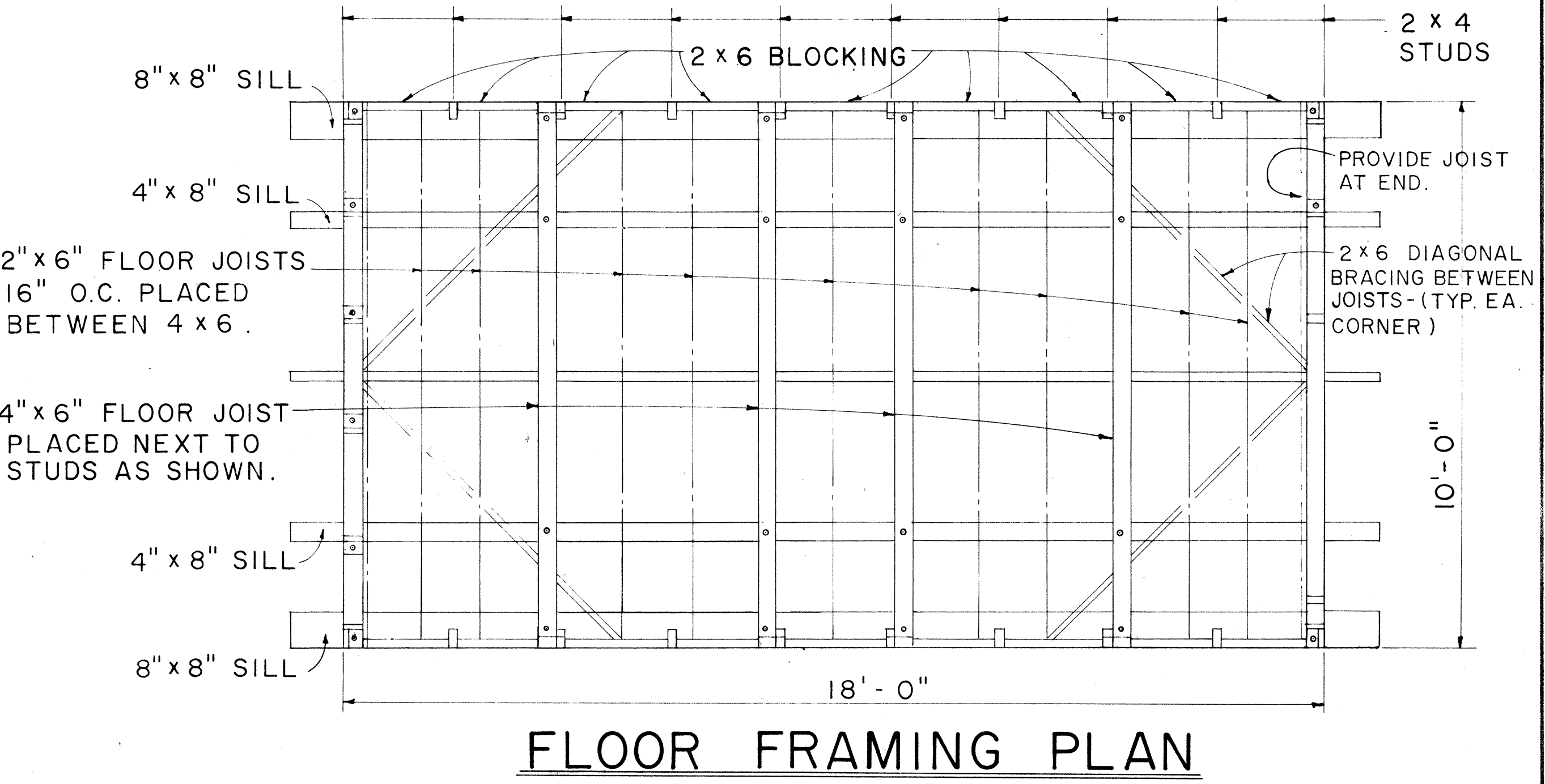
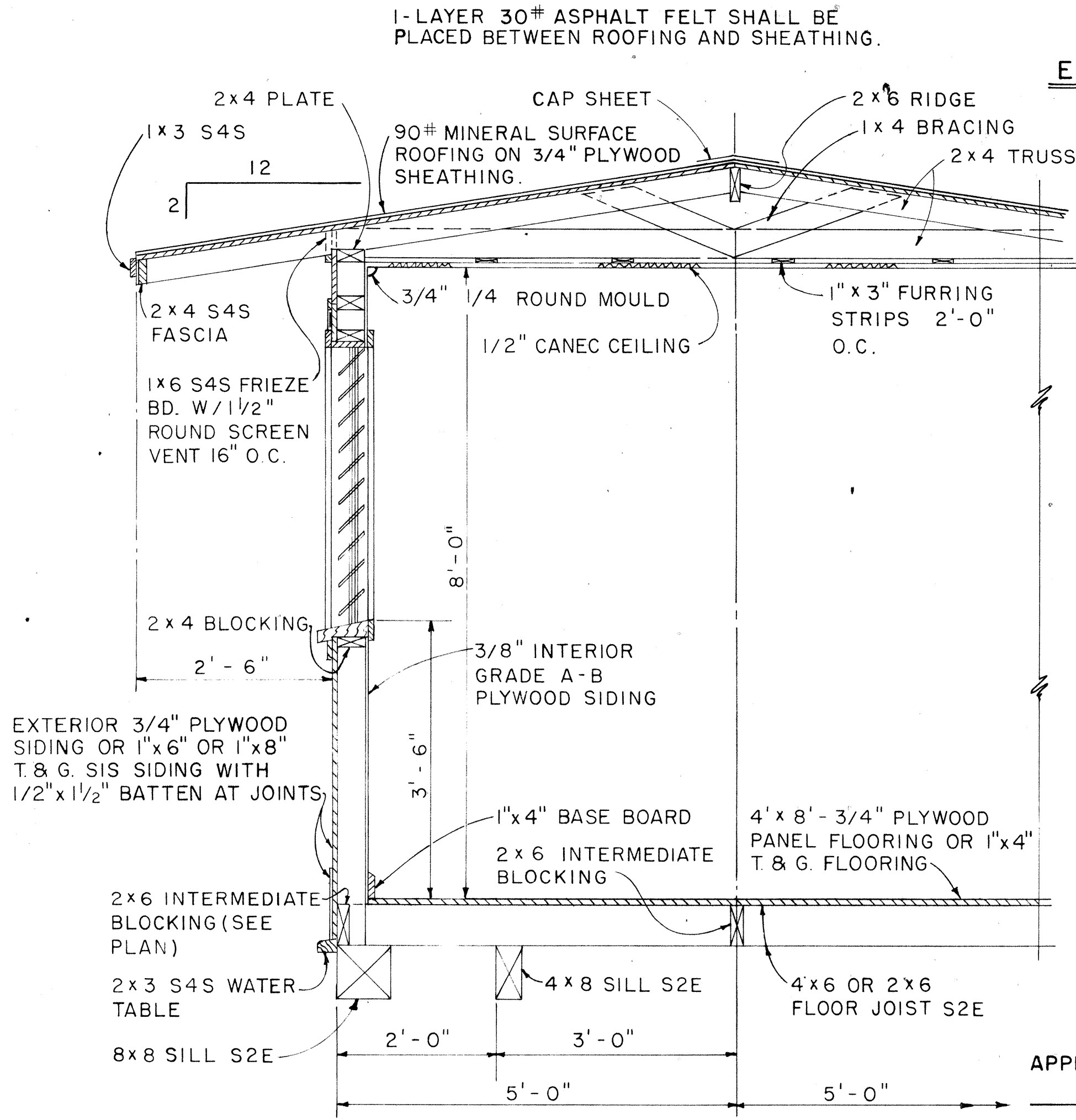
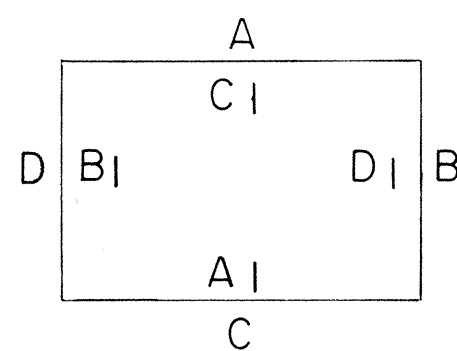
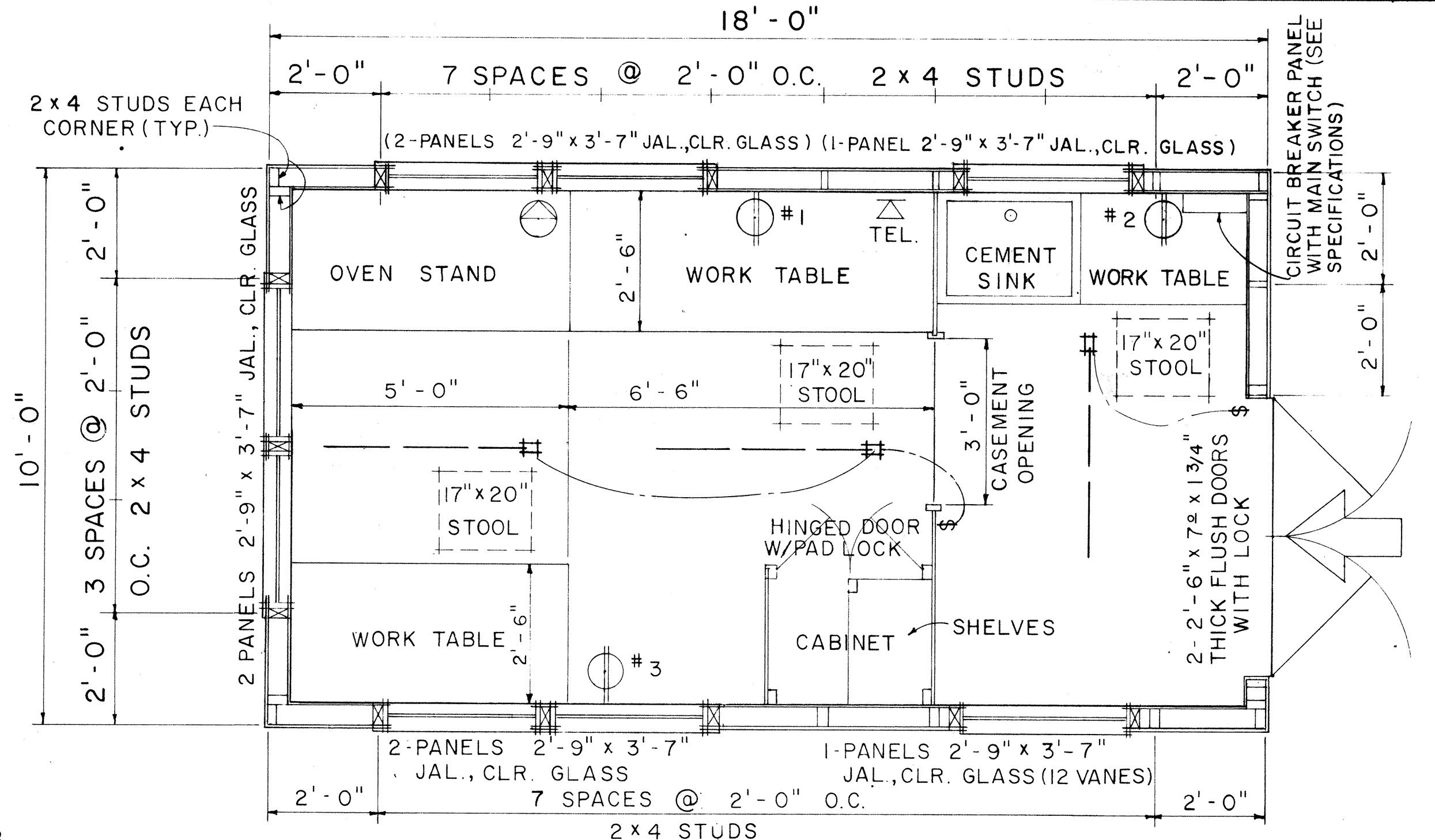
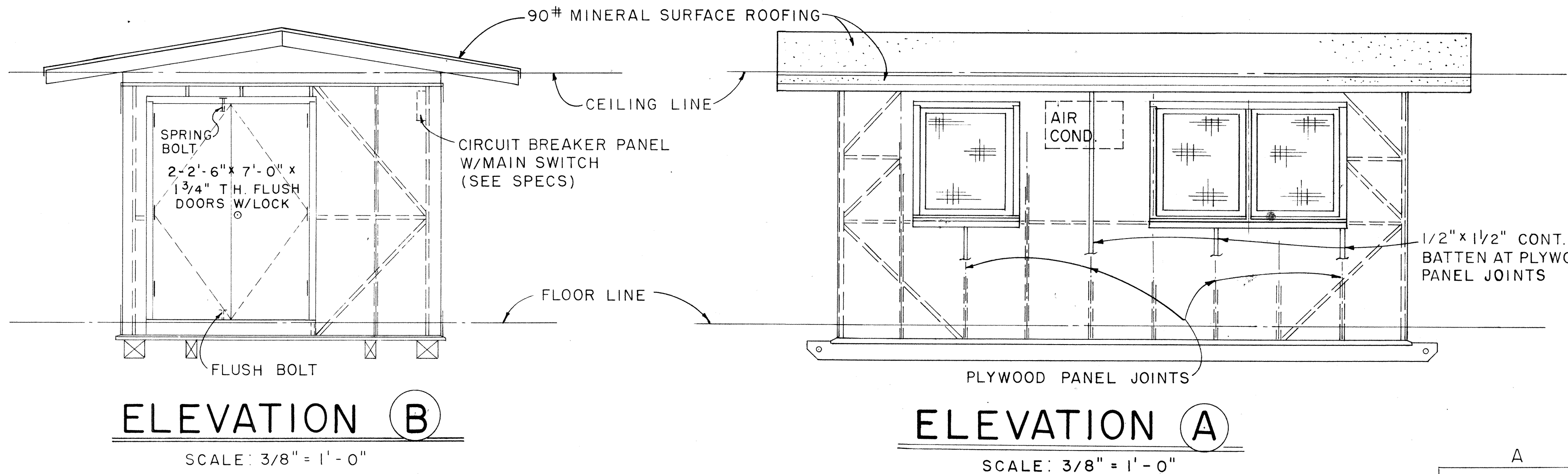


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	1-H3-1(23)-11 1-H3-1(2)-11	1970	26	224



NO.	REVISION	APPROVED BY	DATE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PROJECT SITE LABORATORY

Scale: As Noted

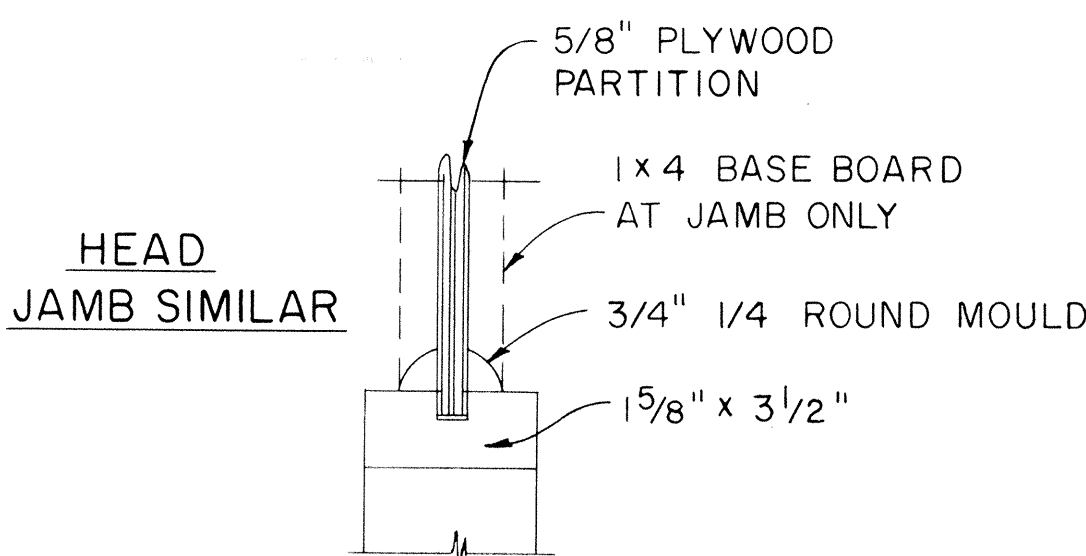
SHEET No. 1 OF 15 SHEETS DD 636.3

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

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

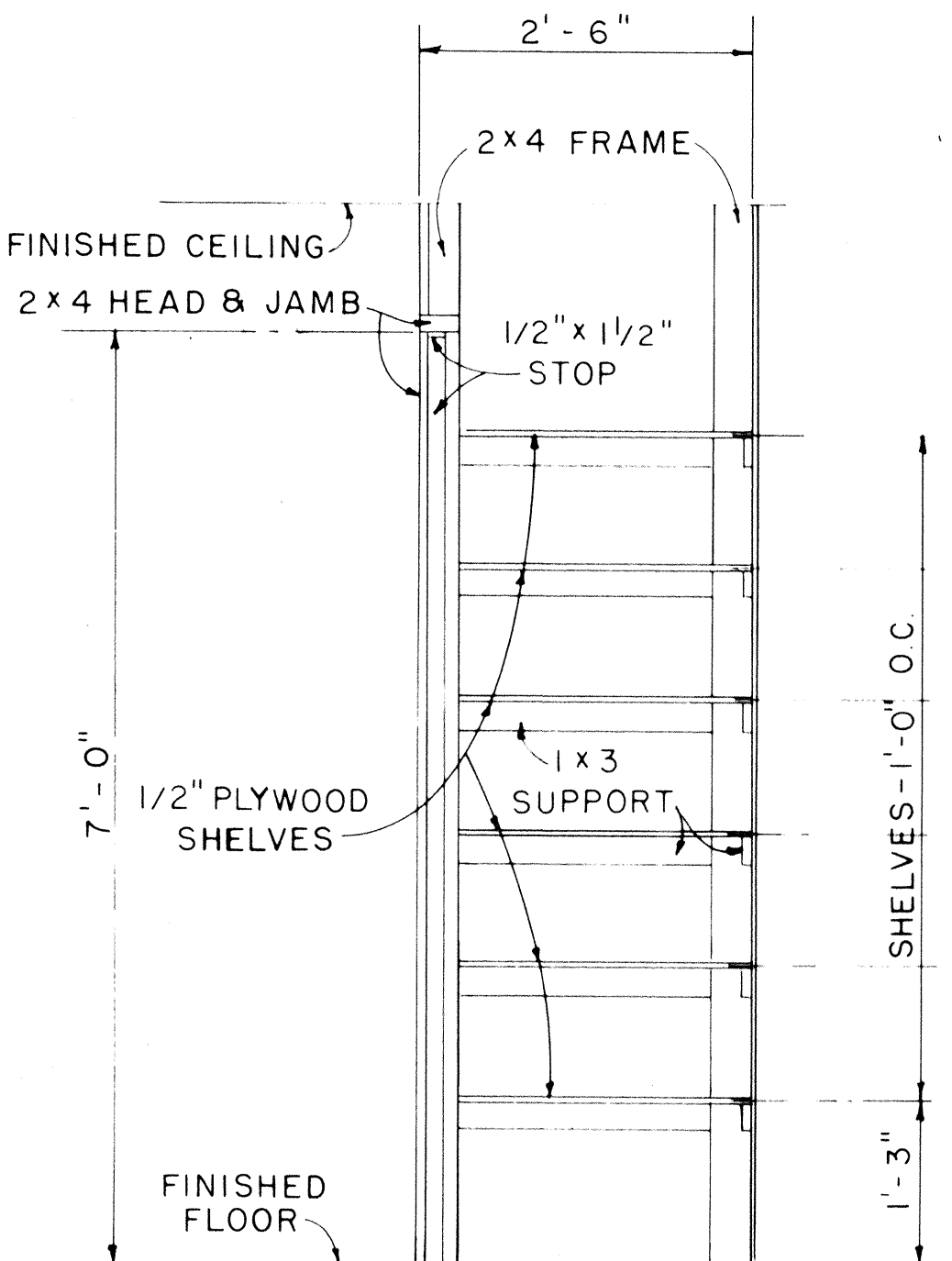
DESIGNED BY	DATE
DRAWN BY	
CHECKED BY	
NOTED BY	
NO.	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	1-H2-1(23)11 FH2-1(2)-11	1970	27	224



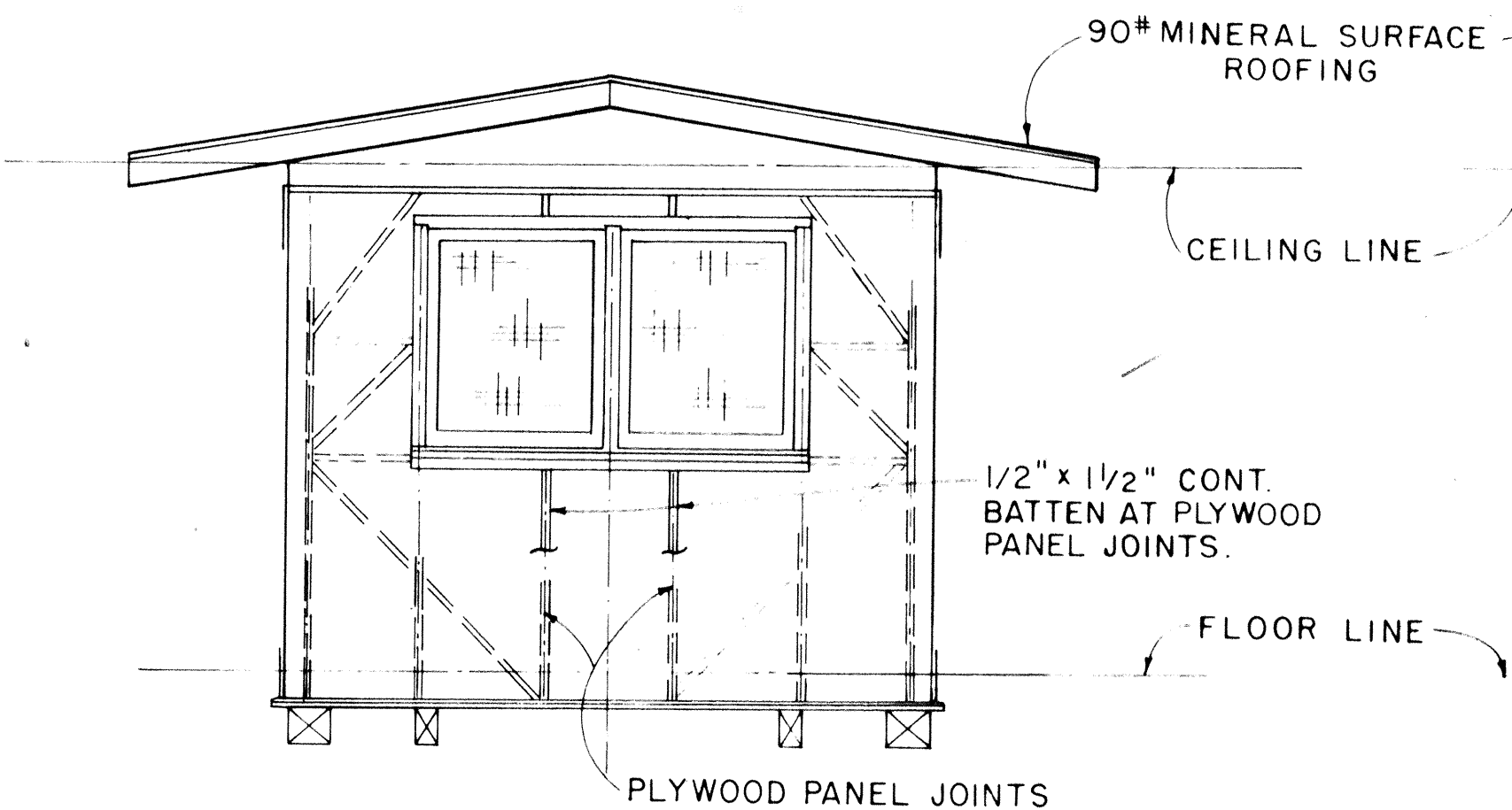
CASEMENT DETAIL

SCALE: 3" = 1'-0"



