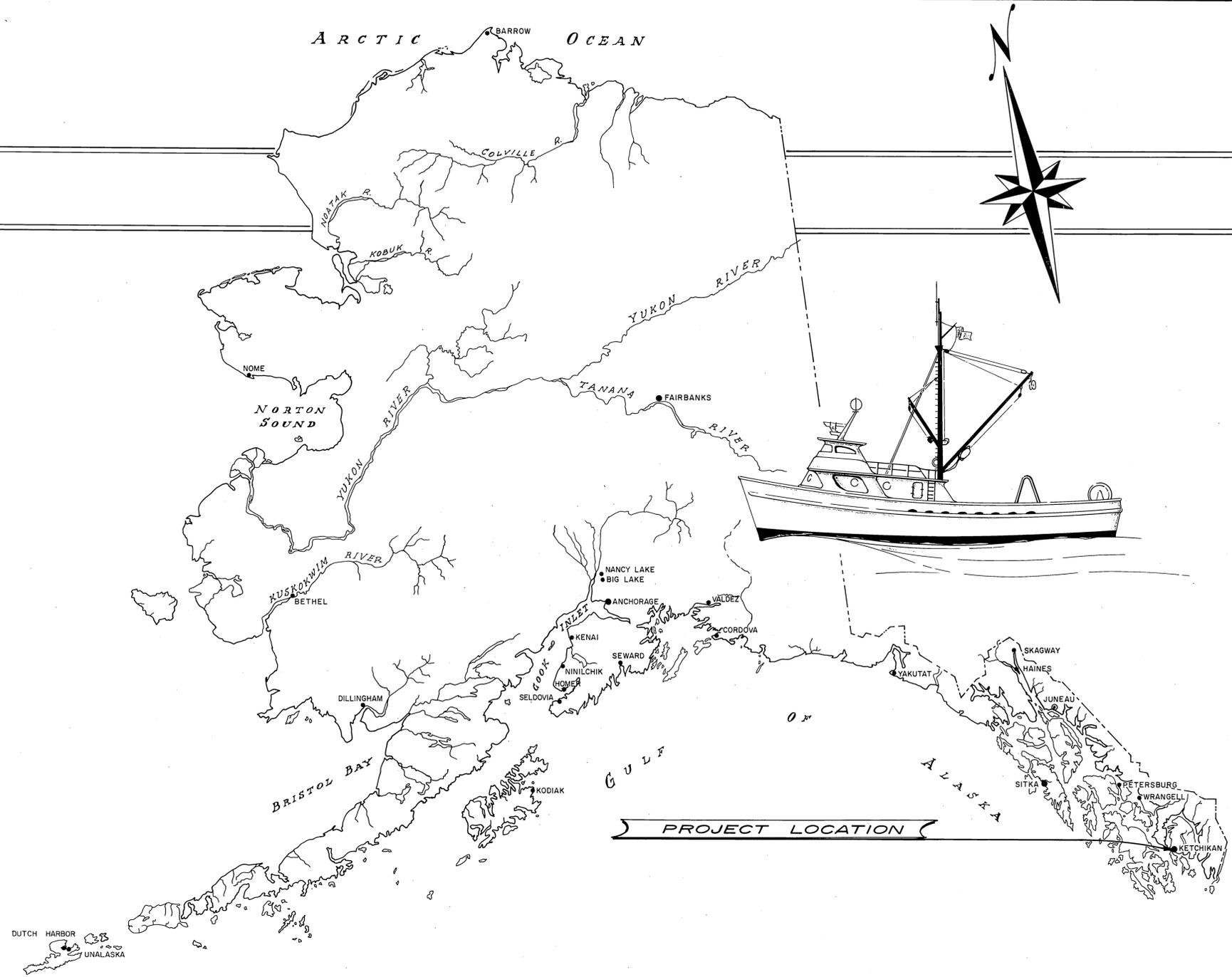


KETCHIKAN
 BAR HARBOR GRID
 PROJECT No. 3-71153



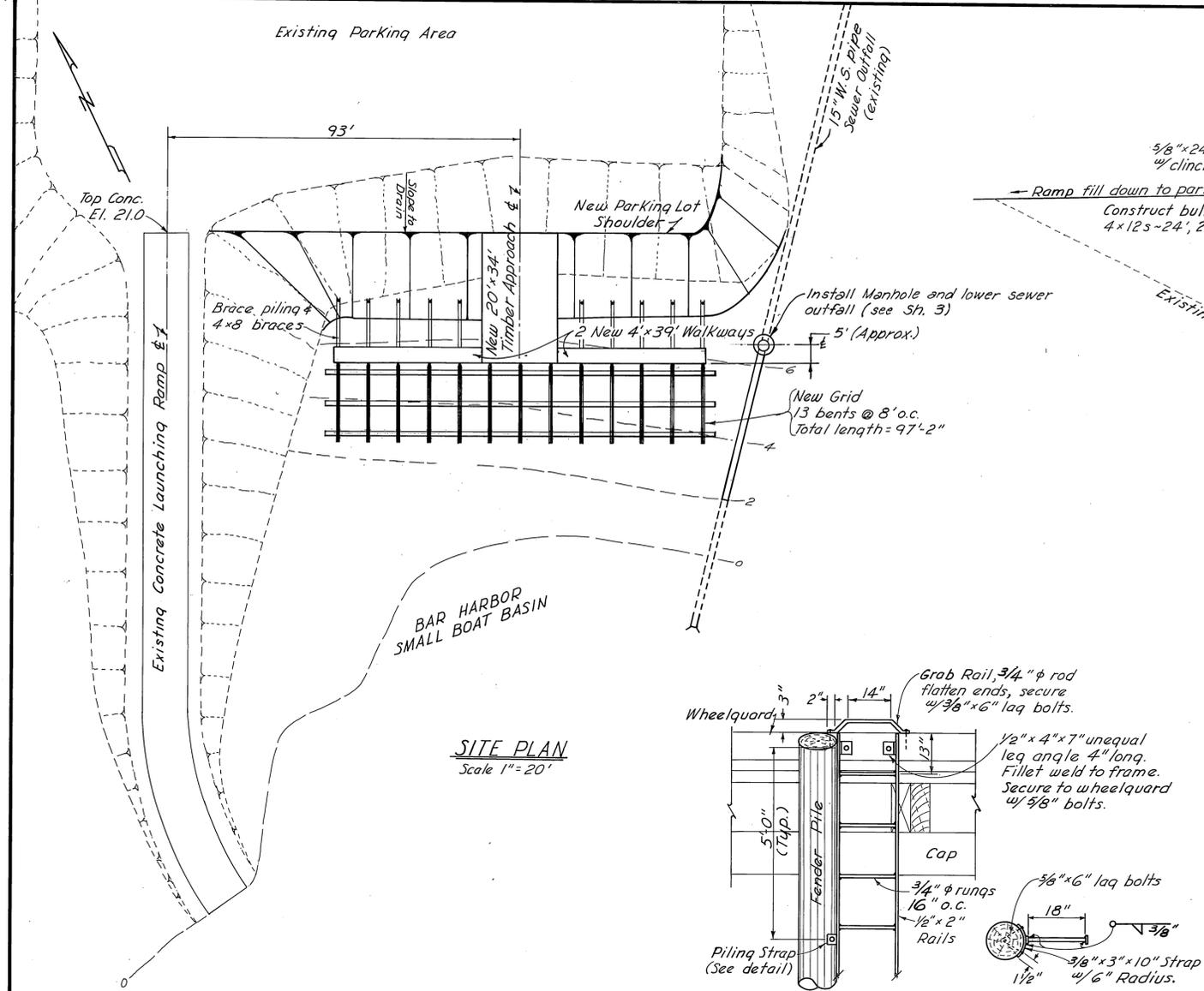
WORK SUMMARY
 Construction of a 20'x97'-2" timber boat
 grid with a 20'x34' timber approach and
 two 4'x39' walkways. Also included is
 enlarging the adjacent parking lot using
 650 cu. yds. of fill material and 275 cu.
 yds. of armor rock slope protection.

