

STATE OF ALASKA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF HIGHWAYS

PROPOSED HIGHWAY PROJECT
NO. S-0999(4)
SOUTHEAST ALASKA FERRY SYSTEM
TERMINAL FACILITY AT
SKAGWAY, ALASKA
AS BUILT PLANS

| | | | | |
|--------|---------------------|------|-----------|--------------|
| STATE | PROJECT DESIGNATION | YEAR | SHEET NO. | TOTAL SHEETS |
| ALASKA | S - 0999(4) | 1962 | 1 | 1 |

TYPE OF IMPROVEMENT Y021

INDEX OF SHEETS

| SHEET NO. | DESCRIPTION |
|-----------|---|
| 1 | TITLE SHEET |
| 2 | MASTER PLAN |
| 3 | TYPICAL SECTIONS & ESTIMATE OF QUANTITIES |
| 4 | PLAN & PROFILE |
| 5 | PLAN & PROFILE |
| 6 | HOLDING AREA - GENERAL PLAN |
| 7 | STRIPING & LIGHTING PLAN |
| 8 | TIMBER TRESTLE APPROACH STRUCTURE |
| 9 | CONSTRUCTION DETAILS |
| 10 - 11 | WAITING ROOM BUILDING DETAILS |
| 12 - 15 | CROSS SECTIONS |
| S - 6 | STANDARD PROJECT IDENTIFICATION SIGN |

DESIGN DESIGNATION

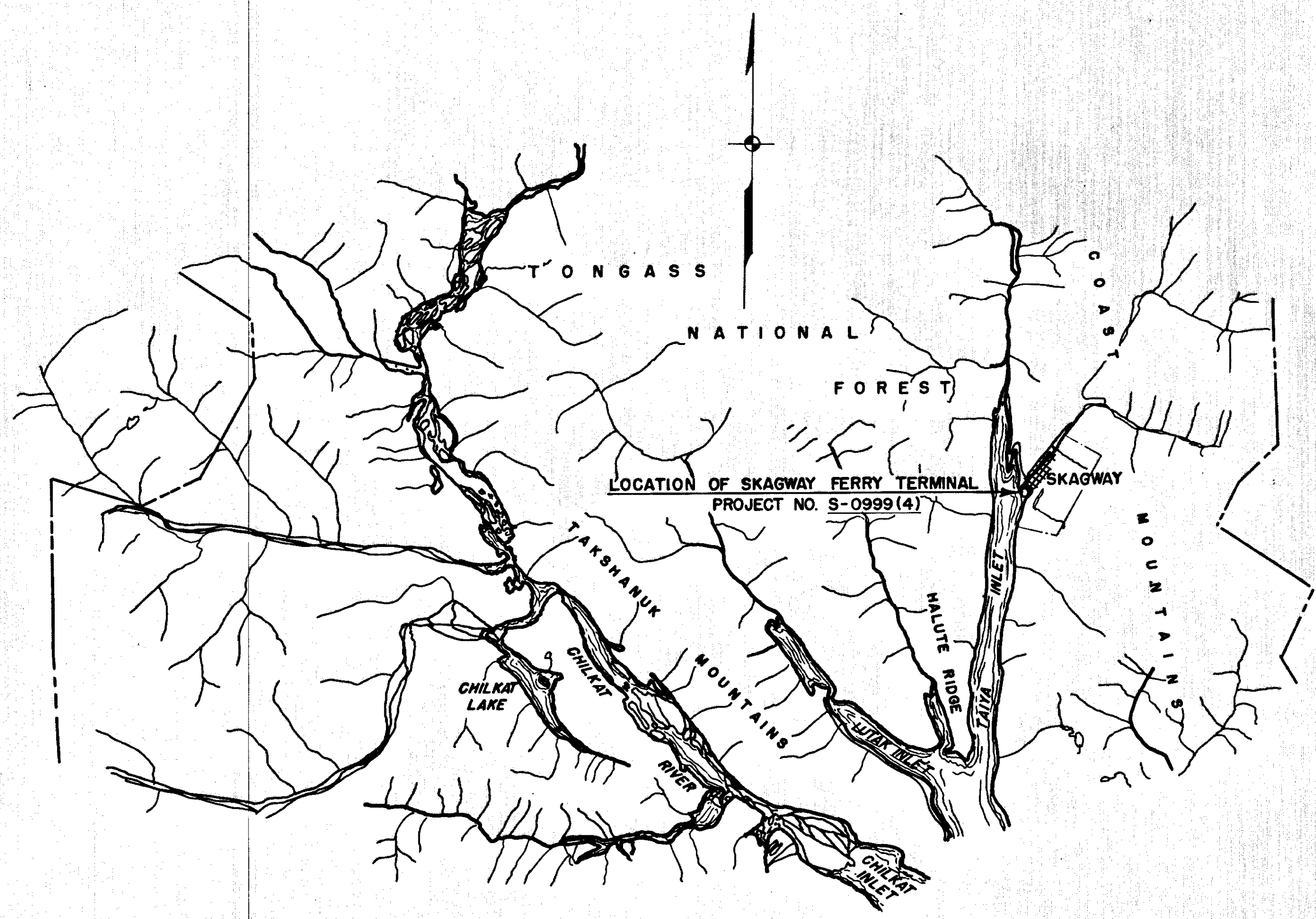
| | | |
|-----------|---|----|
| ADT(1962) | = | 3 |
| ADT(1982) | = | 21 |
| DHV | = | |
| D | = | |
| T | = | 5% |
| V | = | |

PROJECT SUMMARY

| | |
|---------------------|---------------------|
| LENGTH OF GRADING | 1535.84' = 0.291 mi |
| LENGTH OF EXCEPTION | 320.87' = 0.061 mi |
| LENGTH OF PROJECT | 1856.71' = 0.352 mi |

CONVENTIONAL SIGNS

| | |
|----------------------------------|--|
| PROPOSED CONSTRUCTION CENTERLINE | |
| PROPERTY LINE | |
| RIGHT OF WAY LINE | |
| POWER LINE | |
| TELEPHONE OR TELEGRAPH LINE | |
| LIGHT POLE | |
| WATER LINE | |
| WATCH BASH | |
| MANHOLE | |
| CULVERT PROPOSED | |
| CULVERT EXISTING | |
| TRAVELED WAY | |
| SEWER LINE | |



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

APPROVED: *B. B. Swallen* Date: 5/18/62

STATE OF ALASKA
DEPARTMENT OF HIGHWAYS

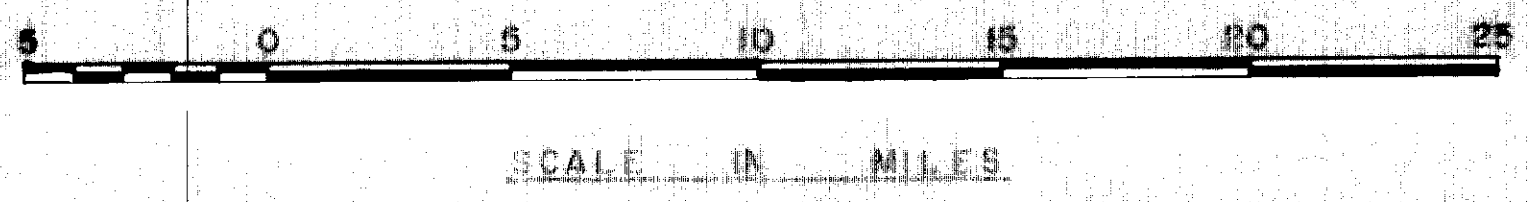
APPROVED: *D. W. K.* Date: 5/18/62
COMMISSIONER OF HIGHWAYS

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

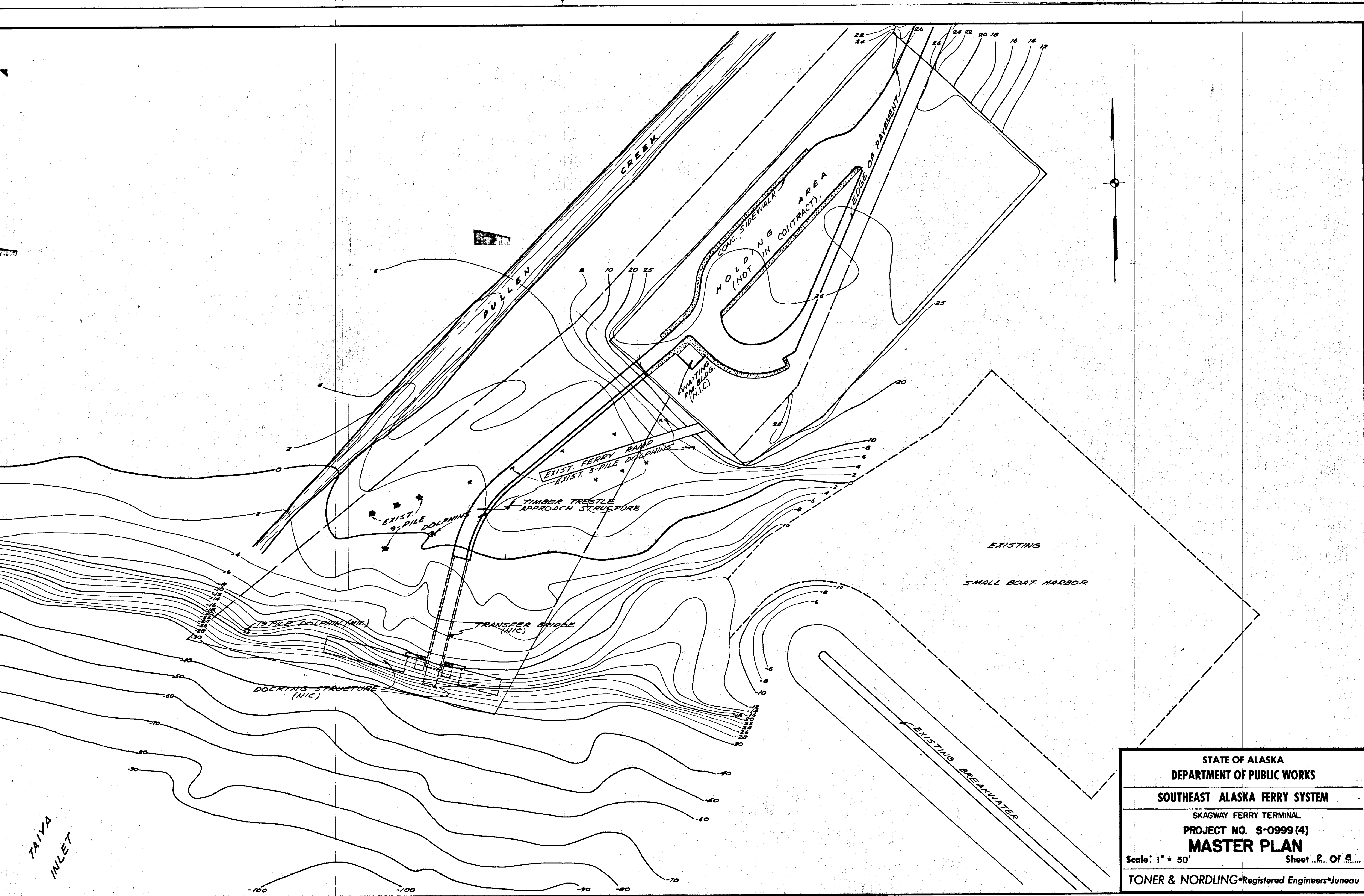
PLANS & SPECIFICATIONS BY:

TONER AND NORDLING
REGISTERED ENGINEERS
JUNEAU ALASKA

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



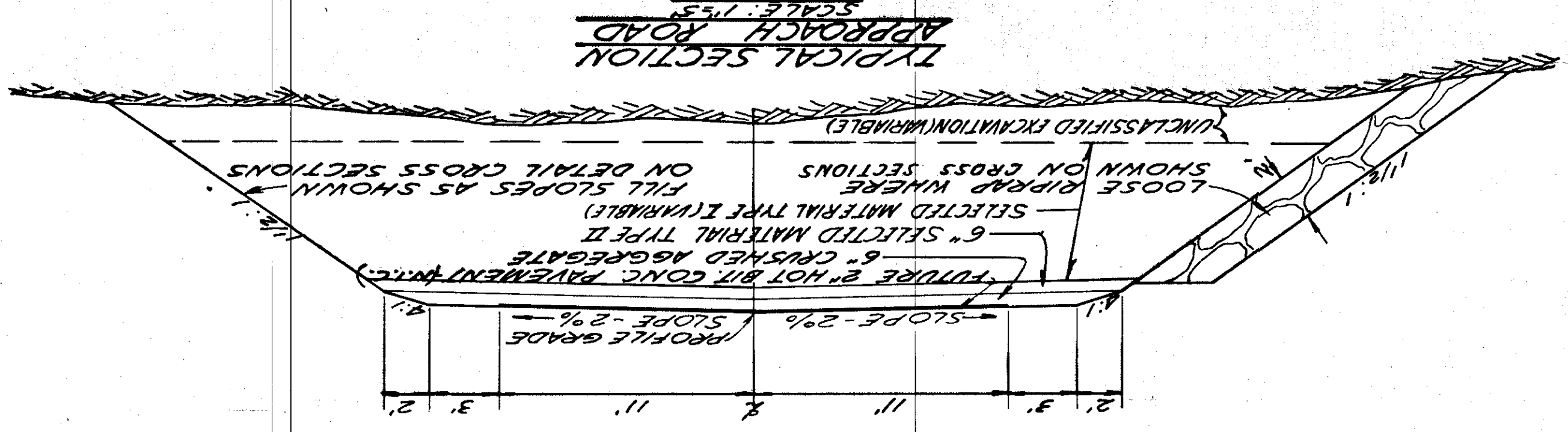
Contractor: *Odin Jensen & Son*
Construction started *Nov. 18, 1962*
Construction completed *May 19, 1963*
Project Engineer: *Robert Cooper*



