

## GENERAL PLUMBING NOTES

1. THE GENERAL NOTES ON THIS SHEET APPLY TO ALL PLUMBING DRAWINGS.
2. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY ALL ASPECTS OF THE DESIGN, TO INCLUDE THE WORK OF SUB-TRADES.
3. THE DRAWINGS SHALL BE FOLLOWED AS CLOSELY AS POSSIBLE. ALTHOUGH NO ATTEMPT WAS MADE TO SHOW EVERY OFFSET, FITTING, BEAM, PIPE SUPPORT, CLEARANCE, ETC. IT IS THE CONTRACTOR'S RESPONSIBILITY TO SURVEY ALL WORK AREAS AND SUBMIT FINAL, DETAILED COORDINATED SHOP DRAWINGS FOR REVIEW BY THE DESIGNER OF RECORD TO ENSURE THAT THE DESIGN INTENT WILL BE MET AND THAT ALL TRADES ARE PROPERLY COORDINATED. CHANGES REQUIRED TO FIT EQUIPMENT, AND PIPING SHALL BE PROVIDED AT NO ADDITIONAL COST TO THE OWNER.
4. THE WORK INCLUDES ALL ITEMS OF THE SPECIFICATIONS THAT ARE WRITTEN SEPARATELY IN A SPECIFICATIONS BOOK.
5. ALL WORK SHALL BE DONE WITH COMPLETE COMPLIANCE WITH THE PUBLISHED EDITIONS OF THE APPLICABLE CODES AND STANDARDS WHETHER STATUTORY OR NOT. ALL WORK SHALL BE INSTALLED TO COMPLY WITH THE NEW YORK STATE BUILDING, PLUMBING, AND FIRE CODES, UNDERWRITER'S LABORATORY, INC., AMERICAN NATIONAL STANDARD INSTITUTE, INC., AND CODES AND STANDARDS OF THE NATIONAL FIRE PROTECTION ASSOCIATION (NFPA). IF ANY PART OF THE INSTALLATION DOES NOT MEET CODE, NOTIFY THE OWNER'S REPRESENTATIVE PRIOR TO BEGINNING THE INSTALLATION. IF ANY PART OF THE PROJECT CANNOT BE INSTALLED TO CONFORM WITH THE PLANS AND/OR SPECIFICATIONS, NOTIFY THE OWNER'S REPRESENTATIVE PRIOR TO BEGINNING THE INSTALLATION.
6. UNLESS STATED OTHERWISE, ALL EXISTING MATERIAL AND EQUIPMENT SHALL REMAIN THE PROPERTY OF THE PROJECT OWNER.
7. THE CONTRACTOR SHALL DEVELOP AND PRESENT A CONSTRUCTION PLAN AND WORK SCHEDULE WITH ALL PHASING, STAGING, AND SEQUENCING OF WORK FOR APPROVAL PRIOR TO THE COMMENCEMENT AND BEGINNING IMPLEMENTATION OF HIS WORK. THE CONTRACTOR SHALL DETERMINE PRIOR TO SUBMITTING HIS WORK SCHEDULE, THE SPECIFIC TIME AVAILABILITY OF ALL AREAS AND SPACES AND DETERMINE WHAT WORK MUST BE DONE DURING "OFF HOURS".
8. WITH THE EXCEPTION OF SIGNIFICANT NOISE GENERATING ACTIVITIES SUCH AS CORE DRILLING, ETC., WORK OUTSIDE OF THE OCCUPIED SPACES, SUCH AS ON THE ROOF, ETC., MAY BE PERFORMED DURING NORMAL WORKING HOURS.
9. UNLESS SPECIFICALLY NOTED AS EXISTING, ALL ITEMS, EQUIPMENT, AND WORK SHOWN IS NEW AND SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR.
10. DURING THE EXECUTION OF THIS CONTRACT, THE SITE AND BUILDINGS WILL BE OCCUPIED AND IN USE. WORK DONE UNDER THIS CONTRACT SHALL BE PERFORMED WITHOUT INCONVENIENCE TO THE OWNER INsofar AS POSSIBLE. ALL WORK SHALL BE COORDINATED WITH THE OWNER'S REPRESENTATIVE AND IS SUBJECT TO THEIR CONTINUOUS APPROVAL.
11. THE CONTRACTOR IS COMPLETELY RESPONSIBLE FOR ALL CHARACTERISTICS OF THE EQUIPMENT THAT HE INTENDS TO INSTALL AND MUST FOLLOW MANUFACTURER RECOMMENDATIONS FOR PROPER INSTALLATION. IF THERE ARE ANY DIFFERENCES IN THE EQUIPMENT SHOWN ON THE DESIGN DRAWINGS AND THE EQUIPMENT TO BE INSTALLED, THE CONTRACTOR SHALL MAKE ALL CHANGES AND ADJUSTMENTS TO ACCOMMODATE THE REPRODUCED EQUIPMENT AT NO ADDITIONAL COST TO THE OWNER. THIS APPLIES TO ALL SUPPORT SERVICES AND FACILITIES NECESSARY TO PROPERLY INSTALL THE EQUIPMENT TO FUNCTION ADEQUATELY AS PART OF THE SYSTEMS FOR WHICH THEY WERE DESIGNED AND SELECTED. THESE CHARACTERISTICS INCLUDE SUCH THINGS AS WEIGHT, CLEARANCE, DIMENSIONS, ELECTRICAL, MECHANICAL, PLUMBING, AND UTILITY SERVICES, ETC. ACCOMMODATING SERVICES INCLUDE SUCH THINGS AS DIMENSIONS, LOCATIONS, AND SIZES OF SUPPORTING MEMBERS, PIPE, CONNECTION SIZES, ELECTRICAL SERVICE SIZE AND PROTECTION, ELECTRICAL CONNECTION LOCATION, UTILITY AND PLUMBING CONNECTION SIZES AND LOCATIONS, ETC. ALL CHANGES SHALL BE SUBJECT TO THE APPROVAL OF THE PROJECT A/E AND THE OWNER'S REPRESENTATIVE.
12. BEFORE ANY DEMOLITION OR CONSTRUCTION WORK IS BEGUN, THE CONTRACTOR AND THE OWNER'S REPRESENTATIVE SHALL SURVEY THE EXISTING BUILDING AREA TO BE MODIFIED AND/OR REPLACED TO ACCURATELY DOCUMENT EXISTING CONDITIONS. THIS SURVEY WILL BE USED BY THE OWNER'S REPRESENTATIVE AT JOB COMPLETION TO DETERMINE WHICH BUILDING/SITE COMPONENTS MUST BE REPLACED WITH NEW.
13. UNLESS STATED OTHERWISE, REQUEST APPROVAL FROM THE OWNER'S REPRESENTATIVE SEVEN DAYS IN ADVANCE FOR THE SHUTDOWN OF ANY EXISTING SYSTEM.
14. UNLESS STATED OTHERWISE, FINAL ADVANCE NOTICE OF 48 HOURS SHALL BE GIVEN TO THE OWNER'S REPRESENTATIVE PRIOR TO THE PROPOSED SHUTDOWN OF ANY SYSTEM.
15. THE CLOSING AND OPENING OF VALVES SHALL BE WITNESSED BY THE OWNER'S REPRESENTATIVE; NOTIFY LOCAL AUTHORITIES AS REQUIRED.
16. THE CONTRACTOR SHALL NOT PENETRATE OR CUT ANY STRUCTURAL MEMBERS NOT SPECIFICALLY SHOWN ON THE DRAWINGS (E.G., PILASTERS, BEAMS, ETC.). IF STRUCTURAL MEMBERS CONFLICT WITH ROUTING, CONTACT THE OWNER'S REPRESENTATIVE FOR DIRECTION BEFORE PROCEEDING. EXERCISE CAUTION IN CUTTING CONCRETE FLOORS AND WALLS TO AVOID EXISTING UTILITIES WHICH MAY BE LOCATED IN AND UNDER CONCRETE SURFACES.
