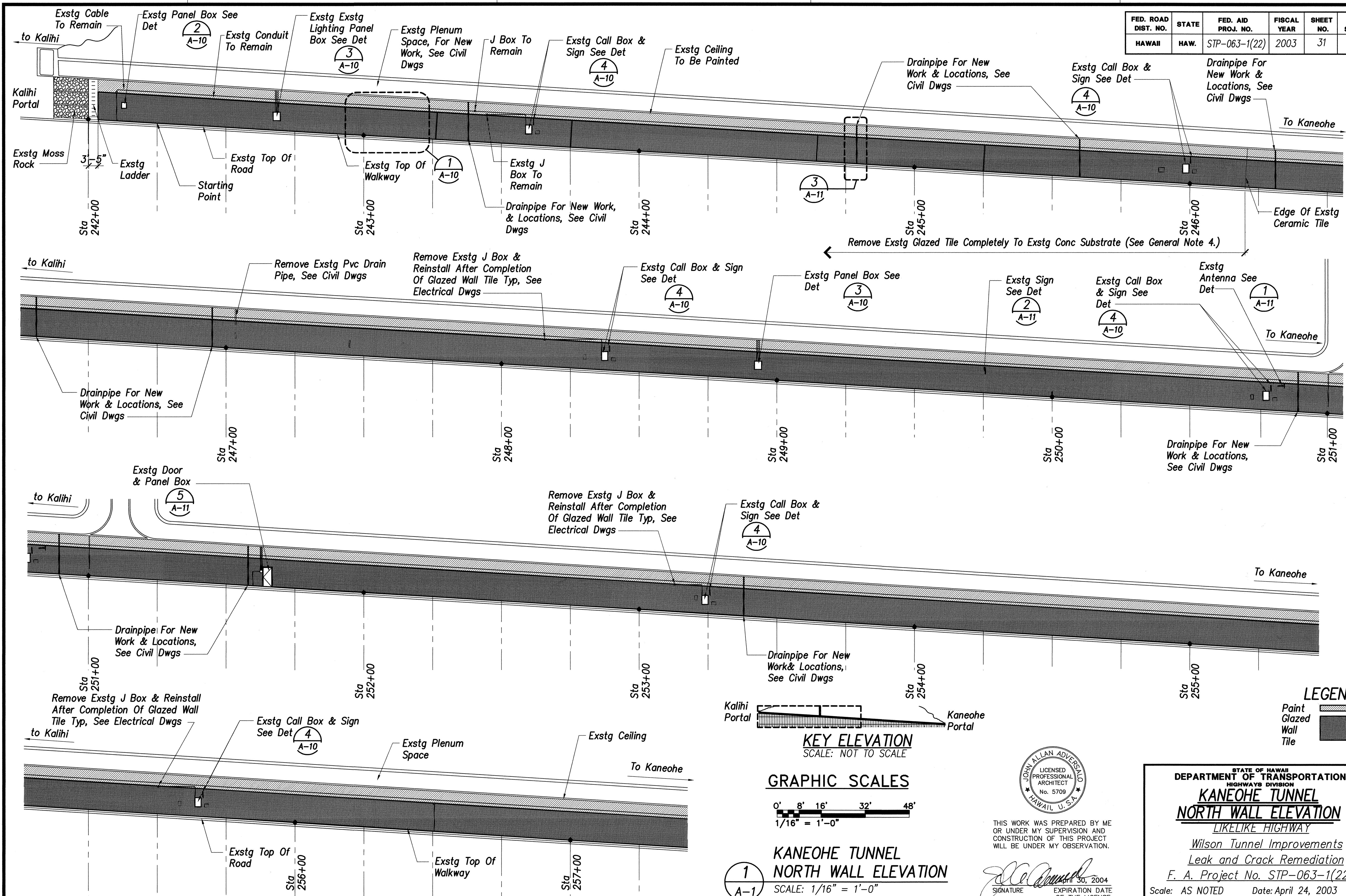
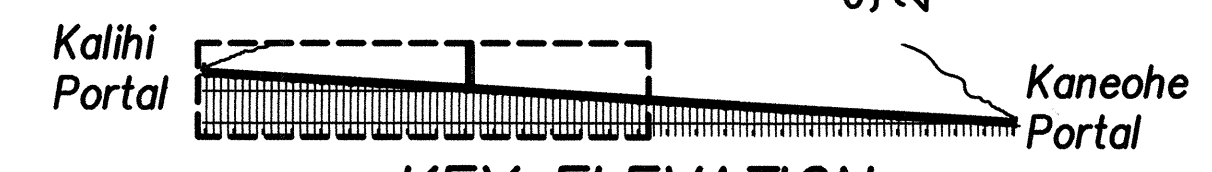


