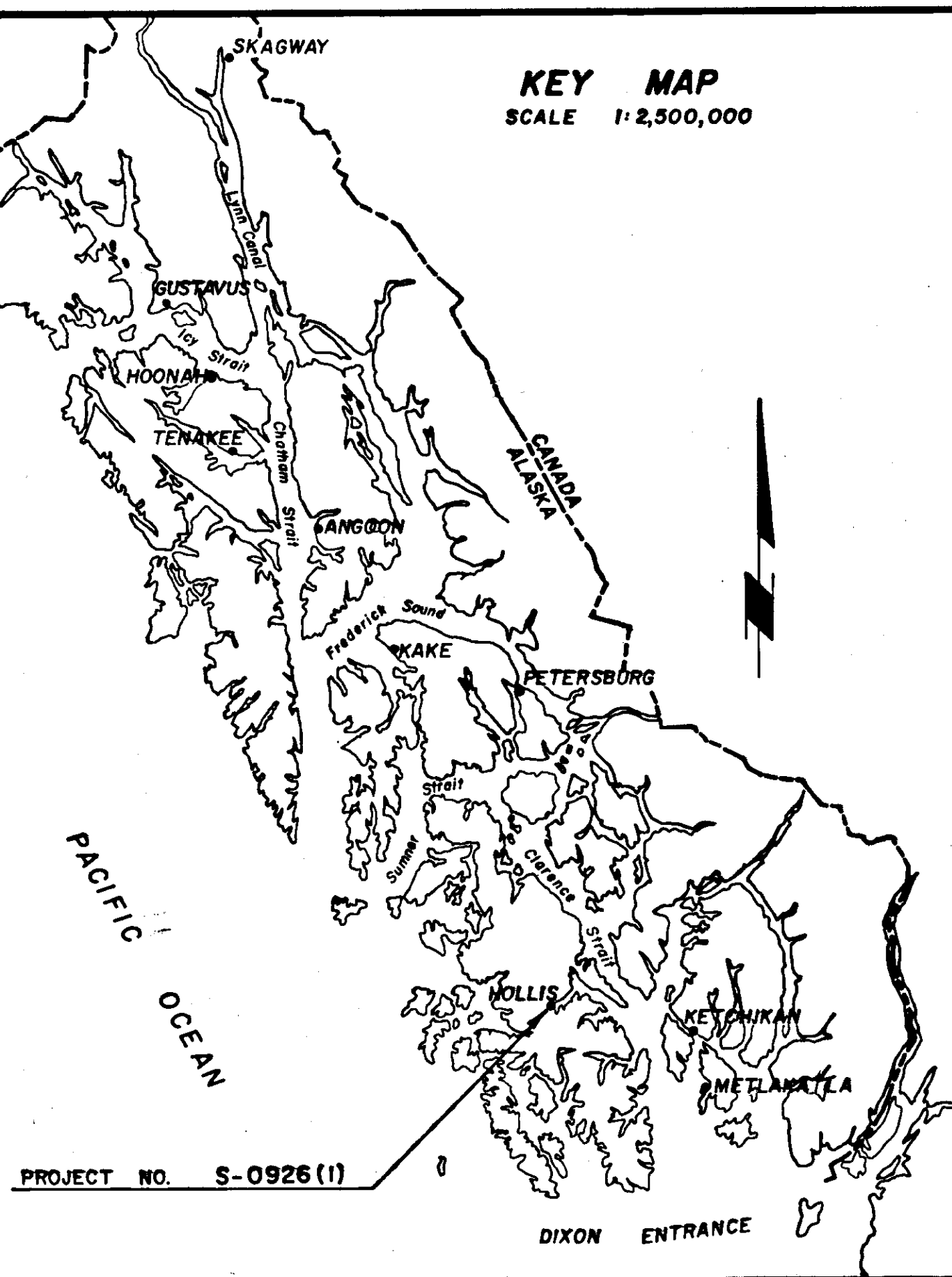


STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	S-0926 (1)	1973	1	7



STATE OF ALASKA
DEPARTMENT OF PUBLIC WORKS
AND
DEPARTMENT OF HIGHWAYS

HOLLIS FERRY TERMINAL FACILITY
S - 0926 (1)

AS BUILT PLANS

JULY 1975

INDEX OF SHEETS

NO.	DESCRIPTION
1	TITLE SHEET
2	TYPICAL SECTIONS
3	SITE PLAN
4	MASTER PLAN
5	GRADING AND DRAINAGE PLAN
6	DOLPHIN AND CRIB DETAILS
7	SHELTER AND CHAIN GUARDRAIL

THE FOLLOWING STANDARD DRAWINGS APPLY:
T-15, T-16(1 & 2), T-20, LS-2(1 & 2), LS-8 & LS-9

Contractor: Lundgren's Pacific Construction Co., Inc. and Associates
P.O. Box 892
Redmond Washington 98502

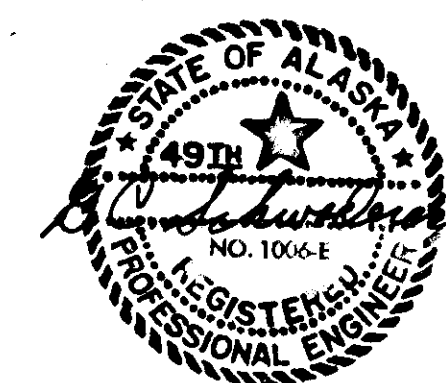
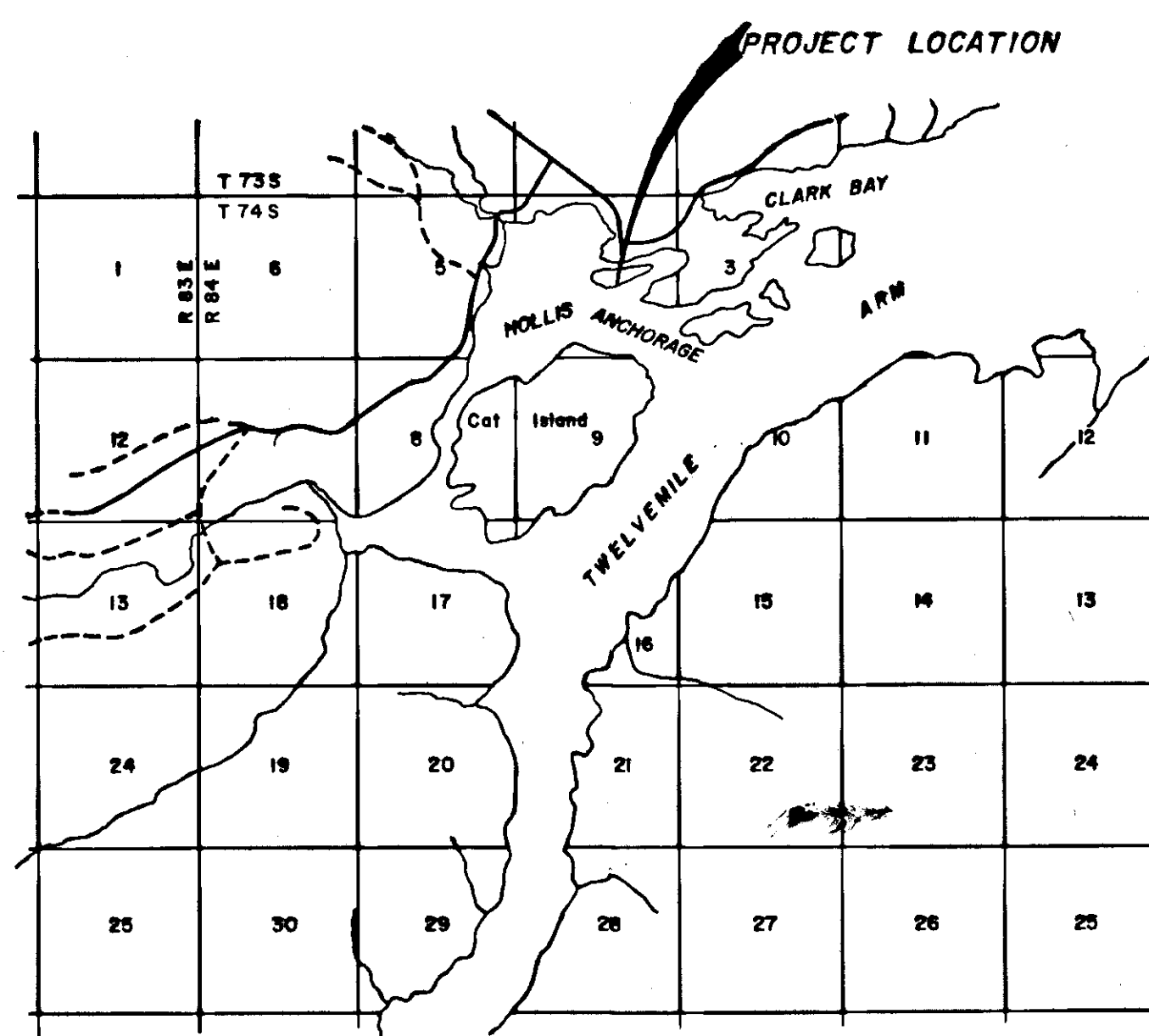
Construction: Begin - September 17, 1973
End - June 02, 1975

Project Engineer: Howard Malory thru December 1973
Charles Hodges January 1974 to Completion

DESIGN DESIGNATIONS

1973 ADT	1993 ADT
4	25

P.I.S. PROJECT IDENTIFICATION SIGN
(1 REQUIRED)



BOMHOFF & ASSOCIATES
Engineering and Surveys
1020 West Fireweed Lane
Anchorage, Alaska 99503

