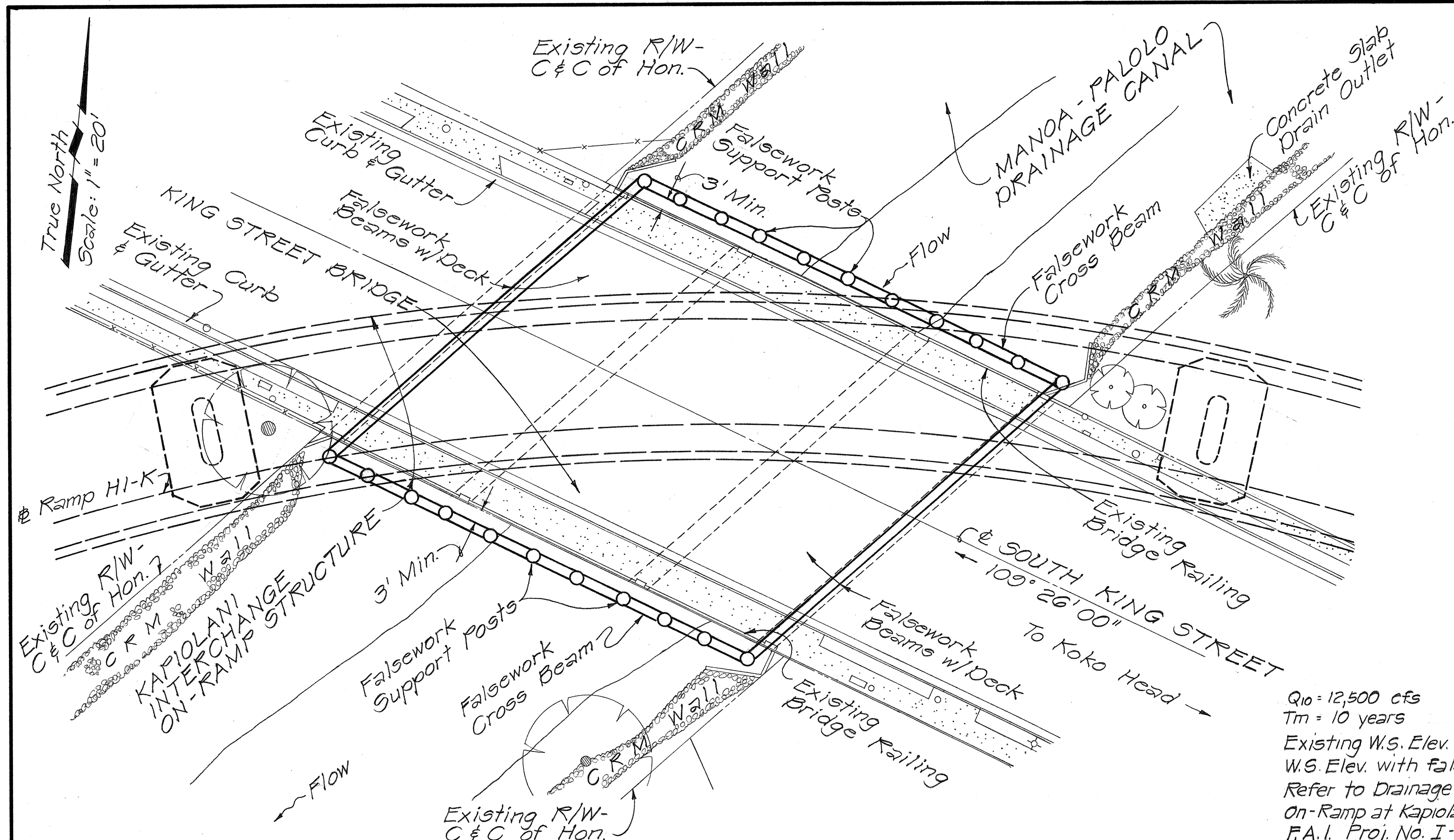


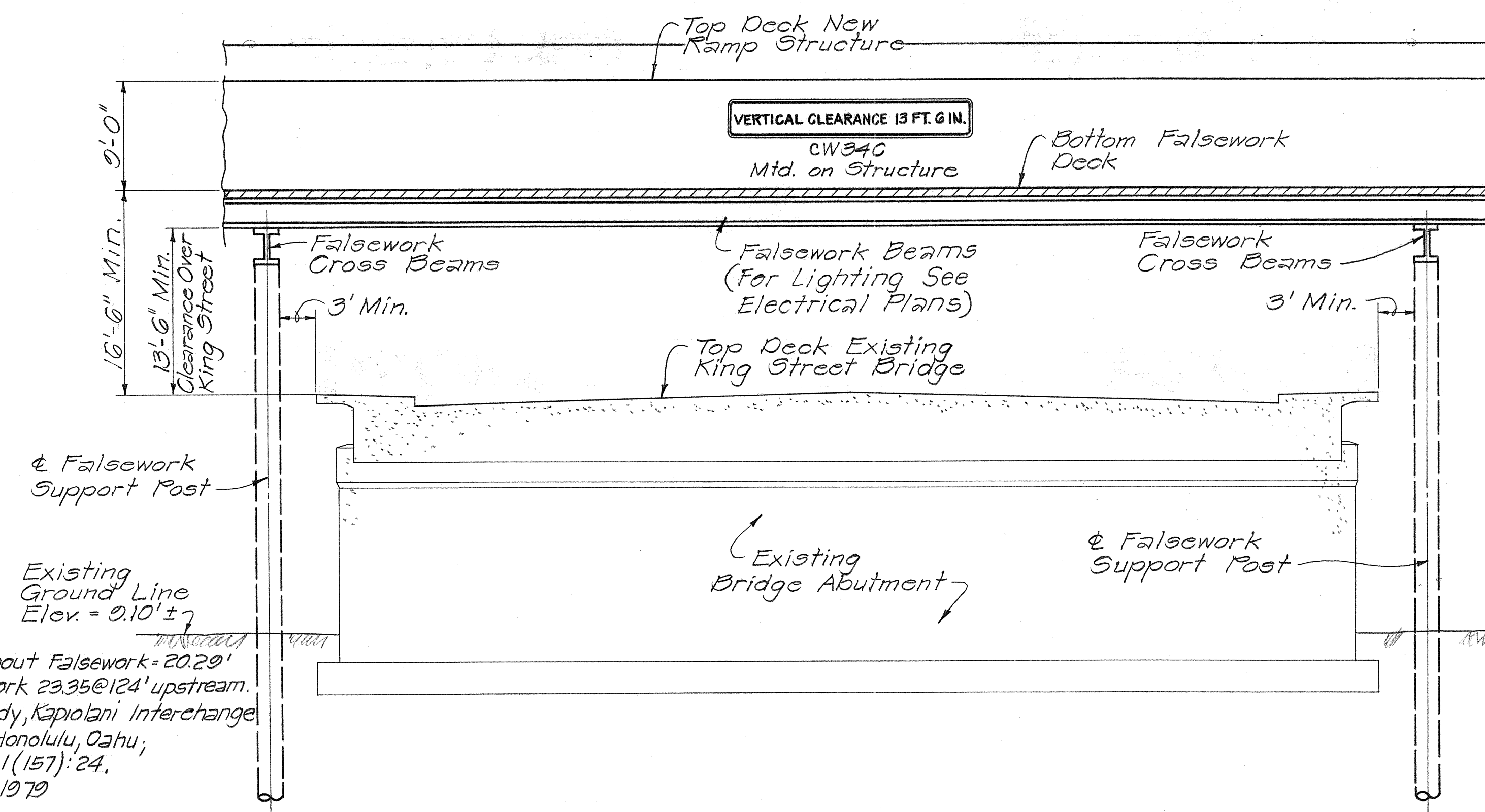


PLAN ~ PROPOSED FALSEWORK @ KING STREET BRIDGE
Scale: 1" = 20'

Q10 - 12,500 cfs
Tm = 10 years
Existing W.S. Elev. without Falsework = 20.29'
W.S. Elev. with Falsework 23.35@124' upstream.
Refer to Drainage Study, Kapiolani Interchange
On-Ramp at Kapiolani, Honolulu, Oahu;
F.A.I. Proj. No. I-H-1 (157):24.
Dated: February 1979

Note:
The CW34C Sign Mtd. on structure shall remain in place at all times from the placing of the ramp falsework over Kapiolani until the falsework removal.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H-1 (157):24	1979	22	146



TYPICAL BRIDGE SECTION (KOKO HEAD)

Not To Scale

SUMMARY OF TEMPORARY SIGNS	
TYPE	EACH
CW34C	1

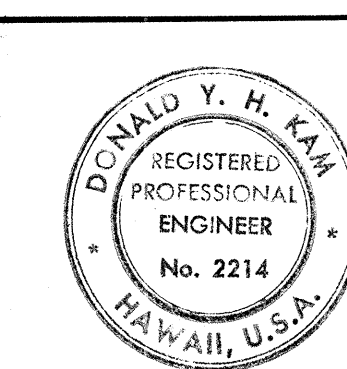
CONSTRUCTION NOTES:

- It is the intention of this plan to denote the minimum clearances to be observed by the contractor for the erection of any falsework over the South King Street Bridge.
- The Manoa-Palolo Stream is an active water-course. Installation spacing of the proposed posts to support the falsework structure shall not be less than the minimum distance denoted.
- The contractor shall maintain the falsework support area in the stream area free of all debris.
- Design of the falsework structure shall be the contractor's responsibility. Plans shall be stamped by a registered structural engineer in the State of Hawaii.
- Minimum Clearance Signs will be placed and maintained on South King St. at least a 1000 feet prior to falsework structure and also on the King St. Off. Ramp.
- Falsework pile top elevation = -50.00.
- Alternate falsework schemes will be considered, provided that all requirements of the Highways Division and other affected agencies are met.
- Only one lane on King Street shall be closed at any time.

