

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

*Ketchikan
Mountain Point
Boat Launch Ramp*

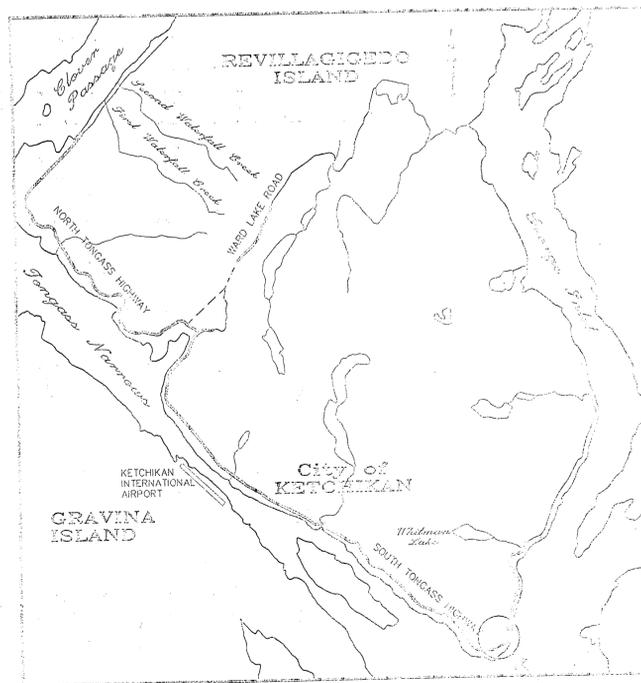
Project No. 71328

STATE OF ALASKA
DESIGN AND CONSTRUCTION DIVISION

NO.	DESCRIPTION
1	PLAN SHEETS
2	ELEVATIONS
3	CROSS SECTIONS & TYPICAL SECTIONS
4	CONCRETE WORK
5	LAUNCH RAMP DETAILS
6	LAUNCH RAMP FLOAT ASSEMBLY
7	CONCRETE RAMP FLOAT ASSEMBLY
8	CONCRETE CONCRETE PLAN

CITY OF
Ketchikan

ESTIMATE OF QUANTITIES			
ITEM	DESCRIPTION	UNIT	QUANTITY
110 (1)	Mobilization & Demobilization	L.S.	All Req'd.
112 (1)	Construction Surveying by the Contractor	L.S.	All Req'd.
202 (1)	Common Excavation	C.Y.	40
202 (2)	Rock Excavation	C.Y.	200
203 (1)	Borrow, Type "A"	C.Y.	120
203 (2)	Crushed Aggregate Base Course	C.Y.	30
204 (1)	Filter Fabric	S.Y.	245
205 (1)	Riprap, Class I	C.Y.	105
205 (2)	Riprap, Class II	C.Y.	50
310 (1)	Launch Ramp Float Installation (owner furnished)	L.S.	All Req'd.
312 (1)	Construct Launch Ramp	L.S.	All Req'd.
312 (2)	Construct Concrete Apron	L.S.	All Req'd.



VICINITY MAP

PROJECT NUMBER

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

APPROVED: *[Signature]* Date: *9/24/63*
Regional Transportation Engineer

APPROVED: *[Signature]* Date: *9/24/63*
Division Chief, Design & Construction

PROJECT NUMBER: **71328**

DATE: **SEPTEMBER 1963**

SHEET **1** OF **8**

BASIS OF CONTROL

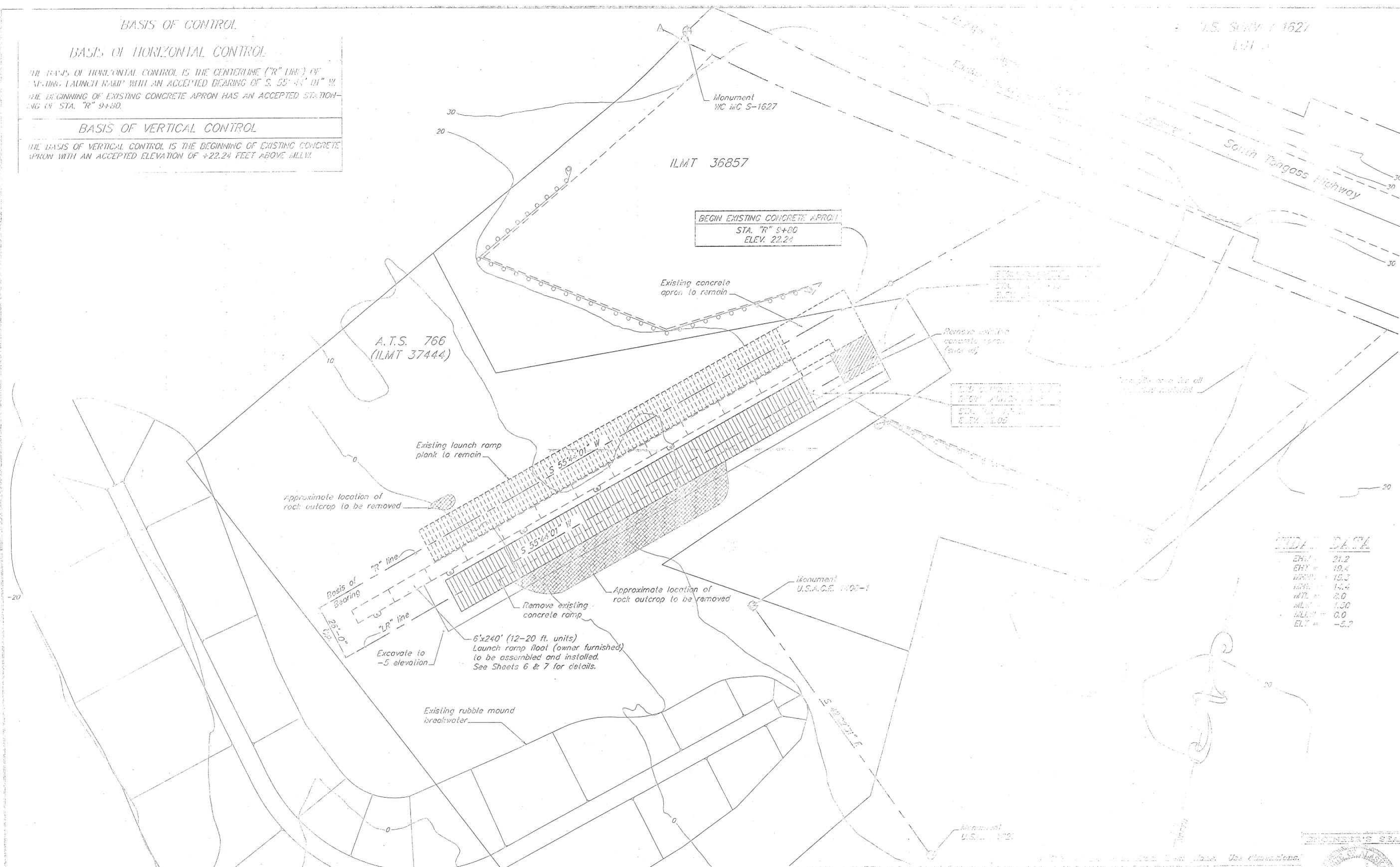
BASIS OF HORIZONTAL CONTROL

THE BASIS OF HORIZONTAL CONTROL IS THE CENTERLINE ("R" LINE) OF EXISTING LAUNCH RAMP WITH AN ACCEPTED BEARING OF S. 55° 14' 01" W. THE BEGINNING OF EXISTING CONCRETE APRON HAS AN ACCEPTED STATIONING OF STA. "R" 9+80.

