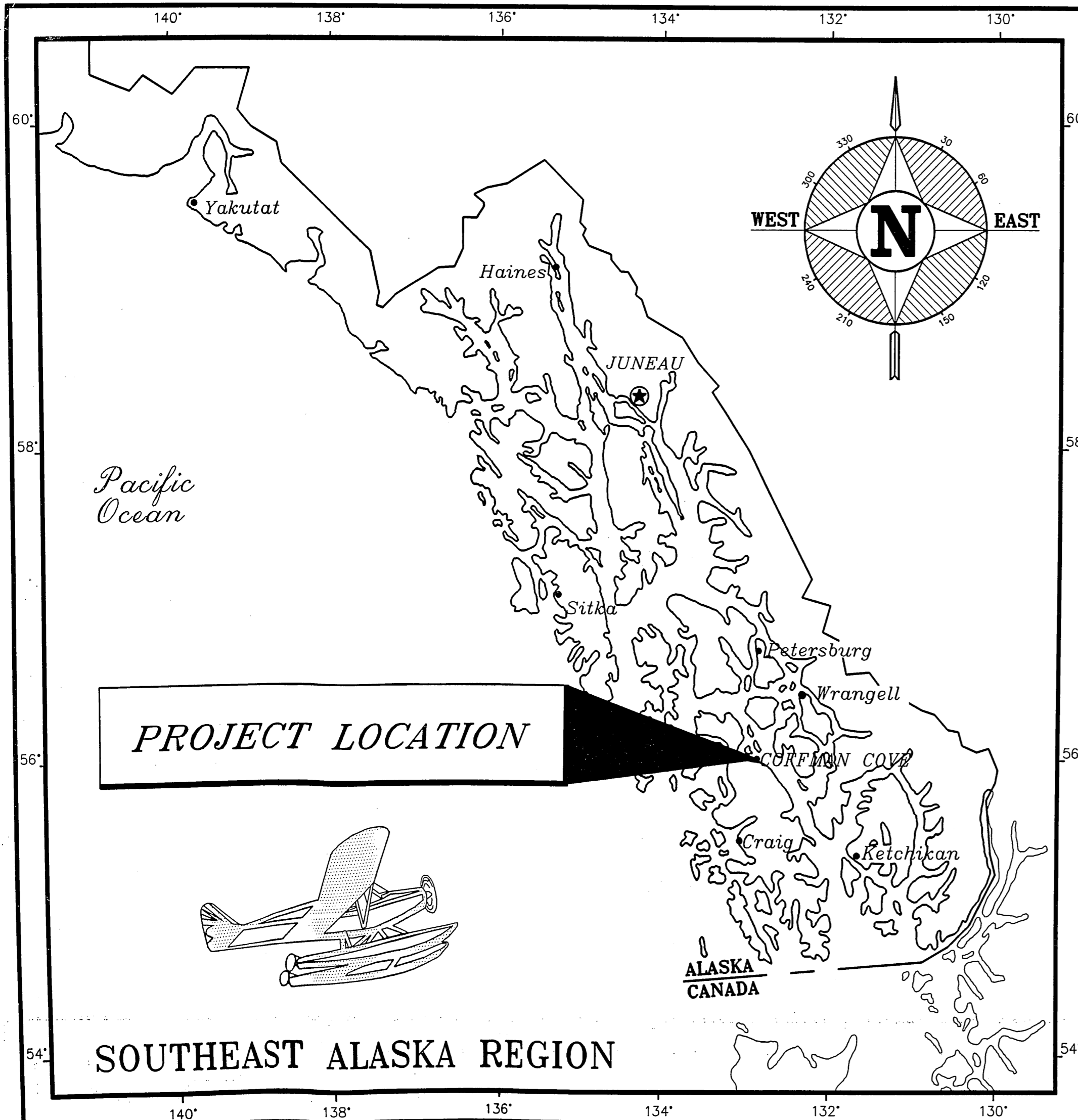
STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND
 PUBLIC FACILITIES
 SOUTHEASTERN REGION
 DESIGN AND CONSTRUCTION DIVISION

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	ESTIMATE OF QUANTITIES
3	PLAN LAYOUT
4	SEAPLANE FLOAT LAYOUT
5	SEAPLANE FLOAT DETAILS
6	FLOAT CONNECTION
7	TIEDOWN RAIL REPLACEMENT
8	TRANSITION PLATE & PILE COLLAR DETAILS
9	FIRE EXTINGUISHER & CABINET
10	MISCELLANEOUS DETAILS
11	MISCELLANEOUS DETAILS

**COFFMAN COVE
 SEAPLANE
 FLOAT**

**PROJECT No. 71132
 A.I.P. # 3-02-0064-01**

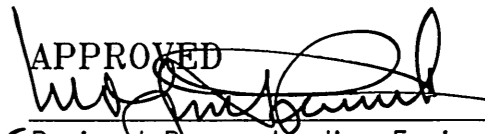


VICINITY MAP

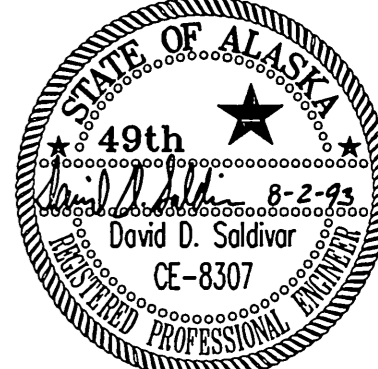
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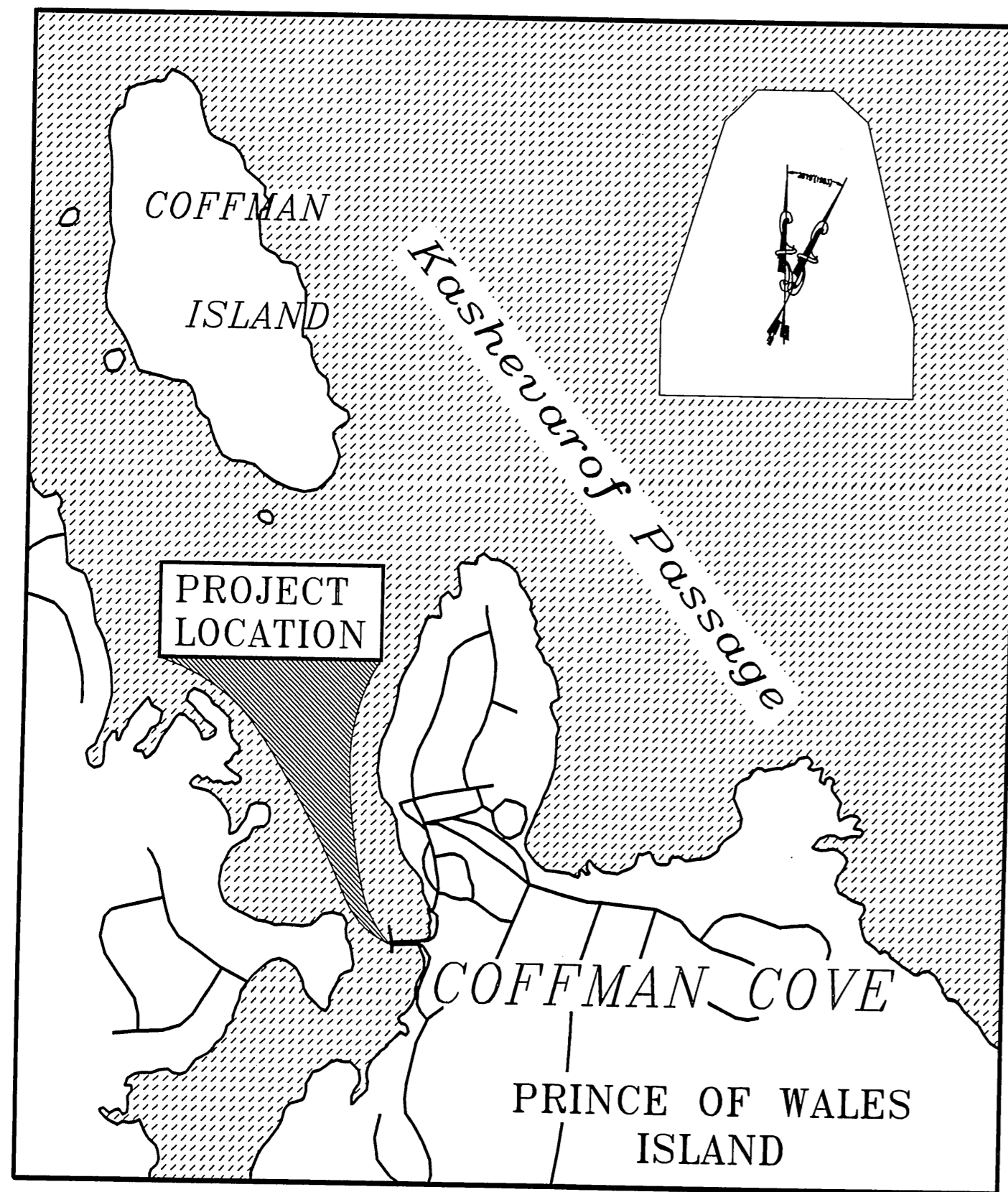
START: MARCH 6, 1994
 STOP: MARCH 11, 1994
 CONTRACTOR: R-K CONSTRUCTION INC.
 PROJECT ENGINEER: MARK HALVORSEN
 DATE: MARCH 18, 1994

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND
 PUBLIC FACILITIES
 SOUTHEASTERN REGION DESIGN SECTION

APPROVED  Date 8/3/93
 Regional Preconstruction Engineer

APPROVED  Date 8/3/93
 Director, S.E. Region Design & Construction

PROJECT NUMBER: 71132	ENGINEER'S SEAL
DATE: AUGUST, 1993	
SHEET 1 OF 11	



VICINITY MAP

COFFMAN COVE SEAPLANE FLOAT BASIS OF CONTROL

HORIZONTAL CONTROL: The project basis of bearing for this project is the bearing of S 12°06'13" W from RM-2 monument at station "L" 10+00 to RM-1 monument at station "L" 17+07.57. The basis of coordinates is the RM-2 monument at station "L" 10+00 with project coordinates of N 1,527,393.70, E 2,857,142.77.

VERTICAL CONTROL: The basis of vertical control is RM-2 monument with an accepted elevation of 26.53' above MLLW.

AIRPORT DATA

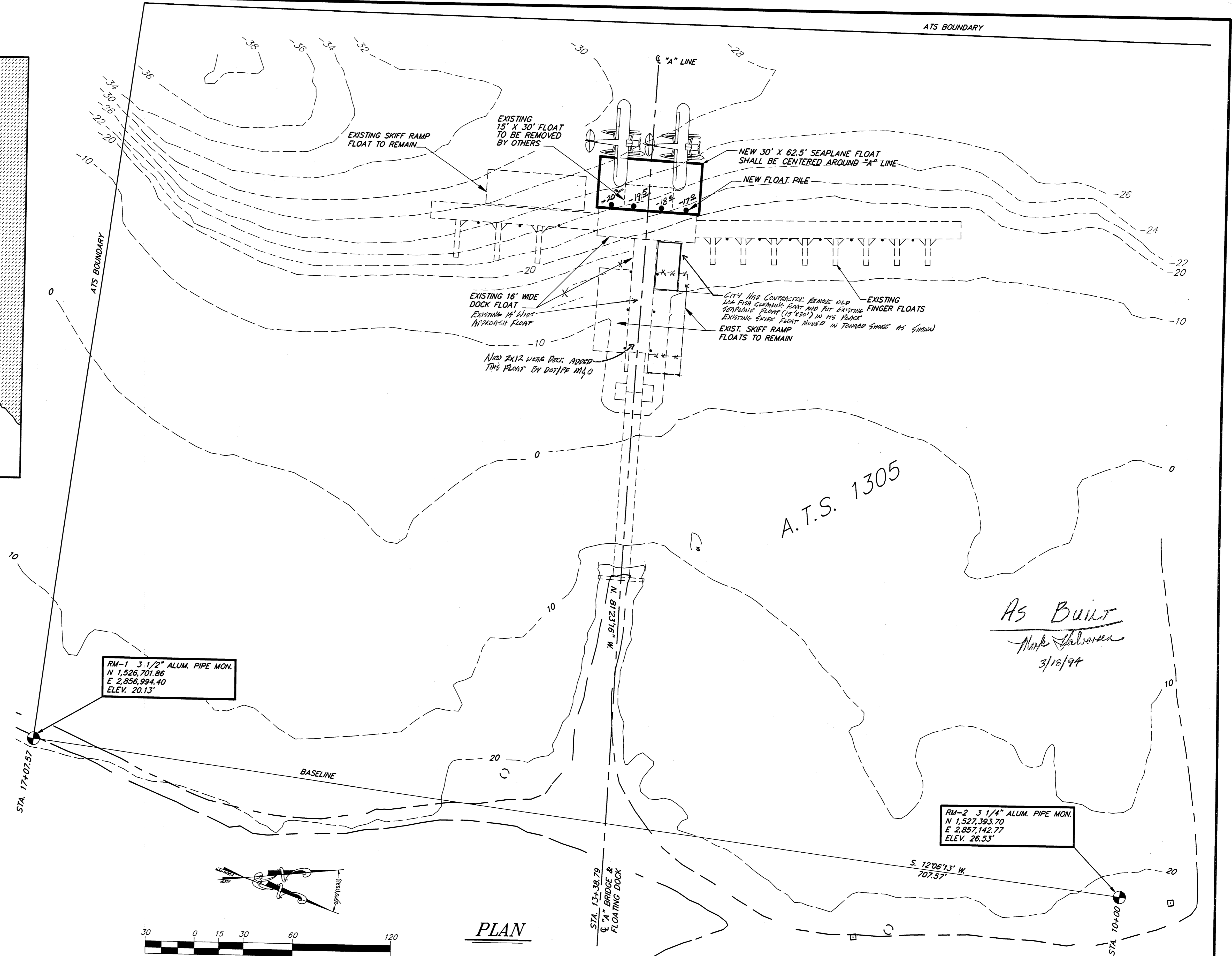
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2. NO DATA AVAILABLE FOR COMPILATION OF WIND ROSE
3. PREVAILING WINDS DATA NOT AVAILABLE
4. TEMPERATURE DATA NOT AVAILABLE

TIDAL DATA

EHW	=	21.3
EHT	=	21.0
MHHW	=	15.9
MHW	=	15.0
MTL	=	8.2
MLLW	=	0.0
ELW	=	-4.5

NOTES

1. This drawing has been compiled from Alaska Tidelands Survey No. 1305.
2. Latitude and Longitude are in accordance with North American Datum 1983 (NAD 83).



PLAN



GRAPHIC SCALE

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BY	DATE	DESCRIPTION OF CHANGE
RECORD OF REVISIONS		

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
SOUTHEAST REGION DESIGN & CONSTRUCTION

