

"NOTE"
ALL OF GENERAL NOTES ON THIS SHEET ARE TO BE APPLIED TO ALL OTHER DRAWINGS IN THIS SET. THE SYMBOLS AND ABBREVIATIONS SHOWN ON THIS SHEET MAY OR MAY NOT BE USED IN THIS SET OF DRAWINGS.

KEYNOTES
1 EXISTING WASTE LINES WILL SERVE NEW FIXTURES ON LEVEL ABOVE, NO MODIFICATION OF THESE EXISTING WASTE LINES SHALL BE REQUIRED.

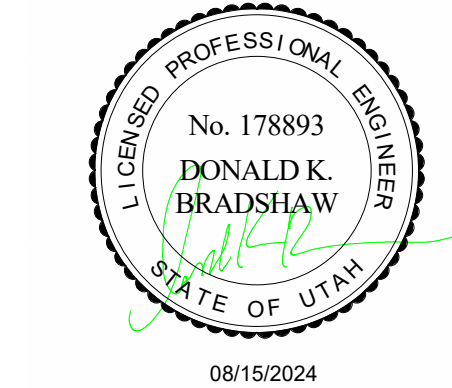
HKS

ARCHITECT
HKS ARCHITECTS, INC.
222 SOUTH MAIN, SUITE 230
SALT LAKE CITY, UT 84101

STRUCTURAL ENGINEER
REAVELEY ENGINEERS & ASSOCIATES
675 EAST 500 SOUTH, SUITE 400
SALT LAKE CITY, UT 84102

MECHANICAL ENGINEER
VAN BOERUM & FRANK ASSOCIATES, INC.
181 EAST 5600 SOUTH, SUITE 130
MURRAY, UT 84107

ELECTRICAL ENGINEER
SPECTRUM ENGINEERS, INC.
324 SOUTH STATE STREET, SUITE 400
SALT LAKE CITY, UT 84111



LAYTON HOSPITAL
MISC PROJECTS

KEY PLAN

REVISION
NO. DESCRIPTION DATE

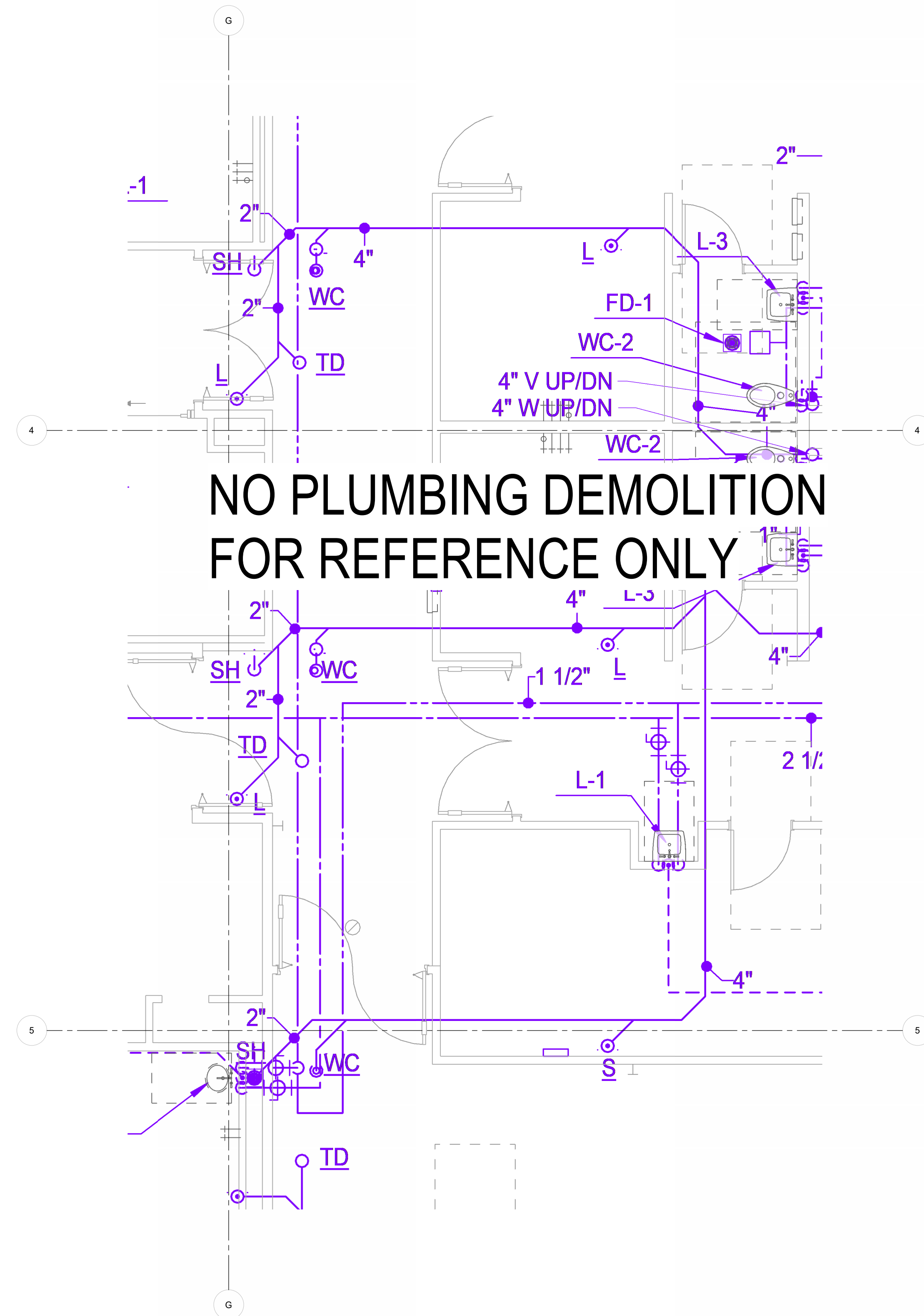
HKS PROJECT NUMBER
26404.000
DATE
08/15/2024
ISSUE
CONSTRUCTION
DOCUMENTS
SHEET TITLE
UNDERFLOOR LDR
PLUMBING PLANS

SHEET NO.

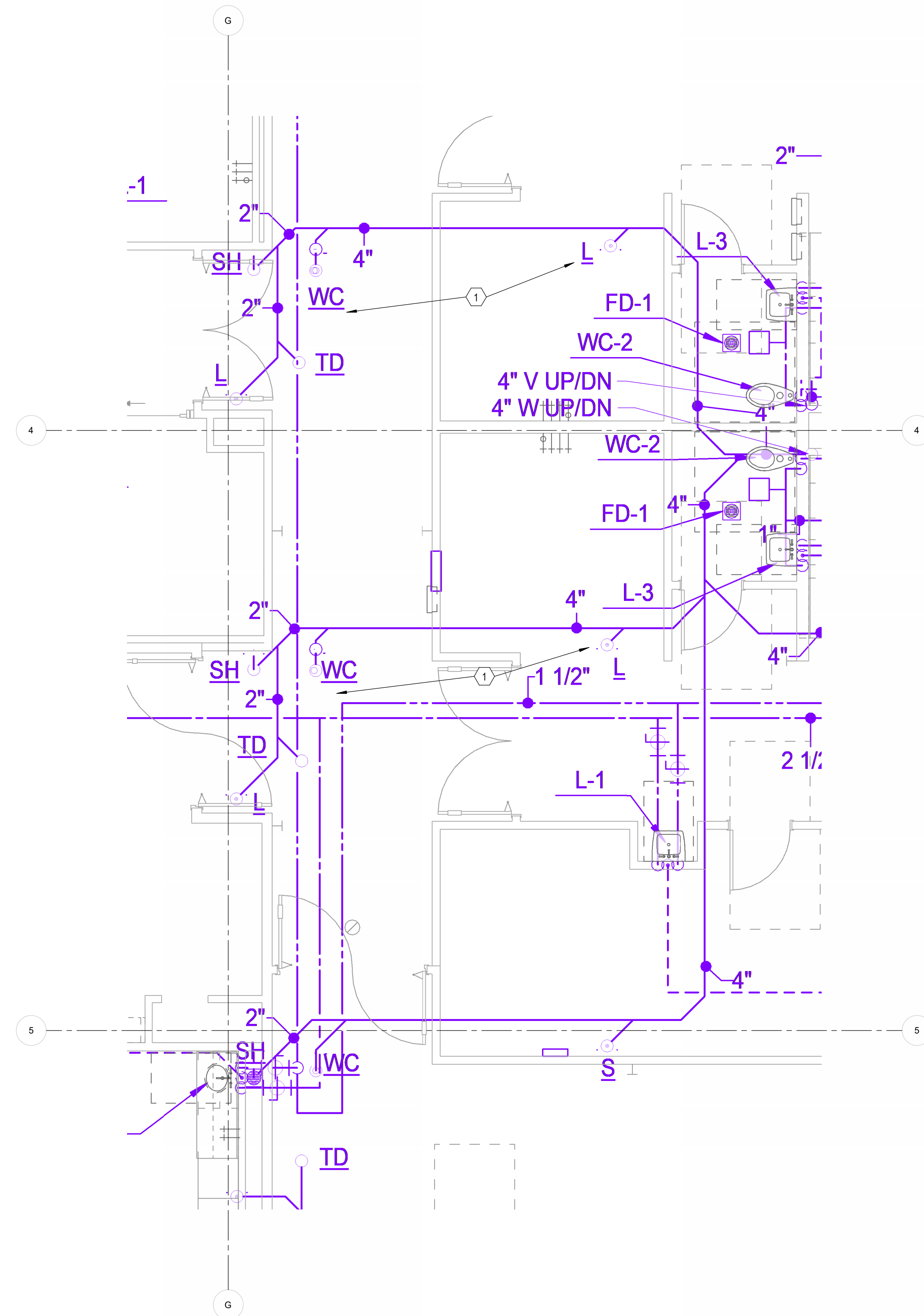
P2.00



© 2008 HKS, INC.



1 UNDERFLOOR LDR PLUMBING DEMOLITION PLAN
1/4" = 1'-0"



2 UNDERFLOOR LDR PLUMBING REMODEL PLAN
1/4" = 1'-0"

ARCHITECT

HKS ARCHITECTS, INC.
222 SOUTH MAIN, SUITE 230
SALT LAKE CITY, UT 84101

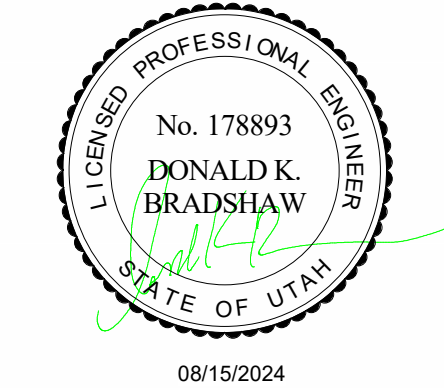
STRUCTURAL ENGINEER

REAVELEY ENGINEERS & ASSOCIATES
675 EAST 500 SOUTH, SUITE 400
SALT LAKE CITY, UTAH 84102

MECHANICAL ENGINEER

VAN BOERUM & FRANK ASSOCIATES, INC.
181 EAST 5600 SOUTH, SUITE 130
MURRAY, UTAH 84107

ELECTRICAL ENGINEER

SPECTRUM ENGINEERS, INC.
324 SOUTH STATE STREET, SUITE 400
SALT LAKE CITY, UTAH 84111LAYTON HOSPITAL
MISC PROJECTS

KEY PLAN

REVISION
NO. DESCRIPTION DATE

HKS PROJECT NUMBER

26404.000

DATE

08/15/2024

ISSUE

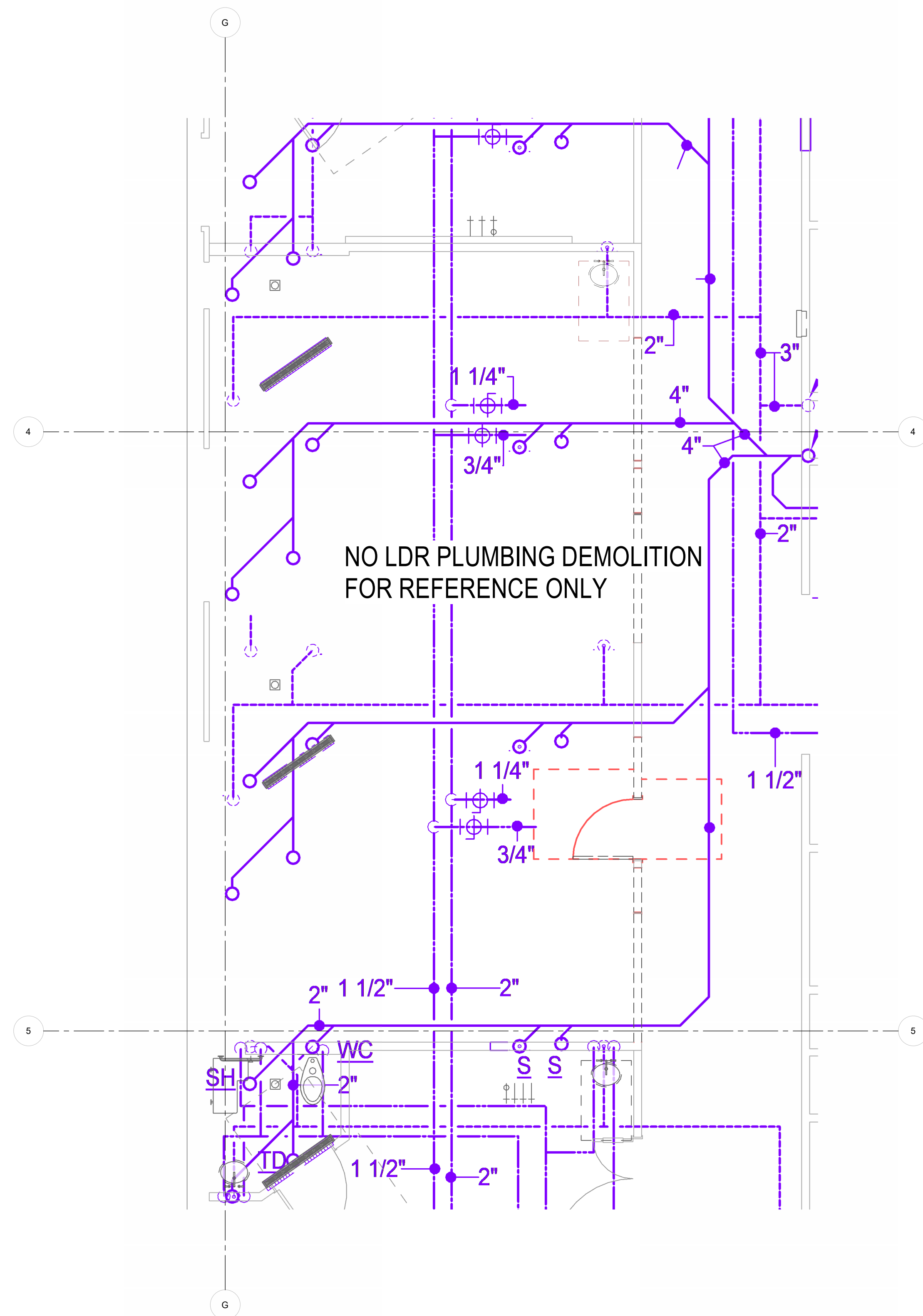
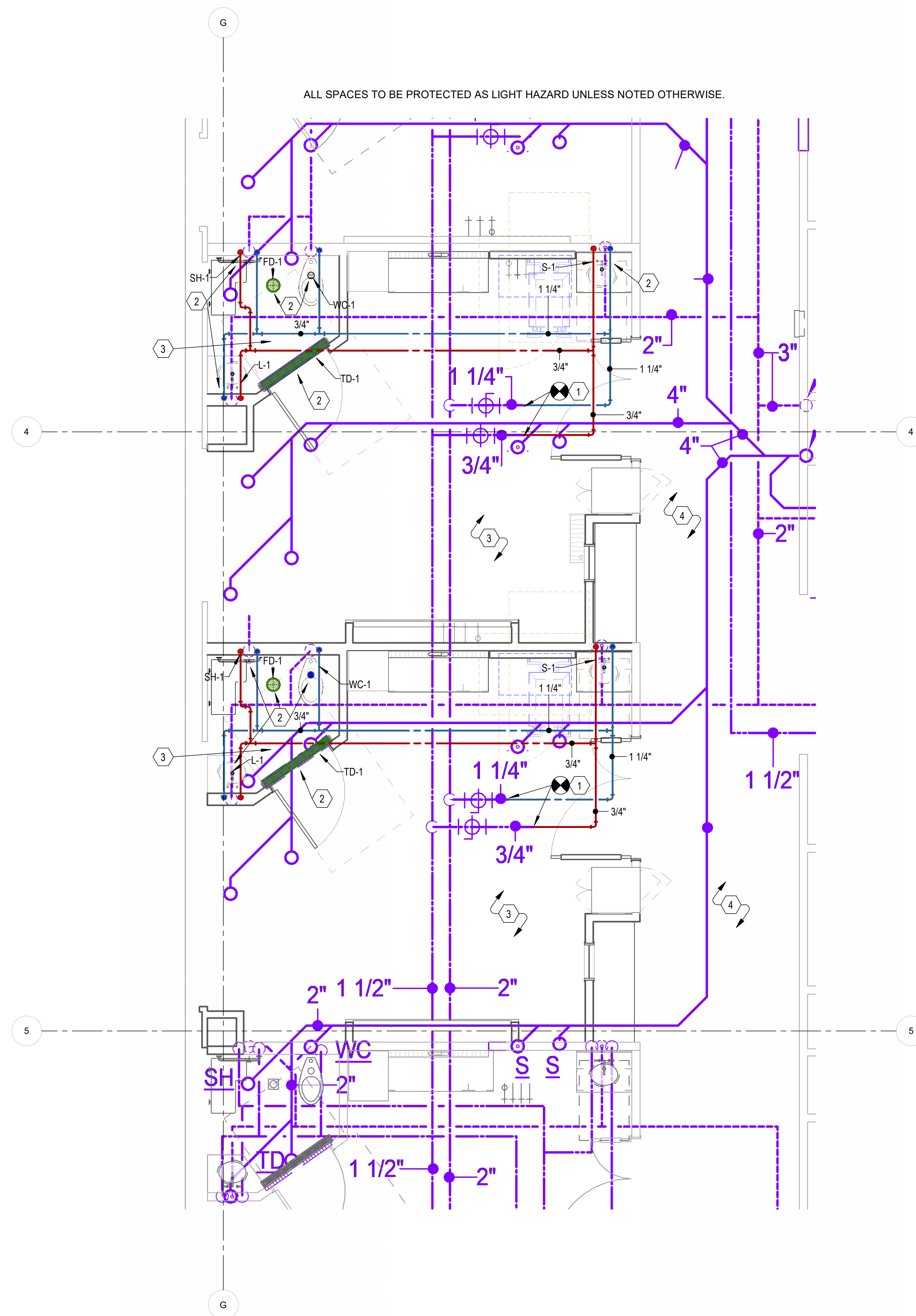
CONSTRUCTION
DOCUMENTS
SHEET TITLE
LDR PLUMBING
PLANS

