

CONSTRUCTION PLANS FOR
DILLINGHAM AIRPORT

SAND STORAGE BUILDING

D 10442

A.I.P. 3-02-0078-01

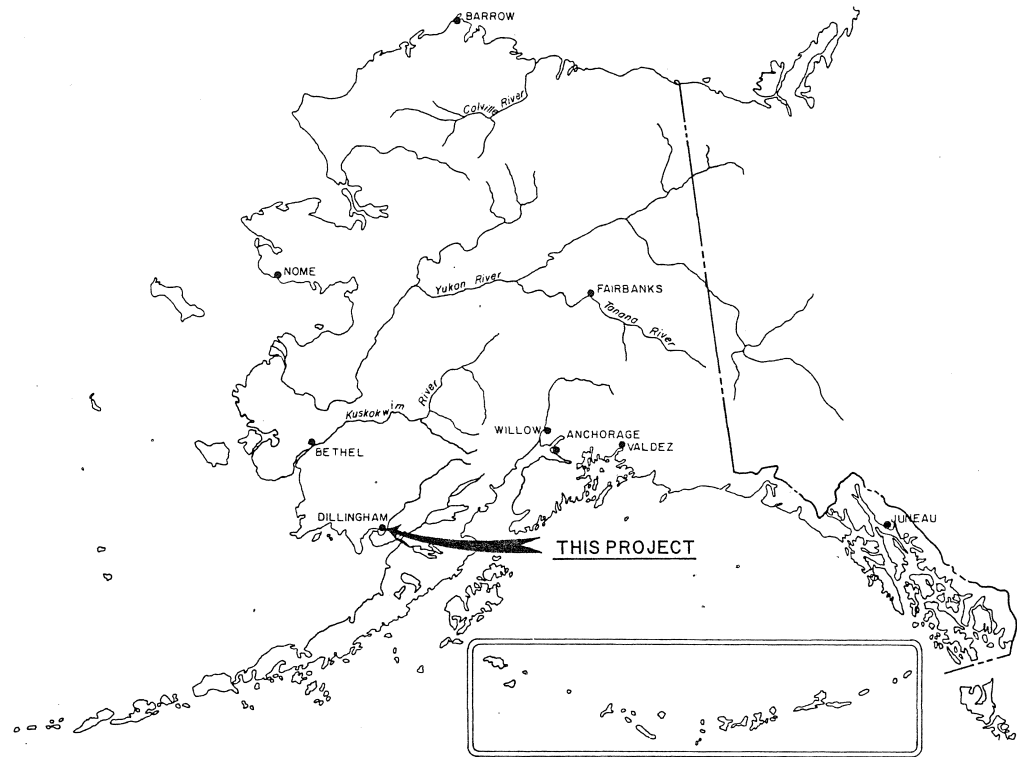
SPONSORED BY THE STATE OF ALASKA

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION and PUBLIC FACILITIES
AVIATION DESIGN & CONSTRUCTION CENTRAL REGION

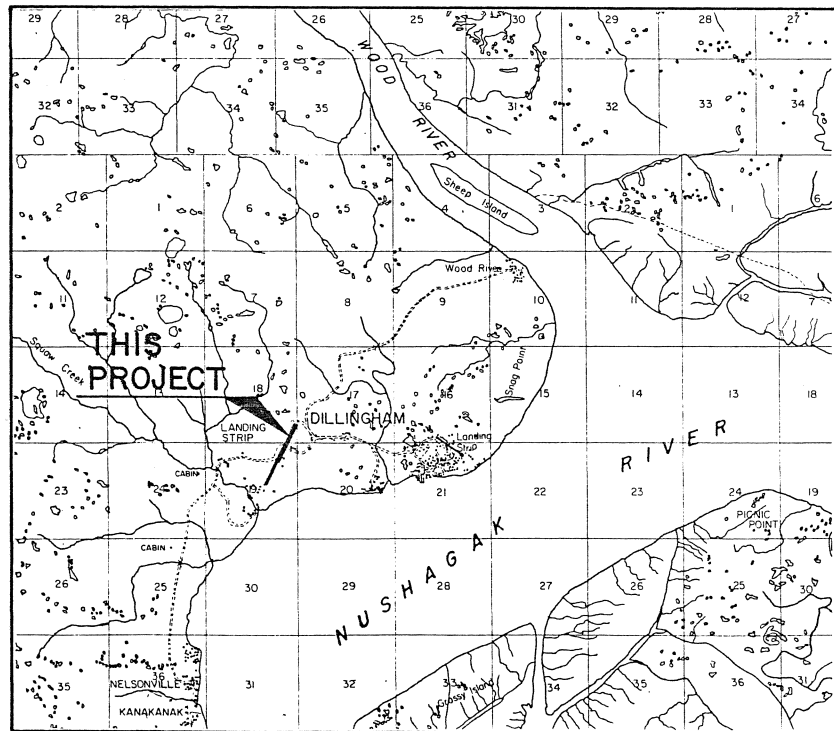
AS-BUILT

APPROVED William A. Allison DATE 1-5-83
WILLIAM A. ALLISON, P.E. CHIEF ENGINEER

APPROVED Jerome R. George DATE 10-3-86
JEROME R. GEORGE, P.E. CHIEF OF CONSTRUCTION
APPROVED Richard S. Armstrong DATE 1-5-83
RICHARD S. ARMSTRONG, P.E. DIRECTOR



