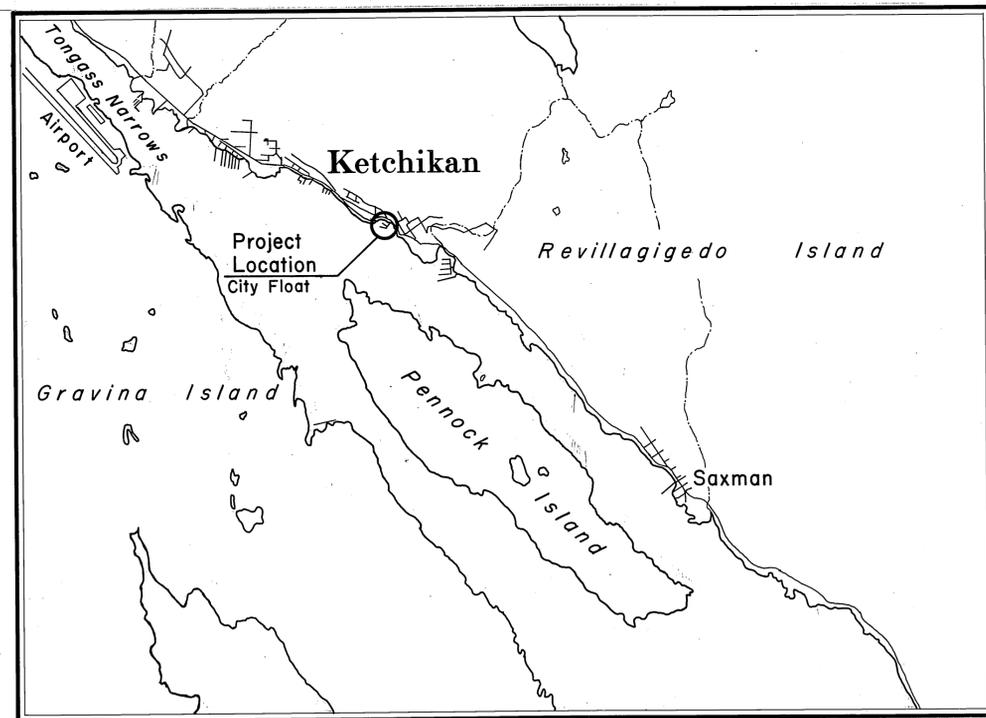
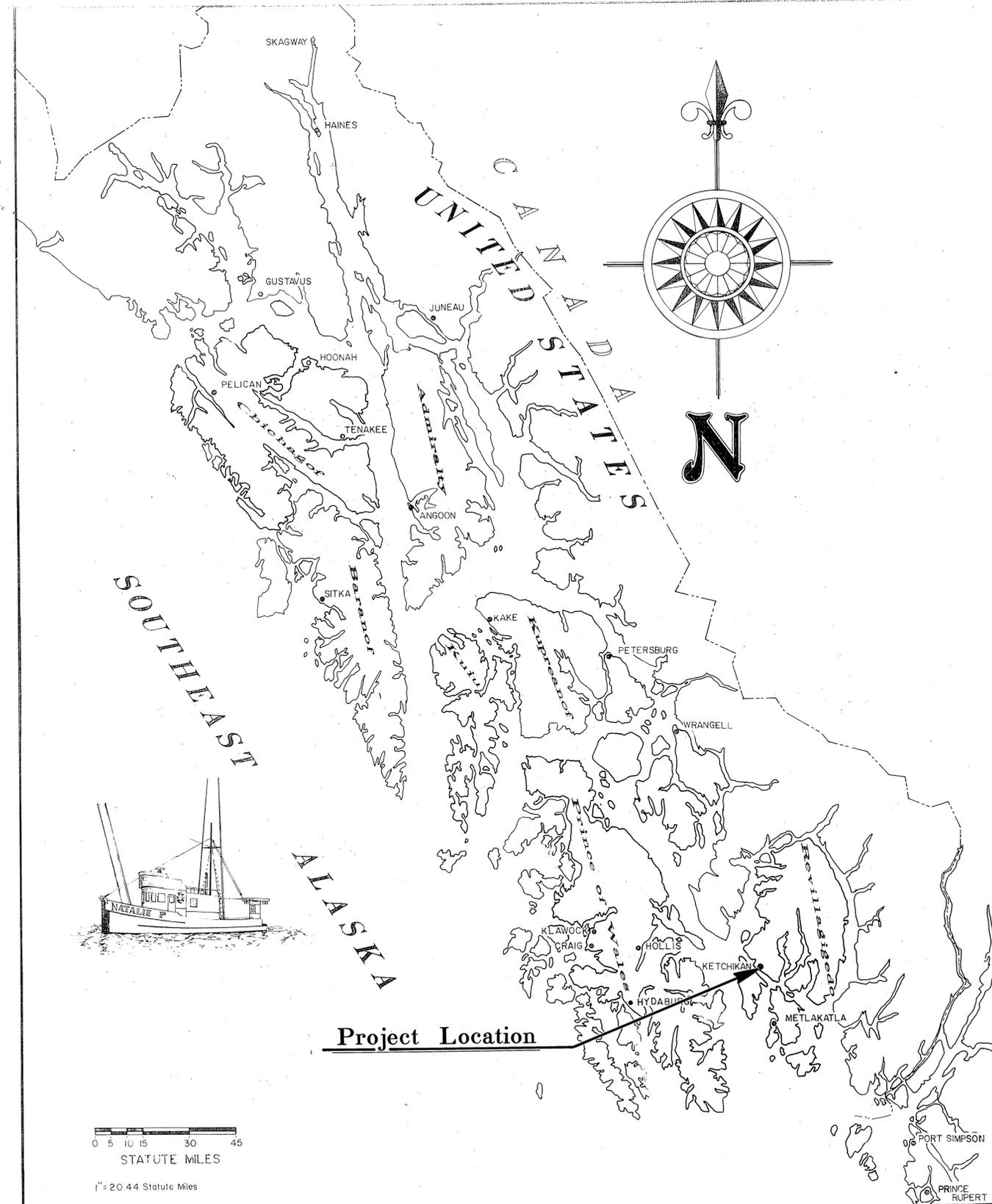


