

- NOTES:
- ① FOR THE ENTIRE BUILDING, REPLACE EXISTING FAUCET AERATORS WITH LOW FLOW AERATORS. SEE RENOVATION PLANS.
 - ② REMOVE EXISTING WATER CLOSET AND FLUSH VALVES AND REPLACE WITH NEW LOW FLOW FIXTURE. SEE RENOVATION PLANS.
 - ③ FOR THE ENTIRE BUILDING, EXISTING SHOWER HEADS TO BE REPLACED WITH NEW. PROVIDE COMPLETE ASSEMBLY INCLUDING SHOWER HEAD STEM WHERE REQUIRED.

1 SECOND FLOOR PLUMBING DEMOLITION PLAN
 P1.2 SCALE: 1/8"=1'-0"

Partner In Charge	JCB
Project Architect	JCB
Drawn By	JDT/TRB
Date Drawn	12/06/11
Revisions	
No. _____	Date _____
No. _____	Date _____
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Project
 MAXCY COLLEGE RENOVATION
 PROJECT # H27-6073-AC

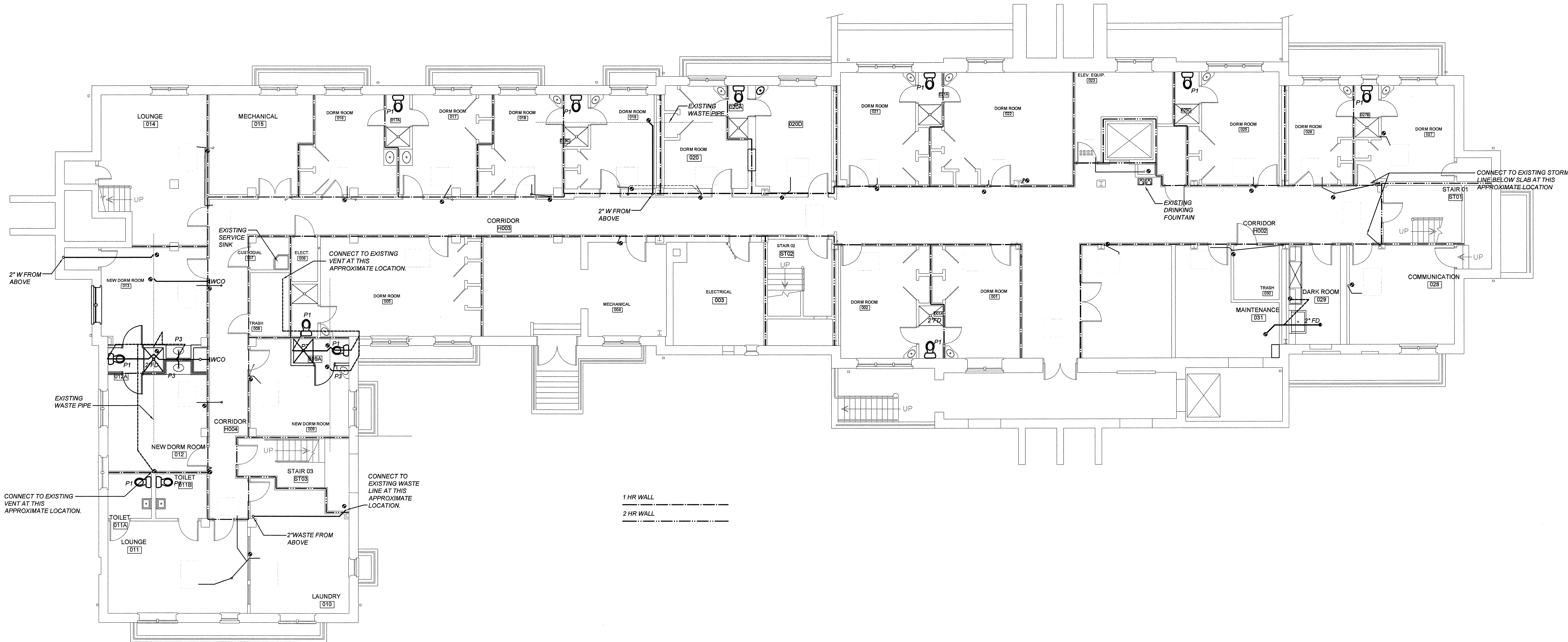
Sheet Title
 SECOND FLOOR PLUMBING DEMOLITION PLAN

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1812 LINCOLN STREET
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 COLUMBIA, SC 29201-2310
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Project Number
961

Sheet
P1.2



1 BASEMENT WASTE AND VENT PLAN
 P2.0 SCALE: 1/8"=1'-0"

Partner In Charge	JCB
Project Architect	JCB
Drawn By	JDT/TRB
Date Drawn	12/06/11
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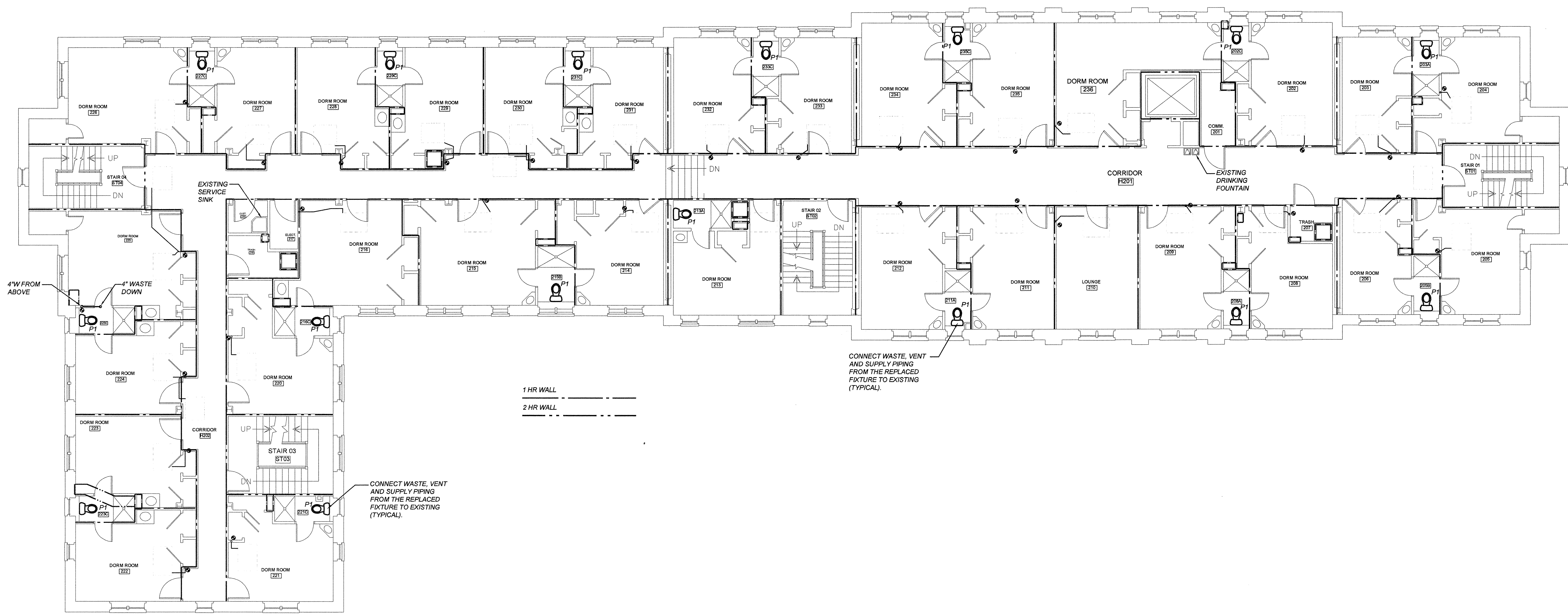
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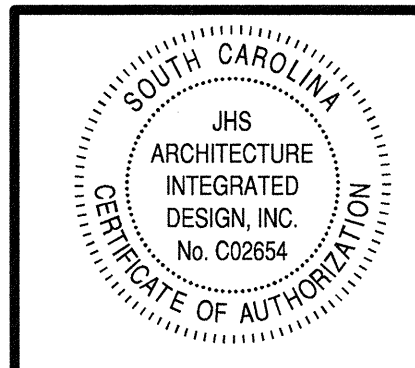
Project Number
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Sheet
P2.0