BASIS OF VERTICAL CONTROL

THE BASIS OF VERTICAL CONTROL IS THE BEGINNING OF EXISTING CONCRETE APRON WITH AN ACCEPTED ELEVATION OF +22.24 FEET ABOVE MLLW.

U.S. SURVEY 1627
L.S. 1



EXISTING CONCRETE APRON
STA. "R" 9+80
ELEV. 22.24

BEGIN EXISTING CONCRETE APRON
STA. "R" 9+80
ELEV. 22.24

EXISTING CONCRETE RAMP
STA. "R" 9+80
ELEV. 22.00

TIDE DATA

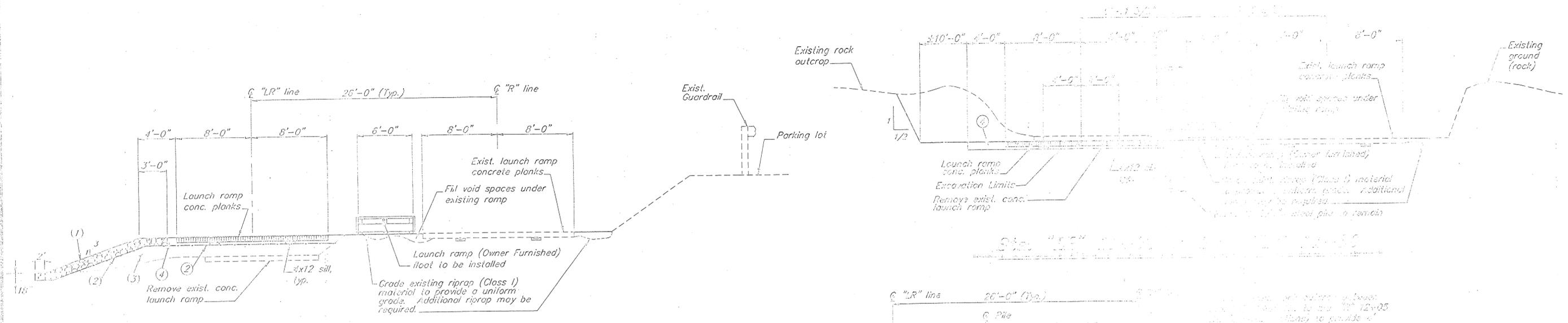
EHW	21.2
EHT	19.4
MHW	15.3
MWL	14.4
M.T.L.	8.0
MLLW	0.0
ELT	-5.2

RECORD OF REVISIONS		
NO.	DATE	DESCRIPTION OF CHANGE

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

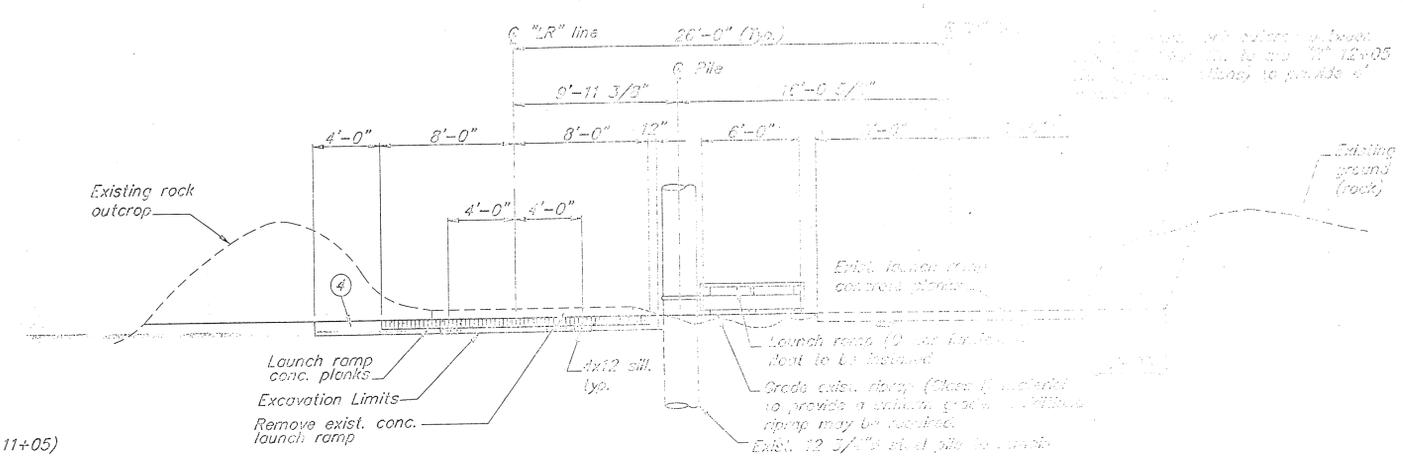
KETCHIKAN
MOUNTAIN POINT BOAT LAUNCH RAMP #1
Layout
DATE: 12-15-1999
DRAWN BY: [Signature]
CHECKED BY: [Signature]
SCALE: 2 in = 100 ft





Sta. "LR" 10+18 to Sta. "LR" 11+00

NOTE: SEE SHEET 4 FOR TYPICAL SECTION BETWEEN STA. "LR" 9+80 TO STA. "LR" 10+18

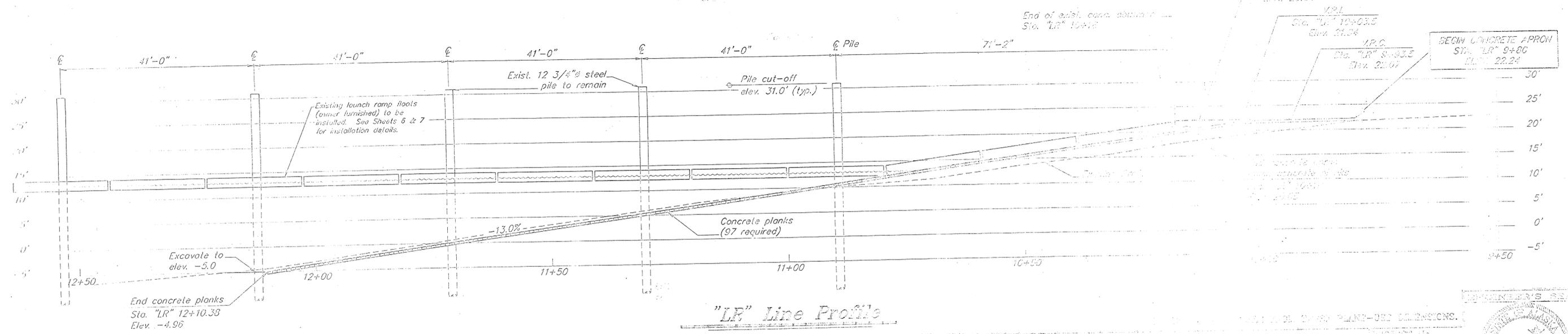


Sta. "LR" 11+00 to Sta. "LR" 12+00

LEGEND:

- ① 18" thick Riprap, Class II
- ② Filter Fabric (Sta. "LR" 10+18 to Sta. "LR" 11+05)
- ③ Borrow, Type "A"
- ④ 11 1/2" thick Riprap, Class I (screen material as required to provide 3 1/2" minimum thickness under ramp planks.)

