

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	F-095-6(I)	1962	1	14

TYPE OF IMPROVEMENT Y021

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	TIMBER TRESTLE APPROACH STRUCTURE
7	CONSTRUCTION DETAILS
8-9	WAITING ROOM BUILDING DETAILS
10-12	CROSS SECTIONS
S-6	STANDARD PROJECT IDENTIFICATION SIGN
S-8	STANDARD BEAM-TYPE GUARDRAIL

DESIGN DESIGNATION
 ADT(1962) = 16
 ADT(1982) = 28
 DHV
 D
 T = 10%
 V

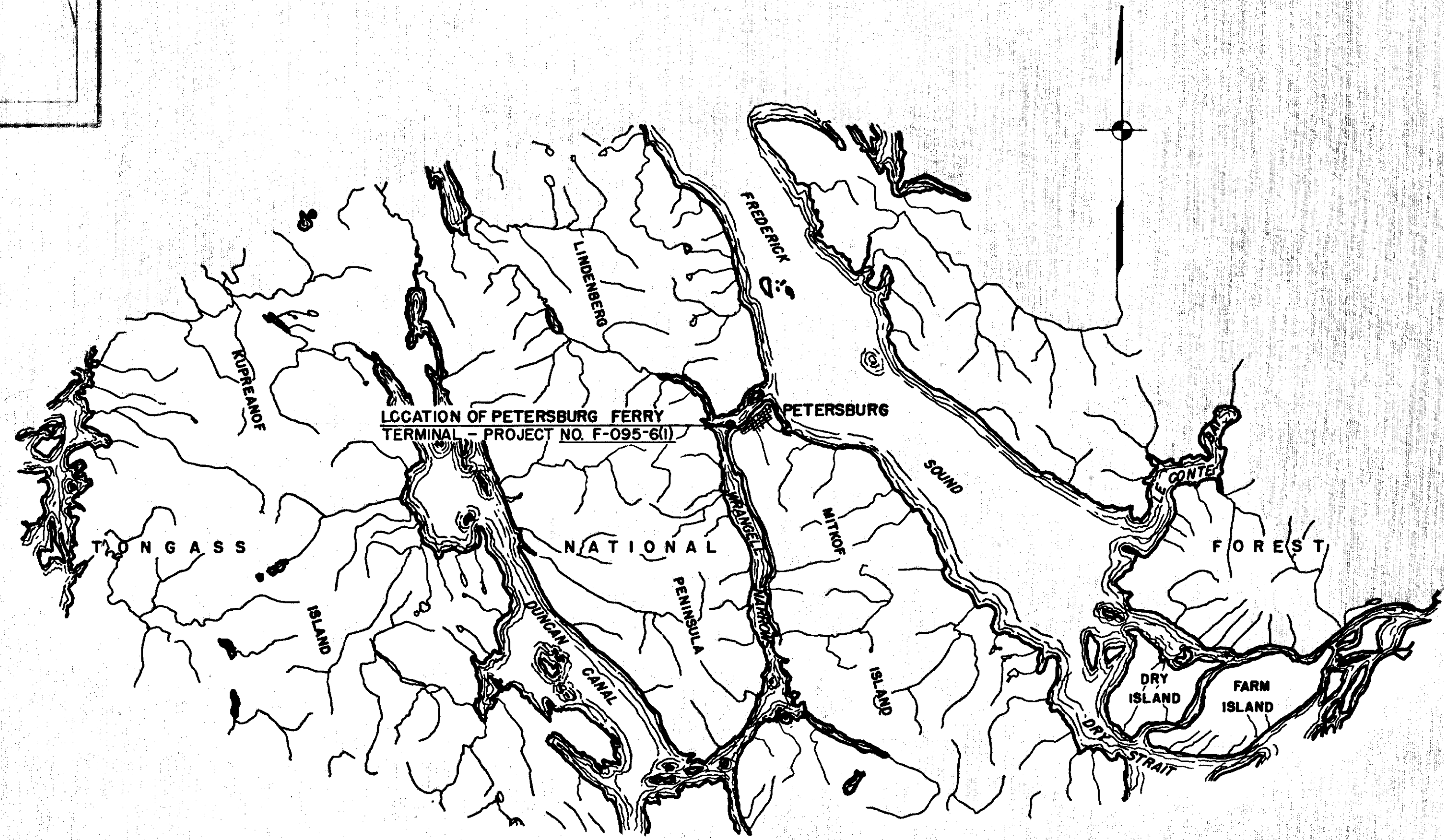
PROJECT SUMMARY

LENGTH OF PROJECT	382.82' = 0.072 mi
LENGTH OF EXCEPTION	324.00' = 0.061 mi
LENGTH OF PROJECT	706.82' = 0.133 mi



STATE OF ALASKA
 DEPARTMENT OF PUBLIC WORKS
 DIVISION OF HIGHWAYS

PROPOSED HIGHWAY PROJECT
 NO. F-095-6(I)
 SOUTHEAST ALASKA FERRY SYSTEM
 TERMINAL FACILITY AT
 PETERSBURG, ALASKA
 AS BUILT



CONVENTIONAL SIGNS

PROPOSED CONSTRUCTION CENTERLINE	—+—+—+—+—+—+—+—+—+—
PROPERTY LINE	—+—+—+—+—+—+—+—+—+—
RIGHT OF WAY LINE	—+—+—+—+—+—+—+—+—+—
POWER LINE	—○—○—○—○—○—○—○—○—○—
TELEPHONE OR TELEGRAPH LINE	—●—●—●—●—●—●—●—●—●—
LIGHT POLE	—X—X—X—X—X—X—X—X—X—
WATER LINE	—W—W—W—W—W—W—W—W—W—
CATCH BASIN	—CB—CB—CB—CB—CB—CB—CB—CB—CB—
MANHOLE	—MH—MH—MH—MH—MH—MH—MH—MH—MH—
QUARTER PROPOSED	—QP—QP—QP—QP—QP—QP—QP—QP—QP—
CULVERT EXISTING	—CE—CE—CE—CE—CE—CE—CE—CE—CE—
TRAVELED WAY	—TW—TW—TW—TW—TW—TW—TW—TW—TW—
SEWER LINE	—SL—SL—SL—SL—SL—SL—SL—SL—SL—

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

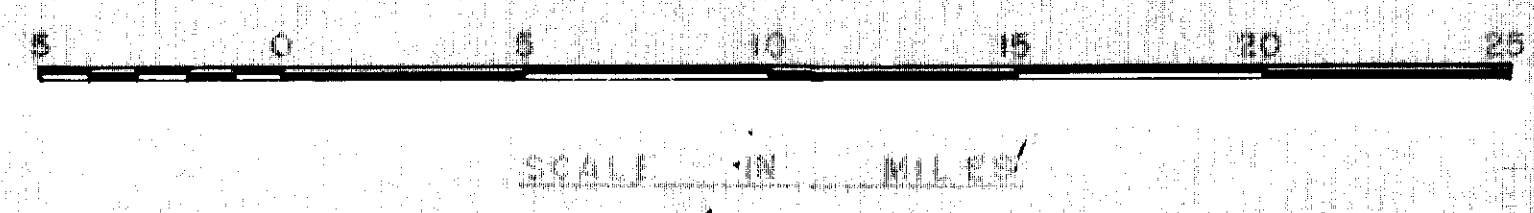
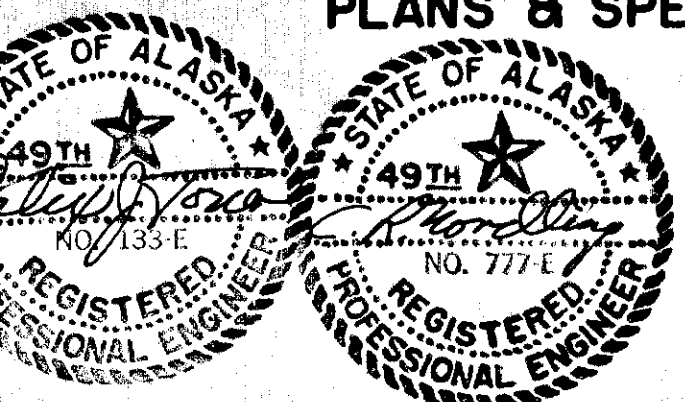
APPROVED: *B. E. Luellman* Date: 5/11/62

STATE OF ALASKA
 DEPARTMENT OF HIGHWAYS

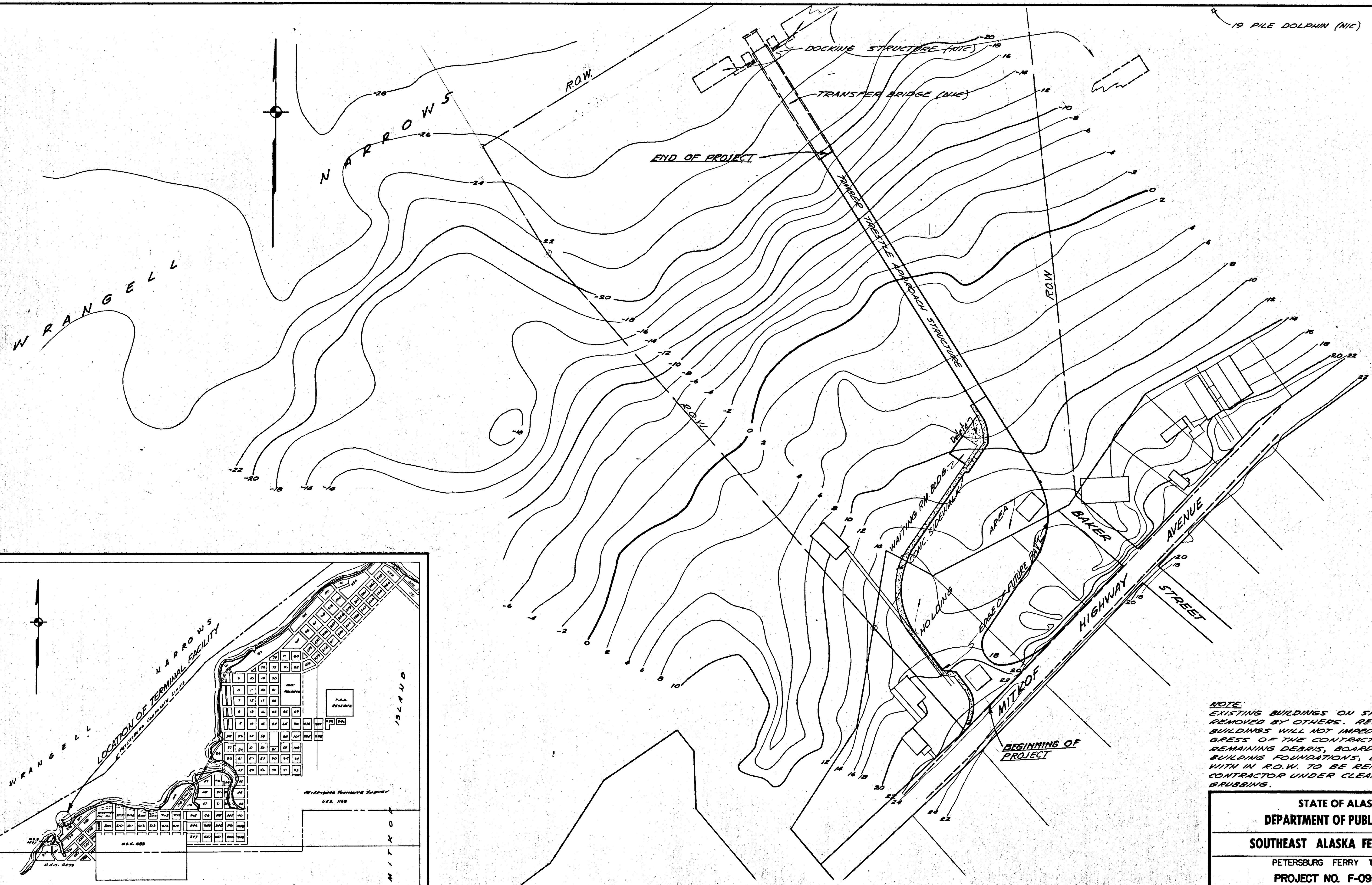
APPROVED: *Samck* Date: 5/11/62
 COMMISSIONER OF HIGHWAYS

APPROVED: _____ Date: _____
 REGIONAL ENGINEER
 BUREAU OF PUBLIC ROADS
 REGION TEN

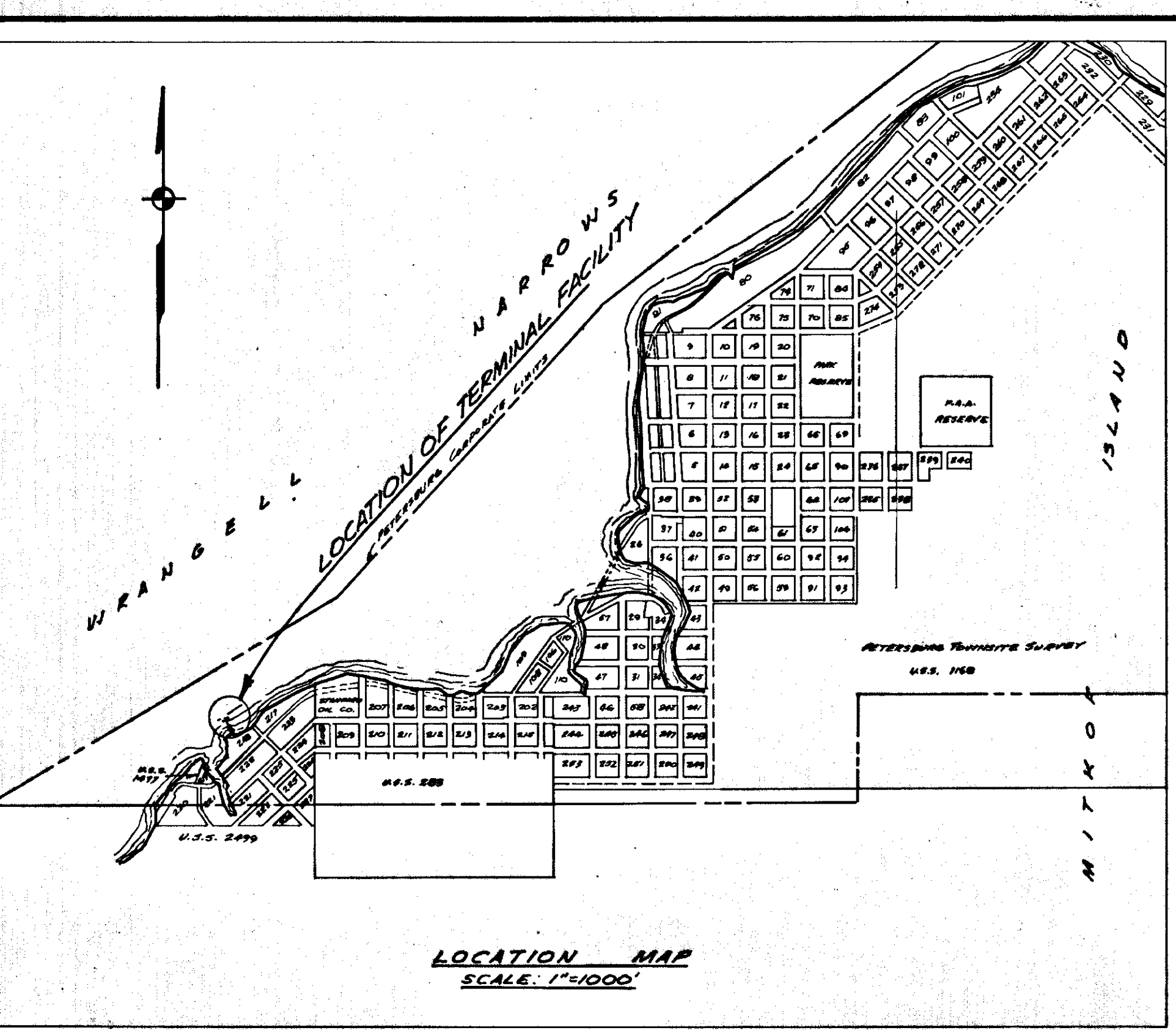
PLANS & SPECIFICATIONS BY:
TONER AND NORDLING
 REGISTERED ENGINEERS
 JUNEAU ALASKA



No Change in Length of Project
 Contractor: Mid-West Construction Co.
 Project Engineer: Gerald Jones
 Construction started Oct. 4, 1962, Finish Jun 24, 1963
 As Built Changes entered on plans - Aug. 1963



NOTE:
 EXISTING BUILDINGS ON SITE TO BE REMOVED BY OTHERS. REMOVAL OF BUILDINGS WILL NOT IMPERE THE PROGRESS OF THE CONTRACTOR. ALL REMAINING DEBRIS, BOARDWALK, BUILDING FOUNDATIONS, BRUSH, ETC. WITH IN R.O.W. TO BE REMOVED BY CONTRACTOR UNDER CLEARING & GRUBBING.