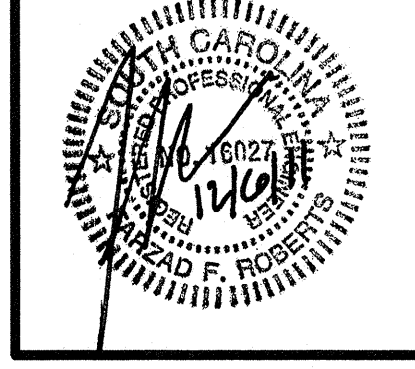
1 SECOND FLOOR WASTE AND VENT PLAN
 P.2.2 SCALE: 1/8"=1'-0"

Partner In Charge	JCB
Project Architect	JCB
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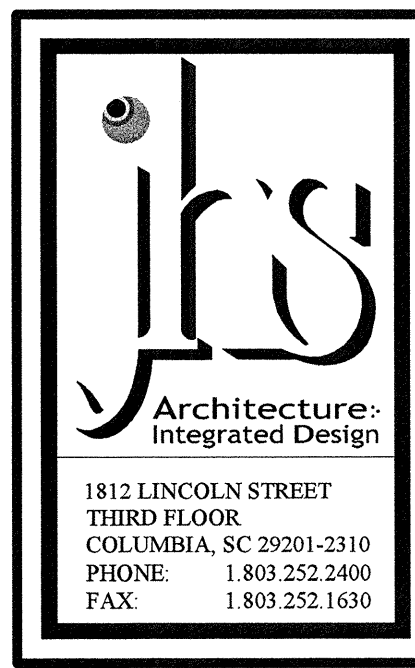


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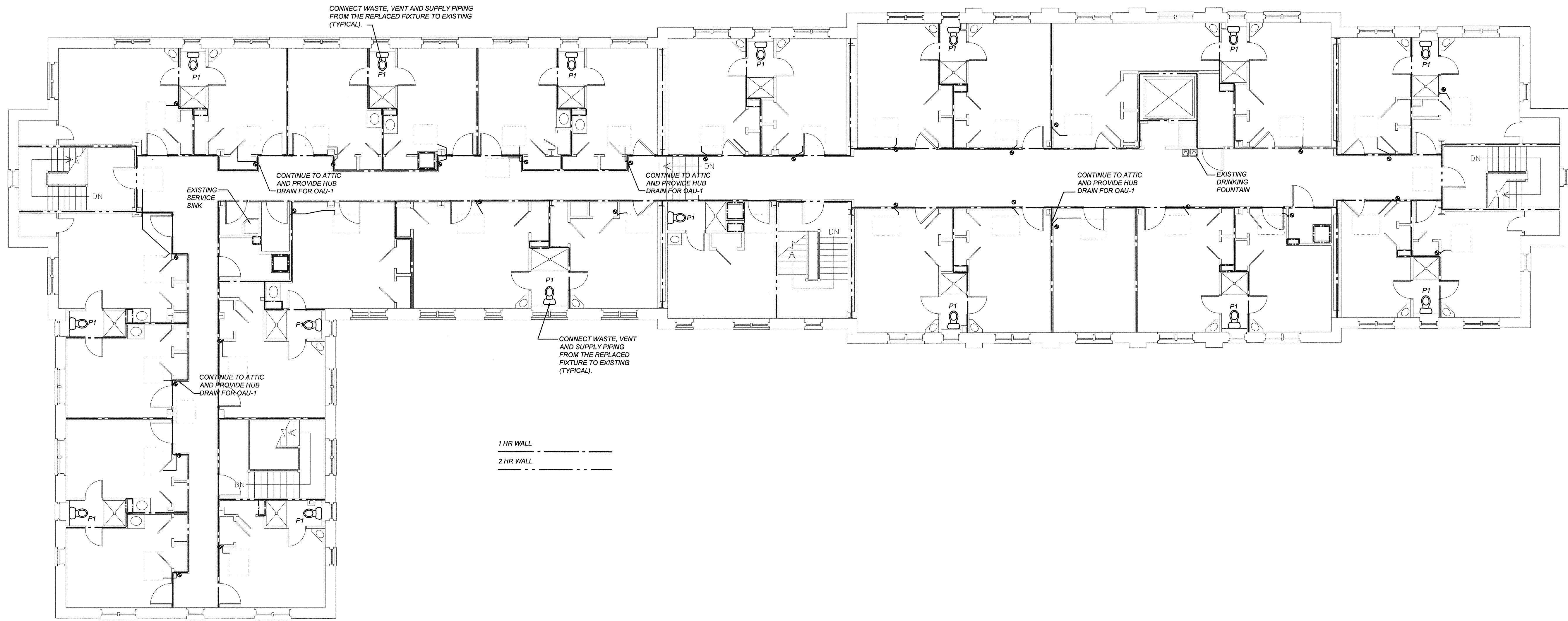


