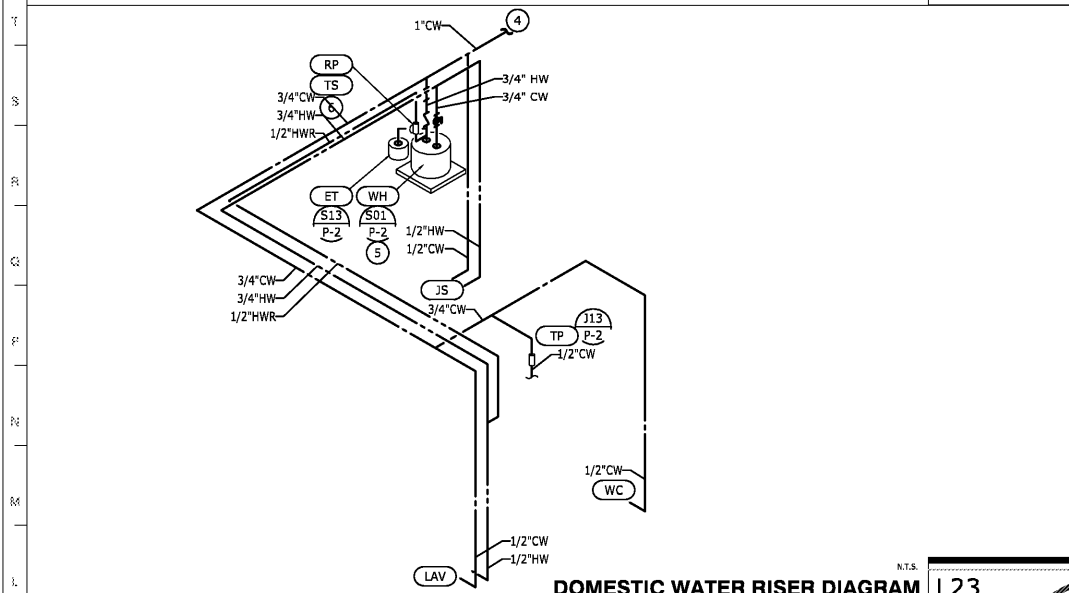
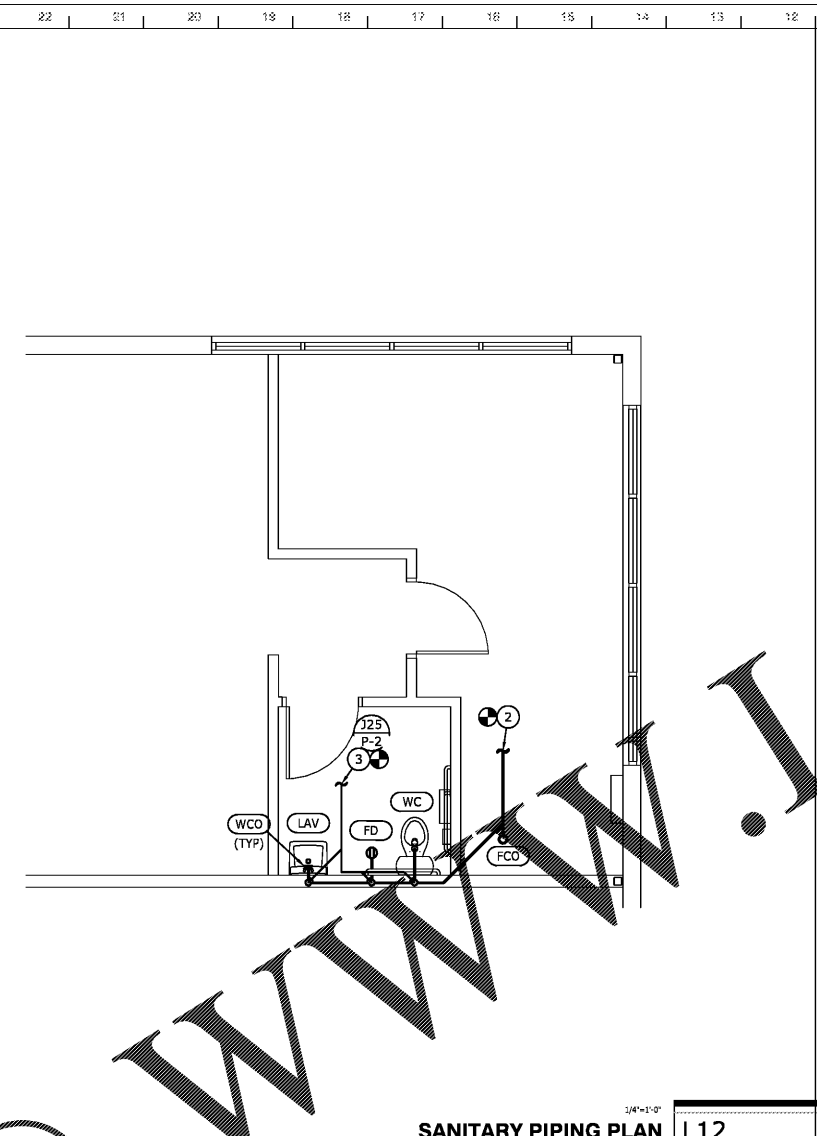