APPROVED *[Signature]*
Deputy COMMISSIONER OF PUBLIC WORKS

DATE _____

APPROVED *[Signature]*
S.E. DISTRICT HIGHWAY ENGINEER

DATE *May 14, 1973*

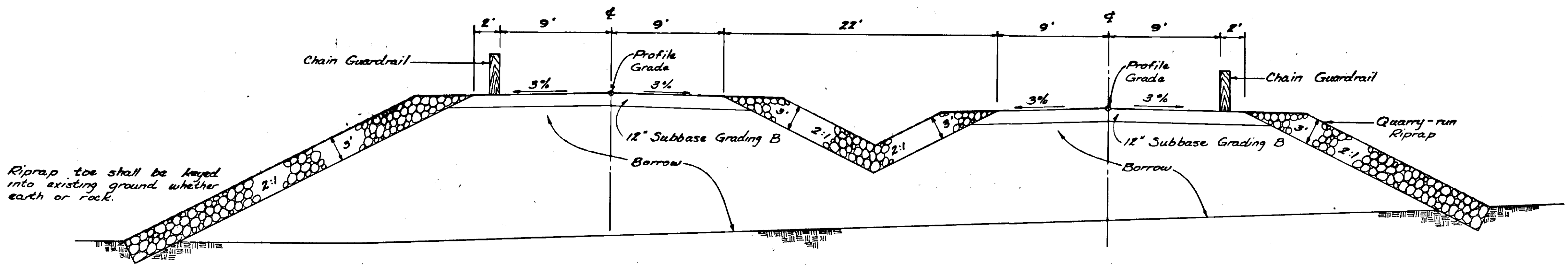
APPROVED *[Signature]*
COMMISSIONER OF HIGHWAYS

DATE *6/19/73*

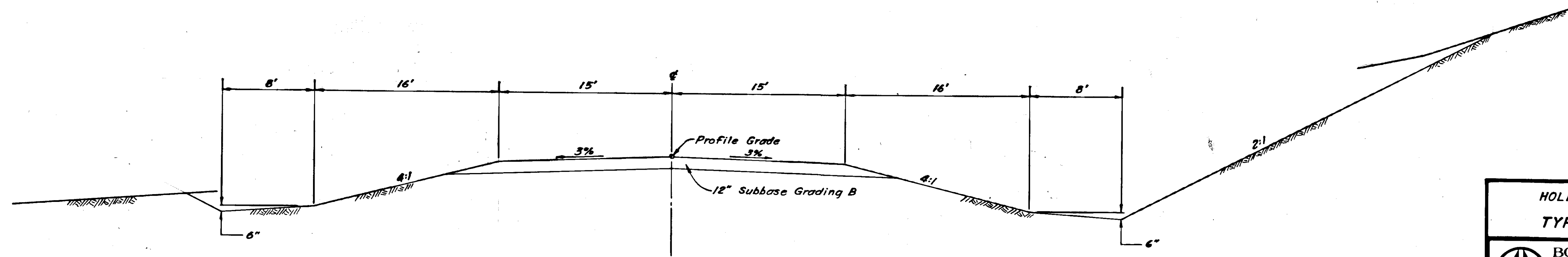
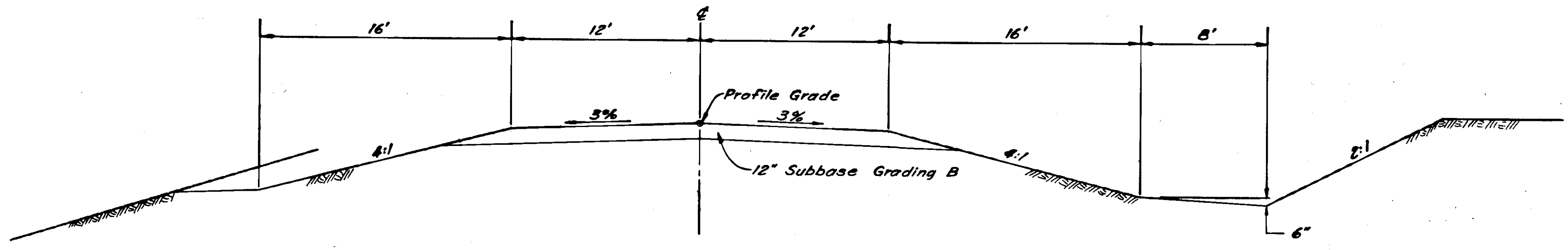
STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	S-0926 (1)	1973	2	7


GENERAL NOTES

1. Grades and Alignment Shown on the Plans are Subject to Minor Revision.
2. Culvert Lengths and Locations are Approximate Only and are Subject to Minor Revision.
3. Clearing Limits Shall be a Neat Line 15 Feet Beyond the Slope Limits in Both Cut and Fill Sections.
4. Rock occurring within 12" below the top of the subbase layer shall be removed within the limits of the roadbed.



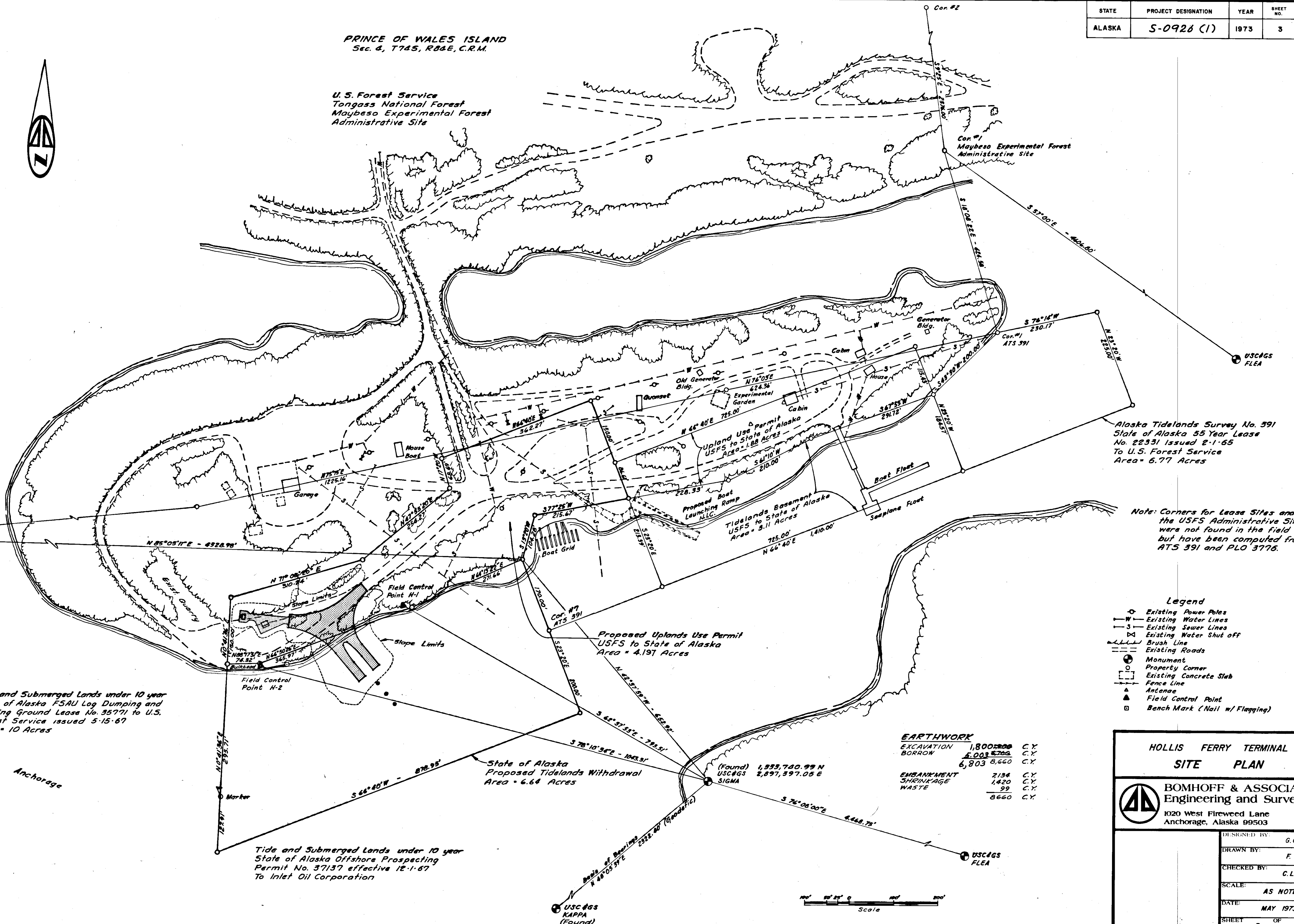
Riprap toe shall be keyed into existing ground whether earth or rock.



HOLLIS FERRY TERMINAL TYPICAL SECTIONS	
 BOMHOFF & ASSOCIATES Engineering and Surveys 1020 West Fireweed Lane Anchorage, Alaska 99503	
DESIGNED BY:	G.C.S.
DRAWN BY:	F.T.
CHECKED BY:	C.L.F.
SCALE:	NO SCALE
DATE:	MAY 1973
SHEET	2 OF 7

PRINCE OF WALES ISLAND
Sec. 4, T74S, R84E, C.R.M.

U.S. Forest Service
Tongass National Forest
Maybeso Experimental Forest
Administrative Site



Alaska Tidelands Survey No. 391
State of Alaska 55 Year Lease
No. 22331 Issued 2-1-65
To U.S. Forest Service
Area = 6.77 Acres

Note: Corners for Lease Sites and
the USFS Administrative Site
were not found in the field
but have been computed from
ATS 391 and PLO 3776.

- Legend**
- ⊕ Existing Power Poles
 - Existing Water Lines
 - Existing Sewer Lines
 - ⊗ Existing Water Shut off
 - Brush Line
 - Existing Roads
 - ⊙ Monument
 - ⊠ Property Corner
 - ⊡ Existing Concrete Slab
 - Fence Line
 - ▲ Antenna
 - ▲ Field Control Point
 - ⊠ Bench Mark (Nail w/ Flagging)

EARTHWORK

EXCAVATION	1,800.00	C.Y.
BORROW	4,002.50	C.Y.
	6,803	8,660
EMBANKMENT	7134	C.Y.
SHRINKAGE	1,420	C.Y.
WASTE	99	C.Y.
	8660	C.Y.

