

**STATE OF ALASKA  
DEPARTMENT OF PUBLIC WORKS  
DIVISION OF HIGHWAYS**

**PROPOSED HIGHWAY PROJECT  
NO. F-095-2(1)  
SOUTHEAST ALASKA FERRY SYSTEM  
TERMINAL FACILITY AT  
KETCHIKAN, ALASKA  
*AS BUILT***

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	F-095-2(1)	1962	1	13

TYPE OF IMPROVEMENT YO21

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	MASTER PLAN
3	TYPICAL SECTIONS & ESTIMATE OF QUANTITIES
4	HOLDING AREA-GENERAL PLAN
5	STRIPING & LIGHTING PLAN
6	CONSTRUCTION DETAILS
7-8	WAITING ROOM BUILDING DETAILS
9-11	CROSS SECTIONS
S-6	STANDARD PROJECT IDENTIFICATION SIGN
S-8	STANDARD BEAM GUARDRAIL

DESIGN DESIGNATION

ADT(1962)	=	32
ADT(1982)	=	53
DHV	=	
D	=	
T	=	11%
V	=	

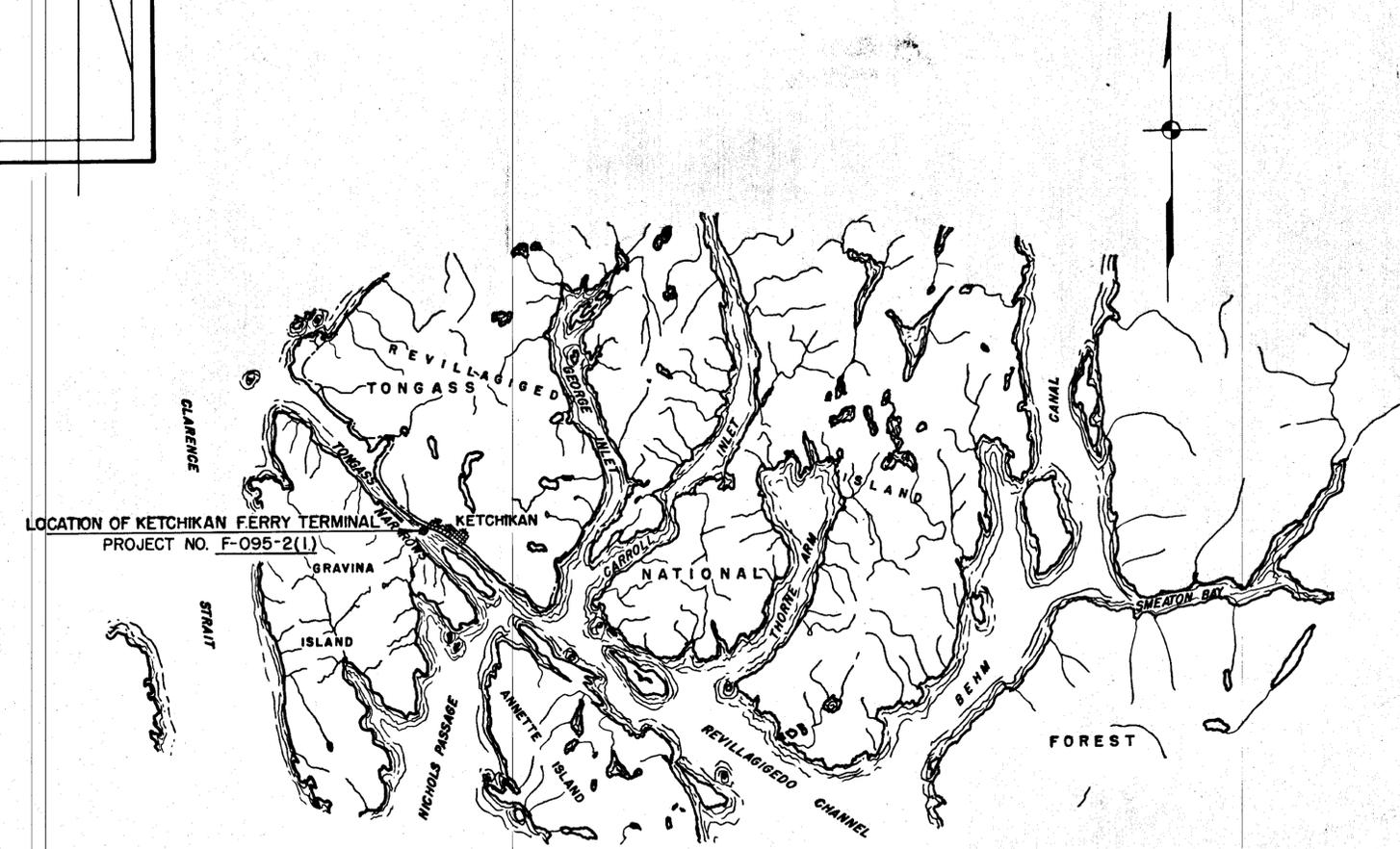
PROJECT SUMMARY

LENGTH OF GRADING	657.88' = 0.124 mi
LENGTH OF EXCEPTION	0' = 0 mi
LENGTH OF PROJECT	657.88' = 0.124 mi

*No Change in Length*

CONVENTIONAL SIGNS

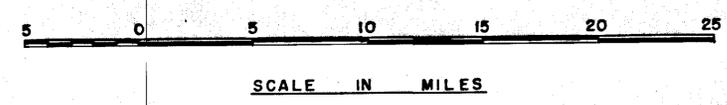
PROPOSED CONSTRUCTION CENTERLINE	
PROPERTY LINE	
RIGHT OF WAY LINE	
POWER LINE	
TELEPHONE OR TELEGRAPH LINE	
LIGHT POLE	
WATER LINE	
CATCH BASIN	
MANHOLE	
CULVERT PROPOSED	
CULVERT EXISTING	
TRAVELED WAY	
SEWER LINE	



PLANS & SPECIFICATIONS BY:

**TONER AND NORDLING**  
REGISTERED ENGINEERS  
JUNEAU ALASKA

**STATE OF ALASKA**  
49TH ANNUAL REGISTERED PROFESSIONAL ENGINEER  
NO. 777-E



Contractor: *Almquist Construction Co. Ketchikan*  
 Project Engineer: *Leo R. Verrochi*  
 Date of Beginning: *Aug. 27, 1962*  
 Date of Completion: *May 27, 1963*  
*'As Built' Changes entered Dec. 18, 1963*  
*Changes backchecked*

STATE OF ALASKA  
DEPT. OF PUBLIC WORKS  
DIVISION OF MARINE TRANSPORTATION

APPROVED: *R. B. Lawrence* Date: *6/6/62*

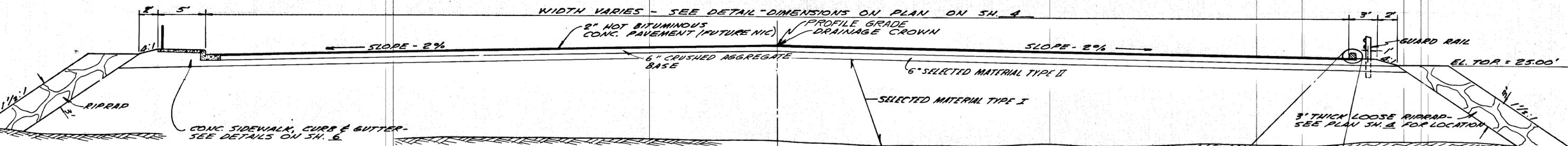
STATE OF ALASKA  
DEPARTMENT OF HIGHWAYS

APPROVED: *Nowak* Date: *6/6/62*  
COMMISSIONER OF HIGHWAYS

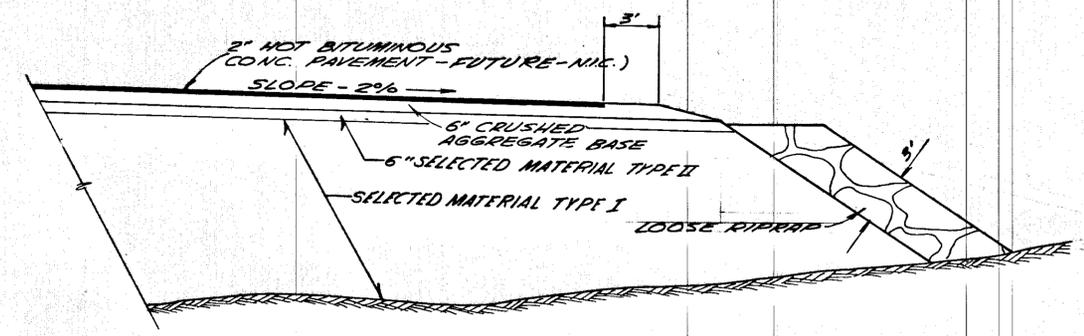
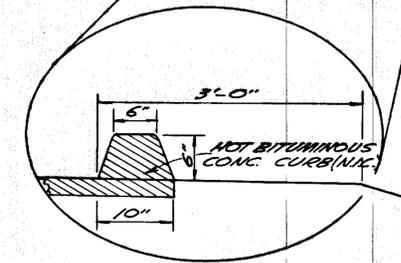
APPROVED