As Constructed
 As Constructed

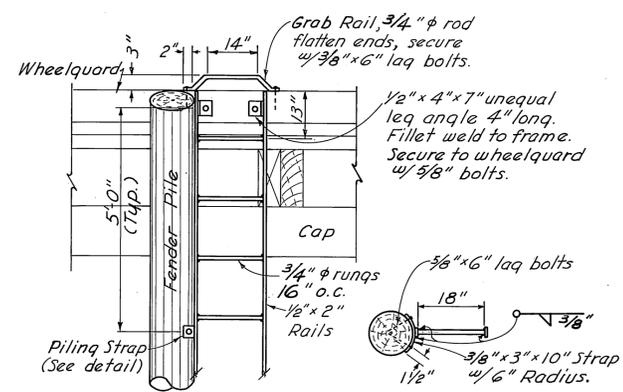
STATE OF ALASKA DEPARTMENT OF PUBLIC WORKS
DIVISION OF WATER & HARBORS

INDEX TO SHEETS	
1	TITLE SHEET
2	BAR HARBOR GRID

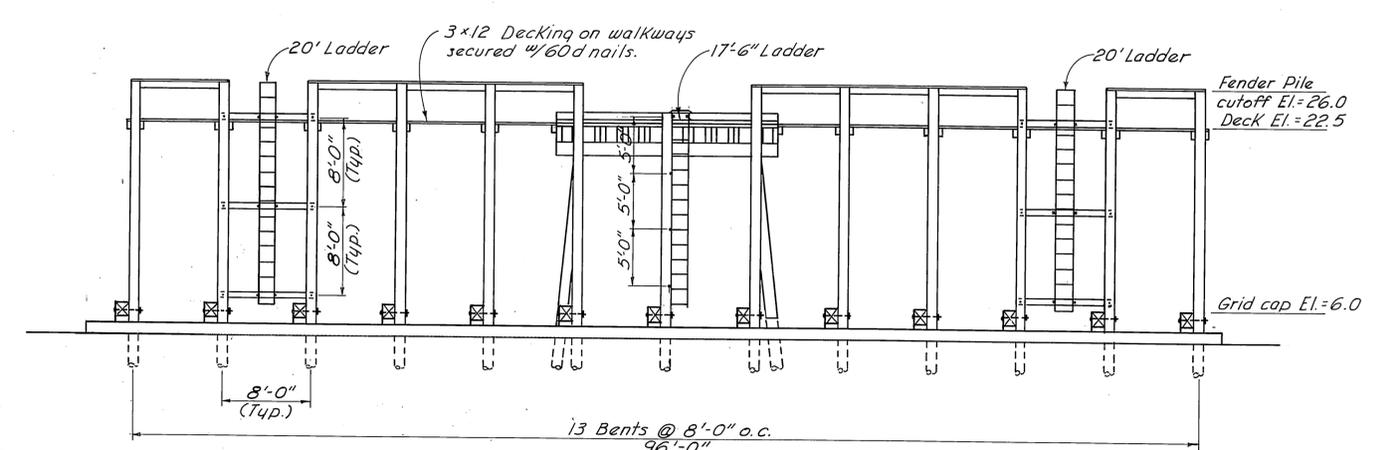
APPROVED
Harold Standberg
 COMMISSIONER
 DATE August 5, 1970
 SHEET 1 OF 2



