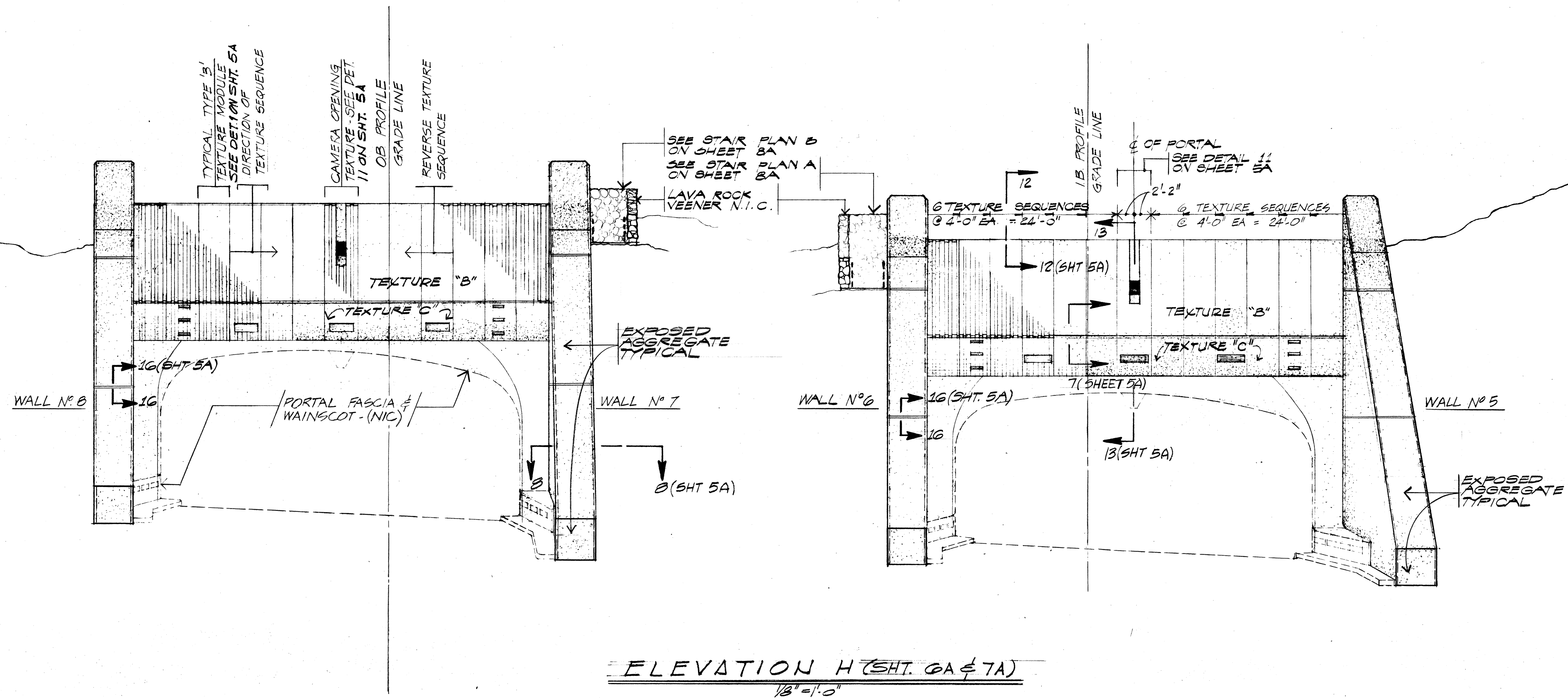
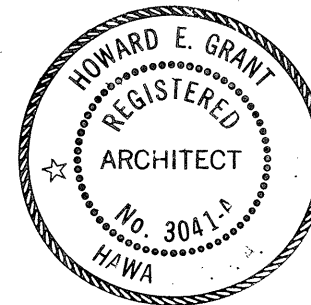


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H3-1(25):3	1975	91	111



NOTE:
SEE TEXTURE DETAILS ON SHEET 5A



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BY ME OR UNDER MY SUPERVISION
Howard E. Grant

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

RED HILL TUNNELS

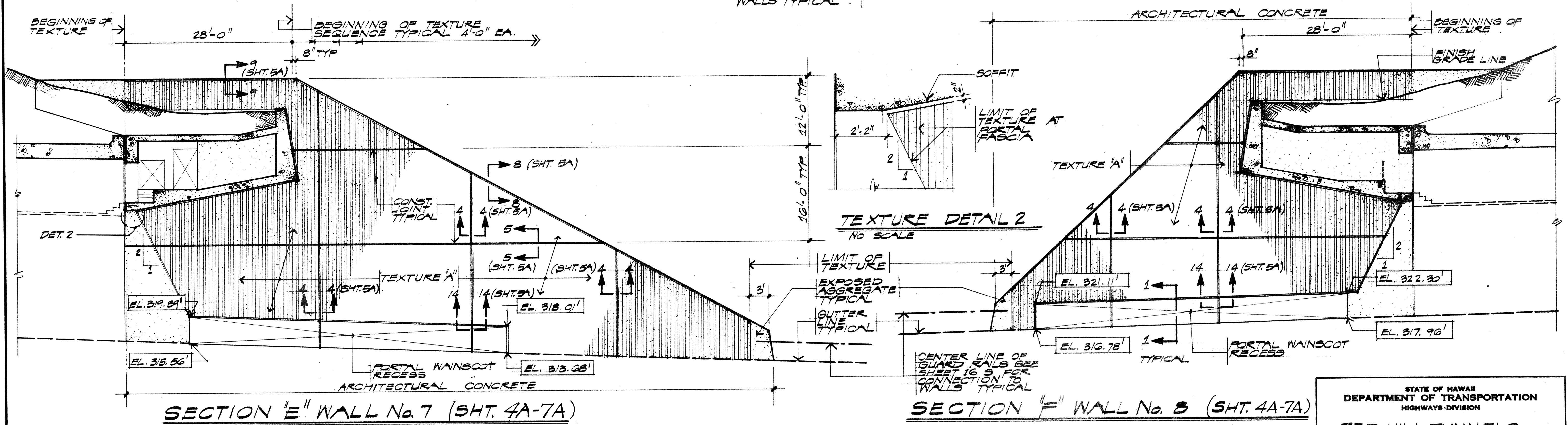
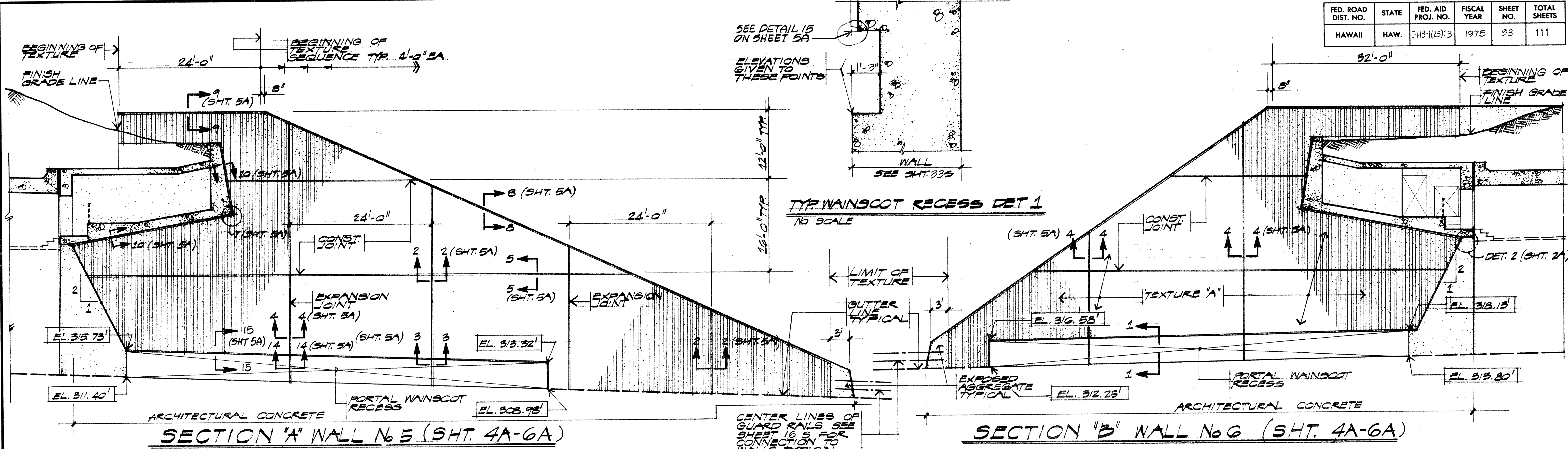
MOANALUA PORTAL
ELEVATIONS

F.A.I. PROJECT NO I-H3-1(25):3
SCALE: 1/8" = 1'-0" DATE: JAN 31, 1975

SHEET No. 1A OF 8A SHEETS

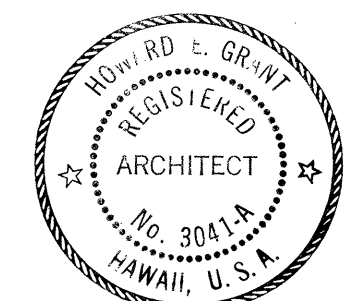
ORIGINAL PLAN	DATE
DESIGNED BY L. HENNINGSEN	
CHECKED BY A. FREEMAN	
NOTED BY	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-43-1(25):3	1975	93	111



NOTE: GUARD RAILS N.I.C.