17. THE CONTRACTOR SHALL PROVIDE NEW OPENINGS IN WALLS, FLOOR, AND ROOF, AND PATCH EXISTING OPENINGS IN CONJUNCTION WITH THE DEMOLITION AND INSTALLATION OF THE NEW BUILDING COMPONENTS, INCLUDING MECHANICAL, PLUMBING, ELECTRICAL, AND GENERAL CONTRACTOR'S ITEMS. ALL NECESSARY FRAMING, COUNTER-FLASHING, ETC. SHALL BE INCLUDED.
18. FOR ALL FLOOR, WALL, AND ROOF PENETRATION, VERIFY THE LOCATION OF THE EXISTING STRUCTURAL MEMBERS PRIOR TO DRILLING AND CUTTING, RELOCATE OPENINGS AS REQUIRED AND OFFSET DUCTS, PIPES, CONDUIT, ETC.
19. FOR EACH PHASE AND BEFORE INTERRUPTING EACH EXISTING UTILITY, DETERMINE, IN ADVANCE, IF ANY DOWNSTREAM SERVICE BEYOND THE CONSTRUCTION AREA OF THE PHASE, WILL BE INTERRUPTED AND PROVIDE A TEMPORARY SERVICE BYPASSING THE CONSTRUCTION AREA. PREPARE A DETAILED SHOP DRAWING SHOWING ALL OF THE EXISTING UTILITIES IN THEIR RELOCATED LOCATION AND ALL NEW PLUMBING SYSTEMS.
20. EXISTING DUCTWORK, DOMESTIC COLD WATER PIPING, DOMESTIC HOT WATER PIPING, CHILLED AND HEATING HOT WATER PIPING, WASTE, VENT, FIRE SPRINKLER LINES, FIRE ALARM EQUIPMENT, ELECTRICAL CONDUIT, TELEPHONE CONDUIT, COMMUNICATION CONDUIT, PNEUMATIC TUBING, ETC., MAY HAVE TO BE RELOCATED TO FACILITATE THE INSTALLATION OF THE NEW WORK. THERE WILL BE NO EXTRA COMPENSATION TO THE CONTRACTOR FOR THIS WORK.
21. THE CONTRACTOR SHALL PAY FOR ALL DAMAGE, INCLUDING WATER DAMAGE, TO PROPERTY AND EQUIPMENT CAUSED BY HIS WORK THROUGHOUT THE CONSTRUCTION AND WARRANTY PERIOD.
22. ANY DEVICE THAT REQUIRES ACCESS FOR ADJUSTMENT OR ROUTINE MAINTENANCE, SUCH AS BUT NOT LIMITED TO VALVES, CONTROL DEVICES, ETC. SHALL BE INSTALLED IN AN ACCESSIBLE LOCATION.
23. ALL UL LISTED EQUIPMENT SHALL BE INSTALLED AS PER LISTING OR LABELING.
24. PATCH AND PAINT TO MATCH EXISTING, ALL SURFACES DAMAGED BY THE DEMOLITION AND ALL OPENINGS NOT TO BE REUSED.
25. REPAIR DAMAGE TO CEILING, WALLS, ETC. TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE.
26. WHEN A DETAIL OR NOTE IS IDENTIFIED AS TYPICAL, THE CONTRACTOR IS TO APPLY THE DETAIL OR NOTE TO EVERY SIMILAR CONDITION, WHETHER OR NOT THE REFERENCED DETAIL OR NOTE IS REPEATED OR REFERENCED.
27. WHERE NO CONSTRUCTION DETAIL IS INDICATED, SUCH WORK SHALL BE SIMILAR TO COMPARABLE WORK DETAILED OR NOTED ELSEWHERE OR TO MATCH EXISTING CONDITIONS, SUBJECT TO THE APPROVAL OF THE OWNER'S REPRESENTATIVE.
28. ALL HOLES, VOIDS, AND DAMAGED OR UNEVEN SURFACES WHICH ARE CAUSED BY THE CONTRACTOR'S WORK AND WHICH REMAIN EXPOSED IN THE WALL, FLOOR, CEILING, OR OTHER SURFACES SHALL BE PATCHED, REPAIRED, AND BROUGHT FLUSH WITH THE ADJACENT CONSTRUCTION. SUCH SURFACES, NOT CONCEALED BY THE NEW CONSTRUCTION, SHALL MATCH IN EVERY RESPECT THE EXISTING NON-DAMAGED CONSTRUCTION. REMOVE EXISTING UTILITIES BACK BEHIND EXISTING SURFACES AND CAP SO AS NOT TO INTERFERE WITH NEW PATCHES.
29. WHEREVER NEW WALL, FLOOR, OR CEILING FINISHES ARE INDICATED, THE CONTRACTOR SHALL BRING EXISTING PLUMBING, AND OTHER BUILDING COMPONENTS FLUSH WITH THE NEW FINISHED SURFACES IF APPROPRIATE.
30. THE DEMOLITION SHALL INCLUDE ALL ASSOCIATED ANCHORAGES, HANGERS, SUPPORTS, BRACES, FASTENERS, MASTIC, MORTAR, LATH, AND RELATED ITEMS. THE EXISTING SUBSTRATE, INCLUDING CONCRETE, MASONRY, METAL FRAMING AND FURRING SHALL BE REPAIRED WHERE DAMAGE BY THE CONTRACTOR'S WORK.
31. PROVIDE ALL VALVES, INSTRUMENTS, FITTINGS, ETC. AS SHOWN ON THE PIPING DIAGRAMS, SCHEMATICS, ETC. IT IS NOT POSSIBLE TO SHOW ALL VALVES, INSTRUMENTS, ETC. ON THE PLANS, HOWEVER, SELECTED VALVES HAVE BEEN SHOWN FOR REFERENCE. ALL VALVES SHALL BE ACCESSIBLE FROM THE FLOOR OR FROM FIXED PLATFORMS.
32. ALL EQUIPMENT AND MATERIALS SUBJECT TO THE WEATHER THAT ARE NOT FACTORY PAINTED SHALL BE FIELD PAINTED AND WEATHER PROOFED WITH PRIMER, AND TWO COATS OF EXTERIOR PAINT. MATCH THE COLOR OF THE EXISTING BUILDING EXTERIOR. THE COLOR AND QUANTITY OF THE PAINT IS SUBJECT TO THE APPROVAL OF THE OWNER'S REPRESENTATIVE. SUBMITTAL REQUIRED.
33. INSTALL SLEEVES FOR PIPING PENETRATIONS OF WALLS, CEILINGS, AND FLOORS. COMPLY WITH REQUIREMENTS FOR SLEEVES SPECIFIED IN SECTION 220517 "SLEEVES AND SLEEVE SEALS FOR PLUMBING PIPING."
34. INSTALL SLEEVE SEALS FOR PIPING PENETRATIONS OF CONCRETE WALLS AND SLABS. COMPLY WITH REQUIREMENTS FOR SLEEVE SEALS SPECIFIED IN SECTION 220517 "SLEEVES AND SLEEVE SEALS FOR PLUMBING PIPING."
35. FOR FIRE-RESISTANCE-RATED PENETRATIONS, HORIZONTAL ASSEMBLY PENETRATIONS, AND SMOKE BARRIER PENETRATIONS, MAINTAIN INDICATED FIRE OR SMOKE RATING OF WALLS, PARTITIONS, CEILINGS, AND FLOORS AT PIPE PENETRATIONS. SEAL PIPE PENETRATIONS WITH FIRE- AND SMOKE-STOP MATERIALS. COMPLY WITH REQUIREMENTS FOR FIRESTOPPING AND FILL MATERIALS SPECIFIED IN SECTION 078413 "PENETRATION FIRESTOPPING."

