

STATE OF ALASKA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF HIGHWAYS

PROPOSED HIGHWAY PROJECT
NO. F-095-10(1)
SOUTHEAST ALASKA FERRY SYSTEM
TERMINAL FACILITY AT
HAINES, ALASKA

AS-BUILT PLANS

Contractor: _____
Project Engineer: _____
Beginning Date: _____
Completion Date: _____

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	F-095-10(1)	1968	1	11

TYPE OF IMPROVEMENT YO2I

INDEX OF SHEETS

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

DESIGN DESIGNATION

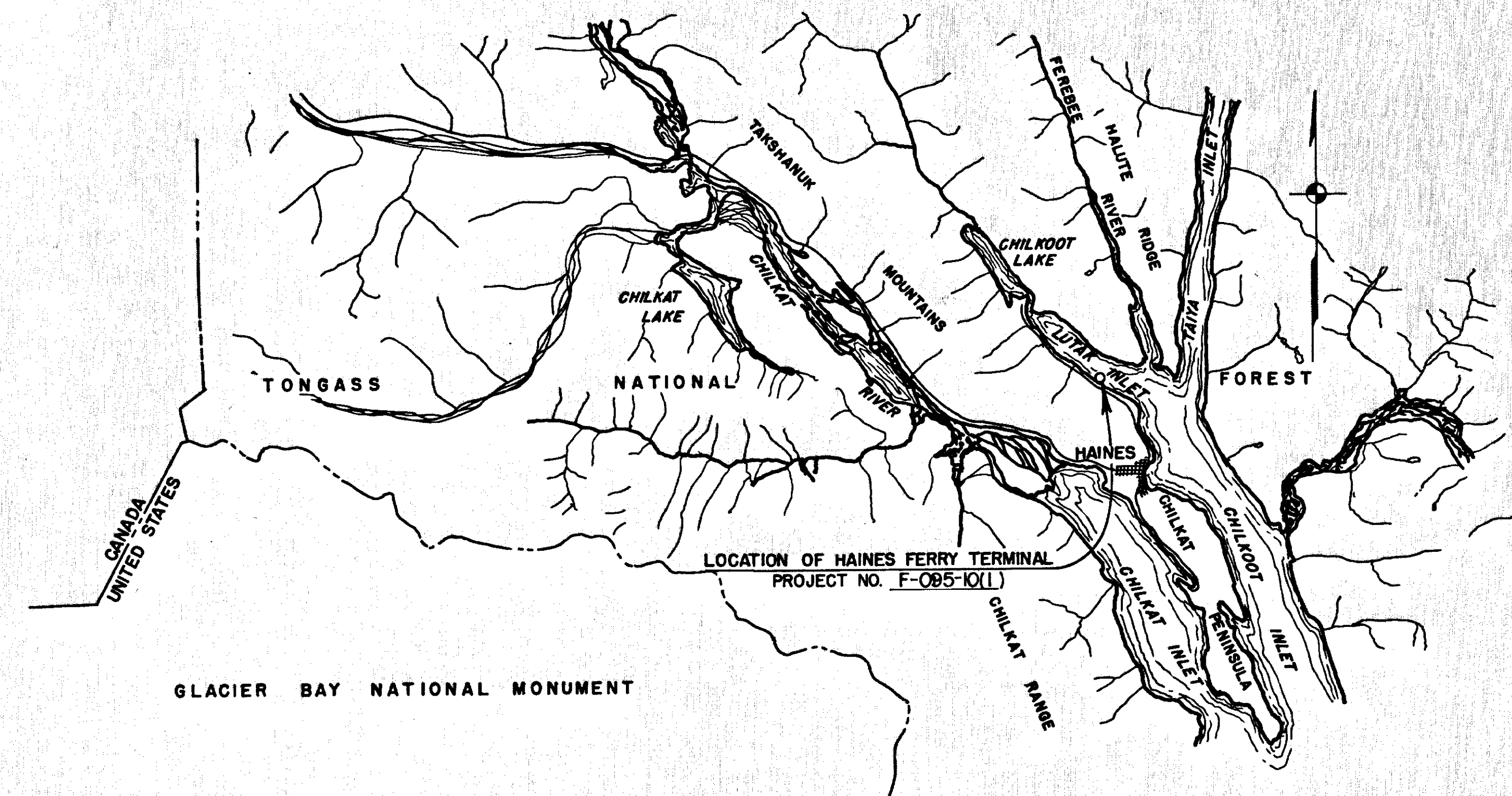
ADT (1962)	=	68
ADT (1982)	=	94
DHV	=	
D	=	
T	=	13%
V	=	

PROJECT SUMMARY

LENGTH OF GRADING	545.36' = 0.103 mi.
LENGTH OF EXCEPTION	0' = 0 mi.
LENGTH OF PROJECT	545.36' = 0.103 mi.

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	—M—M—M—M—M—M—M—M—M—
CULVERT PROPOSED	—C—C—C—C—C—C—C—C—C—
CULVERT EXISTING	—C—C—C—C—C—C—C—C—C—
TRAVELED WAY	—T—T—T—T—T—T—T—T—T—
SEWER LINE	—S—S—S—S—S—S—S—S—S—



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

APPROVED: *B. B. Sullivan* Date: 6/25/68

STATE OF ALASKA
DEPARTMENT OF HIGHWAYS

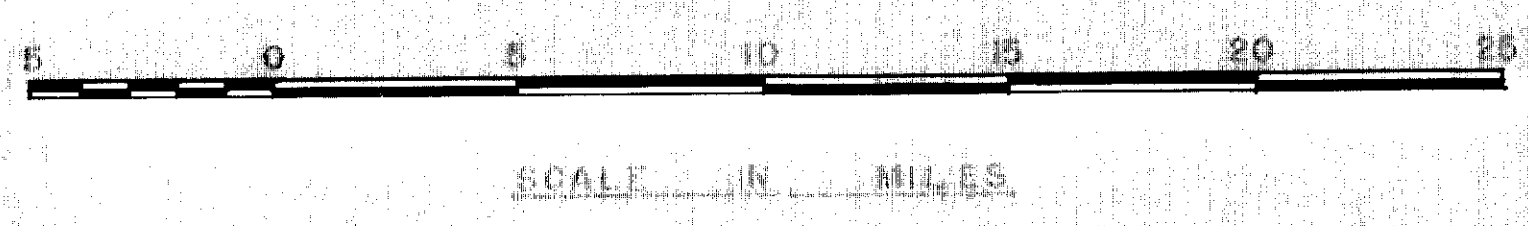
APPROVED: *James* Date: 6/26/68
COMMISSIONER OF HIGHWAYS

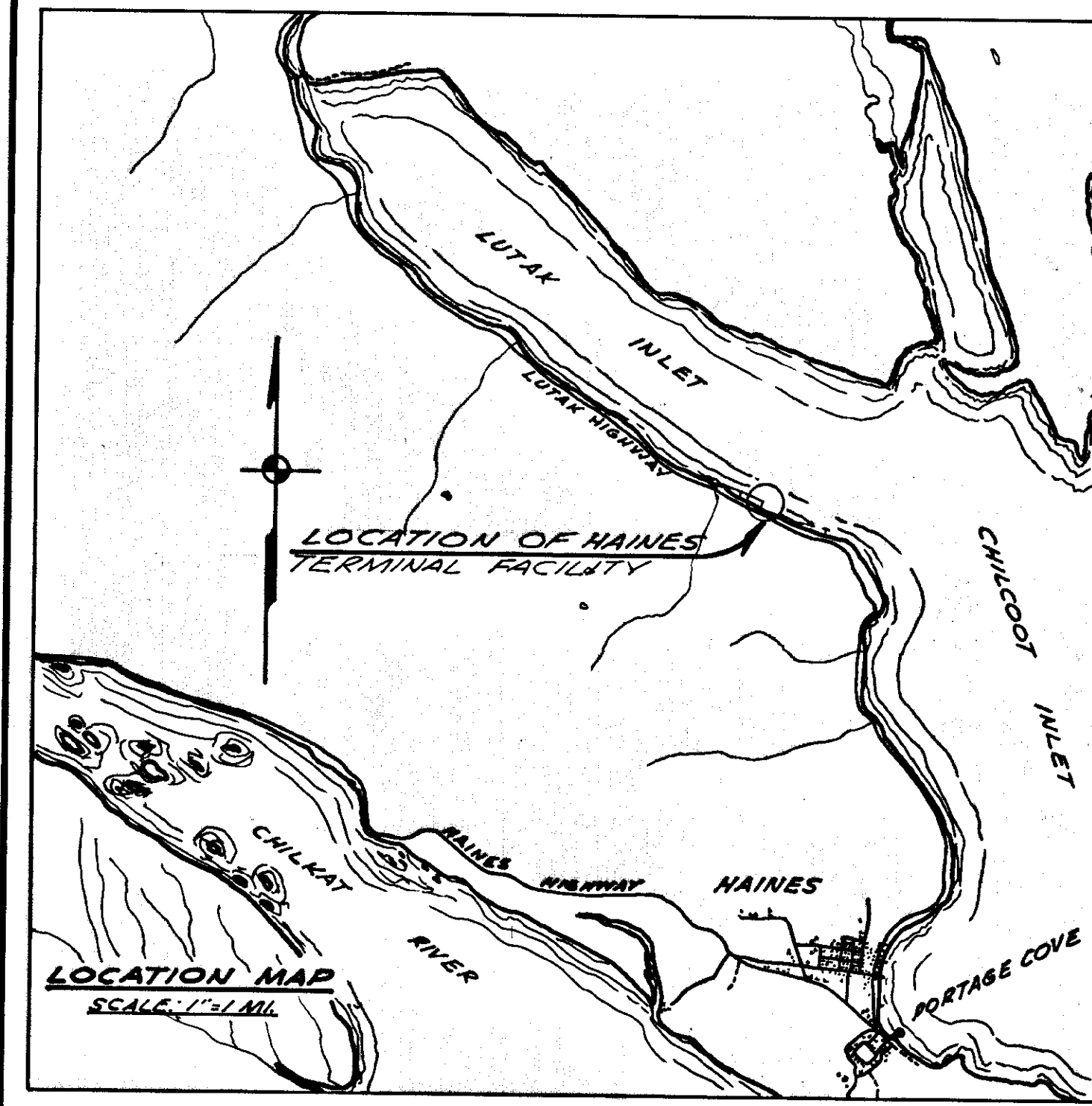
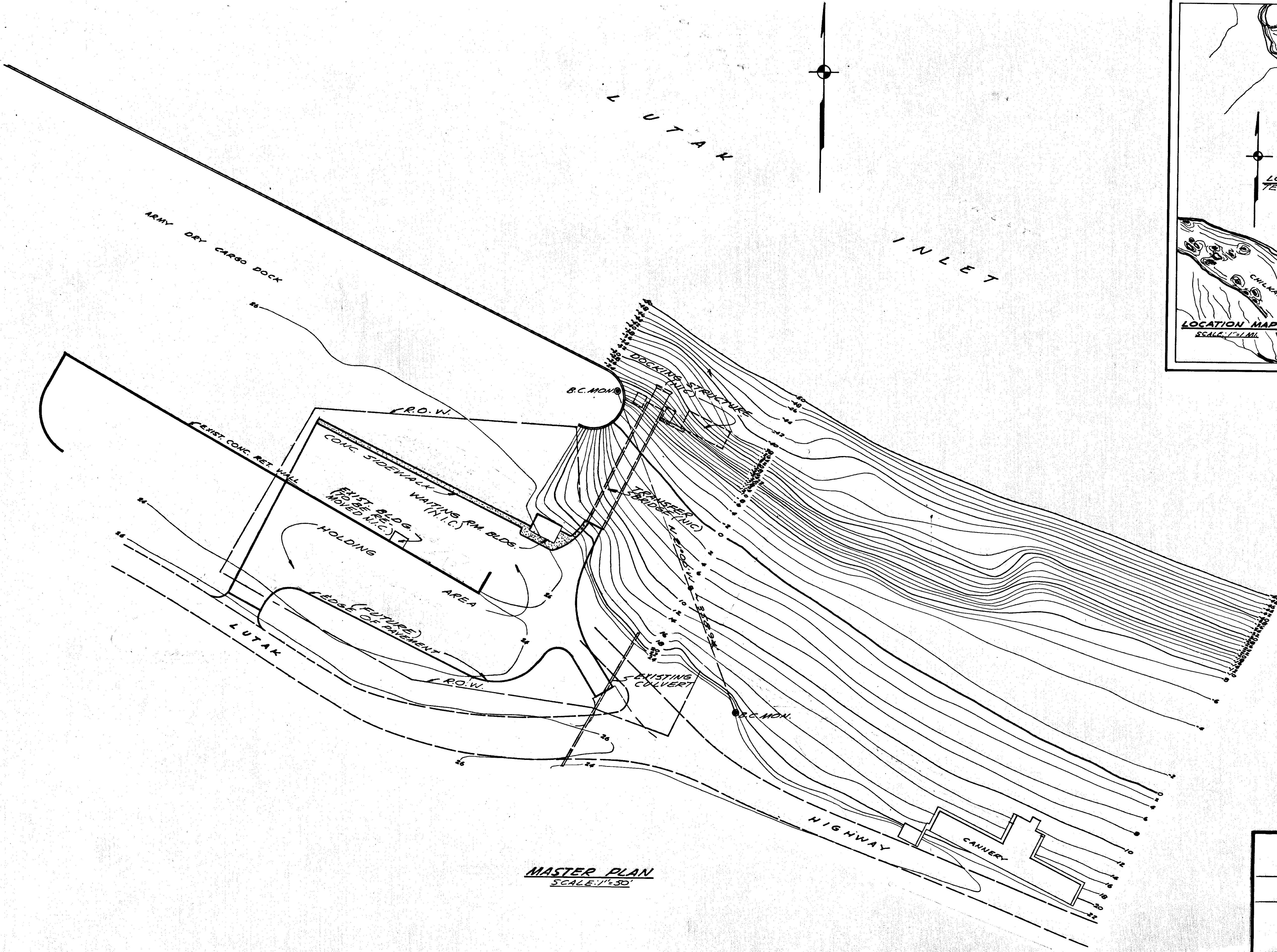
APPROVED: _____ Date: _____
REGIONAL ENGINEER
BUREAU OF PUBLIC ROADS
REGION TEN

