

DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-0-02-00M	2000	17	22

EQUIPMENT SCHEDULE:

FAN COIL UNIT (Wall Type)

Factory assembled ceiling duct free, direct expansion type with cooling coil of copper coils and aluminum fins, galvanized steel casing with insulation, mounting brackets, 4-way air grille distribution, multi-speed centrifugal fans, and microprocessor thermostat.

CONDENSING UNIT:

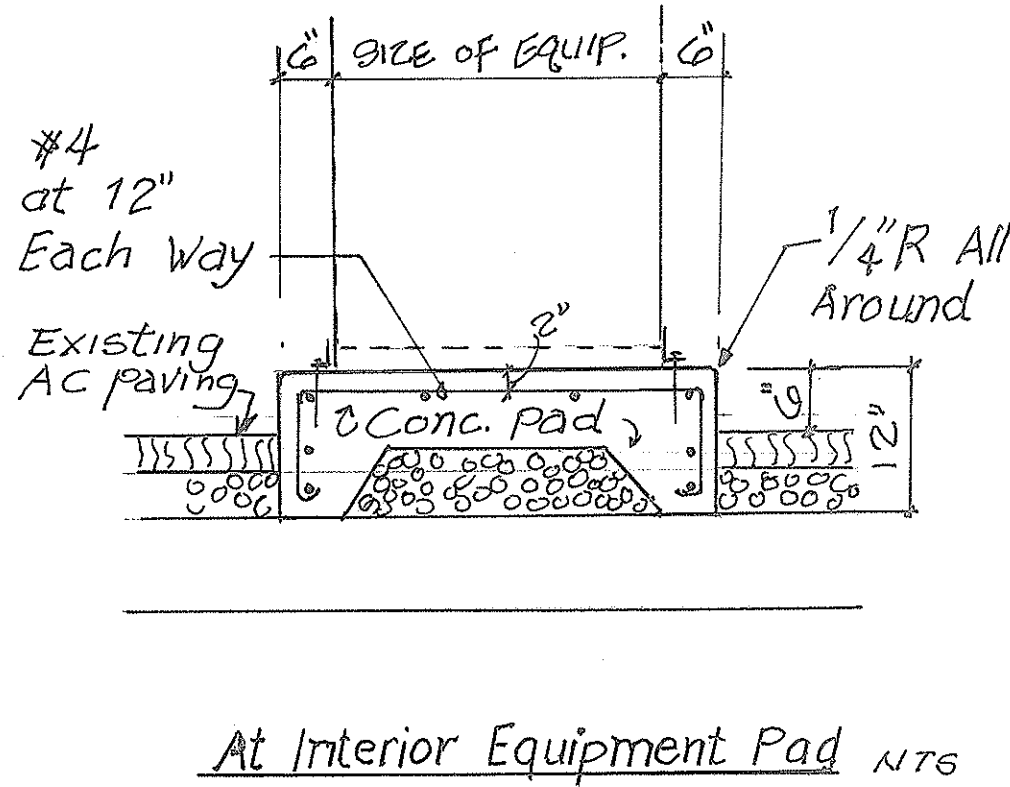
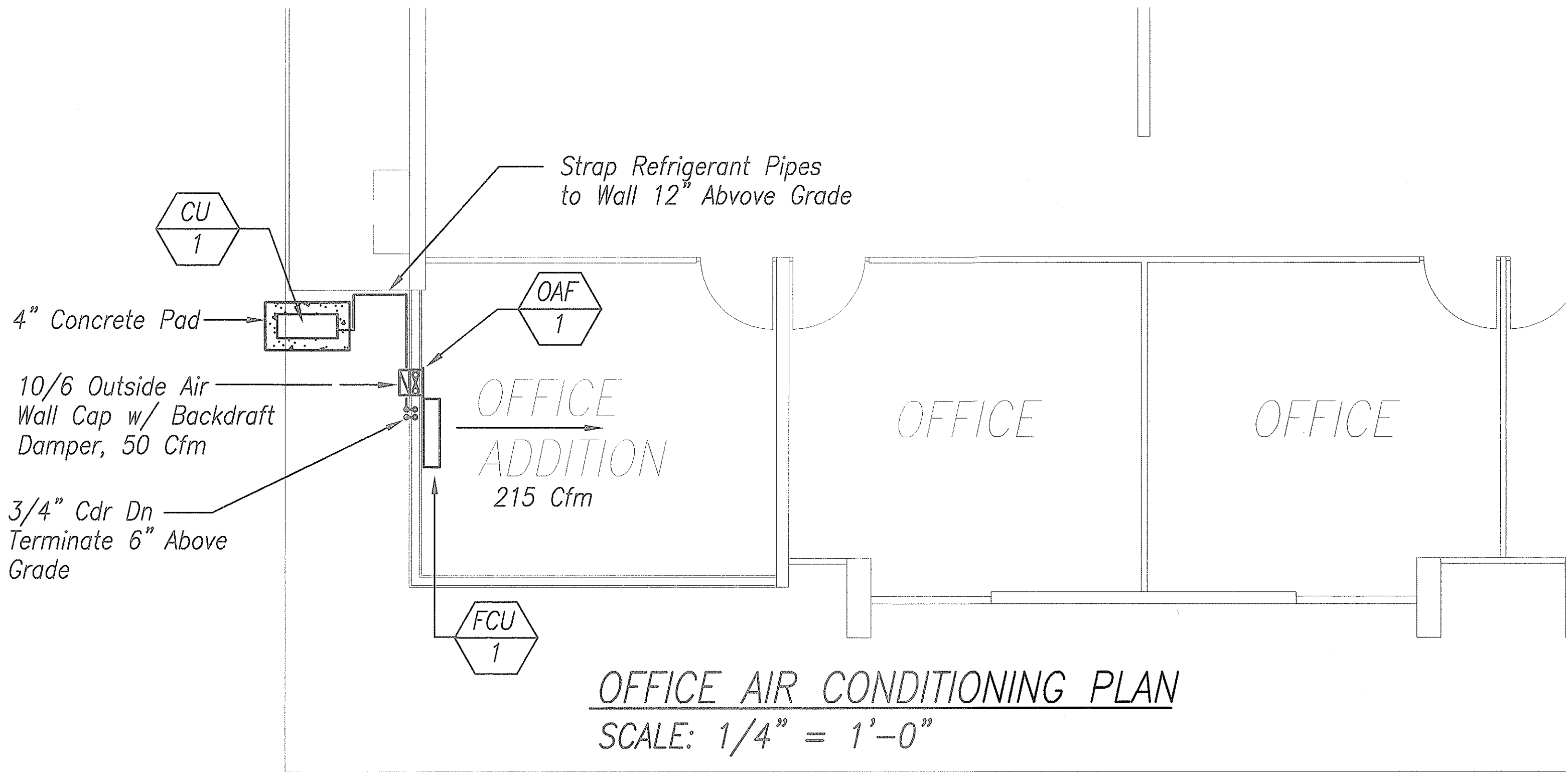
Air cooled condensing unit complete with hermetic rotary compressor with internal isolators, compressor safeties, crankcase heater, timeguard circuit, copper coil with aluminum fins, factory wired controls, indoor fan relay, direct driven horizontal discharge propeller fan, weather proof baked enamel finish enclosure.