REGIONAL ENGINEER BUREAU OF PUBLIC ROADS REGION TEN	Date: _____
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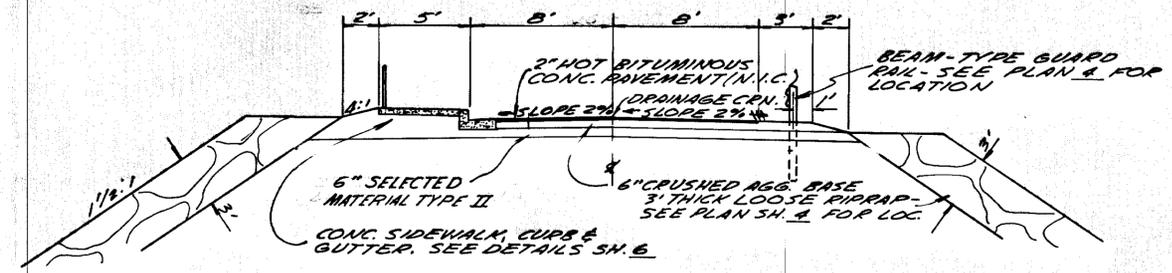




TYPICAL SECTION OF IMPROVEMENTS  
SCALE: 1" = 5'



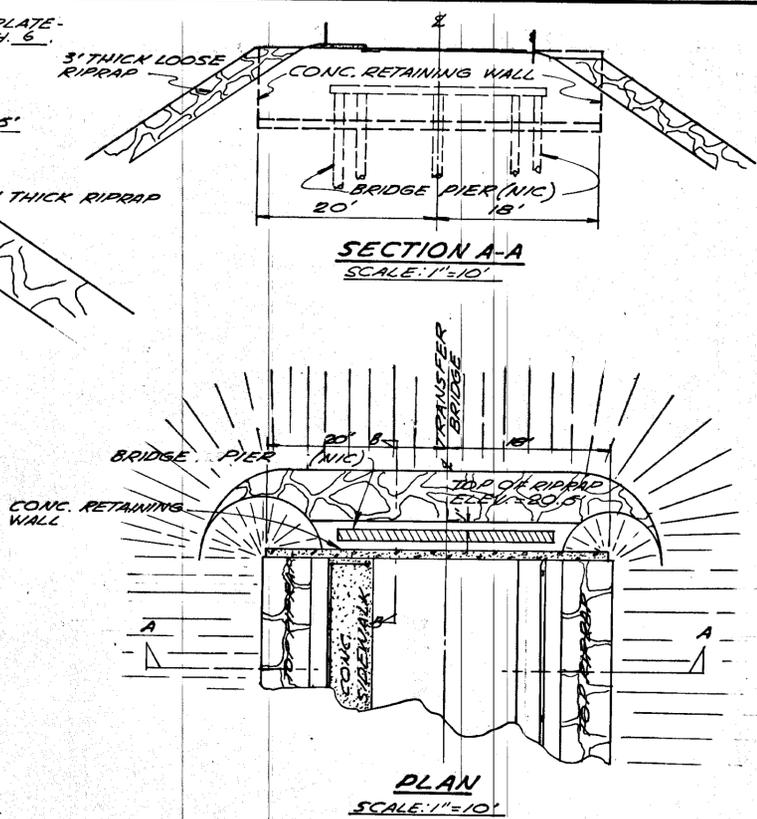
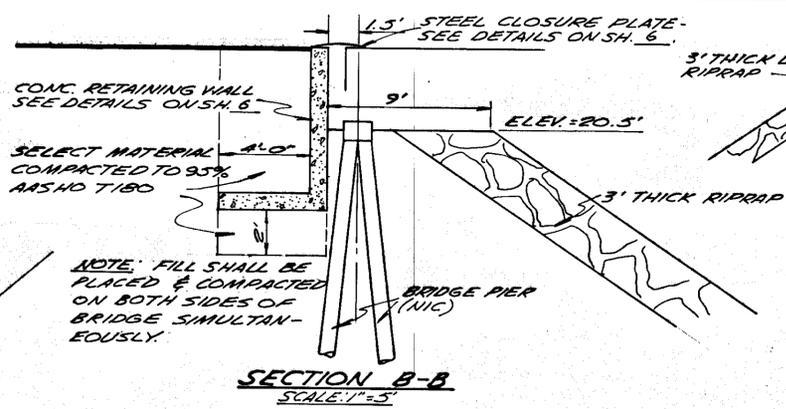
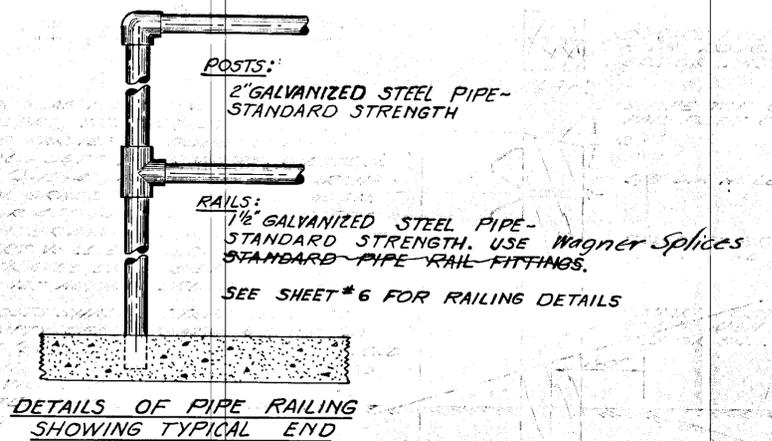
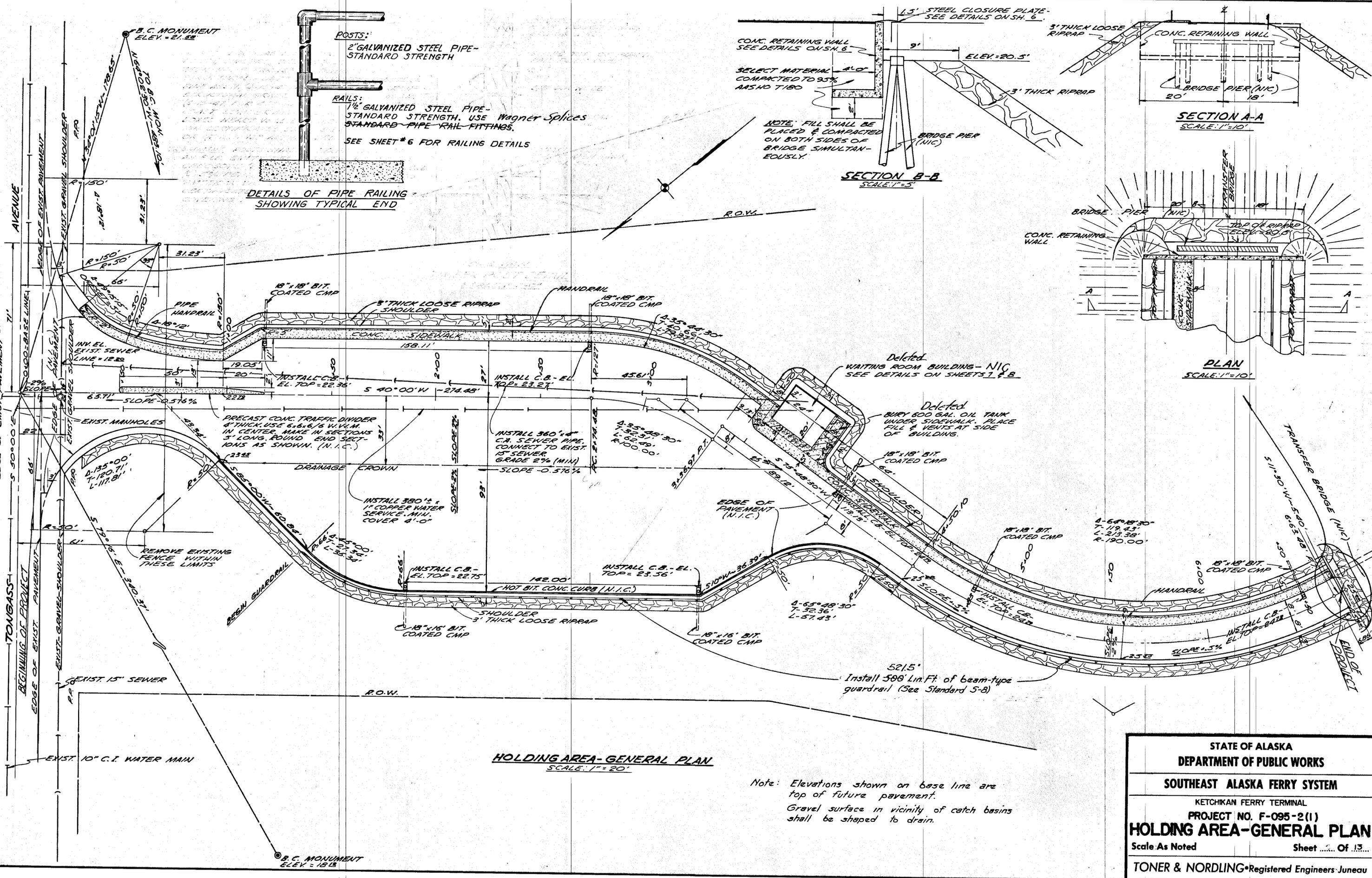
TYPICAL SHOULDER WITHOUT SIDEWALK OR CURB  
SCALE: 1" = 5'



TYPICAL SECTION  
TRANSFER BRIDGE APPROACH RD.  
SCALE: 1" = 5'