LOCATION MAP
 SCALE: 1" = 1000'

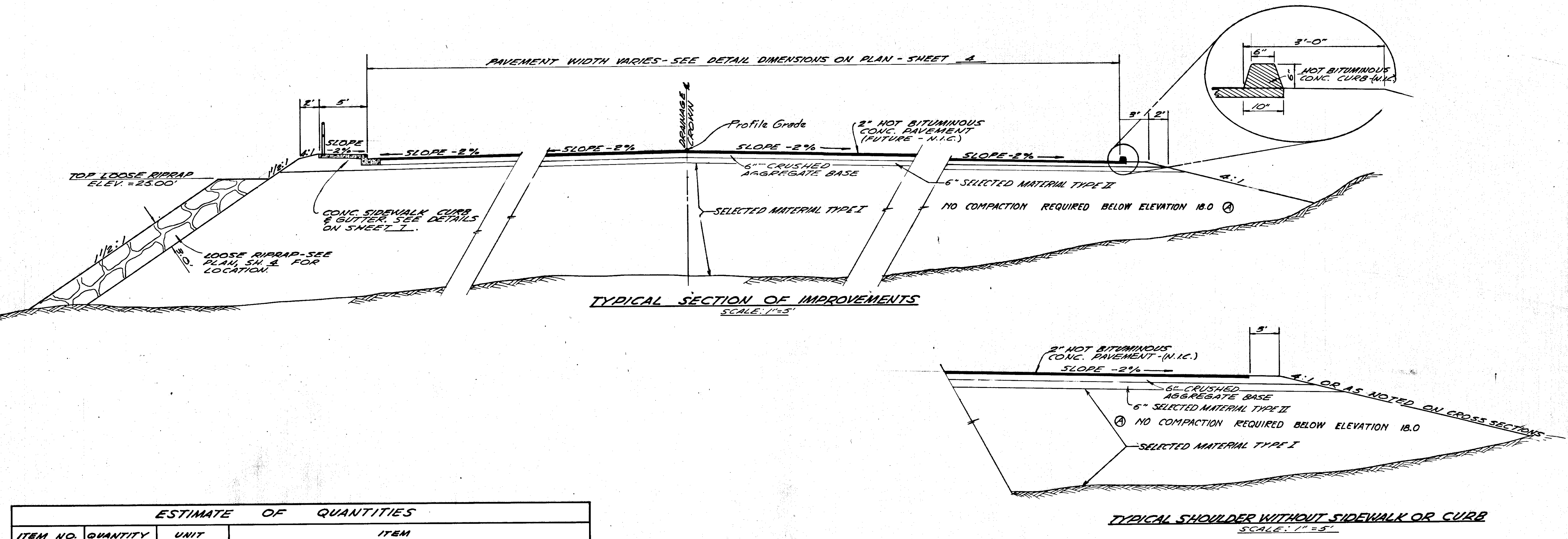
STATE OF ALASKA
 DEPARTMENT OF PUBLIC WORKS

SOUTHEAST ALASKA FERRY SYSTEM

PETERSBURG FERRY TERMINAL
 PROJECT NO. F-095-6(1)
MASTER PLAN

Scale: 1" = 50' Sheet 2... Of 14...

TONER & NORDLING® Registered Engineers® Juneau



ESTIMATE OF QUANTITIES			
ITEM NO.	QUANTITY	UNIT	ITEM
100(5)	ALL REQ'D.	LUMP SUM	CLEARING & GRUBBING
102(7)	16,678	C.Y.	SELECTED MATERIAL, TYPE I BORROW CASE II
102(7A)	697	C.Y.	SELECTED MATERIAL TYPE II BORROW, CASE II
200(3)	600	C.Y.	CRUSHED AGGREGATE BASE, GRADING D-1
400(11)	51	EACH	TREATED TIMBER PILES, DRIVEN
420(7)	ALL REQ'D.	LUMP SUM	STRUCTURAL STEEL CLOSURE PLATE & SLIDE PLATE, FURNISHED, FABRICATED & ERECTED.
422(4)	652	L.F.	TIMBER BRIDGE RAILING
430(2)	96.43	MBM	TREATED TIMBER, COAL-TAR CREOSOTE PRESERVATIVE
453(2E)	84	L.F.	18" BITUMINOUS COATED CORRUGATED METAL PIPE, 16 GAGE
510(1)	1,568	C.Y.	LOOSE RIPRAP
521(3)	4	EACH	CATCH BASINS
521(5)	4	PAIRS	METAL FRAMES & GRATINGS
524(3)	429	L.F.	CONCRETE CURB & GUTTER
530(1)	271.5	S.Y.	CONCRETE SIDEWALK
583(1)	75	L.F.	BEAM-TYPE GUARD RAIL
601	379.5	L.F.	PIPE HANDRAIL
602	ALL REQ'D.	LUMP SUM	WAITING ROOM BUILDING
603(1)	ALL REQ'D.	LUMP SUM	ELECTRIC SERVICE, HOLDING AREA, APPROACH WIRING & LIGHTING
603(2)	ALL REQ'D.	LUMP SUM	TRANSFER BRIDGE & DOCK POWER SERVICE & LIGHTING

REVISIONS	
Date	Description
7/13/62	(4)

STATE OF ALASKA
DEPARTMENT OF PUBLIC WORKS

SOUTHEAST ALASKA FERRY SYSTEM

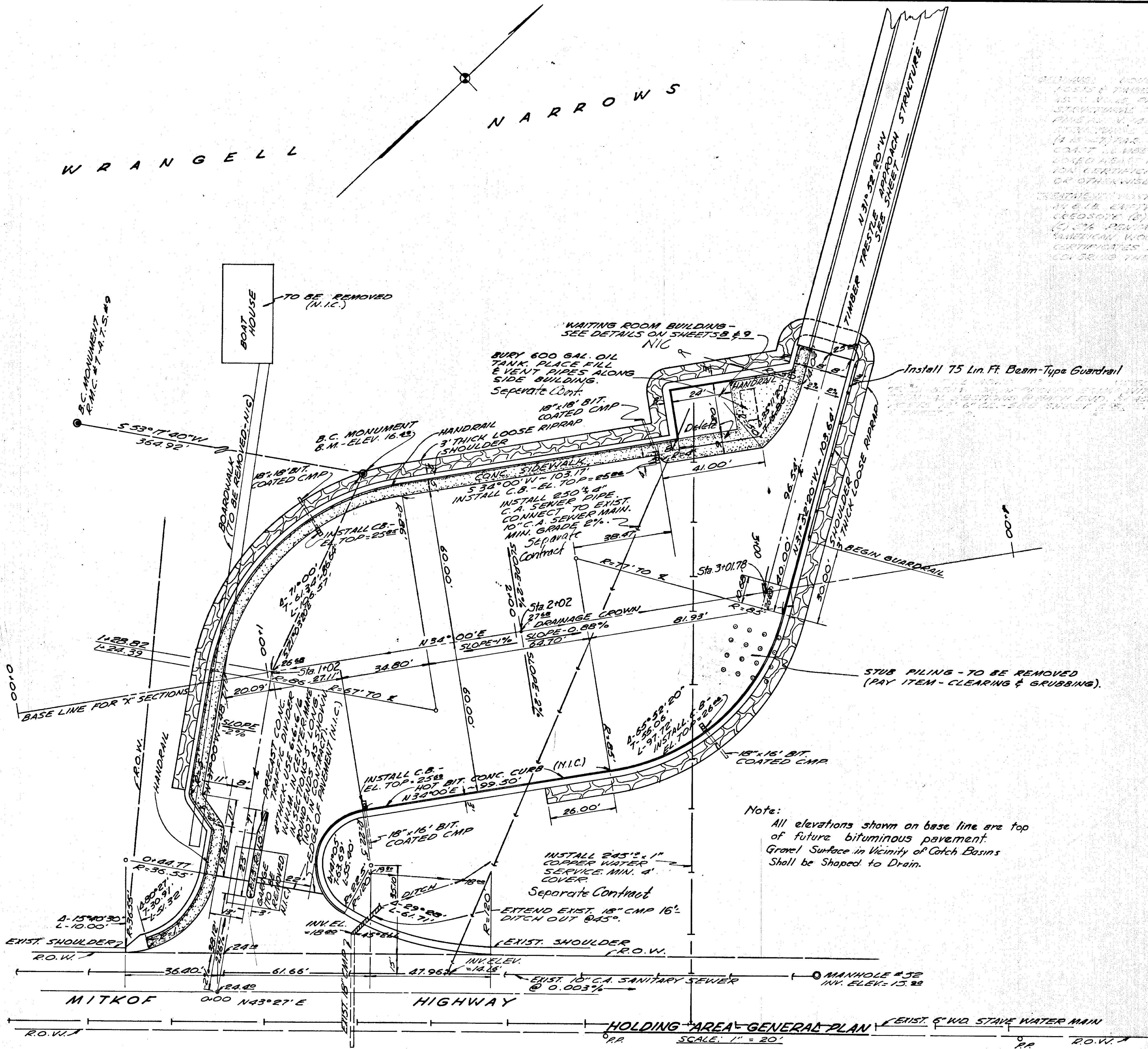
PETERSBURG FERRY TERMINAL
PROJECT NO. F-095-6(1)
**TYPICAL SECTION AND
ESTIMATE OF QUANTITIES**

Scale: As Noted Sheet 3 of 14

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WRANGELL

NARROWS

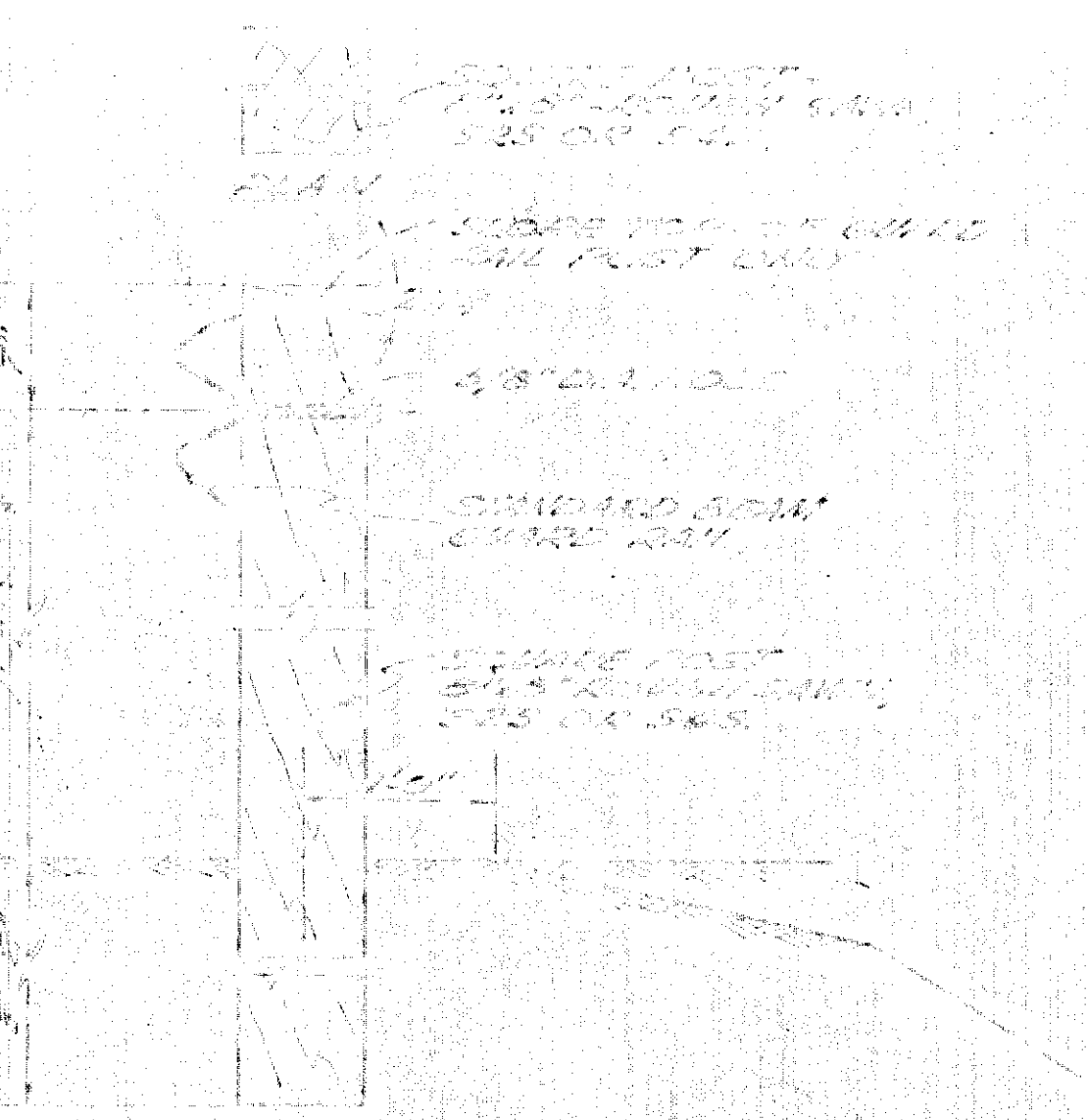


CONCRETE SHALL BE PLACED IN 10' X 10' X 4' FORMS WITH 1/2\"/>

SEWER PIPES SHALL BE TRENCH WITH 1/2\"/>

WOOD SHALL BE TREATED WITH 1/2\"/>

CONCRETE SHALL BE PLACED IN 10' X 10' X 4' FORMS WITH 1/2\"/>



Note:
All elevations shown on base line are top of future bituminous pavement.
Gravel Surface in Vicinity of Catch Basins Shall be Shaped to Drain.

STATE OF ALASKA
DEPARTMENT OF PUBLIC WORKS
SOUTHEAST ALASKA FERRY SYSTEM
PETERSBURG FERRY TERMINAL
PROJECT NO. F-095-6(1)
HOLDING AREA-GENERAL PLAN
Scale: As Noted Sheet 4 of 14
TONER & NORDLING Registered Engineers Juneau

NOTE:
 ALL POWER & LIGHT CIRCUITS EXCEPT AS OTHERWISE SHOWN TO BE SWITCHED AT BREAKER BOX IN WAITING ROOM BLDG. BREAKER BOX SHALL BE INTERIOR TYPE 100 AMP BOX COMPLETE WITH 100 AMP MAIN SWITCH, EQUAL TO ZINSCO NO. ML 12-24. BOX & BREAKERS SHALL BE INCIDENTAL TO OTHER ITEMS & NOT PAID FOR DIRECTLY. CIRCUITS SHALL BE AS FOLLOWS:

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

USE G.E. M400 LUMINAIRES OR EQUAL WITHOUT PHOTOCELL OUTLET CONNECTION WITH COLOR CORRECTED MERCURY TUBES & 6" STREET LIGHT BRACKET, G.E. OR EQUAL. TYPICAL FOR EACH POLE.