Ketchikan City Float Repair

PROJECT NO. 70162



VICINITY MAP



Project Location

0 5 10 15 30 45
STATUTE MILES
1" = 20.44 Statute Miles

STATE
OF
ALASKA

DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
S.E. REGION DESIGN & CONSTRUCTION

APPROVED

E. V. Darnell 3-7-91
Director S.E. D.&C. Date

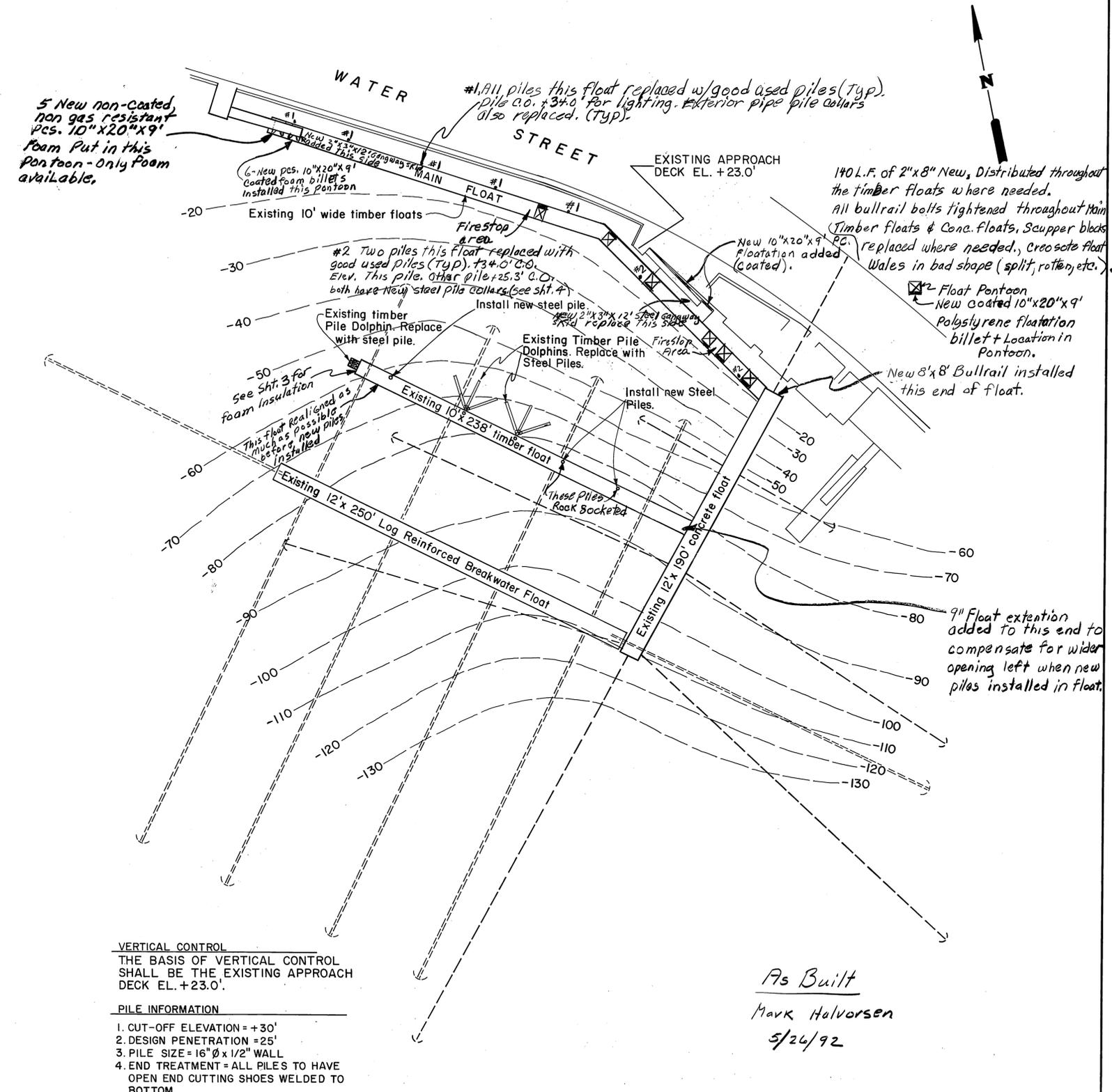
Recommendation
for Approval
Gary J. McCall 3/7/91
ENGINEERING MANAGER Date

SHEET 1 of 4

INDEX TO SHEETS

		As Built
1	Title Sheet	Start: Sept. 13, 1991
2	Project Layout	Stop: April 6, 1992
3	Float Modification Details	Cont: Fabry Const. Co.
4	Miscellaneous Details	Proj. Engr: Mark Halvorsen
		Date: May 26, 1992

PROJECT &
FILE NO.
70162
KETCHIKAN
CITY FLOAT
REPAIR



5 New non-coated, non gas resistant pcs. 10"x20"x9' foam put in this pontoon - Only foam available.

#1 All piles this float replaced w/good used piles (Typ) pile c.o. +34.0 for lighting. Exterior pipe pile collars also replaced. (Typ).

140 L.F. of 2"x8" New, Distributed throughout the timber floats where needed. All bullrail bolts tightened throughout Main (Timber floats & Conc. floats, Scupper blocks replaced where needed, Creosote float Wales in bad shape (split, rotten, etc.).

Float Pontoon. New coated 10"x20"x9' Polystyrene floatation billet + Location in Pontoon.

New 8'x8' Bullrail installed this end of float.