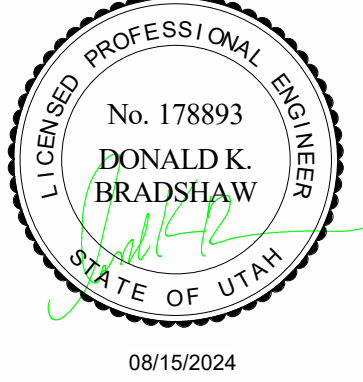
SHEET NO.

P2.01

KEYNOTES

- 1 NEW CONNECTION INTO EXISTING DOMESTIC HOT AND COLD WATER LINES.
- 2 CONNECT FIXTURE INTO STUBBED OUT WASTE AND VENT HERE.
- 3 SHIELDED SPACE TO HAVE SPRINKLER DROPS INSTALLED ON EXISTING OUTLETS OR MECHANICAL TEES AS NECESSARY TO PROVIDE COVERAGE PER NFPA 13 REQUIREMENTS. SPRINKLERS TO MATCH THOSE IN ADJACENT FINISHED SPACES. TYPICAL.
- 4 MODIFY EXISTING SPRINKLER LOCATIONS WHERE REQUIRED TO PROVIDE COMPLETE COVERAGE. TYPICAL.

**1 LEVEL 3 LDR PLUMBING DEMOLITION PLAN**
1/4" = 1'-0"**2 LEVEL 3 LDR PLUMBING REMODEL PLAN**
1/4" = 1'-0"



LAYTON HOSPITAL MISC PROJECTS

KEY PLAN

REVISION
NO. DESCRIPTION DATE

HKS PROJECT NUMBER
26404.000
DATE
08/15/2024
ISSUE
CONSTRUCTION
DOCUMENTS
SHEET TITLE
ED PLUMBING
PLANS

SHEET NO.

P2.03

KEYNOTES

1. EXTEND NEW SINK WASTE HORIZONTALLY IN WALL AND TIE INTO EXISTING SINK WASTELINE BEFORE DROPPING TO LEVEL BELOW.
2. NEW CONNECTION INTO EXISTING VENT, AND DOMESTIC HOT AND COLD WATER.
3. MODIFY EXISTING SPRINKLER LOCATIONS WHERE REQUIRED TO PROVIDE COMPLETE COVERAGE AND MAINTAIN SPRINKLER SPACING PER NFPA 13 REQUIREMENTS, TYPICAL.

ALL SPACES TO BE PROTECTED AS LIGHT HAZARD UNLESS NOTED OTHERWISE.

**NO ED PLUMBING DEMOLITION
FOR REFERENCE ONLY**

- KEYNOTES
- 1 EXISTING SHOWN LIGHT TO REMAIN. ITEMS SHOWN DARK AND CROSSED OUT TO BE DEMOLISHED
 - 2 PLUMBING SHOWN IS IN THE CEILING SPACE OF LEVEL 1.
 - 3 NEW CONNECTION INTO EXISTING WASTE LINE HERE.
 - 4 DEMOLISH PIPING SHOWN CROSSED OUT.

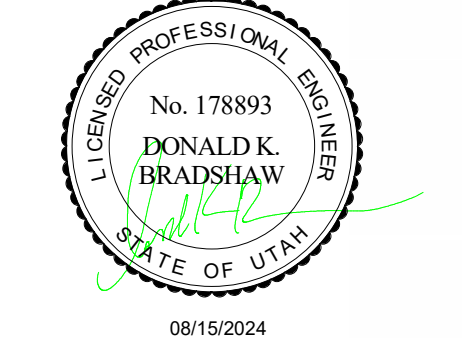
HKS

ARCHITECT
HKS ARCHITECTS, INC.
222 SOUTH MAIN, SUITE 230
SALT LAKE CITY, UT 84101

STRUCTURAL ENGINEER
REAVELEY ENGINEERS & ASSOCIATES
675 EAST 500 SOUTH, SUITE 400
SALT LAKE CITY, UTAH 84102

MECHANICAL ENGINEER
VAN BOERUM & FRANK ASSOCIATES, INC.
181 EAST 5600 SOUTH, SUITE 130
MURRAY, UTAH 84107

ELECTRICAL ENGINEER
SPECTRUM ENGINEERS, INC.
324 SOUTH STATE STREET, SUITE 400
SALT LAKE CITY, UTAH 84111



**LAYTON HOSPITAL
MISC PROJECTS**

KEY PLAN

REVISION
NO. DESCRIPTION DATE

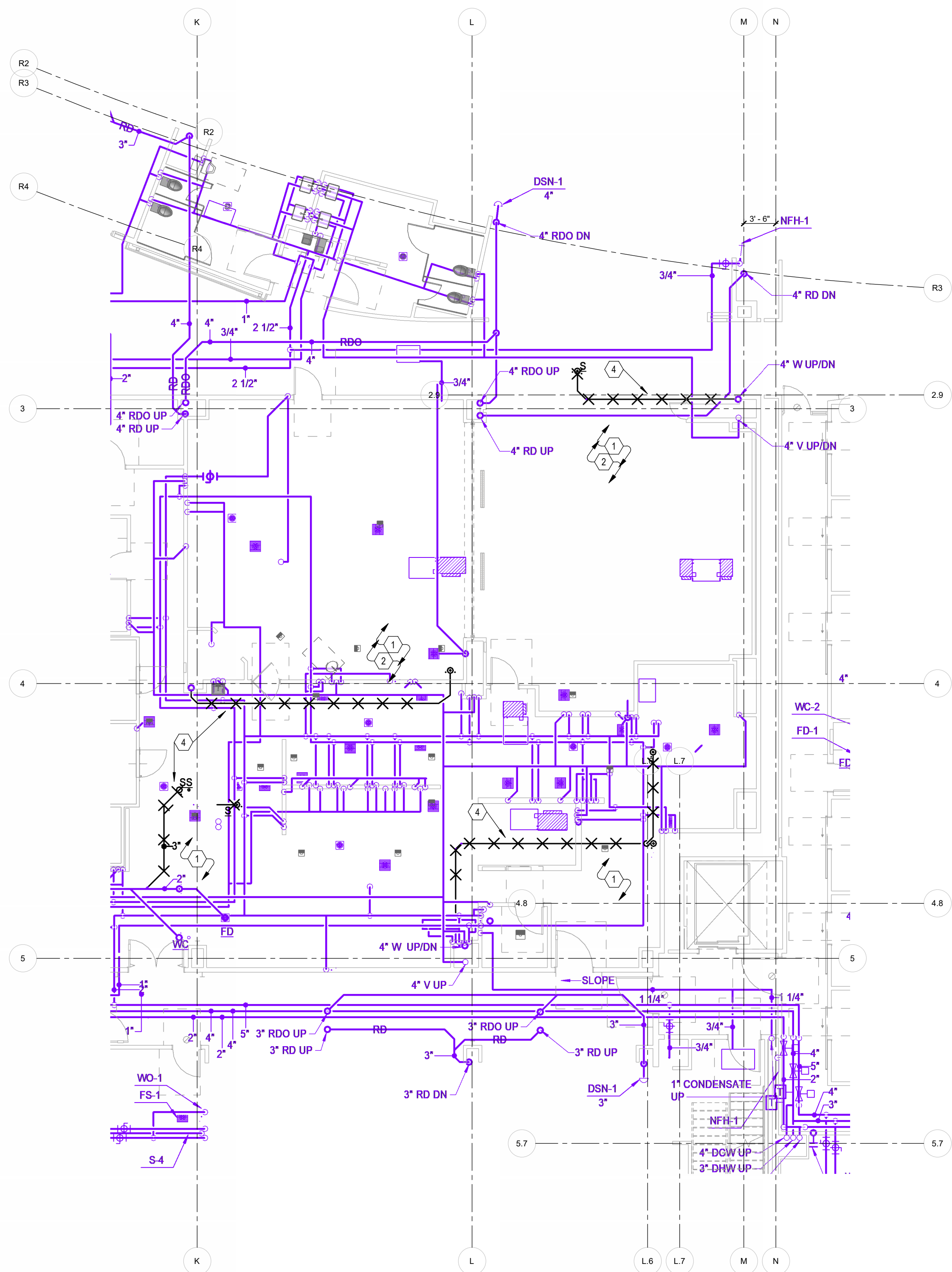
HKS PROJECT NUMBER
26404.000

DATE
08/15/2024

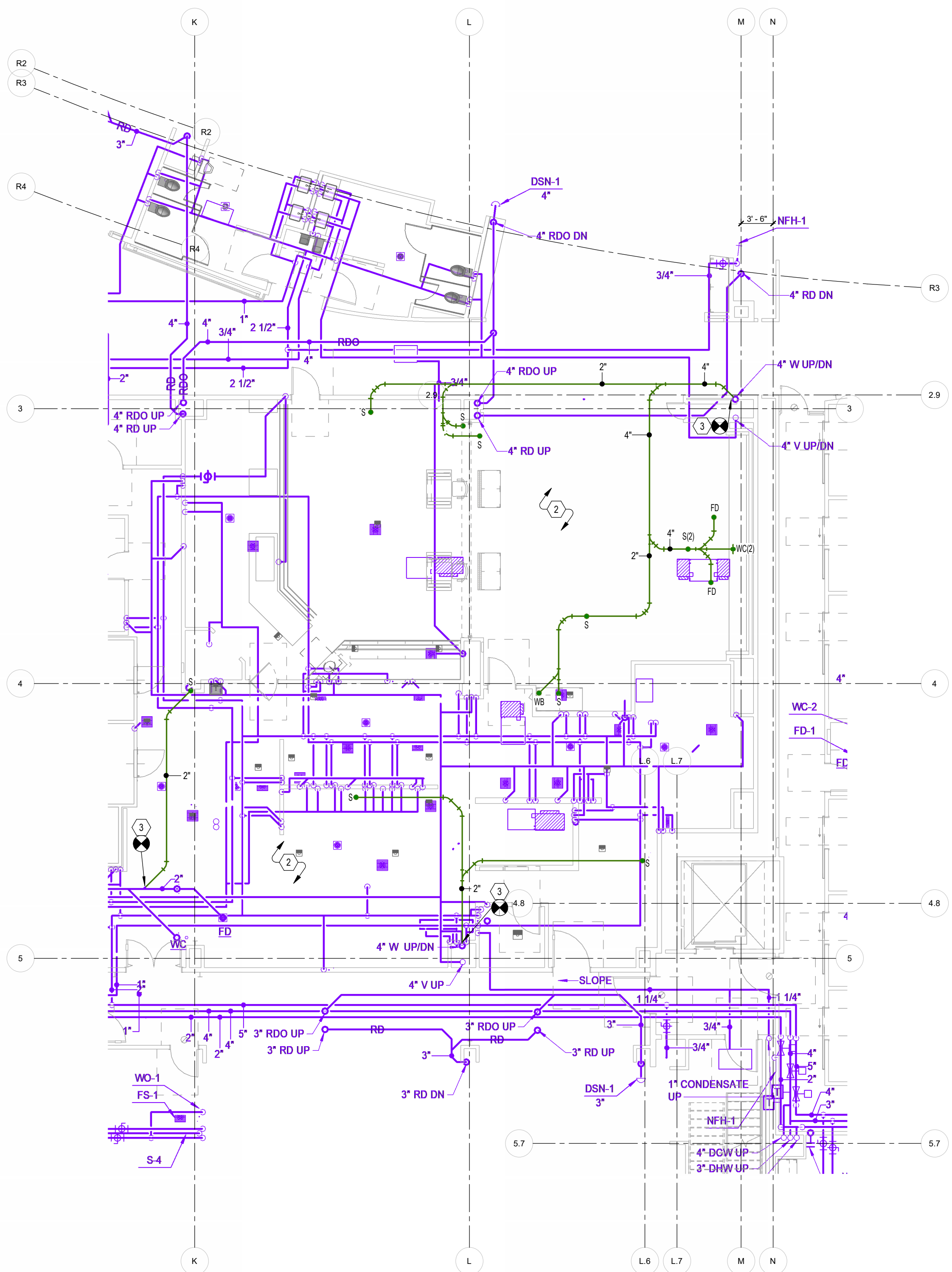
ISSUE
**CONSTRUCTION
DOCUMENTS
INFUSION
PLUMBING
UNDERFLOOR
PLANS**

P2.10

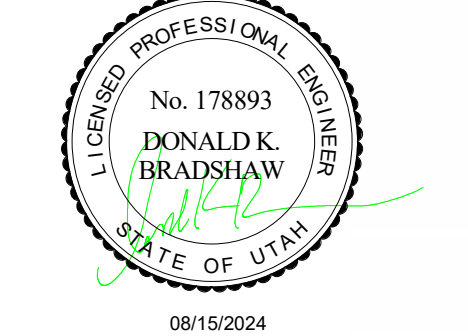
VBFA
181 East 5600 South
Murray, Utah 84107
P: (801) 530-3145
www.vbfa.com
VBFA Project #: 240108
© 2018 HKS, INC.



