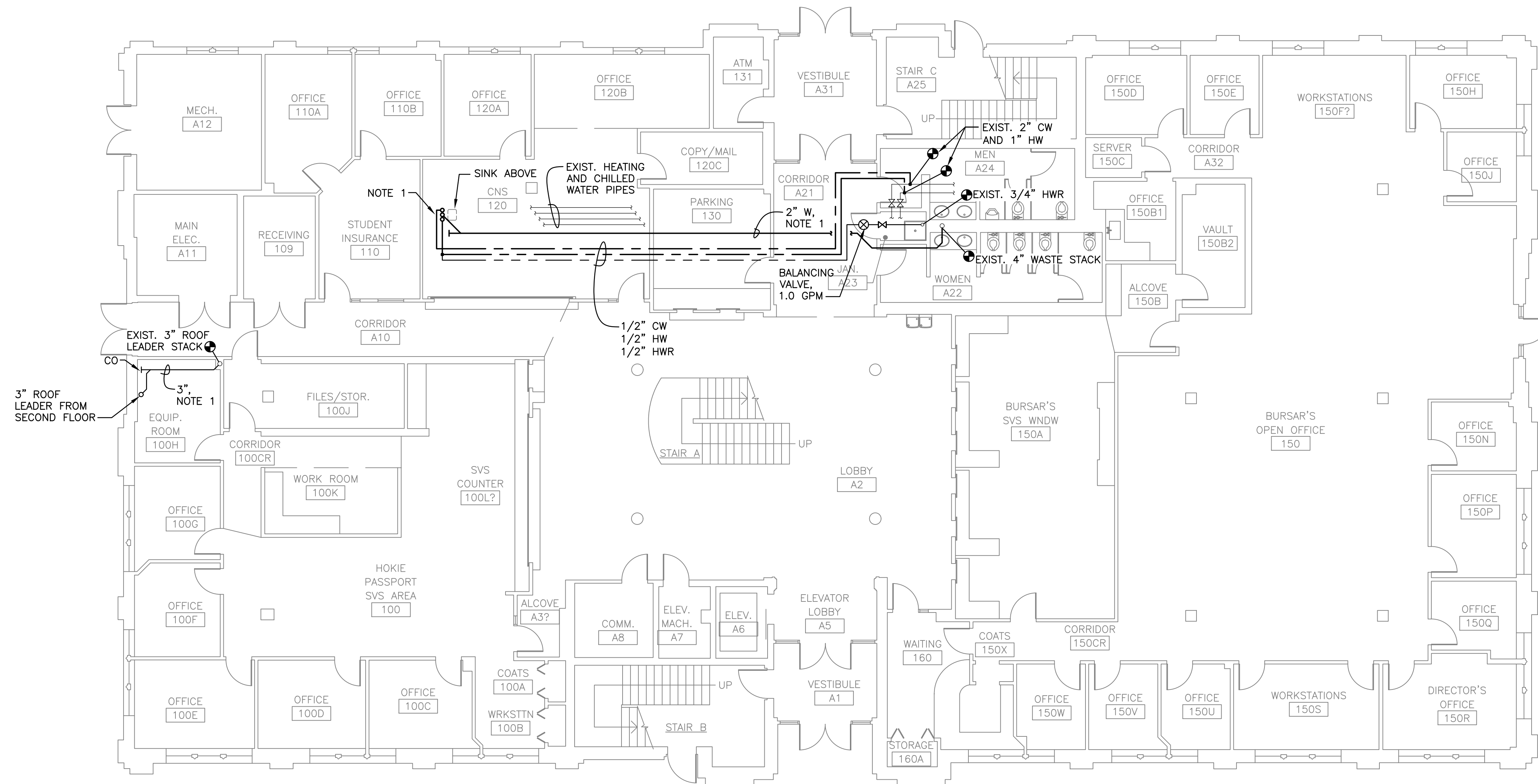


NOTES THIS SHEET

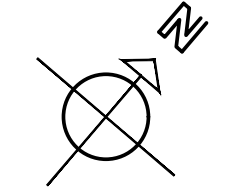
1. PRIOR TO STARTING WORK, VERIFY EXISTING CONDITIONS AND PLAN DRAIN PIPE ROUTE TO MAINTAIN SLOPE. PROVIDE PIPE OFFSETS AND TRANSITIONS.