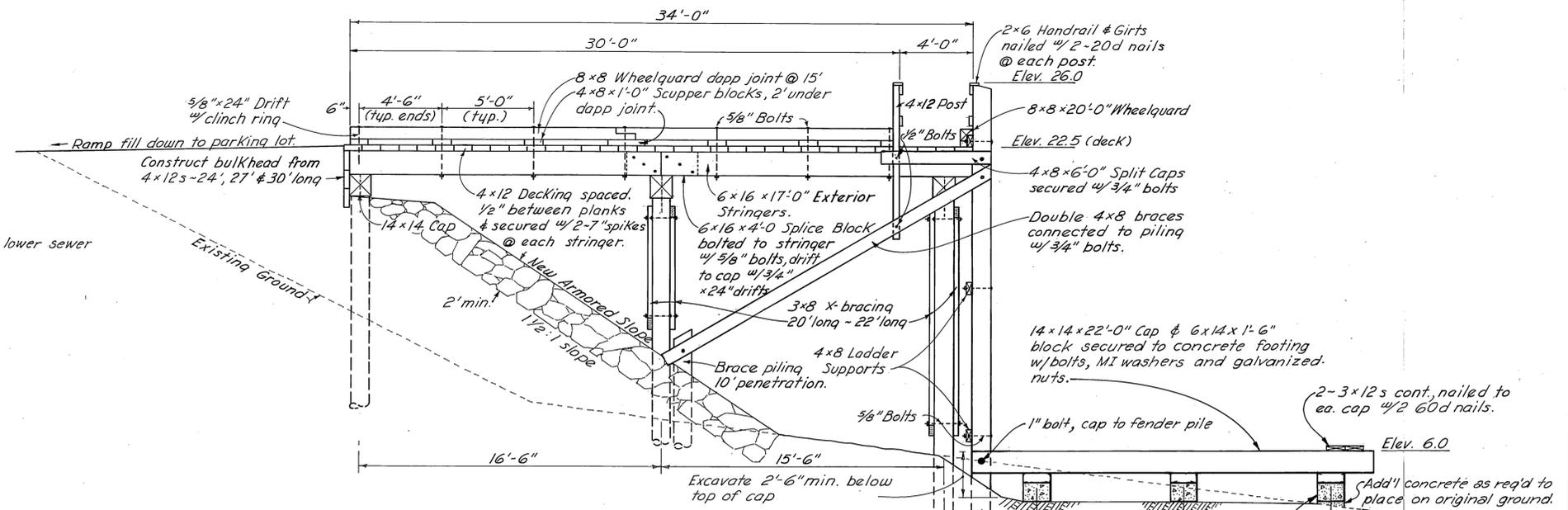
SITE PLAN
Scale 1" = 20'



CENTER LADDER DETAILS
Scale: 1/2" = 1'-0"



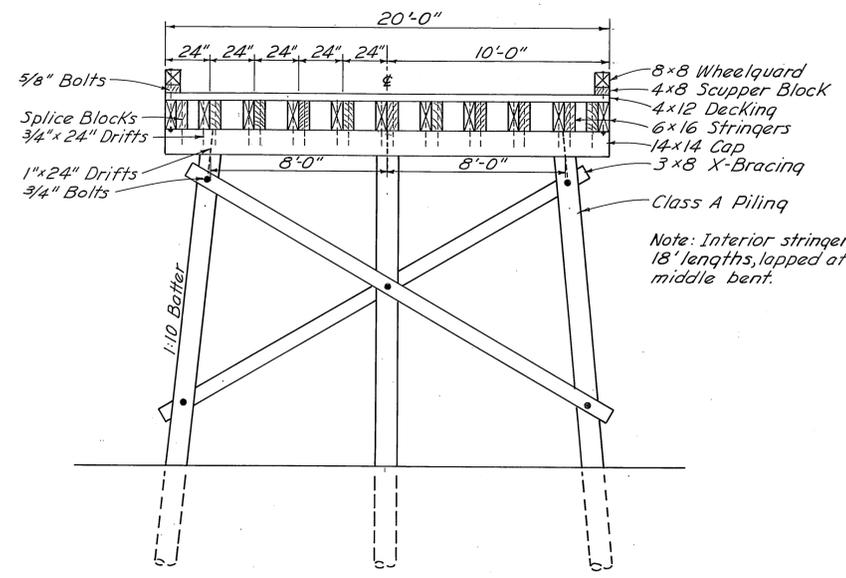
ELEVATION
Scale: 1/8" = 1'-0"



