



5725 WEST HENDERSON ST  
CHICAGO IL 60634  
TEL. (432) 528-0511  
FAX. (432) 528-0511  
ELECTRICVOLT@GMAIL.COM

NEW DISMISSING WALL EXISTING LIQUOR STORE  
WEST CHICAGO, ILLINOIS

**LINE LEGEND**

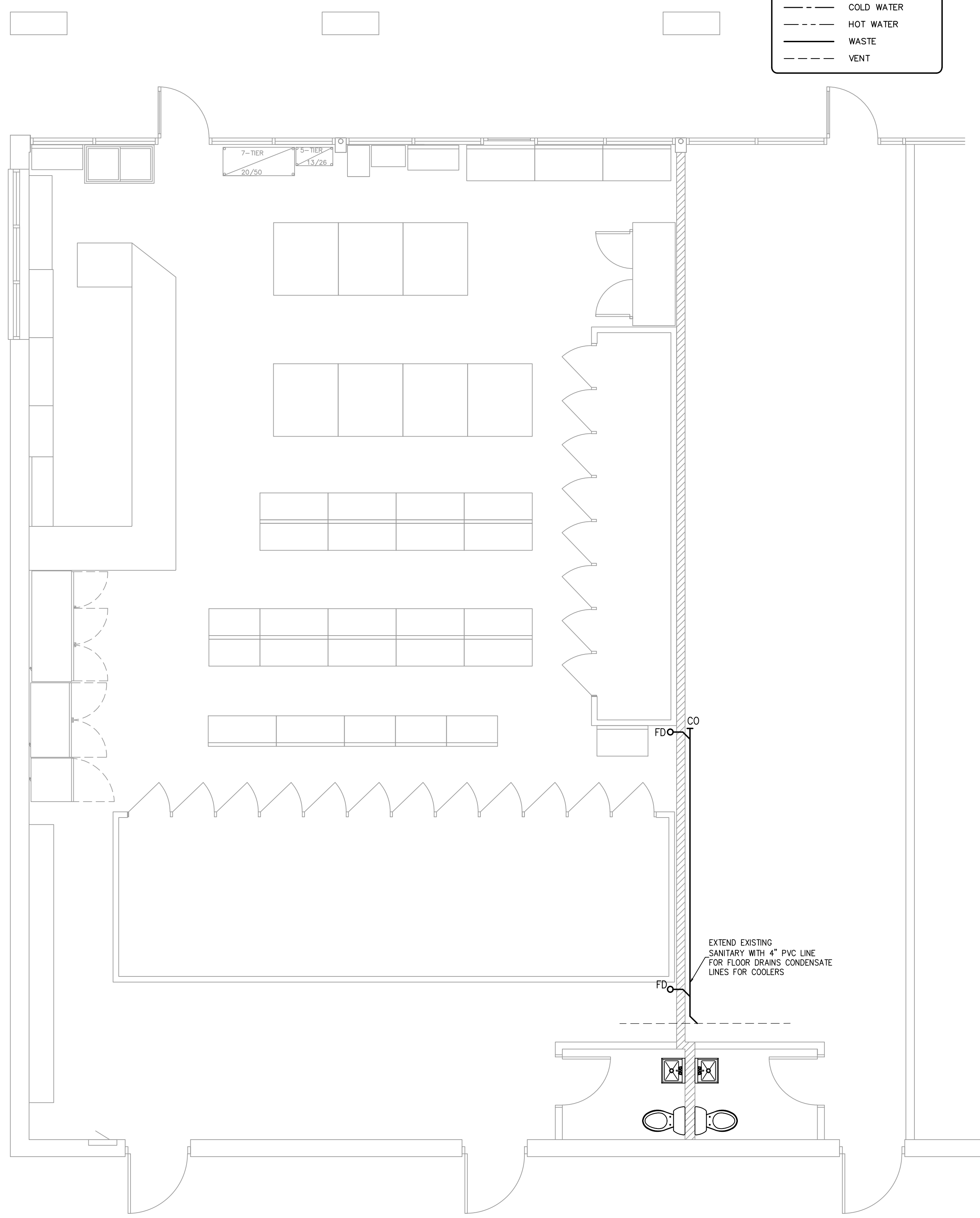
- COLD WATER
- HOT WATER
- WASTE
- VENT

**PLUMBING NOTES**

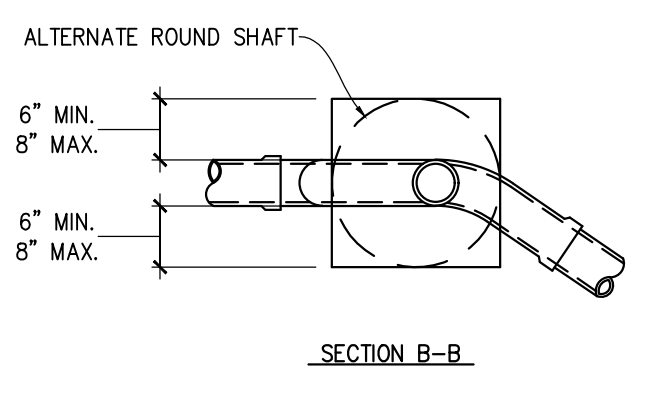
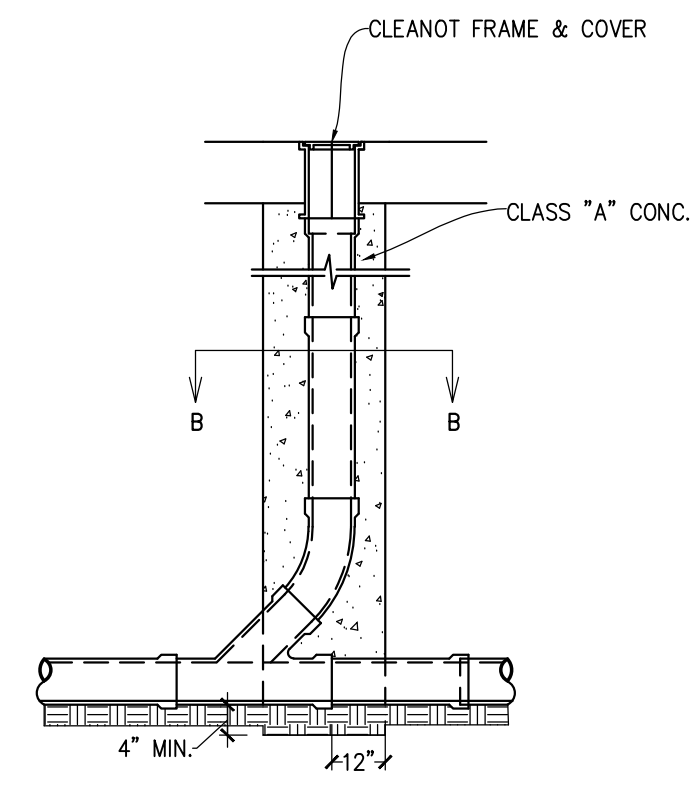
- ALL WORK SHALL CONFORM TO THE 2014 EDITION OF THE STATE OF ILLINOIS PLUMBING CODE W/ CITY OF ELGIN AMENDMENTS.
- CONTRACTOR SHALL PROVIDE NEW SANITARY, WASTE AND VENT PIPING FOR NEW DRINKING FOUNTAIN INCLUDING PLUMBING FIXTURES, TRAPS, FLOOR DRAINS, FLOOR CLEANOUTS, AND WALL CLEANOUT.
- ALL SANITARY WASTE PIPING SHALL BE: UNDERGROUND MIN. SIZE 4" PVC. ABOVE GROUND MIN. SIZE 2" COPPER VENT/ WASTE PIPE TYPE "M". WASTE LINE ABOVE GROUND COPPER TYPE "L" AND TYPE "K" BELOW GROUND.
- ALL DOMESTIC HOT AND COLD WATER PIPING SHALL BE TYPE "L" HARD COPPER WITH SWEAT JOINT FITTING. ALL COPPER FITTING TO BE FOREDGED WITH NO LEAD SOLDER/FLUX.