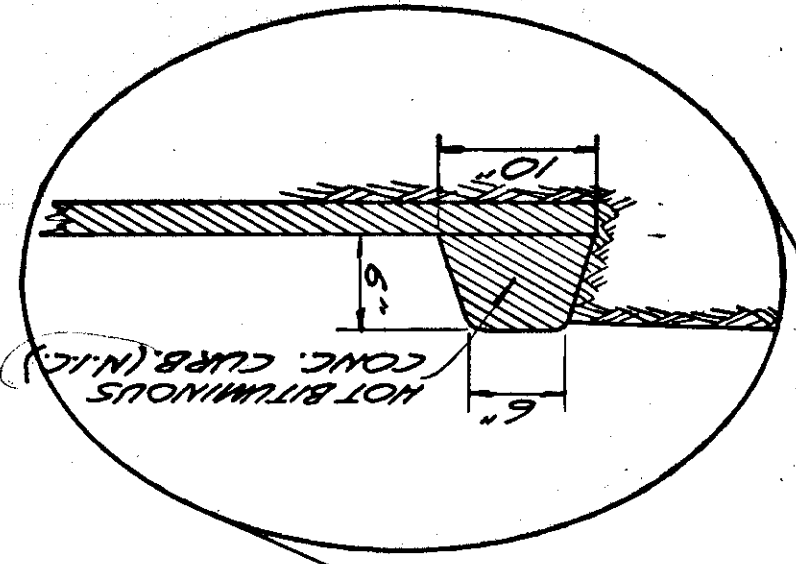
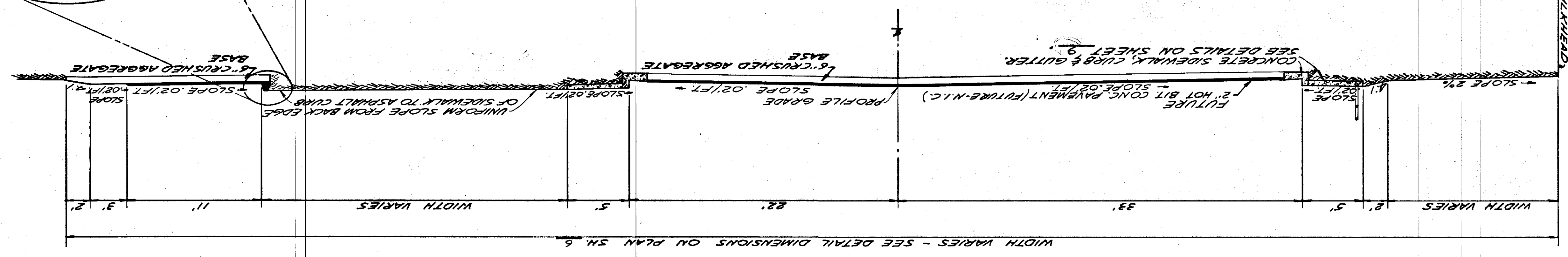
STATE OF ALASKA
 DEPARTMENT OF PUBLIC WORKS
 SOUTHEAST ALASKA FERRY SYSTEM
 SKAGWAY FERRY TERMINAL
 PROJECT NO. S-0999(4)
MASTER PLAN
 Scale: 1" = 50' Sheet 2 of 3
 TONER & NORDLING Registered Engineers Juneau

| ITEM NO. | QUANTITY | UNIT | ITEM |
|----------|-----------|----------|--|
| 100(5) | ALL REQ'D | LUMP SUM | CLEARING AND GRUBBING |
| 102(1) | 2300 | C.Y. | UNCLASSIFIED EXCAVATION |
| 102(2) | 1200 | C.Y. | SELECTED MATERIAL TYPE I BORROW, CAST 2 |
| 102(3) | 650 | C.Y. | SELECTED MATERIAL TYPE II BORROW, CAST 2 |
| 200(2) | 2094 | TONS | CRUSHED AGGREGATE BASE, GRADE D-1 |
| 400(1) | 68 | EACH | TREATED TIMBER PILES, DRIVEN |
| 420(7) | ALL REQ'D | LUMP SUM | STRUCTURAL STEEL GUSSET PLATE & SLIDE PLATE, FURNISHED, FABRICATED & ERECTED |
| 420(8) | 643.5 | L.F. | TIMBER BRIDGE RAILING |
| 430(2) | 93.08 | MBM | TREATED TIMBER, COAL-TAR CREOSOTE PRESERVATIVE |
| 433(2E) | 144 | L.F. | 18" BITUMINOUS COATED CORRUGATED METAL PIPE, 16ga |
| 510(1) | 325 | C.Y. | LOOSE RIPRAP |
| 521(3) | 2 | EACH | CATCH BASINS |
| 521(5) | 2 | PAIRS | METAL FRAMES & GRATINGS |
| 524(3) | 723.5 | L.F. | CONCRETE CURB & GUTTER |
| 530(1) | 392.5 | S.Y. | CONCRETE SIDEWALK |
| 601 | 3416 | 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 |
| 453(2A) | 68 | L.F. | 42" BITUMINOUS COATED CORRUGATED METAL PIPE * |
| 606(2) | 464 | L.F. | 6" WATER SERVICE LINE |
| 606(5) | ALL REQ'D | LUMP SUM | FERRY WATER SUPPLY LINE |
| 457(1) | 150 | L.F. | REMOVAL OF CULVERTS |

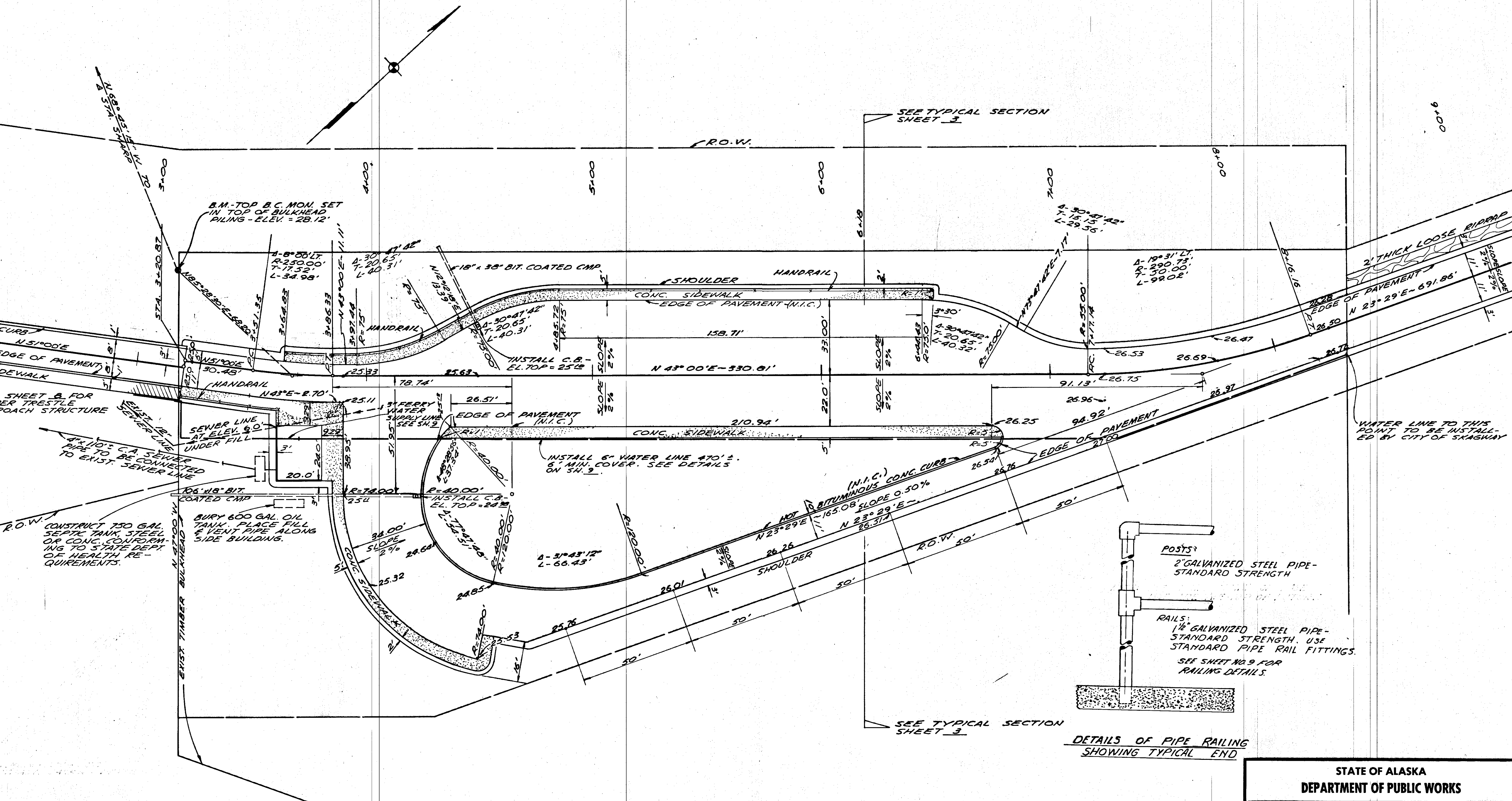
* 12 Gage



TYPICAL SECTION OF IMPROVEMENTS
 SCALE: 1"=5'

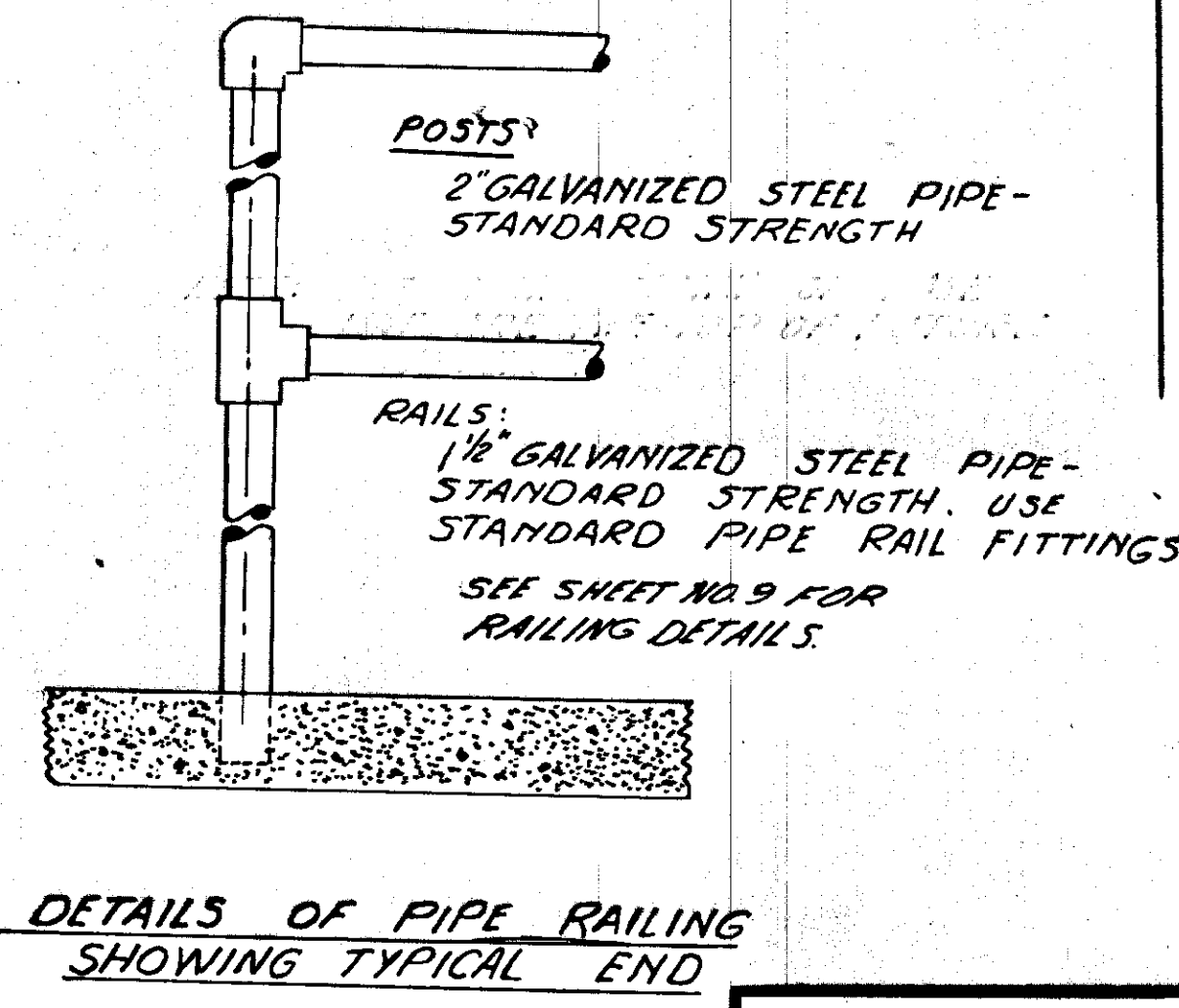


WIDTH VARIES - SEE DETAIL DIMENSIONS ON PLAN SH. 6



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

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

SKAGWAY FERRY TERMINAL
PROJECT NO. S-0999(4)

HOLDING AREA - GENERAL PLAN

Scale: As Noted Sheet 6... Of 16...