Project: MAXCY COLLEGE RENOVATION
 PROJECT # H27-6073-AC
 Sheet Title: SECOND FLOOR WASTE AND VENT PLAN



Project Number: 961

Sheet: P.2.2



1 THIRD FLOOR WASTE AND VENT PLAN
 P2.3 SCALE: 1/8"=1'-0"

Partner In Charge	JCB
Project Architect	JCB
Drawn By	JDT/TRB
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Project
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 PROJECT # H27-6073-AC

Sheet Title
 THIRD FLOOR WASTE AND VENT PLAN

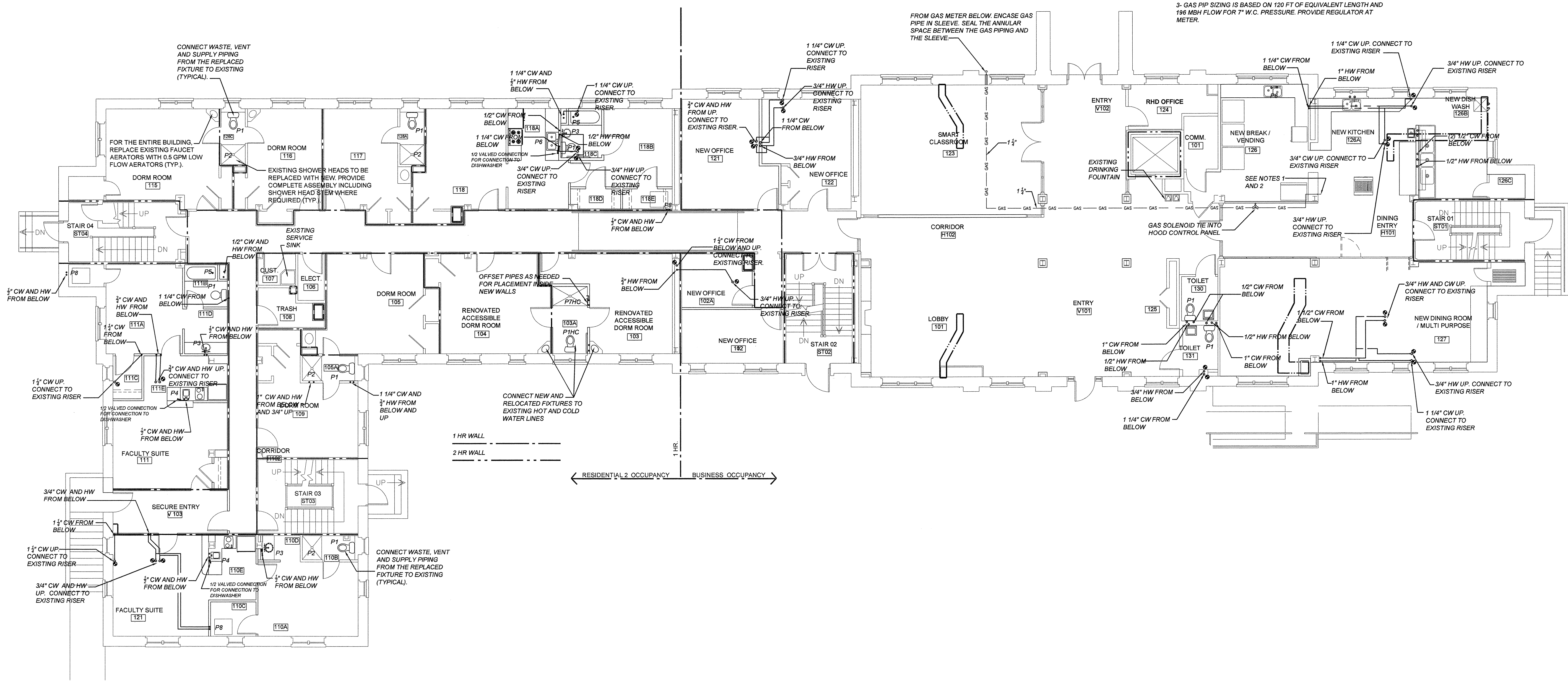
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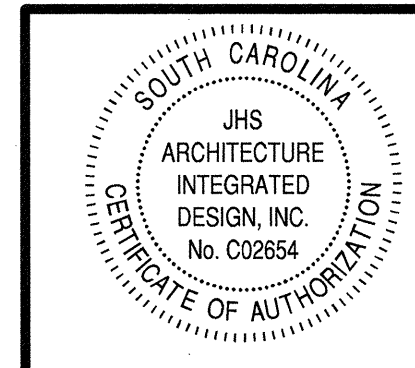
Project Number	961
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Project Architect	JCB
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NOTES:
 1- PROVIDE TWO 1" VALVED GAS CONNECTIONS AT 6" A.F.F. FOR KITCHEN EQUIPMENT. SEE KITCHEN SHOP DRAWINGS.
 2- PORTION OF THE GAS PIPE INSTALLED IN CONCEALED LOCATIONS SHALL NOT HAVE UNIONS, TUBING FITTINGS, RIGHT AND LEFT COUPLINGS, BUSHINGS, COMPRESSION COUPLINGS AND SWING JOINTS MADE BY COMBINATIONS OF FITTINGS, EXCEPT FOR TUBING JOINED BY BRAZING.
 3- GAS PIP SIZING IS BASED ON 120 FT OF EQUIVALENT LENGTH AND 198 MBH FLOW FOR 7" W.C. PRESSURE. PROVIDE REGULATOR AT METER.