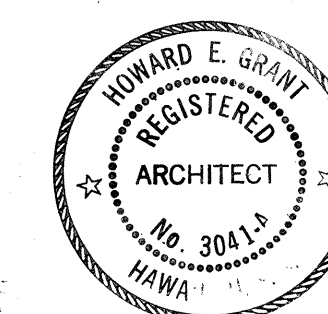
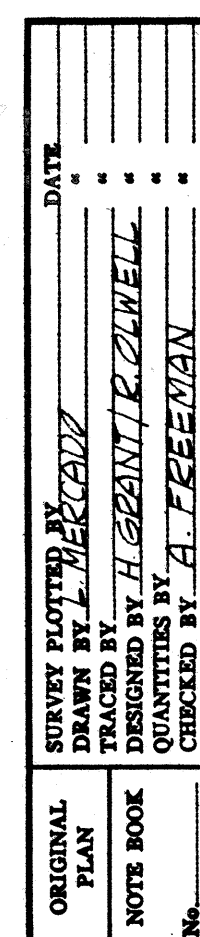
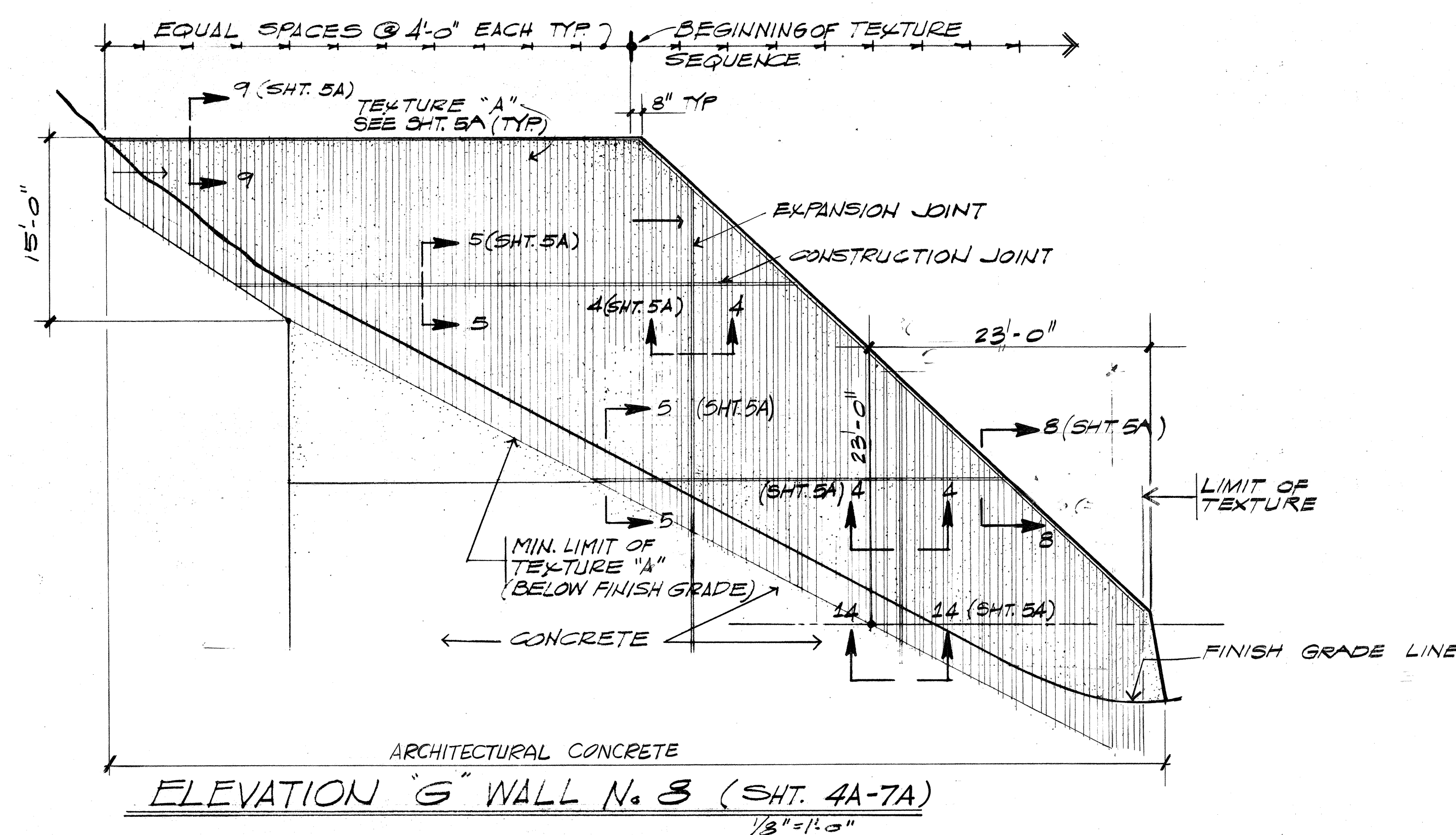
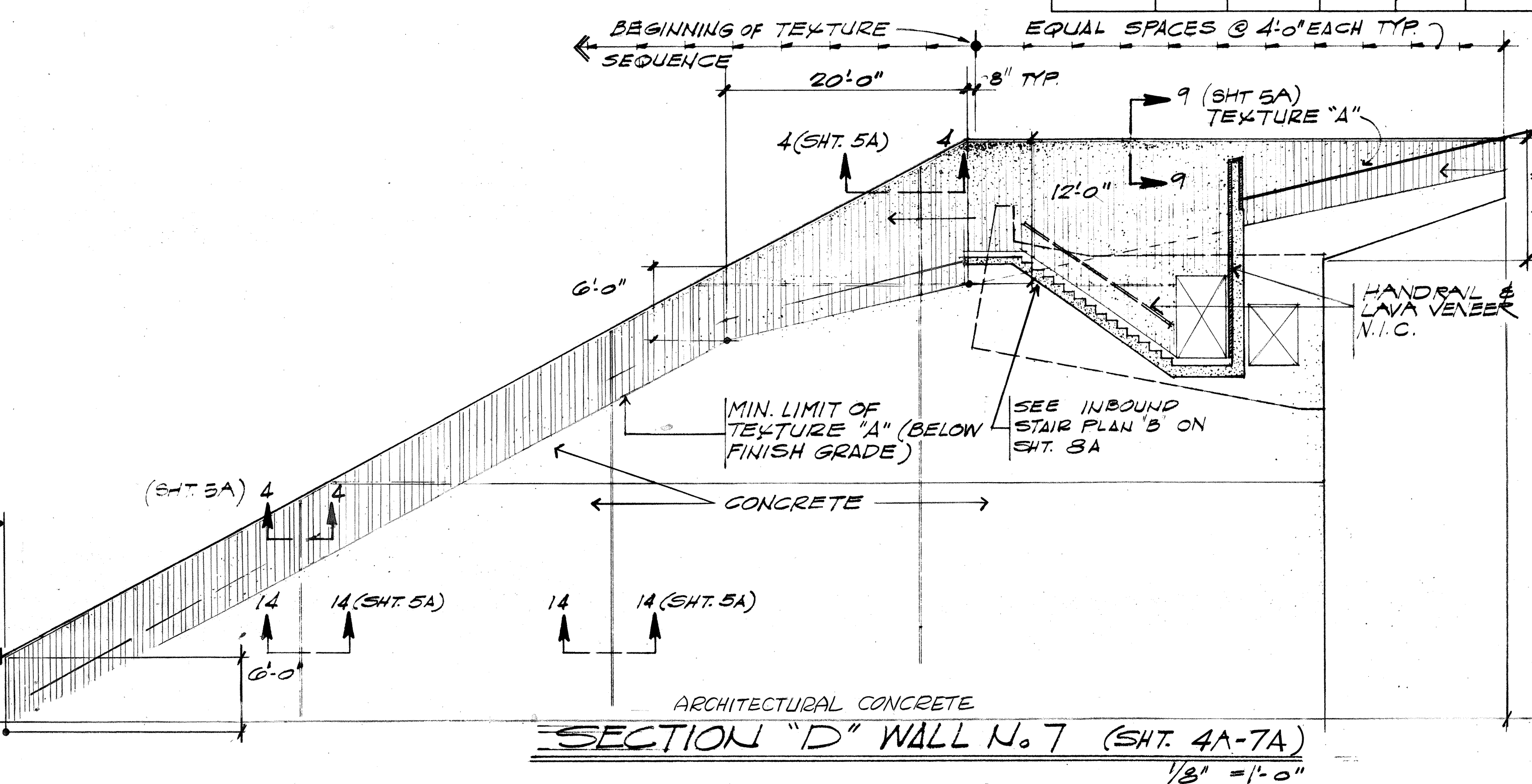
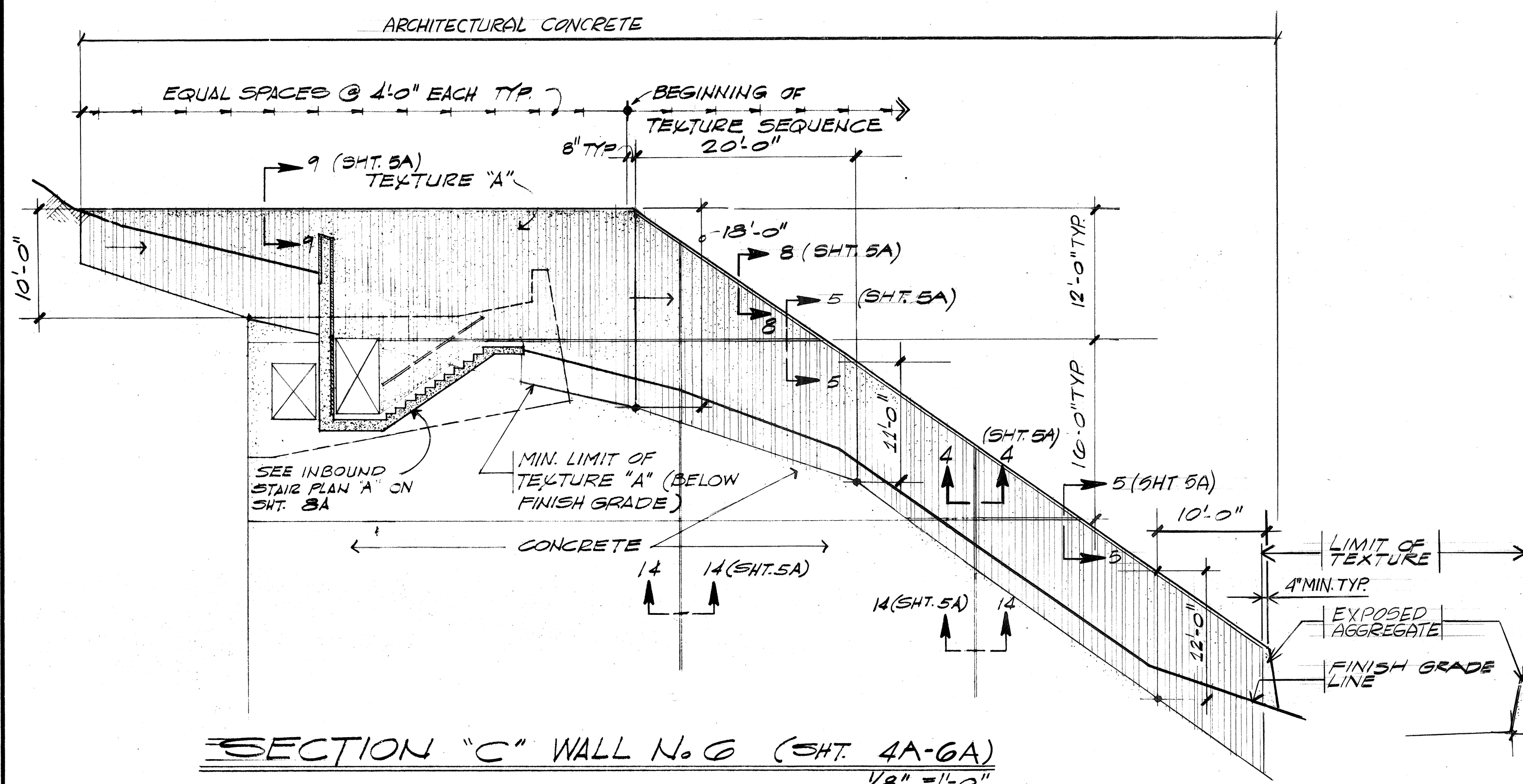
DATE: _____
 SURVEY PLANNED BY: _____
 DRAWN BY: _____
 CHECKED BY: _____
 ORIGINAL PLAN: _____
 NOTE BOOK: _____
 NO. _____



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Richard J. Ant

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
RED HILL TUNNELS
MOANALUA PORTAL SECTIONS
 F.A.I. PROJECT NO. I-43-1(25):3
 SCALE: 1/8" = 1'-0" DATE: JAN 31, 1975
 SHEET No. 2A OF 8A SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H3-1(25):3	1975	93	111



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Edward J. Am...

**STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION**

RED HILL TUNNELS

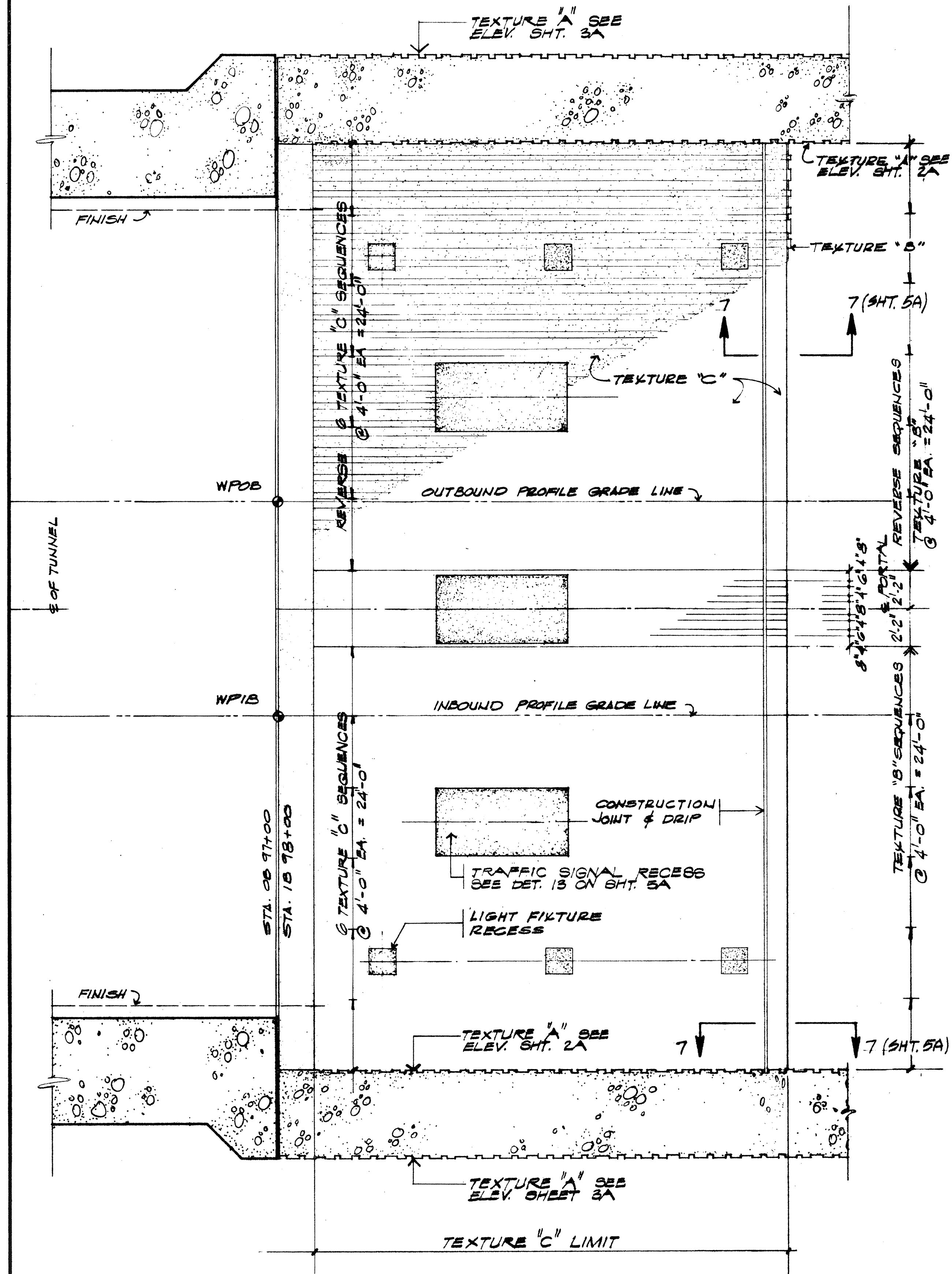
MOANALUA PORTAL SECTIONS & ELEVATION

F.A.I. PROJECT № I-H3-1(25):3

SCALE: $1/8" = 1'-0"$ DATE: JAN 31, 1975

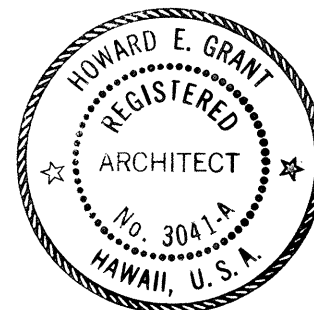
SHEET No. 3A OF 8A SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H3-1(25):3	1975	94	111



NOTE:

SEE TEXTURE DETAILS ON SHEET 5A



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DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