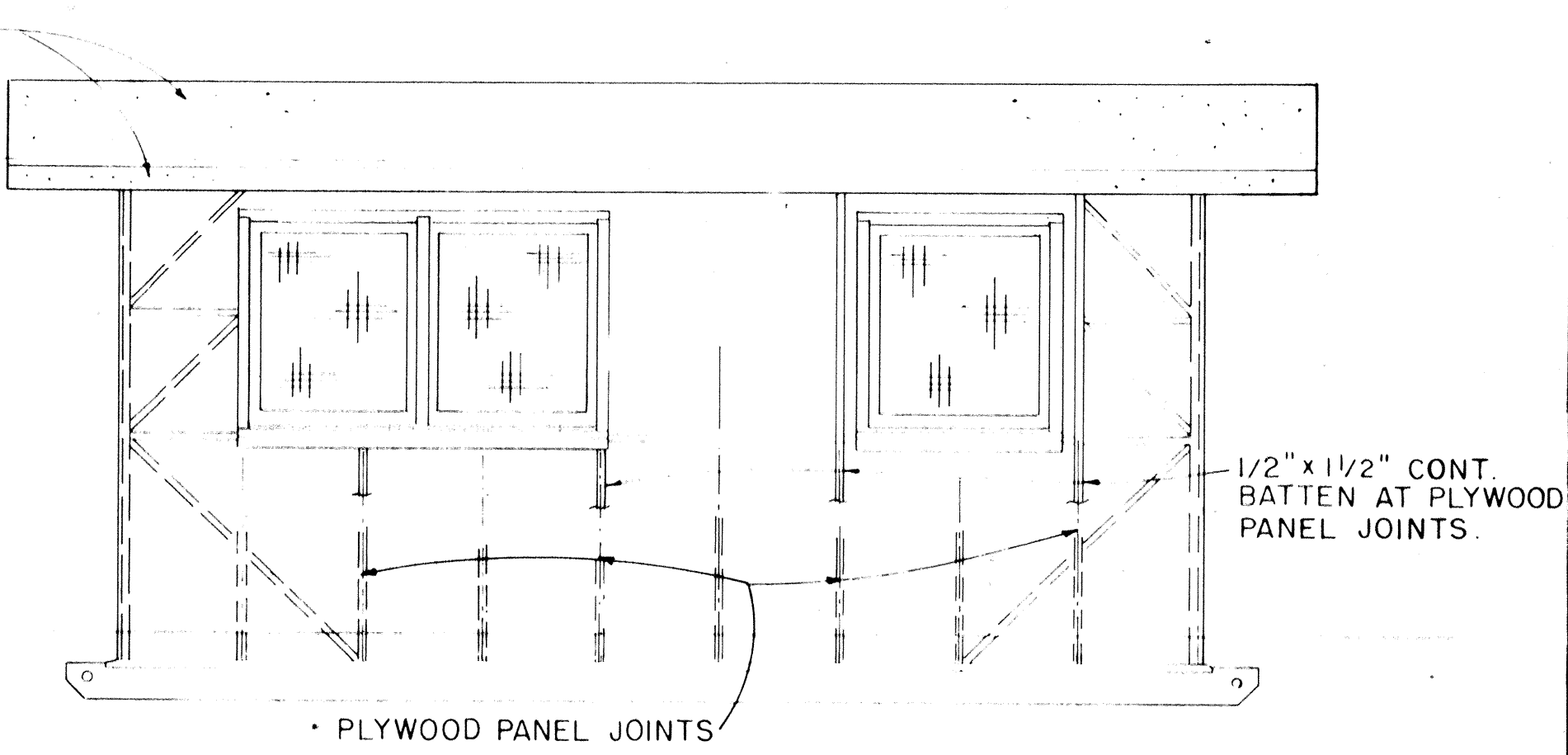
CABINET DETAIL

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



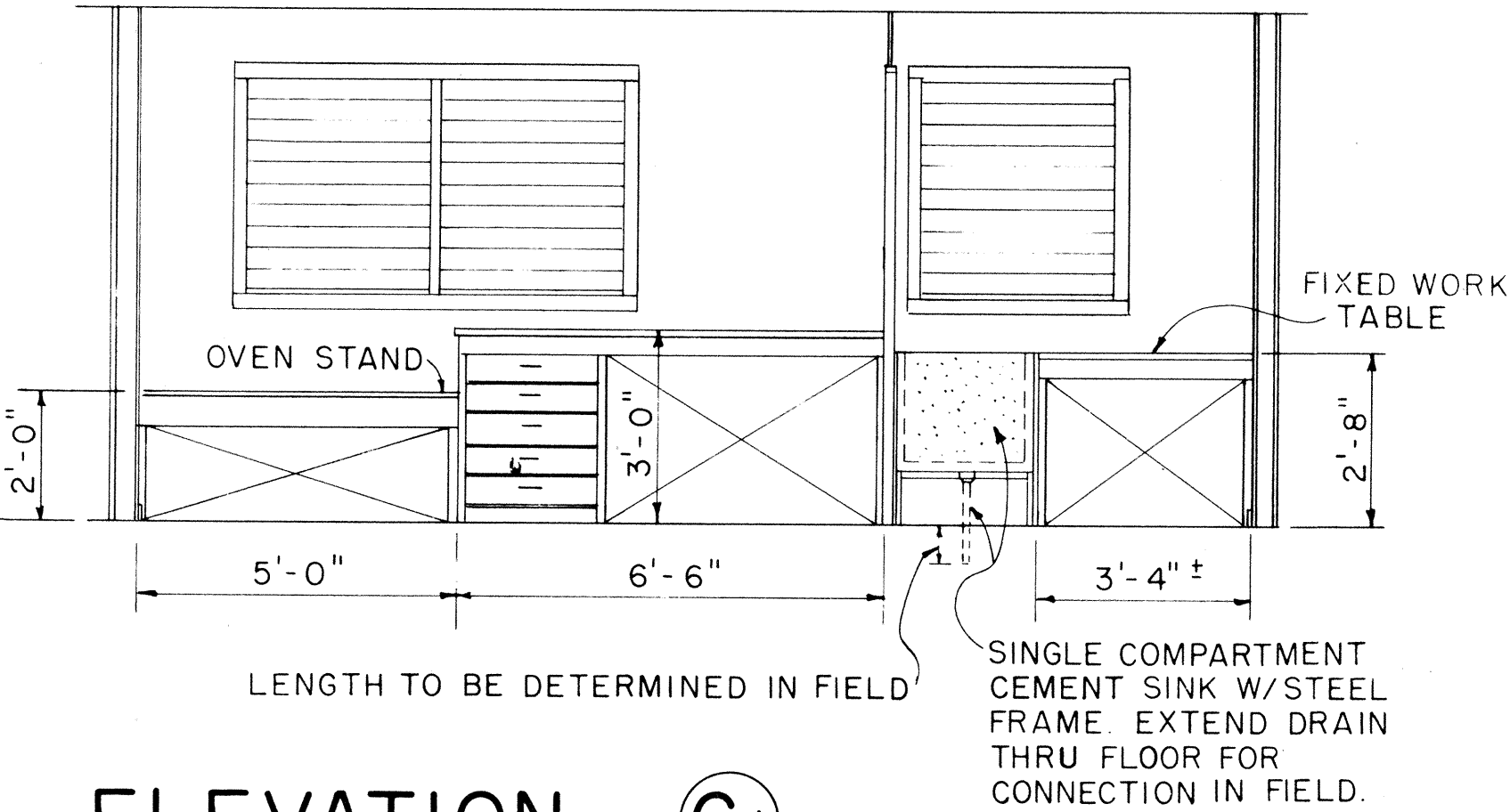
ELEVATION D

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



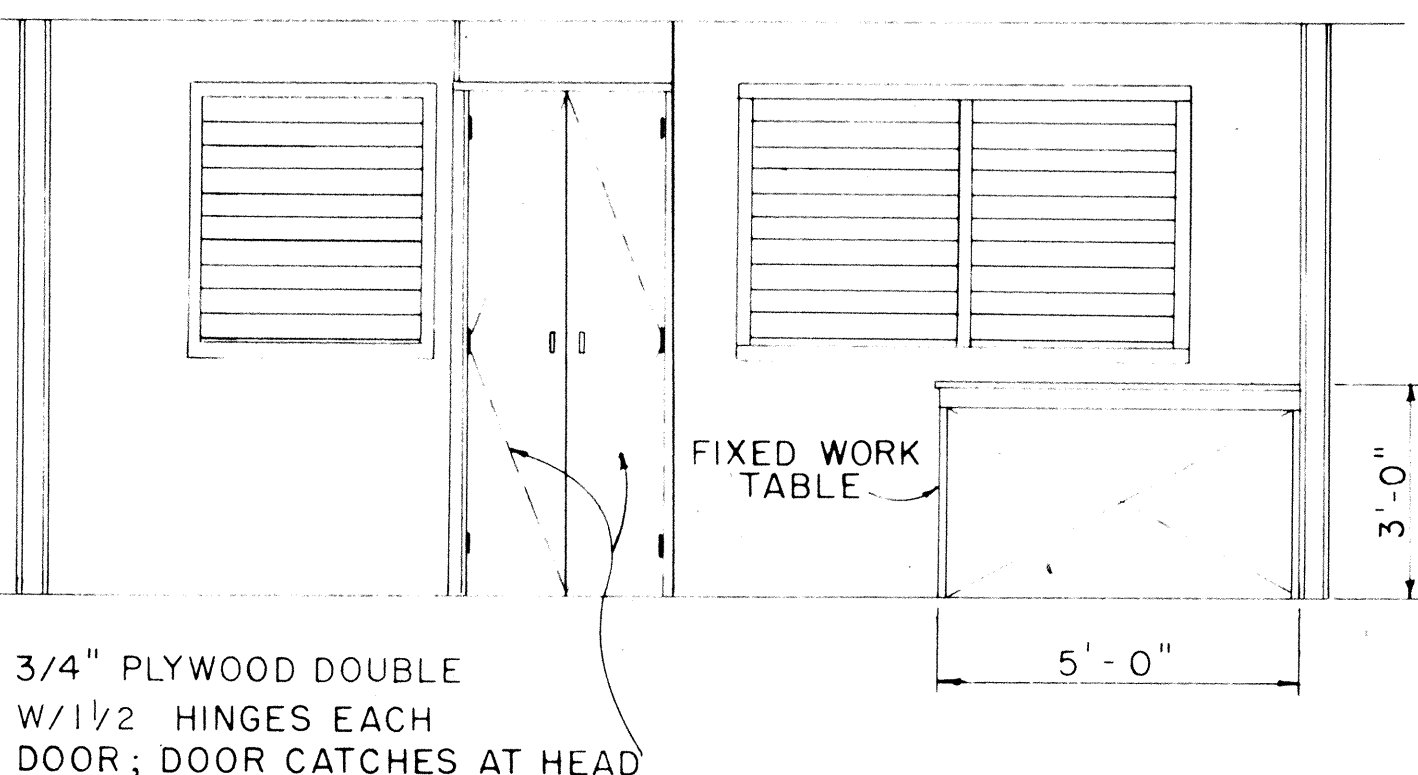
ELEVATION C

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

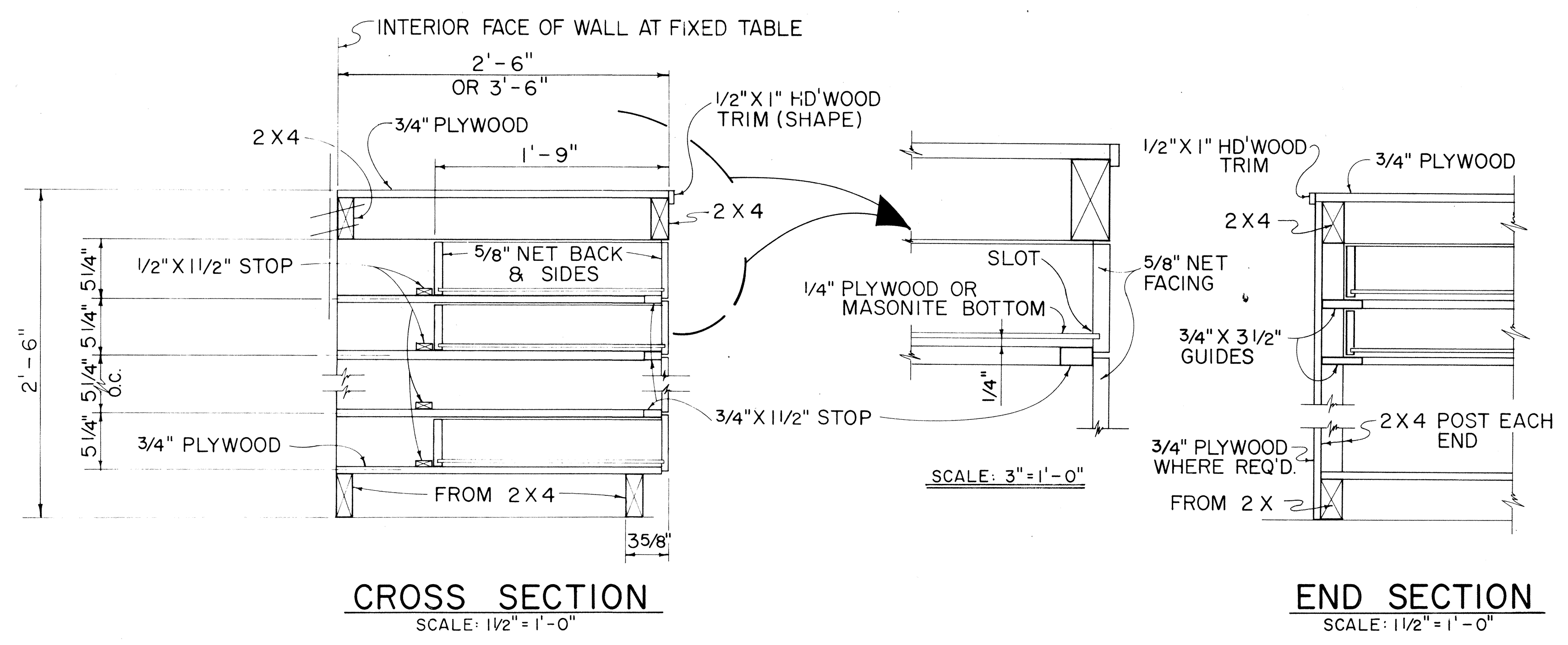
NO.	REVISION	APPROVED BY	DATE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

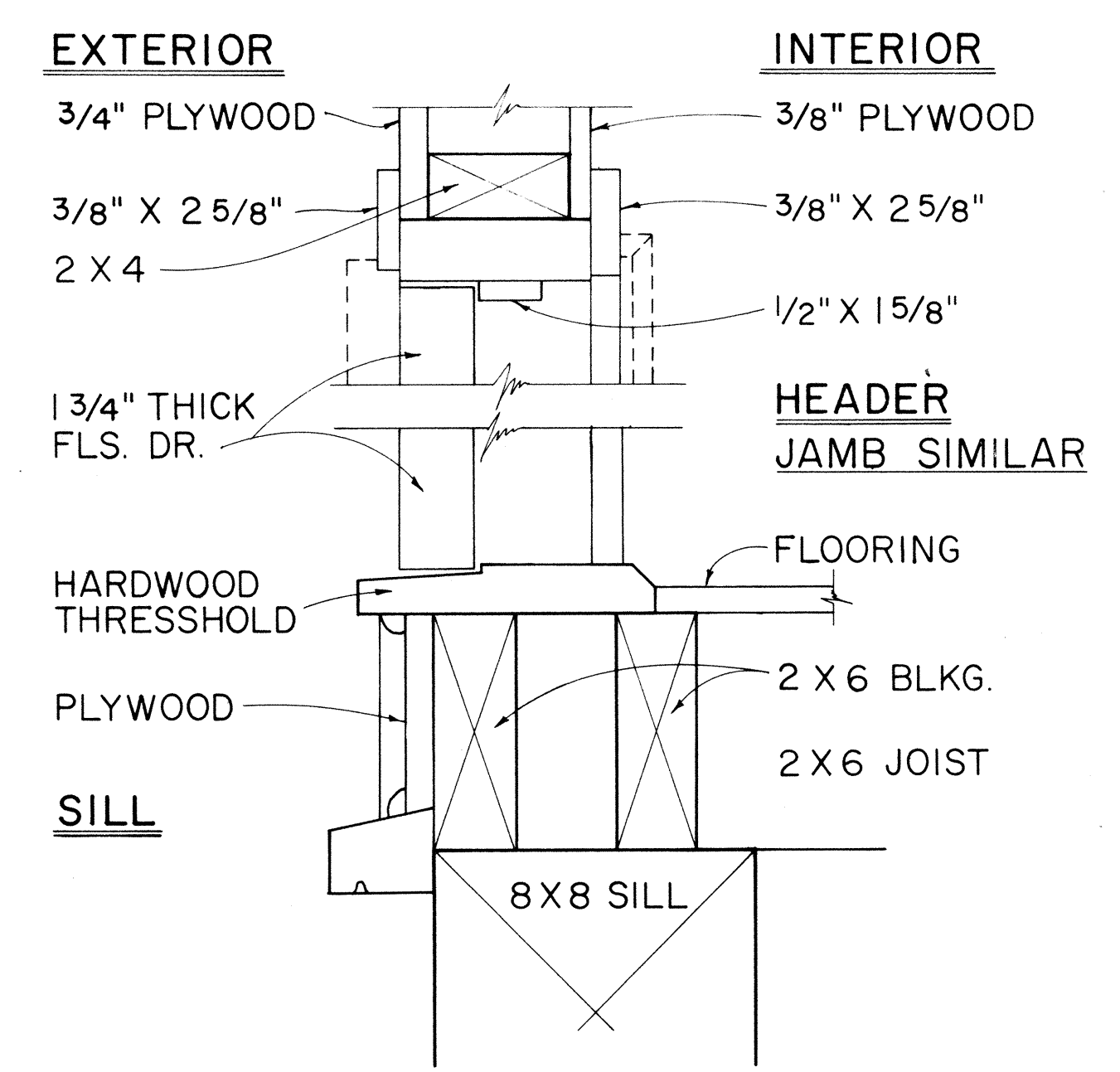
PROJECT SITE LABORATORY

Scale: As Noted

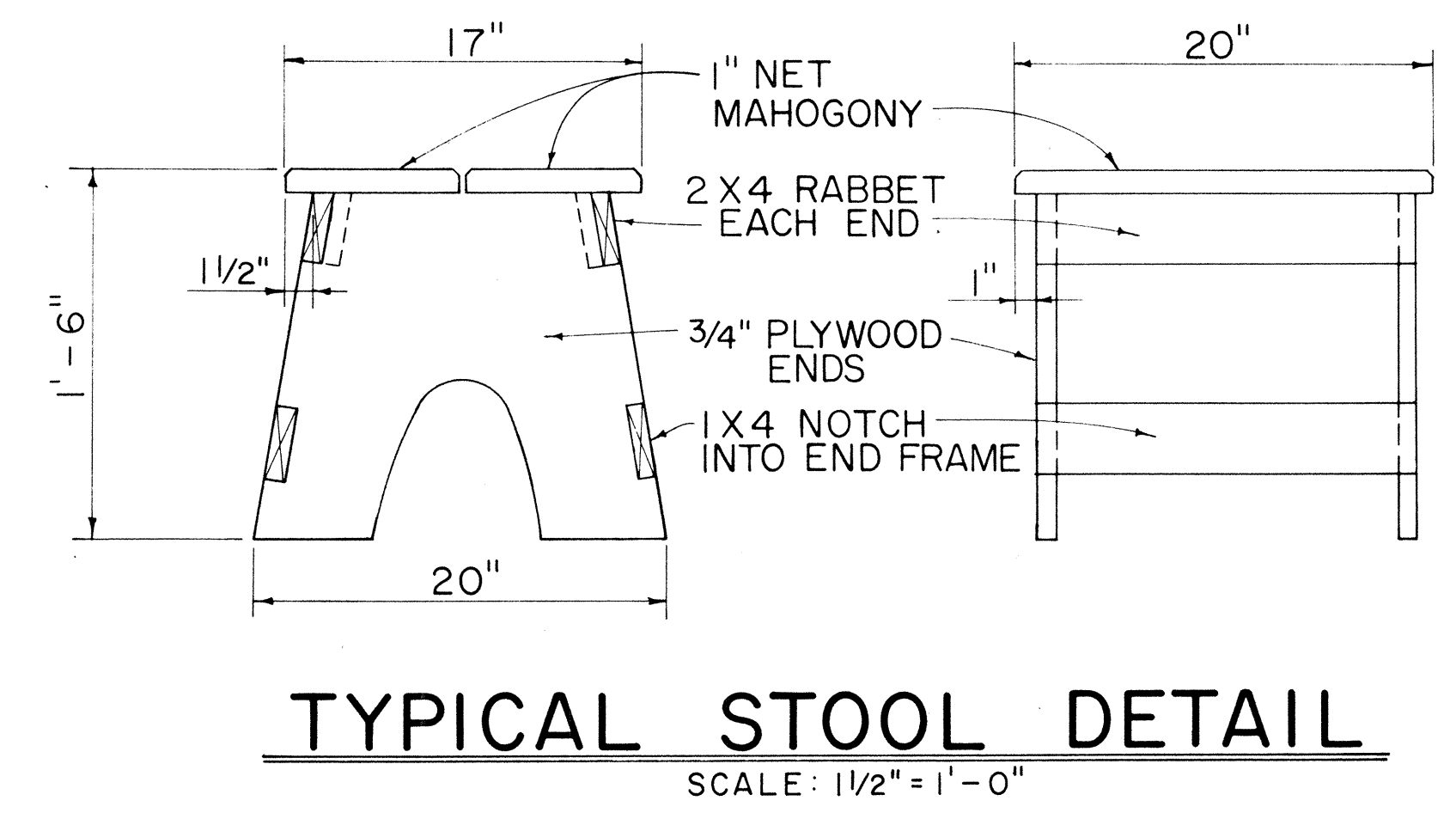
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAWAII	1-10-1(23)11	1970	28	224



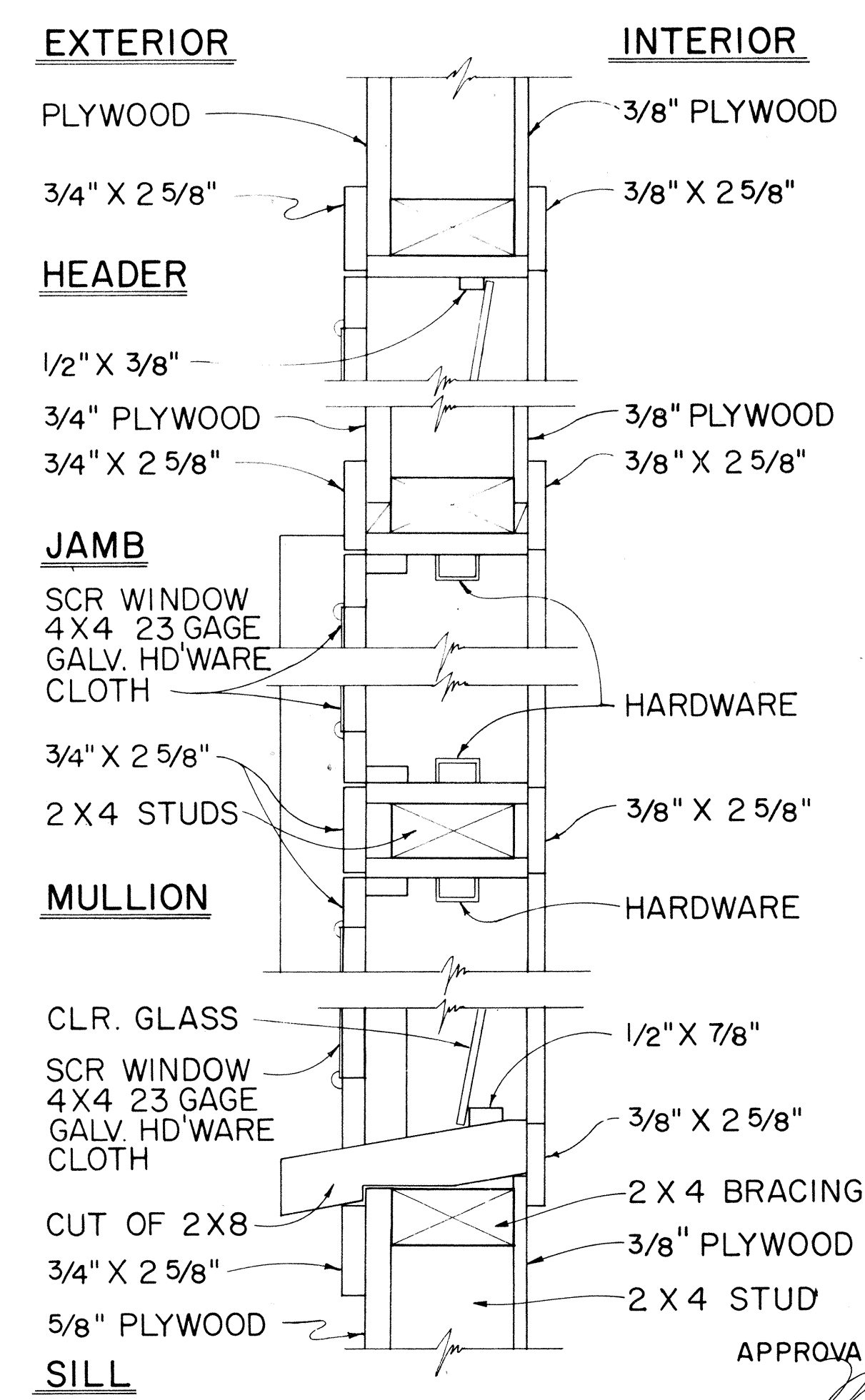
TYPICAL WORK TABLE DRAWER DETAIL



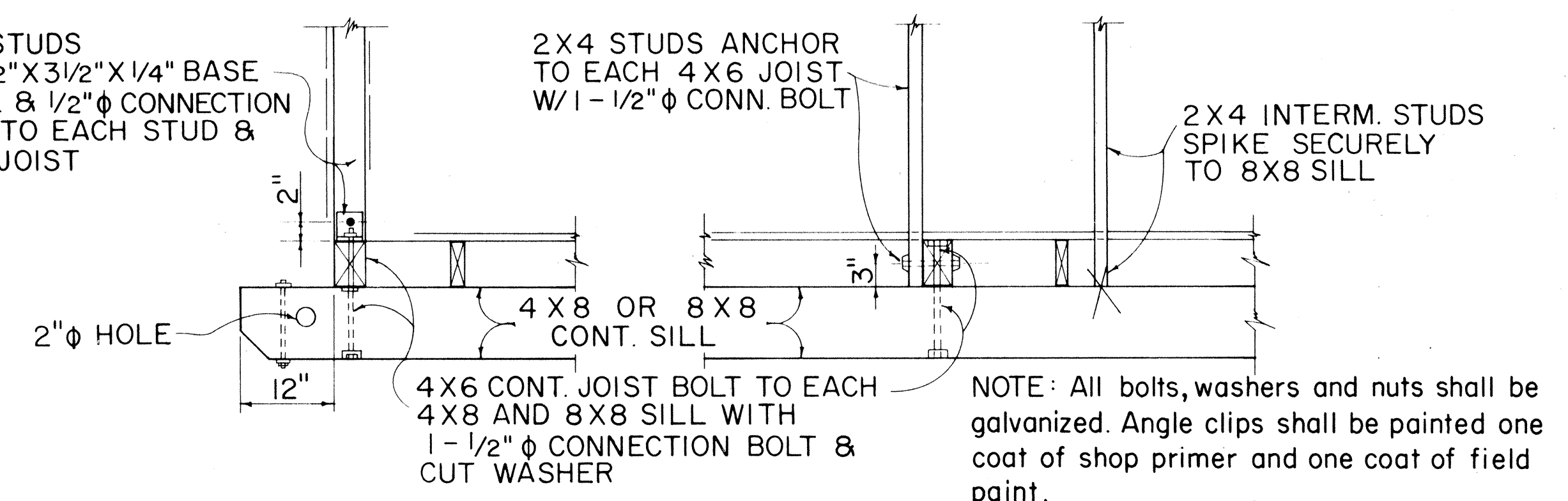
TYPICAL SINGLE OR DOUBLE EXTERIOR DOOR DETAIL



NOTE: CONTRACTOR MAY WITH THE APPROVAL OF THE ENGINEER FURNISH THE FIELD OFFICE OR PROJECT SITE LABORATORY WITH STOOLS OTHER THAN THE TYPE SHOWN IN THE DETAIL.



TYPICAL DETAIL JALOUSIES WINDOWS



TYPICAL 2 X 4 STUD & 4 X 6 FLOOR JOIST BASE CONNECTION DETAILS

NO.	REVISION	APPROVED BY	DATE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

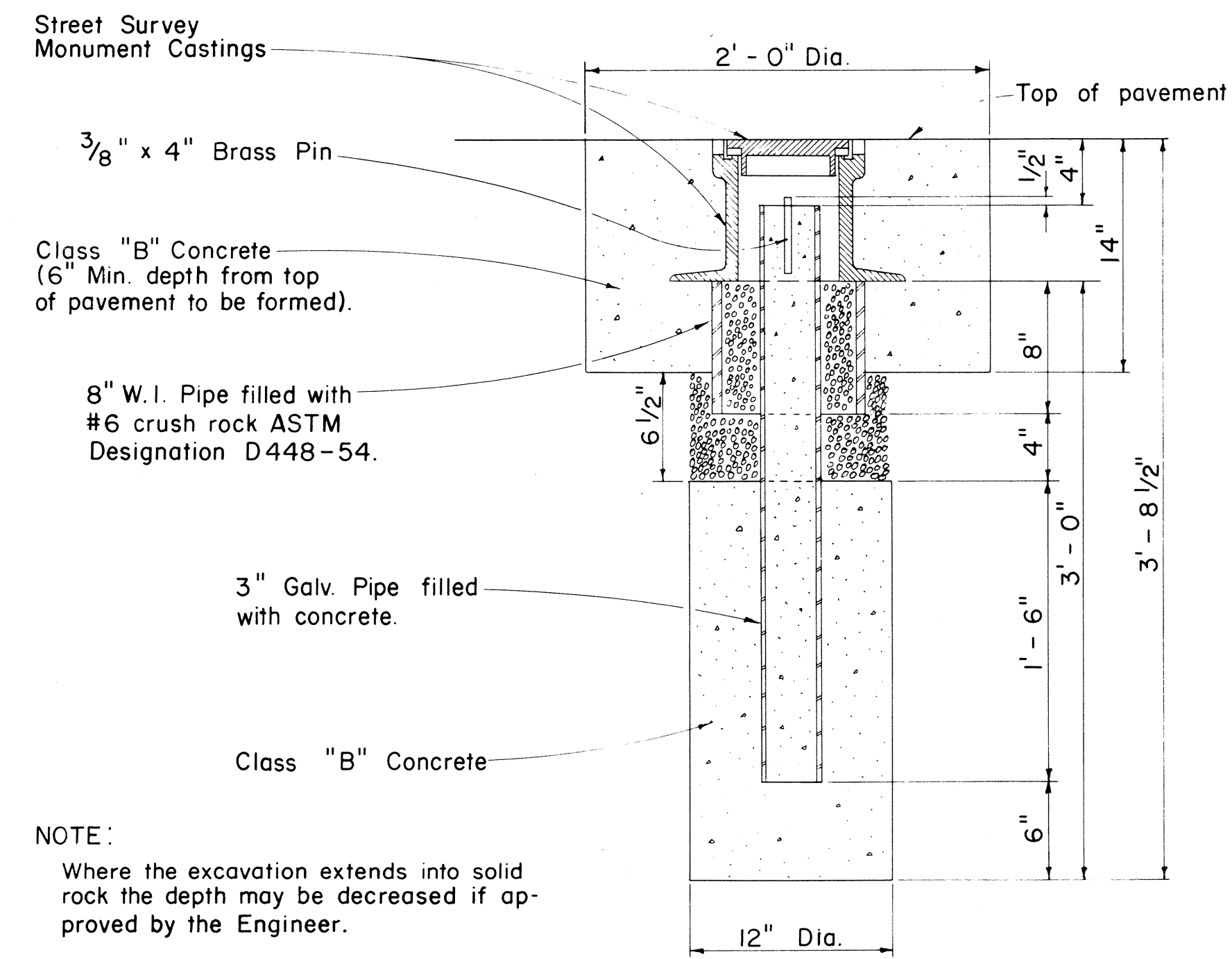
FIELD OFFICE
&
PROJECT SITE LABORATORY

Scale As Noted

SHEET No. 28 OF 155 SHEETS DD 636.5

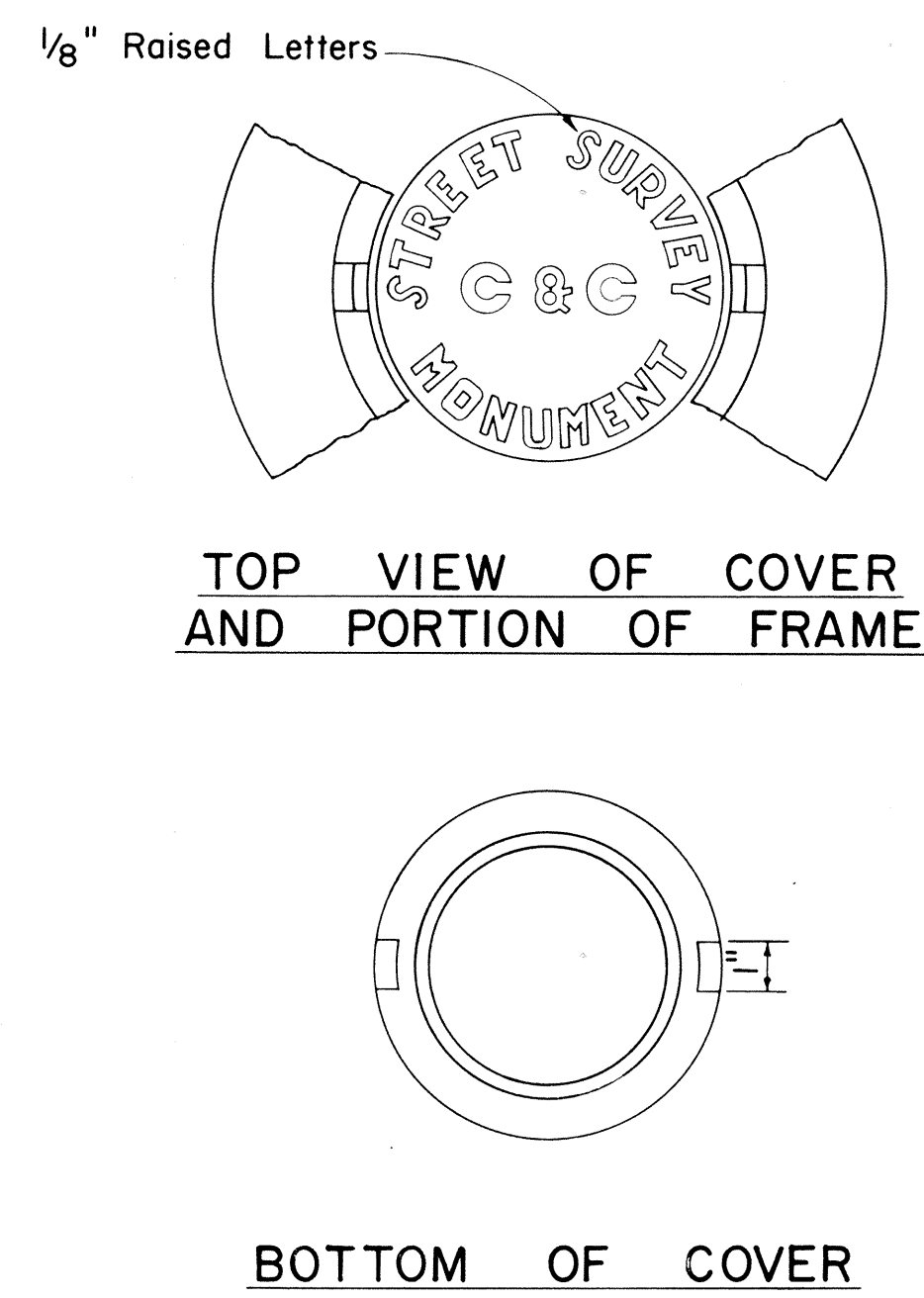
SURVEY PLOTTED BY: _____ DATE: _____
 DESIGNED BY: _____ DRAWN BY: _____
 CHECKED BY: _____
 ORIGINAL PLAN: _____
 NOTE BOOK: _____
 No. _____

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW	I-H3-(23):11 I-H3-(2):11	1970	27	224



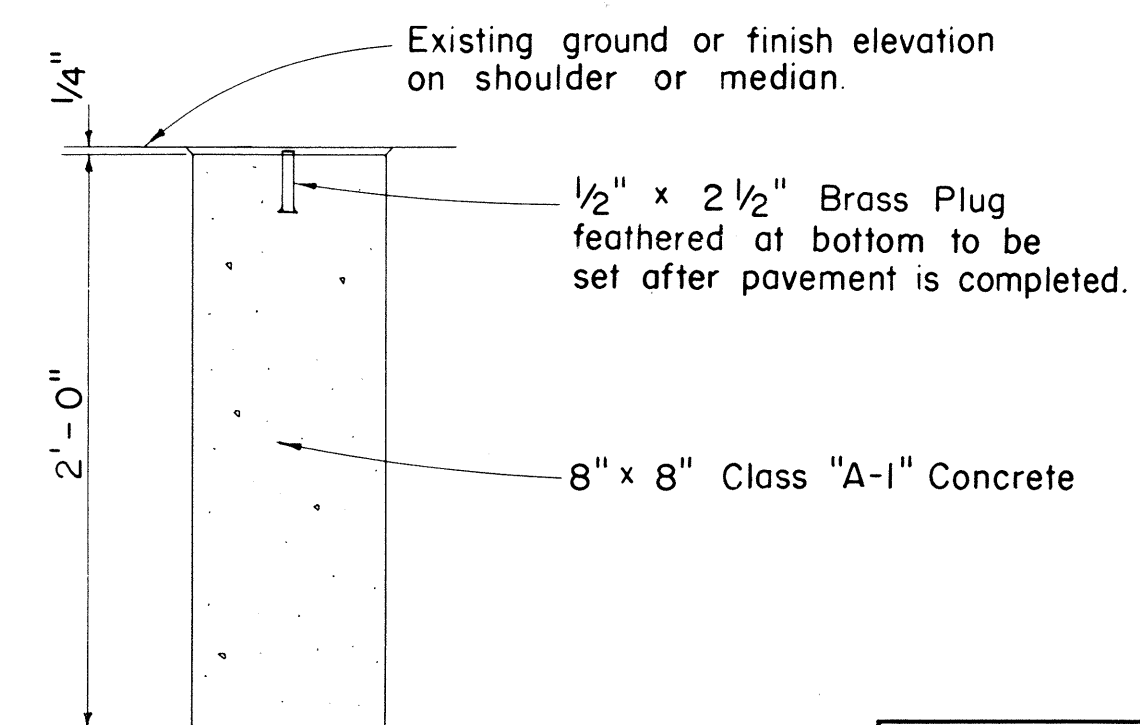
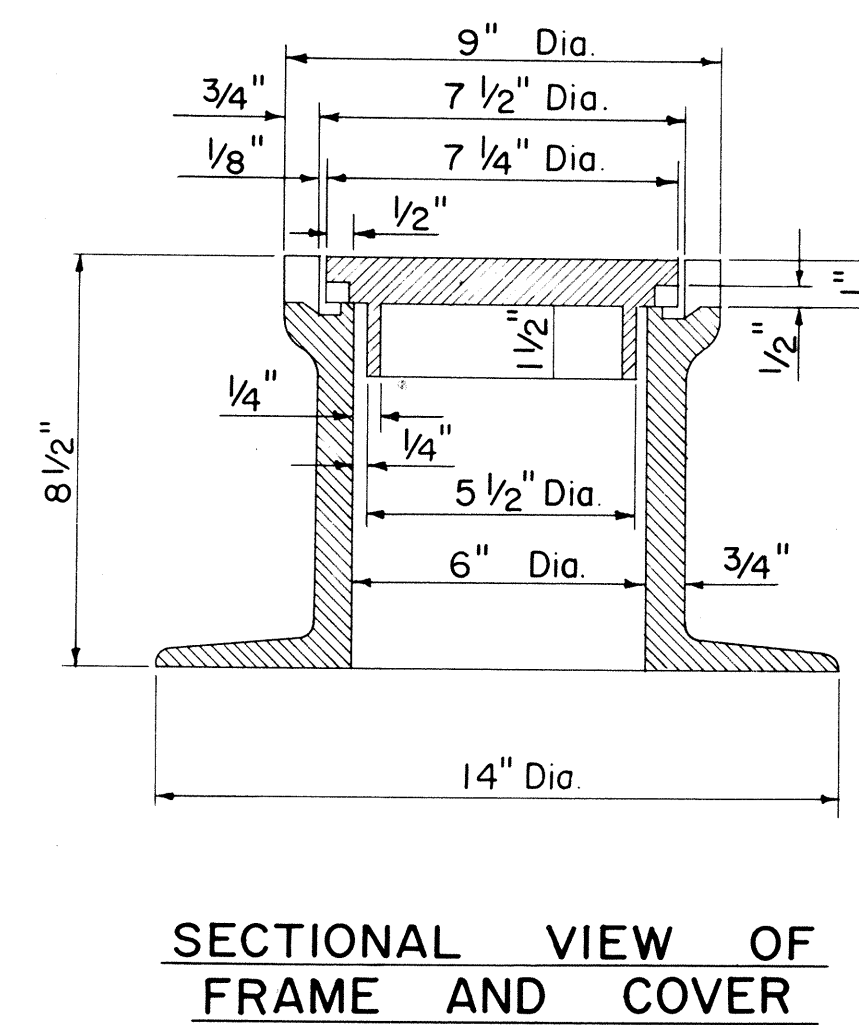
STREET SURVEY MONUMENT