ESTIMATE OF QUANTITIES				As Built Quantity
ITEM NO.	QUANTITY	UNIT	ITEM	
100(3)	ALL REQ'D	LUMP SUM	CLEARING & GRUBBING	
102(6)	33,348	C.Y.	SELECTED MATERIAL TYPE I BORROW, CASE 2	
102(6A)	916	C.Y.	SELECTED MATERIAL TYPE II BORROW, CASE 2	
200(4)	1,458	TRUCKS C.Y.	CRUSHED AGGREGATE BASE, GRADING D-1	
406(1)	18.30	C.Y.	CLASS "A" CONCRETE	
420(7)	ALL REQ'D	LUMP SUM	STRUCTURAL STEEL CLOSURE PLATE & SLIDE PLATE, FURNISHED, FABRICATED & ERECTED	
453(2E)	140	L.F.	18" BITUMINOUS COATED CORRUGATED METAL PIPE, 16 GA.	122
510(1)	3,741	C.Y.	LOOSE RIPRAP	
521(3)	7	EACH	CATCH BASINS	
521(5)	7	PAIRS	METAL FRAMES & GRATINGS	
524(3)	670	L.F.	CONCRETE CURB & GUTTER	667
530(1)	360.6	S.Y.	CONCRETE SIDEWALK	345.1
583(1)	500	L.F.	BEAM-TYPE GUARD RAIL	521.5
601	680	L.F.	PIPE HANDRAIL	628.1
602	ALL REQ'D	LUMP SUM	WALKING ROOM BUILDING NIC	
603(1)	ALL REQ'D	LUMP SUM	ELECTRICAL SERVICE, HOLDING AREA & APPROACH WIRING & LIGHT.	
603(2)	ALL REQ'D	LUMP SUM	TRANSFER BRIDGE & DOCK POWER SERVICE & LIGHTING	

STATE OF ALASKA  
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SOUTHEAST ALASKA FERRY SYSTEM  
KETCHIKAN FERRY TERMINAL  
PROJECT NO. F-095-2(1)  
**TYPICAL SECTION AND  
ESTIMATE OF QUANTITIES**  
Scale: As Noted Sheet 3... Of 13...  
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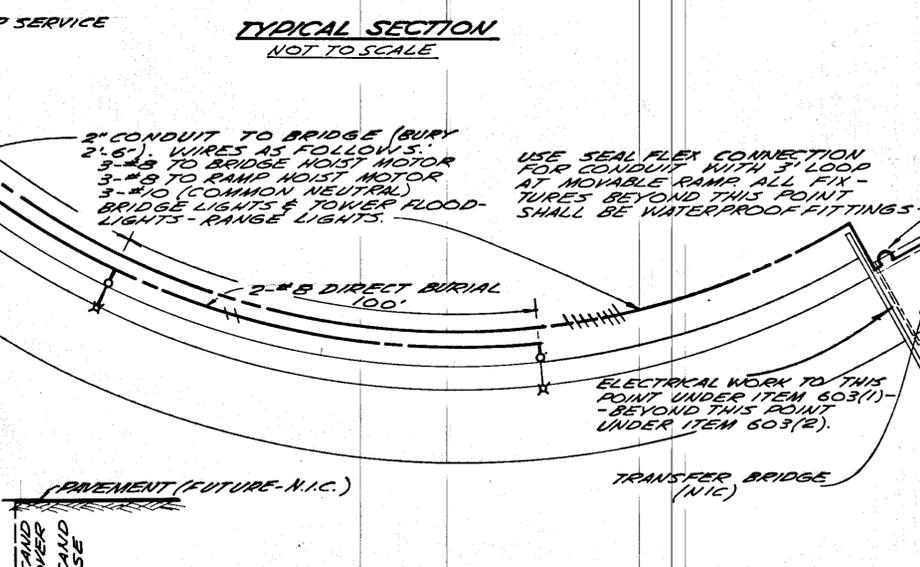
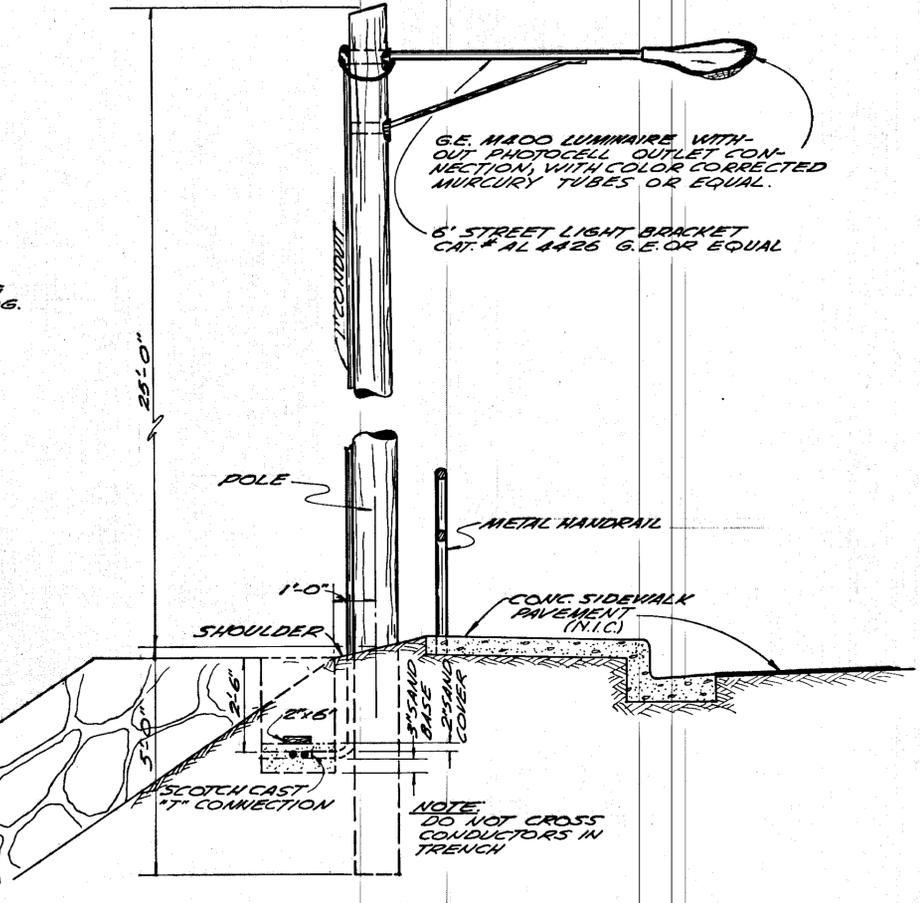
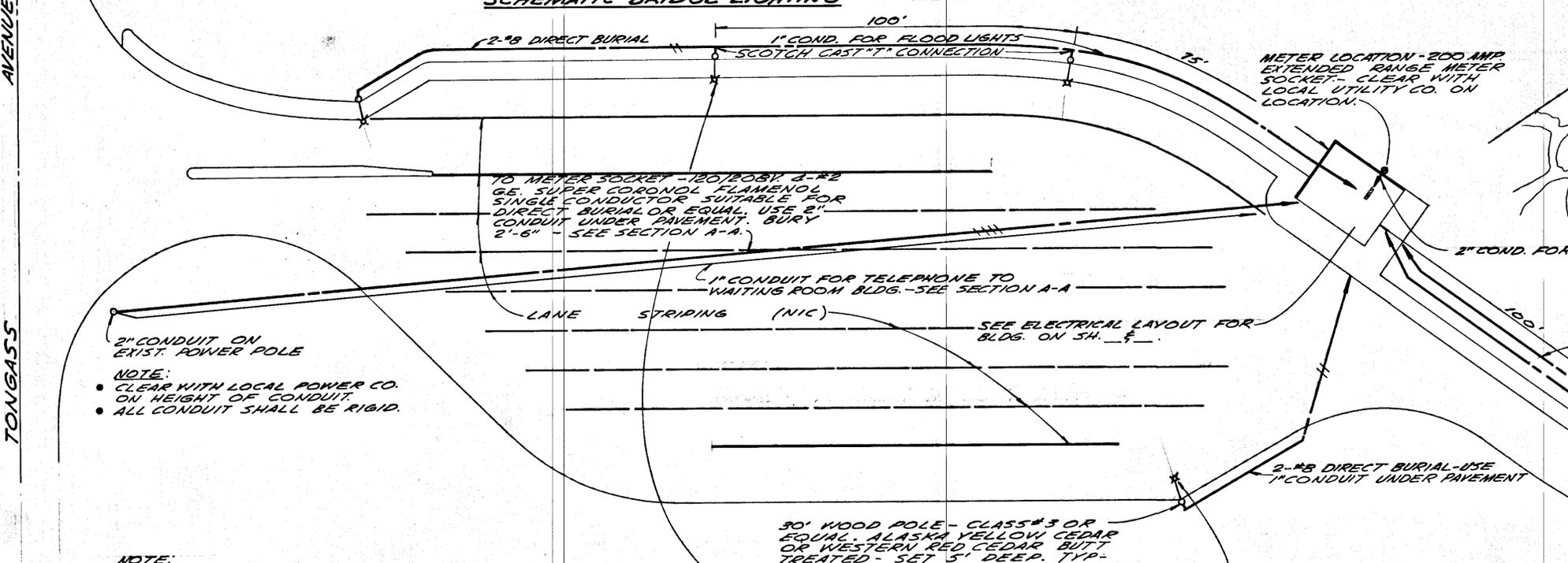
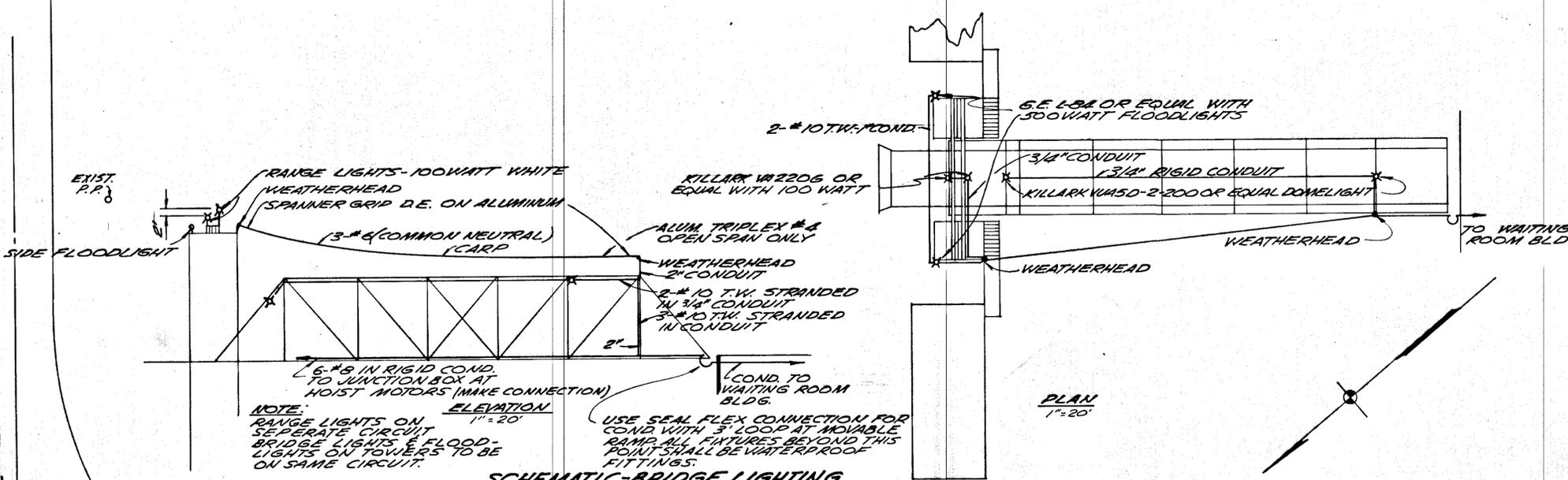