- DOMESTIC HOT AND COLD WATER PIPING WITHIN INTERIOR PARTITION WALLS AND INTERIOR FLOORS NEEDS TO BE INSULATED. PIPING SHALL BE INSULATED WITH 1" THICK 3-LB DENSITY FIBERGLASS INSULATION WITH UNIVERSAL JACKET. ALL SHUT-OFF VALVES IN WATER PIPING SHALL BE 125 PSI BALL VALVE.
- GAS PIPING SHALL BE SCHEDULE 40 BLACK STEEL PIPE W/ 125 PSI SCREW FITTINGS.
- PROVIDE PLUMBING FIXTURES WITH TRAPS AND STOPS AS REQUIRED AND INDICATED.
- ALL WORK SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR.
- FLOOR DRAINS FOR MECHANICAL SPACES SHALL BE CAST IRON BODY, NICKEL OR BRONZE STRAINER, HOSE BIBS SHALL BE NON-FREEZE W/ VACUUM BREAKER.
- PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING GAS PIPING SYSTEM.
- CONTRACTOR SHALL VERIFY THE CONDITIONS AND GRADES INCLUDING WATER PIPING, PIPE INSULATION, HANGERS, SO THAT WORK CAN BE INSTALLED PROPERLY.
- CONTRACTOR SHALL PROVIDE ALL NECESSARY CLIMS HANGER FOR ALL PIPING SUPPORT. PROVIDE 1/2 SLEEVE 12" LONG GALVANIZED STEEL UNDER THE PIPE INSULATION AT EACH HANGER.
- ALL CUTTING AND PATCHING FOR PLUMBING TRADE WORK SHALL BE BY PLUMBING CONTRACTOR.
- PROVIDE SHUT-OFF VALVES AT ALL FIXTURES.
- PROVIDE 24" AIR CHAMBERS ON ALL MAIN WATER RISERS AND PROVIDE 12" LONG CHAMBERS AT ALL FIXTURES.