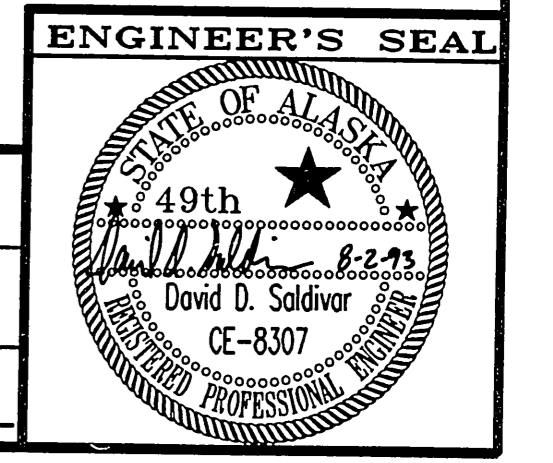
COFFMAN COVE

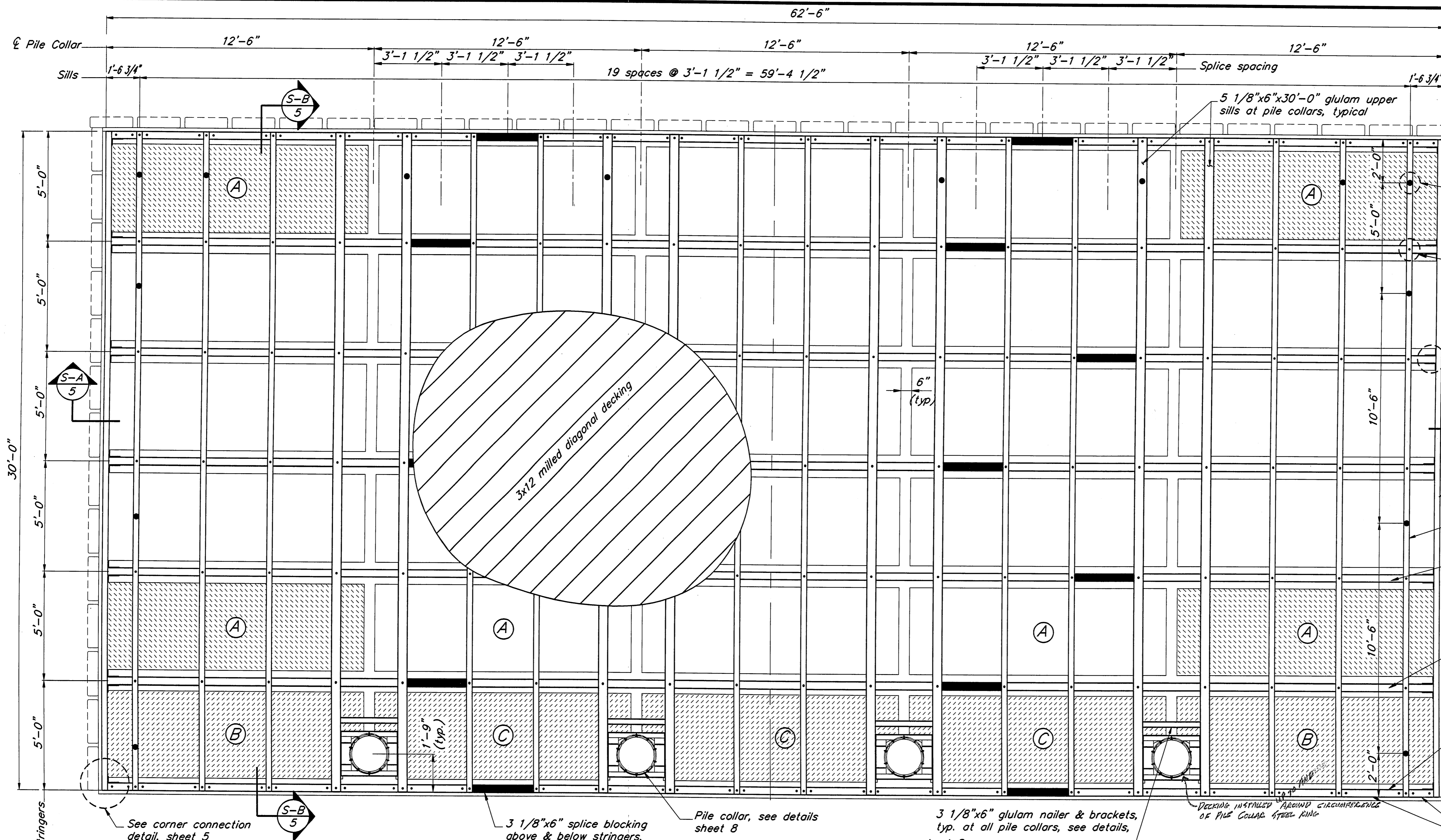
PRINCE OF WALES ISLAND
COFFMAN COVE SEAPLANE FLOAT
A.I.P. # 3-02-0064-01

PLAN LAYOUT

ALASKA

DESIGNED BY: D.D.S.	PROJECT No. 71132
DRAWN BY: B.W.B.	DATE: August, 1993
CHECKED BY: J.D.B.	SHEET 3 OF 11

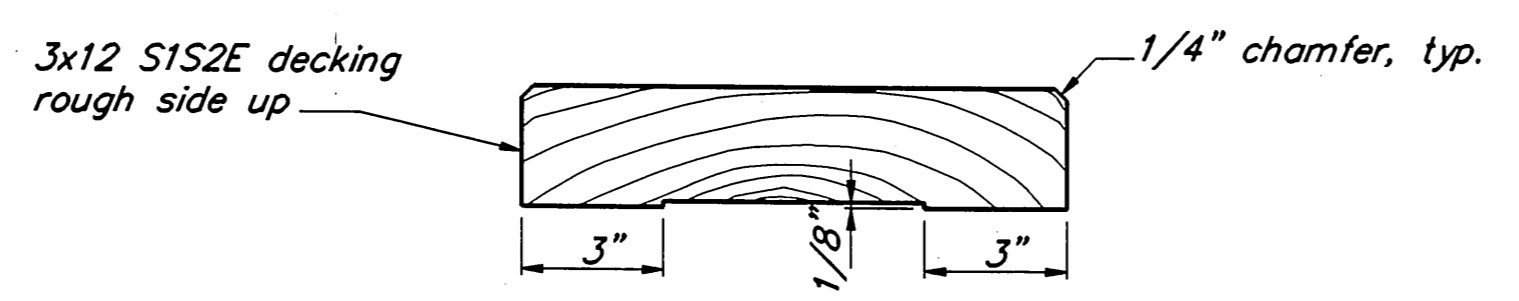




- NOTES:**
1. Apply non-skid deck carpet to decking as indicated on Deck Carpeting Layout, this sheet.
 2. Sills shall be full length members, no splicing will be allowed.
 3. Bumper board minimum length is 10'-0". Secure bumper boards with 60d double hot dipped galvanized nails, staggered at 12" o.c. and 2 nails at ends.
 4. 4x10 stringers shall be S4S.

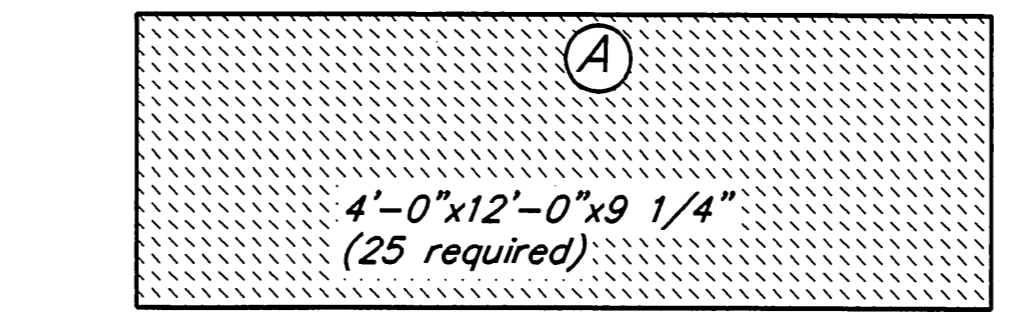
- Tie-down rings, see detail sheet 8
- Secure upper & lower sills through stringers with 3/4" econ. head bolts, typical all intersections.
- 2-3x10 bumper boards
- 3 1/8"x16 1/2"x30'-0" glulam end sill
- 3 1/8"x6"x30'-0" glulam upper & lower sills
- Three 4x10 (15'-4 3/8", 25'-0" & 21'-7 3/8" starting from this end) stringers @ alternate interior locations
- Three 4x10 (21'-7 3/8", 25'-0" & 15'-4 3/8" starting from this end) stringers @ alternate interior locations
- Three 4x10 (18'-5 7/8", 25'-0" & 18'-5 7/8" starting from this end) exterior stringers, typical both sides
- Tire bumpers, see details sheet 10
- 3 1/8"x6" glulam blocking between upper sills, secure with 1/2"x12" galv. drifts @ 4" from each end of blocking, typical (size for snug fit). Alternate blocking required at hinges, see sheet 6.

Framing Plan

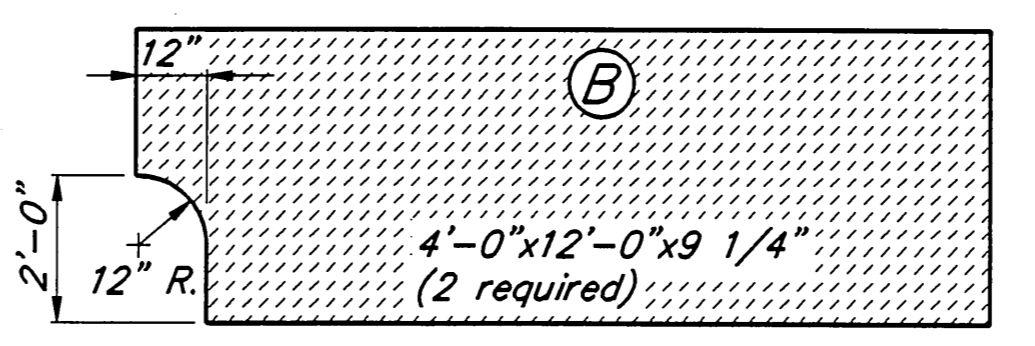


MILLED DECKING DETAIL

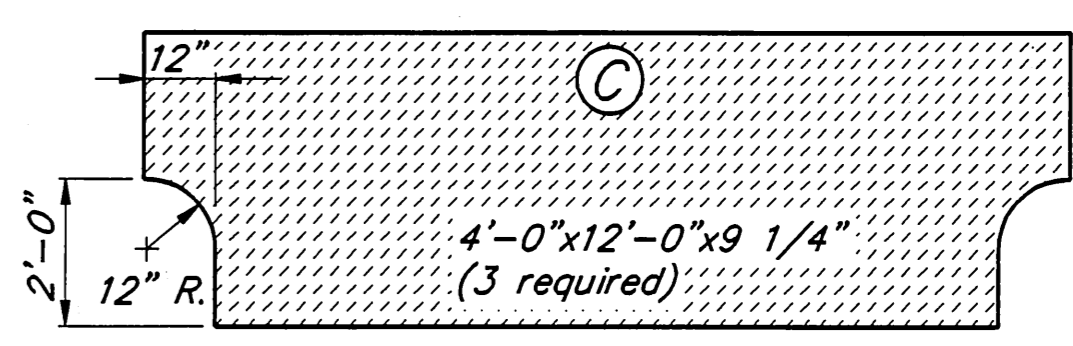
- DECKING NOTES:**
1. 3x12 S1S2E milled decking spaced 1/4" apart.
 2. Apply 3x12 decking diagonally. Secure to every sill with 2-60d double hot-dipped nails. Predrill all ends to prevent splitting.
 3. Milled side of 3x12 shall be toward inside of tree.
 4. Decking splices shall be staggered so that only every third deck plank is spliced on the same sill. Average deck plank shall contact 5 sills minimum. Minimum length deck plank shall contact 3 sills, except at corners of float.



Typical Flotation Billet "A"



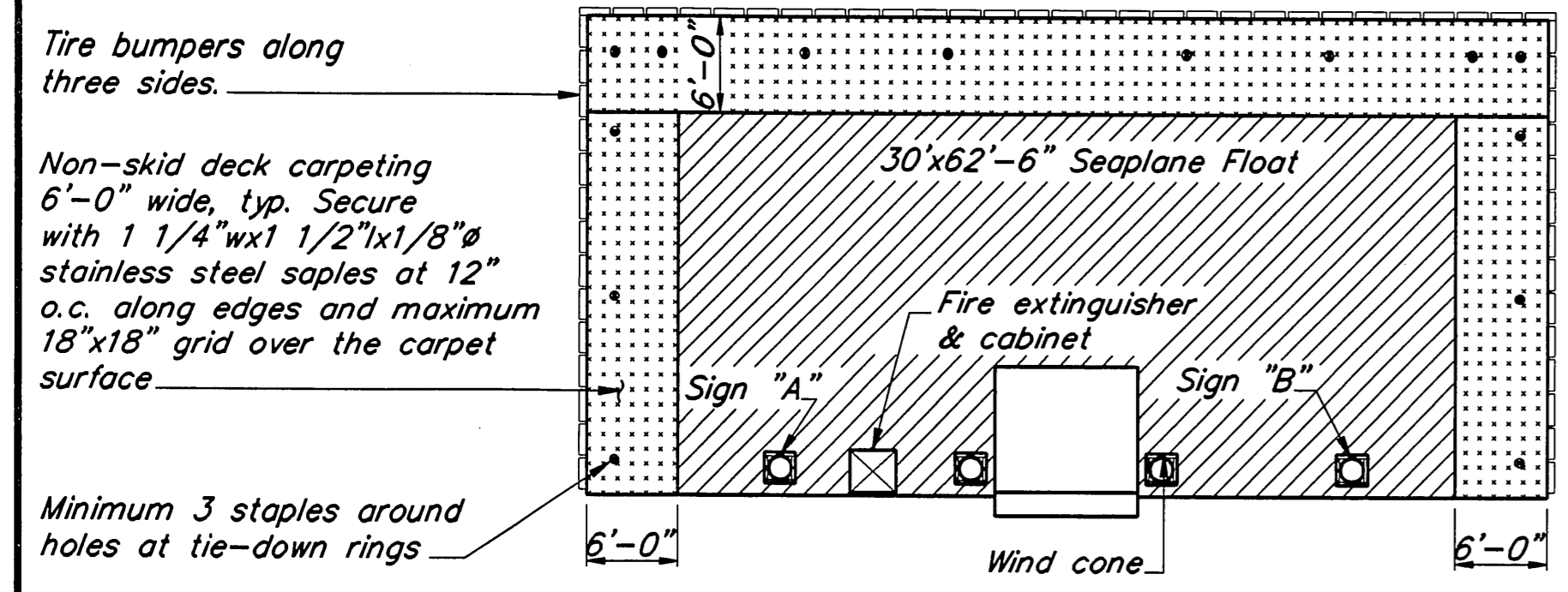
Flotation Billet "B"



Flotation Billet "C"

NOTE:
Flotation size includes coating thickness.

As BUILT
Aluk Johnson
3/12/94



Deck Carpeting Layout

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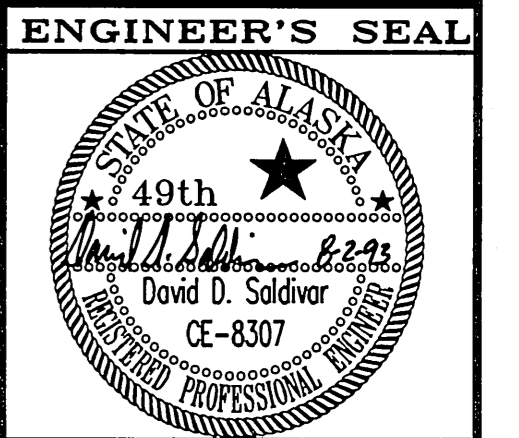
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DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
SOUTHEAST REGION DESIGN & CONSTRUCTION