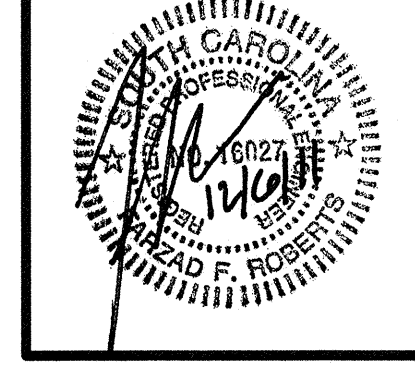


1 FIRST FLOOR PLUMBING SUPPLY PLAN
 P3.1 SCALE: 1/8"=1'-0"



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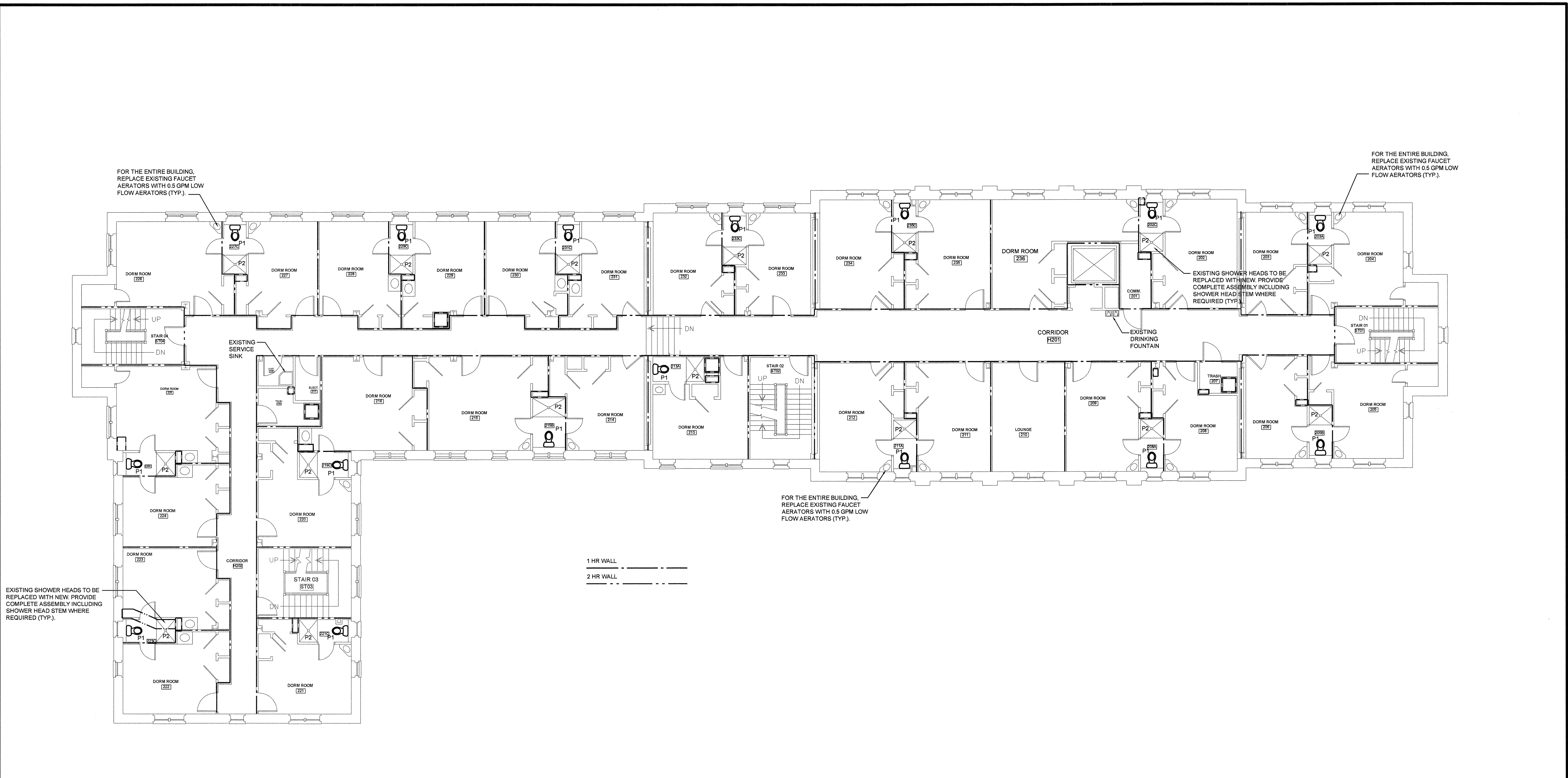
Project	MAXCY COLLEGE RENOVATION PROJECT # H27-6073-AC
Sheet Title	FIRST FLOOR PLUMBING SUPPLY PLAN

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Project Number
961

Sheet
P3.1



FOR THE ENTIRE BUILDING, REPLACE EXISTING FAUCET AERATORS WITH 0.5 GPM LOW FLOW AERATORS (TYP.).

FOR THE ENTIRE BUILDING, REPLACE EXISTING FAUCET AERATORS WITH 0.5 GPM LOW FLOW AERATORS (TYP.).

EXISTING SHOWER HEADS TO BE REPLACED WITH NEW. PROVIDE COMPLETE ASSEMBLY INCLUDING SHOWER HEAD STEM WHERE REQUIRED (TYP.).

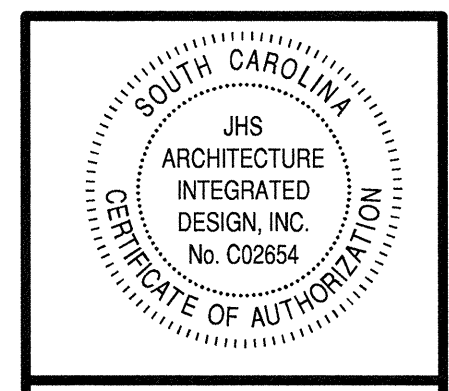
EXISTING SHOWER HEADS TO BE REPLACED WITH NEW. PROVIDE COMPLETE ASSEMBLY INCLUDING SHOWER HEAD STEM WHERE REQUIRED (TYP.).

FOR THE ENTIRE BUILDING, REPLACE EXISTING FAUCET AERATORS WITH 0.5 GPM LOW FLOW AERATORS (TYP.).

1 HR WALL
2 HR WALL

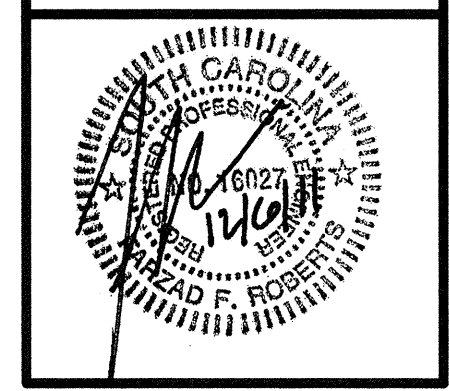
1 SECOND FLOOR PLUMBING SUPPLY PLAN
P3.2 SCALE: 1/8"=1'-0"

Partner In Charge	JCB
Project Architect	JCB
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Project	MAXCY COLLEGE RENOVATION PROJECT # H27-6073-AC
Sheet Title	SECOND FLOOR PLUMBING SUPPLY PLAN

