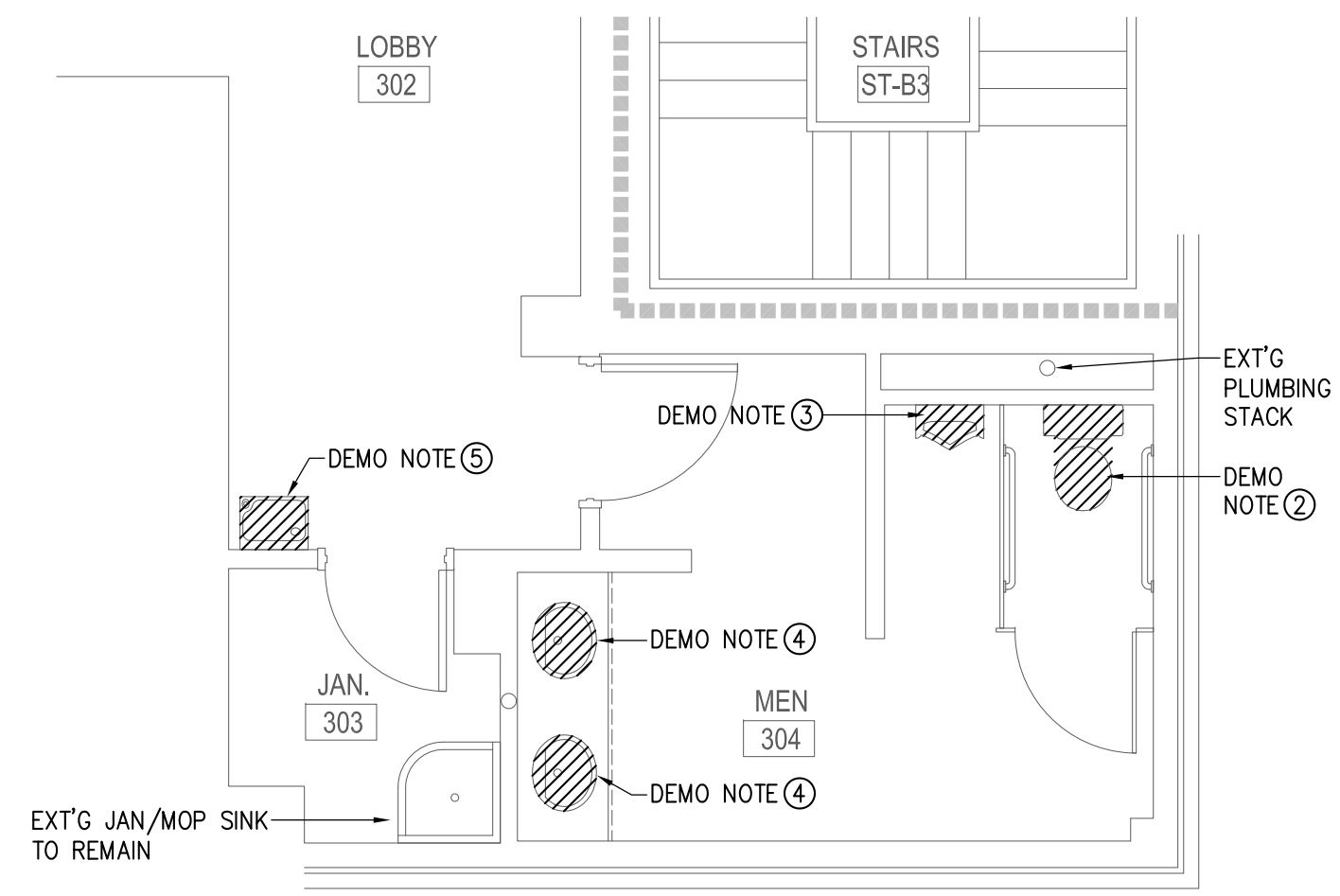
