

PLUMBING SPECIFICATIONS

GENERAL

- A. PERFORM WORK IN ACCORDANCE WITH APPLICABLE STATUTES, ORDINANCES, CODES AND REGULATIONS OF GOVERNMENTAL AUTHORITIES HAVING JURISDICTION.
B. OBTAIN ALL PERMITS REQUIRED.
C. CONTRACT DRAWINGS ARE DIAGRAMMATIC ONLY AND DO NOT GIVE FULLY DIMENSIONED LOCATIONS OF VARIOUS ELEMENTS OF WORK...

PLUMBING ALTERATIONS

- A. INSPECT AND SERVICE EXISTING EQUIPMENT, FIXTURES AND MATERIALS THAT ARE TO REMAIN OR TO BE REPLACED.
B. DISPOSAL OF EQUIPMENT, FIXTURES, MATERIALS, OR HOUSEKEEPING PADS TO BE ABANDONED. PRIOR TO DISPOSAL, THE CONTRACTOR SHALL VERIFY WITH THE OWNER WHAT IS TO BE SALVAGED BY THE OWNER AND WHAT IS TO BECOME THE PROPERTY OF THE CONTRACTOR.

SOIL, WASTE AND SANITARY DRAIN PIPING, VENT PIPING AND APPURTENANCES

- A. ABOVE SLAB PIPE: NO-HUB CAST IRON SOIL PIPE AND FITTINGS SHALL CONFORM TO CISPI 301 AND ASTM A888. PIPE SHALL CONFORM TO ASTM A74. NO-HUB COUPLINGS SHALL CONFORM TO CISPI 310. RUBBER GASKETS FOR CAST IRON SOIL PIPE AND FITTINGS SHALL CONFORM TO ASTM C564.

PLUMBING FIXTURES AND FIXTURES CARRIERS:

- A. ACCEPTABLE MANUFACTURERS:
1. VITREOUS CHINA FIXTURES: AMERICAN STANDARD, ELIER, KOHLER, TOTO, ZURN.
2. PLUMBING FAUCETS: AMERICAN STANDARD, CHICAGO, T&S BRASS, ZURN, SYMMONS, MOEN COMMERCIAL HD
3. SUPPORTS AND CARRIERS: ZURN, J.R. SMITH, WADE, JOSAM, WATTS/ANCON, MIFAB

DOMESTIC WATER PIPING AND APPURTENANCES

- A. FURNISH AND INSTALL DOMESTIC HOT AND COLD WATER PIPING.
B. ABOVE SLAB PIPING. PROVIDE SEAMLESS ASTM B 88 AND ANSINSF STANDARD 61 TYPE L COPPER WATER TUBE WITH WROUGHT COPPER AND BRONZE SOLDER-JOINT. ANSI B16.22. SOLDER MATERIAL SHALL BE 95-5 (LEAD FREE) (TIN-ANTIMONY-GRADE 95TA) ASTM 32.

DOMESTIC WATER INSULATION

- A. ELASTOMERIC INSULATION: INSULATION MATERIAL SHALL BE 1/2" FLEXIBLE, CLOSED-CELL ELASTIC INSULATION IN TUBULAR OR SHEET FORM. MATERIAL SHALL HAVE A FLAME SPREAD RATING OF 25 OR LESS AND A SMOKE DEVELOPED RATING OF 50 OR LESS WHEN TESTED IN ACCORDANCE WITH ASTM E84, LATEST REVISION.
B. FIBERGLASS INSULATION: 1/2" THICK HEAVY DENSITY, DUAL TEMPERATURE FIBERGLASS INSULATION WITH FACTORY APPLIED, ALI SERVICE, REINFORCED VAPOR BARRIER JACKET HAVING INTEGRAL LAMINATED VAPOR BARRIER...

SPRINKLER SYSTEMS

- A. FURNISH ALL ARTICLES OF A COMPLETED SPRINKLER SYSTEM INCLUDING ALL MATERIALS, LABOR, TOOLS, EQUIPMENT, TRANSPORTATION SERVICES AND SUPERVISION FEES.
B. STUDY THE GENERAL STRUCTURAL, ELECTRICAL AND MECHANICAL DRAWINGS AND SPECIFICATIONS, IN ORDER TO BECOME FAMILIAR WITH THE BUILDING AND DETAILS AS THEY APPLY TO THE WORK OF THIS SECTION.
C. SPRINKLER HEAD: ALL HEADS SHALL BE UL LISTED AND FM APPROVED, AND COMPLY WITH THE LATEST REQUIREMENTS OF NFPA 13 WITH RESPECT TO ORIFICE SIZE UNLESS OTHERWISE NOTED. SPRINKLER HEADS WITH "O" RING DESIGN SHALL NOT BE ACCEPTABLE.

PLUMBING FIXTURE SCHEDULE

Table with columns: TYPE, FIXTURE DESCRIPTION. Includes entries for Water Closet (WC), Sink (S), and Shower (SH).

PLUMBING FIXTURE SCHEDULE

Table with columns: TYPE, FIXTURE DESCRIPTION. Includes entries for Lavatory (L), Shower (SH), Sink (S), and Water Closet (WC).

PLUMBING PIPING LEGEND

Table with columns: SYMBOLS, DESCRIPTION. Lists various pipe types and fittings like SAN, CW, HW, HWR, etc.

PLUMBING GENERAL NOTES

- 1. ALL WORK, METHODS AND INSTALLATIONS INVOLVED IN THE PLUMBING DESIGN SHALL BE IN ACCORDANCE WITH THE CITY BUILDING CODE, INSPECTION REGULATIONS AND ALL OTHER OFFICIALS HAVING JURISDICTION.
2. ALL SANITARY PIPING 3" AND LARGER ROUTED AT 1/8" SLOPE PER FOOT UNLESS OTHERWISE NOTED. ALL PIPE LESS THAN 3" SHALL BE ROUTED AT 1/4" SLOPE PER FOOT.

FIRE SPRINKLER NOTE:

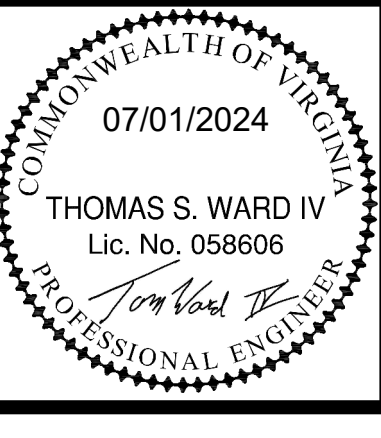
ADJUST EXISTING FIRE SPRINKLER SYSTEM TO SERVE RENOVATED AREA. LICENSED FIRE SPRINKLER ENGINEER OR LICENSED SPRINKLER CONTRACTOR, TO PROVIDE DRAWINGS AND CALCULATIONS TO UPDATE CHANGES TO EXISTING SYSTEM AND TO COMPLY WITH NEW SPACE LAYOUT, NFPA 13, AND ALL STATE AND LOCAL CODE REQUIREMENTS.