Tide and Submerged Lands under 10 year
State of Alaska FSAU Log Dumping and
Rafting Ground Lease No. 35771 to U.S.
Forest Service issued 5-15-67
Area = 10 Acres

State of Alaska
Proposed Tidelands Withdrawal
Area = 6.64 Acres

Tide and Submerged Lands under 10 year
State of Alaska Offshore Prospecting
Permit No. 37137 effective 12-1-67
To Inlet Oil Corporation

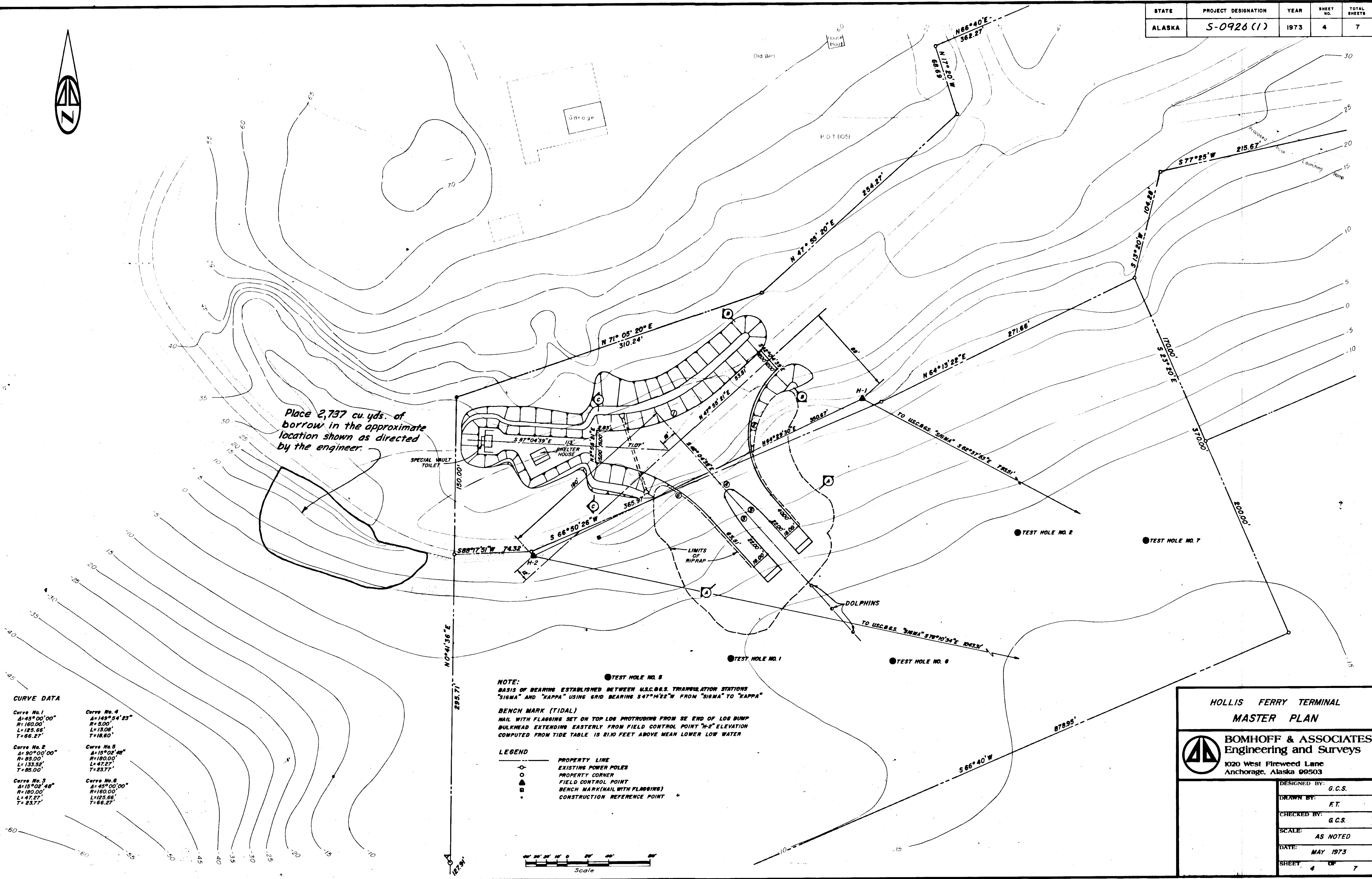
Hollis
Anchorage

HOLLIS FERRY TERMINAL
SITE PLAN

BOMHOFF & ASSOCIATES
Engineering and Surveys
1020 West Fireweed Lane
Anchorage, Alaska 99503

DESIGNED BY:	G.C.S.
DRAWN BY:	F.T.
CHECKED BY:	C.L.F.
SCALE:	AS NOTED
DATE:	MAY 1973
SHEET	3 OF 7

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	S-0926 (1)	1973	4	7



Place 2,737 cu. yds. of borrow in the approximate location shown as directed by the engineer.

NOTE:
 BASIS OF BEARING ESTABLISHED BETWEEN U.S.C.G.S. TRIANGULATION STATIONS "SIGMA" AND "KAPPA" USING GRID BEARING S 47° 42' 22" W FROM "SIGMA" TO "KAPPA"
BENCH MARK (TIDAL)
 NAIL WITH FLAGGING SET ON TOP LOG PROTRUDING FROM SE END OF LOG BUMP BULKHEAD EXTENDING EASTERLY FROM FIELD CONTROL POINT "H-2" ELEVATION COMPUTED FROM TIDE TABLE IS 21.0 FEET ABOVE MEAN LOWER LOW WATER

LEGEND

- PROPERTY LINE
- EXISTING POWER POLES
- PROPERTY CORNER
- ▲ FIELD CONTROL POINT
- BENCH MARK (NAIL WITH FLAGGING)
- CONSTRUCTION REFERENCE POINT

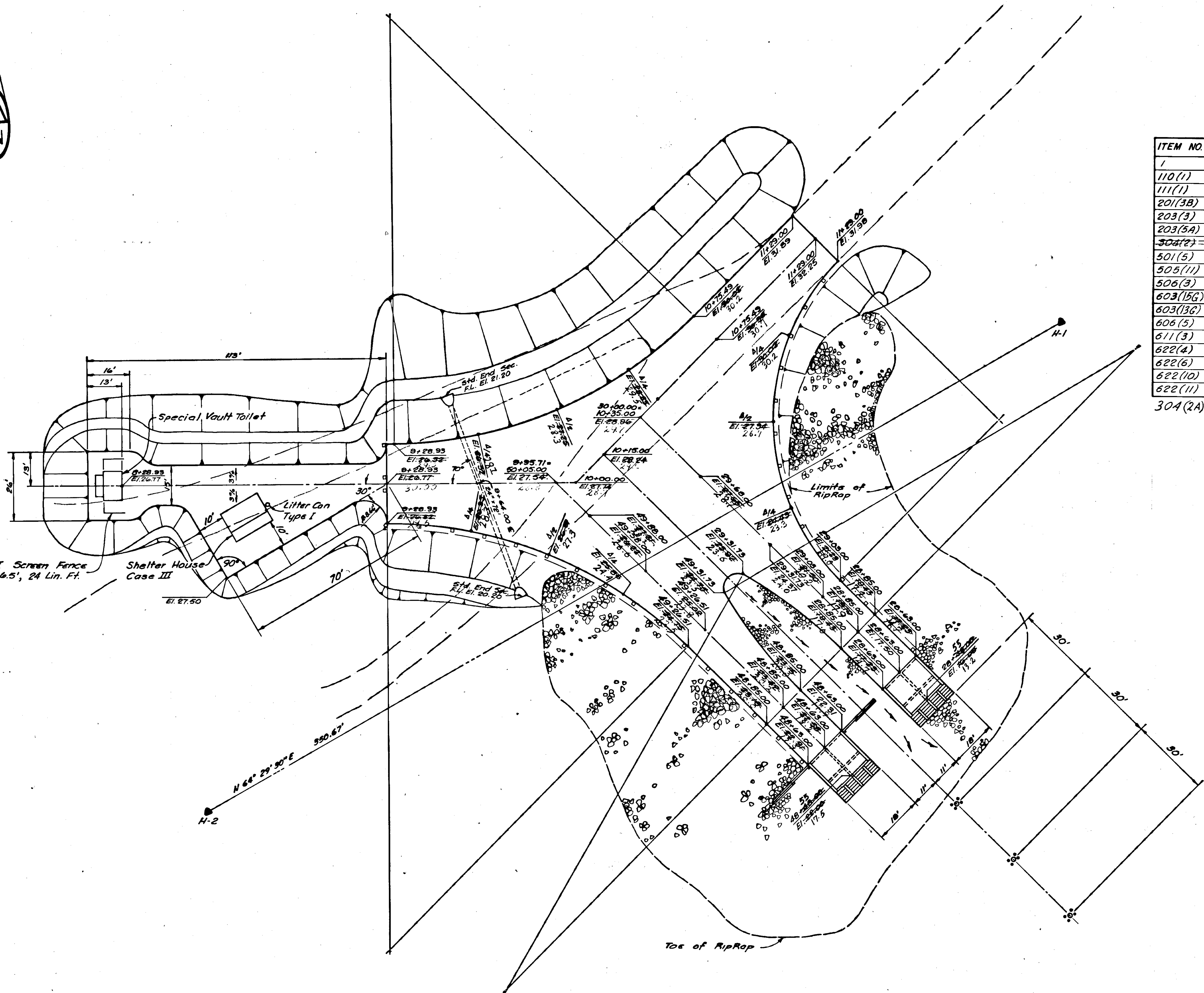
CURVE DATA

Curve No. 1 Δ=43°00'00" R=160.00' L=123.66' T=66.27'	Curve No. 4 Δ=149°54'23" R=500' L=13.08' T=18.80'
Curve No. 2 Δ=90°00'00" R=85.00' L=133.52' T=85.00'	Curve No. 5 Δ=15°02'48" R=180.00' L=47.27' T=23.77'
Curve No. 3 Δ=15°02'48" R=180.00' L=47.27' T=23.77'	Curve No. 6 Δ=45°00'00" R=160.00' L=123.66' T=66.27'

**HOLLIS FERRY TERMINAL
 MASTER PLAN**

BOMHOFF & ASSOCIATES
 Engineering and Surveys
 1020 West Fireweed Lane
 Anchorage, Alaska 99503