NOTE: Material to be excavated for the launch ramp planks is composed of rock, boulders, cobbles, sand and gravel. The quantities for rock excavation, item No. 202 (2), assumes all excavation for the launch ramp is rock. Apron area is considered common excavation.



"LR" Line Profile

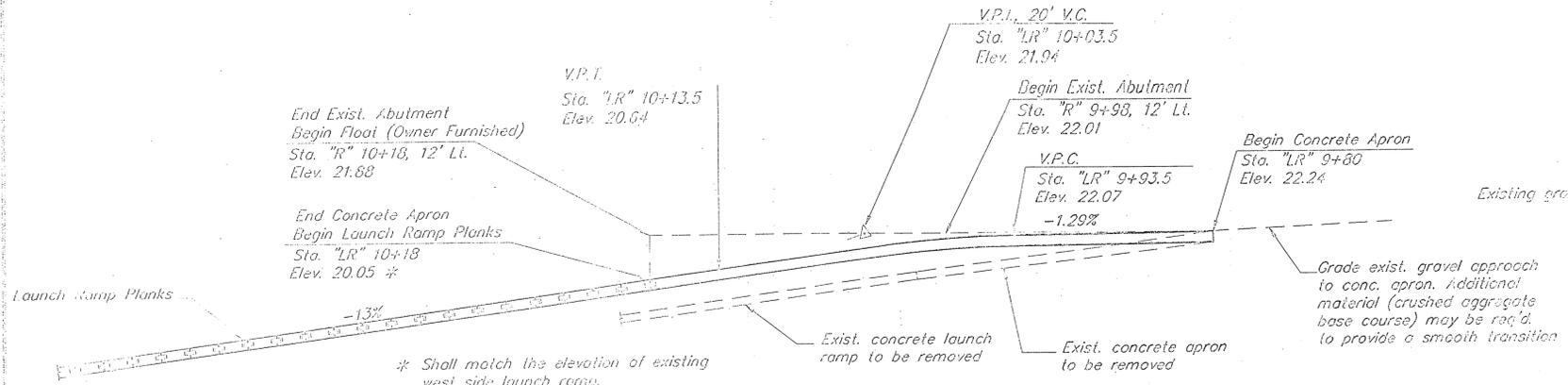
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 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
 SOUTHEAST REGION DESIGN & CONSTRUCTION

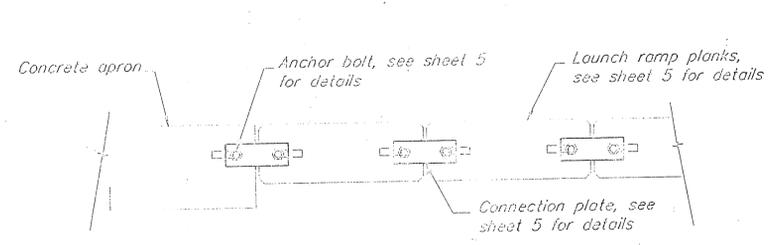
KETCHIKAN
 MOUNTAIN POINT BOAT LAUNCH RAMP #2
 Ramp Profile & Typical Sections