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



STREET SURVEY MONUMENT CASTINGS

Scale: 3" = 1' - 0"



DETAIL FOR C AND REFERENCE SURVEY MONUMENT

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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
STANDARD DETAILS

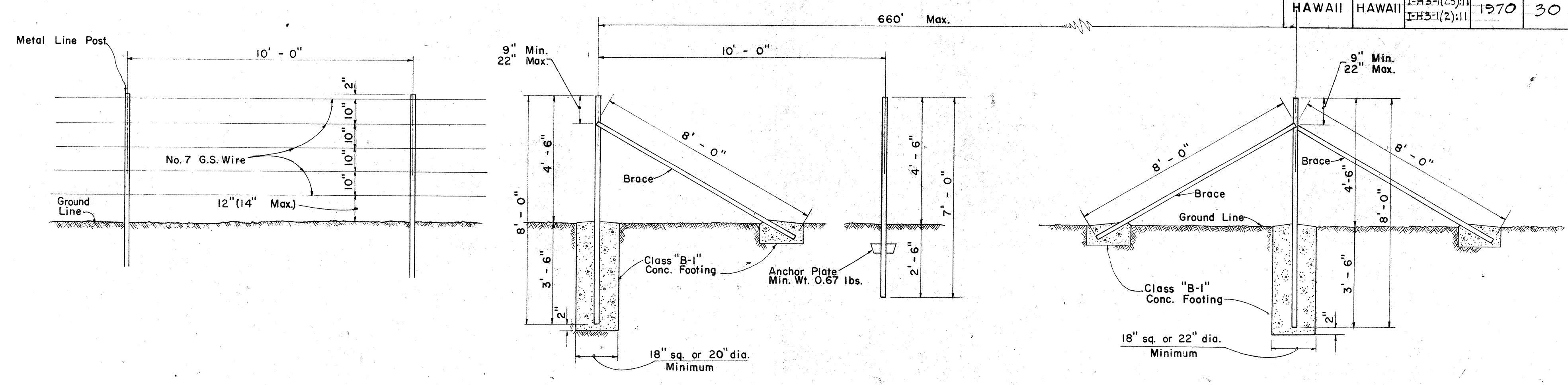
F.A.I. Proj. No. I-H3-(23):11 I-H3-(2):11
Scale: as noted Date: Oct. 1968

SHEET NO 4 OF 15 SHEETS

29

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
	TRACED BY	
	QUANTITIES BY	
	CHECKED BY	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAWAII	I-H3-1(23):11 I-H3-1(2):11	1970	30	224



END, GATE OR CORNER POST

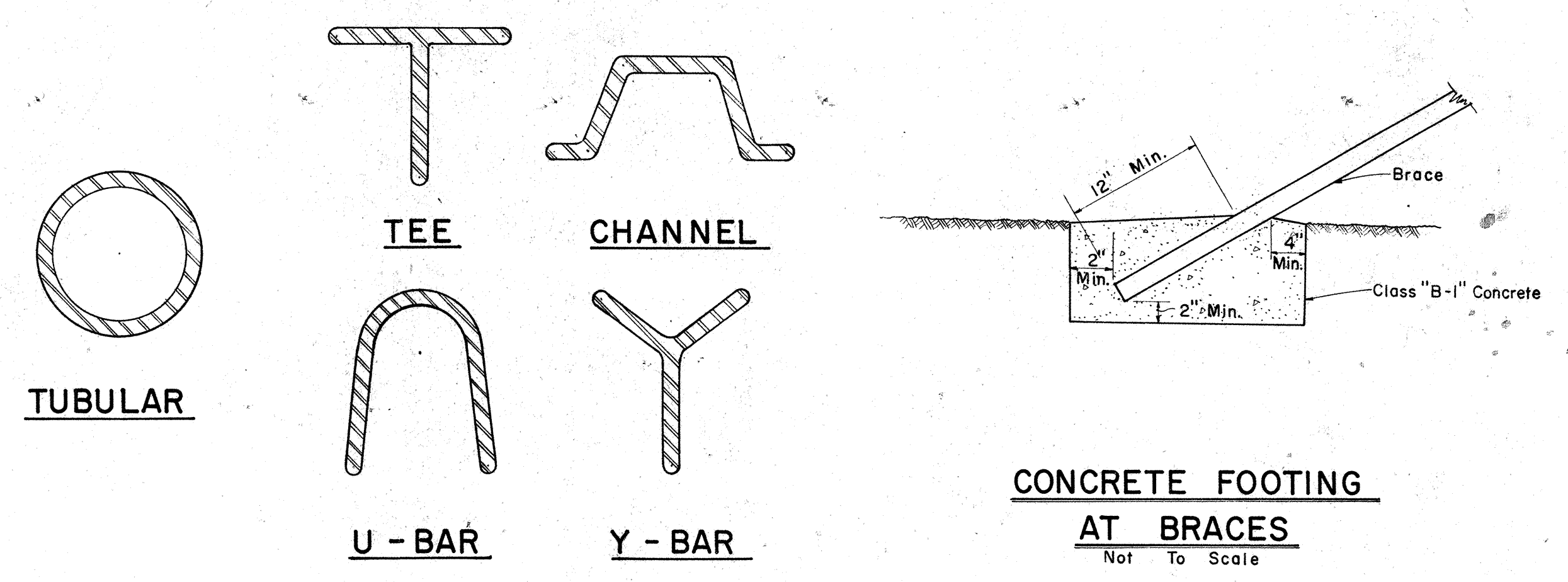
Scale: 3/8" = 1' - 0"

LINE POST

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

INTERMEDIATE ANCHOR POST

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



TYPICAL CROSS SECTIONS

OF METAL POSTS

Not To Scale

CONCRETE FOOTING

AT BRACES

Not To Scale

DETAILS OF STANDARD WIRE FENCE WITH METAL POSTS

SCALE: AS NOTED

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

HIGHWAYS DIVISION

STANDARD DETAILS

F.A.I. Proj. No. I-H3-1(23):11

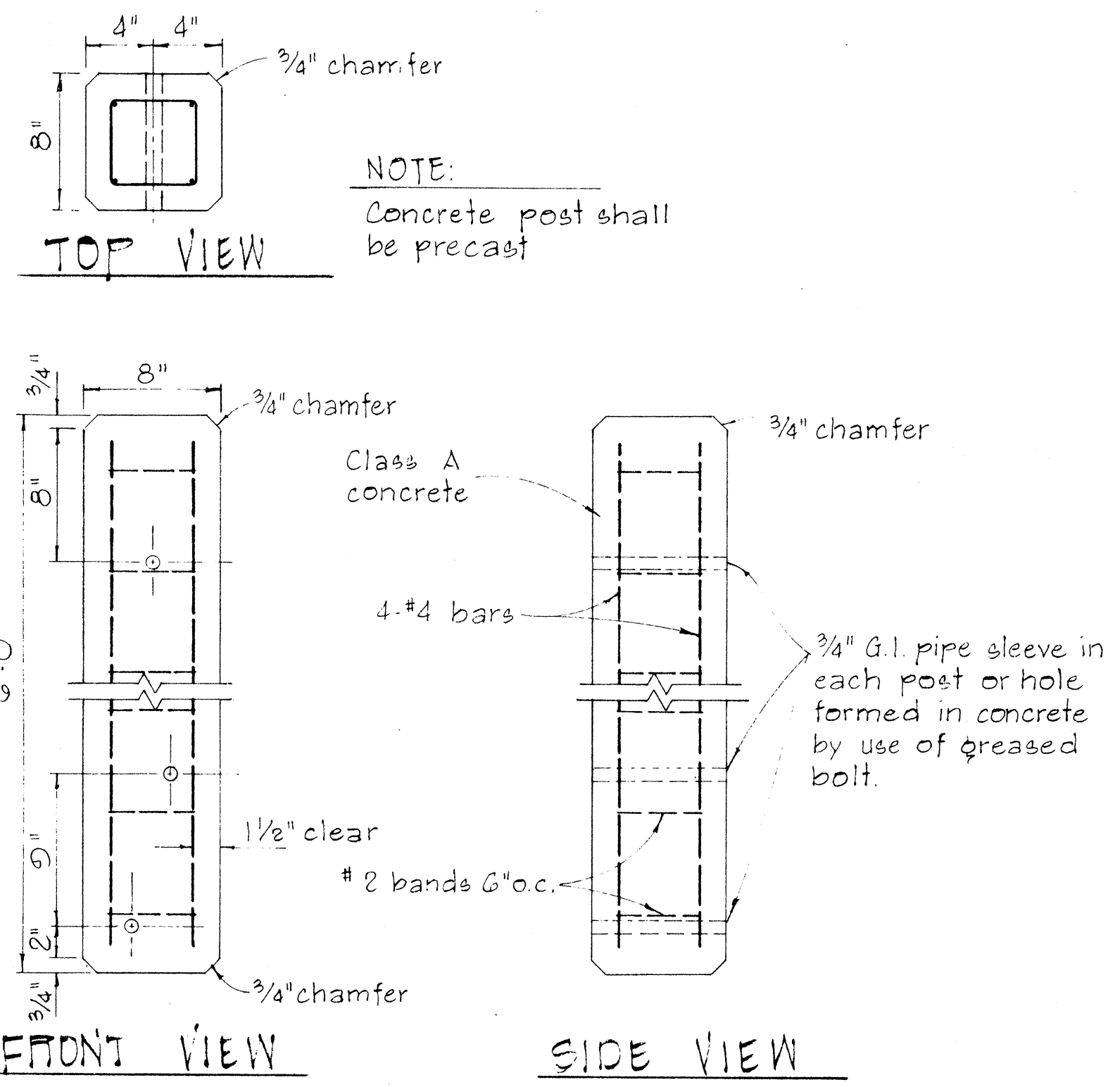
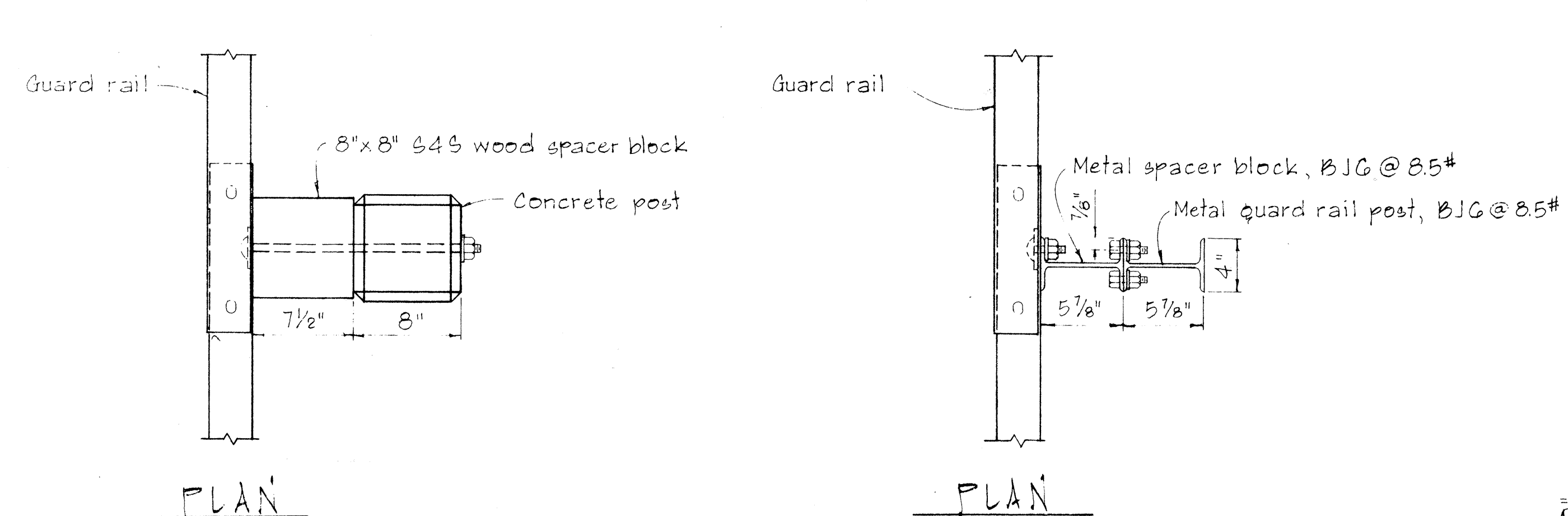
Scales: As Noted

I-H3-1(2):11

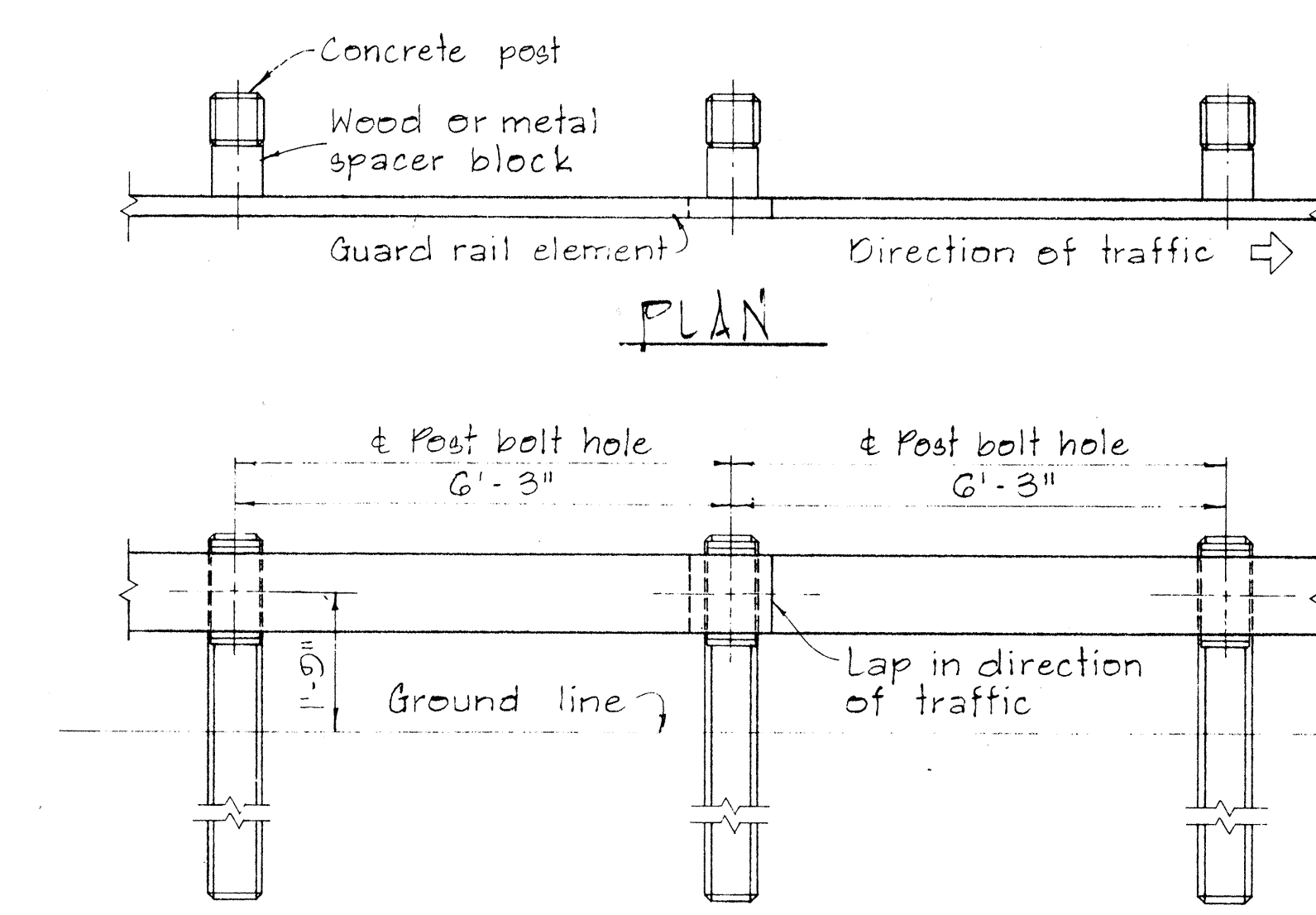
Date: Oct. 1968

SHEET NO. 5 OF 15 SHEETS

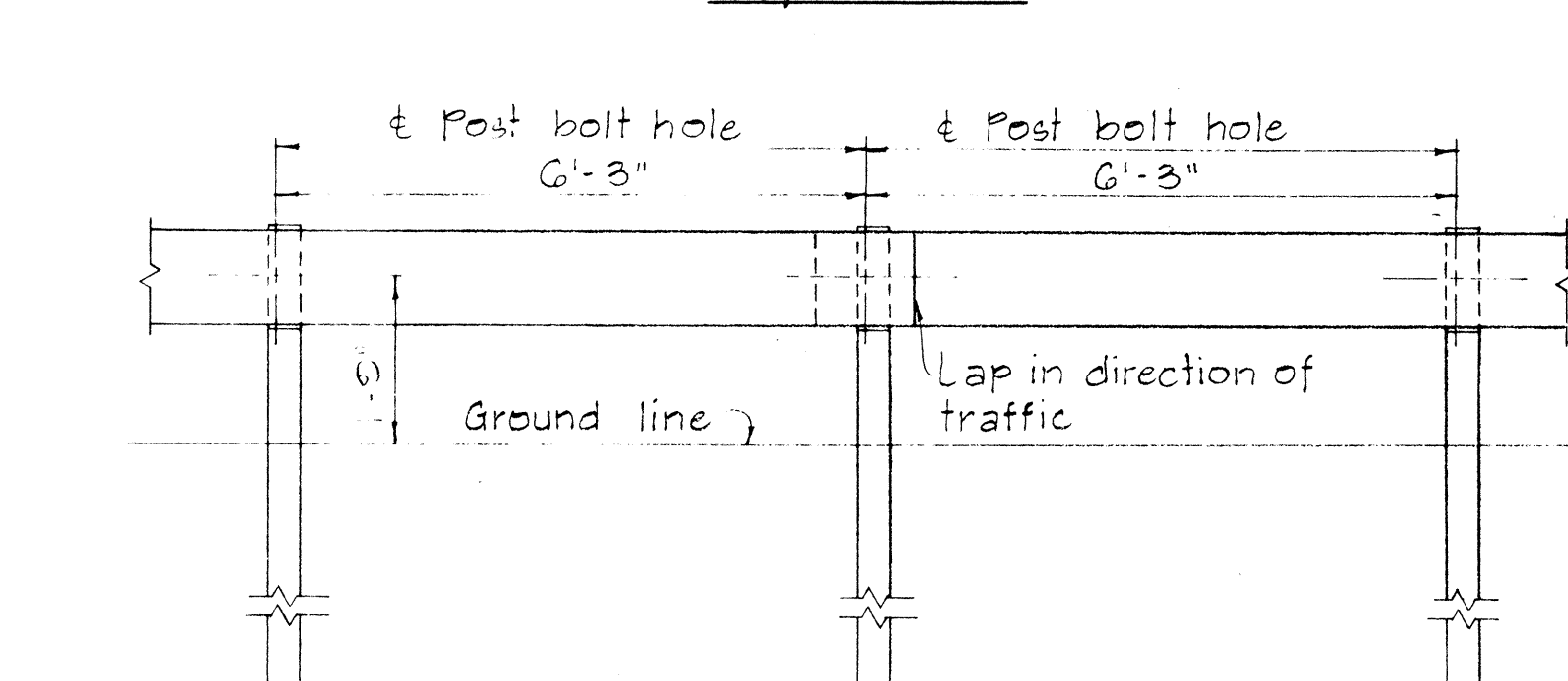
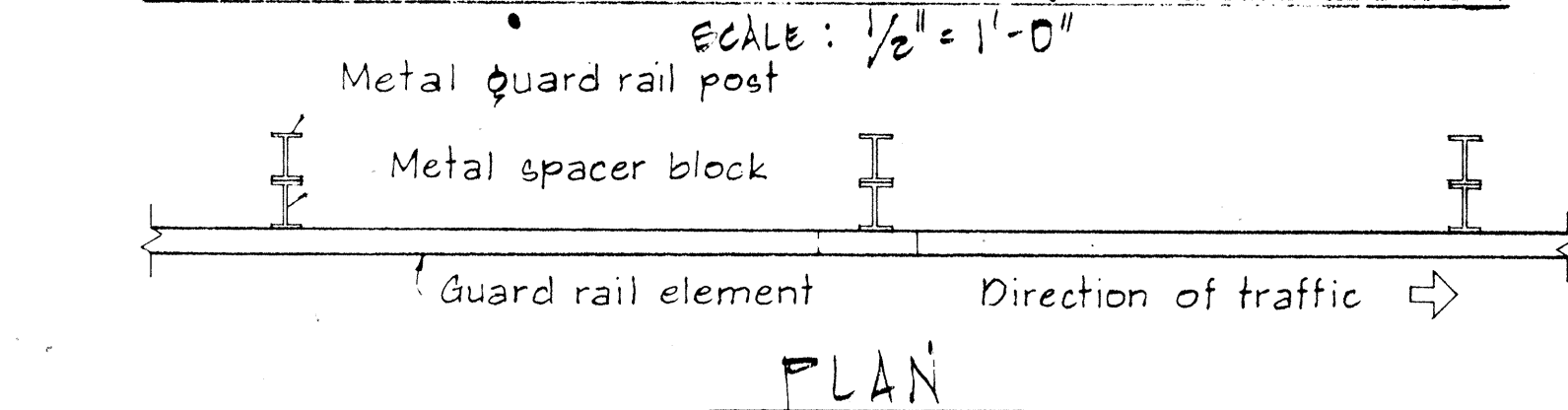
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	1-H3-1(23)11 1-H3-1(2)11	1970	31	224



NOTE:
Concrete post shall be precast

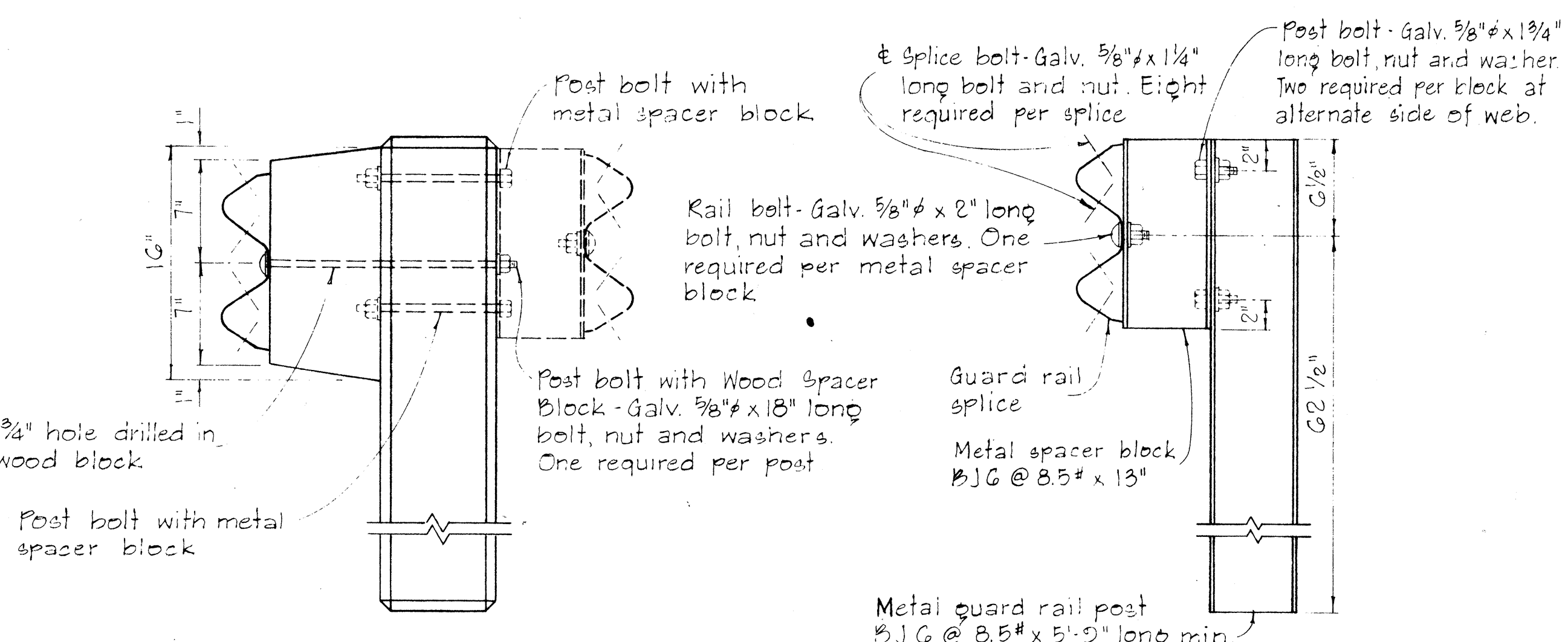


METAL GUARD RAIL ON CONCRETE POST WITH WOOD OR METAL SPACER BLOCK.

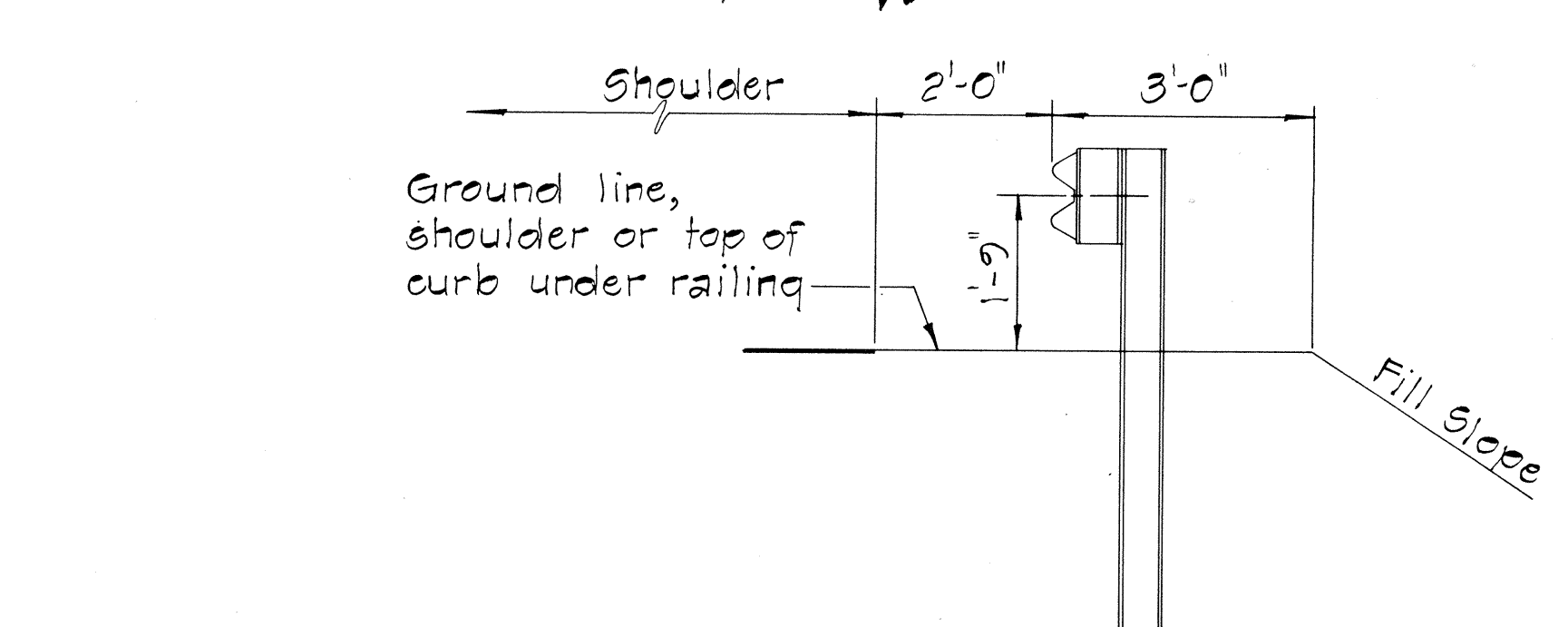


METAL GUARD RAIL ON METAL POST WITH METAL SPACER BLOCK

NO.	REVISION	APPROVED BY	DATE



DETAIL OF CONCRETE POST
SINGLE METAL GUARD RAIL ON METAL POST WITH METAL SPACER BLOCK

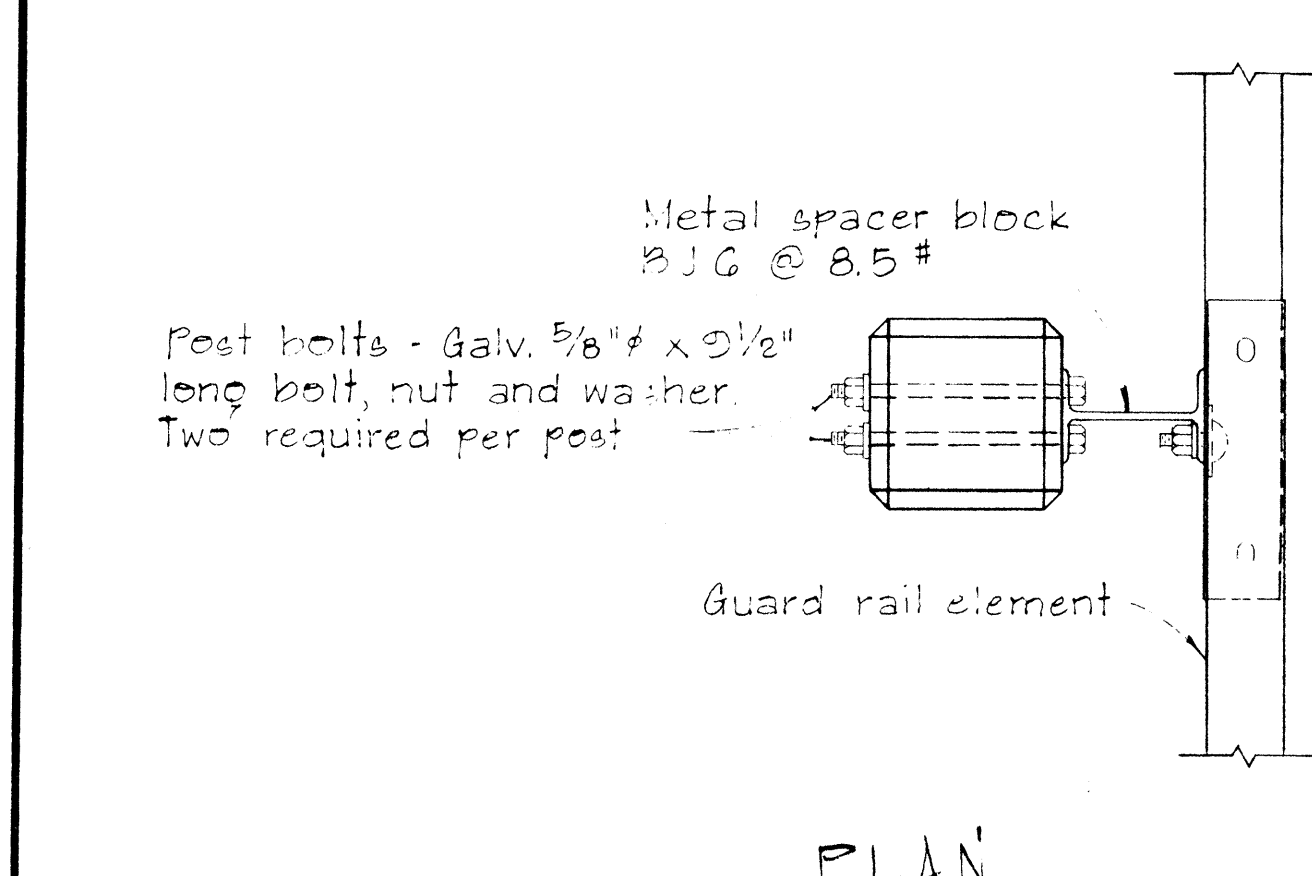


AT SHOULDER SECTION
TYPICAL METAL GUARD RAIL DETAIL

APPROVAL RECOMMENDED:
Erich Tanaka
TRAFFIC ENGINEER 12/23/62 DATE

APPROVED:
Hubert J. ...
ASSISTANT CHIEF, ENGINEERING 12-30-69 DATE

SINGLE METAL GUARD RAIL ON PRECAST CONCRETE POST WITH WOOD OR METAL SPACER BLOCK.