FCU & CU NO.	TBTUH TOTAL	SBTUH TOTAL	CFM	SP IWG	ENT AIR		AMB AIR °F	EVAP FAN			COMPRESSOR			COND		VOLT/PH/CYC	FCU MODEL CARRIER OR APPROVED EQUAL	CU MODEL CARRIER OR APPROVED EQUAL	WEIGHT LBS - FCU/CU
					*FDB	*FWB		FLA	WATTS	VOLT/PH/CYC	QTY	RLA	LRA	QTY	FLA				
1	8,300	6,300	215	.125	76	64	95	0.41	34	115-1-60	1	7.6	46.5	1	.76	115-1-60	40QNB009-1	38AN009-1	20/55

OUTSIDE AIR FAN:

Transfer fan shall be propeller type with galvanized steel casing, plastic grille with speed controller at inner face grille. Interlock fan with light switch.

OAF No.	CFM	SP	RPM	FLA	VOLT/PH/CYC	MODEL NO.
1	50	.10	-	-	115/1/60	Penn Trans Fan



ORIGINAL SURVEY PLOTTED BY DATE
PLAN DRAWN BY A. Prosser 4/30/00
TRACED BY A. Prosser
NOTE BOOK DESIGNED BY A. Prosser
CHECKED BY A. Prosser
No.