- PROVIDE TEMPERATURE CONTROL FAUCET AT LAVATORY. (MAX. 110°F)
- PROVIDE AN EXPANSION TANK AND A RELIEF VALVE AT WATER HEATER.
- CHLORINATION OF DOMESTIC WATER SYSTEM SHALL BE REQUIRED AFTER COMPLETION OF DOMESTIC WATER SYSTEM AND BEFORE USE. AFTER CHLORINATION, OPEN ALL VALVES AND FLUSH WITH WATER UNTIL WASTE WATER INDICATES 0.5 PPM RESIDUAL MAXIMUM. FURNISH OWNER WITH CERTIFICATION OF COMPLIANCE.
- WATER AND DRAINAGE SYSTEM SHALL BE TESTED IN COMPLIANCE TO ALL APPLICABLE CODES. FURNISH COPY OF TEST RESULTS TO OWNER.
- PROVIDE POLISHED CHROME PLATED ESCUTCHEONS WHERE PIPES PASS THRU WALLS AT FIXTURES. WHERE OTHER EXPOSED PIPES PASS THRU WALLS, FLOORS, CEILINGS AND PARTITIONS, PROVIDE POLISHED DULL CHROME PLATED CAST BRASS SET SCREW FLANGES.
- CONTRACTOR SHALL EXAMINE ALL DRAWINGS (INCLUDING CIVIL ENGINEER'S SITE UTILITY PLANS) AND VISIT THE SITE TO DETERMINE THE FULL EXTENT OF THE WORK AND FACILITY LOCATIONS. CONTRACTOR SHALL VERIFY THE REQUIREMENTS OF LOCAL GOVERNING BODIES. THE SUBMISSION OF A BID SHALL BE CONSTRUED AS CONCLUSIVE EVIDENCE THAT THE BIDDER HAS COMPLIED WITH THE ABOVE.