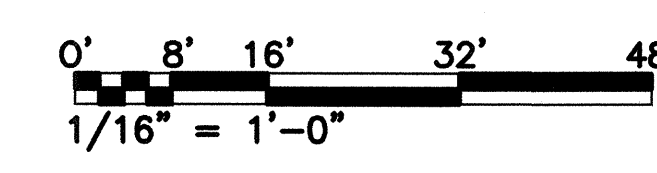
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-063-1(22)	2003	31	69



DESIGNED BY	DATE
DRAWN BY	
CHECKED BY	
NOTED BY	
QUANTITIES BY	
ORIGINAL PLAN	



GRAPHIC SCALES



**Kaneohe Tunnel
NORTH WALL ELEVATION**
SCALE: 1/16" = 1'-0"



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.

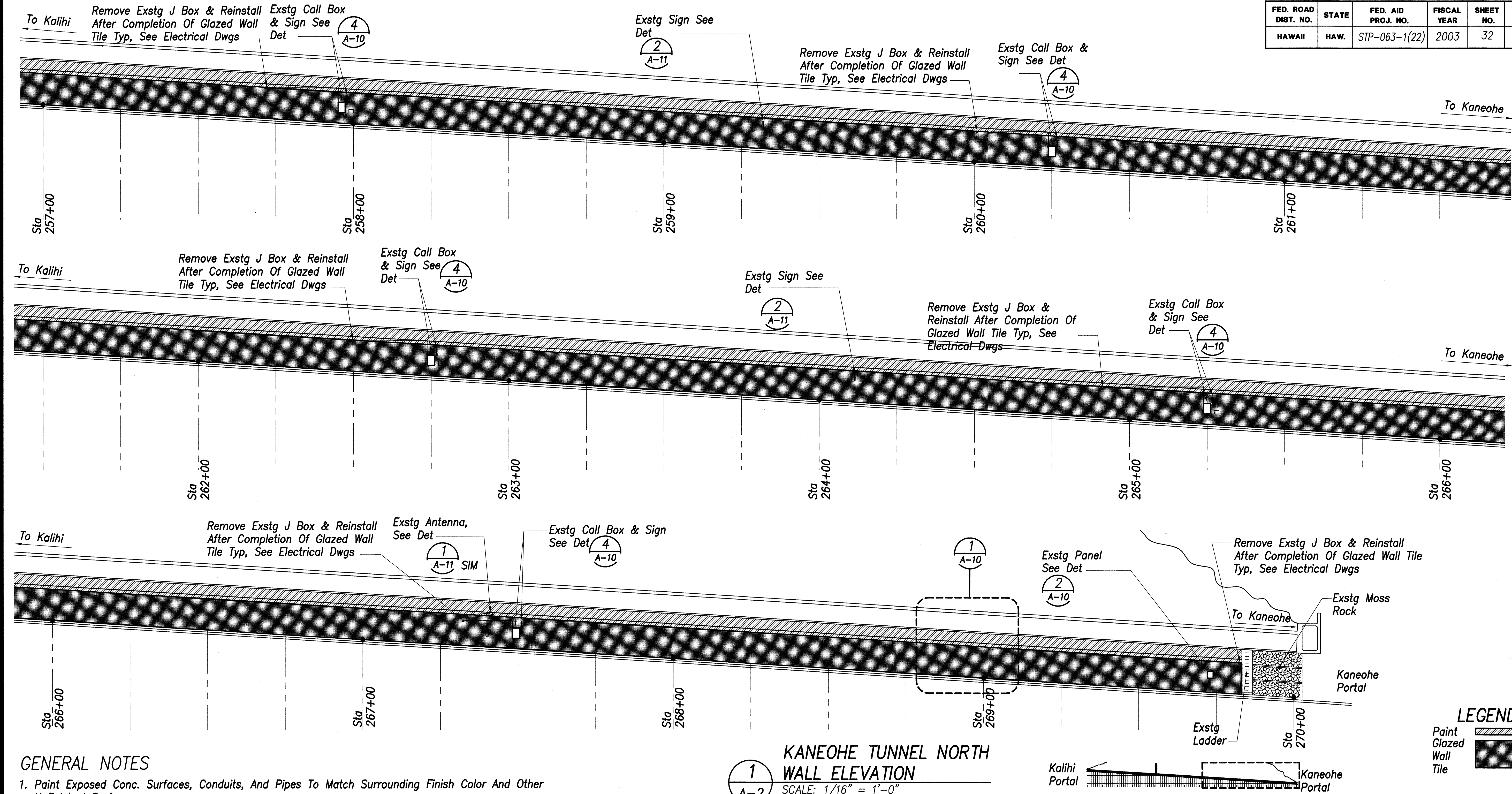
SIGNATURE: *[Signature]*
EXPIRATION DATE OF THE LICENSE: April 30, 2004