1 LEVEL 1 PLUMBING DEMOLITION PLAN
1/8" = 1'-0"



2 LEVEL 1 PLUMBING PLAN
1/8" = 1'-0"



LAYTON HOSPITAL MISC PROJECTS

KEY PLAN

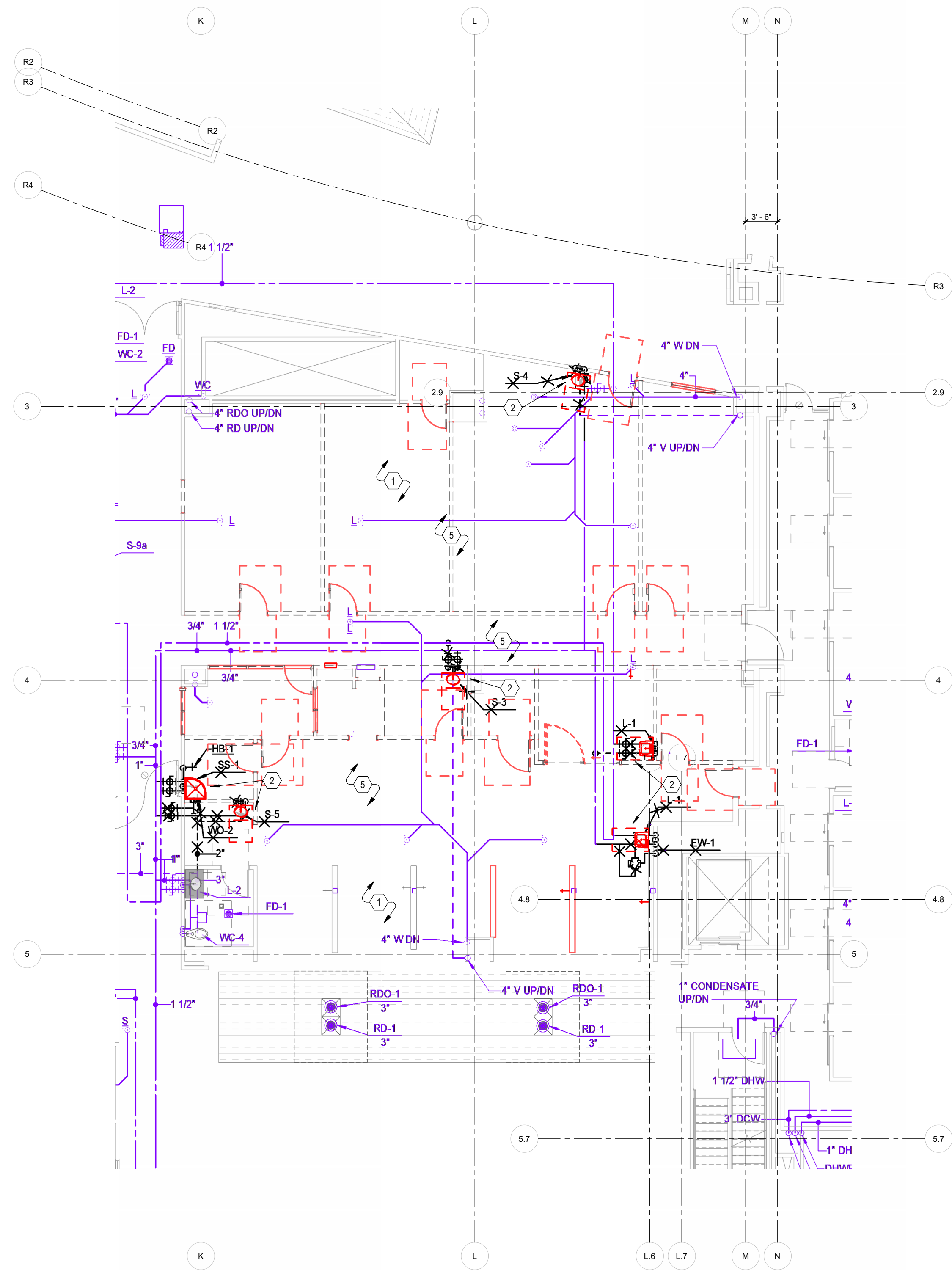
REVISION NO.	DESCRIPTION	DATE

HKS PROJECT NUMBER
26404.000
DATE
08/15/2024
ISSUE
CONSTRUCTION DOCUMENTS
SHEET TITLE
INFUSION PLUMBING PLANS

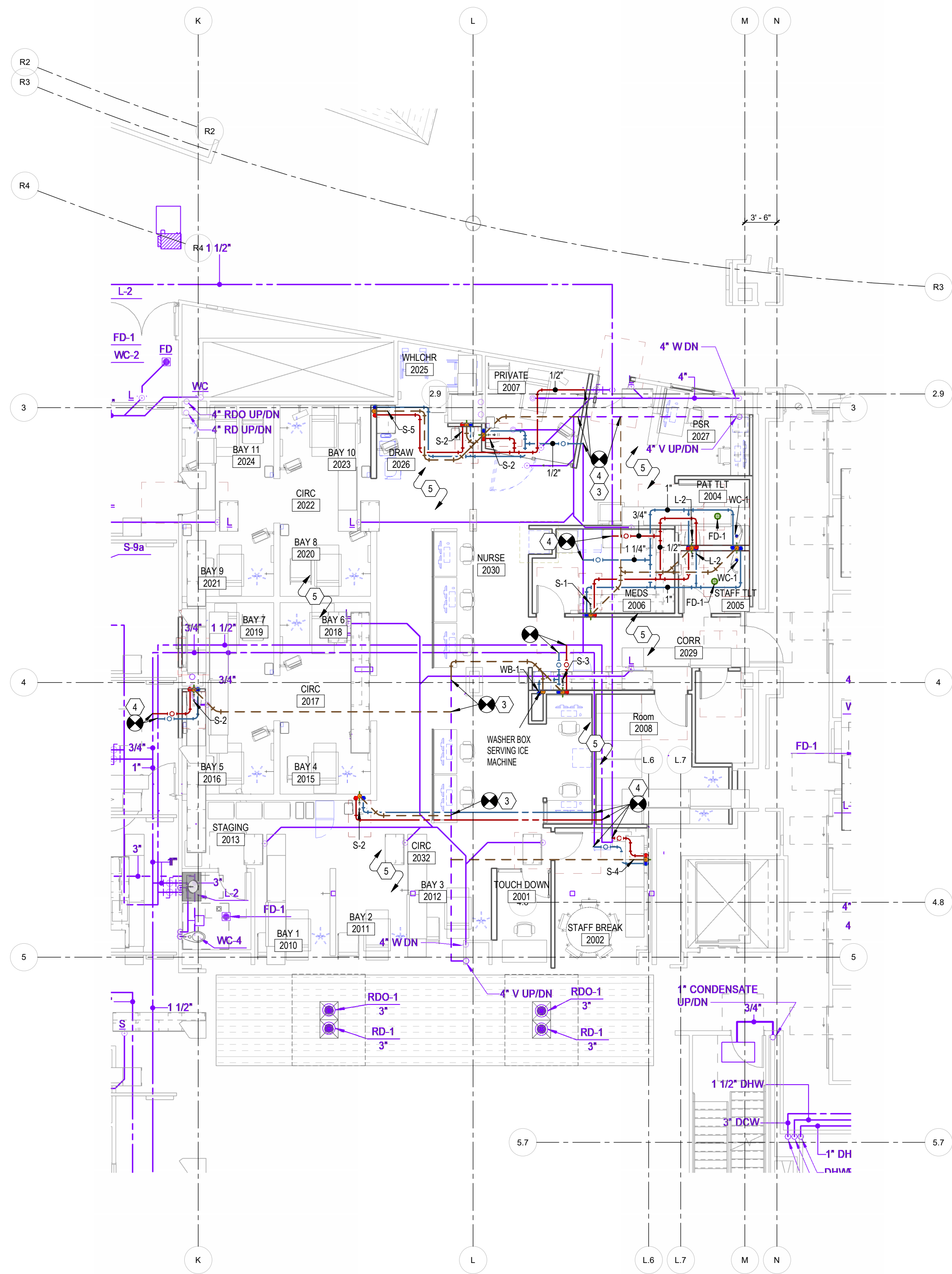
SHEET NO.

P2.11

- KEYNOTES**
- EXISTING SHOWN LIGHT TO REMAIN. ITEMS SHOWN DARK AND CROSSED OUT TO BE DEMOLISHED.
 - EXISTING WATER, WASTE, AND VENT LINES SERVING FIXTURE TO BE DEMOLISHED BACK AS FAR AS POSSIBLE.
 - NEW CONNECTION INTO EXISTING VENT LINE HERE.
 - NEW CONNECTION INTO EXISTING DOMESTIC HOT AND COLD WATER LINES HERE.
 - MODIFY SPRINKLER LAYOUT AS REQUIRED TO PROVIDE FULL COVERAGE FOR NEW LAYOUT. EXISTING SPRINKLERS MAY BE RELOCATED AS REQUIRED. TYPICAL.



1 INFUSION PLUMBING DEMOLITION PLAN
1/8" = 1'-0"



2 INFUSION PLUMBING REMODEL PLAN
1/8" = 1'-0"

KEYNOTES

1 SHELLED SPACE TO HAVE SPRINKLER DROPS INSTALLED ON EXISTING OUTLETS OR MECHANICAL TEES AS NECESSARY TO PROVIDE COVERAGE PER NFPA 13 REQUIREMENTS. SPRINKLERS TO MATCH THOSE IN ADJACENT FINISHED SPACES. COORDINATE WITH ARCHITECT TO AVOID OBSTRUCTION BY OVERHEAD SURGICAL APPARATUS. TYPICAL.

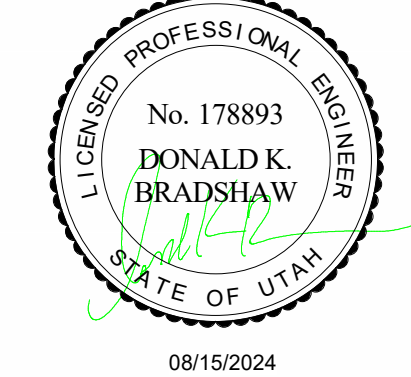
HKS

ARCHITECT
HKS ARCHITECTS, INC.
222 SOUTH MAIN, SUITE 230
SALT LAKE CITY, UT 84101

STRUCTURAL ENGINEER
REAVELEY ENGINEERS & ASSOCIATES
675 EAST 500 SOUTH, SUITE 400
SALT LAKE CITY, UTAH 84102

MECHANICAL ENGINEER
VAN BOERUM & FRANK ASSOCIATES, INC.
181 EAST 5600 SOUTH, SUITE 130
MURRAY, UTAH 84107

ELECTRICAL ENGINEER
SPECTRUM ENGINEERS, INC.
324 SOUTH STATE STREET, SUITE 400
SALT LAKE CITY, UTAH 84111



LAYTON HOSPITAL
MISC PROJECTS

KEY PLAN

REVISION NO.	DESCRIPTION	DATE

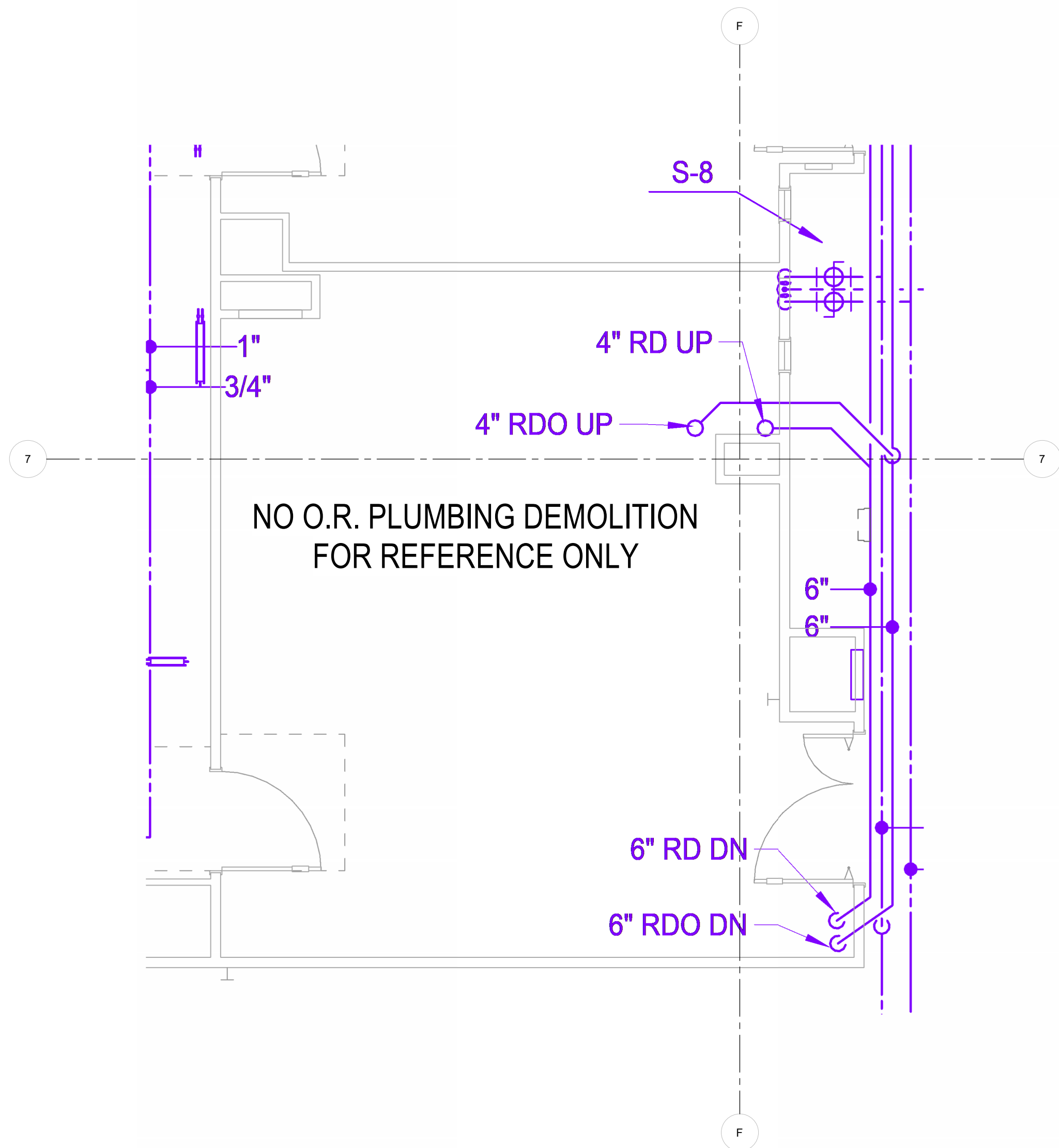
HKS PROJECT NUMBER
26404.000
DATE
08/15/2024
ISSUE
**CONSTRUCTION DOCUMENTS
OR PLUMBING PLANS**

SHEET NO.