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Project Number	961
Sheet	P3.2

SEISMIC AND WIND REQUIREMENTS FOR PLUMBING SYSTEMS
INFORMATION FOR NCSBC 2009 / IBC-2006 / ASCE 7-05

- A. EQUIPMENT APPLIANCES AND SUPPORTS (INCLUDING ROOF CURBS & ROOF RAILS) EXPOSED TO WIND SHALL BE DESIGNED AND INSTALLED TO RESIST THE WIND PRESSURES DETERMINED IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODE. WHERE SEISMIC RESTRAINT IS REQUIRED, THE MORE DEMANDING FORCE OF WIND AND SEISMIC MUST BE USED. SEE SEISMIC INFORMATION CONTAINED IN THE STRUCTURAL DRAWINGS FOR SITE SPECIFIC INFORMATION ON SEISMIC DESIGN CATEGORY.
- B. SEE EQUIPMENT SCHEDULES AND DETAILS FOR SPECIFIC COMPONENT IMPORTANCE FACTOR DESIGNATIONS.
- C. USE APPLICABLE TABLE BELOW TO DETERMINE SEISMIC RESTRAINT REQUIREMENTS FOR EACH MECHANICAL COMPONENT.
- D. FOR ALL COMPONENTS REQUIRING SEISMIC RESTRAINT, THE COMPONENT SUPPORTS AND ATTACHMENTS SHALL BE DESIGNED BY A REGISTERED DESIGN PROFESSIONAL.
- E. WHERE SEISMIC RESTRAINT IS REQUIRED, HOUSEKEEPING PADS NEEDED FOR THE INSTALLATION OF EQUIPMENT UNDER THIS CONTRACT MUST BE DESIGNED BY THE SEISMIC ENGINEER. DO NOT POUR ANY HOUSEKEEPING PADS PRIOR TO THE RECEIPT OF THE SEISMIC SUBMITTAL.
- F. SEISMIC RESTRAINTS FOR PIPING MUST BE SHOWN ON LAYOUT DRAWINGS SHOWING SPECIFIC RESTRAINT LOCATIONS ALONG WITH ACCOMPANYING DETAILS AND CALCULATIONS.

PIPING COMPONENT I _p DESIGNATION	
I _p 1.0	I _p 1.5
DOMESTIC OLD WATER	GAS PIPING
DOMESTIC HOT WATER SUPPLY	
DOMESTIC HOT WATER RETURN	
WASTE, VENT, ROOF LEADERS	

SEISMIC DESIGN CATEGORIES D, E, F

COMPONENT IDENTIFICATION	SEISMIC RESTRAINT REQUIREMENT	COMPONENT IMPORTANCE FACTOR (I _p)	
		1.0	1.5
ROOF MOUNTED	RESTRAIN ALL (SEE NOTE 1)	13.1.4.3	RESTRAIN ALL 13.1.4.3
FLOOR MOUNTED	RESTRAIN ALL (SEE NOTE 1,2)	13.1.4.3	RESTRAIN ALL 13.1.4.3
WALL MOUNTED	RESTRAIN ALL (SEE NOTE 1,2)	13.1.4.3	RESTRAIN ALL 13.1.4.3
COMPONENT SUPPORTS	RESTRAIN ALL (SEE NOTE 1)	13.6.5	RESTRAIN ALL 13.6.5
SUSPENDED EQUIPMENT	RESTRAIN ALL (SEE NOTE 1)	13.1.4.3	RESTRAIN ALL 13.1.4.3
SUSPENDED DUCTILE PIPING (STEEL, ALUMINUM, COPPER, ETC.)	>3" (SEE NOTE 3,5)	TC-8-CH13-48-R8 13.6.8.3.3.C	>1" (SEE NOTE 3,5) TC-8-CH13-48-R8 13.6.8.3.3.B
SUSPENDED NON DUCTILE PIPING (CAST IRON, PLASTIC, CERAMIC)	RESTRAIN ALL (SEE NOTE 3,5)	TC-8-CH13-48-R8 13.6.8.3.3	RESTRAIN ALL (SEE NOTE 3,5) TC-8-CH13-48-R8 13.6.8.3.3
SUSPENDED PIPE ON TRAPEZE	RESTRAIN IF ANY PIPE ON TRAPEZE > 3" RESTRAIN IF TOTAL WEIGHT OF PIPES ON TRAPEZE > 10 LBS/FT (SEE NOTE 3,5)	TC-8-CH13-48-R8 13.6.8.3.1	RESTRAIN IF ANY PIPE ON TRAPEZE > 1" RESTRAIN IF TOTAL WEIGHT OF PIPES ON TRAPEZE > 10 LBS/FT (SEE NOTE 3,5) TC-8-CH13-48-R8 13.6.8.3.1
COMPONENT CERTIFICATION (SEE NOTE 5)	NOT REQUIRED	13.2.2	REQUIRED 13.2.2