**HOLDING AREA-GENERAL PLAN**  
SCALE: 1"=20'

Note: Elevations shown on base line are top of future pavement.  
Gravel surface in vicinity of catch basins shall be shaped to drain.

STATE OF ALASKA DEPARTMENT OF PUBLIC WORKS	
SOUTHEAST ALASKA FERRY SYSTEM	
KETCHIKAN FERRY TERMINAL	
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<b>HOLDING AREA-GENERAL PLAN</b>	
Scale As Noted	Sheet ... Of 13...
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TONGASS AVENUE



**NOTE:**  
POWER & LIGHT CIRCUITS EXCEPT AS OTHERWISE SHOWN TO BE SWITCHED AT MAKER BOX IN WAITING ROOM BUILDING. MAKER BOX SHALL BE INTERIOR TYPE. AMP BOX COMPLETE WITH 100 AMP V SWITCH, EQUAL TO ZINSCO NO. 12-24. BOX & BREAKER SHALL BE IDENTICAL TO OTHER ITEMS AND NOT FOR DIRECTLY.

CIRCUIT NO.	BREAKER	DESCRIPTION	CIRCUIT NO.	BREAKER	DESCRIPTION
1	15AMP	MARQUEE LIGHTS	13	45AMP	BRIDGE HOIST MOTOR
2	15AMP	WAITING ROOM LIGHTS	14	45AMP	BRIDGE HOIST MOTOR
3	15AMP	TICKET OFFICE LIGHTS	15	45AMP	BRIDGE HOIST MOTOR
4	15AMP	REST ROOM LIGHTS	16	45AMP	RAMP HOIST MOTOR
5	15AMP	BUILDING OUTLETS	17	45AMP	RAMP HOIST MOTOR
6	30AMP	WATER HEATER	18	45AMP	RAMP HOIST MOTOR
7	30AMP	WATER HEATER	19		SPARE
8	15AMP	FURNACE	20		SPARE
9	15AMP	HOLDING AREA FLOODLIGHTS	21		SPARE
10	15AMP	APPROACH FLOODLIGHTS	22		SPARE
11	15AMP	RANGE LIGHTS	23		SPARE
12	15AMP	BRIDGE & TOWER LIGHTS	24		SPARE

STATE OF ALASKA  
DEPARTMENT OF PUBLIC WORKS

SOUTHEAST ALASKA FERRY SYSTEM

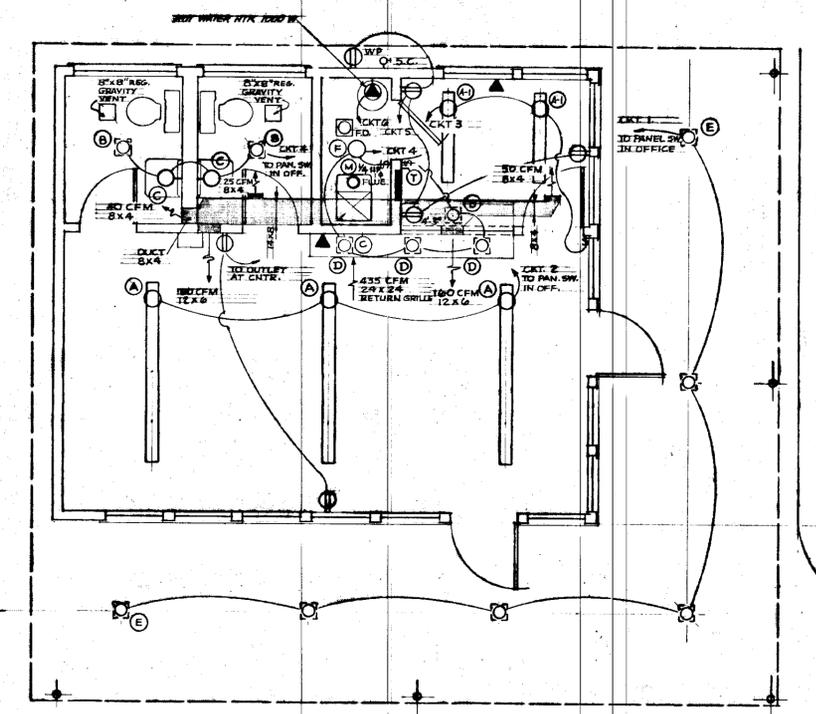
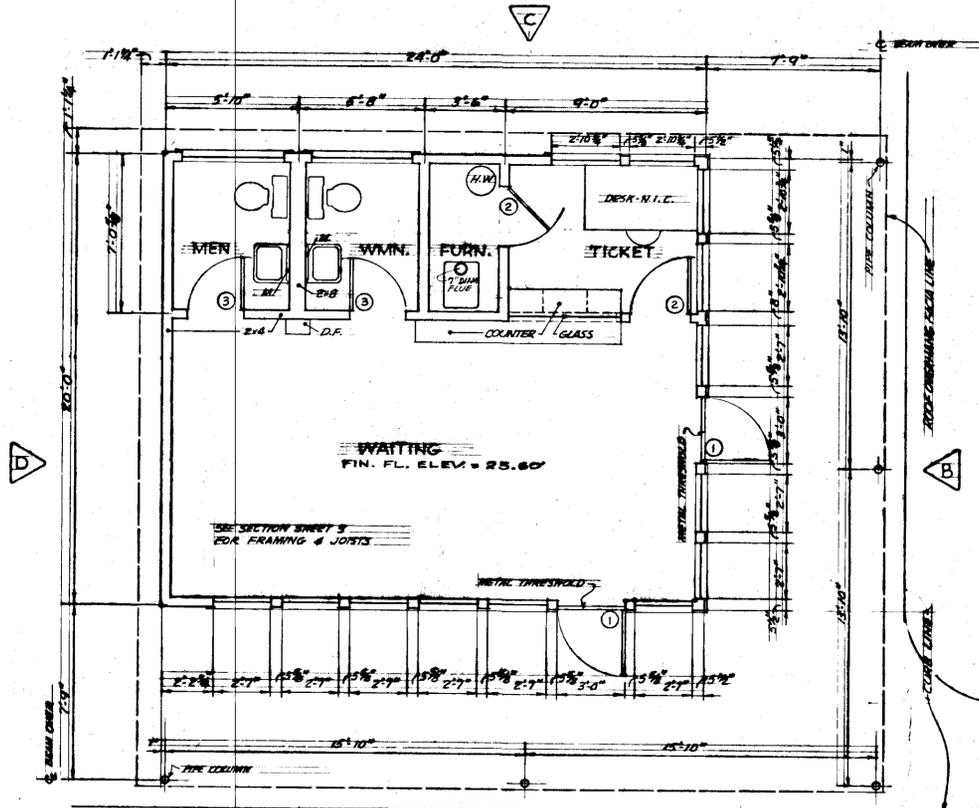
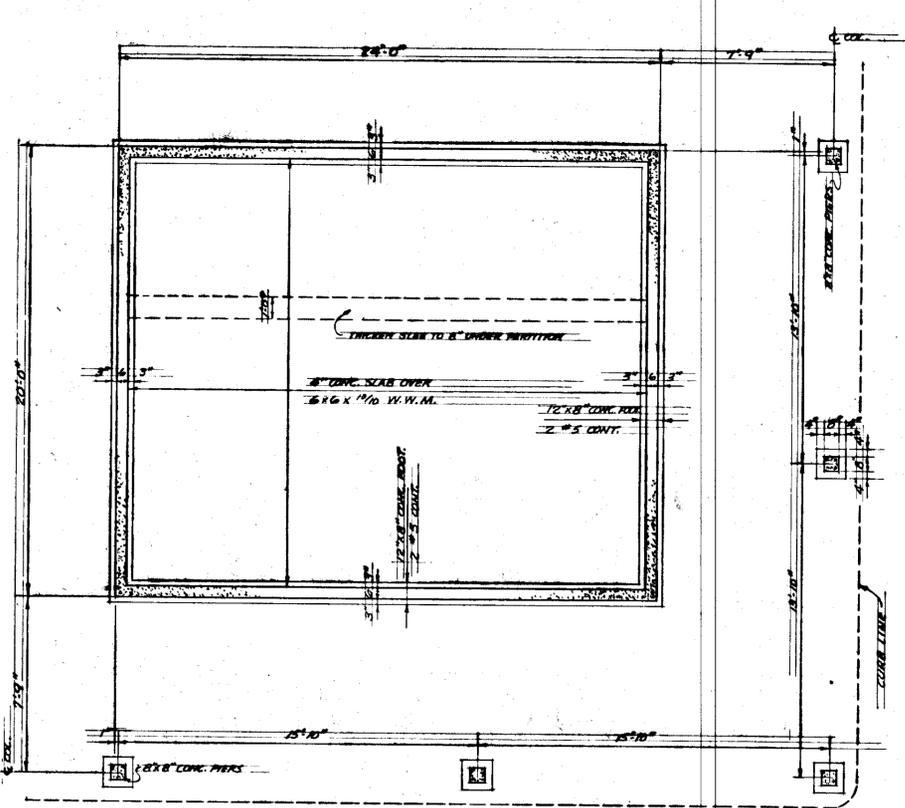
KETCHIKAN FERRY TERMINAL  
PROJECT NO. F-095-2(1)

**STRIPING & LIGHTING PLAN**

Scale As Noted Sheet ... Of ...