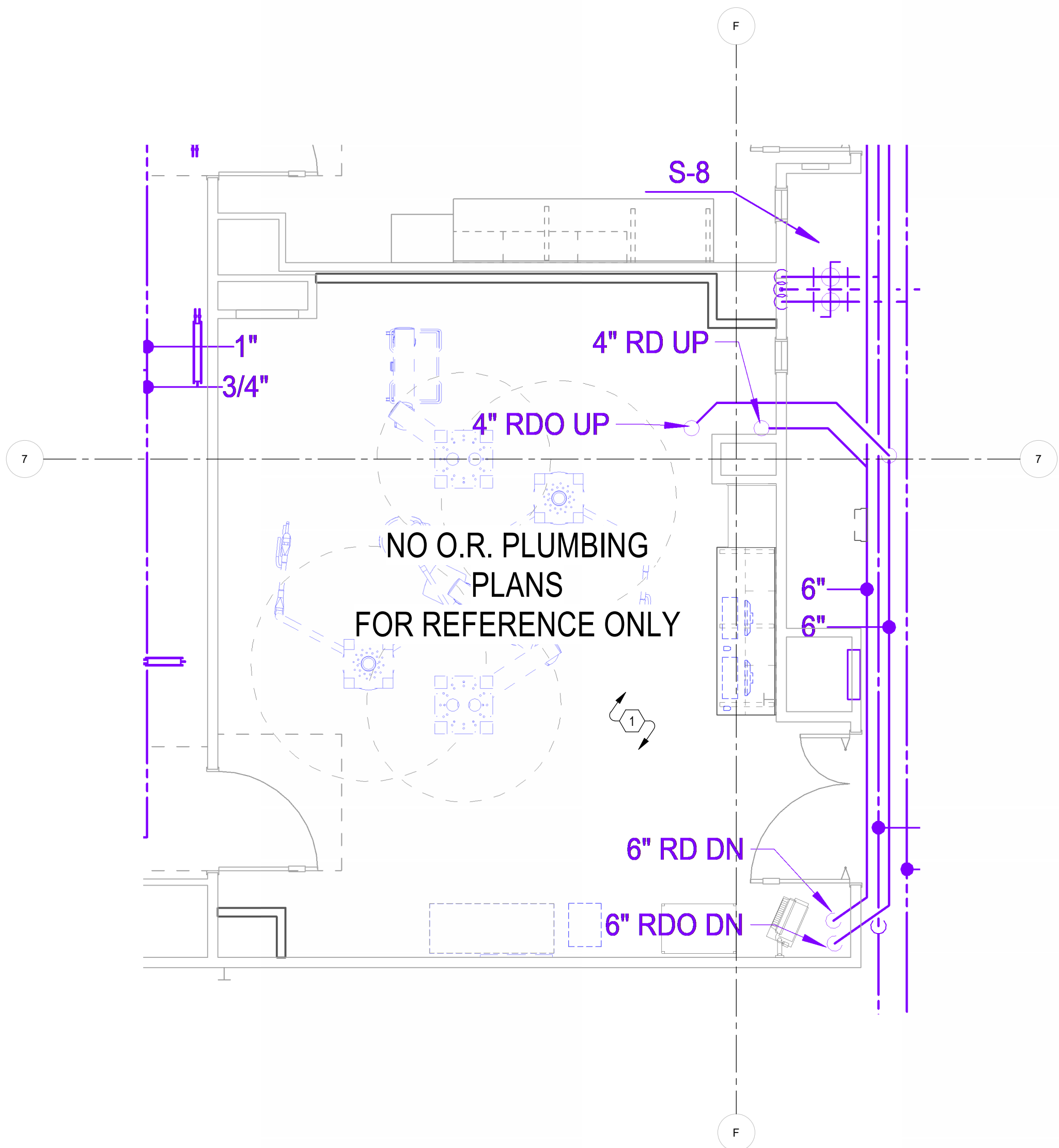
P2.13

VBFA
181 East 5600 South
Murray, Utah 84107
O: (801) 530-3148
www.vbfa.com
VBFA Project #: 240108

© 2008 HKS, INC.



1 O.R. PLUMBING DEMOLITION PLAN
1/4" = 1'-0"



2 O.R. PLUMBING PLAN
1/4" = 1'-0"

ARCHITECT

HKS ARCHITECTS, INC.
222 SOUTH MAIN, SUITE 230
SALT LAKE CITY, UT 84101

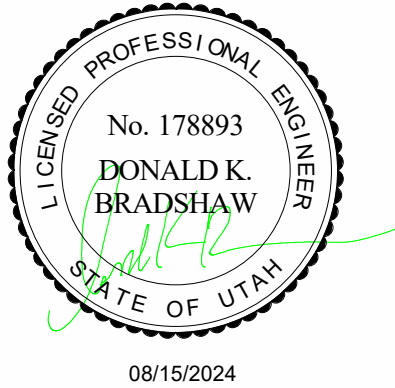
STRUCTURAL ENGINEER

REAVELEY ENGINEERS & ASSOCIATES
675 EAST 500 SOUTH, SUITE 400
SALT LAKE CITY, UTAH 84102

MECHANICAL ENGINEER

VAN BOERUM & FRANK ASSOCIATES, INC.
181 EAST 5600 SOUTH, SUITE 130
MURRAY, UTAH 84107

ELECTRICAL ENGINEER

SPECTRUM ENGINEERS, INC.
324 SOUTH STATE STREET, SUITE 400
SALT LAKE CITY, UTAH 84111LAYTON HOSPITAL
MISC PROJECTS

KEY PLAN

REVISION
NO. DESCRIPTION DATE

HKS PROJECT NUMBER

26404.000

DATE

08/15/2024

ISSUE

CONSTRUCTION

DOCUMENTS

SHEET TITLE

CONFERENCE

ROOM PLUMBING

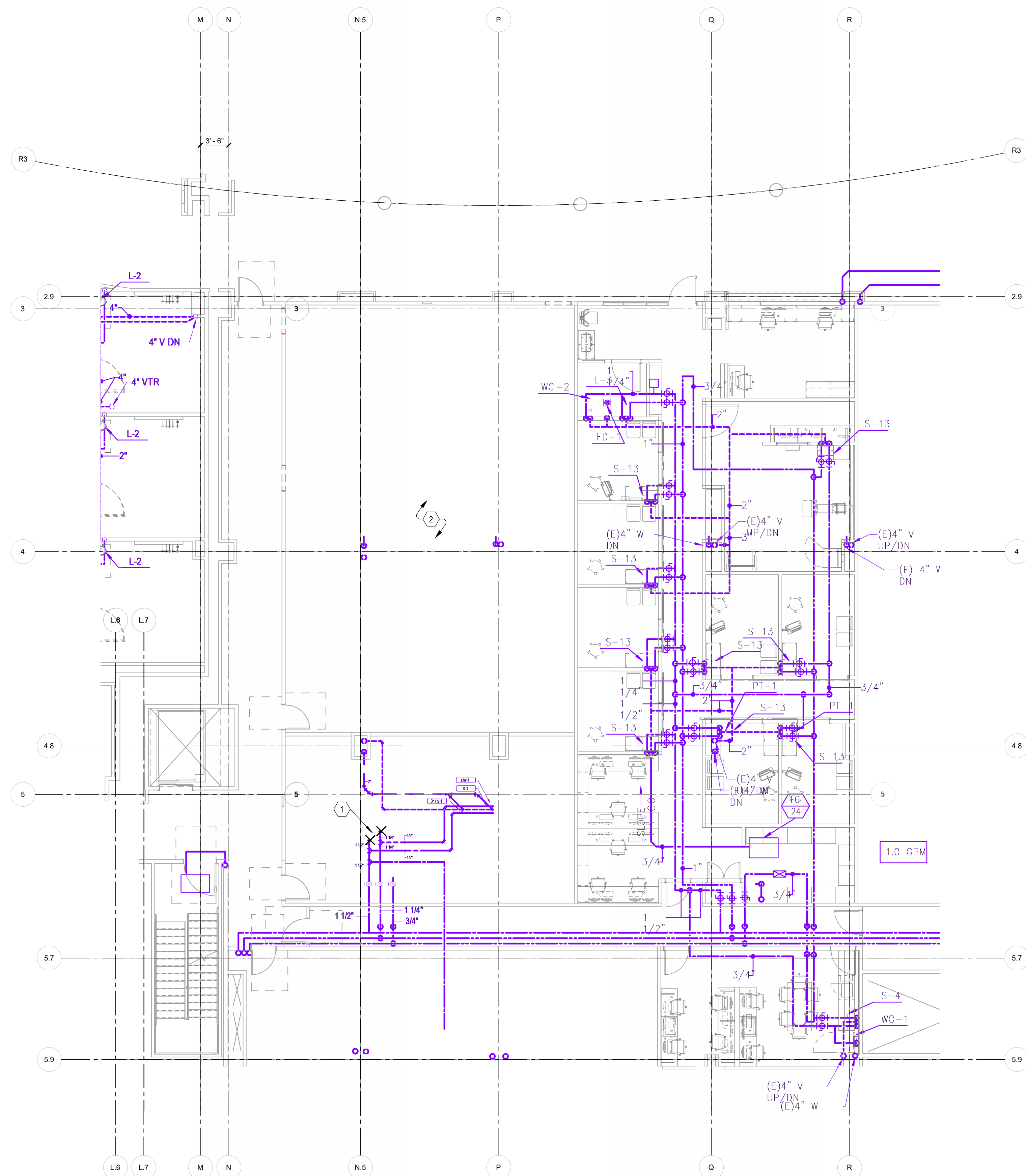
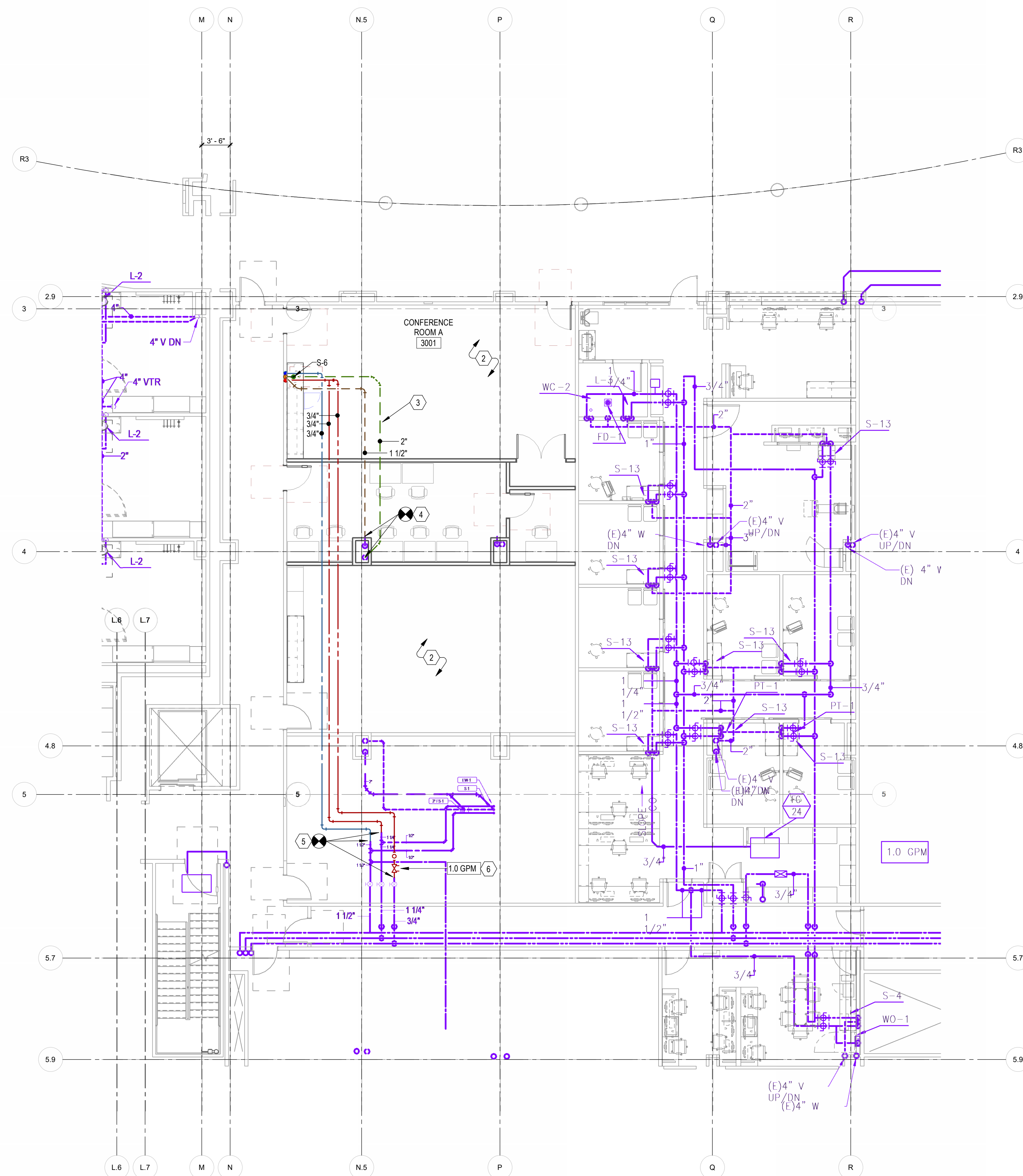
PLAN

SHEET NO.

P2.14

KEYNOTES

- 1 REMOVE CAPS ON EXISTING PIPING FOR NEW CONNECTIONS.
- 2 MODIFY EXISTING SPRINKLER LOCATIONS WHERE REQUIRED TO PROVIDE COMPLETE COVERAGE AND MAINTAIN SPRINKLER SPACING PER NFPA 13 REQUIREMENTS. TYPICAL.
- 3 WASTE LINE SERVING NEW SINK UNDERFLOOR.
- 4 NEW CONNECTION TO EXISTING WASTE AND VENT RISERS.
- 5 NEW CONNECTION TO EXISTING DOMESTIC HOT, COLD, AND HOT RECIRC.
- 6 CALIBRATE CIRCUIT SETTER BALANCING VALVE. BALANCE TO FLOW INDICATED.