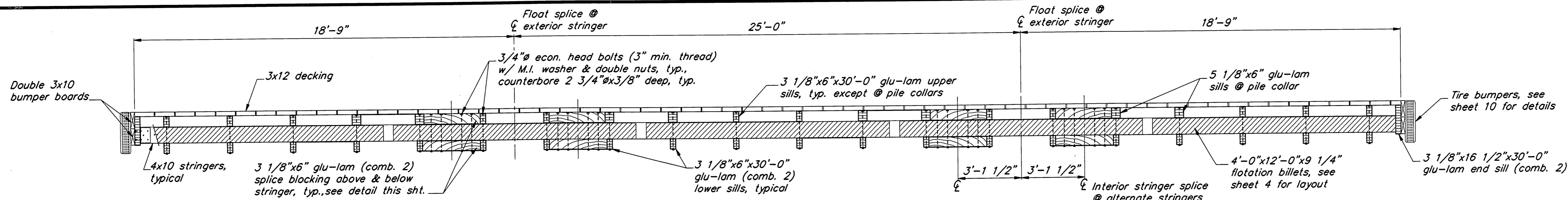
COFFMAN COVE

PRINCE OF WALES ISLAND
COFFMAN COVE SEAPLANE FLOAT
A.I.P. # 3-02-0064-01
SEAPLANE FLOAT LAYOUT

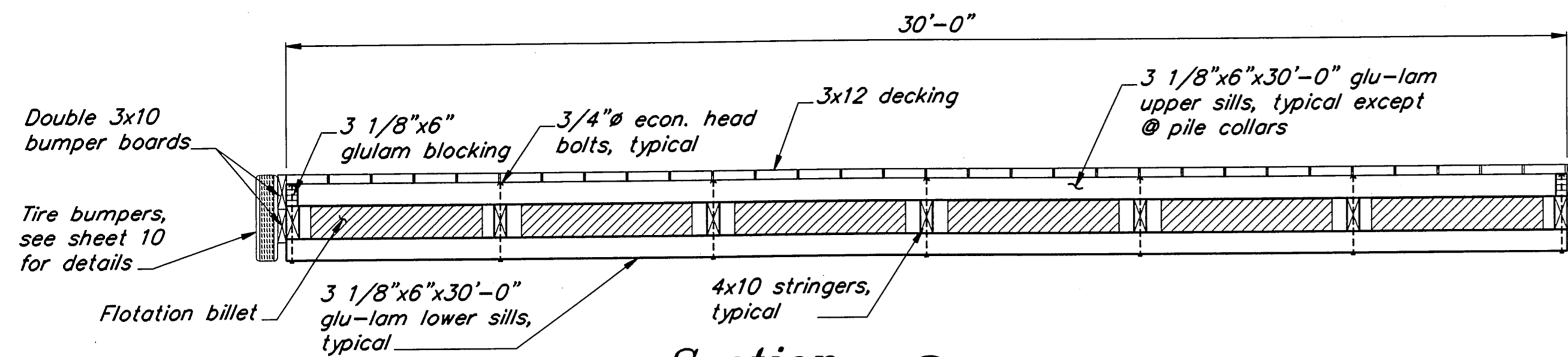
ALASKA

DESIGNED BY: D.D.S.	PROJECT No. 71132
DRAWN BY: E.W.B.	DATE: August, 1993
CHECKED BY: J.D.B.	SHEET 4 OF 11

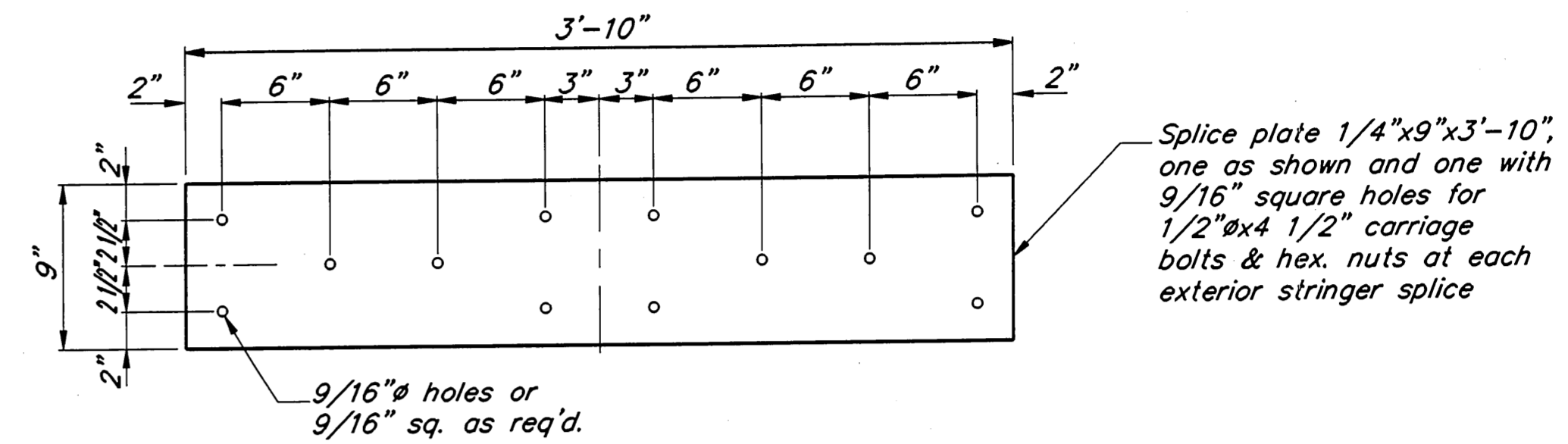




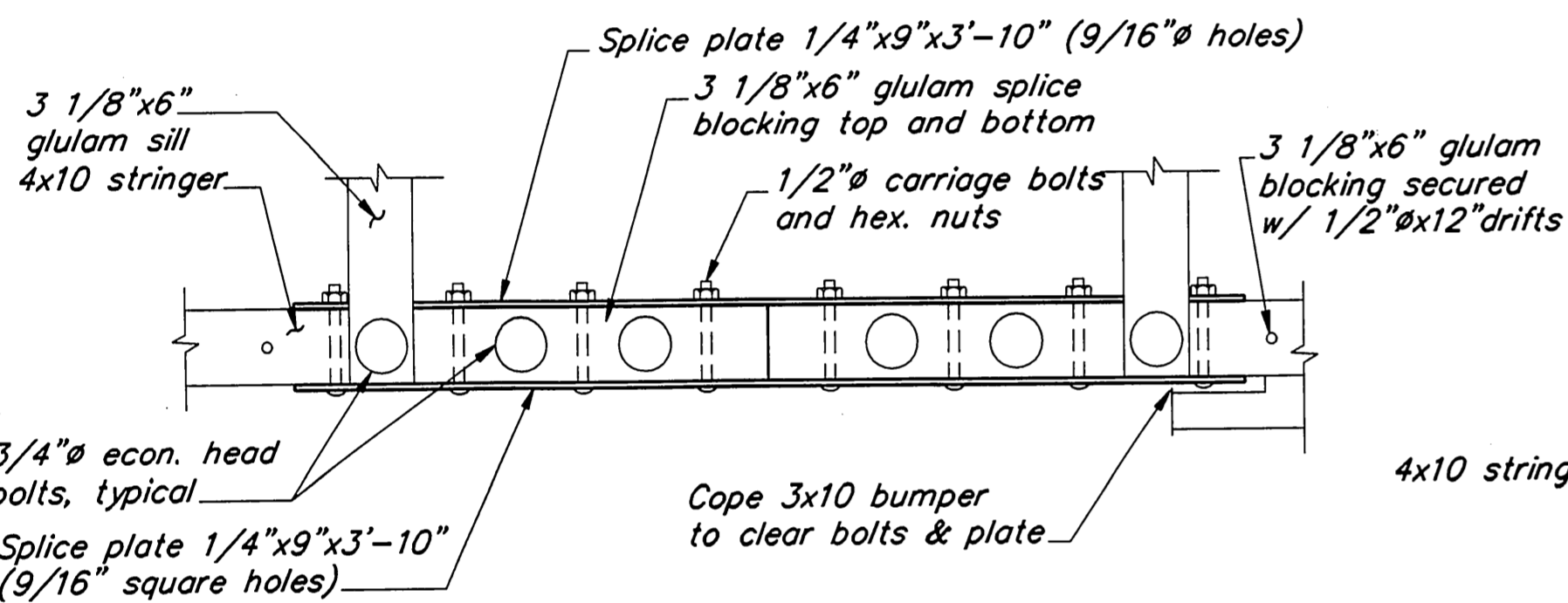
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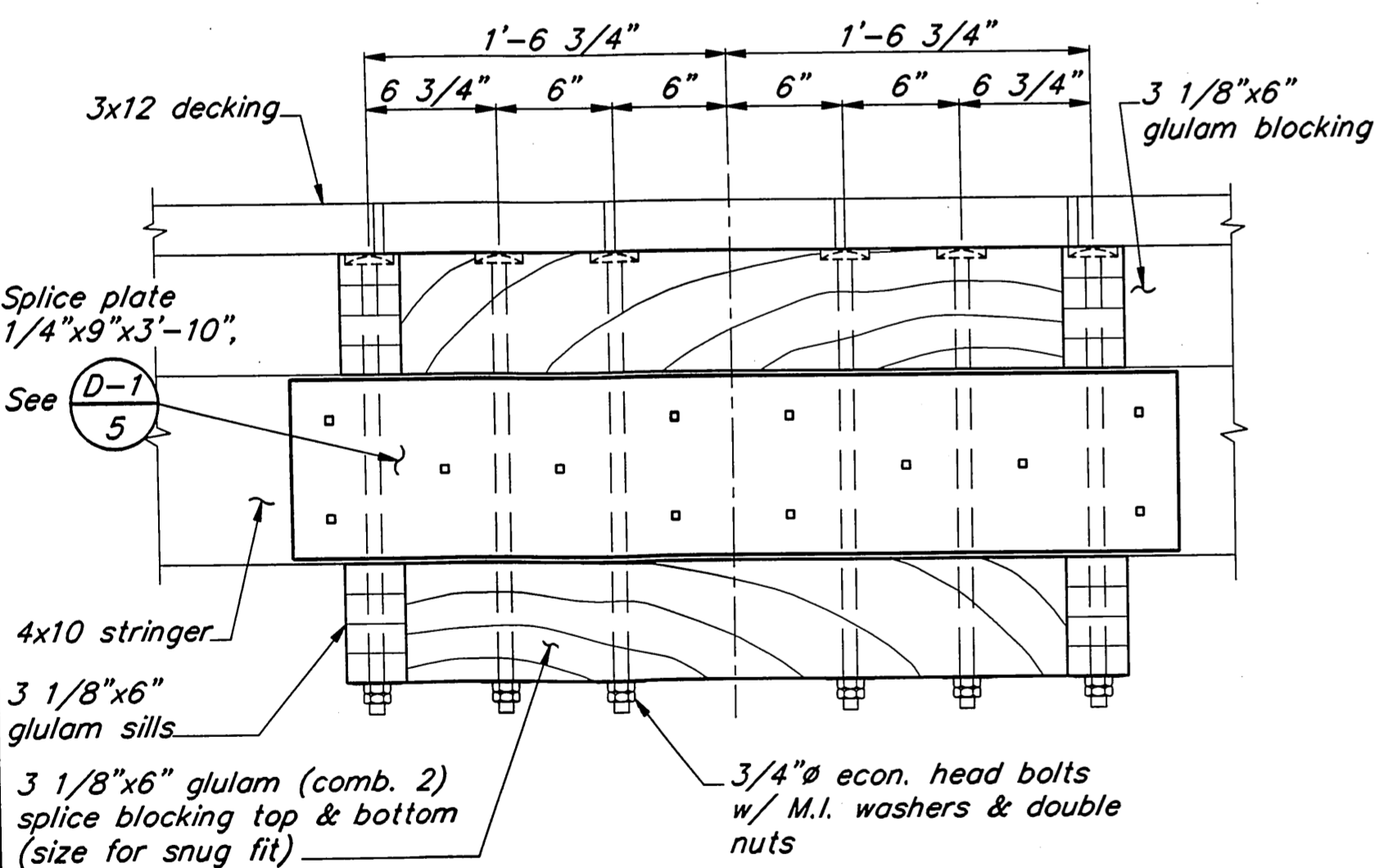
Section B



Splice Plate Detail 1

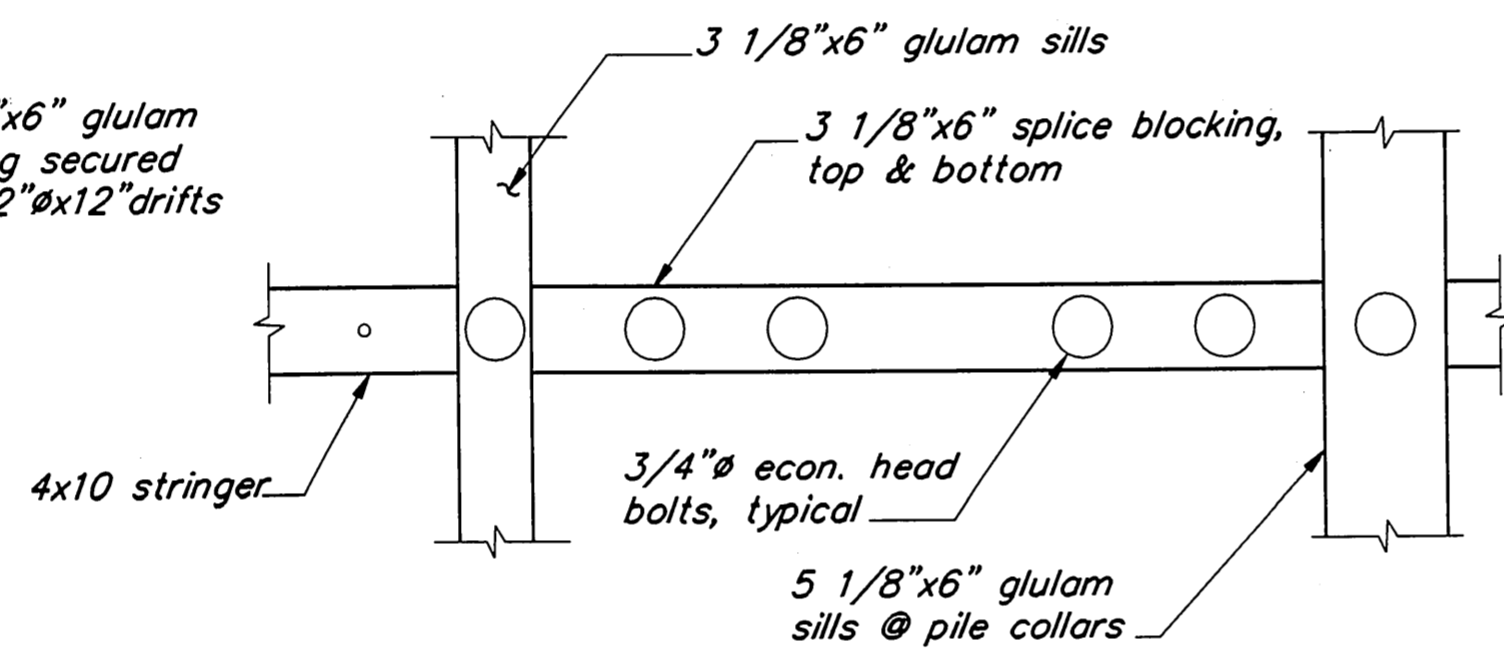


Plan

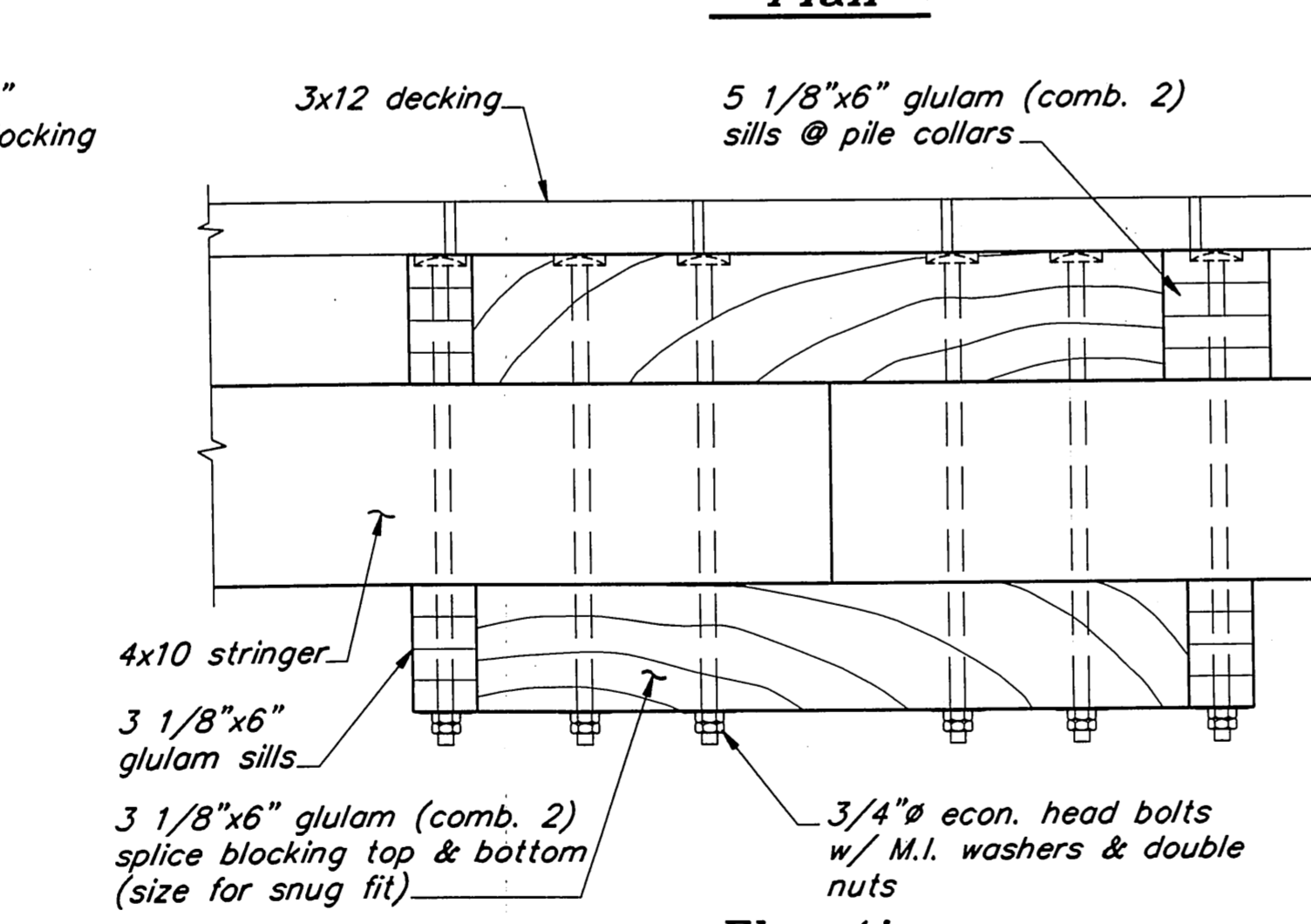


Elevation

External Stringer Splice Details 2

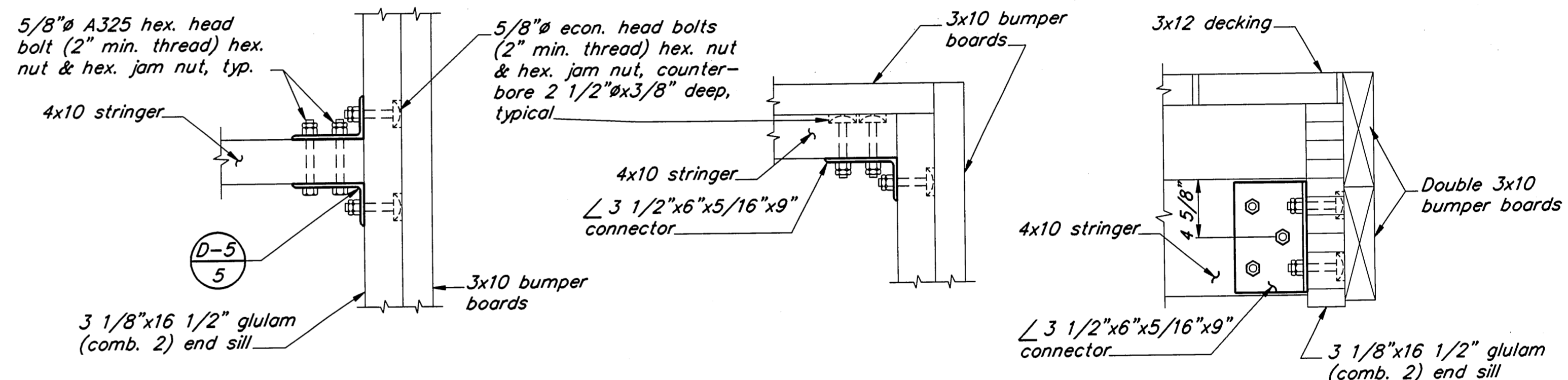


Plan



Elevation

Internal Stringer Splice Details 3

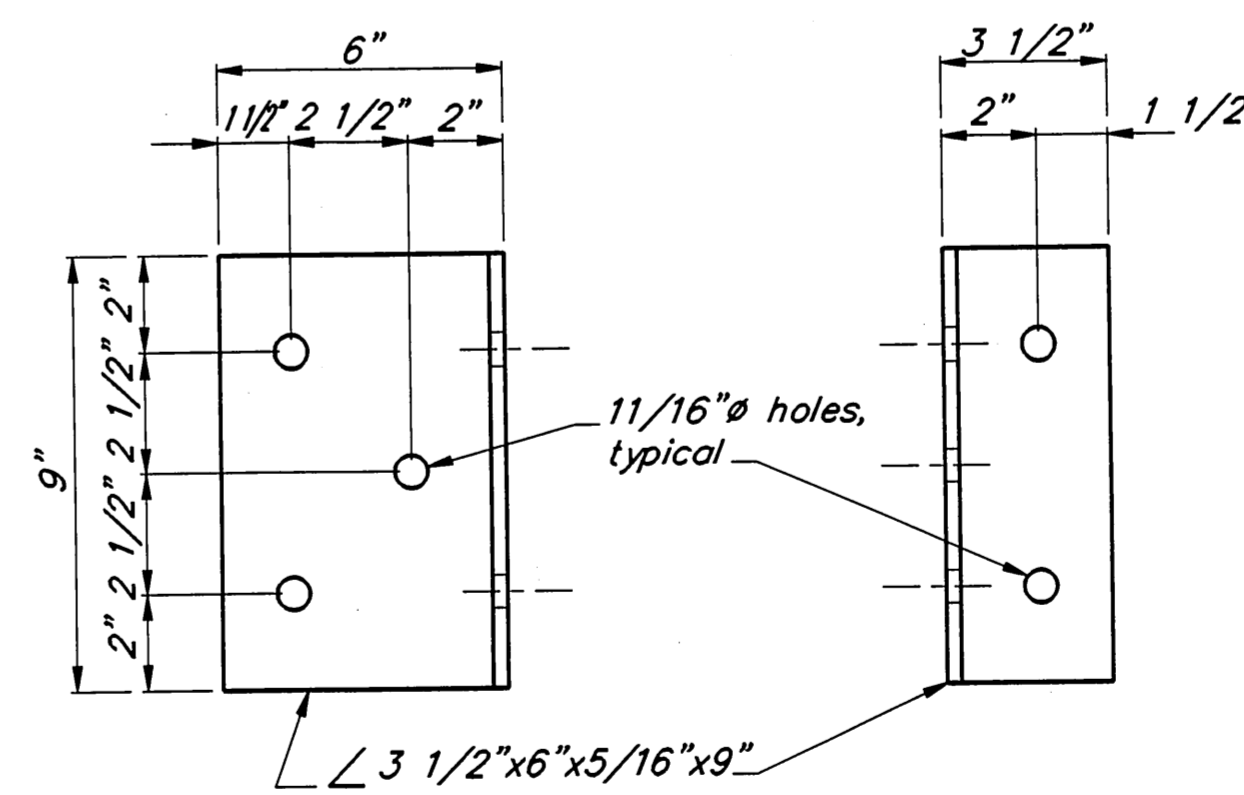


Intermediate Connection @ End Sill

Corner Connection @ End Sill

Typical Connection Elevation @ End Sill

Connection Details 4



Connector Detail 5

As Built
Mark Johnson
3/18/94

RECORD OF REVISIONS		
BY	DATE	DESCRIPTION OF CHANGE

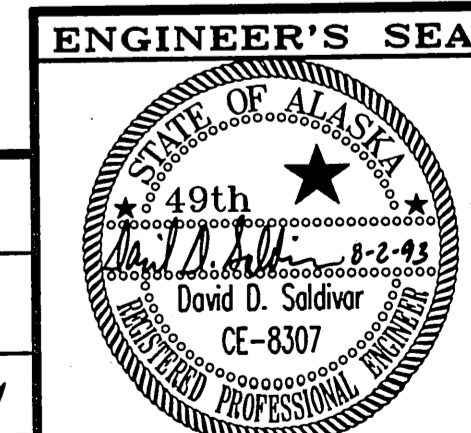
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DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
SOUTHEAST REGION DESIGN & CONSTRUCTION