6/6/80	Deleted note 7; added new notes 7 and 8, per Addendum No. 1.
DATE	REVISION

Approved for Grading & Construction Date
within City Right-of-Way Only:

Signature 1/7/79
Chief, Division of Engineering
Department of Public Works
City & County of Honolulu



THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION
Signature

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
LAND TRANSPORTATION FACILITIES DIVISION
FALSEWORK REQUIREMENTS
RAMP HI-K

INTERSTATE ROUTE HI-1
KAPIOLANI INTERCHANGE ON-RAMP
F.A.I. PROJ. NO. I-H-1 (157):24

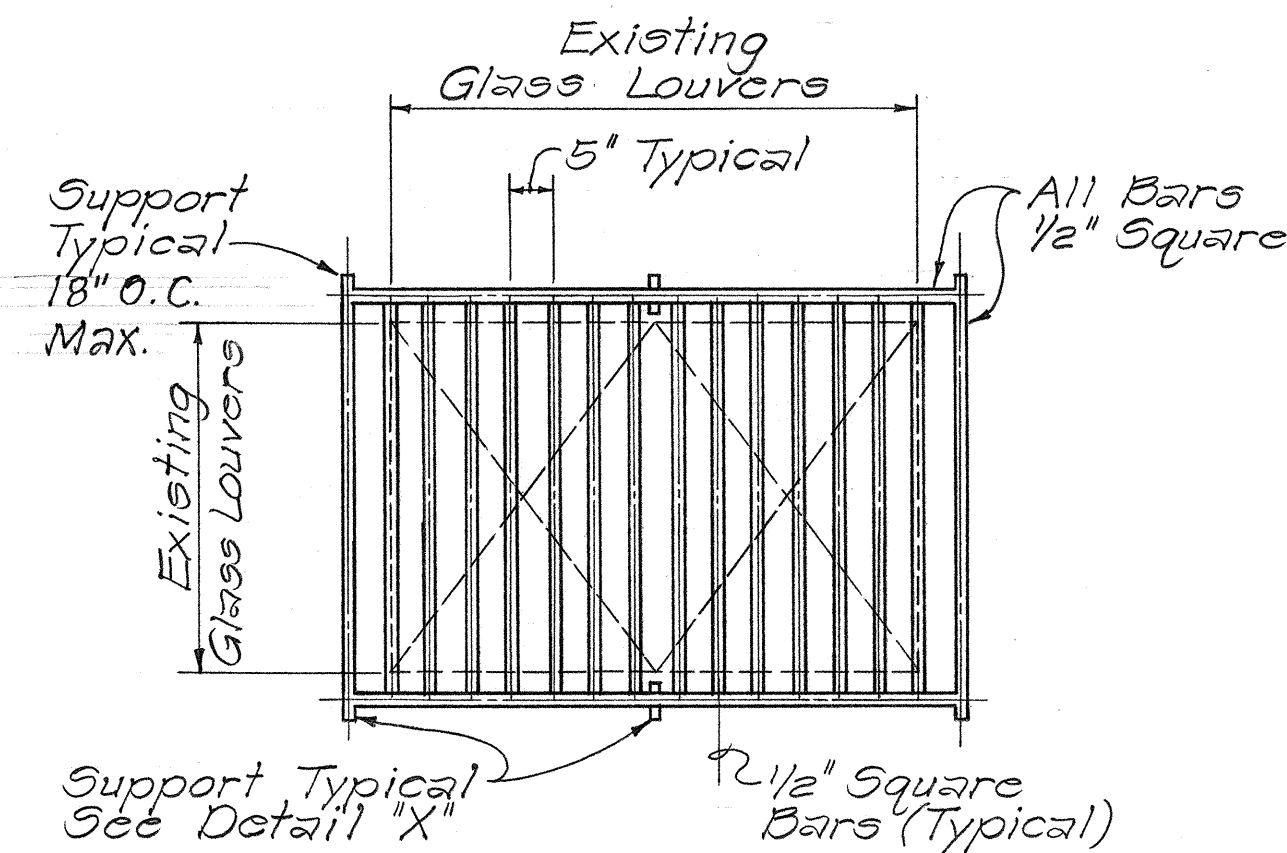
Scale: As Noted Date: 10-15-79
SHEET NO. 1 OF 1 SHEETS