FIRST FLOOR PLAN – PLUMBING

SCALE: 1/8" = 1'-0"

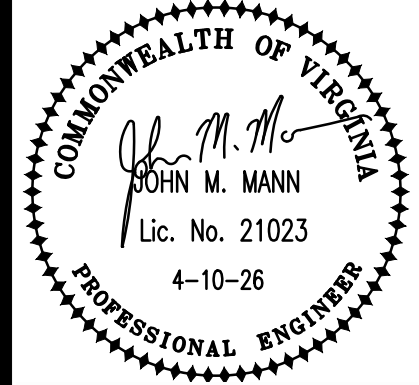
UBO APPROVAL



DATE: APR 10 2026	COMM No: 25-11	DRAWN BY: DAR	CHECKED BY: JMM	STATE PROJECT No:
-------------------	----------------	---------------	-----------------	-------------------

FIRST FLOOR PLAN - PLUMBING

RENOVATION OF 2ND AND 3RD FLOOR USFA SUITES
BLACKSBURG, VA



5 Design, LLC
20 Midway Plaza Dr, Suite 300
Christiansburg, VA 24073
540-230-2619
www.5designarchitecture.com

REVISIONS	DESCRIPTION	DATE
No.	▲	▲
	▲	▲
	▲	▲

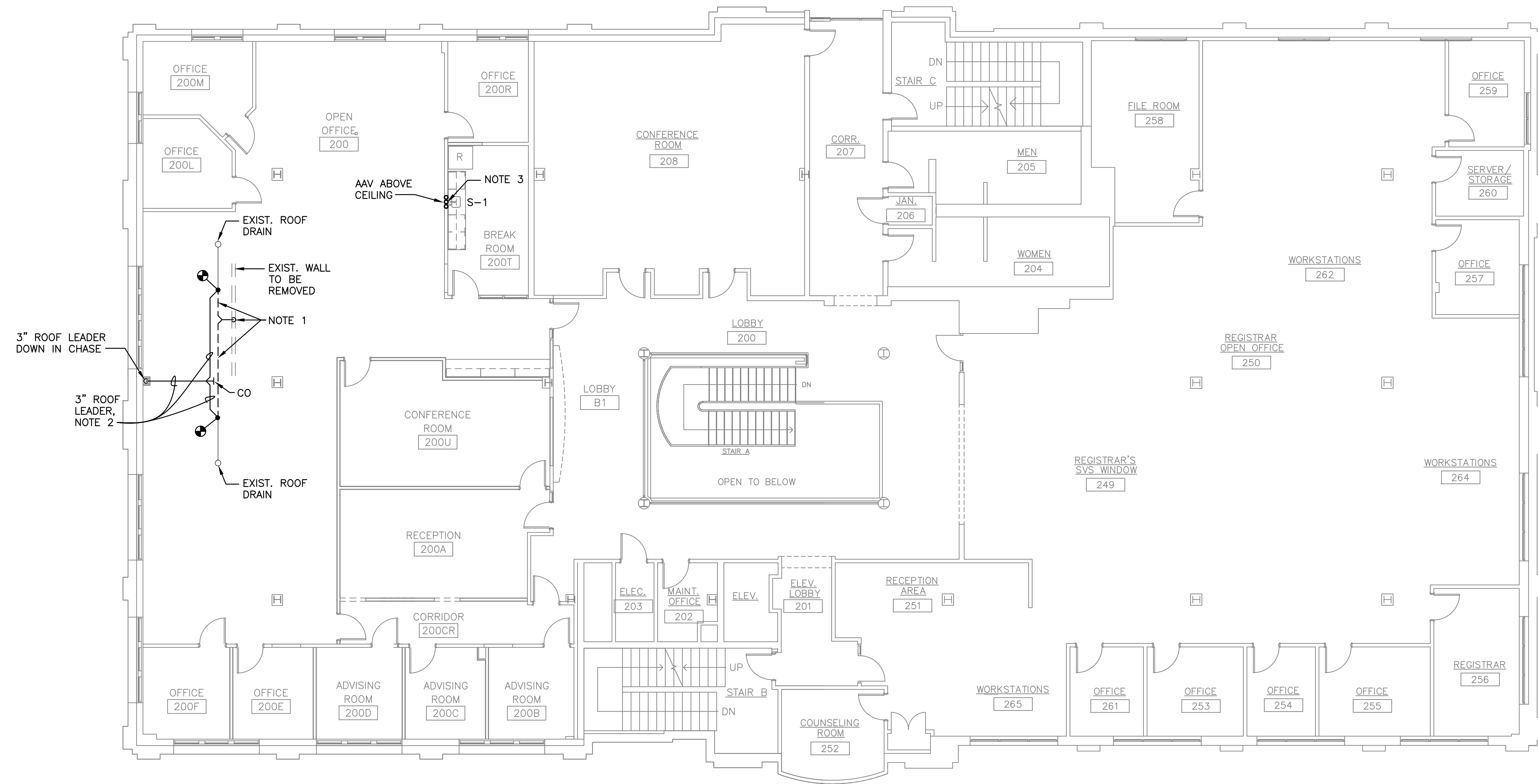
MANN & ASSOCIATES, INC.
306 Market Street
Roanoke, VA 24011
540-344-5513