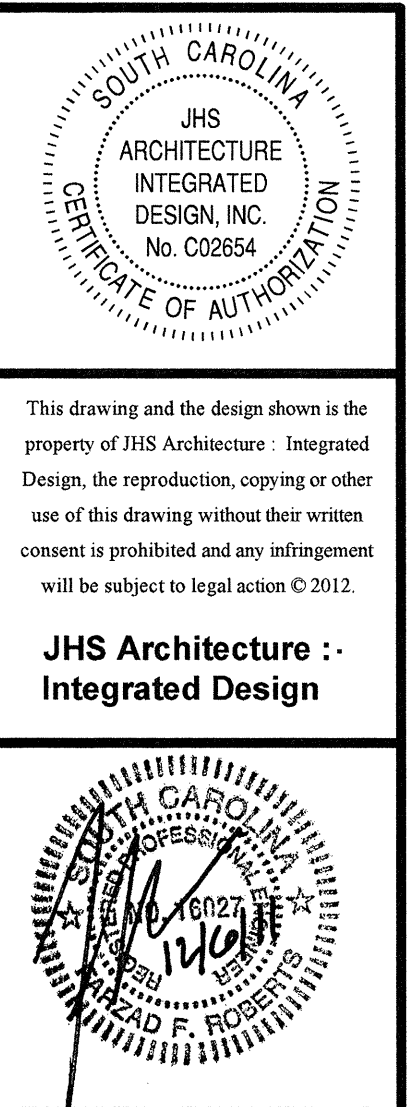
- NOTES
- EQUIPMENT 20 LBS. OR LESS IS EXEMPT IF FLEXIBLE CONNECTIONS ARE PROVIDED BETWEEN THE COMPONENT AND ASSOCIATED DUCTWORK, PIPING, AND CONDUIT.
 - RESTRAINTS ARE NOT REQUIRED IF THE COMPONENT WEIGHTS 400 LBS. OR LESS, IS MOUNTED AT 4 FT. OR LESS ABOVE A FLOOR, AND HAS FLEXIBLE CONNECTIONS BETWEEN THE COMPONENT AND ASSOCIATED DUCTWORK, PIPING, AND CONDUIT.
 - RESTRAINT IS NOT REQUIRED IF THE PIPING IS SUPPORTED BY HANGERS AND EACH HANGER IN THE PIPING RUN IS 12" OR LESS IN LENGTH FROM THE TOP OF THE PIPE TO THE SUPPORTING STRUCTURE. WHERE PIPES ARE SUPPORTED ON A TRAPEZE, THE TRAPEZE SHALL BE SUPPORTED BY HANGERS HAVING A LENGTH OF 12" OR LESS. WHERE ROD HANGERS ARE USED, THEY SHALL BE EQUIPPED WITH SWIVELS, EYE NUTS OR OTHER DEVICES TO PREVENT BENDING IN THE ROD.
 - COMPONENT CERTIFICATION MUST BE SUPPLIED BY THE EQUIPMENT MANUFACTURER AT TIME OF SUBMITTAL FOR REVIEW BY ENGINEER OF RECORD.
 - TC-8-CH13-48-R8 IS A DOCUMENT DATED DEC. 5, 2008 BY THE ASCE7 STANDARDS COMMITTEE PROPOSING REVISIONS TO THE 2005 EDITION OF ASCE7.

KITCHEN ELECTRIC WATER HEATER SCHEDULE					
SYMBOL	STORAGE TANK CAPACITY (GAL.)	KW	RECOVERY RATE GPH @ 90° F RISE	A. O. SMITH MODEL	REMARKS
WH-1	80	18	70	DRE-80-18	1-5

- MODEL NUMBERS ECT IS BASED ON A O SMITH EQUAL UNITS BRADFORD WHITE OR RUDD
- SEISMIC COMPONENT IMPORTANCE FACTOR=1.0
- REFER TO ELECTRICAL DRAWINGS FOR VOLTAGE REQUIREMENTS.
- PROVIDE WITH PM-6 OR EQUAL EXPANSION TANK. INSTALL PER MANUFACTURER'S RECOMMENDATION.
- UNITS OVER 12 KW TO MEET ASHRAE 90.1 (1999) STANDBY LOSS REQUIREMENTS. UNITS UNDER 12KW TO MEET THE ENERGY FACTOR REQUIREMENTS OF THE STANDARD.

PLUMBING FIXTURE SCHEDULE							
SYMBOL	DESCRIPTION	MANUFACTURER	MODEL NO.	CW	HW	WASTE	REMARKS
P1	ECOAVANTAGE HIGH EFFICIENCY TOILET SYSTEM COMPLETE WITH EXPOSED MANUAL Z6000AV-HET HIGH EFFICIENCY FLUSHMETER VALVE AND FLOOR MOUNTED, VITREOUS CHINA TOILET. THE SYSTEM TO BE DESIGNED TO PERFORM TO INDUSTRY STANDARDS WITH 1.28 GALLONS PER FLUSH. PROVIDE WITH Z5955SS-EL ELONGATED, STANDARD WHITE, OPEN FRONT TOILET SEAT LESS COVER WITH STAINLESS STEEL CHECK HINGE.	ZURN	Z5655.258.00.00.00	1"	-	4"	
P1-HC	ECOAVANTAGE HIGH EFFICIENCY TOILET SYSTEM COMPLETE WITH EXPOSED MANUAL Z6000AV-HET HIGH EFFICIENCY FLUSHMETER VALVE AND ADA HEIGHT FLOOR MOUNTED, VITREOUS CHINA TOILET. THE SYSTEM TO BE DESIGNED TO PERFORM TO INDUSTRY STANDARDS WITH AS LITTLE AS 1.28 GALLONS PER FLUSH. PROVIDE WITH Z5955SS-EL ELONGATED, STANDARD WHITE, OPEN FRONT TOILET SEAT LESS COVER WITH STAINLESS STEEL CHECK HINGE.	ZURN	Z5665.258.00.00.00	1"	-	4"	
P2	LOW FLOW SHOWER HEAD. PROVIDE COMPLETE WITH SHOWER HEAD STEM. 2.0 GPM	DELTA	T13H223	1/2"	1/2"	2"	
P3	FARMINGTON COUNTERTOP LAVATORY ENAMELED CAST IRON, WHITE, OVAL COUNTERTOP SELF RIMMING WITH OVERFLOW, WITH DELTA 21C252 FAUCET AND 1 1/4" POP UP WASTE. PROVIDE K-7606 SUPPLIES WITH STOPS AND K-9000 CAST BRASS P-TRAP. PROVIDE 0.5 GPM AERATOR	KOHLER	2905	1/2"	1/2"	1 1/2"	
P4	SELF-RIMMING SINGLE COMPARTMENT ENTERTAINMENT SINK, 15" IN LENGTH AND 15" IN WIDTH. SINK SHALL BE MADE OF 19 GAUGE STAINLESS STEEL. SHALL INCLUDE INSTALLATION HARDWARE. FAUCET TO BE ZURN Z812A1. PROVIDE WITH 1/2" TAILPIECE, AND KOHLER K-7606 SUPPLY WITH STOP AND K-9000 1 1/2" P-TRAP.	KOHLER	3349	1/2"	1/2"	1 1/4"	
P5	32" AFD BATH COMPRESSION MOLDED FROM SOLID VIKRELL MATERIAL WITH ABOVE-FLOOR-DRAIN (AFD) ROUGH-IN. PROVIDE COMPLETE WITH DELTA T17TH225 AND R10000UNWS ROUGH-IN AND ALL NECESSARY COMPONENTS FOR A COMPLETE WORKING ASSEMBLY. 2.0 GPM SHOWER HEAD	STERLING	71121112 OR 71121122 SEE FLOOR PLANS	1/2"	1/2"	2"	
P6	LUSTERTONE DOUBLE COMPARTMENT COUNTERTOP SINK. 33" X 19 1/2" X 6 1/2" DEEP. FAUCET TO BE ZURN Z7872C-FC SINGLE CONTROL KITCHEN FAUCET WITH CERAMIC DISC CARTRIDGE, TRIPLE CHROME PLATE FINISH AND SPRAY. FINISHED WITH A 0.5 GPM VANDAL RESISTANT PRESSURE COMPENSATING SPRAY OUTLET WITH SWIVEL, ZINC DIE-CAST HANDLE AND HOUSING, AND BRAZED COPPER AND BRASS WATERWAY. PROVIDE WITH ELKAY LK-35 STRAINER WITH 1/2" TAILPIECE, LK-53 CONTINUOUS DRAIN AND KOHLER K-7606 SUPPLY WITH STOP AND K-9000 1 1/2" P-TRAP.	ELKAY	LR-3319	1/2"	1/2"	1 1/2"	
P7	LOW FLOW SHOWER. PROVIDE COMPLETE WITH R-10000UNS ROUGH-IN AND VALVE FOR A COMPLETED WORKING ASSEMBLY. 2.0 GPM HEAD	DELTA	T13H223	1/2"	1/2"	2"	
P7HC	LOW FLOW SHOWER. PROVIDE COMPLETE WITH R-10000UNS ROUGH-IN AND VALVE FOR A COMPLETED WORKING ASSEMBLY. 2.0 GPM HEAD. ADA ACCESSIBLE	DELTA	T13H323	1/2"	1/2"	2"	
P8	WASHING MACHINE BOX LOCATE TOP OF DRAIN LINE AT 31" A.F.F.	GUY GRAY	BB-200	1/2"	1/2"	1 1/2"	
FS	HALF GRATE FLUSH FLOOR SINK. ZURN Z1902-P-2 OR EQUAL. 4" SINK WITH INTEGRAL DOME STRAINER AND GRATE. PROVIDE DRAIN WITH DEEP SEAL P-TRAP.	ZURN	Z1902-P-2	-	-	4"	WITH TRAP PRIMER SEE DETAIL 10/P4.0
WCO	WALL CLEANOUT CAST IRON BODY WITH BRONZE PLUG AND STAINLESS STEEL ACCESS COVER WITH SCREW.	ZURN	Z-1445-1	-	-	SEE DWGS.	
FD	FLOOR DRAIN CAST IRON BODY AND NICKLE BRONZE TOP 2" OUTLETS TO HAVE 5" TOP, 3" AND 4" TO HAVE 6" TOPS.	ZURN	Z-415-B	-	-	SEE DWGS.	WITH TRAP PRIMER, EXCEPT WHEN INSTALLED IN SHOWERS. SEE DETAIL 10/P4.0

