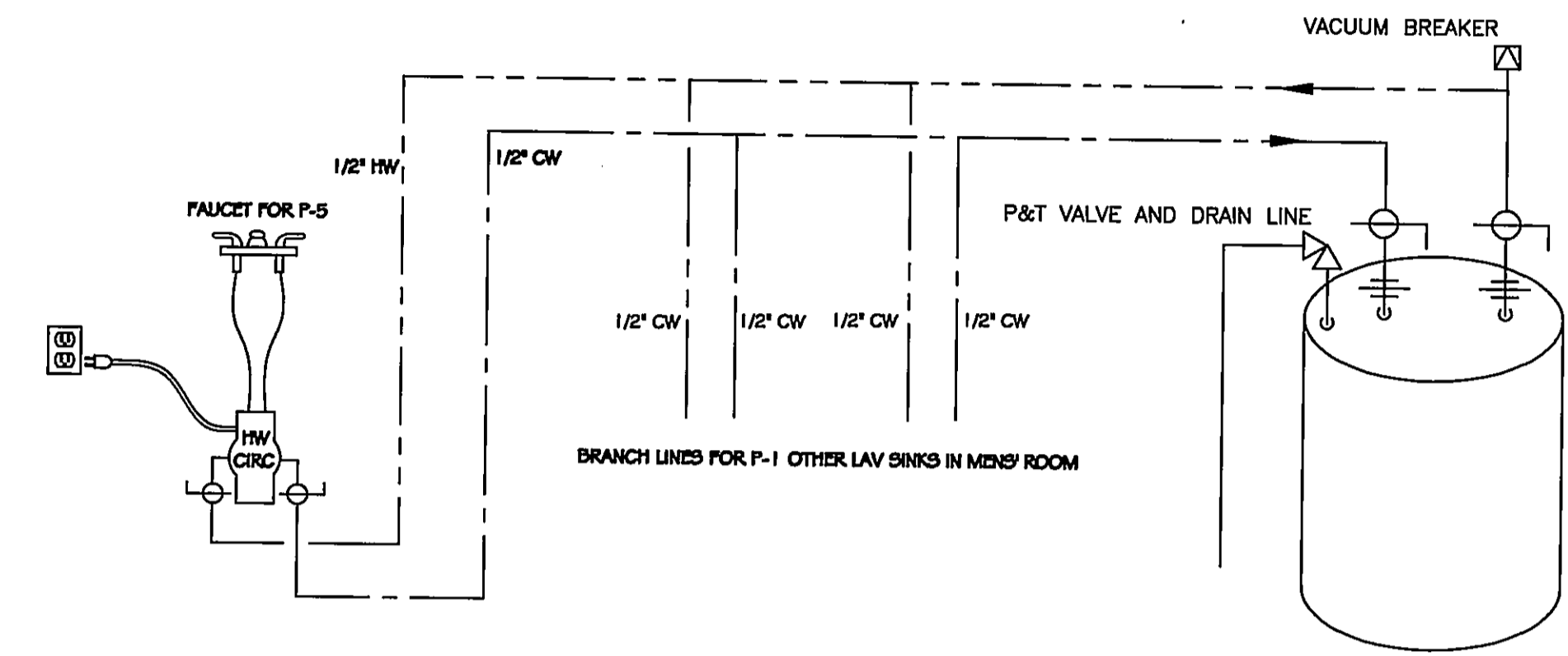
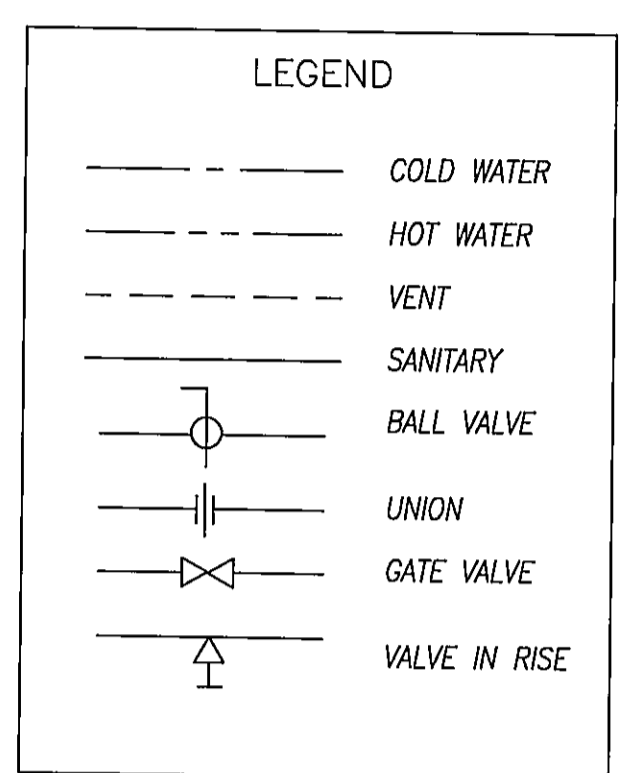
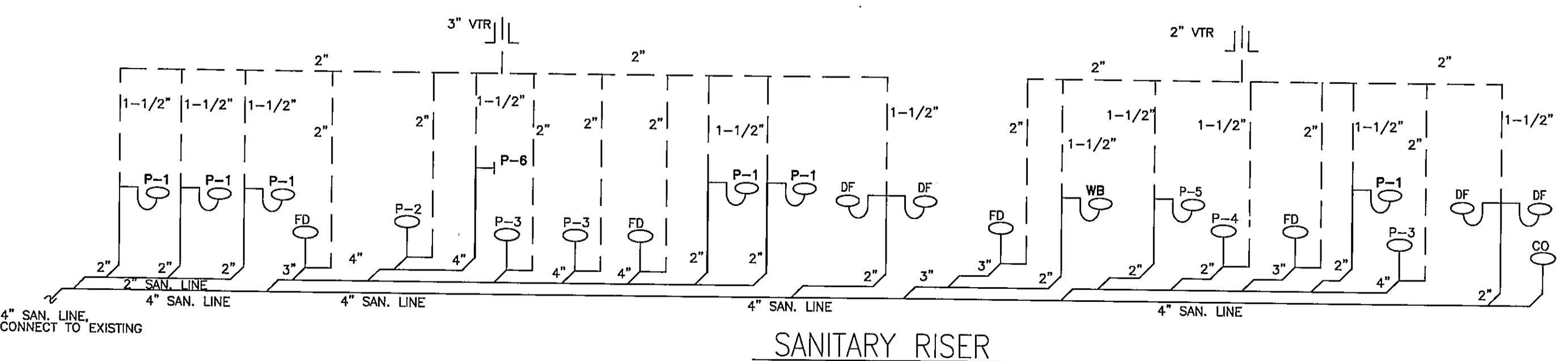