SCOTCH CAST "T" CONNECTION

METER LOCATION - 200 AMP EXTENDED RANGE METER SOCKET - CLEAR WITH LOCAL UTILITY CO. ON LOCATION.

1" COND. FOR FLOODLIGHTS
 2" COND. FOR SERVICE

2-#8 DIRECT BURIAL

2" CONDUIT TO BRIDGE WIRES AS FOLLOWS:
 3-#8 TO BRIDGE HOIST MOTOR
 3-#8 TO RAMP HOIST MOTOR
 3-#10 (COMMON NEUTRAL) BRIDGE LIGHTS & TOWER FLOODLIGHTS - RANGE LIGHTS.

TRESTLE LIGHTING: 2-#6 IN 1" CONDUIT. SEE TRESTLE PLAN FOR LOCATION OF LIGHTS.

SEE ELECTRICAL LAYOUT FOR BLDG. ON SH.B. & 9

2-#8 DIRECT BURIAL - USE 1" COND. UNDER PAVEMENT.

1" CONDUIT FOR TELEPHONE TO WAITING ROOM BLDG. SEE SECTION A-A.

TO METER SOCKET 120/208V. 4-#2 SINGLE CONDUCTOR SUITABLE FOR DIRECT BURIAL OR EQUAL. USE 2" CONDUIT UNDER PAVEMENT. BURY 2'-6" - SEE SECTION A-A.

2-#8 DIRECT BURIAL

LANE STRIPING (NOT IN CONTRACT)

This section only this contract
 All other work this sheet under separate contract

RANGE LIGHTS - 100WATT WHITE WEATHERHEAD SPANNER GRIP D.E. ON ALUMINUM

3-#6 (COMMON NEUTRAL) 1" CARP

ALUM. TRIPLEX #4 OPEN SPAN ONLY

WEATHERHEAD 2" CONDUIT

2-#10 T.W. STRANDED IN 3/4" CONDUIT

3-#10 T.W. STRANDED IN 1" CONDUIT

6-#8 IN RIGID COND. TO JUNCTION BOX AT HOIST MOTORS (MAKE CONNECTION)

NOTE:
 RANGE LIGHTS ON SEPARATE CIRCUIT. BRIDGE LIGHTS & FLOODLIGHTS ON TOWERS TO BE ON SAME CIRCUIT.

USE SEAL FLEX CONNECTION FOR COND. WITH 3" LOOP AT MOVABLE RAMP. ALL FIXTURES BEYOND THIS POINT SHALL BE WATERPROOF FITTINGS.

SCHMATIC-BRIDGE LIGHTING

ELECTRICAL WORK SEAWARD FROM THIS POINT TO BE PAID FOR UNDER ITEM 603(2).

ELECTRICAL WORK TO THIS POINT TO BE PAID FOR UNDER ITEM 603(1).

2-#10 T.W. 1" COND.

G.E. L-54 OR EQUAL WITH 500WATT FLOODLIGHTS

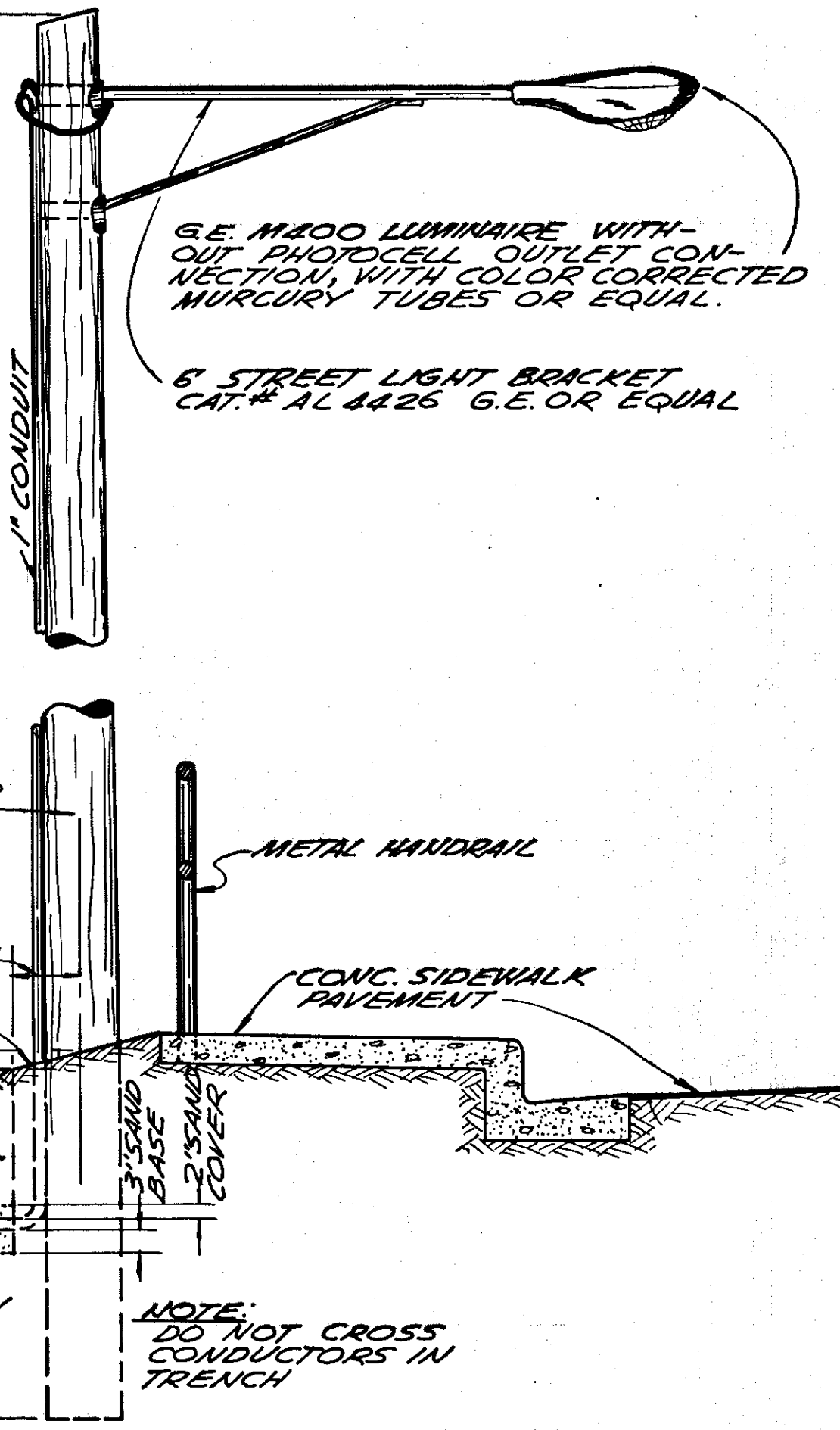
3/4" CONDUIT

3/4" RIGID CONDUIT

KILLARK WASD-2-200 OR EQUAL DOME LIGHT

PLAN
 1" = 20'

TYPICAL SECTION
 NOT TO SCALE



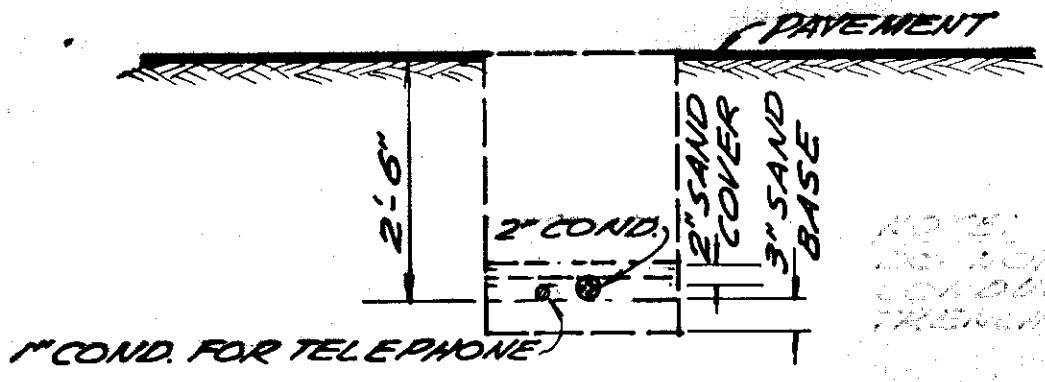
G.E. M400 LUMINAIRE WITHOUT PHOTOCELL OUTLET CONNECTION, WITH COLOR CORRECTED MERCURY TUBES OR EQUAL.