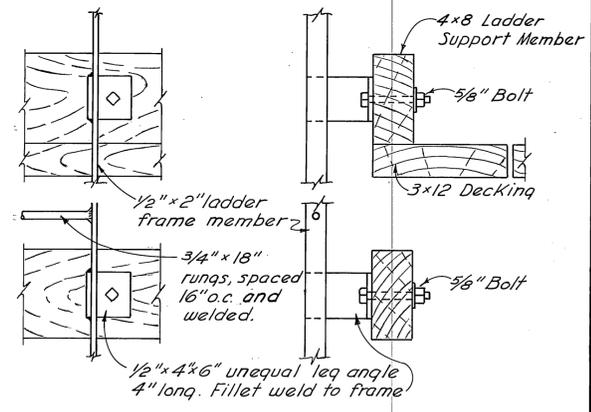
MATERIALS		
Item	Dressing	Treat.
Piling	Class A	12# Creo.
Grid Caps	Rough	"
Grid Walk	SIS2E	"
X-Bracing	Rough	"
4x8 Braces	Rough	"
Ladder Supp.	Rough	8# Creo.
Supp. Memb.	S4S	"
Approach Caps	S4S	"
Stringers	S2E	"
Bulkhead	Rough	"
Decking	SIS2E	"
Scupper Block	S4S	"
Wheelguard	S4S	"
H.R. Posts	S4S	"
Handrail	S4S	0.5# Penta
Girts	S4S	"

- NOTES:**
1. A malleable iron washer shall be placed between all nut & wood surfaces.
 2. All bolts to be of the economy headed type.
 3. All pressure treated creosote materials shall be cut to size prior to treatment.
 4. Drift holes in stringers & splice blocks, and bolt holes in exterior stringers and wheelguards shall be drilled prior to treatment. All other holes may be field drilled.
 5. All bearing piling to be driven tip down to 10' penetration or refusal. Fender piling shall be driven tip down to 5' penetration or refusal.

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



TYPICAL APPROACH BENT
Scale: 1/4" = 1'-0"



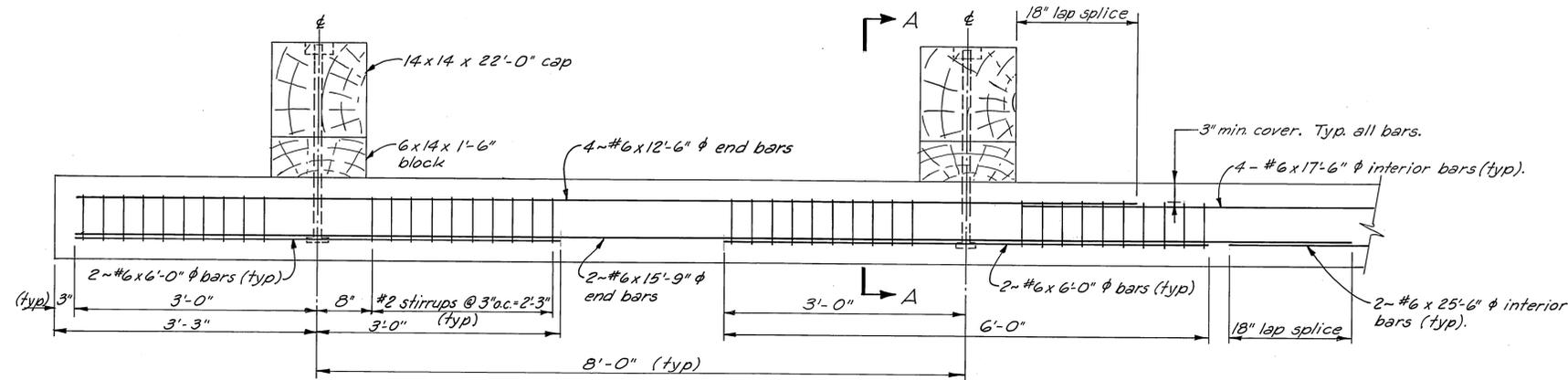
SIDE LADDER DETAILS
Scale: 1/2" = 1'-0"