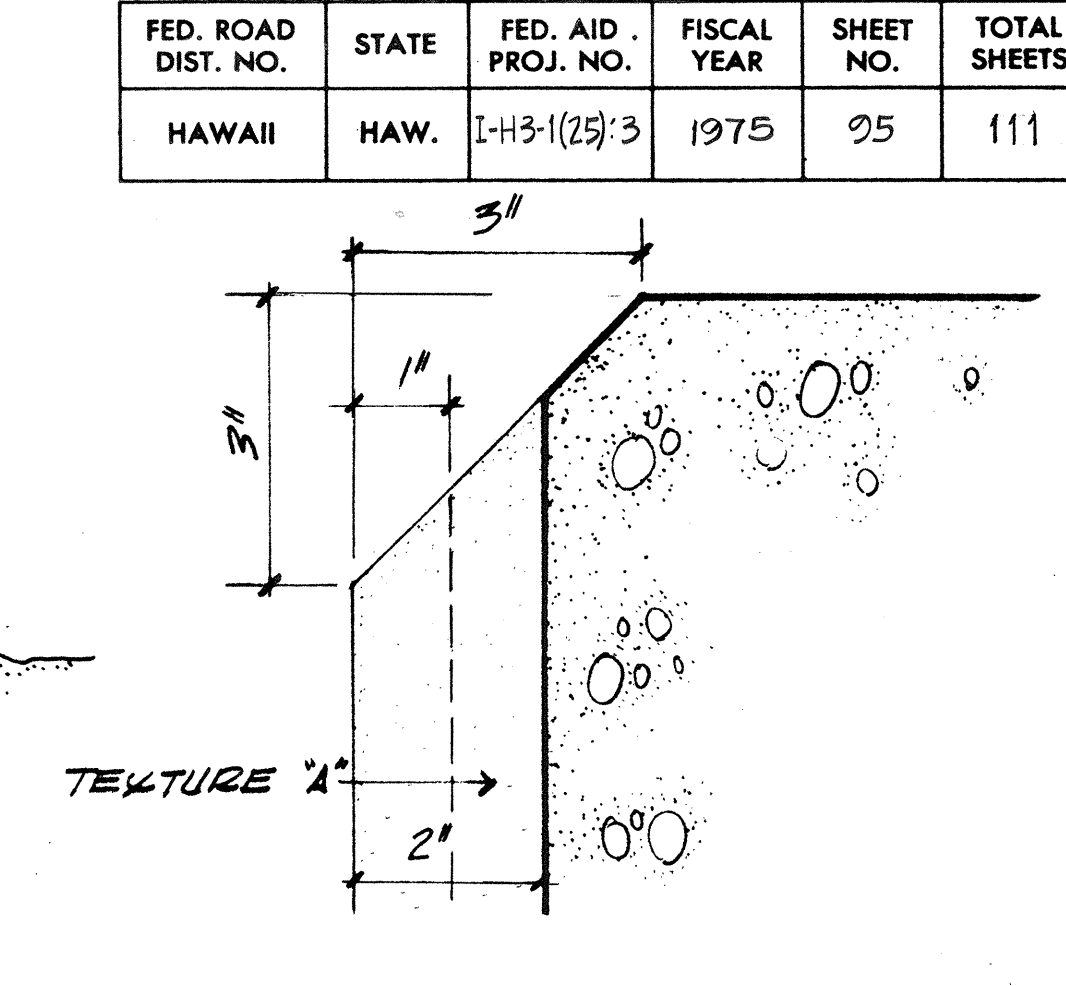
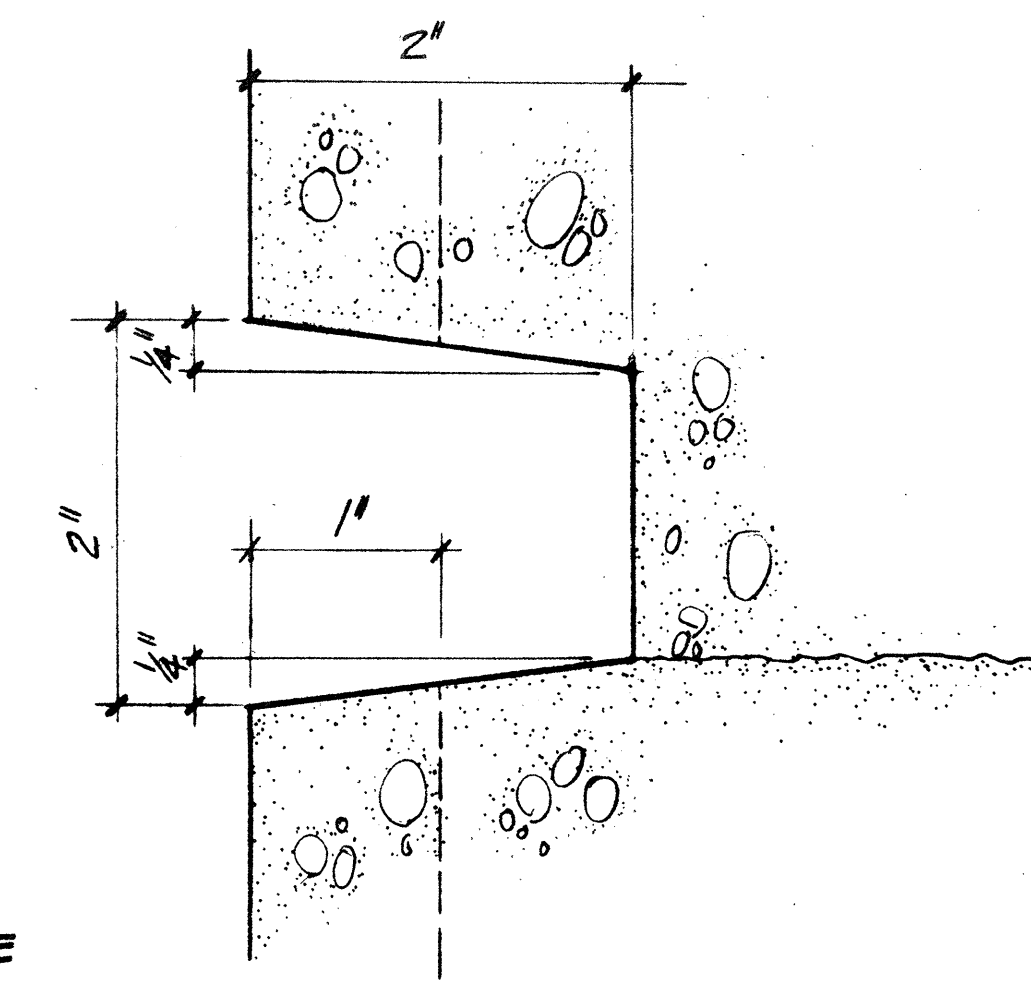
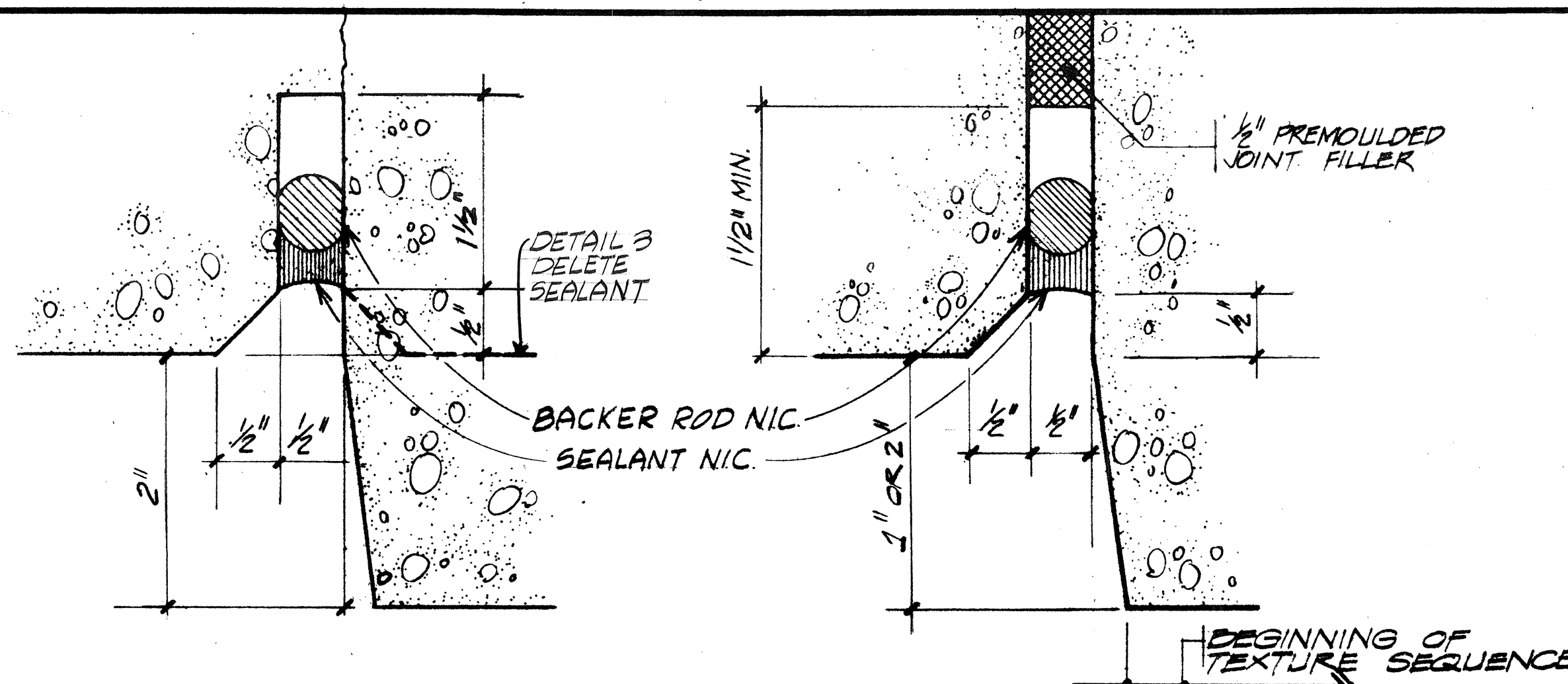
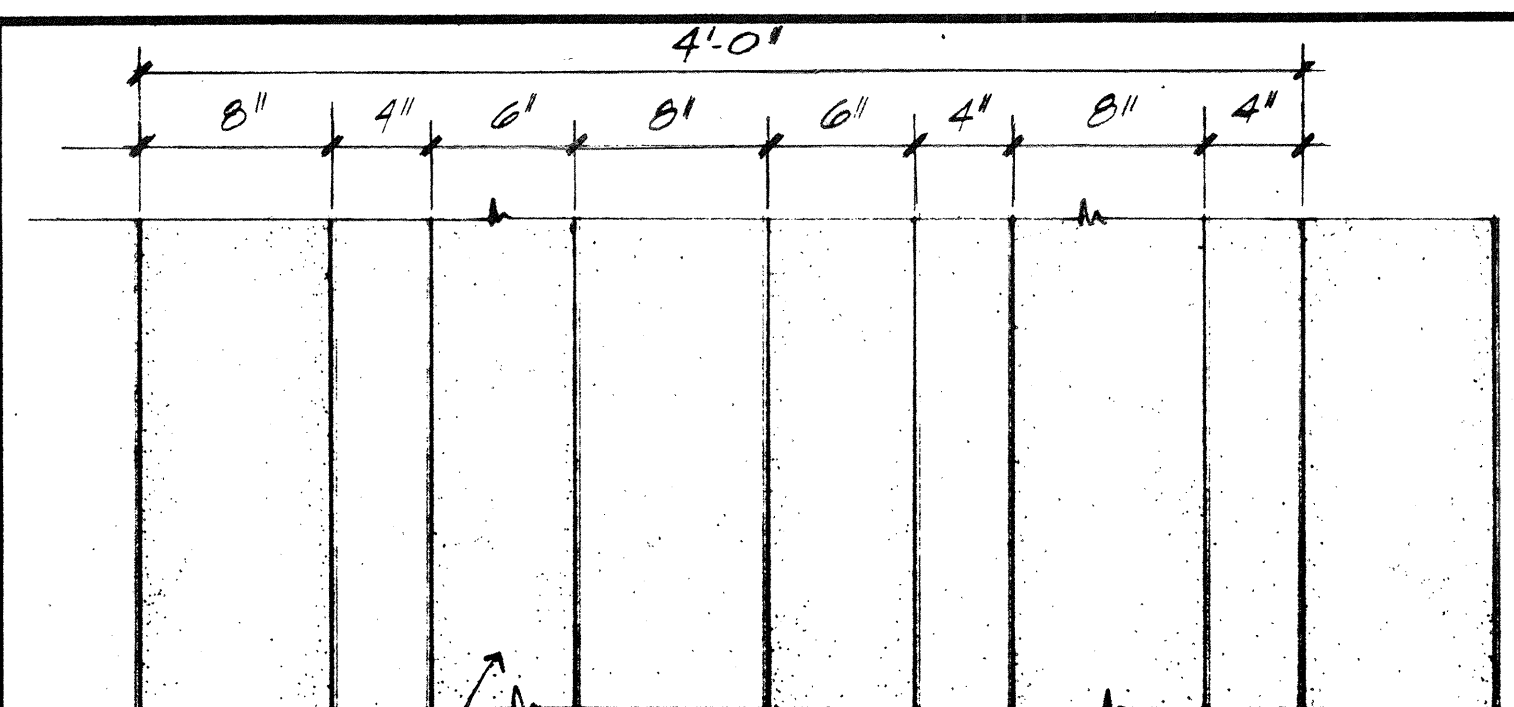
RED HILL TUNNELS