SECOND FLOOR RENOVATION FOR LEWIS GALE MEDICAL CENTER 1900 ELECTRIC ROAD SALEM, VIRGINIA 24153

DRAWN BY: ARR CHECKED BY: SGS

PLUMBING LEGEND, FIXTURE SCHEDULE, GENERAL NOTES AND DETAILS



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Project Number: 2024-01904

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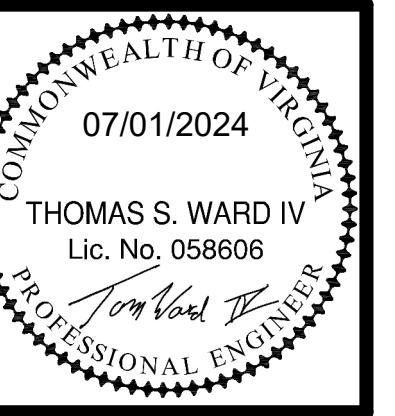
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1900 ELECTRIC ROAD SALEM, VIRGINIA 24153

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PLUMBING SPECIFICATIONS

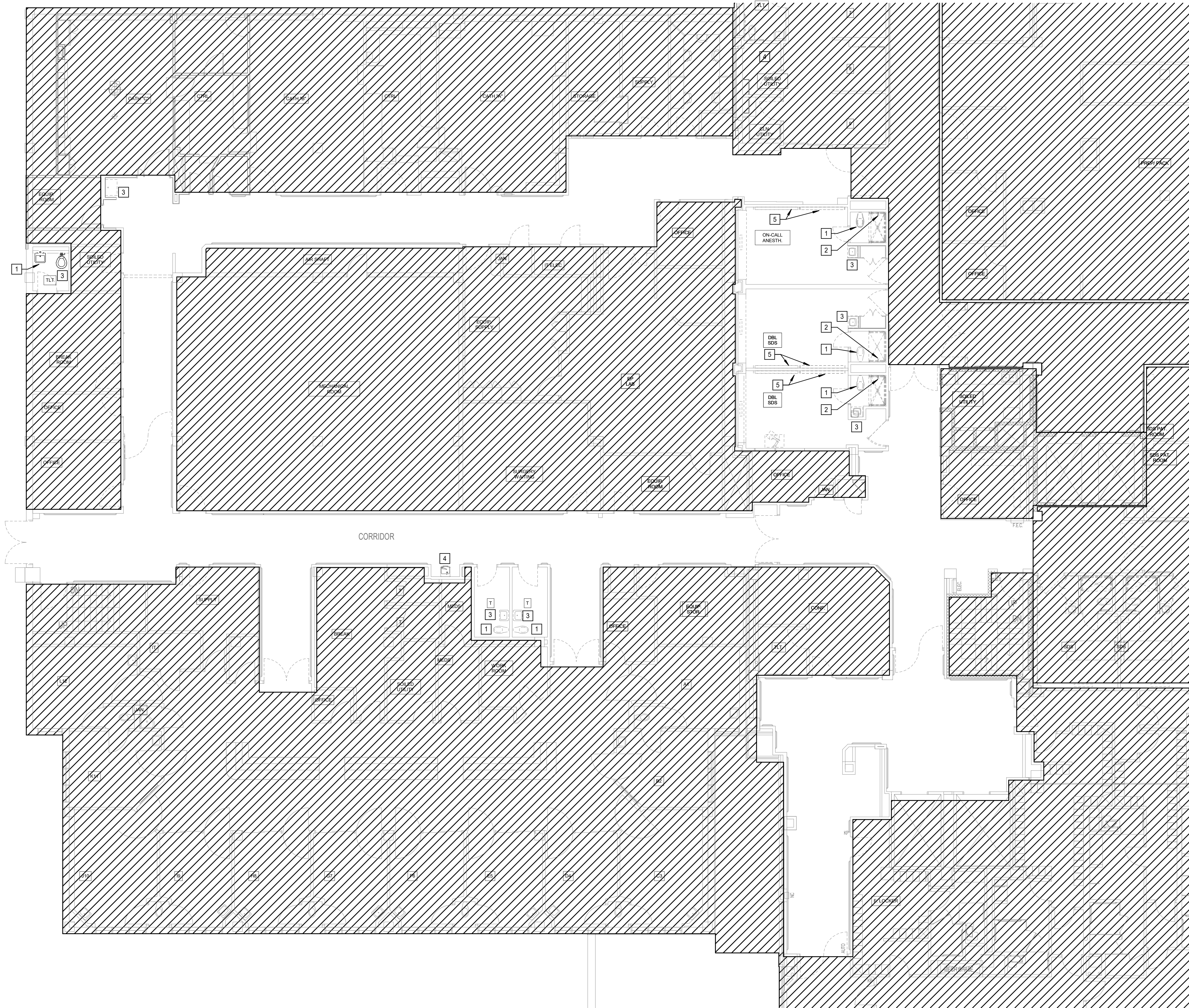


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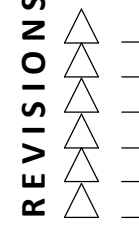
MEDICAL GAS SYSTEMS SPECIFICATIONS