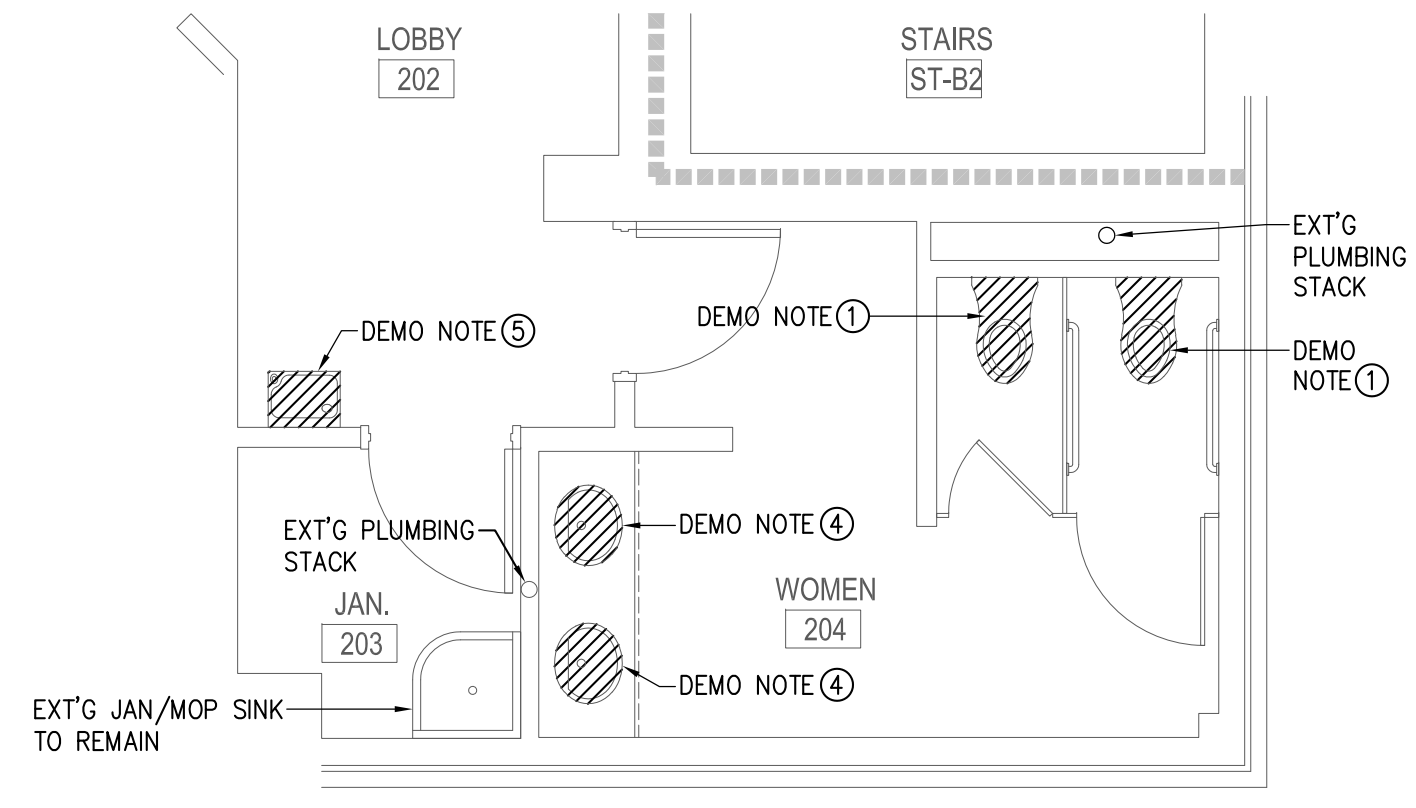