**1 LEVEL 3 CONFERENCE ROOM PLUMBING DEMOLITION PLAN**
1/8" = 1'-0"**2 LEVEL 3 CONFERENCE ROOM PLUMBING PLAN**
1/8" = 1'-0"

ARCHITECT

HKS ARCHITECTS, INC.
222 SOUTH MAIN, SUITE 230
SALT LAKE CITY, UT 84101

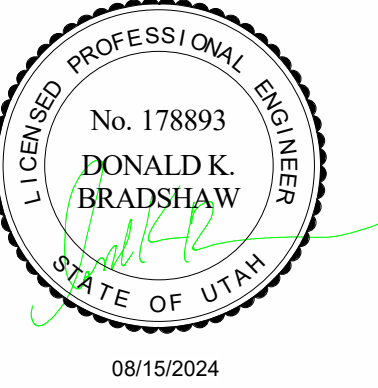
STRUCTURAL ENGINEER

REAVELEY ENGINEERS & ASSOCIATES
675 EAST 500 SOUTH, SUITE 400
SALT LAKE CITY, UTAH 84102

MECHANICAL ENGINEER

VAN BOERUM & FRANK ASSOCIATES, INC.
181 EAST 5600 SOUTH, SUITE 130
MURRAY, UTAH 84107

ELECTRICAL ENGINEER

SPECTRUM ENGINEERS, INC.
324 SOUTH STATE STREET, SUITE 400
SALT LAKE CITY, UTAH 84111LAYTON HOSPITAL
MISC PROJECTS

KEY PLAN

REVISION
NO. DESCRIPTION DATE

HKS PROJECT NUMBER

26404.000

DATE

08/15/2024

ISSUE

CONSTRUCTION

DOCUMENTS

SHEET TITLE

ED MED GAS

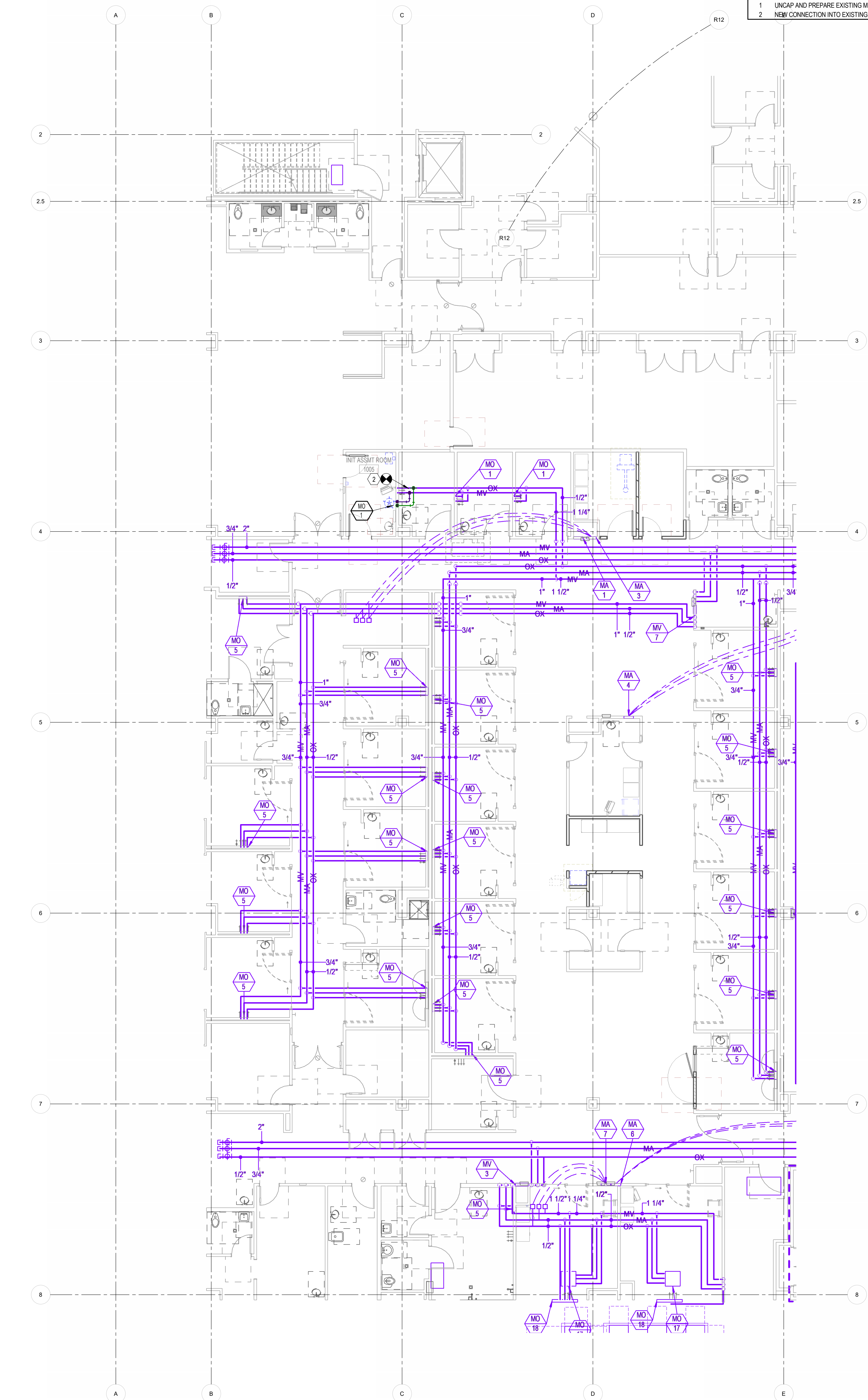
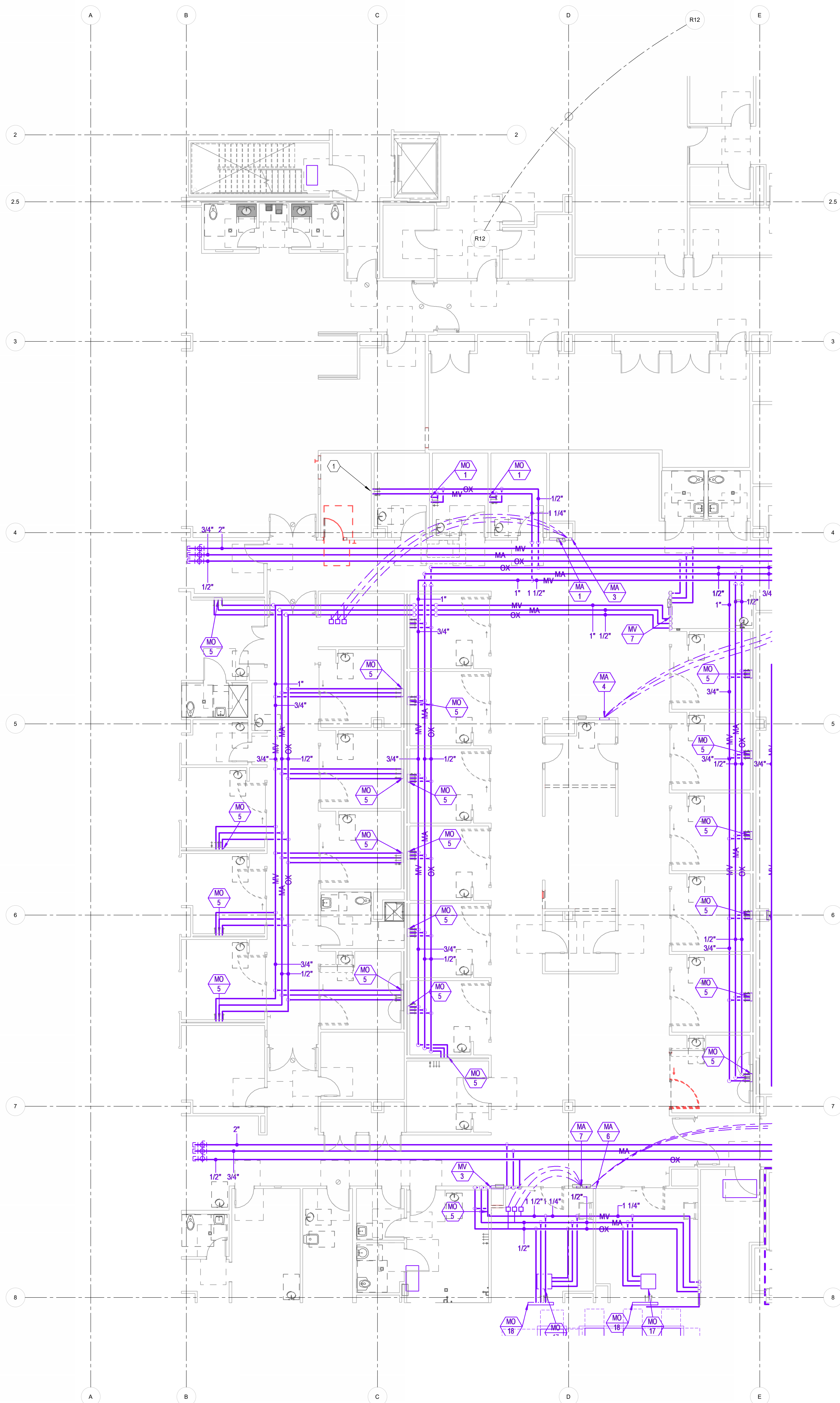
PLANS

SHEET NO.

MG2.03

KEYNOTES

- 1 UNCAP AND PREPARE EXISTING MED GAS PIPING FOR NEW CONNECTION.
- 2 NEW CONNECTION INTO EXISTING MED GASSES.



HKS

ARCHITECT

HKS ARCHITECTS, INC.
222 SOUTH MAIN, SUITE 230
SALT LAKE CITY, UT 84101

STRUCTURAL ENGINEER

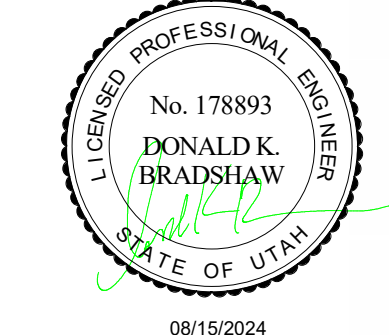
REAVELEY ENGINEERS & ASSOCIATES
675 EAST 500 SOUTH, SUITE 400
SALT LAKE CITY, UTAH 84102

MECHANICAL ENGINEER

VAN BOERUM & FRANK ASSOCIATES, INC.
181 EAST 5600 SOUTH, SUITE 130
MURRAY, UTAH 84107

ELECTRICAL ENGINEER

SPECTRUM ENGINEERS, INC.
324 SOUTH STATE STREET, SUITE 400
SALT LAKE CITY, UTAH 84111



LAYTON HOSPITAL
MISC PROJECTS

KEY PLAN

REVISION
NO. DESCRIPTION DATE

HKS PROJECT NUMBER
26404.000

DATE
08/15/2024

ISSUE
**CONSTRUCTION
DOCUMENTS**

SHEET TITLE
INFUSION MED GAS PLANS

SHEET NO.