TONER & NORDLING Registered Engineers Juneau

2" CONDUIT TO BRIDGE. WIRE AS FOLLOWS:
 5-#8 TO BRIDGE HOIST MOTOR
 3-#10 (COMMON NEUTRAL)
 BRIDGE LIGHTS & TOWER FLOODLIGHTS - RANGE LIGHTS

30' WOOD POLE - CLASS #3 OR EQUAL. ALASKA YELLOW CEDAR OR WESTERN RED CEDAR BUTT TREATED - SET 3' DEEP. TYPICAL EACH POLE. SEE TYPICAL SECTION BELOW.
 USE G.E. M400 LUMINAIRES OR EQUAL WITHOUT PHOTOCELL OUTLET CONNECTION WITH COLOR CORRECTED MERCURY TUBES & 6' STREET LIGHT BRACKET. G.E. OR EQUAL. TYP. EA. POLE
 2-#8 DIRECT BURIAL

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 21550 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 |

TRESTLE APPROACH STRUCTURE

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

SCOTCH CAST "T" CONNECTION

LANE STRIPING (NOT IN CONTRACT)

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

1" CONDUIT FOR TELEPHONE TO WAITING ROOM BLDG.

POWER POLE TO BE SET BY LOCAL UTILITY CO. SERVICE TO THIS POINT N.I.C.

SEE ELECTRICAL LAYOUT FOR BLDG. ON SHEET 1061

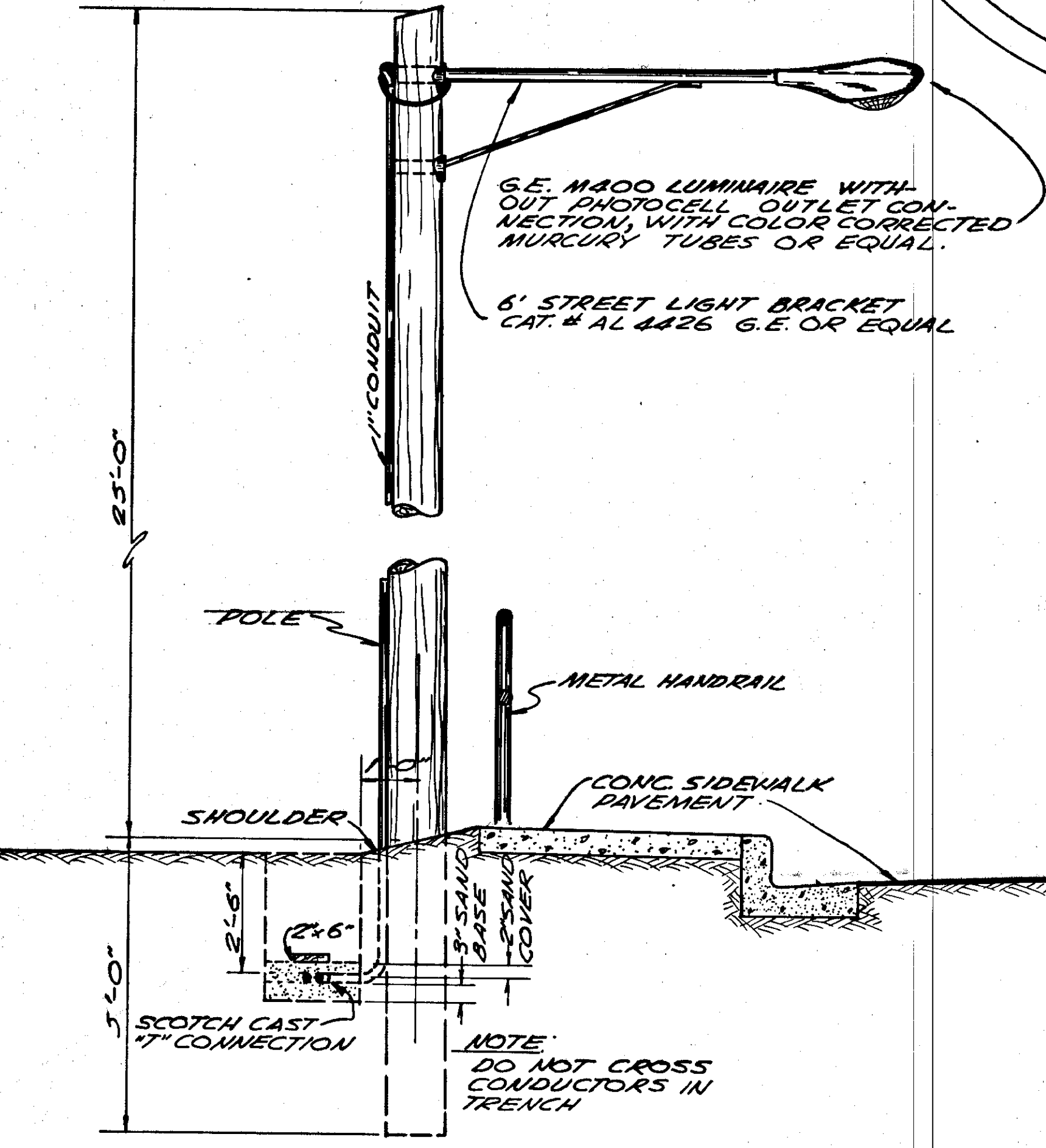
METER LOCATION - 200 AMP EXTENDED RANGE METER SOCKET. CLEAR WITH UTILITY CO. ON LOCATION.

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

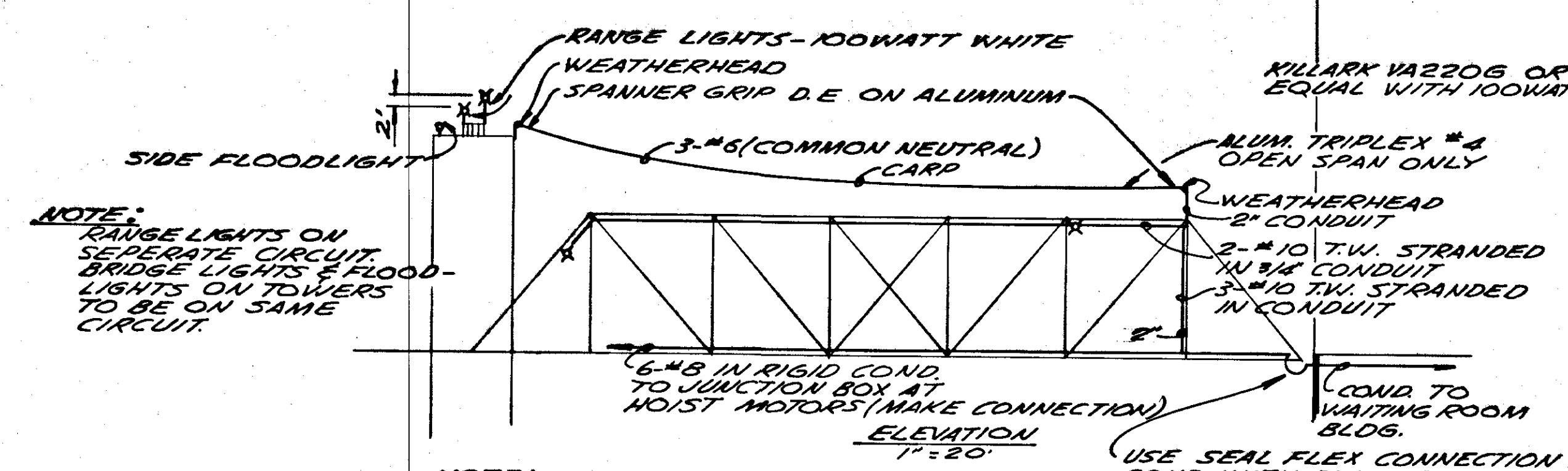
STRIPING & LIGHTING PLAN
 SCALE: 1" = 20'

ELECTRICAL WORK SEAWARD FROM THIS POINT TO BE PAID FOR UNDER ITEM 603(2).
 ELECTRICAL WORK TO THIS POINT (ITEM 603(1))

KILLARK VAZZOG OR EQUAL WITH 100WATT & RED GLASS. TO BE MOUNTED ON A 4"x6" 6" HIGH BOLT 4"x4" TO END POST OF HANDRAIL.



