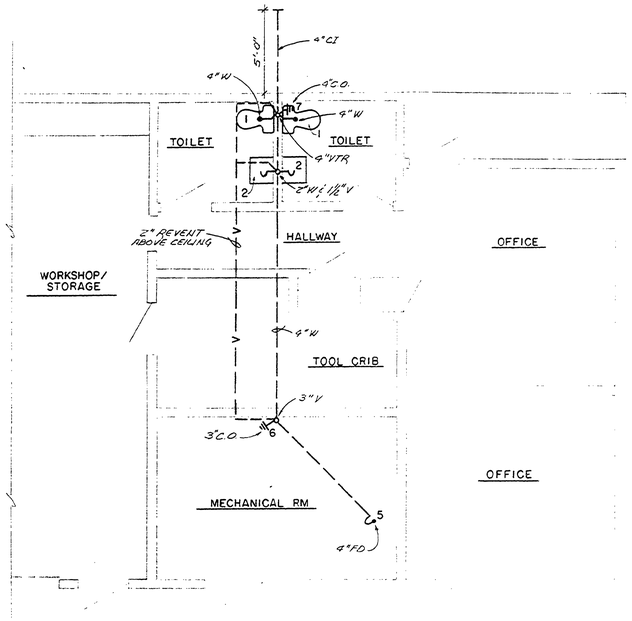


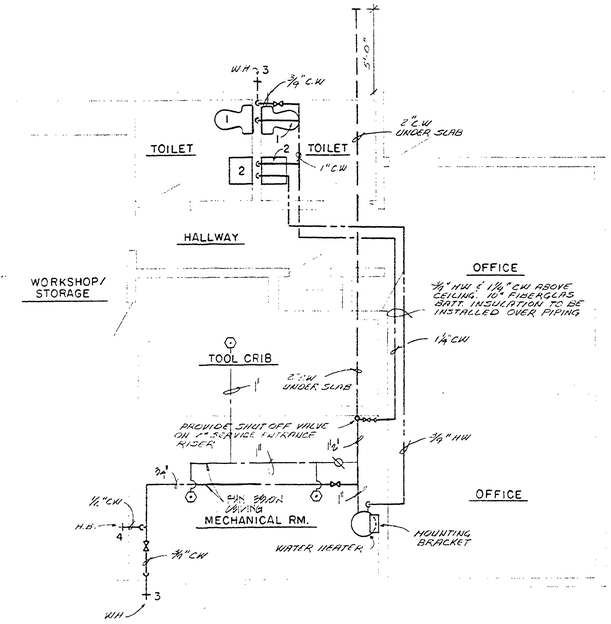
WASTE PLUMBING PLAN

SCALE ¼"=1'-0"

PLUMBING FIXTURE SCHEDULE		
NO.	FIXTURE	DESCRIPTION
1	WATER CLOSET	KOHLER WELWORTH WATERGUARD #K-3500-EB-U (WITH INSULINER WATER CLOSET TANK) #K 7638 STOP AND #K-4666 WHITE SEAT.
2	LAVATORY	KOHLER GREENWICH #K2032, COLOR WHITE, SIZE 20"x18", #K7201 FAUCET, #K9000 TRAP, #K 7606 SUPPLY AND #P1806 BRACKET.
3	WALL HYDRANT	ZURN #1300 NON-FREEZE WALL HYDRANT WITH INTEGRAL SELF DRAINING ANTI-SIPHON VACUUM BREAKER.
4	HOSE BIBB	CHICAGO FAUCET NO 935 INSIDE SILL FAUCET WITH VACUUM BREAKER, ¾" HOSE THREAD OUTLET. ¾" IPS INLET.
5	FLOOR DRAIN	JOSAM #30009, CAST IRON DRAIN WITH 6" POLISHED BRASS SUPPR FOR 110.3U: THBLE SQUARE STRAINER
6	CLEANOUT	JOSAM #58510 (EXPOSED)
7	CLEANOUT	JOSAM #5810 (CONCEALED)