9" float extension added to this end to compensate for wider opening left when new piles installed in float.

ESTIMATE OF QUANTITIES			
ITEM NO.	ITEM	UNIT	QUAN.
110 (1)	MOBILIZATION & DEMOBILIZATION	L.S.	ALL REQD.
121 (1)	DBE INCENTIVE	C.S.	ALL REQD.
201 (1)	REMOVAL OF STRUCTURES AND OBSTRUCTIONS.	L.S.	ALL REQD.
301 (1)	16" Ø x 1/2" WALL STRUCTURAL STEEL PILES, FURNISHED	L.F.	270 713.7
301 (2)	16" Ø x 1/2" WALL STRUCTURAL STEEL PILES, DRIVEN.	EA.	6
301 (3)	PILE SOCKETS	EA.	2
302 (1)	PILE COLLARS	EA.	6
306 (1)	TREATED TIMBER	L.S.	ALL REQD.
C.D.No.2	Additional Repair Work		

TIDAL DATA

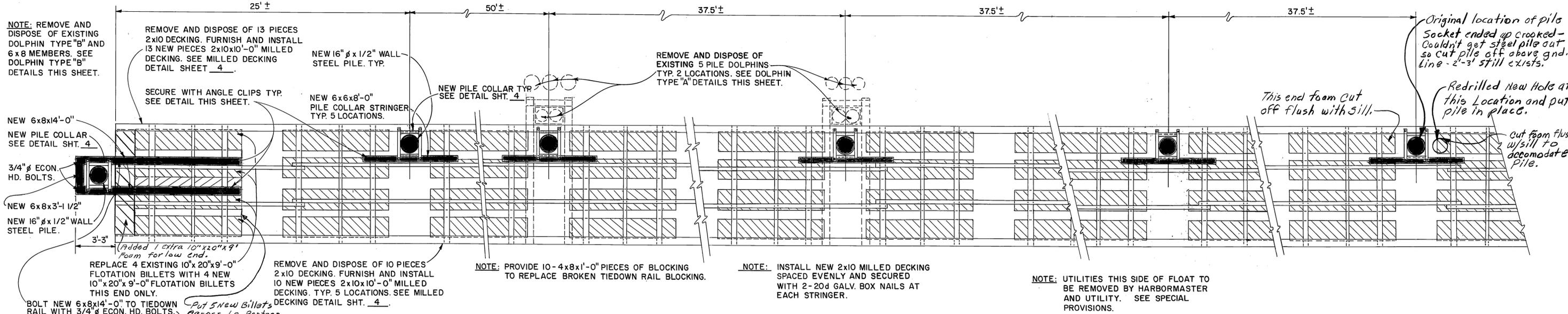
EHW	20.8'
EHT	19.4'
MHHW	15.4'
MLLW	0.0'
ELW	-5.0'

VERTICAL CONTROL
THE BASIS OF VERTICAL CONTROL SHALL BE THE EXISTING APPROACH DECK EL. +23.0'.

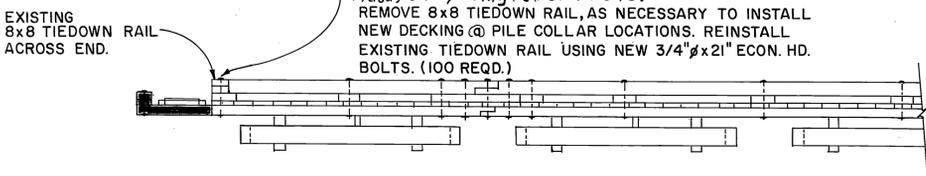
PILE INFORMATION
1. CUT-OFF ELEVATION = +30'
2. DESIGN PENETRATION = 25'
3. PILE SIZE = 16" Ø x 1/2" WALL
4. END TREATMENT = ALL PILES TO HAVE OPEN END CUTTING SHOES WELDED TO BOTTOM.