SYMBOL OR ABBREVIATION		DESCRIPTION	
		EXISTING PIPE/EQUIPMENT TO REMAIN	
		EXISTING PIPE/EQUIPMENT TO BE REMOVED	
		SANITARY PIPING ABOVE FINISHED FLOOR/SLAB (S, SAN.)	
		WASTE PIPING ABOVE FINISHED FLOOR/SLAB (W)	
		SANITARY PIPING UNDER FINISHED FLOOR/SLAB (S, SAN.)	
		WASTE PIPING UNDER FINISHED FLOOR/SLAB (W)	
		VENT PIPING (V)	
		DOMESTIC COLD WATER PIPING (CW)	
		DOMESTIC HOT WATER PIPING (HW)	
		DOMESTIC HOT WATER RECIRC. PIPING (HWC)	
		FILTERED COLD WATER PIPING (FCW)	
		PIPE DROP/DOWN (DN)	
		PIPE RISE/UP	
		BALL VALVE	
		BALANCING VALVE	
		CHECK VALVE	
		MIXING VALVE	
		CLEANOUT (CO), WALLPLATE CLEANOUT (WPCO)	
		DECKPLATE CLEANOUT (DPCO)	
		NON-FREEZE WALL HYDRANT (FPHB)	
		HOSE BIBB (HB)	
		CONNECT TO EXISTING	
		POINT OF DISCONNECT	
BLDG.	BUILDING	L#	LAVATORY - TYPE
C.I.	CAST IRON	M1	MOP SINK
CONN.	CONNECT	S#	SINK - TYPE
CO	CLEANOUT	STK.	STACK
D#	FLOOR DRAIN - TYPE	T.P.	TRAP PRIMER
EXIST.	EXISTING	TYP.	TYPICAL
FPHB	FREEZEPROOF HOSE BIBB	V.I.F.	VERIFY IN FIELD
GALV.	GALVANIZED	V.T.R.	VENT THROUGH ROOF
HB	HOSE BIBB	W#	WATER CLOSET - TYPE
<div> <div>NO. SHEET</div> </div>		DETAIL DESIGNATION SYMBOL	