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

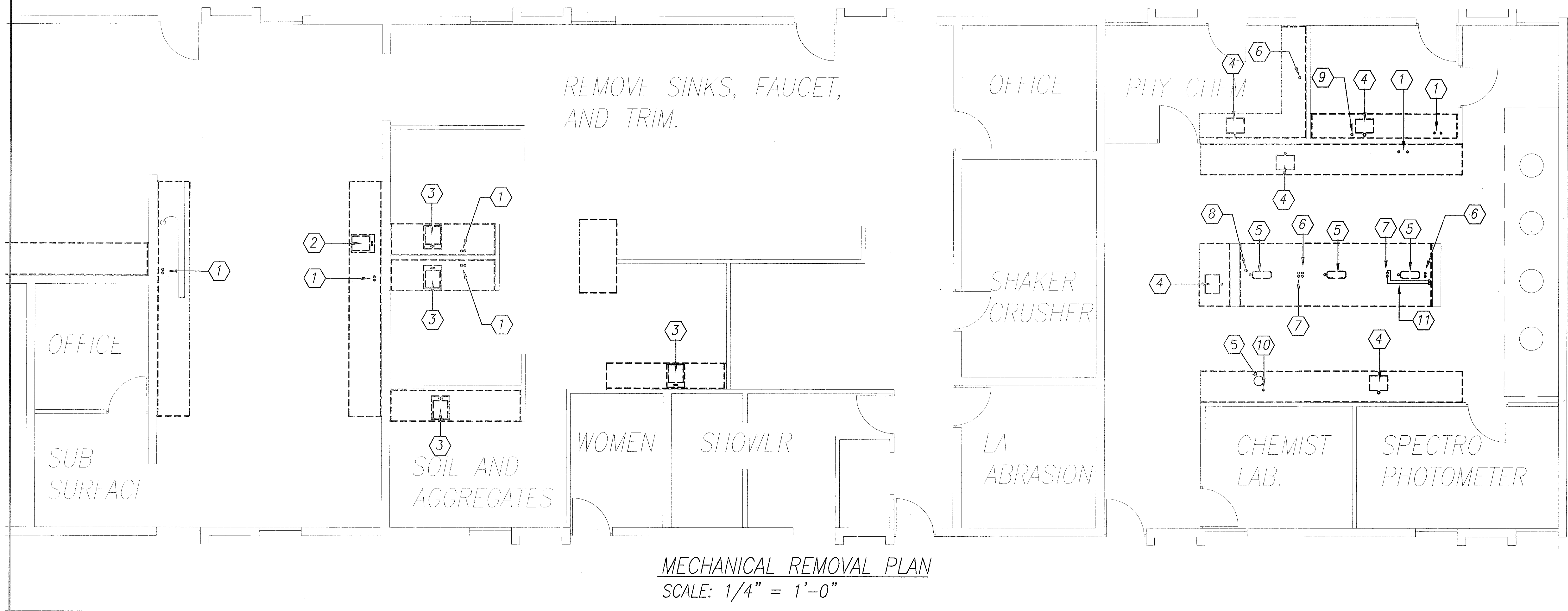
M-1

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

BUILDING RENOVATION - MISCELLANEOUS
MATERIALS TESTING & RESEARCH BRANCH
Project No. HWY-0-02-00M

Scale: As Noted Date: May, 2000

SHEET No. 17 OF 22 SHEETS



MECHANICAL REMOVAL PLAN
SCALE: 1/4" = 1'-0"

ORIGINAL SURVEY PLOTTED BY DATE
PLAN DRAWN BY A. Prepost 4/20/00
DESIGNED BY A. Prepost
NOTE BOOK CHECKED BY A. Prepost
QUANTITIES BY A. Prepost
No.

1	Mechanical Removal Notes
1	Remove air & gas turrets (single outlet).
2	Remove stainless steel sink & faucet, remove waste to vertical and remove water supplies. Remove and save hosebibb assembly.
3	Remove stainless steel sink & faucet, remove waste to vertical and remove water supplies.
4	Remove acid resistant sink & faucet, remove waste to vertical and remove water supplies.
5	Remove acid resistant sink & faucet, remove waste to vertical and remove water supplies.
5a	Remove acid resistant sink & vertical water valve with serrated nozzle, remove waste to vertical and remove water supplies.
6	Remove gas turrets (single outlet).
7	Remove air turrets (single outlets).
8	Remove and save valve assembly to distiller.
9	Remove and save 1/2" valve assembly.
10	Remove acid resistant oval cup sink & faucet, remove waste to vertical and remove water supply.
11	Remove and save copper tubing to air outlets (typ for 2).



