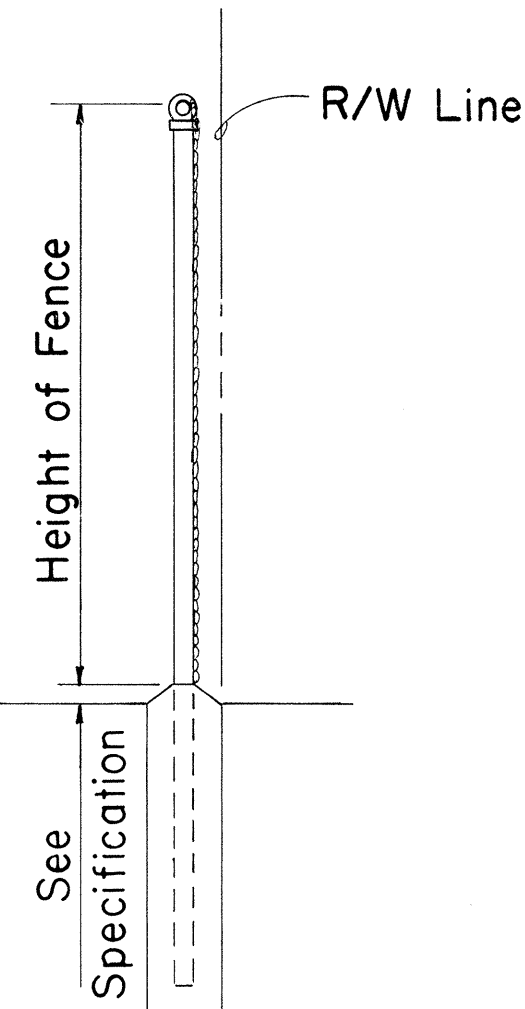
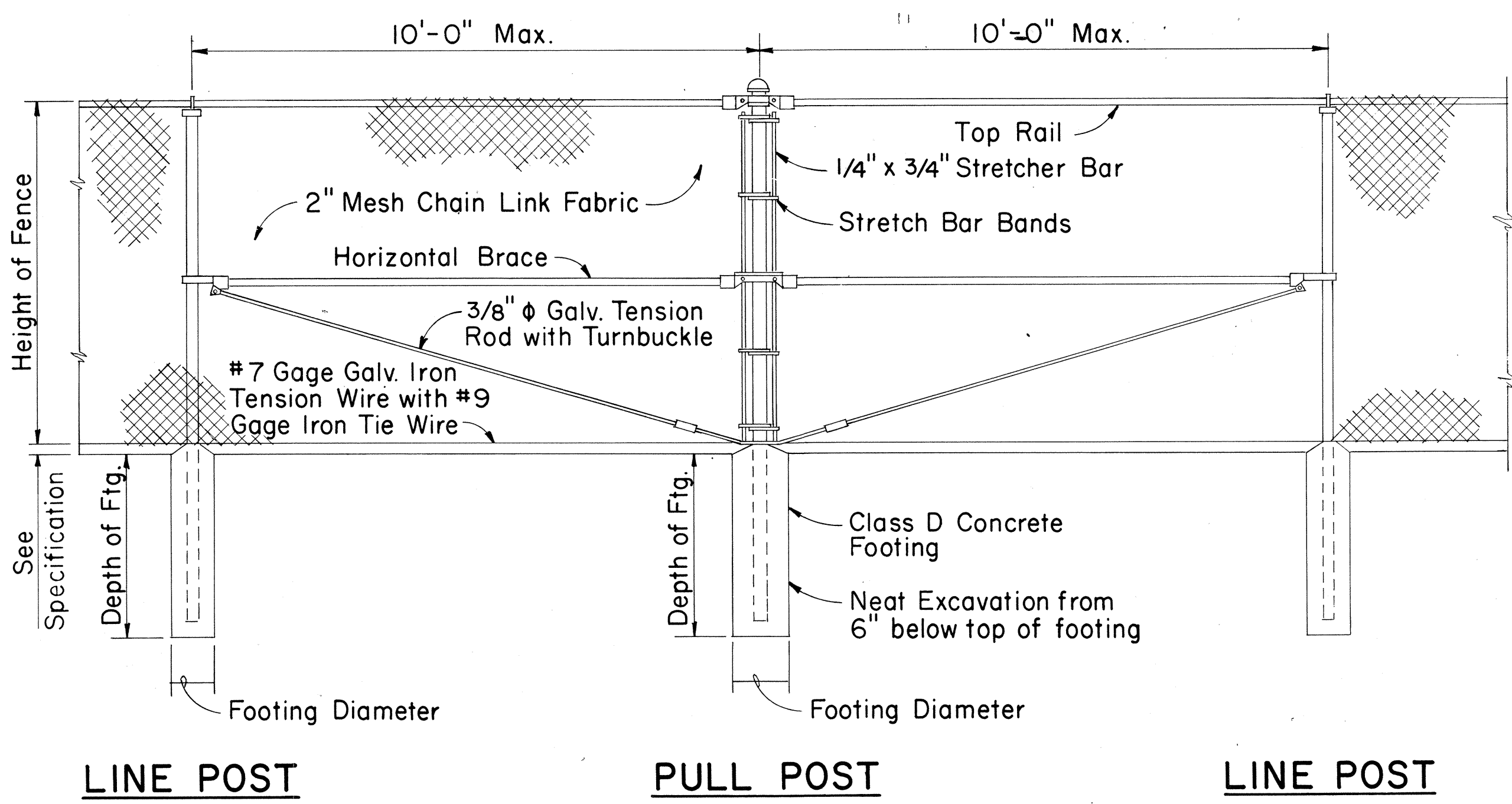
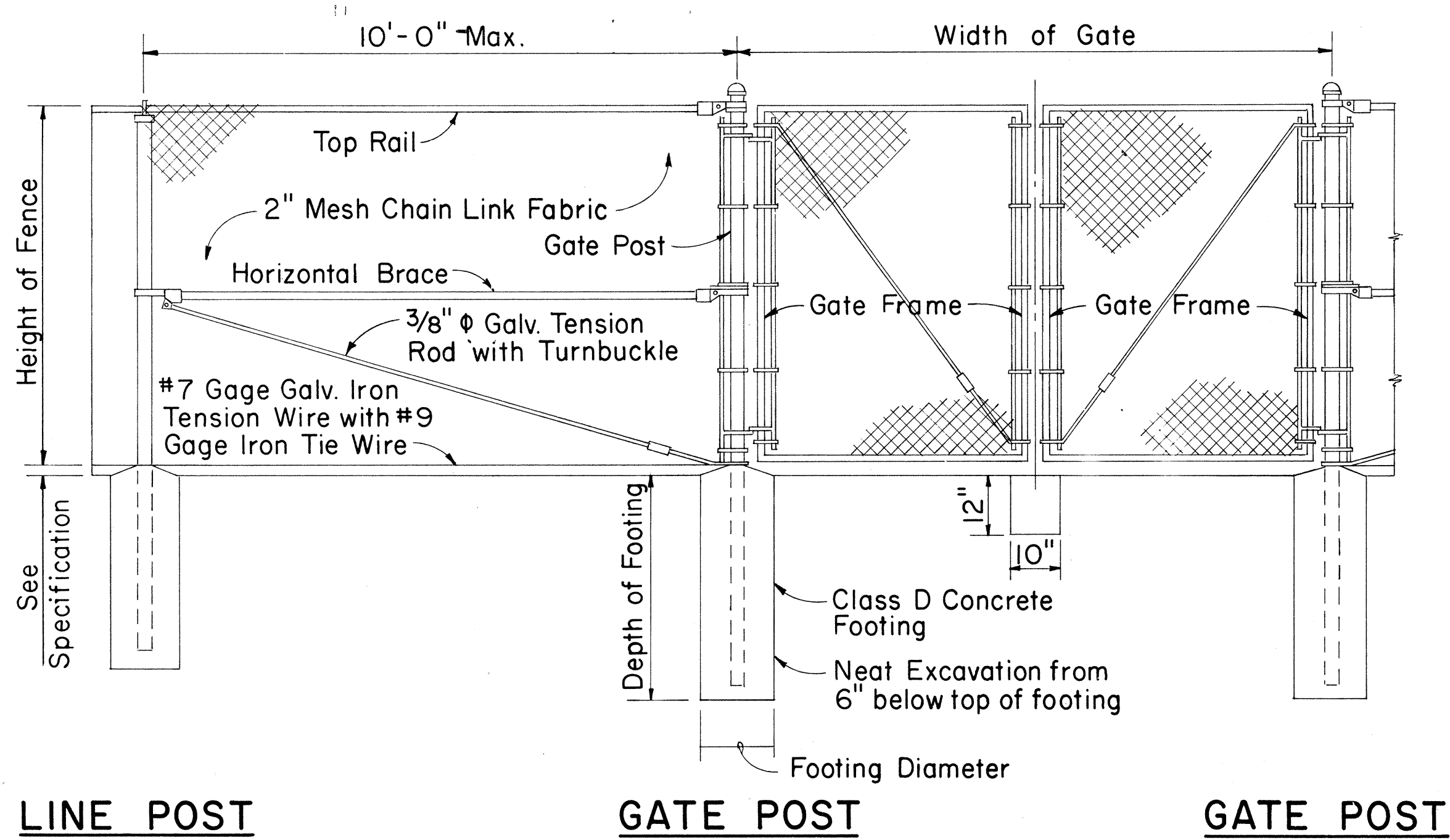
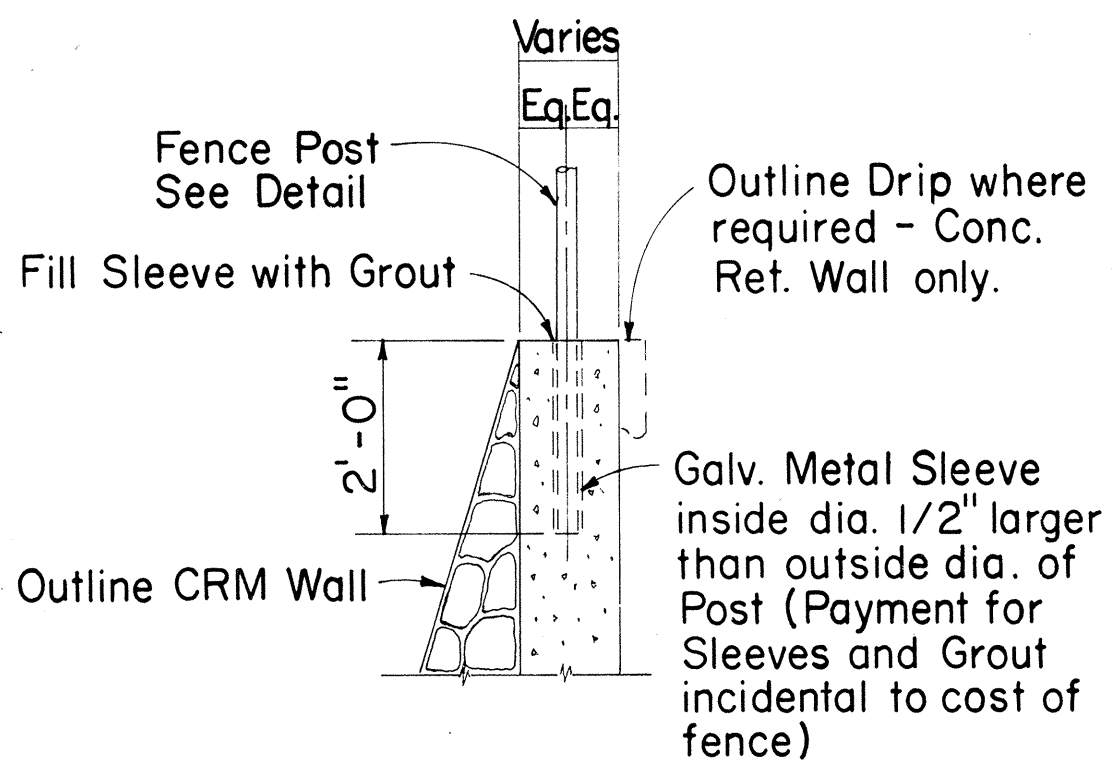
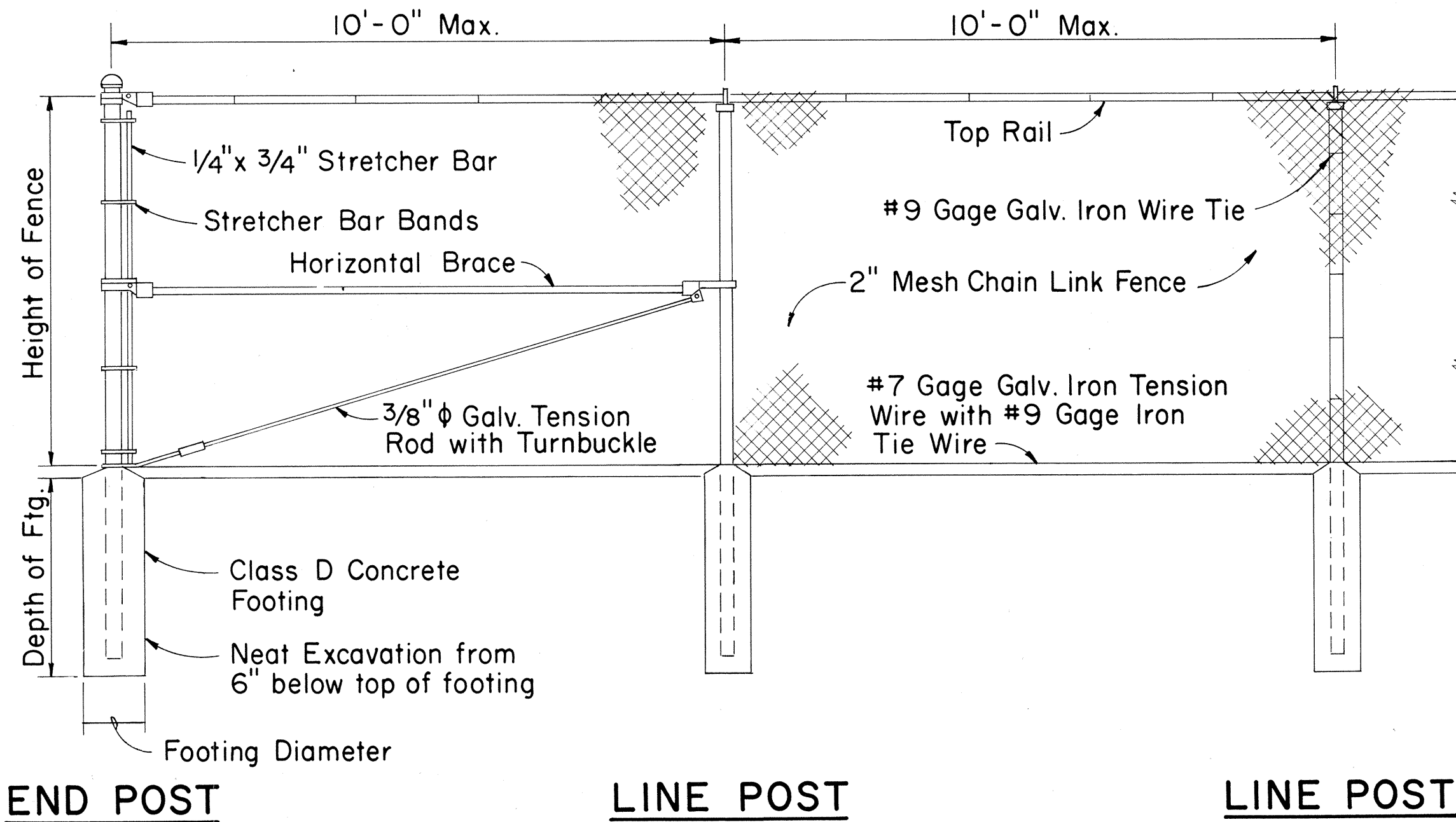
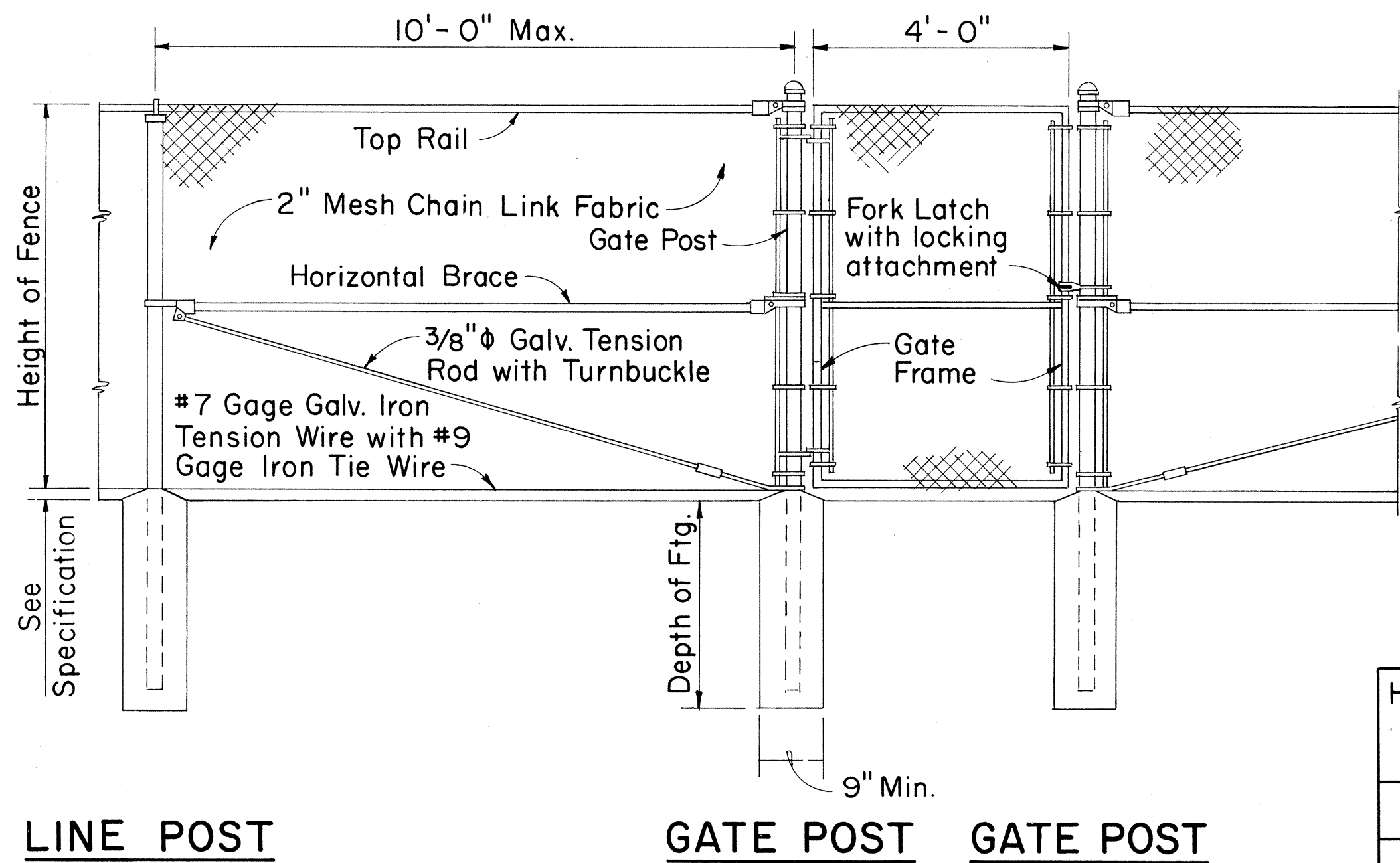