TYPICAL SECTION
 NOT TO SCALE

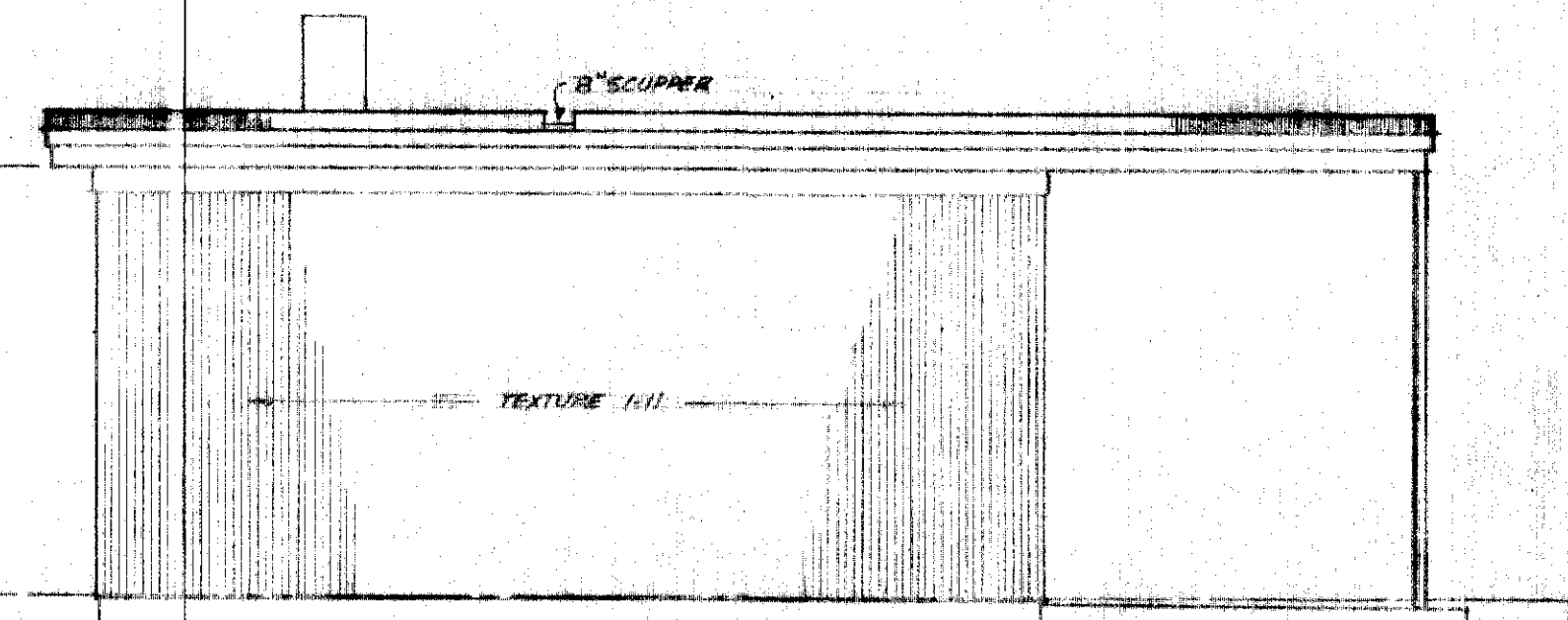
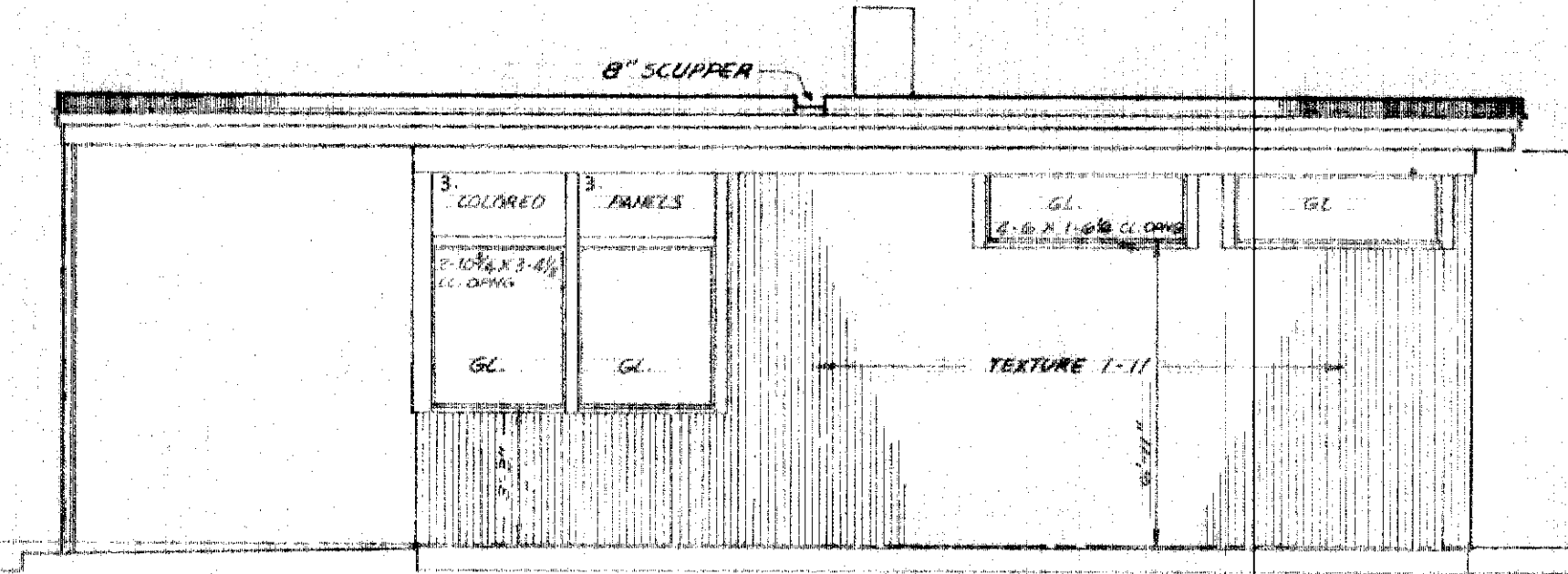
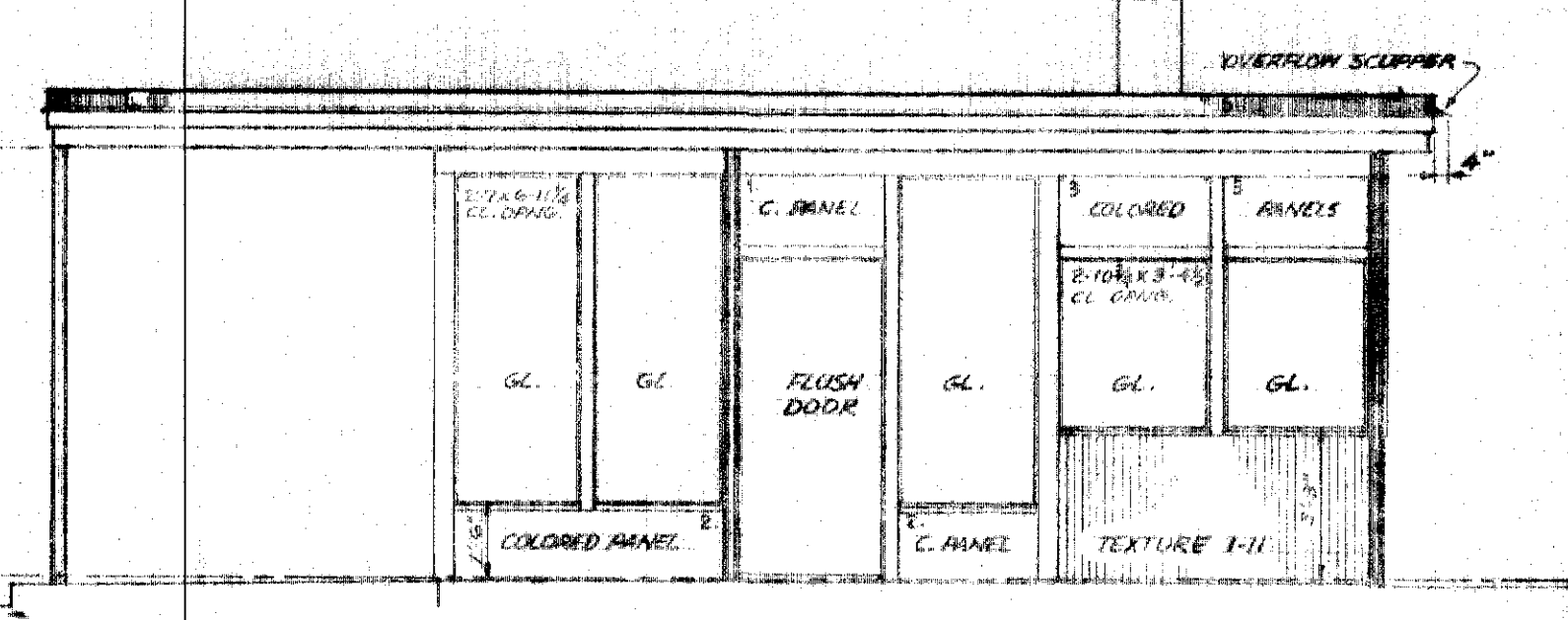
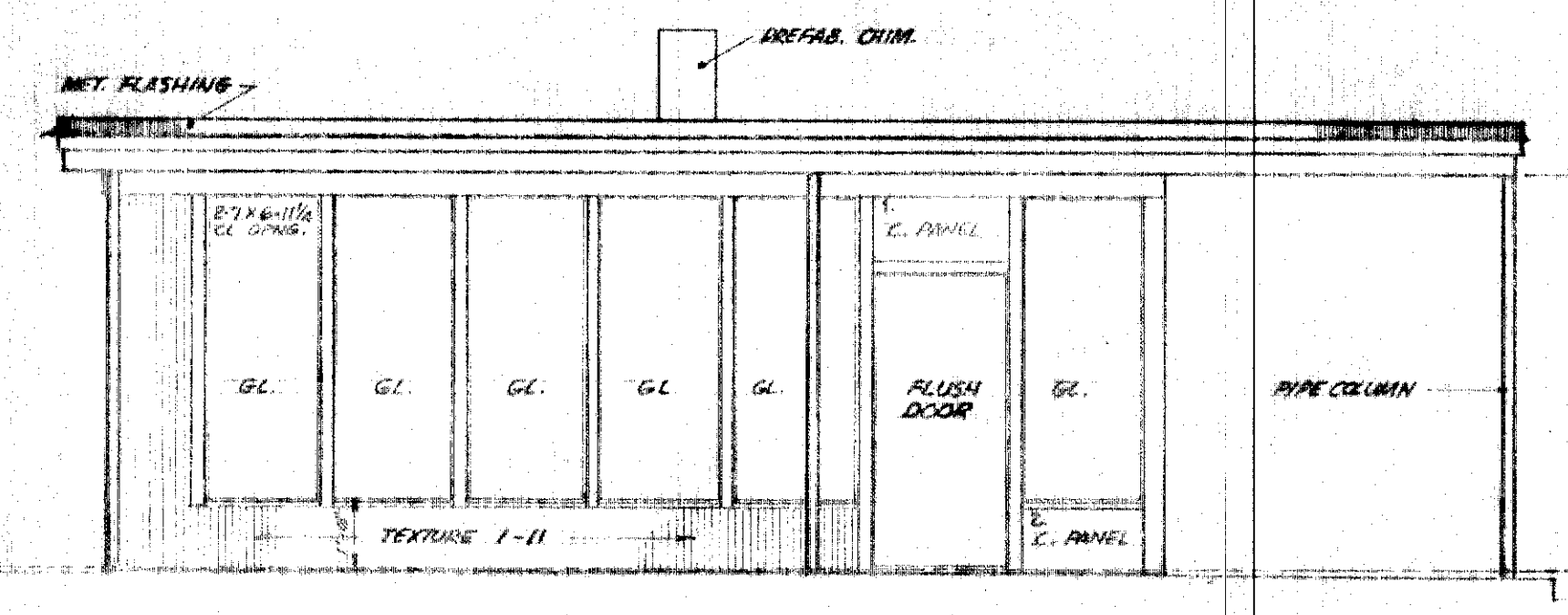
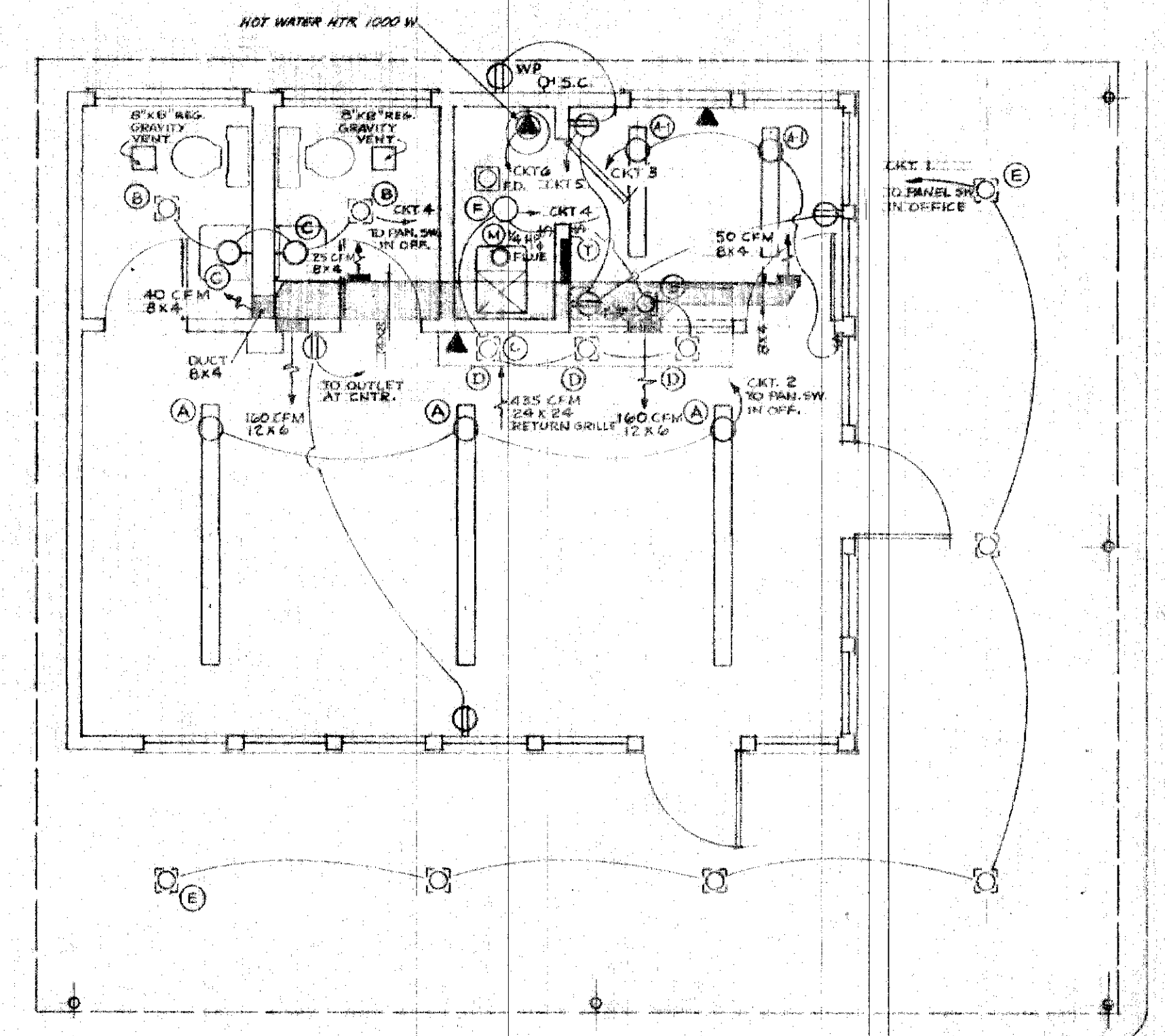
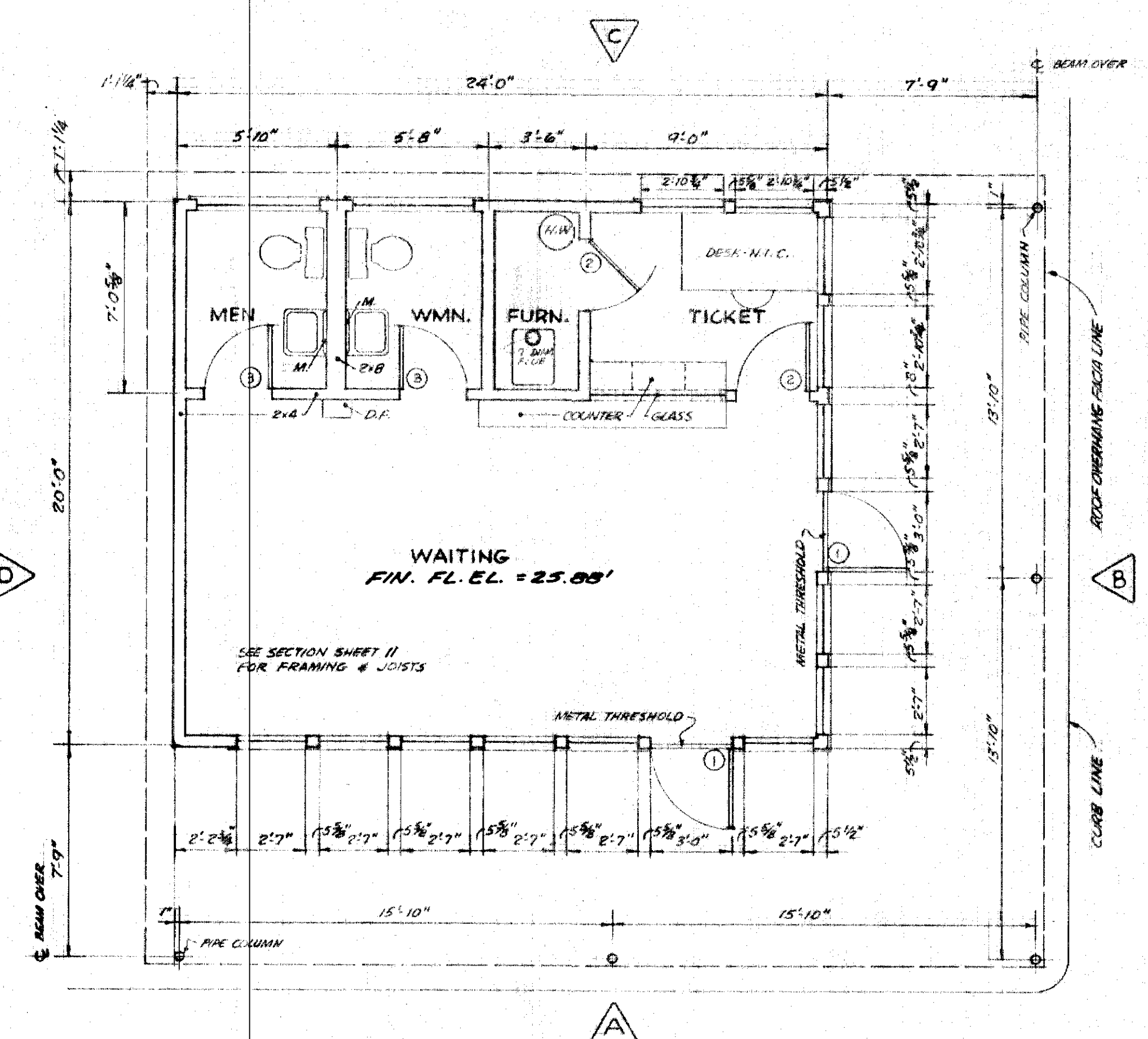
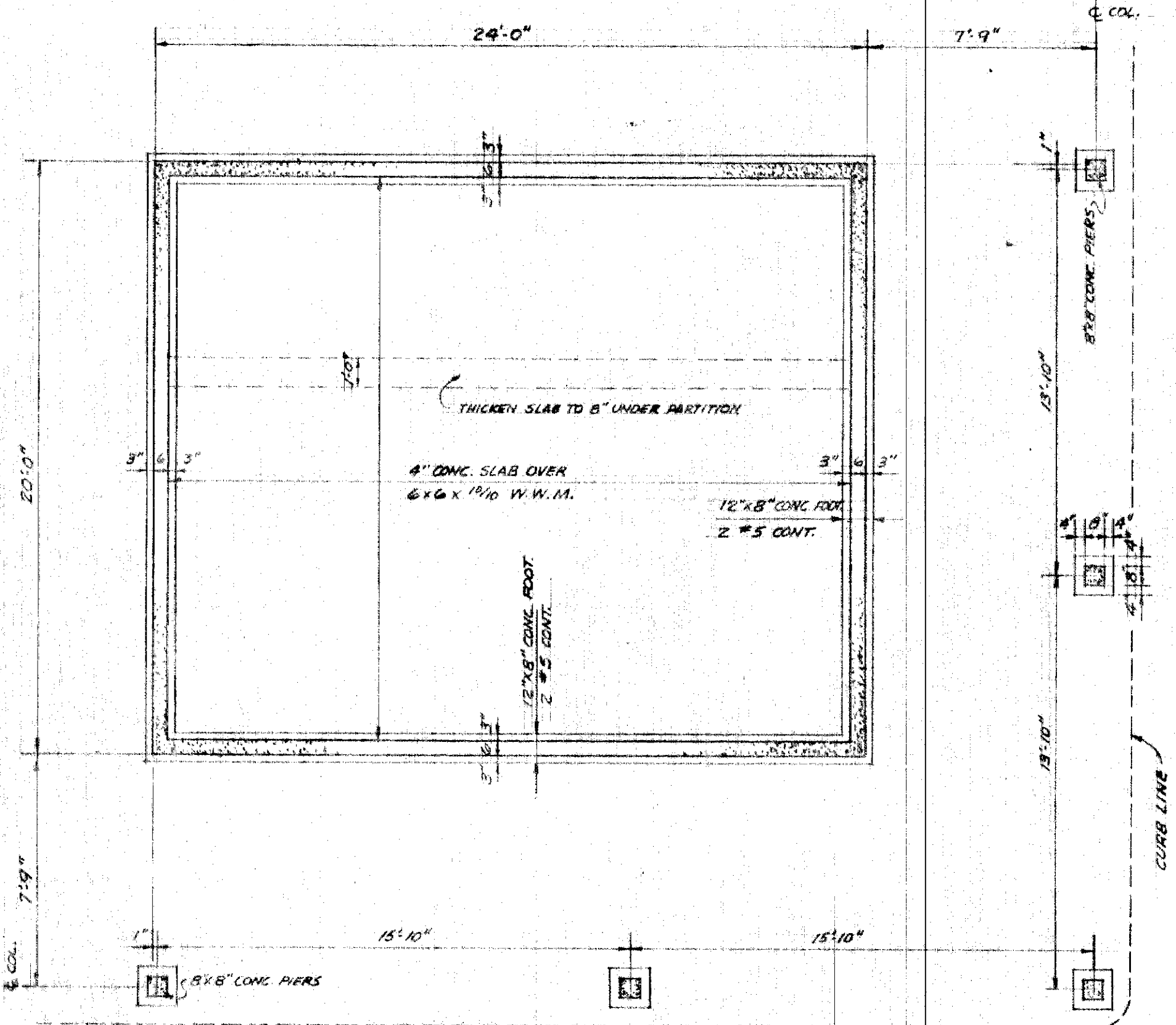


