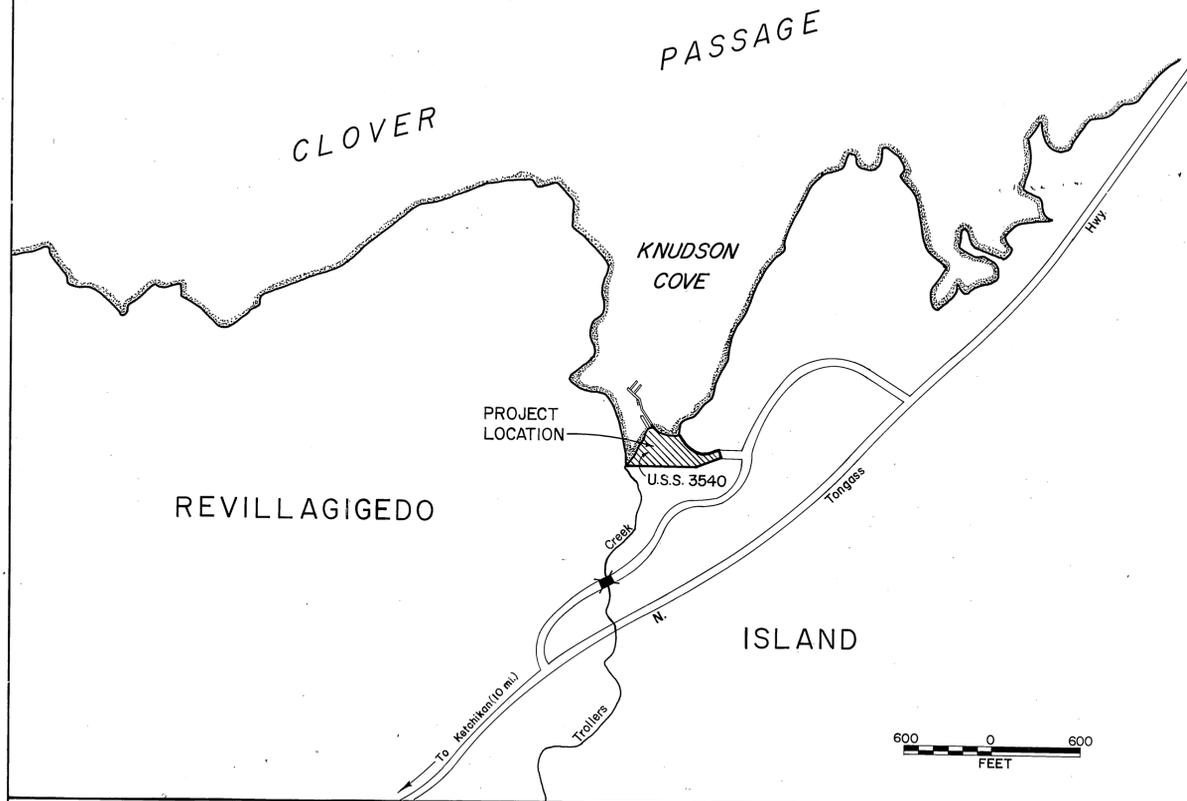
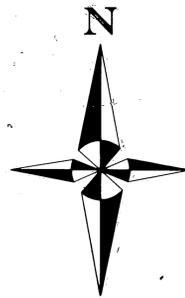