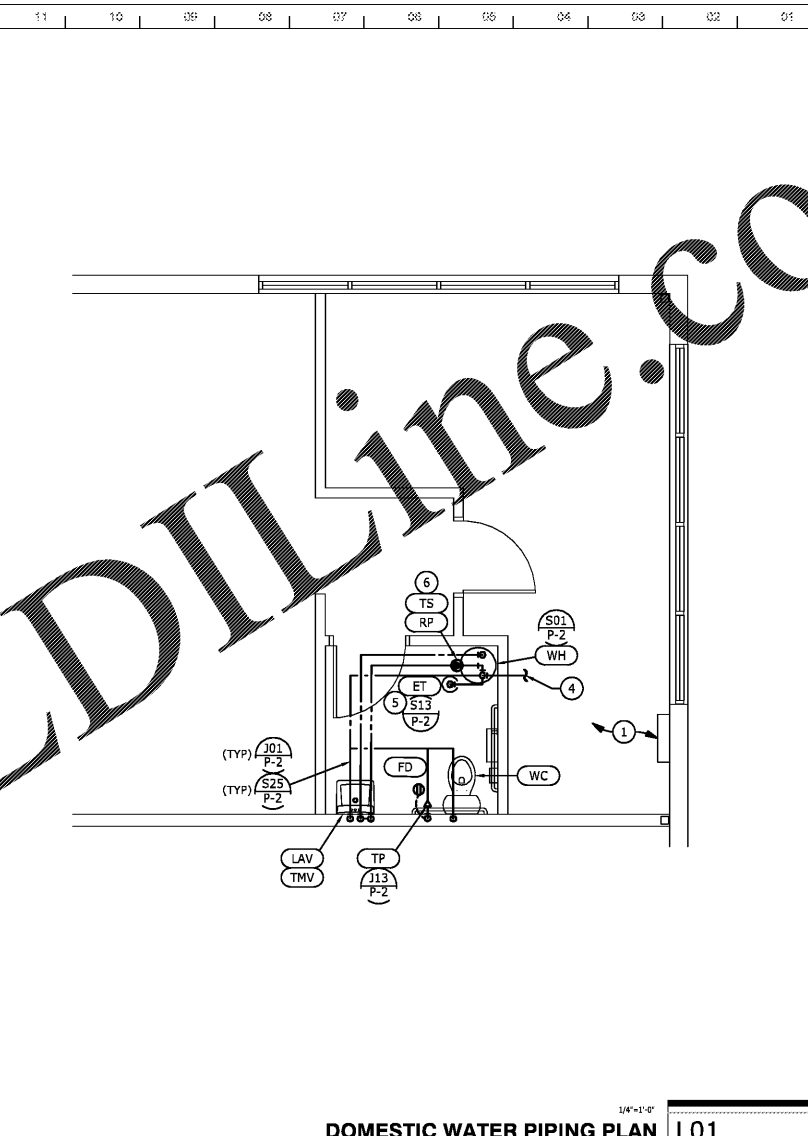
**SANITARY WASTE & VENT ISOMETRIC** T23



**DOMESTIC WATER RISER DIAGRAM** L23



**SANITARY PIPING PLAN** L12



**DOMESTIC WATER PIPING PLAN** L01

- DRAWINGS ARE DIAGRAMMATIC ONLY AND REPRESENT THE GENERAL SCOPE OF THE WORK. PRIOR TO SUBMITTING BID, VISIT THE JOB SITE TO OBSERVE THE EXISTING CONDITIONS OF THE PROJECT. REVIEW THE GENERAL NOTES, SPECIFICATIONS AND PLANS FOR ADDITIONAL REQUIREMENTS THAT MAY NOT BE SPECIFICALLY CALLED OUT IN THIS PORTION OF THE CONSTRUCTION DOCUMENTS. NOTIFY ARCHITECT OF ANY CONFLICTS OR DISCREPANCIES PRIOR TO SUBMISSION OF BID.
- PROVIDE A CONSTRUCTION RECORD SET OF "AS-BUILT" DOCUMENTS TO THE ARCHITECT REFLECTING ANY VARIANCES OF INSTALLED PIPING LOCATIONS OR EQUIPMENT CONTRARY TO THE CONSTRUCTION DOCUMENTS, REFER TO SPECIFICATIONS.
- PROVIDE TO THE ARCHITECT A COPY OF INSPECTION REPORTS AND APPROVAL CERTIFICATES FROM LOCAL AND STATE INSPECTIONS, REFER TO SPECIFICATIONS.
- INSTALLATION SHALL COMPLY WITH LEGALLY CONSTITUTED CODES AND THE REQUIREMENTS OF AUTHORITIES HAVING JURISDICTION AND ALSO MEET ALL REQUIREMENTS OF THE LANDLORD. OBTAIN A COPY OF THE LANDLORD'S REQUIREMENTS AND REVIEW PRIOR TO SUBMITTING BID.
- PLANS AND SPECIFICATIONS GOVERN WHERE THEY EXCEED CODE REQUIREMENTS.
- VERIFY LOCATION AND DEPTH OF UTILITIES AT POINTS CONNECTION BEFORE START OF PIPING INSTALLATION.
- REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATION AND MOUNTING HEIGHTS OF FINISHING FIXTURES.
- DO NOT SCALE FLOOR PLANS FOR EXACT HORIZONTAL LOCATION OF PIPE ROUTING.