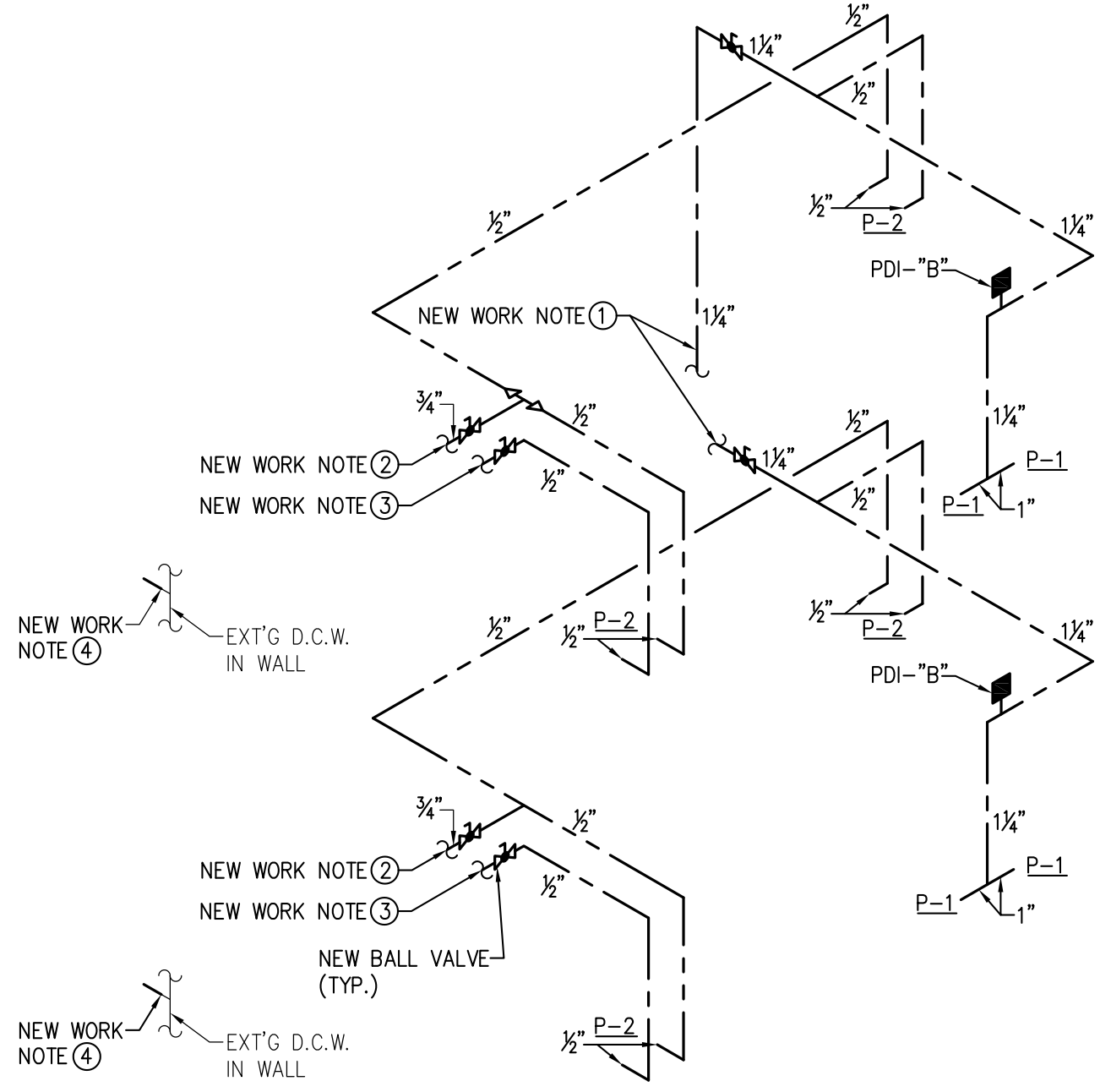
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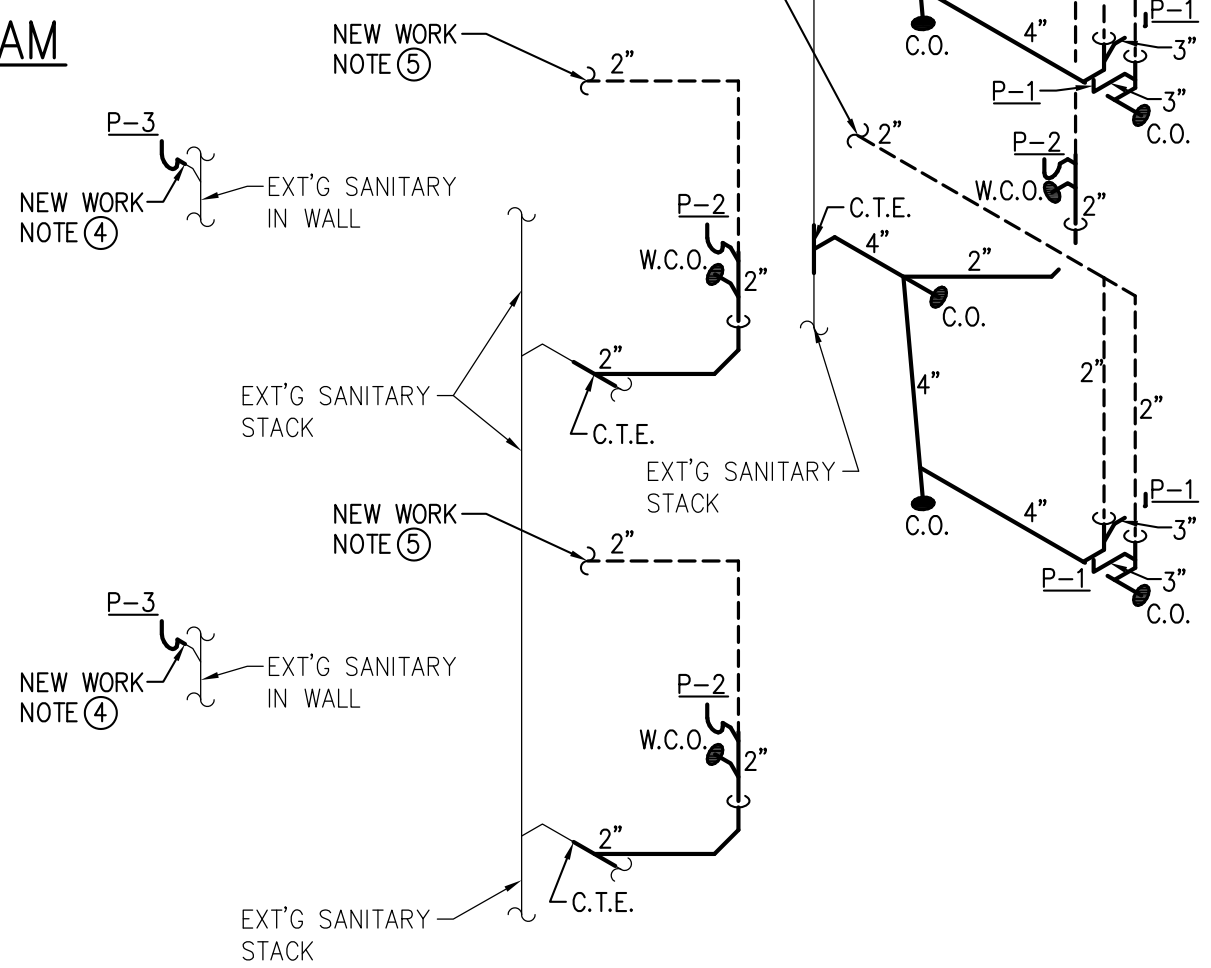
3rd FLOOR PLUMBING DEMOLITION PLAN
SCALE: 1/4" = 1'-0"
HATCHED AREA INDICATES ITEM TO BE REMOVED