# KETCHIKAN - KNUDSON COVE PARKING LOT EXPANSION PROJECT NO. K-31171 (67644)

## "As-Built" Plans

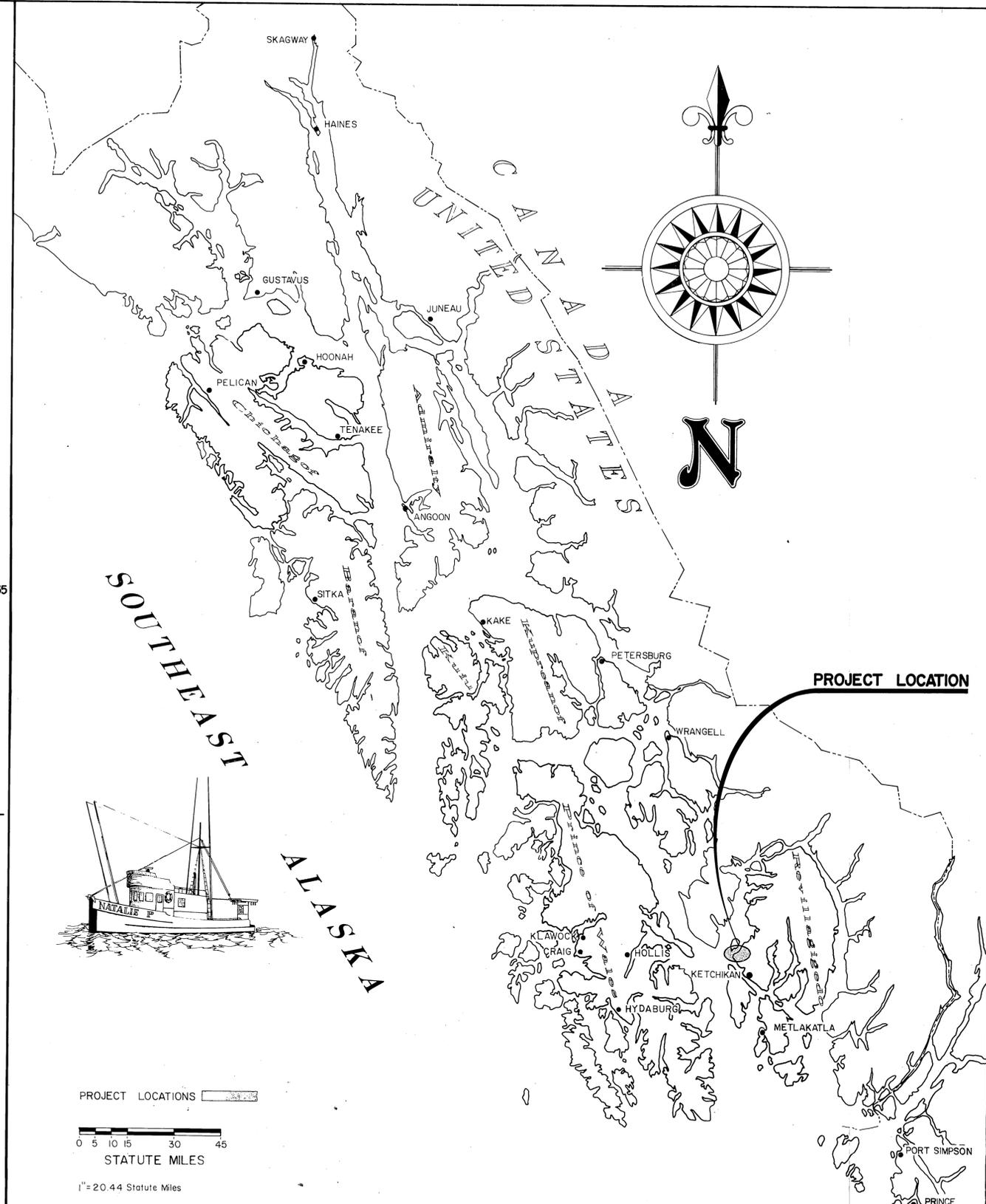
Contractors: Wyman Construction  
 Proj. Engr.: D.F. Robbins  
 Began: 10-2-85  
 Complete: 1-31-86



### WORK SUMMARY

**BASIC PROJECT:**  
 Project consists of work to enlarge and improve the existing parking area at Knudson Cove State float and launch facility. Items include the following:  
 - 11,000 cu. yds. of excavation and 9,150-5235 cu. yds. of embankment (4,350 cu. yds. of waste). **5765**  
 - 0.72 acres of seeding and slope stabilization.  
 - One manhole and culvert extension.  
 - Relocate exist. facility sign.  
 - Reslope approach embankment.  
 - 40 cu. yds. of rock riprap slope protection.  
**2359 C.Y. Borrow**

**ALTERNATES:**  
 1) 1620 cu. yds. of select material for 6" base.  
 2) Furnish and install 460 ft. of steel guardrail.  
 3) Construct one (1) 28 ft. long pedestrian stairway with one (1) intermediate landing.