PLUMBING FIXTURE SCHEDULE

ITEM NO.	DESCRIPTION	PIPE SIZES				MANUFACTURER & MODEL NUMBER*
		COLD	HOT	WASTE	VENT	
P-1	Lavatory, wall hung, 22"x18"	1/2"	1/2"	1 1/4"	1 1/2"	Kohler #K-2035-4 w/K-7443-K/K-16012-4 Faucet; (7401 - ADA faucet)
P-2	Water closet, pressure assist	1/2"	---	4"	2"	Kohler #K-3519 w/K-4650 Seat
P-3	Water closet, handicap, pressure assist	1/2"	---	4"	2"	Kohler #K-3519 w/K-4650 Seat
P-4	Shower, 45" x 37"	1/2"	1/2"	1-1/2"	1 1/2"	Kohler #K-12101-C w/#K-8516 Slide Bar & K-304-K Valve
P-5	Kitchen sink, double bowl, 33"x22"	1/2"	1/2"	1-1/2"	1 1/2"	Kohler #K-3310-3 w/#K-10413 Faucet & Spray
P-6	Urinal, 1.0 GPF, water saver	3/4"	---	2"	1 1/2"	Kohler #K-4960-ET w/Sloan #186-1 Valve
DF	Drinking fountain, bi-level	1/2"	---	1 1/4"	1 1/2"	Oasis #OMLFCR, 400W, 120V
CO	Clean Out	---	---	---	---	Jay R. Smith 4040 Series w/Square Top
WH	Water Heater, Electric, 40 gal.	3/4"	3/4"	---	---	A. O. Smith DEN 40, 6000W, 208V
FD	Floor Drain	---	---	3"	---	Jay R. Smith 2005-B-D w/PPS Trap Primer
WB	Wash Box	---	---	2"	---	Spec Grade
WH	Wall Hydrant	3/4"	---	---	---	Woodford #65 Series, Freezeless w/Loose Handle
HW CIRC	HW Circulator	1/2"	1/2"	---	---	Laing Thermotech #UCT-303B w/24 hr timer and 6' cord. 120V, 33 watts