<p>GENERAL</p> <ol style="list-style-type: none"> THE WORK SHALL INCLUDE PROVIDING AND INSTALLING ALL MATERIALS REQUIRED TO COMPLETE EXISTING OPERABLE SYSTEMS. WORK SHALL INCLUDE CONNECTIONS TO COMPLETE UTILITIES. PROVIDE ACCESS PANELS FOR ALL EQUIPMENT AND MATERIALS REQUIRING MAINTENANCE OR INSPECTION SERVICES. PROVIDE CUTTING AND PATCH-UPS OF EXISTING CONSTRUCTION AS REQUIRED TO INSTALL THE WORK. SUBMITTALS: THE CONTRACTOR SHALL SUBMIT ALL PRODUCT DATA FOR REVIEW AND ACCEPTANCE BY THE ENGINEER. THE CONTRACTOR SHALL BE PROCEEDING AT THEIR OWN RISK IF THE CONTRACTOR CHOOSES TO PROCEED WITH THE WORK PRIOR TO ACCEPTANCE OF THE MATERIALS AND EQUIPMENT BY THE ENGINEER. THIRD PARTY CERTIFICATION: ALL PLUMBING PRODUCTS AND MATERIALS SHALL BE LISTED BY A THIRD-PARTY CERTIFICATION AGENCY AS COMPLYING WITH THE REFERENCED STANDARDS INDICATED IN THE IPC. PRODUCTS AND MATERIALS SHALL BE IDENTIFIED IN ACCORDANCE WITH THE IPC. COORDINATE WITH OWNER RETAINED VERIFIER FOR FINAL VERIFICATION OF THE MEDICAL GAS SYSTEMS. MAKE CORRECTIONS AS NEEDED, INCLUDING ADDITIONAL TESTING IF NECESSARY TO ATTAIN FULL AND UNQUALIFIED CERTIFICATION. COORDINATE WITH OWNER TO ENSURE MEDICAL GAS OUTLETS, WHETHER OWNER SUPPLIED OR CONTRACTOR SUPPLIED, IN WALLS, CEILINGS AND ALL EQUIPMENTS ARE PROVIDED BY THE SAME MEDICAL GAS EQUIPMENT MANUFACTURER (MGEM) ARE SATISFACTORY TO THE OWNER. MEDICAL GAS CONTRACTOR SHALL SUPPLY, INSTALL AND INTEGRATE THE NEW HEADWALL COMPONENTS WITH EXISTING MEDICAL AIR & GAS SYSTEMS. COORDINATE WITH MEDICAL GAS VERIFIER TO DELIVER A COMPLETE, TESTED MEDICAL GAS INSTALLATION READY FOR OWNER'S USE. MGEM WILL INCLUDE WITH SUBMITTALS AN AFFIDAVIT ATTESTING TO COMPLIANCE WITH ALL RELEVANT PARAGRAPHS OF NFPA 99 MOST RECENT EDITION INCLUDING ITEMS BELOW. MGEM PERSONNEL SHALL MEET THE LATEST EDITION OF NFPA 99 SECTION TITLED "QUALIFICATION OF INSTALLERS" AND HOLD MEDICAL GAS ENDORSEMENTS AS UNDER ASSE 8010. THE CONTRACTOR SHALL FURNISH DOCUMENTATION ATTESTING THAT ALL INSTALLED PIPING MATERIALS WERE PURCHASED CLEANED AND COMPLIED WITH THE REQUIREMENTS OF NFPA 99 5.1.10.1 AND 5.1.10.2. THE CONTRACTOR SHALL FURNISH COPIES OF ASSE 8010 QUALIFICATIONS FOR ALL WORKERS INSTALLING MEDICAL GAS PIPING. 	<p>MEDICAL GAS PIPING SYSTEMS:</p> <ol style="list-style-type: none"> PIPING SHALL BE SEAMLESS COPPER TUBING - TYPE K HARD SHALL BE USED IN ALL INSTANCES. ALL PIPING SHALL BE CHEMICALLY WASHED AND DEGREASED AND OTHERWISE BE ESPECIALLY PREPARED FOR MEDICAL GAS USAGE BY THE PIPING MANUFACTURER. THIS TUBING SHALL BE SUPPLIED TO THE JOB SITE CAPPED AT BOTH ENDS TO PREVENT CONTAMINATION PRIOR TO INSTALLATION. TUBING SHALL CONFORM TO ASTM SPECIFICATION B-819. SIZES AND LENGTHS REQUIRED ARE TO BE DETERMINED FROM THE PLANS, SMALLEST PIPE IF NOT INDICATED ON DRAWINGS SHALL BE AS PER NFPA 99. ALL FITTINGS USED FOR CONNECTING COPPER PIPE SHALL BE: <ol style="list-style-type: none"> CONSTRUCTED FROM WROUGHT COPPER, BRASS, OR BRONZE. MADE ESPECIALLY FOR SOLDERED OR BRAZED CONNECTIONS. SUITABLE FOR THE MAXIMUM PIPELINE PRESSURE THAT MAY BE EXPERIENCED IN THE CONSTRUCTION, TESTING, AND SERVICE OF THE SYSTEM. ALL PIPING, ASSEMBLIES, VALVES, FITTINGS EXCEPT ELBOWS, TEES, AND COUPLINGS THAT ARE JOINED TOGETHER BY BRAZING, SHALL BE: <ol style="list-style-type: none"> CLEANED USING METHODS SPECIFIED IN OGA STANDARD G-4.1, VISUALLY INSPECTED AND CAPPED OR SEALED TO PREVENT CONTAMINATION, AND LABELED, ON THE PART OR PACKAGE, BY THE MANUFACTURER, E.G. "CLEAN FOR OXYGEN SERVICE". WHEN A FITTING OR OTHER COMPONENT CANNOT BE OBTAINED AS REQUIRED BY 2.3.3 OR BECOMES INADVERTENTLY CONTAMINATED, IT SHALL BE THOROUGHLY CLEANED OF OIL, GREASE AND OTHER READILY OXIDIZABLE MATERIAL BEFORE INSTALLATION. CLEANING ON SITE SHALL BE DONE IN ACCORDANCE WITH APPROVED PROCEDURES. MEDICAL GAS SHUT-OFF VALVES: VALVES SHALL BE 3 PIECE BALL-TYPE DESIGN WITH A BRASS FORGING BODY AND A CHROME PLATED BRASS BALL FOR SIZES 1/4" TO 1/2". SEATS SHALL BE REINFORCED TEFLON (PTFE) AND SEALS MITON FOR 1 1/2" TO 4" A BLOW-OUT PROOF STEM SHALL BE USED AND THE VALVE SHALL HAVE A MAXIMUM PRESSURE RATING OF 600 PSL. VALVES SIZES 1/2" TO 2" SHALL BE 4-BOLT DESIGN. VALVE BODIES SHALL BE CONSTRUCTED SO THAT THEY SWING OUT FOR EASE OF MAINTENANCE. <ol style="list-style-type: none"> ALL VALVES EXCEPT VALVES IN THE ZONE VALVE BOXES (ZVB'S), SHALL BE FURNISHED WITH A LOCKABLE DEVICE (LOCKS NOT INCLUDED). COPPER PIPE STUBS FOR EASE OF INSTALLATION, CAPPED, INDIVIDUALLY BAGGED TO PREVENT CONTAMINATION. VALVES IN THE ZVB'S WILL BE DELIVERED AS DETAILED ON DRAWINGS. ALL SERVICE ISOLATION VALVES SHALL HAVE A CRN AND EACH VALVE SHALL BEAR THE APPROVED TAG FOR THE SERVICES INTENDED. ALL MEDICAL GAS VALVES SHALL HAVE A 5 YEAR MANUFACTURE'S WARRANTY. DISS MEDICAL GAS OUTLETS: OUTLETS SHALL BE MANUFACTURED WITH A 6-1/2" LENGTH TYPE K 1/2" OUTSIDE DIAMETER (3/8" NOMINAL) SIZE COPPER INLET PIPE STUB, WHICH IS SILVER BRAZED TO THE OUTLET BODY. <ol style="list-style-type: none"> THE BODY SHALL BE OF 1.516" DIAMETER, ONE PIECE BRASS CONSTRUCTION, FOR POSITIVE PRESSURE GAS SERVICES, THE OUTLET SHALL BE EQUIPPED WITH A PRIMARY AND SECONDARY CHECK VALVE AND THE SECONDARY CHECK VALVE SHALL BE RATED AT A MAXIMUM OF 200 PSI IN THE EVENT THE PRIMARY CHECK VALVE IS REMOVED FOR MAINTENANCE. OUTLET BODIES SHALL BE GAS SPECIFIC BY INDEXING EACH GAS SERVICE TO A GAS SPECIFIC DUAL PIN INDEXING ARRANGEMENT ON THE RESPECTIVE IDENTIFICATION MODULE. A LARGE COLOR-CODED FRONT PLATE SHALL BE USED FOR EASE OF GAS IDENTIFICATION AND AESTHETIC APPEAL. A ONE-PIECE CHROMED FASCIA PLATE SHALL FRAME THE OUTLET, WITH THE BACK ROUGH-IN MOUNTED, THE OUTLET SHALL ADJUST FROM 3/8" TO 1" VARIATION IN WALL THICKNESS. THE OUTLETS SHALL BE OF MODULAR DESIGN AND INCLUDE A GAS-SPECIFIC 16 GA. STEEL MOUNTING PLATE DESIGNED TO PERMIT ON-SITE GANGING OF MULTIPLE OUTLETS, IN ANY ORDER, ON 5" SPACING. THE LATCH-VALVE ASSEMBLY SHALL BE D.I.S.S. (DIAMETER INDEX SAFETY SYSTEM) AND SHALL ONLY ACCEPT CORRESPONDING GAS-SPECIFIC ADAPTERS. ALL OUTLETS SHALL BE CLEANED AND DEGREASED FOR MEDICAL GAS SERVICE, FACTORY ASSEMBLED AND TESTED. THE OUTLETS SHALL BE UL LISTED AND/OR ETL LISTED. HANGERS: HANGERS, BRACES AND RESTRAINTS SHALL ADEQUATELY SUPPORT THE SYSTEMS HORIZONTALLY AND VERTICALLY AND SHALL ALLOW FOR MOVEMENT WITHOUT TRANSMITTING STRESS OR VIBRATION TO THE STRUCTURE. HANGERS SHALL BE EQUAL TO GRINNELL PRODUCTS. PROVIDE ACRYLIC SNAP-ON LABELS WITH DIRECTIONAL ARROWS FOR ALL PLUMBING PIPING SYSTEMS. LABELS SHALL BE SPACED A MAXIMUM OF 25'-0" APART AND WITHIN 2'-0" OF WALL PENETRATIONS. PENETRATIONS: ALL PIPING PENETRATIONS OF RATED ASSEMBLIES SHALL BE SEALED IN ACCORDANCE WITH UL LISTED THROUGH PENETRATION ASSEMBLIES. 	<p>TESTING & FINAL INSPECTION:</p> <ol style="list-style-type: none"> EACH SECTION OR AREA, AS COMPLETED, SHALL BE SUBJECTED TO TESTING BY MEANS OF OIL FREE NITROGEN, AT A TEST PRESSURE OF 1 1/2 TIMES THE MAXIMUM WORKING PRESSURE OR 1034 KPA WHICH EVER IS GREATER. THIS PRESSURE SHALL BE MAINTAINED FOR MINIMUM OF TWENTY-FOUR (24) HOURS, WITH NO ALLOWANCE FOR LOSS OF PRESSURE. ALL TESTING SHALL BE IN ACCORDANCE WITH NFPA 99. THE OWNER SHALL BE ADVISED TO THE STANDING TEST SO THAT HE MAY BE PRESENT DURING THE TESTS. ADVISE OWNER PRIOR TO TESTS AS REQUIRED. TEST EACH SYSTEM SEPARATELY AS PER NFPA 99 EACH JOINT SHALL BE EXAMINED FOR LEAKAGE BY MEANS OF AN APPROVED OXYGEN LEAK DETECTOR. IF THERE IS A DROP IN PRESSURE, EACH JOINT AND THE EQUIPMENT IN THAT AREA OR SECTION SHALL BE INSPECTED AND TESTED FOR LEAKAGE. AFTER LEAKS HAVE BEEN LOCATED AND REPAIRED, THIS SECTION SHALL BE RETESTED AS PER PROCEEDING PARAGRAPH. ALL GAUGES AND PRESSURE SWITCHES SHALL BE DISCONNECTED DURING TESTING PROCEDURE TO PREVENT DAMAGE TO EQUIPMENT. A FINAL TEST OF ALL SYSTEMS SHALL BE PERFORMED UPON COMPLETION OF ALL AREAS OR SECTIONS. THIS TEST SHALL BE PERFORMED WITH AN OWNER'S REPRESENTATIVE IN ATTENDANCE. AFTER COMPLETION OF ALL TESTING, ALL SYSTEMS SHALL BE PURGED AND GAUGES AND PRESSURE SWITCHES PLACED INTO POSITION. THE SYSTEMS SHALL BE LEFT UNDER 70 KPA NITROGEN PRESSURE UNTIL FINAL PURGING AND ANALYSES ARE PERFORMED IN ACCORDANCE WITH CAN/CSA-Z7396.1-09 AND DEPARTMENT OF LABOR REQUIREMENTS.
		<p>PURGING:</p> <ol style="list-style-type: none"> IN THE PRESENCE OF THE INDEPENDENT TESTING AGENCY, AND AFTER THE SUCCESSFUL INSPECTION OF THE SOURCES, THE NITROGEN BLANKET SHALL BE PURGED FROM EACH COMPLETE PIPE LINE SYSTEM. THEY SHALL THEN BE FLUSHED WITH THE GAS TO BE CARRIED, I.E. OXYGEN, NITROUS OXIDE, ETC., TO ENSURE THAT ALL TRACES OF TESTING GAS (NITROGEN) ARE REMOVED FROM THE SYSTEM. THE CONTRACTOR SHALL OBTAIN AND PAY FOR THE GASES NECESSARY TO COMPLETE THE PURGING, FROM THE HOSPITAL'S SUPPLIES, PENDING SATISFACTORY NEGOTIATIONS WITH THE HOSPITAL.
		<p>CERTIFICATION:</p> <ol style="list-style-type: none"> THE OWNER SHALL RETAIN AN INDEPENDENT TESTING AGENCY TO TEST THE MEDICAL GASES AND VACUUM SYSTEMS FOR CROSS CONNECTION AND PURITY. ALL TESTING SHALL BE AS OUTLINED IN NFPA 99. THE CONTRACTOR SHALL CO-OPERATE WITH THE TESTING AGENCY IN THE FOLLOWING MANNER: <ol style="list-style-type: none"> PROVIDE A QUALIFIED REPRESENTATIVE TO WITNESS ALL TESTS FOR CROSS CONNECTION AND PURITY. PROVIDE IMMEDIATE LABOR, MATERIALS, AND EQUIPMENT TO MAKE CONNECTIONS, WHEN REQUIRED WITHOUT DELAY. INSTALL SENSING AND REGULATING DEVICES AND EQUIPMENT AS REQUIRED BY THE TESTING AGENCY. BE PREPARED TO PUT ALL MEDICAL GAS SYSTEMS AND EQUIPMENT INTO FULL OPERATION AND CONTINUE THE OPERATION OF SAME DURING EACH WORKING DAY OF TESTING. OBTAIN ALL GASES REQUIRED BY THE TESTING AGENCY TO COMPLETE ALL TESTING AS INDICATED IN ABOVE. PROVIDE ALL PURGE VALVES REQUIRED BY TESTING AGENCY TO COMPLETE ALL TESTING. INCLUDE IN THE CONTRACT THE COSTS OF ALL BALANCING, FLOW REGULATING, AND SENSING DEVICE CHANGES AS DETERMINED BY THE TESTS. SHOULD THE INDEPENDENT TESTING AGENCY FIND THE INSTALLED SYSTEM DOES NOT COMPLY WITH THE REQUIREMENTS OF NFPA 99, THE CONTRACTOR SHALL MAKE GOOD ANY DEFICIENCIES AT HIS OWN EXPENSE AND ALSO BEAR THE COSTS OF ANY RETESTING REQUIRED. INSTALLATION SHALL NOT BE CONSIDERED COMPLETE UNTIL FINAL REPORTS BY THE TESTING AGENCY ARE SUBMITTED AND APPROVED BY THE OWNER AFTER TESTING, LEAVE MEDICAL GAS SYSTEMS ACTIVATED.