SCHEMATIC-BRIDGE LIGHTING

NOTE: ALL CONDUIT SHALL BE GALV. RIGID CONDUIT.

KILLARK VAZZOG OR EQUAL WITH 100WATT & GREEN GLASS. TO BE MOUNTED ON A 4"x6" 6" HIGH BOLT 4"x4" TO END POST OF HANDRAIL.

STATE OF ALASKA
 DEPARTMENT OF PUBLIC WORKS
 SOUTHEAST ALASKA FERRY SYSTEM
 SKAGWAY FERRY TERMINAL
 PROJECT NO. S-0999(4)
STRIPING & LIGHTING PLAN
 Scale: As Noted Sheet ...7... Of ...16...
 TONER & NORDLING - Registered Engineers Juneau



ROOM FINISH SCHEDULE

| SPACE | SURFACE | MATERIAL | FINISH | COLOR |
|-----------|----------|-----------------|------------------------------|--|
| WAITING | FLOOR | VINYL ASB. | | MATICO MARBLEIZED 3030 |
| | CEILING | ACOUST. TILE | | |
| | WALLS | GYP. BD. | PAINT | PRESERV. PAINT CO. C-256 FROST |
| | WAINSCOT | P. FIN. HD. BD. | | MARLITE C-19 PARCHMENT |
| | TRIM | MET. # WD. | PAINT | GEN. PAINT 3916 BURN'T UMBER |
| | BASE | RUBBER | | BLACK |
| TICKET | FLOOR | VINYL ASB. | | MATICO MARBLEIZED 3030 |
| | CEILING | ACOUST. TILE | | |
| | WALLS | GYP. BD. | PAINT | PRESERV. PAINT CO. C-256 FROST |
| | WAINSCOT | P. FIN. HD. BD. | | MARLITE C-19 PARCHMENT |
| | TRIM | MET. # WD. | PAINT | GEN. PAINT 3916 BURN'T 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 3916 BURN'T UMBER |
| | BASE | RUBBER | | BLACK |
| TOILETS | FLOOR | VINYL ASB. | | MATICO MARBLEIZED 3030 |
| | CEILING | GYP. BD. | PAINT | PRESERV. PAINT CO. C-256 FROST |
| | WALLS | P. FIN. HD. BD. | | MARLITE C-19 PARCHMENT |
| | TRIM | METAL | PAINT | GEN. PAINT 3916 BURN'T UMBER |
| | BASE | RUBBER | | BLACK |
| EXTERIOR | SOFFIT | CPA. ASB. BD. | PAINT | WHITE SLIGHTLY TINTED WITH HIGH GLOSS |
| | WALLS | TEXTURE 1-11 | STAIN | OLYMPIC STAIN WOOD BLEND, 2 COATS |
| | PANELS 1 | FLY WD. | PAINT | GEN. PAINT 2082 CASE FINE RED |
| | PANELS 2 | FLY WD. | PAINT | GEN. PAINT 3916 CP CHROME YELLOW 1ST LET DOWN CHIP |
| | PANELS 3 | FLY WD. | PAINT | GEN. PAINT 3916 TRUSSARDI BLUE |
| TRIM | WOOD | PAINT | GEN. PAINT 3916 BURN'T UMBER | |
| FIN. COIL | METAL | PAINT | GEN. PAINT 3916 BURN'T 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 3/8" FLUSH BIRCH
- ③ 2'-6" x 6'-8" x 1 3/8" FLUSH BIRCH