- INSTALL CONCEALED PIPING TIGHT TO THE STRUCTURE AND AS HIGH AS POSSIBLE. INSTALL EXPOSED PIPING TIGHT TO THE STRUCTURE, WALL OR CEILING AND AS HIGH AS POSSIBLE. COORDINATE WITH OTHER TRADES TO AVOID CONFLICTS.
- WALLS SHALL BE LINE SET UNLESS OTHERWISE NOTED.
- PIPING IN FINISHED AREAS SHALL BE ROUTED CONCEALED; EXPOSED PIPING, WHERE NECESSARY, SHALL BE ROUTED AS HIGH AS POSSIBLE AND TIGHT TO WALLS.
- INSTALL PLASTIC PIPE OF ANY KIND ABOVE SLAB INSIDE OR UNDER THE BUILDING. INSTALL NO PLASTIC PIPE IN THE CEILING RETURN AIR PLENUM.
- COORDINATE ALL WORK WITH OTHER TRADES AND CONTRACTORS.
- COORDINATE PIPING INSTALLATION WITH STRUCTURAL GRADE BEAMS, FOOTINGS, COLUMN PIERS, ETC. SLEEVE PIPING THROUGH GRADE BEAMS, FOOTING, ETC. WHERE REQUIRED AND AS NOTED ON PLANS. COORDINATE SLEEVE INSTALLATIONS WITH THE ARCHITECT, STRUCTURAL ENGINEER, STRUCTURAL CONTRACTOR AND GENERAL CONTRACTOR BEFORE CONCRETE IS INSTALLED.
- CLEAN FAUCET AERATORS AND PIPE STRAINERS PRIOR TO TURNING BUILDING OVER TO THE OWNER.
- PROVIDE TRAP PRIMERS WHERE REQUIRED BY LOCAL JURISDICTIONS.
- COORDINATE PIPE ROUTING AWAY FROM ELECTRICAL PANELS. DO NOT INSTALL PIPING OVER ELECTRICAL PANELS.
- COORDINATE ALL ROOF PENETRATIONS WITH OTHER TRADES. MAINTAIN 10" MINIMUM CLEARANCE FROM ALL AIR INTAKES. MAINTAIN 2" CLEARANCE FROM ALL OTHER EQUIPMENT.
- INSULATE PIPING ROUTED IN EXTERIOR BUILDING WALLS WITH MINIMUM 2" BATT INSULATION TO PREVENT FREEZING.
- WATER HAMMER ARRESTORS SHALL BE SIZE "A" UNLESS NOTED OTHERWISE.
- PROVIDE VERTICAL LIFT SPRING LOADED CHECK VALVES IN HOT AND COLD WATER SUPPLIES FOR MOP SINK FAUCETS DOWNSTREAM OF SHUTOFF VALVES.