TYPICAL BRIDGE ELEVATION (DOWNSTREAM)
Not To Scale

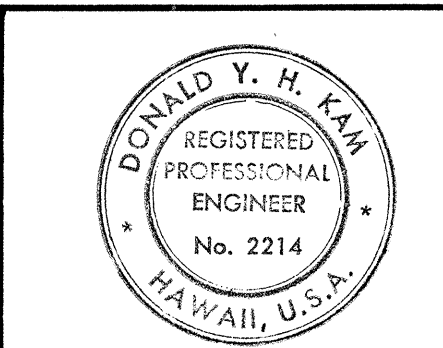
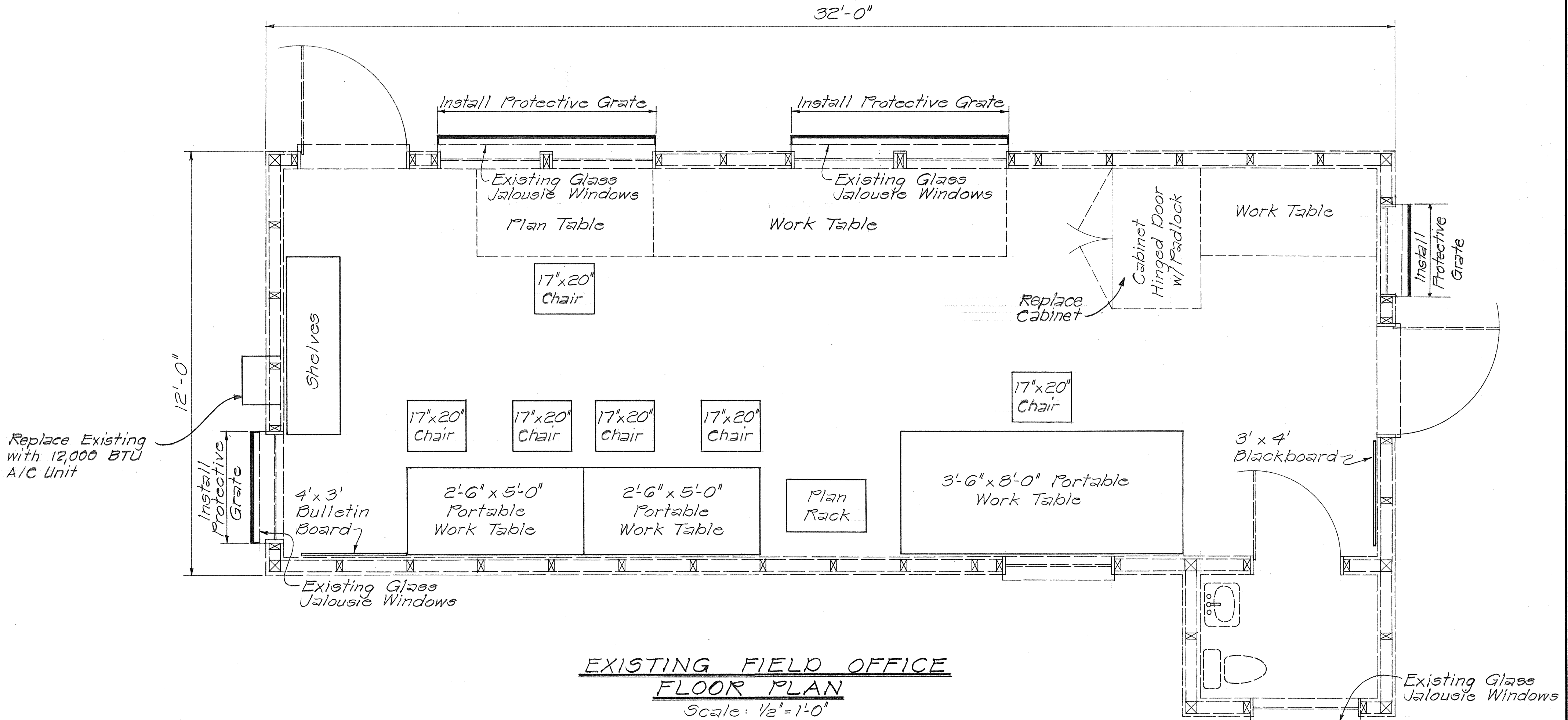
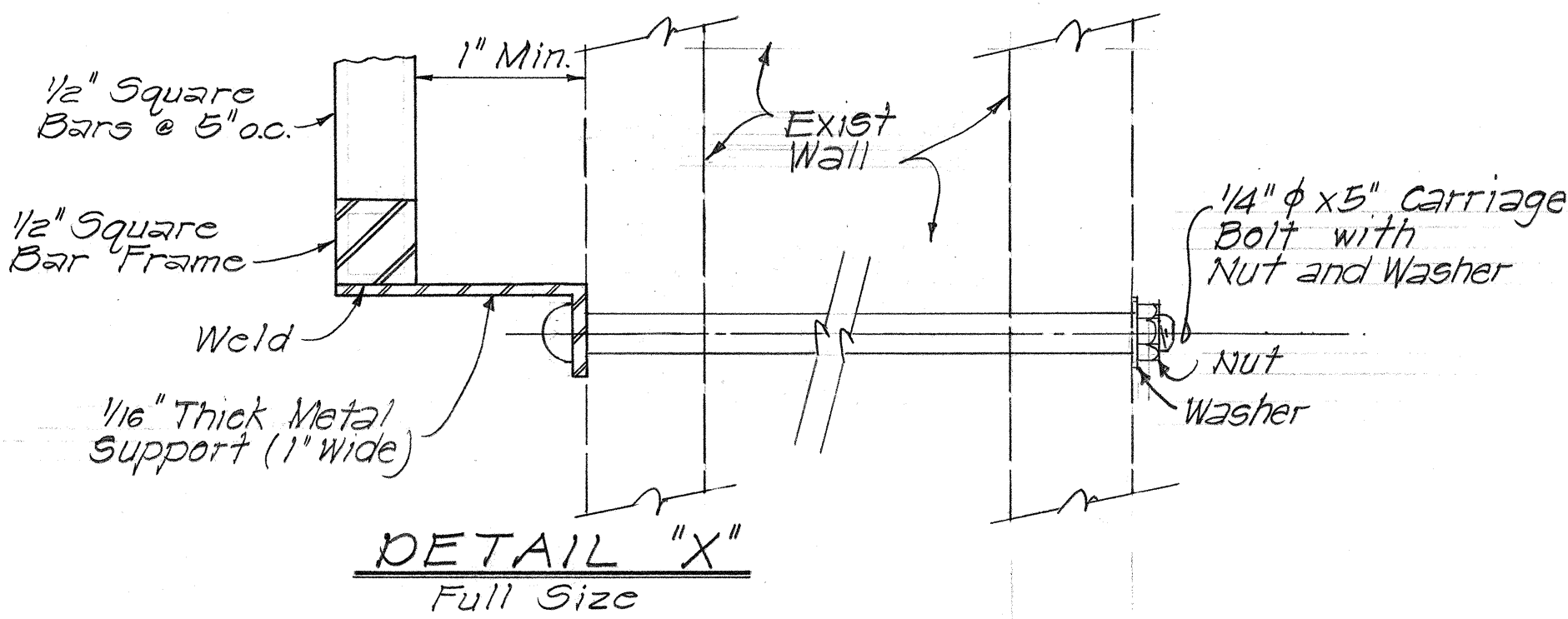
GENERAL NOTES:

1. The contractor shall provide a project site laboratory and additional field office furniture for this project.
2. See sheet no. 12 for location of the existing field office and new project site laboratory.
3. Contractor to verify all dimensions in the field prior to fabrication of the protective grate.
4. Protective grate shall be hot dip galvanized after fabrication.
5. The existing field office shall be painted inside and out in a color scheme agreed to by the State. Painting of the floor shall be incidental to the painting of the field office.

SUMMARY OF FIELD OFFICE FURNITURE			
Item No.	Designation	Size	Req'd - Each
1	Chair with Back Rest	17" x 20"	6
2	Shelves	—	One
3	Portable Work Table	2'-6" x 5'-0"	2
4	Portable Work Table	3'-6" x 8'-0"	One
5	Blackboard	3' x 4'	One
6	Bulletin Board	4' x 3'	One
7	Plan Rack	—	One