PLUMBING DRAWING LIST		
DRAWING NUMBER	DRAWING DESCRIPTION	SHEET #
P-001	PLUMBING - SYMBOLS, LEGEND AND NOTES	1 OF 6
P-100	PLUMBING - UPPER LEVEL & LOWER LEVEL PART PLANS DEMOLITION WORK	2 OF 6
P-200	PLUMBING - UPPER LEVEL & LOWER LEVEL PART PLANS NEW WORK	3 OF 6
P-300	PLUMBING - DETAILS AND PARTIAL RISER DIAGRAMS	4 OF 6
P-400	PLUMBING - SCHEDULES	5 OF 6

## GENERAL DEMOLITION NOTES

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1. ALL EQUIPMENT, FIXTURES, PIPING ETC. TO BE REMOVED SHALL BE DISPOSED OF, TURNED OVER TO THE OWNER, OR SALVAGED AS DIRECTED BY THE OWNER. EQUIPMENT, FIXTURES, PIPING, DEVICES, ETC. SHALL NOT BE REMOVED FROM THE PREMISES WITH OUT THE OWNER'S APPROVAL.
2. ALL ABANDONED PIPING TO REMAIN SHALL BE PROPERLY PLUGGED, VALVED, CAPPED AND/OR BY PASSED SUCH THAT UPON COMPLETION OF WORK ALL ABANDONED SYSTEMS ARE PROPERLY CONCEALED, AND THAT EXISTING SYSTEMS TO REMAIN, REMAIN OPERATIONAL.
3. NO DEAD ENDS SHALL BE LEFT ON ANY PIPING SYSTEMS UPON COMPLETION OF WORK.
4. EXISTING EXPOSED PIPING SYSTEMS NOT TO BE REUSED, AND NOT SPECIALLY NOTED FOR REMOVAL SHALL BE COMPLETELY REMOVED. CONTRACTOR SHALL VERIFY PRIOR TO REMOVAL.
5. ALL SYSTEMS SHALL BE LEFT IN PERFECT WORKING ORDER UPON COMPLETION OF ALL NEW WORK.
6. ALL EXISTING EXPOSED, UNNECESSARY PIPING RELATED TO NEW WORK SHALL BE COMPLETELY REMOVED.
7. REROUTE OR REMOVE ALL EXISTING PIPING, AND SYSTEMS WHERE NECESSARY TO AVOID NEW EQUIPMENT, STRUCTURAL, OR MASONRY WORK AS REQUIRED BY THE PROPOSED ALTERATIONS.
8. COORDINATE PLUMBING SERVICES SHUT DOWNS (H&CW, WASTE, VENT SYSTEMS) WITH THE BUILDING MANAGER AND UTILITY COMPANY.
9. REMOVE ALL EXISTING INDIRECT WASTE UNDER EXISTING MILL WORK