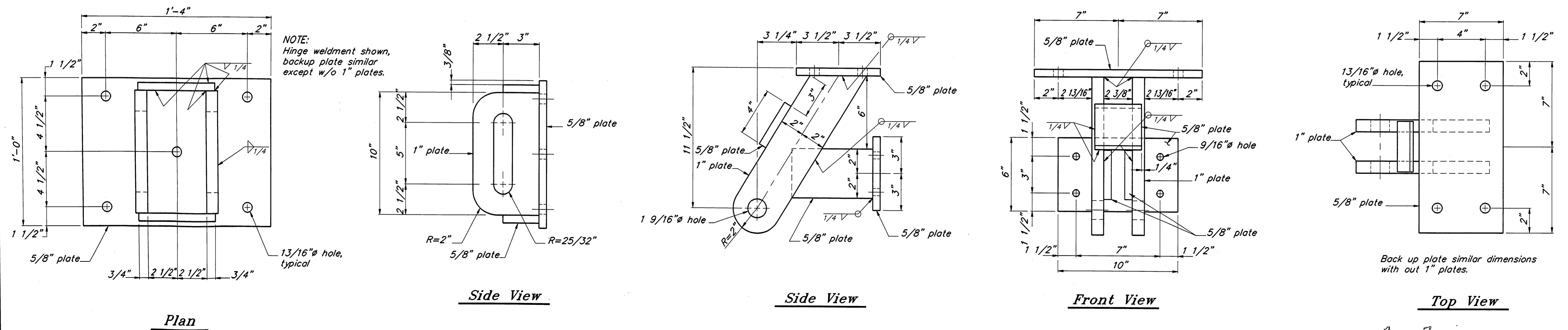
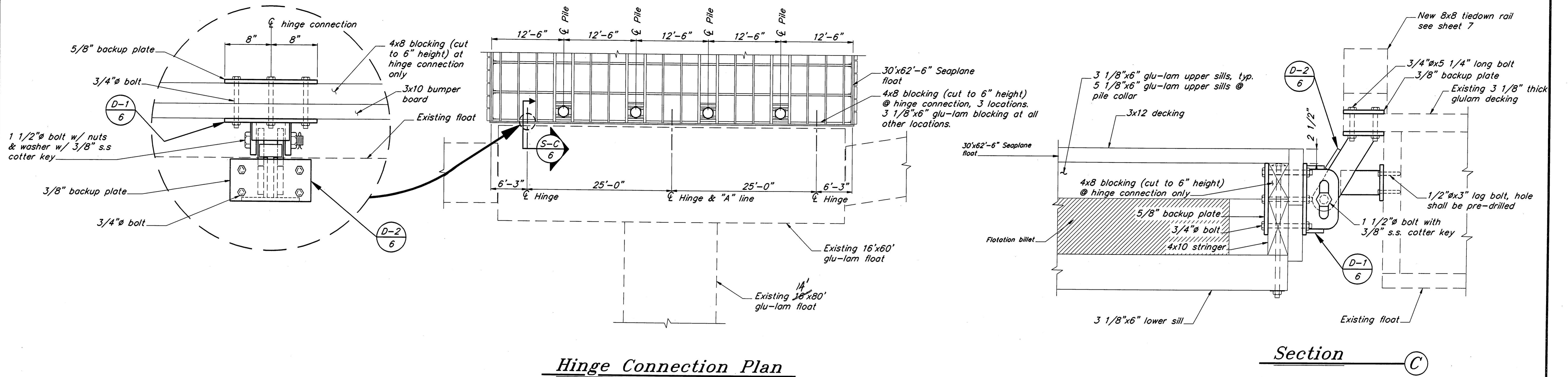
COFFMAN COVE

PRINCE OF WALES ISLAND
COFFMAN COVE SEAPLANE FLOAT
A.I.P. # 3-02-0064-01
SEAPLANE FLOAT DETAILS

ALASKA

DESIGNED BY: D.D.S.	PROJECT No. 71132
DRAWN BY: B.W.B.	DATE: August, 1993
CHECKED BY: J.D.B.	SHEET 5 OF 11





As Built
Mark Johnson
 3/13/94

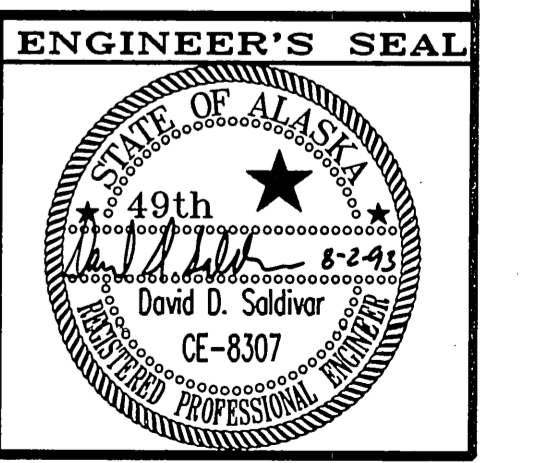
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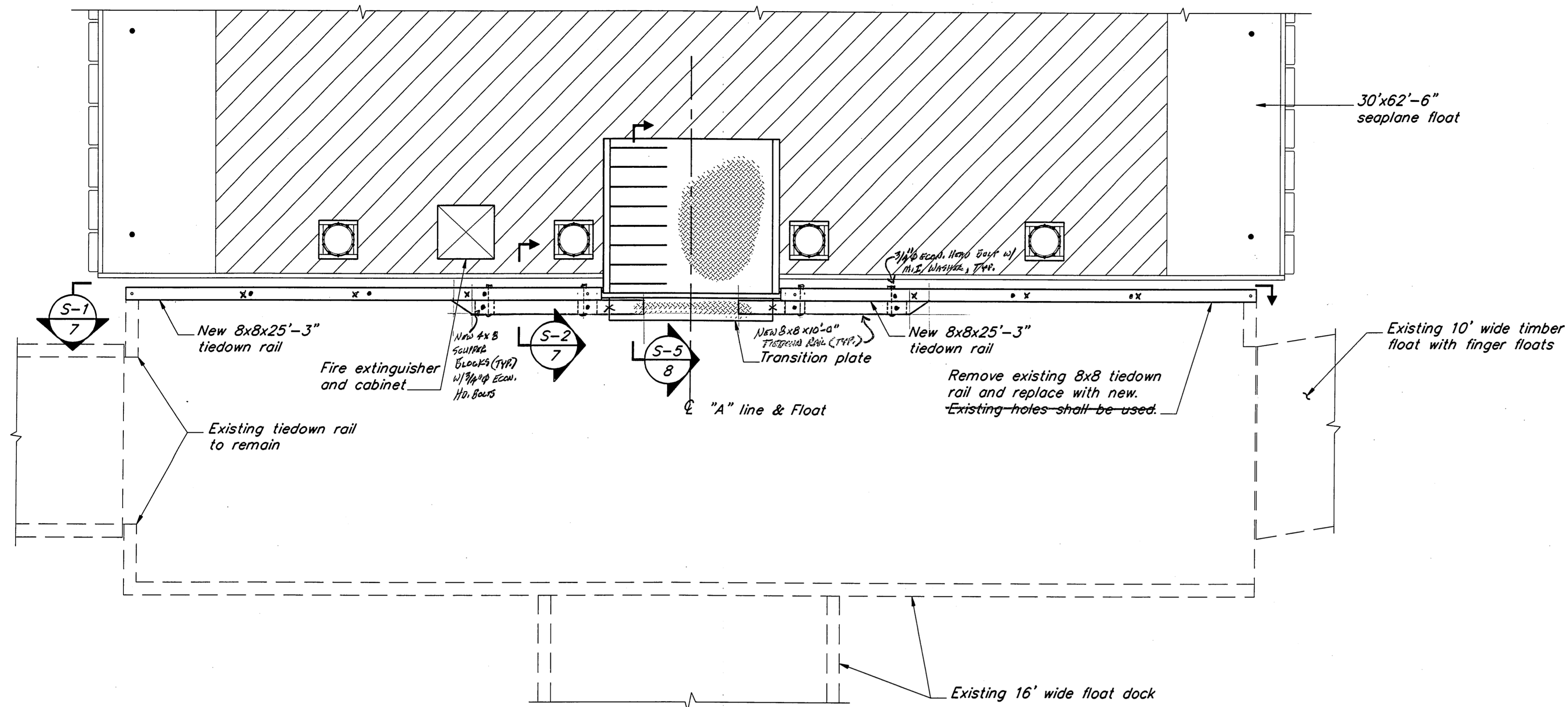
STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
 SOUTHEAST REGION DESIGN & CONSTRUCTION

COFFMAN COVE
 PRINCE OF WALES ISLAND
 COFFMAN COVE SEAPLANE FLOAT
 A.I.P. # 3-02-0064-01
FLOAT CONNECTION

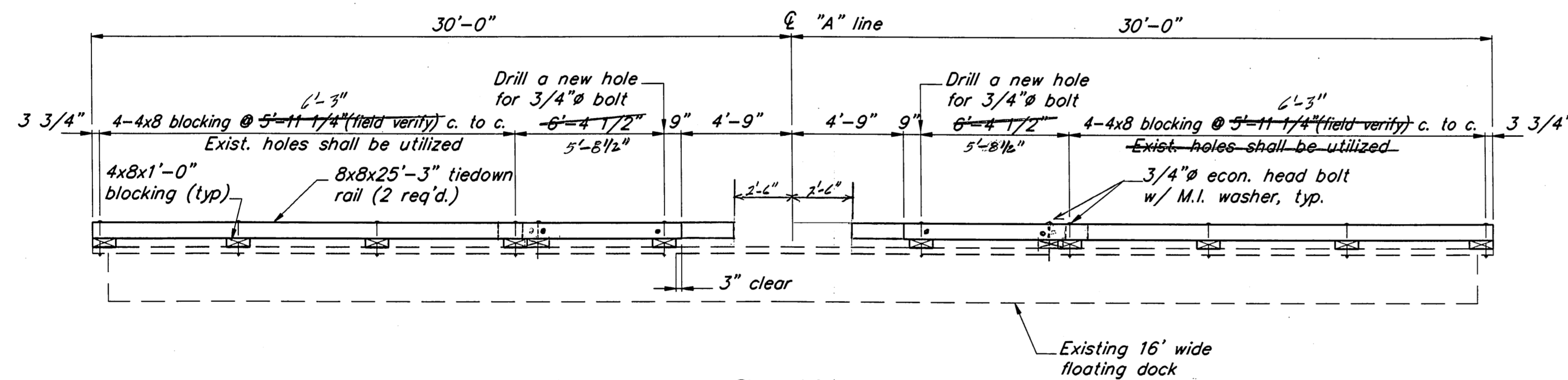
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 DRAWN BY: B.W.B.
 CHECKED BY: J.D.B.

PROJECT No. 71132
 DATE: August, 1993
 SHEET 6 OF 11

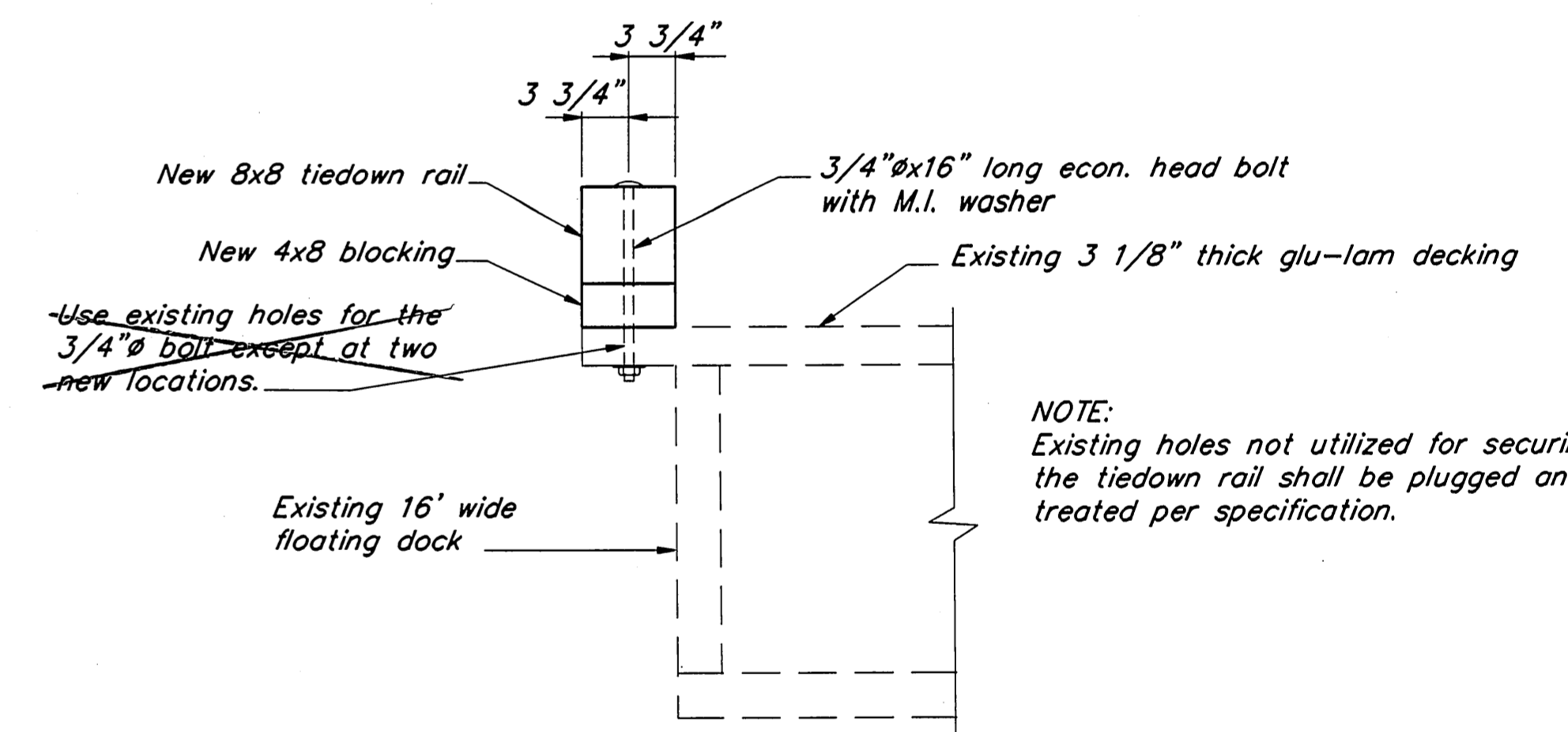




Tiedown Rail Replacement



Section ①



NOTE:
Existing holes not utilized for securing the tiedown rail shall be plugged and treated per specification.