ELEVATION - PROTECTIVE GRATE
Not to Scale



THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION

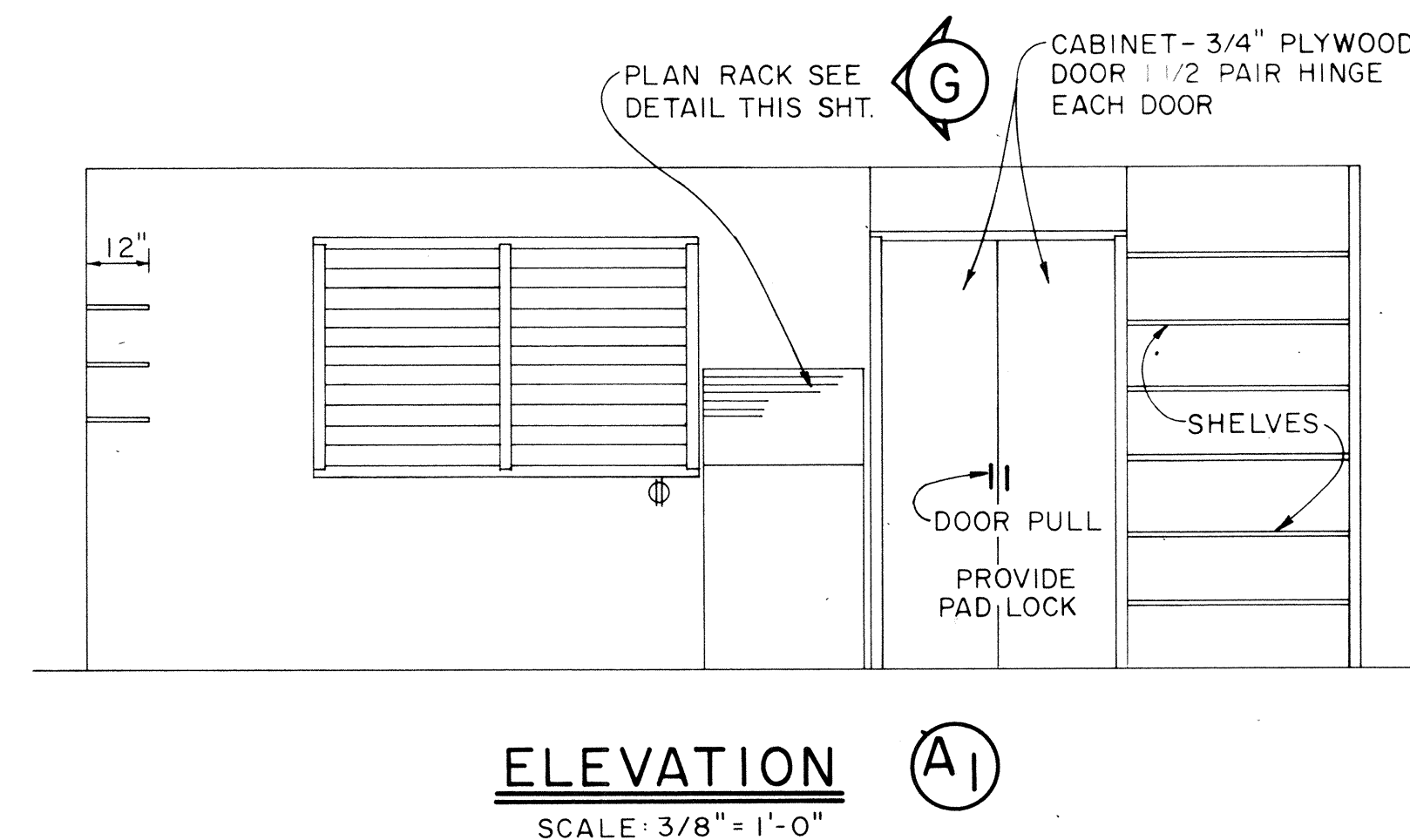
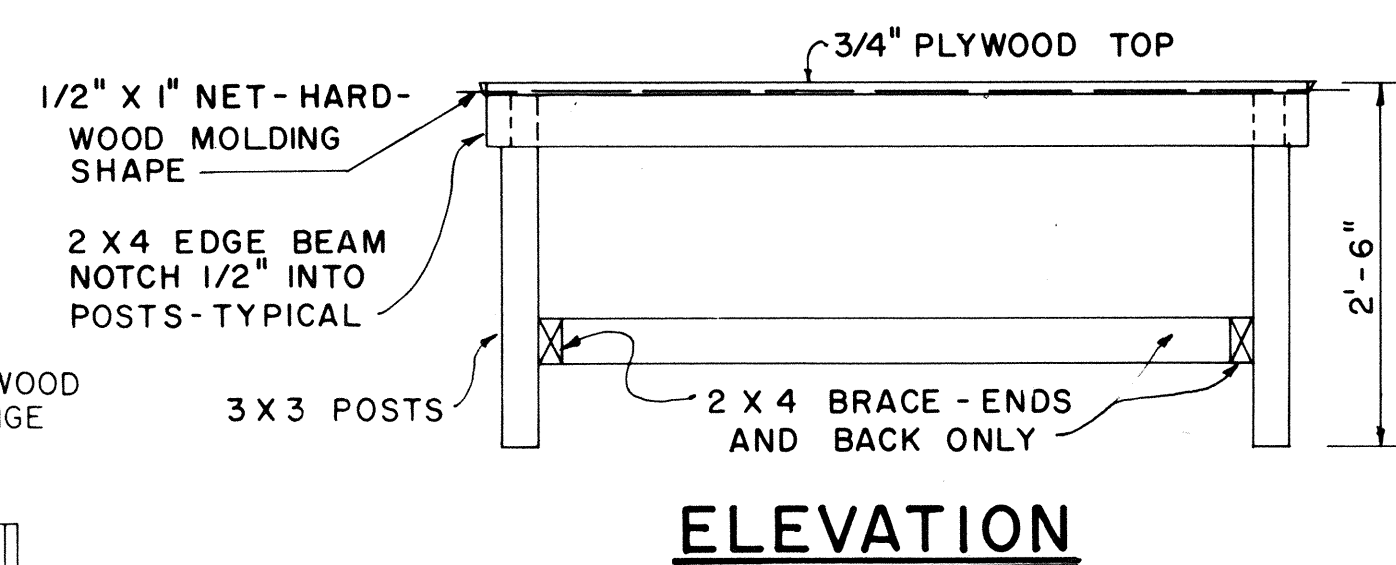
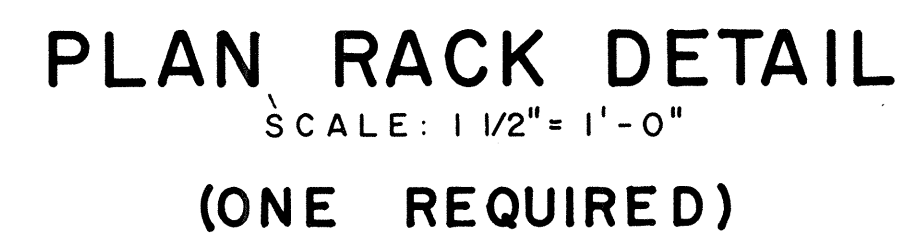
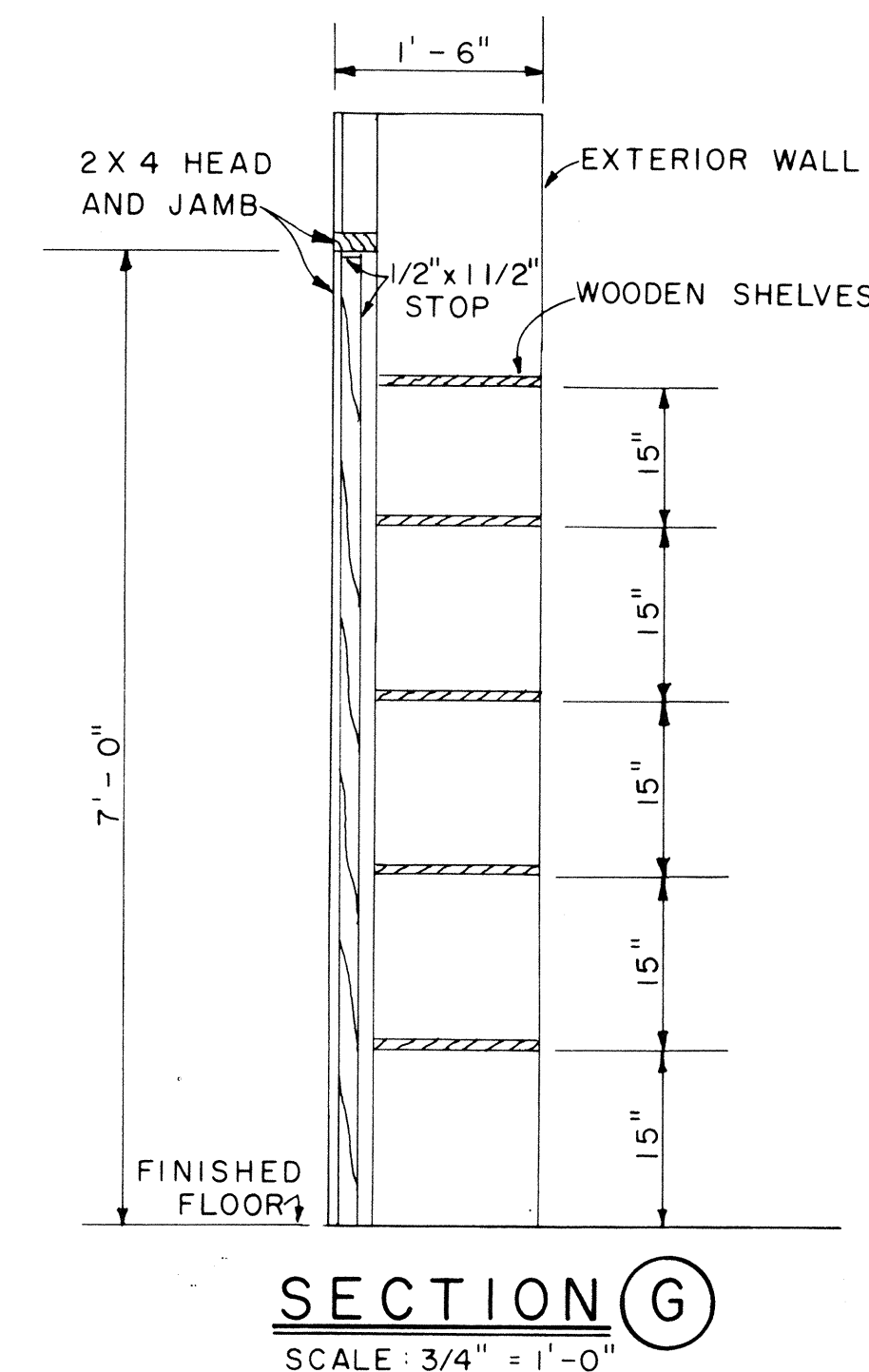