- PLUMBING NOTES
- HOLD TOP OF FLOOR DRAINS FLUSH WITH FINISHED FLOOR.
  - WATER PIPING ABOVE SLAB SHALL BE TYPE L HARD TEMPER COPPER OR CPVC AT OWNER'S DIRECTION. PIPING UNDER SLAB SHALL BE TYPE K SOFT TEMPER COPPER.
  - WASTE AND VENT PIPING MAY BE SCHEDULE 40, TYPE 1 GRADE 1 PVC.
  - ENSURE VENT PIPING PASSING THROUGH ROOF IS COMPATIBLE WITH STRUCTURE AND CORRECTLY FLASHED TO PREVENT ROOF LEAKAGE. TERMINATE AT 12" ABOVE ROOF LINE.
  - PROVIDE 1" INSULATION FOR COLD AND HOT WATER ABOVE SLAB AND RUNNING IN WALLS.
  - PROVIDE TRAP PRIMERS FOR FLOOR DRAINS OR OTHER FIXTURES WHERE INDICATED OR REQUIRED.
  - PROVIDE WATER HAMMER ARRESTORS CONFORMING TO ASME A112.26.1 OR ASSE 1010 AT EACH BATHROOM GROUP WHERE INDICATED OR REQUIRED BY MANUFACTURER.
  - VERIFY SERVICE CONNECTIONS AND METERING LOCATIONS WITH LOCAL UTILITIES. VERIFY SEWER INVERT AT CONNECTION POINT TO DETERMINE DEPTH OF HIGHEST PLUMBING FIXTURE. PITCH OF DRAINAGE AND VENT PIPING TO BE 1/8" PER FT. MINIMUM.
  - EQUIPMENT ROUGH-IN LOCATIONS ARE ACCURATE TO THE BEST OF KNOWLEDGE AVAILABLE AT THE TIME OF DESIGN. IN THE EVENT OF SUBSTITUTION OF EQUIPMENT OR DEVIATION FROM THESE PLANS, THE CONTRACTOR SHALL ENSURE THE PROPOSED CHANGE PROVIDES A COMPLETE, WORKING SYSTEM.
  - CLEANOUTS TO BE INSTALLED NO LESS THAN EVERY 50' FOR LINES SMALLER THAN 4". INSTALL CLEANOUT AT CONNECTION OF BUILDING DRAIN AND SEWER WHERE SHOWN. INSTALL CLEANOUTS AT THE BASE OF STACKS AND CHANGES OF DIRECTION IN AN ACCESSIBLE LOCATION.
  - PROVIDE SHUTOFF VALVES AT EACH PLUMBING FIXTURE AND AT THE POINT OF INCOMING SERVICE TO THE BUILDING. ENSURE THE WATER HEATER BEARS THE LABEL OF AN APPROVED AGENCY. T&P VALVE TO BE TESTED IAW ANSI Z21.22. BACKFLOW PREVENTER TO BE IN COMPLIANCE WITH ASSE 1012. PROVIDE PIPE SUPPORTS IAW TABLE 308.5 OF THE IPC. PROTECT PENETRATIONS THROUGH RATED WALLS TO BE IAW BOCA REQUIREMENTS.
  - ALL PLUMBING WORK SHALL MEET APPLICABLE STATE AND LOCAL CODES.



**LEWIS ENGINEERING ASSOCIATES, INC**  
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ENGINEER'S CERTIFICATION STATEMENT

I CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NO. 16927, EXPIRATION DATE MAY 12, 2010.

ADDITION TO CLARK CENTER  
 LA PLATA, MARYLAND

REVISIONS