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

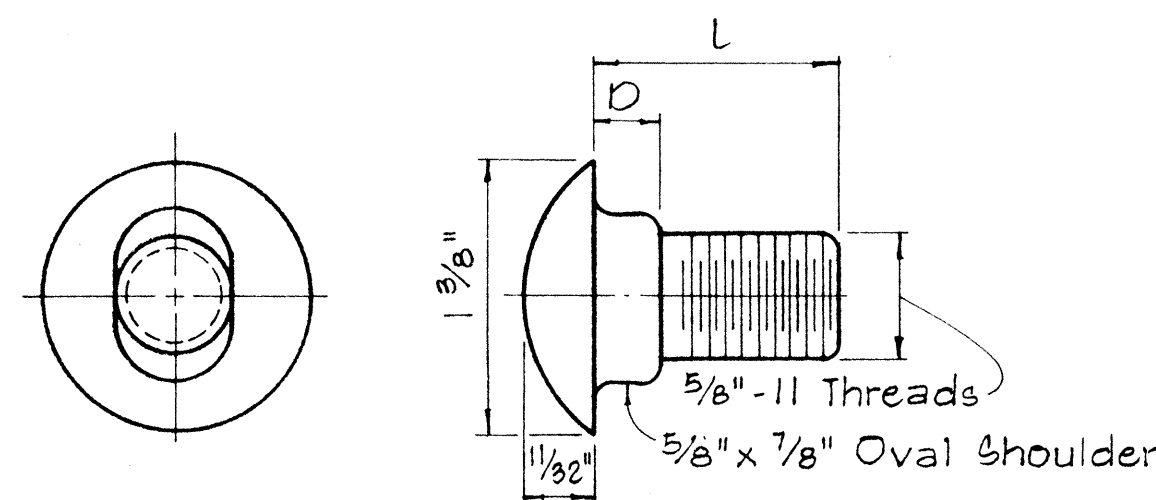
STANDARD DETAILS
METAL GUARD RAIL

SCALE: AS SHOWN NOV. 1968

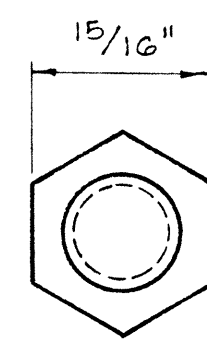
BOLT DIMENSIONS		
TYPE A BOLT		
	D	L
Splice Bolt	5/16"	1 1/4"
Post Bolt for Conc. Post w/ Double Wood Blocks	3/32"	24"
Post Bolt for Conc. Post w/ Single Wood Block	3/32"	18"
Rail Bolt for Metal Block	3/32"	2"

BOLT DIMENSIONS	
TYPE B BOLT	
	L
Post Bolt for Conc. Post w/ Metal Blocks	5 1/2"
Post Bolt for Metal Post w/ Metal Block	1 3/8"

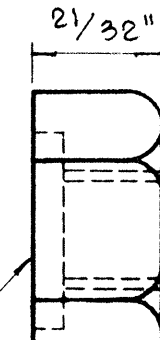
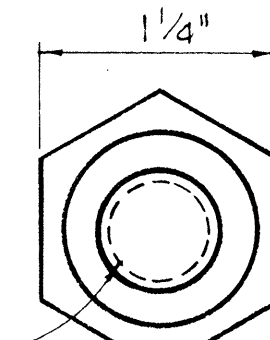
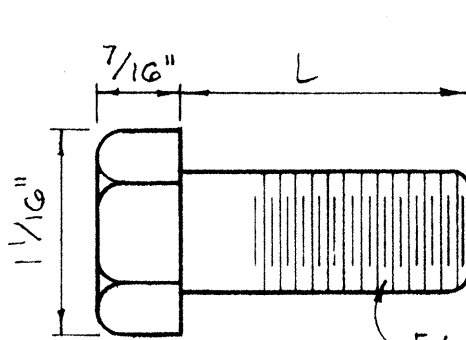
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	1-H2-1(23)-11 1-H2-1(23)-11	1970	32	224



TYPE A BOLT



TYPE B BOLT



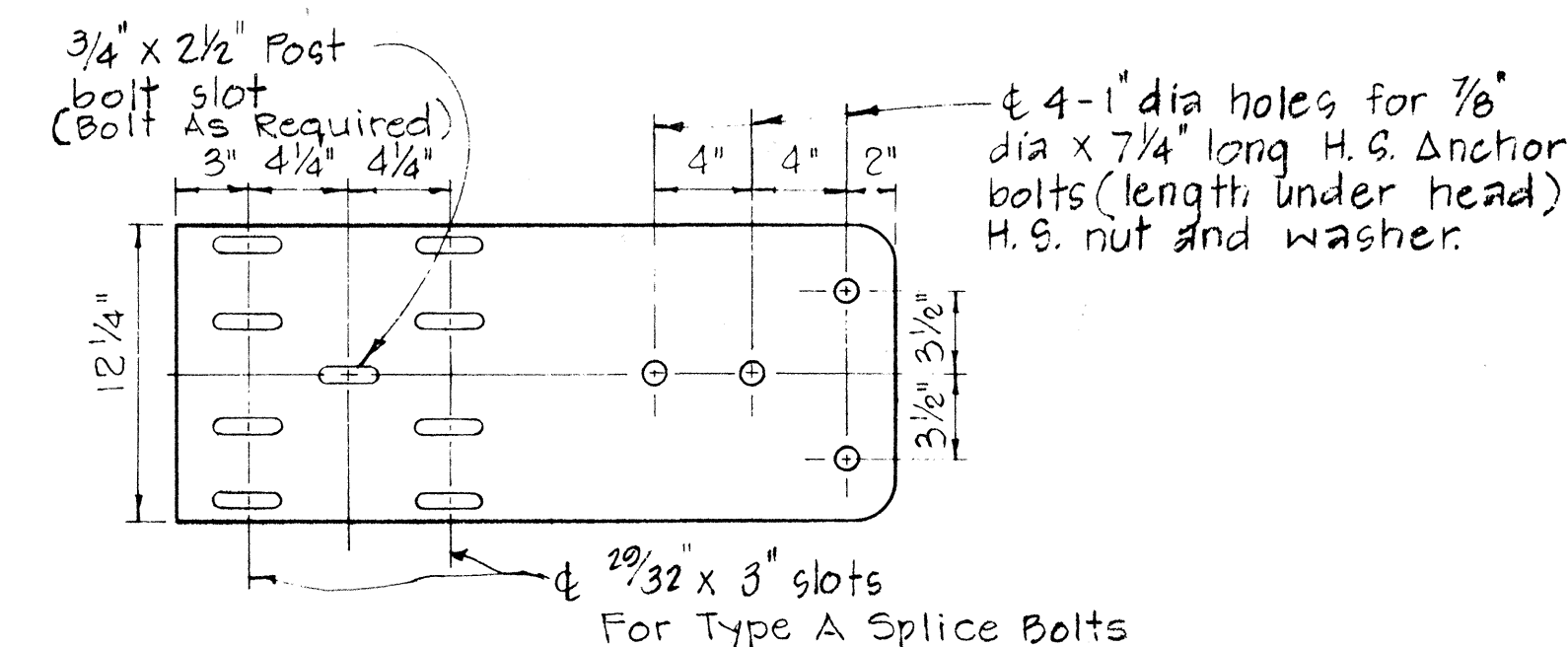
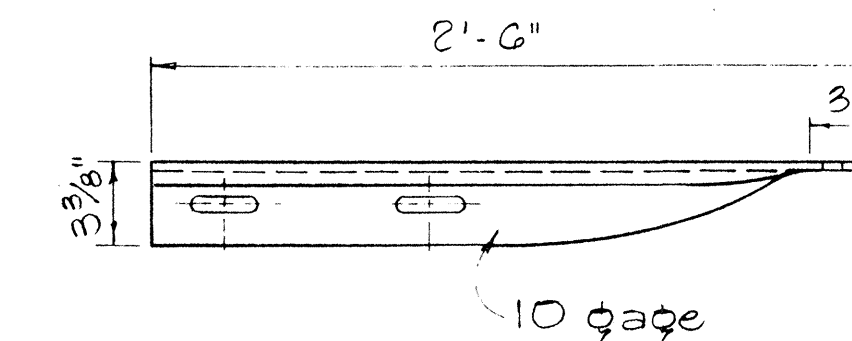
5/32" Deep x 15/16" Dia. C' Bore for Type A Bolt only.
Plain nut for Type B Bolt.

HEXAGON NUT

Scale: Full Size

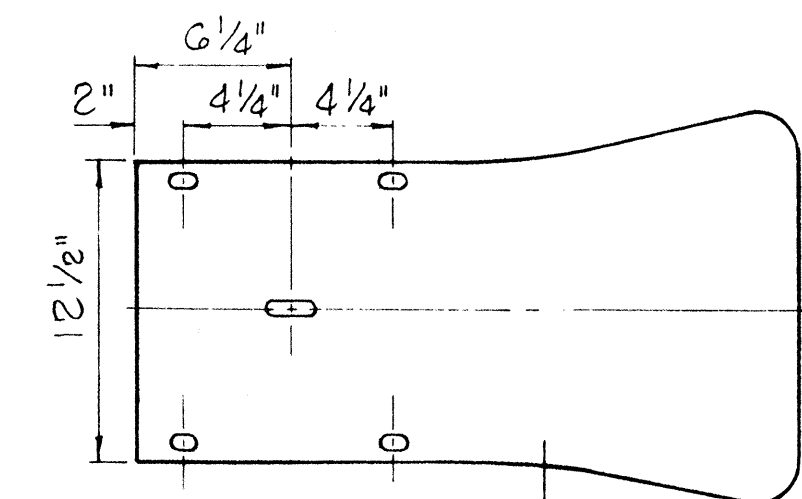
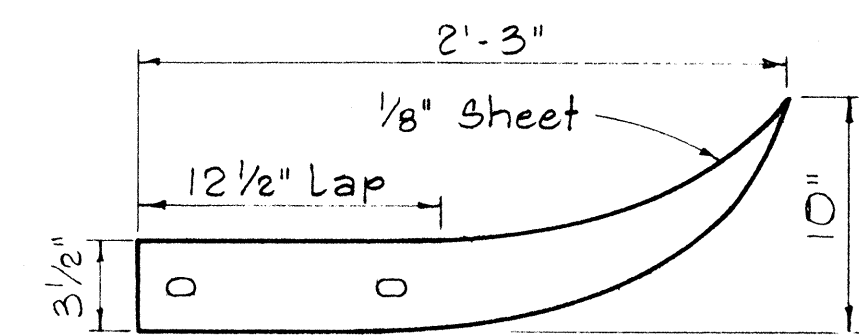
SPUCE RAIL AND POST BOLTS

Scale: Full Size



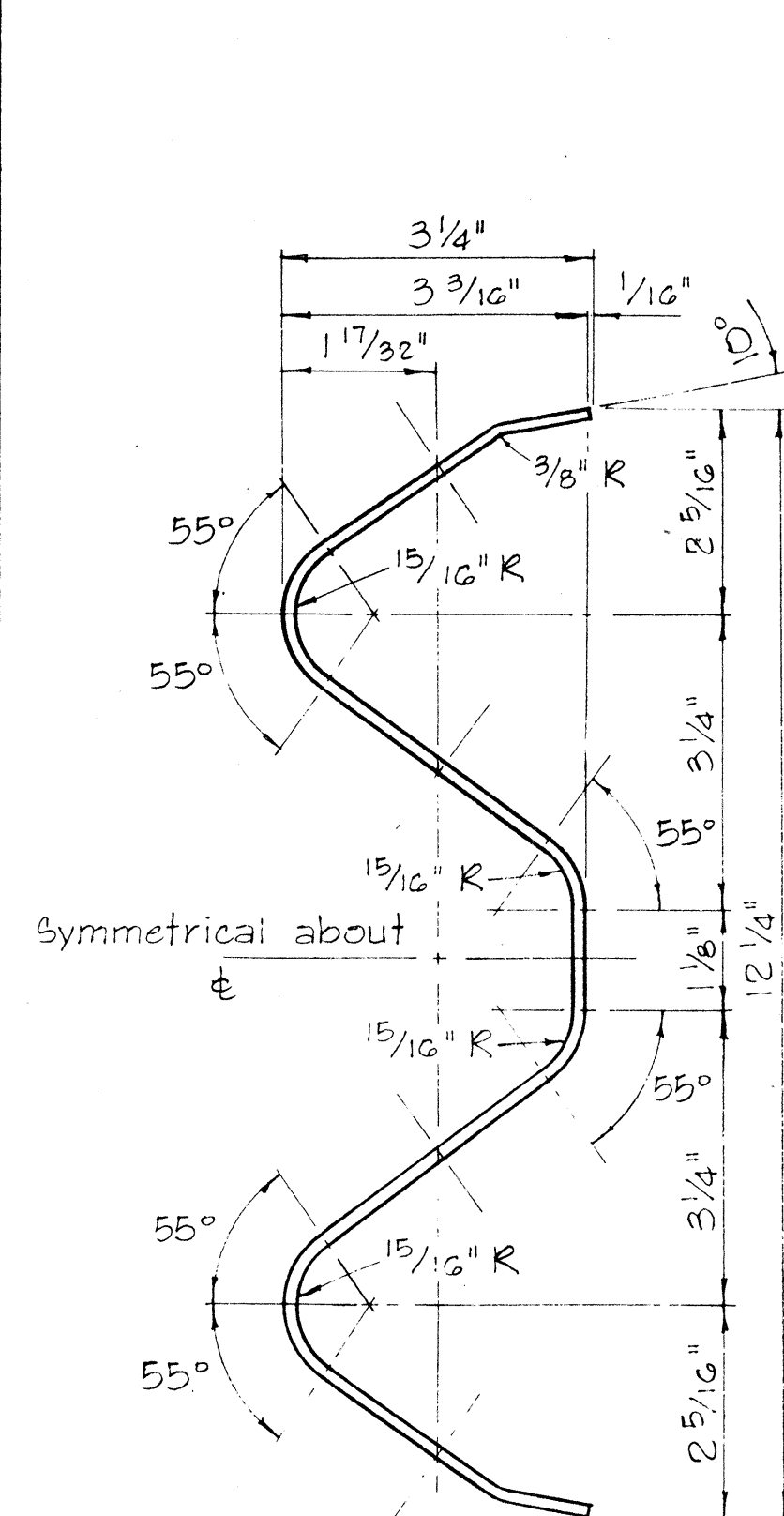
SPECIAL END SHOE

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



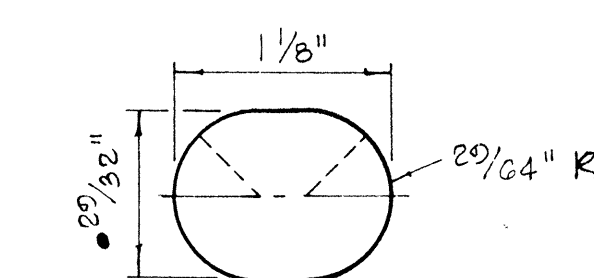
FLARED END

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



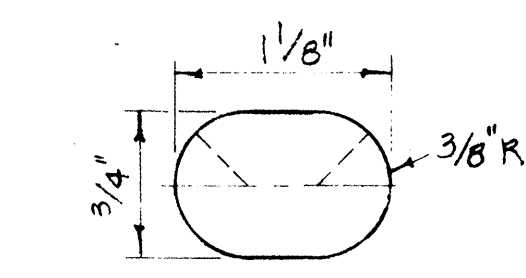
RAIL ELEMENT SECTION

Scale: 6" = 1'-0"

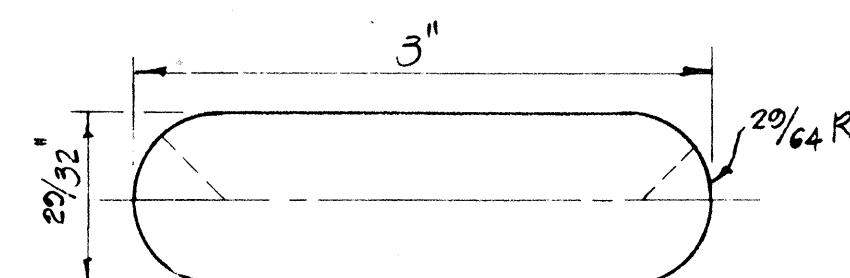


SPUCE BOLT SLOT

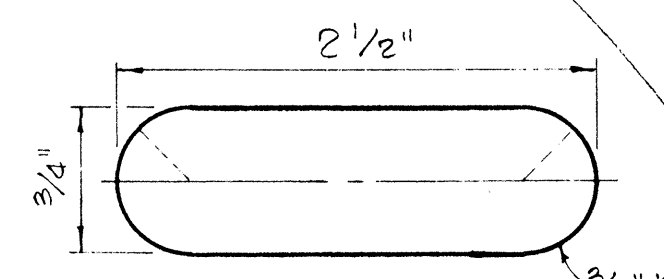
Scale: Full Size



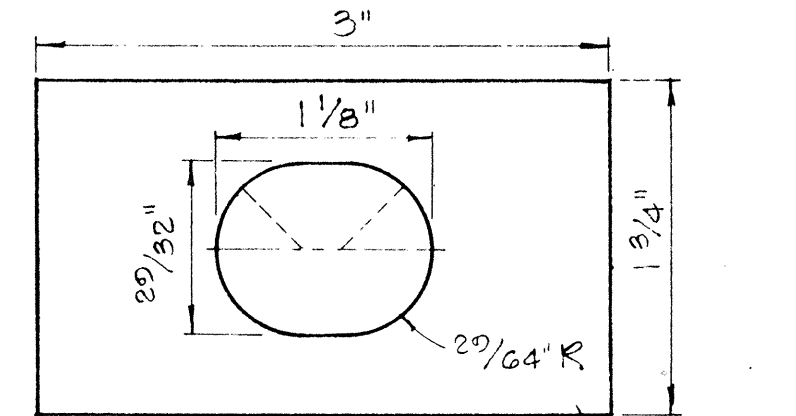
SPUCE BOLT SLOT FOR ALL ENDS



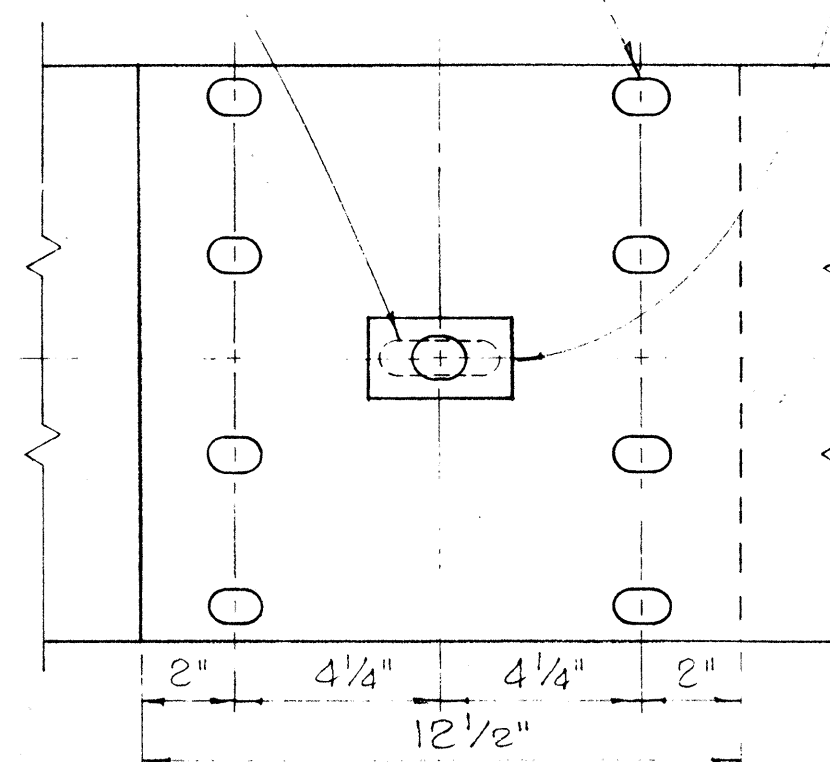
SPUCE BOLT SLOT FOR SPECIAL END SHOE



POST BOLT SLOT



RAIL WASHER



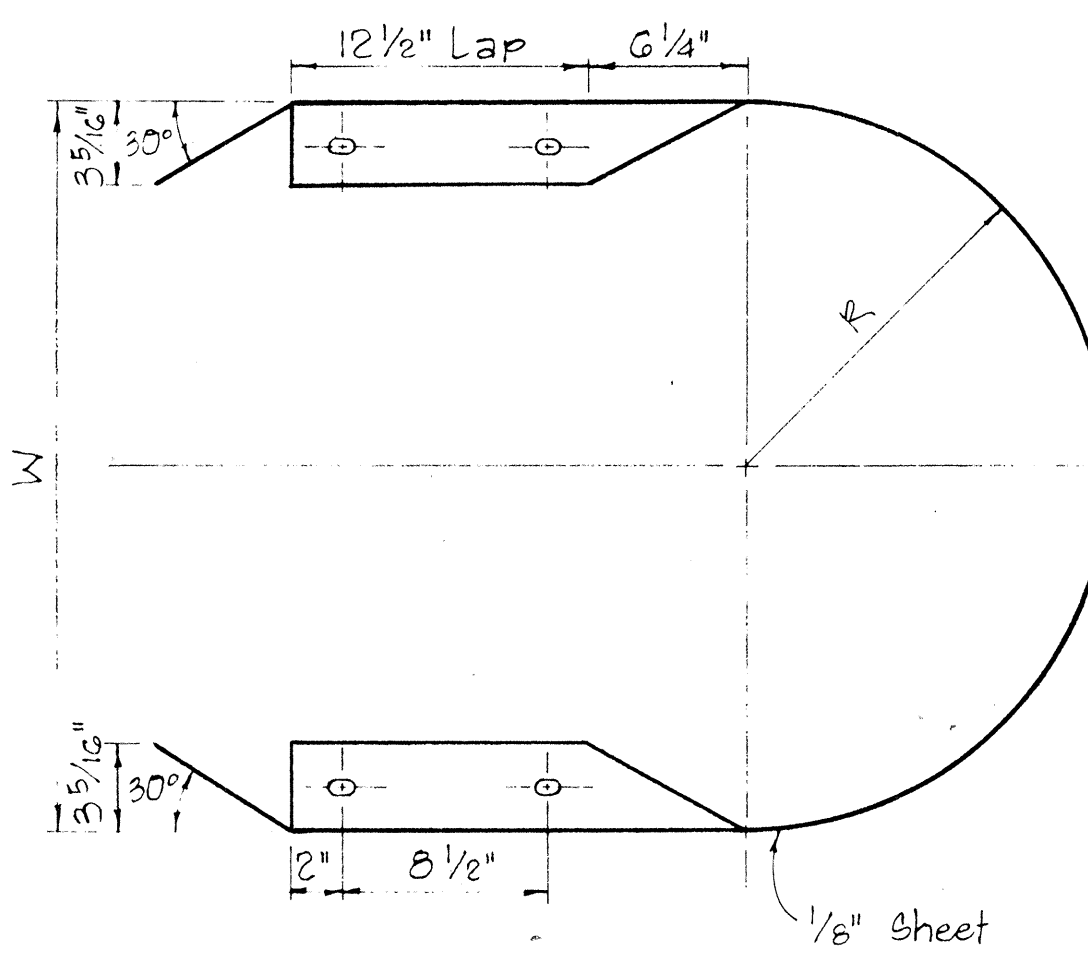
RAIL SPLICE

Scale: 3" = 1'-0"

NOTES:

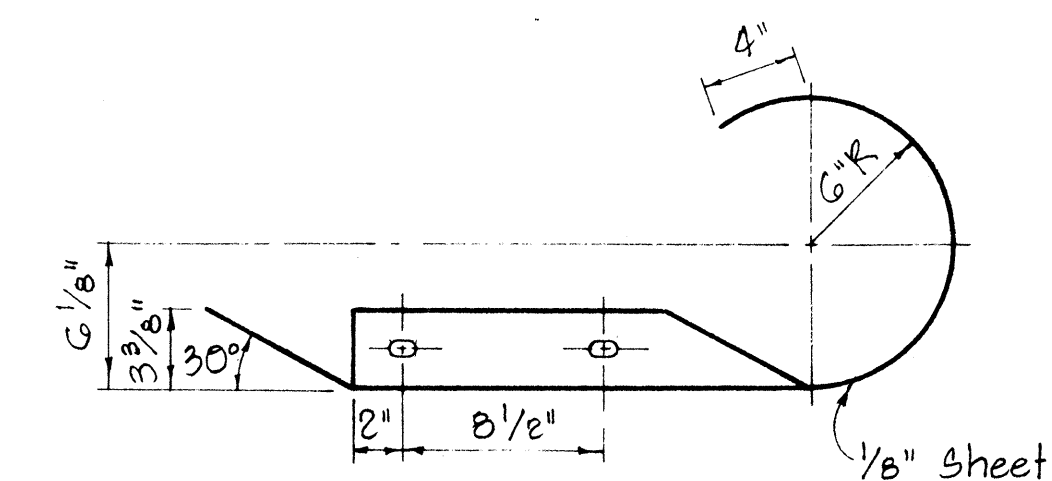
1. H.S. Bolts shall conform to the requirements of ASTM A 325.
2. Special End Shoe shall be fabricated from 10 Gage steel conforming to the requirements of AASHTO 180.

MEDIAN END DIMENSIONS		
TYPE OF POST AND BLOCK	W	R
Double Metal Guard Rail on Concrete Post with Wood Blocks	29 3/4"	14 7/8"
Double Metal Guard Rail on Concrete Post with Metal Blocks (BJG)	26 1/2"	13 1/4"
Double Metal Guard Rail on Metal Post with Metal Blocks (BJG)	24 3/8"	12 3/16"



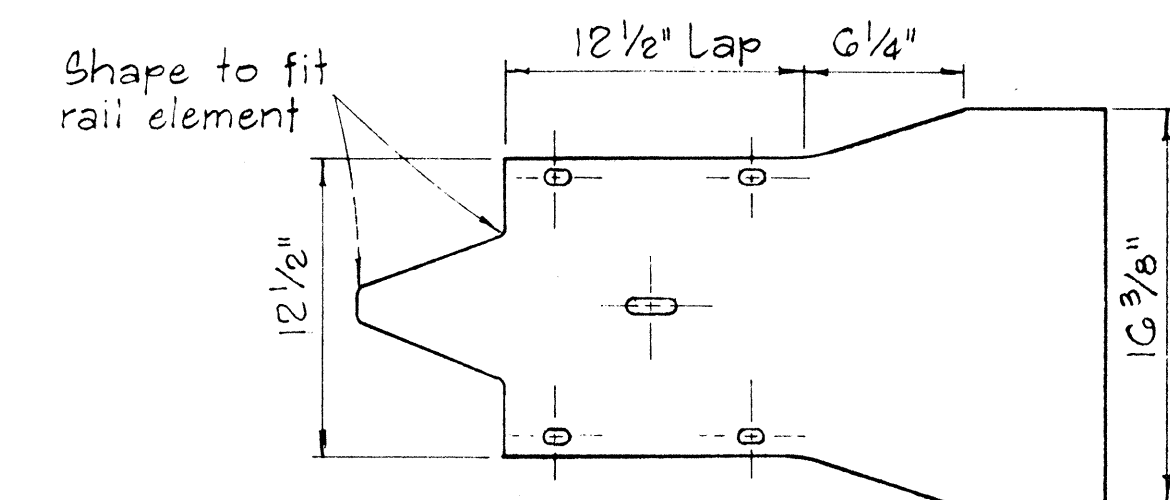
MEDIAN END

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



CURVED END

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



APPROVAL RECOMMENDED:
TRAFFIC ENGINEER
APPROVED:
ASSISTANT CHIEF, ENGINEERING

12/29/69
DATE
12-30-69
DATE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

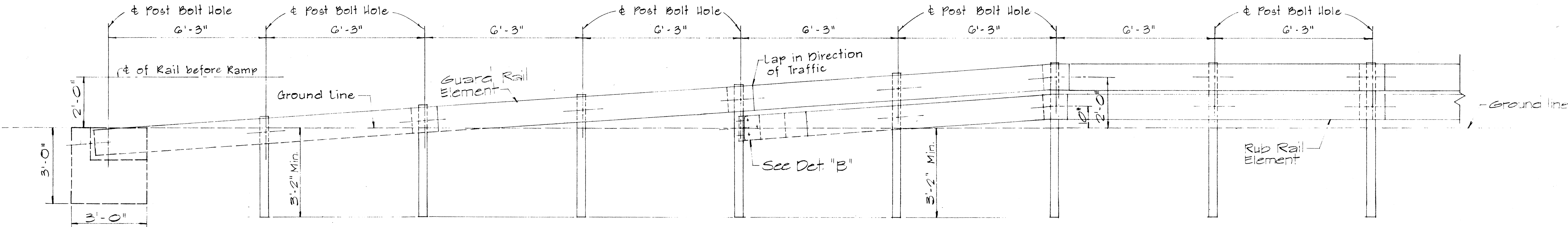
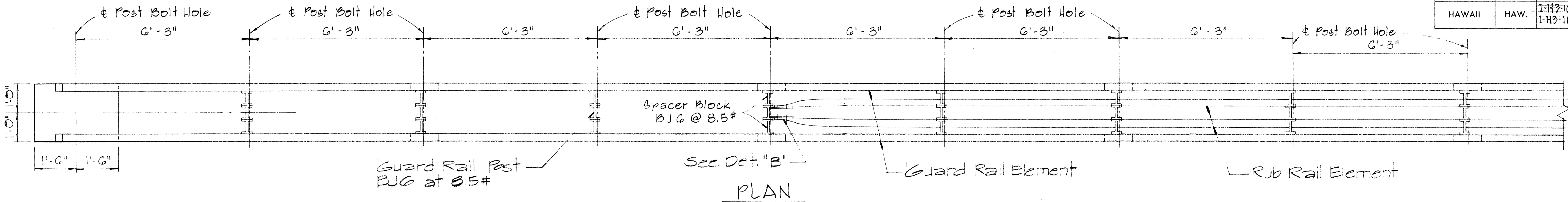
STANDARD DETAILS
METAL GUARD RAIL

Scale: As Noted August, 1968

SHEET No. 7 OF 15 SHEETS DT 501

DATE	
DESIGNED BY	
TRACED BY	
NOTE BOOK	
QUANTITIES BY	
CHECKED BY	
ORIGINAL	
PLAN	
NO.	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	1-H3-1(23)11 1-H3-1(2)11	1970	33	224

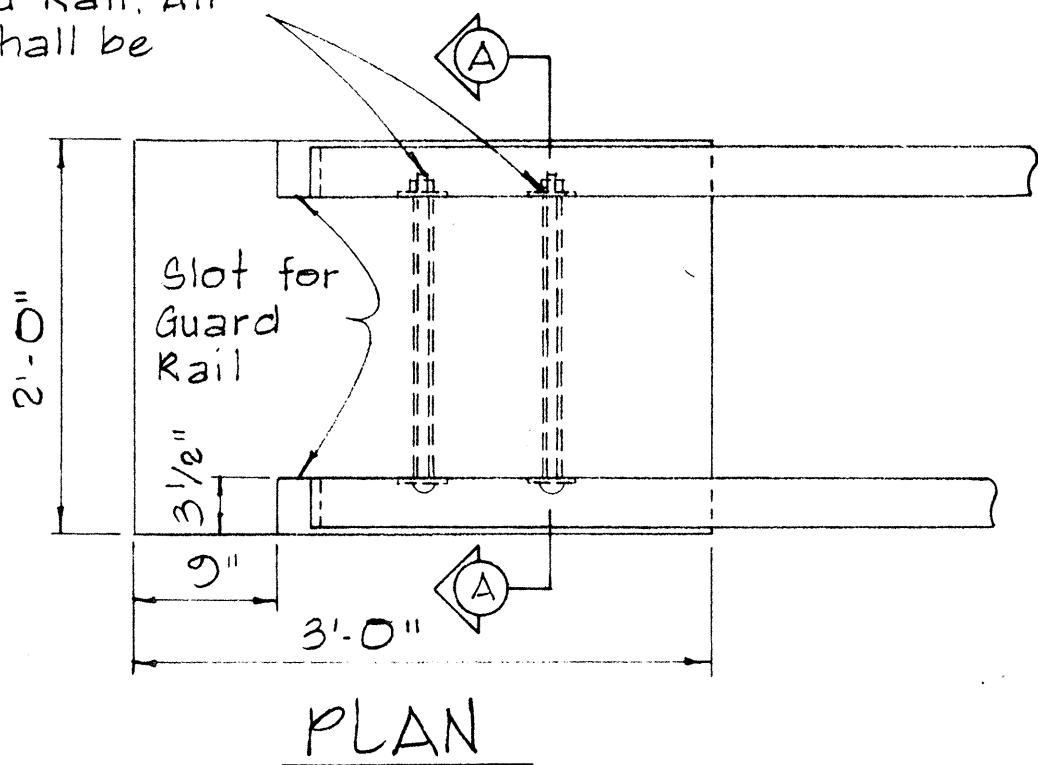


ELEVATION

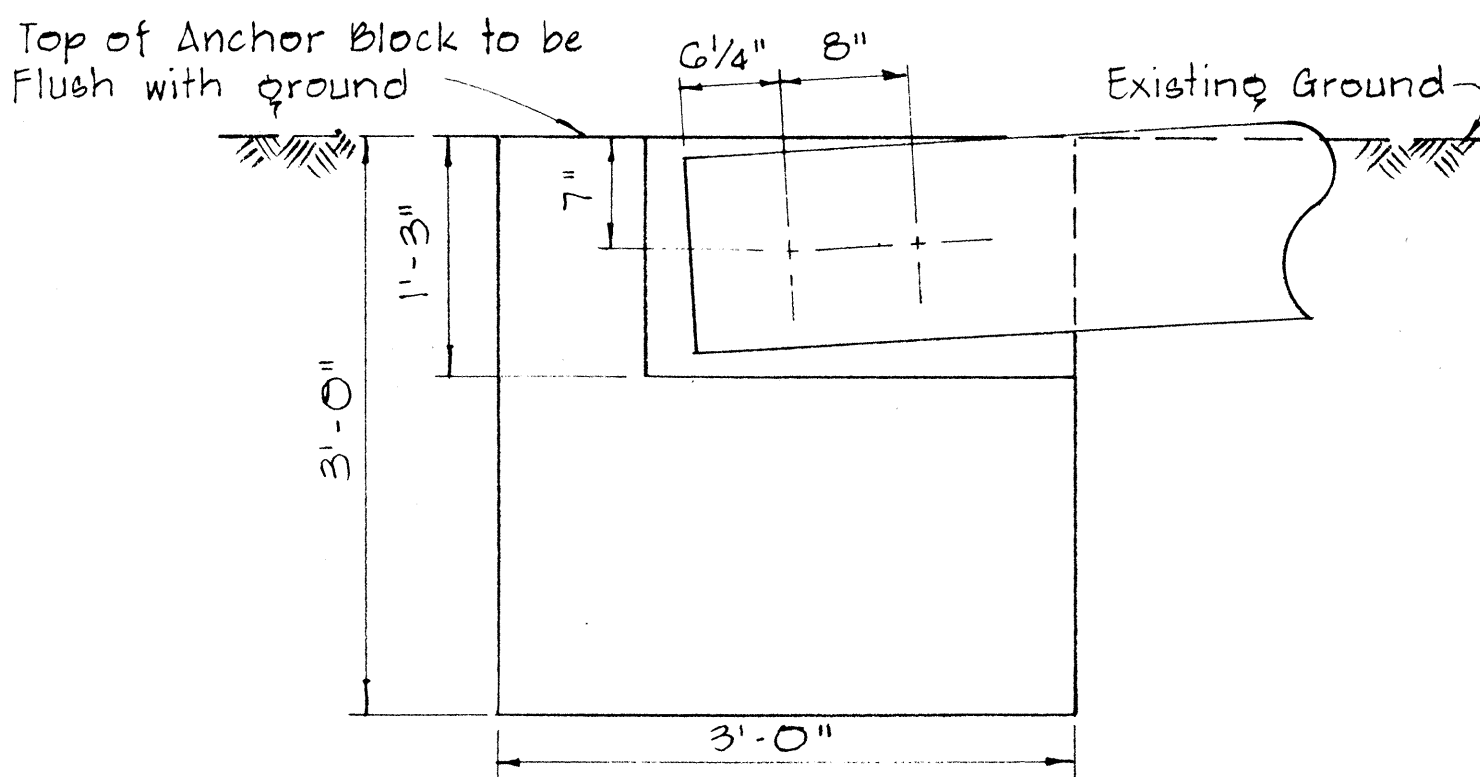
STRAIGHT APPROACH - RAMP END ANCHORAGE (MEDIAN)

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

5/8" Bolts with 3/4" G.I. Pipe Sleeve in each hole. Incidental to Metal Guard Rail. All Metal Pieces shall be Galvanized.