PLANS & SPECIFICATIONS BY:

TONER AND NORDLING
REGISTERED ENGINEERS
JUNEAU ALASKA

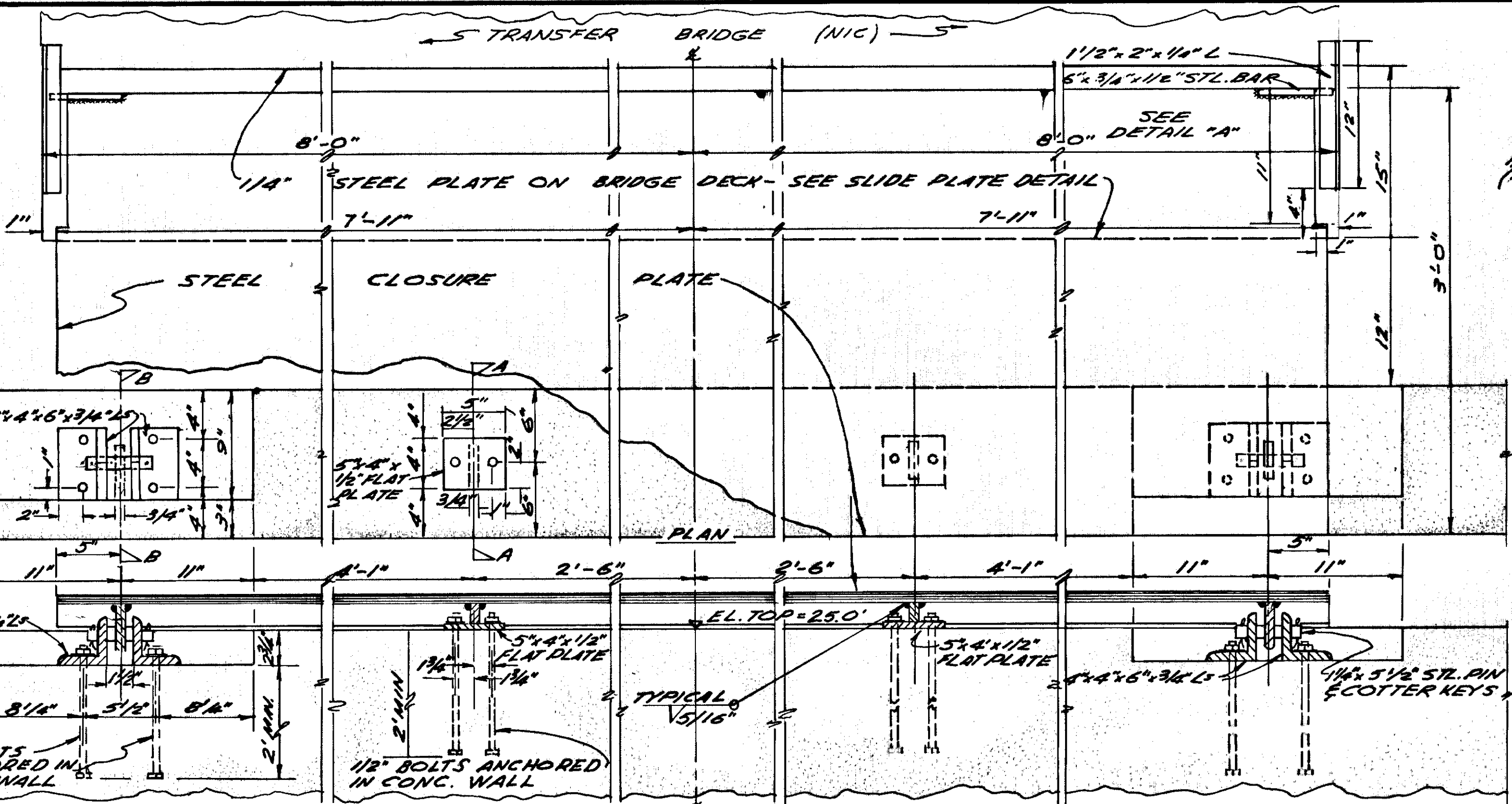
C. R. Nordling
REGISTERED PROFESSIONAL ENGINEER
NO. 777-E



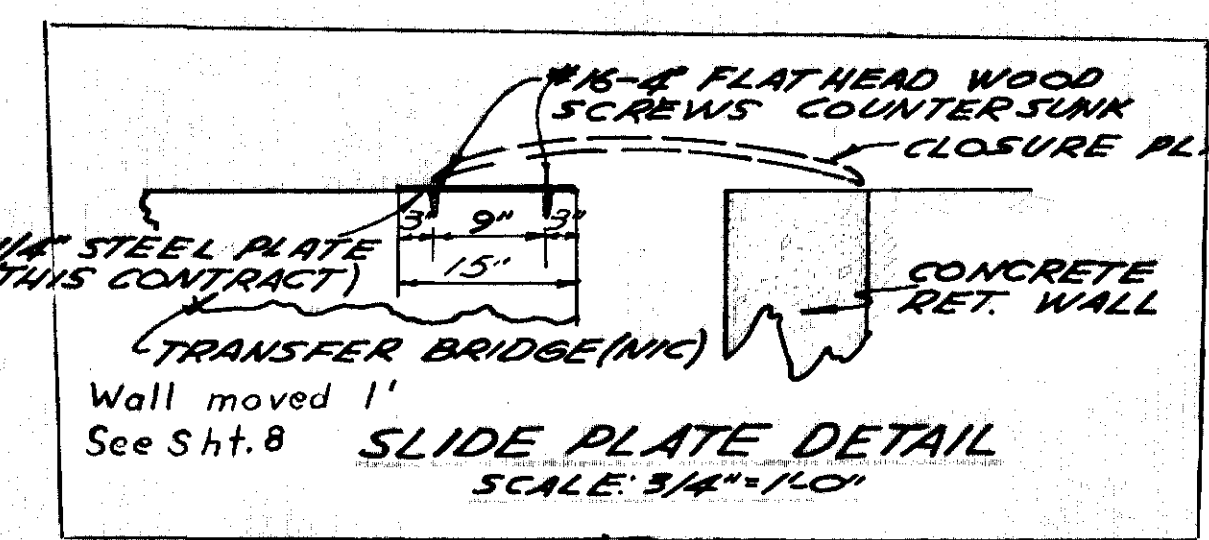


MASTER PLAN
SCALE: 1" = 50'