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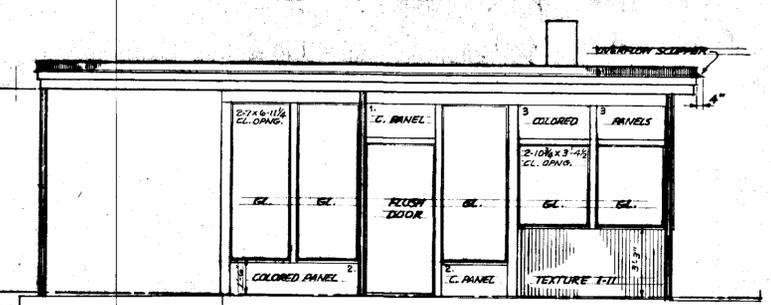
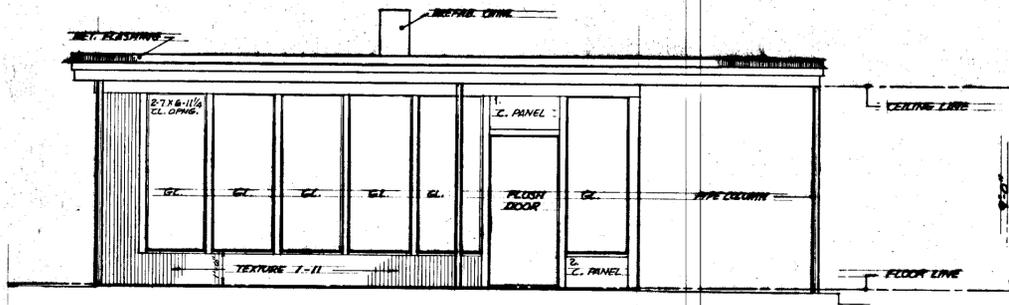




FOUNDATION PLAN SCALE 1/4" = 1'-0"

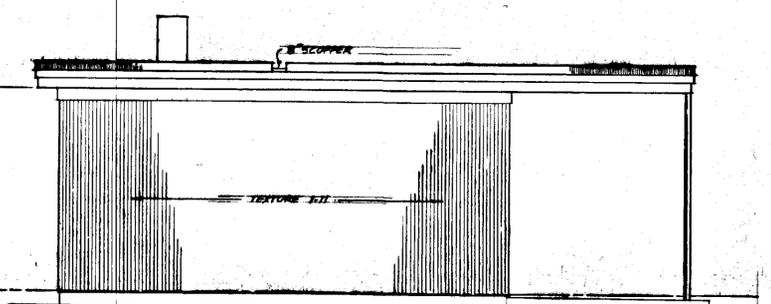
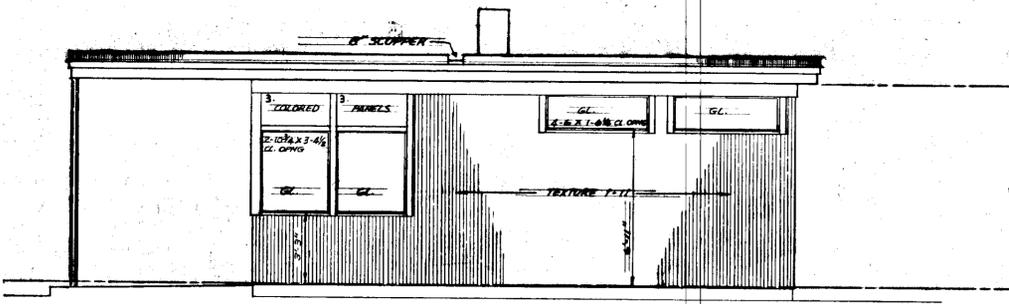
FLOOR PLAN SCALE 1/4" = 1'-0"

MECHANICAL & ELECTRICAL PLAN SCALE 1/4" = 1'-0"



ELEVATION 'A' SCALE 1/2" = 1'-0"

ELEVATION 'B' SCALE 1/2" = 1'-0"



ELEVATION 'C' SCALE 1/2" = 1'-0"

ELEVATION 'D' SCALE 1/2" = 1'-0"

ROOM FINISH SCHEDULE

SPACE	SURFACE	MATERIAL	FINISH	COLOR
WAITING	FLOOR	VINYL ASB		MATCO MARBLEIZED 3030
	CEILING	ACoust. TILE		
	WALLS	GYP. BD.	PAINT	PRESERV. PAINT CO. C-256 FROST
	WAINSCOT	PL. FIN. HD. BD.		MARLITE C-19 PARCHMENT
	TRIM	MET. & WD.	PAINT	GEN. PAINT 3916 BURNT UMBER
TICKET	FLOOR	VINYL ASB		MATCO MARBLEIZED 3030
	CEILING	ACoust. TILE		
	WALLS	GYP. BD.	PAINT	PRESERV. PAINT CO. C-256 FROST
	WAINSCOT	PL. FIN. HD. BD.		MARLITE C-19 PARCHMENT
	TRIM	MET. & WD.	PAINT	GEN. PAINT 3916 BURNT UMBER
FURNACE	FLOOR	CONCRETE		
	CEILING	GYP. BD.	PAINT	PRESERV. PAINT CO. C-256 FROST
	WALLS	GYP. BD.	PAINT	PRESERV. PAINT CO. C-256 FROST
	TRIM	MET.	PAINT	GEN. PAINT 3916 BURNT UMBER
	BASE	RUBBER		BLACK
TOILETS	FLOOR	VINYL ASB		MATCO MARBLEIZED 3030
	CEILING	GYP. BD.	PAINT	PRESERV. PAINT CO. C-256 FROST
	WALLS	PL. FIN. HD. BD.		MARLITE C-19 PARCHMENT
	TRIM	METAL	PAINT	GEN. PAINT 3916 BURNT UMBER
	BASE	RUBBER		BLACK
EXTERIOR	SOFFIT	CEM. ASB. BD.	PAINT	WHITE SLIGHTLY TINTED WITH 3916 UMBER
	WALLS	TEXTURE 1-II	STAIN	OLYMPAC 'TAHOE' WOOD BLEND, 2 COATS
	PANELS 1	PLY. WD.	PAINT	GEN. PAINT 2882 CASE PINE RED
	PANELS 2	PLY. WD.	PAINT	GEN. PAINT 3936 CP CHROME YELLOW FIRST LET DOWN CHIP
	PANELS 3	PLY. WD.	PAINT	3907 PRUSSIAN BLUE 2ND LET DOWN CHIP
	TRIM	WOOD	PAINT	GEN. PAINT 3916 BURNT UMBER
PIPE COL.	METAL	PAINT	GEN. PAINT 3916 BURNT UMBER	

DOOR SCHEDULE

- ① 3'-0" x 6'-8" x 1 3/4" SOLID CORE FLUSH BIRCH
- ② 2'-8" x 6'-8" x 1 3/4" FLUSH BIRCH
- ③ 2'-6" x 6'-8" x 1 3/4" FLUSH BIRCH

ELECTRICAL FIXTURE SCHEDULE

- (A) BENJAMIN CT 414A-B, (X) CT 414A-4
- (B) PRESCOLITE 1815-6315 150 W
- (C) MOE M 749 60 W
- (D) PRESCOLITE 300 75 W
- (E) PRESCOLITE 488-6600 100 W
- (F) PORCELAIN RECEPTACLE 100 W

#1 AREA ABOVE EXTERIOR DOORS FROM METAL TRIM TO HORIZONTAL LINE AT HT. OF ADJACENT WINDOW HEAD METAL TRIM TO BE 2882 CASE PINE RED WALL AREA ABOVE WINDOWS & ABOVE RED AREAS OVER DOORS TO BE 3916 BURNT UMBER.  
 #2 WALL "D" TO BE TEXTURE 1-II. ALL INTERIOR TEXTURE 1-II SURFACES TO BE STAINED "TAHOE".  
 #3 THE TERM "TRIM" INCLUDES WINDOW SILLS & BRULLIONS, HEAD TRIM, PIEZE, 3/8" x 1 1/2" COVER TRIM, FACIA. TRIMMER TO BE PAINTED 3936 CP CHROME YELLOW LT. FIRST LET DOWN CHIP.