6" STREET LIGHT BRACKET CAT. # AL 4426 G.E. OR EQUAL

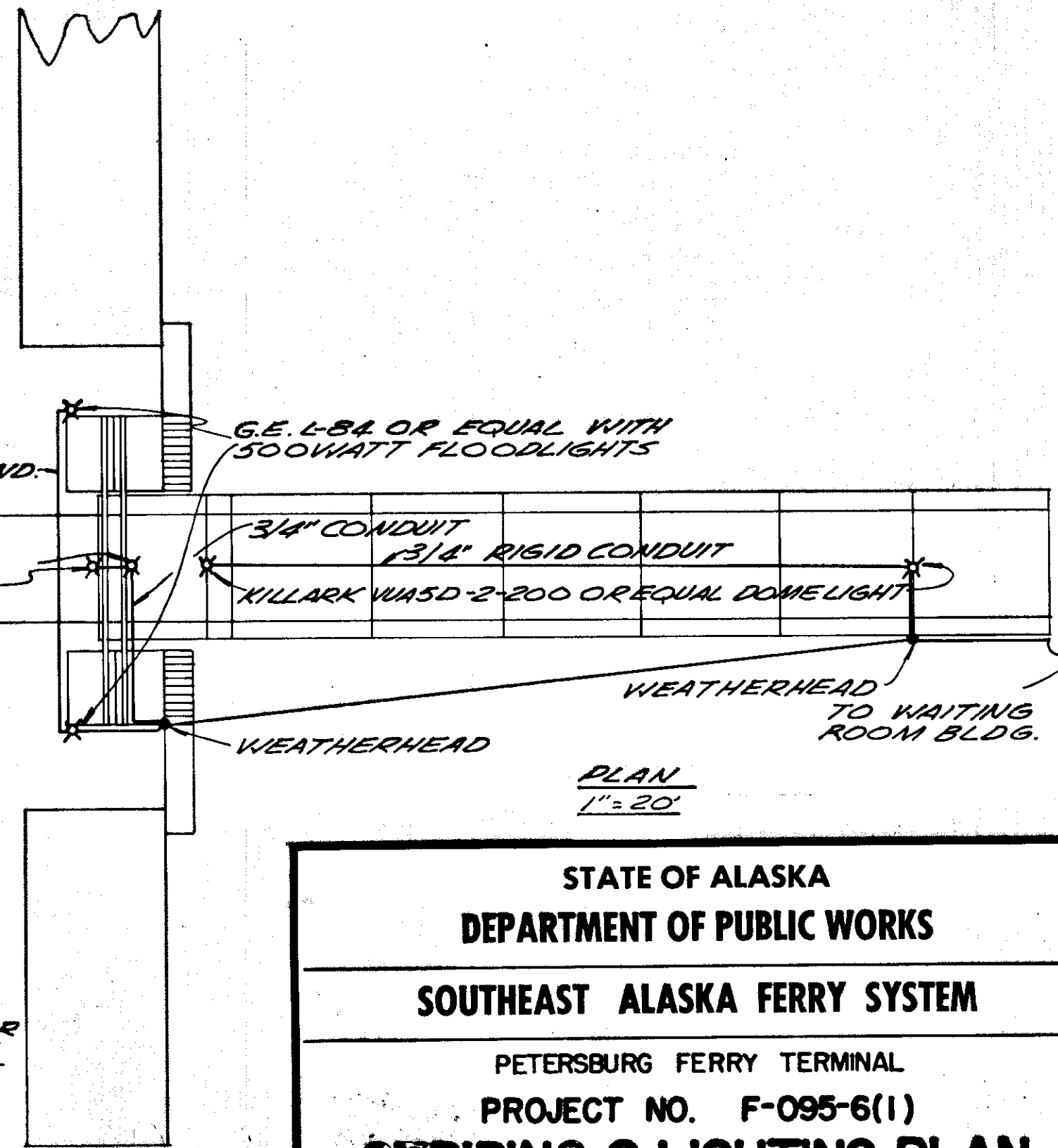
METAL HANDRAIL

CONC. SIDEWALK PAVEMENT

NOTE:
 DO NOT CROSS CONDUCTORS IN TRENCH



SECTION A-A
 NOT TO SCALE



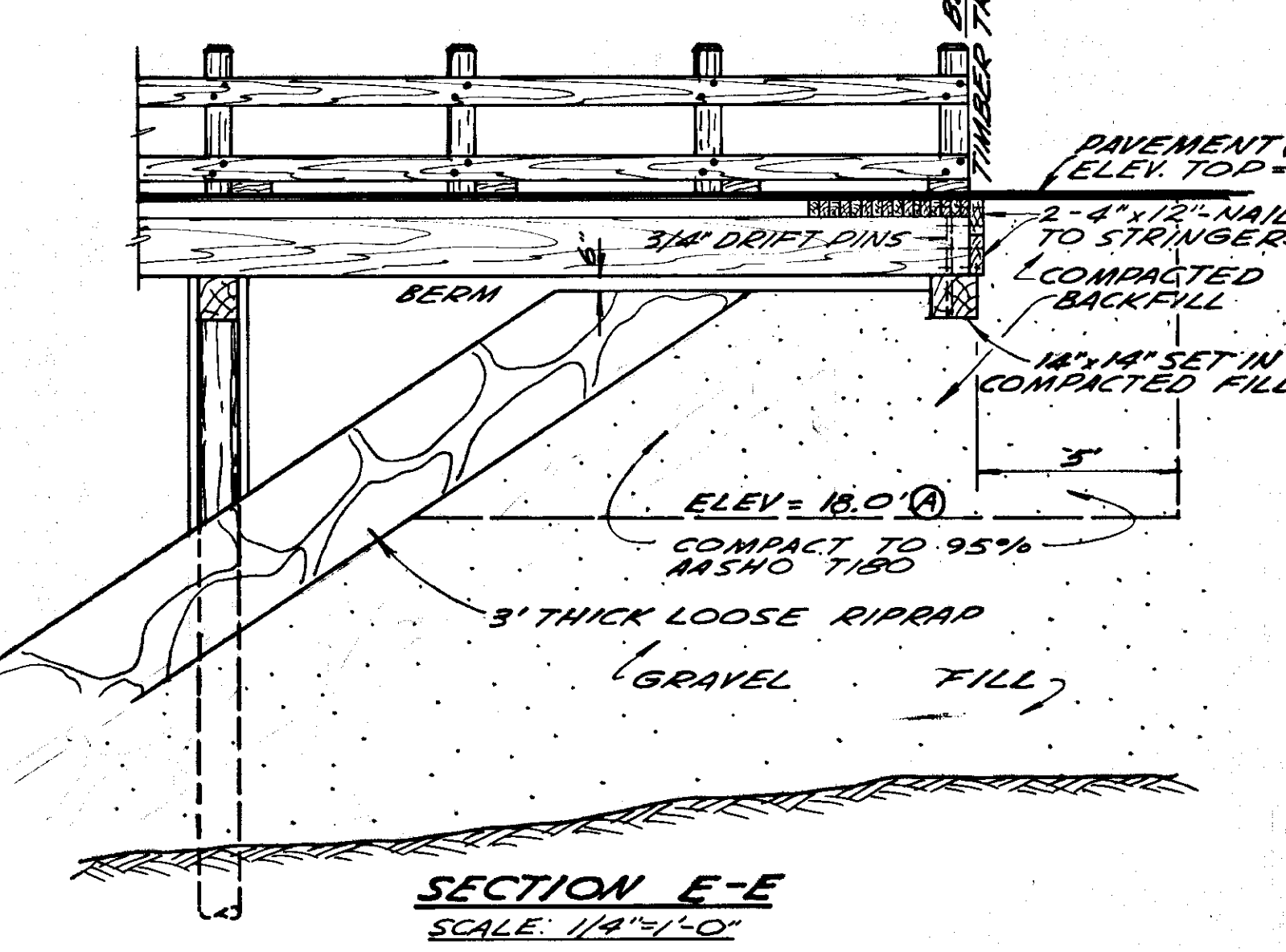
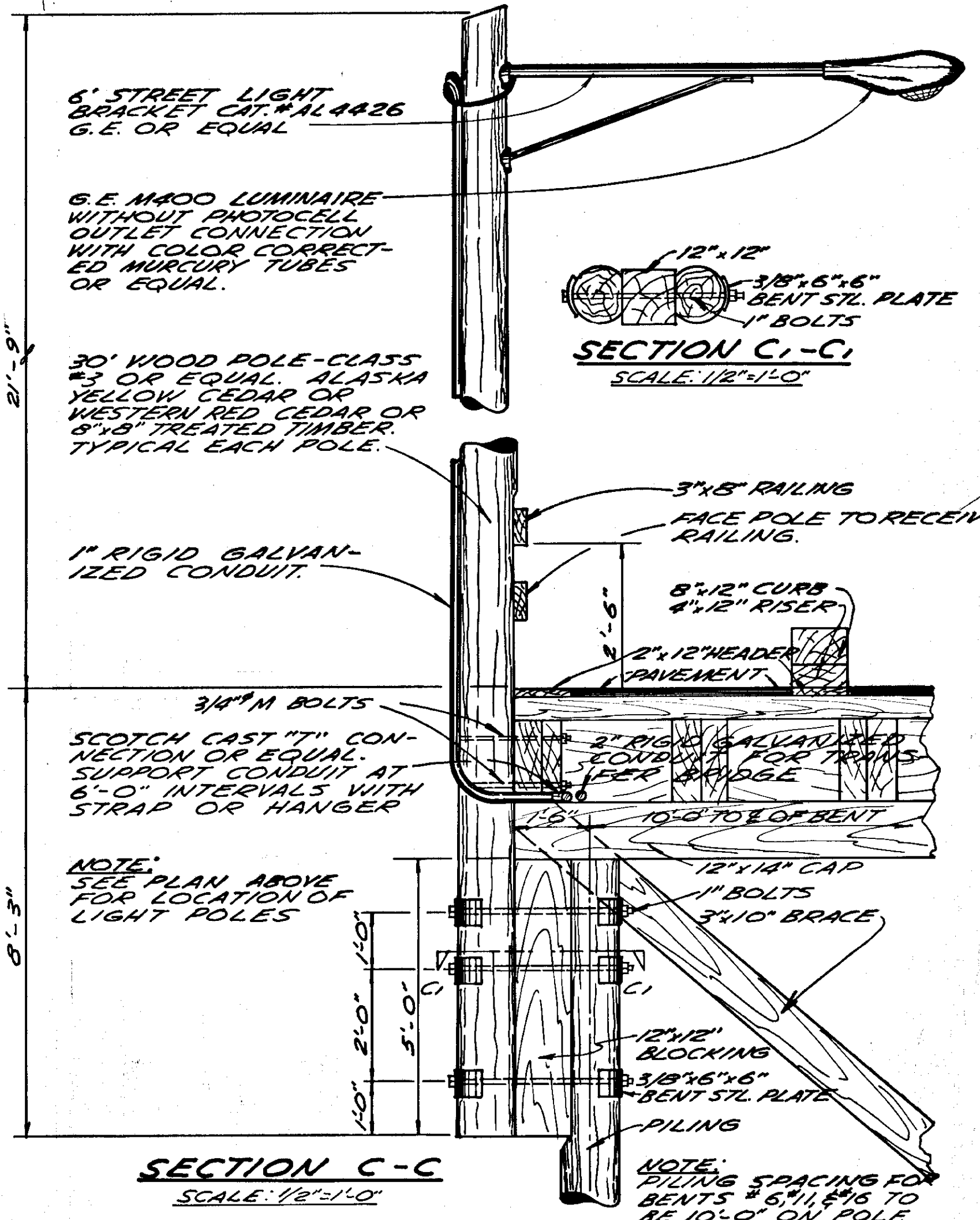
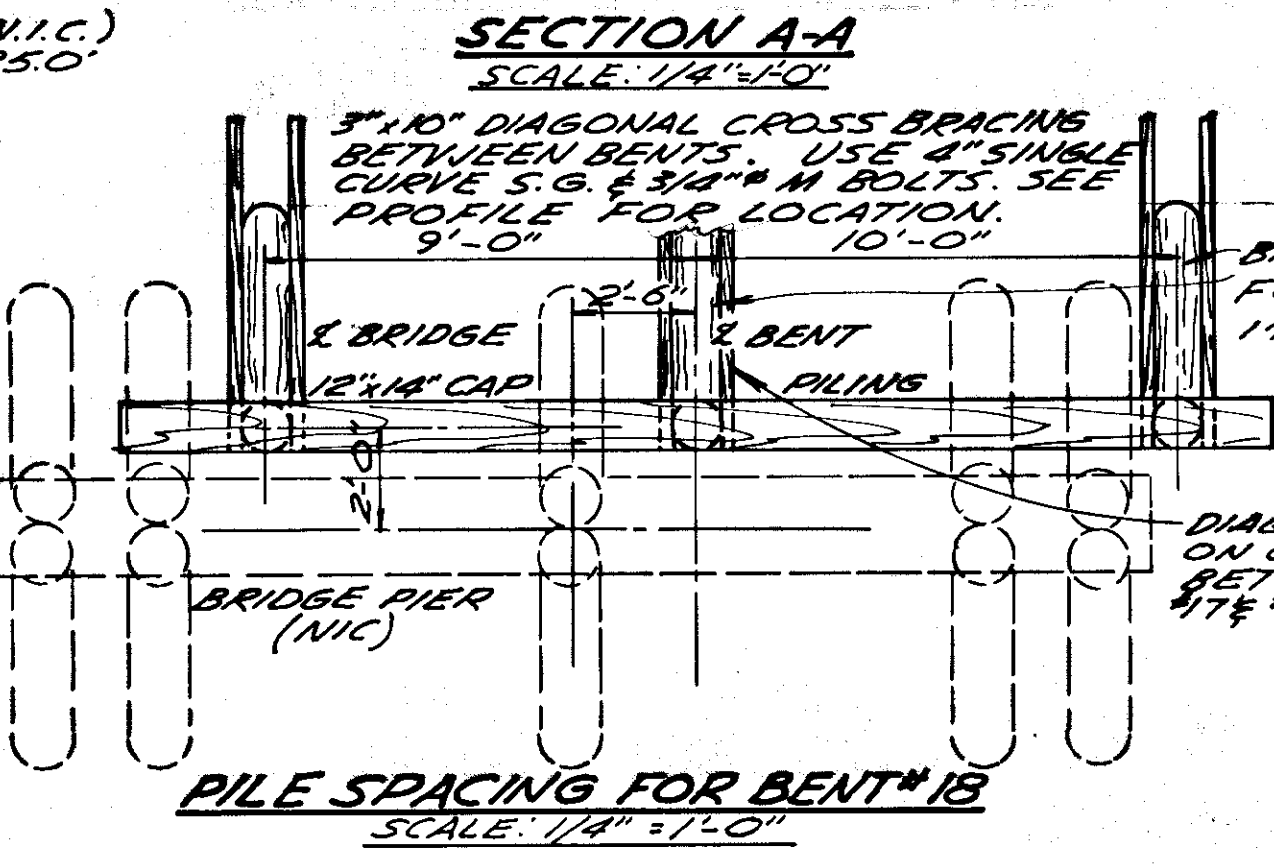
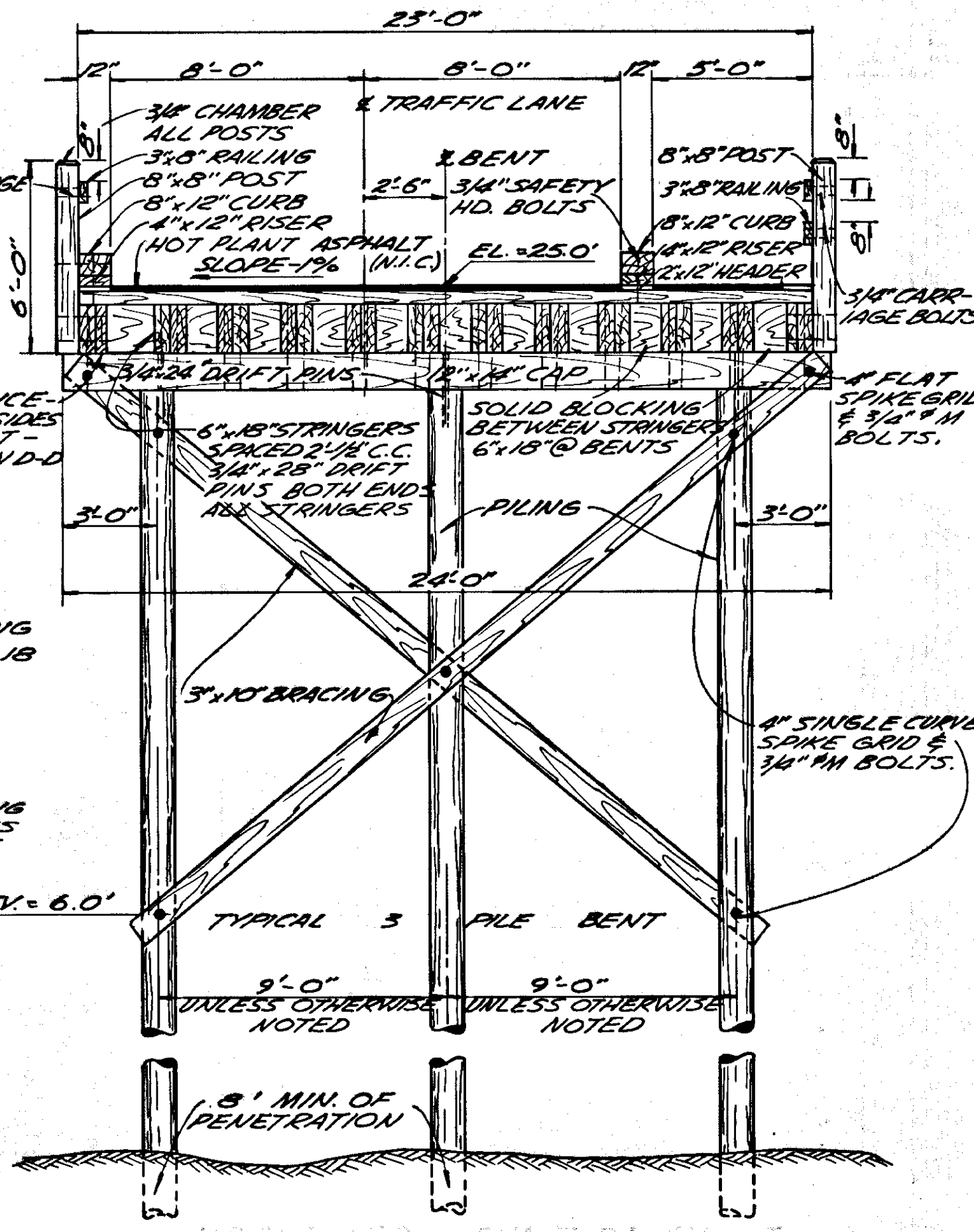
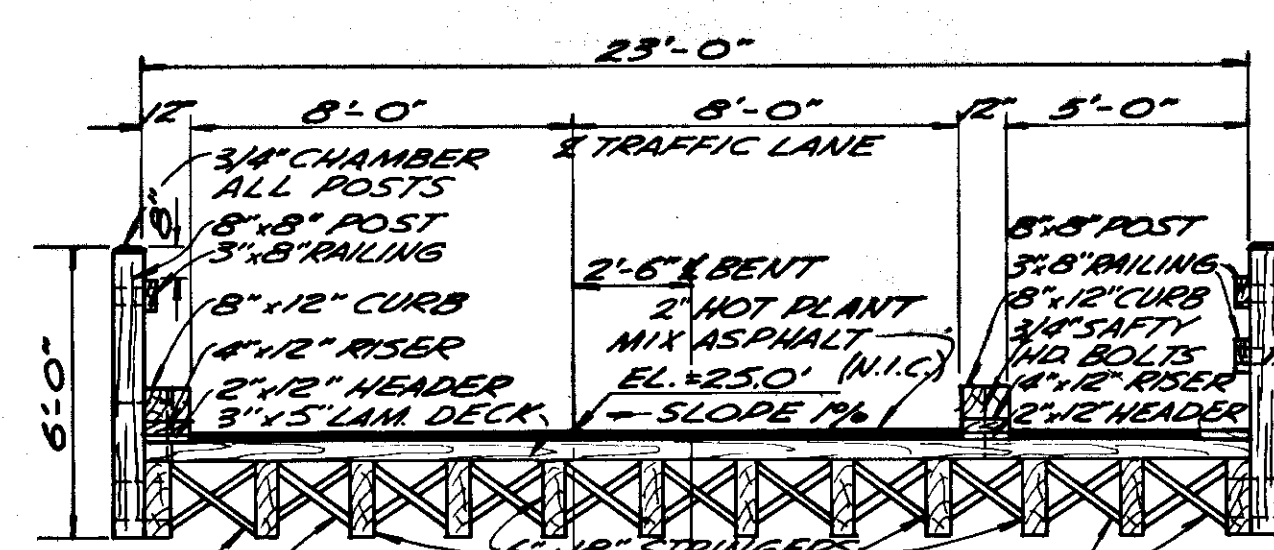
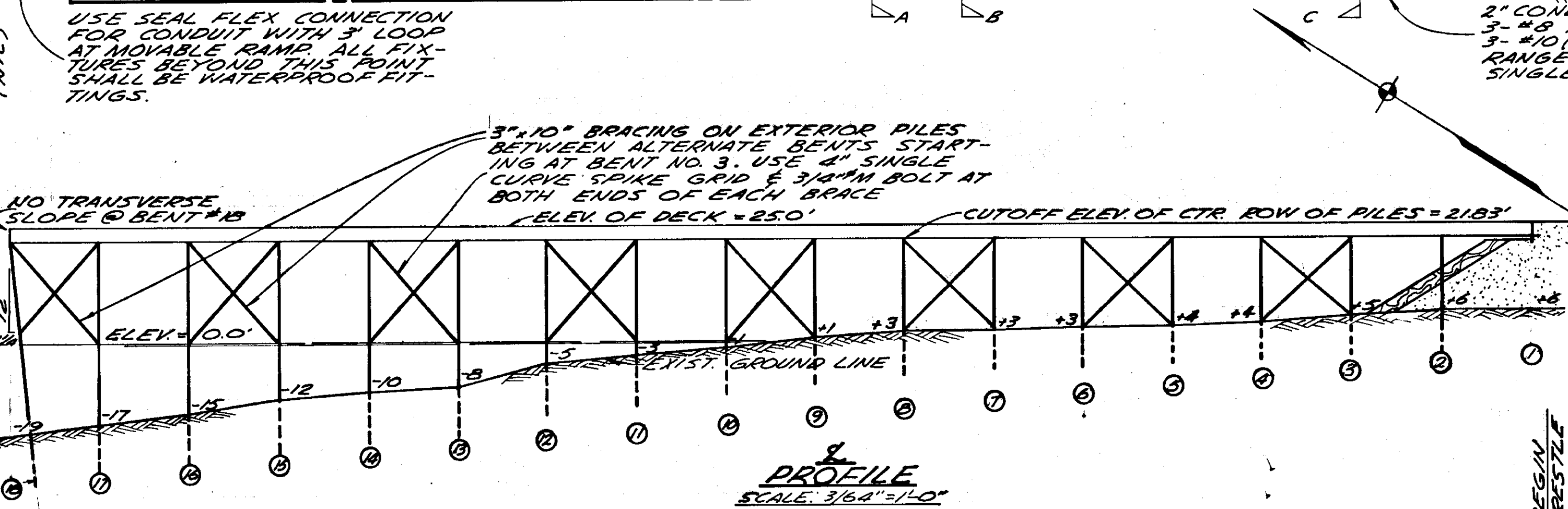
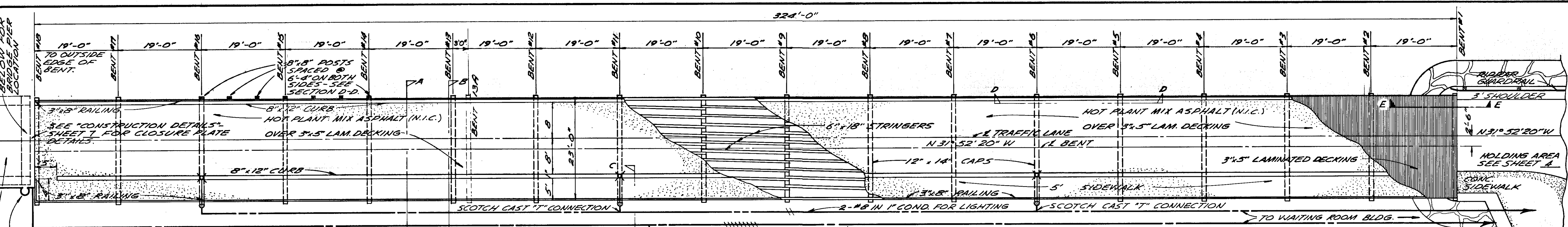
STATE OF ALASKA
 DEPARTMENT OF PUBLIC WORKS
 SOUTHEAST ALASKA FERRY SYSTEM
 PETERSBURG FERRY TERMINAL
 PROJECT NO. F-095-6(1)
STRIPING & LIGHTING PLAN
 Scale: As Noted Sheet 5 of 14
 TONER & NORDLING Registered Engineers Juneau