STATE  
OF  
ALASKA

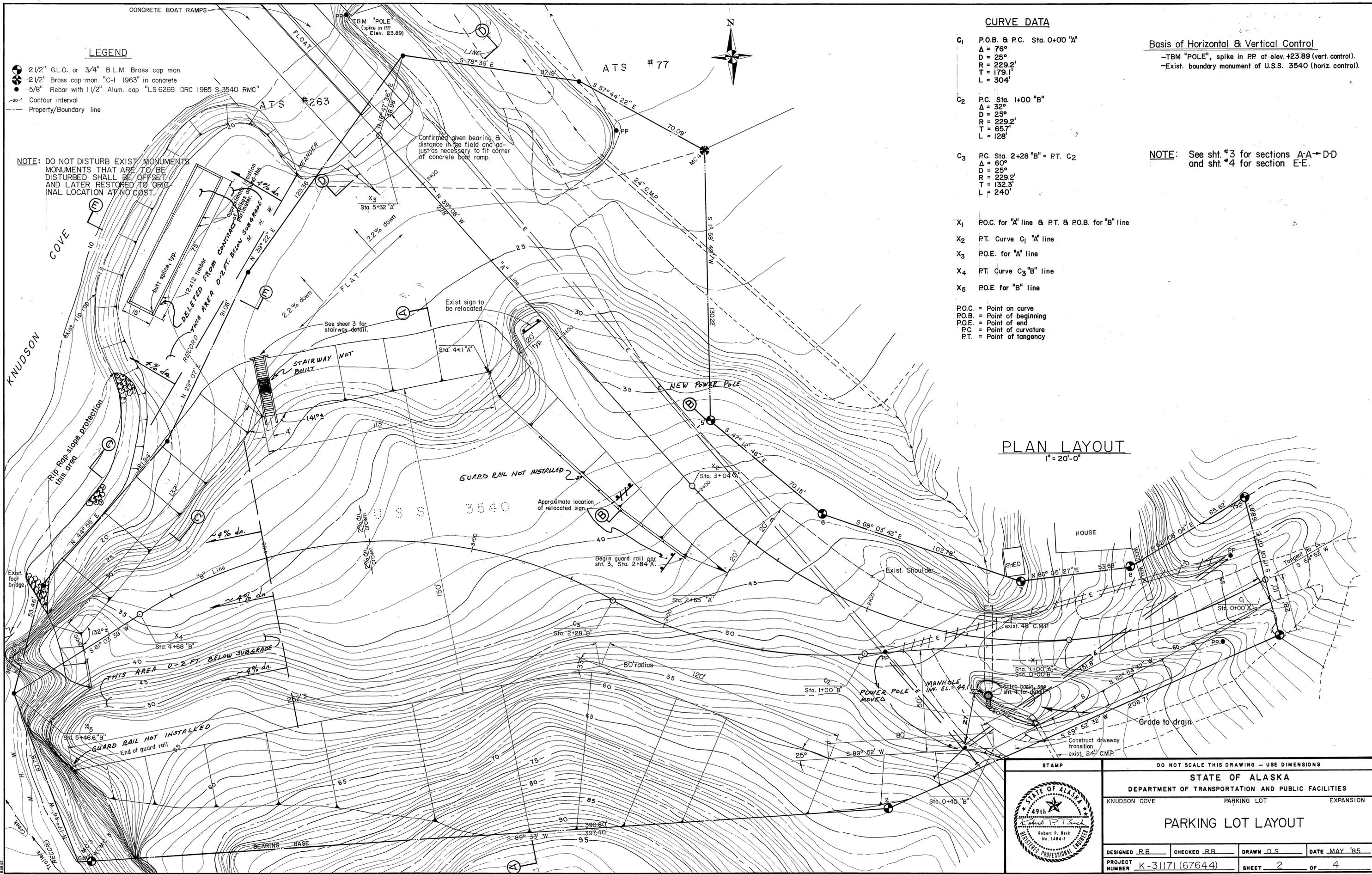
DEPARTMENT OF TRANSPORTATION  
& PUBLIC FACILITIES  
S.E. REGION DESIGN & CONSTRUCTION

**APPROVED**  
*Richard Meyer* 7/16/85  
 Director of E. D.&C. Date  
 Recommend for Approval  
*Robert J. Sed* 7/16/85  
 Group Design Chief Date  
 SHEET 1 of 4

### INDEX TO SHEETS

1	TITLE			
2	PARKING LOT LAYOUT			
3	PROFILE & X-SECTION			
4	MISC. DETAIL			

PROJECT & FILE NO.