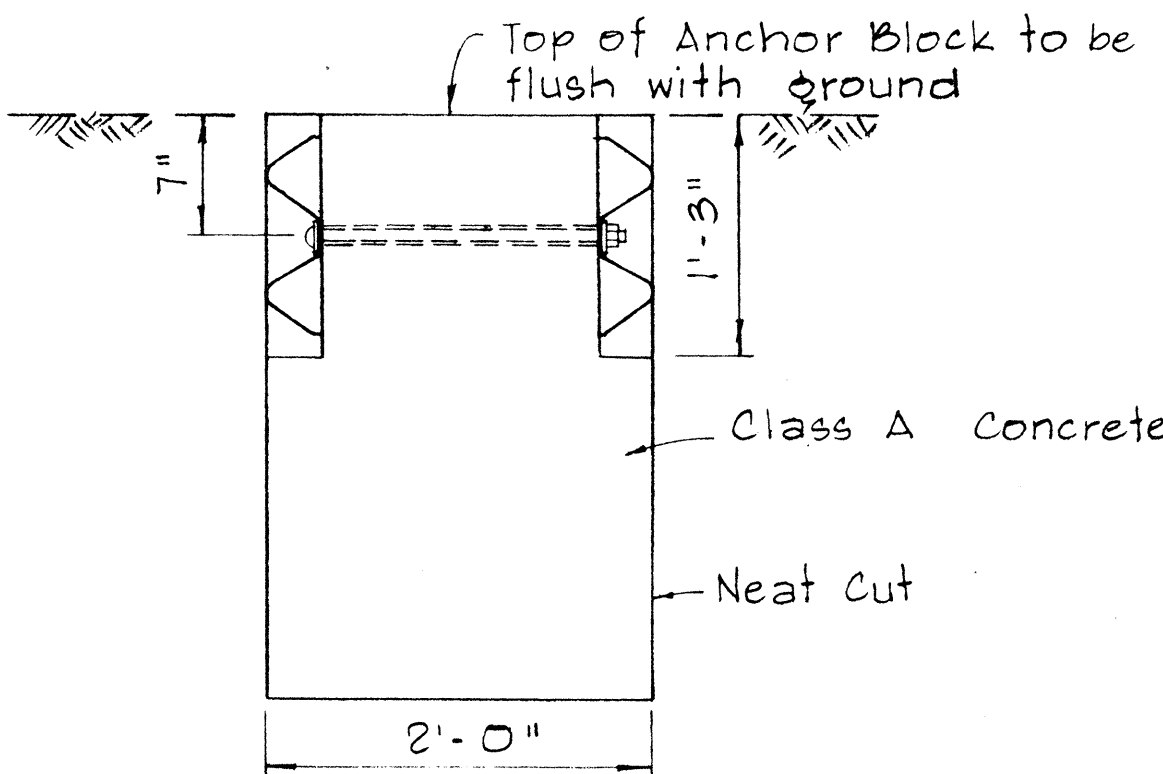
PLAN



ELEVATION

CONCRETE ANCHOR BLOCK FOR RAMP END

Scale: 1"=1'-0"



SECTION A-A

NOTE: Concrete, Excavation, and Miscellaneous Appurtenances necessary to anchor the Guard Rail Ends, shall be incidental to the Metal Guard Rail.

3/4" Dia. holes for 5/8" dia. bolts

Metal Guard Rail Post B/G at 8.5#

10 Gage Special End Shoe, For details, see Sheet DT 501

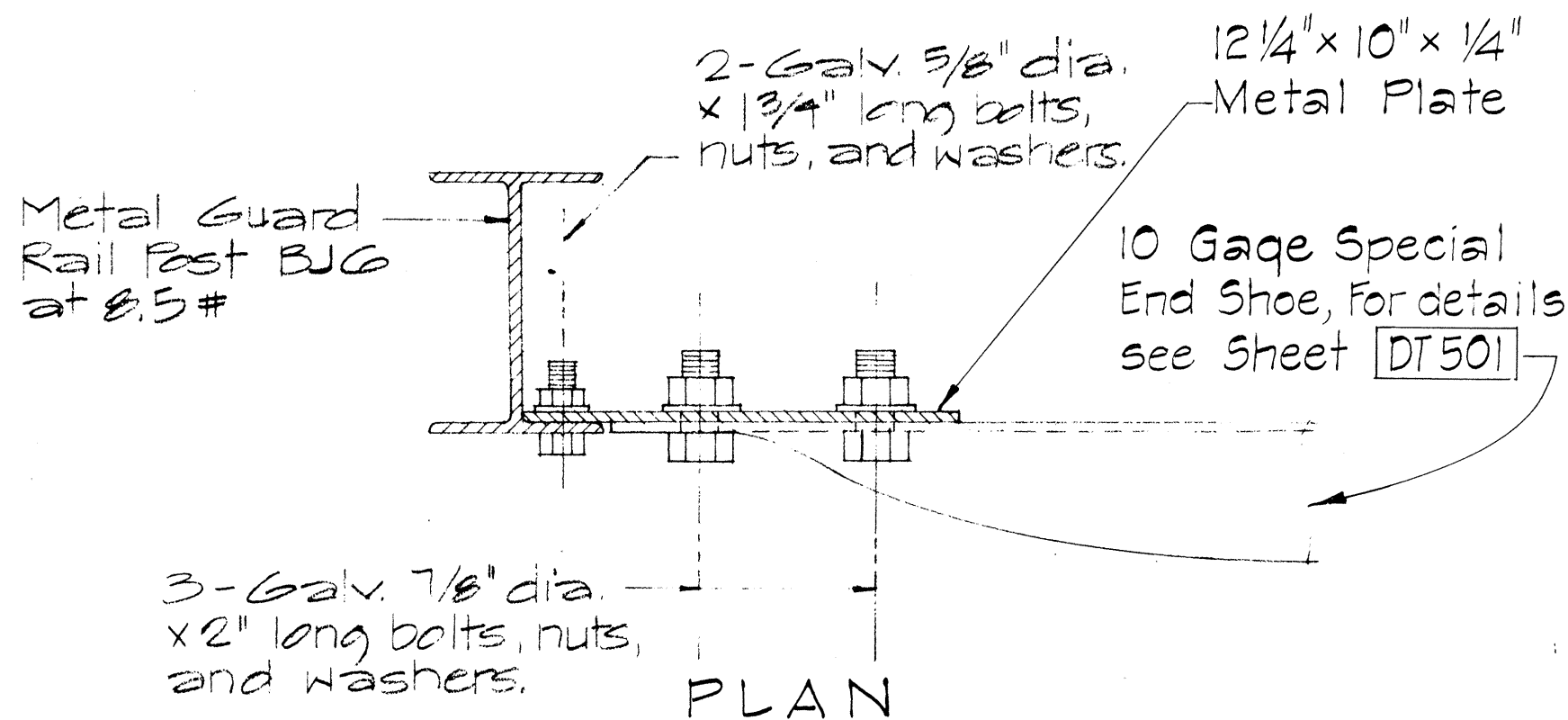
Finish ground

NOTE: All Shoe Assembly, including anchor bolts, nuts, and washers, shall be galvanized.

ELEVATION

DETAIL "B"

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



PLAN

APPROVAL RECOMMENDED:
Traffic Engineer

12/29/69
DATE

APPROVED:
Assistant Chief, Engineering

12-20-69
DATE

NO	REVISION	APPROVED BY	DATE

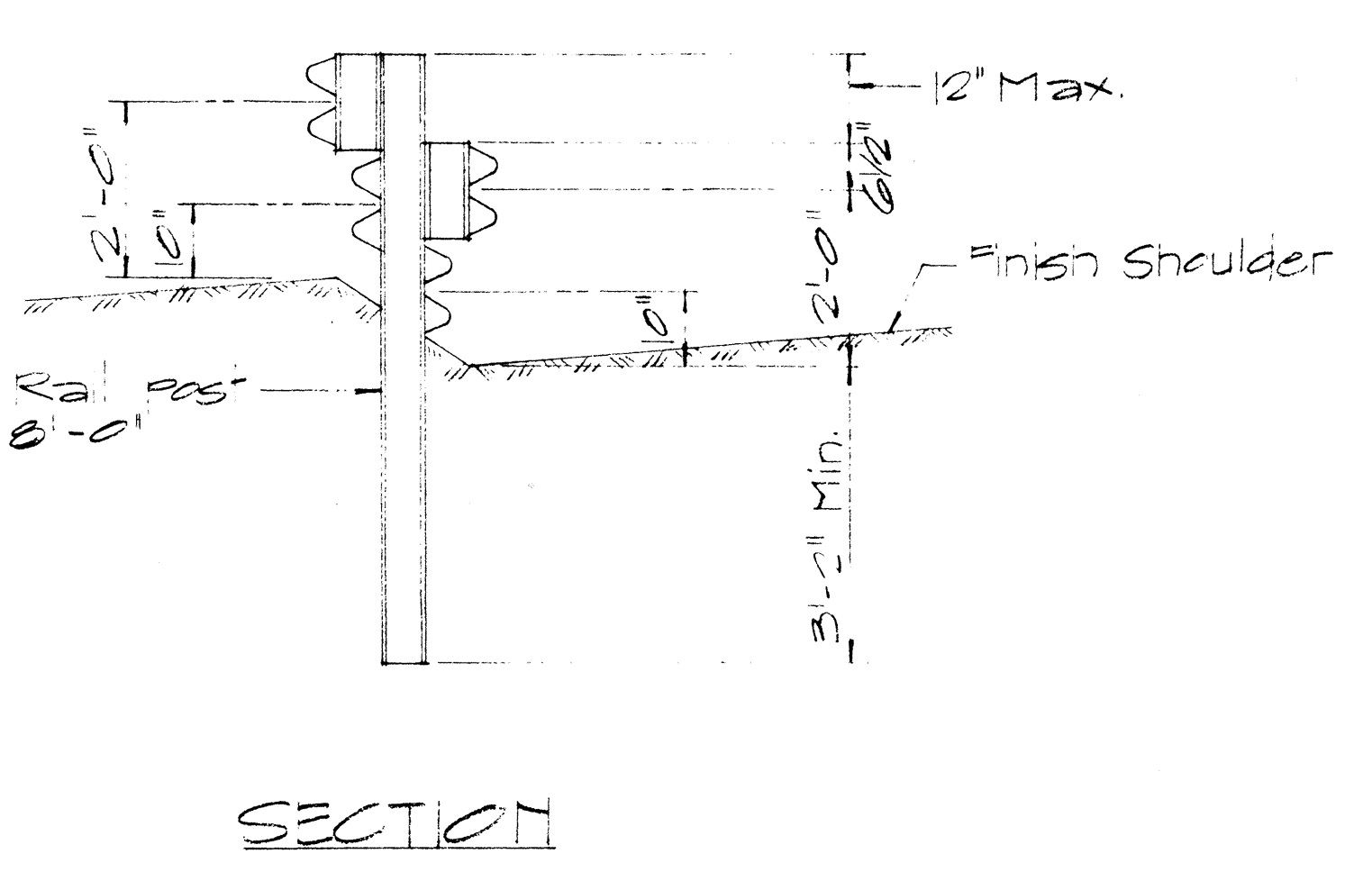
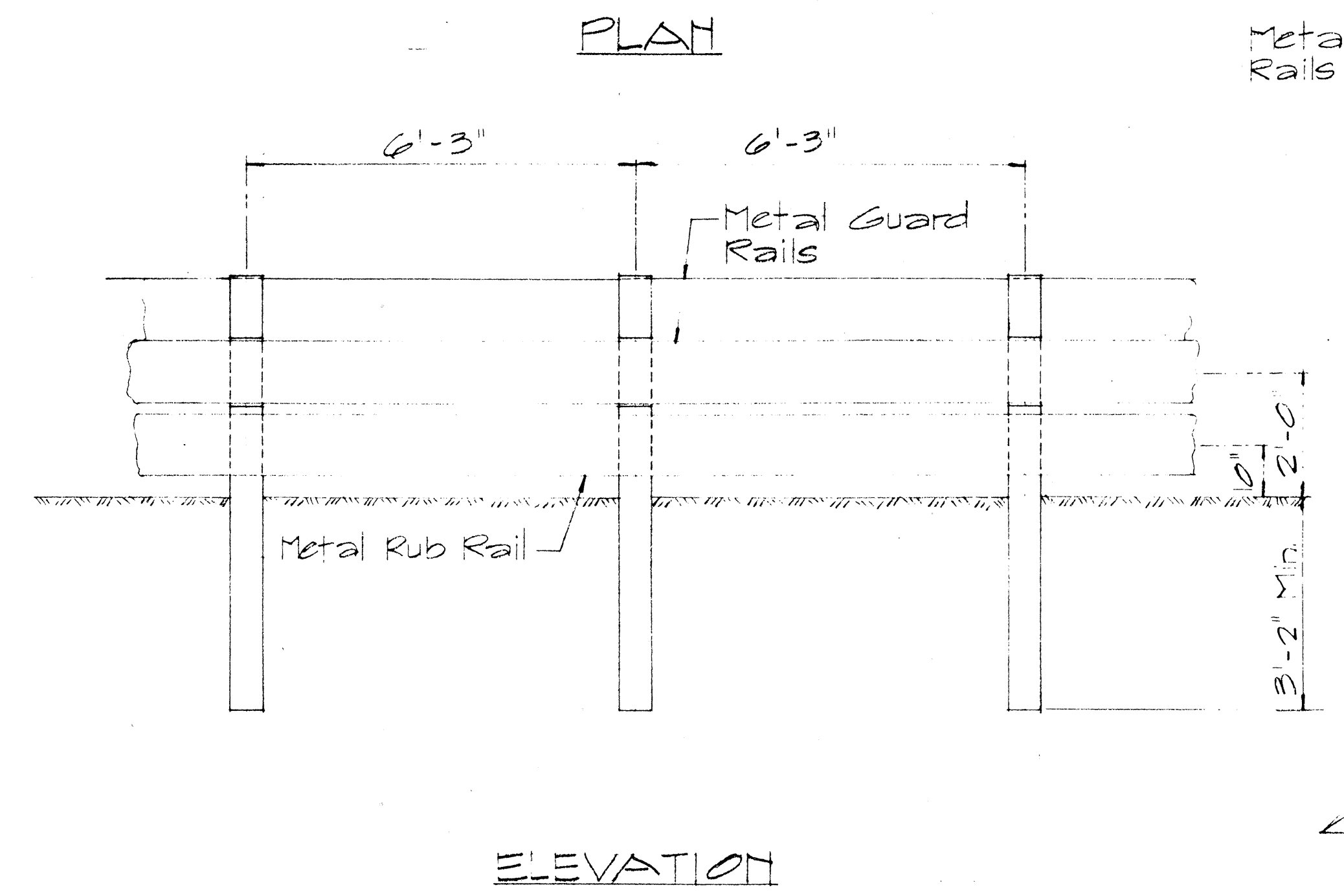
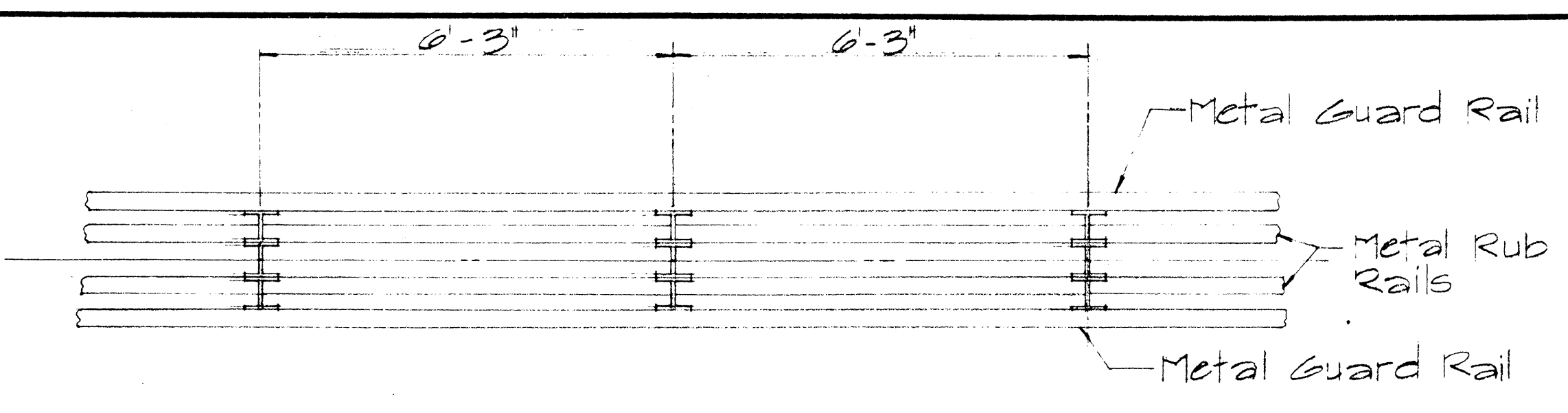
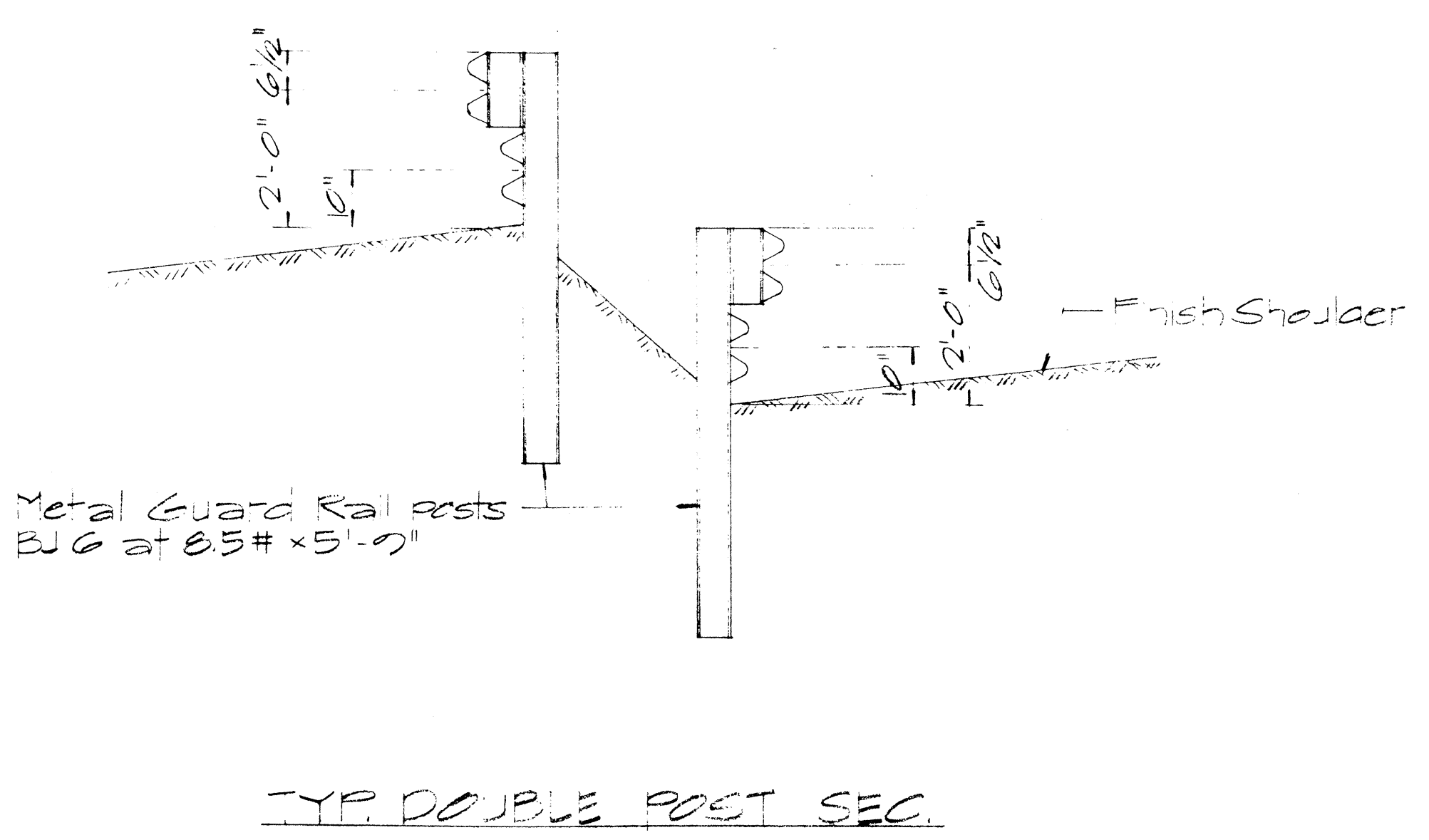
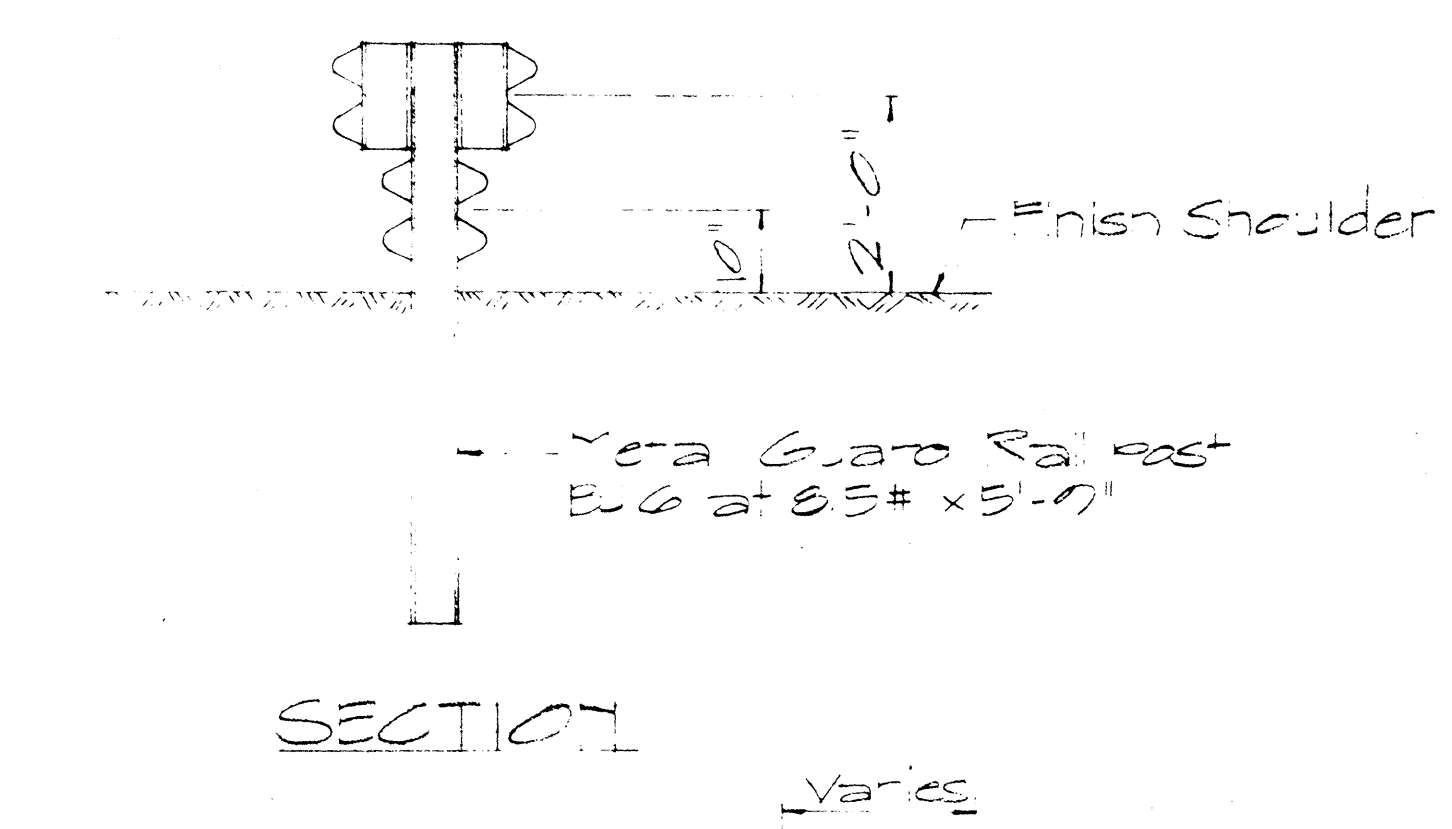
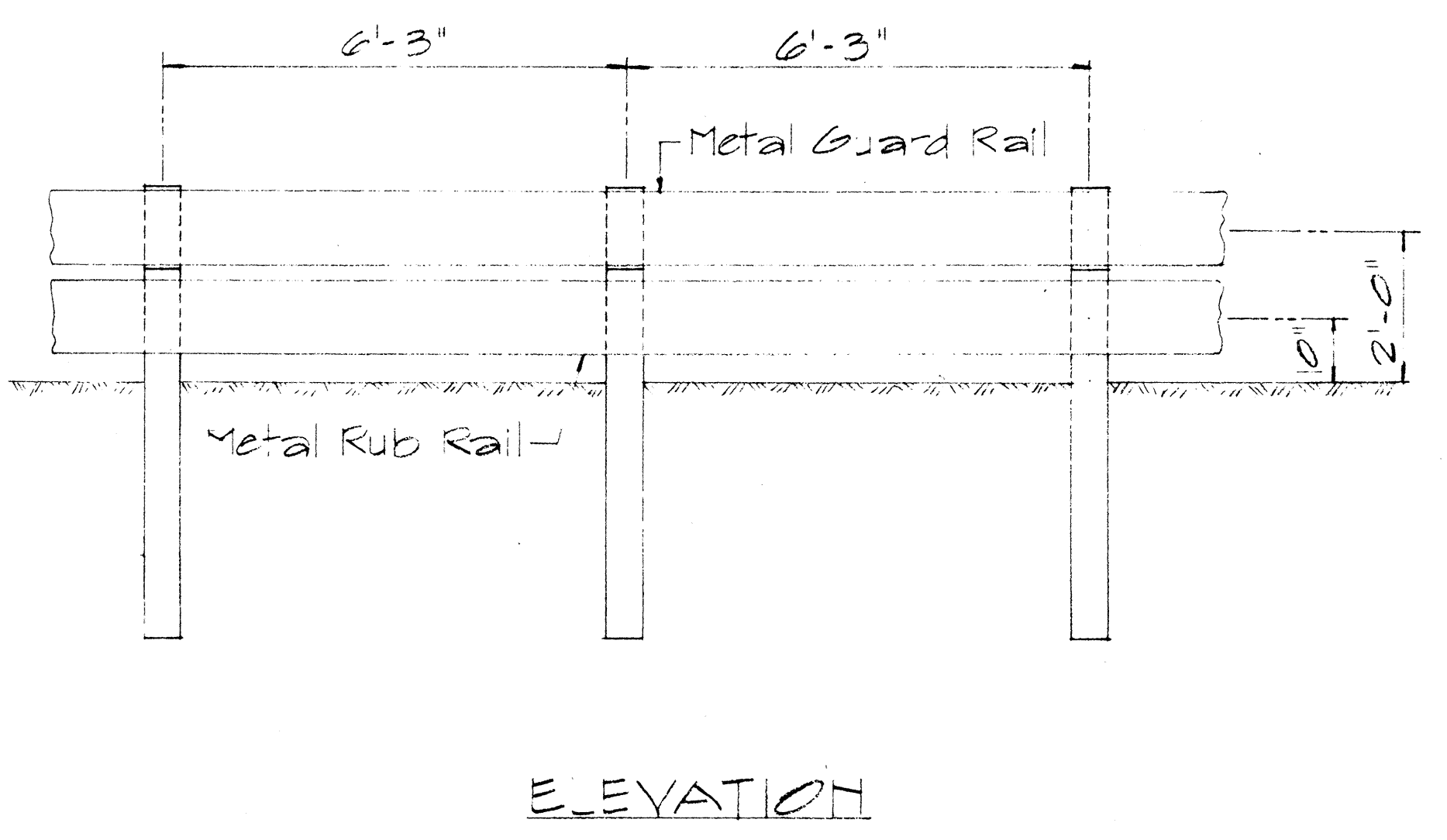
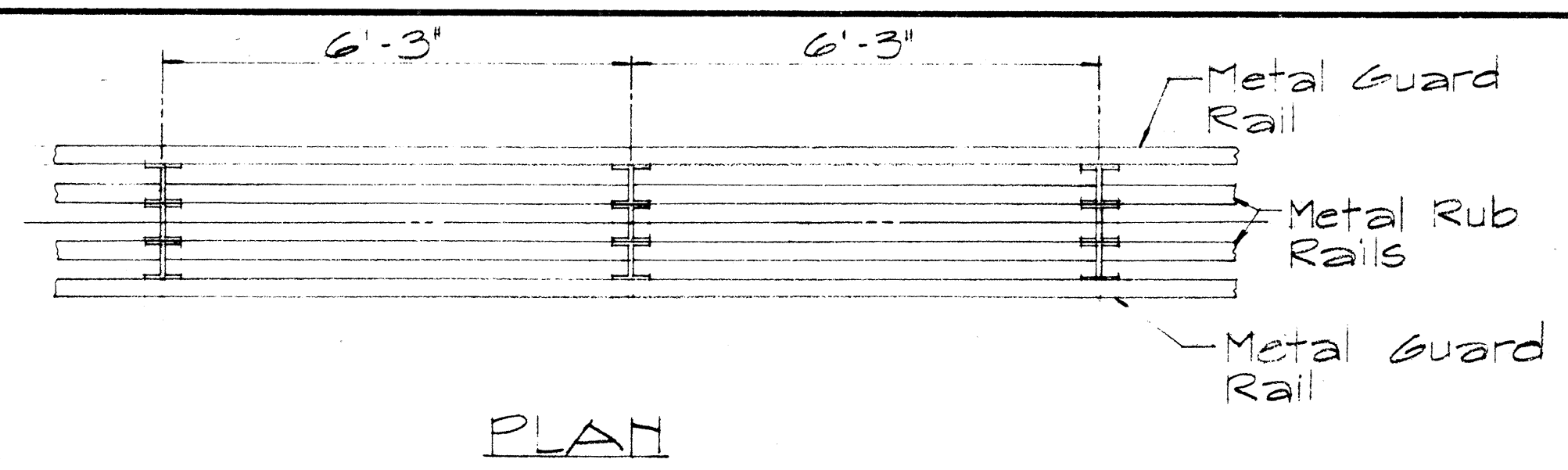
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