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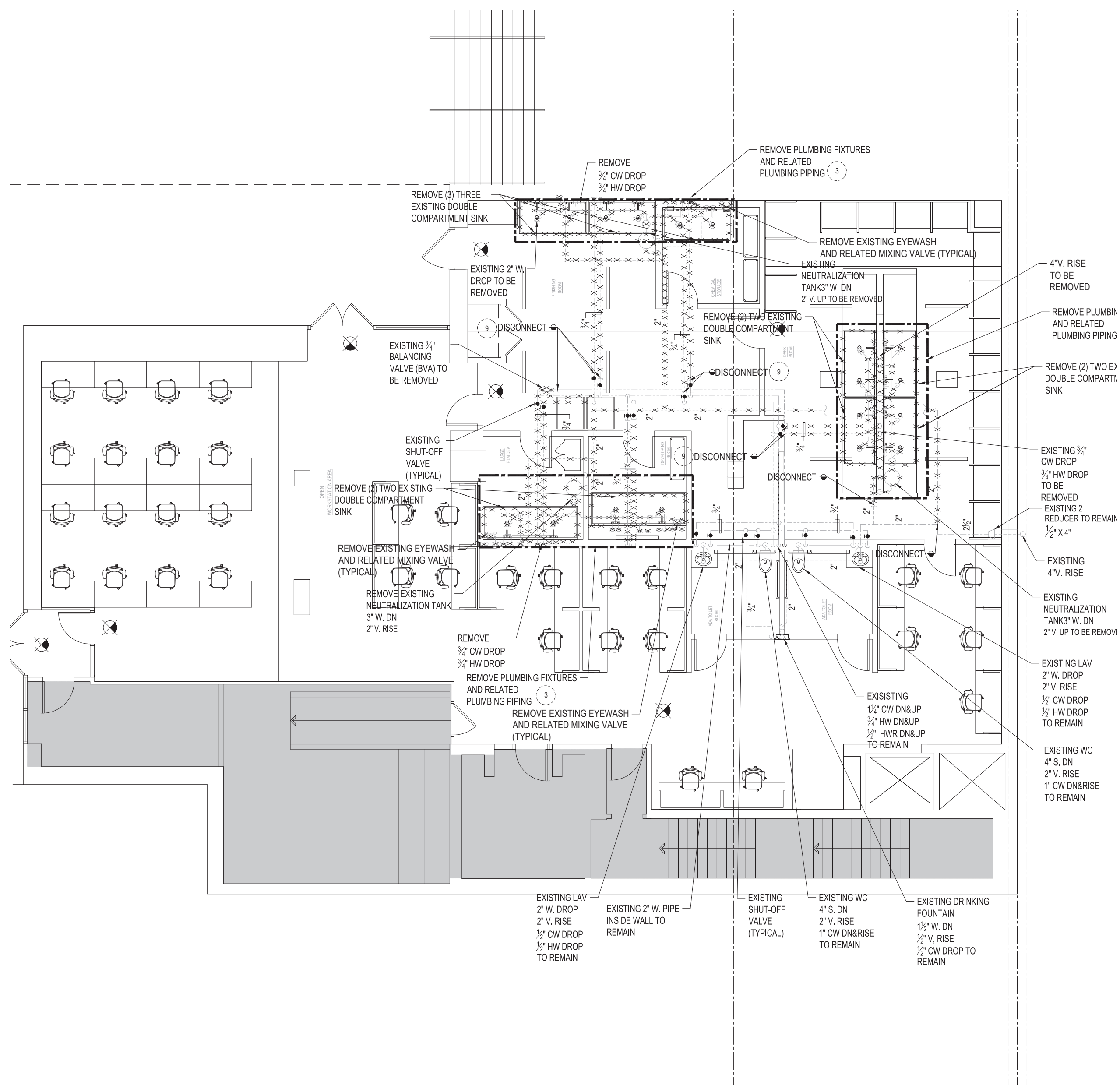
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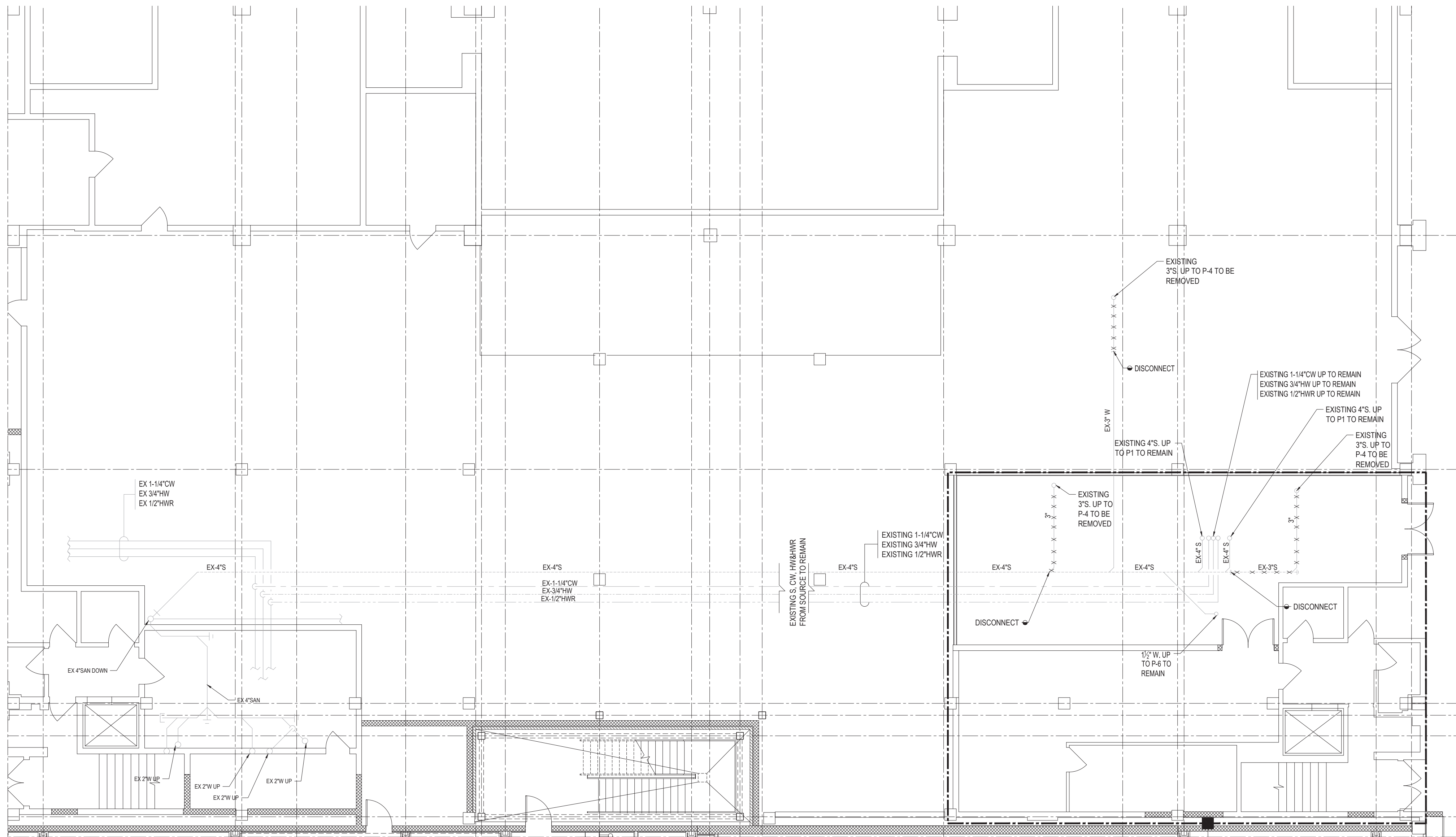
# P-001