**LEGEND**

- 2 1/2" G.L.O. or 3/4" B.L.M. Brass cap mon.
- 2 1/2" Brass cap mon. "C-1 1963" in concrete
- 5/8" Rebar with 1 1/2" Alum. cap "LS 6269 DRC 1985 S-3540 RMC"
- - - Contour interval
- - - Property/Boundary line

**NOTE:** DO NOT DISTURB EXIST. MONUMENTS. MONUMENTS THAT ARE TO BE DISTURBED SHALL BE OFFSET AND LATER RESTORED TO ORIGINAL LOCATION AT NO COST.

Confirmed given bearing & distance in the field and adjusted as necessary to fit corner of concrete boat ramp.

**CURVE DATA**

C<sub>1</sub> P.O.B. & P.C. Sta. 0+00 "A"  
 $\Delta = 76^\circ$   
 $D = 25'$   
 $R = 229.2'$   
 $T = 179.1'$   
 $L = 304'$

C<sub>2</sub> P.C. Sta. 1+00 "B"  
 $\Delta = 32^\circ$   
 $D = 25'$   
 $R = 229.2'$   
 $T = 65.7'$   
 $L = 128'$

C<sub>3</sub> P.C. Sta. 2+28 "B" = P.T. C<sub>2</sub>  
 $\Delta = 60^\circ$   
 $D = 25'$   
 $R = 229.2'$   
 $T = 132.3'$   
 $L = 240'$

- X<sub>1</sub> P.O.C. for "A" line & P.T. & P.O.B. for "B" line
- X<sub>2</sub> P.T. Curve C<sub>1</sub> "A" line
- X<sub>3</sub> P.O.E. for "A" line
- X<sub>4</sub> P.T. Curve C<sub>3</sub> "B" line
- X<sub>5</sub> P.O.E. for "B" line

P.O.C. = Point on curve  
 P.O.B. = Point of beginning  
 P.O.E. = Point of end  
 P.C. = Point of curvature  
 P.T. = Point of tangency

**Basis of Horizontal & Vertical Control**

- TBM "POLE", spike in PP at elev. +23.89 (vert. control).
- Exist. boundary monument of U.S.S. 3540 (horiz. control).

**NOTE:** See sht. #3 for sections A-A to D-D and sht. #4 for section E-E.

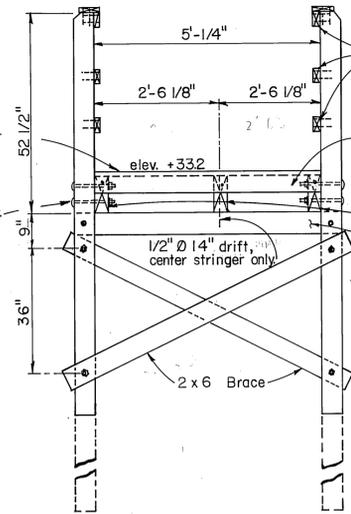
**PLAN LAYOUT**  
 1" = 20'-0"

STAMP		DO NOT SCALE THIS DRAWING - USE DIMENSIONS	
STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES			
KNUDSON COVE		PARKING LOT EXPANSION	
<b>PARKING LOT LAYOUT</b>			
DESIGNED <u>RB</u>	CHECKED <u>RB</u>	DRAWN <u>DS</u>	DATE <u>MAY '85</u>
PROJECT NUMBER <u>K-31171 (67644)</u>		SHEET <u>2</u> OF <u>4</u>	