STANDARD DETAIL
GUARD RAIL
RAMP END ANCHORAGE

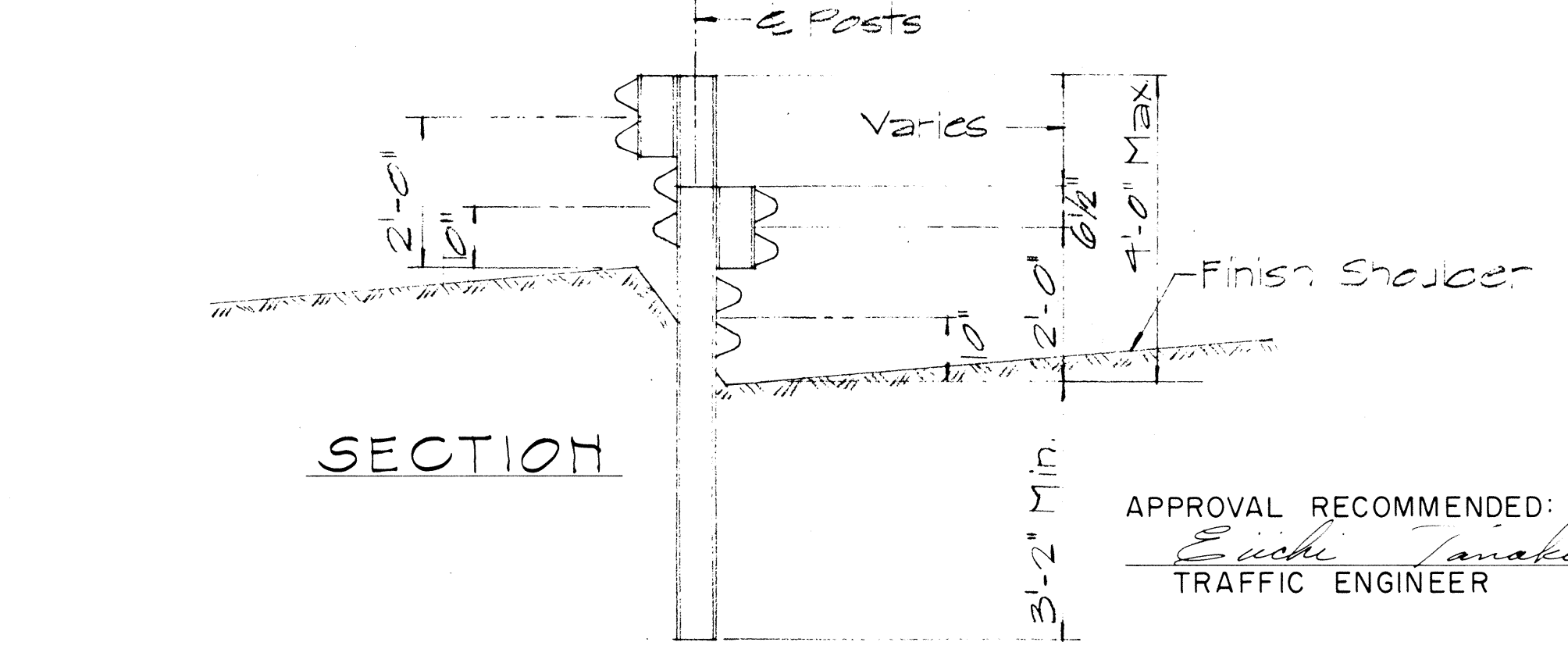
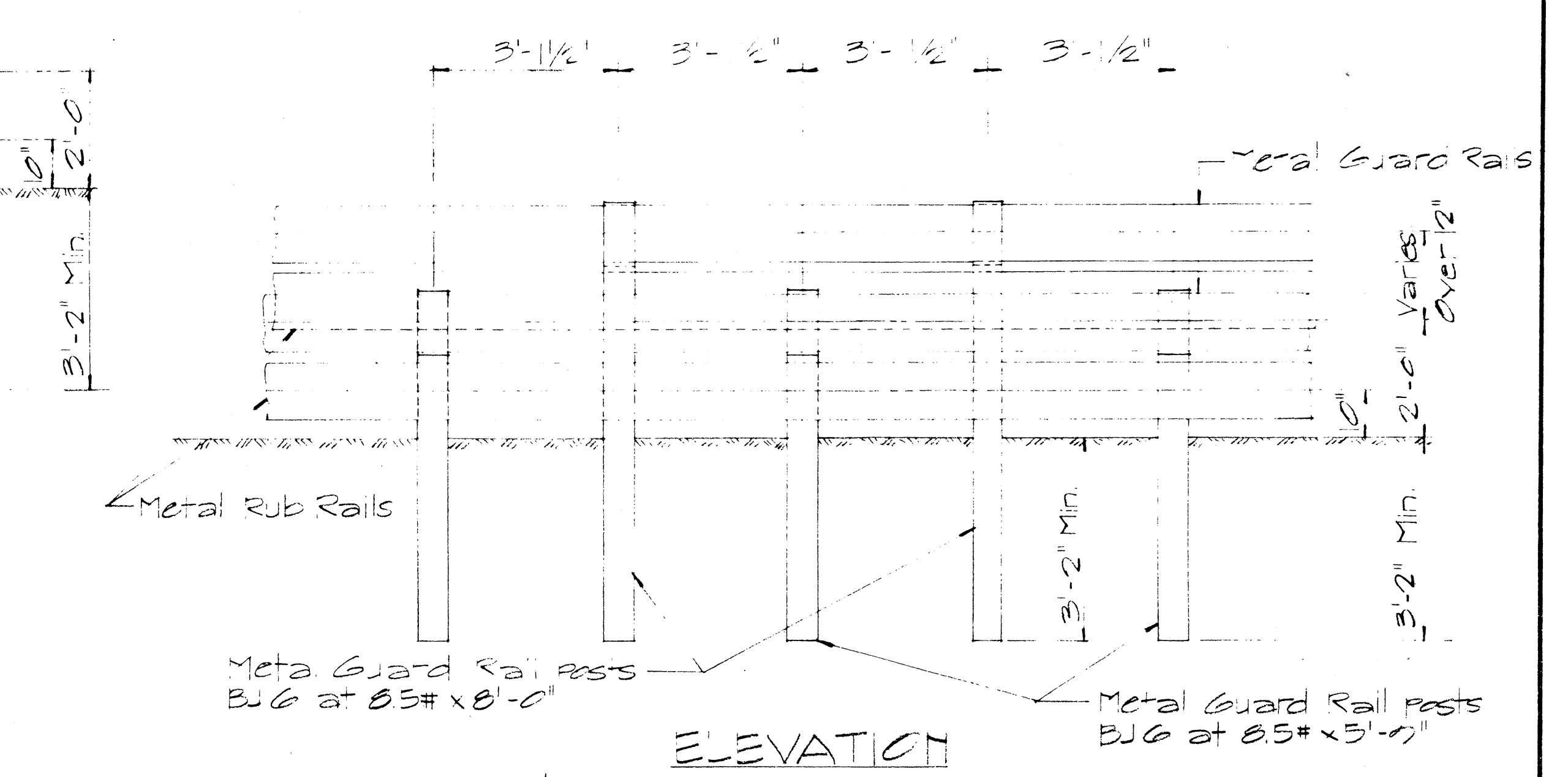
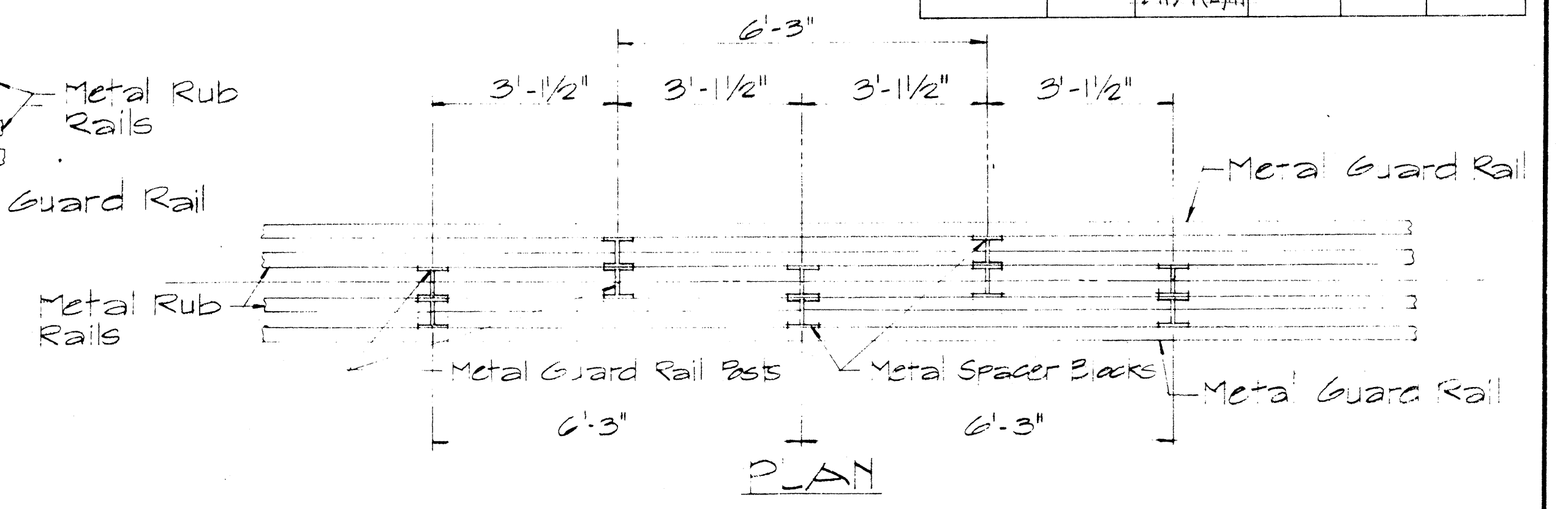
Scale: as Noted August, 1968

SHEET No. 8 OF 15 SHEETS DT 502

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	1-H33(23)11 1-H33(23)11	1970	34	224



TYPICAL SAW TOOTH INSTALLATION
Sc. 1/2" = 1'-0"



TYPICAL STAGGERED INSTALLATION
Sc. 1/2" = 1'-0"

APPROVAL RECOMMENDED:
E. I. Tanaka
 TRAFFIC ENGINEER
 DATE 12/29/69

APPROVED:
W. L. S. S. S.
 ASSISTANT CHIEF, ENGINEERING
 DATE 12-30-69

NO.	REVISION	APPROVED BY	DATE

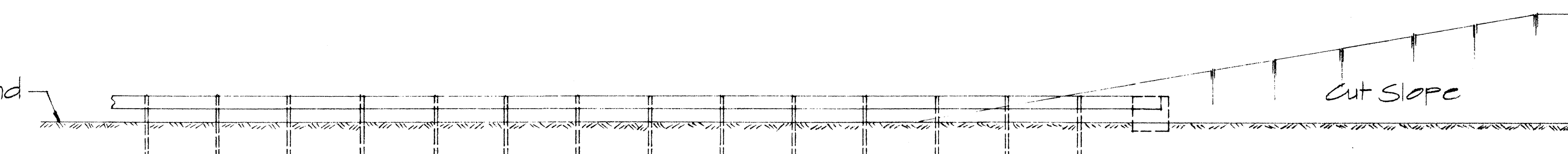
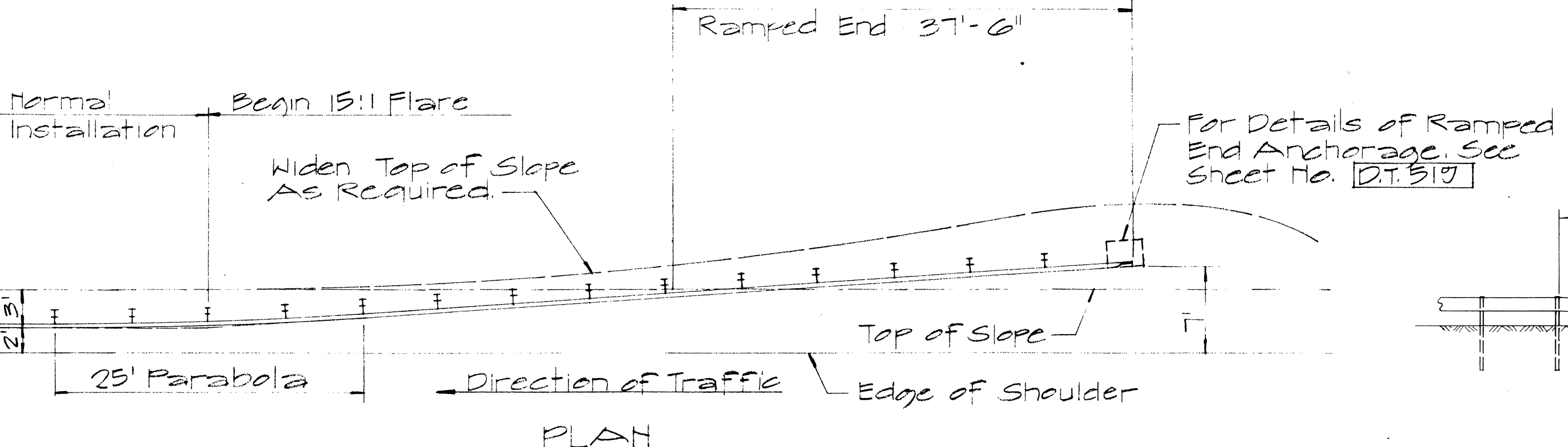
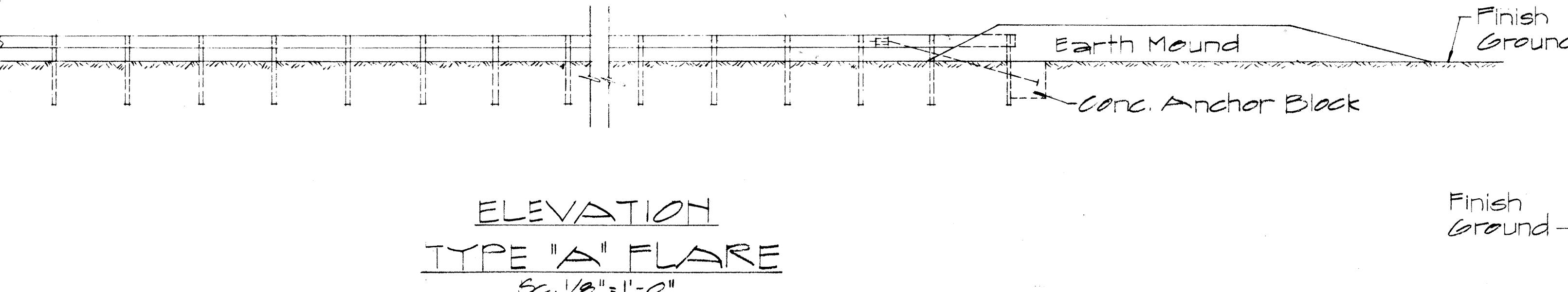
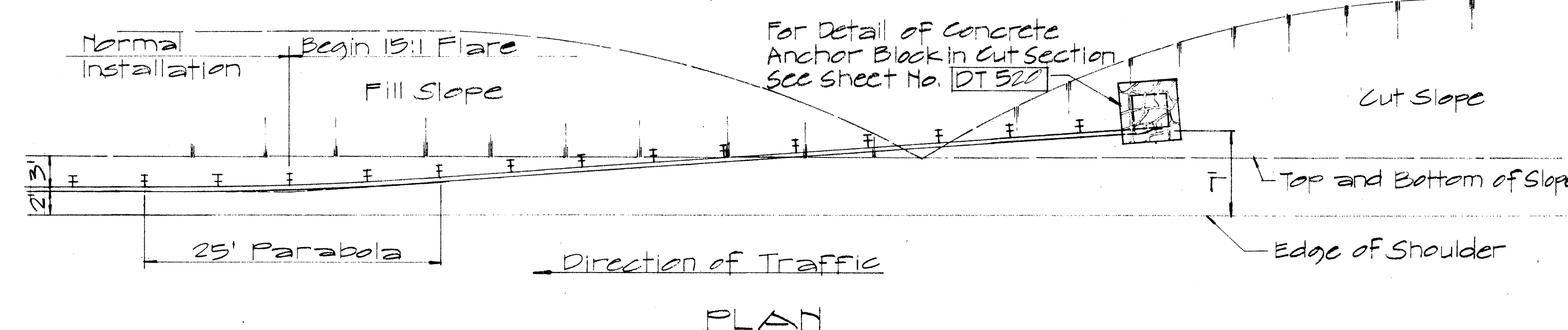
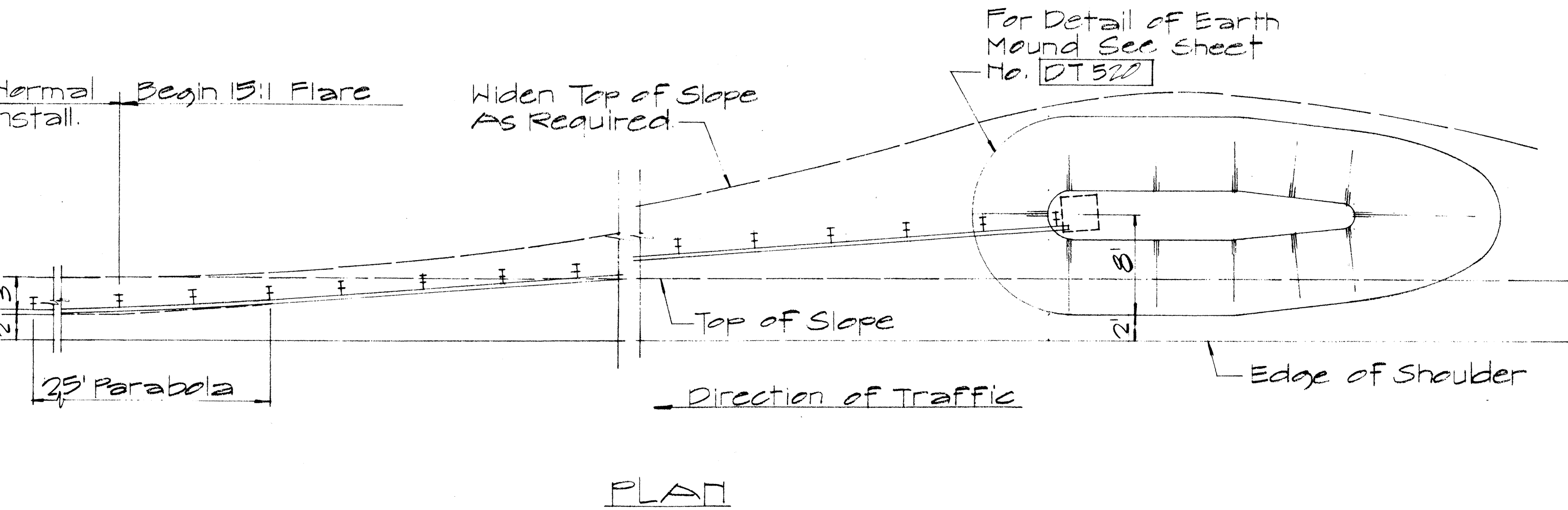
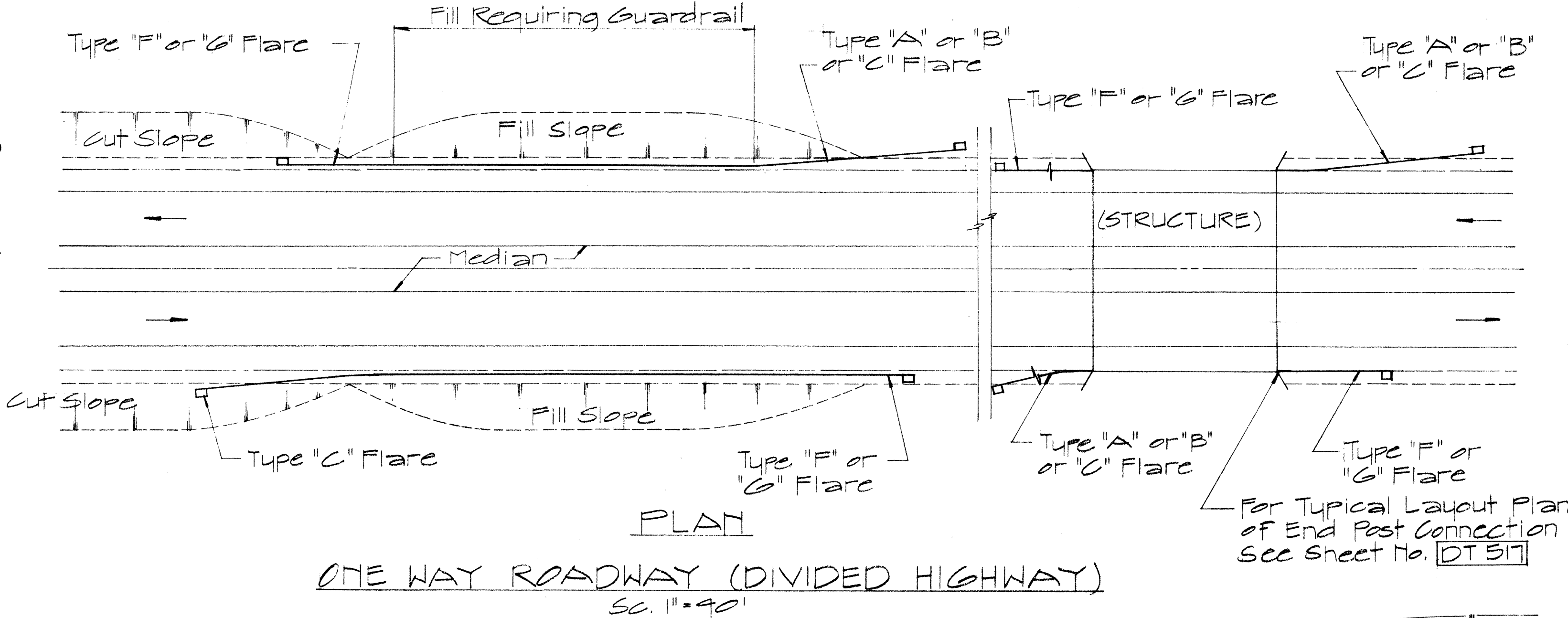
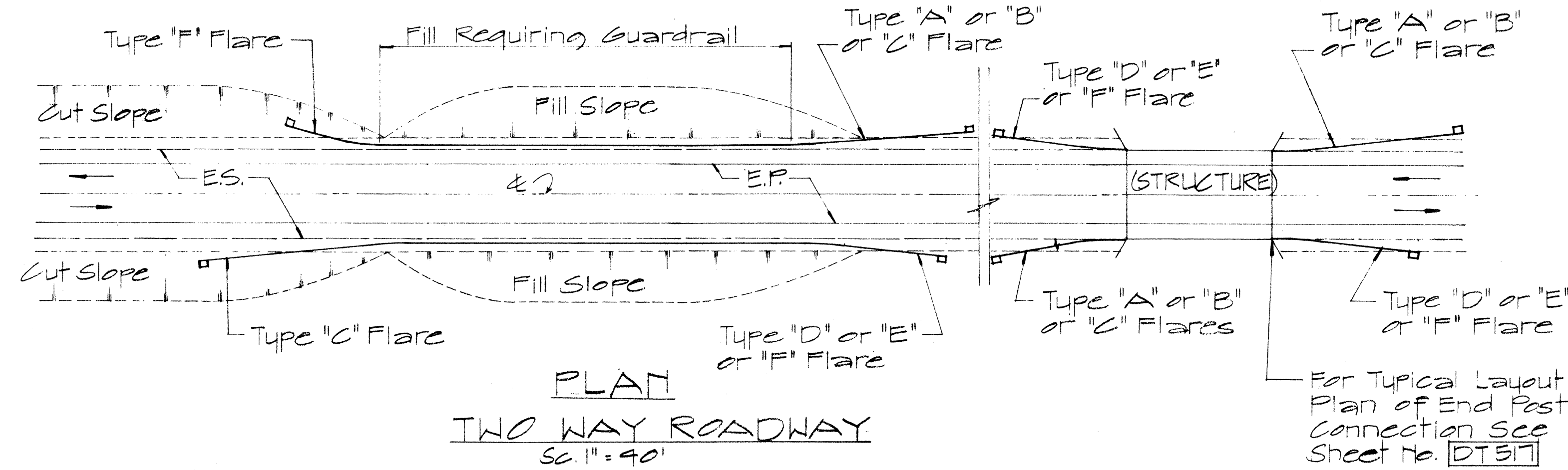
STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

STANDARD DETAIL
 METAL GUARD RAIL
 WITH RUB RAIL

Scale: 1/2" = 1'-0" Feb. 10, 1969

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	1-143-1(23)11 1-143-1(23)11	1970	35	224

NOTE:
Metal guard rail connection to structures requires End Post Connection. See structure plans.



APPROVAL RECOMMENDED:
Erich Tanaka 12/29/67
TRAFFIC ENGINEER DATE

APPROVED:
W. B. Smith 12-30-69
ASSISTANT CHIEF, ENGINEERING DATE

ELEVATION
TYPE "C" FLARE
Sc. 1/8" = 1'-0"