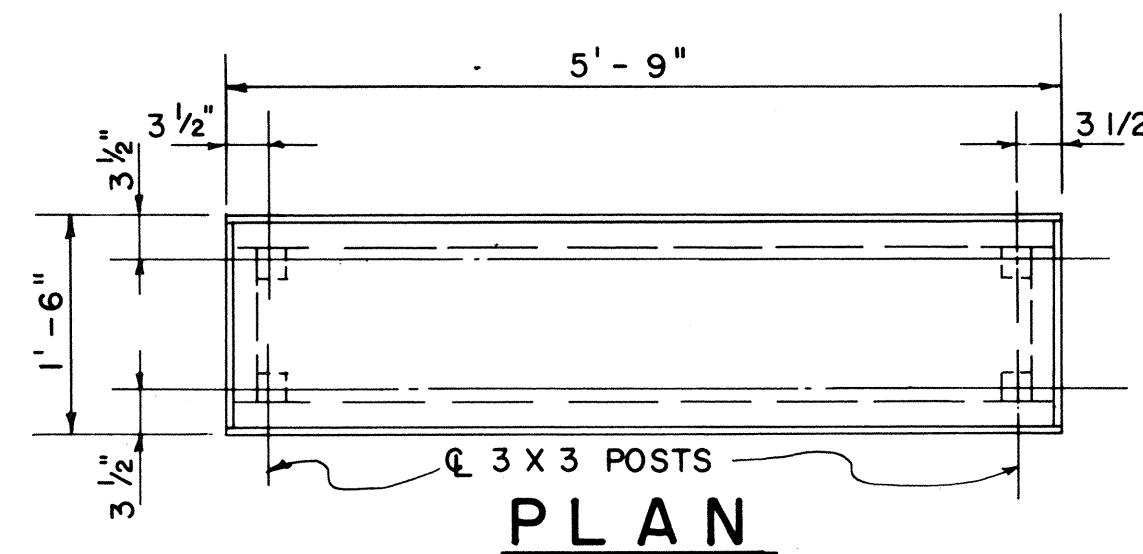
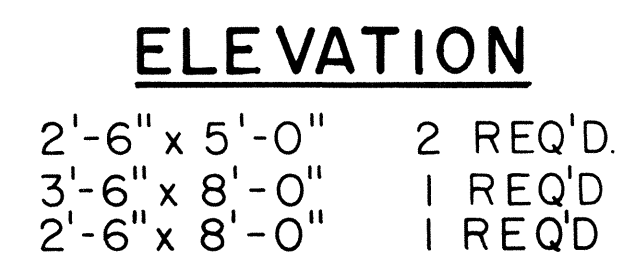
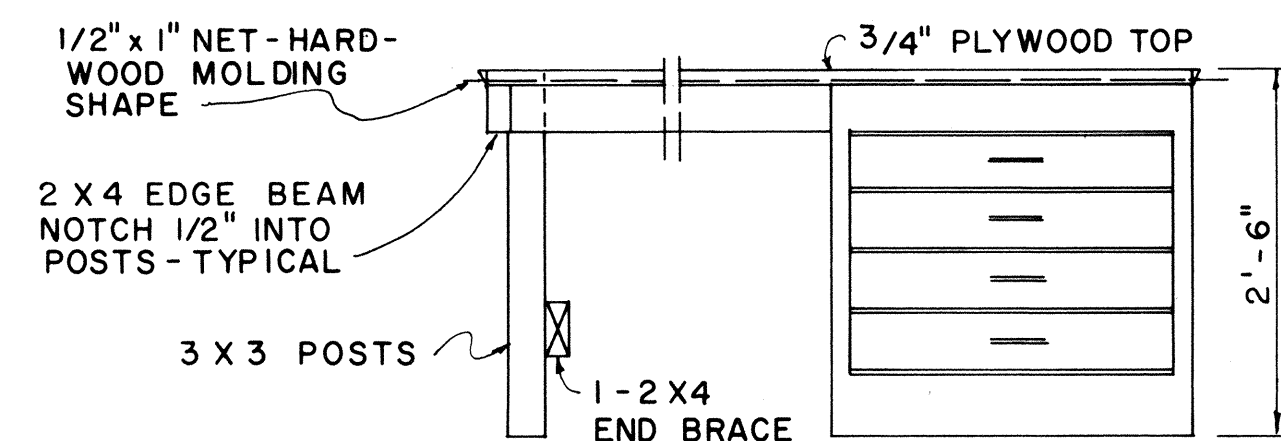
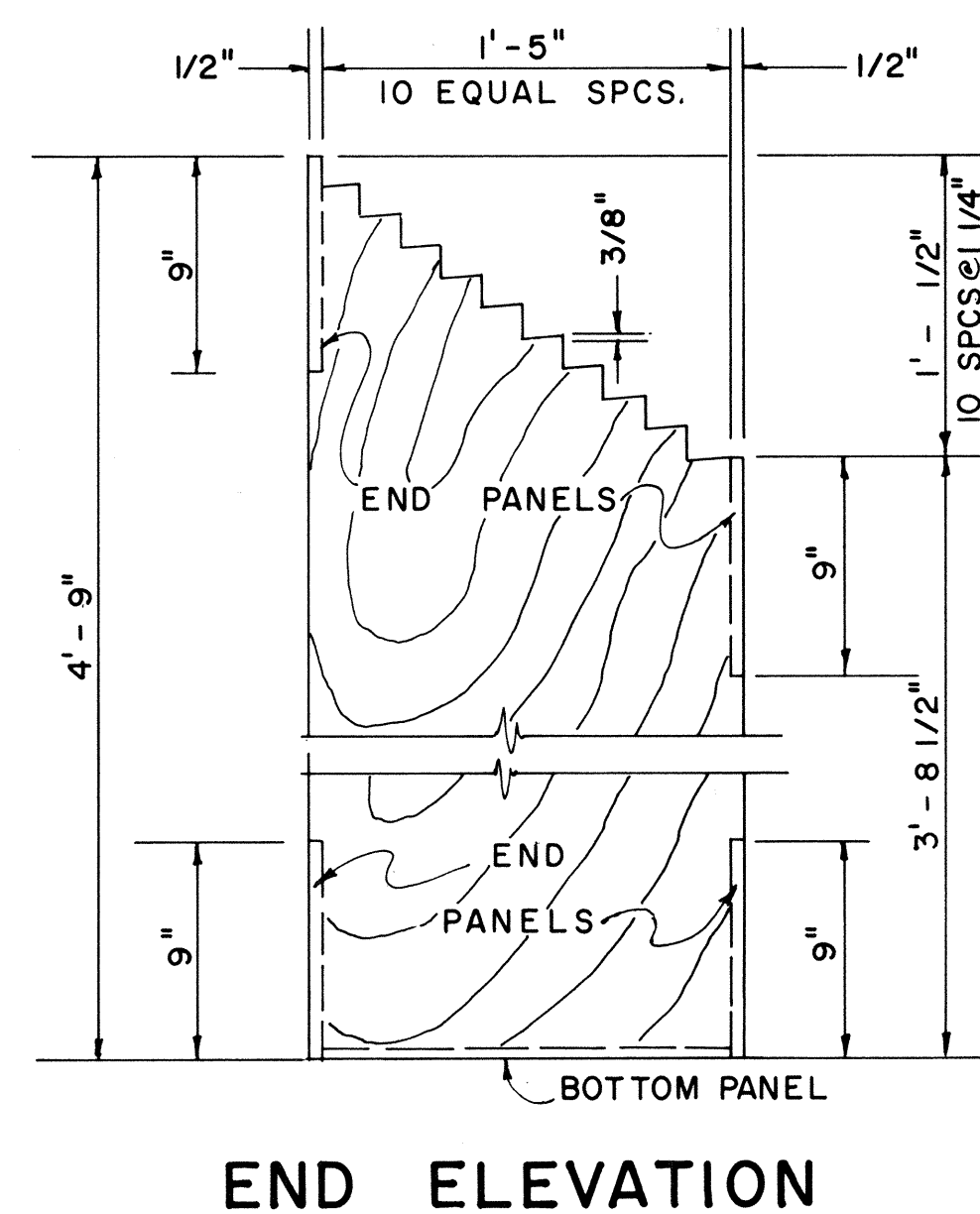
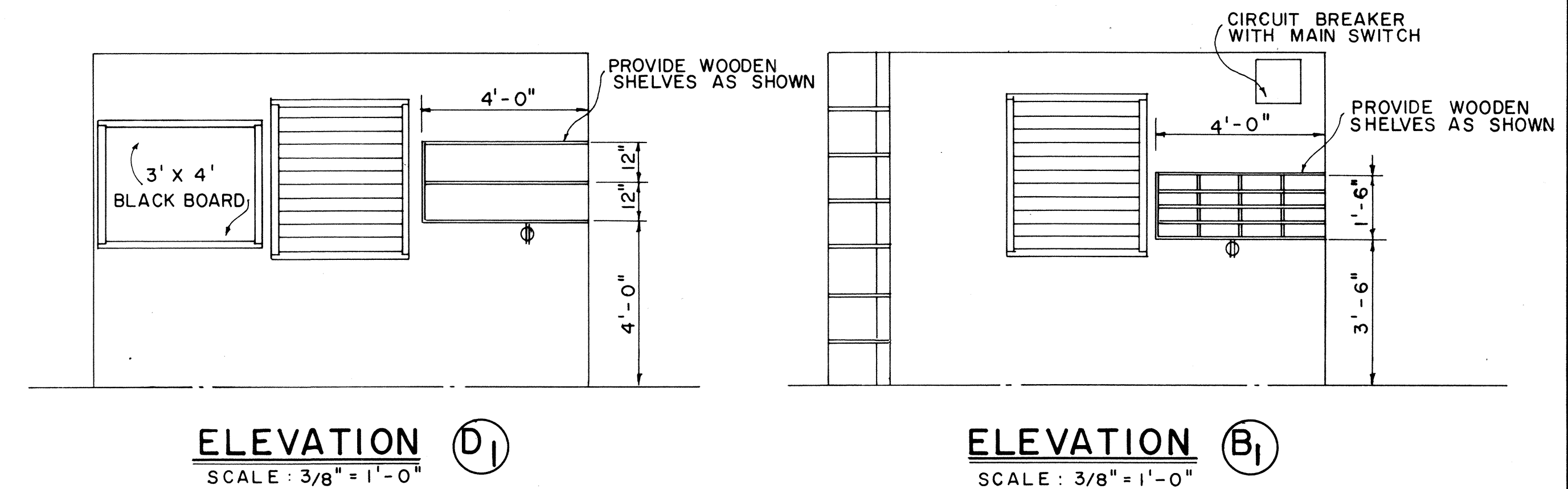
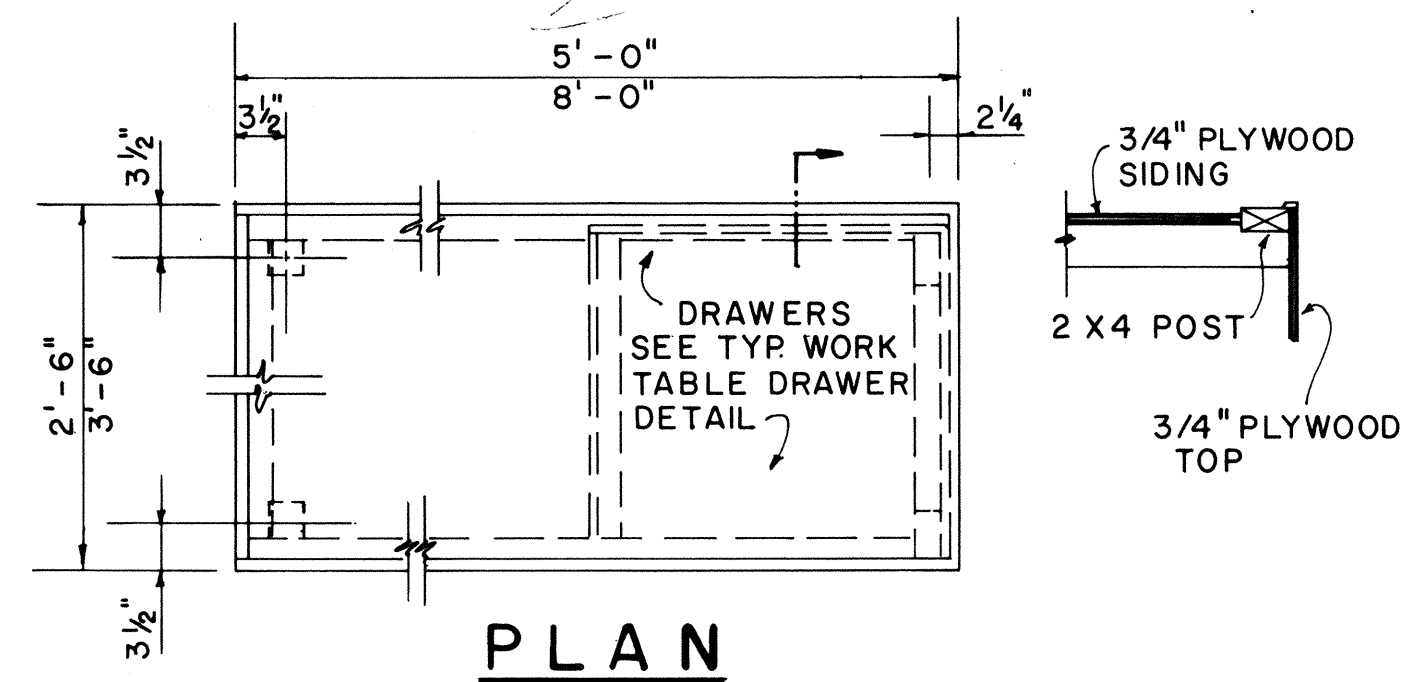
Donald Y. H. Kim