- # GENERAL DEMOLITION NOTES
1. CONTRACTOR SHALL NOTIFY THE CAMPUS PRIOR TO THE REMOVAL OF ALL EQUIPMENT, FIXTURES, AND PIPING AND SHALL COORDINATE WITH THE CAMPUS FOR THE SALVAGE OF ANY EQUIPMENT, FIXTURES, OR PIPING BY THE CAMPUS. REMOVAL OF SALVAGED MATERIALS FROM THE PROJECT AREA TO A POINT OF STORAGE OR USE WILL BE CONDUCTED BY THE CAMPUS.
  2. ALL ABANDONED PIPING TO REMAIN SHALL BE PROPERLY PLUGGED, VALVED, CAPPED AND/OR BY PASSED SUCH THAT UPON COMPLETION OF WORK ALL ABANDONED SYSTEMS ARE PROPERLY CONCEALED, AND THAT EXISTING SYSTEMS TO REMAIN, REMAIN OPERATIONAL.
  3. REMOVED PLUMBING PIPING UP TO SOURCE, TRIM AND CAP.
  4. EXISTING EXPOSED PIPING SYSTEMS NOT TO BE REUSED, AND NOT SPECIFICALLY NOTED FOR REMOVAL SHALL BE COMPLETELY REMOVED. CONTRACTOR SHALL VERIFY PIPING TO REMOVAL.
  5. ALL SYSTEMS SHALL BE LEFT IN PERFECT WORKING ORDER UPON COMPLETION OF ALL NEW WORK.
  6. ALL EXISTING EXPOSED, UNNECESSARY PIPING RELATED TO NEW WORK SHALL BE COMPLETELY REMOVED.
  7. REROUTE OR REMOVE ALL EXISTING PIPING, AND SYSTEMS WHERE NECESSARY TO AVOID NEW EQUIPMENT, STRUCTURAL, OR MASONRY WORK AS REQUIRED BY THE PROPOSED ALTERATIONS.
  8. COORDINATE PLUMBING SERVICES SUCH DOWNS (HCV, WASTE, VENT SYSTEMS) WITH THE BUILDING MANAGER AND UTILITY COMPANY.
  9. DISCONNECT EXISTING PIPING AS CLOSE AS POSSIBLE TO THE SOURCE. CAP ALL OPEN ENDS SECURELY TO PREVENT LEAKS, CONTAMINATION, AND PRESSURE LOSS.