2nd FLOOR PLUMBING DEMOLITION PLAN
SCALE: 1/4" = 1'-0"
HATCHED AREA INDICATES ITEM TO BE REMOVED



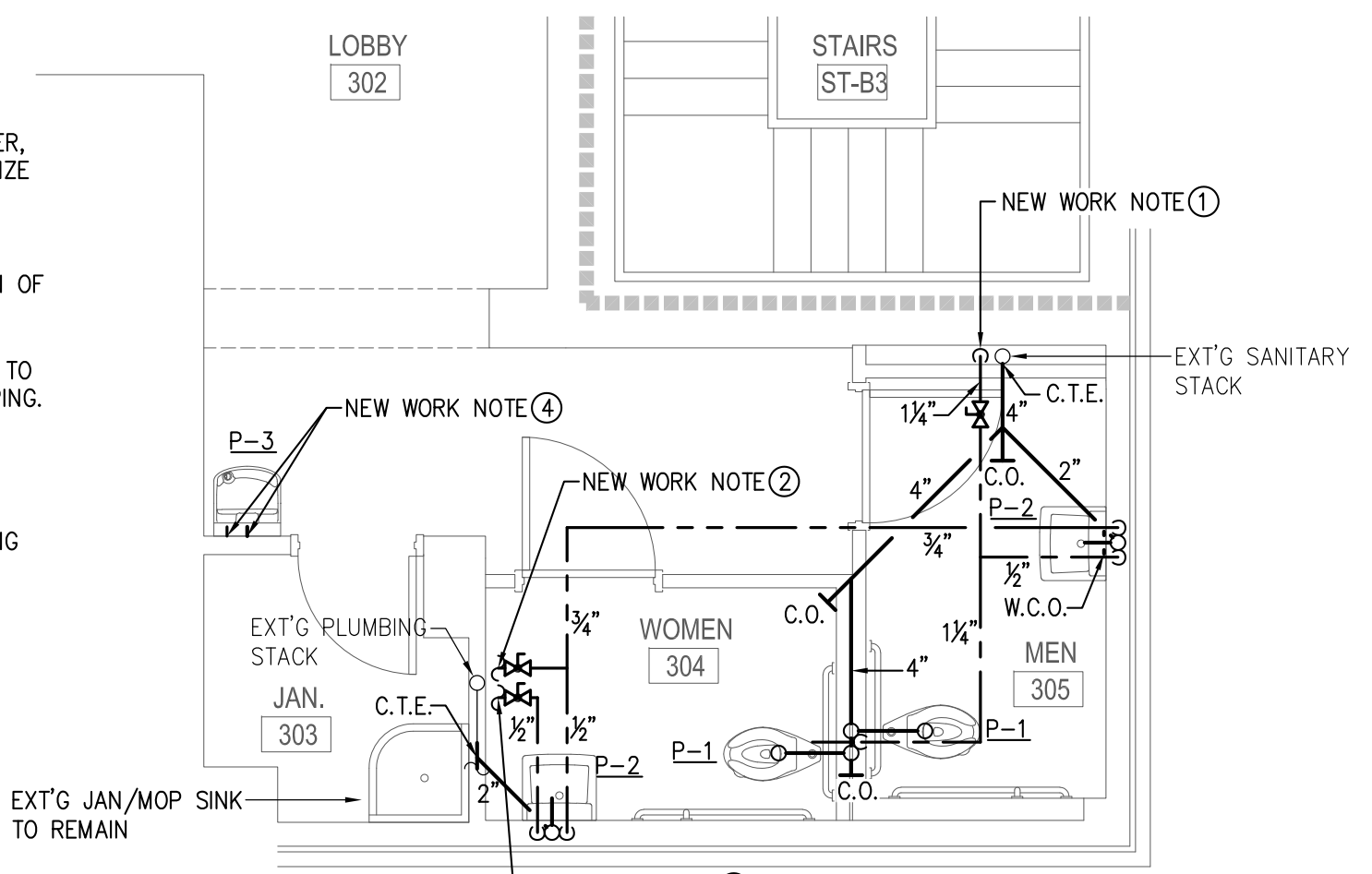
DOMESTIC WATER RISER DIAGRAM
NO SCALE



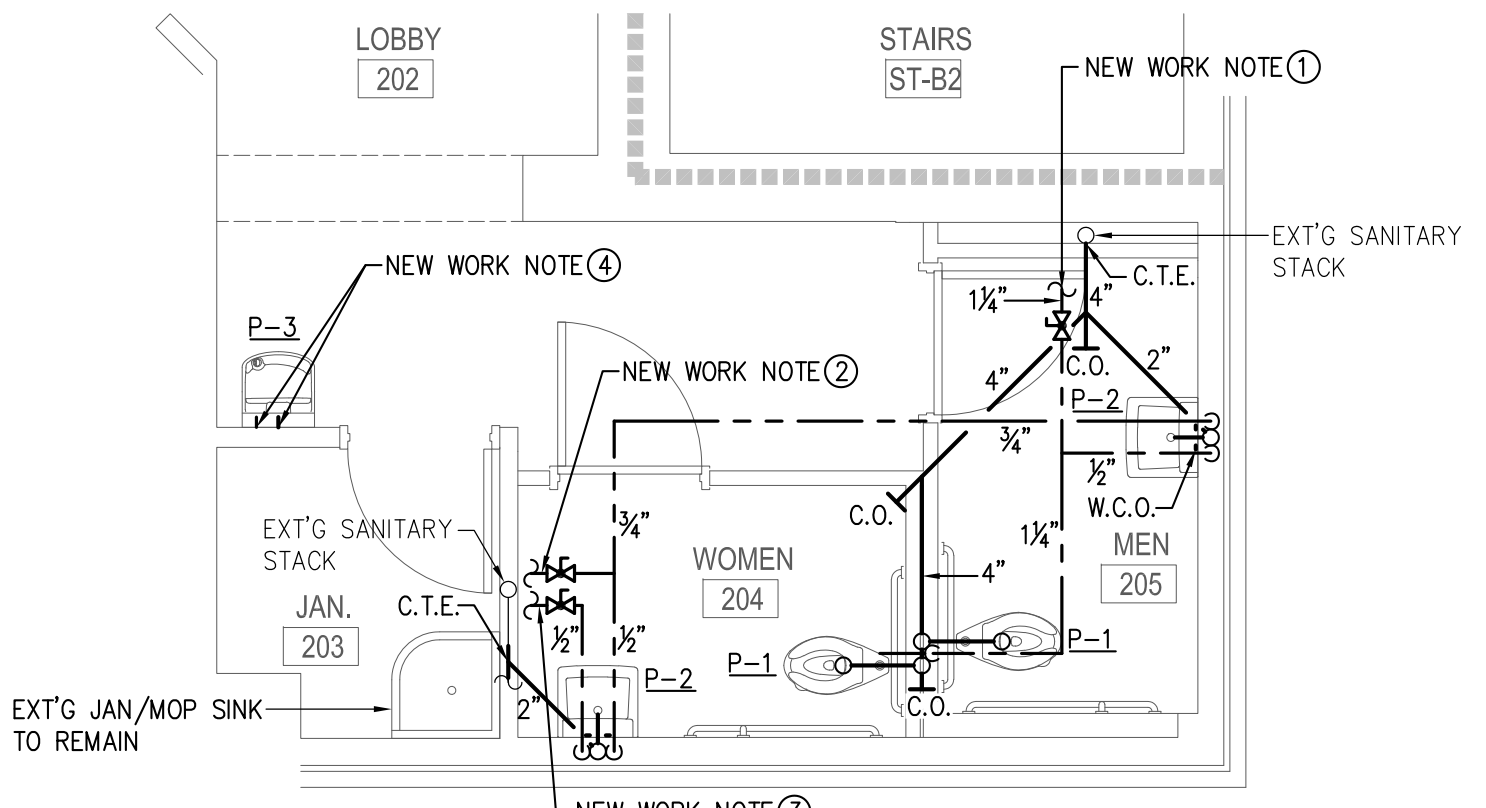
WASTE AND VENT RISER DIAGRAM
NO SCALE

- DEMO. NOTES:**
- REMOVE EXISTING WALL MOUNTED WATER CLOSET. DISCONNECT EXISTING D.C.W., S.S., & VENT PIPING TO EXISTING WATER CLOSET & CAP IN CHASE.
 - REMOVE EXISTING FLOOR MOUNTED WATER CLOSET. DISCONNECT EXISTING D.C.W., S.S., & VENT PIPING TO EXISTING WATER CLOSET. CAP EXISTING D.C.W. & VENT PIPING IN CHASE. CAP EXISTING S.S. PIPING BELOW FLOOR.
 - REMOVE EXISTING WALL MOUNTED URINAL. DISCONNECT EXISTING D.C.W., S.S., & VENT PIPING TO EXISTING URINAL & CAP IN CHASE.
 - REMOVE EXISTING COUNTER TYPE SINK. DISCONNECT EXISTING D.C.W., D.H.W., S.S., & VENT PIPING TO EXISTING SINK & CAP WITHIN WALL.
 - REMOVE EXISTING E.W.C. DISCONNECT EXISTING D.C.W., S.S., & VENT PIPING TO EXISTING E.W.C. AND PREPARE FOR RECONNECTION OF NEW E.W.C. (P-3)

- NEW WORK NOTES:**