**TYPICAL SECTION
(WITH CONCRETE FOOTING)**

DETAIL OF CHAIN LINK GATE

- NOTE: 1. Gate fork latch and lock, flush plate and anchor, and plunger shall be installed with Gates, and shall be considered as incidental to Chain Link Fence Gate.
2. Gate frames shall be mitered and welded at corners.
3. Fence detail not shown shall be in accordance with the Standard Specifications.



**TYPICAL SECTION
(ON CRM & CONC. RET. WALL)**

CHAIN LINK FENCE DETAILS

Height of Fence	Minimum Depth of Footing		Minimum Footing Diameter	
	Line Post	Corner, Pull, End and Gate Posts	Line Post	Corner, Pull and End Posts
3'	2'-0"	2'-6"	8"	8"
4'	2'-6"	2'-6"	8"	8"
5'	3'-0"	3'-0"	8"	8"
6'	3'-0"	3'-0"	8"	9"

APPROVAL, RECOMMENDED:
HIGHWAY DESIGN ENGINEER 12-4-69 DATE
APPROVED:
ASSISTANT CHIEF, ENGINEERING 12-10-69 DATE

NO	REVISION	APPROVED BY	DATE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
STANDARD DETAILS
CHAIN LINK FENCE
(WITH TOPRAIL)
Scale: 1/2" = 1'-0" Date: SEP 1981
SHEET No. 1 OF 8 SHEETS DD 607.1

Diagram illustrating a Class B concrete pile cap. The cap is 12" o.c. (on center) and 10" Dia. (diameter). It is embedded 3/4" I.D. (inside diameter) Galv. Pipe (galvanized pipe). The cap is supported by 8" (height) and 12" (width) dimensions. A 1/2" Ø Steel Plunger Bar, 39" long, is shown passing through the cap. The cap is labeled "Fin. Grade" (finished grade). The concrete is labeled "Class B Concrete".

[illegible][illegible]

1 5/8" O.D. Pipe
2.27 #/ft.

1/8"

1/2" ϕ

3/8" ϕ

1 3/8"

5/8"

3/8"

7/8" 7/8"

Top Strand of Fence

1/2" ϕ Bolt, USS Thread,
2" long, Hex. Head w/ Nut

DETAIL

of Fence

read, and w/Nut

#/ft.

7' or 10'

7 Ga. G.S. Wire @ 10" o.c.

4'-0"

4'-6"

8'-0"

DETAIL "A"

9" Min. 22" Max.

Brace

18" Min.

4" Min.

2" Min.

Neat Excavation

Neat Excavation

3'-6"

18" sq. or 20" dia. Minimum

1. Gate Hinge Blades and Plunger bar guides shall be chamfered $\frac{1}{32}$ " all around and as required to prevent conflict between moving parts.
2. All parts of Gates shall be galvanized after fabrication.
3. All holes shall be reamed as necessary to admit hinge bolts or plunger bars.
4. Gate panels shall be strung with 7ga. smooth fence wire spaced to conform to spacing of adjacent fence strands.
5. One plunger bar required per set of double-hung gates. None required for single-hung gate.