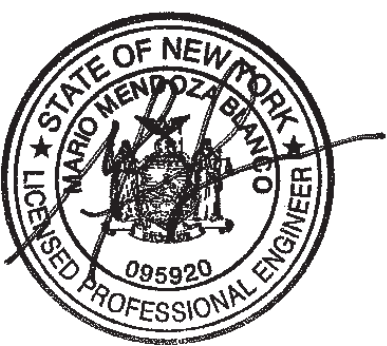


1 PLUMBING - UPPER LEVEL PART PLAN DEMOLITION WORK  
Scale: 1/8" = 1'-0"



AREA OF WORK  
SEE DWG B-P-200 FOR  
LOWER LEVEL NEW WORK

2 PLUMBING - LOWER LEVEL PART PLAN DEMOLITION WORK  
Scale: 1/8" = 1'-0"



TRUE NORTH  
PLAN NORTH

BOOKSTORE PSYCHOLOGY  
SWING SPACE  
FOR CONSTRUCTION

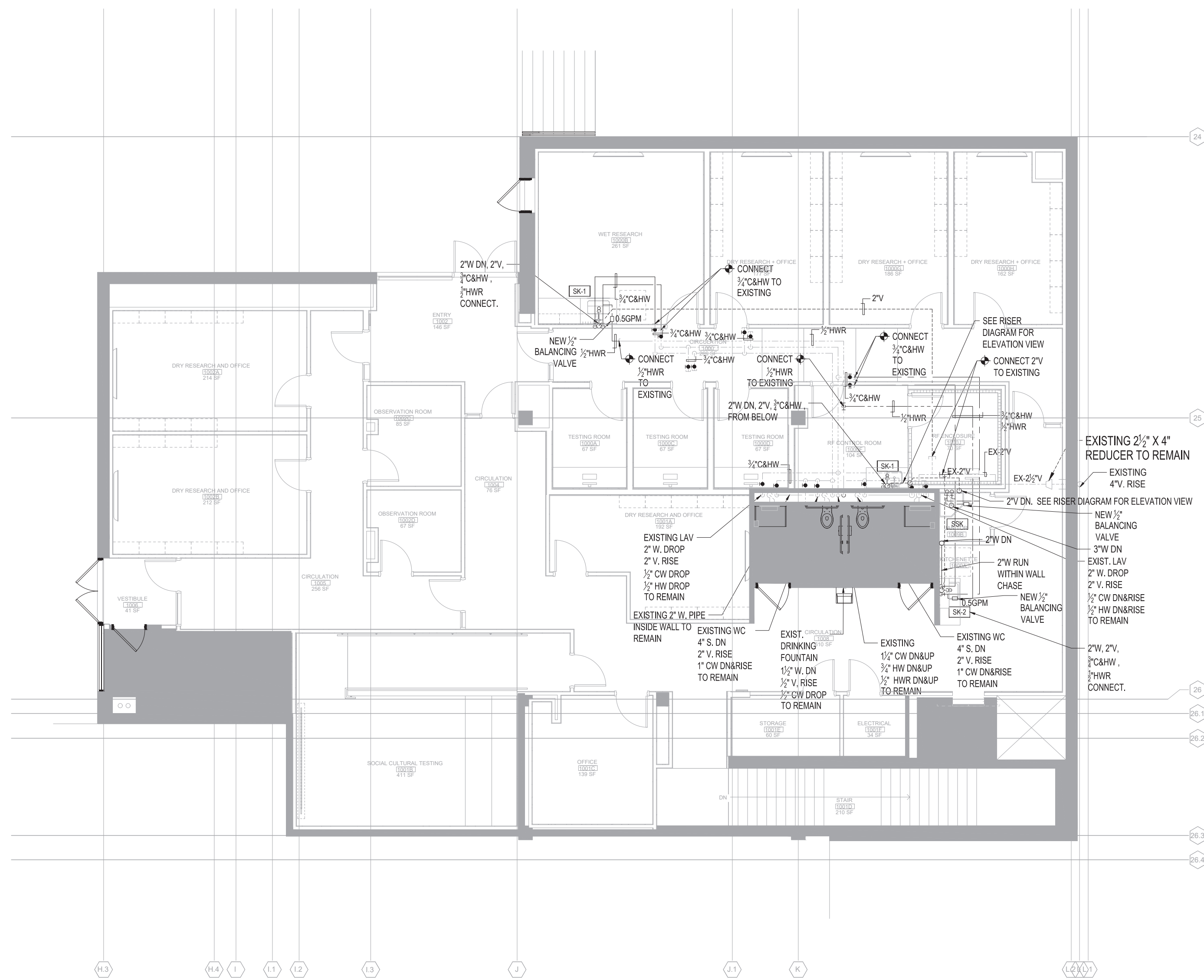
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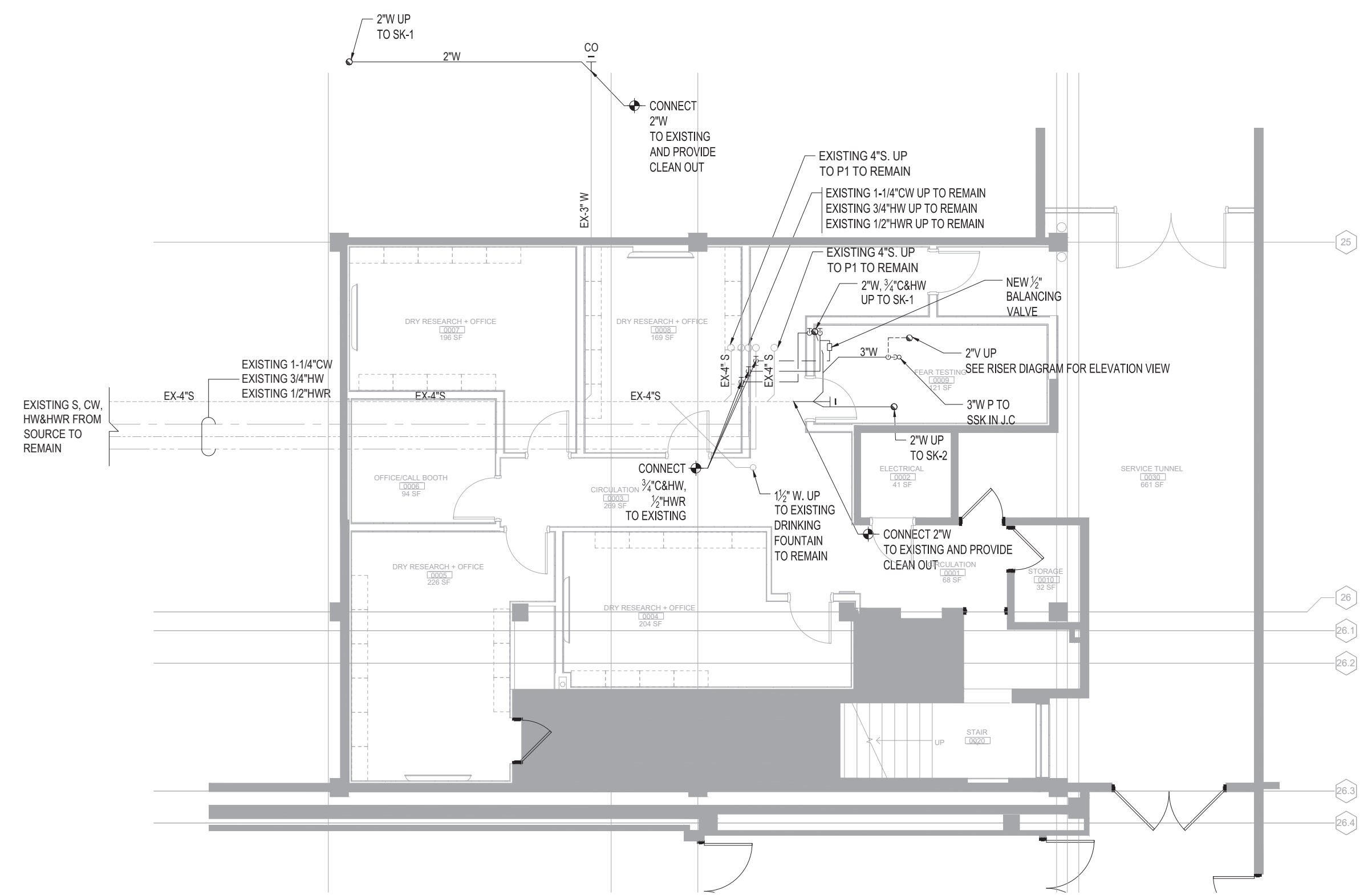
**PLUMBING - UPPER LEVEL  
& LOWER LEVEL PART  
PLANS DEMOLITION WORK**