DESIGNED BY:	G.C.S.
DRAWN BY:	F.T.
CHECKED BY:	G.C.S.
SCALE:	AS NOTED
DATE:	MAY 1973
SHEET:	4 OF 7



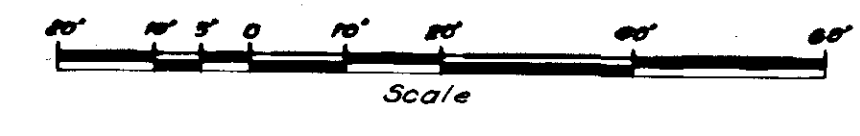
ESTIMATE OF QUANTITIES

ITEM NO.	ITEM	UNIT	QUANTITY
1	Furnishing and Maintaining Engineering Facilities	Lump Sum	All Req'd.
110(1)	Mobilization	Lump Sum	All Req'd.
111(1)	Temporary Erosion and Pollution Control	Cont. Sum	All Req'd.
201(3B)	Clearing and Grubbing	Lump Sum	All Req'd.
203(3)	Unclassified Excavation	Cu. Yd.	1,900,180
203(5A)	Borrow	Cu. Yd.	9,497,839
304(2)	Subbase, Grading & Deleted E.W.O.#3	Cu. Yd.	2250
501(5)	Class A Concrete SEE E.W.O.#2	Lum Sum	All Req'd.
505(11)	Dolphin Piles, Furnished and Driven	Each	3
506(3)	Treated Timber Girds	Lum Sum	All Req'd.
603(15G)	End Section for 24" Corrugated Aluminum Pipe	Lin. Ft.	72
603(13G)	24" Corrugated Aluminum Pipe	Each	2
606(5)	Chain Guard Rail	Lin. Ft.	378,378
611(3)	Quarry-Run Riprap	Cu. Yd.	3,450,356
622(4)	Litter Can with Rack, Type I	Each	1
622(6)	Screen Fence, Class I	Lin. Ft.	24
622(10)	Special Vault Toilet	Each	1
622(11)	Shelter House, Case III	Each	1
304(2A)	Pit Run Subbase New Item E.W.O.#3	Cu. Yd.	729

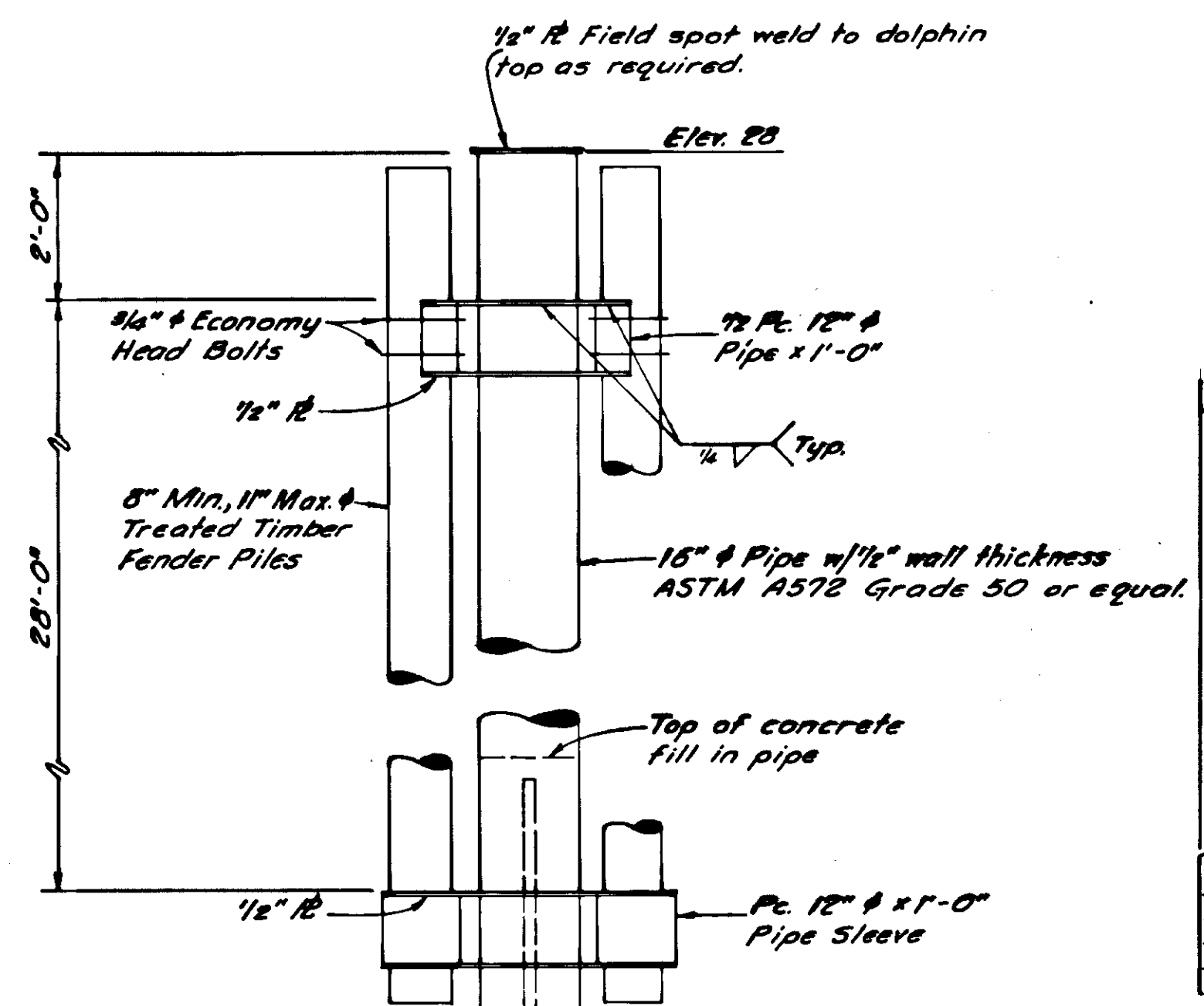
**HOLLIS FERRY TERMINAL
GRADING AND DRAINAGE PLAN**

BOMHOFF & ASSOCIATES
Engineering and Surveys
1020 West Fireweed Lane
Anchorage, Alaska 99503

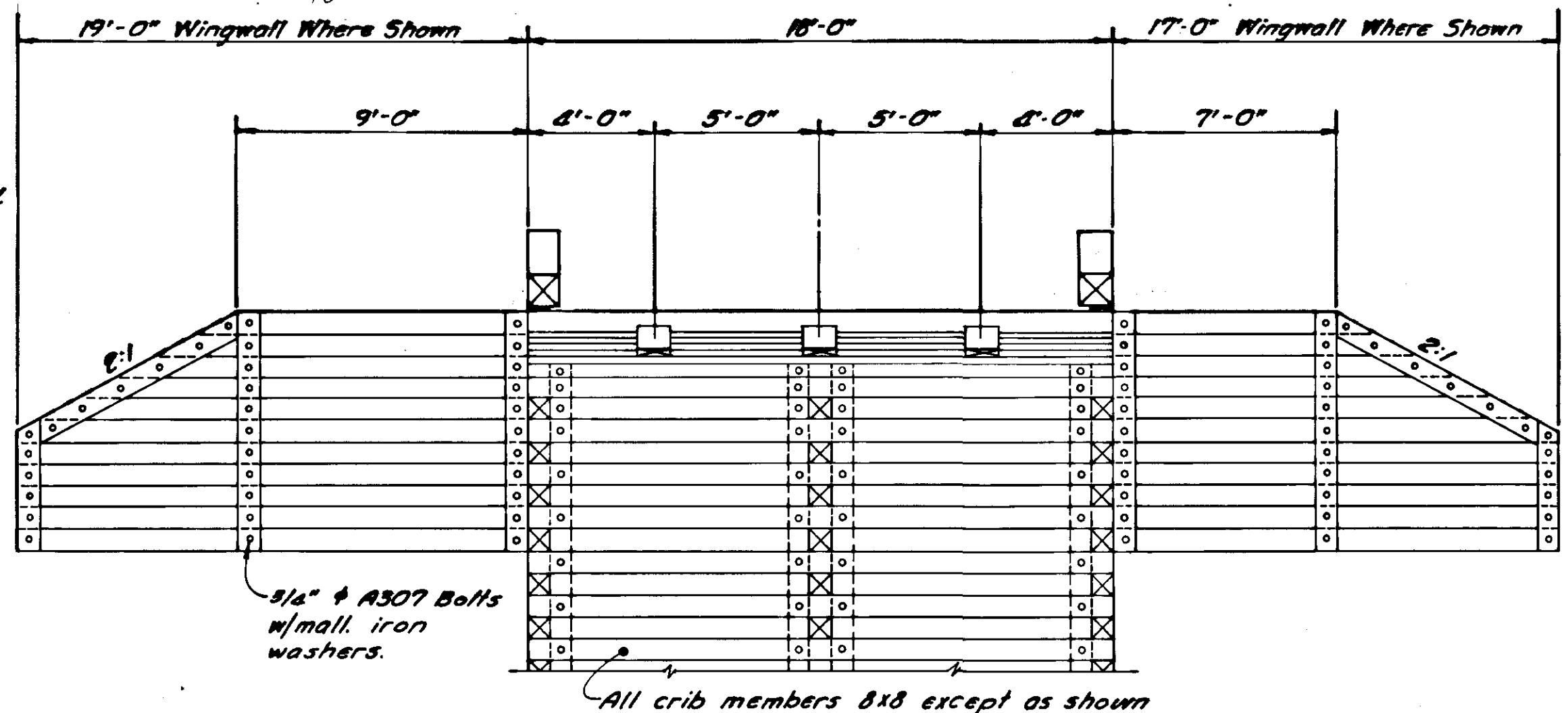
DESIGNED BY:	G.C.S.
DRAWN BY:	F.T.
CHECKED BY:	G.C.S.
SCALE:	AS NOTED
DATE:	MAY 1973
SHEET	5 OF 7