LOCATION MAP
NO SCALE



VICINITY MAP
SCALE 1"=1 MILE

ESTIMATED QUANTITIES

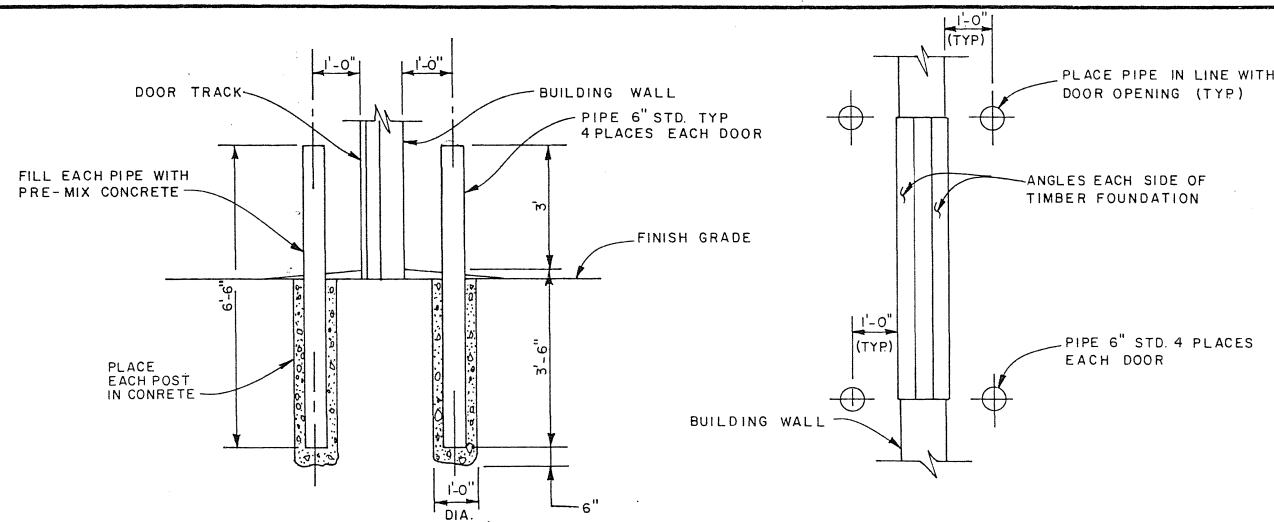
No.	ITEM	QUANTITY	UNIT
100	MOBILIZATION and DEMOBILIZATION	ONE JOB	LUMP SUM
145	SAND STORAGE BUILDING	ONE EACH	LUMP SUM

INDEX

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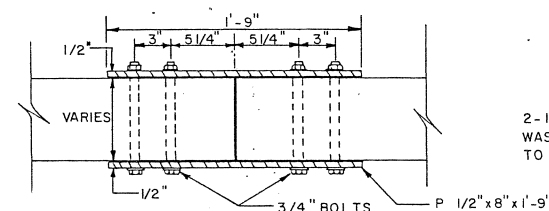


A.I.P. 3-02-0078-01		STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES AVIATION DESIGN AND CONSTRUCTION CENTRAL REGION	
DILLINGHAM AIRPORT D10442 LOCATION AND VICINITY MAPS, ESTIMATED QUANTITIES AND INDEX		APPROVED <i>Tommy Gene Heinrich</i> TOMMY GENE HEINRICH, P.E. CHIEF DESIGN ENGINEER	
DESIGNED <i>William Koester</i> WILLIAM KOESTER, P.E. WESTERN DESIGN ENGINEER		SCALE AS SHOWN	
BY DATE		DRAWN <i>2/28</i> DATE <i>1-5-83</i>	
REVISIONS		SHEET 2 OF 5	