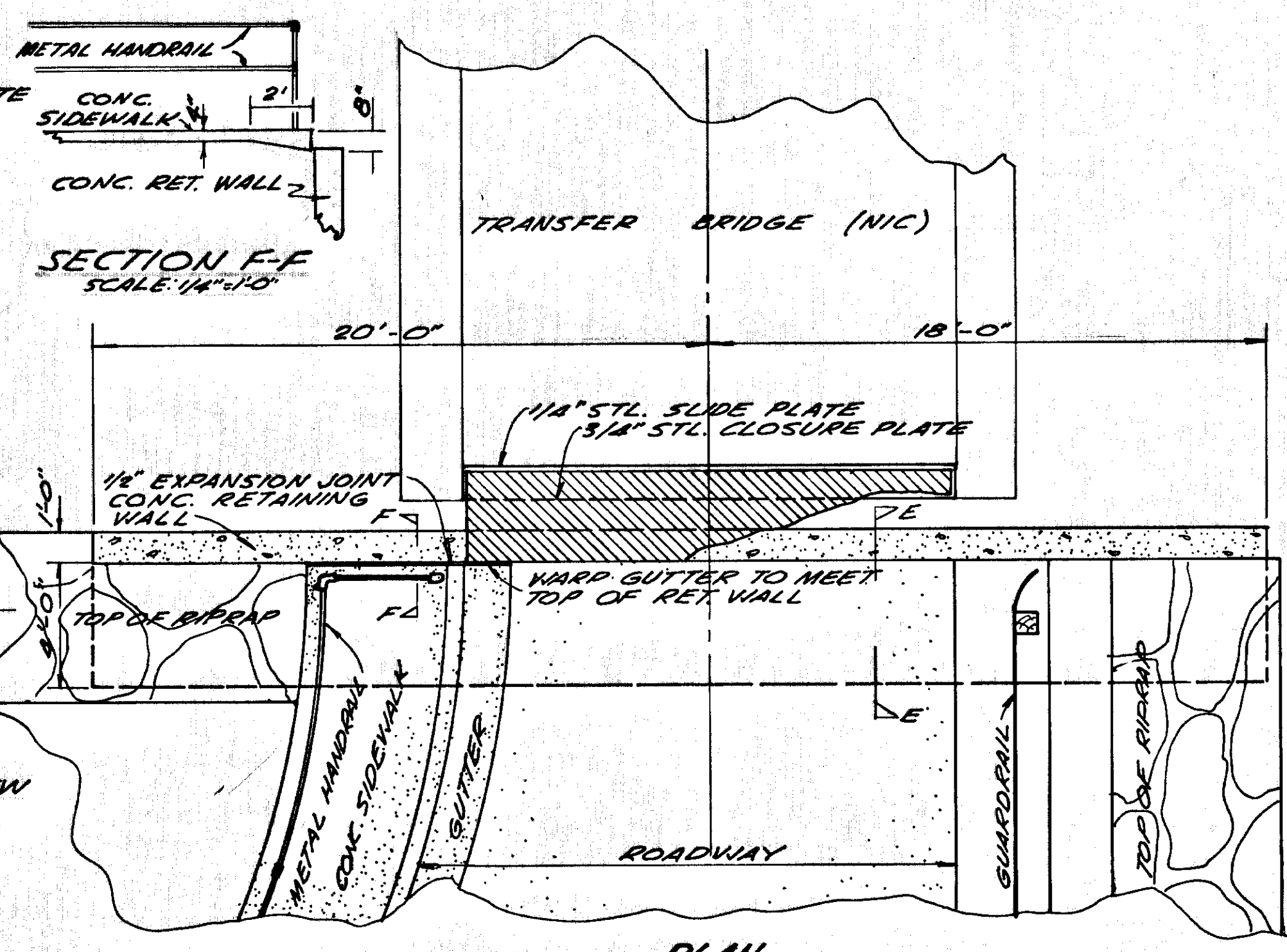
STATE OF ALASKA	
DEPARTMENT OF PUBLIC WORKS	
SOUTHEAST ALASKA FERRY SYSTEM	
HAINES FERRY TERMINAL	
PROJECT NO. F-095-10(1)	
MASTER PLAN	
Scale: As Noted	Sheet 2... Of 10...
TONER & NORDLING® Registered Engineers® Juneau	



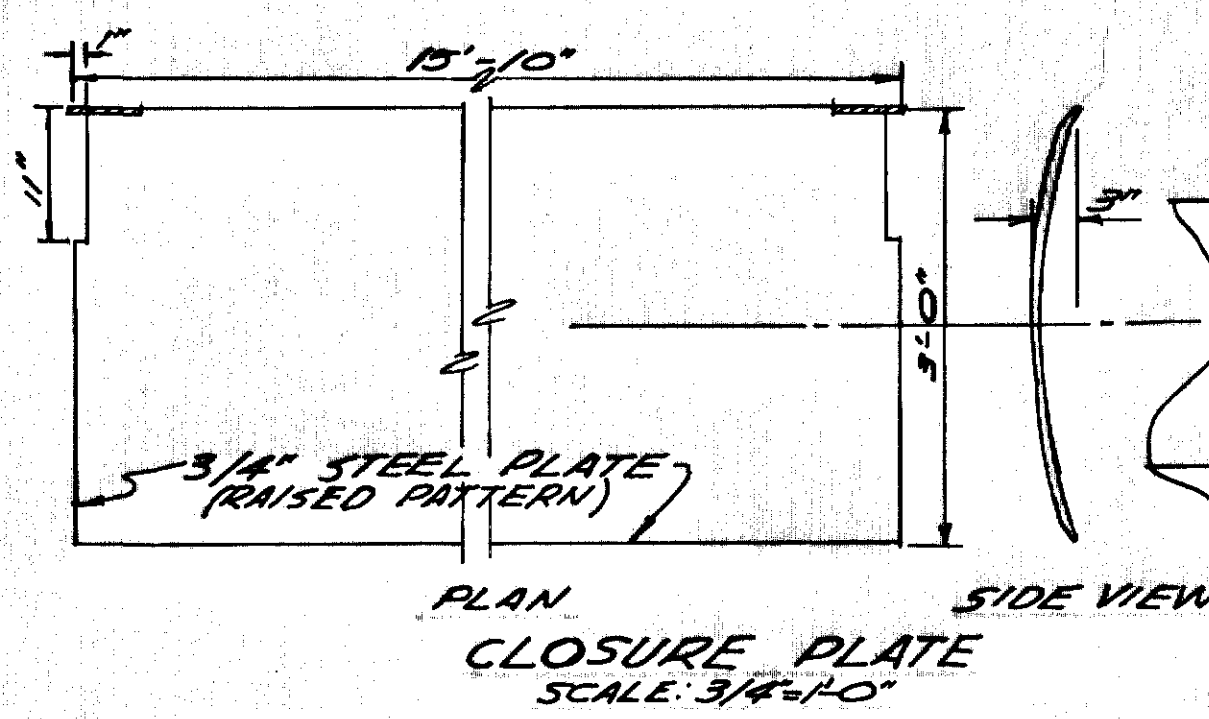
ELEVATION
CLOSURE PLATE HINGE DETAIL
SCALE: 1 1/2" = 1'-0"



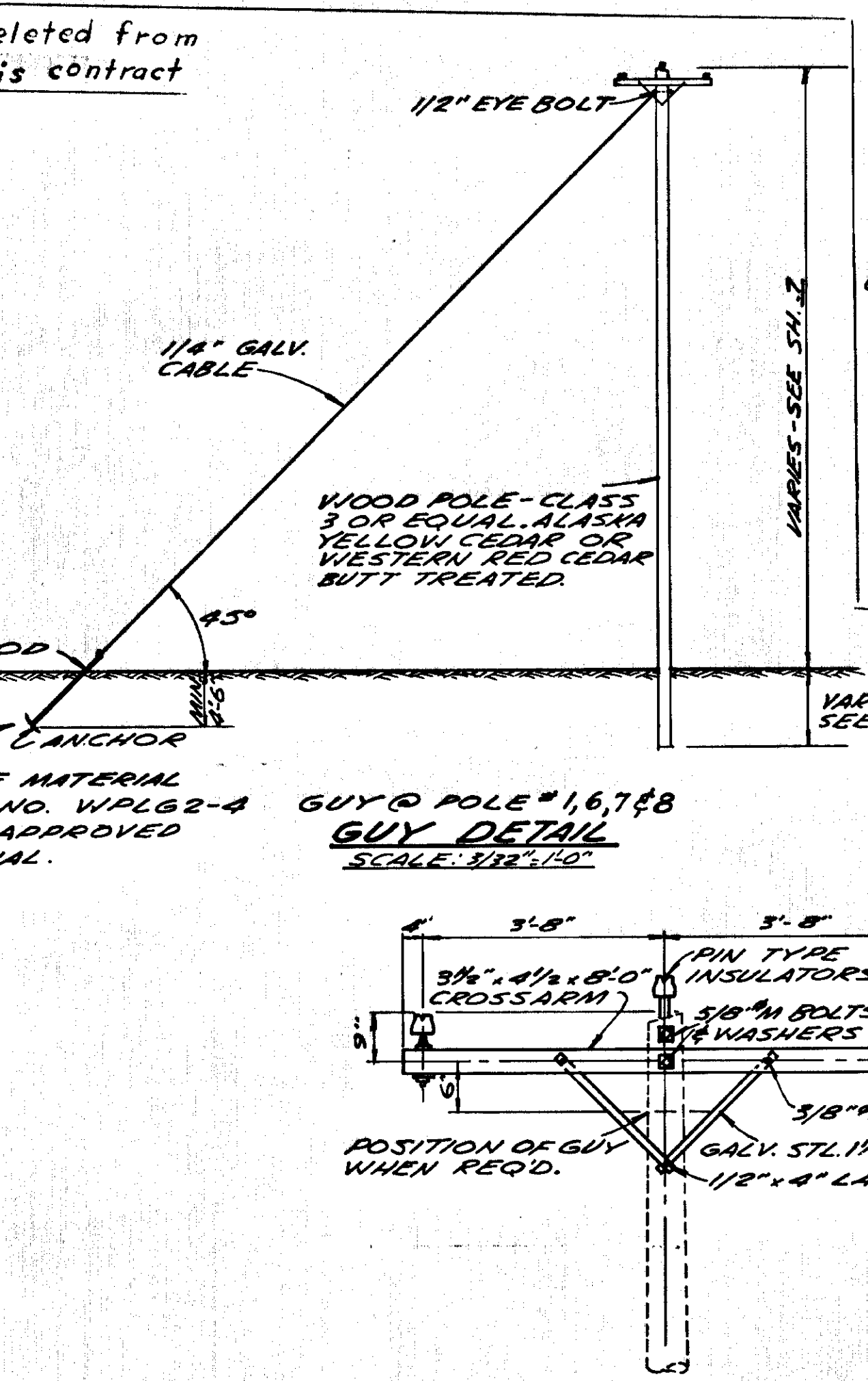
SLIDE PLATE DETAIL
SCALE: 3/4" = 1'-0"