Section ②

As Built
Mark Johnson
3/10/94

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BY	DATE	DESCRIPTION OF CHANGE

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
SOUTHEAST REGION DESIGN & CONSTRUCTION

COFFMAN COVE

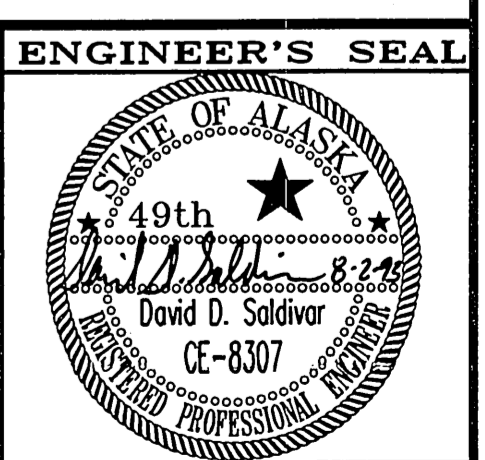
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COFFMAN COVE SEAPLANE FLOAT
A.I.P. # 3-02-0064-01

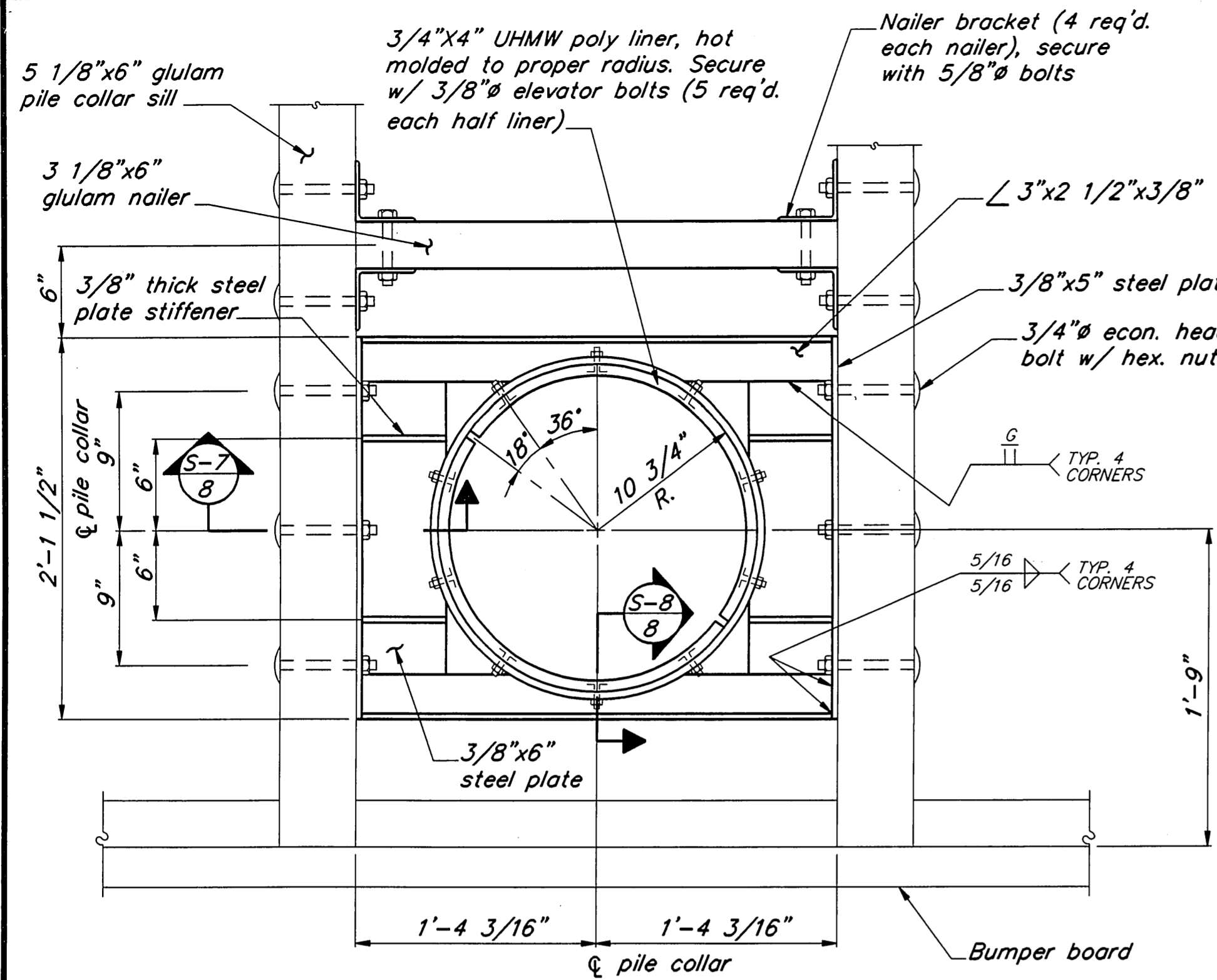
ALASKA

TIEDOWN RAIL REPLACEMENT

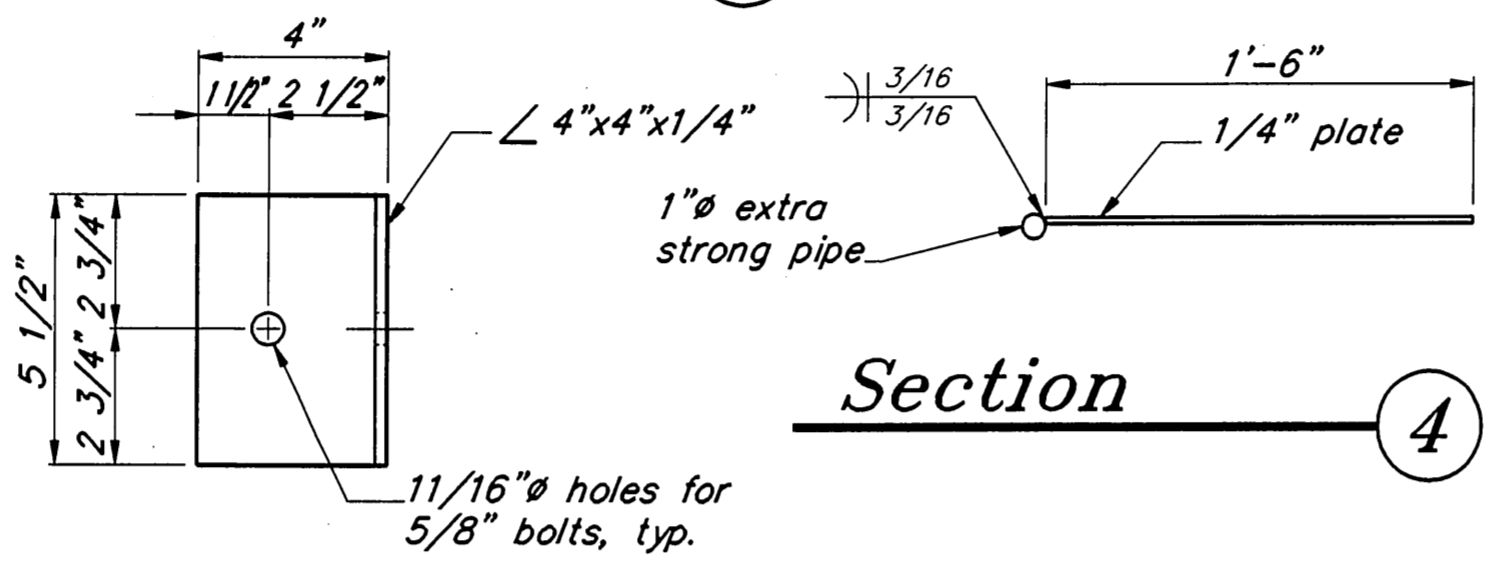
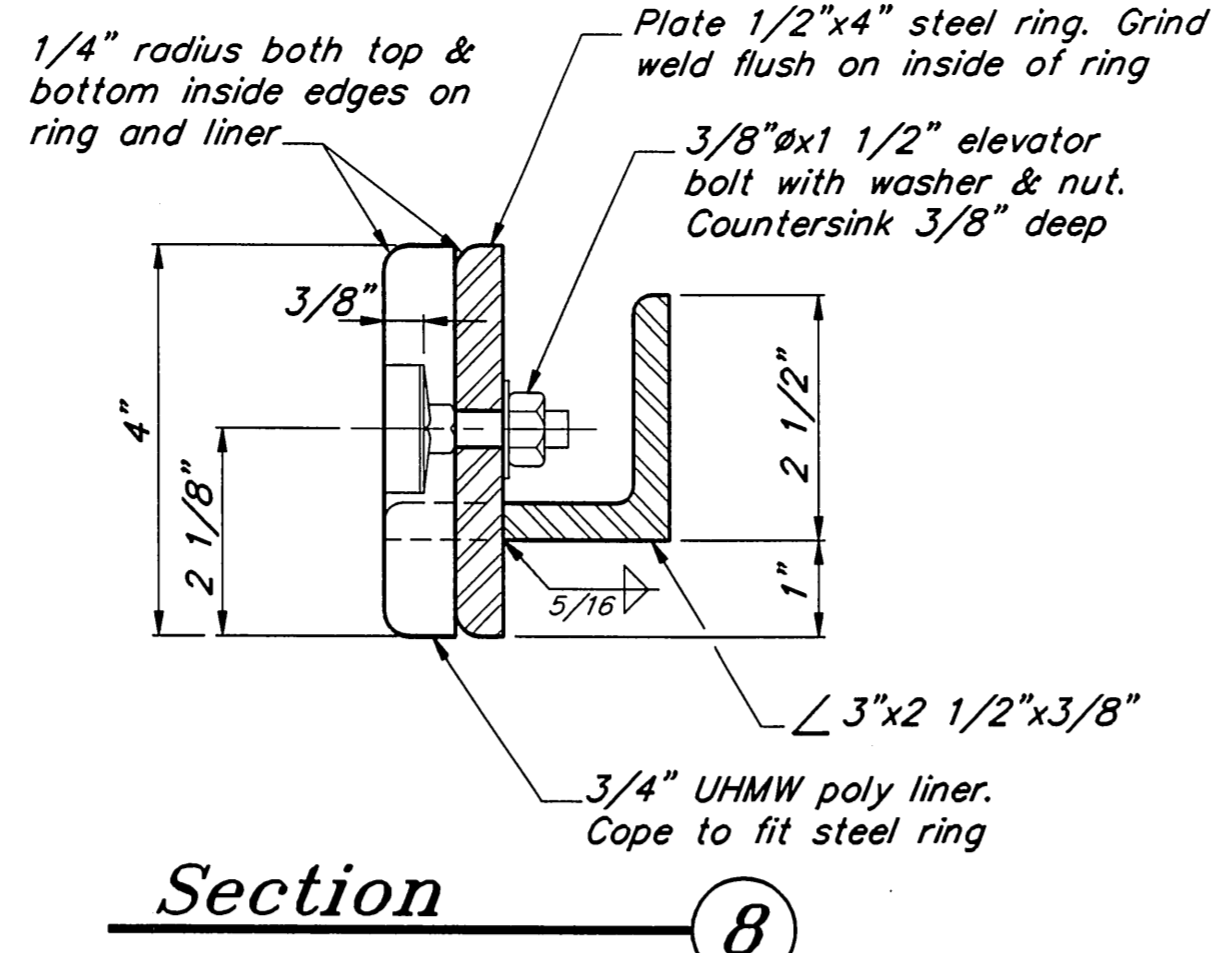
DESIGNED BY: D.D.S.
DRAWN BY: B.W.B.
CHECKED BY: J.D.B.

PROJECT No. 71132
DATE: August, 1993
SHEET 7 OF 11

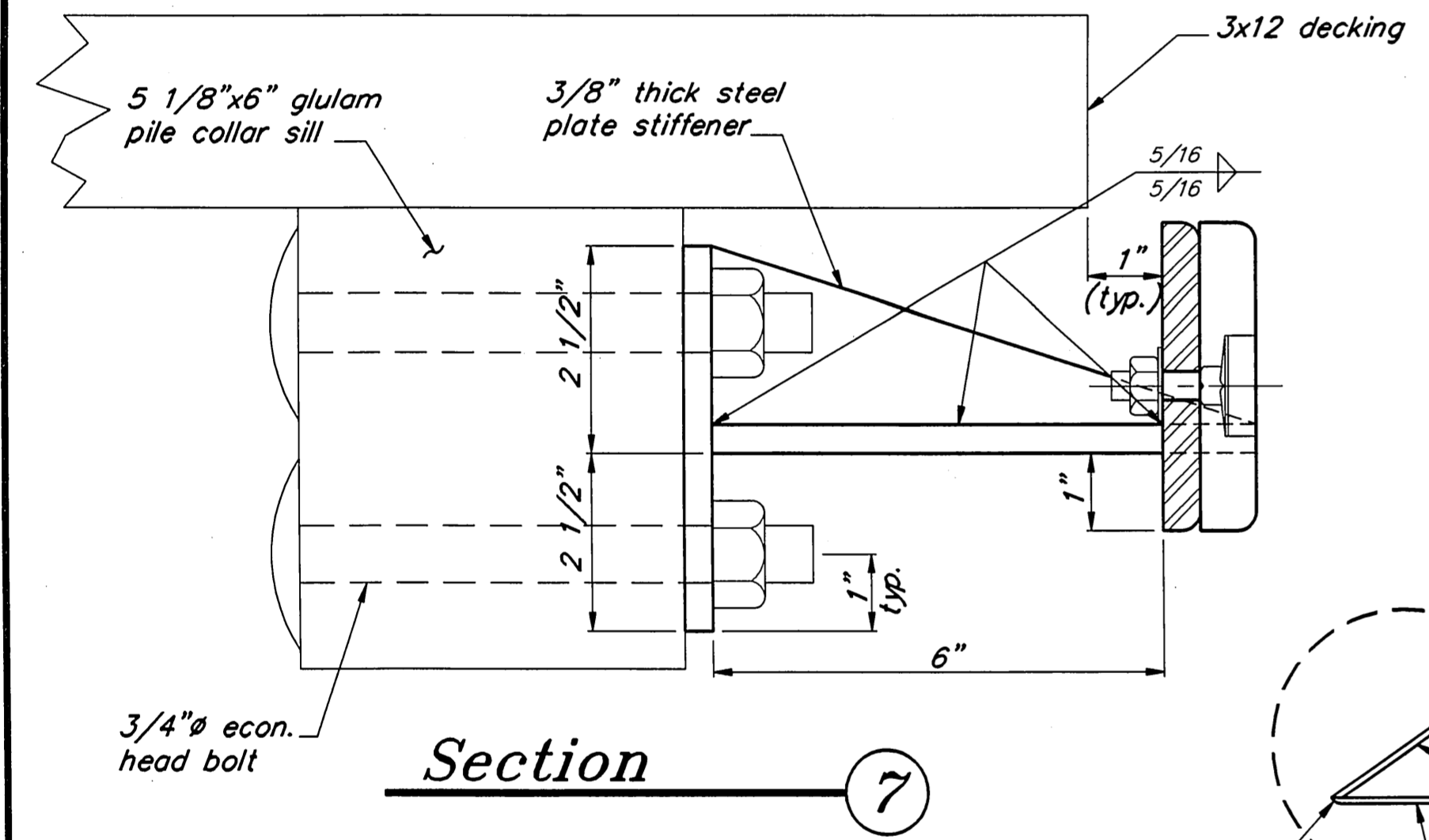
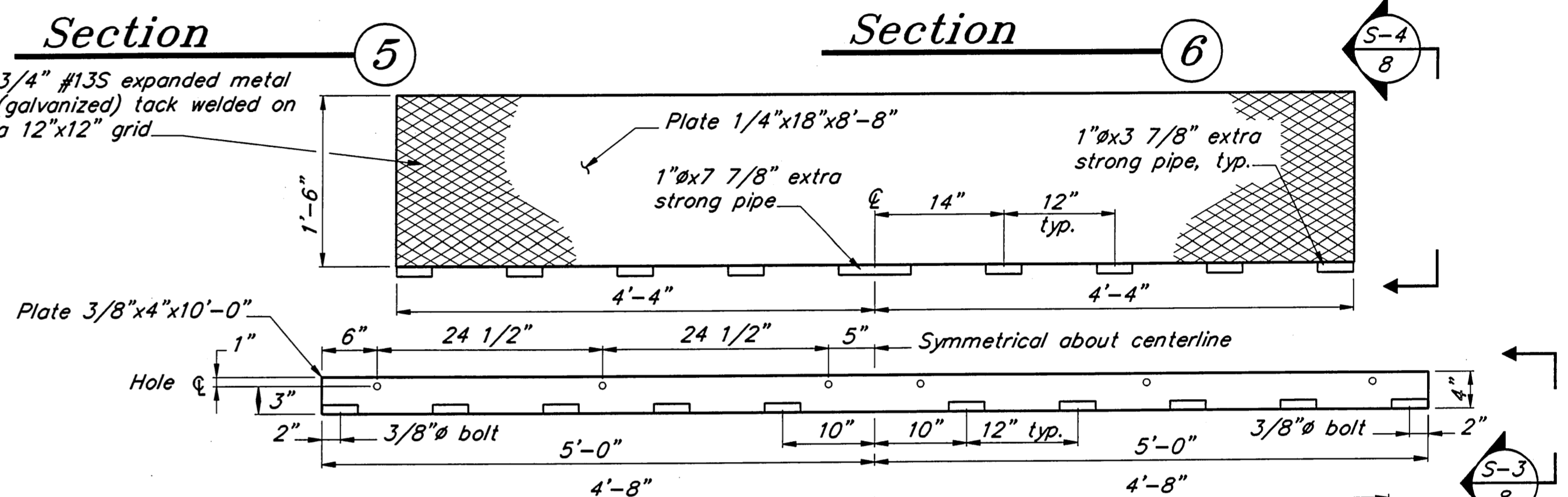
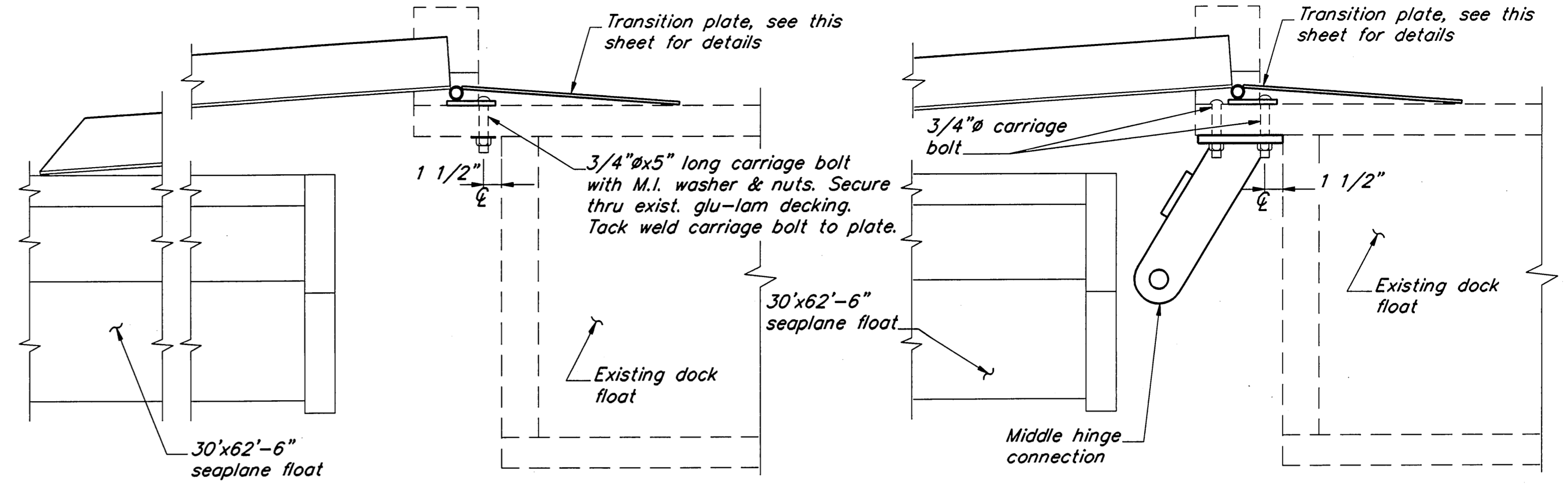