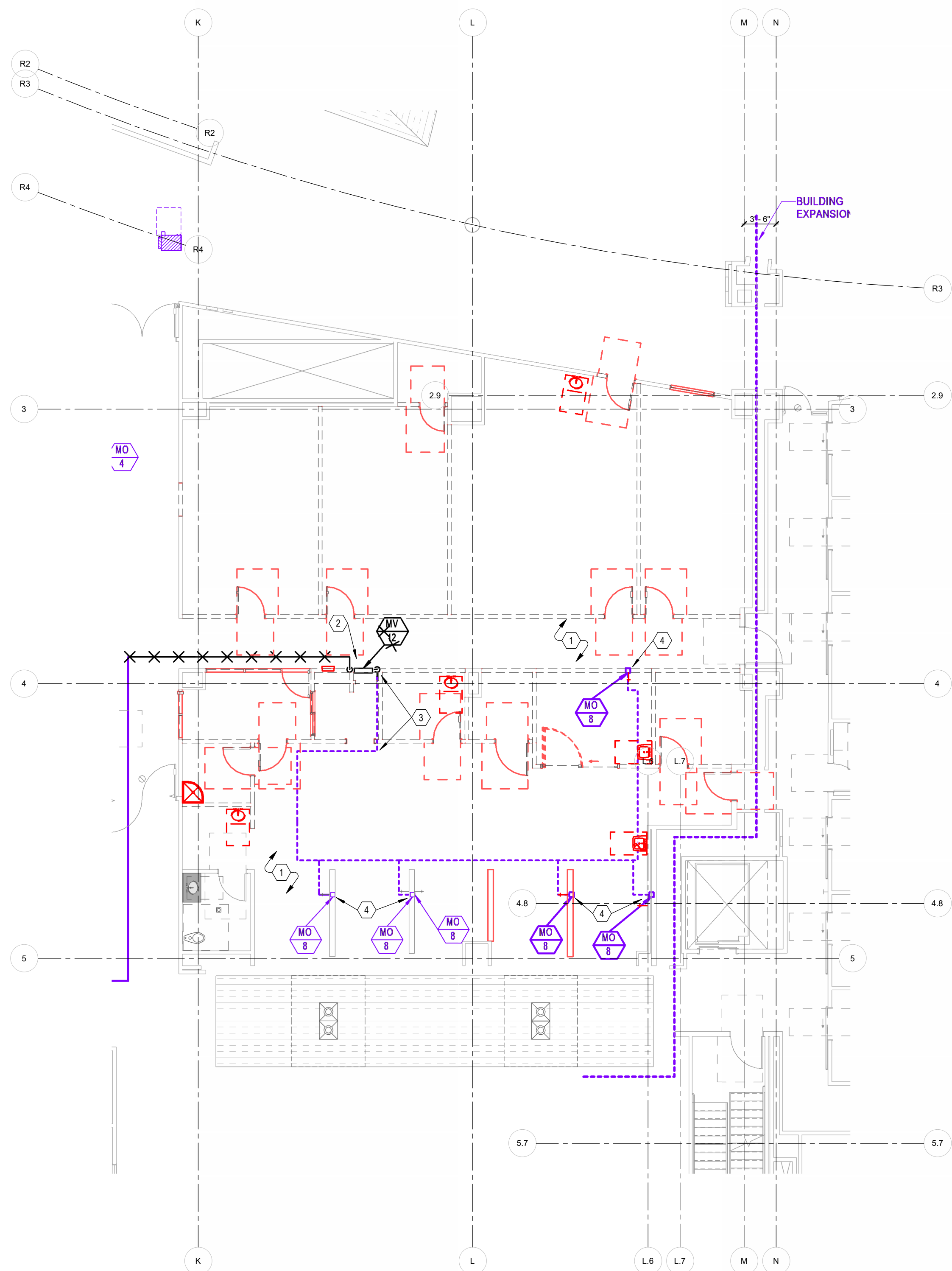
MG2.11A

181 East 5600 South
Murray, Utah 84107
P: (801) 530-3145
www.vbfa.com
VBFA Project #: 240108
© 2018 HKS, INC.

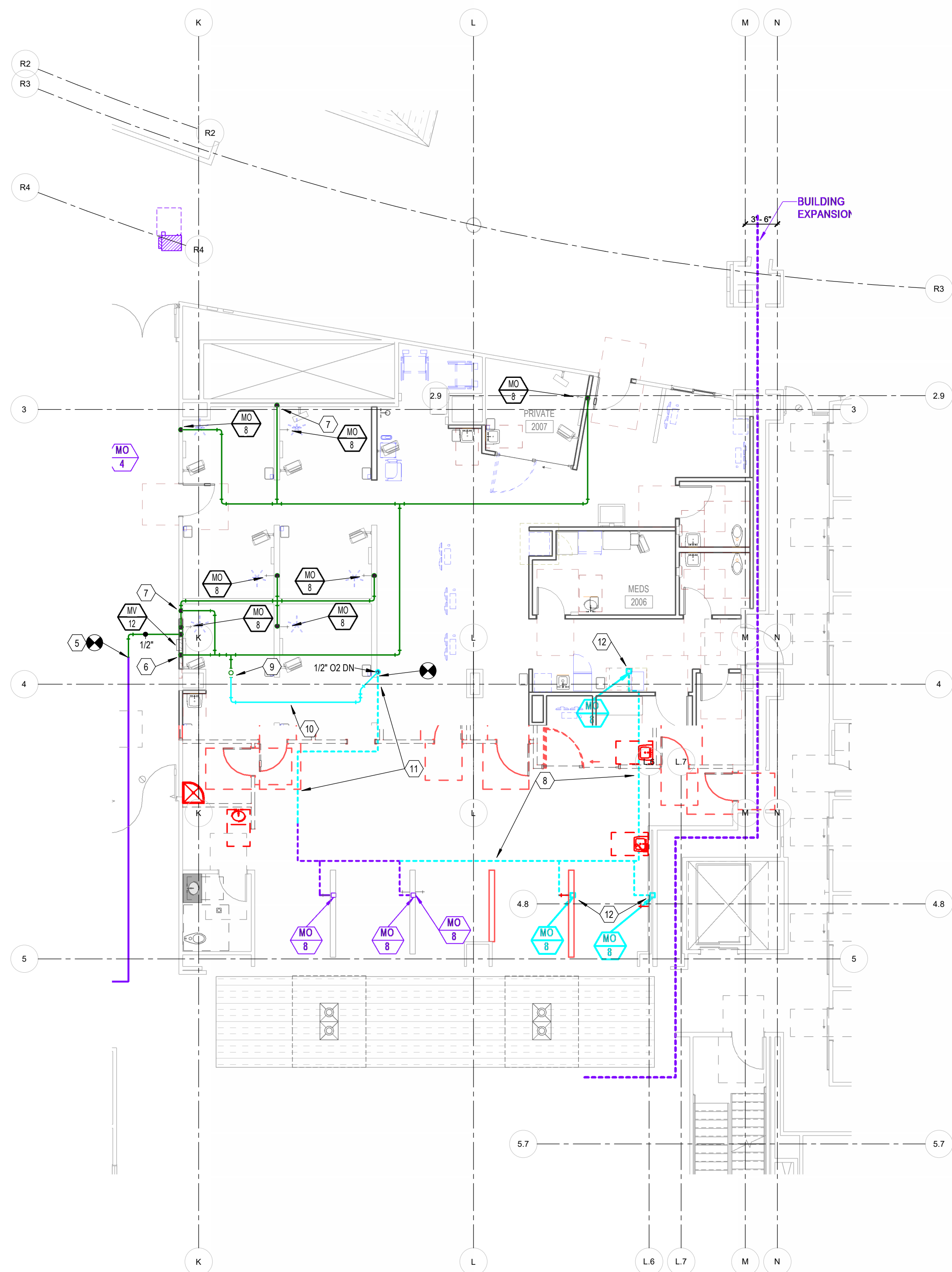


KEYNOTES

- 1 EXISTING SHOWN LIGHT TO REMAIN. ITEMS SHOWN DARK AND CROSSED OUT TO BE DEMOLISHED.
- 2 DEMOLISH EXISTING MED GAS VALVE BOX.
- 3 PIPE DROP TO LEVEL BELOW AND PIPING IN CEILING SPACE OF LEVEL BELOW SHALL REMAIN CONNECTED TO REMAINING OUTLETS FOR SYSTEM TO FUNCTION DURING PHASE 1 CONSTRUCTION.
- 4 EXISTING MED GAS OUTLETS TO REMAIN DURING PHASE 1 CONSTRUCTION.
- 5 NEW CONNECTION INTO EXISTING OXYGEN LINE HERE.
- 6 ALL PIPING DOWNSTREAM OF VALVE BOX SHALL BE 1/2" DIA.
- 7 DROP DOWN IN FULL HEIGHT WALL AND RUN HORIZONTALLY IN HALF HEIGHT WALLS TO MED GAS OUTLETS.
- 8 DEMOLISH THIS PORTION OF PIPING IN CEILING SPACE OF LEVEL BELOW AT THE COMMENCEMENT OF PHASE 2.
- 9 PROVIDE LOCKABLE MEDICAL GAS SHUT-OFF VALVE WITH FRANGIBLE LOCK ABOVE CEILING. TAG WITH GAS SERVED AND LOCK IN OPEN POSITION. TEMPORARY OX PIPING TO BE INSTALLED IN PHASE 1 AND DEMOLISHED IN PHASE 2.
- 10 DEMOLISH THIS PORTION OF EXISTING PIPING IN CEILING SPACE OF LEVEL BELOW DURING PHASE 2 CONSTRUCTION.
- 11 DEMOLISH EXISTING MED GAS OUTLET AT COMMENCEMENT OF PHASE 2 CONSTRUCTION.
- 12 DEMOLISH EXISTING MED GAS OUTLET AT COMMENCEMENT OF PHASE 2 CONSTRUCTION.

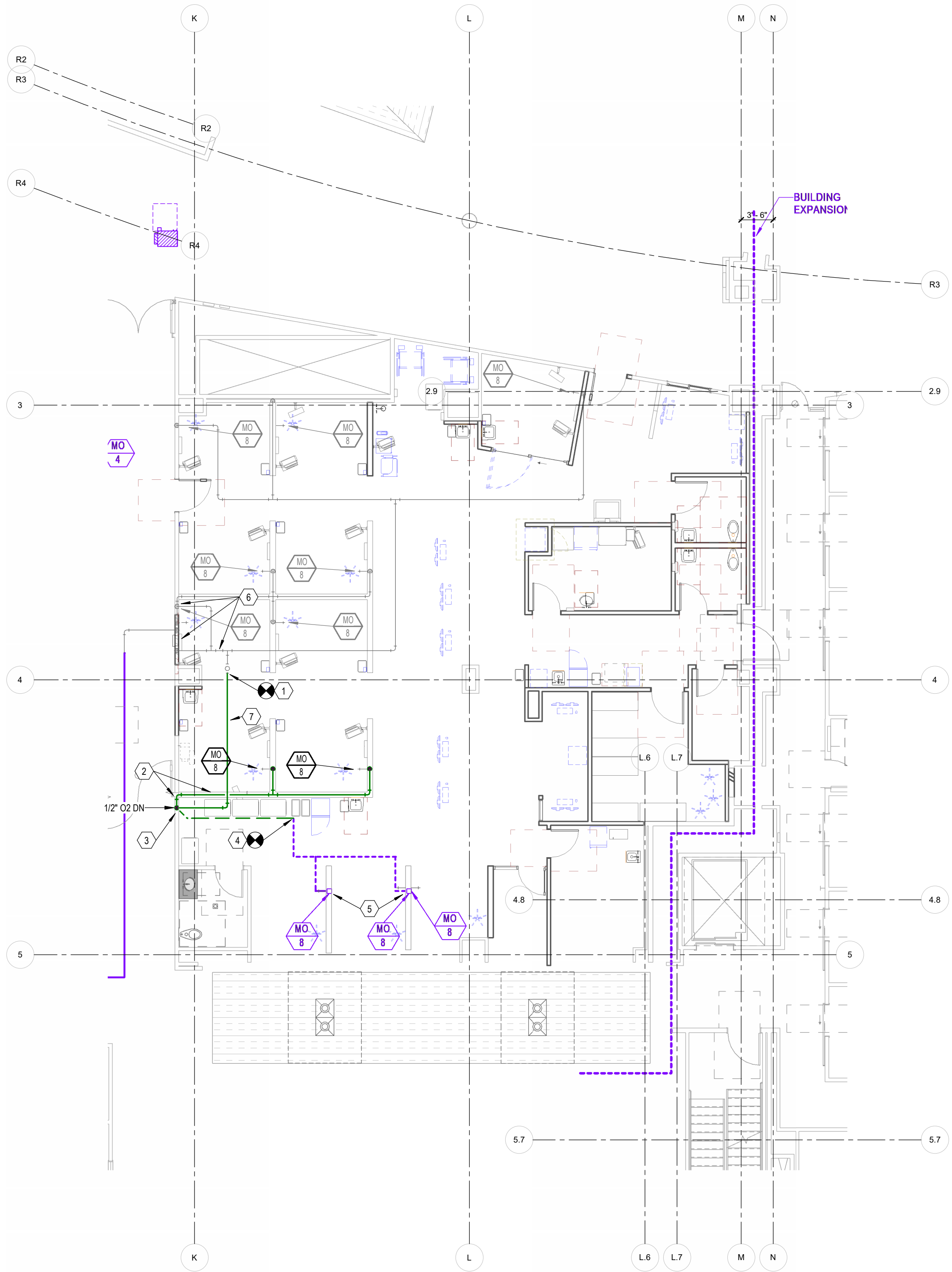


1 INFUSION MED GAS DEMOLITION PHASE 1 PLAN
1/8" = 1'-0"



2 INFUSION MED GAS PHASE 1 PLAN
1/8" = 1'-0"

- KEYNOTES
1. CONNECT INTO REMAINING PIPING INSTALLED IN PHASE 1 AND EXTEND AS SHOWN.
 2. DROP DOWN IN FULL HEIGHT WALL AND RUN HORIZONTALLY IN HALF HEIGHT WALLS TO MED GAS OUTLETS.
 3. IN DROP, EXTEND PIPING TO LEVEL BELOW TO CONNECT TO EXISTING PIPING IN CEILING SPACE OF LEVEL BELOW.
 4. NEW CONNECTION TO EXISTING MED GAS PIPING IN CEILING SPACE OF LEVEL BELOW.
 5. EXISTING MED GAS OUTLETS TO REMAIN.
 6. GRAYED OUT PIPING AND EQUIPMENT IN THIS AREA WAS INSTALLED DURING PHASE 1 CONSTRUCTION.
 7. ALL NEW PIPING DOWNSTREAM OF VALVE SHALL BE 1/2".



2 INFUSION MED GAS REMODEL PHASE 2 PLAN
1/8" = 1'-0"

HKS

ARCHITECT

HKS ARCHITECTS, INC.
222 SOUTH MAIN, SUITE 230
SALT LAKE CITY, UT 84101

STRUCTURAL ENGINEER

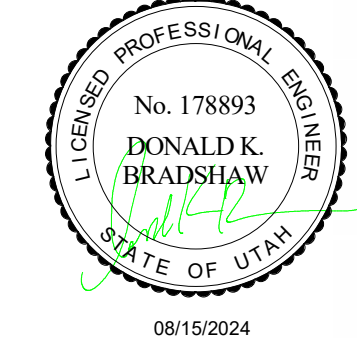
REAVELEY ENGINEERS & ASSOCIATES
675 EAST 500 SOUTH, SUITE 400
SALT LAKE CITY, UTAH 84102

MECHANICAL ENGINEER

VAN BOERUM & FRANK ASSOCIATES, INC.
181 EAST 5600 SOUTH, SUITE 130
MURRAY, UTAH 84107

ELECTRICAL ENGINEER

SPECTRUM ENGINEERS, INC.
324 SOUTH STATE STREET, SUITE 400
SALT LAKE CITY, UTAH 84111



**LAYTON HOSPITAL
MISC PROJECTS**

KEY PLAN

REVISION
NO. DESCRIPTION DATE

HKS PROJECT NUMBER
26404.000

DATE
08/15/2024

ISSUE
**CONSTRUCTION
DOCUMENTS
INFUSION MED
GAS PLANS**

SHEET NO.

MG2.11B

VBFA
181 East 5600 South
Murray, Utah 84107
P: (801) 530-3145
www.vbfa.com
VBFA Project #: 240108
© 2008 HKS, INC.

ARCHITECT

HKS ARCHITECTS, INC.
222 SOUTH MAIN, SUITE 230
SALT LAKE CITY, UT 84101

STRUCTURAL ENGINEER

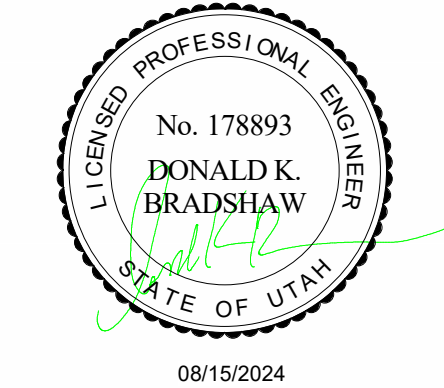
REAVELEY ENGINEERS & ASSOCIATES
675 EAST 500 SOUTH, SUITE 400
SALT LAKE CITY, UTAH 84102

MECHANICAL ENGINEER

VAN BOERUM & FRANK ASSOCIATES, INC.
181 EAST 5600 SOUTH, SUITE 130
MURRAY, UTAH 84107

ELECTRICAL ENGINEER

SPECTRUM ENGINEERS, INC.
324 SOUTH STATE STREET, SUITE 400
SALT LAKE CITY, UTAH 84111



LAYTON HOSPITAL MISC PROJECTS

KEY PLAN

REVISION NO.	DESCRIPTION	DATE
--------------	-------------	------

HKS PROJECT NUMBER

26404.000

DATE

08/15/2024

ISSUE

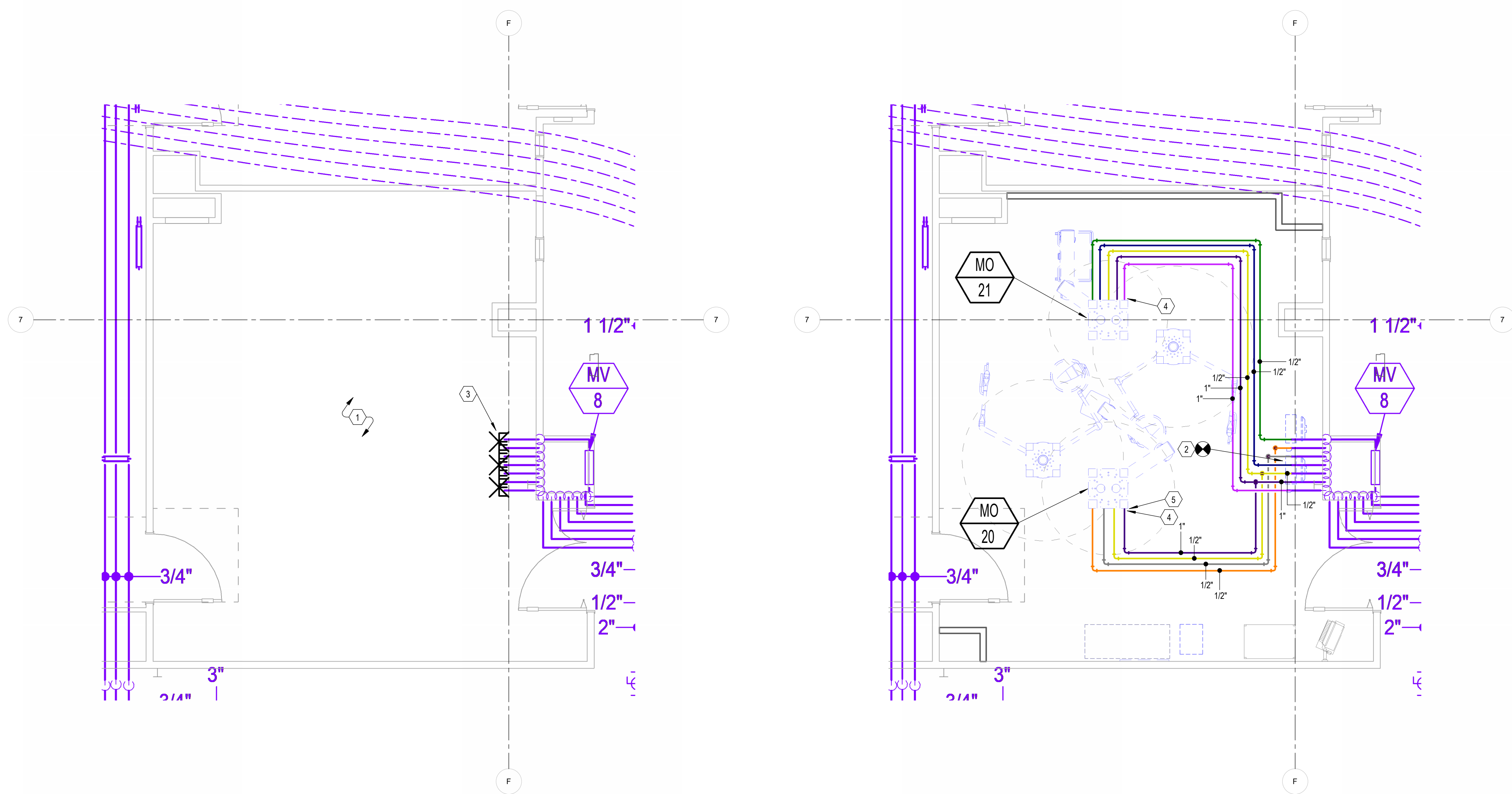
**CONSTRUCTION
DOCUMENTS
OR MED GAS
PLANS**

SHEET NO.