DESIGNER'S SEAL	
PROJECT NO.	DATE
7-830	SEPTEMBER, 1988

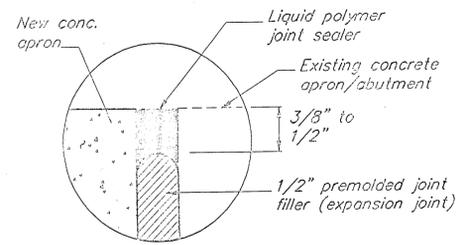




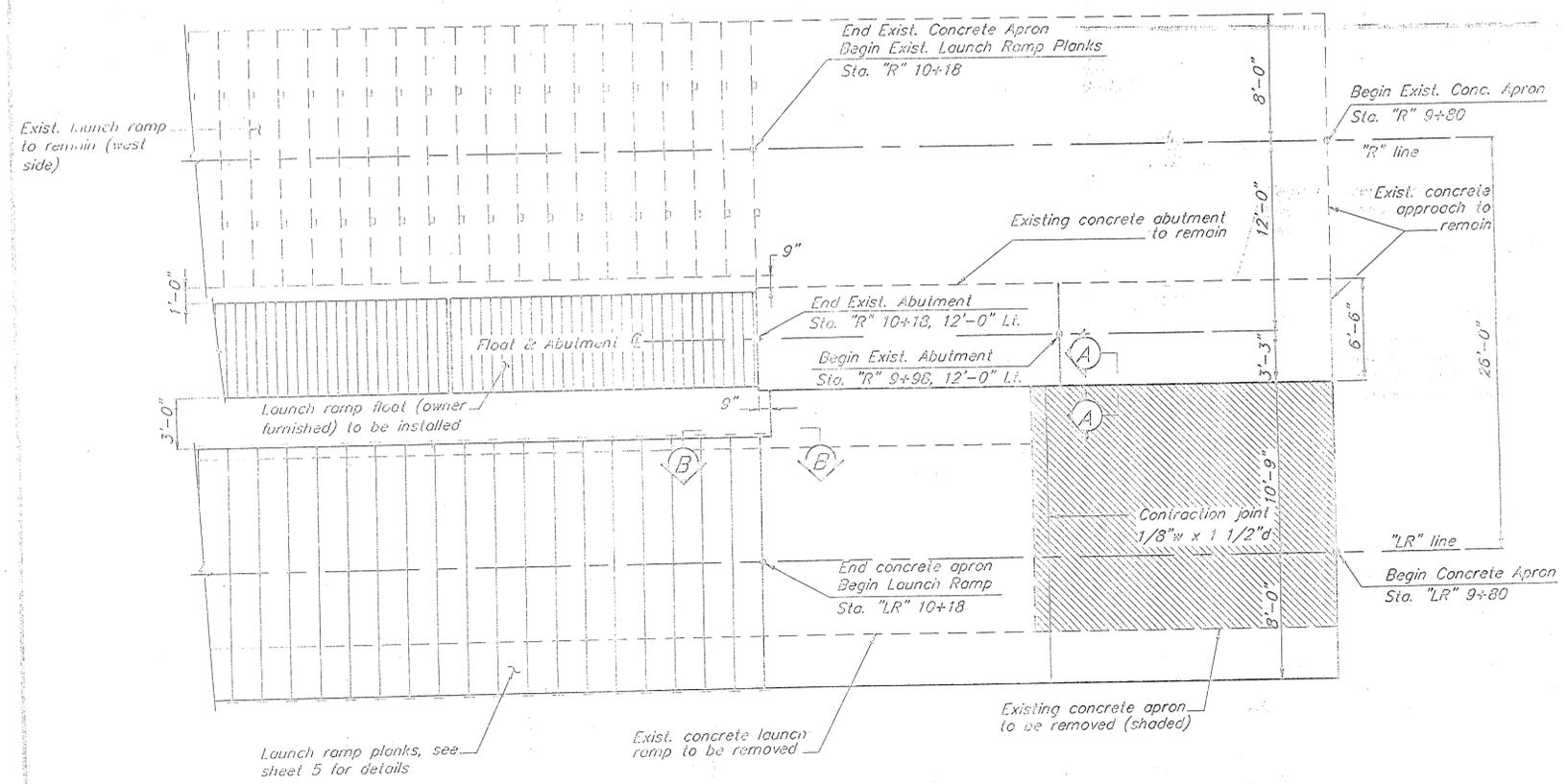
Profile - Apron to New Launch Ramp



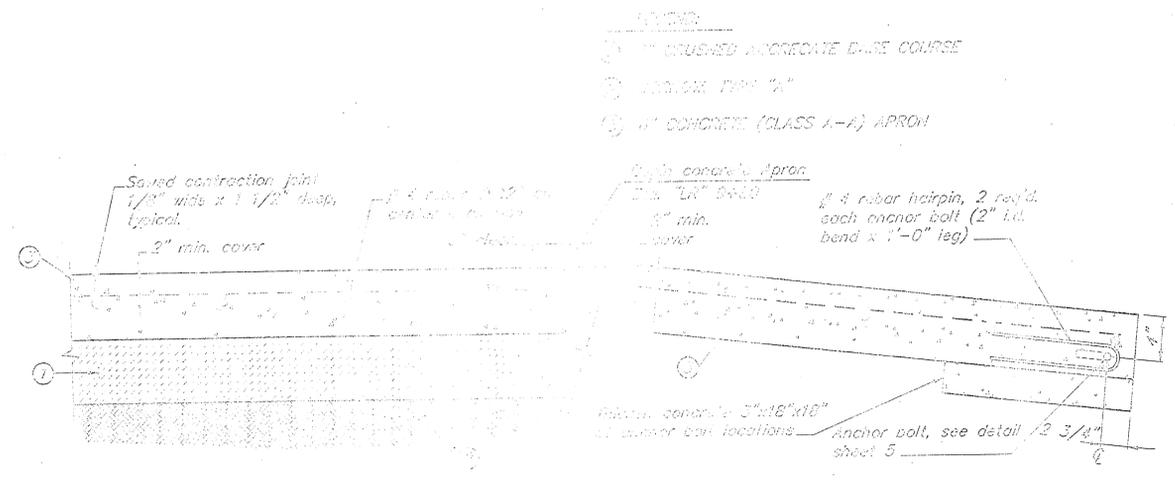
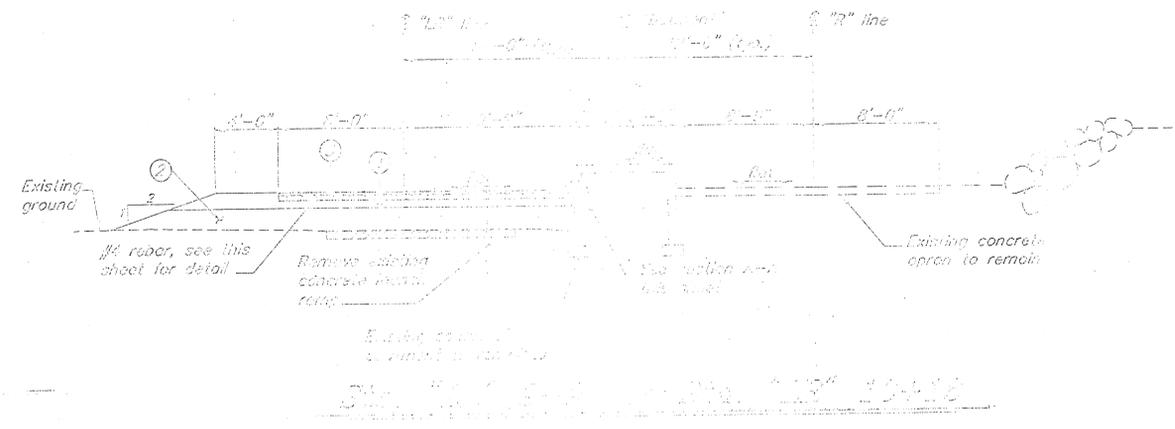
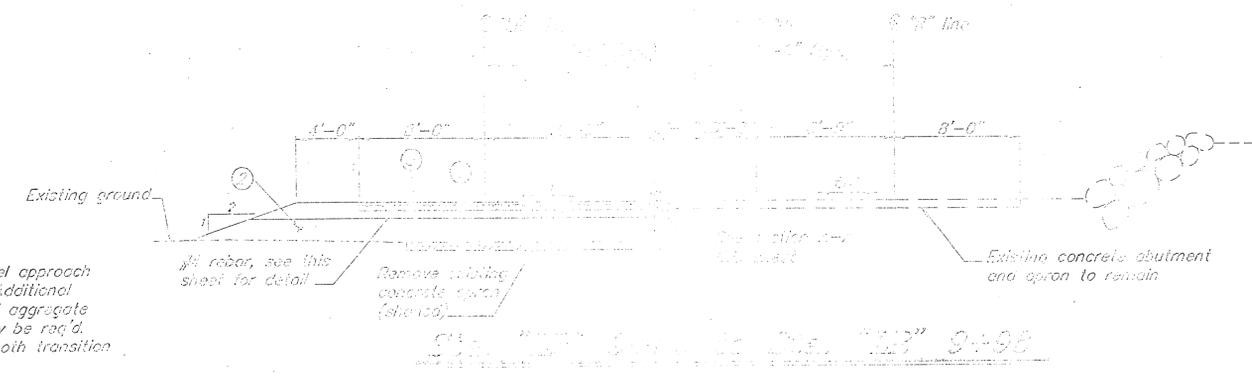
Section B-B