Drill $17/32''$ ϕ for $1/2''$ ϕ Bolt

$1/4$

$1 1/4$

$5/8'' R$

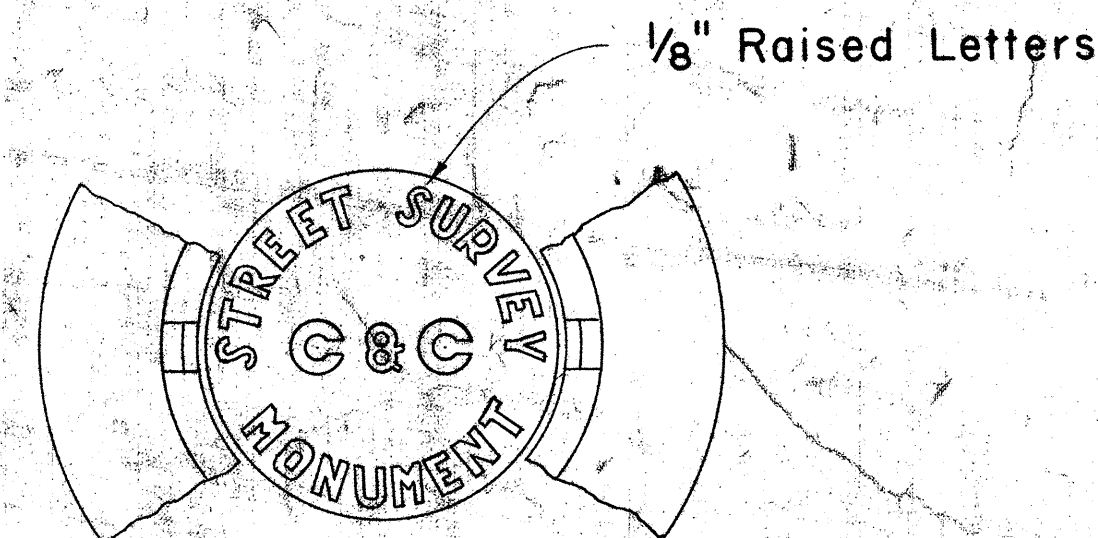
$1/4$

$1/4$

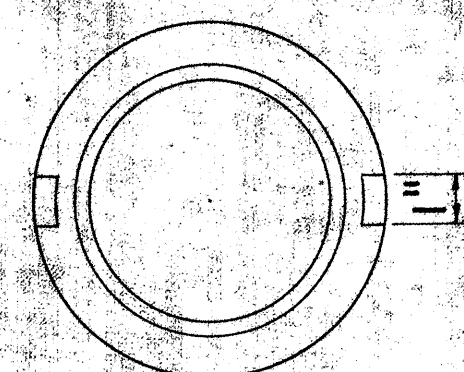
NO.	REVISION	APPROVED BY	DATE

SHEET No. 2 OF 8 SHEETS DD 607.3

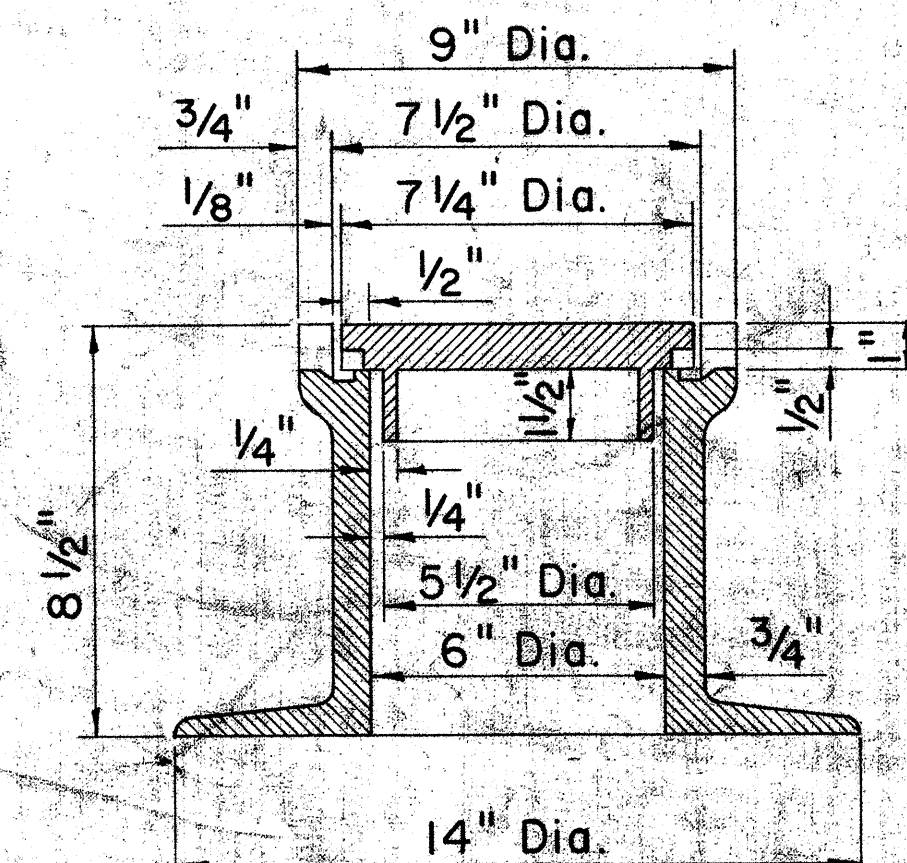
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-030-1(8)	1981	23	22



TOP VIEW OF COVER AND PORTION OF FRAME



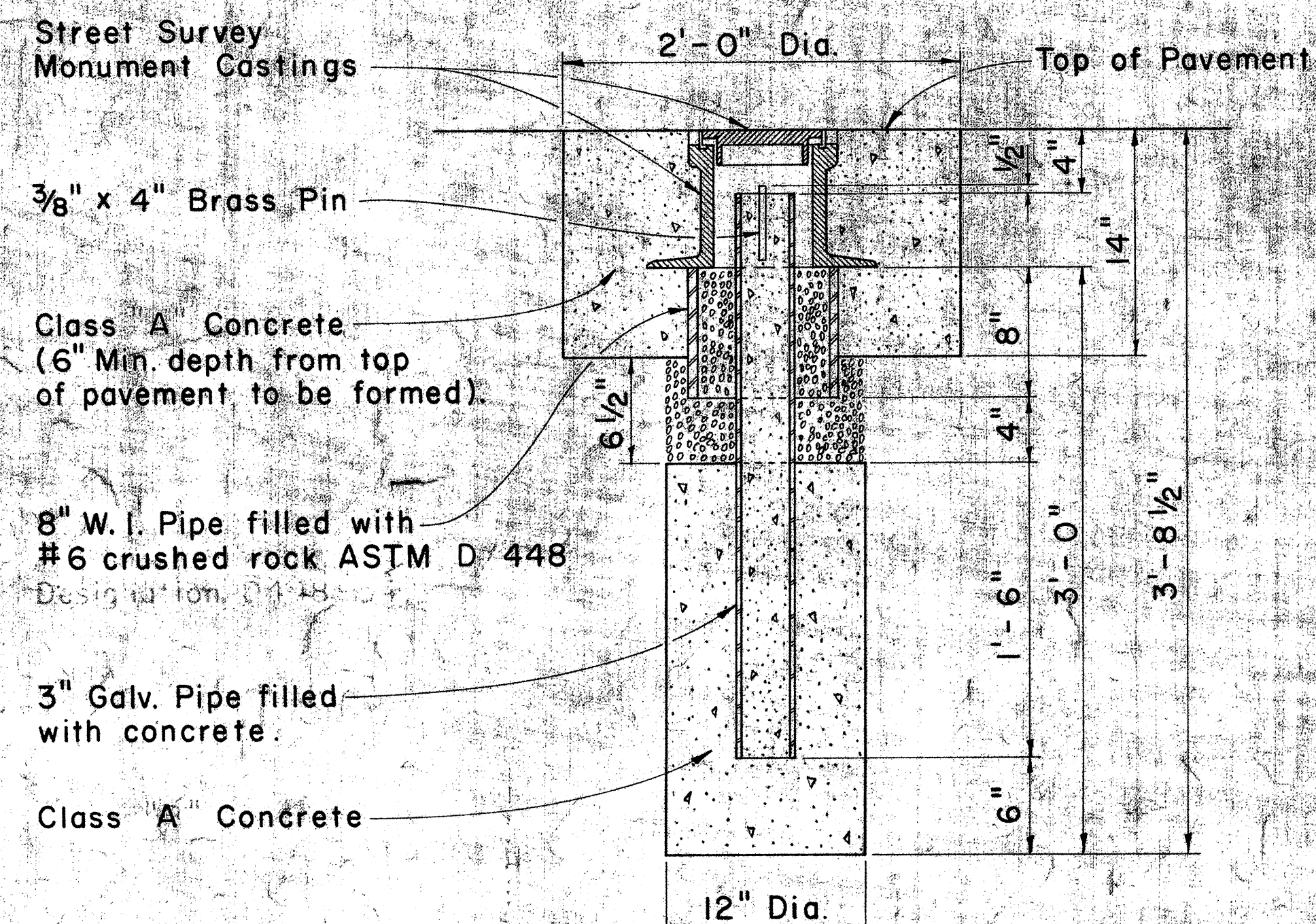
BOTTOM OF COVER



SECTIONAL VIEW OF FRAME AND COVER

STREET SURVEY MONUMENT CASTINGS

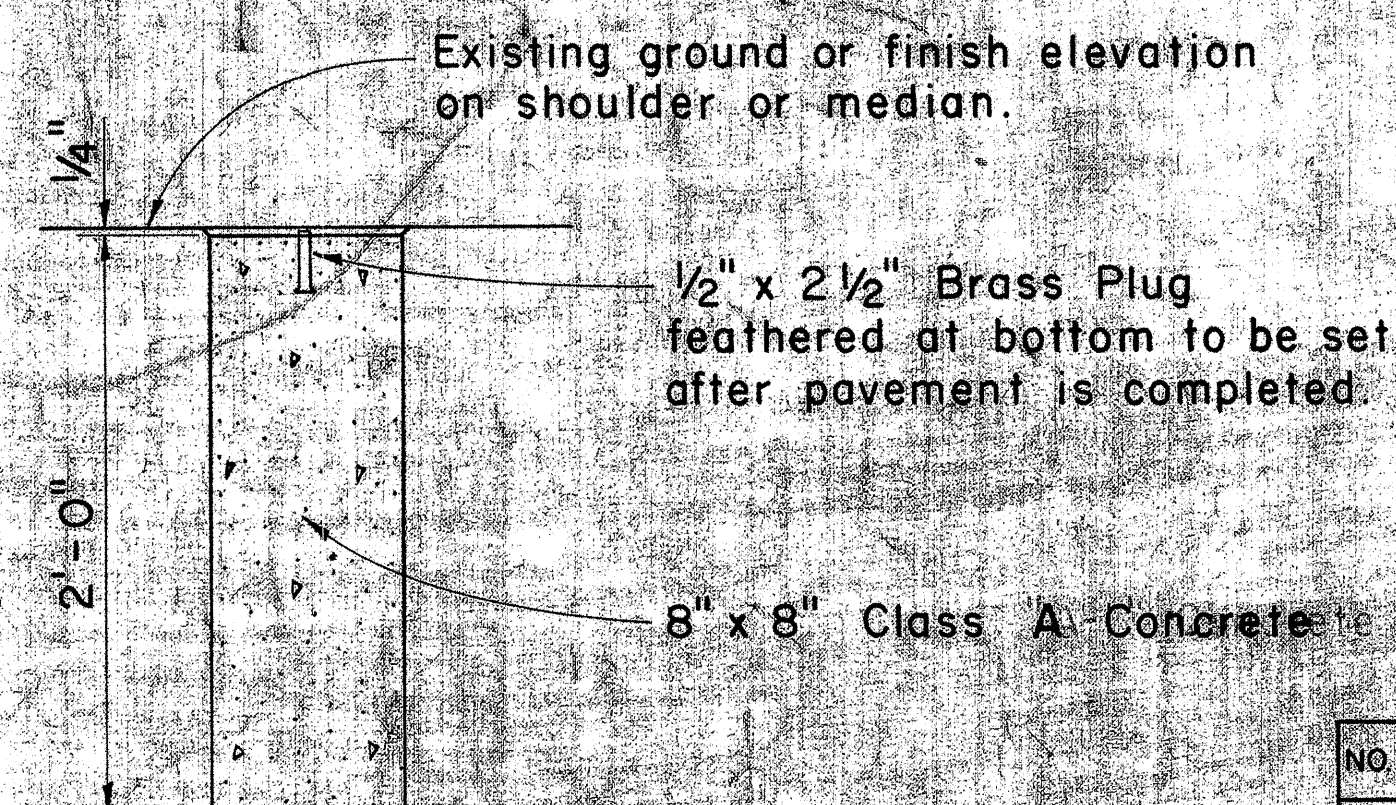
Scale: 3" = 1'-0"



NOTE:
Where the excavation extends into solid rock the depth may be decreased if approved by the Engineer.