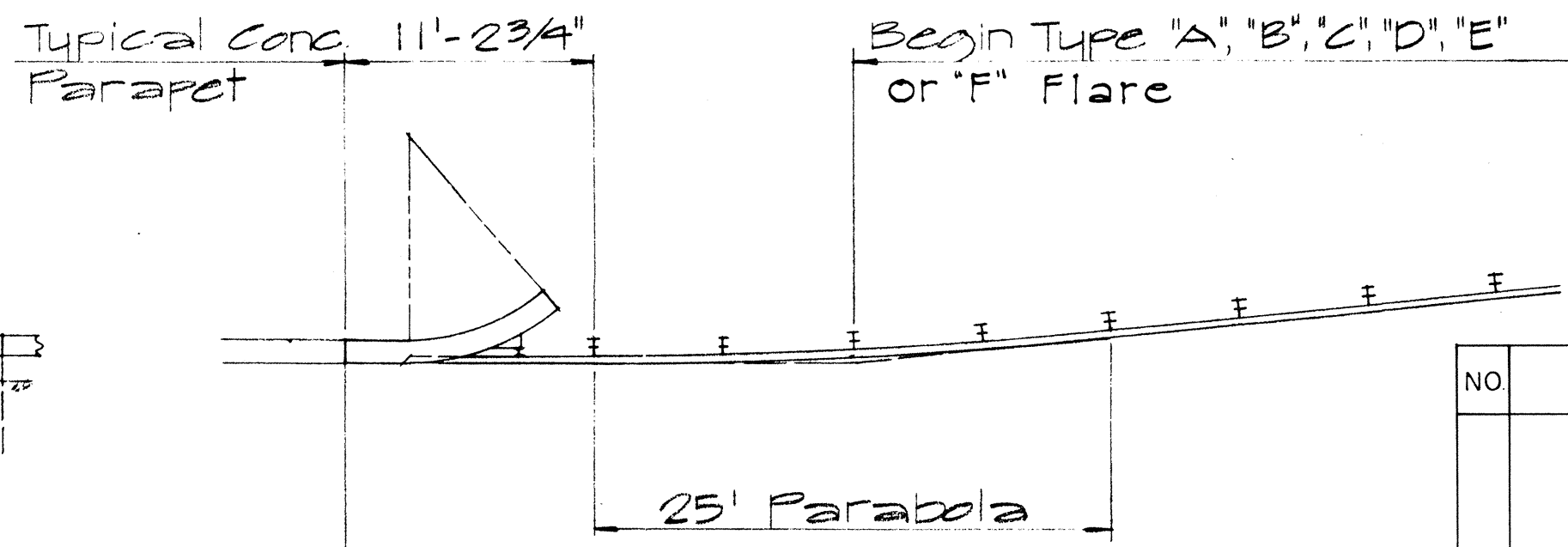
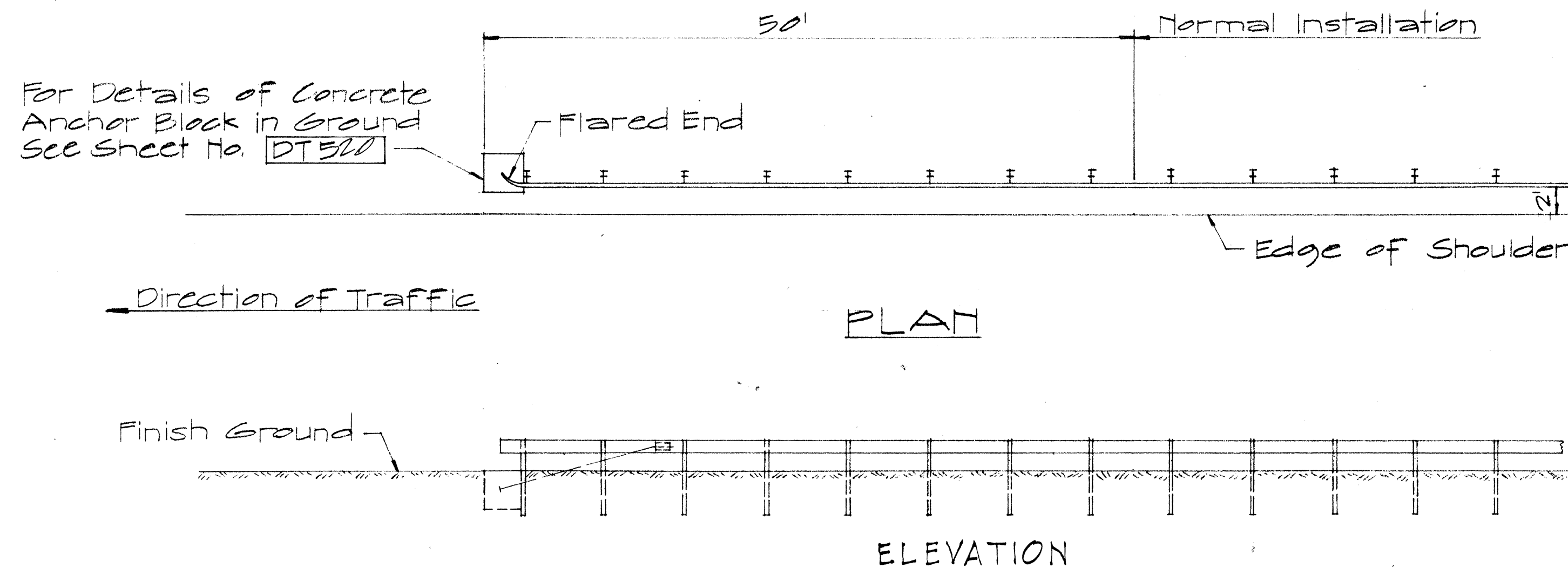
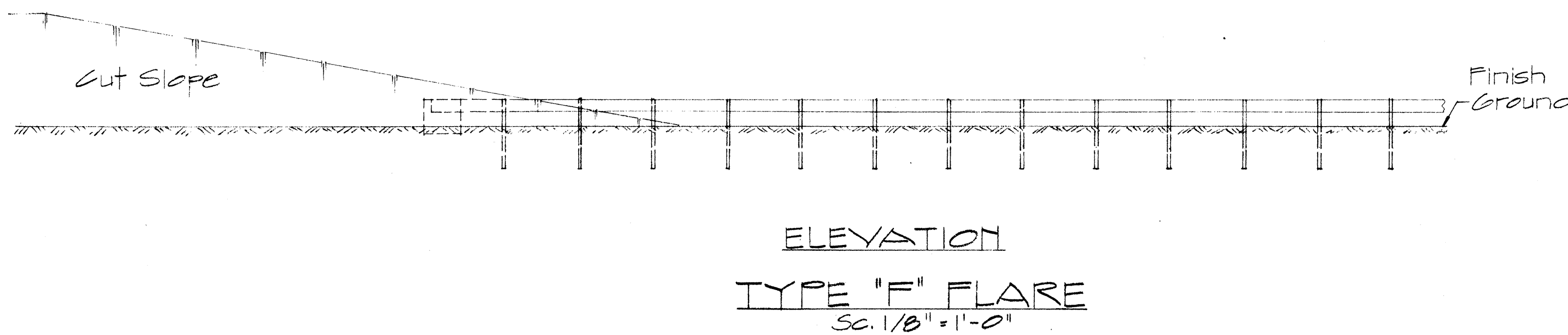
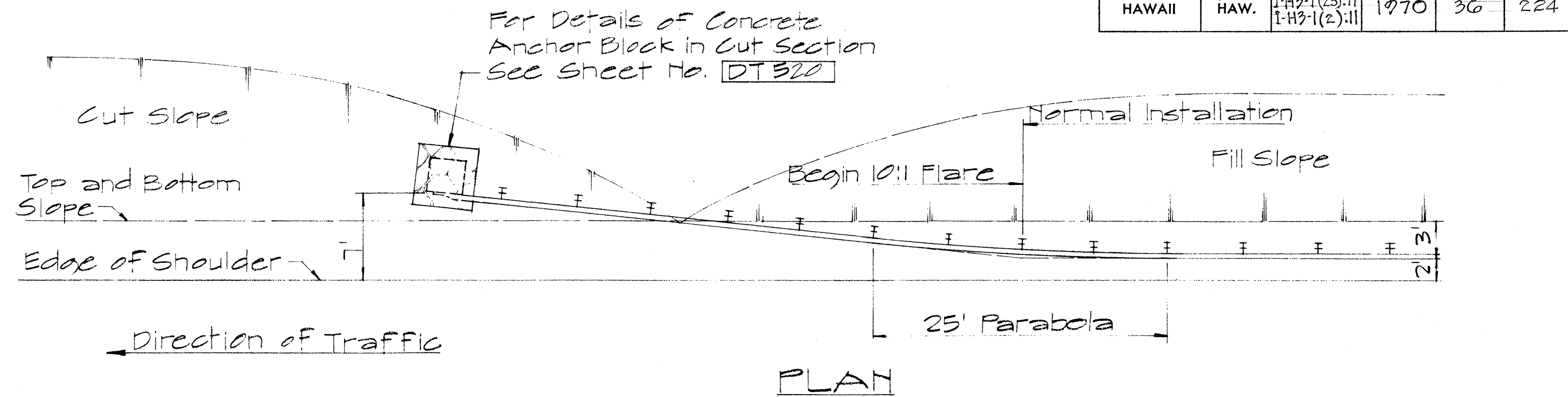
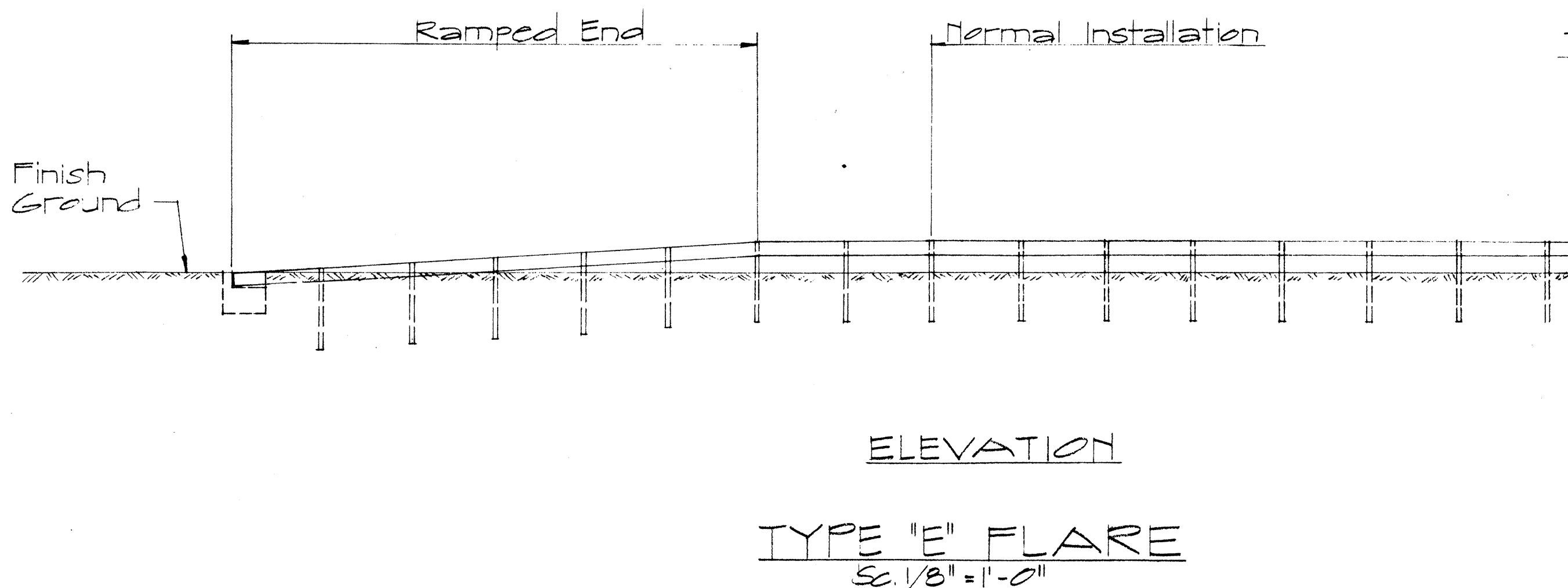
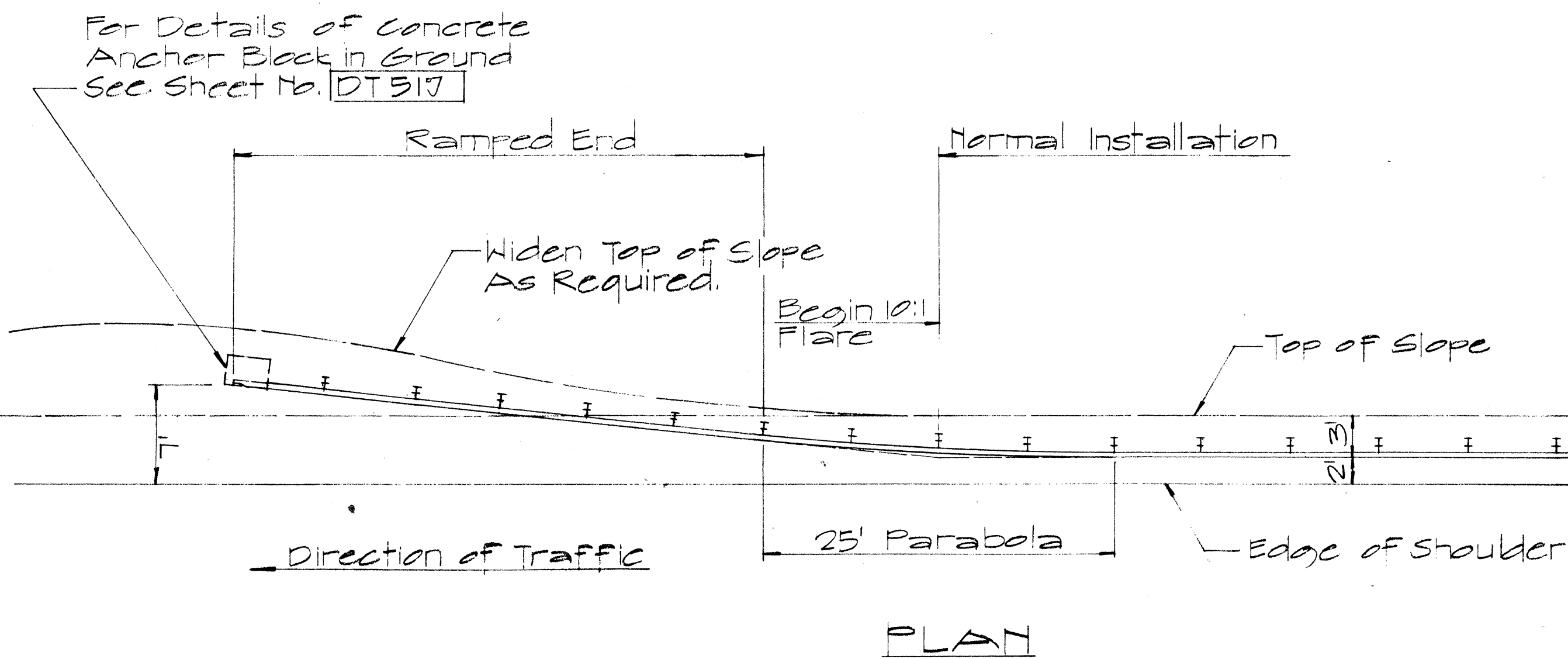
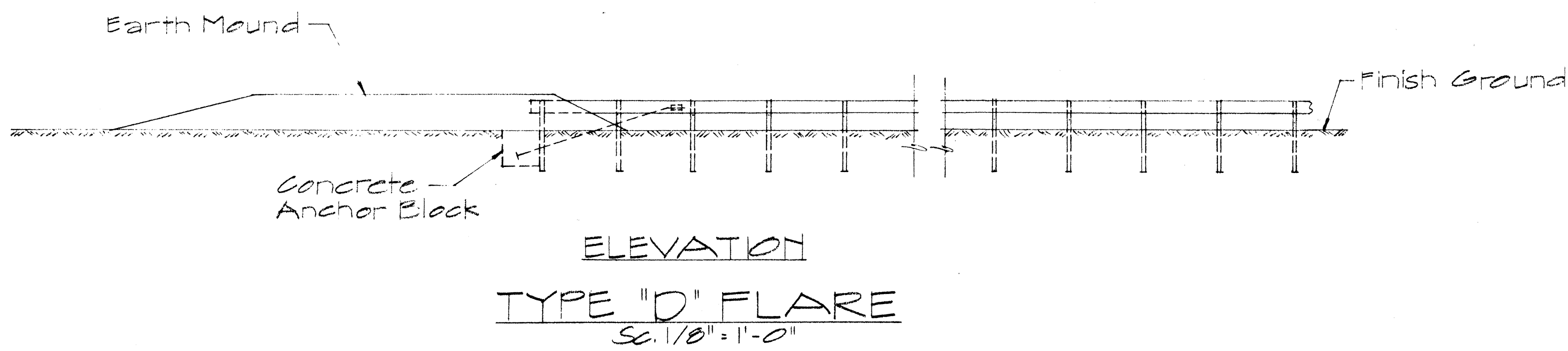
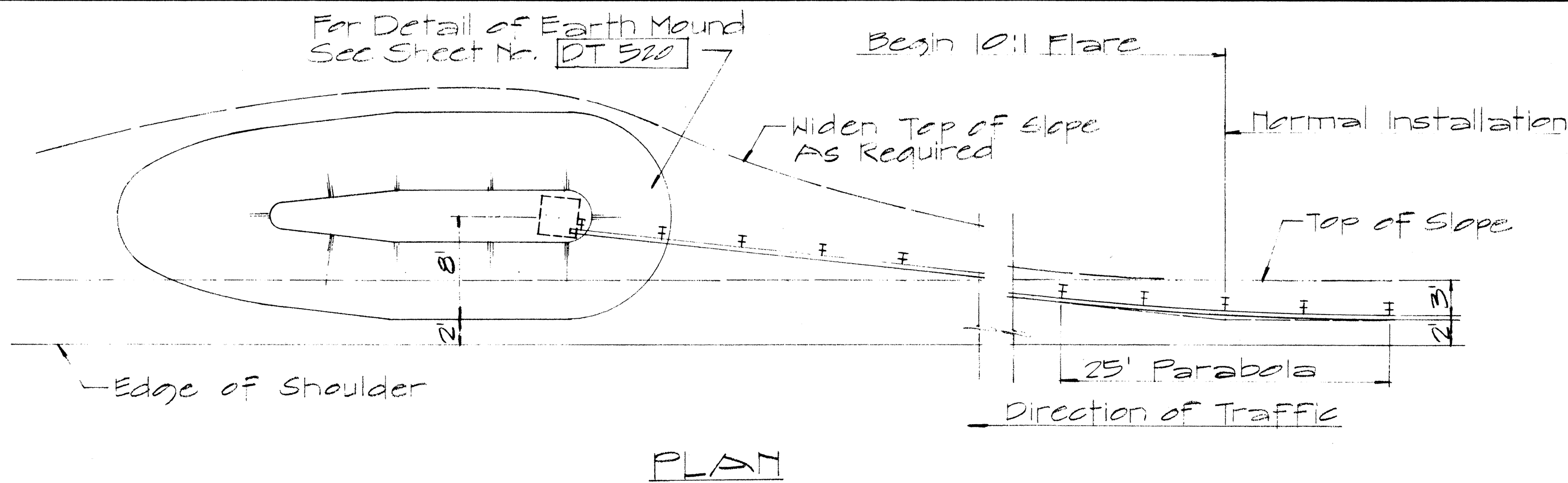
NO.	REVISION	APPROVED BY	DATE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

STANDARD DETAILS
OF APPROACH END
FLARE - ONE & TWO
WAY ROADWAY

Sc. As Noted April 1967
SHEET No. 10 OF 19 SHEETS DT 516

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	1-H2-1(23)-11 1-H2-1(2)-11	1970	36	224



TYPICAL LAYOUT PLAN OF
END POST CONNECTION

Sc. 1/8" = 1'-0"

APPROVAL RECOMMENDED:
Erich Tanaka 12/29/69
TRAFFIC ENGINEER DATE

APPROVED:
[Signature] 12-30-69
ASSISTANT CHIEF, ENGINEERING DATE

NO	REVISION	APPROVED BY	DATE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

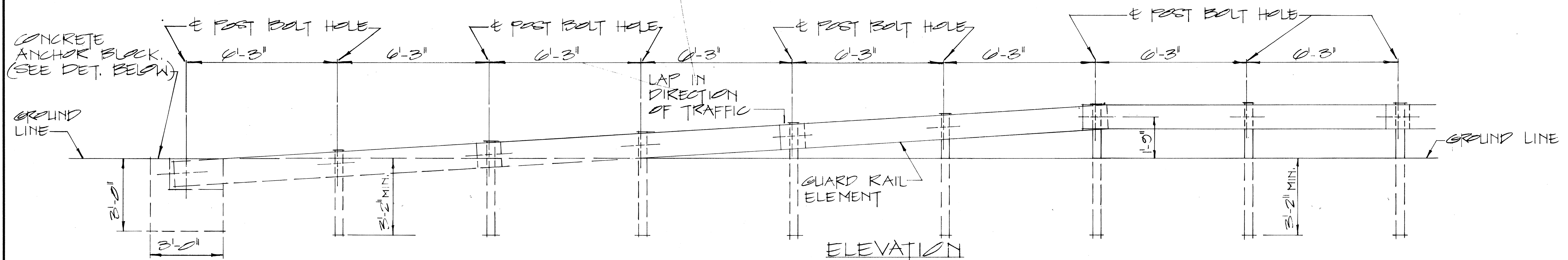
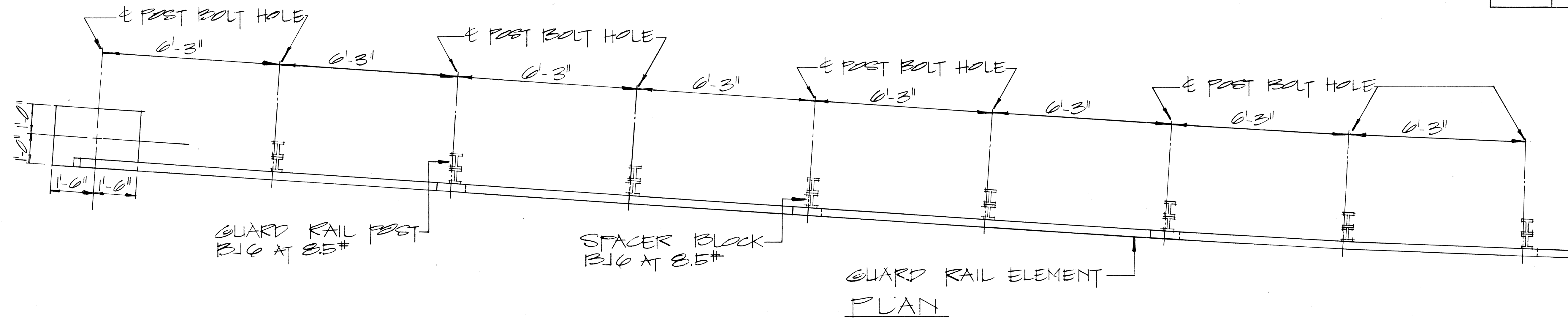
STANDARD DETAILS
OF TRAILING END
FLARE - ONE & TWO
WAY ROADWAY

Sc. As Noted APRIL 1969

SHEET No. 11 OF 15 SHEETS DT 517

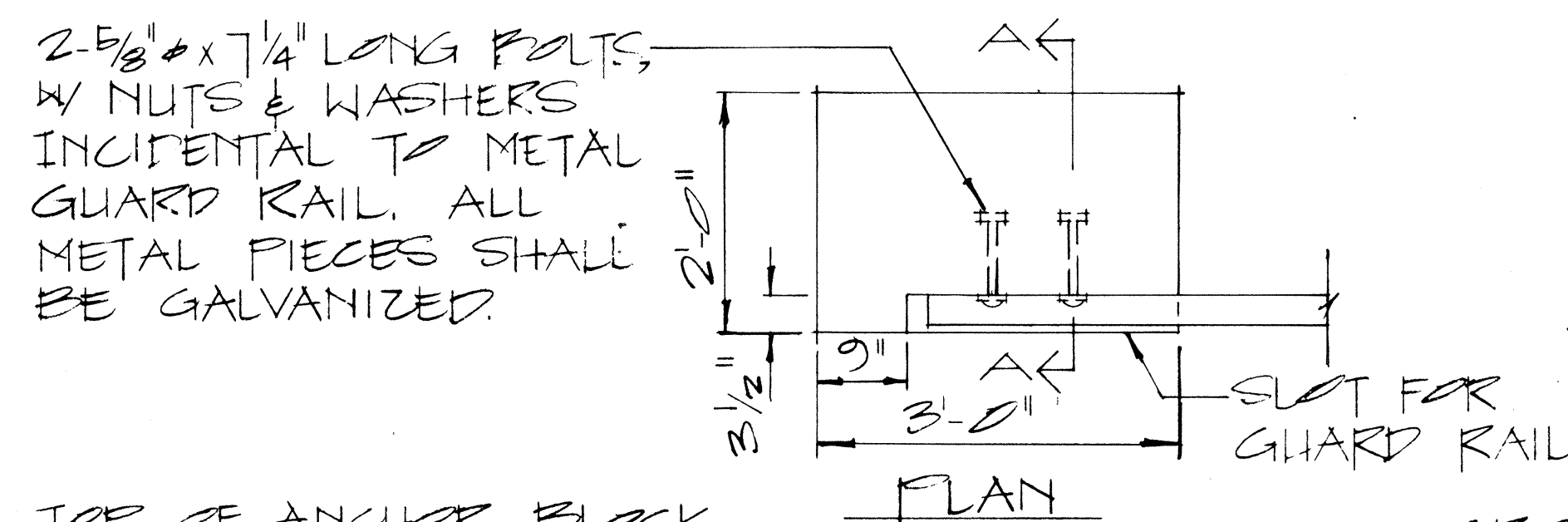
33 (5)

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	1-43-1(23):11 1-43-1(2):11	1970	37	224

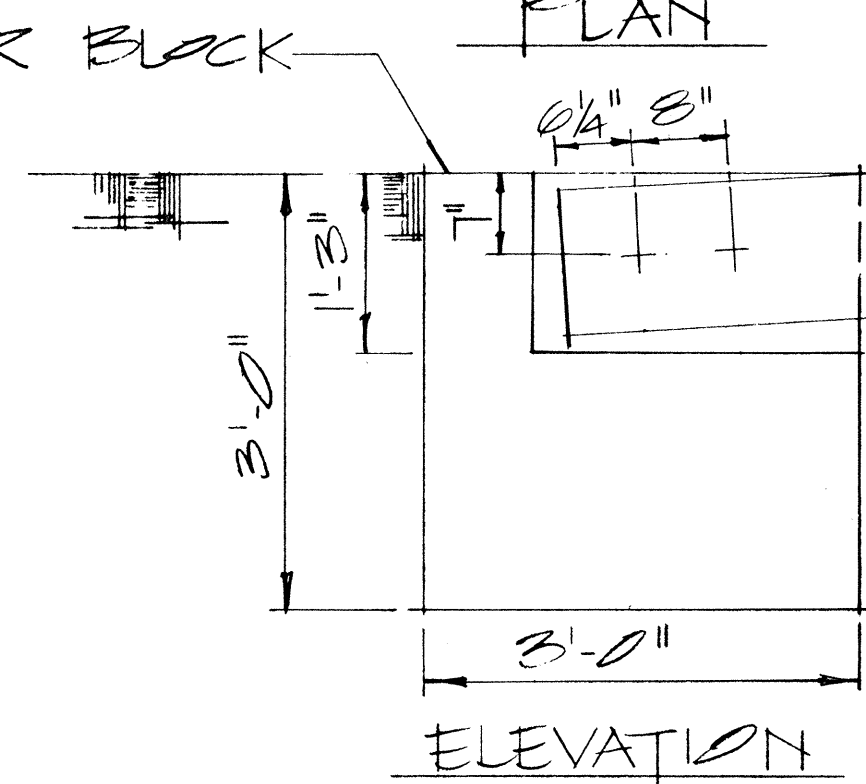


RAMP END ANCHORAGE
SCALE: 1/2" = 1'-0"

2-5/8" x 7/4" LONG BOLTS, W/ NUTS & WASHERS INCIDENTAL TO METAL GUARD RAIL. ALL METAL PIECES SHALL BE GALVANIZED.



TOP OF ANCHOR BLOCK TO BE FLUSH W/ GROUND.



GROUND LINE

NOTE: CONCRETE, EXCAVATION AND MISCELLANEOUS APPURTENANCES NECESSARY TO ANCHOR THE GUARD RAIL ENDS, SHALL BE INCIDENTAL TO THE METAL GUARD RAIL.

CONCRETE ANCHOR BLOCK
SCALE: 3/4" = 1'-0"

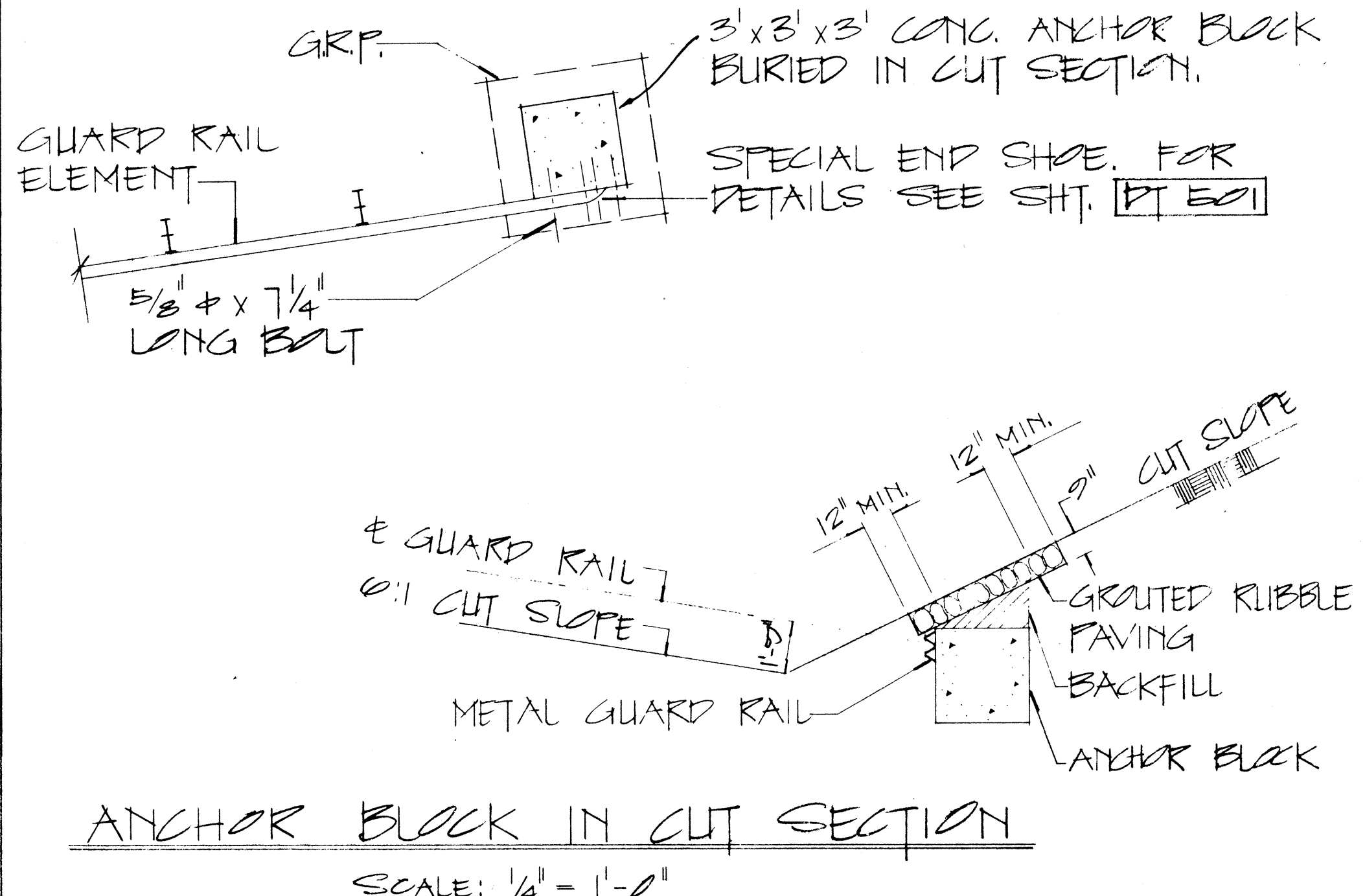
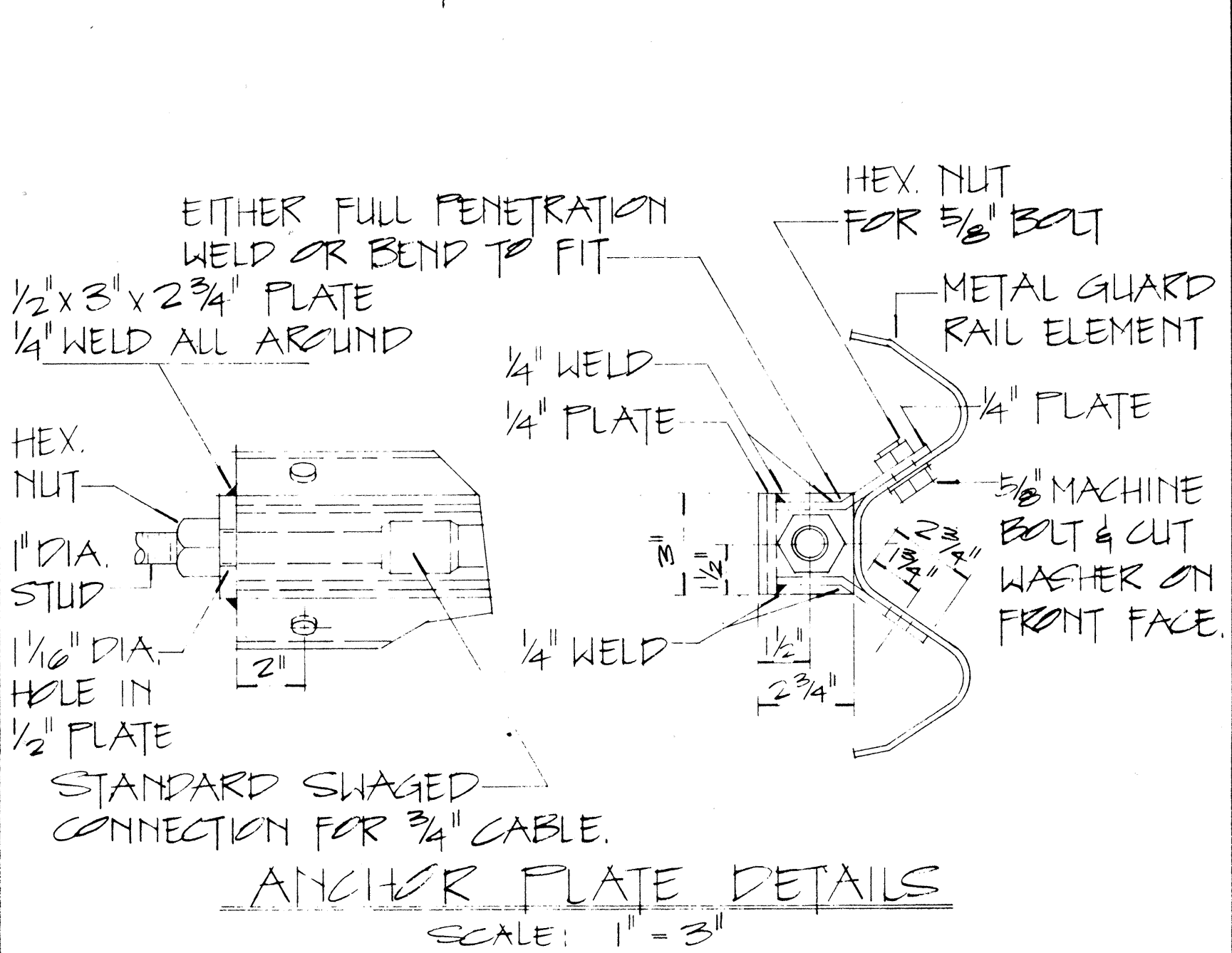
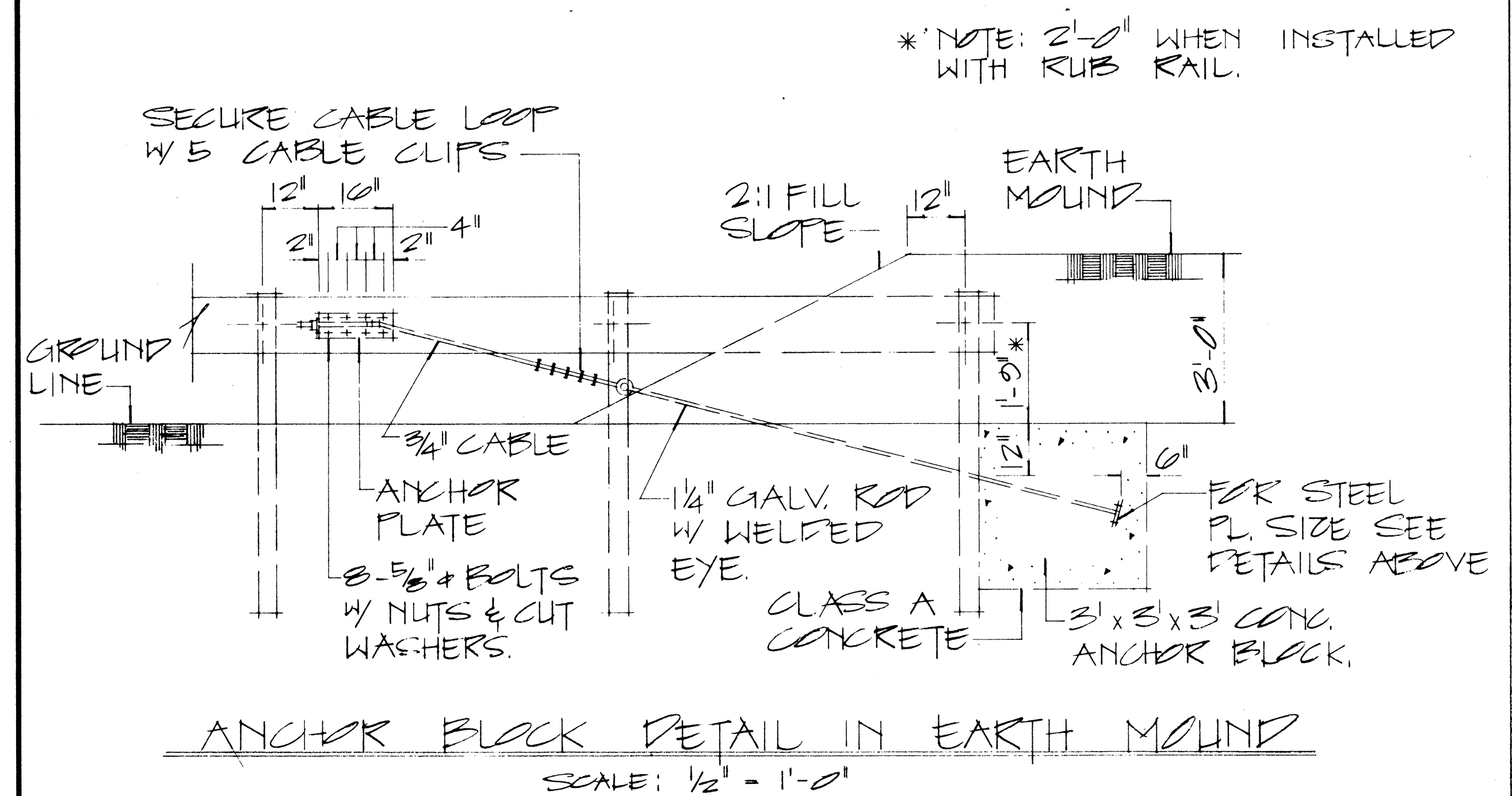
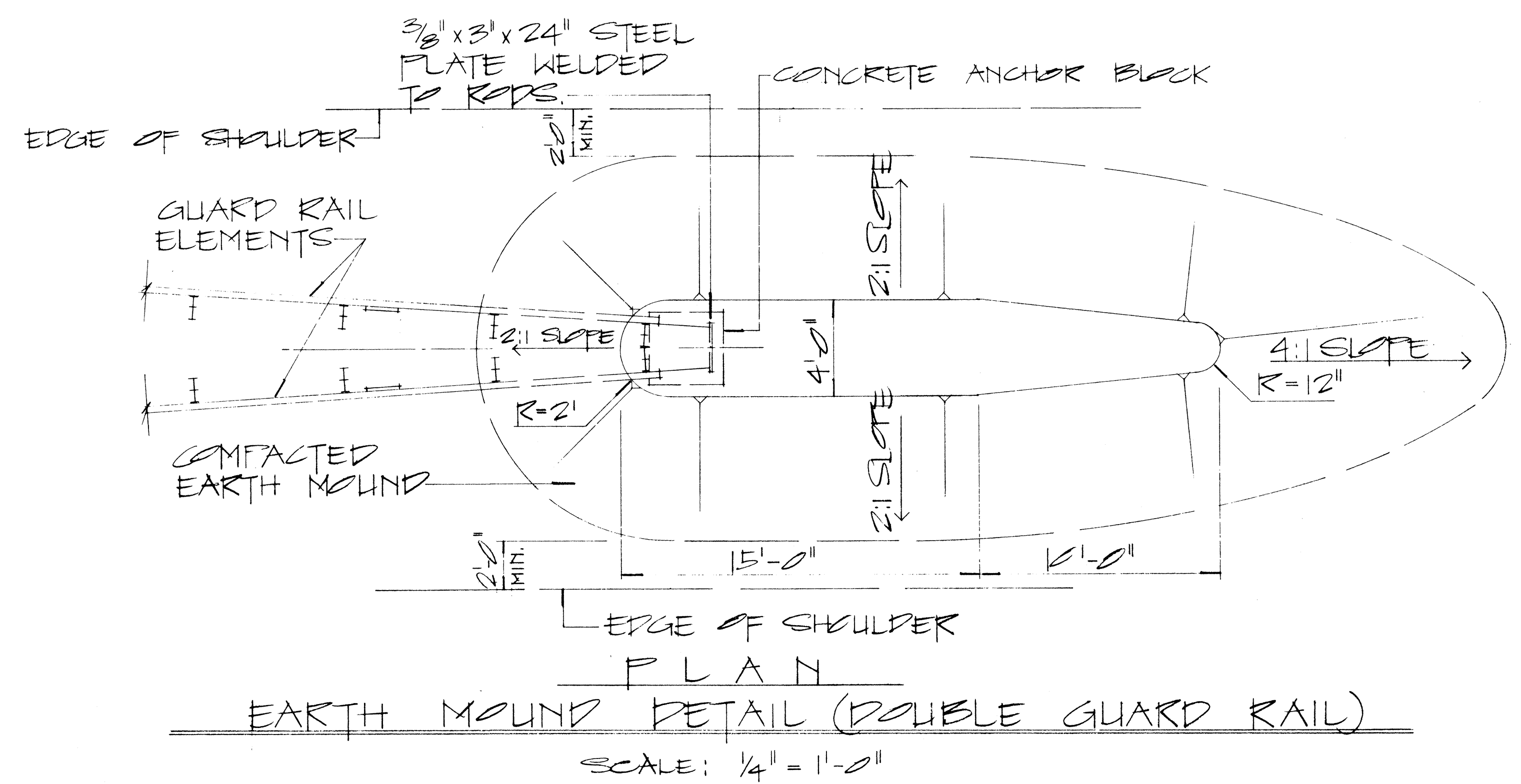
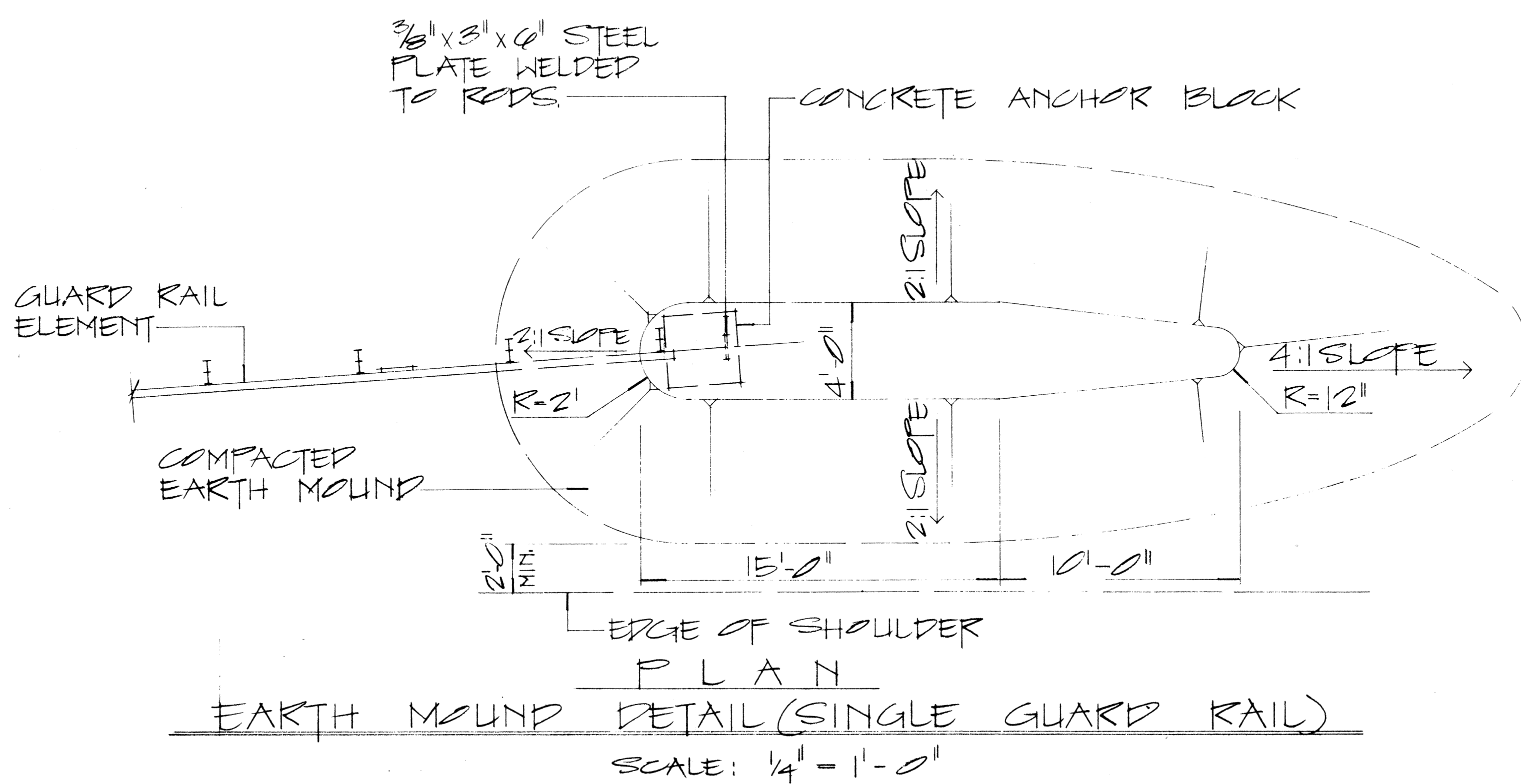
APPROVAL RECOMMENDED:
TRAFFIC ENGINEER
12/29/69
DATE