PLUMBING GENERAL NOTES	
NOTE	Description
1	REMOVE EXISTING SPRINKLER HEAD AND PREPARE FOR REPLACEMENT WITH CONCEALED SPRINKLER HEAD.
2	NO WORK IN THESE AREAS DURING THIS PHASE

PLUMBING KEYED NOTES	
KEYED NOTE	Description
1	EXISTING WATER CLOSET, FLUSH VALVE AND ASSOCIATED PIPING TO BE REMOVED. EXISTING CARRIER TO REMAIN. INSPECT EXISTING CARRIER AND ENSURE IT IS IN GOOD CONDITION FOR REUSE. REPLACE CARRIER IF NECESSARY. TEMPORARILY PLUG AND CAP EXISTING WASTE AND WATER LINES FOR REPLACEMENT FIXTURE.
2	EXISTING TUB OR SHOWER BASIN ELEMENTS, MIXING VALVE AND ASSOCIATED PIPING TO BE REMOVED. INSPECT EXISTING DRAIN PIPING AND WATER LINES TO ENSURE IT IS IN GOOD CONDITION FOR REUSE. TEMPORARILY PLUG AND CAP EXISTING WASTE AND WATER LINES FOR REPLACEMENT FIXTURES.
3	EXISTING SINK OR LAVATORY, MIXING VALVE AND ASSOCIATED PIPING TO BE REMOVED. INSPECT EXISTING DRAIN PIPING AND WATER PIPING TO ENSURE IT IS IN GOOD CONDITION FOR REUSE. TEMPORARILY PLUG AND CAP EXISTING WASTE AND WATER LINES FOR REPLACEMENT FIXTURES.
4	EXISTING FIXTURE TO REMAIN.
5	EXISTING MEDICAL GAS HEADWALL TO BE REMOVED. INSPECT EXISTING OXYGEN, MEDICAL GAS AND VACUUM PIPING TO ENSURE IT IS SUITABLE FOR REUSE. EXISTING PIPING, VALVES, FITTINGS AND ACCESSORIES, LOCATED BETWEEN EXISTING HEADWALL AND SERVICE MAINS, DEEMED UNSATISFACTORY, NON-CODE-COMPLIANT OR IN GENERAL DISREPAIR SHALL BE REMOVED AND REPLACED IN NEW WORK PHASE AND INCLUDED IN CONTRACTOR'S SCOPE. TEMPORARILY PLUG AND CAP EXISTING OXYGEN, MEDICAL GAS AND VACUUM PIPING FOR REPLACEMENT MEDICAL GAS HEADWALL.