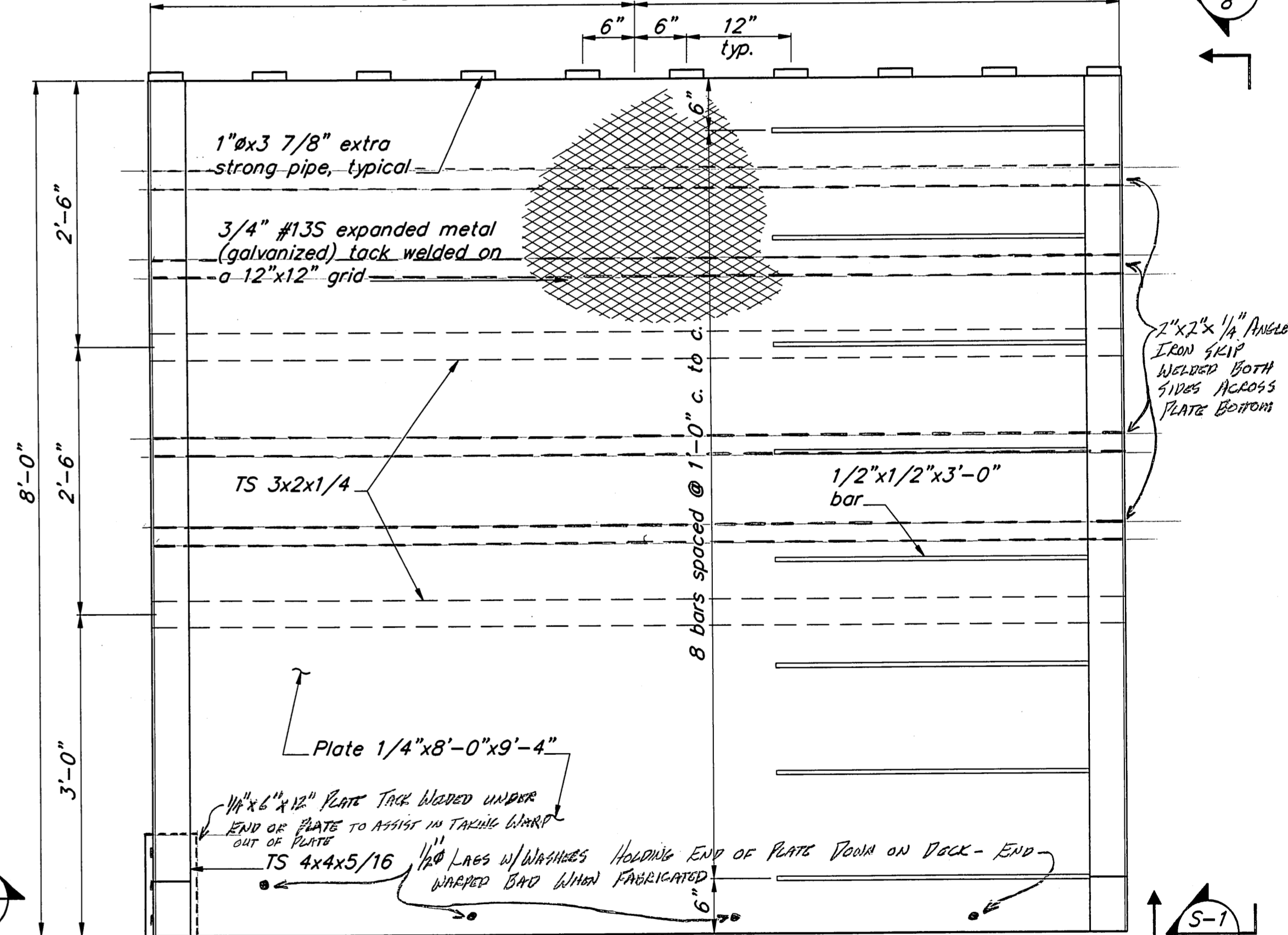
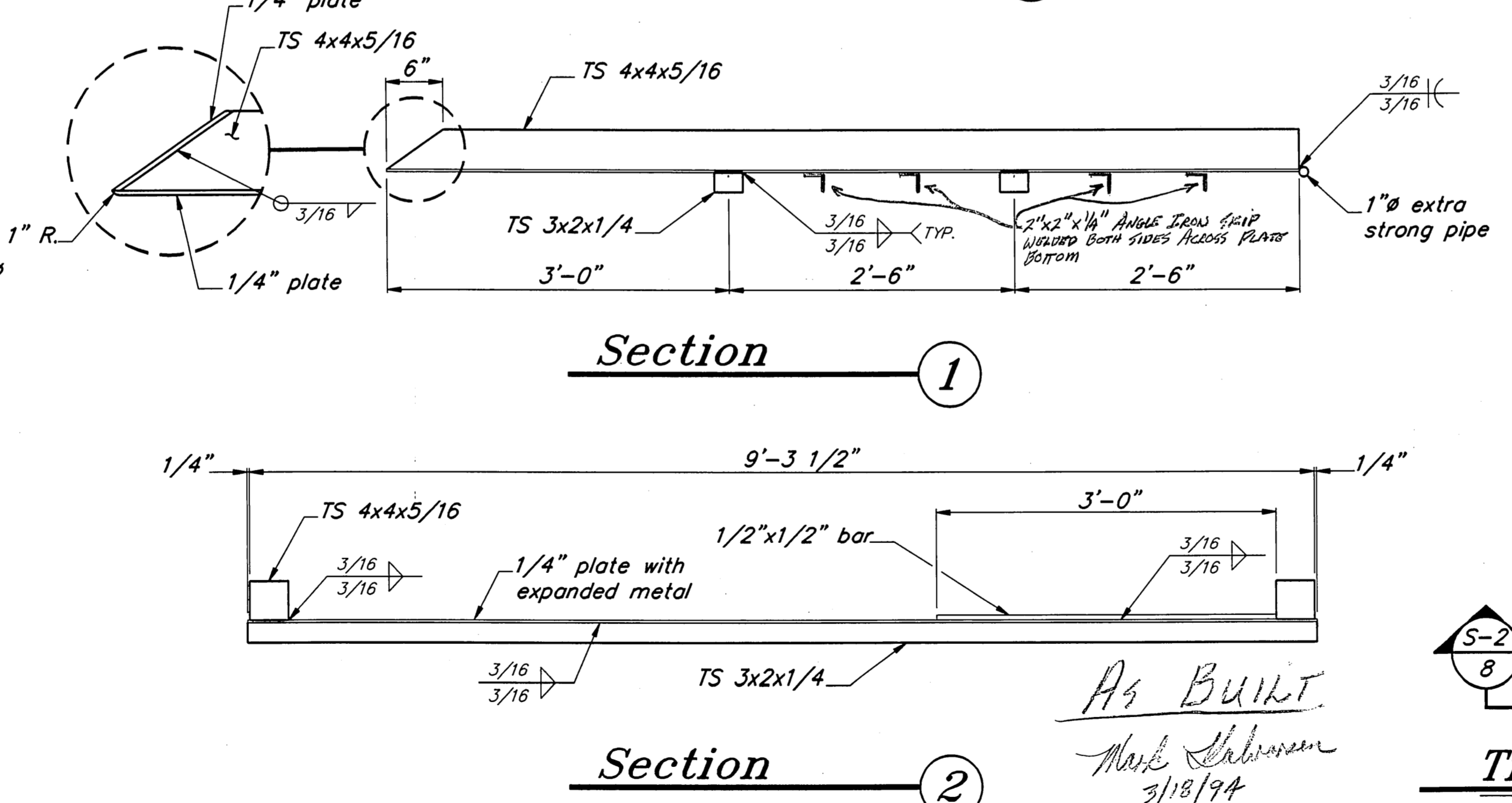
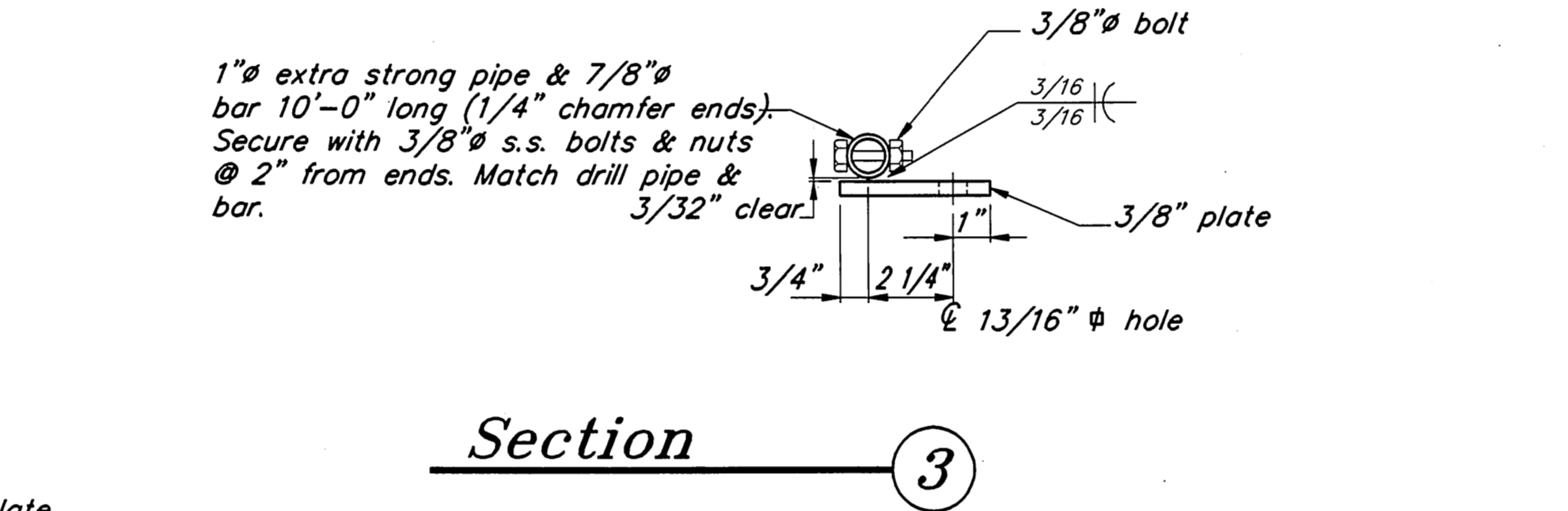
Pile Collar Details & Assembly



Nailer Bracket



Tie-Down Ring Detail
 (14 REQUIRED)



Transition Plate Detail

NOTE:
 Cover plates to be A36 steel plate. Expanded metal shall be positioned so that the raised surface at the band faces uphill.

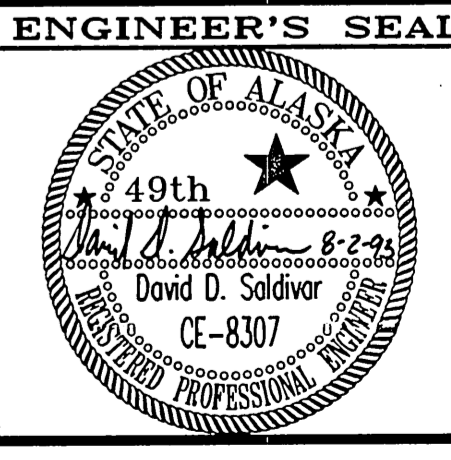
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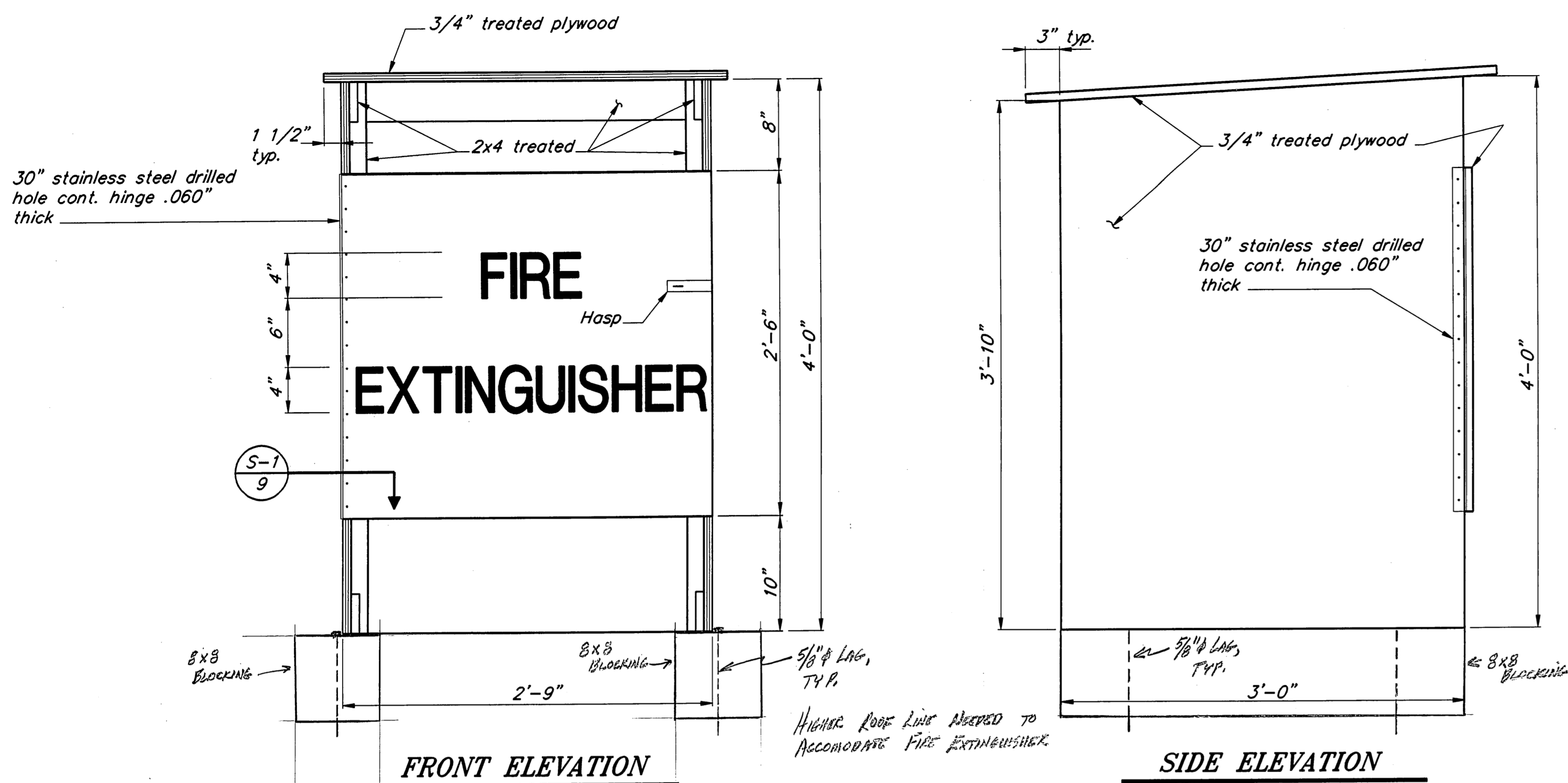
STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
 SOUTHEAST REGION DESIGN & CONSTRUCTION

COFFMAN COVE
 PRINCE OF WALES ISLAND
 COFFMAN COVE SEAPLANE FLOAT
 A.I.P. # 3-02-0064-01
TRANSITION PLATE & PILE COLLAR DETAILS