Section A-A



Plan - Concrete Apron



Typical Section Through Apron - Anchor Bolt in Apron Slab

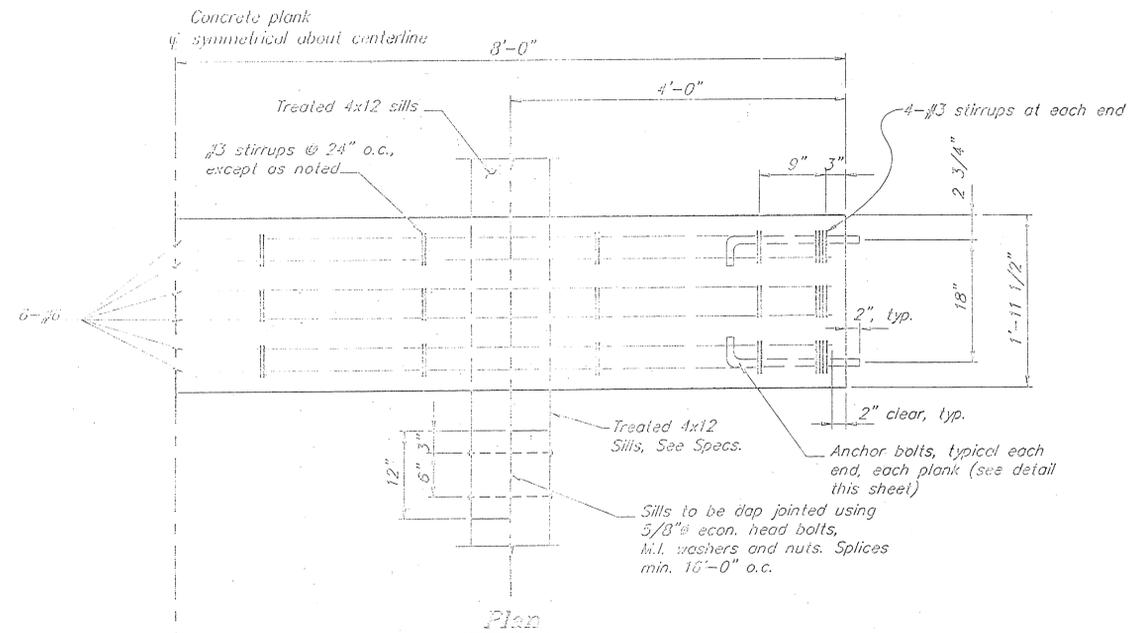
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SOUTHEAST REGION DESIGN & CONSTRUCTION

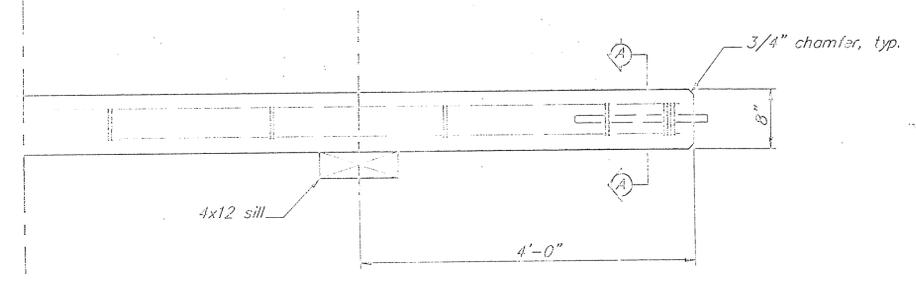
KETCHIKAN
MOUNTAIN POINT BOAT LAUNCH RAMP #2
Concrete Apron

DESIGNED BY: [Name]
CHECKED BY: [Name]
DATE: [Date]
SCALE: [Scale]

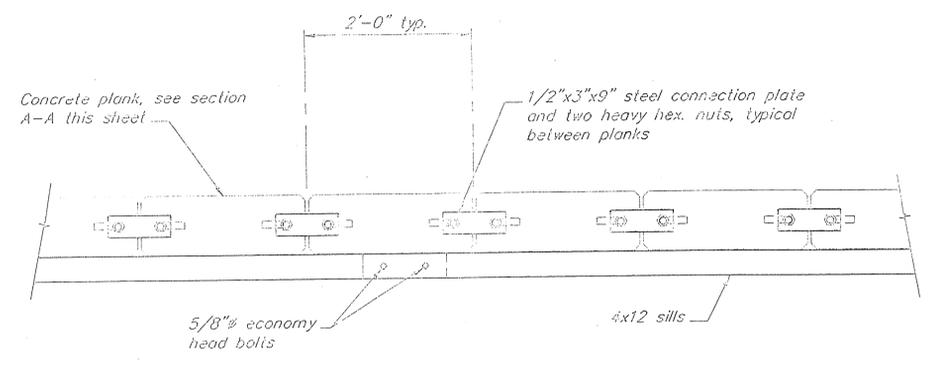




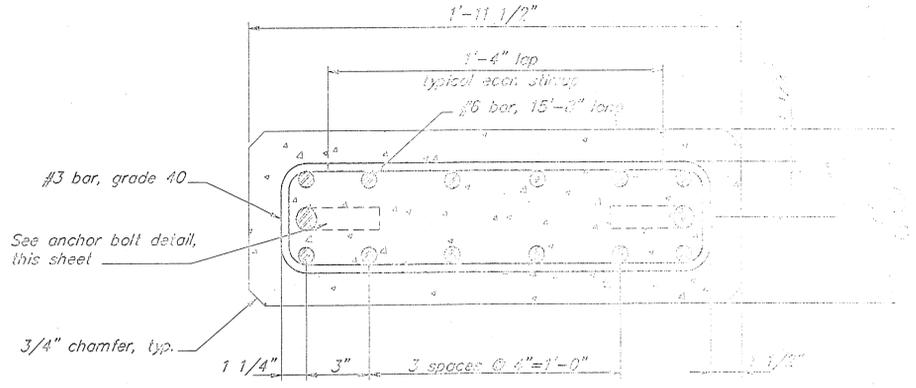
Plan



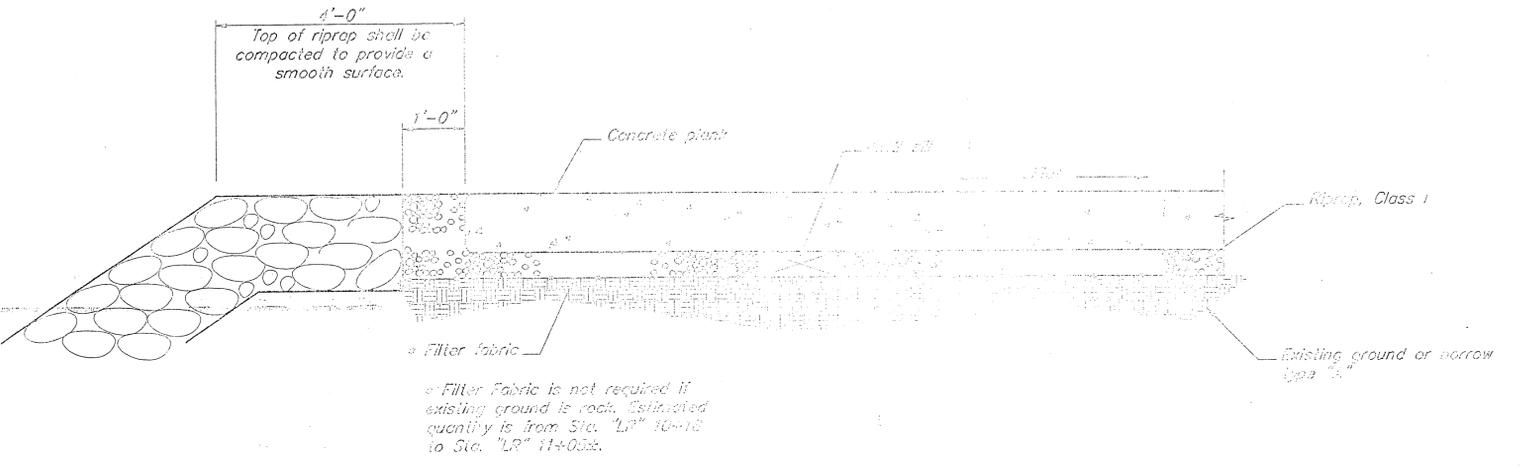
Elevation



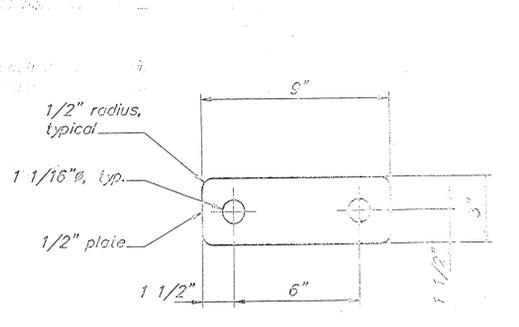
Typical Plank Assembly



Section I-I



Cross Section Detail



Connection Plate Detail

Filter fabric to be placed under or over the sills (as shown) depending on ground conditions. Place the filter fabric over the sills and under the sills. Allow for adjustments of the sills and filter fabric.