MOANALUA PORTAL
REFLECTED CEILING PLAN

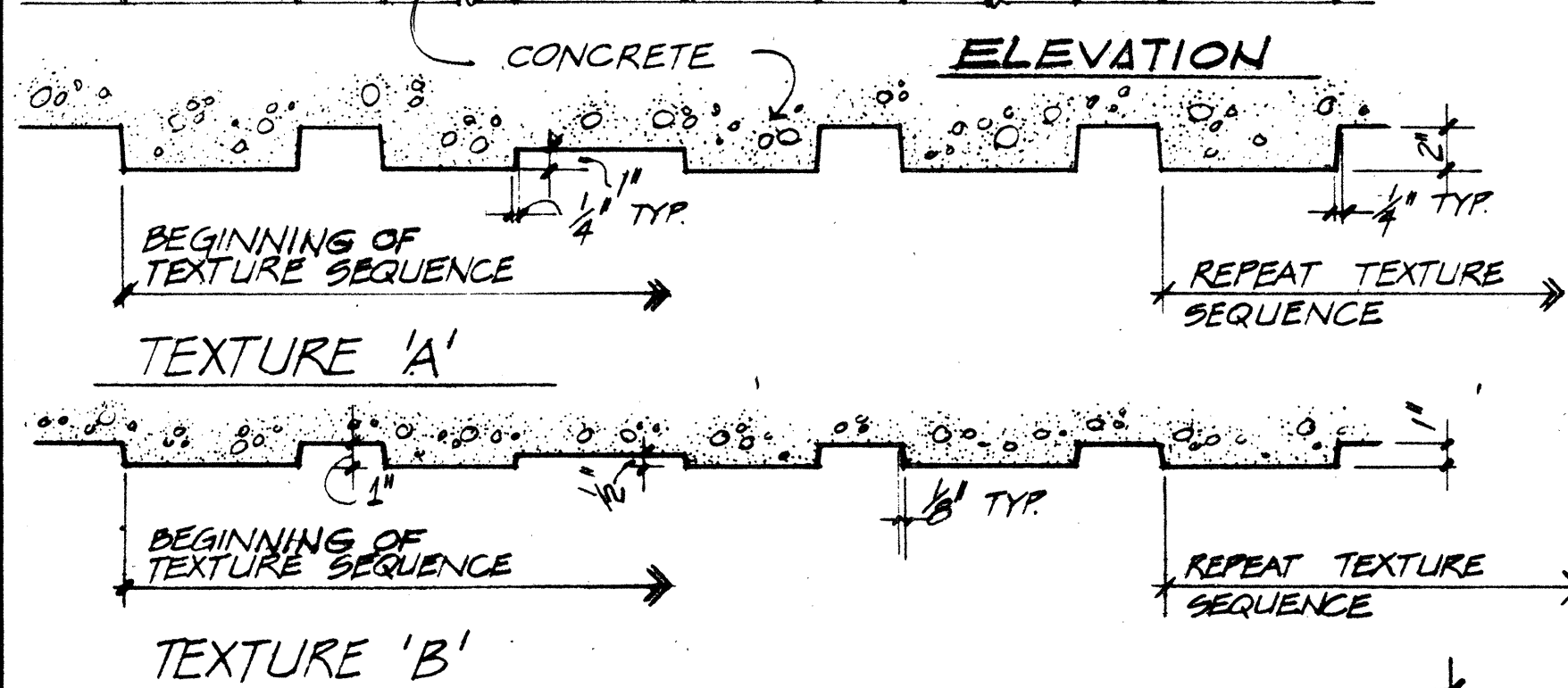
F.A.I. PROJECT NO. I-H3-1(25):3
SCALE: 1/4" = 1'-0" DATE: JAN 31, 1975

SHEET No. 4A OF 8A SHEETS

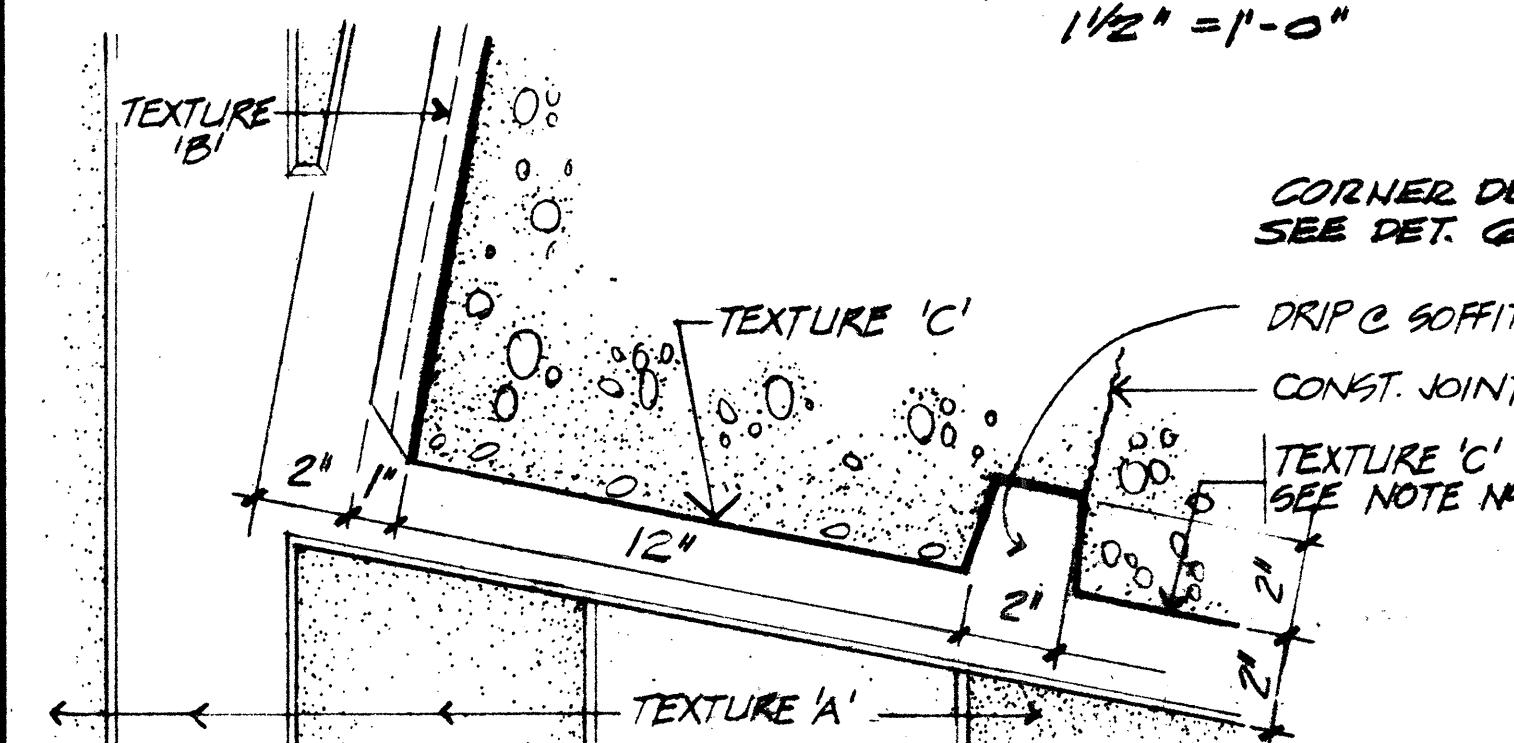
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H3-1(25)3	1975	95	111



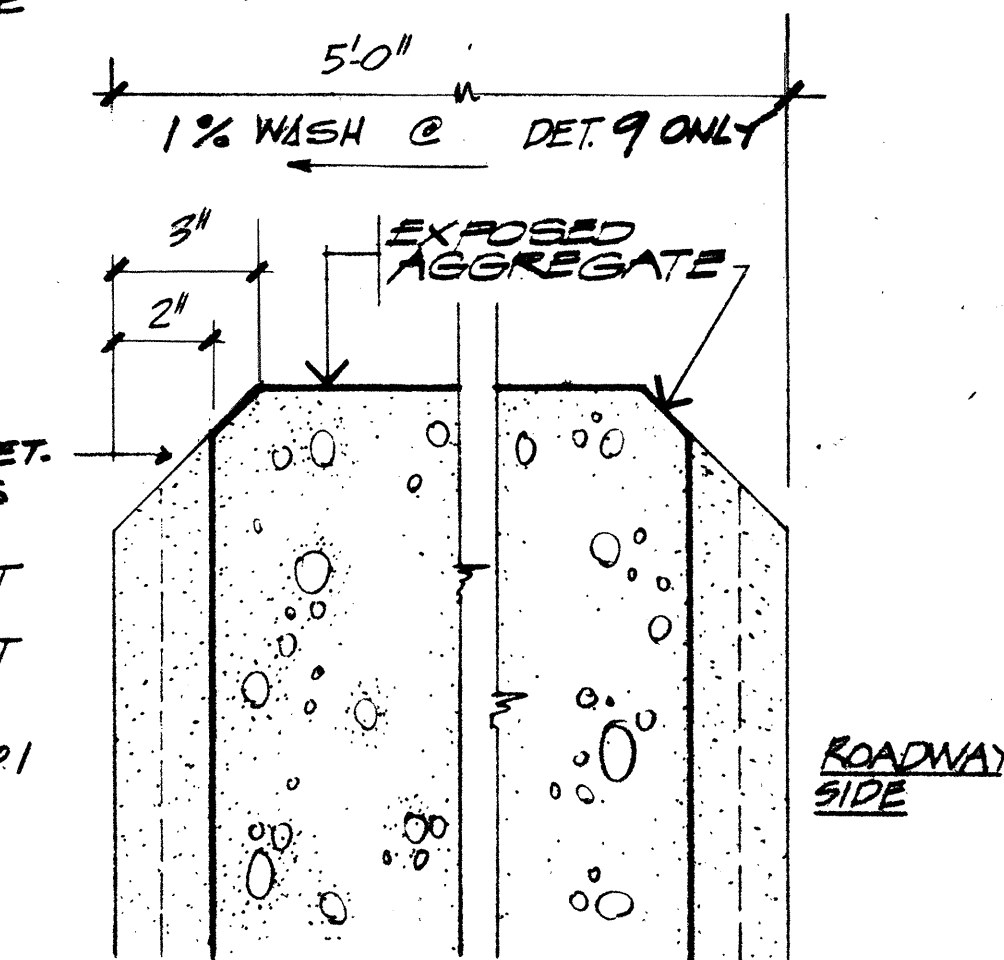
DETAIL 6 (SHT. 3A) CORNER DET. TEXTURE "A" 1/2" = 1'-0"



