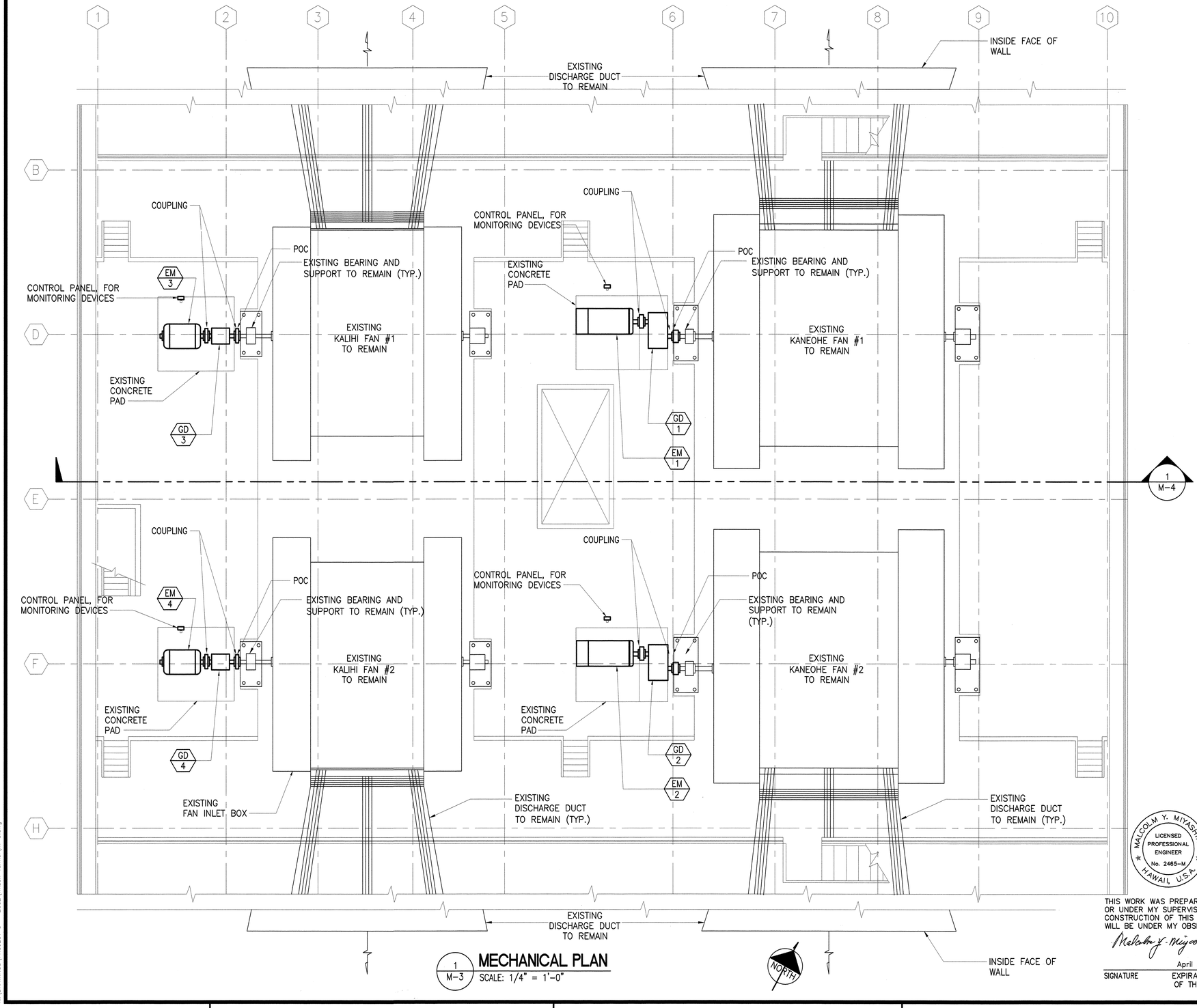
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-063-1(22)	2003	46	69

NOTES

CONTRACTOR SHALL ALIGN NEW MOTORS AND GEAR DRIVES WITH THE EXISTING FAN SHAFTS. IMPROPER ALIGNMENT MAY PRODUCE VIBRATION AND CAUSE PREMATURE BEARING FAILURE. CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGES CAUSED BY EXCESSIVE VIBRATION.



1 M-3 **MECHANICAL PLAN**
SCALE: 1/4" = 1'-0"

GRAPHIC SCALE
0 2' 4' 6' 8' 10' 12'
SCALE: 1/4" = 1'

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

M:\DRAWINGS\PROJECT 5 - 2002\Wilson Tunnel\m-3.dwg

MALCOLM Y. MIYASHIRO
LICENSED PROFESSIONAL ENGINEER
No. 2465-M
HAWAII, U.S.A.

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

Malcolm Y. Miyashiro

April 30, 2004
SIGNATURE — EXPIRATION DATE OF THE LICENSE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

MECHANICAL PLAN

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. M-3 OF 4 SHEETS