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1 PLUMBING - UPPER LEVEL PART PLAN NEW WORK  
Scale: 1/8" = 1'-0"



2 PLUMBING - LOWER LEVEL PART PLAN NEW WORK  
Scale: 1/8" = 1'-0"



BOOKSTORE PSYCHOLOGY  
SWING SPACE  
FOR CONSTRUCTION

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**PLUMBING - UPPER  
LEVEL & LOWER LEVEL  
PART PLANS NEW  
WORK**

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VALVE SCHEDULE											
DESCRIPTION	SIZE	TYPE						REMARKS	ABBREVIATIONS		
		GATE	GLOBE	CHECK	BALL	PLUG	BALAN.		CLASS	ABB.	DESCRIPTION
DOMESTIC COLD WATER	2" AND SMALLER	G/V	G/V	C/V	B/V	--	--	125 PSI	--	BVA	BALL VALVE COMPRESSED AIR - 3-PIECE, 600 PSI, FULL PORT, BRONZE
DOMESTIC HOT WATER	2" AND SMALLER	G/V	G/V	C/V	B/V	--	CBV	125 PSI	--	BVF	BALL VALVE FLANGED - FULL PORT, BRONZE
										BVM	BALL VALVE MEDICAL - CLEANED FOR OXYGEN SERVICE, 3-PIECE, 600 PSI, FULL PORT, BRONZE
										BVT	BALL VALVE THREADED - 2-PIECE, FULL PORT, 400PSI, BRONZE
										CBV	CALIBRATED BALANCING VALVE, BRONZE
										C/VF	CHECK VALVE FLANGED - IBBM
										C/V	CHECK VALVE THREADED - BRONZE
										G/VF	GATE VALVE FLANGED - IBBM
										G/V	GATE VALVE THREADED - BRONZE
										G/V	GLOBE VALVE THREADED - BRONZE
										P/VF	PLUG VALVE FLANGED - AGA APPROVED
										P/V	PLUG VALVE THREADED - AGA APPROVED
SOLENOID VALVE: UL LISTED, FM APPROVED FOR GAS SERVICE, EXPLOSION PROOF, TWO-WAY NORMALLY CLOSED. (SOLENOID VALVE: ASCD 8044 SERIES W/ MANUAL RESET. (EMERGENCY GAS SHUT-OFF VALVE ASSEMBLY))											

INSULATION SCHEDULE					
SYSTEM	PIPE SIZE	PIPE INSULATION TYPE	PIPE INSULATION THICKNESS	FITTINGS, VALVES, FLANGES - INSULATION TYPE	REMARKS
DOMESTIC COLD WATER	ALL	MINERAL FIBER, ASJ, SSL	1"	MOLDED, PRE-FORMED MINERAL FIBER PVC JACKET	TYPE I
DOMESTIC HOT WATER	ALL	MINERAL FIBER, ASJ, SSL	1"	MOLDED, PRE-FORMED MINERAL FIBER PVC JACKET	TYPE I
KITCHEN WASTE ABOVE GROUND	ALL	MINERAL FIBER, ASJ, SSL	1"	MOLDED, PRE-FORMED MINERAL FIBER PVC JACKET	TYPE I
NOTE 1. FIBERGLASS INSULATION: THERMAL CONDUCTIVITY 22 TO 28 BTU x IN./H x FT x °F W/ 100°F MEAN TEMP. THICKNESS BASED ON ASHRAE 90.1, 2007, TABLE 6.8.3 NOTE 2. PROVIDE INSULATION ON FLOOR DRAIN TRAPS COLLECTING COLD CONDENSATE NOTE 3. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS					

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PLUMBING - SCHEDULES	
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