STREET SURVEY MONUMENT

Scale: 1 1/2" = 1'-0"



DETAIL FOR CENTERLINE, REFERENCE SURVEY AND C & C STREET SURVEY MONUMENTS

Scale: 1 1/2" = 1'-0"

APPROVAL RECOMMENDED:
[Signature] 12-1-81
HIGHWAY DESIGN ENGINEER DATE

APPROVED:
[Signature] 12-1-81
ASSISTANT CHIEF, ENGINEERING DATE

NO.	REVISION	APPROVED BY	DATE

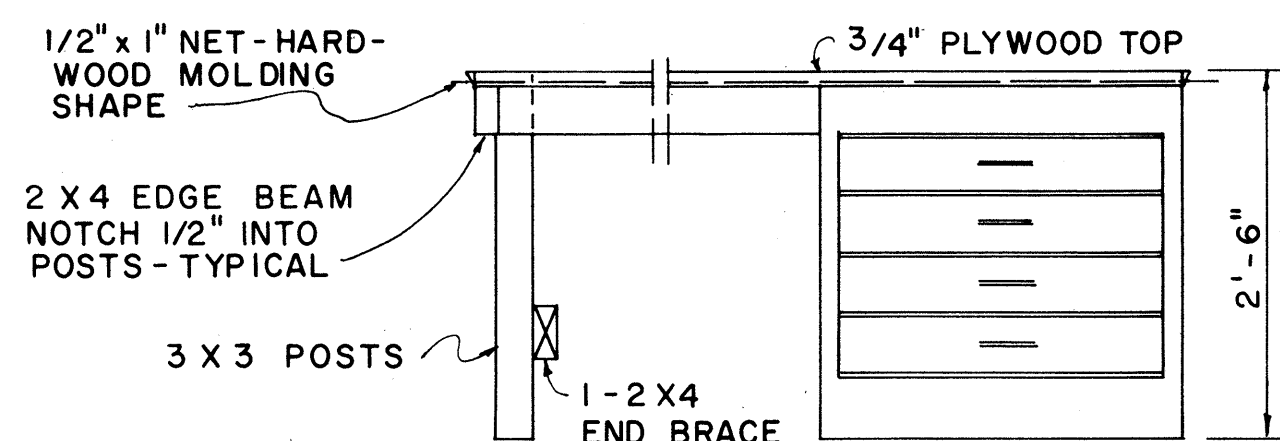
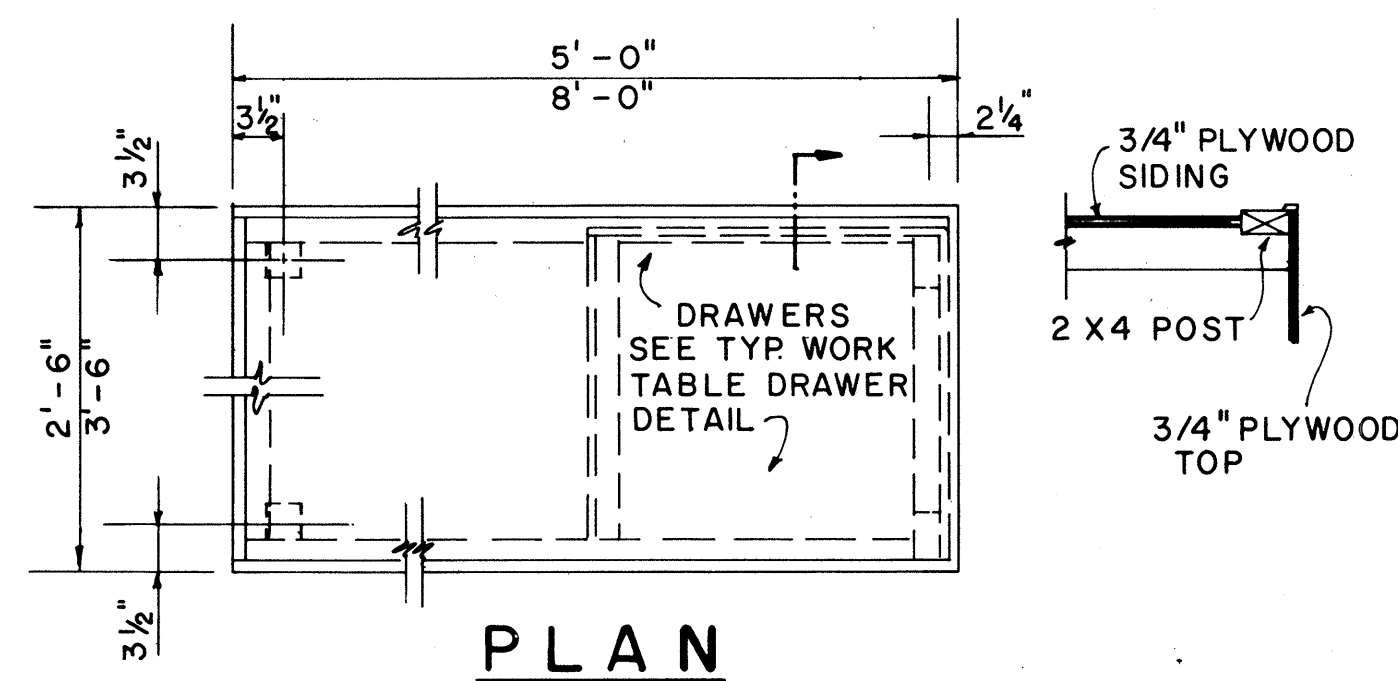
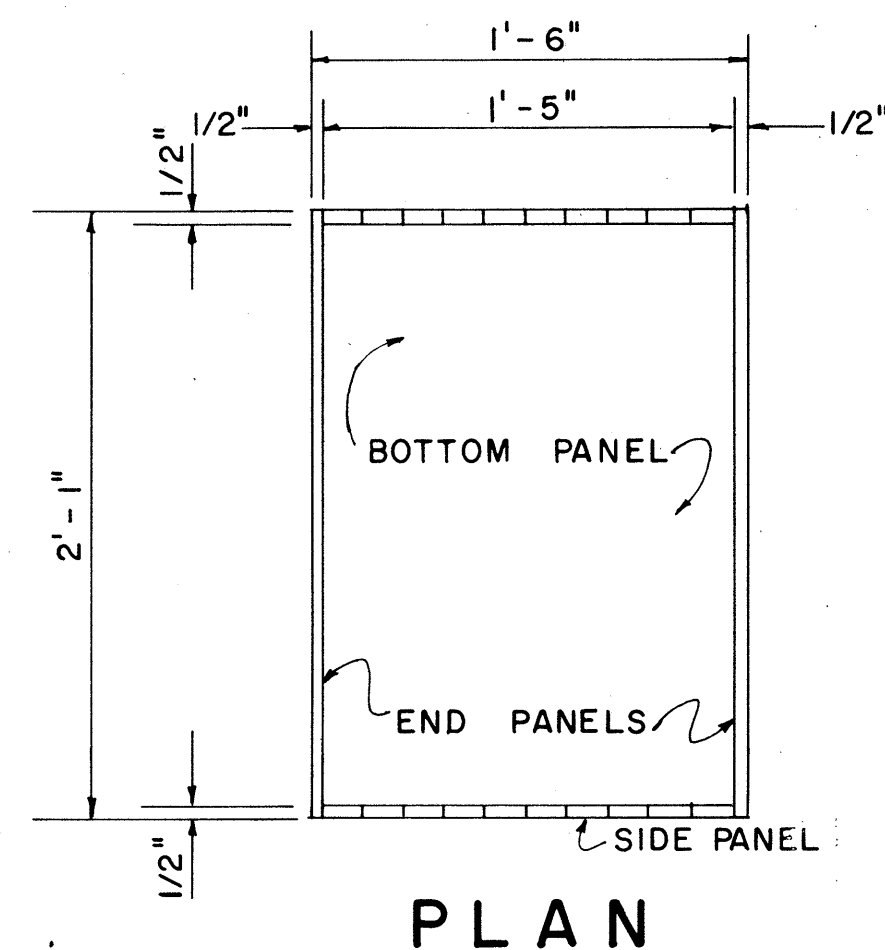
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

STANDARD DETAILS
CENTERLINE, REFERENCE SURVEY
AND C & C STREET SURVEY
MONUMENTS

Scale: As Shown SEP 1981

SHEET No. 23 OF 22 SHEETS DD 613

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAWAII	F-030-1(8)	1981	25	22

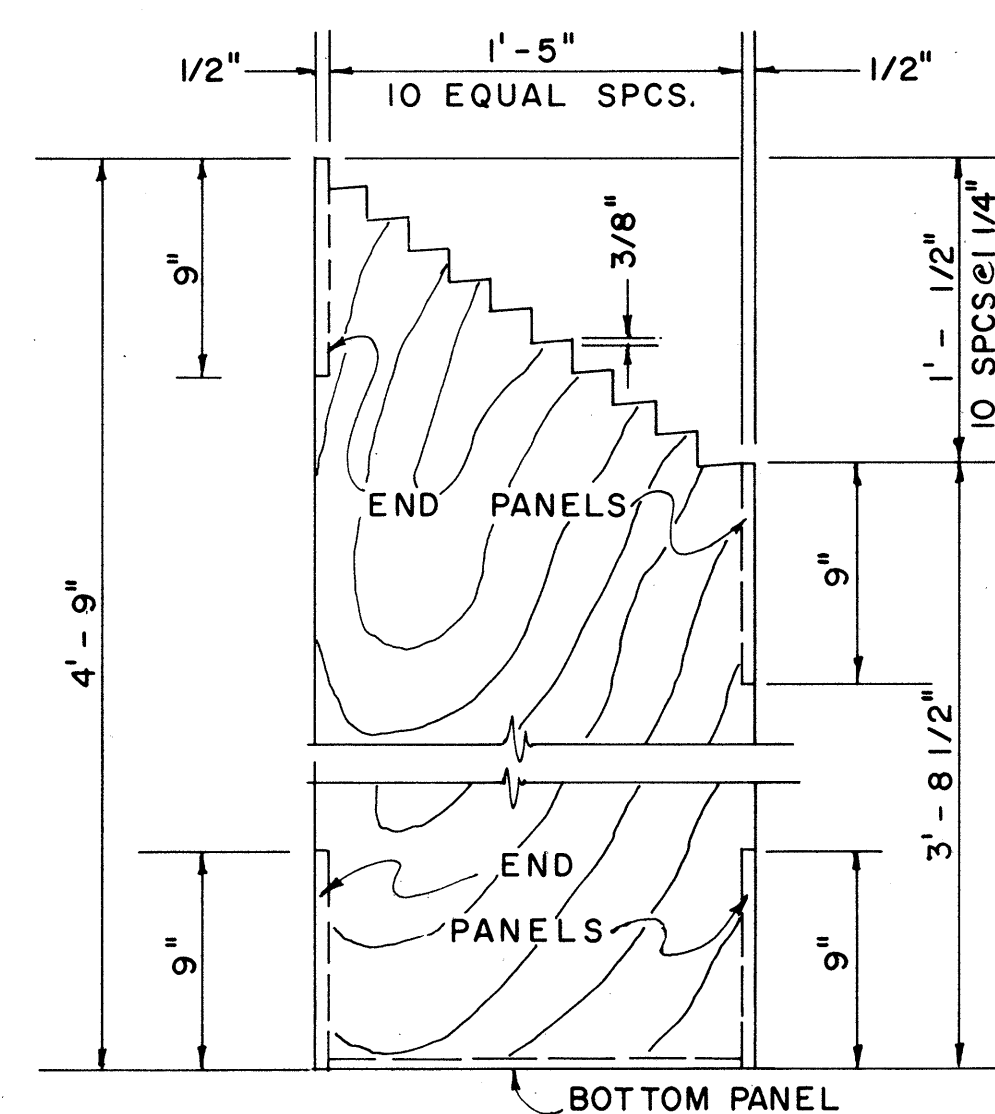
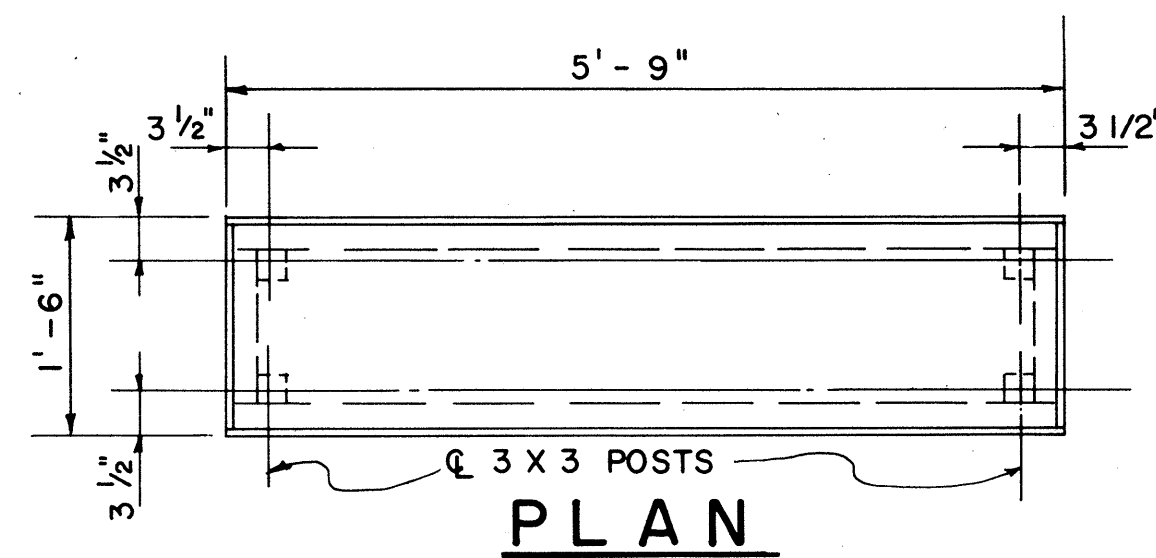