Quantity of filter fabric to be placed under or over the sills (as shown) depending on ground conditions. Place the filter fabric over the sills and under the sills. Allow for adjustments of the sills and filter fabric.

Quantity of filter fabric to be placed under or over the sills (as shown) depending on ground conditions. Place the filter fabric over the sills and under the sills. Allow for adjustments of the sills and filter fabric.

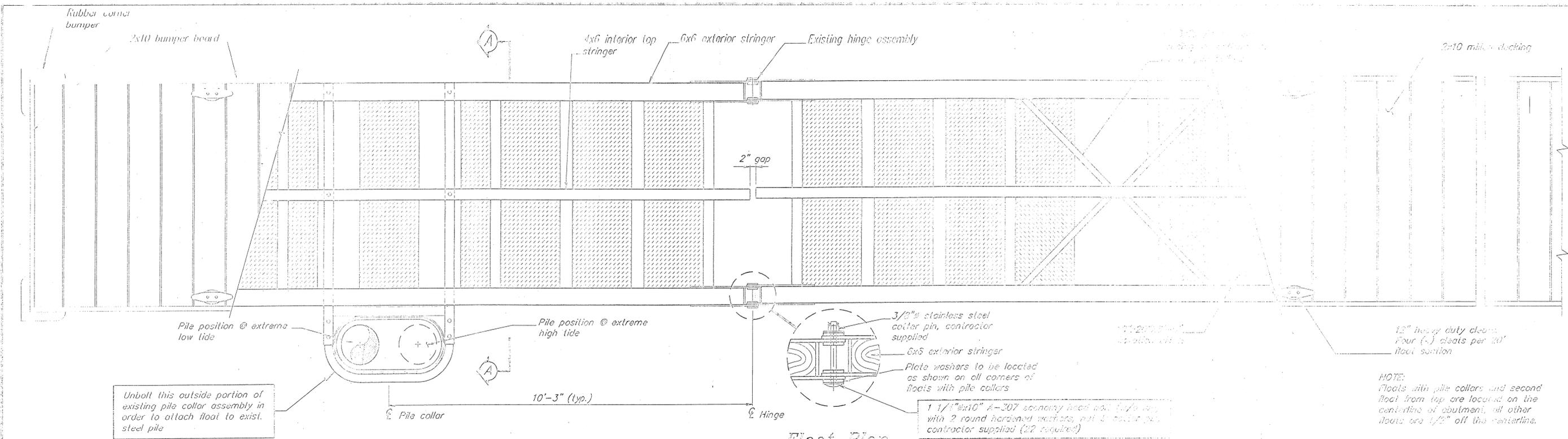
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AND PUBLIC FACILITIES
SOUTHEAST REGION DESIGN & CONSTRUCTION

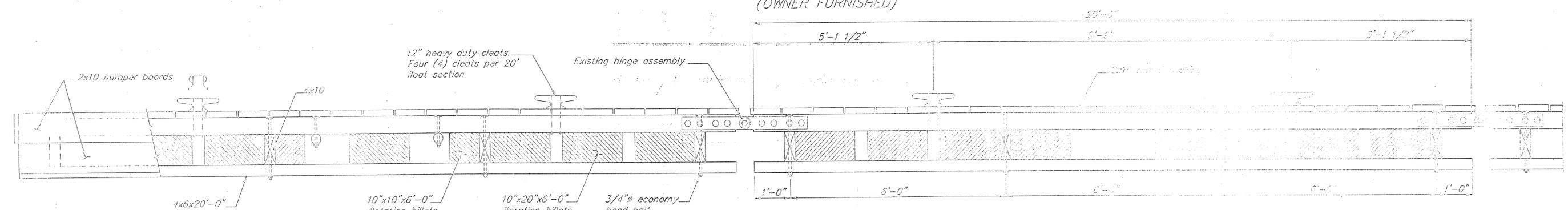
KETCHIKAN
MOUNTAIN POINT BOAT LAUNCH RAMP #2
Launch Ramp Details

PROJECT NO.	21522
DATE	SEPTEMBER, 1965
SHEET	5 OF 6

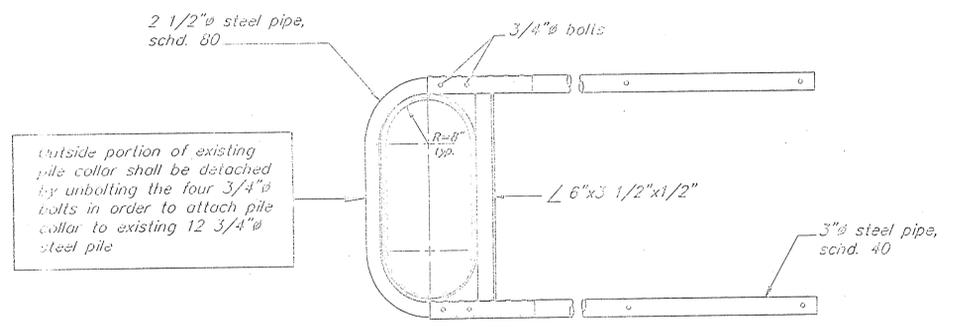




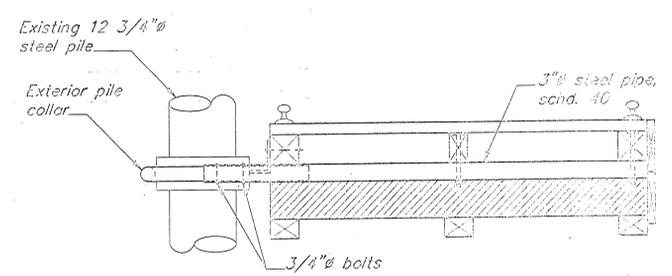
Float Plan
(OWNER FURNISHED)



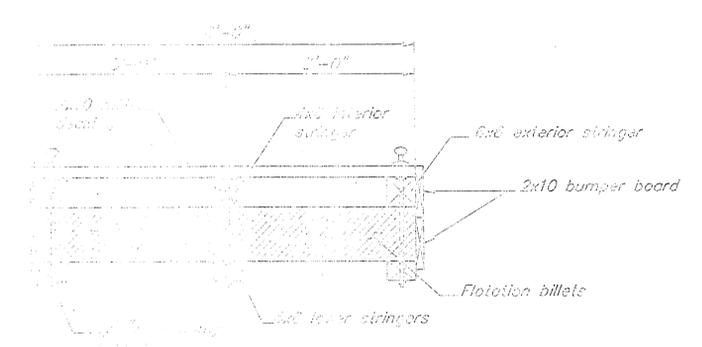
Float Elevation
(OWNER FURNISHED)