ALASKA
 DESIGNED BY: D.D.S.
 DRAWN BY: B.W.B.
 CHECKED BY: J.D.B.
 PROJECT No. 71132
 DATE: August, 1993
 SHEET 8 OF 11

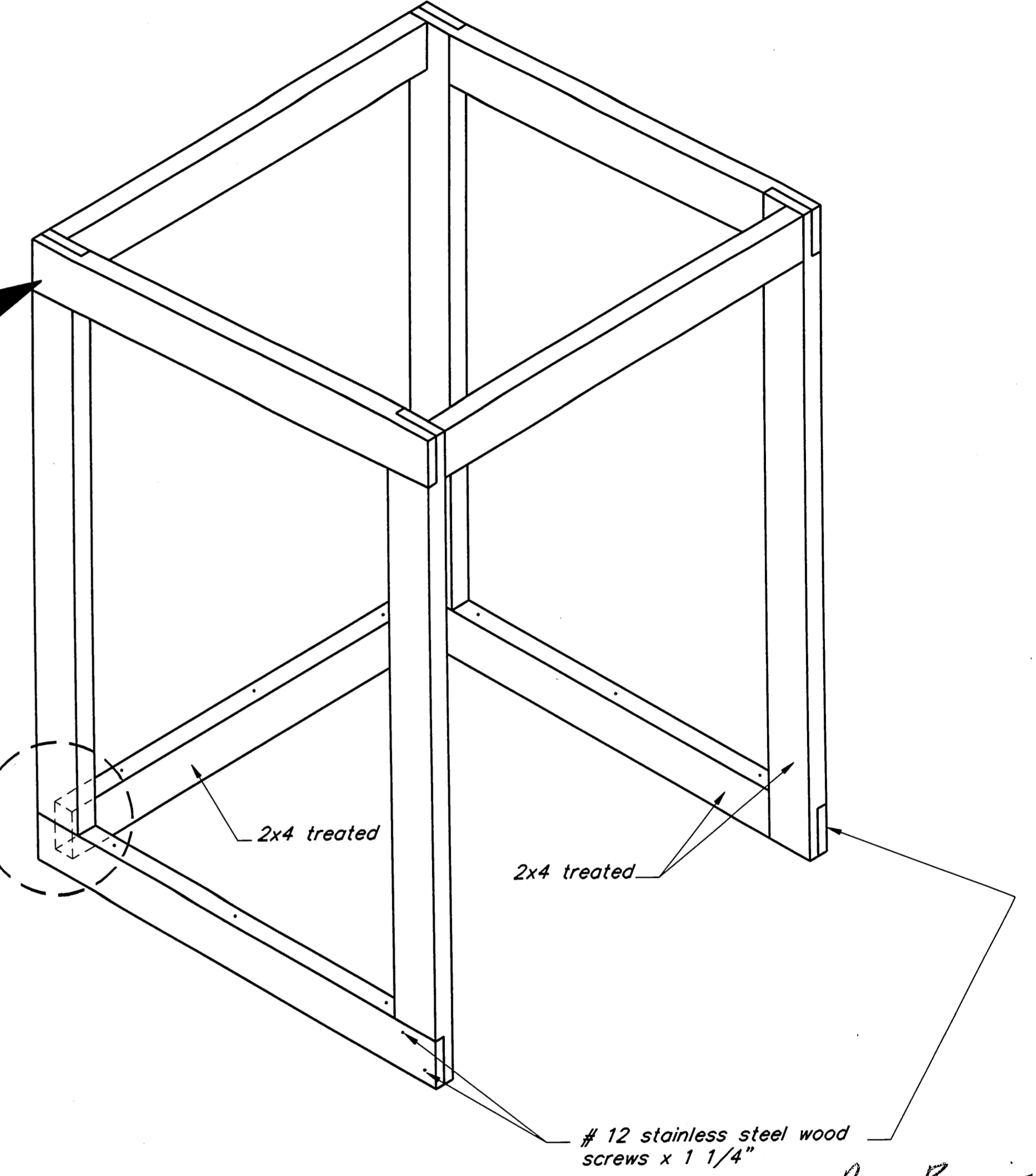
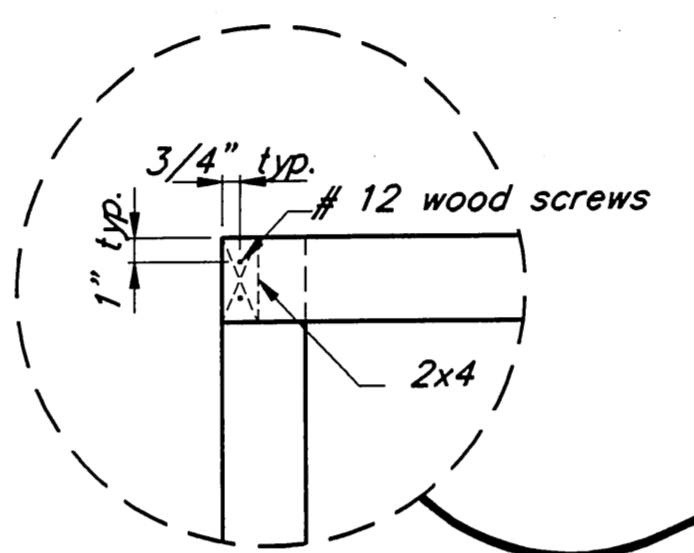
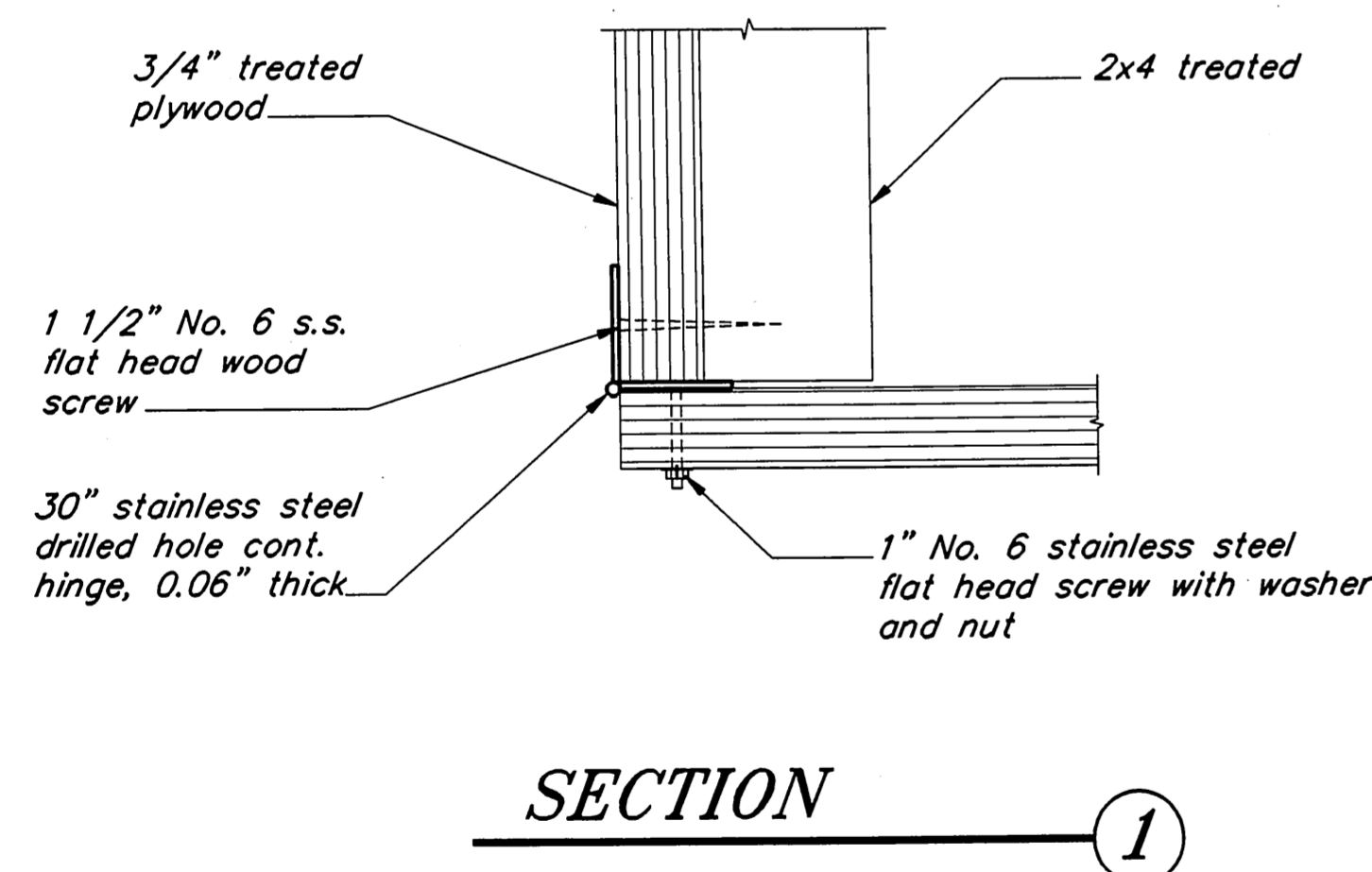


As BUILT
 Mark Johnson
 3/18/94



- NOTES:
- All connections, unless otherwise noted to be predrilled for # 12 s.s. wood screws 3 1/2" long, 2 per connection.
 - Secure cabinet to ^{8"x8"x3'-0" blocking} deck with 3- # 16 s.s. wood screws 5 1/2" long, equally spaced in each bottom member (total 9).
 - Plywood nailed to frame with 6d nails at 6" on center.
 - Cabinet shall be painted red with words "FIRE EXTINGUISHER" painted in bold white letters on the front. Lettering shall be 4" high.

FIRE EXTINGUISHER CABINET



FRAMING ISOMETRIC

AS BUILT
Mark Salvo
 3/18/94

PATH : P:\CFC\SEAFLOT\DR\CABINET.dwg < 1=8 >

BY	DATE	DESCRIPTION OF CHANGE

RECORD OF REVISIONS

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
 SOUTHEAST REGION DESIGN & CONSTRUCTION

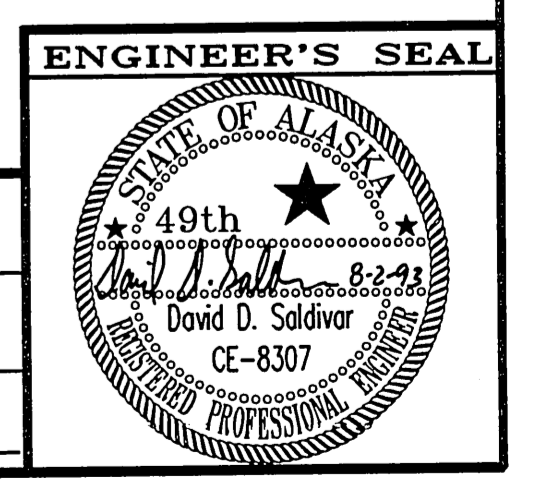
COFFMAN COVE

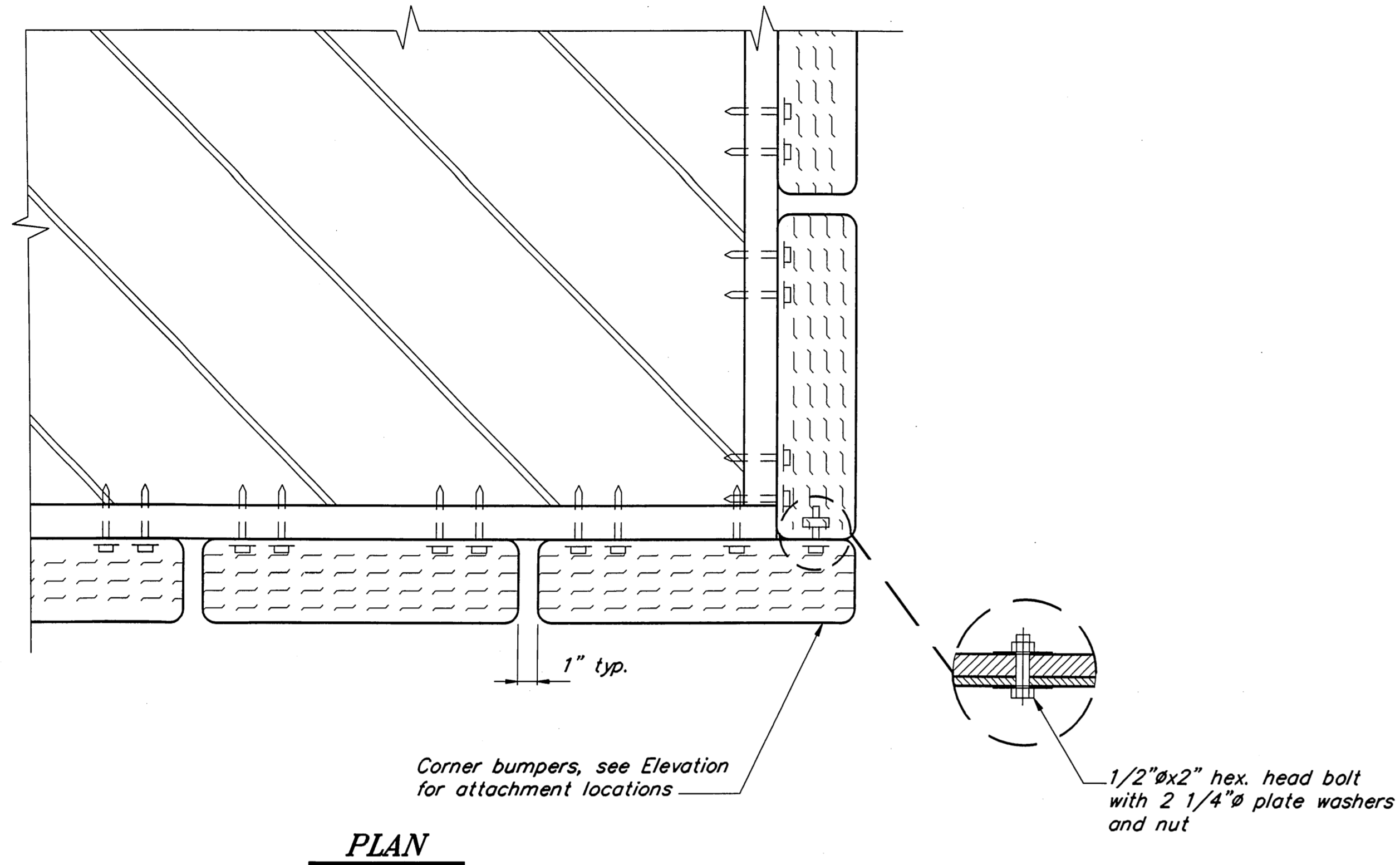
PRINCE OF WALES ISLAND
 COFFMAN COVE SEAPLANE FLOAT
 A.I.P. # 3-02-0064-01
FIRE EXTINGUISHER & CABINET

ALASKA

DESIGNED BY: N.L.A.
 DRAWN BY: B.W.B.
 CHECKED BY: J.D.B.

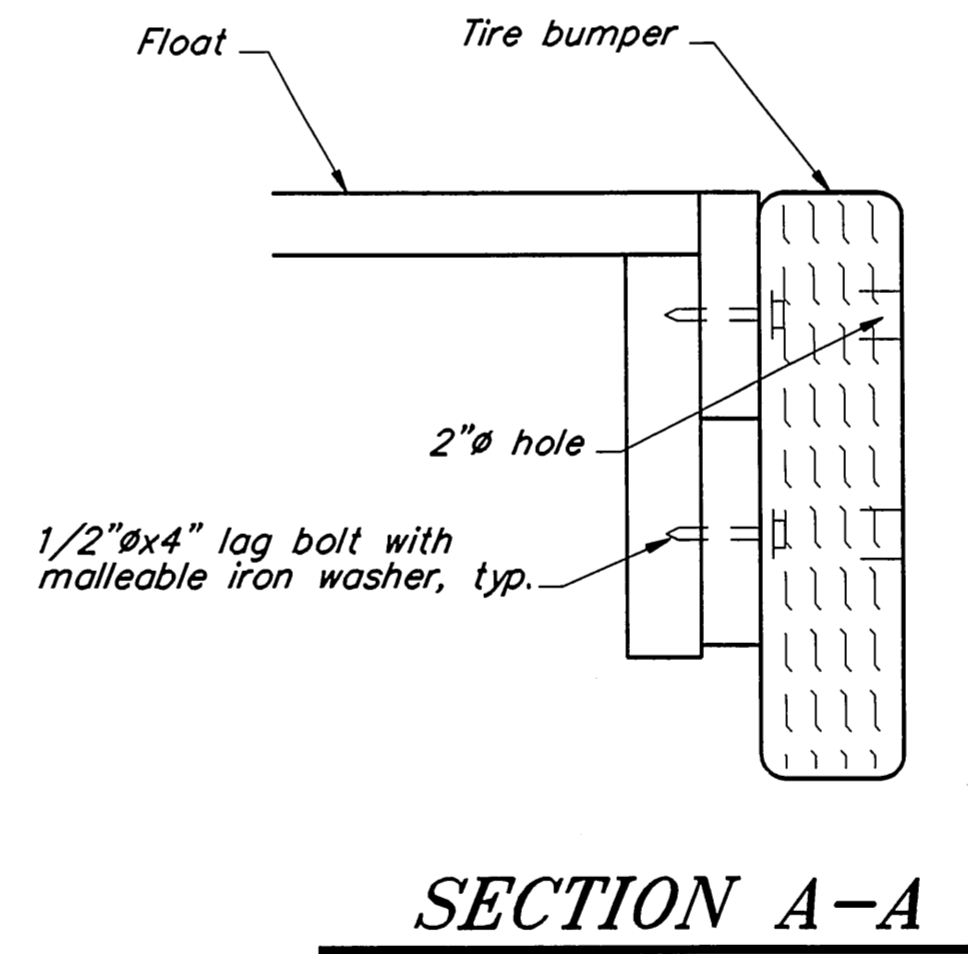
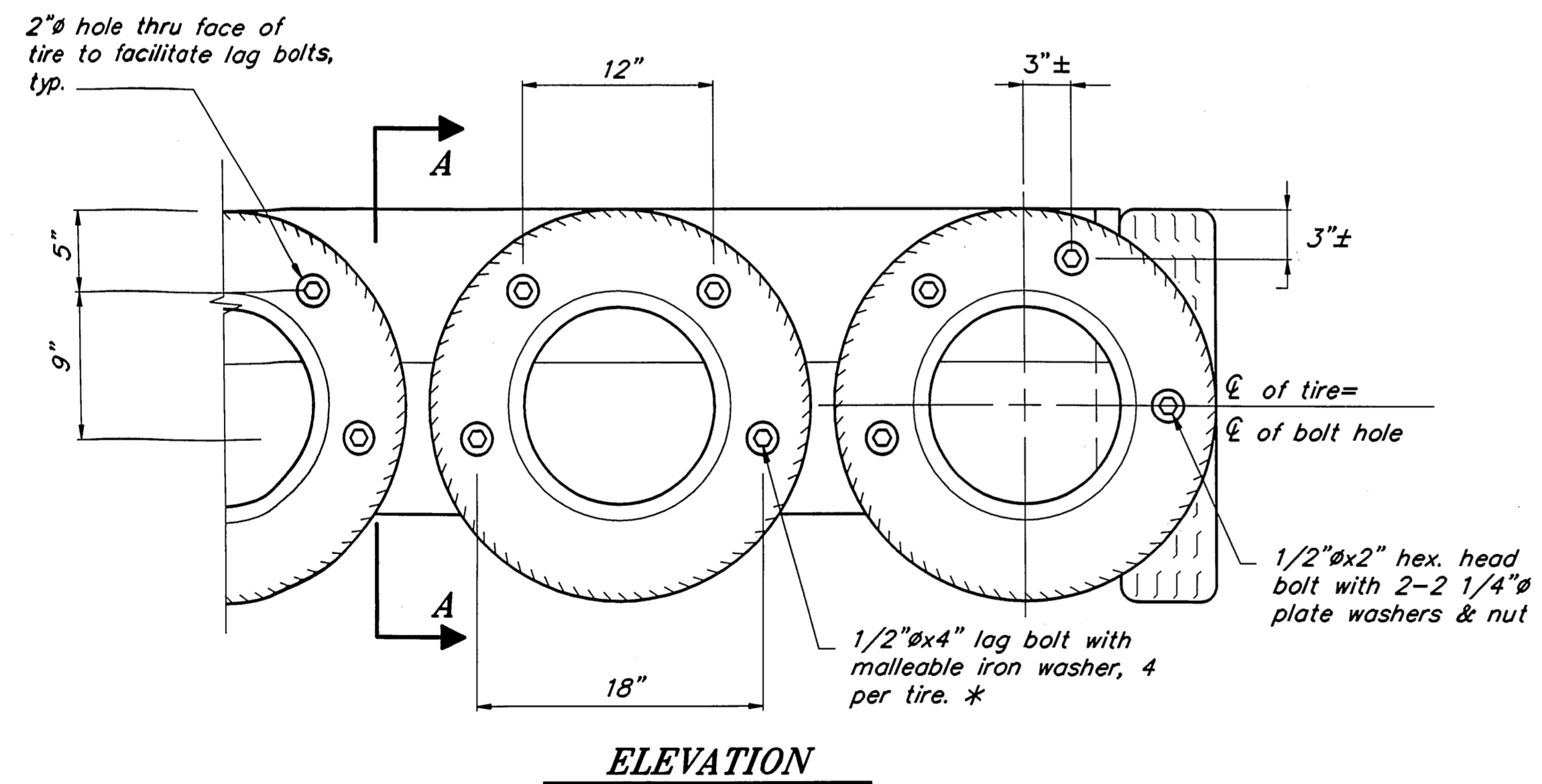
PROJECT No. 71132
 DATE: August, 1993
 SHEET 9 OF 11





NOTES:

1. Tires shall be used 13" with a minimum 1/8" deep summer or all season tread, no heavy lugs or studs.
2. All of the tires shall be the same width with a maximum allowable variation of 1/2".
3. Paint tires per specification.