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
Kaneohe Tunnel
NORTH WALL ELEVATION
LIKELIKE HIGHWAY
Wilson Tunnel Improvements
Leak and Crack Remediation
F. A. Project No. STP-063-1(22)
Scale: AS NOTED Date: April 24, 2003
SHEET No. A-1 OF 13 SHEETS

LEGEND

Paint	[Hatched Pattern]
Glazed Wall	[Solid Dark Pattern]
Tile	[Solid Light Pattern]

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-063-1(22)	2003	32	69



GENERAL NOTES

1. Paint Exposed Conc. Surfaces, Conduits, And Pipes To Match Surrounding Finish Color And Other Unfinished Surfaces.
2. Provide Bullnose Or Radial Skirting Glazed Wall Tile Around Panels, Doors, Etc.
3. Contractor Is Responsible To Visit Project Site, And Conditions Prior To Bidding, And Notify SDOT Immediately Of Any Concerns And/or Discrepancies.
4. Demolish Approximate 24,200 Sf Of Exstg Glazed Wall Tile, Mortar Bed, And Other Associated Accessories. Patch With Portland Cement Base Skimcoat To A Smooth Paintable Surface.
5. Verify With SDOT Which Exstg Cover Plate To Be Abandoned Or To Remain Accessible. Where Items To Be Reinstalled, Provide New Fasteners, And Anchors If Necessary And To Be Incidental to Tunnel Wall Finish.
6. Prior To Installation Of Glazed Tiles And Painting, Seal Cracks That Show Evidence Of Leaks With Polyurethane Grout Such As Concrevis 1230 Manufactured By Master Builders Or HA Flex LV Manufactured By De Neef Or Approved Equal. For Damp And Wet Surfaces, Seal With Waterproof Grout.
7. The Contractor shall provide temporary relocation of cellular phone antennas, conduits and any other structures required to install the tile. The cost of temporary relocation shall be incidental to 661.0100 Glazed Tunnel Wall Tile.

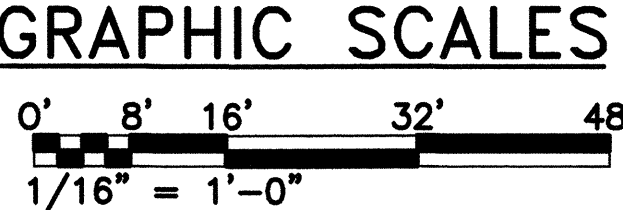
KANEOHE TUNNEL NORTH WALL ELEVATION
SCALE: 1/16" = 1'-0"

KEY ELEVATION
SCALE: NOT TO SCALE



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SIGNATURE: *John A. Adversano*
EXPIRATION DATE OF THE LICENSE: April 30, 2004



LEGEND

Paint	[Hatched pattern]
Glazed Wall	[Solid black pattern]
Tile	[Dotted pattern]