OLSEN & SANDS - ARCHITECTS - A.I.A.  
 JUNEAU, ALASKA

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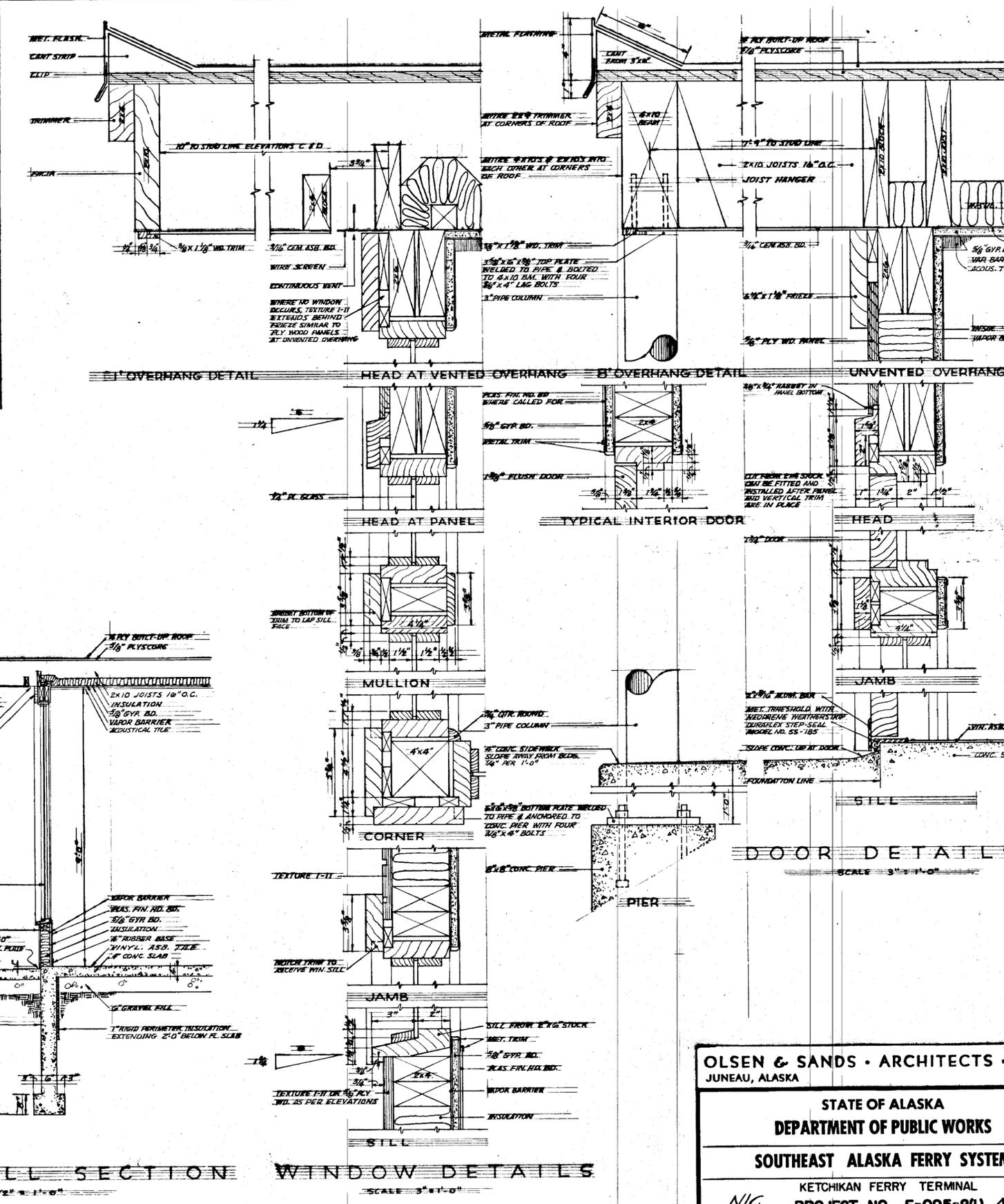
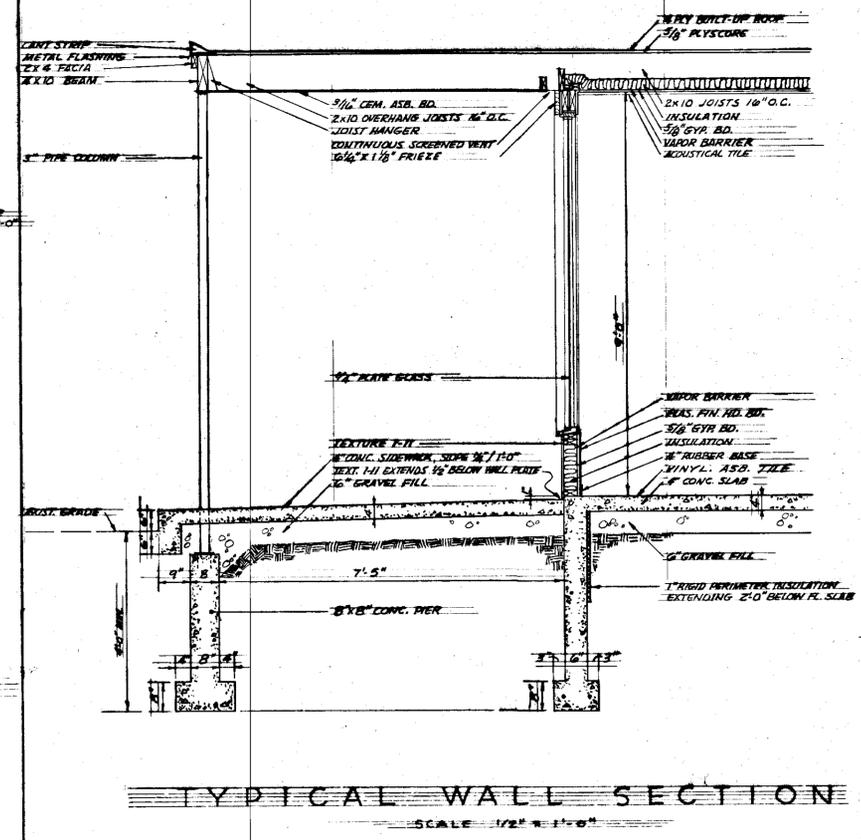
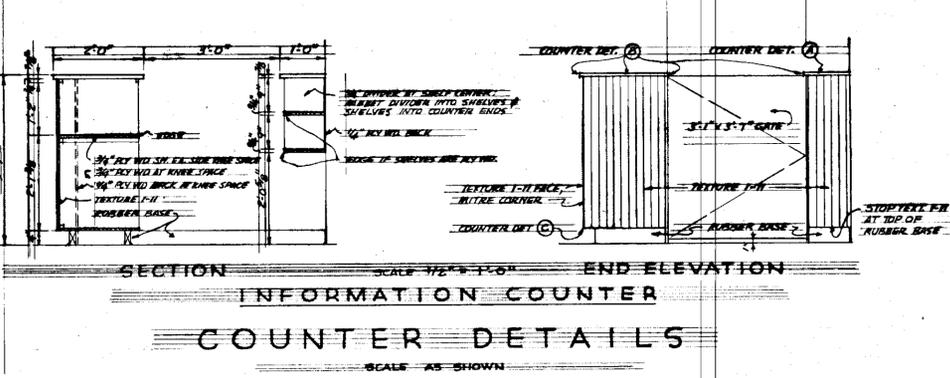
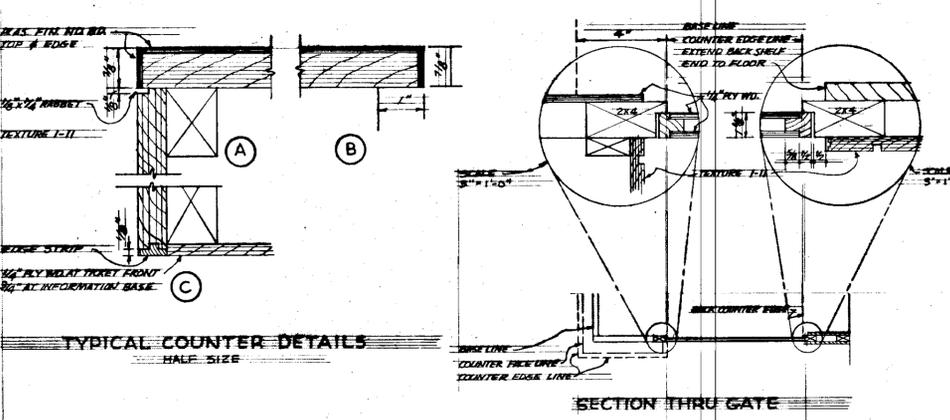
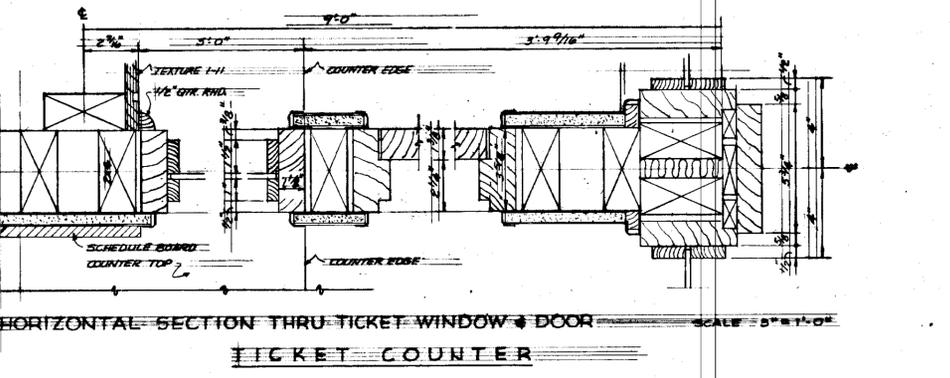
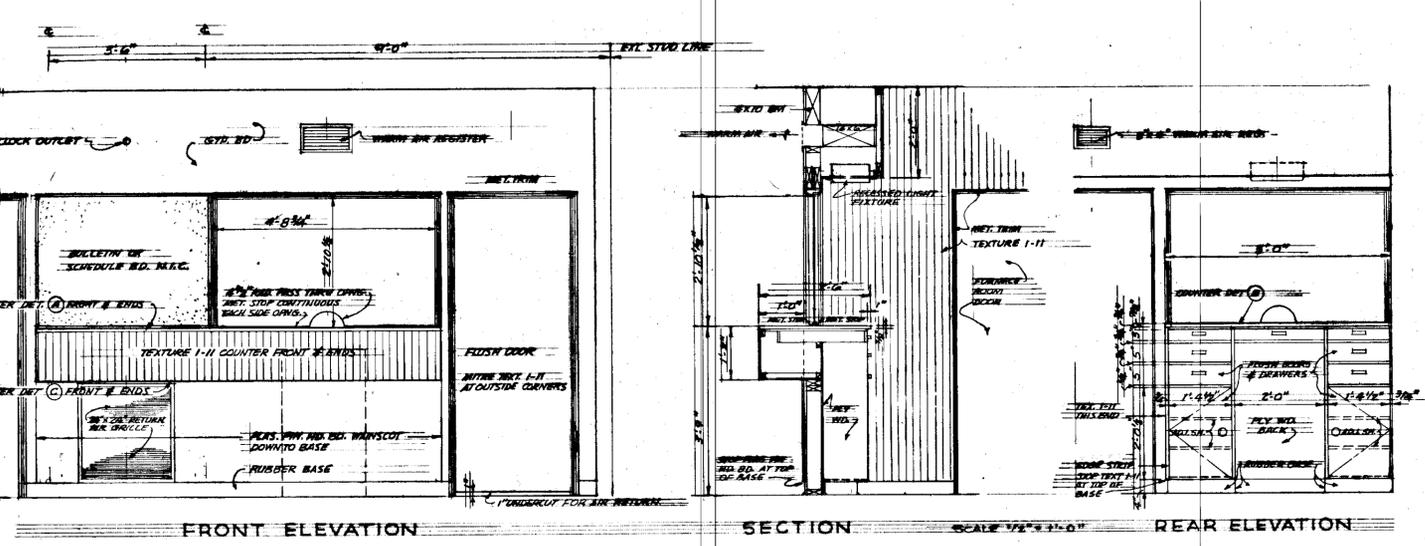
SOUTHEAST ALASKA FERRY SYSTEM