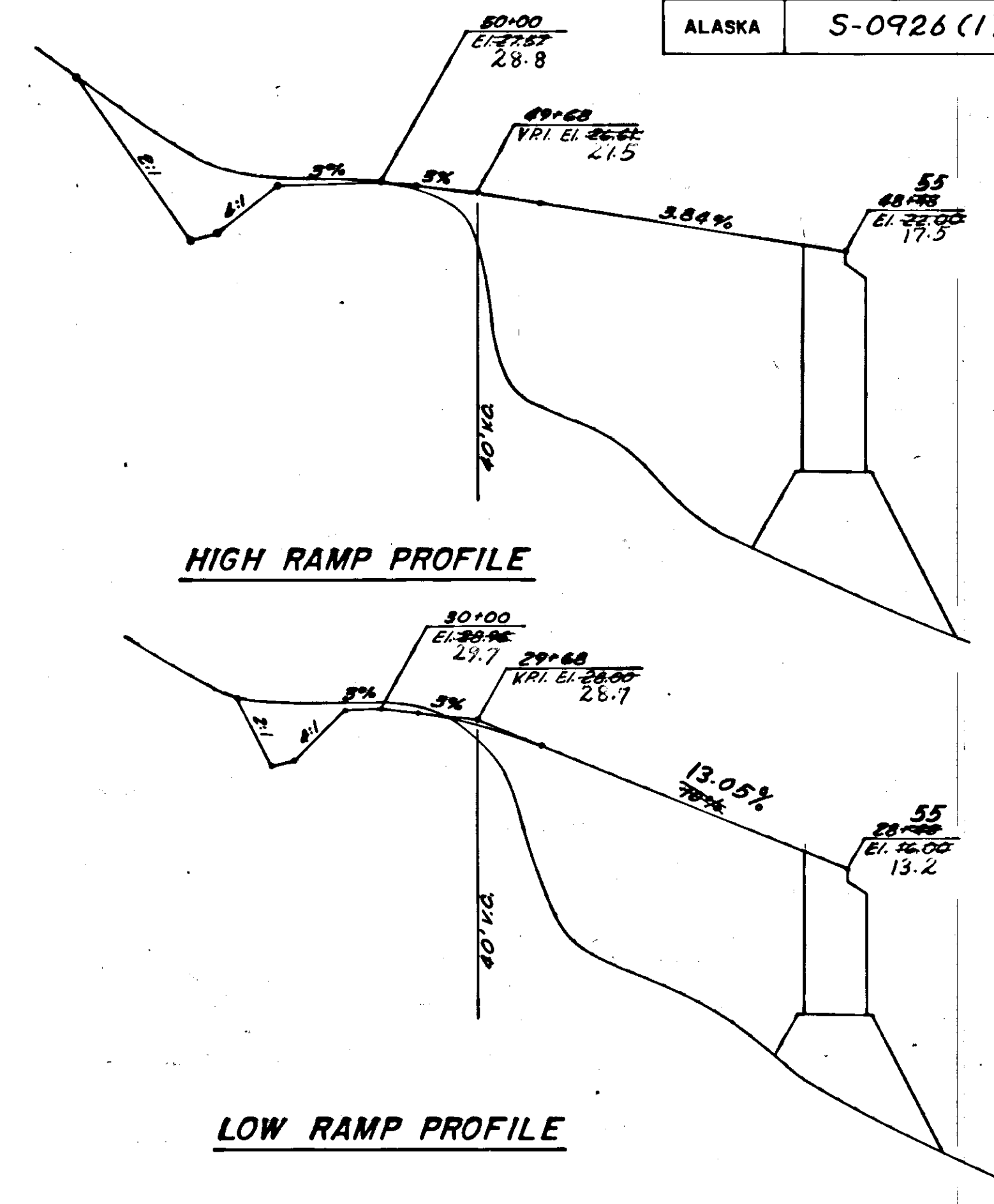
STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	S-0926 (1)	1973	6	7