Existing Exterior Pile Collar Detail
(5 LOCATIONS)



Section A-A
(OWNER FURNISHED)



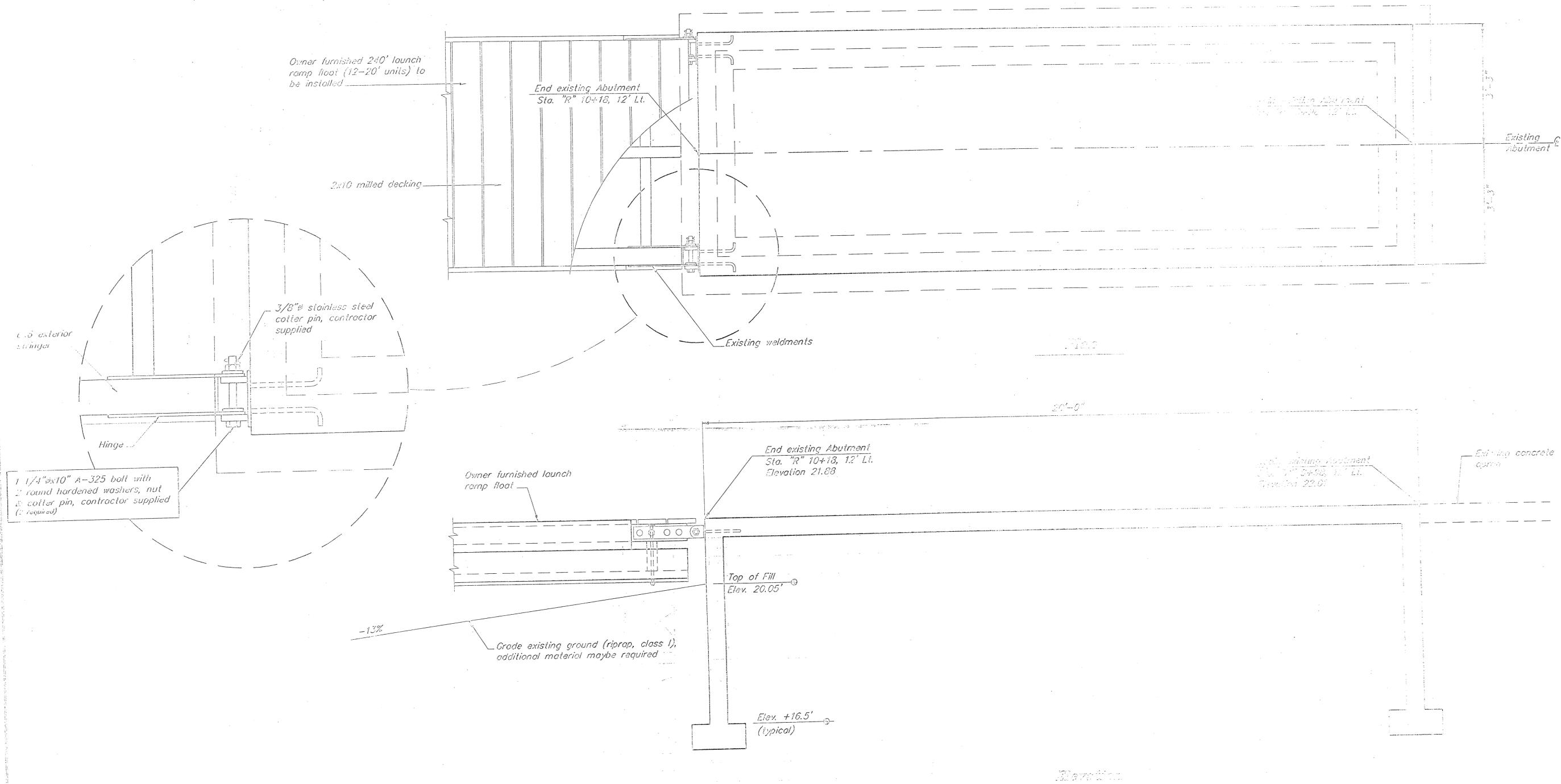
Cross Section
(OWNER FURNISHED)

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STATE OF ALASKA
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SOUTHEAST REGION DESIGN & CONSTRUCTION

METCHIKAN
MOUNTAIN POINT BOAT SAUCE TRAIL #2
Launch Ramp Float Assembly
(Owner Furnished)

PROJ. NO. 100-100000-1000
DRAWING NO. 100-100000-1000-1000
DATE 6-13-12
SCALE AS SHOWN
DESIGNED BY [Signature]
CHECKED BY [Signature]
APPROVED BY [Signature]
1965
U.S. DEPARTMENT OF COMMERCE
BUREAU OF MARINE ENGINEERING



Existing Concrete Abutment
and Launch Ramp Float Assembly

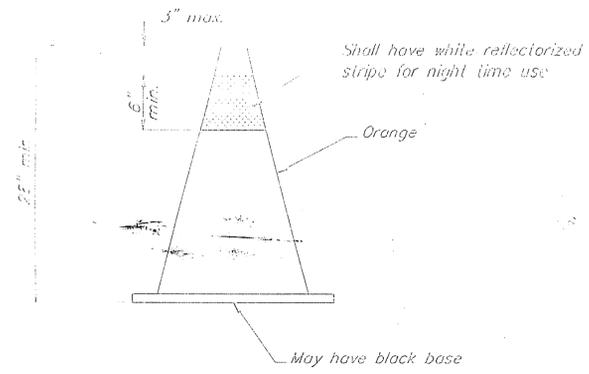
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AND PUBLIC FACILITIES
SOUTHEAST REGION DESIGN & CONSTRUCTION

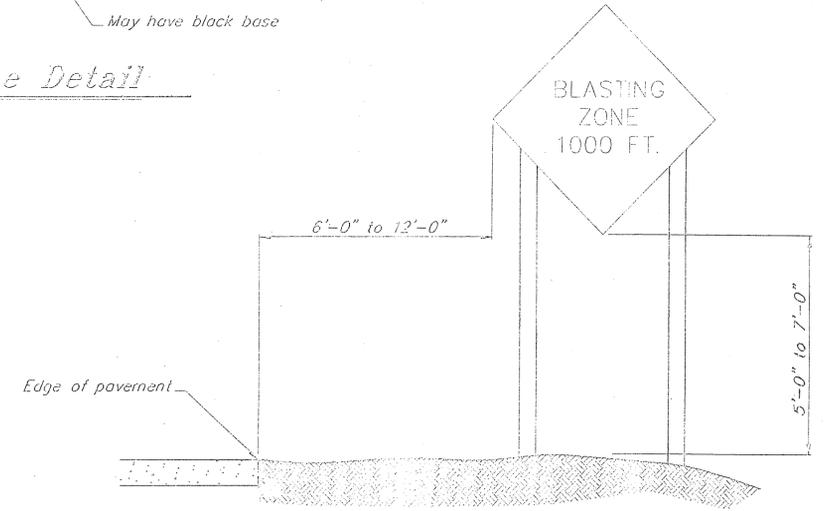
KBYCHIKAN
MOUNTAIN POINT BOAT LAUNCH BRIDGE #2
Launch Ramp Float Assembly
(Owner Furnished)