As Built
Mark Halvorsen
5/24/92

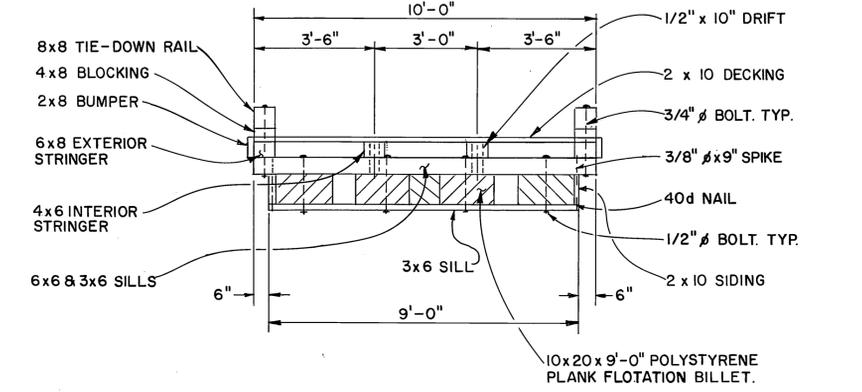
	DO NOT SCALE THIS DRAWING - USE DIMENSIONS						
	STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES						
	Ketchikan		Alaska				
PROJECT LAYOUT							
DESIGNED	J.D.B.	CHECKED	_____	DRAWN	W.A.	DATE	_____
PROJECT NUMBER	70162	SHEET	2	OF	4		