ELECTRICAL FIXTURE SCHEDULE

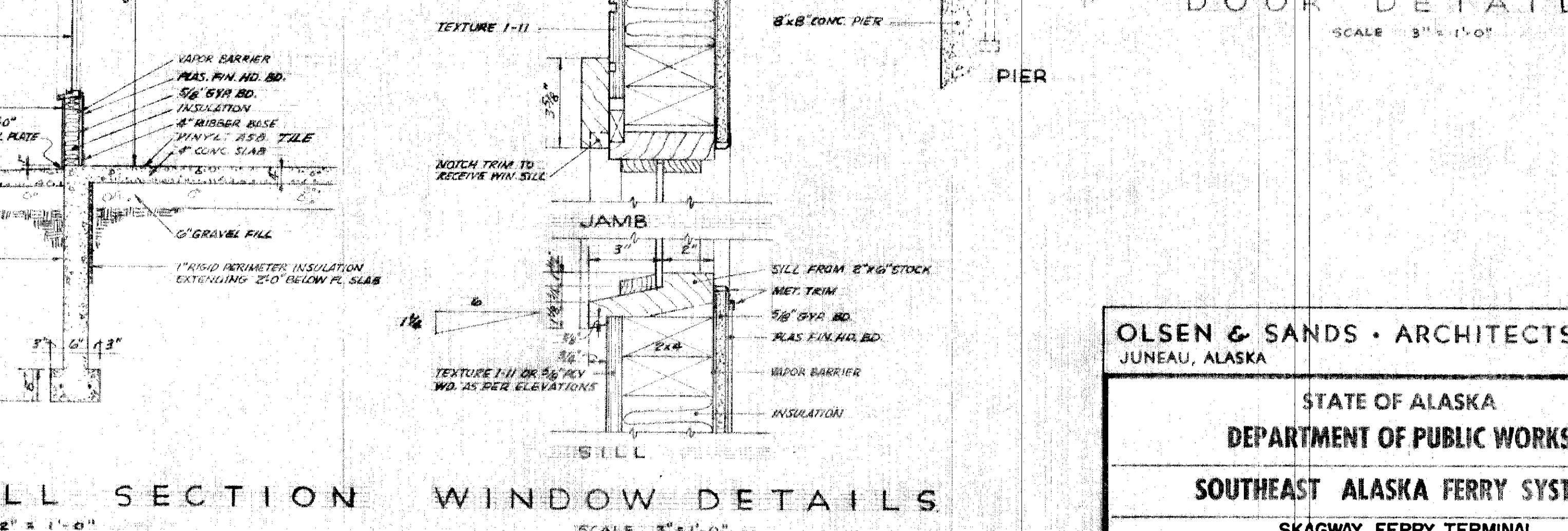
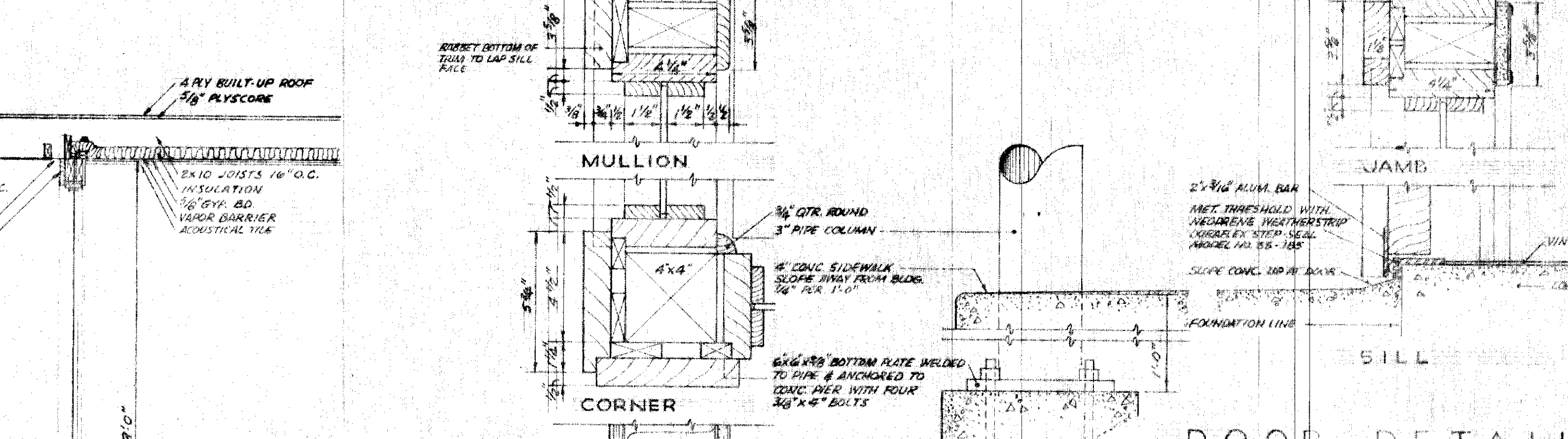
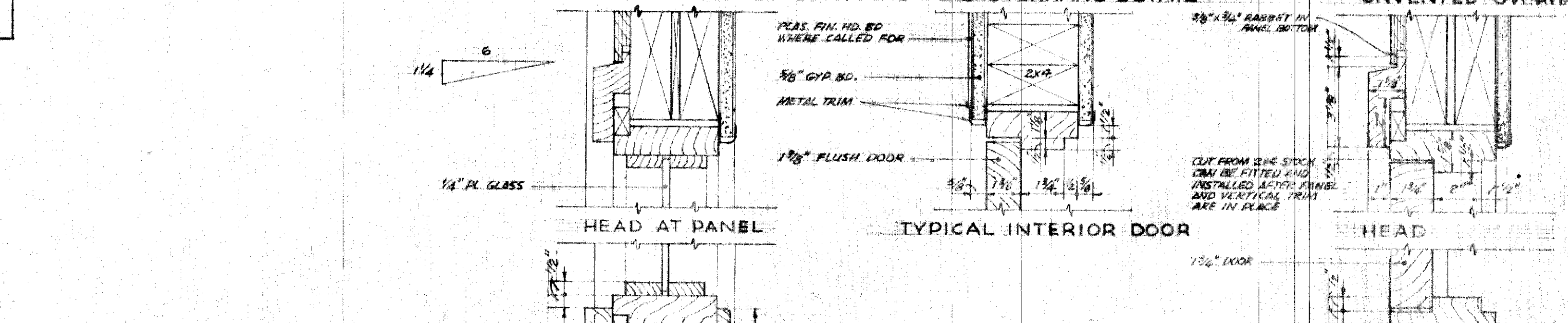
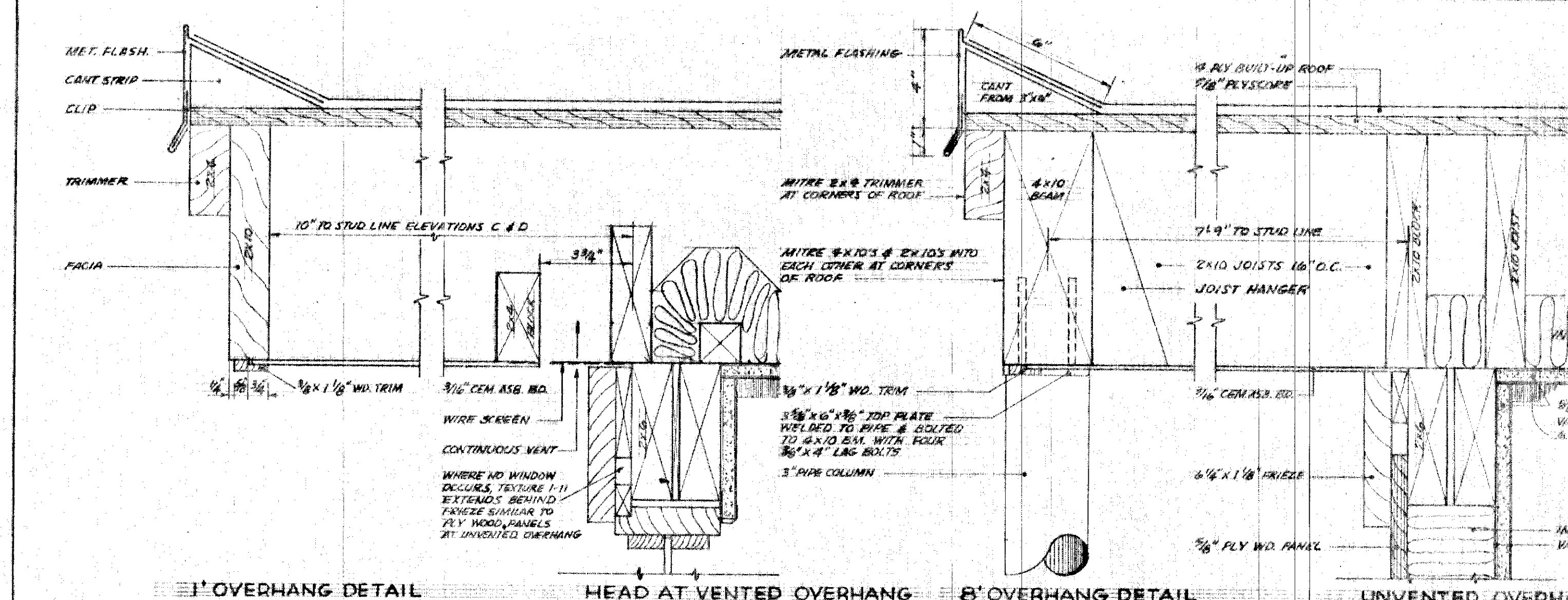
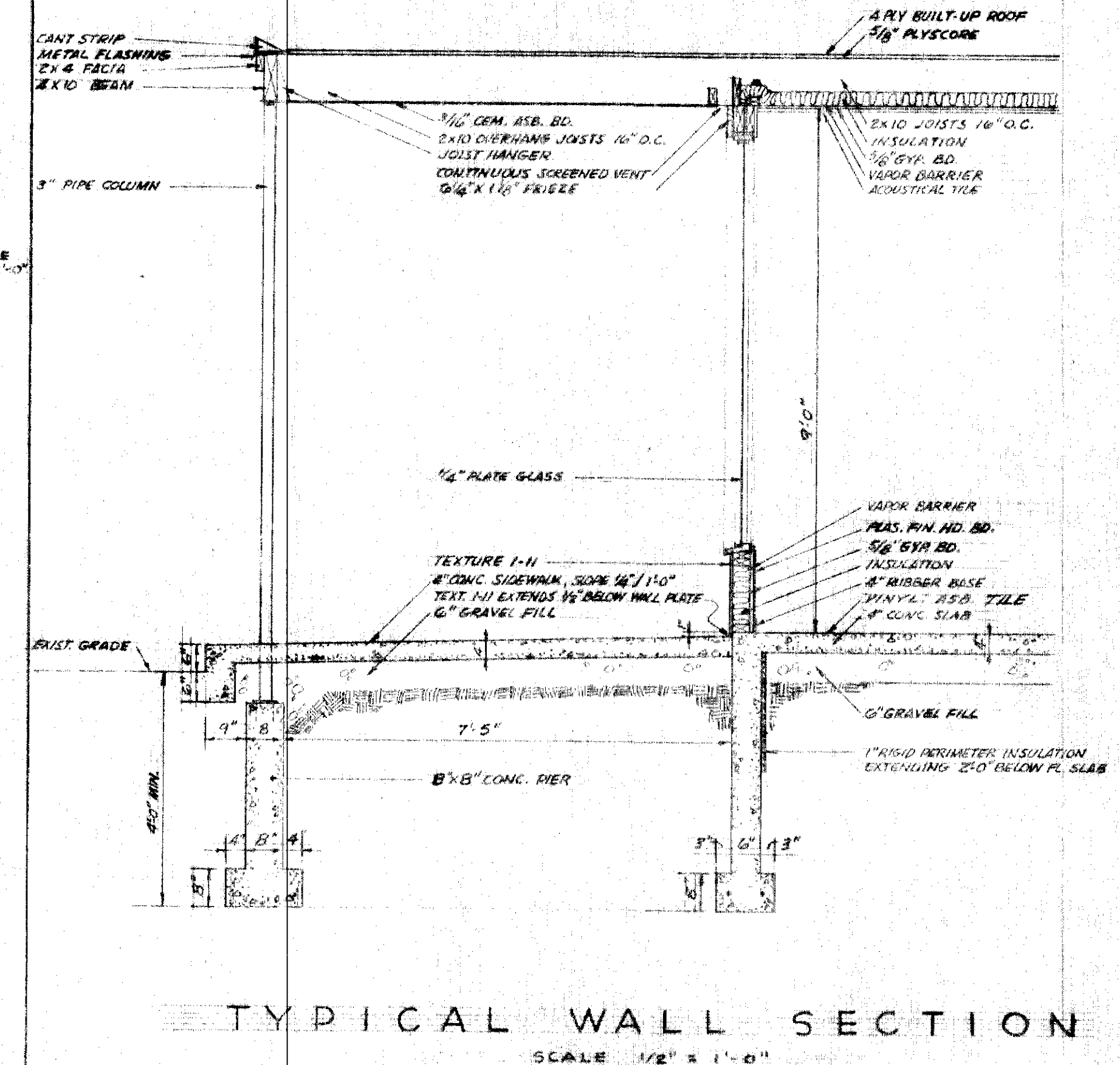
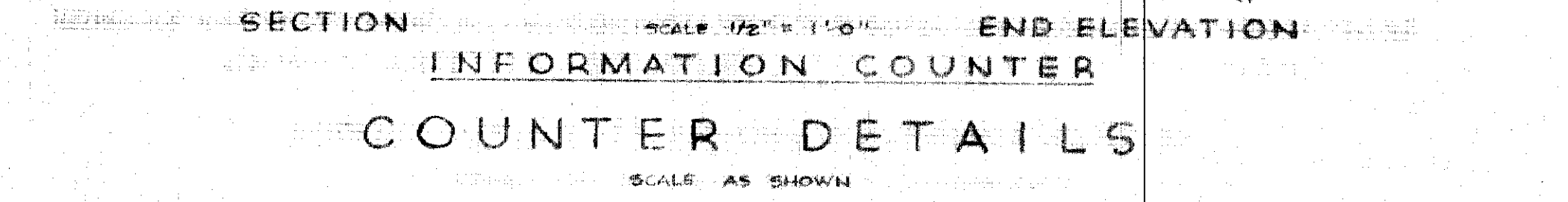
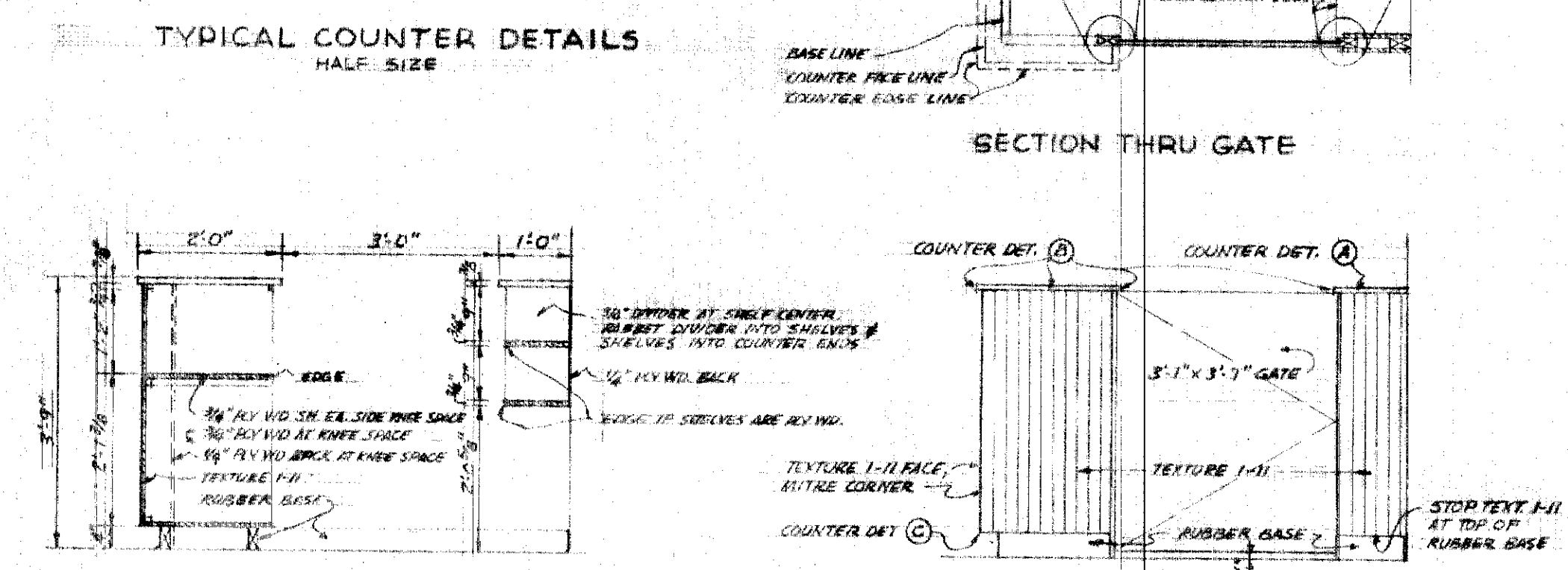
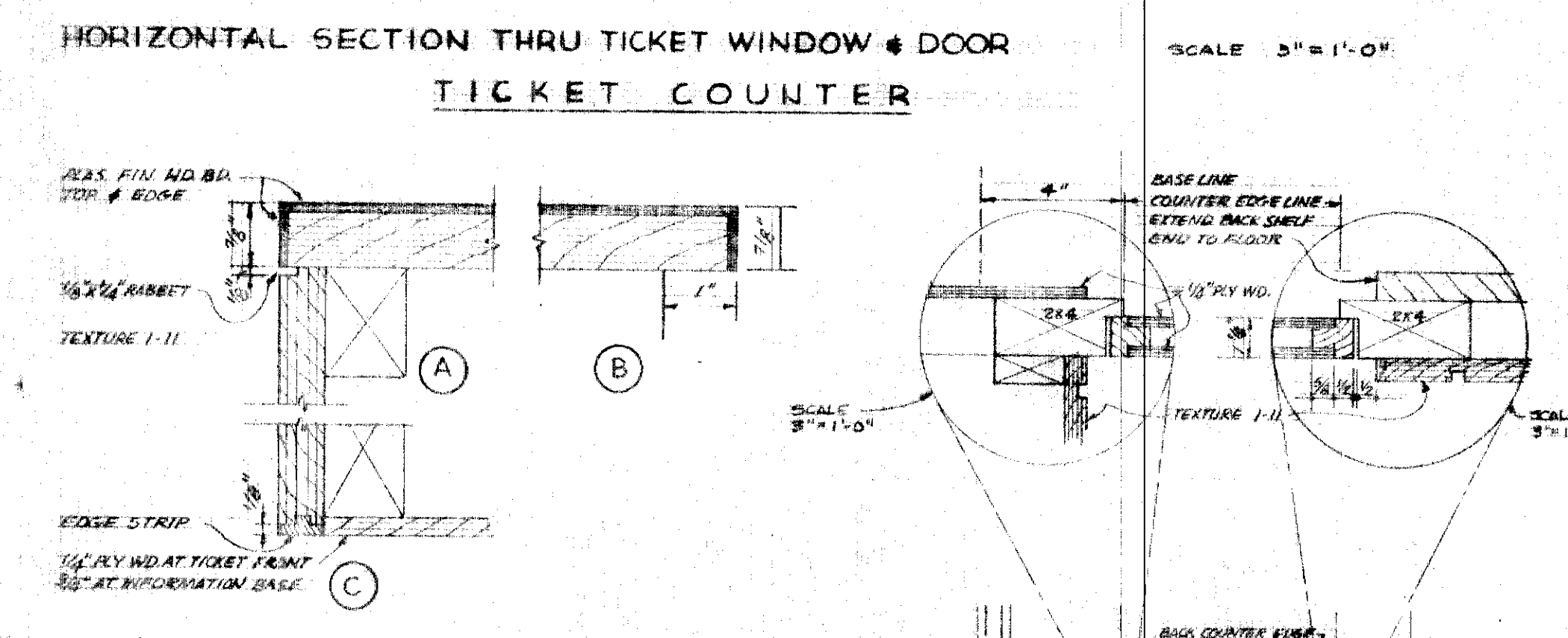
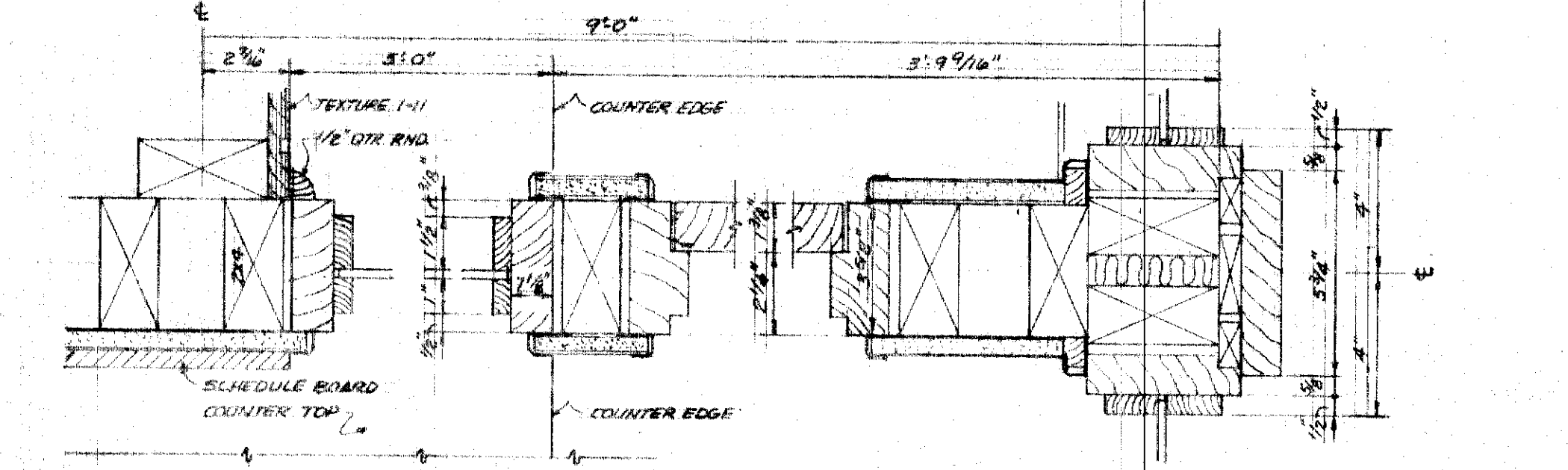
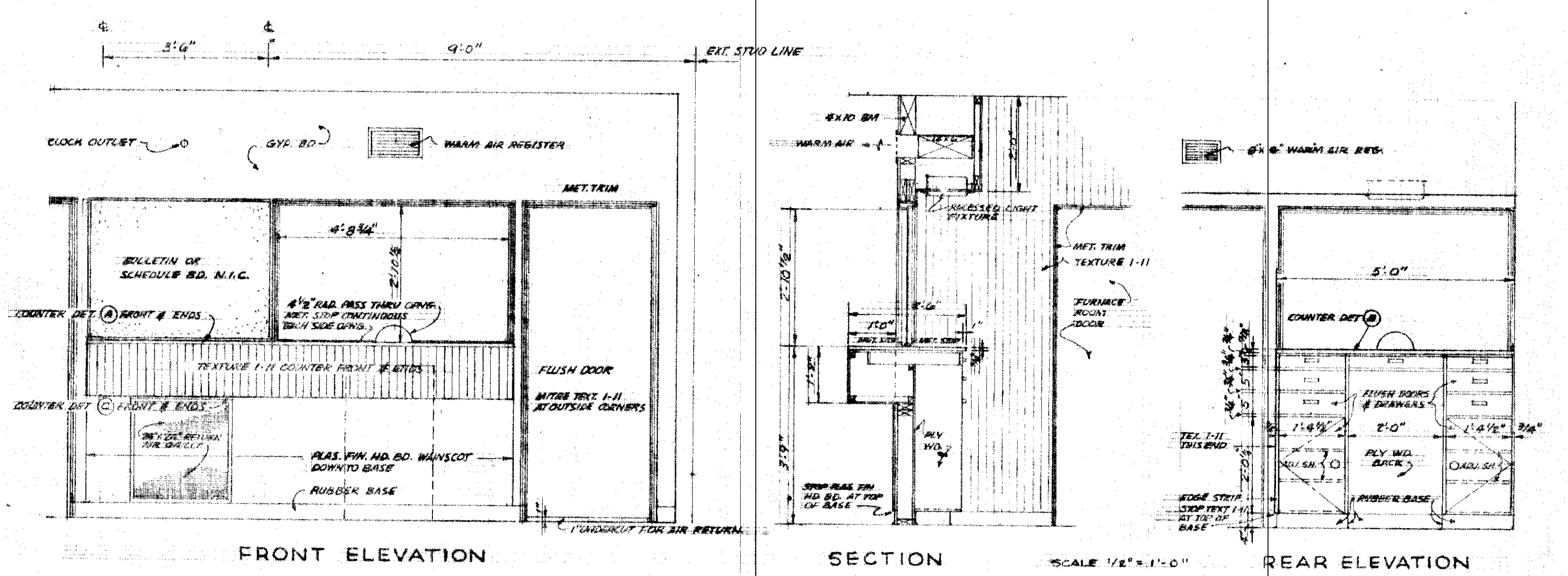
- (A) BENJAMIN CT 4144-B (A1) CT 4144-4
- (B) PRESCOLITE 1015-6315 150 W
- (C) MOE M 749 60 W
- (D) PRESCOLITE 300 75 W
- (E) PRESCOLITE 488-6600 100 W
- (F) PORCELAIN RECEPTACLE 100 W