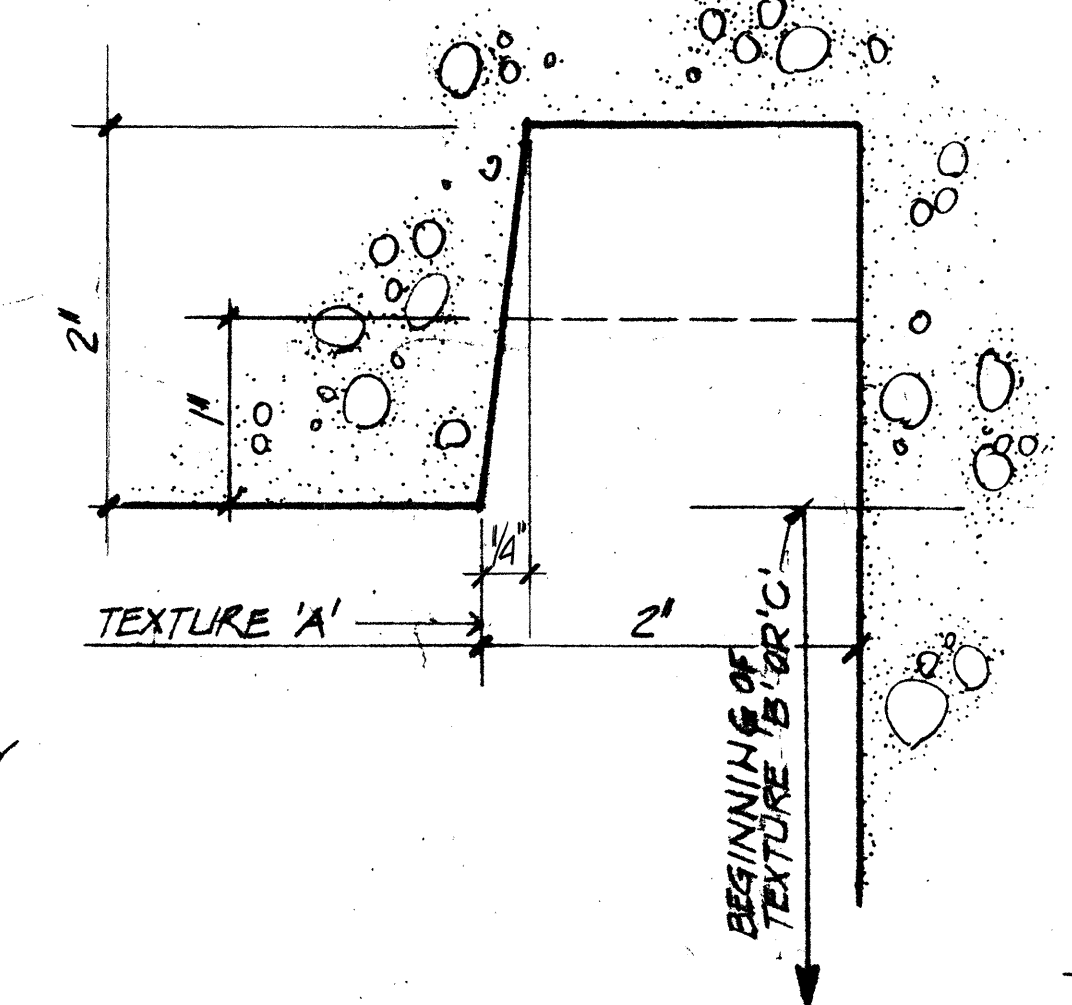
DETAIL 1 (SHT. 1A TO 3A) ELEVATION, SECTION & TEXTURE DET. 1/2" = 1'-0"



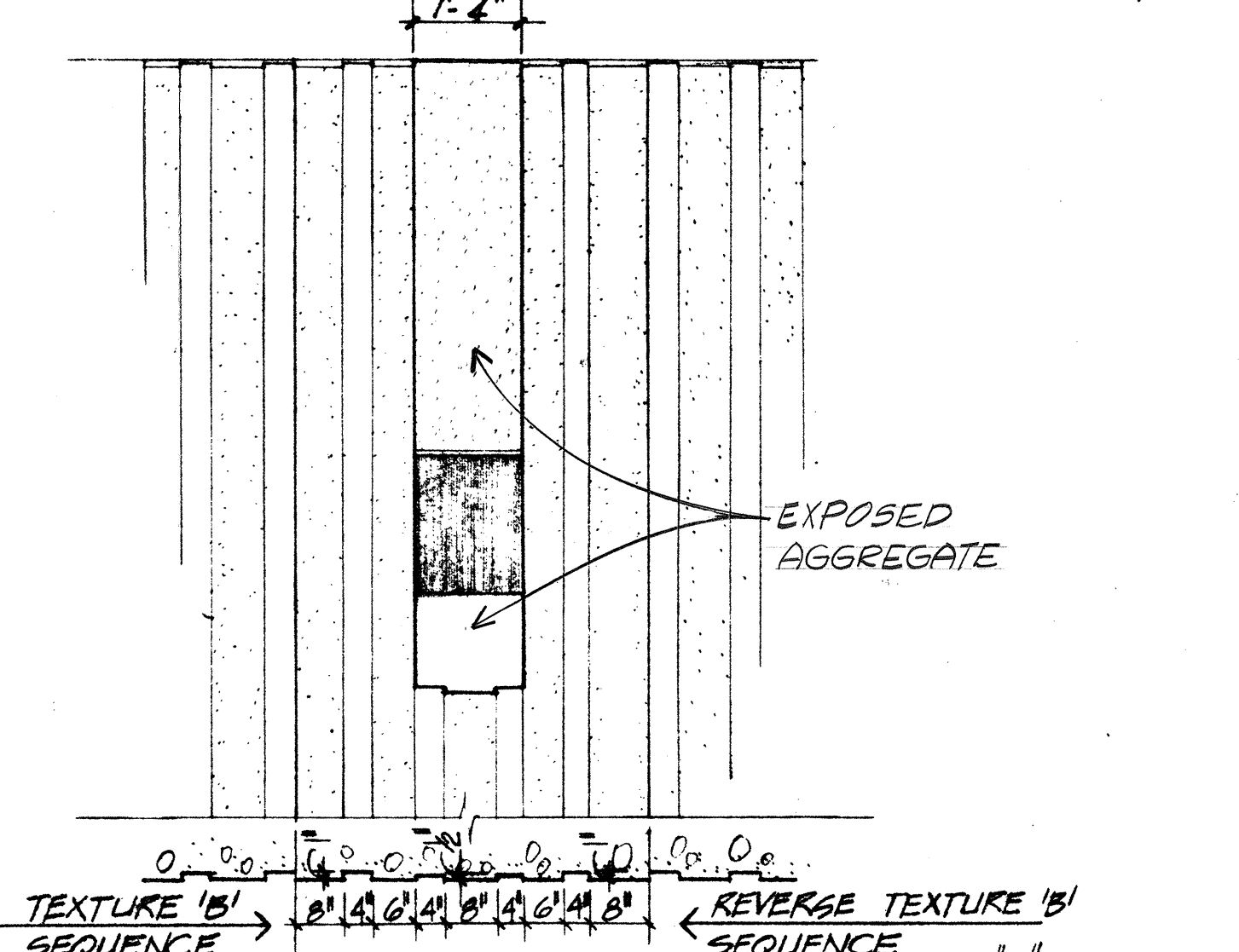
DETAIL 7 (SHT. 1A-2A-4A) SOFFIT, CORNER, & DRIP DETAIL 3/4" = 1'-0"



DETAIL 8 & 9 (SHT. 1A-2A-3A) SECTION AT WALL 3" = 1'-0"



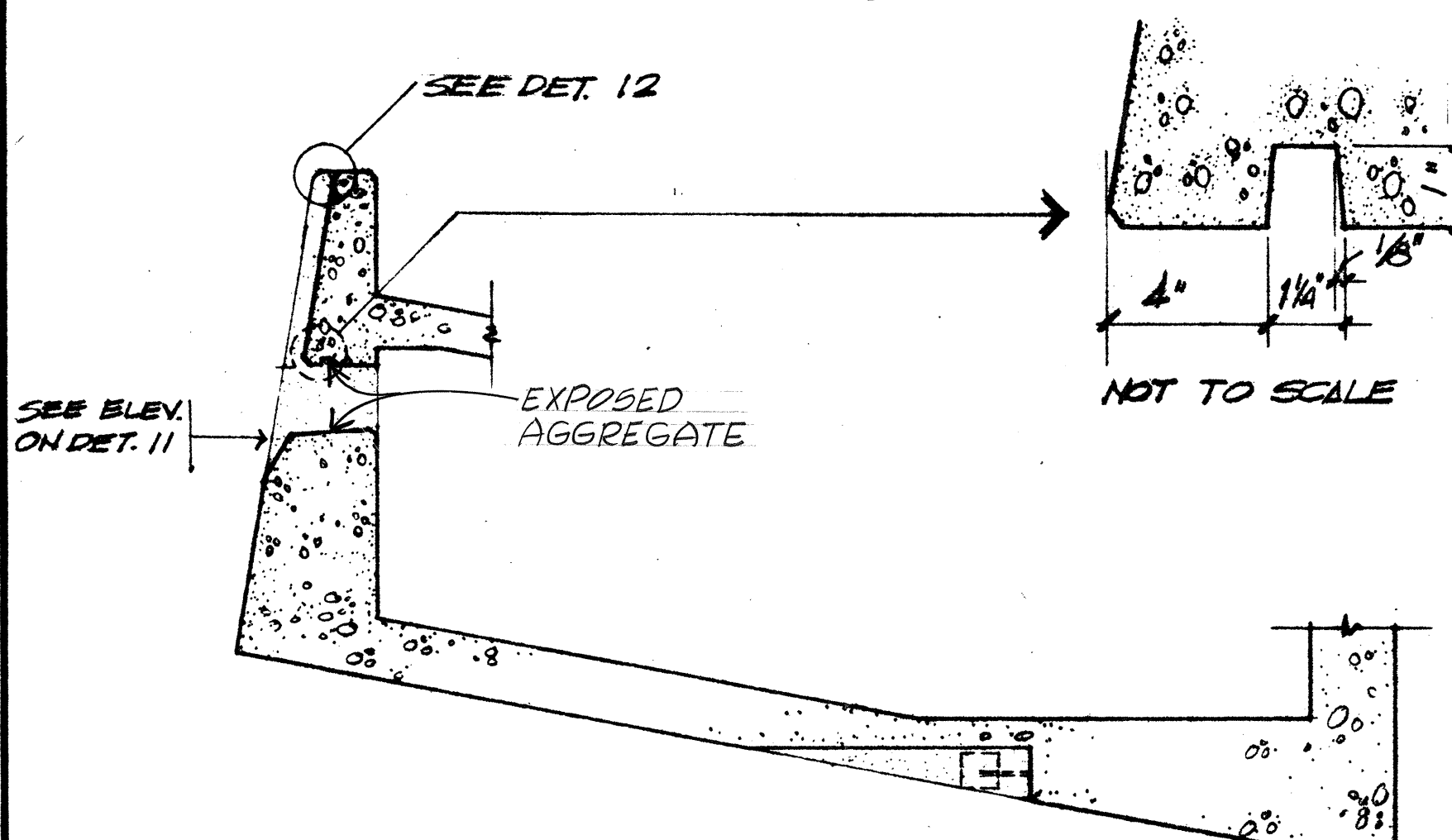
DETAIL 10 (SHT. 2A) AT SOFFIT & FASCIA FULL SIZE