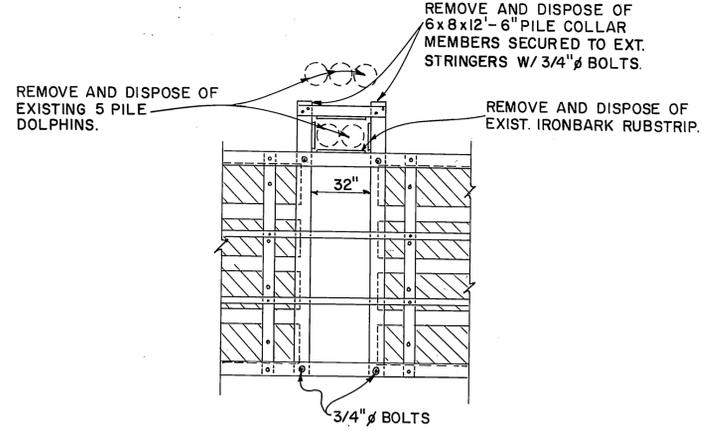
PLAN VIEW



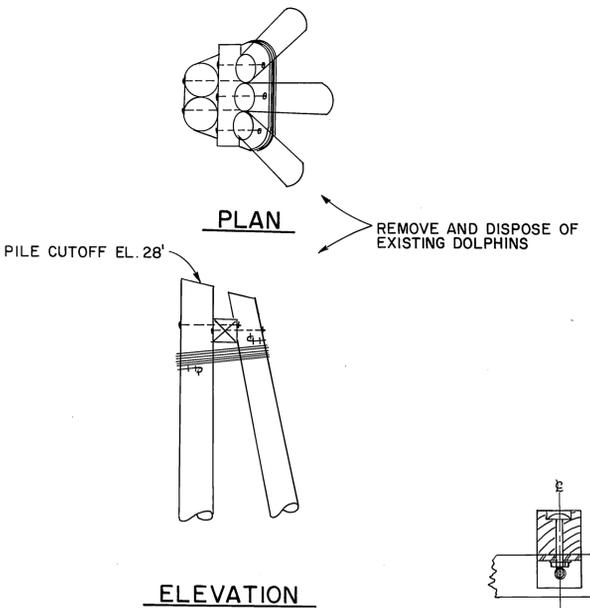
TYPICAL ELEVATION



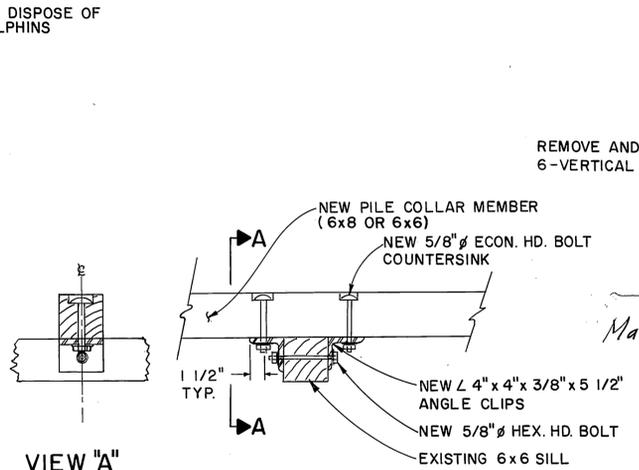
TYPICAL CROSS SECTION



EXIST. PILE COLLAR FRAMING DETAIL



EXISTING DOLPHIN TYPE "A" DETAILS

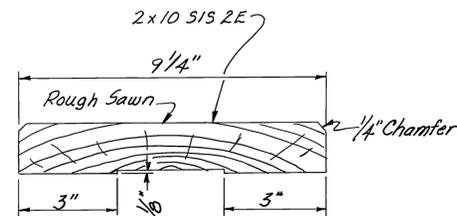


ANGLE CLIPS

As Built
Mark Halvorsen
5/26/92

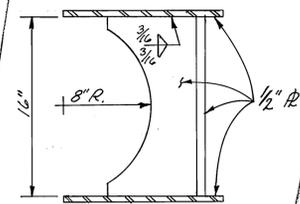
EXISTING DOLPHIN TYPE "B" DETAIL

	DO NOT SCALE THIS DRAWING - USE DIMENSIONS			
	STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES			
	CITY FLOAT: KETCHIKAN,		ALASKA	
FLOAT MODIFICATION DETAILS				
DESIGNED J.B.	CHECKED J.B.	DRAWN W.A.	DATE 2-4-91	
PROJECT NUMBER 70162	SHEET 3 OF 4			

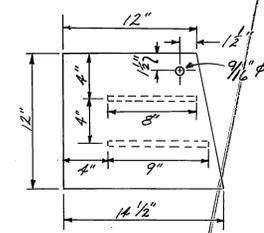


MILLED DECKING DETAIL

Note: Milled side shall be towards the inside of tree.