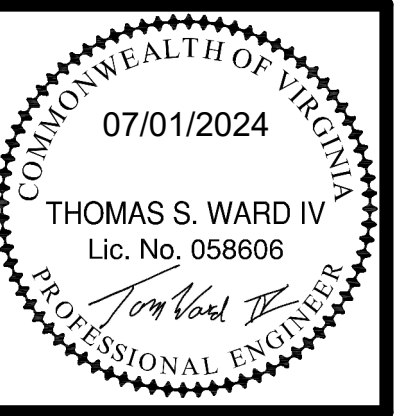


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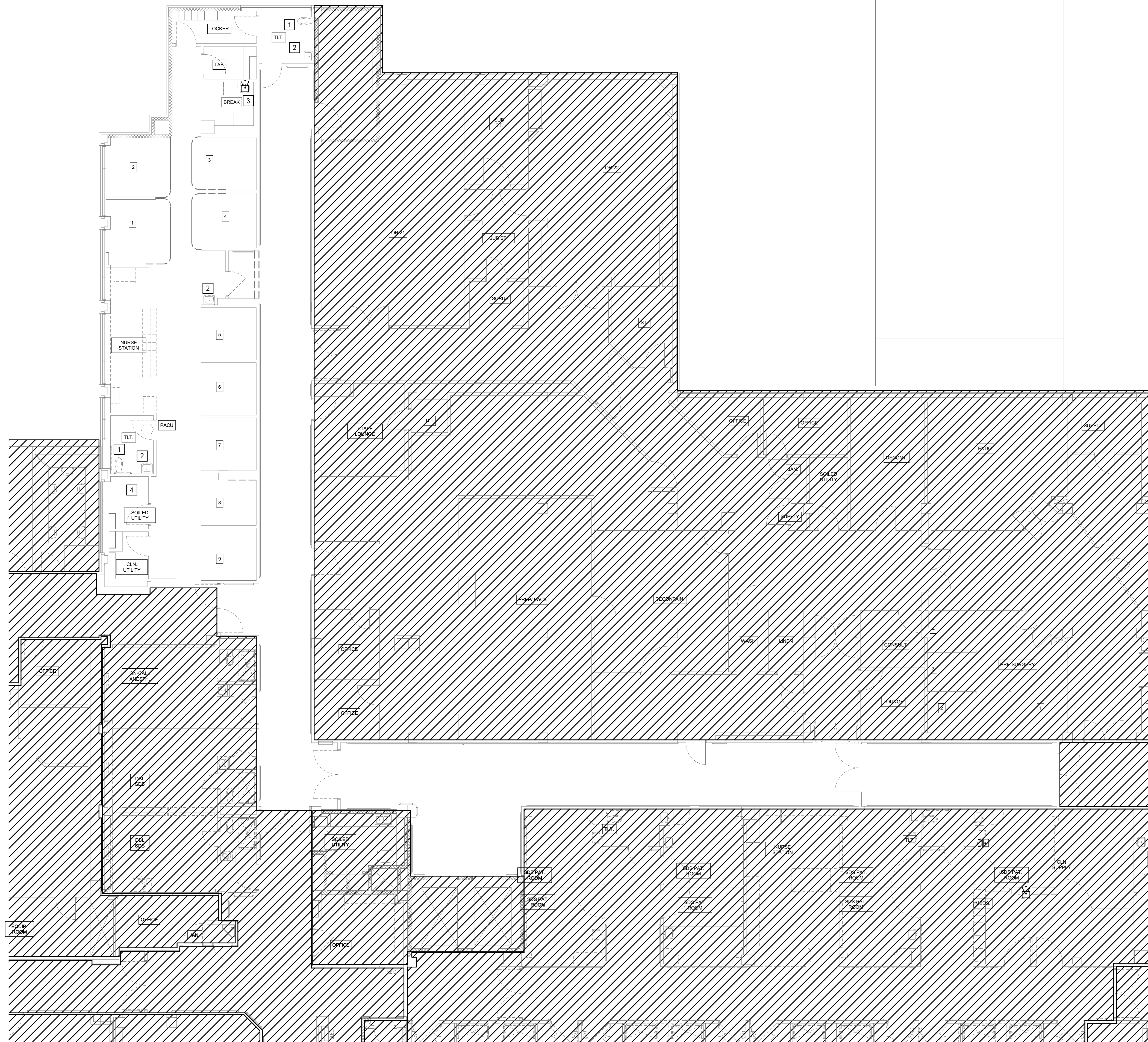
PLUMBING - SECOND FLOOR - PHASE 1 DEMOLITION FLOOR PLAN



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1 PLUMBING - SECOND FLOOR - PHASE 1 DEMOLITION FLOOR PLAN
Scale: 1/8" = 1'-0"



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2	EXISTING SINK OR LAVATORY, MIXING VALVE AND ASSOCIATED PIPING TO BE REMOVED. INSPECT EXISTING DRAIN PIPING AND WATER PIPING TO ENSURE IT IS IN GOOD CONDITION FOR REUSE. TEMPORARILY PLUG AND CAP EXISTING WASTE AND WATER LINES FOR REPLACEMENT FIXTURES.
3	EXISTING SINK, AND ASSOCIATED PIPING TO BE REMOVED. INSPECT EXISTING DRAIN PIPING AND WATER PIPING TO ENSURE IT IS IN GOOD CONDITION FOR REUSE. TEMPORARILY PLUG AND CAP EXISTING WASTE AND WATER LINES FOR REPLACEMENT FIXTURES. TEMPORARILY REMOVE FILTER AND CAP EXISTING WATER SUPPLY FOR ICE MAKER FOR FUTURE USE.
4	EXISTING PLUMBING FIXTURES IN THIS ROOM TO REMAIN.

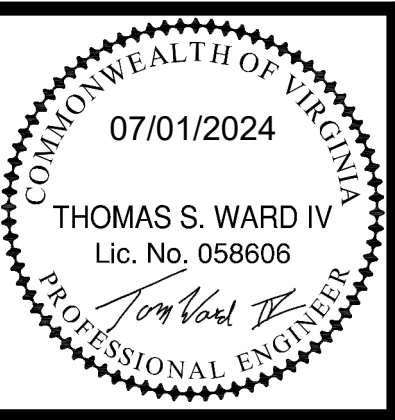
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SECOND FLOOR RENOVATION FOR
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 1900 ELECTRIC ROAD SALEM, VIRGINIA 24153