DOLPHIN ELEVATION



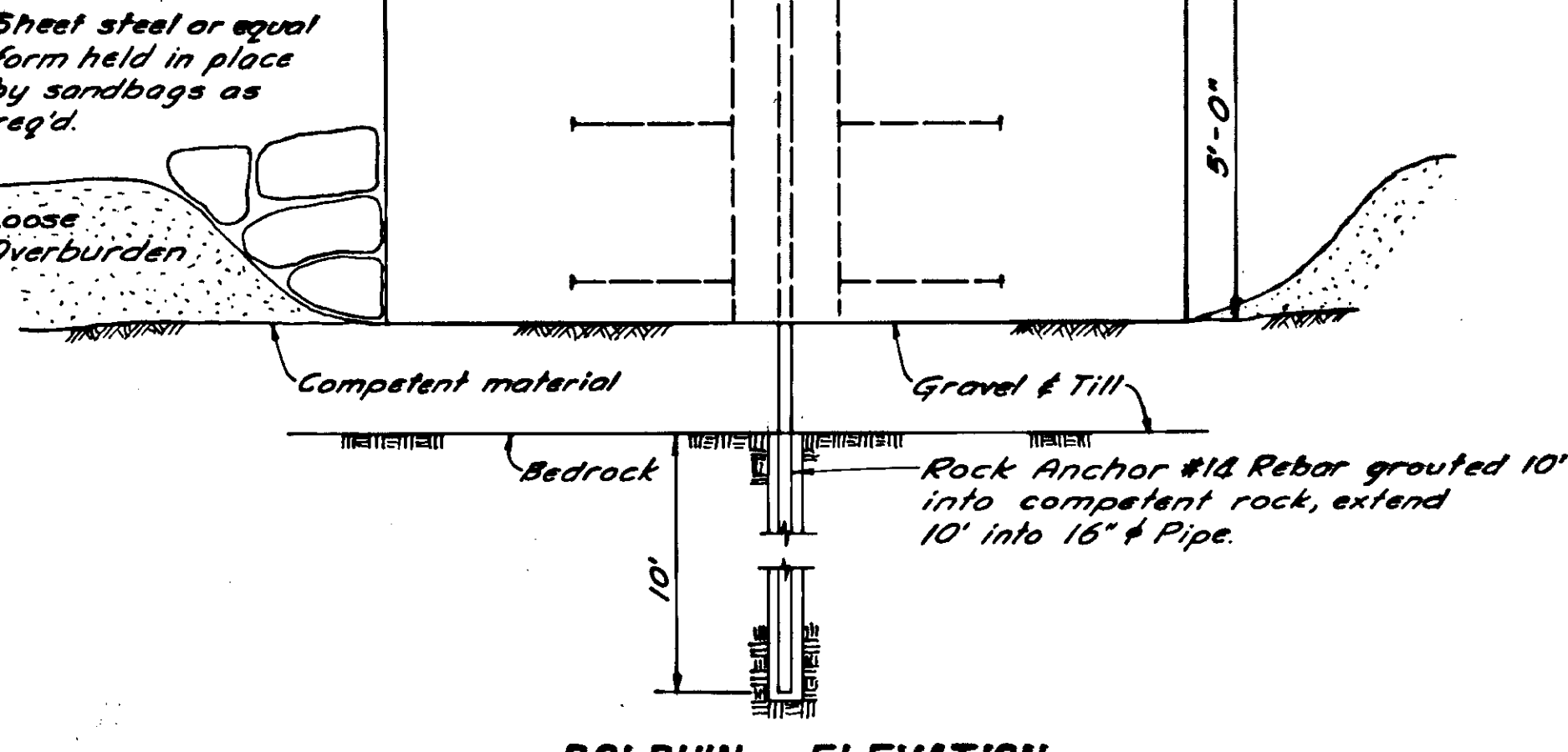
CRIB FRONT ELEVATION



HIGH RAMP PROFILE

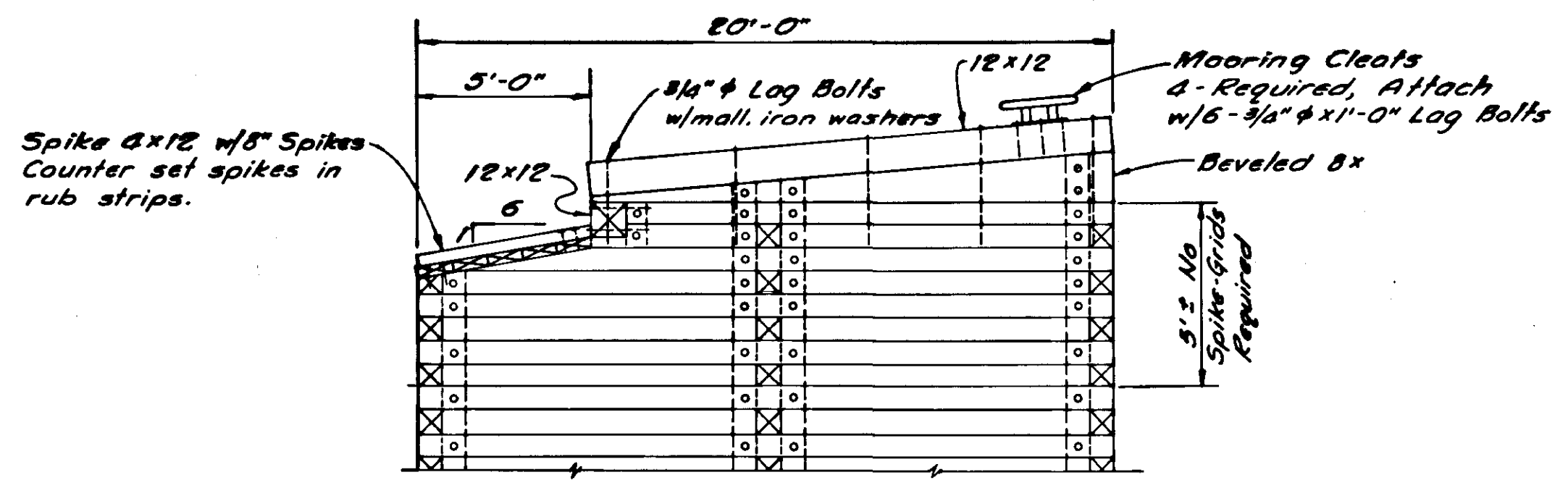
LOW RAMP PROFILE

see C.O. #3
For Revised
Crib Elevations

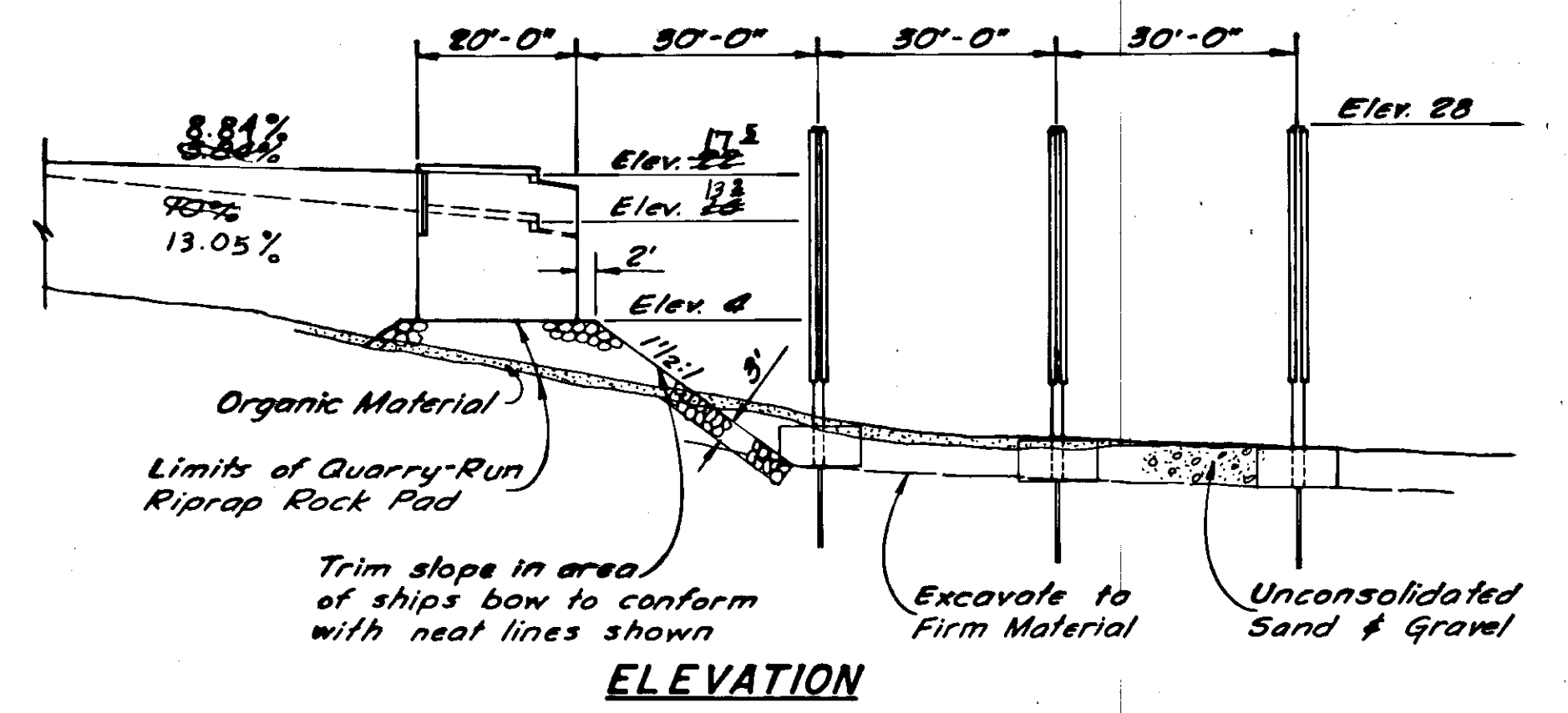


DOLPHIN PLAN

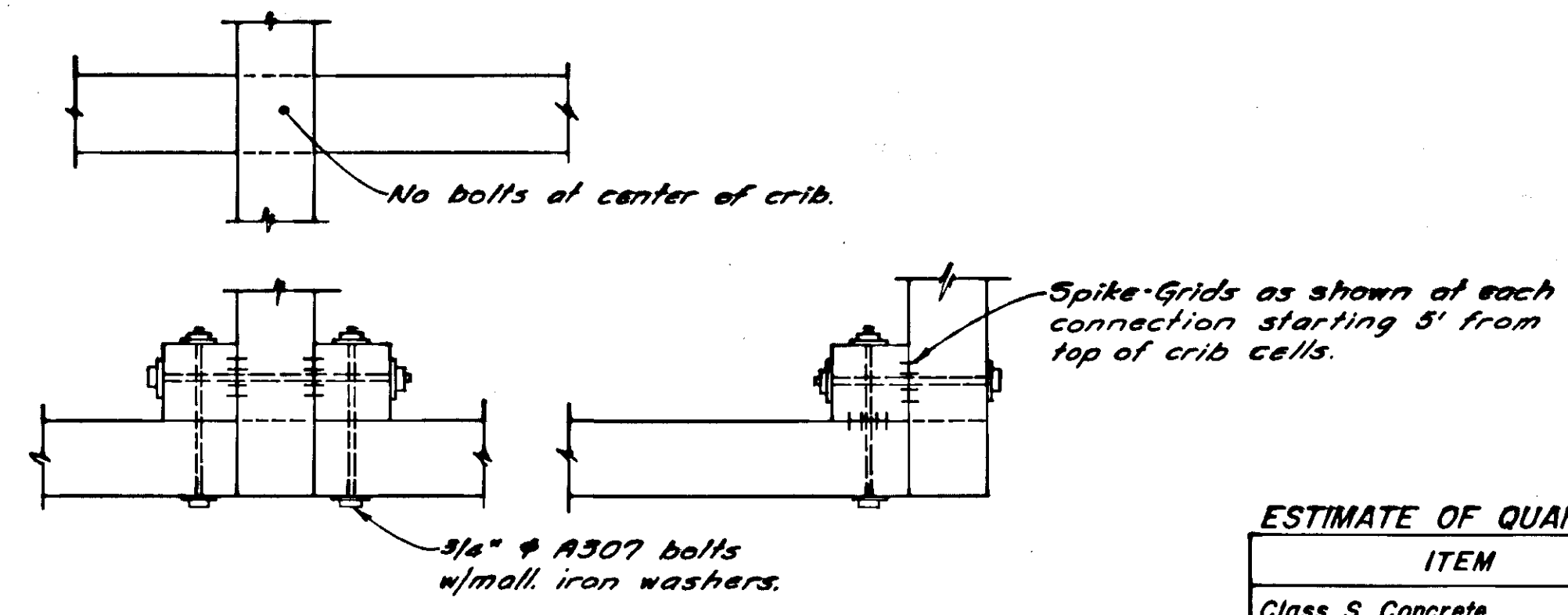
See E.W.O. #2



CRIB SIDE ELEVATION



ELEVATION



CRIB CORNER CONNECTION DETAILS

ESTIMATE OF QUANTITIES

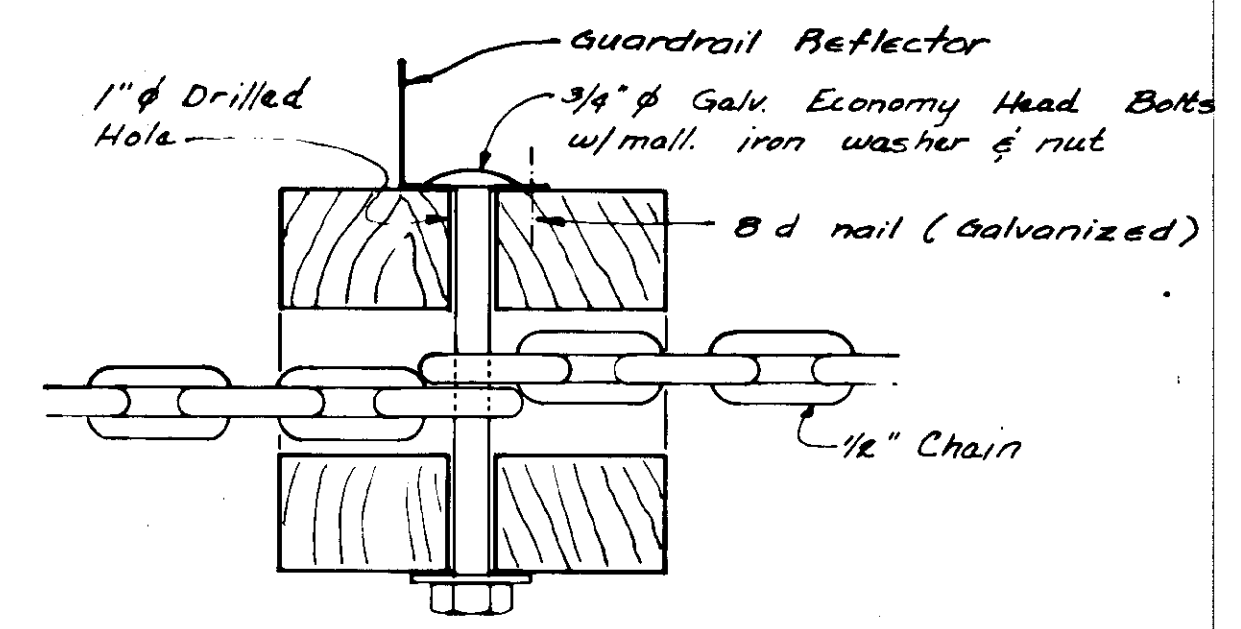
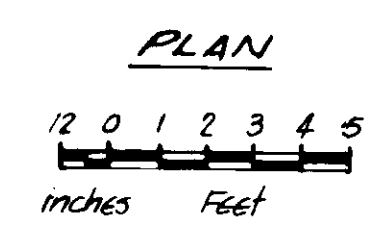
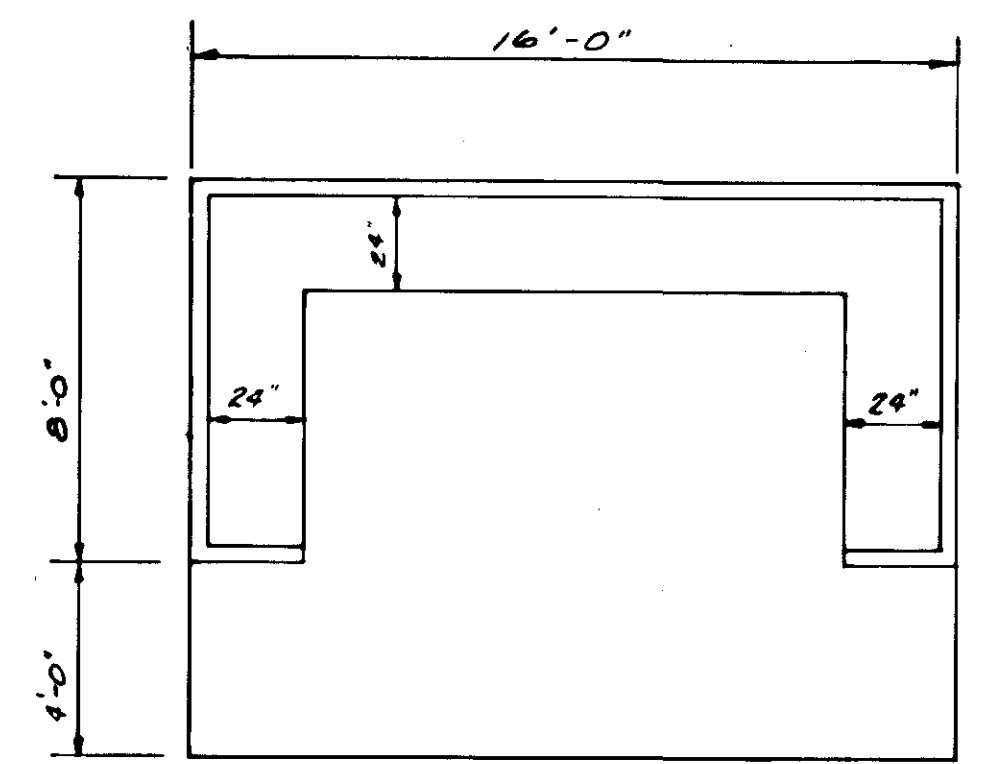
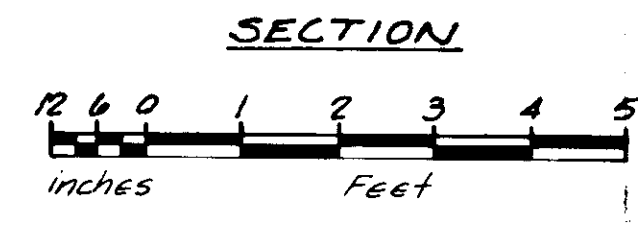