STRIPING & LIGHTING PLAN
 SCALE: 1" = 20'

EXIST. P.P.

MITKOF HIGHWAY

ELEVATION 1" = 20'



- GENERAL NOTES**
- SPECIFICATIONS:** BRIDGE DESIGN IN ACCORDANCE WITH A.A. SHO. STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGE CONSTRUCTION (120-516-44 LOADING). UNLESS OTHERWISE NOTED OR SHOWN ON THE PLANS, THE UNITED STATES DEPARTMENT OF COMMERCE STANDARD SPECIFICATIONS FOR CONSTRUCTION OF ROADS & BRIDGES NO. FP-57 SHALL APPLY.
 - LUMBER:** ALL LUMBER SHALL BE CONSTRUCTION GRADE COAST REGION DOUGLAS FIR (FIT00) GRADED ACCORDING TO PARAGRAPH 123B OR 124B OF THE WEST COAST LUMBERMAN'S ASSN. ALL LUMBER SHALL BE ROUGH EXCEPT POSTS, RAILS & DECKING WHICH SHALL BE S4S, S4S & S1E RESPECTIVELY.
 - HARDWARE:** ALL BOLTS UNLESS OTHERWISE NOTED ARE TO BE STANDARD MACHINE BOLTS WITH HEX HEADS & HEX NUTS. ALL MACHINE BOLTS SHALL BE INSTALLED WITH OGBE WASHERS. ALL HARDWARE SHALL BE GALVANIZED OR MADE OF NONCORROSIIVE METAL.
 - TREATMENT:** ALL LUMBER EXCEPT RAILS SHALL BE TREATED WITH COAL-TAR CREOSOTE PRESERVATIVE IN ACCORDANCE WITH THE SPECIFICATIONS. RAILS SHALL RECEIVE THREE COATS OF WHITE LEAD PAINT.
 - PILING:** ALL PILES SHALL CONFORM TO A.S.T.M. CLASS DESIGNATION D 25-38 FOR CLASS B PILES TREATED WITH COAL-TAR CREOSOTE PER SPECIFICATIONS.

REVISIONS	
Date	Description
7/13/62	(1)

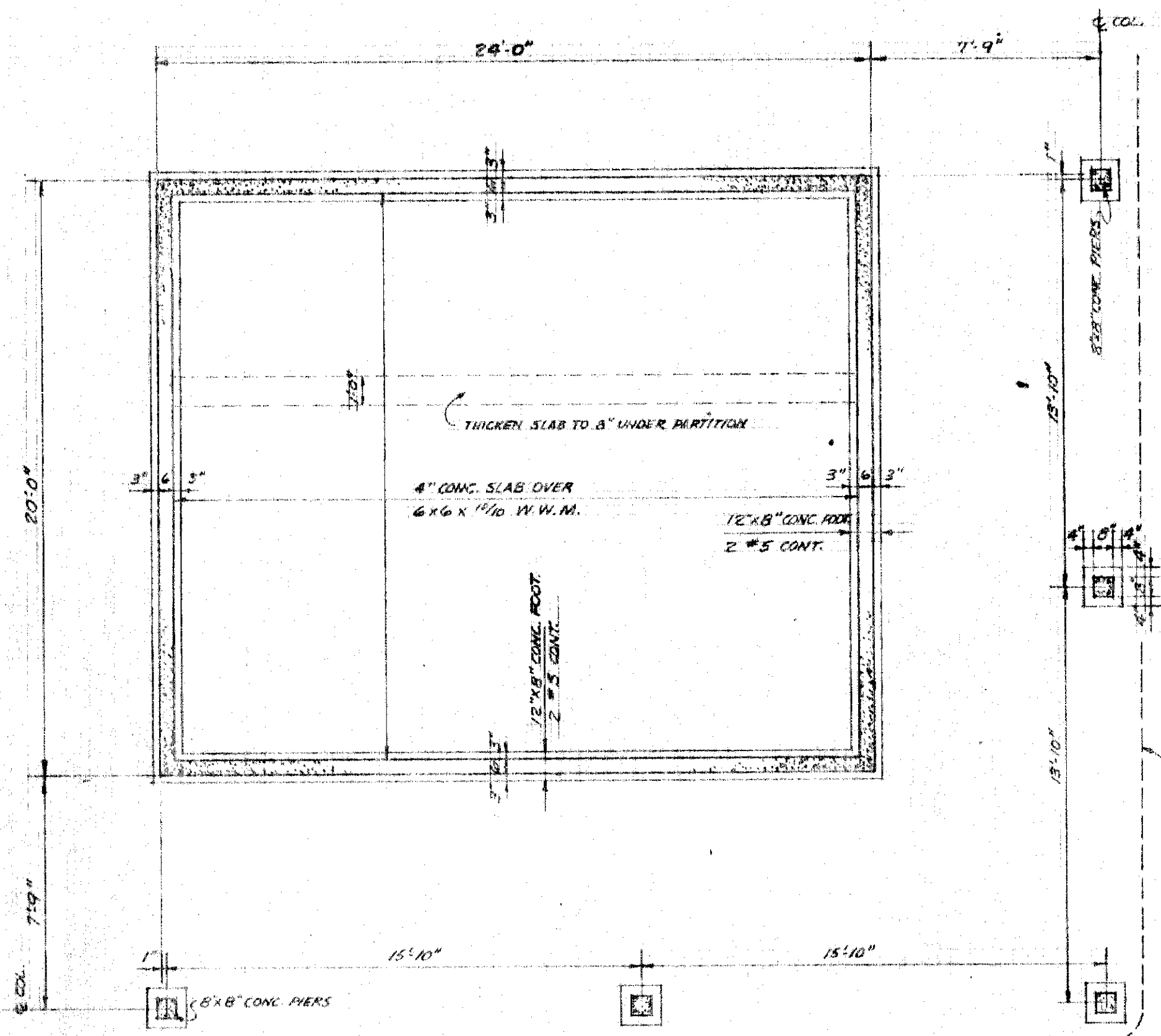
STATE OF ALASKA
DEPARTMENT OF PUBLIC WORKS

SOUTHEAST ALASKA FERRY SYSTEM

PETERSBURG FERRY TERMINAL
PROJECT NO. F-095-6(1)
**TIMBER TRETTLE
APPROACH STRUCTURE**

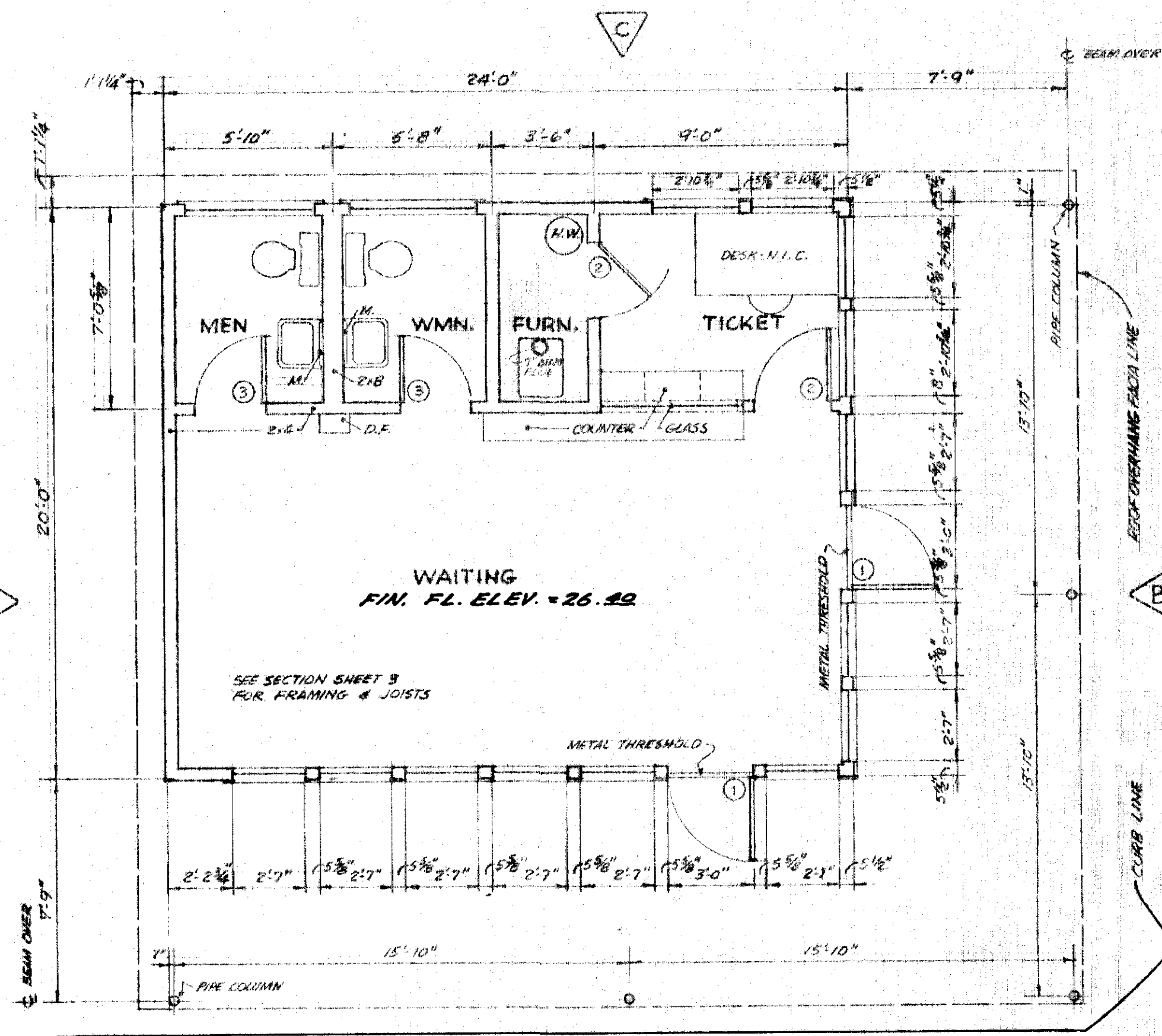
Scale: As Noted Sheet 6... of 11...

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FOUNDATION PLAN

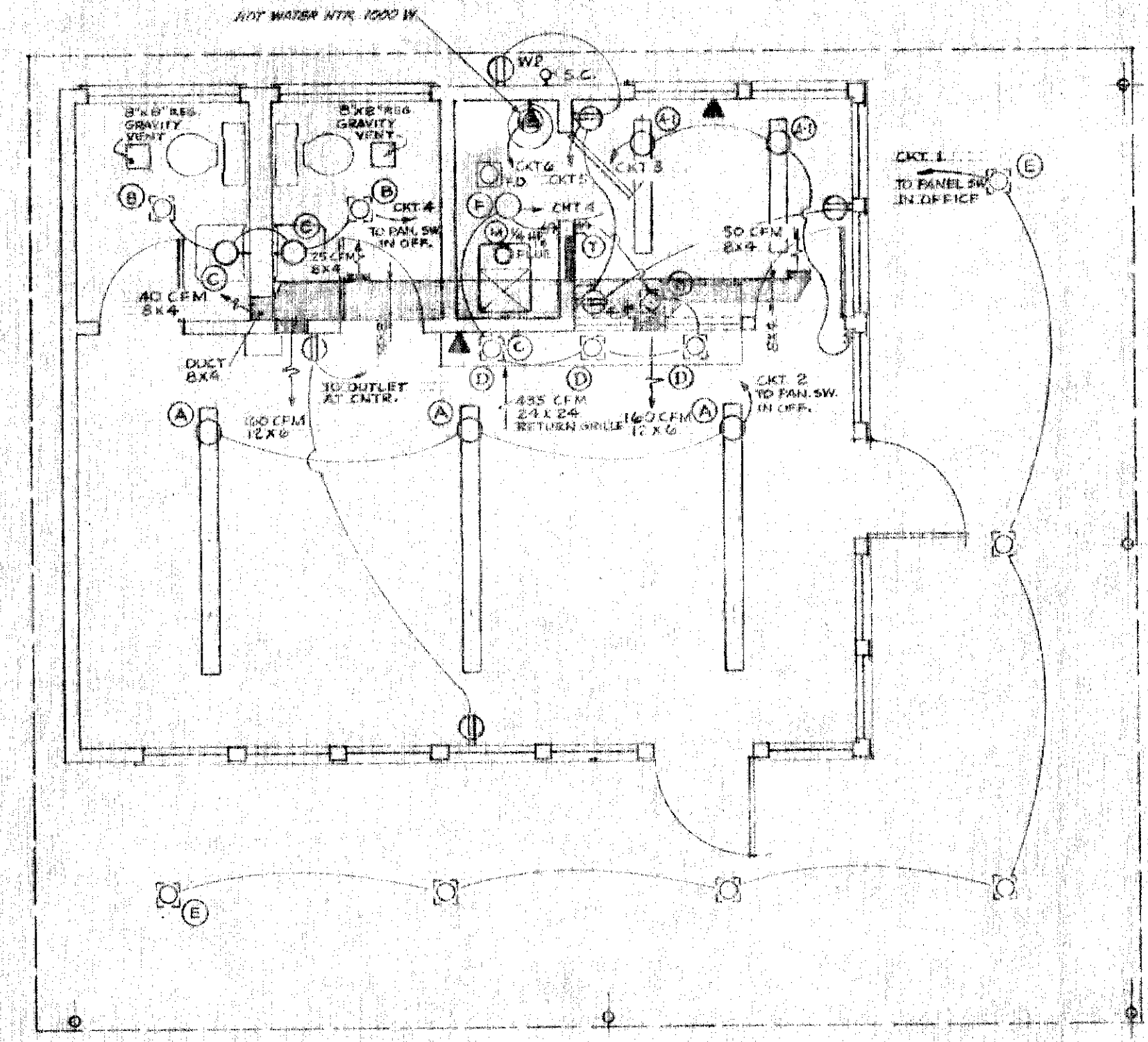
SCALE 1/4" = 1'-0"