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MAXCY COLLEGE RENOVATION
PROJECT # H27-6073-AC

PLUMBING SCHEDULES



Project Number	961
Sheet	P5.0

PLUMBING NOTES:

- 1- DO NOT SCALE DRAWINGS. SEE ARCHITECTURAL DRAWINGS FOR EXACT DIMENSIONS, FIXTURE LOCATIONS, ROOF DRAIN LOCATIONS, ETC.
- 2- ALL WASTE AND VENT PIPES ARE 2" UNLESS NOTED OTHERWISE.
- 3- DIMENSIONS ARE IN INCHES UNLESS NOTED OTHERWISE.
- 4- LOCATE ALL WATER PIPING ABOVE CEILING UNLESS NOTED OTHERWISE.
- 5- LOCATE HOSE BIBBS AND WALL HYDRANTS 2'-0" ABOVE FINISHED FLOOR OR GRADE RESPECTIVELY.
- 6- PROVIDE ACCESS FOR ALL EQUIPMENT REQUIRING CLEANING OR ADJUSTMENTS.
- 7- COORDINATE CLOSELY WITH ALL WORK PERFORMED UNDER OTHER DIVISIONS OF THE SPECIFICATIONS TO AVOID INTERFERENCE OR CONFLICT.
- 8- ALL HOSE BIBBS, VALVES WITH THREADED HOSE CONNECTIONS, AND WALL HYDRANTS SHALL BE EQUIPPED WITH A WATTS REGULATOR NO. 8 BACK SIPHONAGE BACKFLOW PREVENTER.
- 9- CORRECT SETTINGS ON ALL BALANCING FITTINGS SHALL BE PERMANENTLY MARKED.
- 10- VENTS MAY BE COLLECTED ABOVE CEILING AND EXTENDED THROUGH ROOF AS A SINGLE VENT.
- 11- ROUGH-IN FLOOR DRAINS FOR AIR CONDITIONING EQUIPMENT ACCORDING TO APPROVED AND CERTIFIED EQUIPMENT LAY OUTS FURNISHED BY THE MECHANICAL CONTRACTOR.
- 12- INSTALL DIELECTRIC UNIONS AT CONNECTION OF DISSIMILAR METALS.
- 13- EXPOSED WASTE AND WATER PIPING UNDER HANDICAPPED LAVATORIES TO HAVE WHITE INSULATION KIT AS MANUFACTURED BY TRUEBRO, HAND-LAVA-GUARD OR APPROVED EQUALS.
- 14- WATER CLOSETS IN TOILET ROOMS SHALL BE CENTERED PER FINAL LAY OUT OF TOILET PARTITIONS.
- 15- PROVIDE WATER HAMMER ARRESTORS FOR ALL QUICK CLOSING VALVES.
- 16- PROVIDE SEISMIC RESTRAINTS ON ALL PIPING AND EQUIPMENT WHERE REQUIRED BY CODE. CONTRACTOR SHALL PROVIDE CALCULATIONS AND DETAILS CERTIFIED BY A REGISTERED SEISMIC PROFESSIONAL ENGINEER.
- 17- WHEN WATER SUPPLY LINE IS SHOWN DROPPING IN WALL OR CHASE NEAR GROUP OF FIXTURES, IT IS TO CONTINUE FULL SIZE IN THE CAVITY AND SERVE ALL FIXTURES.
- 18- DETAILS OF PIPE PENETRATION THROUGH RATED WALLS ARE SHOWN AS A GENERAL GUIDE TO THE CONTRACTOR. STRICTLY COMPLY WITH ALL U.L. REQUIREMENTS.
- 19- PIPE ROUTINGS AND LOCATIONS ARE SHOWN SCHEMATICALLY. COORDINATE WITH OTHER TRADES TO AVOID CONFLICT. RUN WASTE LINES AWAY FROM WALLS SO AS NOT TO INTERFERE WITH FOOTINGS.
- 20- INSTALL ALL VALVES OVER ACCESSIBLE CEILINGS. AVOID INSTALLING VALVES OVER GYP. BOARD CEILINGS. SEE ARCHITECTURAL REFLECTED CEILING PLANS.