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

STATE OF ALASKA
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SOUTHEAST ALASKA FERRY SYSTEM

SKAGWAY FERRY TERMINAL
PROJECT NO. S-0999(4)
WAITING RM. BLDG. DETAILS

Scale: As Noted Sheet 10.. OF 16
TONER & NORDLING • Registered Engineers • Juneau



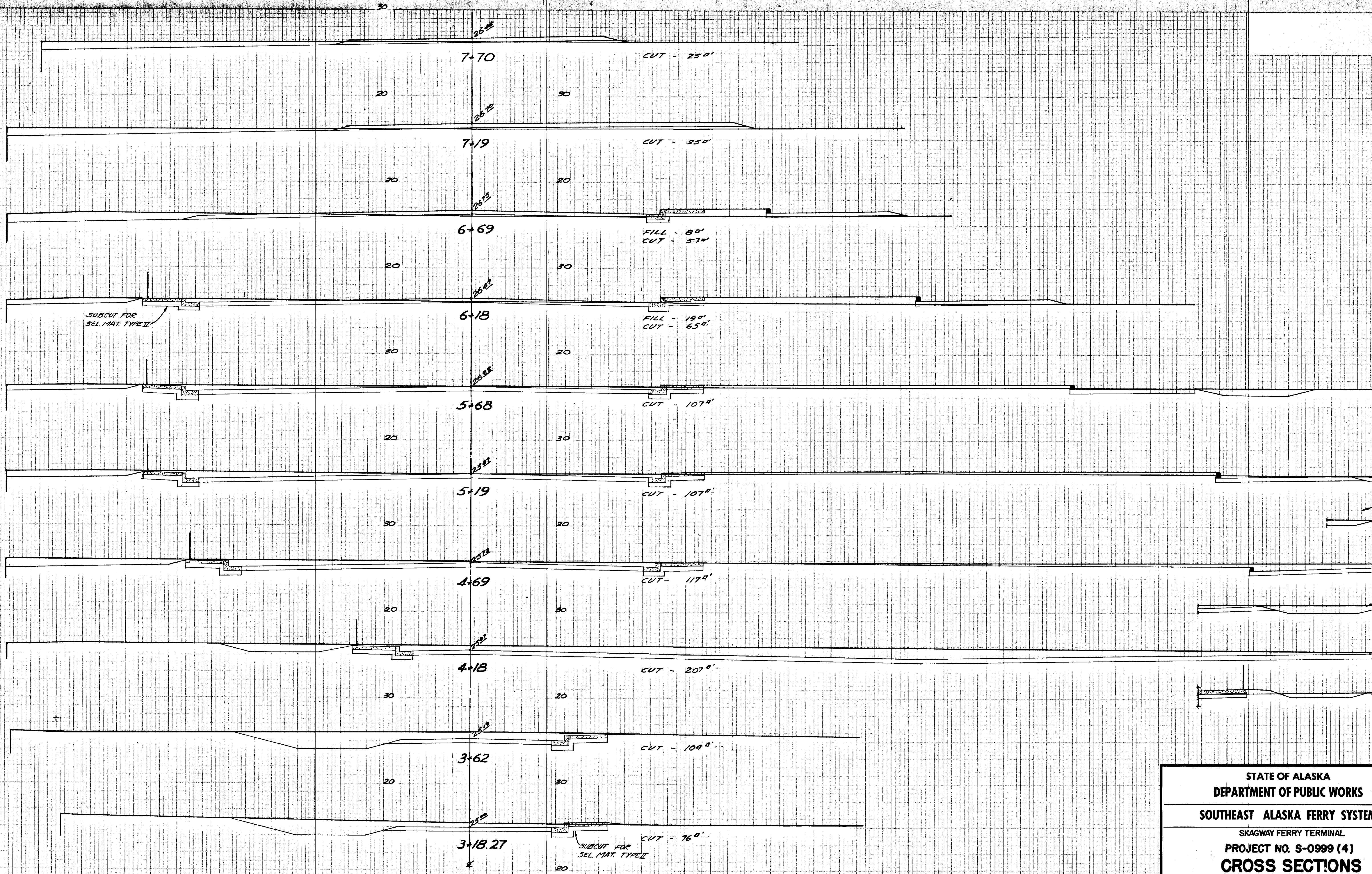
OLSEN & SANDS • ARCHITECTS •
 JUNEAU, ALASKA