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
LAND TRANSPORTATION FACILITIES DIVISION
FIELD OFFICE
KAPIOLANI BOULEVARD RAMP HI-K

INTERSTATE ROUTE HI-1
KAPIOLANI INTERCHANGE ON-RAMP
F.A.I. PROJ. NO. I-HI-1(157)-24

Scale: As Shown Date: 10-15-79
SHEET NO. 1 OF 5 SHEETS

Diagram illustrating the Plan view of the cabinet. The overall width is 1' - 6". The overall height is 2' - 1". The top and bottom panels are 1' - 5" wide. The side panels are 1/2" thick. The end panels are 1/2" thick. The diagram shows the layout of the panels and the dimensions of the cabinet.



APPROVAL RECOMMENDED:
M. H. H. H. 12-4-69
HIGHWAY DESIGN ENGINEER DATE

APPROVED: Harold E. Zalski 12-10-69
ASSISTANT CHIEF, ENGINEERING DATE

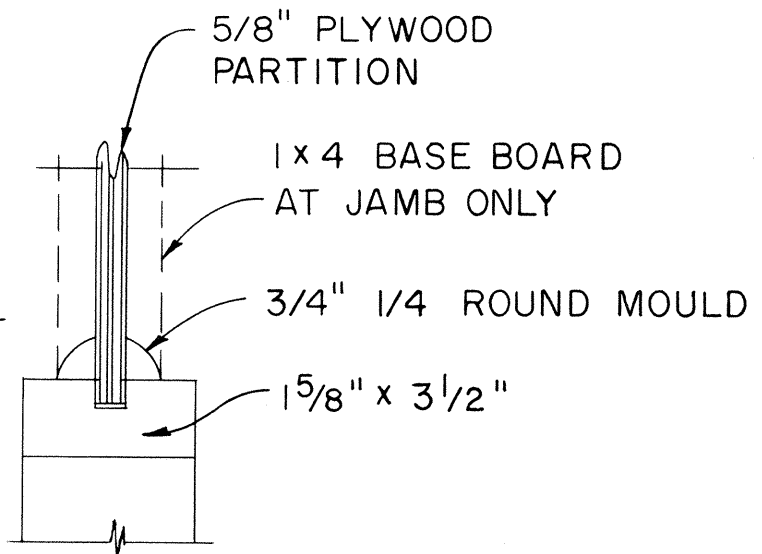
NO.	REVISION	APPROVED BY	DATE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
LAND TRANSPORTATION FACILITIES DIVISION
SHOWING
FIELD OFFICE

Scale : As Noted

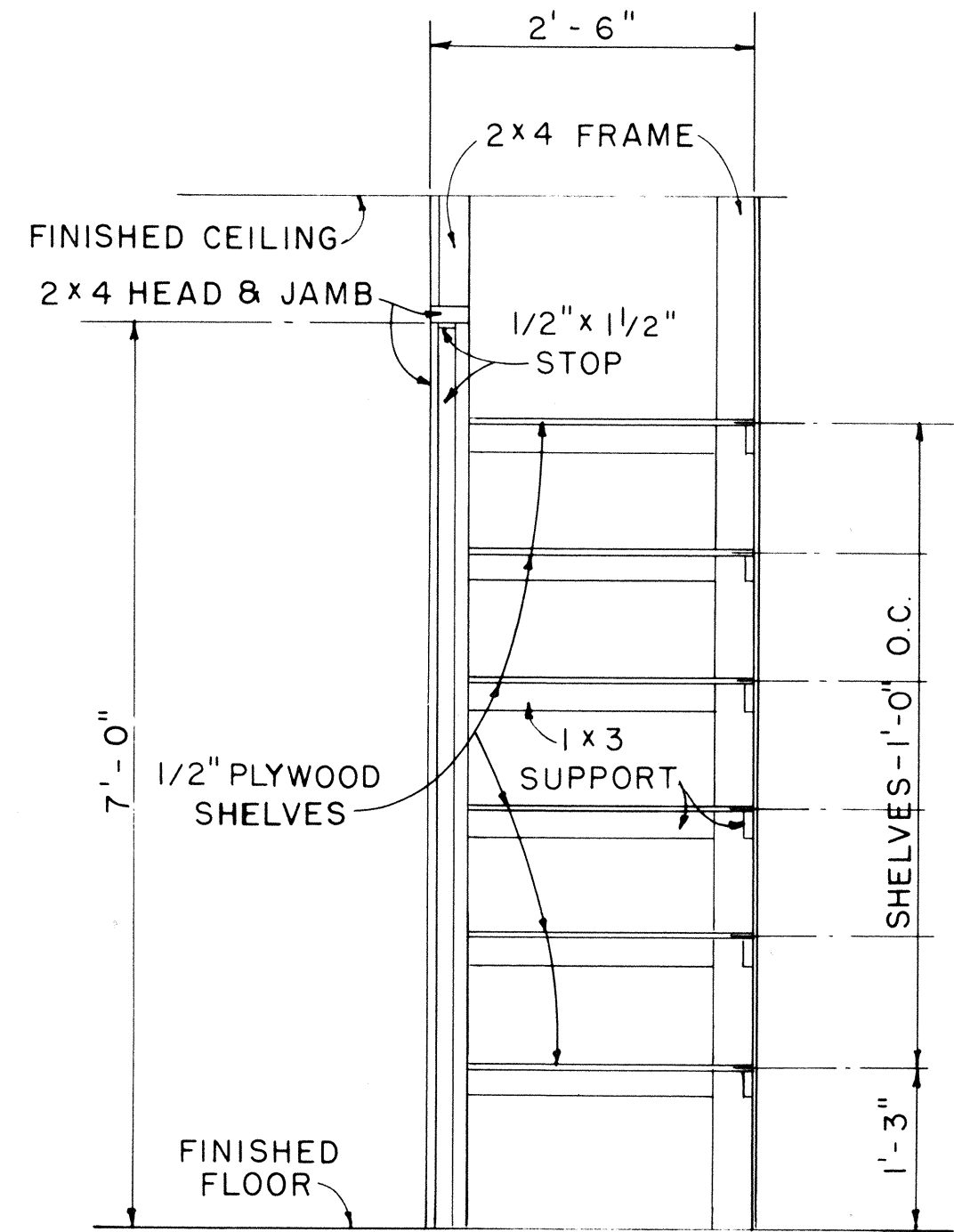
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(157)-24	1979	26	146