- EXTEND & CONNECT NEW 1/2" D.C.W. TO EXT'G 1/2" OR GREATER, D.C.W. PIPING. CONTRACTOR TO VERIFY & CONFIRM EXISTING SIZE & LOCATION OF EXISTING PIPING.
 - EXTEND & CONNECT TO EXT'G 3/4" OR GREATER, D.H.W. PIPING. CONTRACTOR TO VERIFY & CONFIRM EXISTING SIZE & LOCATION OF EXISTING PIPING.
 - EXTEND & CONNECT TO EXT'G 1/2" D.C.W. PIPING. CONTRACTOR TO VERIFY & CONFIRM EXISTING SIZE & LOCATION OF EXISTING PIPING.
 - NEW 1/2" D.C.W. AND 1/4" E.W.C. WASTE SHALL CONNECT TO EXISTING PLUMBING IN WALL.
 - EXTEND & CONNECT NEW 2" SANITARY VENT PIPING TO EXISTING 2" OR GREATER VENT PIPING.



3rd FLOOR PLUMBING NEW WORK PLAN
SCALE: 1/4" = 1'-0"
ALL NEW WORK IN BOLD



2nd FLOOR PLUMBING NEW WORK PLAN
SCALE: 1/4" = 1'-0"
ALL NEW WORK IN BOLD

WORKING HEIGHTS FOR HANDICAPPED PLUMBING FIXTURES		
ELECTRIC WATER COOLER	WALL HUNG LAVATORY	WATER CLOSET - FLOOR MOUNTED
NOTE: EQUIPMENT PERMITTED WITHIN DASHED LINES IF MOUNTED BELOW APRON. REFER TO ARCH. DRAWINGS	NOTE: DASHED LINES INDICATES DIMENSIONAL CLEARANCE OF OPTIONAL ENCLOSURE.	NOTE: FLUSH VALVE ACTIVATOR TO BE LOCATED ON WIDE SIDE OF THE TOILET STALL.