DATE	REVISION
6-20-03	Revised Notes

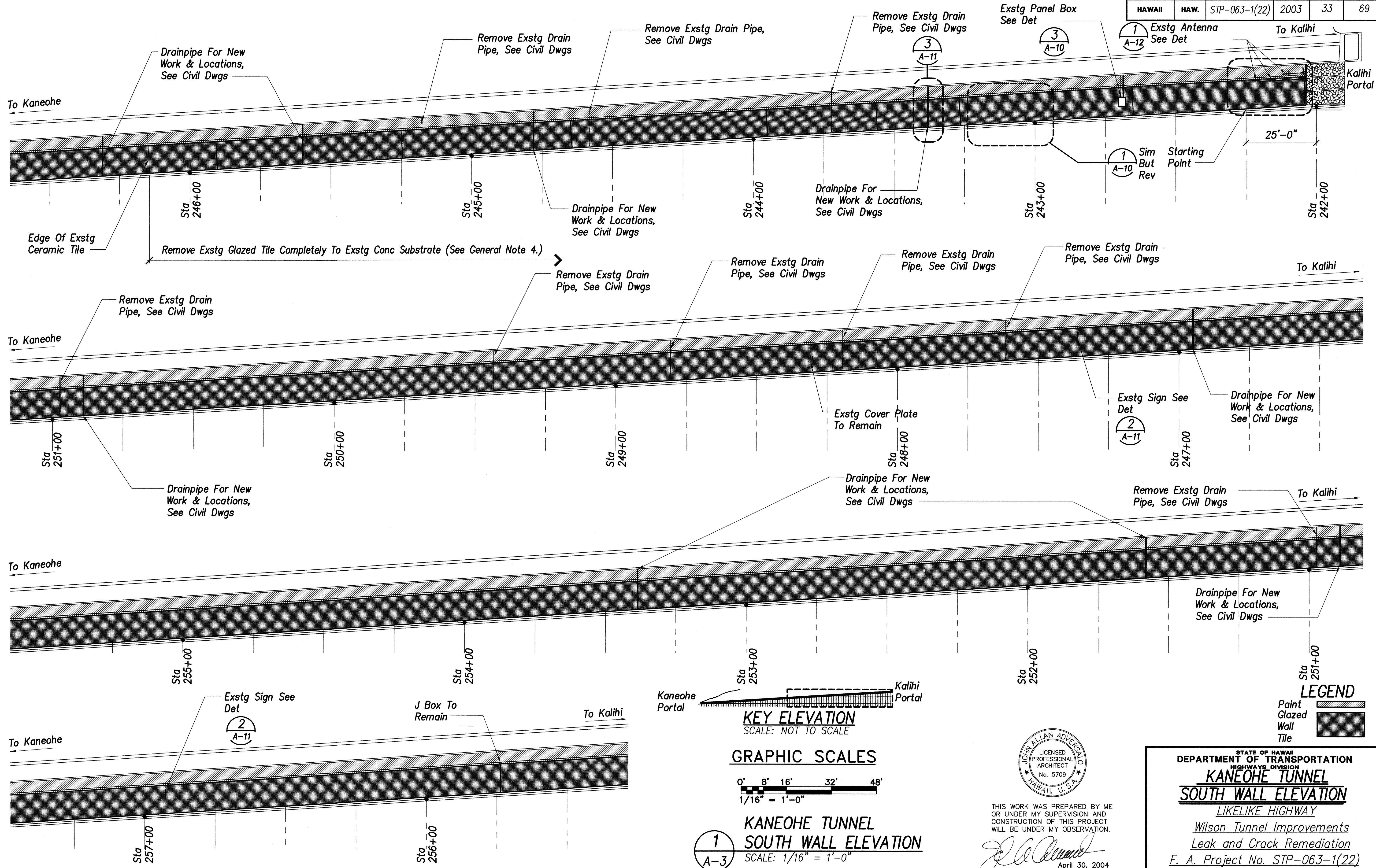
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
KANEOHE TUNNEL
NORTH WALL ELEVATION
LIKELIKE HIGHWAY
Wilson Tunnel Improvements
Leak and Crack Remediation
F. A. Project No. STP-063-1(22)
Scale: AS NOTED Date: April 24, 2003