- VERIFY WATER PRESSURE WITH AUTHORITIES. FURNISH AND INSTALL PRESSURE REGULATING VALVE(S) TO LIMIT INTERIOR DOMESTIC WATER SYSTEM TO 80 PSI.
- CONTRACTOR SHALL SUBMIT (5) FIVE SETS OF MANUFACTURER'S CATALOG LITERATURE (RE: EQUIPMENT TO BE FURNISHED ON THE PROJECT) TO THE ARCHITECT FOR APPROVAL PRIOR TO RELEASE FOR SHIPMENT. SUBSTITUTION OF SPECIFIED EQUIPMENT MUST BE APPROVED IN WRITING BY THE ARCHITECT PRIOR TO FINAL ACCEPTANCE BY OWNER.
- CONTRACTOR SHALL CLEAN ALL FIXTURES AND REMOVE ALL LABELS.
- ALL TRENCHES, BACKFILL, CUTTING AND PATCHING FOR PLUMBING TRADES' WORK SHALL BE DONE BY PLUMBING CONTRACTOR. ALL BACKFILL FOR TRENCHES AND EXCAVATIONS SHALL BE CLEAN YELLOW SAND OR GRAVEL FREE FROM SILT, CLAY OR LOAM. DO NOT BACKFILL WITH ON SITE MATERIAL. ALL BACKFILL SHALL BE COMPACTED IN 6" LAYERS. TAMP AND PUDDLE AS REQUIRED TO AVOID FUTURE SETTLEMENT. REMOVE ALL EXCESS EXCAVATED MATERIAL FROM THE SITE.
- CONTRACTOR SHALL INSTALL ALL NECESSARY SUPPORTS, EXPANSION PIPE LOOPS, UNIONS, ACCESSIBLE DURABLE EXPANSION JOINTS (WHERE ANCHORED PIPING CROSSES BUILDING EXPANSION JOINTS), CLEAN OUTS, ETC. ISOLATE ALL WATER PIPING FROM STRUCTURE TO REDUCE NOISE.