ELEVATION

2'-6" x 5'-0" 2 REQ'D.
3'-6" x 8'-0" 1 REQ'D.
2'-6" x 8'-0" 1 REQ'D.

PORTABLE WORK TABLE DETAIL

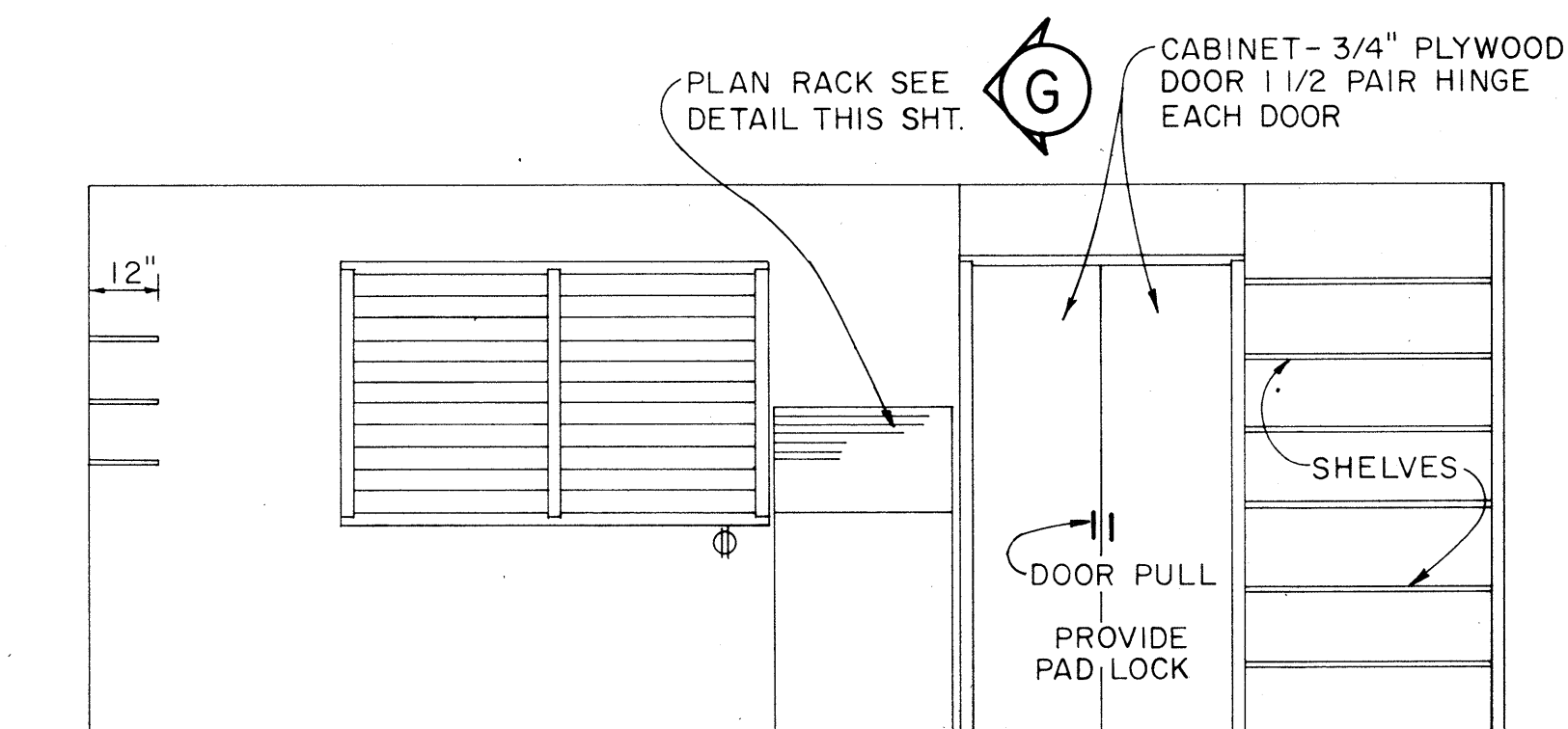
SCALE: 3/4" = 1'-0"



PLAN RACK DETAIL

SCALE: 1 1/2" = 1'-0"

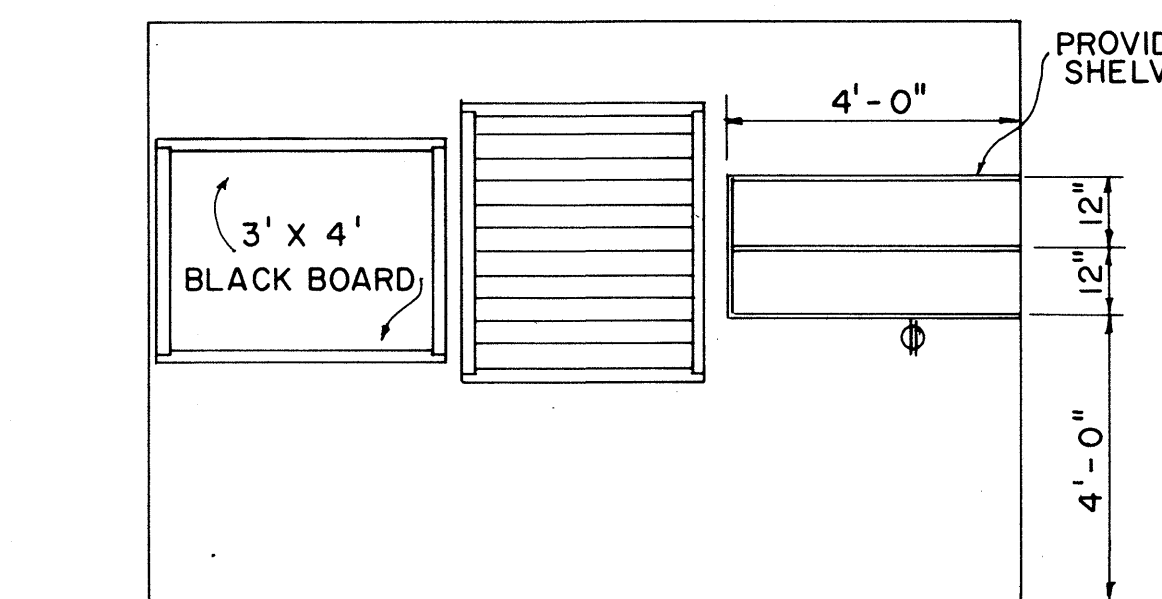
(ONE REQUIRED)



ELEVATION

SCALE: 3/8" = 1'-0"

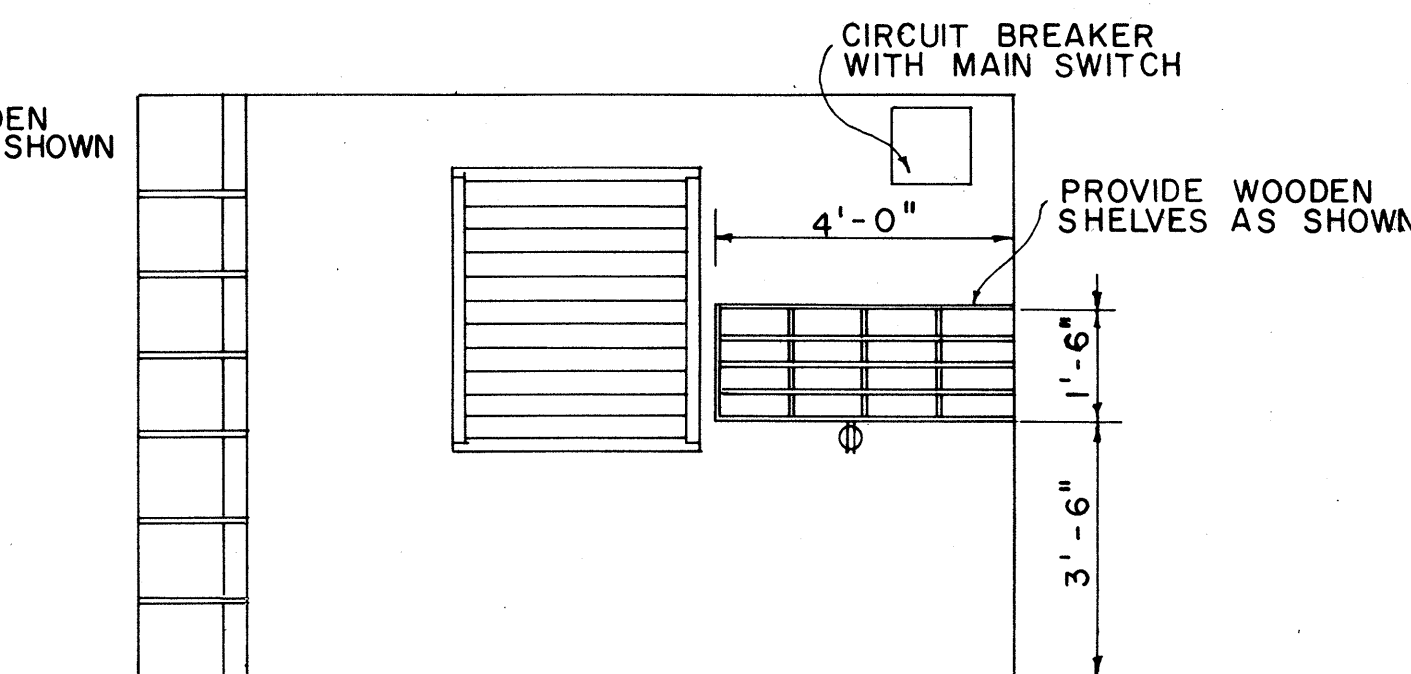
(A1)



ELEVATION

SCALE: 3/8" = 1'-0"