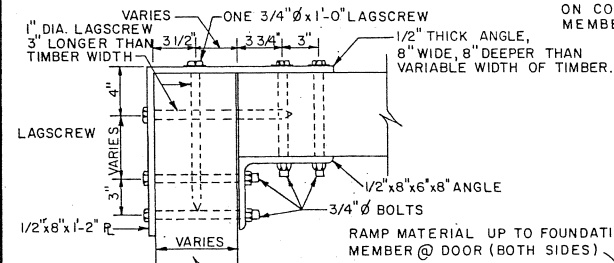


DOOR PROTECTION POSTS DETAIL
NO SCALE

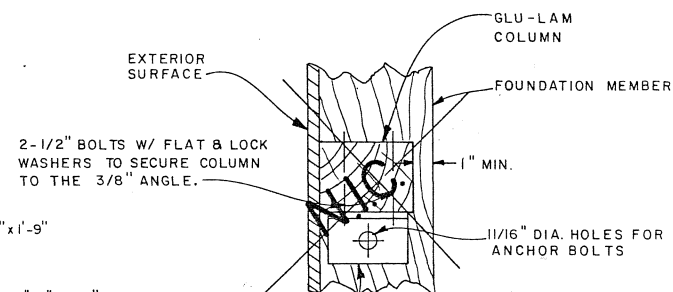
DETAIL 'B'
NO SCALE



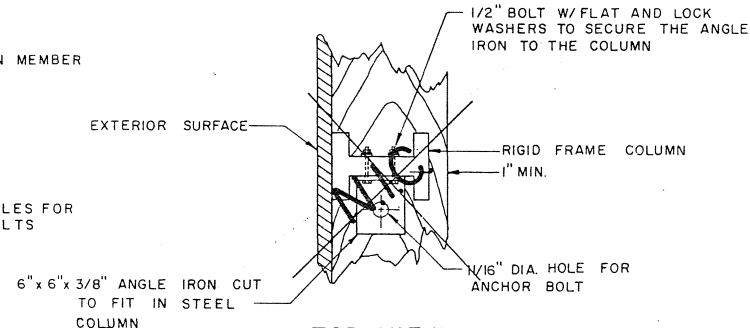
TOP VIEW FOUNDATION CONNECTOR
NO SCALE



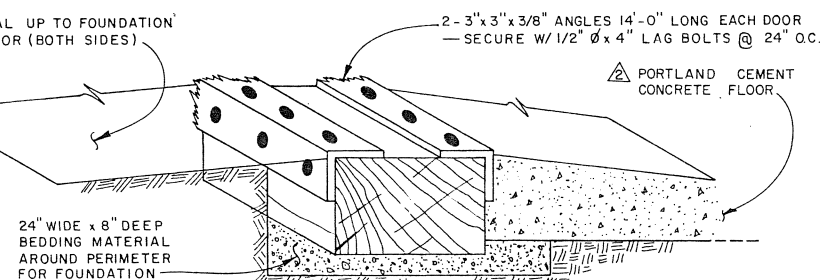
TOP VIEW CORNER CONNECTOR
NO SCALE



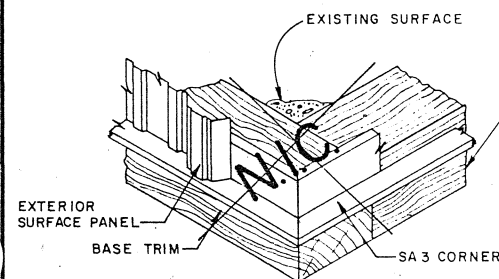
TOP VIEW GLU-LAM COL.