**PLUMBING GENERAL NOTES** A24

THE TENANT SPACE INCLUDES AN EXISTING FIRE SPRINKLER SYSTEM. GENERAL CONTRACTOR SHALL INCLUDE IN THEIR BID A COST TO SUBCONTRACT A LICENSED FIRE SPRINKLER CONTRACTOR TO PROVIDE A CODE APPROVED FIRE SPRINKLER DESIGN FOR THE SPACE UNDER A DEFERRED PERMIT. PERFORMANCE SPECIFICATION HAS BEEN PROVIDED ON SHEET P6 FOR GENERAL GUIDANCE ON SYSTEM DESIGN.

- COORDINATE PIPE ROUTING AWAY FROM ELECTRICAL PANELS. DO NOT ROUTE PIPING OVER ELECTRICAL PANELS.
- CONNECT NEW 4"S TO EXISTING MINIMUM 4" SANITARY MAIN. FIELD VERIFY EXACT LOCATION, SIZE, AND FLOOR DIRECTION OF EXISTING MAIN. PROVIDE FLOOR CLEANOUT AS NECESSARY.
- WHERE EXISTING VENT THROUGH ROOF IS TO REMAIN, CONNECT NEW 2" VENT TO EXISTING VENT PIPING. IF NO EXISTING VENT THROUGH ROOF IS PRESENT, PROVIDE NEW 3" VTR PER DETAIL J25/P-2.
- CONNECT NEW 1" CW PIPING TO EXISTING 1" MINIMUM DOMESTIC COLD WATER MAIN. FIELD VERIFY EXACT SIZE AND LOCATION. PROVIDE SHUTOFF VALVE WHERE NOT INSTALLED. IF WATER METER IS REQUIRED, PROVIDE NEW WATER METER WITH REMOTE READER. INSTALL IN A LOCATION AS RECOMMEND BY THE LANDLORD. FIELD VERIFY ALL REQUIREMENTS AND INCLUDE ALL COST IN BID.
- ROUTE 3/4" CW TO AND 3/4" HW FROM WATER HEATER. PROVIDE STEEL PLATE SHELF TO MOUNT WATER HEATER. WHERE ALLOWED BY CODE, MOUNT SHELF ABOVE CEILING. WHERE CODE REQUIRES WATER HEATER TO BE ACCESSIBLE BELOW CEILING, MOUNT BOTTOM OF SHELF AT 6"-8" AFF. PROVIDE 6" WATERTIGHT RUST-PROOF DRAIN PAN AND DRAIN PIPE. DISCHARGE 3/4" T&P RELIEF VALVE DISCHARGE LINE AND 3/4" DRAIN PAN PIPE INTO JANITOR'S SINK WITH AIR GAP PER CODE.
- SET TIMER TO START RECIRC PUMP ONE HOUR BEFORE AND STOP ONE HOUR AFTER NORMAL BUSINESS HOURS. COORDINATE HOURS OF OPERATION WITH TENANT REPRESENTATIVE.

**PLUMBING PLAN NOTES** A01

**Sprint**

#1408 DURHAM

2707 GUESS RD, SUITE 110  
DURHAM, NC 27705

DATE	DESCRIPTION

PROJECT NUMBER:  
SPR1-408

DATE: 09/26/2017

DESIGNED BY:  
DON RETHMAN

DATE: SEPTEMBER 26, 2017

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**P-1**