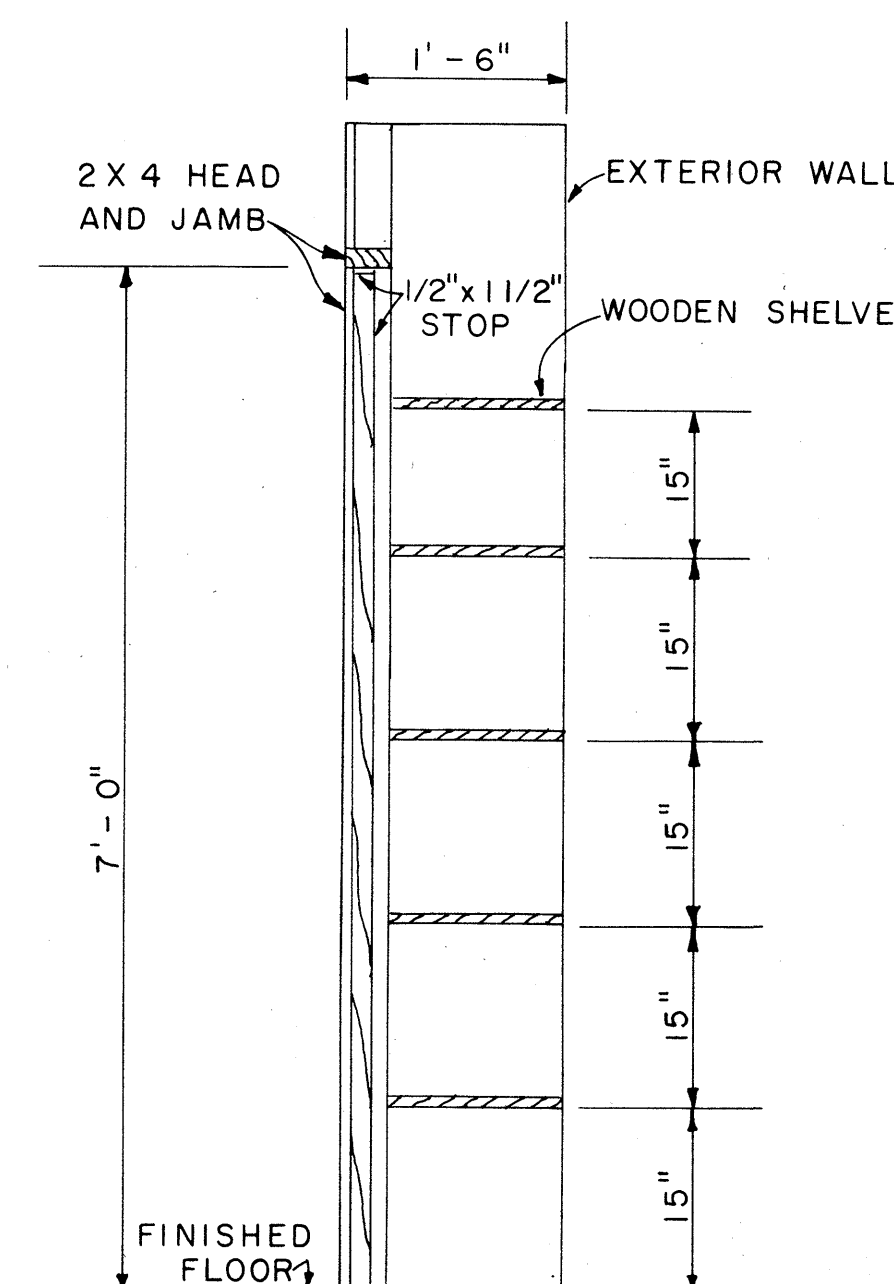
(D1)



ELEVATION

SCALE: 3/8" = 1'-0"

(B1)



SECTION

SCALE: 3/4" = 1'-0"

(G)

APPROVAL RECOMMENDED:

[Signature] 12-4-69
HIGHWAY DESIGN ENGINEER DATE

APPROVED:

[Signature] 12-10-69
ASSISTANT CHIEF, ENGINEERING DATE

NO.	REVISION	APPROVED BY	DATE

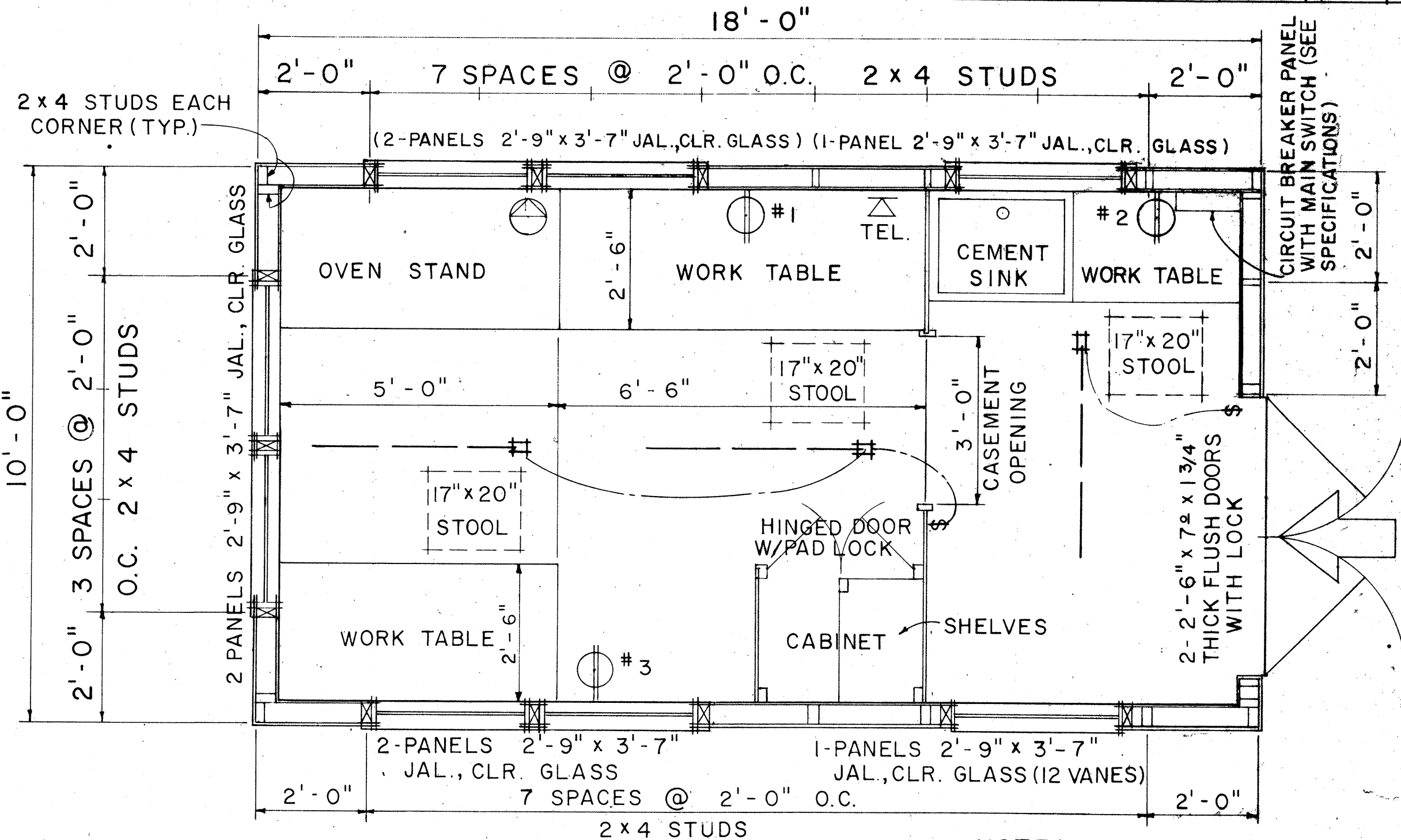
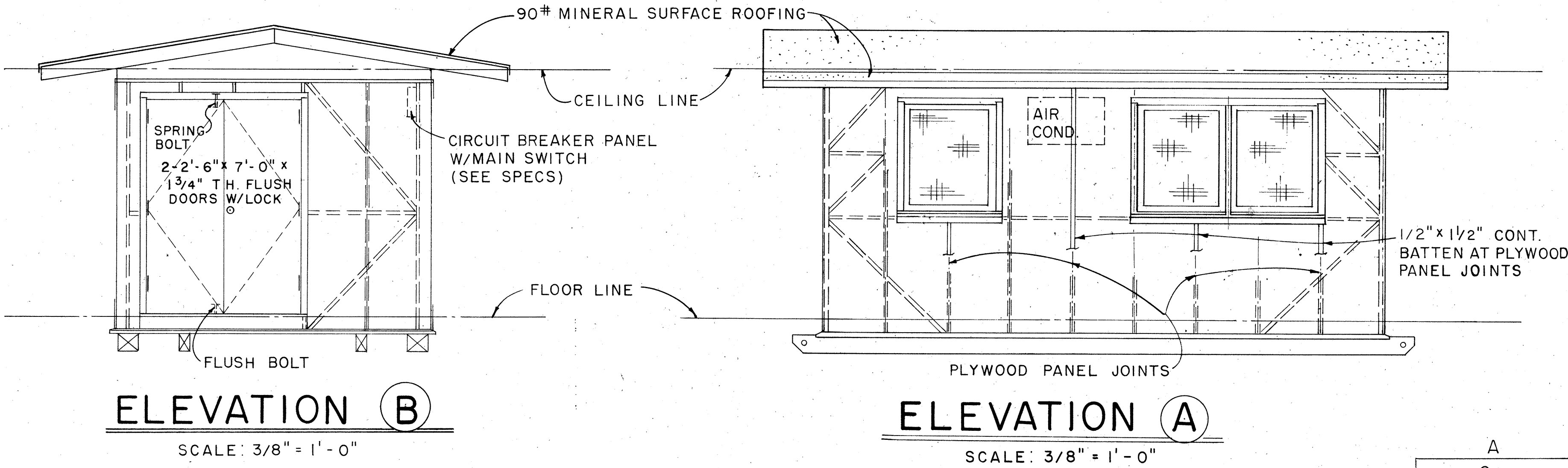
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