NO SCALE



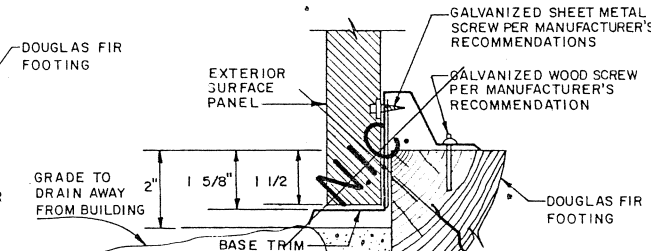
TOP VIEW STEEL COLUMN
NO SCALE



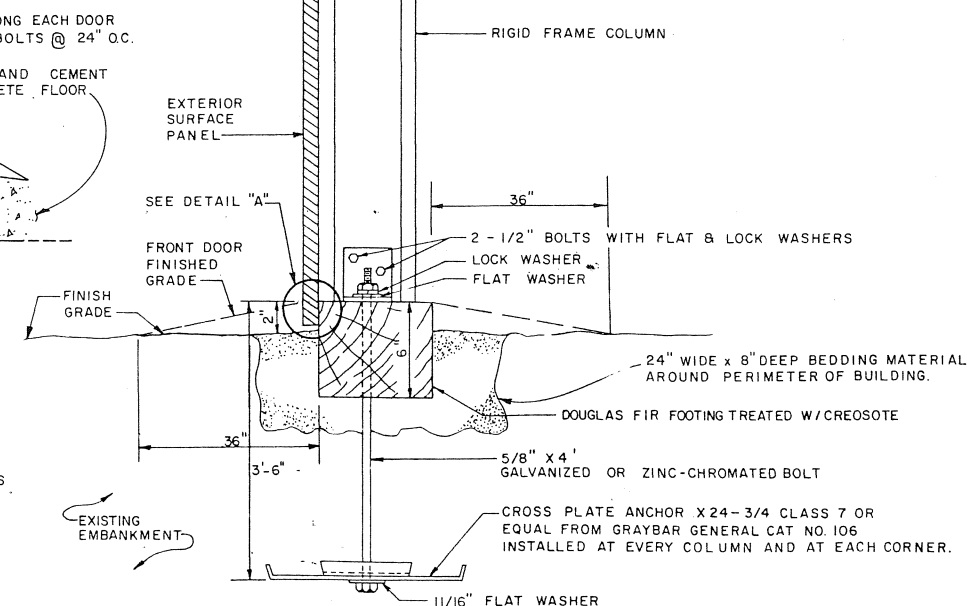
FOUNDATION MEMBER @ DOOR



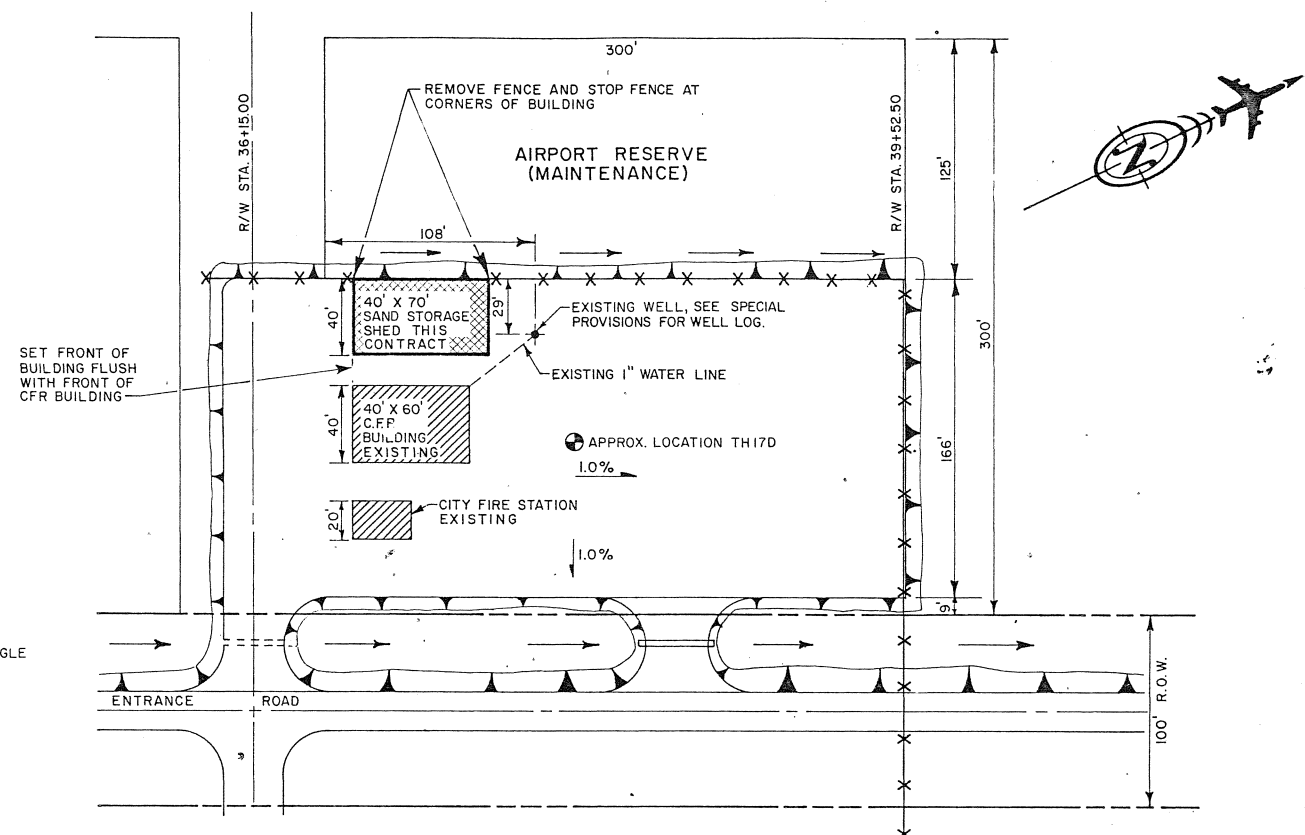
BUILDING CORNER DETAIL
NO SCALE



DETAIL 'A'
NO SCALE



END VIEW EQUIPMENT STORAGE BUILDING FOOTING AND ANCHOR DETAILS
(NO SCALE)



SITE PLAN
SCALE: 1"=50'