PLUMBING GENERAL NOTES	
1. THE CONTRACTOR SHALL COORDINATE INSTALLATION WITH OTHER TRADES.	
2. THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS SHOWN.	
3. THE CONTRACTOR SHALL REFER TO SITE PLANS FOR ALL OUTSIDE WORK TO BE PERFORMED.	
4. ALL PLUMBING WORK SHALL CONFORM TO THE INTERNATIONAL PLUMBING CODE, OSHA & ADA REQUIREMENTS, AND ALL APPLICABLE LOCAL CODES AND ORDINANCES.	
5. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING WASTE & WATER PIPING BEFORE STARTING THE PROJECT.	
6. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS OF PLUMBING EQUIPMENT, FLOOR DRAINS & MOUNTING HEIGHTS OF PLUMBING FIXTURES.	
7. PIPING SHOWN ON ALL RISER DIAGRAMS ARE DIAGRAMMATIC, CONTRACTOR IS RESPONSIBLE FOR ALL FITTINGS AND CONNECTIONS AS REQUIRED FOR A COMPLETE INSTALLATION.	
8. ALL PIPING ARRANGEMENTS & ROUTINGS AS SHOWN ARE DIAGRAMMATIC AND MAY REQUIRE ALTERATIONS DIFFERENT FROM THAT SHOWN IN ORDER TO ACCOMMODATE STRUCTURAL/ARCHITECTURAL FEATURES. THE CONTRACTOR SHALL VERIFY AND MAKE ALTERATIONS OR REVISIONS AS REQUIRED.	
9. THE PLUMBER SHALL PAY FOR ALL FEES.	

PLUMBING SPECIFICATIONS

- GENERAL PROVISIONS**
- A. CODES - THE FOLLOWING CODES ARE IMPOSED AS APPLICABLE TO THE WORK.
- SOUTH CAROLINA DEPARTMENT OF HEALTH & ENVIRONMENTAL CONTROL
 - INTERNATIONAL BUILDING CODE - 2018 EDITION
 - INTERNATIONAL PLUMBING CODE - 2018 EDITION
- B. EQUIPMENT LABELING - ALL ELECTRICALLY POWERED EQUIPMENT TO BE U.L. LABELED OR SIMILAR TESTING AGENCY.
- C. MAINTENANCE MANUALS - PROVIDE OWNER WITH (3) THREE COMPLETE SETS OF BOUND PRODUCT AND MAINTENANCE DATA.

- SOIL AND WASTE PIPING SYSTEM**
- A. PIPING - SCHEDULE 40 PVC STANDARD WEIGHT, SOLID WALL PIPE. CELLULAR CONE PVC PIPE IS NOT ACCEPTABLE.
- B. ESCUTCHEONS - HEAVY CHROME PLATED BRASS.
- C. IN GENERAL ROUTE NEW PIPING IN BUILDING FROM FIXTURES TO POINT 5'-0" OUTSIDE OF BUILDING.
- D. CLEANOUTS - ACCEPTABLE MANUFACTURERS: JOSAM, ZURN, WADE, J.R. SMITH.

PLUMBING FIXTURE SCHEDULE						
ITEM	FIXTURE	COLD WATER	HOT WATER	WASTE	REMARKS	
P-1	WATER CLOSET (FLOOR MTD)	1"	---	3"	FLUSH VALVE, MEETS A.D.A.	
P-2	WALL HUNG LAVATORY	1/2"	1/2"	1 1/4"	MEETS A.D.A.	
P-3	ELECTRIC WATER COOLER	1/2"	---	1 1/4"	MEETS A.D.A.	

NOTES:

- ALL HAND SINKS TO HAVE ASSE 1070 LISTED TEMPERED WATER MIXING VALVE EQUAL TO "WATTS" LFUSG-B-M2 THERMOSTATIC MIXING VALVE.