P100

SHEET 16 OF 29

NOTES THIS SHEET

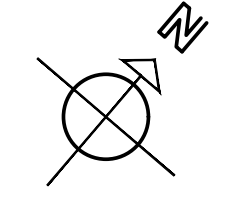
1. REMOVE PORTION OF ROOF LEADER AND VERTICAL STACK DOWN TO ABOVE FIRST FLOOR CEILING.
2. RECONNECT TO EXISTING ROOF LEADERS AND ROUTE DOWN IN NEW CHASE. SEE FIRST FLOOR PLAN
3. WATER AND WASTE PIPES FROM BELOW, CONNECT TO SINK. SEE FIRST FLOOR PLAN.



SECOND FLOOR PLAN – PLUMBING

SCALE: 1/8" = 1'-0"

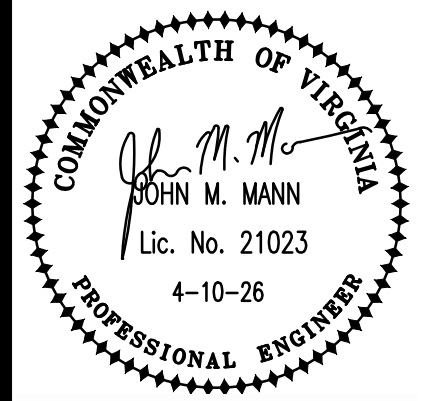
UBO APPROVAL



DATE: APR 10 2026	COMM No: 25-11	DRAWN BY: DAR	CHECKED BY: JMM	STATE PROJECT No:
-------------------	----------------	---------------	-----------------	-------------------

SECOND FLOOR PLAN - PLUMBING

RENOVATION OF 2ND AND 3RD FLOOR USFA SUITES
BLACKSBURG, VA



5 Design, LLC
20 Midway Plaza Dr, Suite 300
Christiansburg, VA 24073
540-230-2619
www.5designarchitecture.com

REVISIONS	DESCRIPTION	DATE
No.	▲	▲
	▲	▲
	▲	▲

MANN & ASSOCIATES, INC.
306 Market Street
Roanoke, VA 24011
540-344-5513

P101

PLUMBING LEGEND	
SYMBOL	DESCRIPTION
-----	DOMESTIC COLD WATER PIPING
-----	DOMESTIC HOT WATER PIPING
-----	DOMESTIC HOT RECIRC. PIPING
-----	SANITARY PIPING
-----	VENT PIPING
○	PIPE TURN DOWN
○	PIPE TURN UP
⊘	ISOLATION VALVE
CO	FLOOR CLEANOUT, WALL CLEANOUT
ED	FLOOR DRAIN
⊕	SHOCK ARRESTOR
W	WASTE
V	VENT
VTR	VENT THRU ROOF
⊙	CONNECT TO EXISTING