CASCADE BUILDING ERECTED AS PER MANUFACTURE'S INSTRUCTIONS

NOTES

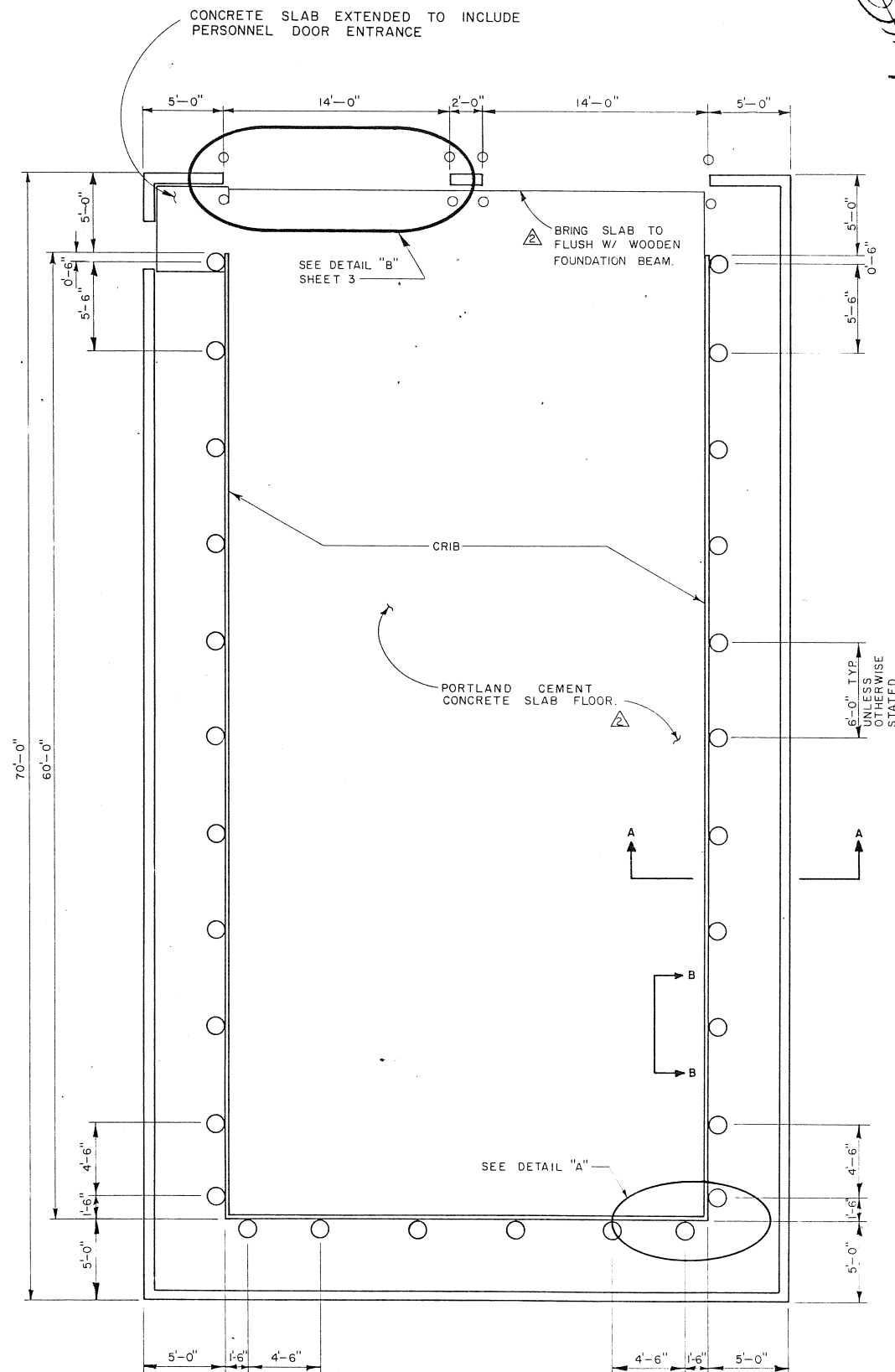
- USE EXISTING BUILDING PAD MATERIAL AS BEDDING MATERIAL.
- ANCHOR & BASE TRIM HOLES TO BE DRILLED IN THE FIELD AND APPROVED BY THE PROJECT ENGINEER.
- DOUGLAS FIR FOOTING SHALL BE 6" IN DEPTH. WIDTH WILL VARY IN ACCORDANCE WITH THE TYPE AND THICKNESS OF COLUMN OF BUILDING SUPPLIED.
- TOP OF THE FOOTING SHALL BE 2" ABOVE FINISH GRADE EXCEPT AT THE OPENING FOR THE OVERHEAD DOOR WHERE FINISH GRADE SHALL BE RAMPED UP EVEN WITH TOP OF FOOTING.