**PLUMBING DEMOLITION NOTES**

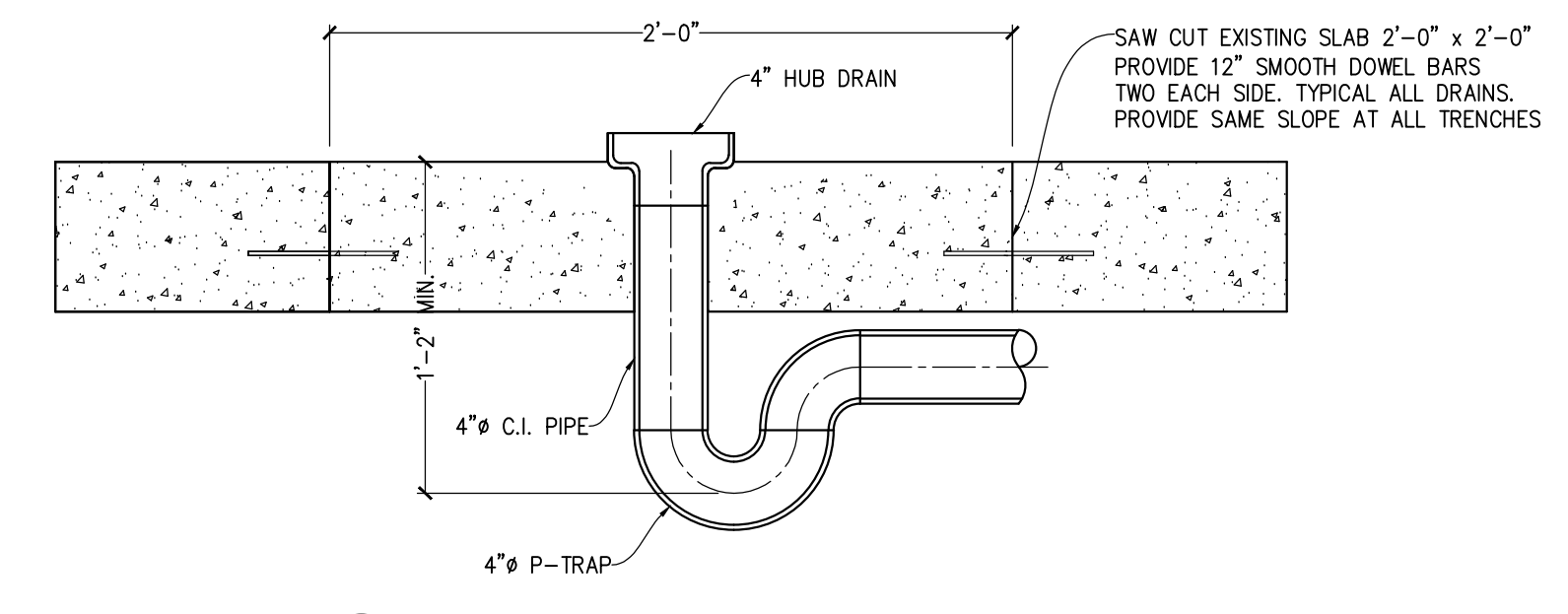
- REMOVE ALL UNUSED ABOVE GROUND FLOOR PIPING AND ACCESSORIES AND HANGER COMPLETELY TO A POINT JUST BEYOND THE DEMISING PARTITIONS- CAP OFF, NOT GREATER THAN 2' A.F.F. CANNOT BE CREATED.
- DRAIN SHALL NOT BE ABANDONED MORE THAN 10 FEET FROM IT'S VENT SO AS TO COMPLY WITH H890.1320(d) ILPC
- REMOVE WASTE ROUGH-IN TO A POINT BELOW THE SLAB AND PLUG WASTE LINE WITH GAS-TIGHT PLUG. PIPING SHALL ABANDONED IN PLACE.
- REMOVE ALL UNUSED VENT(S)-THRU-ROOF COMPLETELY AND PATCH.



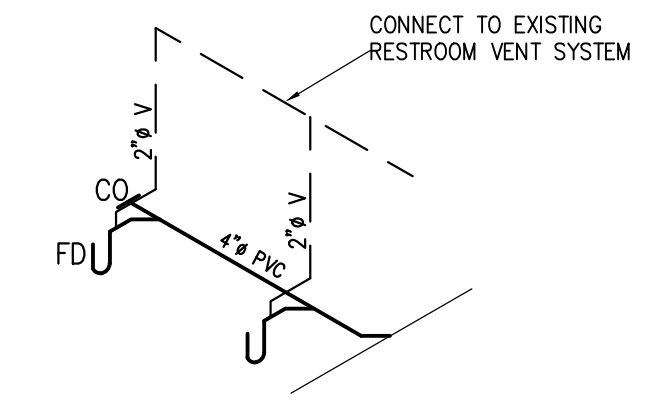
1 PLUMBING PLANS  
SCALE 1/4"=1'-0"



3 TYPICAL CLEANOUT DETAIL  
NOT TO SCALE



4 TYPICAL FLOOR COOLER DRAIN DETAIL  
NOT TO SCALE



5 WASTE ISOMETRIC  
NOT TO SCALE

I HEREBY CERTIFY THAT THIS PLANS WERE PREPARED UNDER MY SUPERVISION AND TO THE BEST OF MY KNOWLEDGE COMPLY WITH THE CITY OF WEST CHICAGO BUILDING CODE AND ORDINANCES.

1 FOR LANDLORD APPROVAL		1/22/2024
NO.	REVISIONS	DATE
DSGN.	HB	CHKD. HB
DWN.	HB	
SCALE: AS SHOWN		
SHEET TITLE :		
WASTE PLAN		
PROJECT NO.	SHEET NO.	
8003	8003	
DATE	P1-1	
01/17/2024		