FIELD OFFICE

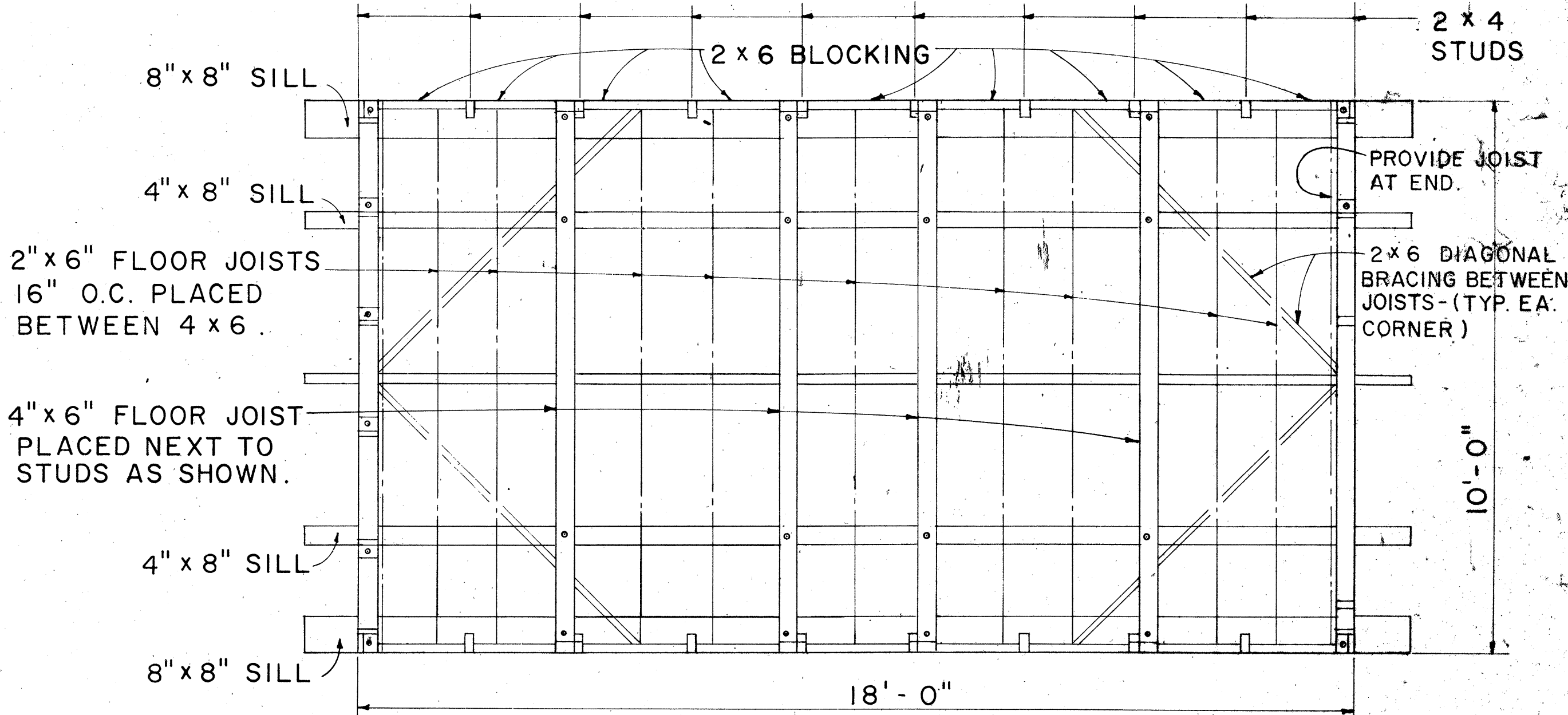
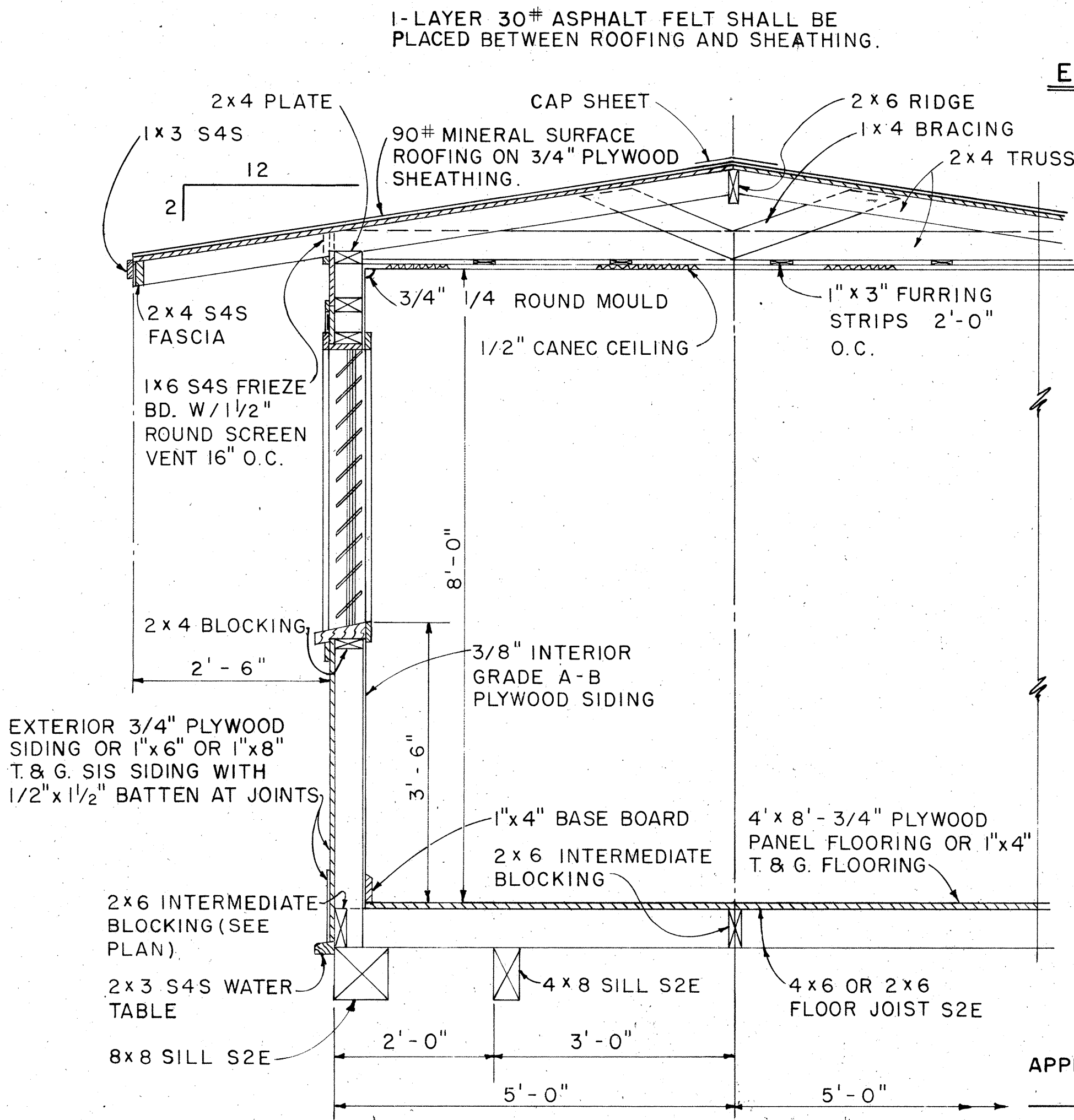
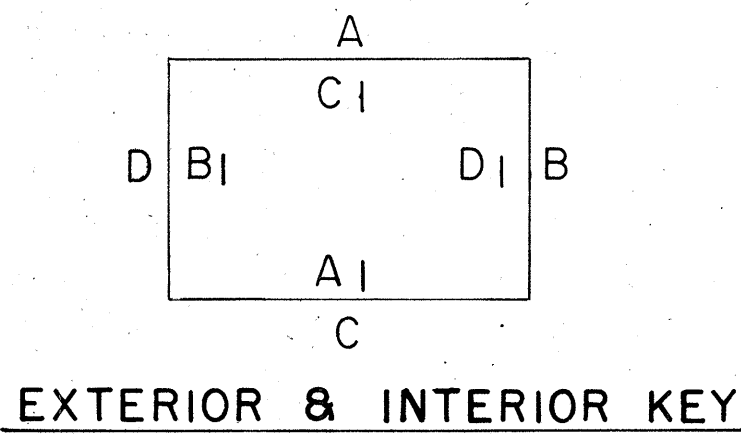
Scale: As Noted SEP 1981

SHEET No. 5 OF 8 SHEETS DD 636.2

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-030-1(8)	1981	26	92



- NOTE:
1. FLUORESCENT FIXTURE SHALL BE 48", 2 LAMP, 40 WATT, RAPID START.
 2. TELEPHONE AND WALL OUTLET 4'-0" ABOVE FLOOR.



NO.	REVISION	APPROVED BY	DATE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PROJECT SITE LABORATORY

Scale: As Noted

SEP 1981

SHEET No. 6 OF 8 SHEETS DD 636.3

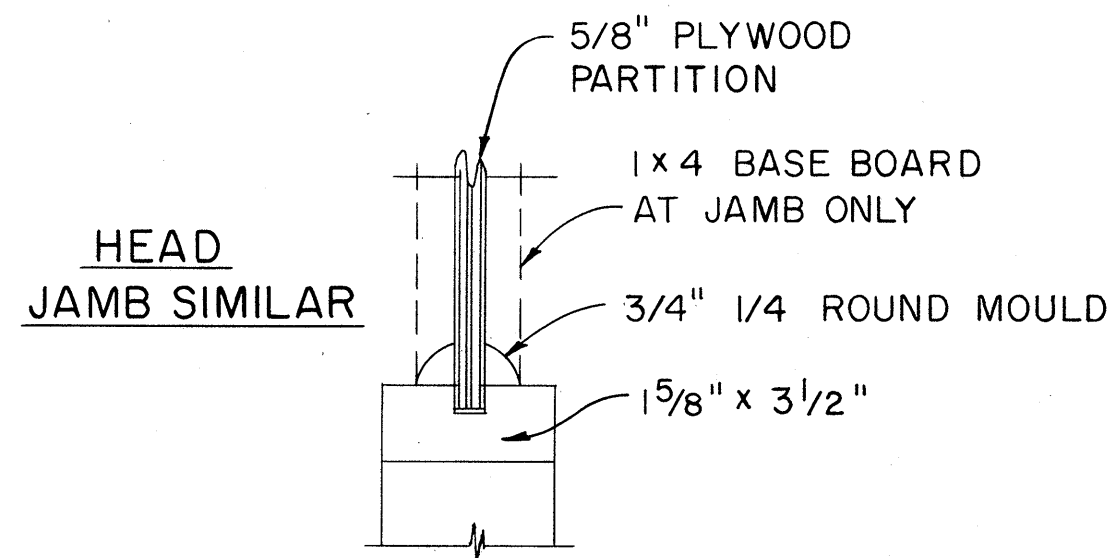
DATE	
SURVEY PLOTTED BY	
DRAWN BY	
DESIGNED BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
No.	

NOTE:
ALL 3/4" PLYWOOD SHALL BE EXTERIOR GRADE A-C OR BETTER.