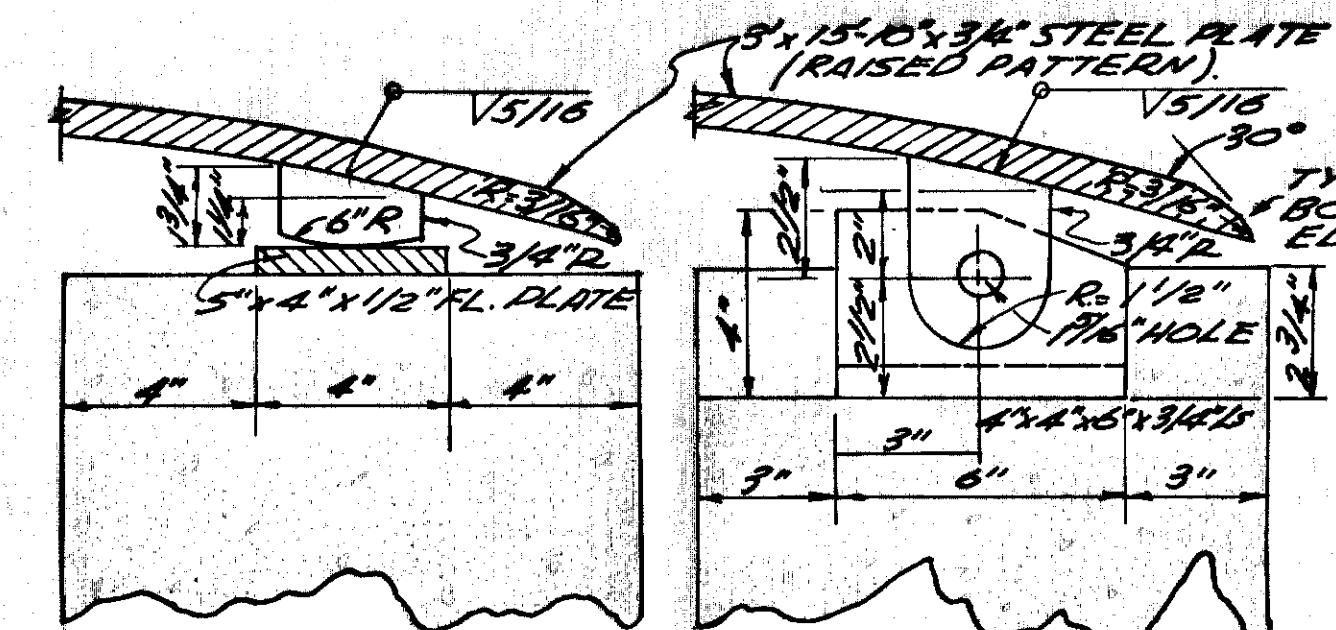
SECTION F-F
SCALE: 1/4" = 1'-0"



PLAN SIDE VIEW
CLOSURE PLATE
SCALE: 3/4" = 1'-0"



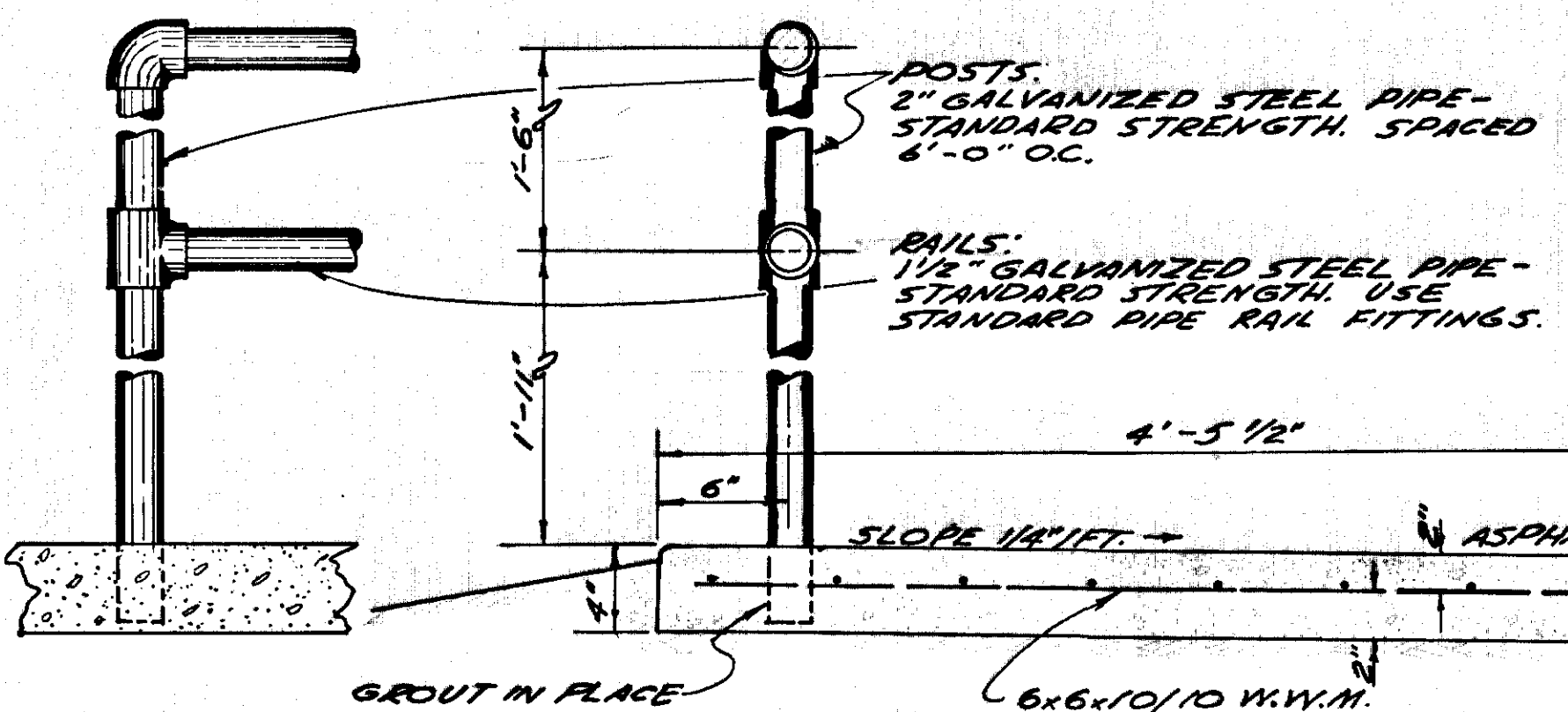
GUY DETAIL
SCALE: 3/16" = 1'-0"



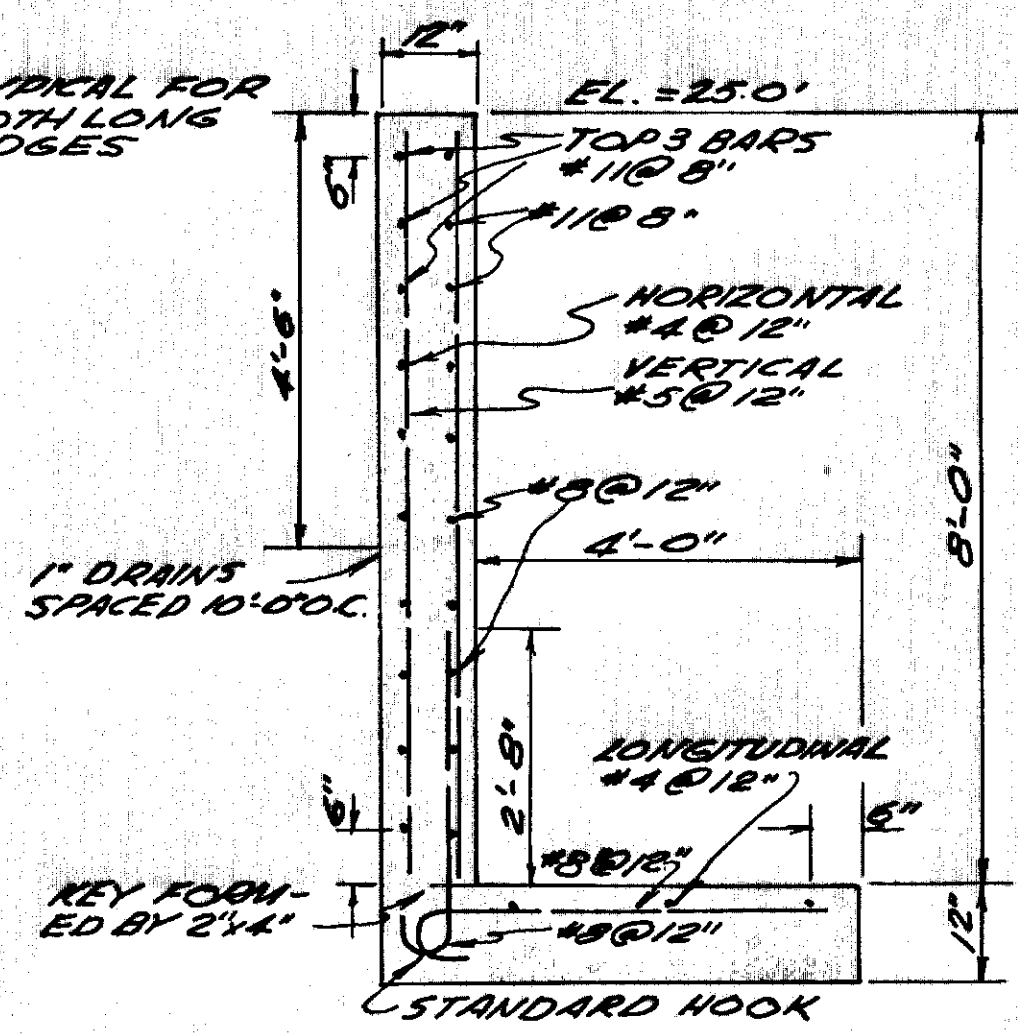
SECTION A-A SCALE: 3" = 1'-0"

SECTION B-B SCALE: 3" = 1'-0"

DETAIL "A"
SCALE: 1 1/2" = 1'-0"



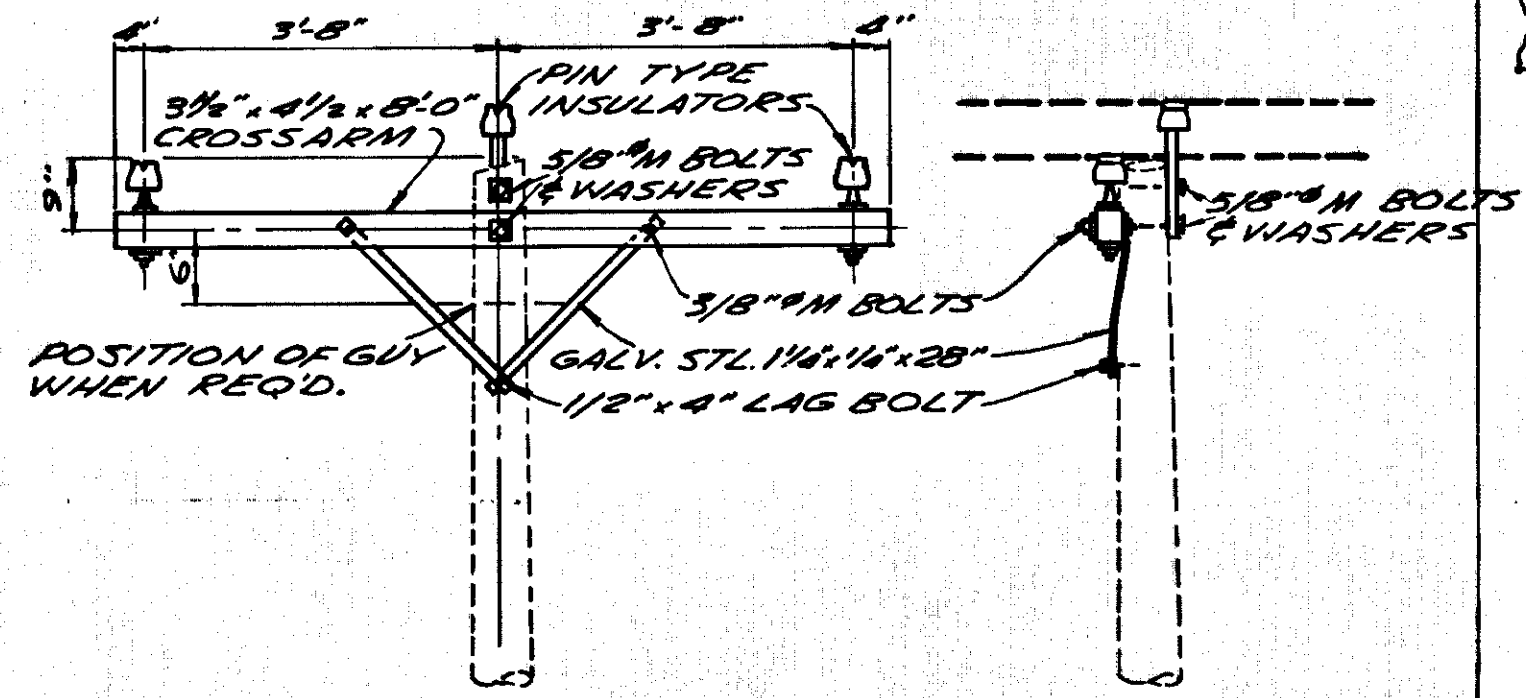
DETAIL OF PIPE RAILING
SHOWING TYP. END
SCALE: 1 1/2" = 1'-0"