MG2.13

KEYNOTES

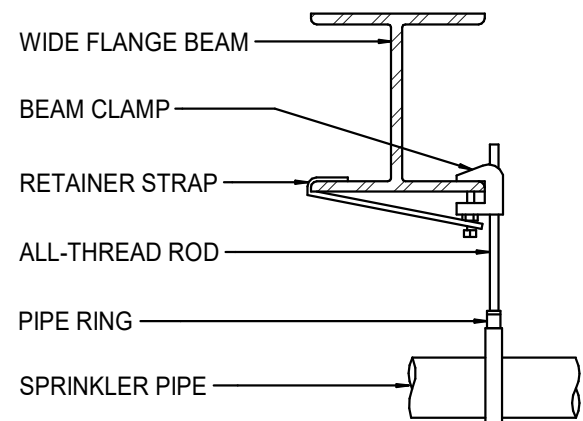
- 1 EXISTING SHOWN LIGHT TO REMAIN. DARK AND CROSSED OUT TO BE DEMOLISHED.
- 2 NEW CONNECTION INTO EXISTING MED GASSES.
- 3 REMOVE EXISTING PIPE CAPS.
- 4 COORDINATE MED GAS CONNECTIONS TO BOOM WITH MANUFACTURER'S RECOMMENDATIONS.
- 5 STUB PIPING OUT TO FUTURE BOOM LOCATION. CAP LINES FOR FUTURE EXTENSION TO BOOM.

**1 OR MEDICAL GAS DEMOLITION PLAN**

1/4" = 1'-0"

2 OR MEDICAL GAS PLAN

1/4" = 1'-0"



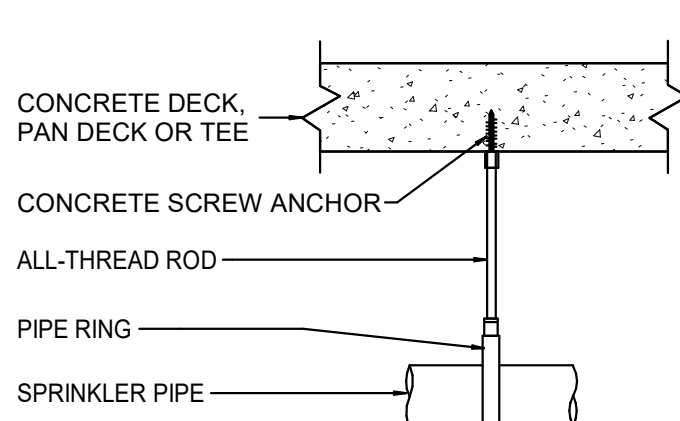
BOTTOM BEAM CLAMP HANGER
NOT TO SCALE

PIPE SIZE	AT-ROD
4 INCHES OR LESS	3/8
6 AND 8 INCHES	1/2
10 AND 12 INCHES	5/8

Per NFPA 13, pipe does not require Lateral Sway Bracing, if rods are less than 6 inches long measured between the top of the pipe and the point of attachment to the building structure.

USE FOR MAINS AND BRANCHLINES

13 P501 **BOTTOM BEAM CLAMP HANGER**
NOT TO SCALE



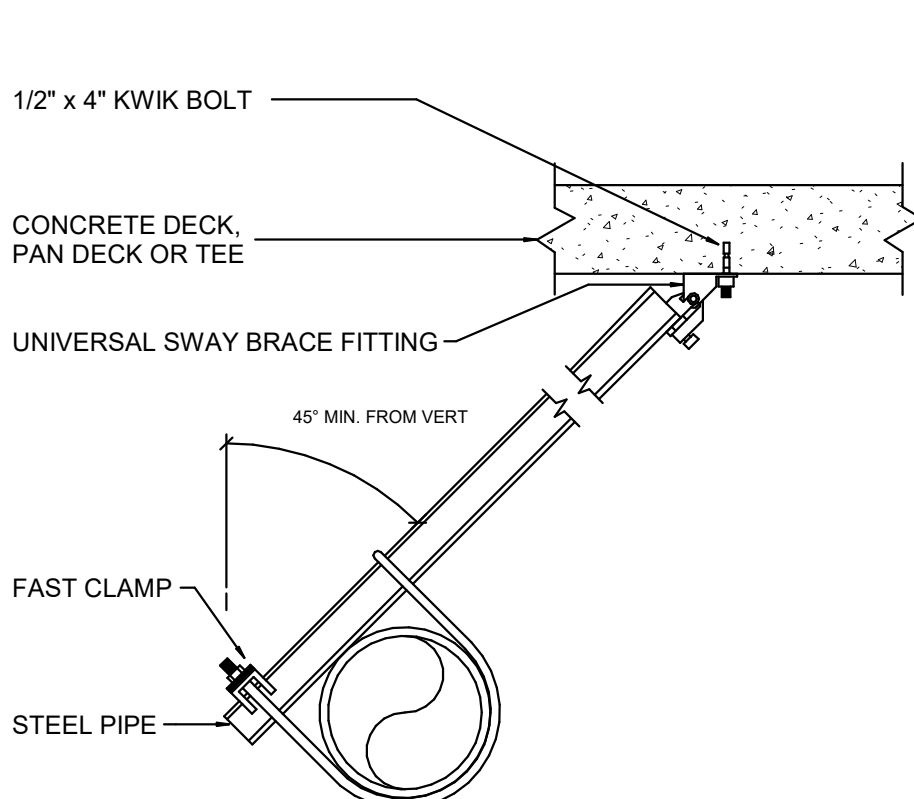
CONCRETE SCREW HANGER
NOT TO SCALE

PIPE SIZE	AT-ROD
4 INCHES OR LESS	3/8
6 AND 8 INCHES	N/A

Per NFPA 13, pipe does not require Lateral Sway Bracing, if rods are less than 6 inches long measured between the top of the pipe and the point of attachment to the building structure.

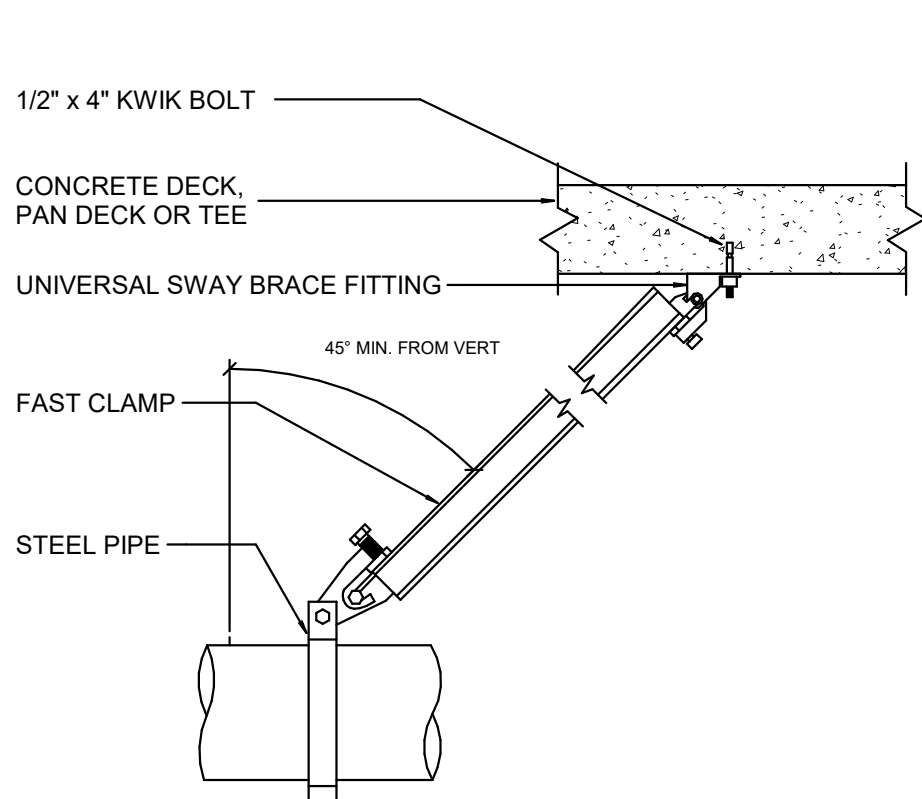
USE FOR MAINS AND BRANCHLINES

12 P501 **CONCRETE SCREW HANGER**
NOT TO SCALE



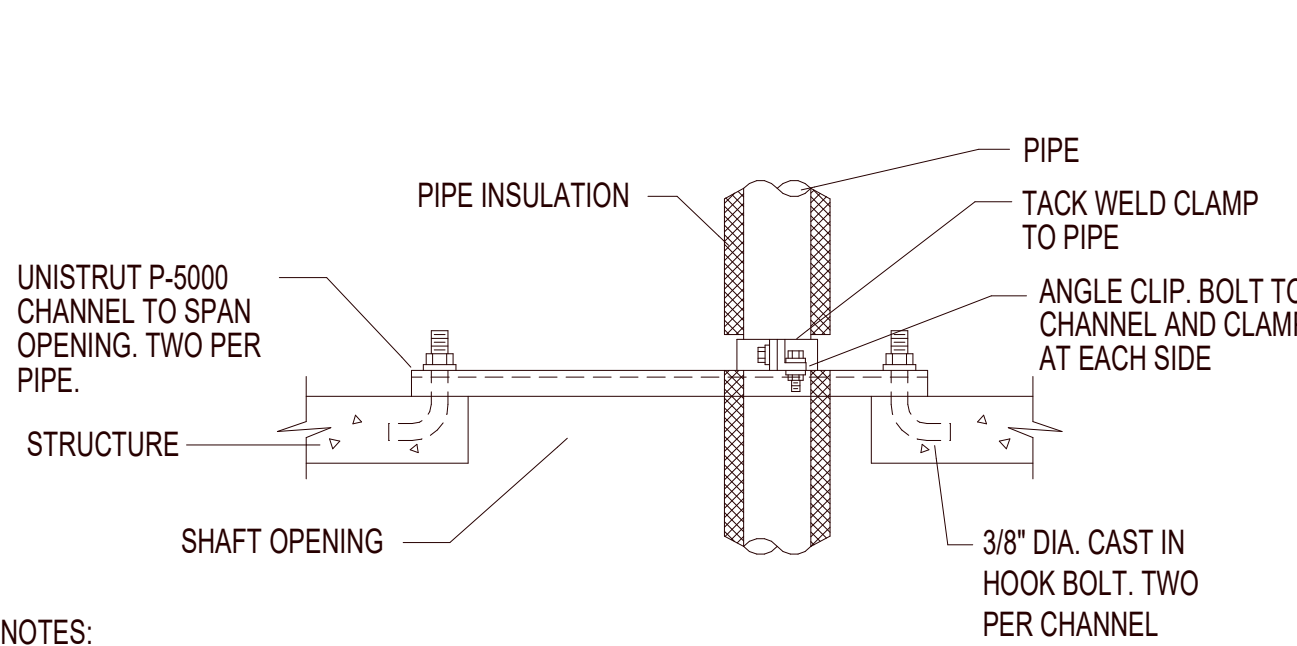
WIDE FLANGE LATERAL SEISMIC BRACE
NOT TO SCALE

10 P501 **CONCRETE SLAB LATERAL SEISMIC BRACING**
NOT TO SCALE



WIDE FLANGE LONGITUDINAL SEISMIC BRACE
NOT TO SCALE

8 P501 **CONCRETE SLAB LONGITUDINAL SEISMIC BRACING**
NOT TO SCALE



NOTES:

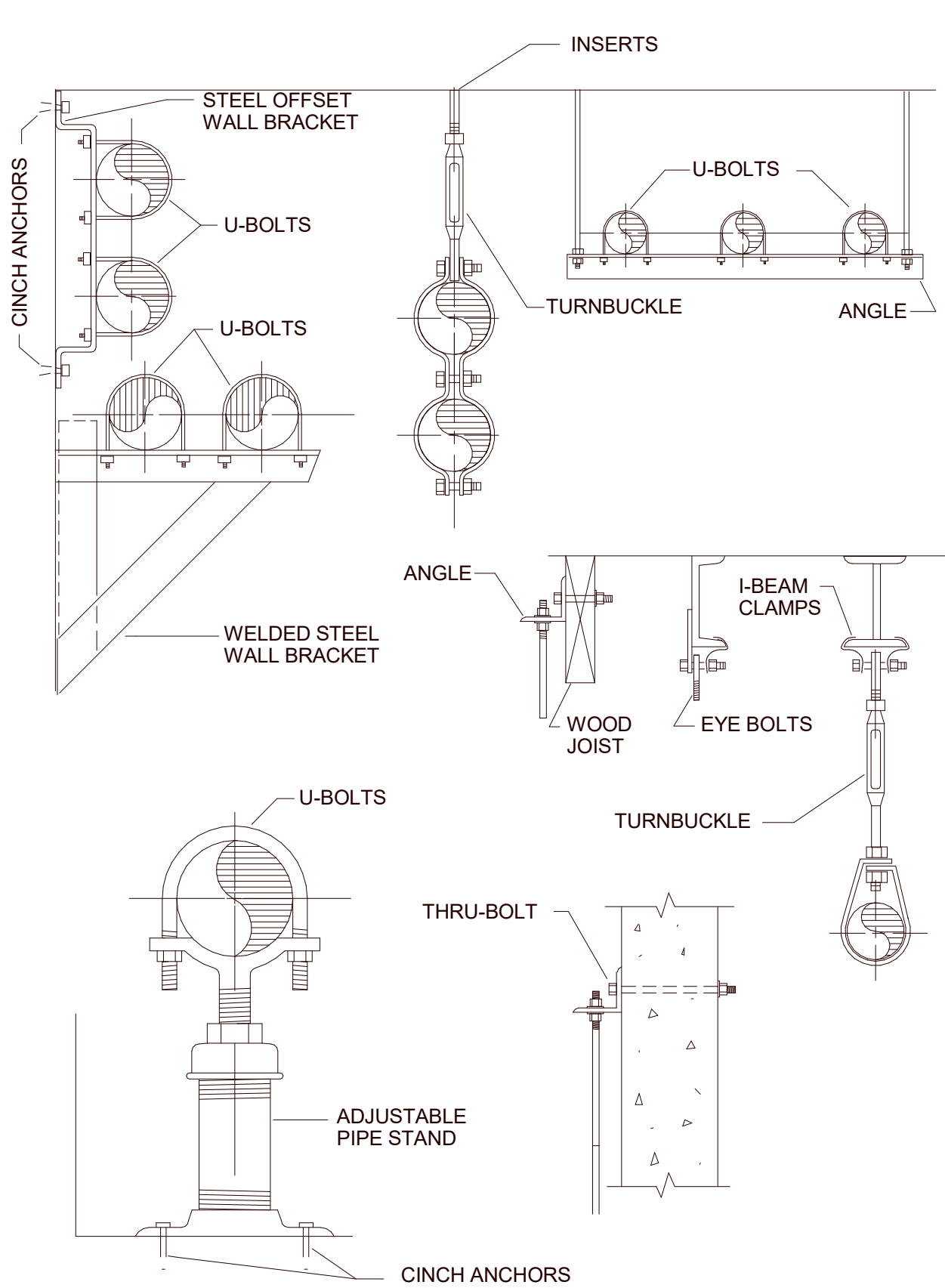
1. TYPICAL SUPPORT AT EACH FLOOR.