BY	DATE	REVISIONS
AS-BUILT	10/3/86	
ADDED A.I.P. #	7/23/84	
ADDED CEMENT CONCRETE FLOOR	2/27/84	
DESIGNED	10/3/86	
CHECKED	10/3/86	

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AVIATION DESIGN AND CONSTRUCTION CENTRAL REGION
DILLINGHAM AIRPORT
D10442
SAND STORAGE BUILDING
PAD & DETAILS

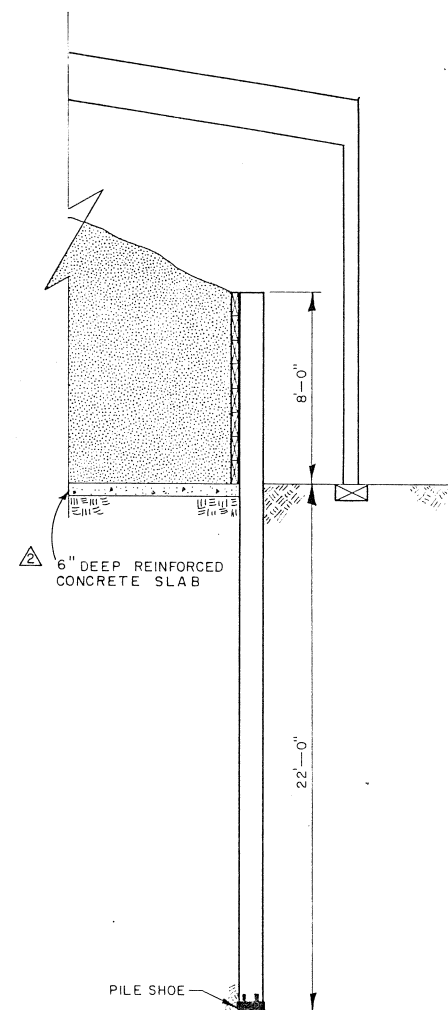
APPROVED	TOMMY GENE HEINRICH, P.E.	CHIEF DESIGN ENGINEER
APPROVED	WILLIAM KOESTER, P.E.	EASTERN DISTRICT DESIGN ENGINEER
SCALE	AS SHOWN	
DATE	1-5-83	



PLAN
1/8" = 1'

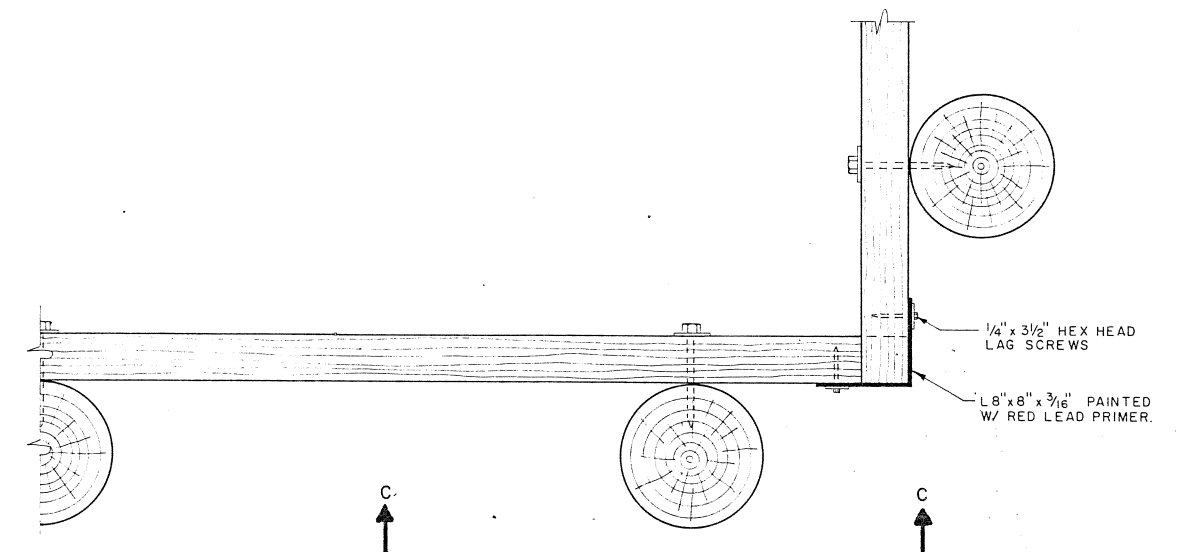
NOTE

1. ALL PLANKING TO BE ROUGH CUT 4" x 12". ALL PLANKING TO BE 18' MINIMUM LENGTH EXCEPT FOR CORNER & END PLANKS.
2. ALL LAG SCREWS SHALL BE INSTALLED IN PRE-DRILLED HOLES TO PREVENT SPLITTING OF PILES OR PLANKS.