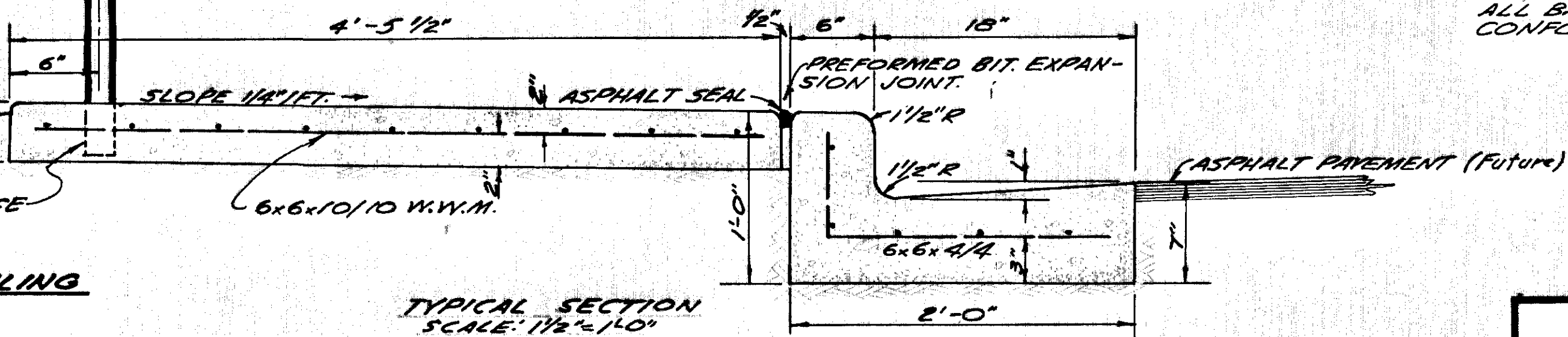
SECTION E-E
SCALE: 1 1/2" = 1'-0"

GENERAL NOTES

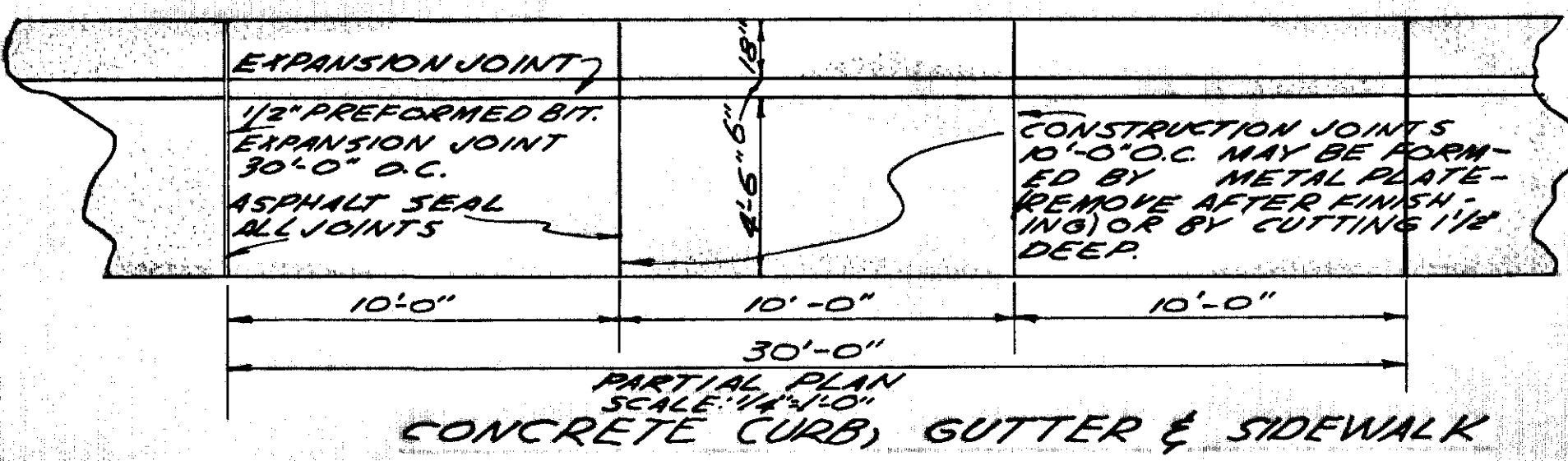
- ALL BOLTS UNLESS OTHERWISE NOTED SHALL BE STANDARD MACHINE BOLTS WITH HEX HEADS & HEX NUTS. ALL HARDWARE SHALL BE GALVANIZED OR MADE OF NONCORROSIVE METAL.
- CONCRETE: FC = 3,000 PSI IN 28 DAYS.
- HINGE & CLOSURE PLATE PARTS, EXCEPT PINS, SHALL BE GIVEN TWO COATS OF "RED LEAD" PAINT - ONE SHOP & ONE FIELD COAT. THE TOP OF THE CLOSURE PLATE SHALL BE GIVEN A FINISH COAT OF ALUMINUM PAINT.
- PREFORMED EXPANSION JOINT SHALL CONFORM TO AASHTO M 153-54, TYPE III.
- ASPHALT SEALING COMPOUND SHALL CONFORM TO AASHTO M 173-60.
- STEEL WIRE FABRIC SHALL CONFORM TO AASHTO M 35. BARS REINFORCEMENT SHALL CONFORM TO AASHTO M 31, INTERMEDIATE GRADE. ALL BARS SHALL BE OF THE DEFORMED TYPE CONFORMING TO AASHTO M 137.



CROSSARM DETAIL
SCALE: 1 1/2" = 1'-0"



TYPICAL SECTION
SCALE: 1 1/2" = 1'-0"