FLOOR PLAN

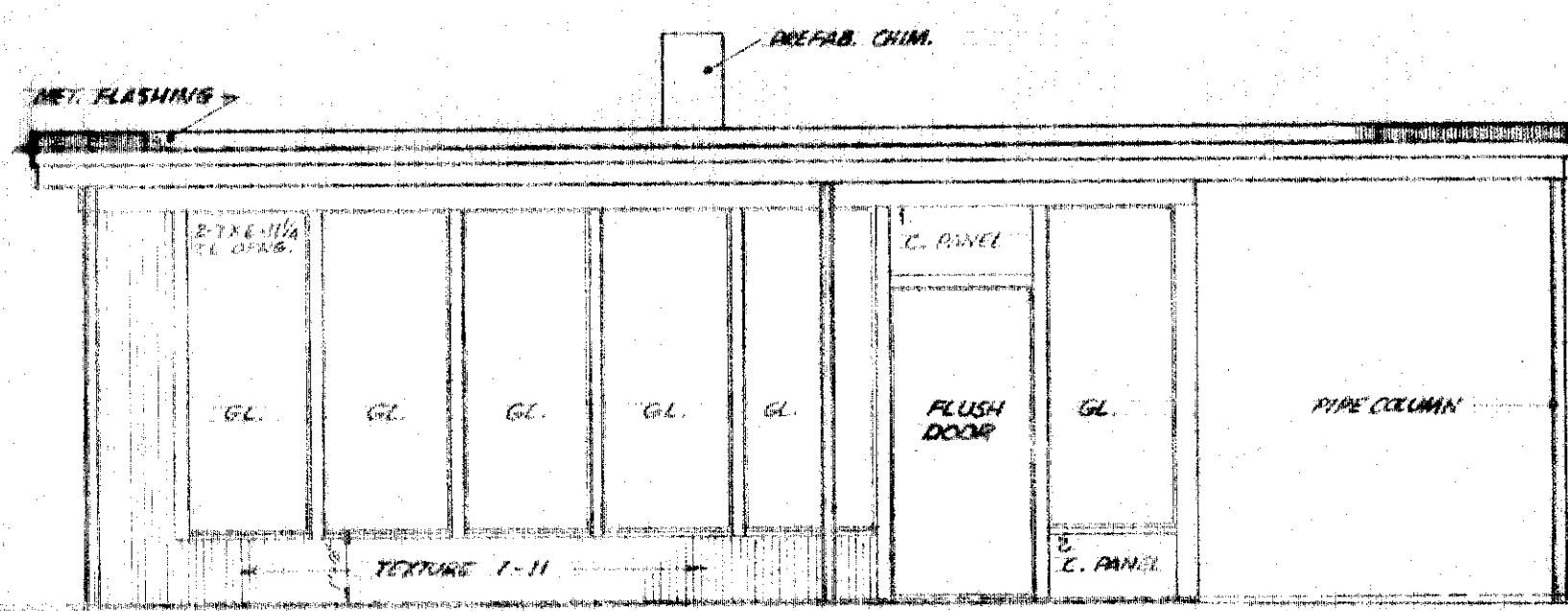
SCALE 1/4" = 1'-0"

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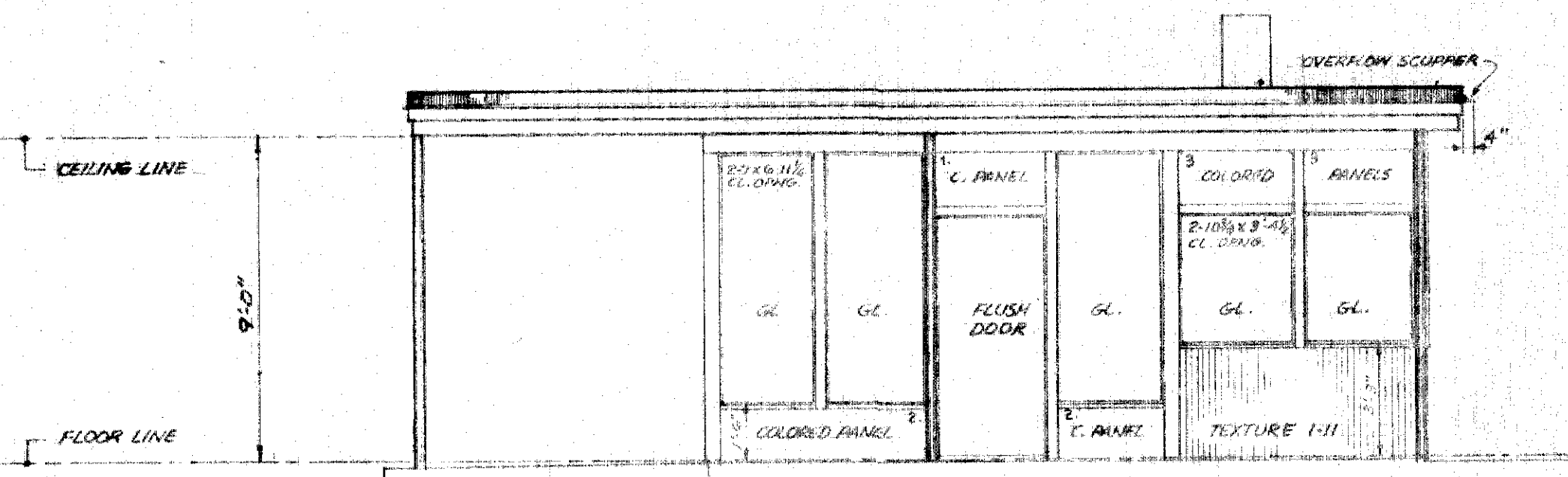
MECHANICAL & ELECTRICAL PLAN

SCALE 1/4" = 1'-0"



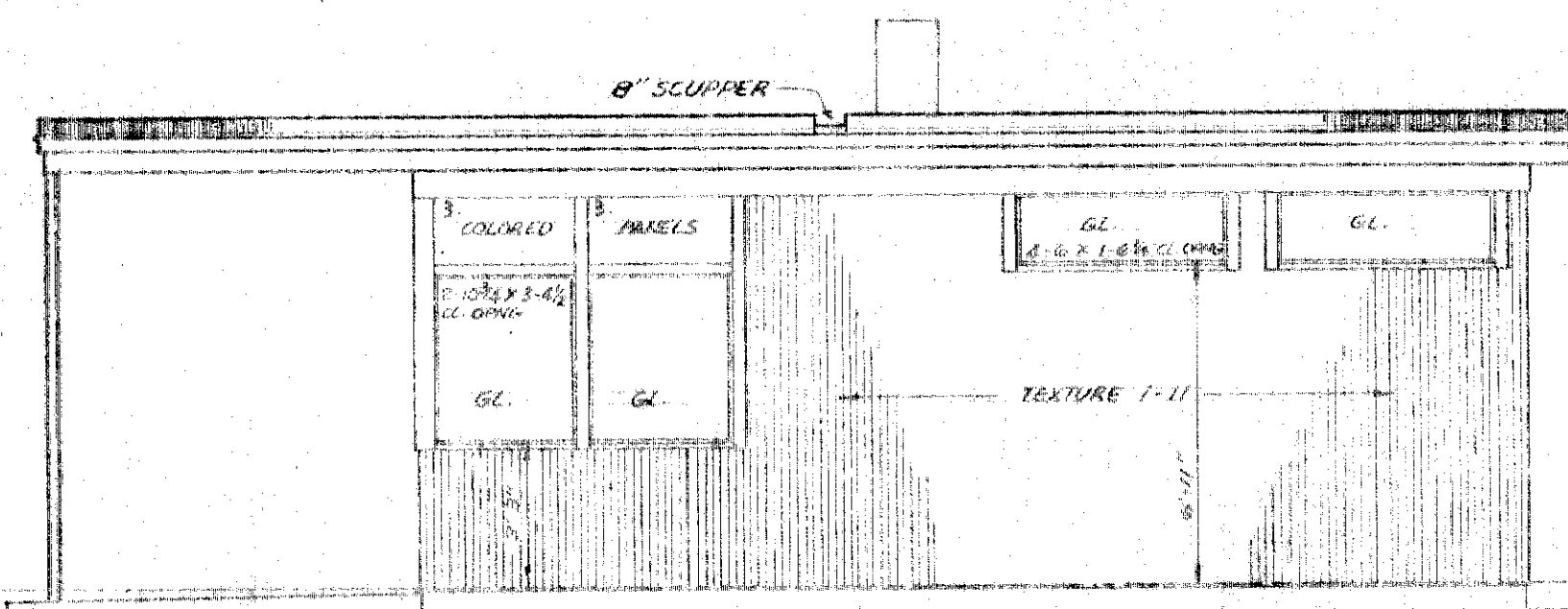
ELEVATION "A"

SCALE 1/4" = 1'-0"



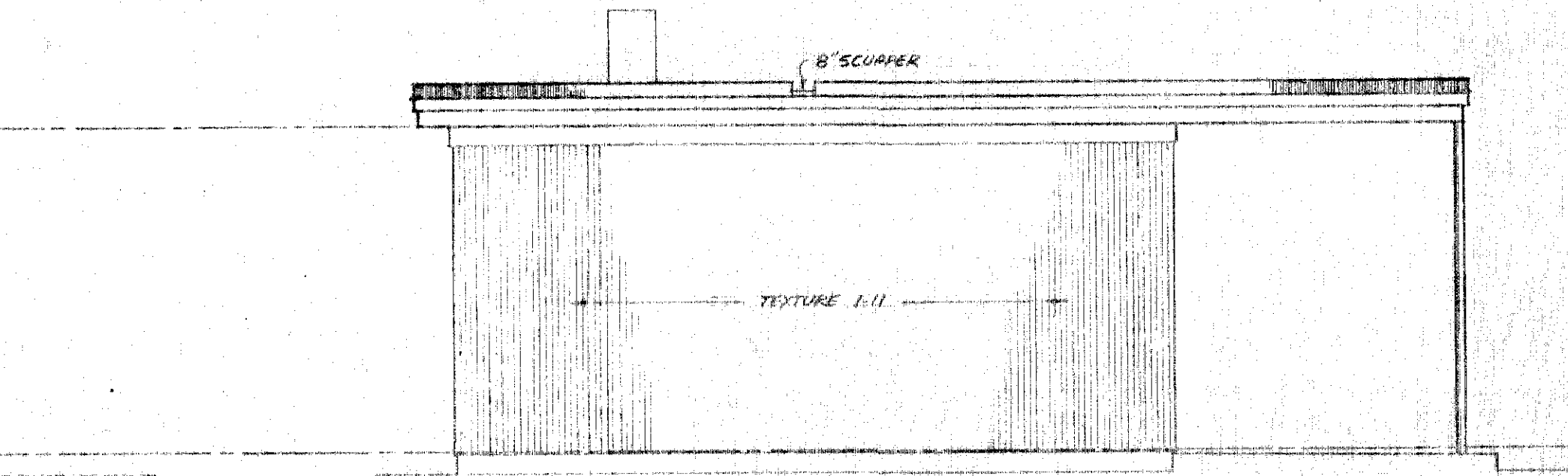
ELEVATION "B"

SCALE 1/4" = 1'-0"



ELEVATION "C"

SCALE 1/4" = 1'-0"



ELEVATION "D"

SCALE 1/4" = 1'-0"

ROOM FINISH SCHEDULE				
SPACE	SURFACE	MATERIAL	FINISH	COLOR
WAITING	FLOOR	VINYL ASB.		MATCO MARBLEIZED 8030
	CEILING	ACOUST. TILE		
	WALLS	GYP. BD.	PAINT	PRESERV. PAINT CO. C-256 FROST
	WAINSCOT	PL. FIN. HDDB.		MARLITE C-19 PARCHMENT
	TRIM	MET. & WD.	PAINT	GEN. PAINT 3912 BURNT UMBER
BASE	RUBBER		BLACK	
TICKET	FLOOR	VINYL ASB.		MATCO MARBLEIZED 8030
	CEILING	ACOUST. TILE		
	WALLS	GYP. BD.	PAINT	PRESERV. PAINT CO. C-256 FROST
	WAINSCOT	PL. FIN. HDDB.		MARLITE C-19 PARCHMENT
	TRIM	MET. & WD.	PAINT	GEN. PAINT 3912 BURNT UMBER
BASE	RUBBER		BLACK	
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 3912 BURNT UMBER
	BASE	RUBBER		BLACK
TOILETS	FLOOR	VINYL ASB.		MATCO MARBLEIZED 8030
	CEILING	GYP. BD.	PAINT	PRESERV. PAINT CO. C-256 FROST
	WALLS	PL. FIN. HDDB.		MARLITE C-19 PARCHMENT
	TRIM	METAL	PAINT	GEN. PAINT 3912 BURNT UMBER
	BASE	RUBBER		BLACK
EXTERIOR	SOFFIT	CEM. ASB. BD.	PAINT	WHITE SLIGHTLY TINTED WITH 3916 UMBER
	WALLS	TEXTURE 1-11		OLYMPIC "JANE" WOOD BLEND, 2004S
	PANELS 1	PLY. WD.	PAINT	GEN. PAINT 2882 CASPIAN RED
	PANELS 2	PLY. WD.	PAINT	GEN. PAINT 3936 COPPER-YELLOW W/ FIRST LET DOWN CHIP
	PANELS 3	PLY. WD.	PAINT	3007 PRUSSIAN BLUE
TRIM	WOOD	PAINT	GEN. PAINT 3912 BURNT UMBER	
PIPE COL.	METAL	PAINT	GEN. PAINT 3912 BURNT UMBER	

*1 AREA ABOVE EXTERIOR DOOR FROM METAL TRIM TO HORIZONTAL LINE AT HT. OF ADJACENT WINDOW HEAD METAL TRIM TO BE 2882 CASPIAN RED WALL AREA ABOVE WINDOWS & ABOVE RED AREAS OVER RED AREAS TO BE 3916 BURNT UMBER.
 *2 WALLS TO BE TEXTURE 1-11. ALL INTERIOR TEXTURE 1-11 SURFACES TO BE STAINED "AMGE".
 *3 THE TERM "TRIM" INCLUDES WINDOW SILLS & MULLIONS, HEAD TRIM, FRITZE, 3/8" x 1/2" COVER TRIM, FACIA, TRIMMER TO BE PAINTED 3936 COPPER-YELLOW W/ FIRST LET DOWN CHIP.