* Use 1/2"Ø x 2" lag bolt at exterior stringer splice.

TIRE BUMPER DETAILS

As Built
Mark Johnson
 3/18/94

PATH : P:\CFC\SEAPLANE\MISCDET1.dwg <1=8 >		
BY	DATE	DESCRIPTION OF CHANGE

RECORD OF REVISIONS

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
 SOUTHEAST REGION DESIGN & CONSTRUCTION

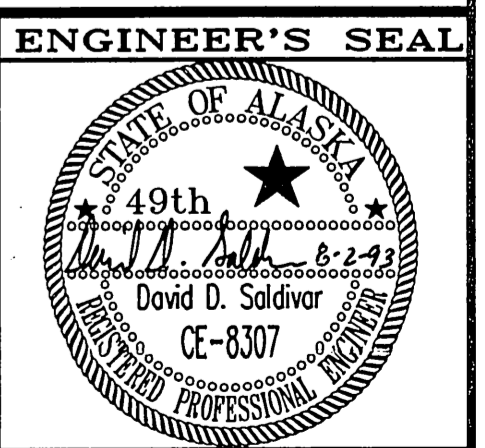
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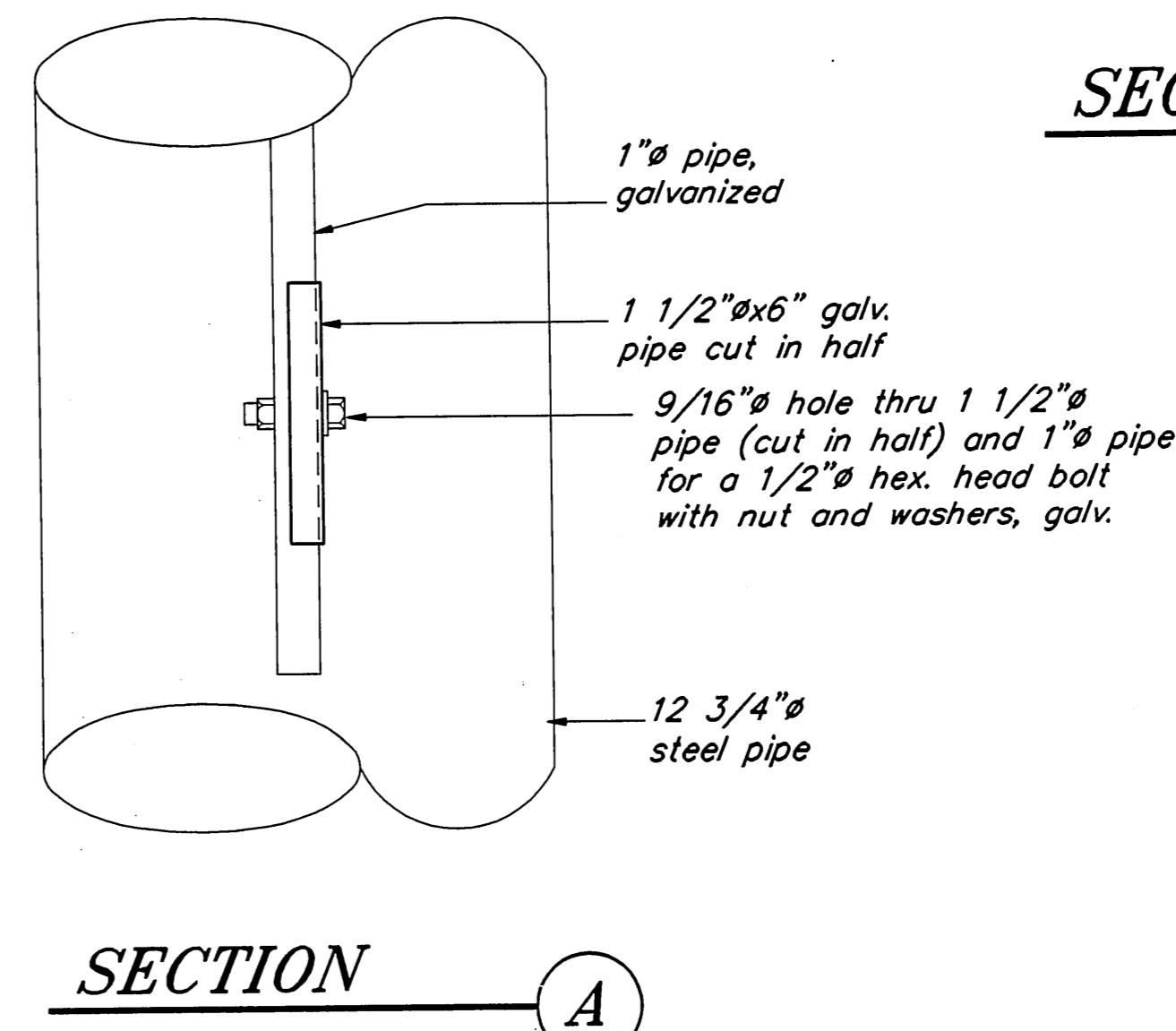
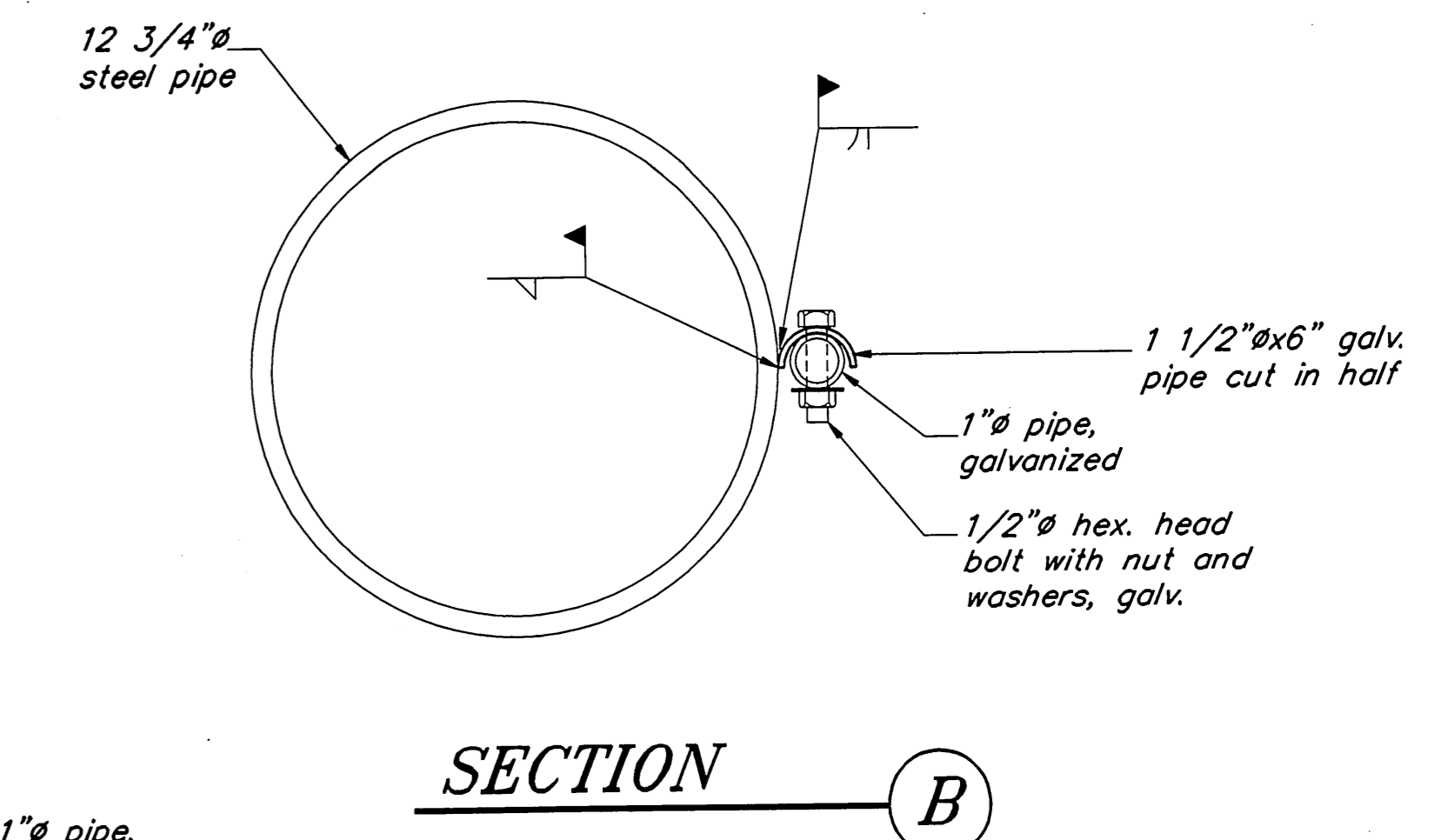
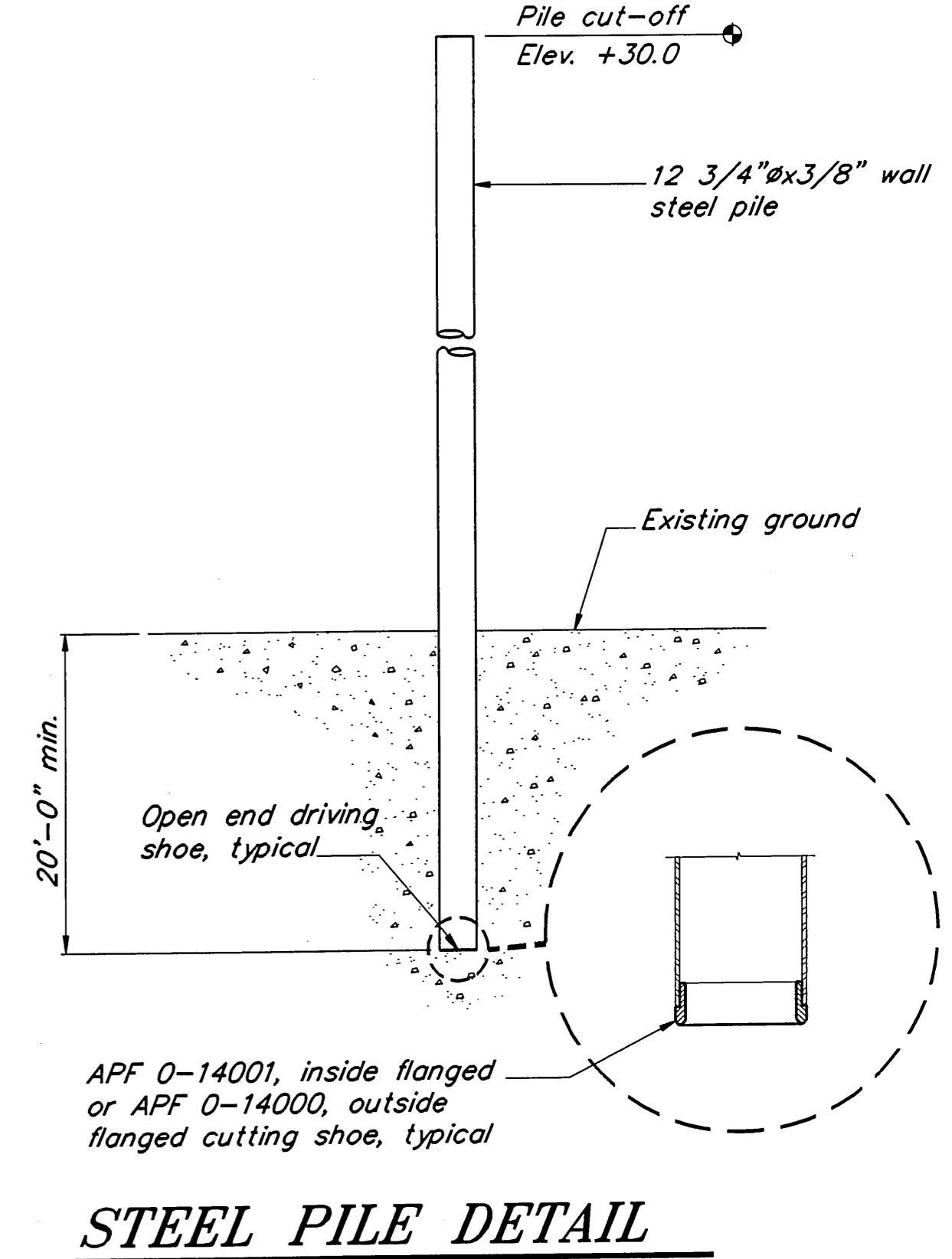
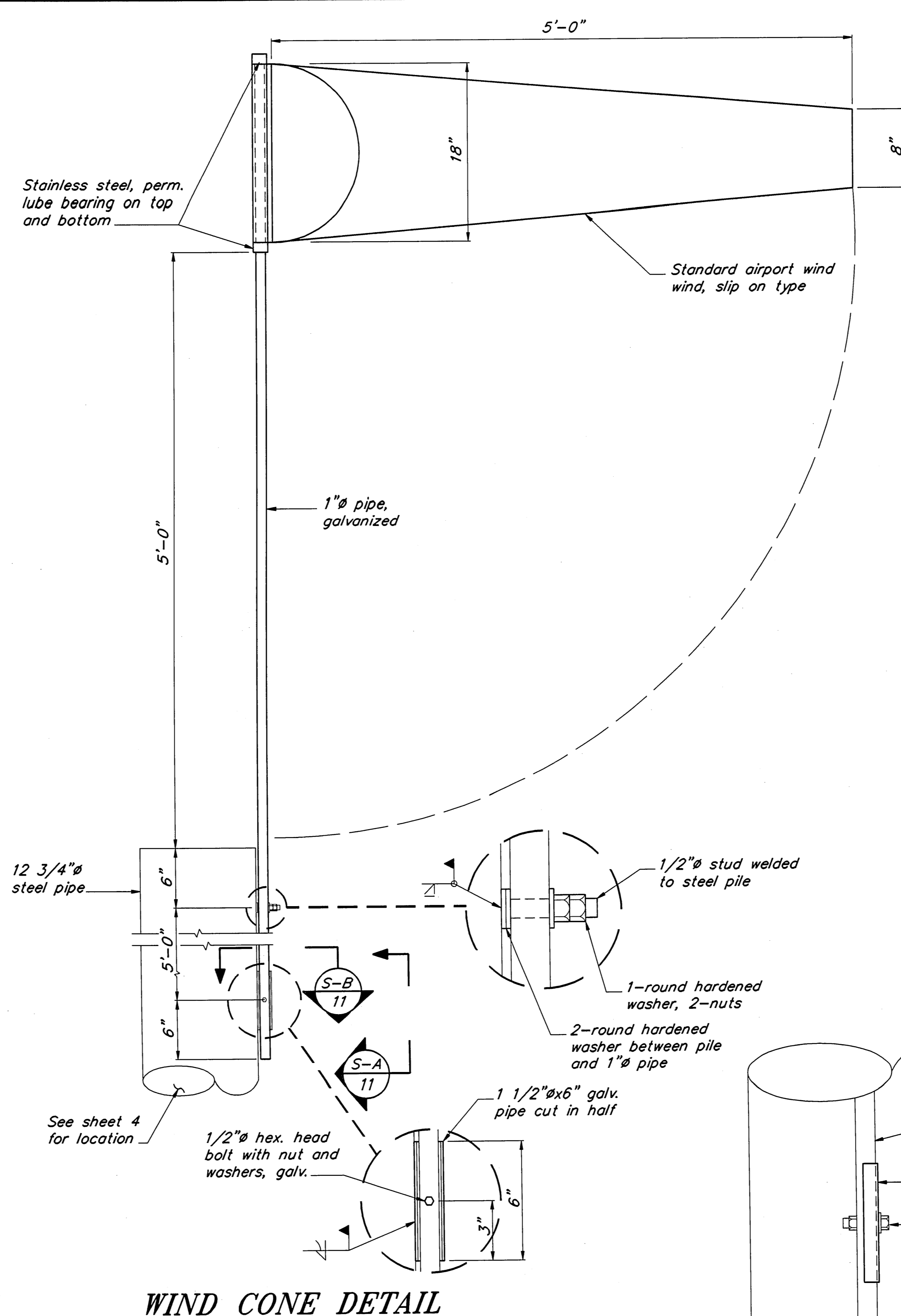
PRINCE OF WALES ISLAND
 COFFMAN COVE SEAPLANE FLOAT
 A.I.P. # 3-02-0064-01

MISCELLANEOUS DETAILS

ALASKA

DESIGNED BY: D.D.S.	PROJECT No. 71132
DRAWN BY: B.W.B.	DATE: August, 1993
CHECKED BY: J.D.B.	SHEET 10 OF 11





SIGN NOTES :
Align top of sign with the top of the float piles so that signs are visible when approaching from the water side. Secure the signs by welding the heads of two-1/2" stainless steel bolts to each pile. Place the sign and install 1/2" flat stainless steel washers and nuts. See sheet 4 for location of signs or as directed by the Engineer.

AS BUILT
Mark Halverson
3/10/94

RECORD OF REVISIONS		
BY	DATE	DESCRIPTION OF CHANGE

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
SOUTHEAST REGION DESIGN & CONSTRUCTION

COFFMAN COVE

PRINCE OF WALES ISLAND
COFFMAN COVE SEAPLANE FLOAT
A.I.P. # 3-02-0064-01
MISCELLANEOUS DETAILS

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