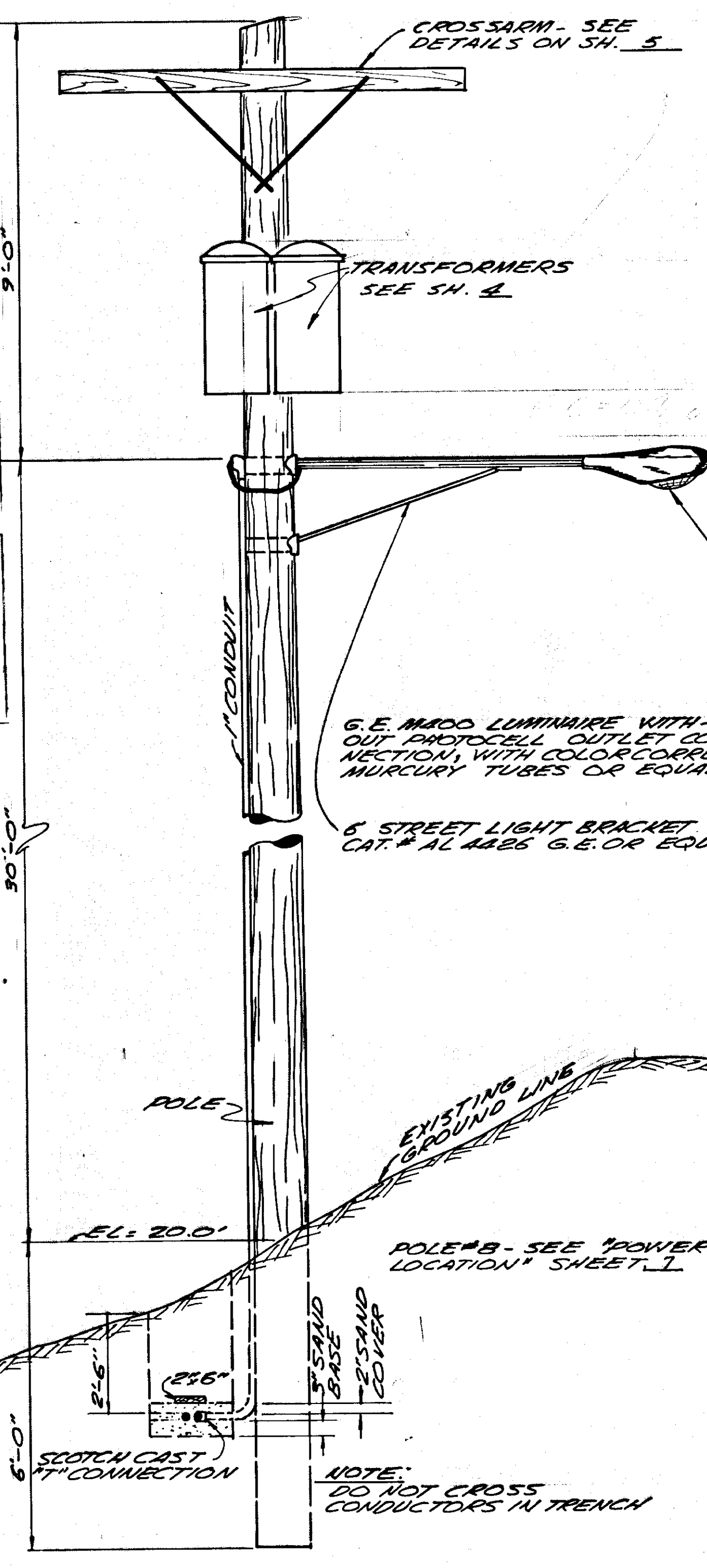
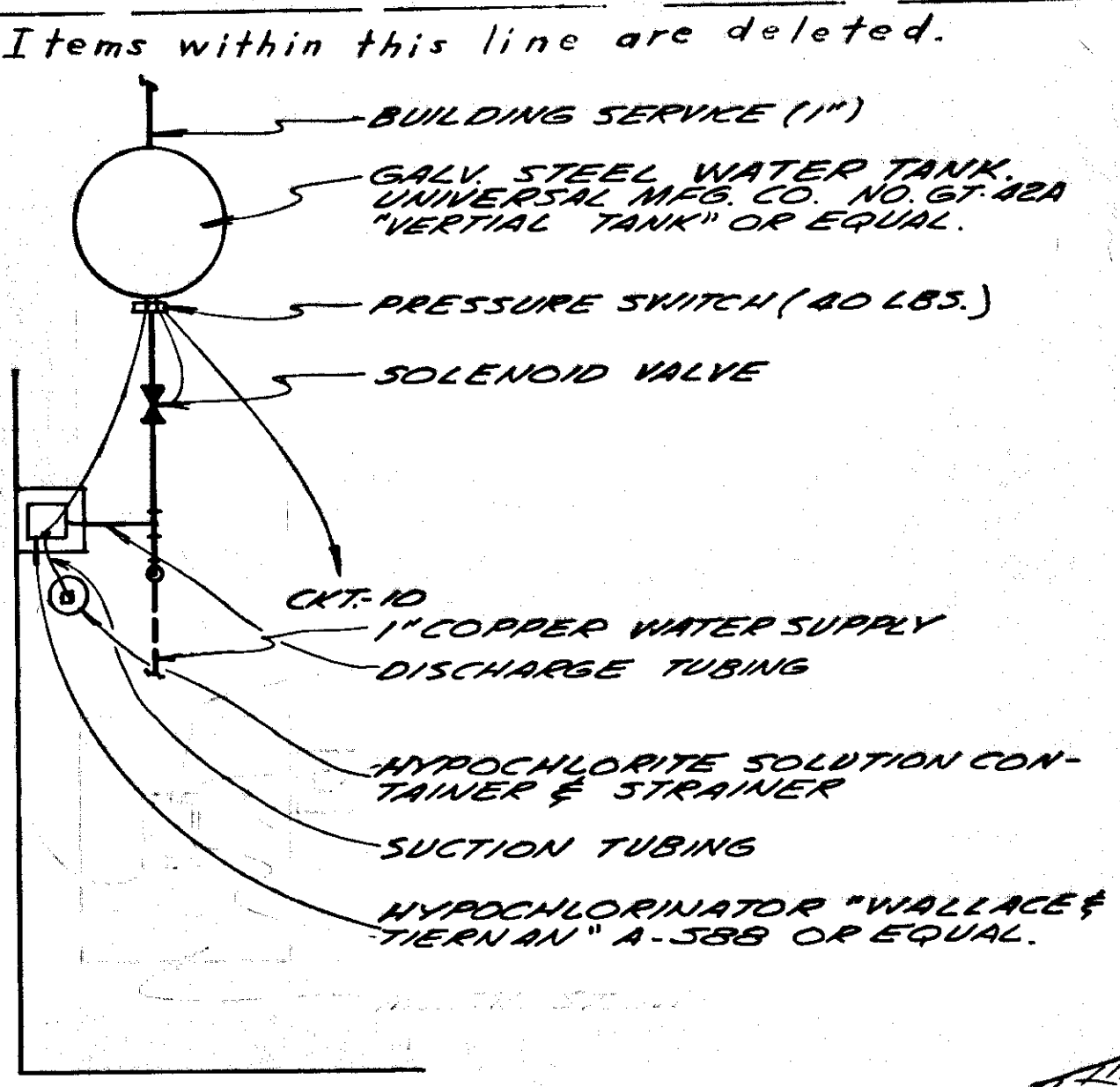
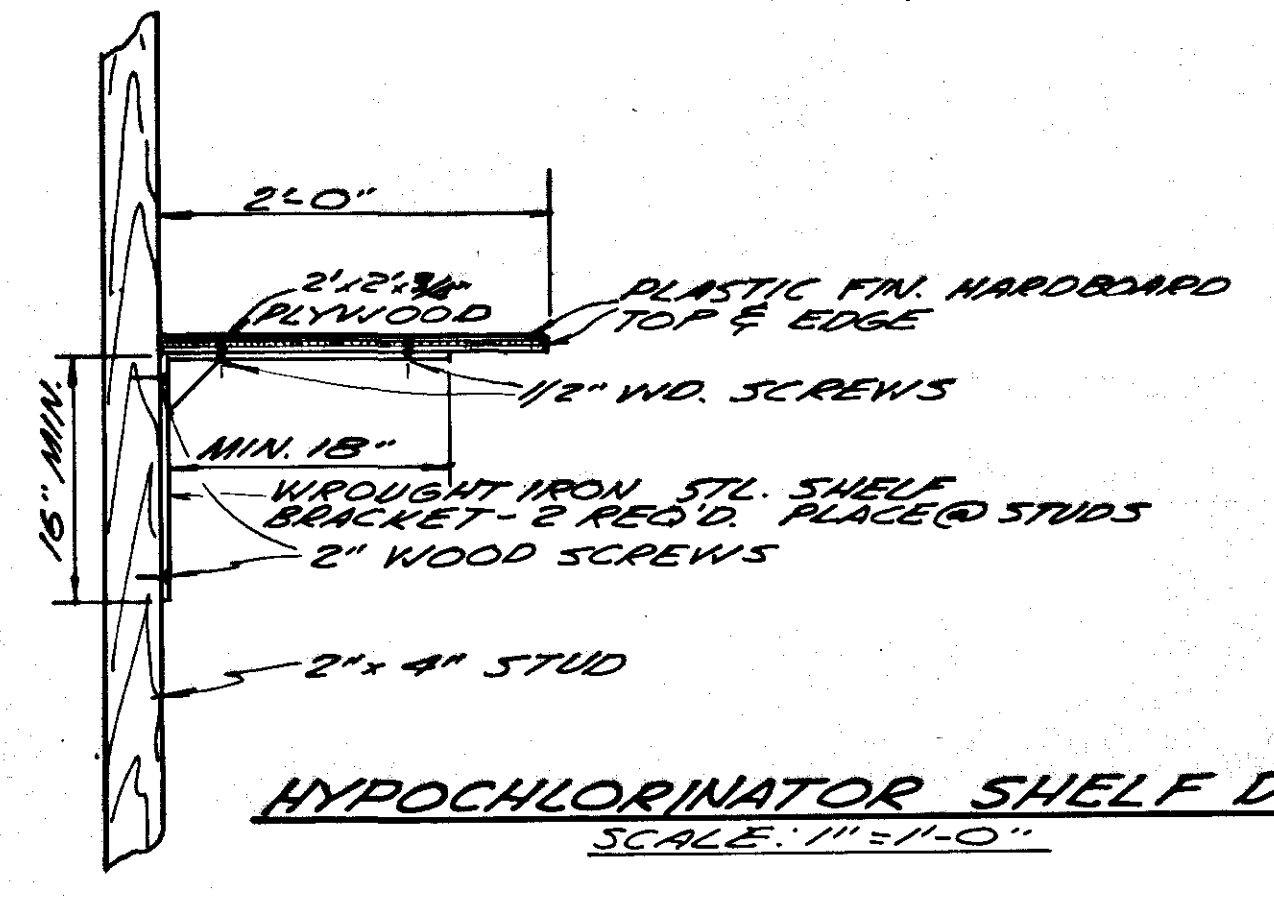
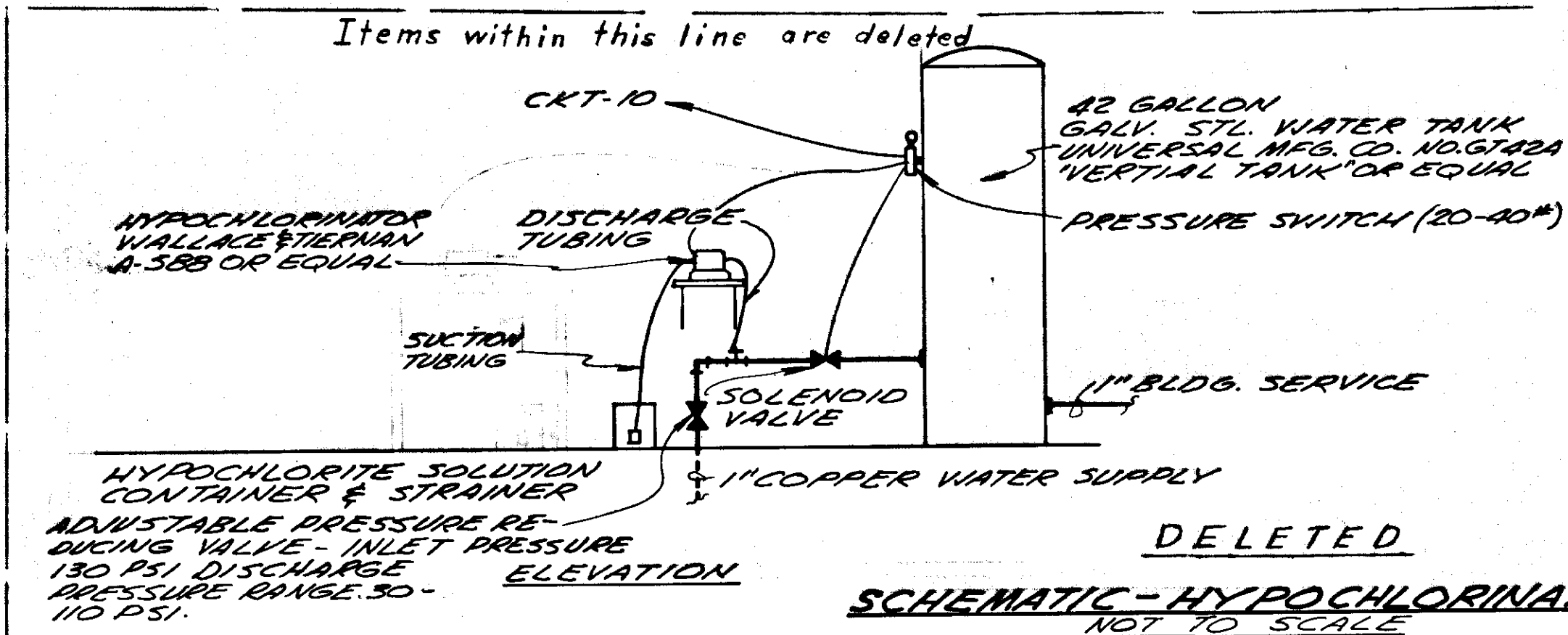
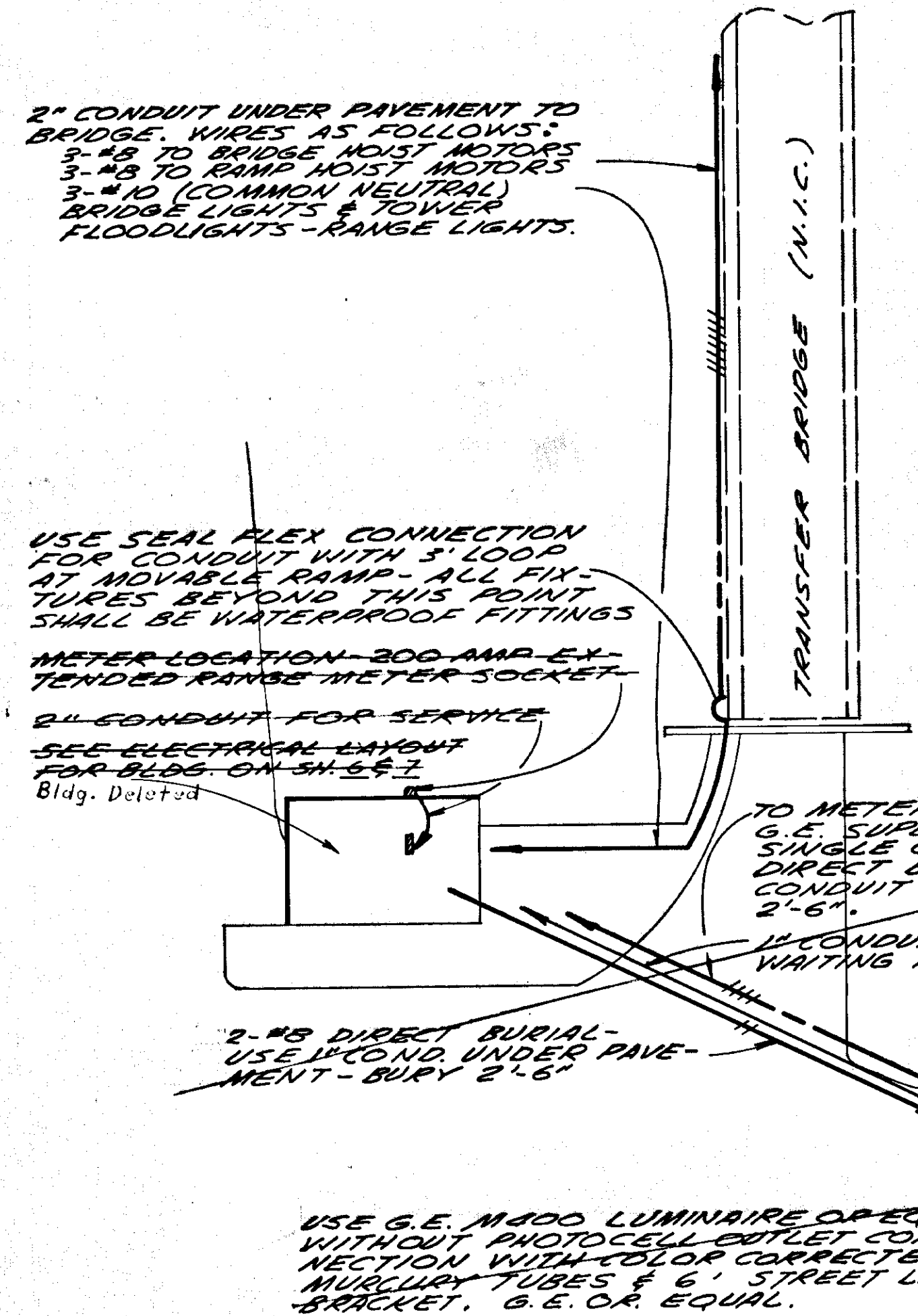
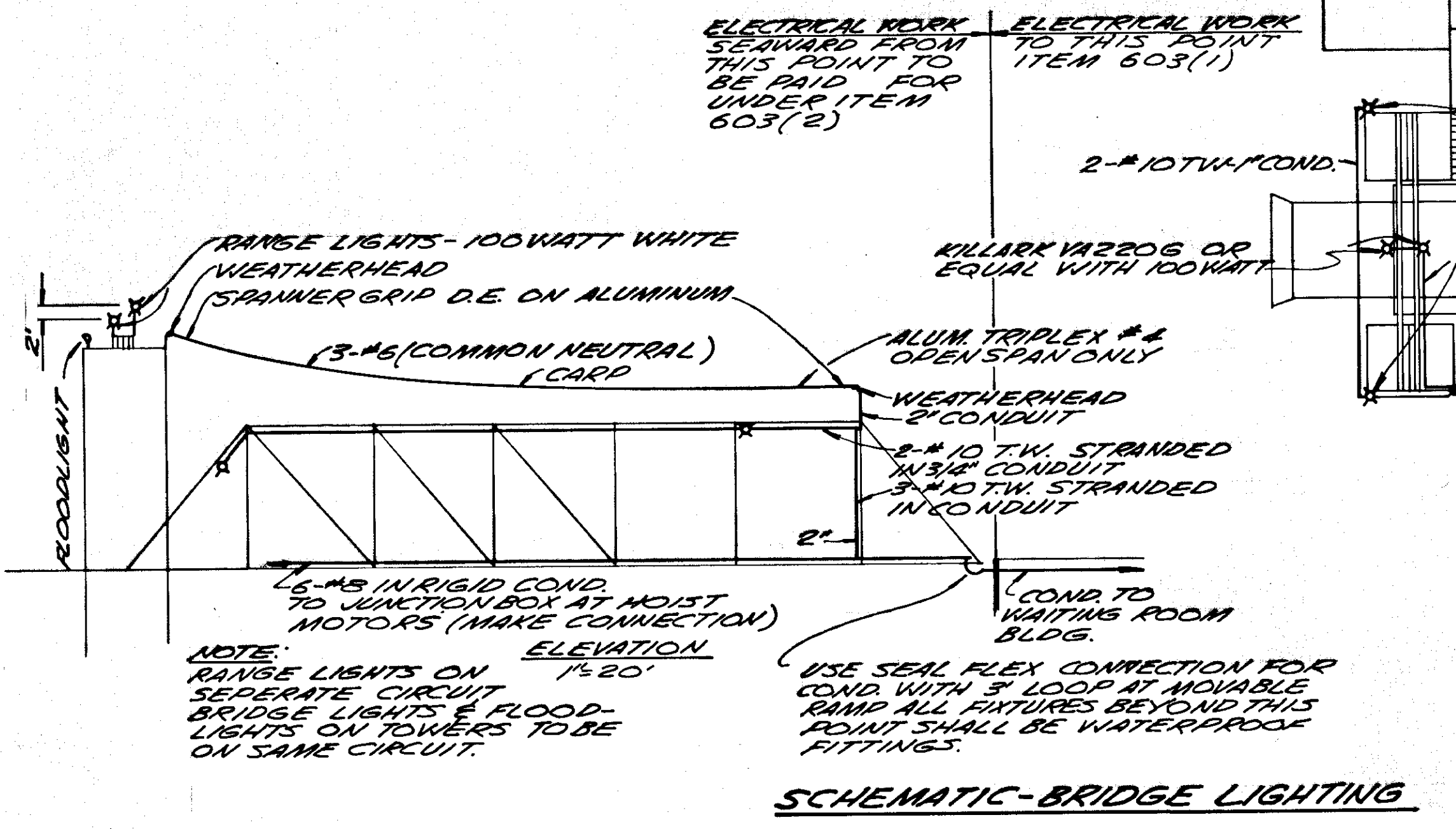