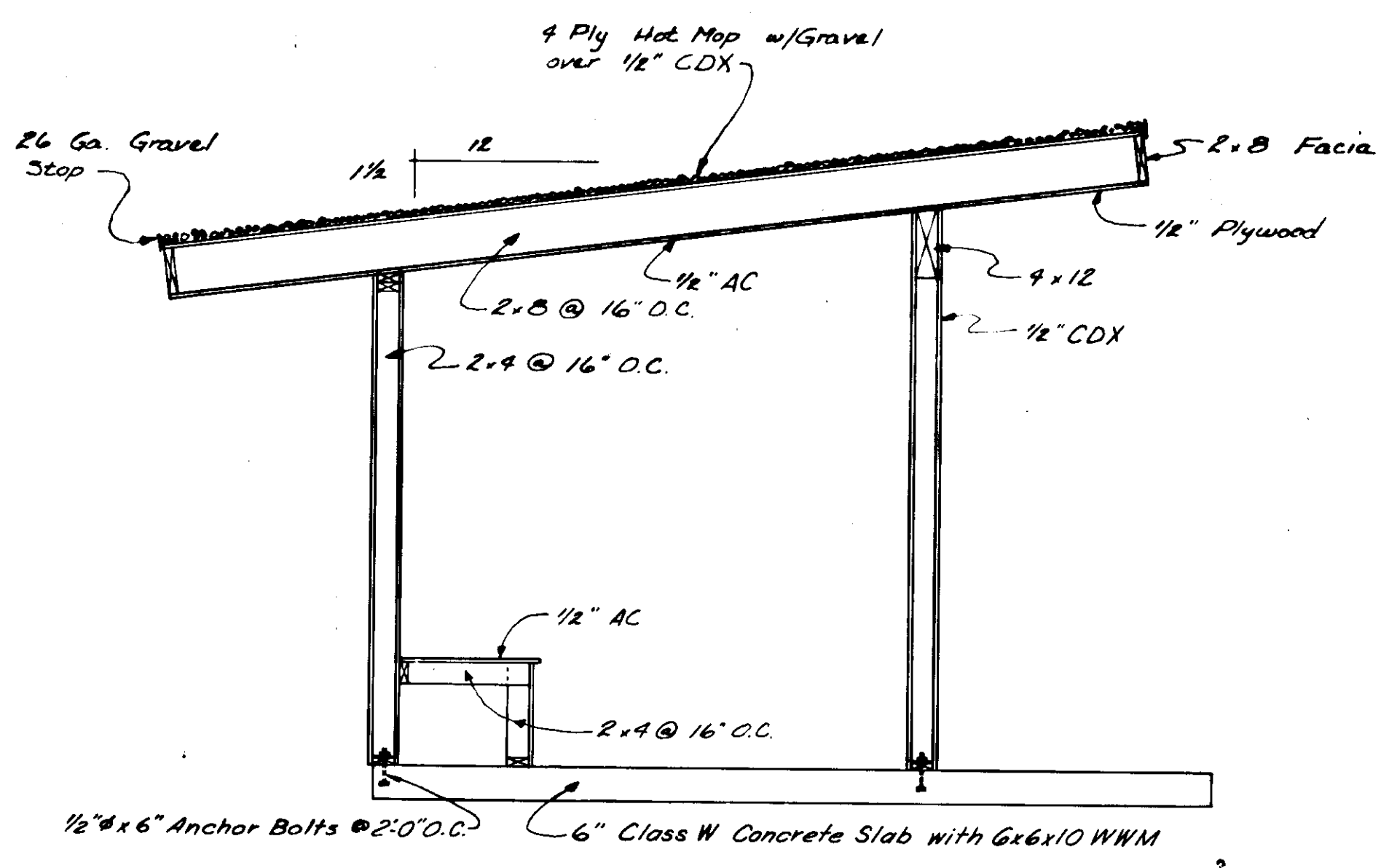
ITEM	UNIT	QUANTITY
Class S Concrete	Cu. Yd.	45
Structural Steel	Pound	12,000
Treated Timber for Crib	MBM	20

HOLLIS FERRY TERMINAL
DOLPHIN & CRIB DETAILS

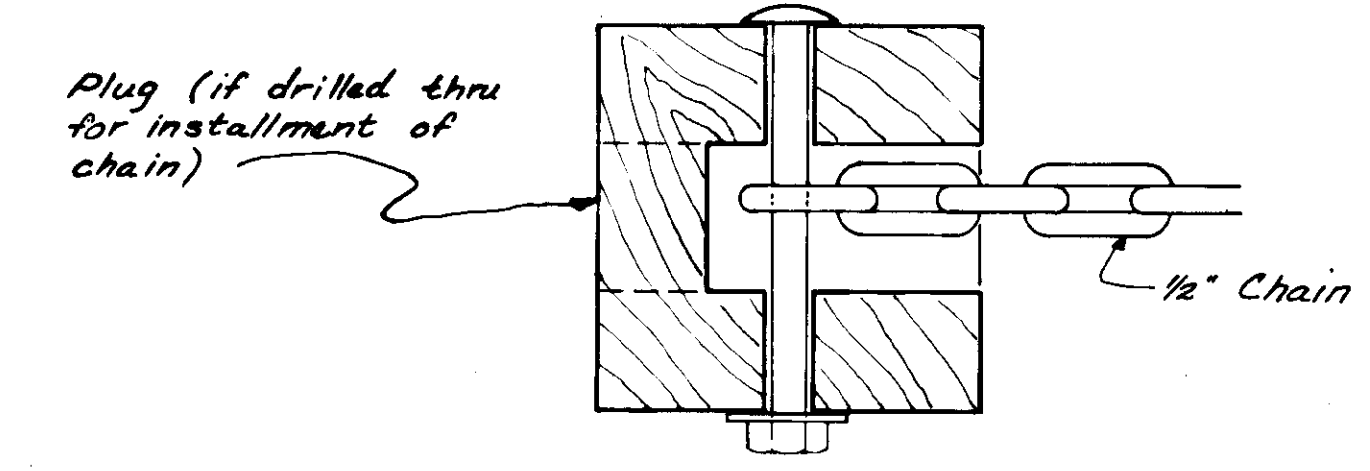
BOMHOFF & ASSOCIATES
Engineering and Surveys
1020 West Fireweed Lane
Anchorage, Alaska 99503

DESIGNED BY: D.N. & S.C.
DRAWN BY: C.L.F.
CHECKED BY: D.N. & G.S.
SCALE: NO SCALE
DATE: MAY 1973
SHEET 6 OF 7

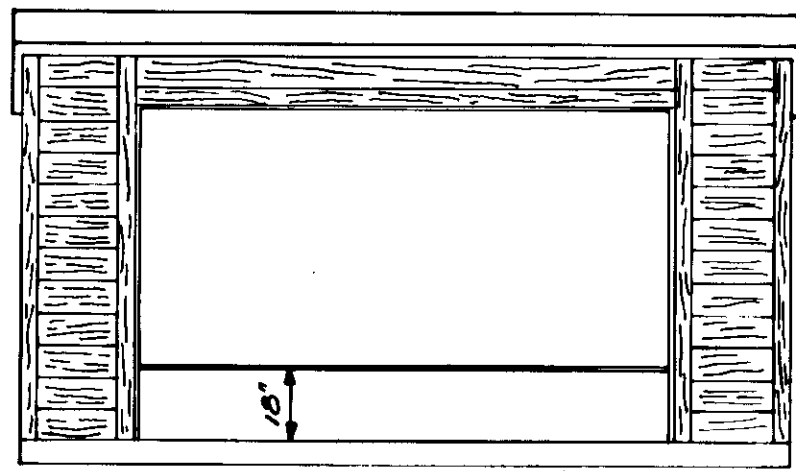
STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	S-0926(1)	1973	7	7