SINK S-1

S-1: SINK EQUAL TO ELKAY MODEL ELUHAD211555PD, LUSTERTONE CLASSIC STAINLESS STEEL 23-1/2" X 18-1/4" X 5-3/8" SINGLE BOWL UNDERMOUNT ADA SINK, 1/8 GAGE, WITH PERFECT DRAIN AND STRAINER, CENTER REAR DRAIN. FAUCET EQUAL TO ELKAY MODEL LKGT1041, SINGLE HOLE KITCHEN FAUCET, PULL-OUT SPRAY AND LEVER HANDLE WITH, MID-RISE BASE, POLISHED CHROME, ADA COMPLIANT, 1.75 GPM.

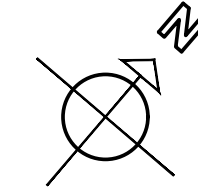
GENERAL PLUMBING NOTES

- ALL WORK SHALL COMPLY WITH THE 2021 VIRGINIA UNIFORM STATEWIDE BUILDING CODE AND CURRENT VIRGINIA TECH DESIGN AND CONSTRUCTION STANDARDS.
- PROVIDE COMPLETE SUBMITTAL INFORMATION FOR EQUIPMENT AND DEVICES.
- RECORD ALL CHANGES IN THE WORK ON THE PROJECT RECORD DRAWINGS.
- PROVIDE DETAILED OPERATION AND MAINTENANCE MANUALS FOR ALL EQUIPMENT.
- PLUMBING EQUIPMENT, MATERIALS AND LABOR SHALL INCLUDE A ONE YEAR WARRANTY.
- DRAWINGS INDICATE GENERAL LAYOUT OF PIPING, DUCTWORK AND EQUIPMENT. THE CONTRACTOR SHALL INVESTIGATE ALL STRUCTURAL, ELECTRICAL AND FINISH CONDITIONS AFFECTING THE WORK AND SHALL ARRANGE THE MECHANICAL WORK ACCORDINGLY. PROVIDE ADDITIONAL FITTINGS, OFFSETS AND TRANSITIONS AS REQUIRED TO PROPERLY COMPLETE THE WORK, WHETHER OR NOT SUCH COMPONENTS ARE INDICATED ON THE DRAWINGS.
- ALL WORK SHALL BE NEW AND IS INCLUDED IN THE CONTRACT UNLESS SPECIFICALLY NOTED TO BE EXISTING OR NOT IN CONTRACT.
- FIELD VERIFY EXISTING CONDITIONS PRIOR TO SUBMITTING BID, FABRICATION OR ORDERING OF EQUIPMENT.
- MOST EXISTING DUCTWORK AND PIPING IS NOT SHOWN ON THESE DRAWINGS. WHERE EXISTING DUCTWORK AND PIPING IS SHOWN, IT IS FOR INFORMATION PURPOSES AND IS BASED ON EXISTING DRAWINGS. VERIFY EXISTING CONSTRUCTION IN THE FIELD PRIOR TO BIDDING AND CONSTRUCTION. IF EXISTING DUCTWORK OR PIPING ARE SMALLER THAN INDICATED SIZE, NOTIFY THE A/E IMMEDIATELY.
- THE EXISTING BUILDING WILL BE OCCUPIED DURING THE ENTIRE PERIOD OF CONSTRUCTION. COORDINATE ALL WORK WITH THE OWNER IN ORDER TO MINIMIZE DISRUPTION OF THE USE OF THE EXISTING BUILDING.
- IN ADDITION TO DEMOLITION WORK INDICATED, PROVIDE MISCELLANEOUS SELECTIVE DEMOLITION OF EXISTING CONSTRUCTION AS REQUIRED FOR PROPER INSTALLATION OF THE PROPOSED CONSTRUCTION. REMOVE ALL COMPONENTS WHICH ARE NOT REQUIRED FOR THE PROPOSED CONSTRUCTION, INCLUDING HANGERS, ANCHORS, MOUNTING BRACKETS, AND OTHER MISCELLANEOUS COMPONENTS. THESE DRAWINGS DO NOT PURPORT TO SHOW ALL MISCELLANEOUS DEMOLITION.
- CONFIRM LOCATION OF EXISTING AND NEW ELECTRICAL PANELBOARDS. PIPING AND DUCTWORK SHALL NOT BE INSTALLED ABOVE ELECTRICAL PANELBOARDS.
- COORDINATE ALL WORK WITH FIRE RATED ASSEMBLIES. PROVIDE FIRESTOPPING AT PENETRATIONS OF RATED ASSEMBLIES AND AT FLOORS. SEAL AIRTIGHT ALL PIPE AND DUCT PENETRATIONS OF NON-RATED ASSEMBLIES. ALL MATERIALS LOCATED IN RETURN AIR PLENUMS SHALL BE LISTED FOR INSTALLATION IN PLENUMS.
- COORDINATE INSTALLATION OF EQUIPMENT AND OTHER DEVICES TO PROVIDE ACCESS FOR SERVICING.
- PROVIDE ALL MISCELLANEOUS COMPONENTS REQUIRED FOR A COMPLETE AND PROPER INSTALLATION, WHETHER OR NOT THESE COMPONENTS ARE SPECIFIED HEREIN.
- METAL ACCESS DOORS SHALL BE PROVIDED AS REQUIRED FOR ALL COMPONENTS REQUIRING ACCESS. COORDINATE LOCATIONS WHERE ACCESS DOORS WILL BE REQUIRED FOR VALVES, DAMPERS, SENSORS OR OTHER DEVICES.
- MOUNT ALL EQUIPMENT PLUMB AND LEVEL WITH SUBSTANTIAL FASTENERS SUITABLE FOR THE LOAD. ALL COMPONENTS SHALL BE RIGIDLY ANCHORED FOR LONG LIFE UNDER HARD USE.
- ALL DOMESTIC WATER SYSTEM COMPONENTS, PIPING, FITTINGS, SOLDER, VALVES, FAUCETS, AND MATERIALS IN CONTACT WITH DRINKING WATER SHALL BE CERTIFIED LEAD-FREE TO MEET NSF/ANSI STANDARD 61/372 CONTAINING LESS THAN 0.25% LEAD BY WEIGHT.
- INSTALL PIPING AND PIPE HANGERS PER ASME B31.9. SUPPORT PIPING AND SPACE HANGERS IN ACCORDANCE WITH VIRGINIA MECHANICAL CODE, TABLE 305.4.