PARTIAL PLAN
SCALE: 1/4" = 1'-0"

STATE OF ALASKA
DEPARTMENT OF PUBLIC WORKS
SOUTHEAST ALASKA FERRY SYSTEM
HAINES FERRY TERMINAL
PROJECT NO. F-095-10(1)
CONSTRUCTION DETAILS
Scale: As Noted Sheet 4 of 10
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 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	HYPOCHLORINATOR & SOLENOID VALVE
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



See Sht. 5, Reduced Prints

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CONSTRUCTION DETAIL
 Scale: As Noted Sheet...
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EL. CLOSURE PLATE
DETAILS ON SH. 5

CONC. RETAINING WALL
SEE DETAILS ON SH. 5

Structure added
to bridge to hold
closure Plate

NOTE: FILL SHALL BE
PLACED & COMPACTED
ON BOTH SIDES
OF BRIDGE PIER
SIMULTANEOUSLY

SECTION 0+0
SCALE: 1"=5'

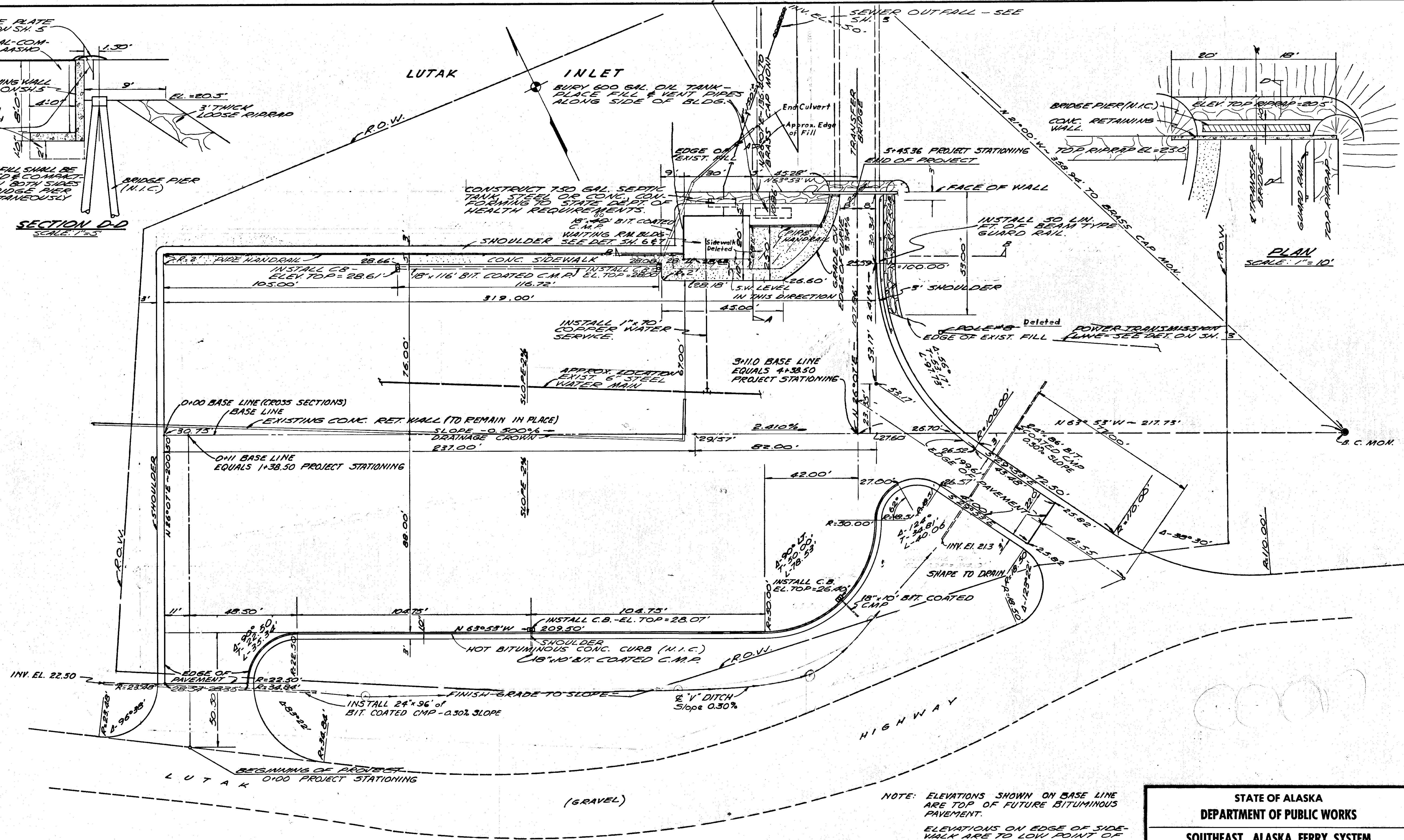
LUTAK INLET

BURY 600 GAL. OIL TANK -
PLACE FILL & VENT PIPES
ALONG SIDE OF BLDG.