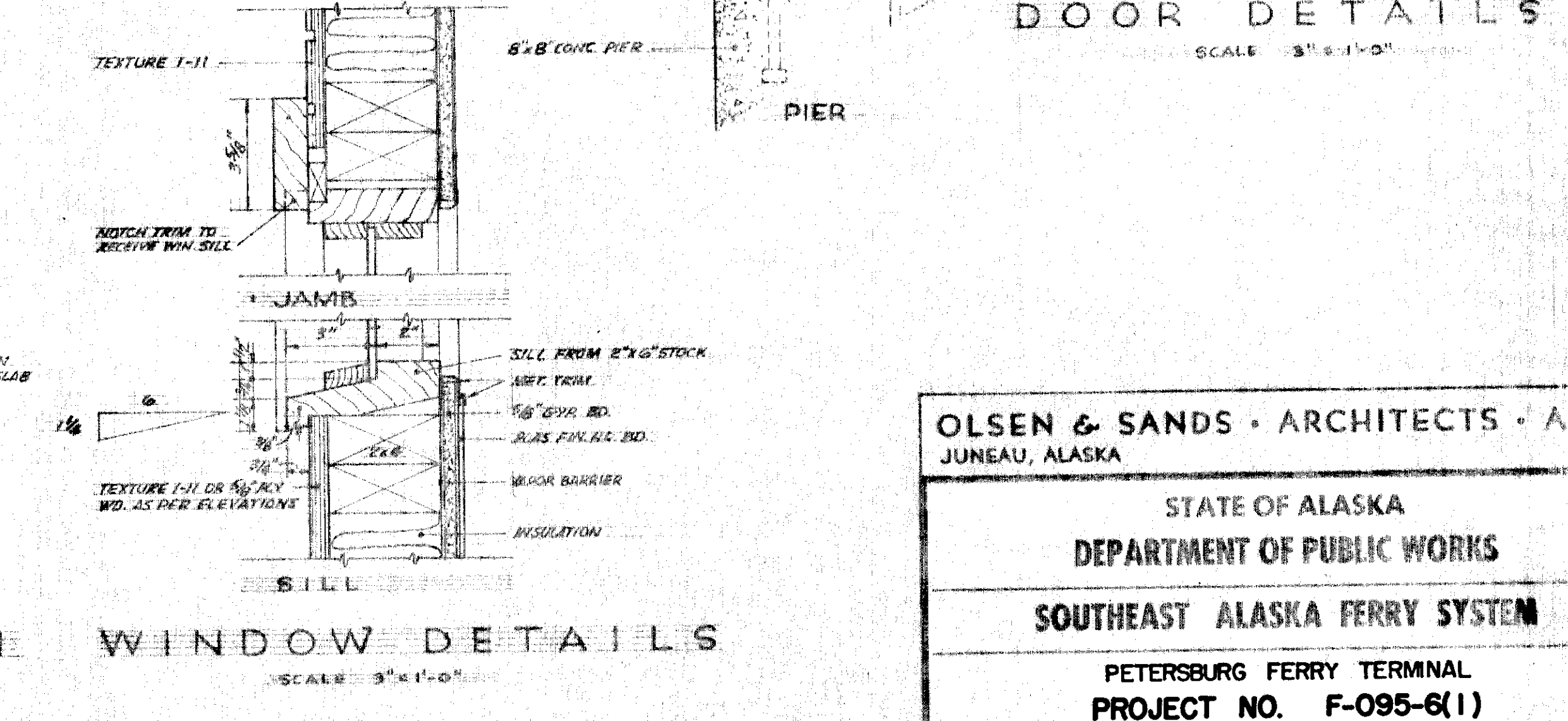
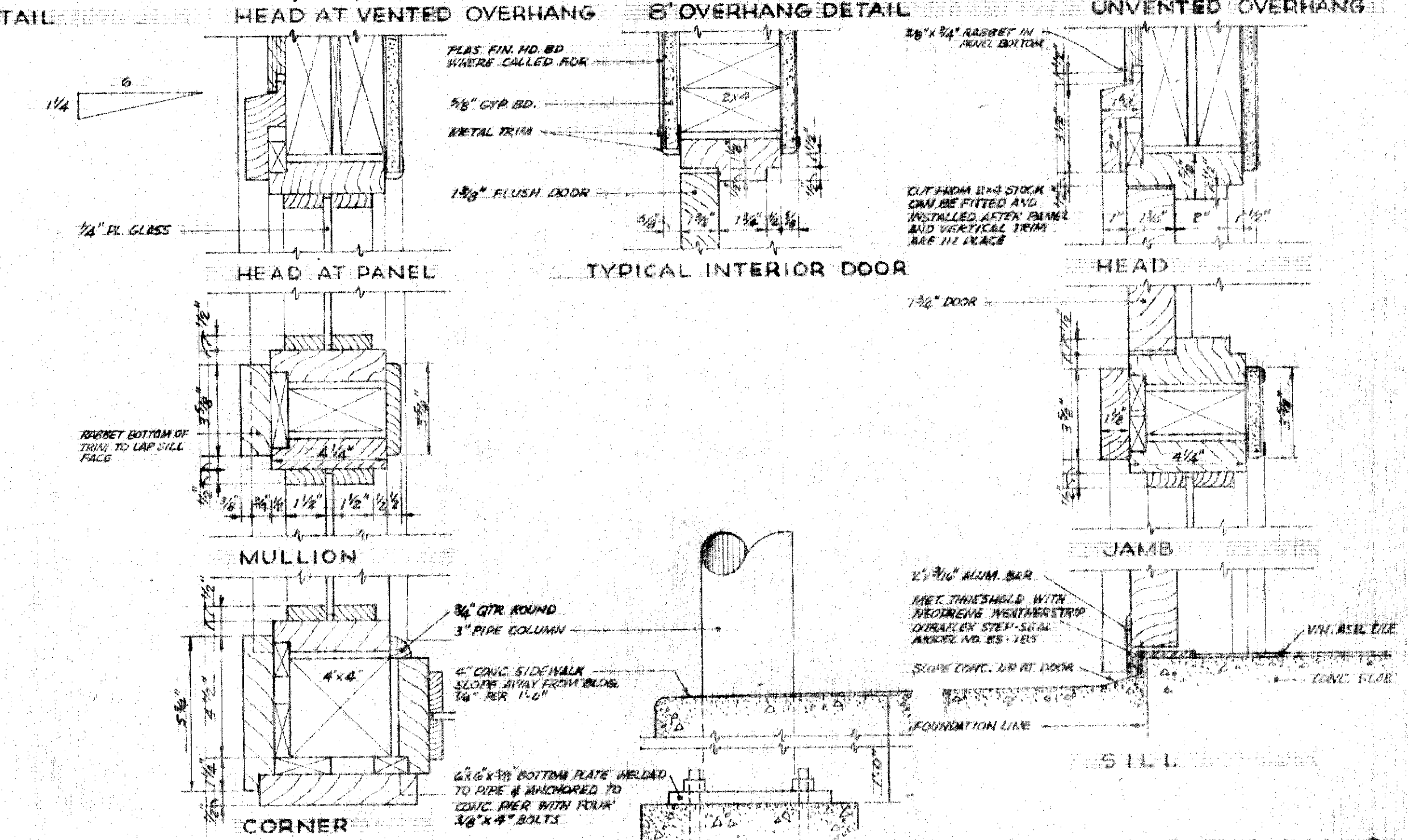
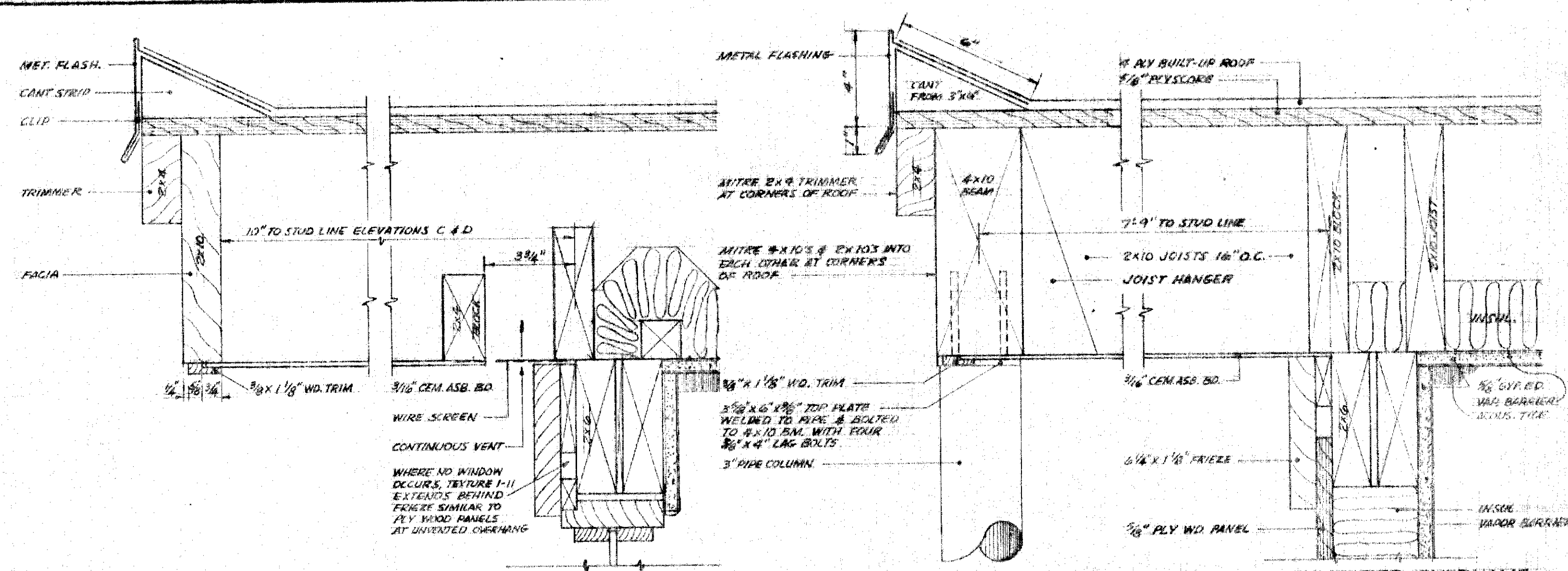
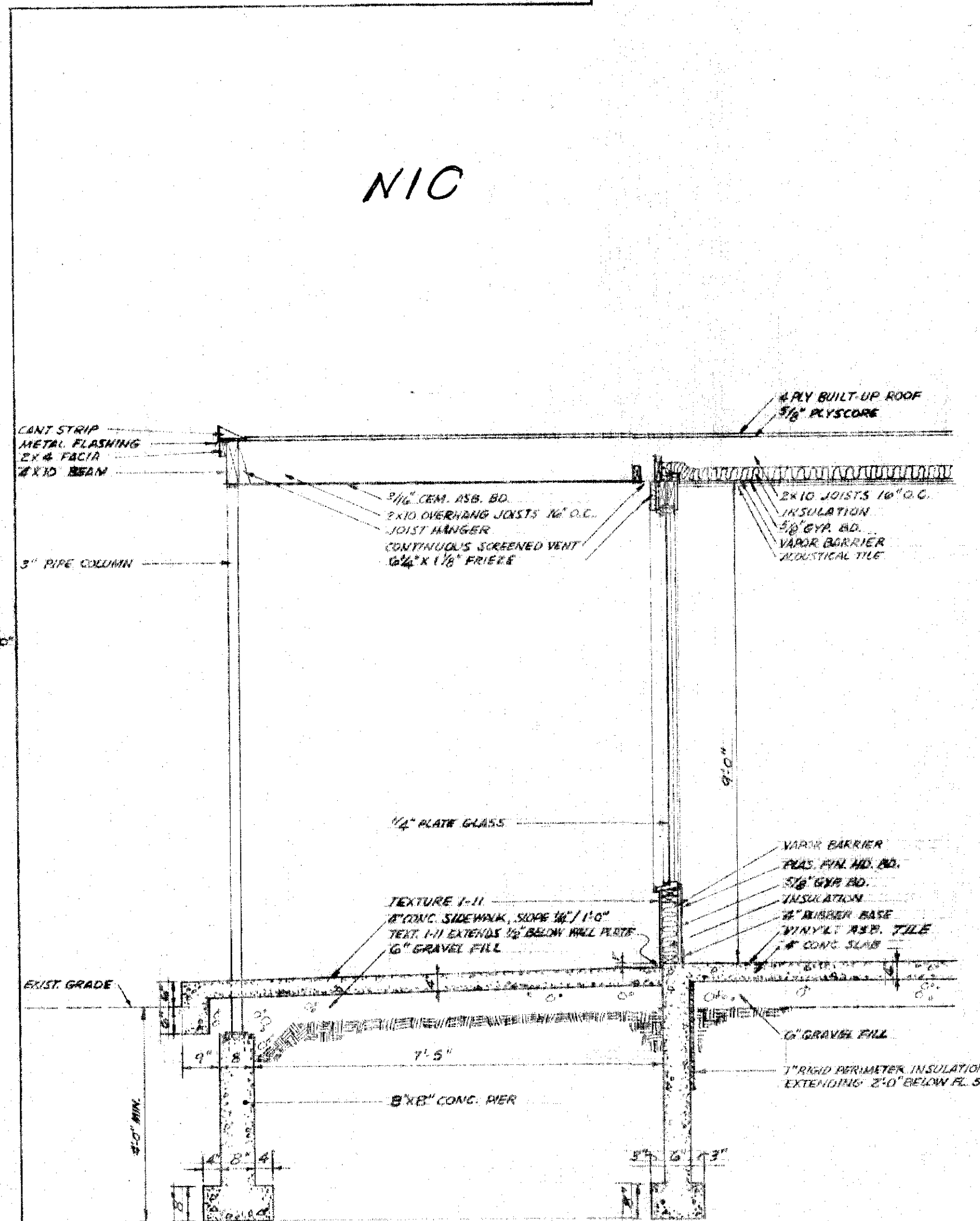
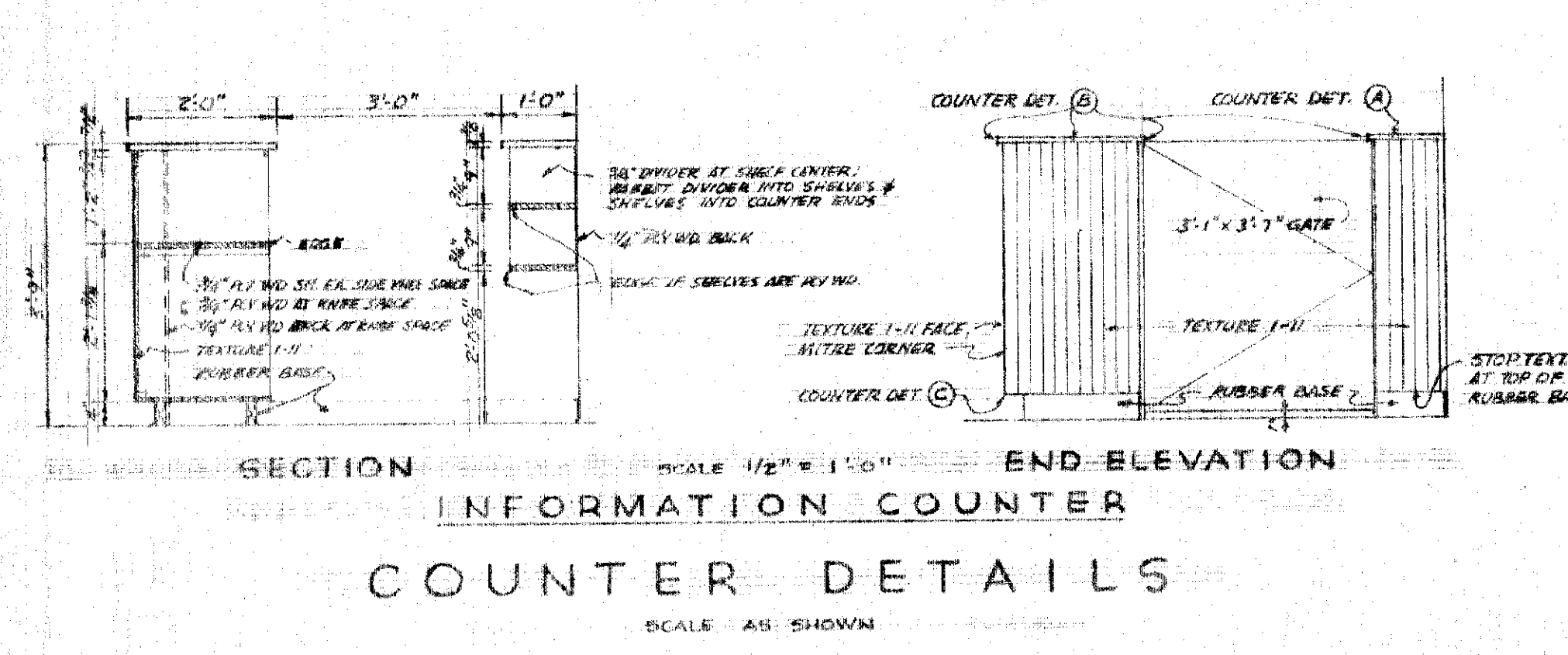
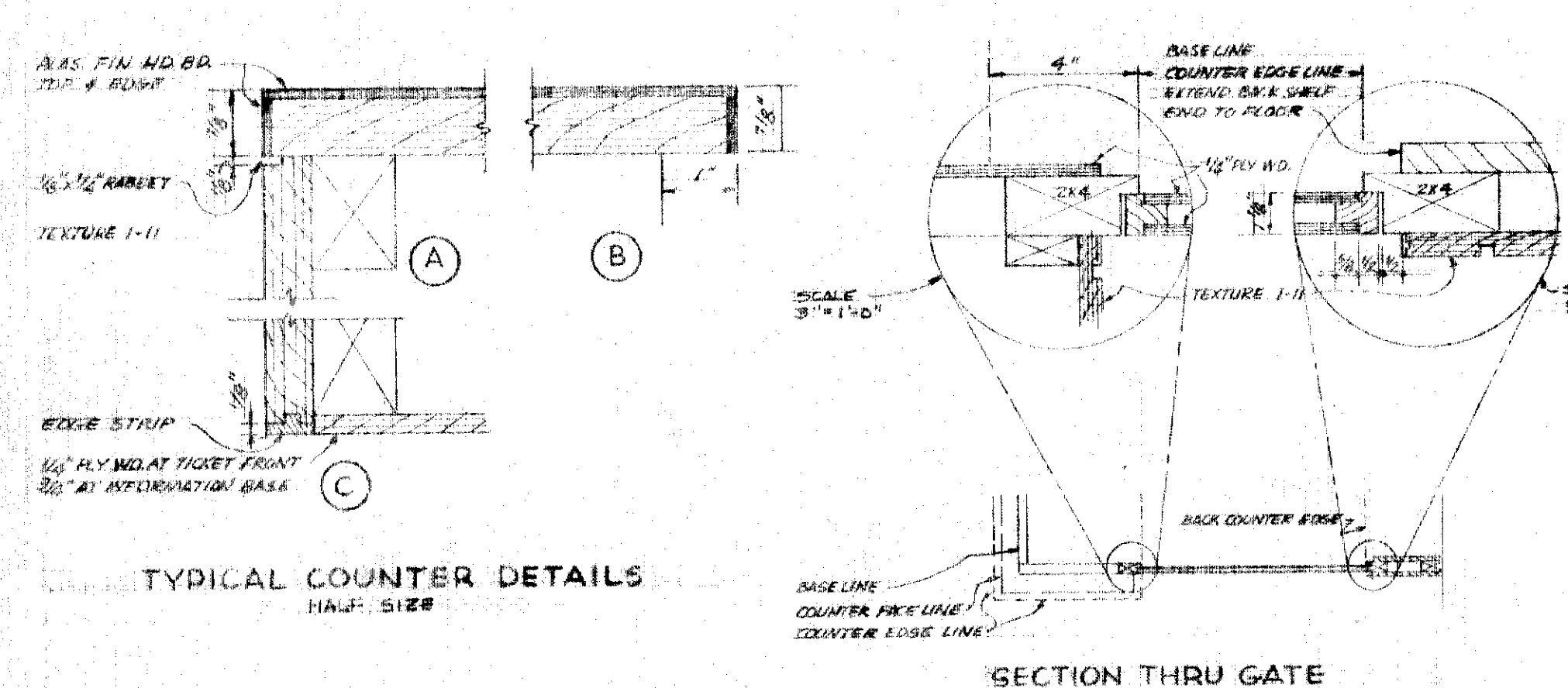
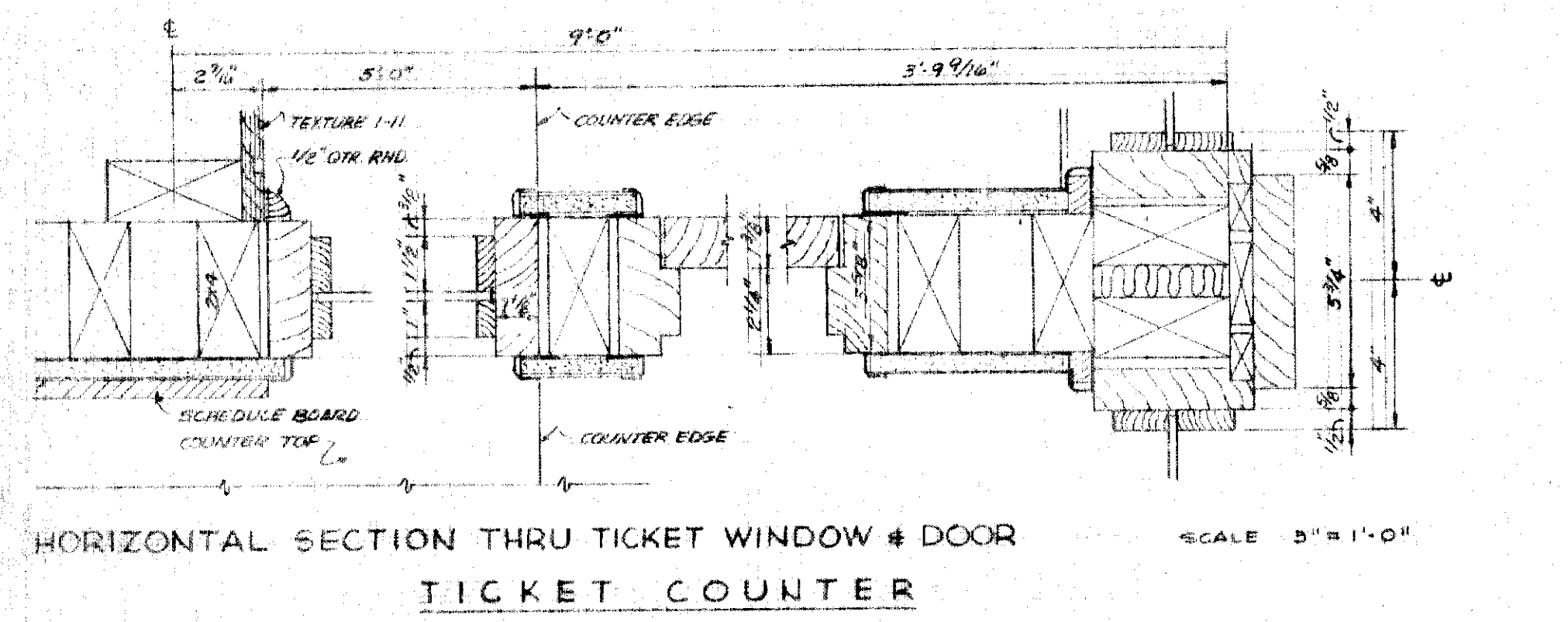
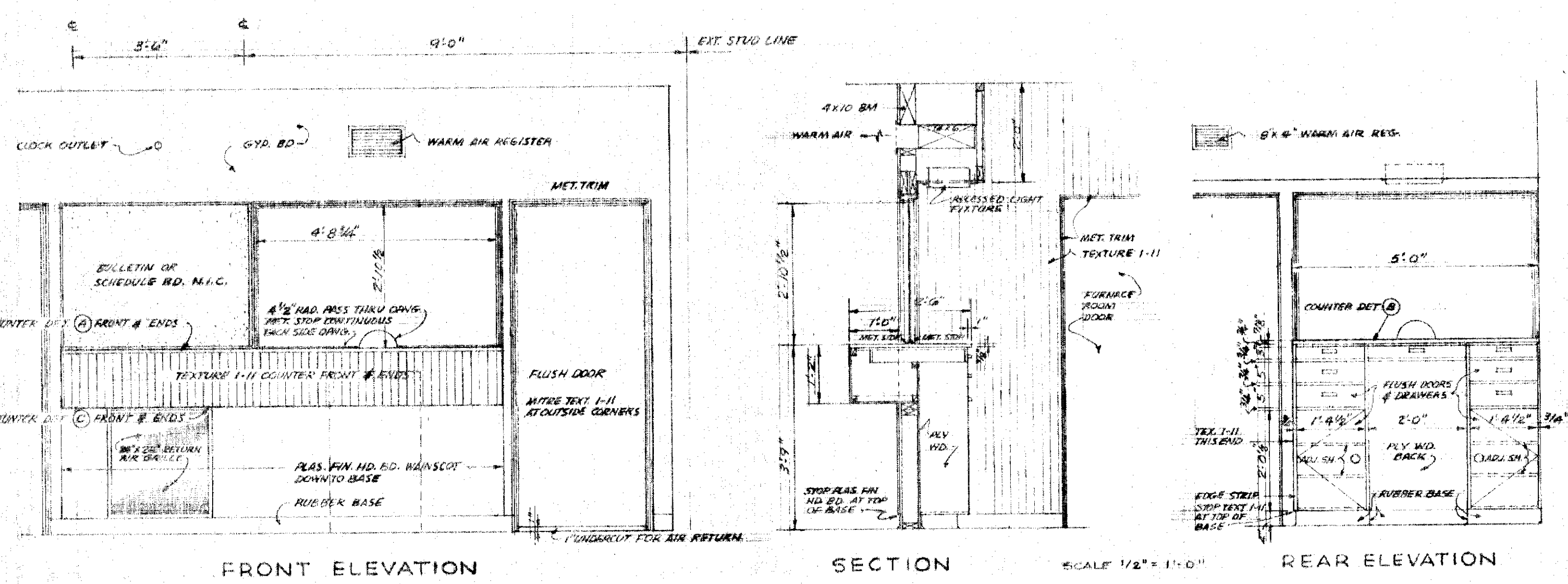
DOOR SCHEDULE	
①	3'-0" x 6'-8" x 1 3/8" SOLID CORE FLUSH BIRCH
②	2'-8" x 6'-8" x 1 3/8" FLUSH BIRCH
③	2'-0" x 6'-8" x 1 3/8" FLUSH BIRCH

