



- GENERAL NOTES:**
1. IT IS THE CONTRACTOR'S RESPONSIBILITY FOR THE ASSOCIATED COSTS INVOLVED IN THE EVENT THAT ANY WATER LINE NEEDS TO BE FROZEN FOR THE PURPOSE OF TYPING IN NEW LINES. THE V.A. WILL MAKE AN ATTEMPT TO SHUT THE LINE OFF, BUT THERE IS NO GUARANTEE THAT THE VALVES WILL HOLD COMPLETELY, DUE TO THEIR AGE.
  2. ALL PLUMBING UNDER "P" DRAWINGS SHALL BE COMPLETE WORKING SYSTEMS WHETHER SHOWN OR NOT IN THEIR ENTIRETY.

- KEYED NOTES:**
- 1 2-1/2" COLD WATER, 2" HOT WATER, 1" HOT WATER RETURN, 1-1/4" MEDICAL AIR, 3/4" OXYGEN. CONNECT TO EXISTING PIPING MAINS THAT RUN IN CORRIDOR. INSTALL BALL VALVE SHUT-OFFS IN NEW PIPING AT CONNECTION TO EXISTING WATER PIPING. INSTALL MEDICAL GAS SERVICE VALVES AT CONNECTION OF NEW MEDICAL GAS PIPING TO EXISTING.
  - 2 2-1/2" COLD WATER, 2" HOT WATER, 1" HOT WATER RETURN, 1-1/4" MEDICAL AIR, 3/4" OXYGEN, 2" VACUUM UP TO BASEMENT.
  - 3 2" VACUUM, CONNECT TO MEDICAL VACUUM PUMP INLET PIPING.
  - 4 DISCONNECT AND REMOVE EXISTING SANITARY PIPING AND RUNNING TRAP, FROM REMOVED FLOOR DRAIN, BACK TO SANITARY MAIN IN CRAWL SPACE. PLUG OR CAP PIPING CONNECTION AT MAIN. STUB LENGTH CAN NOT EXCEED 24". AMOUNT OF PIPING REMOVAL IS APPROXIMATELY 25' AT EACH LOCATION.
  - 5 DISCONNECT AND REMOVE SUMP PUMP IN EXISTING MANHOLE. DISCONNECT AND REMOVE PIPING CONNECTIONS TO AND FROM MANHOLE. MANHOLE WILL BE REMOVED BY GENERAL CONTRACTOR.
  - 6 5" BACKWATER VALVE WITH 8" RISER UP TO FERRULE AND COVER.
  - 7 SEWAGE PUMP BASIN AND PUMP.
  - 8 5" RUNNING TRAP WITH RISERS TO FLOOR CLEANOUTS.
  - 9 7" AND 1/8TH BEND WITH RISER TO FLOOR CLEANOUT.

**PLUMBING SYMBOL LIST**

NEW		PLUMBING ABBREVIATIONS	
Cold Water	---	Cleanout	CO
Hot Water	---	Cold Water	C
Hot Water Return	---	Floor Drain	FD
Medical Air	MA	Hose Bibb	HB
Oxygen	O	Hot Water	H
Sanitary	---	Hot Water Return	HR
Storm Sewer	S	Invert	INV
Vacuum	V	Rainwater Conductor	RWC
Vent	---	Sanitary	SAN
Valve-Balancing	4	Vent	V
Valve-Ball	6	Vent Thru Roof	VTR
Valve-Check	7	Waste & Vent	W&V
End Cleanout	CO	Waste	W
Floor Cleanout	FC	GENERAL ABBREVIATIONS	
Floor Drain	FD	Above Finished Floor	AFF
(P) Trap	P	Ceiling	CLG
Roof Drain	RD	Diameter	DIA
Shock Absorber	RD	Down	DN
Fixture or equipment designation, see Specifications	P1	Drawing	DWG
		Elevation	ELEV
		Existing	EXIST
		Feet	FT
		Floor	FL

**SUB-BASEMENT PLUMBING DEMO & NEW WORK PLAN - WING B**  
SCALE: 1/16" = 1'-0"

FINAL DESIGN (100%)  
FULLY SPRINKLERED

FFA #7451

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<b>EBERLIN AND EBERLIN, P.C.</b> 247 ROUTE 100 SUITE 1003 SOMERS NEW YORK 10589 CONSULTING ENGINEERS, PLANNERS, LANDSCAPE ARCHITECTS 914.232.9431 PHONE 914.232.6827 FAX						<b>Approved Project Director</b>	<b>Location</b> Albany, New York	<b>Drawing Number</b> P1.1 Dwg. 82 of 115		
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