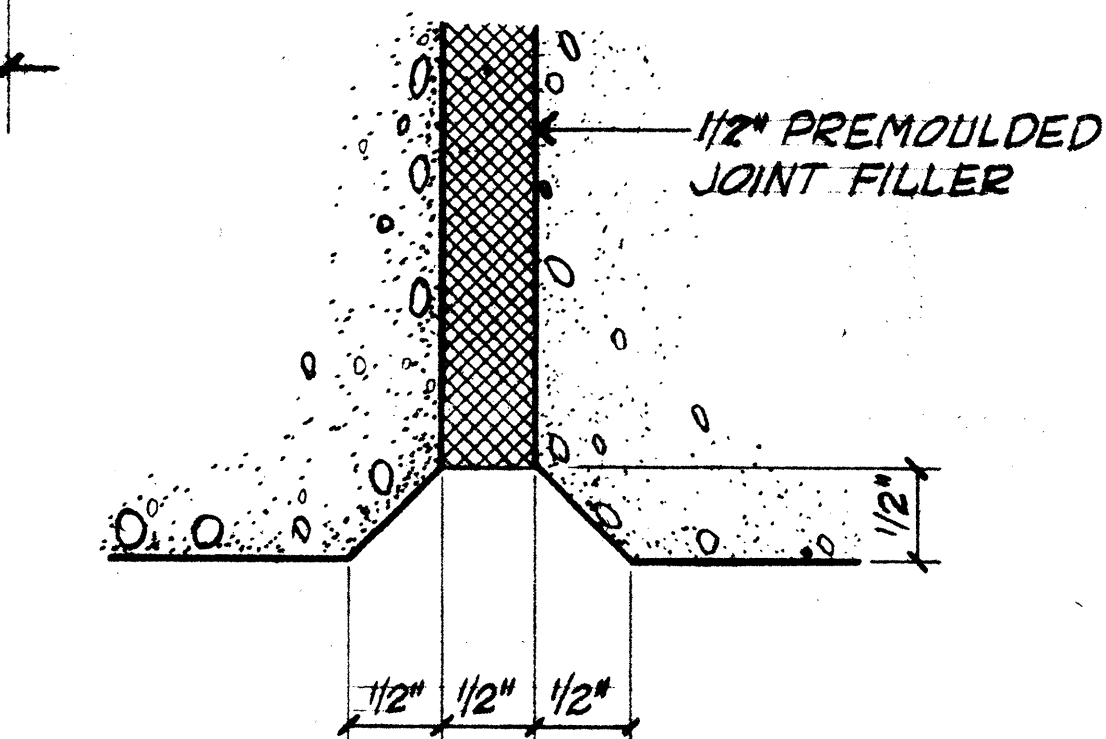
DETAIL 11 (SHT. 1A) TEXTURE AT TV CAMERA OPENING 1/2" = 1'-0"

DETAIL 12 (SHT. 1A) CORNER DETAIL TEXTURE "B" 1/2" = 1'-0"

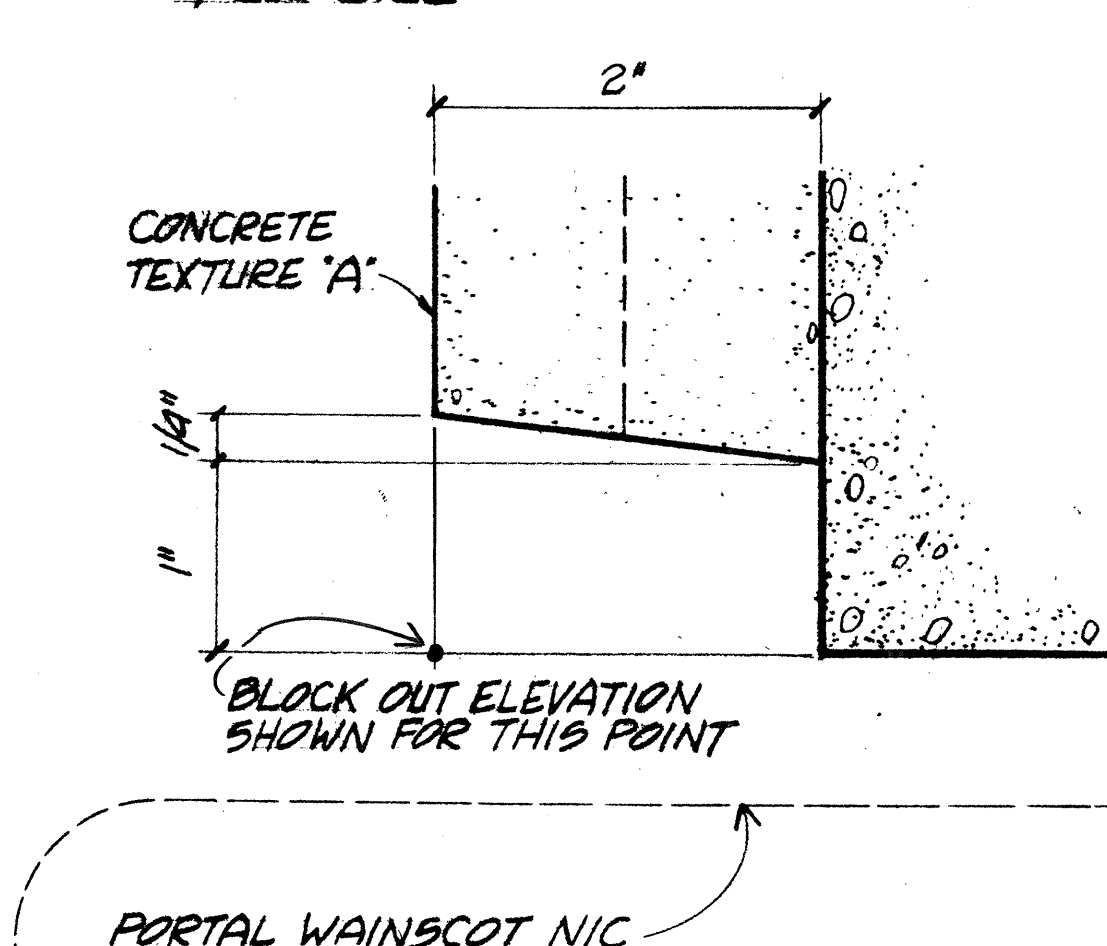
GENERAL NOTES:
1) TEXTURE "C" ROUGH BOARD FORMED CONCRETE ON FLAT SURFACE. SEE DETAIL 1 FOR SEQUENCE OF BOARD WIDTHS



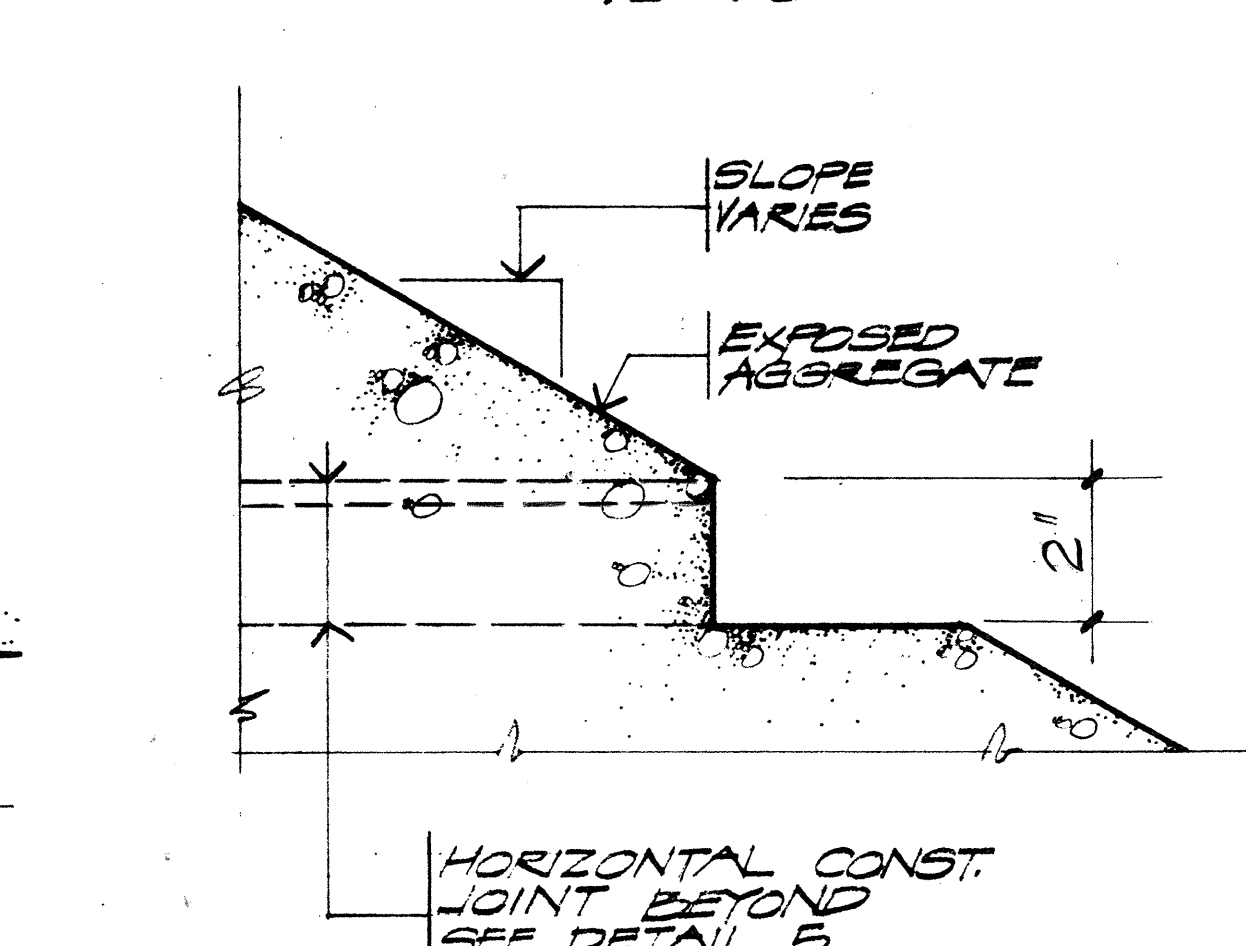
DETAIL 13 (SHT. 1A-4A) 1/4" = 1'-0"



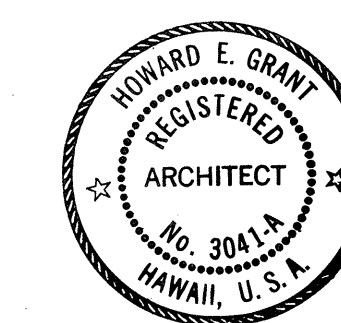
DETAIL 14 (SHT. 2A-3A-6A-7A) WAINSCOT RECESS FULL SIZE