KETCHIKAN FERRY TERMINAL  
 PROJECT NO. F-095-2(1) NIC

**WAITING RM. BLDG. DETAILS**

Scale: As Noted Sheet 7. Of 7.

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OLSEN & SANDS • ARCHITECTS • A  
 JUNEAU, ALASKA

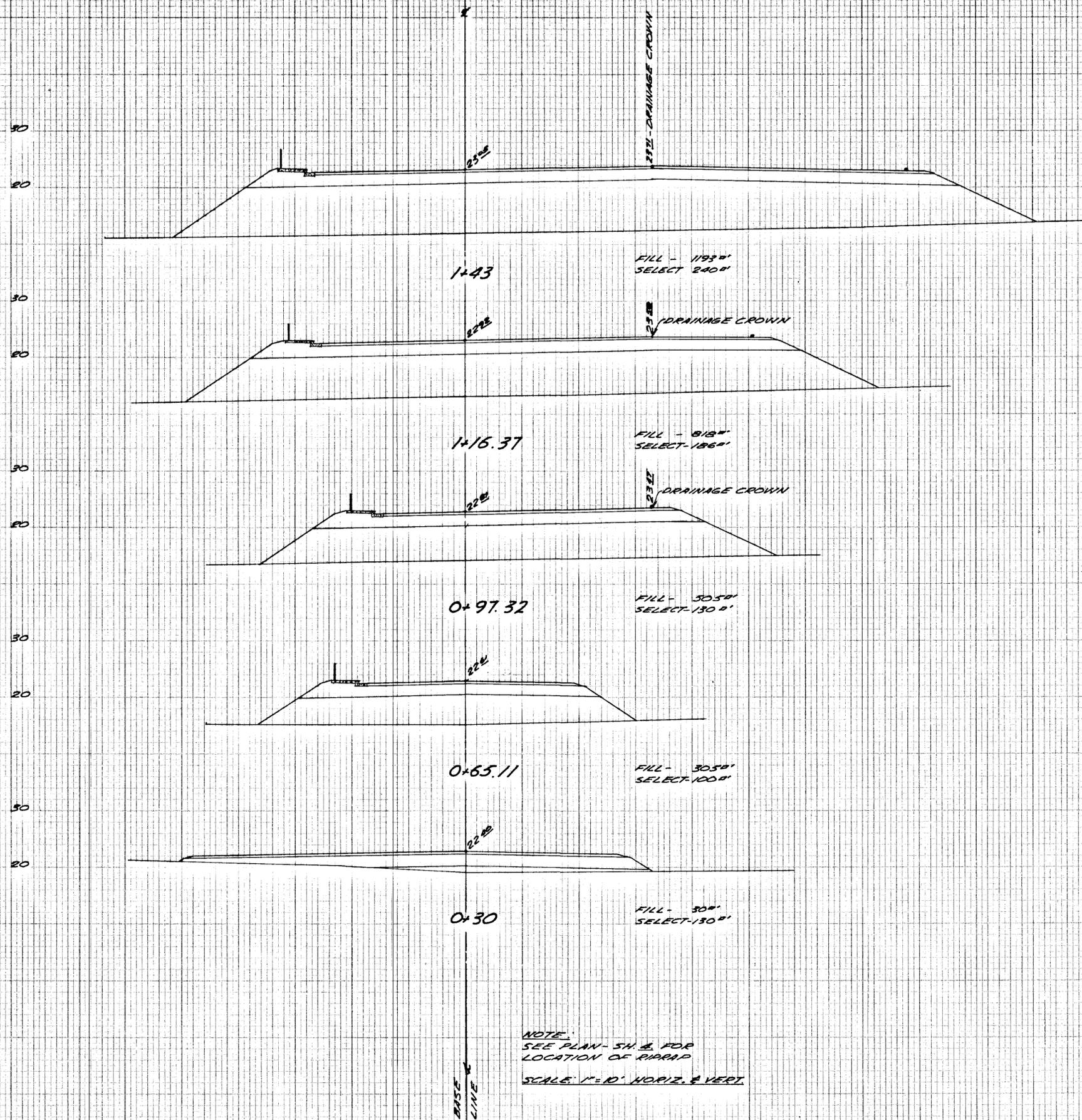
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SOUTHEAST ALASKA FERRY SYSTEM  
 KETCHIKAN FERRY TERMINAL  
 PROJECT NO. F-095-2(1) N/C

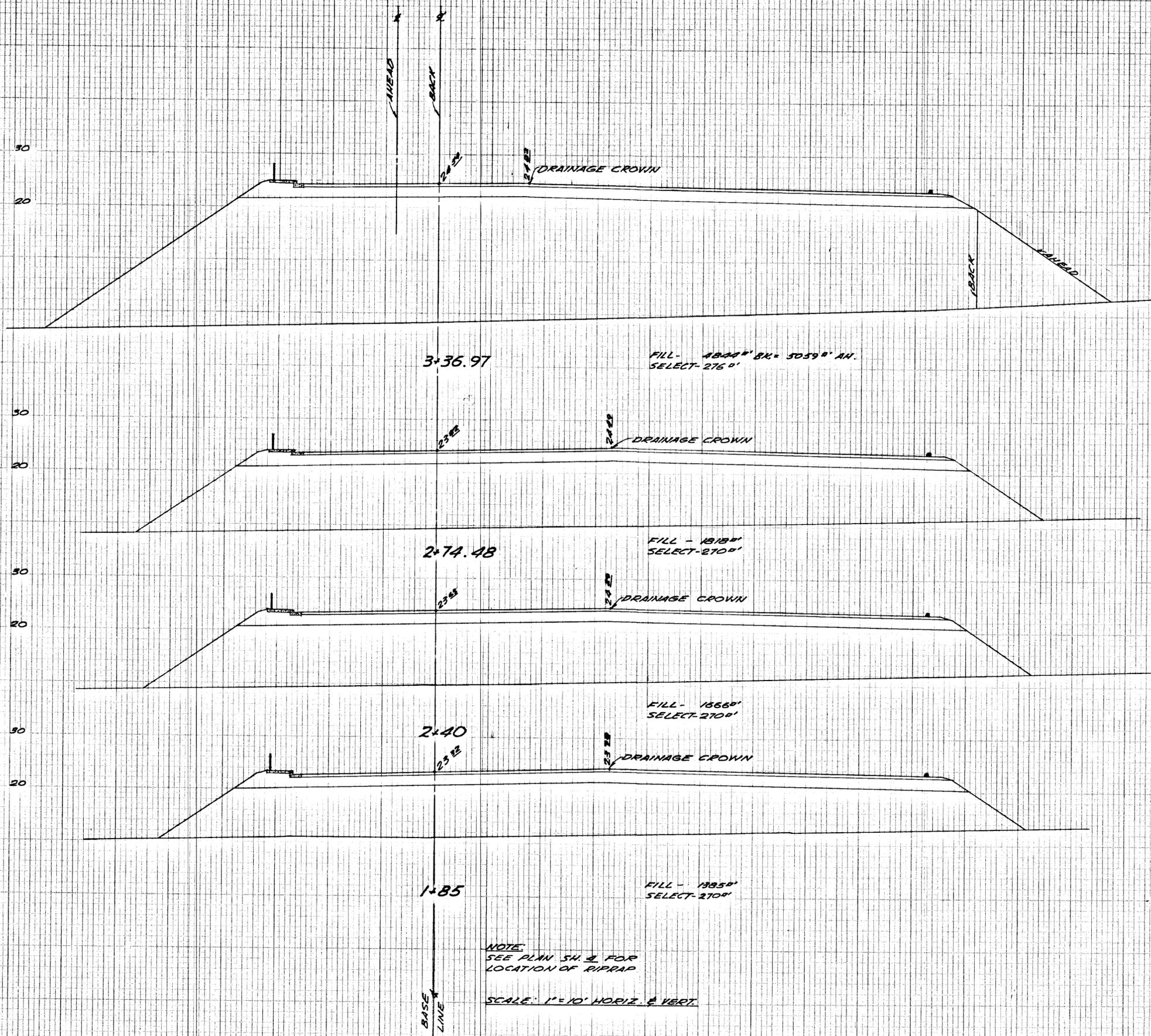
**WAITING RM. BLDG. DETAILS**

Scale As Noted      Sheet 8... 0

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STATE OF ALASKA  
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**CROSS SECTIONS**  
Scale: As Noted Sheet 9... Of 13...  
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NOTE:  
SEE PLAN SH. 4 FOR  
LOCATION OF RIPRAP

SCALE: 1" = 10' HORIZ. & VERT.