DRAWN BY: **ARR**
 CHECKED BY: **SGS**

PLUMBING -
 SECOND FLOOR -
 PHASE 2
 DEMOLITION
 FLOOR PLAN



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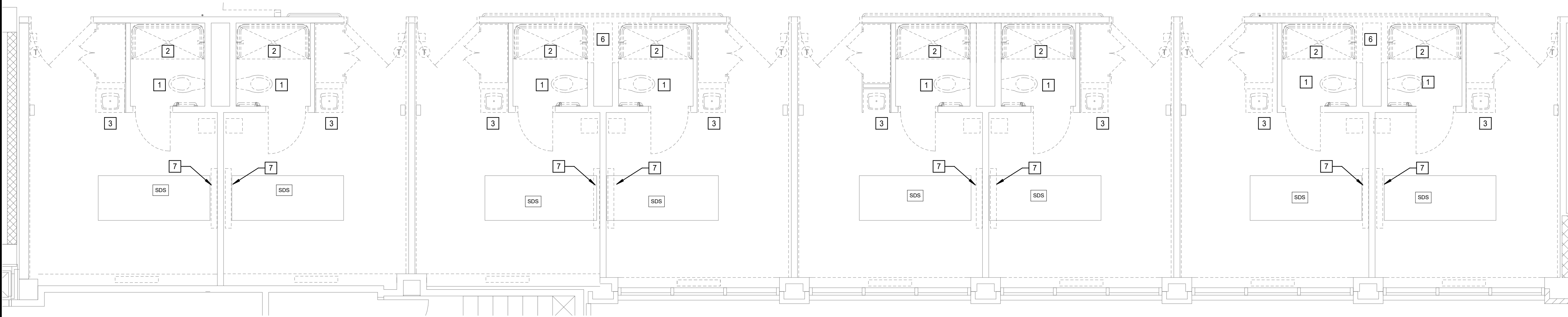
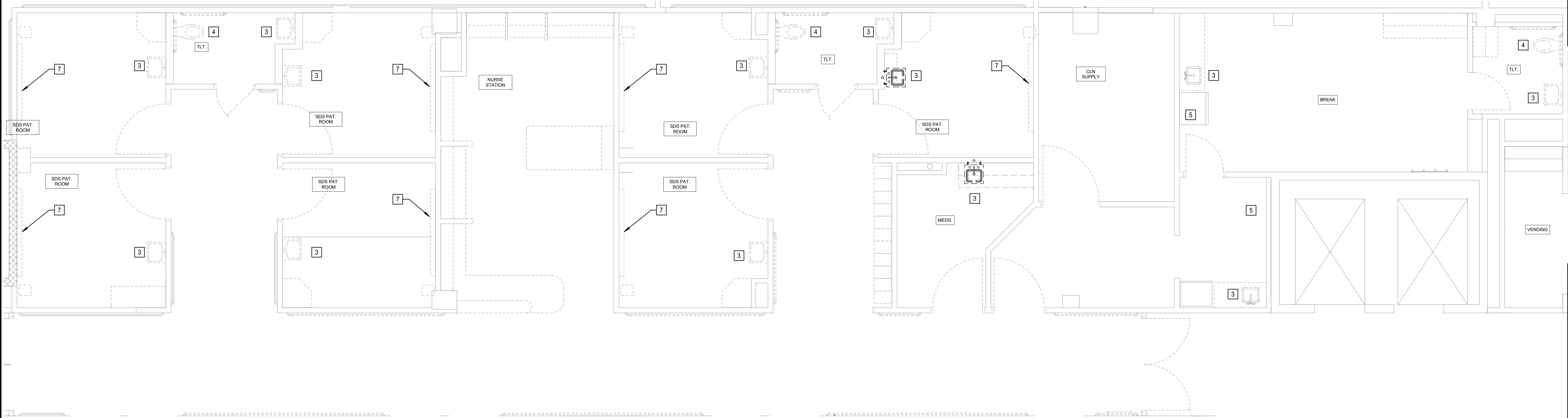
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1 PLUMBING - SECOND FLOOR - PHASE 2 DEMOLITION FLOOR PLAN
 Scale: 1/8" = 1'-0"

REVISIONS	DATE	DESCRIPTION

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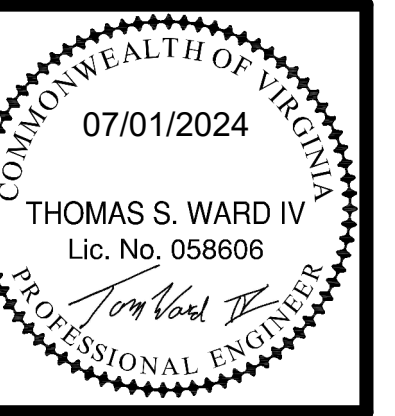
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1	EXISTING WATER CLOSET, FLUSH VALVE AND ASSOCIATED PIPING TO BE REMOVED. EXISTING CARRIER TO REMAIN. INSPECT EXISTING CARRIER AND ENSURE IT IS IN GOOD CONDITION FOR REUSE. REPLACE CARRIER IF NECESSARY. TEMPORARILY PLUG AND CAP EXISTING WASTE AND WATER LINES FOR REPLACEMENT FIXTURE.
2	EXISTING TUB OR SHOWER BASIN ELEMENTS, MIXING VALVE AND ASSOCIATED PIPING TO BE REMOVED. INSPECT EXISTING DRAIN PIPING AND WATER LINES TO ENSURE IT IS IN GOOD CONDITION FOR REUSE. TEMPORARILY PLUG AND CAP EXISTING WASTE AND WATER LINES FOR REPLACEMENT FIXTURES.
3	EXISTING SINK OR LAVATORY, MIXING VALVE AND ASSOCIATED PIPING TO BE REMOVED. INSPECT EXISTING DRAIN PIPING AND WATER PIPING TO ENSURE IT IS IN GOOD CONDITION FOR REUSE. TEMPORARILY PLUG AND CAP EXISTING WASTE AND WATER LINES FOR REPLACEMENT FIXTURES.
4	EXISTING WATER CLOSET, FLUSH VALVE AND ASSOCIATED PIPING TO BE REMOVED. TEMPORARILY PLUG AND CAP EXISTING WASTE AND WATER LINES FOR REPLACEMENT FIXTURE.
5	EXISTING HUB DRAIN FOR ICE MAKER TO REMAIN. TEMPORARILY CAP EXISTING WATER PIPING FOR REPLACEMENT FIXTURE.
6	FUTURE OPENING FOR ALCOVES. SEE NEW FLOOR PLANS. INVESTIGATE CHASE FOR PIPING THAT WOULD PREVENT OPENING AND INFORM ARCHITECT AND PLUMBING ENGINEER OF FINDINGS.
7	EXISTING MEDICAL GAS HEADWALL TO BE REMOVED. INSPECT EXISTING OXYGEN, MEDICAL GAS AND VACUUM PIPING TO ENSURE IT IS SUITABLE FOR REUSE. EXISTING PIPING, VALVES, FITTINGS AND ACCESSORIES, LOCATED BETWEEN EXISTING HEADWALL AND SERVICE MAINS, DEEMED UNSATISFACTORY, NON-CODE-COMPLIANT OR IN GENERAL DISREPAIR SHALL BE REMOVED AND REPLACED IN NEW WORK PHASE AND INCLUDED IN CONTRACTOR'S SCOPE. TEMPORARILY PLUG AND CAP EXISTING OXYGEN, MEDICAL GAS AND VACUUM PIPING FOR REPLACEMENT MEDICAL GAS HEADWALL.