CONSTRUCT 750 GAL. SEPTIC
TANK STEEL OR CONC. CON.-
FORMING 50 STATES DEPT. OF
HEALTH REQUIREMENTS.

BRIDGE PIER (N.I.C.)
CONC. RETAINING
WALL.

PLAN
SCALE: 1"=10'

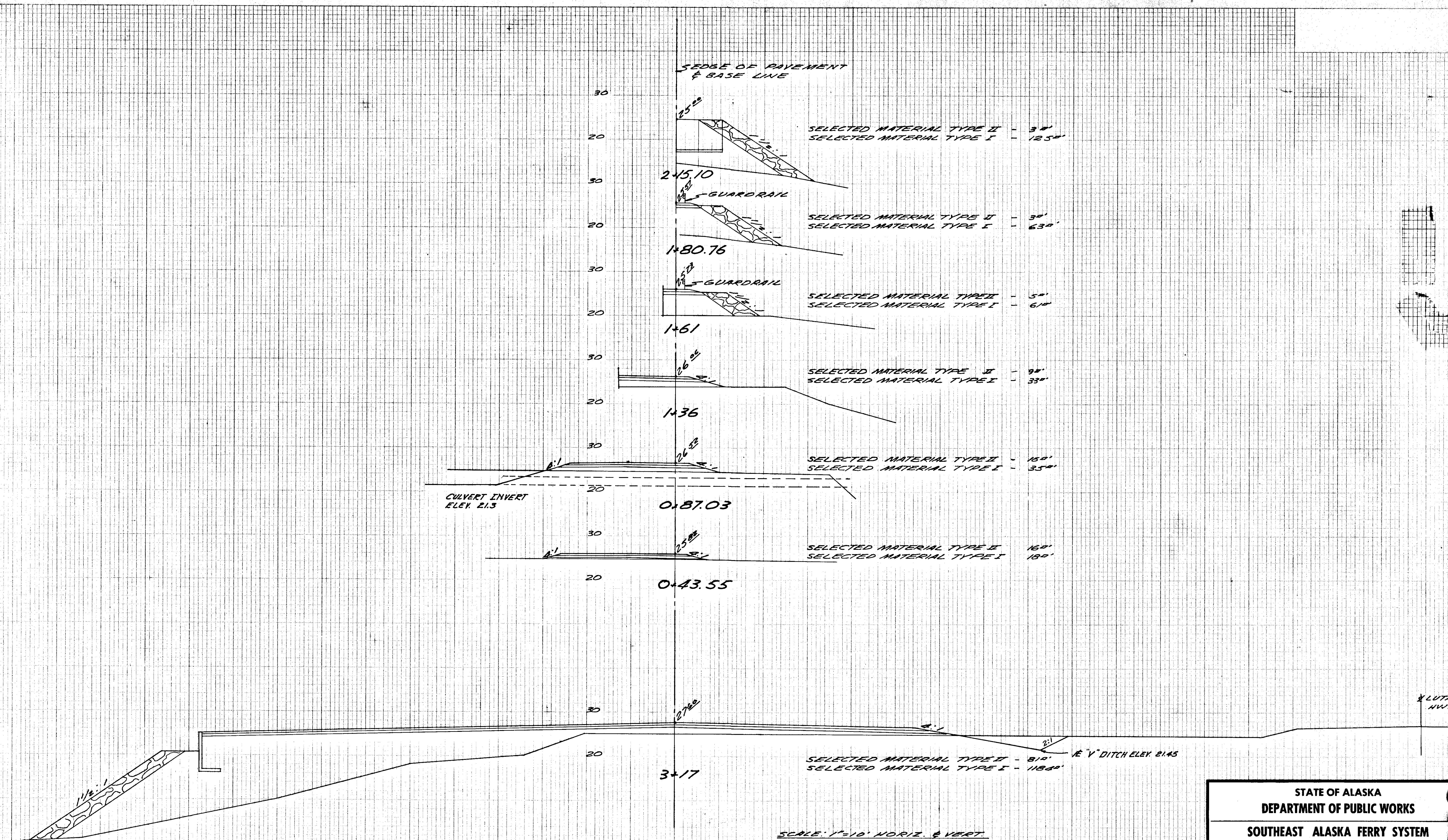


NOTE: ELEVATIONS SHOWN ON BASE LINE
ARE TOP OF FUTURE BITUMINOUS
PAVEMENT.

ELEVATIONS ON EDGE OF SIDE-
WALK ARE TO LOW POINT OF
GUTTER.

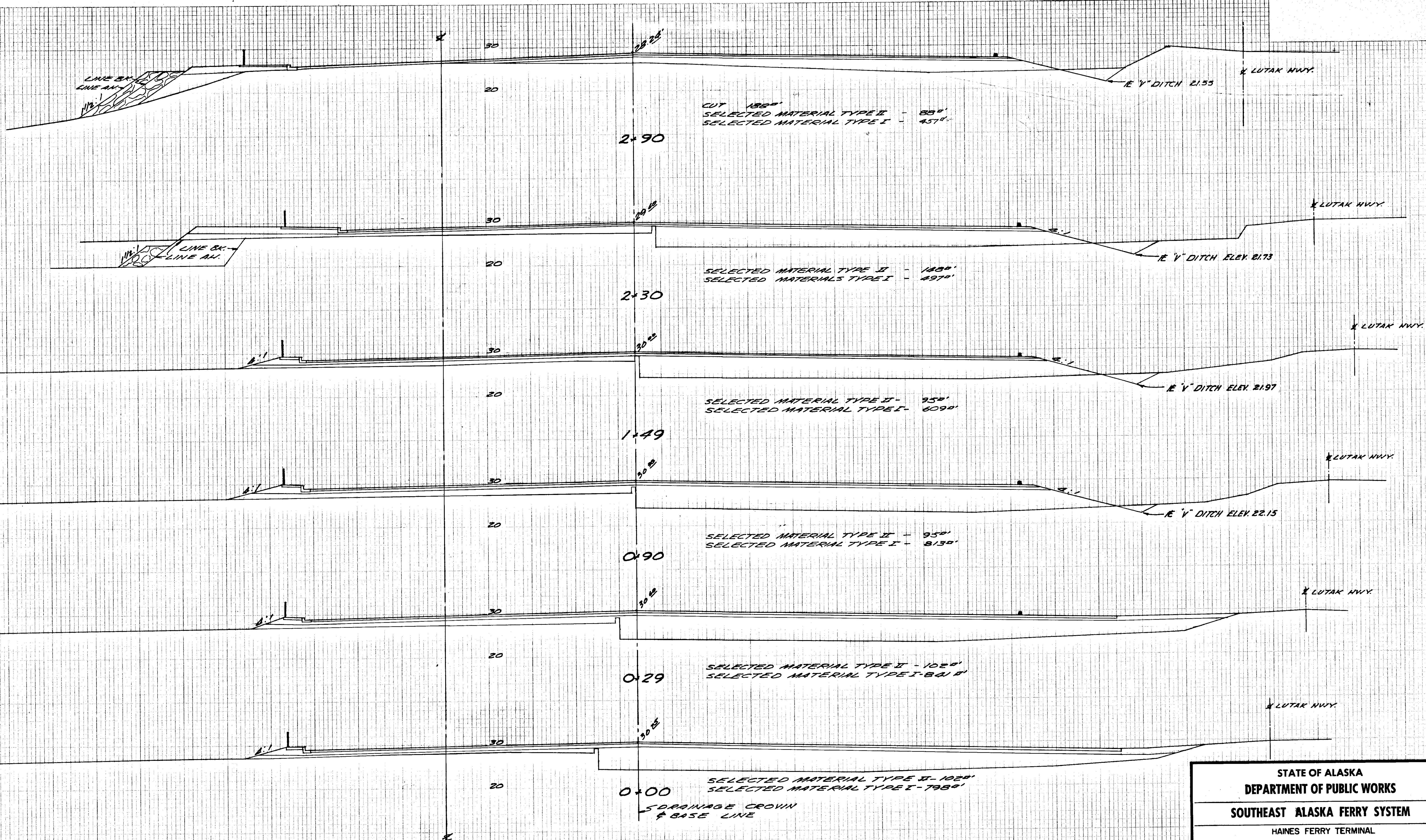
GRAVEL SURFACE IN VICINITY OF CATCH
BASINS SHALL BE SHAPED TO DRAIN

STATE OF ALASKA DEPARTMENT OF PUBLIC WORKS
SOUTHEAST ALASKA FERRY SYSTEM
HAINES FERRY TERMINAL
PROJECT NO. F-095-10(1)
HOLDING AREA-GENERAL PLAN
Scale As Noted January, 1962 Sheet 8.. Of 14.
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STATE OF ALASKA
 DEPARTMENT OF PUBLIC WORKS
 SOUTHEAST ALASKA FERRY SYSTEM
 HAINES FERRY TERMINAL
 PROJECT NO. F-095-10(1)
CROSS SECTIONS
 Scale As Noted Sheet 3. Of 7
 TONER & NORDLING Registered Engineers & Juniors

FLAHERTY & CRONIN ENGINEERS, INC. 410 E. STATE ST. ANCHORAGE, ALASKA 99501
 KUTNER & TERRY CO., NEW YORK



STATE OF ALASKA
 DEPARTMENT OF PUBLIC WORKS
 SOUTHEAST ALASKA FERRY SYSTEM
 HAINES FERRY TERMINAL
 PROJECT NO. F-095-10(1)
CROSS SECTIONS
 Scale As Noted Sheet 7. OF 10
 TONER & NORDLING Registered Engineers Juneau

PLATE 3 - CROSS SECTION (D.P.R. & L.E. STANDARD)
 HENRIE & ESSER CO., NEW YORK