HEAD
JAMB SIMILAR



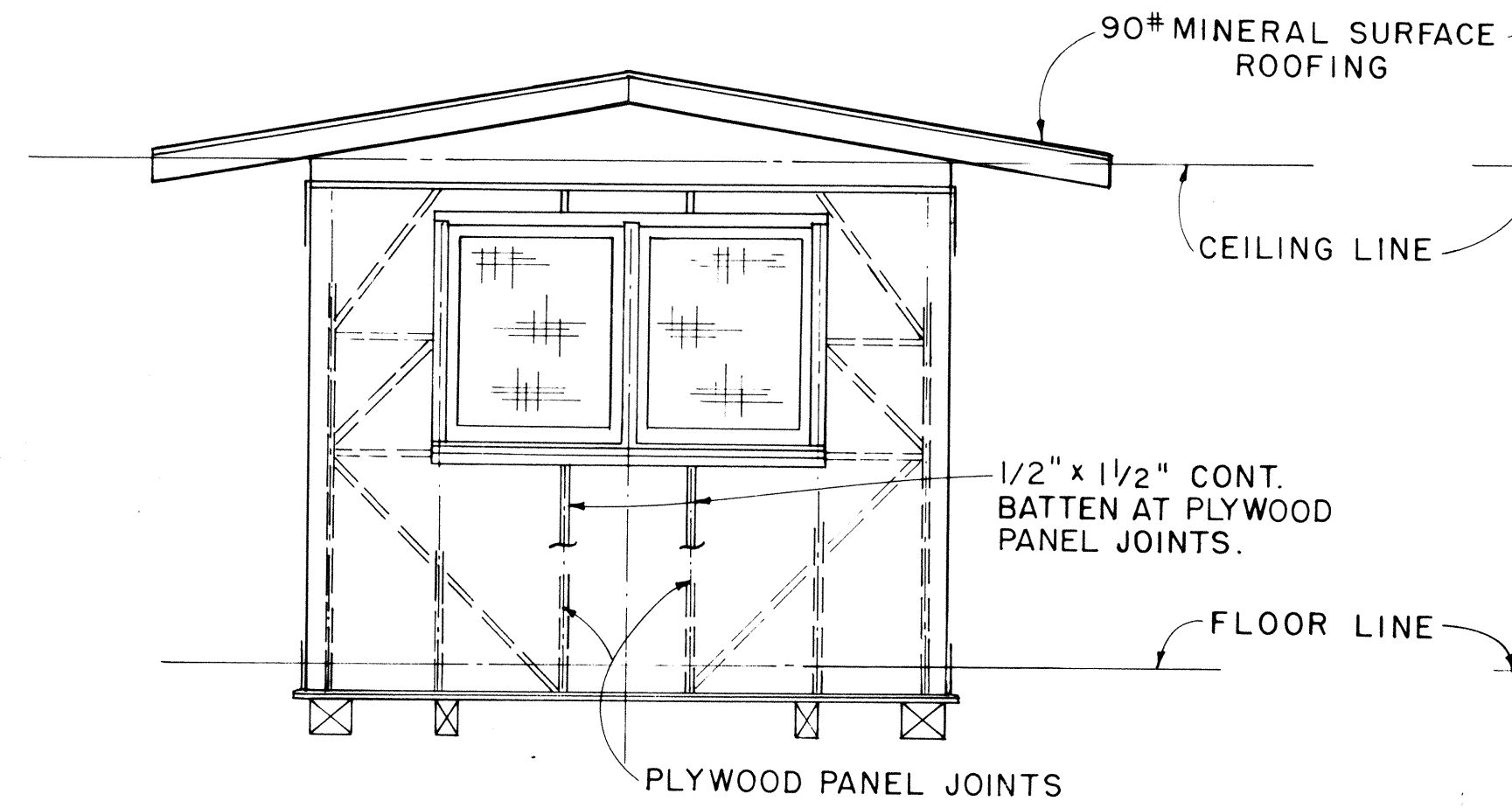
CASEMENT DETAIL

SCALE: 3" = 1'-0"