STATE OF ALASKA  
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SOUTHEAST ALASKA FERRY SYSTEM

KETCHIKAN FERRY TERMINAL

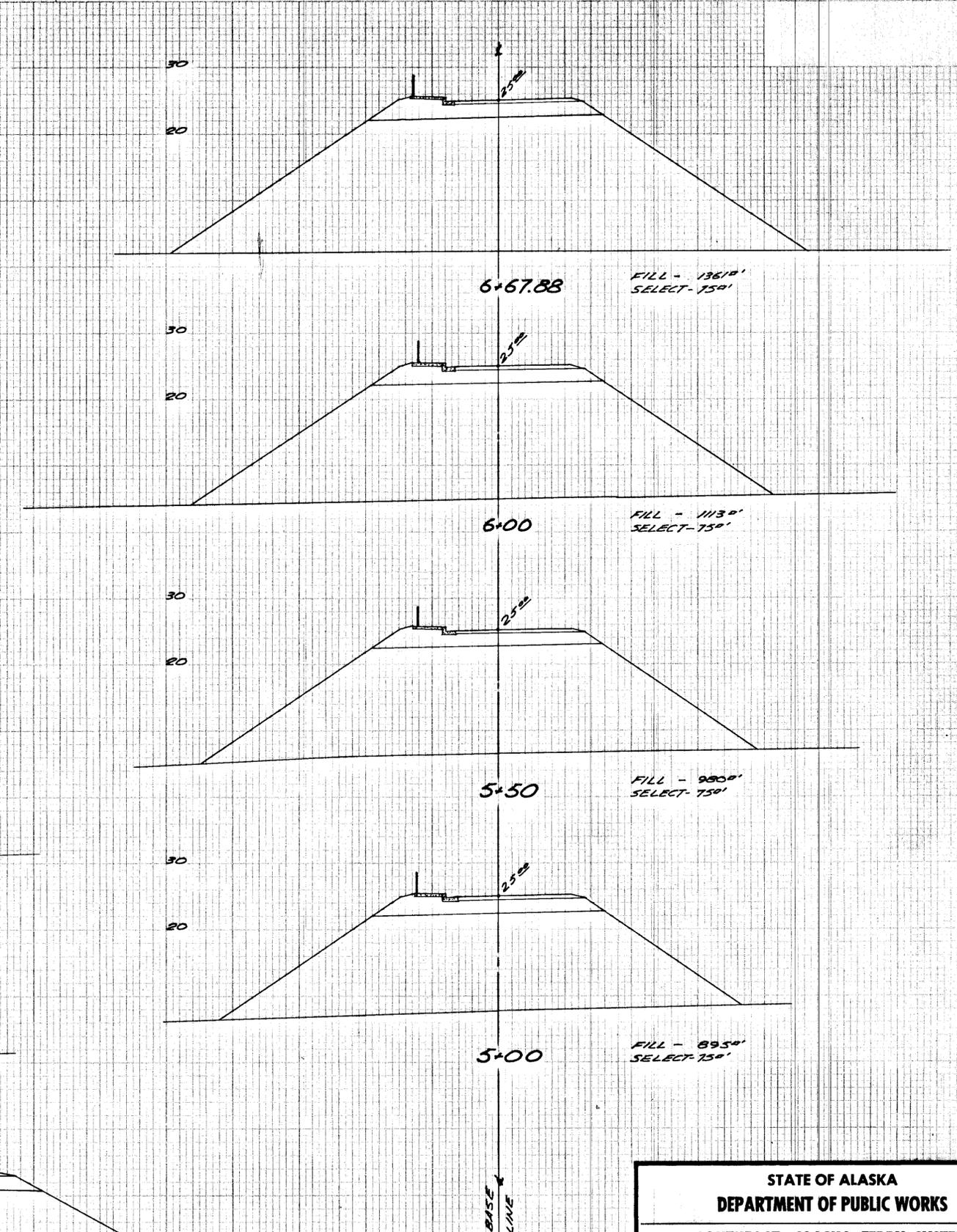
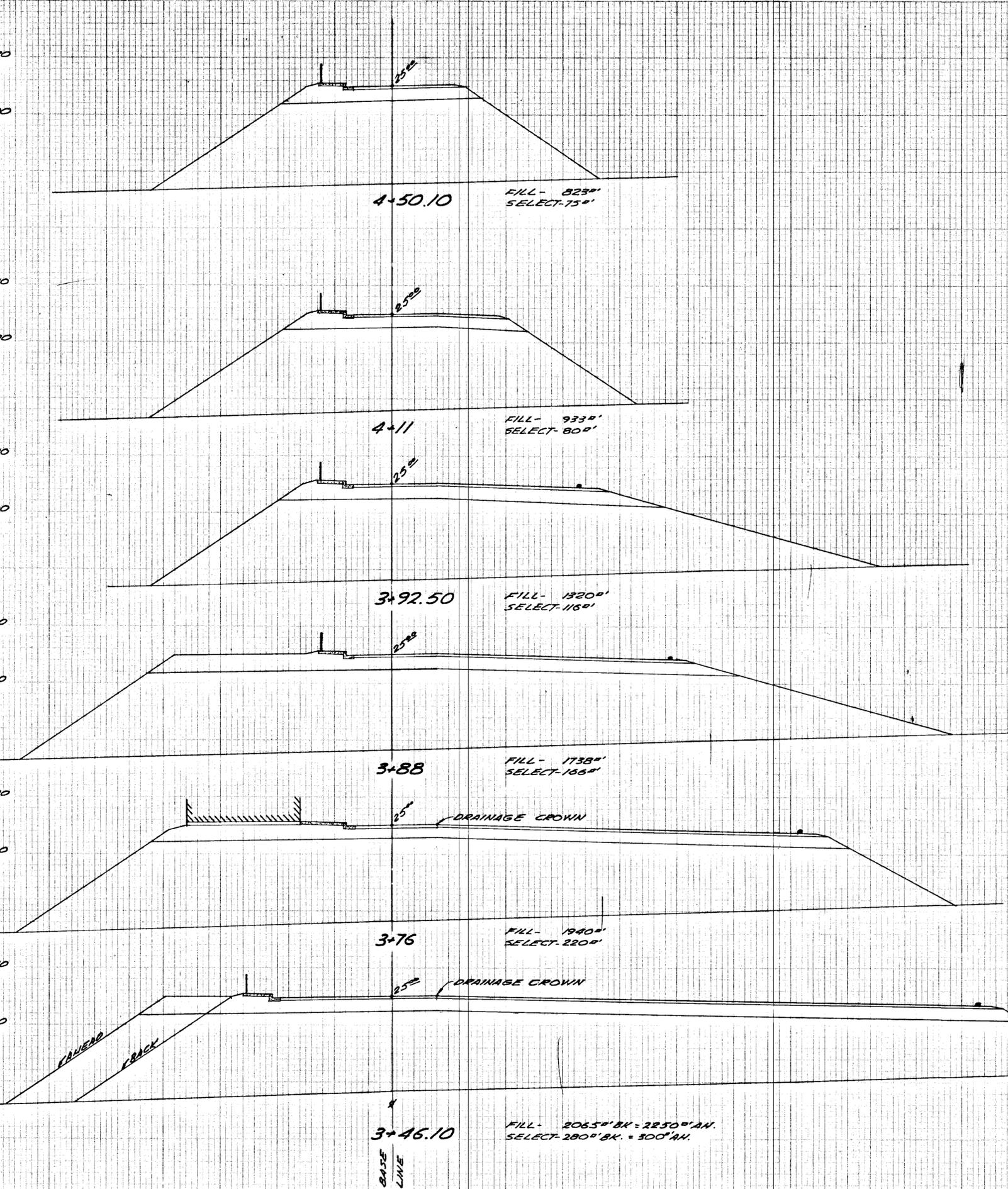
PROJECT NO. F-095-2(1)

**CROSS SECTIONS**

Scale: As Noted Sheet 10 of 13

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PLATE 3 - CROSS SECTION G. P. R. C. STANDARD  
REDFIELD & ESSERSON, NEW YORK



NOTE:  
SEE PLAN SH. 2 FOR  
LOCATION OF RIPRAP

SCALE: 1" = 10' HORIZ. & VERT.

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KETCHIKAN FERRY TERMINAL	
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<b>CROSS SECTIONS</b>	
Scale: As Noted	Sheet 11 of 13
TONER & NORDLING Registered Engineers Juneau	