ELECTRICAL FIXTURE SCHEDULE	
A	BENJAMIN CT 4144-B, (A) CT 4144-A
B	PRESCOLITE 1015-6315 150 W
C	MOE M 749 60 W
D	PRESCOLITE 300 75 W
E	PRESCOLITE 488-6600 100 W
F	PORCELAIN RECEPTACLE 100 W

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STATE OF ALASKA
DEPARTMENT OF PUBLIC WORKS
SOUTHEAST ALASKA FERRY SYSTEM
PETERSBURG FERRY TERMINAL
PROJECT NO. F-095-6(1)
WAITING RM. BLDG. DETAILS

Scale: As Noted Sheet 8 of 1
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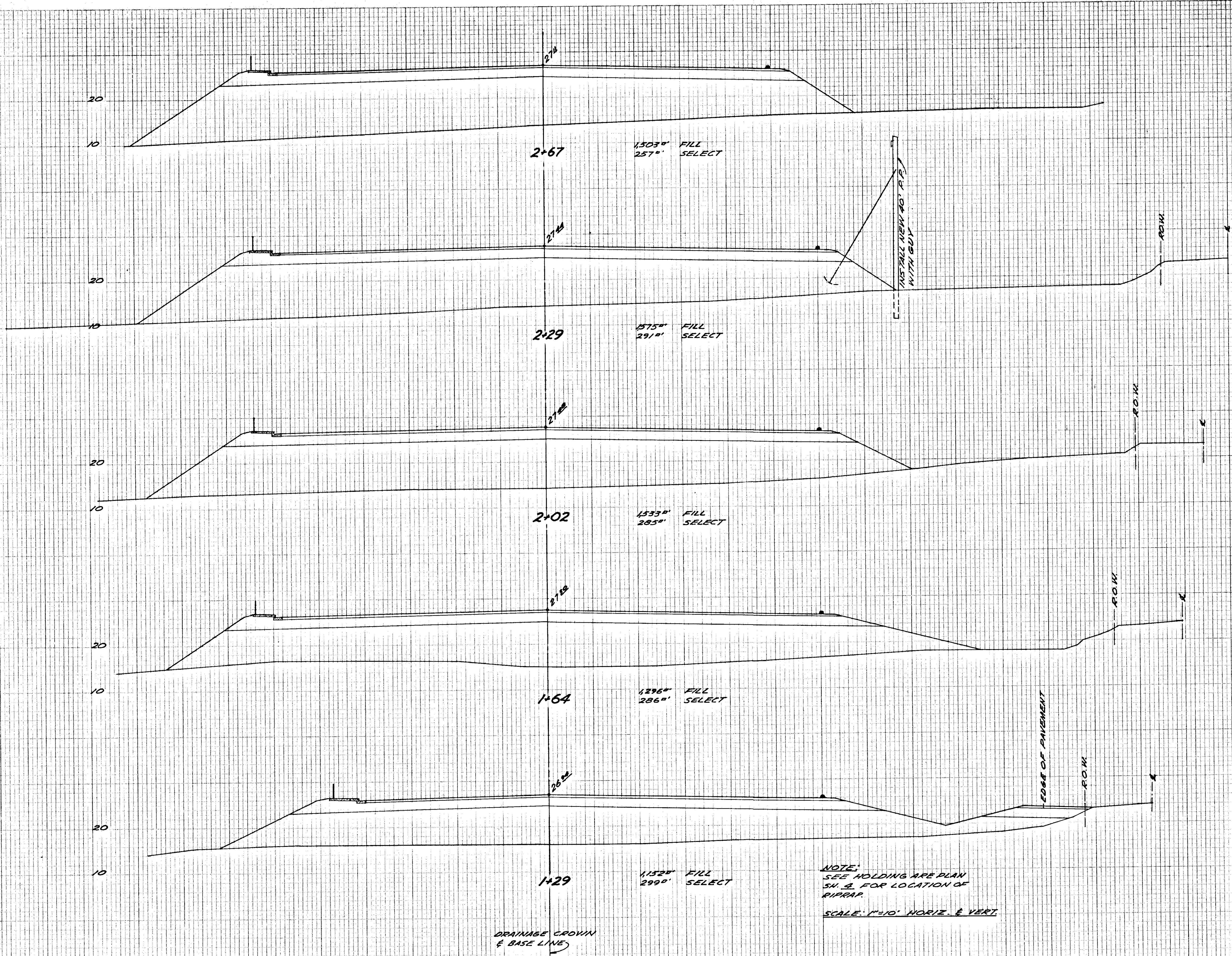
STATE OF ALASKA
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SOUTHEAST ALASKA FERRY SYSTEM

PETERSBURG FERRY TERMINAL
 PROJECT NO. F-095-6(1)
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Scale: As Noted Sheet 9 of 14

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SOUTHEAST ALASKA FERRY SYSTEM

PETERSBURG FERRY TERMINAL
PROJECT NO. F-095-6(1)

CROSS SECTIONS

Scale: As Noted Sheet 11 of 14

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20
10
20
10
20
10
20
10

TOE OF FILL

10.8

3+81

0' FILL
0' SELECT

10.8

3+52

900' FILL
0' SELECT

26.8

3+07

1872' FILL
2440' SELECT

27.8

2+71

1711' FILL
354' SELECT

DRAINAGE CROWN
& BASE LINE

NOTE:
SEE HOLDING AREA PLAN
SH. 4 FOR LOCATION OF
RIPRAP.

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

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CROSS SECTIONS
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