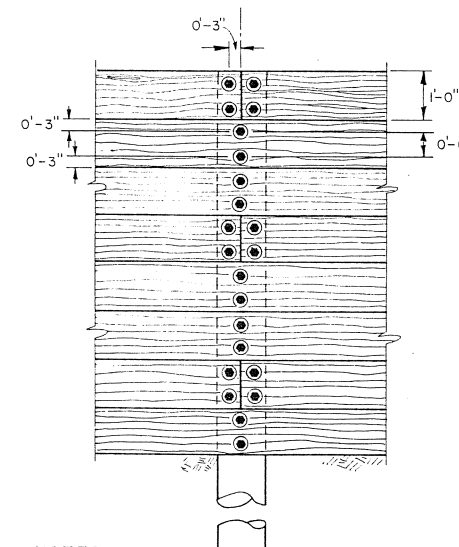


SECTION A-A
1/4" = 1'

CRIB PILING & BLDG. FOOTING DETAIL



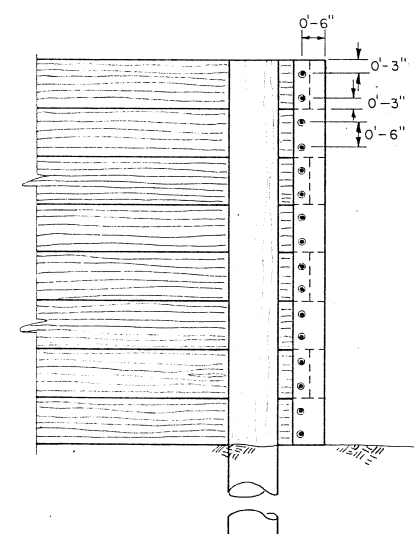
DETAIL "A"
1/2" = 1'



NOTES

1. BOLT PATTERN FOR END & MID-PLANK ATTACHMENT OF PLANKING TO PILE.
2. ALL FASTENERS ARE 1/2" x 8" LAG SCREWS W/ 3" WASHERS.

SECTION B-B
1/2" = 1'

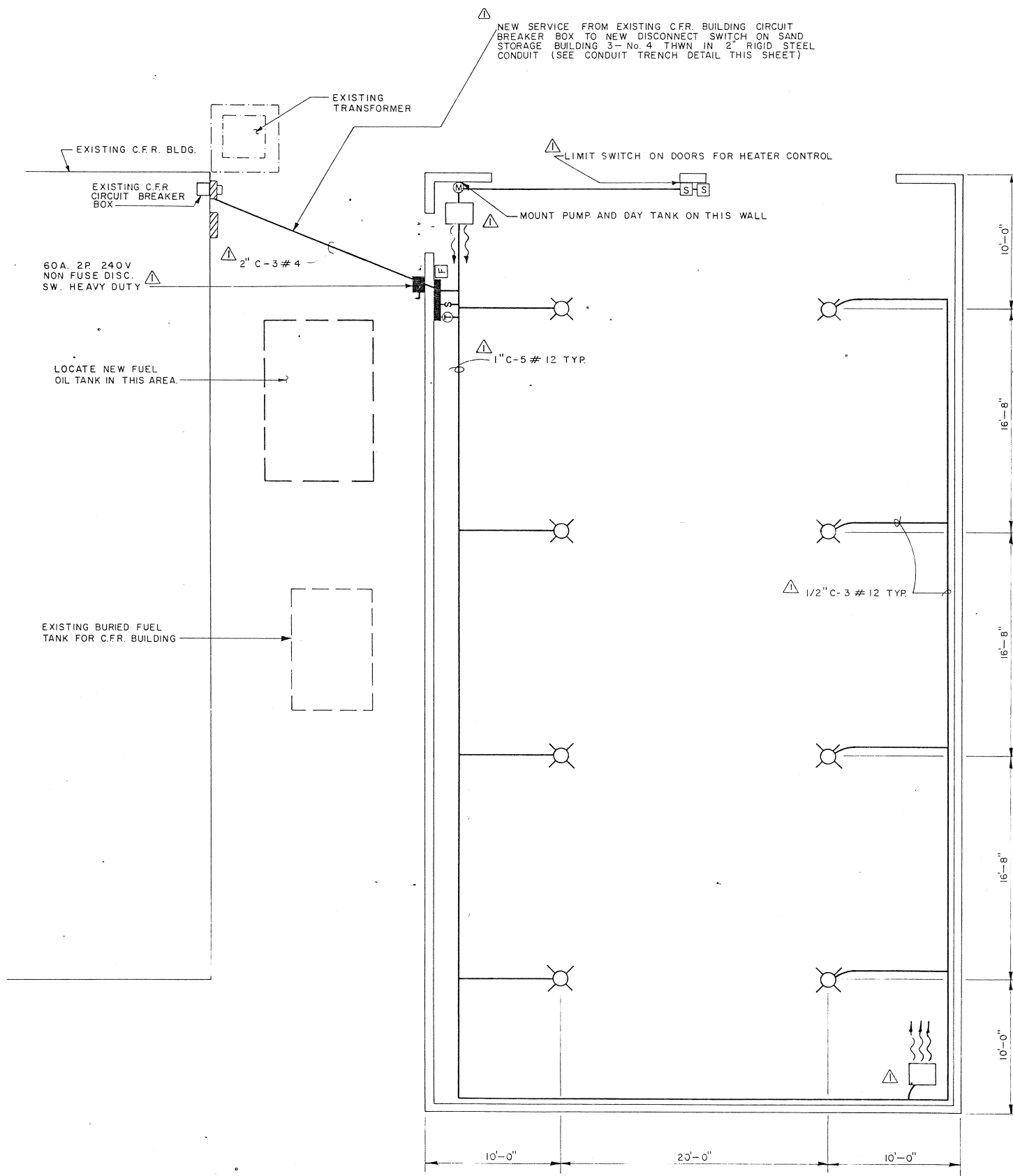


SECTION C-C
1/2" = 1'