APPROVED:
ASSISTANT CHIEF, ENGINEERING
12-30-69
DATE

NO.	REVISION	APPROVED BY	DATE

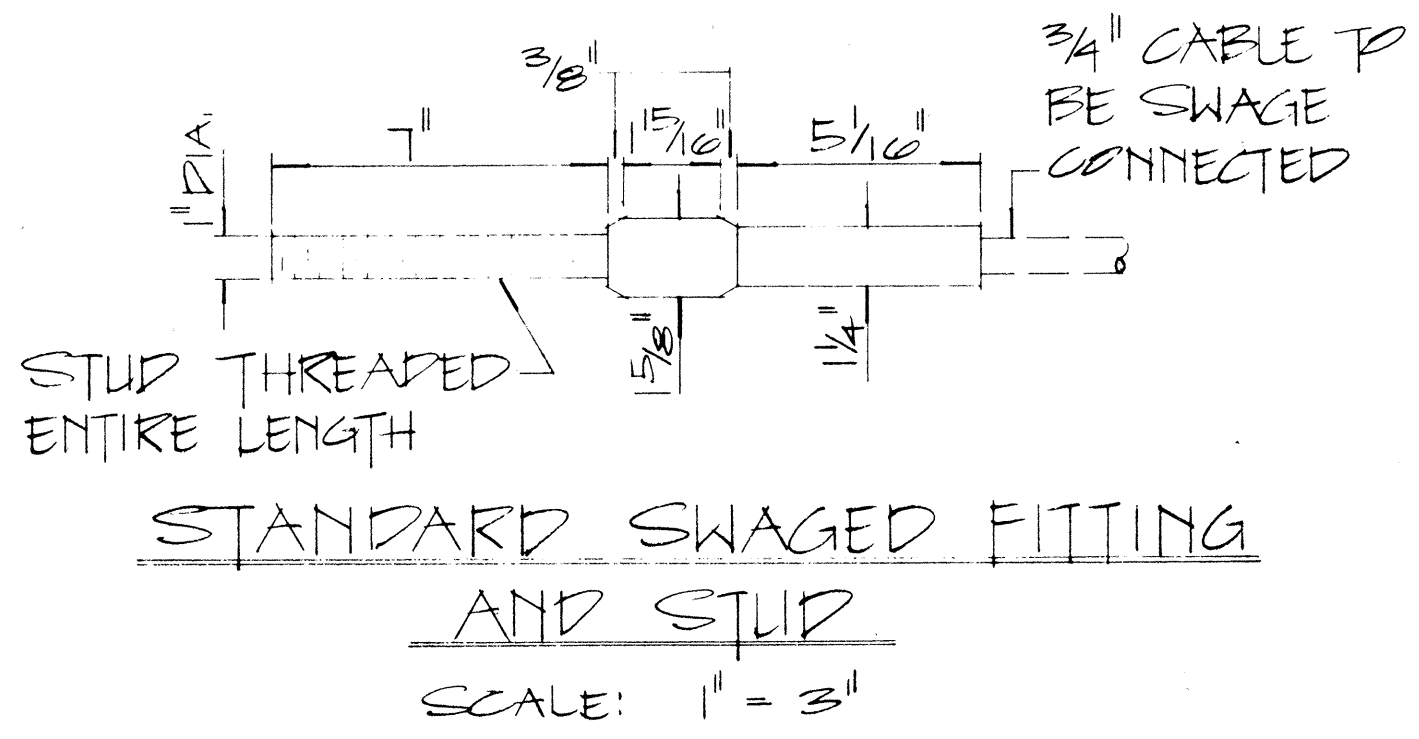
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
STANDARD DETAILS
GUARD RAIL, TYPE 3
RAMP END ANCHORAGE
SCALE: AS SHOWN
SHEET No. 12 OF 15 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	1-H3-1(23)1 1-H3-1(23)11	1970	38	224



NOTE:

1. GALVANIZED ANCHOR ROD, METAL GUARD RAIL AND POST BURIED IN GROUND SHALL BE COVERED WITH A MIN. 20-MIL THICKNESS OF COAL TAR ENAMEL, CONFORMING TO AWWA STANDARD: C 203
2. CONCRETE, GRP, EXCAVATION, EARTH MOUND, ANCHOR RODS AND MISCELLANEOUS APPURTENANCES NECESSARY TO ANCHOR THE GUARD RAIL ENDS SHALL BE INCIDENTAL TO THE METAL GUARD RAIL.



APPROVAL RECOMMENDED: Enishi Tanaka 12/29/69
TRAFFIC ENGINEER DATE

APPROVED: W. J. Gendel 12-30-69
ASSISTANT CHIEF, ENGINEERING DATE

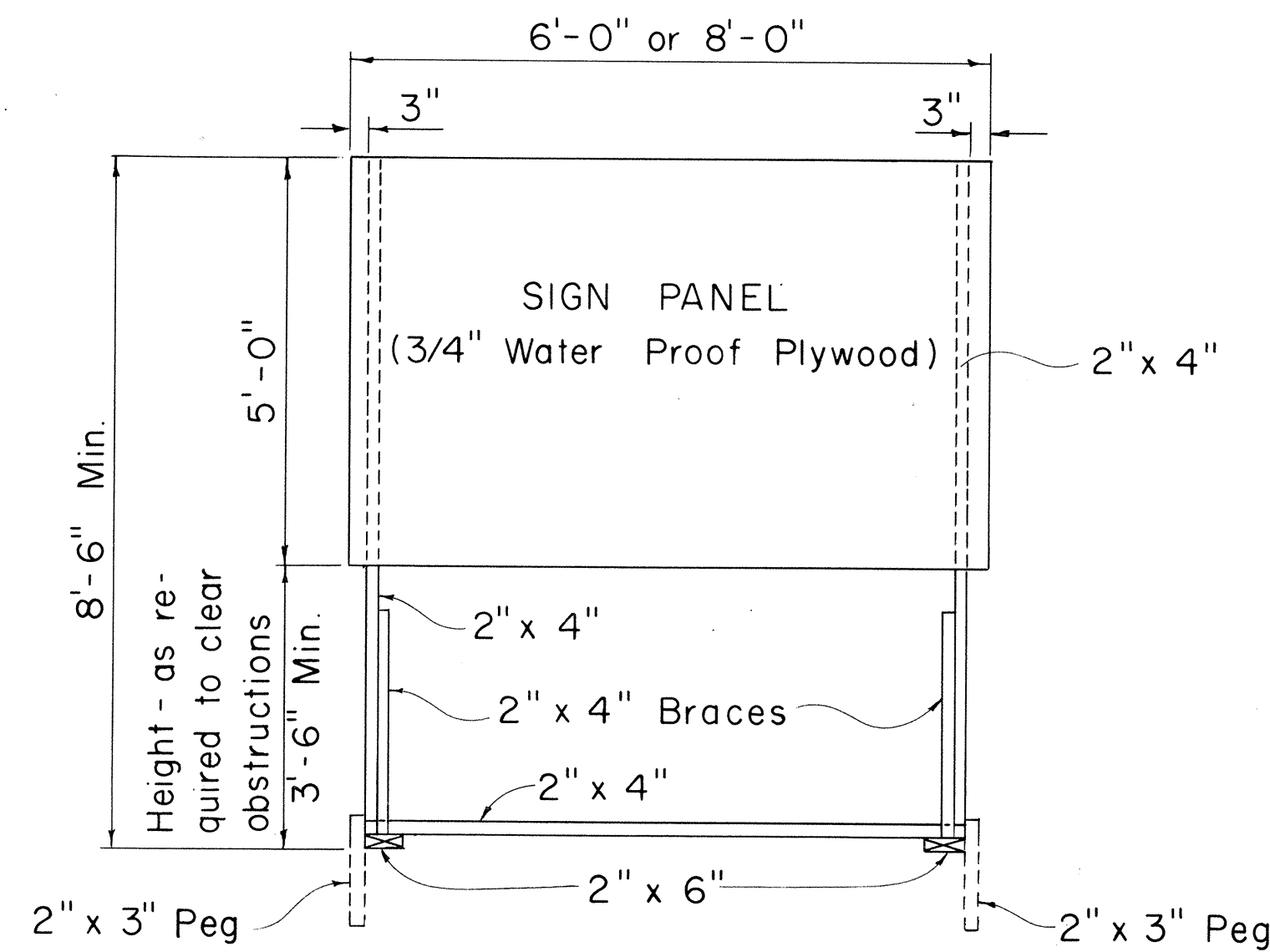
NO.	REVISION	APPROVED BY	DATE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

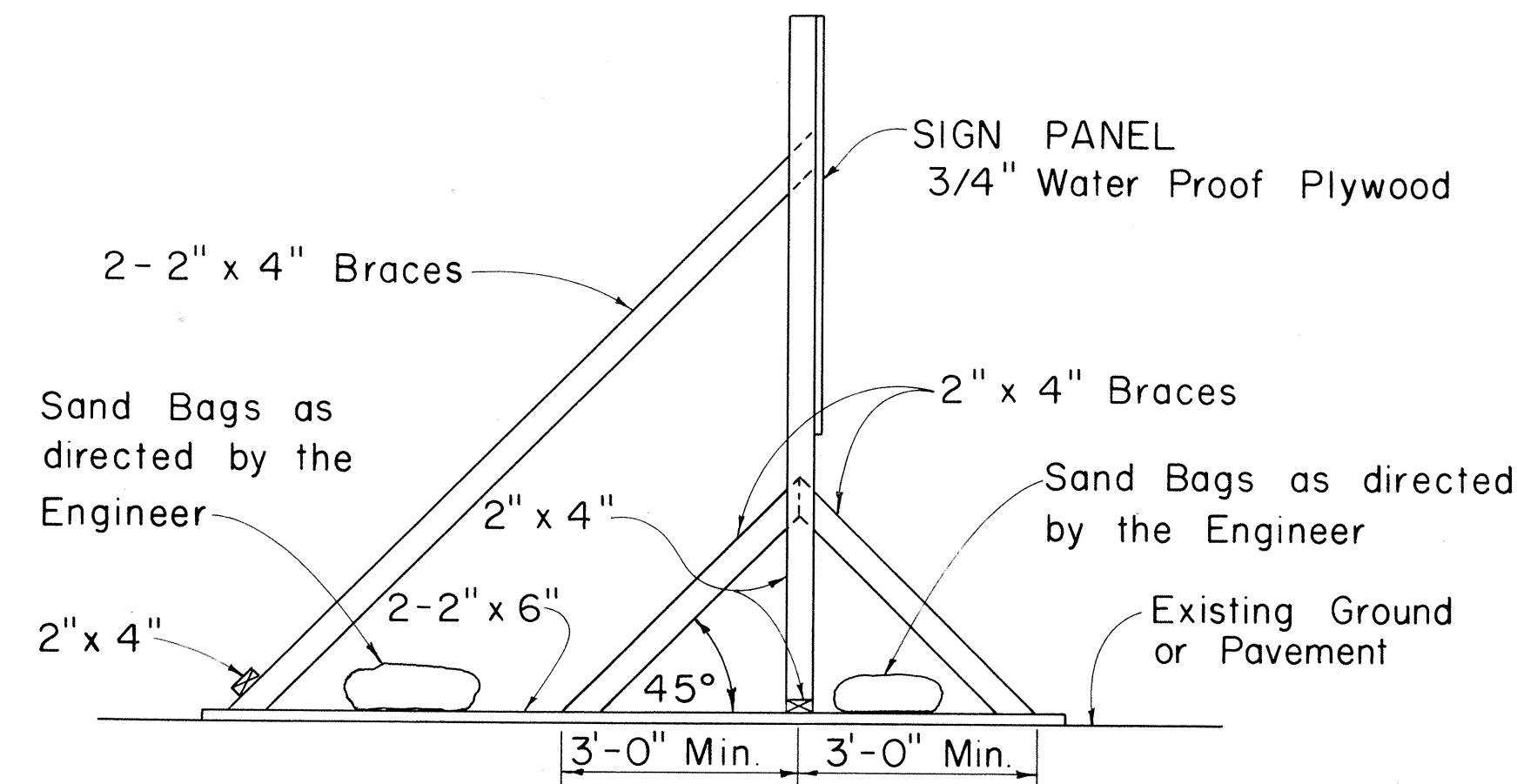
STANDARD DETAILS
EARTH MOUND AND
ANCHOR BLOCK DETAILS
SCALE: AS SHOWN OCT 1969
SHEET No. 13 OF 15 SHEETS PT 520

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

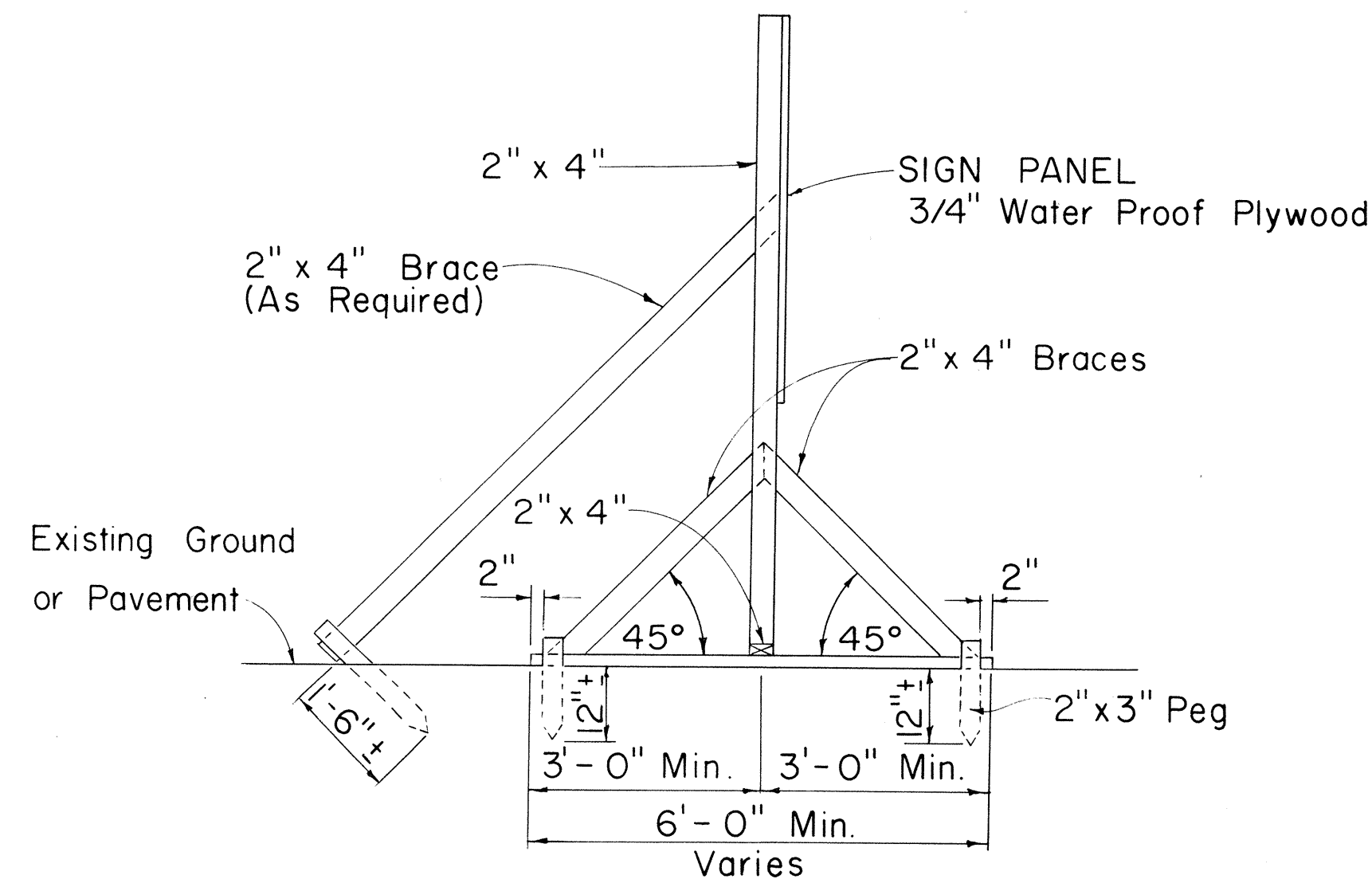
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	1-H-2-1(23)-11 1-H-3-1(2)-11	1970	39	224



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

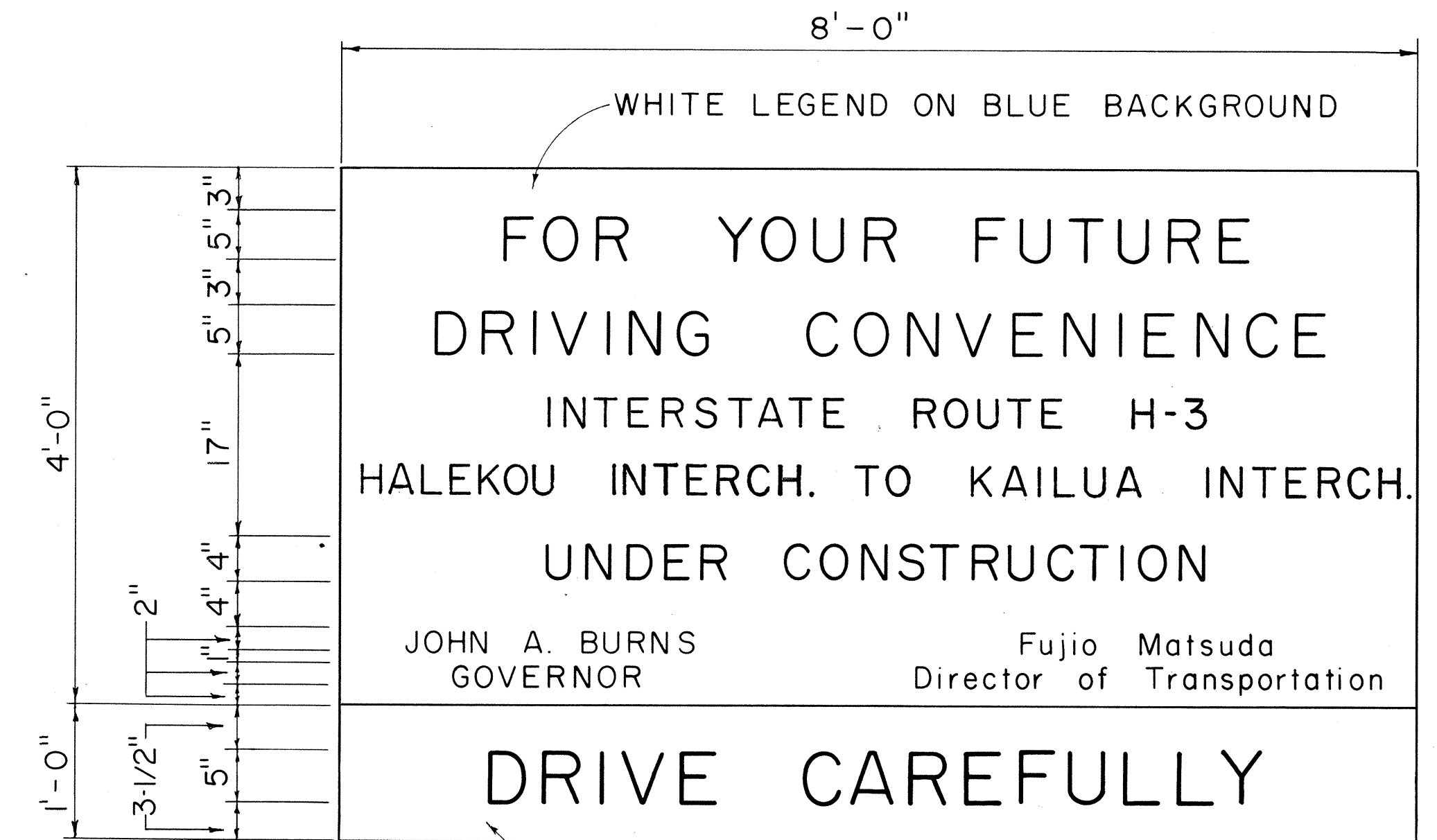


SIDE VIEW
(SIGN SUPPORT AND FRAME WEIGHTED DOWN)
Scale: 1/2" = 1'-0"



SIDE VIEW
(SIGN SUPPORT AND FRAME ANCHORED IN GROUND)
Scale: 1/2" = 1'-0"

SIGN SUPPORT AND FRAME
Scale: As Shown



BLACK LEGEND ON YELLOW BACKGROUND
USE SERIES "D" LETTERS

GENERAL NOTES

1. The sign panels will be constructed by the State and will be available for pick up by the Contractor from the State Highway Maintenance Yard.
2. The Contractor shall construct the sign supports and frames and install the sign panels at the locations shown on the plans and as ordered by the Engineer.
3. At the end of construction the Contractor shall remove the sign panels and return it to the State Highway Maintenance Yard. Sign supports and frames shall be removed and cleared from the project site.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL DETAILS

PROJECT INFORMATION SIGN

Scale: As Shown
SHEET No. 14 OF 15 SHEETS

DESIGNED BY	DATE
DRAWN BY	
CHECKED BY	
NOTED BY	
NO.	

Diagram illustrating the cross-section of a bridge deck. The deck is supported by two vertical piles. The deck is composed of three horizontal layers, each labeled "2" x 6"". The top layer is labeled "2" x 6"". The middle layer is labeled "2" x 6"". The bottom layer is labeled "2" x 6"". The deck is supported by two vertical piles, each labeled "6"". The piles are connected by a horizontal beam at the base. The text "Sand Bags as required by the Engineer." is written above the deck, with an arrow pointing to the space between the piles.

1. The Contractor shall construct, install and maintain the wood barricades at the locations shown on the Plans.
2. The permanent wood barricades shall be left in place or relocated upon completion of the project as ordered by the Engineer and are to become State property.

4" x 4"

6"

4" x 4"

3'-6"

5'-0"

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

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

Diagram illustrating the construction of a sign panel support structure. The structure consists of a vertical post and a horizontal base, both made of 2" x 4" lumber. The vertical post is secured to the horizontal base using 3- 2" x 4" Braces. The horizontal base is supported by 3- 2" x 3" Pegs. The sign panel is attached to the vertical post using 3/4" Water Proof Plywood. The height of the sign panel is indicated as 1'-9" Max. The width of the horizontal base is indicated as 3'-0" Min. The distance between the pegs is indicated as 3'-0" Min. The angle of the braces is indicated as 45°. The thickness of the horizontal base is indicated as 2". The distance from the center of the post to the edge of the base is indicated as 2". The distance from the center of the post to the edge of the sign panel is indicated as 2". The distance from the center of the post to the edge of the base is indicated as 2". The distance from the center of the post to the edge of the sign panel is indicated as 2".

(SIGN FRAME ANCHORED IN GROUND)
Scale: 1/2" = 1'-0"

Diagram illustrating the dimensions and components of a water proof plywood sign structure:

- Overall Dimensions:**
 - Width: 13' - 0"
 - Height: 9' - 6" Min.
- Internal Dimensions and Components:**
 - Top Section Width: 3"
 - Top Section Height: 3' - 0"
 - Bottom Section Width: 6' - 6"
 - Bottom Section Height: 3' - 0"
 - Bottom Section Height (Clearance): 3' - 6" Min.
- Labels and Components:**
 - 3/4" Water Proof Plywood SIGN PANEL
 - 2" x 4" Braces
 - 2" x 4"
 - 2" x 6"
 - 2" x 3" Pegs
 - Pegs

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

1. The sign legend shall be black on white background except for the Interstate Route marker which shall be as shown on the plan.
2. The Contractor shall construct, install and maintain the project signs at the locations shown on the Plans and as ordered by the Engineer.
3. Letters shall be Series "C" of the sizes shown on the Plan and shall conform with the "Standard Alphabet for Highway Signs", Bureau of Public Roads, 1966
4. The Contractor shall fill in the proper numerals in place of ciphers as ordered by the Engineer.

Etichi Tanaka 12/29/99
TRAFFIC ENGINEER DATE

APPROVED: Julius S. Smith 12-30-69
ASSISTANT CHIEF, ENGINEERING DATE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL DETAILS

CONSTRUCTION IDENTIFICATION SIGN
AND
WOOD BARRICADES

SCALE : As Shown DATE :

SHEET No. 15 OF 15 SHEETS DT 800

41 (1)

Diagram illustrating the color and size specifications for a highway shield:

- Red**: Points to the top section of the shield.
- White Legend and Border**: Points to the legend area and the border of the shield.
- Blue**: Points to the bottom section of the shield.
- 1/8" to 1/4" Blue Edging**: Points to the blue edging around the shield.
- 24"**: Indicates the height of the shield.

\$ 000,000
HAWAII STATE
DEPT. OF TRANSPORTATION
HIGHWAYS DIVISION

Scale : $3/4'' = 1' - 0''$

Scale: As Shown

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