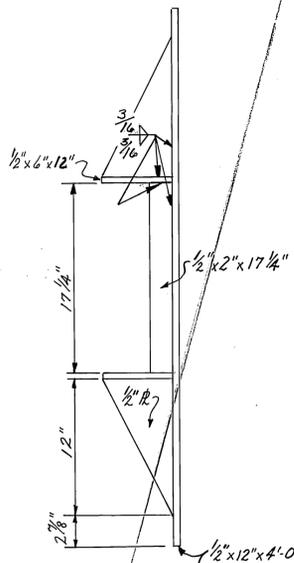


PLAN

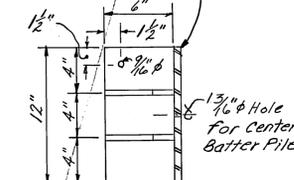


ELEVATION

KING PILE BRACKET



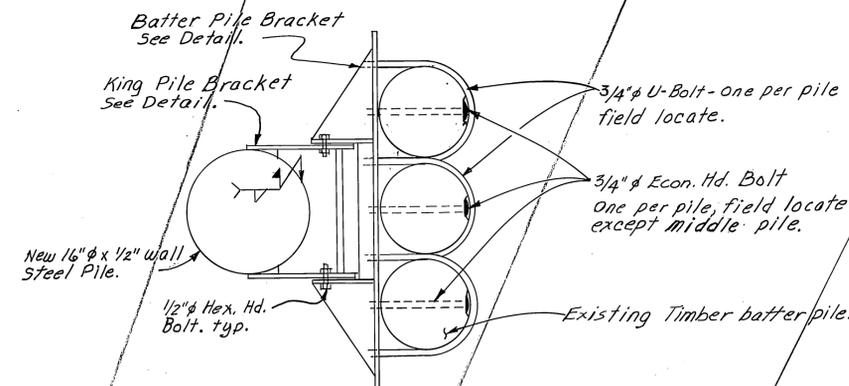
PLAN



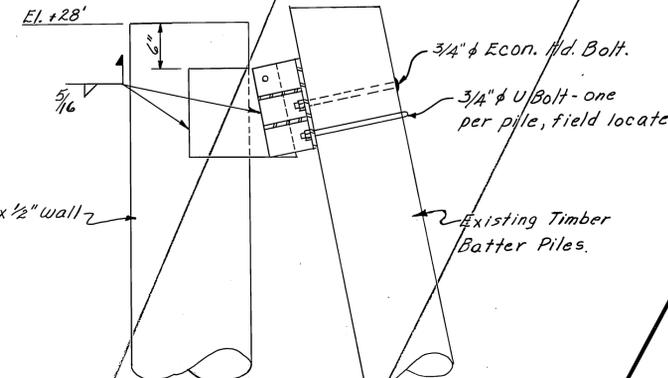
ELEVATION

BATTER PILE BRACKET

NOTE: THIS PORTION IS NOT APPLICABLE TO THIS PROJECT.