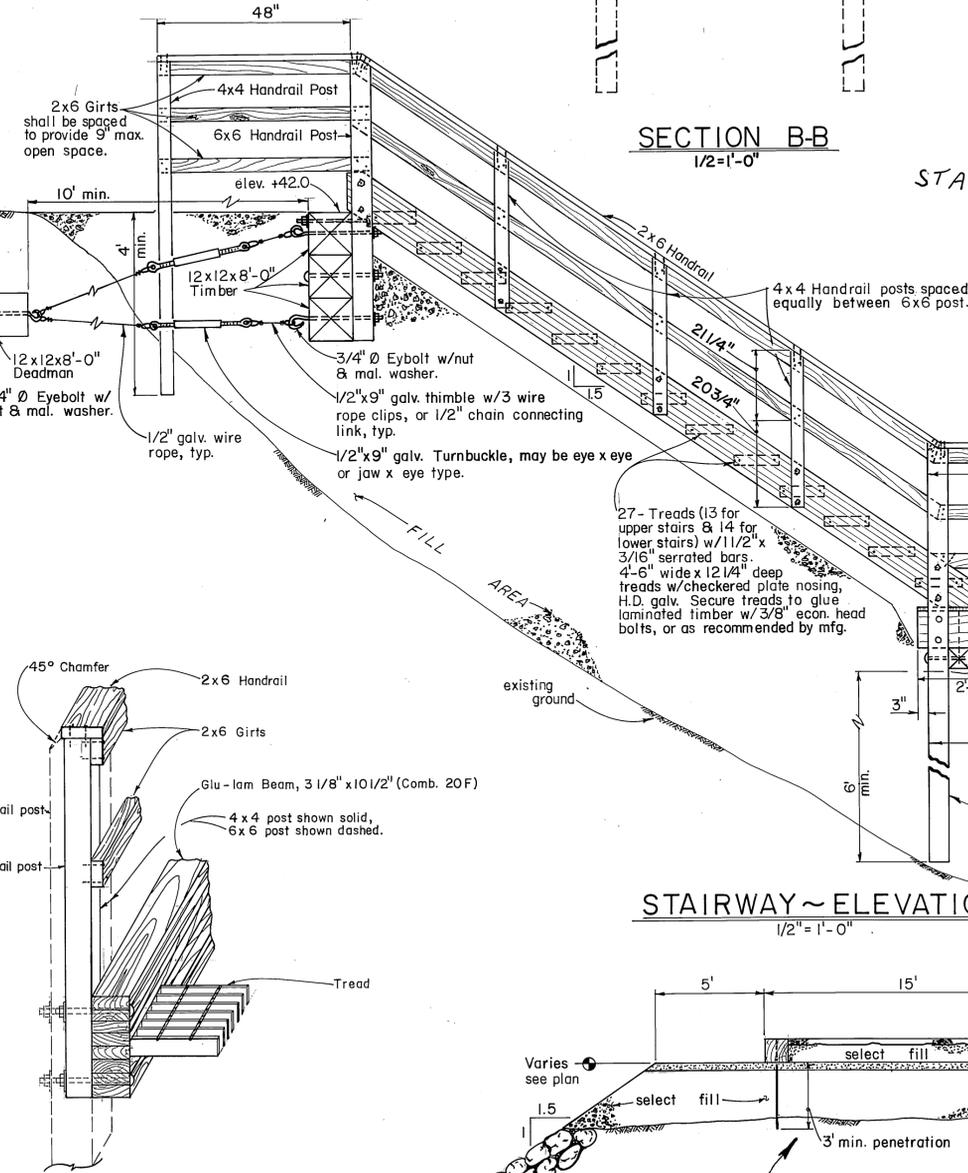
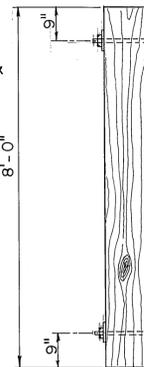
Welded serrated steel grating w/1" x 3/16" x 5'-0" bearing bars at 13/16" o.c. & 1/4" crossbars at 4" o.c. Secure to 4x10 stringer w/3/8" x 6" lag screws & mal. washer, at 1'-6" o.c.

5/8" econ. head bolt w/nuts & mal. washer



SECTION B-B  
1/2"=1'-0"