APPROVAL RECOMMENDED:
HIGHWAY DESIGN ENGINEER
12-4-69
DATE

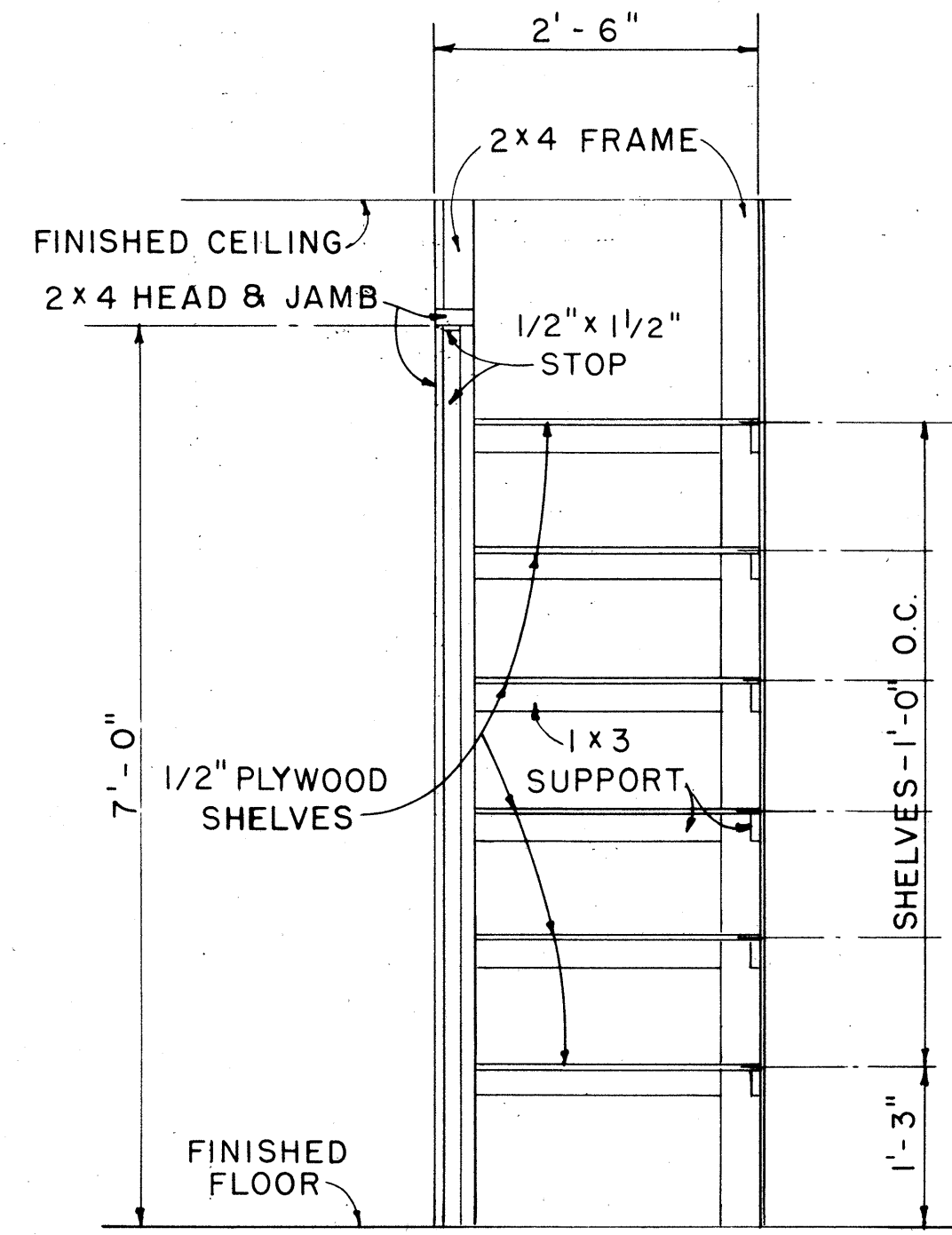
APPROVED:
ASSISTANT CHIEF, ENGINEERING
12-10-69
DATE

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-030-1(8)	1981	27	92



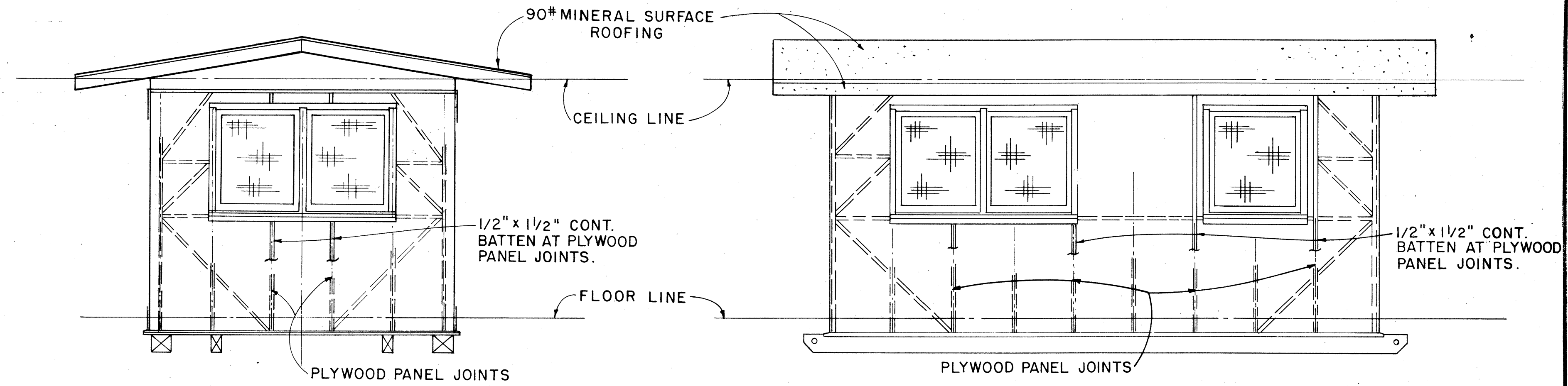
CASEMENT DETAIL

SCALE: 3" = 1'-0"



CABINET DETAIL

SCALE: 3/4" = 1'-0"

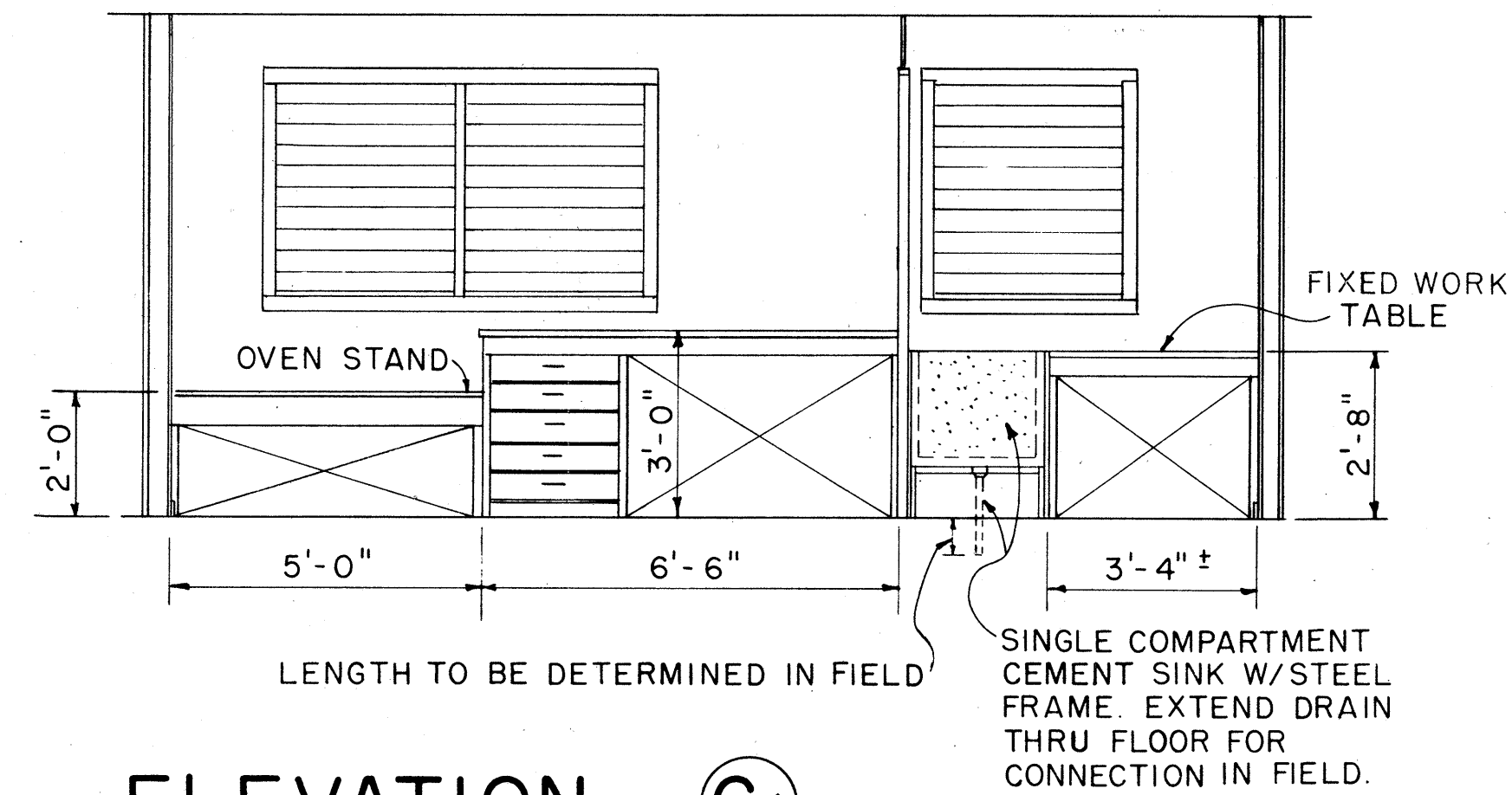


ELEVATION D

SCALE: 3/8" = 1'-0"

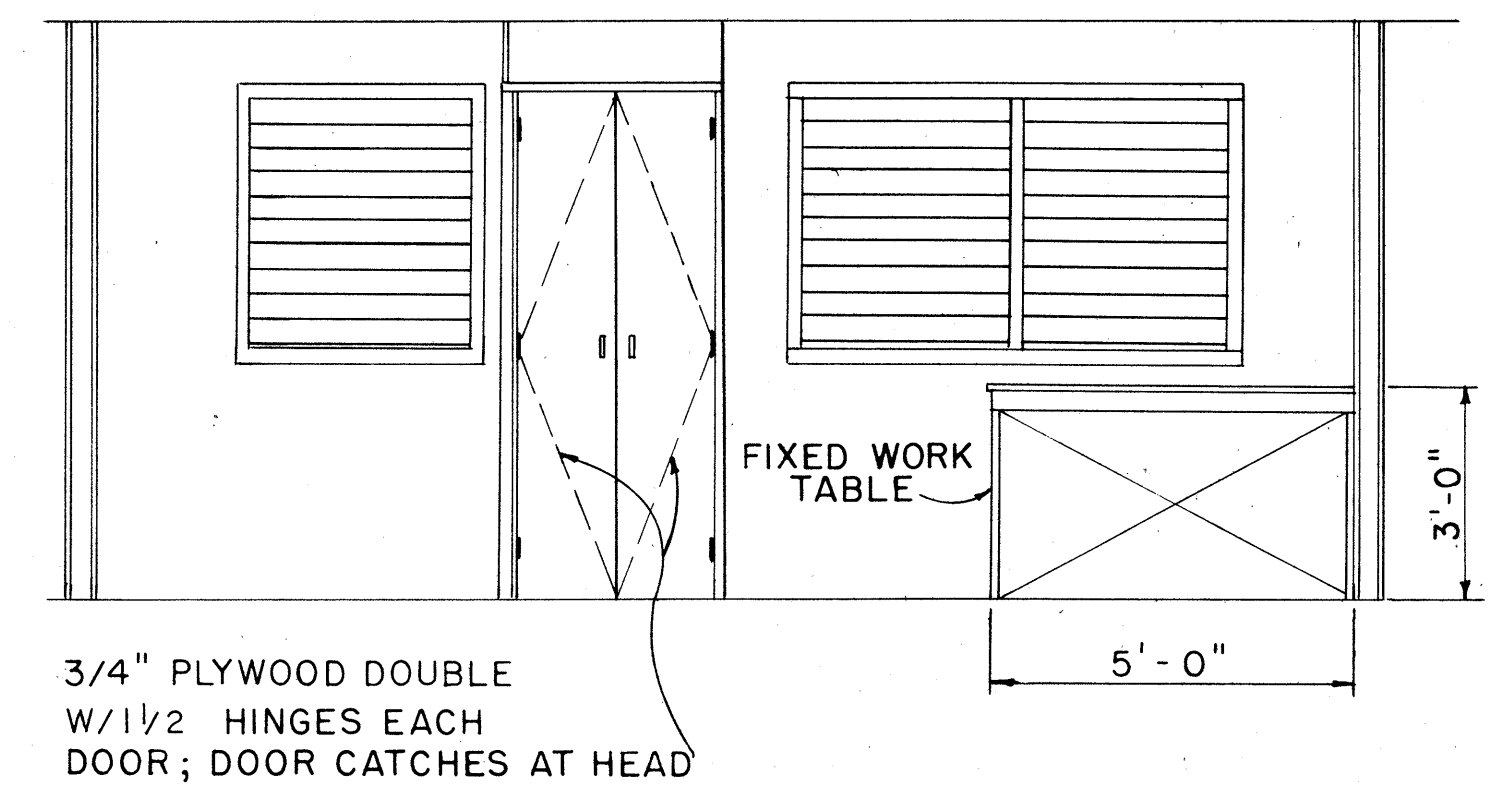
ELEVATION C

SCALE: 3/8" = 1'-0"



ELEVATION C1

SCALE: 3/8" = 1'-0"



ELEVATION A1

SCALE: 3/8" = 1'-0"

APPROVAL RECOMMENDED:
[Signature] 12-4-69
HIGHWAY DESIGN ENGINEER DATE

APPROVED:
[Signature] 12-10-69
ASSISTANT CHIEF, ENGINEERING DATE

NO.	REVISION	APPROVED BY	DATE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PROJECT SITE LABORATORY

Scale: As Noted
SEP 1981
SHEET No. 7 OF 8 SHEETS DD 636.4

ORIGINAL PLAN	DATE
NOTE BOOK	
NO.	