ELECTRIC WATER COOLER SCHEDULE							
ITEM	ELKAY MODEL NO.	G.P.H. CAPACITY	WATTS	F.L.A.	H.P.	VOLTAGE	REMARKS
P-3	EZSDSVRLK	8	370	5.0	1/2	115/1/60	SINGLE STATION LEAD FREE/BARRIER FREE W/BOTTLE FILLING STATION

PLUMBING LEGEND	
---	CONNECT TO EXISTING
C.O.	CLEAN OUT
D.C.W.	DOMESTIC COLD WATER
D.H.W.	DOMESTIC HOT WATER
S.S.	SANITARY SEWER
W.C.O.	WALL CLEAN OUT
---	DOMESTIC COLD WATER PIPING
---	DOMESTIC HOT WATER PIPING (110°F)
---	SANITARY SEWER or WASTE PIPING
---	VENT PIPING
---	BALL VALVE
---	CLEAN OUT
---	WATER HAMMER ARRESTOR

- SYSTEMS INSULATION**
- A. DOMESTIC WATER PIPING - PIPE SIZE 1-1/2" AND SMALLER - 1" THICKNESS. INSULATION TO BE OWENS CORNING FIBERGLAS ASJ/SSL-11, U.L. LISTED.
- B. ALL EXPOSED WATER AND WASTE DRAINAGE PIPE UNDER ALL HANDICAPPED AND PUBLIC LAVATORIES SHALL BE INSULATED SAME AS DOMESTIC WATER PIPING.
- C. ACCEPTABLE MANUFACTURERS - CERTAINTEED, KNUAF, AND OWENS-CORNING.
- DOMESTIC WATER PIPING SYSTEM**
- A. PIPING - COPPER TUBE ASTM B88, TYPE L, HARD-DRAWN TEMPER.
- B. VALVES - 150 LB. BRONZE GATE AND GLOBE VALVES. ACCEPTABLE MANUFACTURERS: HAMMOND, NIBCO-SCOOT, GRINNELL AND CRANE.
- C. ESCUTCHEON - HEAVY CHROME PLATED BRASS.
- D. STERILIZATION - AS REQUIRED BY SOUTH CAROLINA DEPARTMENT OF HEALTH & ENVIRONMENTAL CONTROL.

- PLUMBING FIXTURES**
- P-1 WATER CLOSET (FLOOR MOUNTED-ADA): "AMERICAN STANDARD" NO. 3461.128, ELONGATED BOWL, TOP SPUD, VITREOUS CHINA, 1.28 GPF. PROVIDE WITH "OLSONITE" NO. 95 OPEN FRONT SEAT LESS COVER AND "SLOAN ROYAL" No. 111-1.28-SMO BATTERY-POWERED FLUSH VALVE. FLUSH VALVE ACTIVATION SHALL BE MOUNTED TO THE WIDE SIDE OF TOILET STALL. FIXTURE AND SEAT COLOR SHALL BE WHITE.
- P-2 WALL-HUNG LAVATORY (ADA): "AMERICAN STANDARD" NO. 0355.012 "LUCERNE 4" HOLE CENTERS, FRONT OVERFLOW, CONCEALED ARM SUPPORT AND CARRIER, WITH "DELTA" No. 5911250 BATTERY FAUCET, WITH "MCGUIRE" NO. 8872, 17 GA., CHROME PLATED P-TRAP, AND "MCGUIRE" NO. H2165 CHROME PLATED ANGLE SUPPLY STOPS. ON ADA SINKS PROVIDE WITH "TRUBRO" NO. 102 WHITE INSULATION GUARD FOR P-TRAP AND STOP VALVES. PROVIDE NO. 105 OFFSET DRAIN IF NECESSARY.
- P-4 ELECTRIC WATER COOLER W/BOTTLE FILLER (ADA): "ELKAY" NO. EZSDSVRLK, SINGLE STATION WALL MOUNT WATER COOLER, WITH BOTTLE FILLING STATION, STAINLESS STEEL CABINET, LEAD FREE BARRIER-FREE WATER COOLER, 8.0 GPH OF 50 DEGREE F. WATER TO 90 DEGREES F. AMBIENT AND 80 DEGREES F. ENTERING WATER; WITH "MCGUIRE" NO. 8872, 17 GA., 1-1/4" CHROME PLATED P-TRAP AND "MCGUIRE" NO. H2165 CHROME PLATED ANGLE SUPPLY STOP.

NO.	DATE	BY	DESCRIPTION
0	4-7-21	SEM	ISSUED FOR BID



RESTROOM RENOVATION FOR
323 MAIN STREET
LANDER UNIVERSITY
GREENWOOD, SOUTH CAROLINA

DESIGN / DRAWN
SEM / TMI

CHECKED
JCP

DATE
4-7-2021

JOB NO.
PERITUS #210313

SHEET
P-1

1 OF 1 SHEETS