DETAIL 15 AT WAINSCOT RECESS FULL SIZE



DETAIL 16 CONST. JOINT (SHT. 1A) 1/2" FULL SIZE



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DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

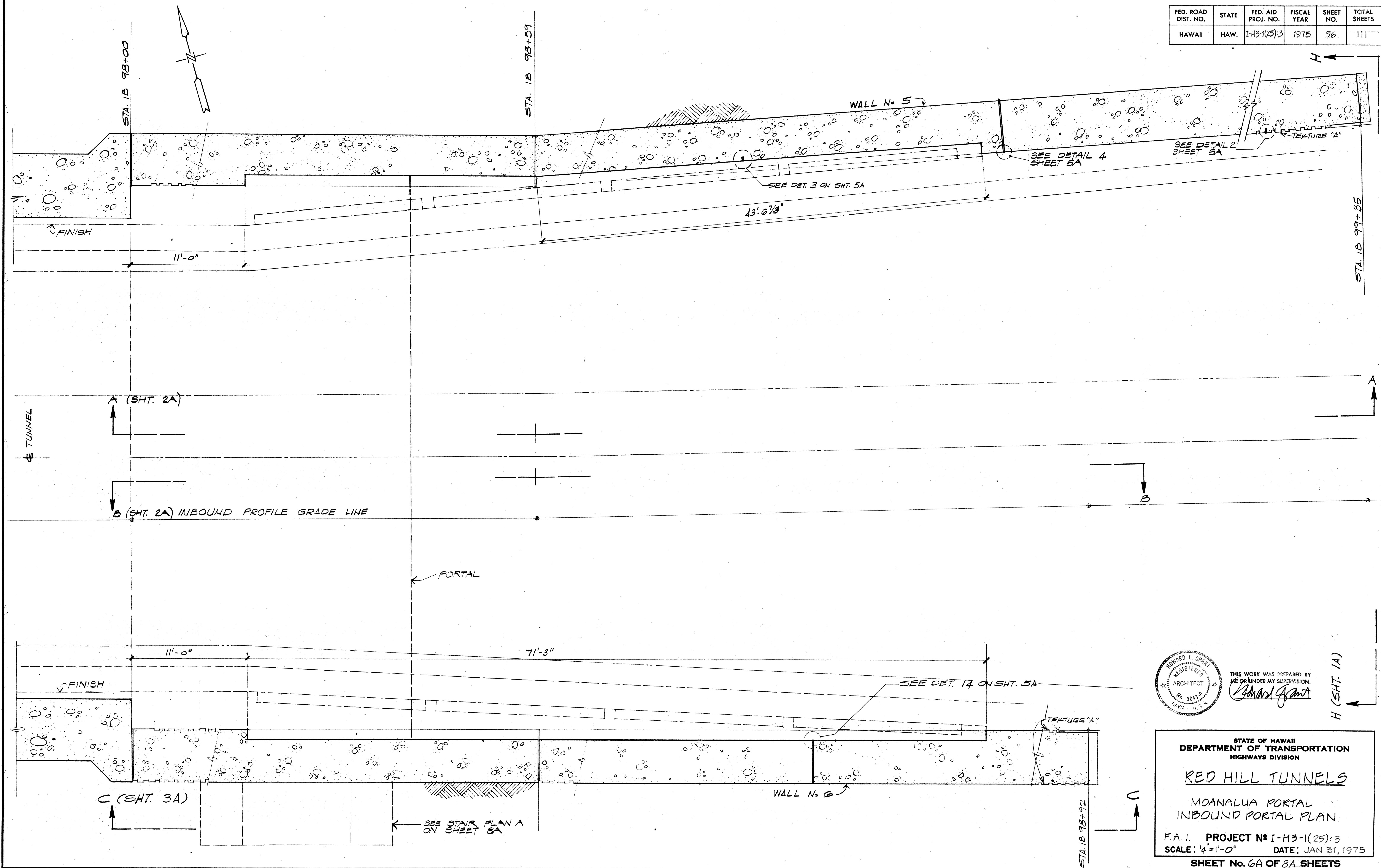
RED HILL TUNNELS

MOANALUA PORTAL
CONCRETE FINISH DETAILS

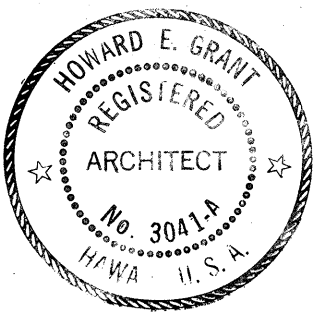
F.A.I. PROJECT NO. I-H3-1(25)3
SCALE: AS NOTED DATE: JAN 31, 1975
SHEET No. 5A OF 8A SHEETS

DATE: 1/31/75
DRAWN BY: L. H. HARRIS
CHECKED BY: H. FREEMAN
ORIGINAL PLAN
NOTE BOOK

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H3-1(25):3	1975	96	111



SURVEY PLOTTED BY: L. M. BROWN
 DATE: 1/31/75
 DRAWN BY: L. M. BROWN
 CHECKED BY: A. FREEMAN
 NOTE BOOK: 3041A
 NO. 1



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STATE OF HAWAII
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 HIGHWAYS DIVISION

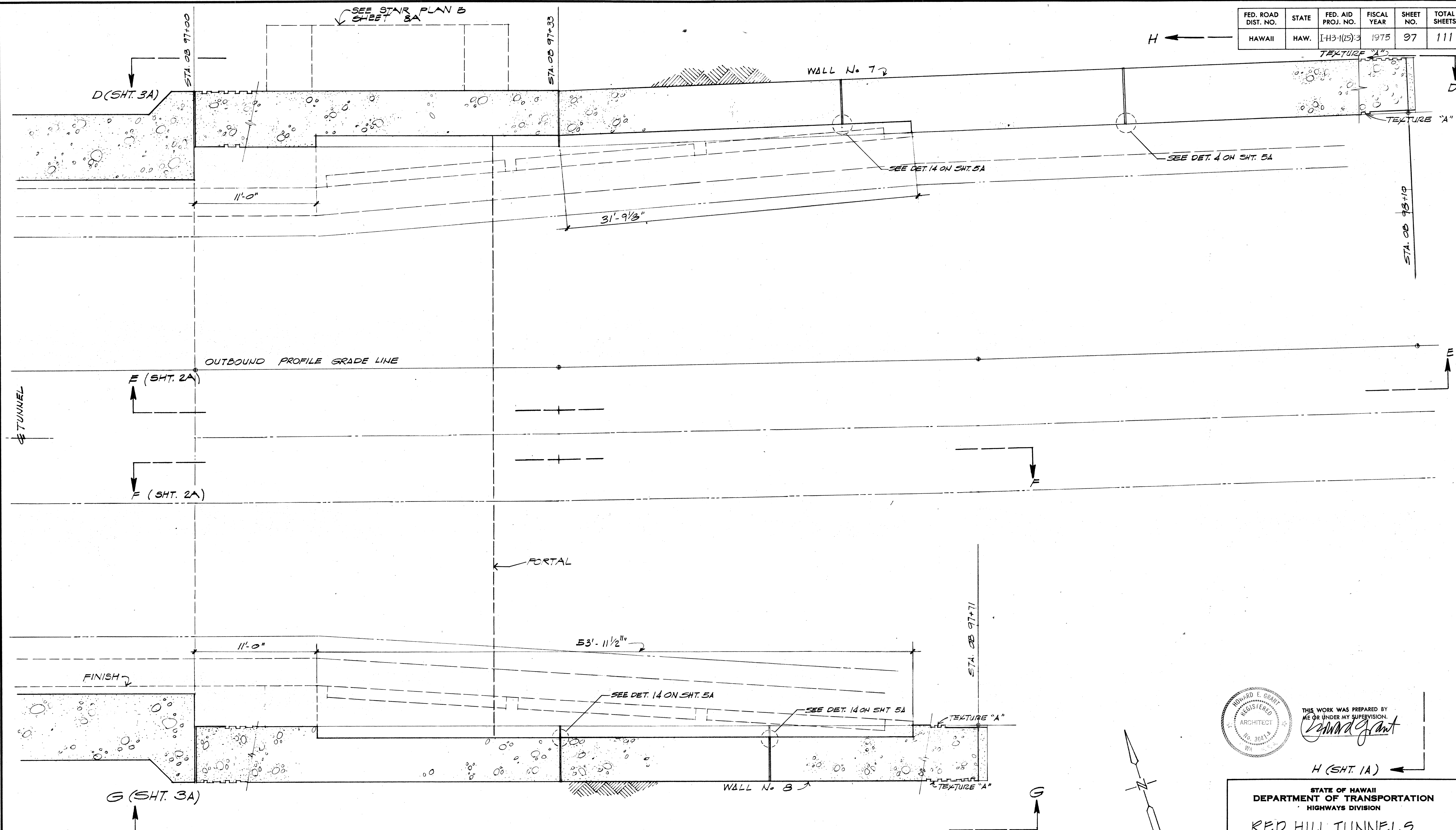
RED HILL TUNNELS

MOANALUA PORTAL
 INBOUND PORTAL PLAN

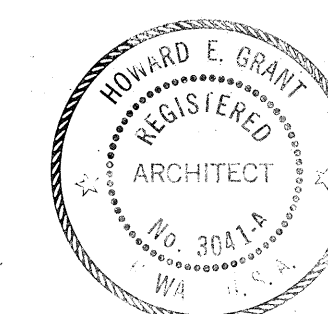
F.A.I. PROJECT NO. I-H3-1(25):3
 SCALE: 4"=1'-0" DATE: JAN 31, 1975

SHEET No. 6A OF 8A SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H3-1(25):3	1975	97	111



SURVEY PLOTTED BY: ALBERTA A. BRENNI
 DRAWN BY: ALBERTA A. BRENNI
 DESIGNED BY: ALBERTA A. BRENNI
 CHECKED BY: A. FREEMAN
 ORIGINAL PLAN
 NOTE BOOK
 No.



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Howard E. Grant

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
RED HILL TUNNELS
 MOANALUA PORTAL
 OUTBOUND PORTAL PLAN
 F.A.I. PROJECT NO. I-H3-1(25):3
 SCALE: 4"=1'-0" DATE: JAN 31, 1975
 SHEET No. 7A OF 8A SHEETS