SPRINKLER NOTE

THE EXISTING FIRE SPRINKLER SYSTEM SHALL BE MODIFIED AS NEEDED TO PROVIDE PROTECTION IN THE RENOVATED AREA AS PER THE 2019 NFPA 13, 2021 VCC, AND 2023 VT DCSM. PROVIDE PLANS FOR REVIEW AND APPROVAL, AND TO ASSIST IN FINAL INSPECTION.

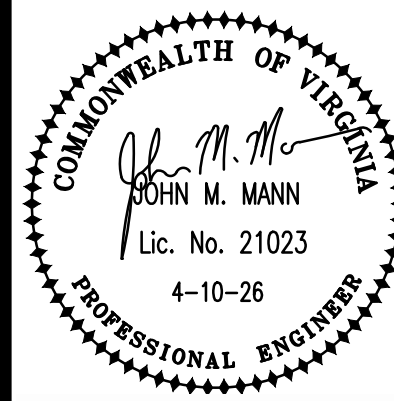
UBO APPROVAL



DATE: APR 10 2026	COMM No: 25-11	DRAWN BY: DAR	CHECKED BY: JMM	STATE PROJECT No:
-------------------	----------------	---------------	-----------------	-------------------

**SCHEDULES AND NOTES -
PLUMBING**

RENOVATION OF 2ND AND 3RD FLOOR USFA SUITES
BLACKSBURG, VA



5 Design, LLC
20 Midway Plaza Dr, Suite 300
Christiansburg, VA 24073
540-230-2619
www.5designarchitecture.com

REVISIONS	No.	DESCRIPTION	DATE

MANN & ASSOCIATES, INC.
306 Market Street
Roanoke, VA 24011
540-344-5513