SHEET No. A-2 OF 13 SHEETS

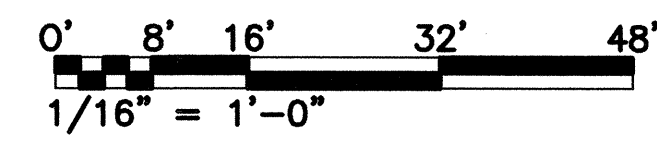
ADD 32

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

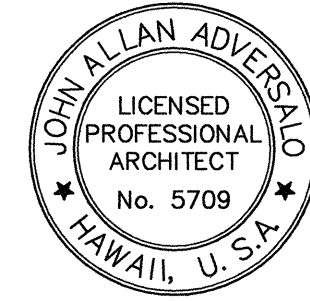
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HAWAII	HAW.	STP-063-1(22)	2003	33	69



GRAPHIC SCALES



KANEOHE TUNNEL SOUTH WALL ELEVATION
SCALE: 1/16" = 1'-0"



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[Signature]
SIGNATURE
April 30, 2004
EXPIRATION DATE OF THE LICENSE

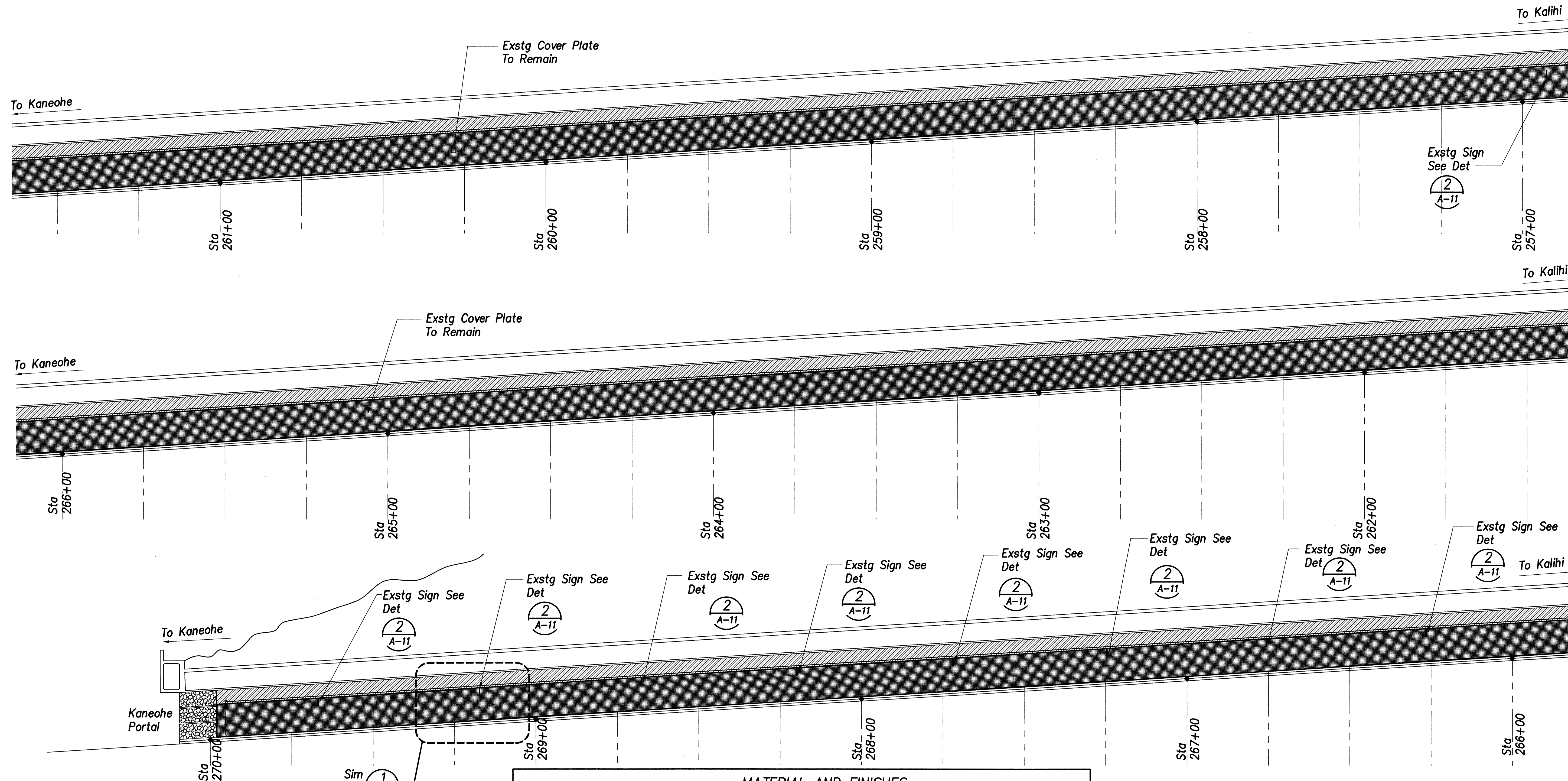
LEGEND

Paint Glazed Wall Tile	
------------------------	--

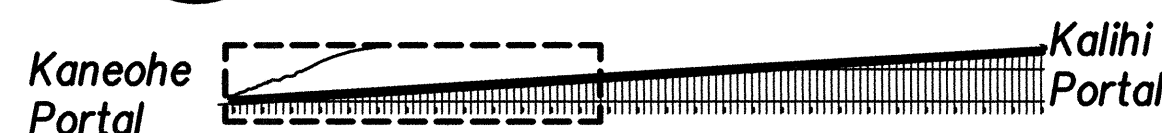
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
KANEOHE TUNNEL
SOUTH WALL ELEVATION
LIKELIKE HIGHWAY
Wilson Tunnel Improvements
Leak and Crack Remediation
F. A. Project No. STP-063-1(22)
Scale: AS NOTED Date: April 24, 2003
SHEET No. A-3 OF 13 SHEETS

ORIGINAL PLAN	DATE
SURVEY PLANNED BY	
DESIGNED BY	
NOTED BY	
CHECKED BY	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-063-1(22)	2003	34	69

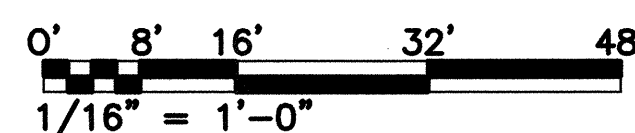


KANEOHE TUNNEL SOUTH WALL ELEVATION
 SCALE: 1/16" = 1'-0"

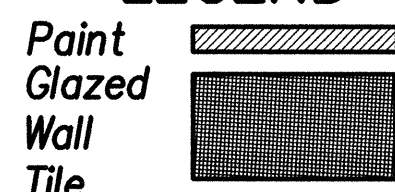


KEY ELEVATION