DO NOT SCALE THIS DRAWING - USE DIMENSIONS

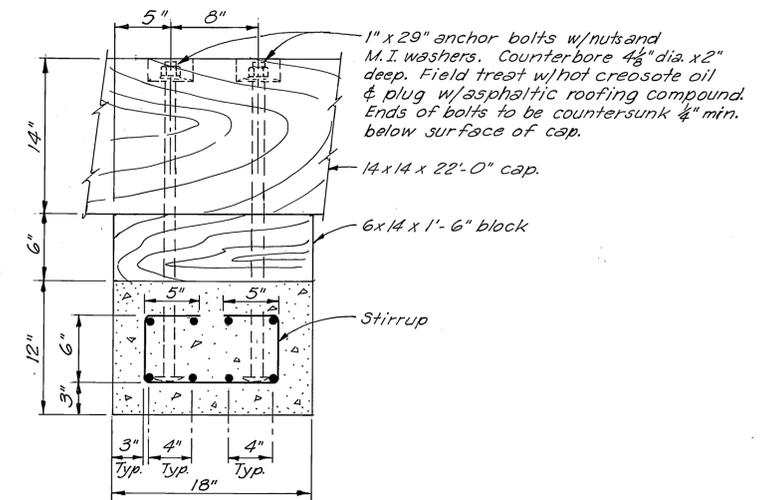
STATE OF ALASKA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF WATER AND HARBORS

**KETCHIKAN
BAR HARBOR GRID**

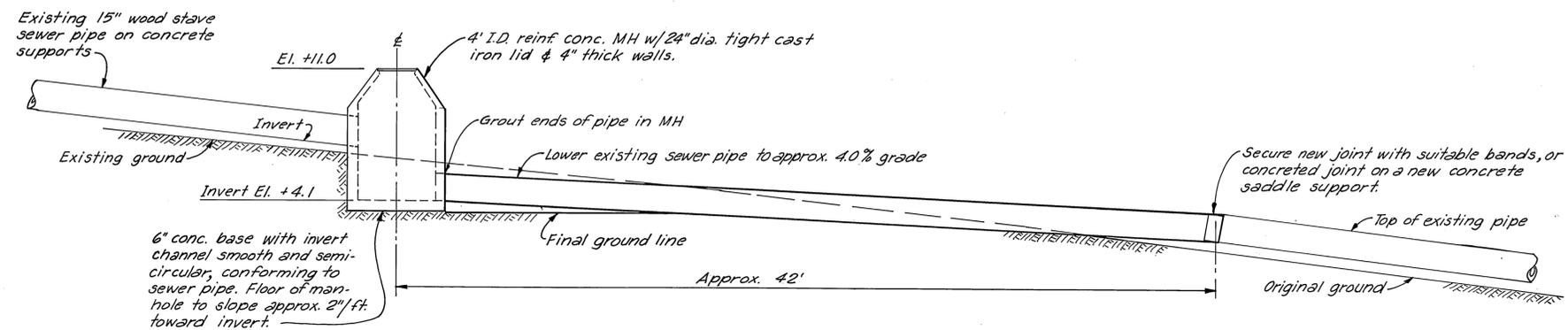
SCALE As Noted	SURVEYED E.L.S.	APPROVED
DESIGNED D.S.M.	DRAWN E.L.S.	DON STATTER
CHECKED D.S.M.	DATE 6-12-70	DIRECTOR
PROJECT NUMBER 3-71153		SHEET 2 OF 3



CONCRETE GRID FOOTING ~ REINFORCING DETAILS
 1" = 1'-0"



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



SEWER OUTFALL ~ RECONSTRUCTION DETAIL
 1/4" = 1'-0"

DO NOT SCALE THIS DRAWING - USE DIMENSIONS		
STATE OF ALASKA DEPARTMENT OF PUBLIC WORKS DIVISION OF WATER AND HARBORS		
<u>KETCHIKAN GRID</u> <u>MISC. CONSTRUCTION DETAILS</u>		
SCALE <i>As noted</i>	SURVEYED _____	APPROVED _____
DESIGNED <i>DSM</i>	DRAWN <i>J.E.T.</i>	<i>Don Statter</i>
CHECKED <i>DSM</i>	DATE <i>8-4-70</i>	DIRECTOR
PROJECT NUMBER <i>3-71153</i>	SHEET <i>3</i> OF <i>3</i>	