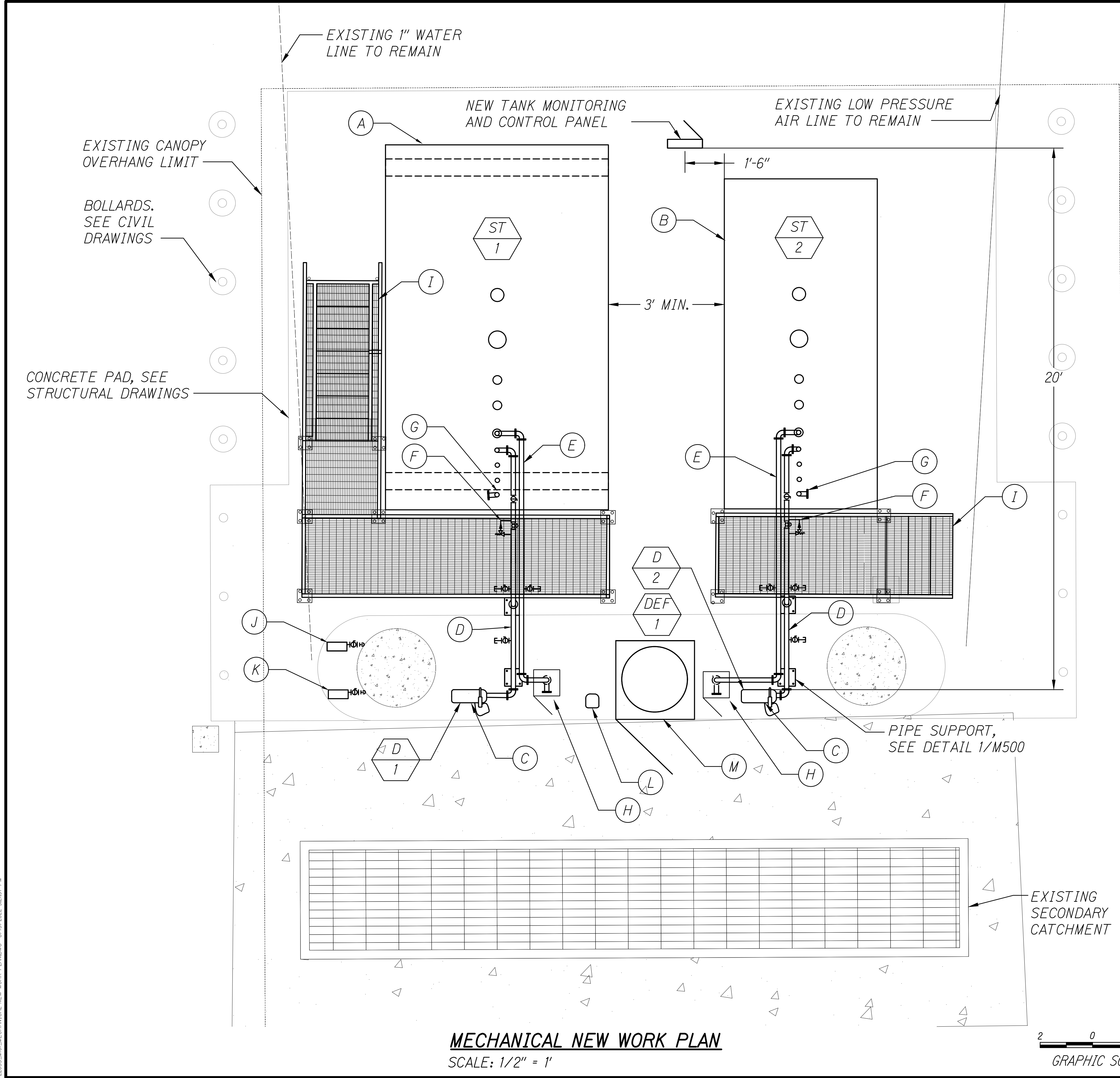


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-M-03-21, PHASE 2	2022	22	46

NEW WORK - KEY NOTES

- (A) PROVIDE NEW 5000 GALLON DIESEL STORAGE TANK
- (B) PROVIDE NEW 2,000 GALLON GASOLINE TANK
- (C) PROVIDE NEW DISPENSER WITH INTEGRAL PUMP AND FUEL FILTER. FILL NOZZLE WITH 12' FILL HOSE. REFER TO M500 FOR DISPENSER LABEL DETAIL.
- (D) PROVIDE 2" FLANGED, CL150 FUEL SUPPLY PIPING INCLUDING FOOT VALVE, LOW POINT DRAIN, AND MANUAL AIR VENT. PROVIDE NEW PIPE SUPPORTS AS REQUIRED. REFER TO M500 FOR PRODUCT FLOW SYMBOL DETAIL.
- (E) PROVIDE 2" FLANGED, CL150 FUEL FILL PIPE INCLUDING CAMLOCK CONNECTION, BALL VALVE, AND MANUAL AIR VENT. PROVIDE NEW PIPE SUPPORTS AS REQUIRED. REFER TO M500 FOR PRODUCT FLOW SYMBOL DETAIL.
- (F) PROVIDE ANTI-SIPHON MOTORIZED BALL VALVE ON THE FUEL SUPPLY LINE. CONNECT ANTI-SIPHON BALL VALVE CONTROL PANEL. PRESSURE RELIEVE VALVE ACROSS ANTI-SIPHON MOTORIZED BALL VALVE AND MANUAL BALL VALVE.
- (G) PROVIDE CAMLOCK CONNECTION FOR WATER DRAW-OFF. PROVIDE DROP PIPE WITH FOOT VALVE WITHIN 1" OF TANK BOTTOM.
- (H) PROVIDE NEW 2" CAMLOCK CONNECTION AND ISOLATION BALL VALVE IN STAINLESS STEEL REMOTE FILL ENCLOSURE.
- (I) PROVIDE NEW ACCESS STAIR AND PLATFORM
- (J) PROVIDE NEW 50' WATER HOSE REEL. POC AT BALL VALVE.
- (K) PROVIDE NEW 50' AIR HOSE REEL, POC AT BALL VALVE.
- (L) PROVIDE NEW FUEL MANAGEMENT SYSTEM (FMS) CONTROLLER. PROVIDE 120 V POWER CONNECTION. REFER TO E SHEETS.
- (M) PROVIDE NEW DEF DISPENSER IN FRP ENCLOSURE.



CAMERON T. GRANT
LICENSED PROFESSIONAL ENGINEER
No. 17845-M
HAWAII, U.S.A.
4/30/24
EXP. DATE
This work was prepared by me or under my supervision.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
MECHANICAL NEW WORK PLAN
MAUI DISTRICT BASEYARD OFFICE EXPANSION &
RENOVATION, PART 2
Project No. HWY-M-03-21, Phase 2
Scale: AS SHOWN Date: JULY 2022
SHEET No. M101 OF 15 SHEETS

22