STATE OF ALASKA
 DEPARTMENT OF PUBLIC WORKS

SOUTHEAST ALASKA FERRY SYSTEM
 SKAGWAY FERRY TERMINAL
 PROJECT NO. S-0999 (4)
WAITING RM. BLDG. DETAILS

Scale: As Noted
 Sheet JK

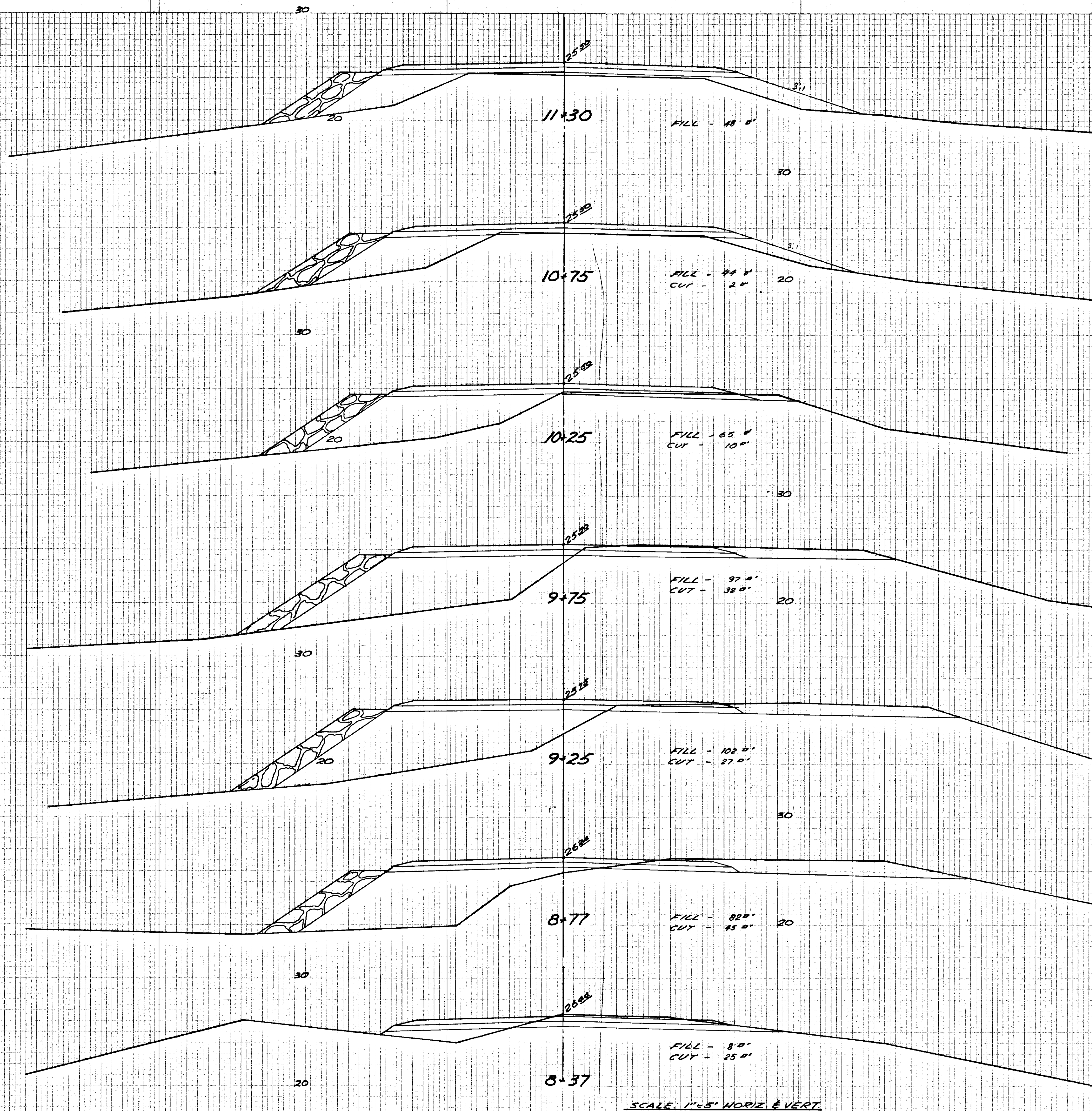
TONER & NORDLING • Registered Engineers



SCALE: 1" = 5' HORIZ. & VERT.

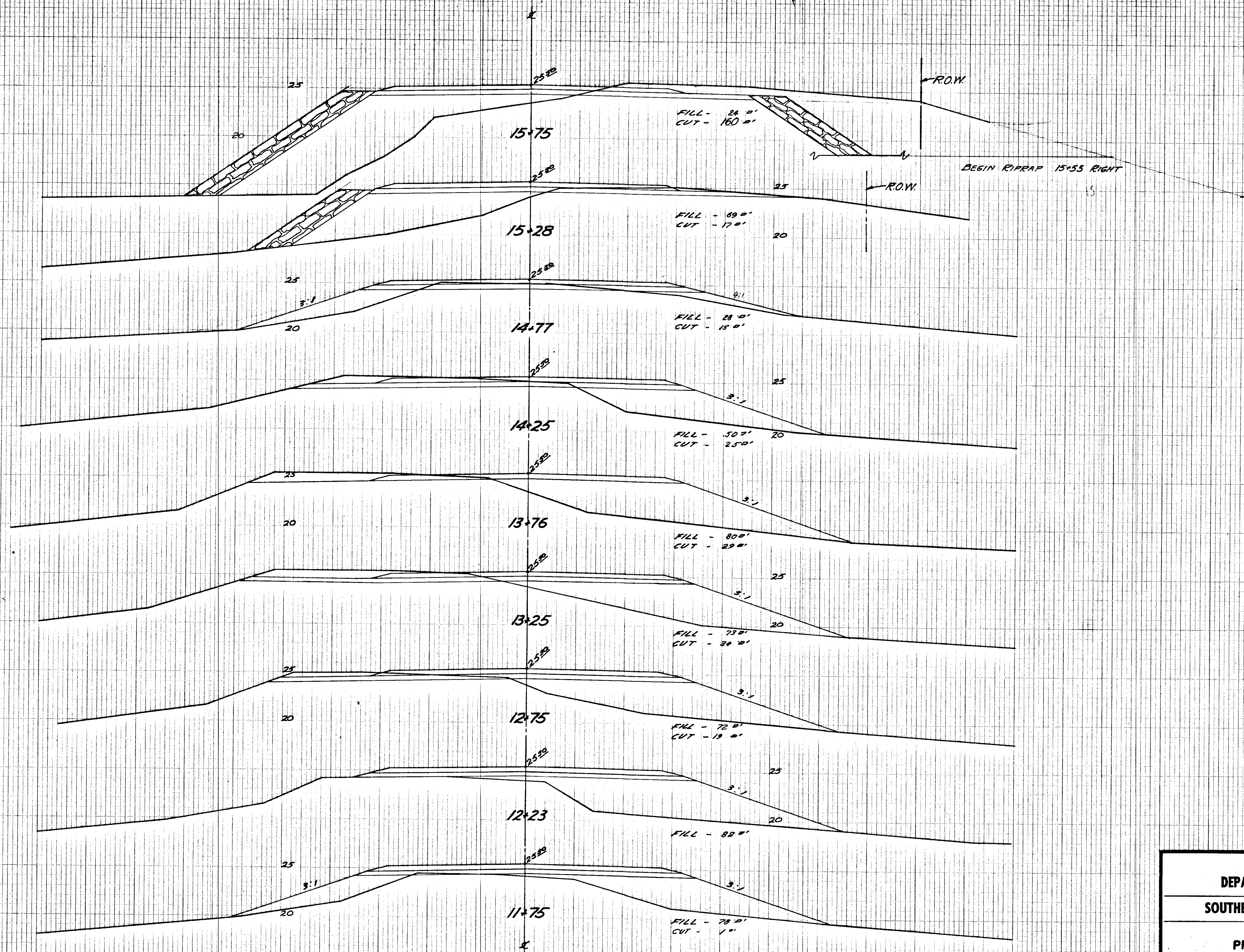
STATE OF ALASKA
 DEPARTMENT OF PUBLIC WORKS
 SOUTHEAST ALASKA FERRY SYSTEM
 SKAGWAY FERRY TERMINAL
 PROJECT NO. S-0999 (4)
CROSS SECTIONS
 Scale: As Noted Sheet 12
 TONER & NORDLING Registered Engineers

STATE OF ALASKA CROSS SECTION QUALITY STANDARD
 BRUNNEN & EDGEE CO., NEW YORK



STATE OF ALASKA
 DEPARTMENT OF PUBLIC WORKS
 SOUTHEAST ALASKA FERRY SYSTEM
 SKAGWAY FERRY TERMINAL
 PROJECT NO. S-0999 (4)
CROSS SECTIONS
 Scale As Noted Sheet 13...
 TONER & NORDLING Registered Engineers

PLATE 3: CROSS SECTION (S.E.R. & T. STANDARD)
 REGISTERED ENGINEERS, NEW YORK
 100 WEST 114th ST.

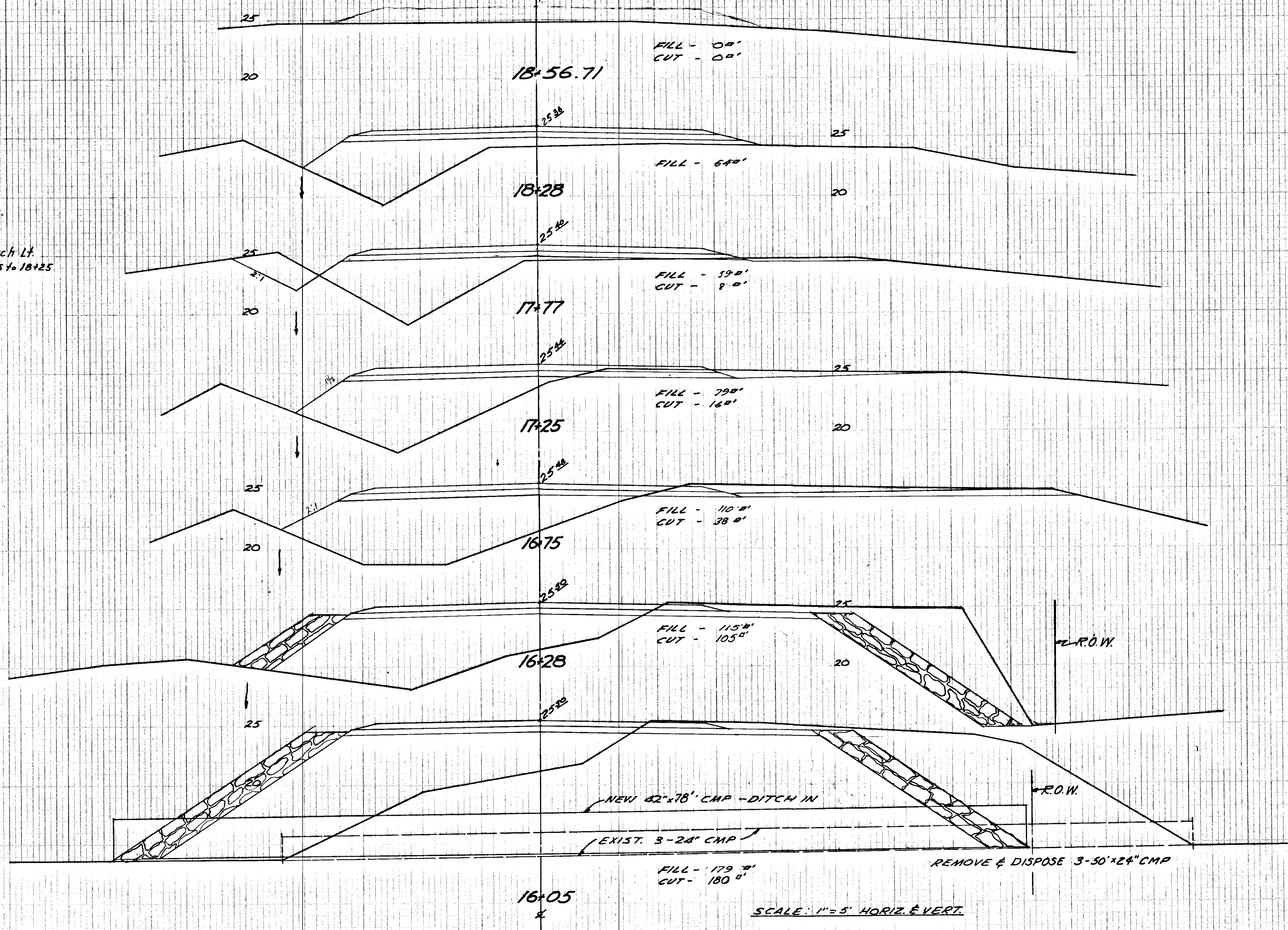


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 SOUTHEAST ALASKA FERRY SYSTEM
 SKAGWAY FERRY TERMINAL
 PROJECT NO. S-0999 (4)
CROSS SECTIONS
 Scale As Noted Sheet 14 of 17
 TONER & NORDLING Registered Engineers/Jur.

PLATE 3 - CROSS SECTION G.P.R. & R.F. STANDARD
 KEUFFEL & ESSER CO., NEW YORK.

SURVEY PLOTTED
 NOTE BOOK NO. 1
 NO. 1
 AREAS CHECKED

Spec. Ditch Lt.
 Sta 17+25 to 18+25



SCALE: 1" = 5' HORIZ. & VERT.

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