POST SECTION
Not to Scale

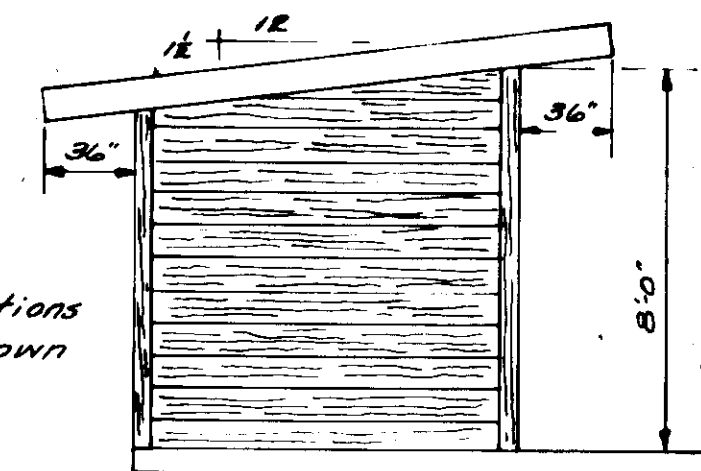


END POST SECTION
Not to Scale

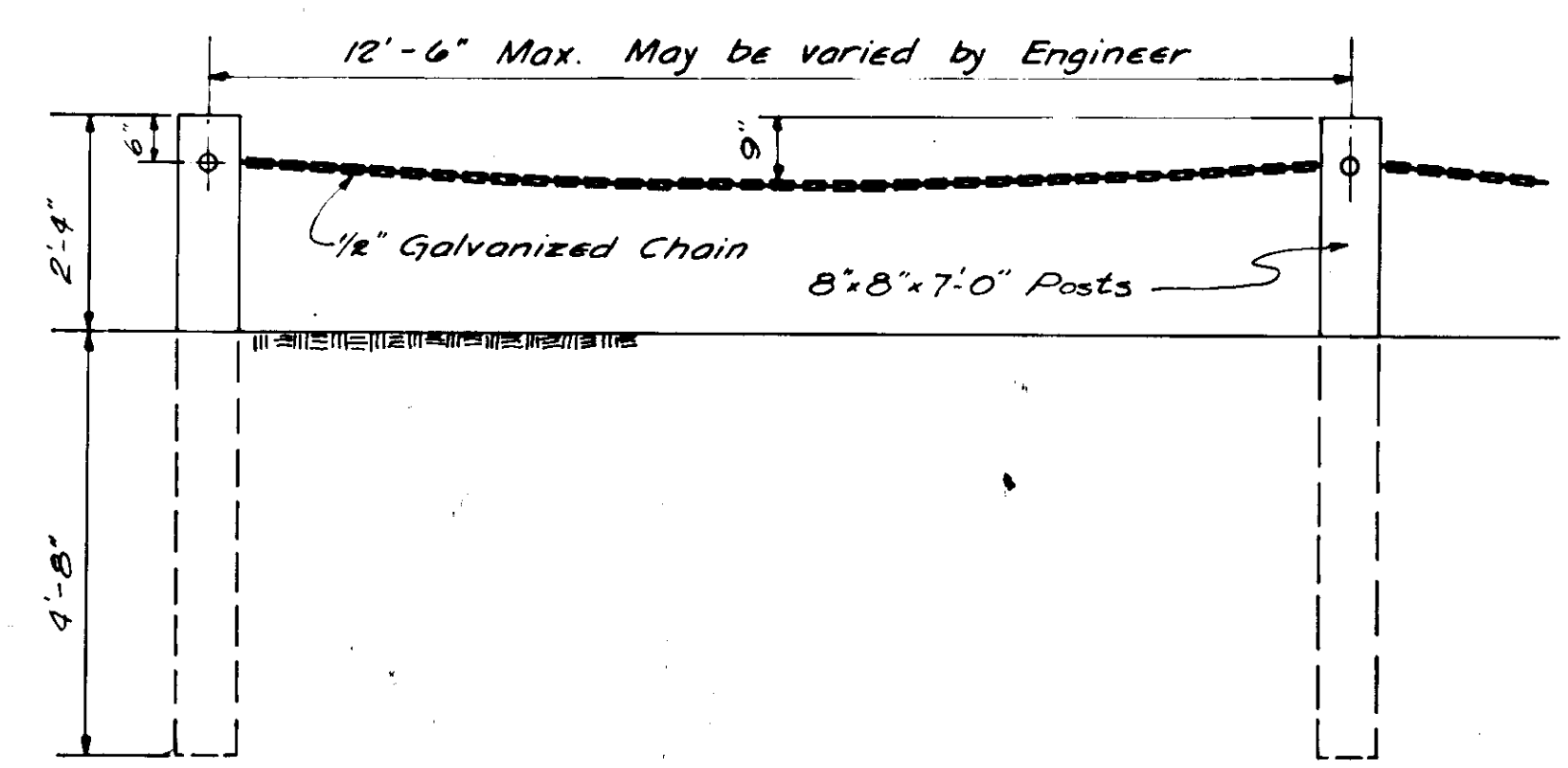


FRONT ELEVATION
Not to Scale

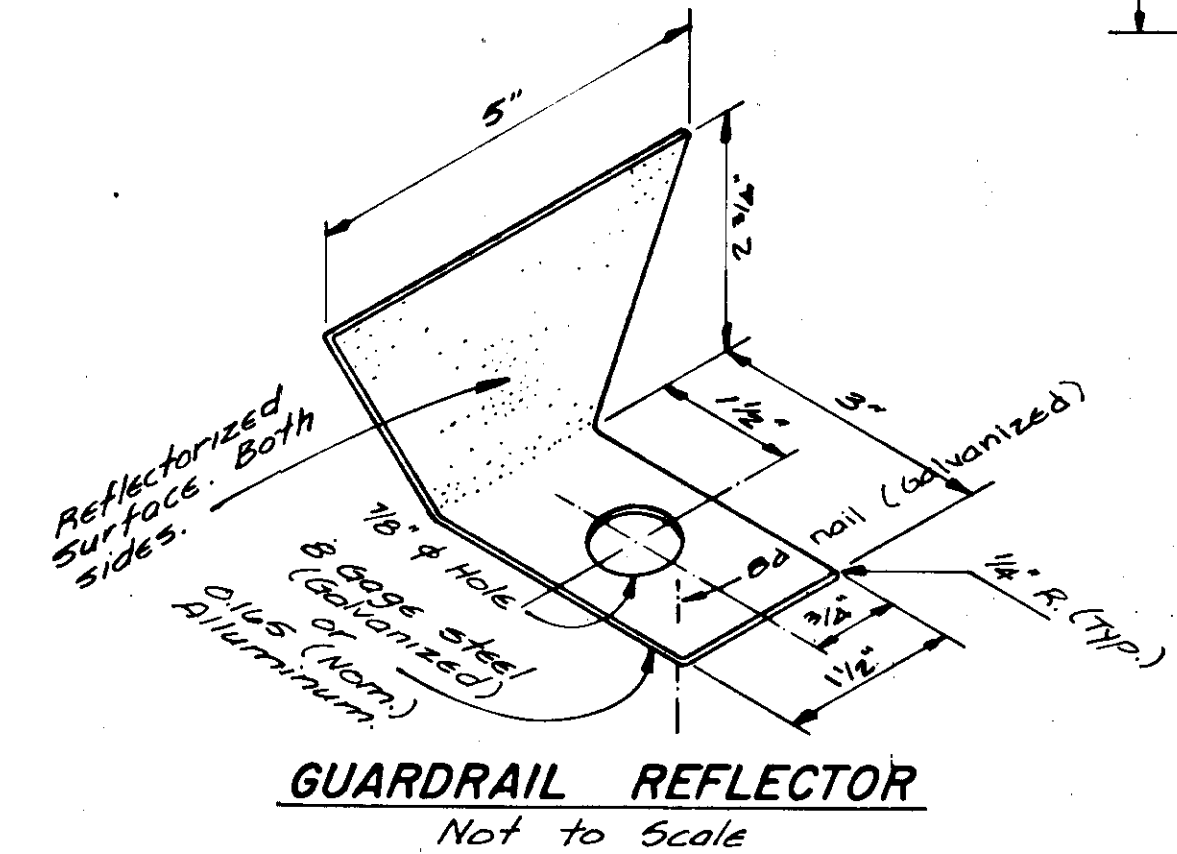
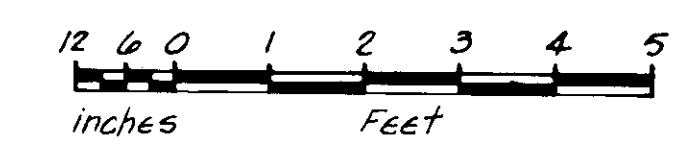
NOTE: Shelter House shall conform to the construction specifications of the Vault Toilet unless shown otherwise.



END ELEVATION
Not to Scale



CHAIN GUARDRAIL DETAIL



GUARDRAIL REFLECTOR
Not to Scale

1. Wood posts shall be of a timber stress grade of 1200 psi or more in accordance with the West Coast Lumber Inspection Bureau, current edition.
2. Timber preservative and treatment shall conform with Section 714 of Alaska Standard Specifications for Highway Construction.
3. Guardrail reflectors shall be mounted at 25' centers.

SHELTER DETAILS
SHELTER HOUSE, CASE III

HOLLIS FERRY TERMINAL
SHELTER & CHAIN GUARDRAIL

BOMHOFF & ASSOCIATES
Engineering and Surveys
1020 West Fireweed Lane
Anchorage, Alaska 99503

DESIGNED BY:	C.L.F.
DRAWN BY:	K.M.
CHECKED BY:	C.L.F.
SCALE:	AS NOTED
DATE:	MAY 1973
SHEET	7 OF 7