STAIRWAY NOT INSTALLED THIS PROJECT

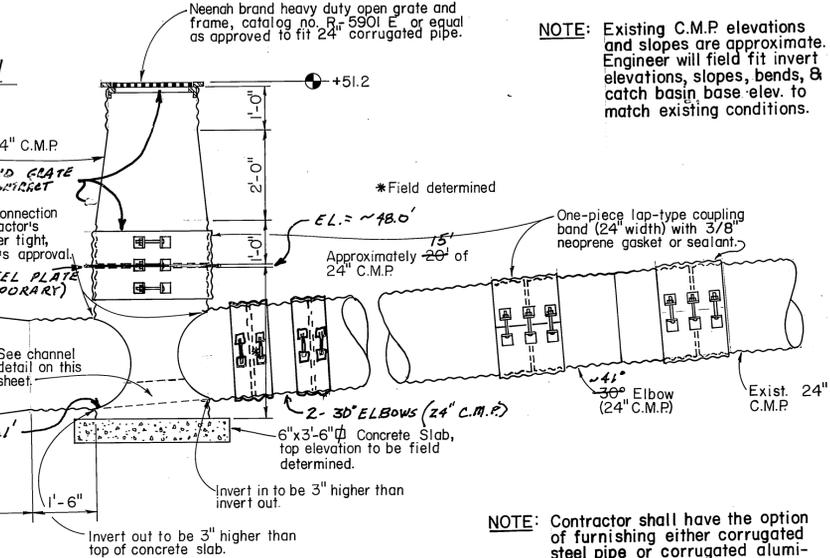
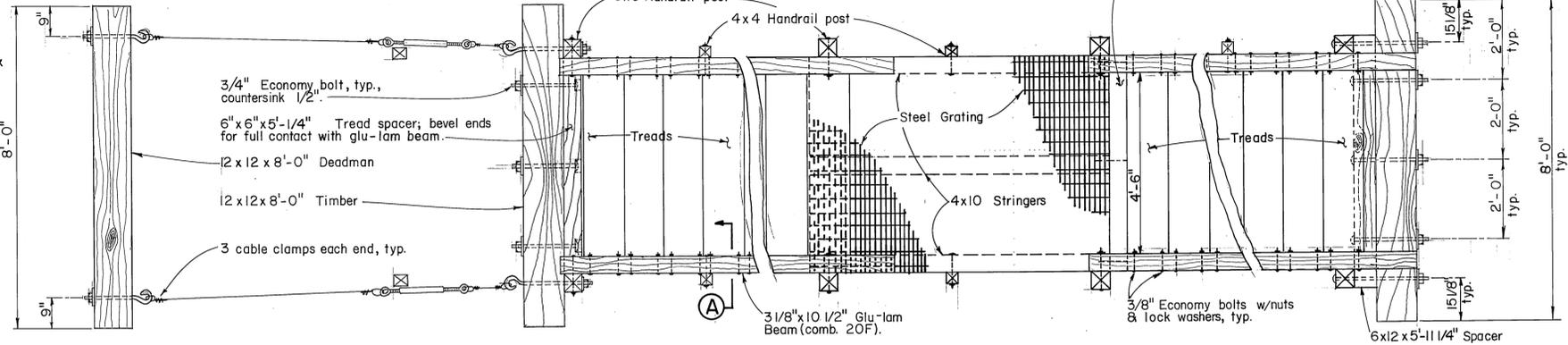


STAIRWAY ~ ELEVATION  
1/2"=1'-0"

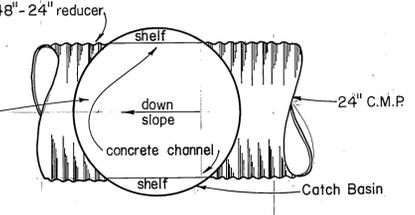
SECTION E-E  
1/4"=1'-0"

PICNIC AREA NOT INSTALLED THIS CONTRACT

STAIRWAY ~ TOP VIEW  
1/2"=1'-0"



CATCH BASIN DETAIL  
1/2"=1'-0"



CHANNEL DETAIL  
3/4"=1'-0"

NOTE: Existing C.M.P. elevations and slopes are approximate. Engineer will field fit invert elevations, slopes, bends, & catch basin base elev. to match existing conditions.

NOTE: Contractor shall have the option of furnishing either corrugated steel pipe or corrugated aluminum pipe. Minimum thickness for 24" dia. pipe is 16 gage, 12 gage for 30" dia. pipe, and 10 gage for 48" dia. pipe. Min. thickness for reducers shall be base on the larger diameter.

SECTION A  
1"=1'-0"

STAMP		DO NOT SCALE THIS DRAWING - USE DIMENSIONS	
STATE OF ALASKA			
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES			
KNUDSON COVE	PARKING LOT	EXPANSION	
MISCELLANEOUS DETAIL			
DESIGNED R.B.	CHECKED R.B.	DRAWN D.S.	DATE MAY '85
PROJECT NUMBER K-31171(67644)		SHEET 4	OF 4