PLUMBING NOTES

1. WATER HAMMER SHOCK ABSORBER - SHALL BE INSTALLED WHERE REQUIRED AFTER ACTUAL OPERATION OF ALL VALVES TO DETERMINE WATER HAMMER OCCURRENCE.
2. WASTE LINE - SCHEDULE 40 PVC DWV PLASTIC ABOVE SLAB ONLY. CAST IRON SERVICE WEIGHT SOIL PIPE AND FITTINGS, OR COPPER DRAINAGE TUBE AND FITTINGS.
3. VENT STACK CAP - VENT CAP SHALL BE CAST IRON #816 AS MANUFACTURED BY ALABAMA PIPE CO. OR APPROVED EQUAL.
4. VENT STACK FLASHING - FLASHING TO BE FLEXIBLE VINYL AS MANUFACTURED BY B.F. GOODRICH OR APPROVED EQUAL.
5. WATER PIPING - CPVC FOR COLD WATER ONLY, ABOVE GRADE OR SLAB, AND/OR HARD - TEMPER COPPER TYPE "L" ABOVE GRADE - TYPE "K" UNDERGROUND. FITTINGS WROUGHT COPPER. ALL PIPES ABOVE GRADE OR SLAB SHALL BE INSULATED WITH OWENS CORNING "FIBERGLASS 25 ASJ" OR APPROVED EQUAL.



WATER SUPPLY PLAN

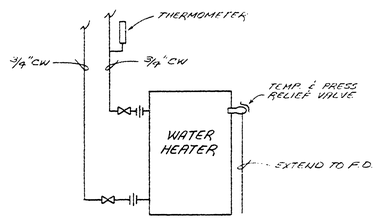
SCALE ¼"=1'-0"

PLUMBING SYMBOLS & ABBREVIATIONS

	THERMOMETER
	UNION
	PRESSURE & TEMPERATURE RELIEF VALVE
	SUPPLY OR WASTE PLUMBING BELOW SLAB
	VENT
	COLD WATER
	HOT WATER
	GATE VALVE
CW	COLD WATER
HW	HOT WATER
CI	CAST IRON
CO	CLEAN OUT
HB	HOSE BIBB
AFF	ABOVE FINISHED FLOOR
WH	WATER HYDRANT
V	VENT
VTR	VENT THROUGH ROOF
FD	FLOOR DRAIN
W	WATER
	CHECK VALVE
	SPRINKLER HEAD

NOTE:

PROVIDE RUUD MODEL RS-2906SA WALL MOUNTING KIT. MOUNT 5'-0" AFF TO BOTTOM OF WATER HEATER.



WATER HEATER DETAIL

NOT TO SCALE

ELECTRIC WATER HEATER BASED ON RUUD MODEL RP15P9-1; 15 GALLON GLASS LINED TANK - PROVIDE WITH 2000 WATT HEATING ELEMENT, FOR OPERATION AT 240V-1Ø

PLUMBING RUNOUT SCHEDULE				
FIXTURE	FIXTURE NO.	WASTE	CW	HW
WATER CLOSET	1	4"	⅜"	—
LAVATORY	2	1¼"	½"	½"
WATER HYDRANT	3	—	¾"	—
HOSE BIBB	4	—	¾"	—
FLOOR DRAIN	5	4	—	—

SURVEYED BY			DRAWN BY	V. MILLS	10/81	NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	SUPPLY & WASTE PLUMBING PLAN	AREA OR PARK: BENSIE STATE PARK	PROJECT NO. 24.290
DESIGNED BY	J. BARKER	10/81	CHECKED BY	M. Le CLAIRE	10/81	1.				3.					SHEET TITLE	PROJECT: OFFICE/WORKSHOP/GARAGE	SHEET 4 OF 6
		DATE			DATE	2.				4.							PLAN NO. A-109