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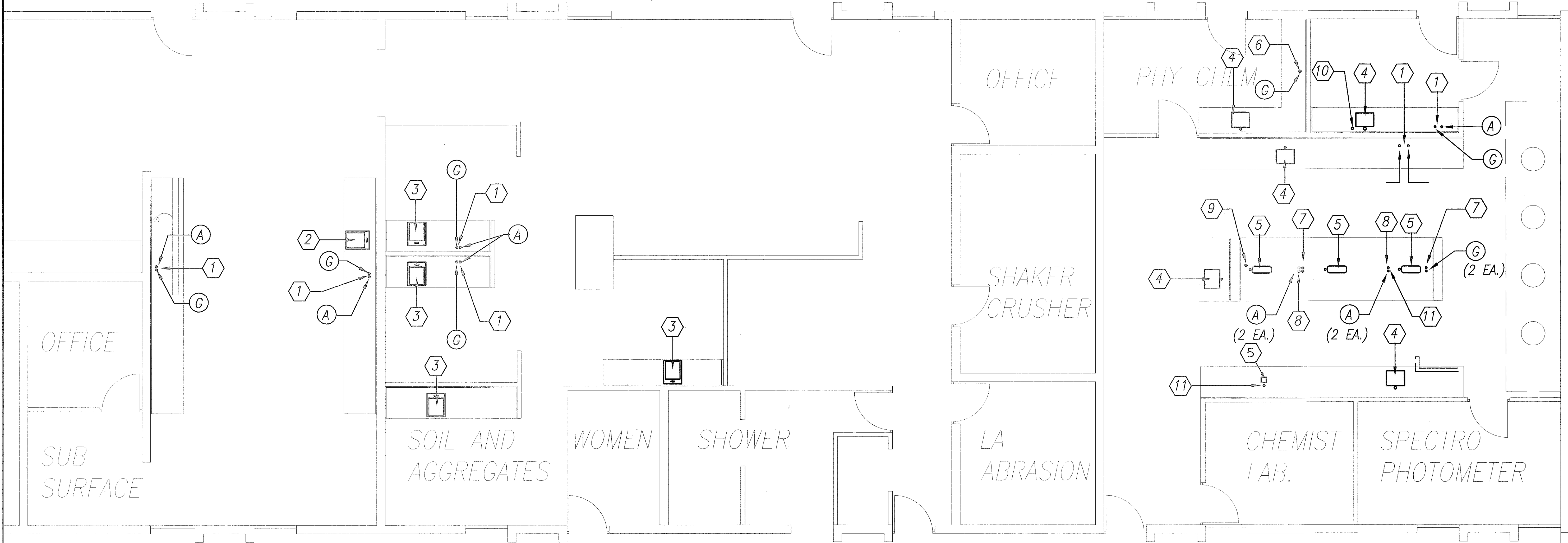
M-2

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

BUILDING RENOVATION - MISCELLANEOUS
MATERIALS TESTING & RESEARCH BRANCH
Project No. HWY-0-02-00M

Scale: As Noted Date: May, 2000

SHEET No. 18 OF 22 SHEETS



MECHANICAL FLOOR PLAN
SCALE: 1/4" = 1'-0"

1	Mechanical Removal Notes
1	Provide new air & gas turrets (single outlets). Connect to existing piping.
2	Provide new stainless steel sink(SK-1) & faucet. Provide new waste to vertical and new water supplies. Re-install hosebibb assembly. Connect to existing piping.
3	Provide new stainless steel sink(SK-1) & faucet. Provide new waste to vertical and new water supplies. Connect to existing piping.
4	Integral acid resistant sink (SK-2). Provide new faucet. Provide new acid waste to vertical and new water supplies. Connect to existing piping.
5	Integral acid resistant sink (SK-3). Provide new faucet or vertical valve. Provide new acid waste to vertical and new water supplies. Connect to existing piping.
6	Provide new gas turret (single outlet). Connect to existing piping.
7	Provide new gas turrets (2-outlets). Connect to existing piping.
8	Provide new air turret (2-outlets). Connect to existing piping.
9	Re-install valve assembly to distiller. Connect to existing piping.
10	Re-install 1/2" valve assembly. Connect to existing piping.
11	Re-install copper tubing to air outlets (typ for 2). Connect to existing piping.

ORIGINAL SURVEY PLOTTED BY DATE
PLAN DRAWN BY A. Prepose 4/20/00
TRACED BY A. Prepose
NOTE BOOK DESIGNED BY A. Prepose
QUANTITIES BY A. Prepose
CHECKED BY A. Prepose
No.



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OR UNDER MY SUPERVISION.

M-3

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

BUILDING RENOVATION - MISCELLANEOUS
MATERIALS TESTING & RESEARCH BRANCH
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SHEET No. 19 OF 22 SHEETS