SECOND FLOOR RENOVATION FOR
LEWIS GALE
MEDICAL CENTER
 1900 ELECTRIC ROAD SALEM, VIRGINIA 24153

DRAWN BY: ARR
 CHECKED BY: SGS

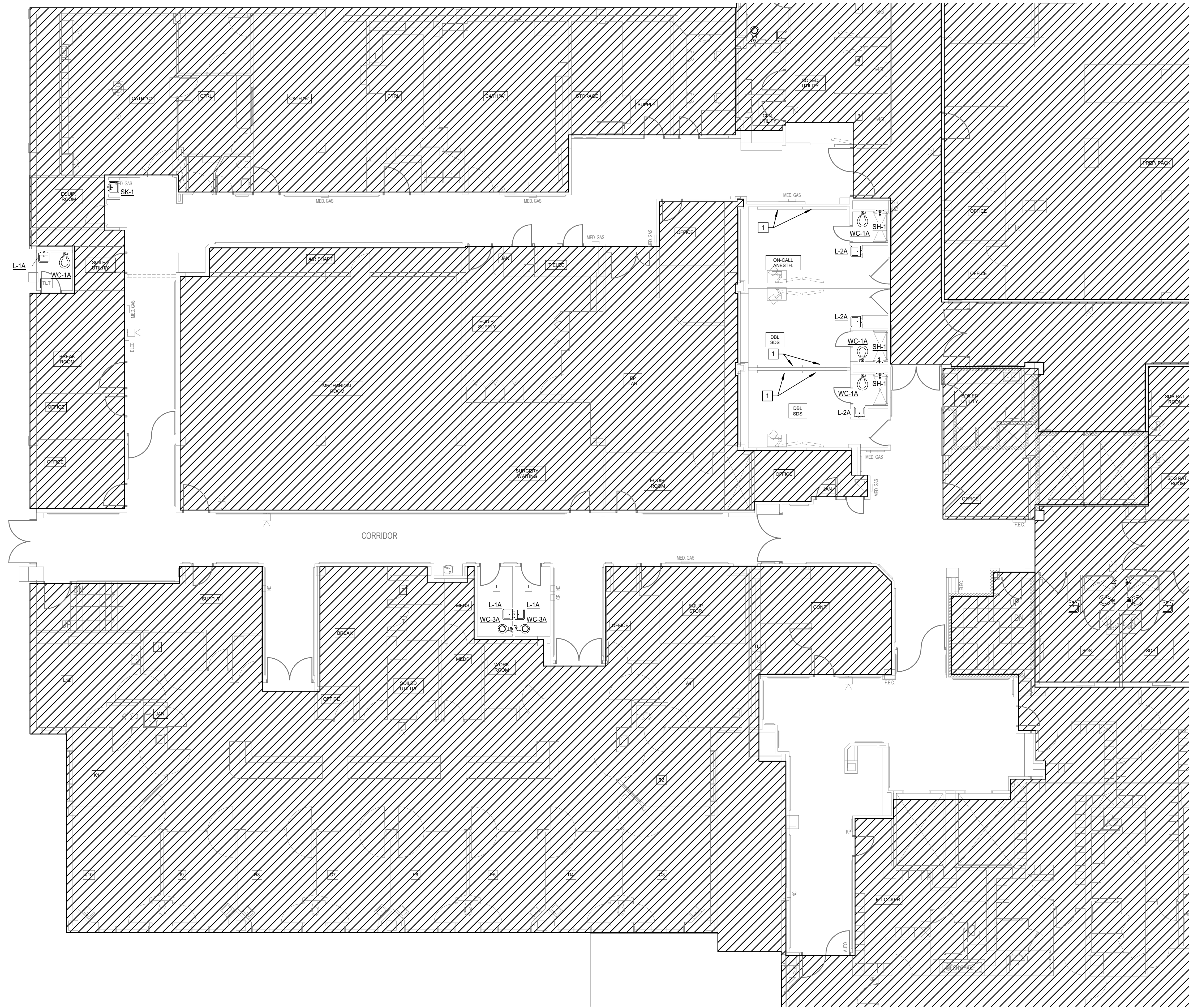
PLUMBING - SECOND FLOOR - PHASE 3 DEMOLITION FLOOR PLAN



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1 PLUMBING - SECOND FLOOR - PHASE 3 DEMOLITION FLOOR PLAN
 Scale: 1/4" = 1'-0"



1 PLUMBING - SECOND FLOOR - PHASE 1 NEW FLOOR PLAN
 Scale: 1/8" = 1'-0"

PLUMBING GENERAL NOTES	
NOTE	Description
1	SUPPLY NEW CONCEALED SPRINKLER HEADS AT ALL EXISTING LOCATIONS.

PLUMBING KEYED NOTES	
KEYED NOTE	Description
1	CONNECT EXISTING MEDICAL GAS, OXYGEN AND VACUUM TO NEW MEDICAL HEADWALL WHERE PIPING, VALVES, FITTINGS AND ACCESSORIES REQUIRE REPLACEMENT. PROVIDE ALL NECESSARY APPURTENANCES FOR A COMPLETE, CODE-COMPLIANT SYSTEM. SEE MEDICAL GAS SYSTEMS SPECIFICATIONS SHEET PG-2.

DATE: 07/01/2024

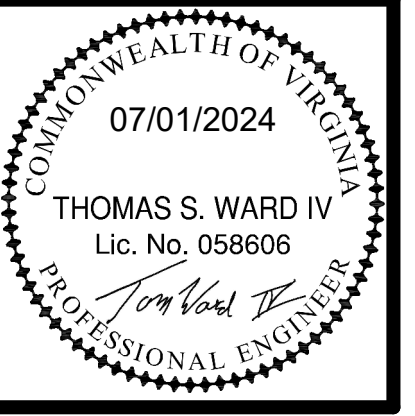
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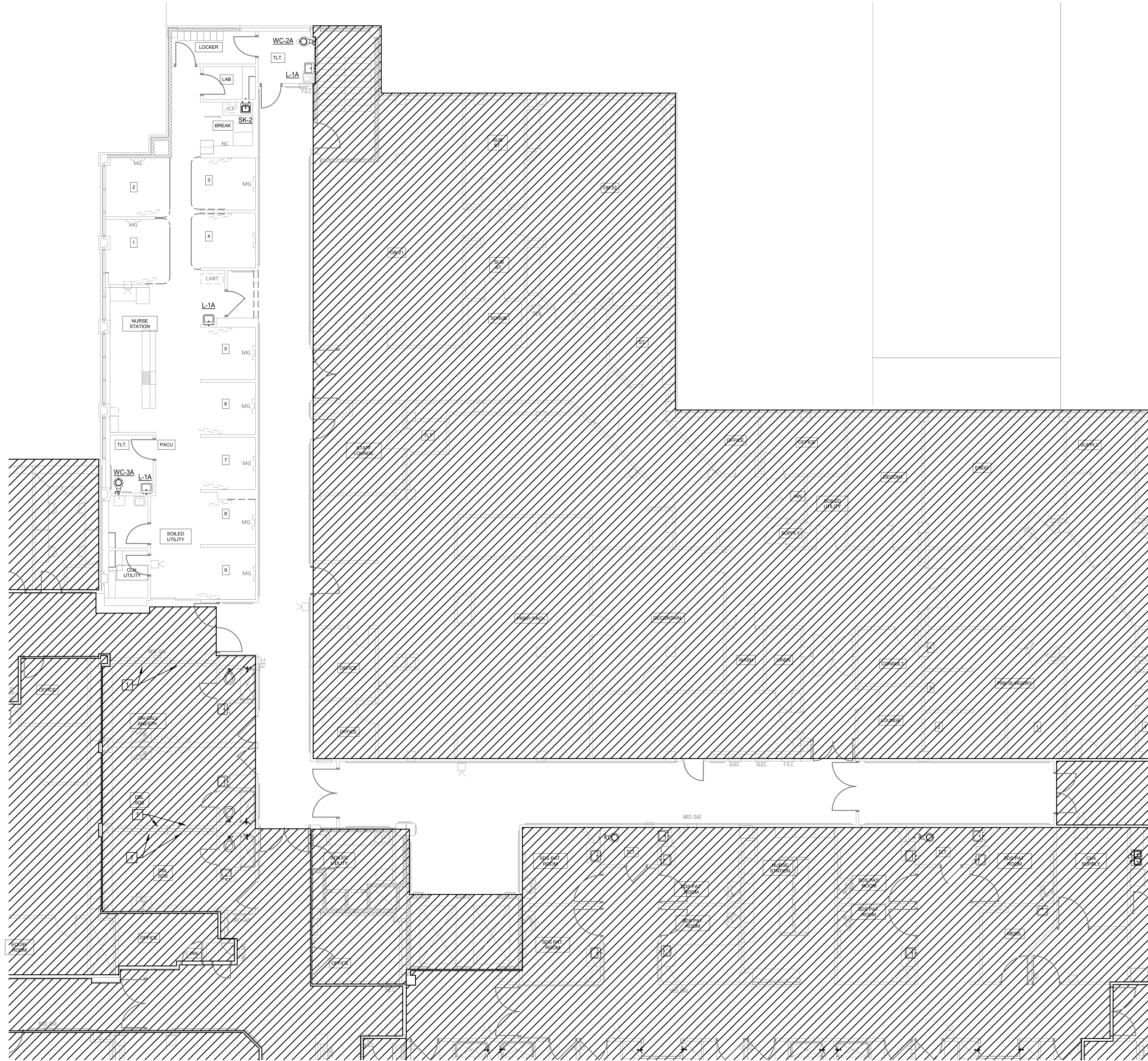
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PLUMBING - SECOND FLOOR - PHASE 1 NEW FLOOR PLAN