PROJECT NO. 71550
DATE: SEPTEMBER, 1968
SHEET 7 OF 8

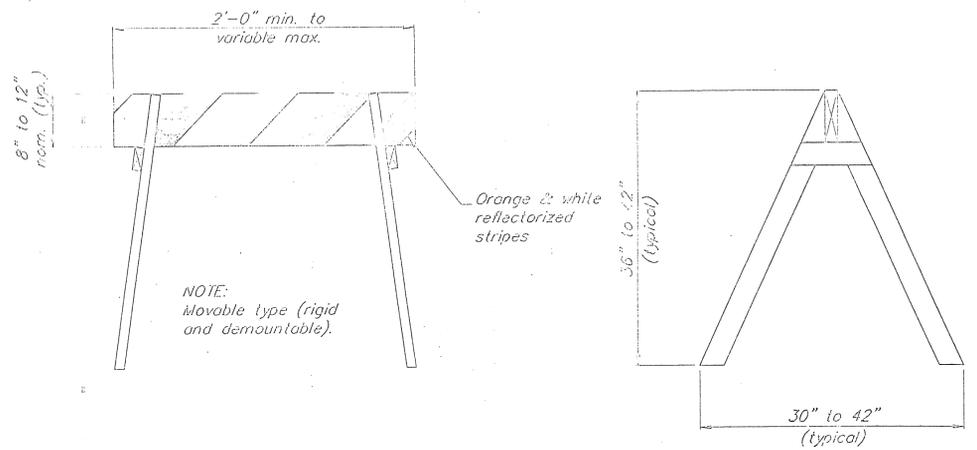




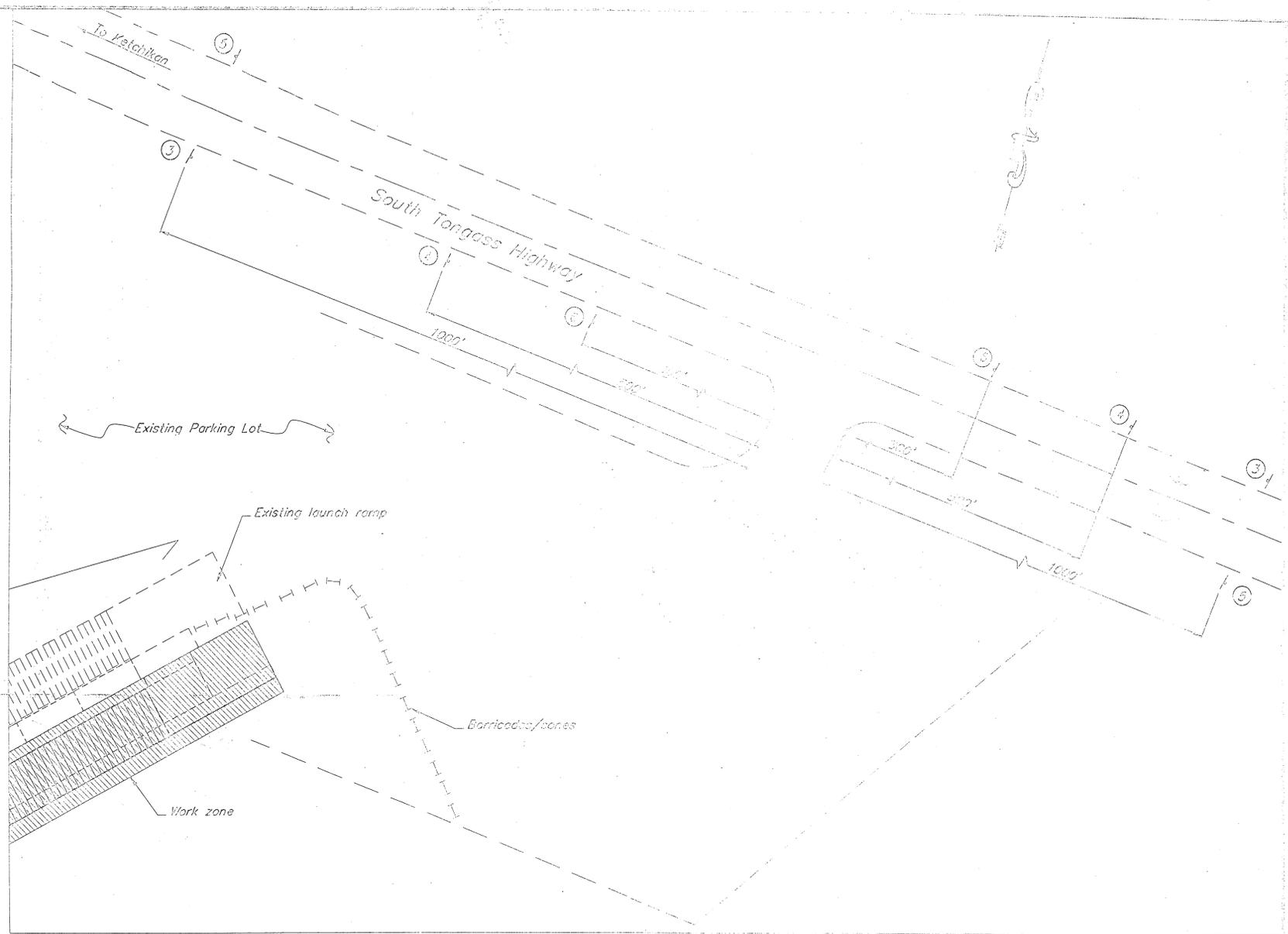
Cone Detail



Typical Sign Location Detail



Barricade Detail



SIGN DESIGN SPECIFICATION			
No.	SIZE	* DESIGNATION	LEGEND
3	48"x48"	CW2-1	"BLASTING ZONE 1000 FEET"
4	42"x36"	CW22-2	"TURN OFF 2-WAY ROAD"
5	42"x36"	CW22-3	"END BLASTING ZONE"
6	35"x36"	CWB-6	"TRUCK CROSSING"

* From Alaska Sign Design Specification (ASDS)

TRAFFIC CONTROL PLAN

1. Existing launch ramp (over sign) and parking area shall remain open and accessible until further notice or as approved by the Engineer.
2. Signs shall be covered or removed when the indicated application of the sign no longer applies.
3. Notice of work and traffic control shall be published in the local newspaper and broadcast on all radio stations that provide total coverage. Such notice shall be filed for a period of at least two (2) days immediately preceding the start of work when the foregoing traffic restrictions are put into effect.

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SOUTHEAST REGION DESIGN & CONSTRUCTION

KEPCHIKAN
MOUNTAIN POINT BOAT LAUNCH S&C #8
Traffic Control Plan

DESIGNER'S SEAL	