GENERAL RENOVATION NOTES:

- 1- THE PLUMBING CONTRACTOR IS RESPONSIBLE FOR VISITING THE SITES AND INSPECTING THE EXISTING CONDITIONS PRIOR TO THE BID DATE. CONTRACTOR TO CAREFULLY EXAMINE THE EXISTING CONDITIONS AS COMPARED TO THE CONTRACT DOCUMENTS. ALL DISCREPANCIES SHALL BE NOTED IN WRITING TEN DAYS PRIOR TO THE BID DATE FOR INCLUSION IN A WRITTEN ADDENDUM.
- 2- PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION WITH THE G.C. OF ALL DEMOLITION AND PATCHING TO MATCH EXISTING CONDITIONS ASSOCIATED WITH THE WORK AND SHOWN ON THE PLUMBING PLANS AND SPECIFICATIONS. ANY DAMAGE TO EXISTING BUILDING OR ITS CONTENTS AS A RESULT OF WORK PERFORMED UNDER THIS CONTRACT SHALL BE REPAIRED TO MATCH EXISTING CONDITIONS PRIOR TO BEGINNING OF WORK. REPAIR OR REPLACEMENT OF CONTENTS SHALL BE MADE AT NO ADDITIONAL COST TO THE OWNER.
- 3- ALL WALL AND FLOOR PENETRATIONS FOR EXISTING PROJECT WILL BE PATCHED TO MATCH SURROUNDING SURFACES WHERE EXISTING PIPE IS REMOVED OR NEW PIPE INSTALLED.
- 4- PLUMBING CONTRACTOR WILL FIELD VERIFY PRIOR TO INSTALLATION OF NEW PIPING CONNECTION INTO EXISTING PIPE AND PRIOR TO DEMOLITION OF EXISTING PIPING. ALL PIPE LOCATIONS ARE SHOWN AS AN AID FOR PLUMBING CONTRACTOR'S DEMOLITION TAKE-OFF. IF EXACT LOCATIONS ARE REQUIRED, THE PLUMBING CONTRACTOR WILL FIELD LOCATE PRIOR TO THE BID DATE.
- 5- WHERE EXISTING EQUIPMENT OR UTILITIES ARE SHOWN TO BE REMOVED, THE OWNER RESERVES THE RIGHT TO INSPECT THE SAME AND RETAIN OWNERSHIP OF THESE ITEMS. IF THE OWNER DECIDES TO RETAIN OWNERSHIP, THE REFERENCED ITEMS SHALL BE REMOVED BY THE PLUMBING CONTRACTOR TO A DESIGNATED AREA ON THE SITE FOR THE OWNER PICK-UP. ANY EQUIPMENT OR UTILITIES WHICH THE OWNER DOES NOT WANT SHALL BECOME THE PROPERTY OF THE PLUMBING CONTRACTOR. THE PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF SUCH PROPERTY.
- 6- ALL EXISTING PIPING NOT SHOWN OR NOT SPECIFICALLY DESIGNATED TO BE REMOVED IS TO REMAIN AND BE CONNECTED TO NEW PIPING.
- 7- PLUMBING CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS FOR PHASING OF THE PROJECT.
- 8- UPON THE COMPLETION OF THE PROJECT, THE PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR UNBLOCKING THE EXISTING AND NEW WASTE LINES AND TO REPAIR ALL LEAKS IN THE EXISTING AND NEW COLD AND HOT WATER LINES. IN THE DESIGNATED AREAS WHERE THE WORK HAS BEEN PERFORMED AND ALL ASSOCIATED AREAS.
- 9- DEMOLITION OF FIXTURES, EQUIPMENT, SYSTEMS AND COMPONENTS SHALL INCLUDE ALL SUPPORTS, PADS, HANGERS, INSULATION, PIPES, ACCESSORIES AND APPURTENANCES NOT REQUIRED FOR THE INSTALLATION OF THE NEW SYSTEM.
- 11- WHEN PARTIAL DEMOLITION OF A SYSTEM IS INDICATED, THE PART OF THE SYSTEM SHOWN TO BE REMOVED SHALL BE REMOVED TO THE ACTIVE MAIN OR BRANCH IF NOT REQUIRED FOR THE INSTALLATION OF THE NEW SYSTEM. THE ACTIVE MAIN OR BRANCH SHALL BE REPAIRED TO MATCH A NEW INSTALLATION. IF THE SYSTEM IS INSULATED, INSULATION SHALL BE PATCHED AND THE FINISH REPAIRED.
- 12- REMOVAL OF FIXTURE SHALL INCLUDE COMPLETE SYSTEM WHENEVER PRACTICAL OTHERWISE THE PIPES, CARRIERS, ETC., SHALL BE REMOVED TO ONE INCH BELOW SURFACE.

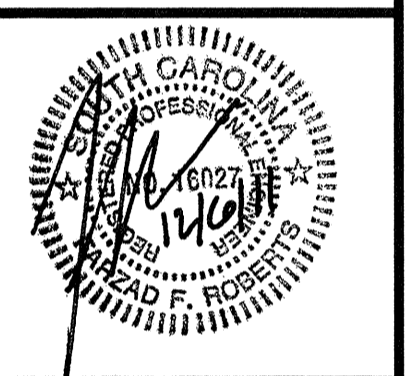
PLUMBING LEGEND		
SYMBOL	ABBREV.	SERVICE
	W	SANITARY DRAIN PIPING SOIL OR WASTE
	V	SANITARY VENT PIPING
	SD OR RL	STORM DRAIN OR RAIN LEADER PIPING
	CW	DOMESTIC COLD WATER SUPPLY PIPING
	HW	DOMESTIC HOT WATER SUPPLY PIPING
	HWR	DOMESTIC HOT WATER CIRCULATING PIPING
	GV	GATE VALVE
		CHECK VALVE
		STRAINER
		PIPE TURNING DOWN
		PIPE TURNING UP
	FD	FLOOR DRAIN
	WCO	WALL CLEAN-OUT

Partner In Charge	JCB
Project Architect	JCB
Drawn By	JDT/TRB
Date Drawn	12/06/11
Revisions	
No. _____	Date _____
No. _____	Date _____
No. _____	Date _____
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No. _____	Date _____
No. _____	Date _____
Issue Date	_____



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Project	MAXCY COLLEGE RENOVATION PROJECT # H27-6073-AC	Sheet Title	PLUMBING SCHEDULES
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Project Number
961

Sheet
P5.1