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PLUMBING GENERAL NOTES	
NOTE	Description
1	SUPPLY NEW CONCEALED SPRINKLER HEADS AT ALL EXISTING LOCATIONS.

DATE: 07/01/2024

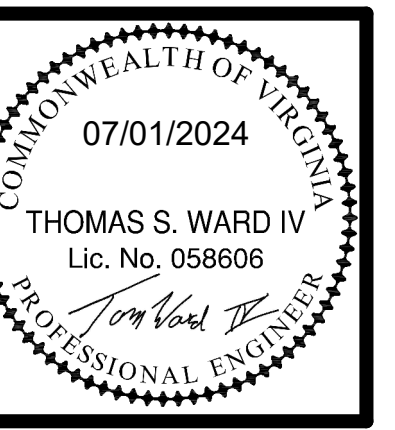
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PLUMBING -
 SECOND FLOOR -
 PHASE 2 NEW
 FLOOR PLAN



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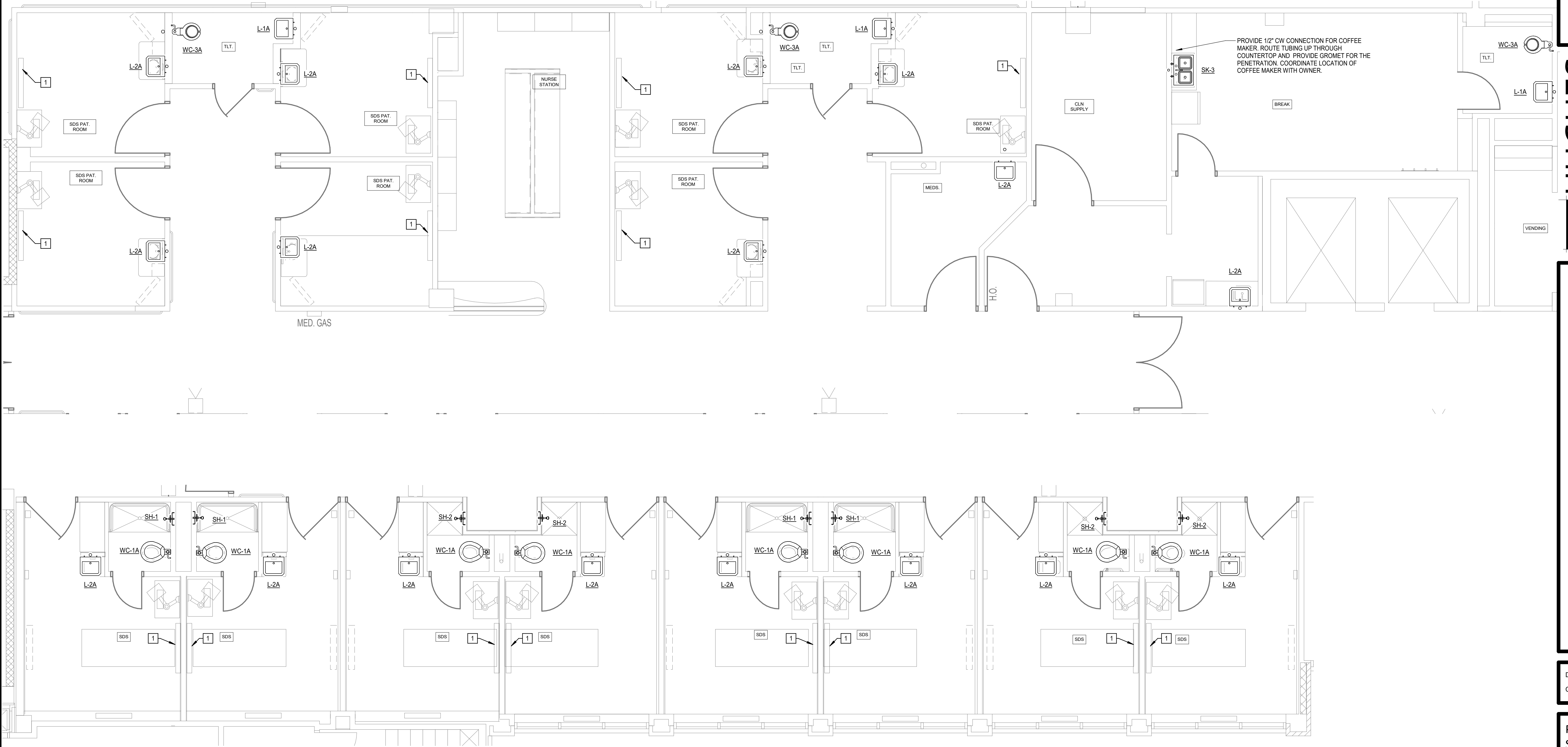
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1 PLUMBING - SECOND FLOOR - PHASE 2 NEW FLOOR PLAN
 Scale: 1/8" = 1'-0"

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PROVIDE 1/2" CW CONNECTION FOR COFFEE MAKER. ROUTE TUBING UP THROUGH COUNTERTOP AND PROVIDE GROMMET FOR THE PENETRATION. COORDINATE LOCATION OF COFFEE MAKER WITH OWNER.

SECOND FLOOR RENOVATION FOR LEWIS GALE MEDICAL CENTER
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PLUMBING SECOND FLOOR PHASE 3 NEW FLOOR PLAN

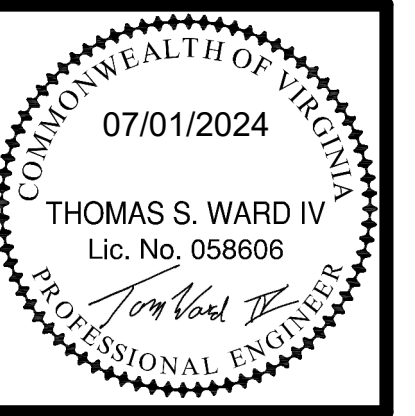
PLUMBING KEYED NOTES	
KEYED NOTE	Description
1	CONNECT EXISTING MEDICAL GAS, OXYGEN AND VACUUM TO NEW MEDICAL HEADWALL WHERE PIPING, VALVES, FITTINGS AND ACCESSORIES REQUIRE REPLACEMENT. PROVIDE ALL NECESSARY APPURTENANCES FOR A COMPLETE, CODE-COMPLIANT SYSTEM. SEE MEDICAL GAS SYSTEMS SPECIFICATIONS SHEET P0-2.

1 PLUMBING - SECOND FLOOR - PHASE 3 NEW FLOOR PLAN

Scale: 1/4" = 1'-0"



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