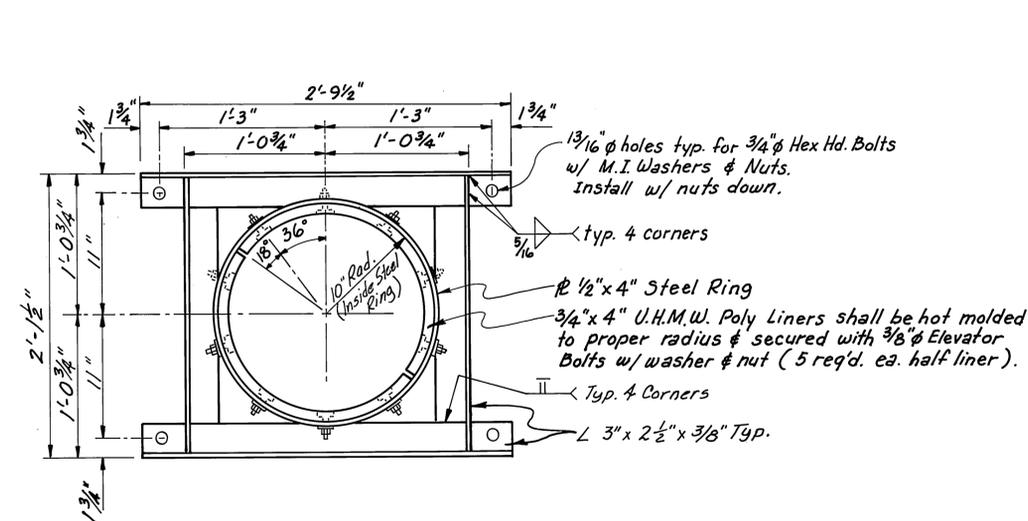


PLAN

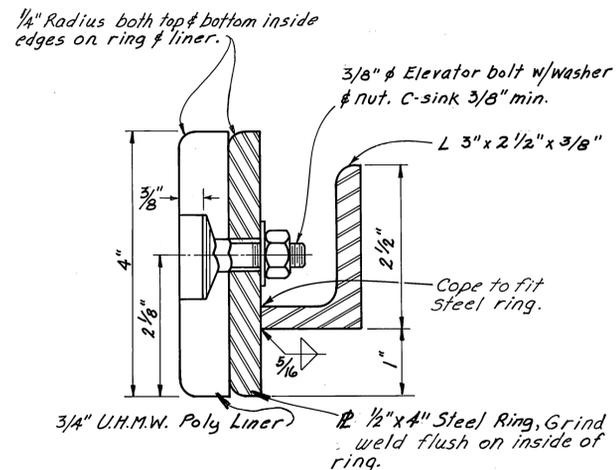


ELEVATION

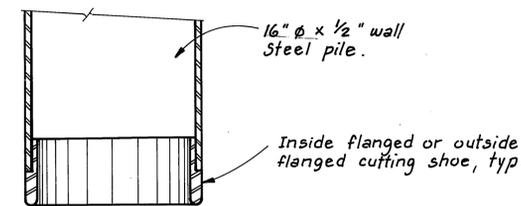
NEW DOLPHIN DETAILS



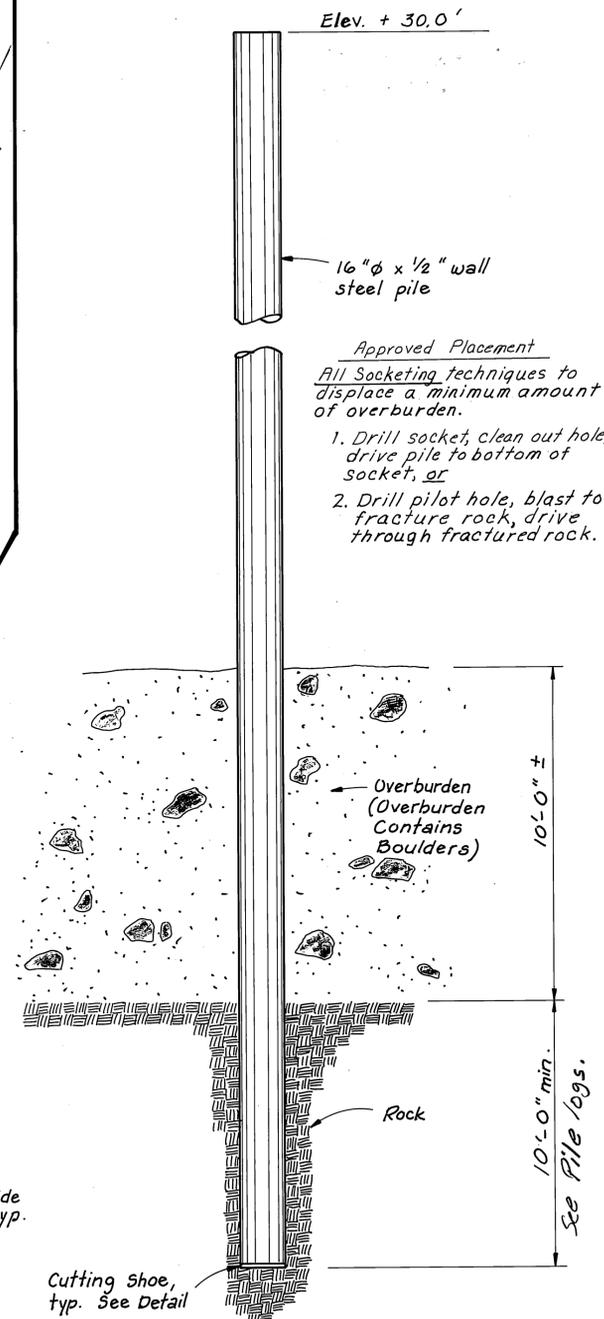
PILE COLLAR DETAILS



SECTION OF PILE AT CUTTING SHOE



SECTION OF PILE AT CUTTING SHOE



STEEL PILE SOCKET DETAIL

As Built
Mark Halvorsen
5/26/92

STAMP				DO NOT SCALE THIS DRAWING - USE DIMENSIONS			
				STATE OF ALASKA			
				DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES			
CITY FLOAT		KETCHIKAN,		ALASKA			
MISCELLANEOUS DETAILS							
DESIGNED J.D.B.	CHECKED	DRAWN W.A.	DATE				
PROJECT NUMBER 70162	SHEET 4		OF 4				