 SCALE: NOT TO SCALE

GRAPHIC SCALES



LEGEND



MATERIAL AND FINISHES					
Abbrev	MATERIAL	DESCRIPTION	MANUFACTURER	COLOR	REMARKS
Pt-1	Paint	Wall And Ceiling	Benjamin Moore Industrial Maintenance Coatings	Black	
Gwt-1	Glazed Wall Tile	Wall Tile	DSA, Inc.	light Yellow (510)	
Gwt-2	Glazed Wall Tile	Wall Tile	DSA, Inc.	Soft Green (521)	
Gwt-3	Glazed Wall Tile	Wall Tile	DSA, Inc.	Distinct Green (541)	

FINISH SCHEDULE NOTES :

1. Materials And Finishes Specified Are Intended To Be Used As A Guide To Designate Color And Pattern.
2. Other Brands Equal To That Mentioned May Be Used Provided They Match The Designated Color And Pattern And Meet Requirements Of The Specifications.
3. General Contractor And Engineer Will Approve Selection Prior To Ordering Of Materials And Finishes.



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[Signature]
 April 30, 2004
 SIGNATURE EXPIRATION DATE OF THE LICENSE

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
KANEOHE TUNNEL
SOUTH WALL ELEVATION
 LIKELIKE HIGHWAY
 Wilson Tunnel Improvements
 Leak and Crack Remediation
 F. A. Project No. STP-063-1(22)
 Scale: AS NOTED Date: April 24, 2003
SHEET No. A-4 OF 13 SHEETS