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AVIATION DESIGN AND CONSTRUCTION — CENTRAL REGION
DILLINGHAM AIRPORT
D10442
SAND STORAGE SHED
PLAN & DETAILS

DESIGNED BY	10/12/82	AS-BUILT
CHECKED BY	7/23/84	ADDED A.I.P. #
APPROVED BY	7/29/84	ADDED CEMENT CONCRETE FLOOR
BY	DATE	CHANGE
REVISIONS		
AS SHOWN	CHECKED	DATE



NEW CIRCUIT BREAKER PANEL

SQUARE D TYPE QO LOAD CENTER WITH 100A, MAINS, 8 SPACES, 120/240V, 1Ø SURFACE MOUNTED ALL BKR'S RATED 10,000 A.I.C.

1-2P-20A BKR. LIGHTING CIRCUIT

1-1P-30A BKR. HEATER CIRCUIT

2-2P-30A BKR'S. (SPARES)

4-1P-20A BKR'S. (SPACES)

NOTES

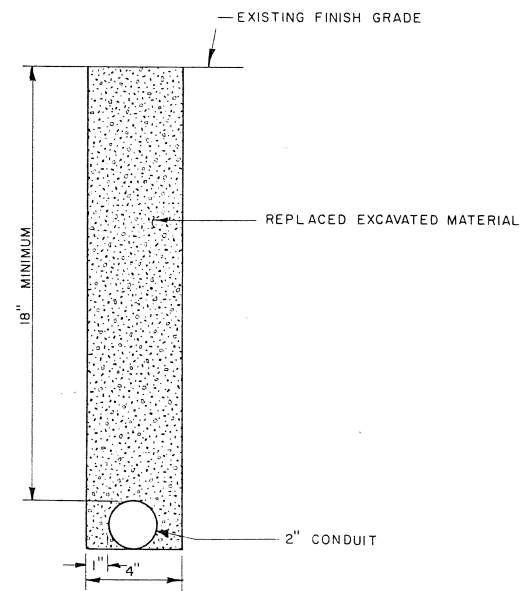
1. MOUNT LIGHTS WITH BOTTOM OF LIGHT 16' ABOVE FLOOR ELEVATION. HANG EACH LIGHT FROM CEILING MOUNTED JUNCTION BOX.
2. MOUNT SWITCHES & RECEPTACLES 48" MINIMUM ABOVE TOP OF FOOTING.
3. ALL WIRING SHALL BE IN METALLIC CONDUIT. MINIMUM WIRE SIZE SHALL BE #12 AWG COPPER. CONDUIT RUNS SHALL BE INSTALLED AT EAVE HEIGHT.
4. ROOF MOUNT FORCED AIR UNIT HEATERS SO THAT TOP OF HEATER IS 18" OR LESS BELOW EAVE HEIGHT.
5. FUEL OIL PIPING RUNS FROM DAY TANK TO FORCED AIR UNIT HEATERS SHALL BE APPROXIMATELY 3 FEET BELOW EAVE HEIGHT.

LEGEND

- G.E. LOWMOUNT 150 LUMINAIRE W/ 100 WATT, 240 VOLT LUCALOX BULB OR APPROVED EQUAL.
- THERMOSTAT, WHITE ROGERS 2A37-1 OR HONEYWELL T631C1012 OR APPROVED EQUAL. (MOUNTED ON INSULATING PAD)
- SWITCH, 20A, 240V, DOUBLE POLE, W/ STAINLESS STEEL PLATE, ALLEN-BRADLEY PUSH BUTTON AND HUBBELL No. 1121 OR APPROVED EQUAL.
- NEW CIRCUIT BREAKER BOX
- NEW METALLIC CONDUIT
- OIL FIRED OVERHEAD FORCED AIR HEATER-JACKSON-CHURCH OUF-84 OR APPROVED EQUAL.
- NEW DISCONNECT SWITCH
- LIMIT SWITCH FOR HEATER CONTROL
- FUEL TANK QUANTITY GAUGE

CONDUIT TRENCH DETAIL

NO SCALE



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DILLINGHAM AIRPORT
D10442
SAND STORAGE SHED
ELECTRICAL PLAN

APPROVED	<i>Tommy Gene Heinrich</i>	CHIEF DESIGN ENGINEER
APPROVED	<i>William Kuester</i>	WESTERN DISTRICT ENGINEER
SCALE	1/5" = 1'	
CHECKED	<i>EL</i>	
DATE	1-5-83	
SHEET	5	OF 5