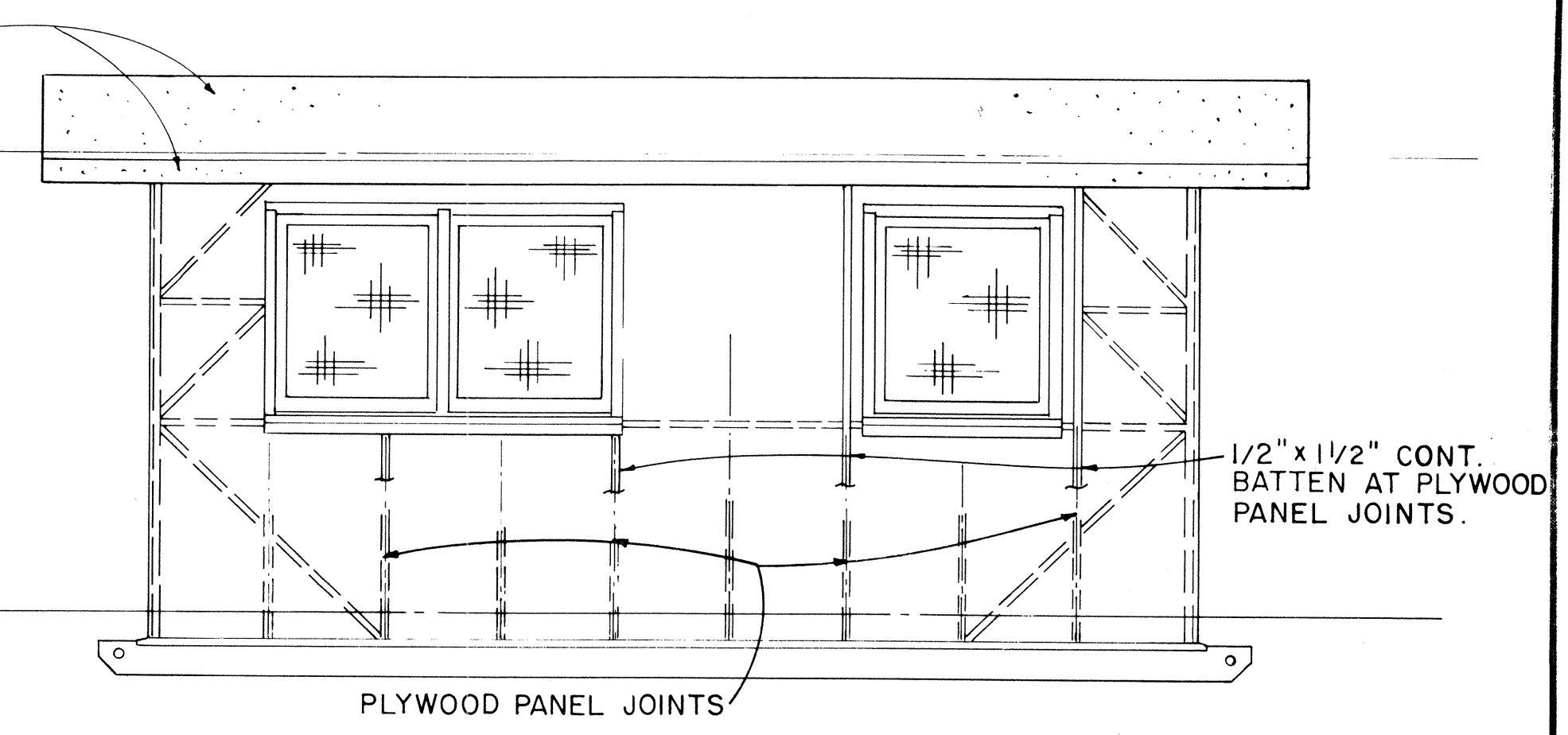
CABINET DETAIL

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



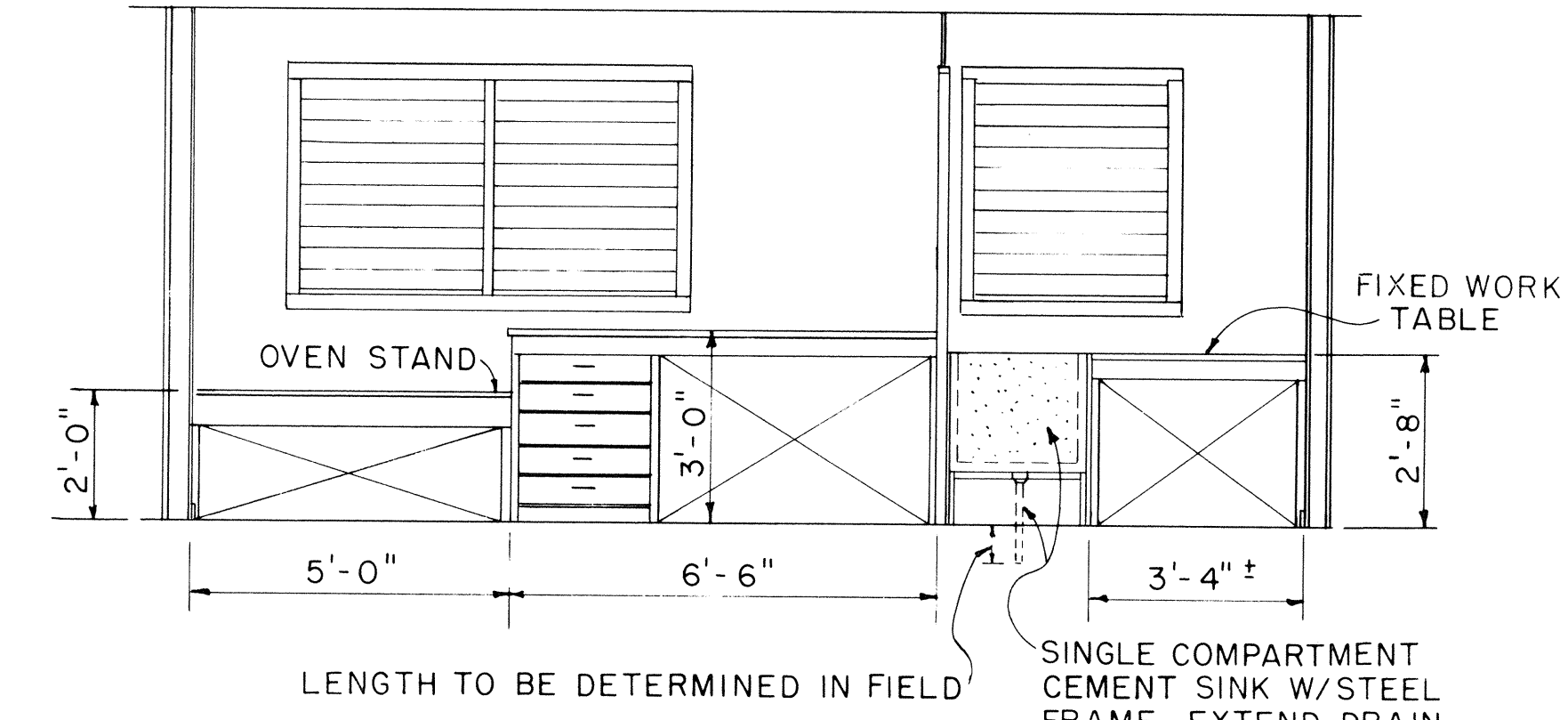
ELEVATION D

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



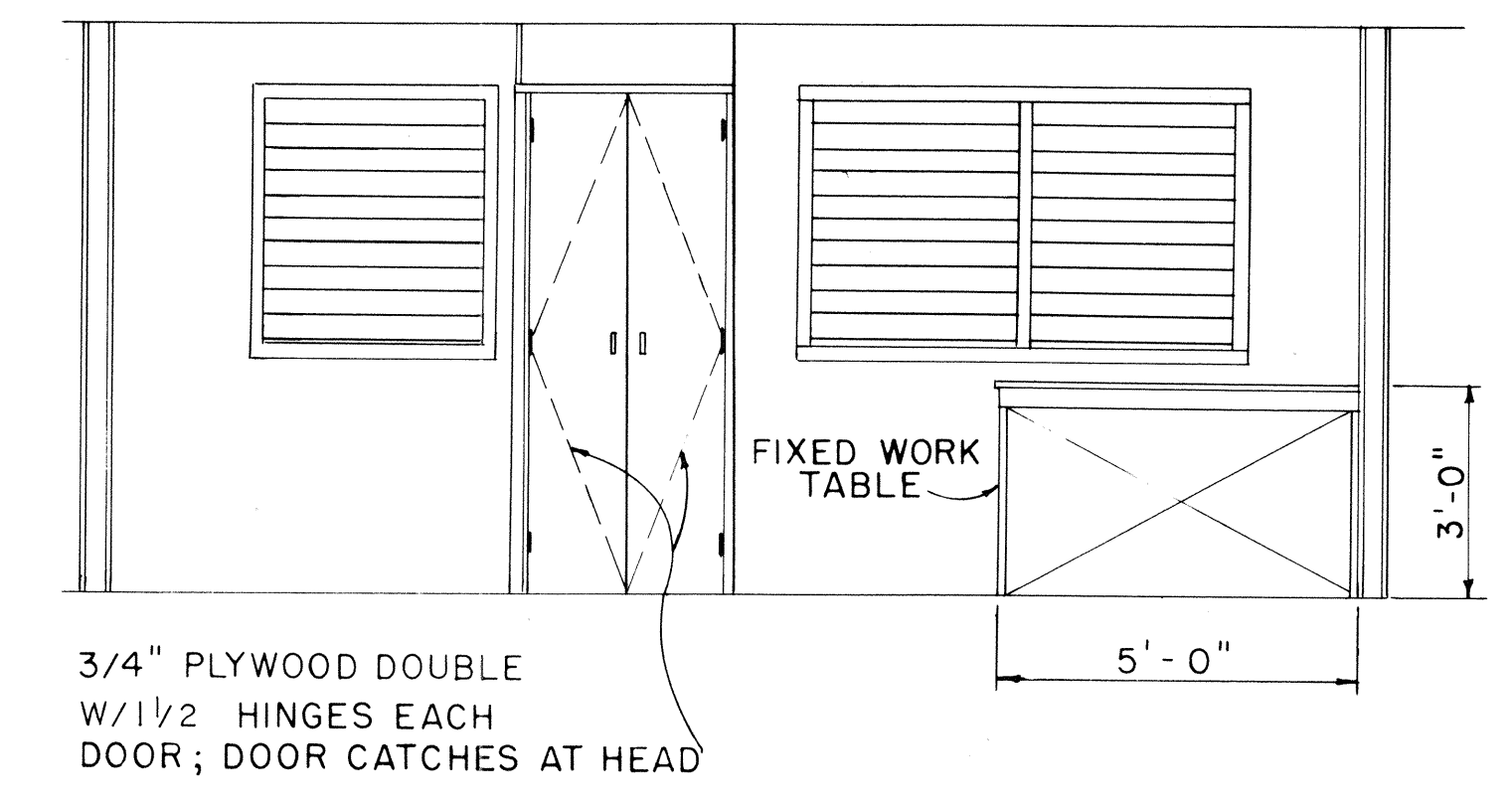
ELEVATION C

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



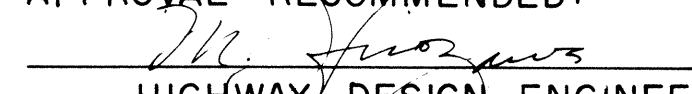
ELEVATION C1

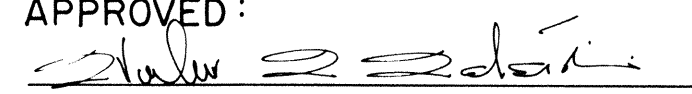
SCALE: 3/8" = 1'-0"



ELEVATION A1

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

APPROVAL RECOMMENDED:

 HIGHWAY DESIGN ENGINEER
 DATE 12-4-69

APPROVED:

 ASSISTANT CHIEF, ENGINEERING
 DATE 12-10-69

NO.	REVISION	APPROVED BY	DATE

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 LAND TRANSPORTATION FACILITIES DIVISION
 PROJECT SITE LABORATORY
 Scale: As Noted