2. FOR MULTIPLE PIPES INSTALL CHANNELS IN PARALLEL AND PROVIDE ADDITIONAL FRAMING. SIZES OF FRAMING MEMBERS AS REQUIRED TO SUPPORT TOTAL WEIGHT OF PIPE.

3. INSULATE CLAMP AT CHILLED WATER PIPE ONLY.

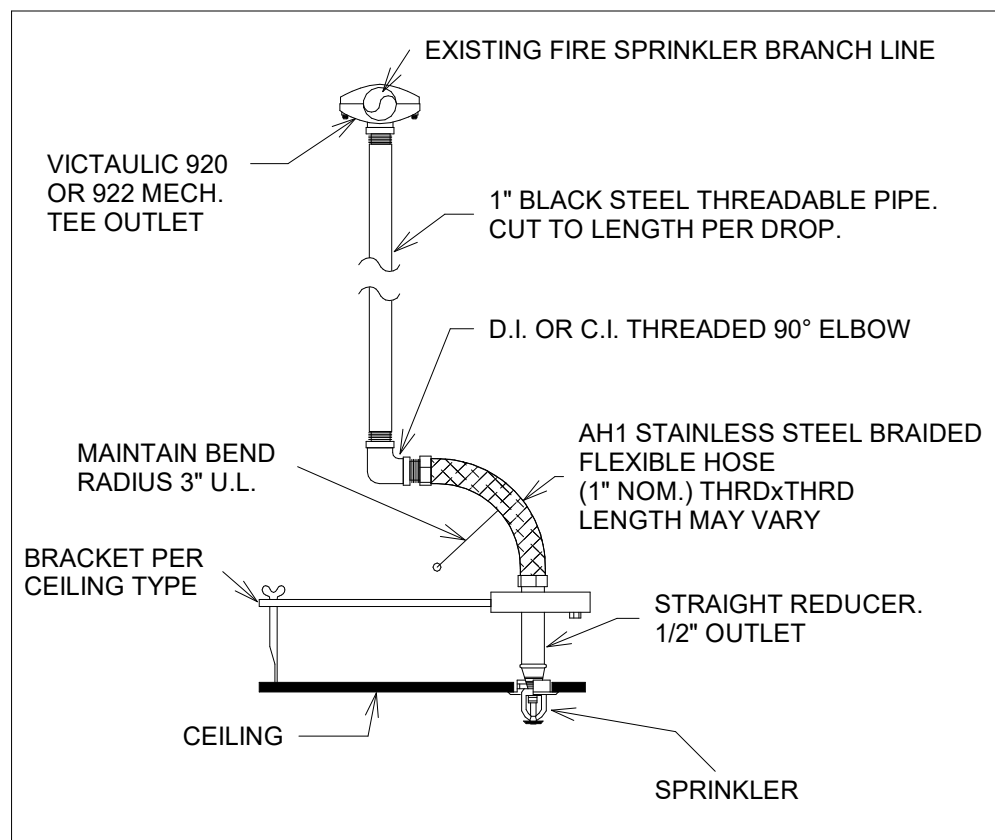
5 PIPE RISER SUPPORT DETAIL

P501 NO SCALE



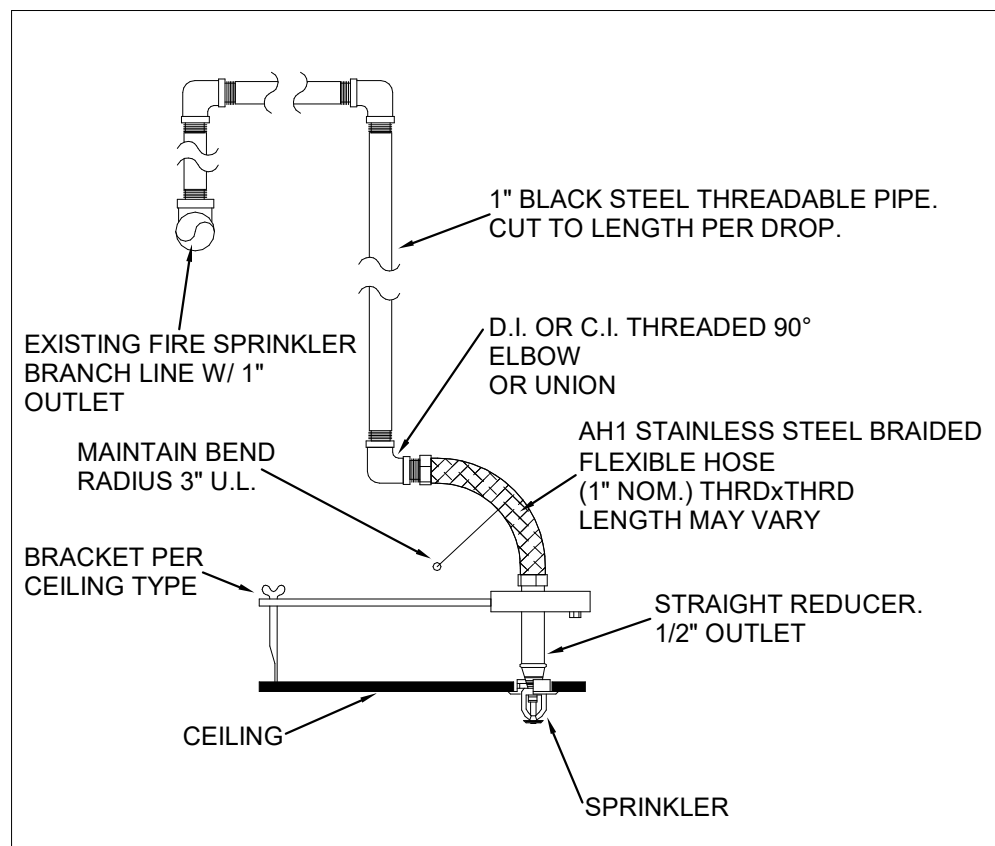
1 TYPICAL PIPE SUPPORT DETAIL

P501 NO SCALE



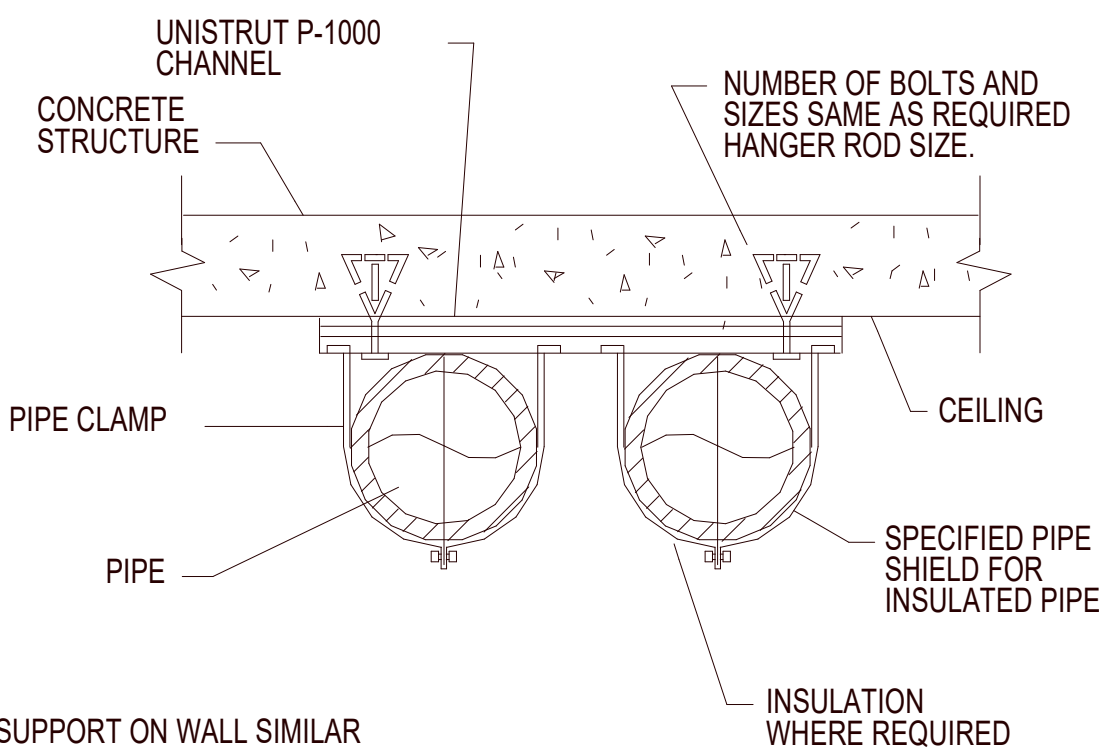
6 FLEX DROP FROM EXISTING BRANCHLINE

P501 NOT TO SCALE



7 FLEX DROP FROM EXISTING 1-INCH OUTLET

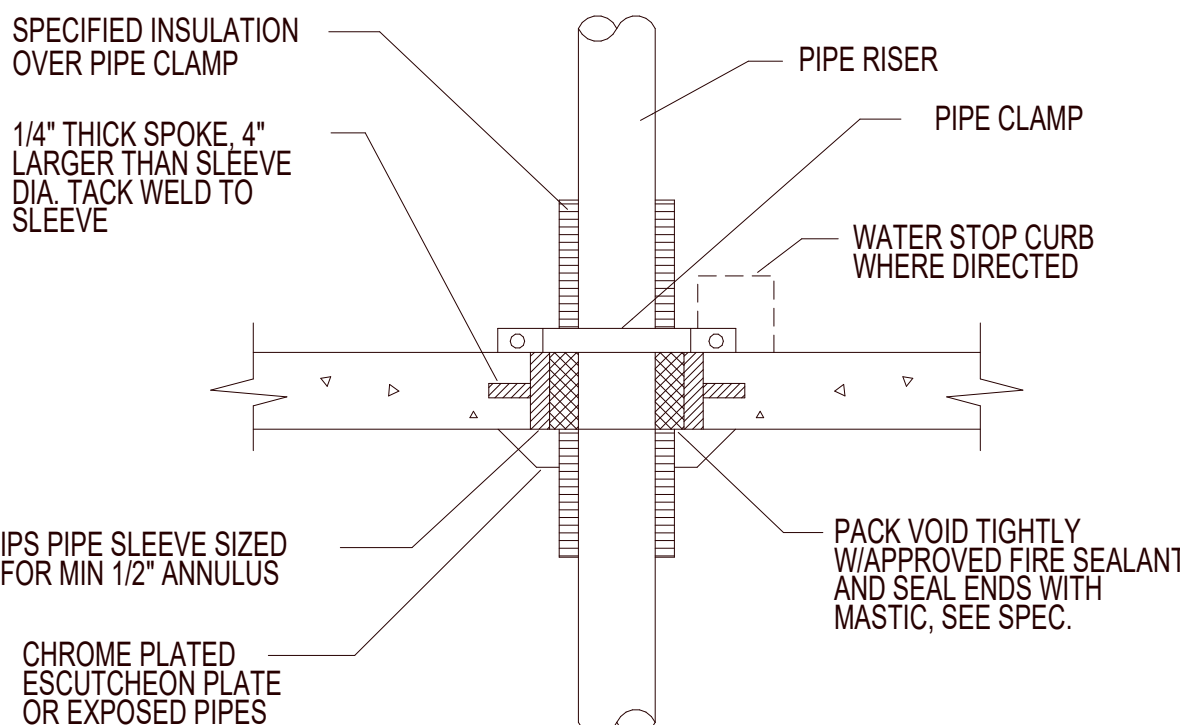
P501 NOT TO SCALE



NOTES:
1. PIPE SUPPORT ON WALL SIMILAR

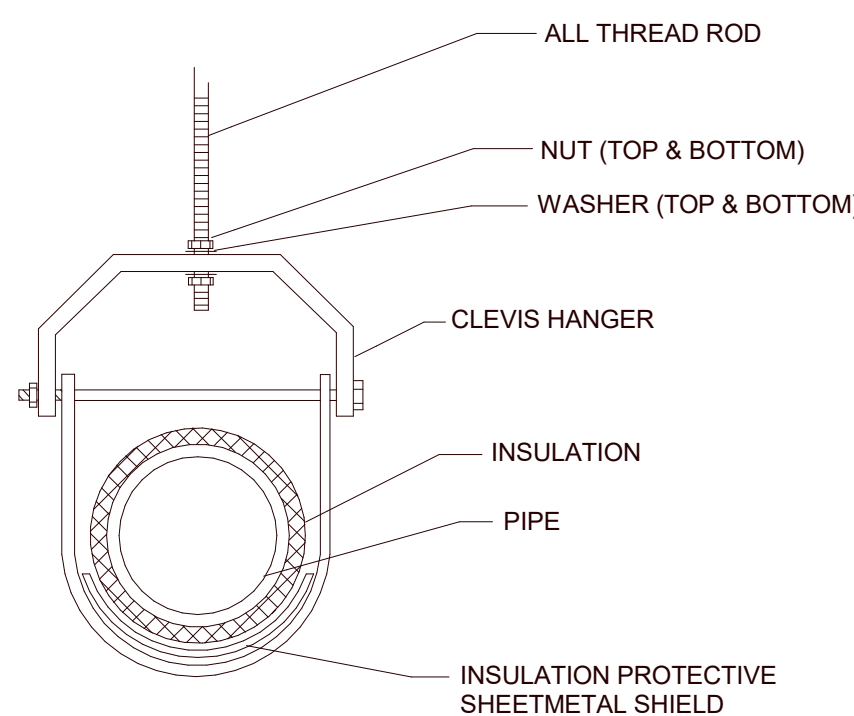
2 PIPE SUPPORT ON CEILING

P501 NO SCALE



3 PIPE THROUGH FLOOR SLAB DETAIL

P501 NO SCALE



4 TYPICAL CLEVIS HANGER DETAIL

P501 NO SCALE

HKS

ARCHITECT

HKS ARCHITECTS, INC.
222 SOUTH MAIN, SUITE 230
SALT LAKE CITY, UT 84101

STRUCTURAL ENGINEER

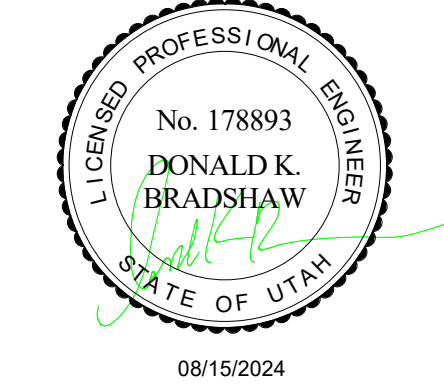
REAVELEY ENGINEERS & ASSOCIATES
675 EAST 500 SOUTH, SUITE 400
SALT LAKE CITY, UTAH 84102

MECHANICAL ENGINEER

VAN BOERUM & FRANK ASSOCIATES, INC.
181 EAST 5600 SOUTH, SUITE 130
MURRAY, UTAH 84107

ELECTRICAL ENGINEER

SPECTRUM ENGINEERS, INC
324 SOUTH STATE STREET, SUITE 400
SALT LAKE CITY, UTAH 84111



LAYTON HOSPITAL
MISC PROJECTS

KEY PLAN

REVISION	NO.	DESCRIPTION	DATE

HKS PROJECT NUMBER

26404.000

DATE

08/15/2024

ISSUE

CONSTRUCTION

DOCUMENTS

SHEET TITLE

PLUMBING

DETAILS

SHEET NO.

P501

PLOT DATE: 8/15/2024 4:19:16 PM
TEMPLATE VERSION: 21.8.2014012

PLUMBING FIXTURE SCHEDULE									
ID	FIXTURE	CW (IN)	HW (IN)	W (IN)	V (IN)	NOTES	SPECIFICATION		
FD-1	FLOOR DRAIN	--	--	2	1 1/2	GENERAL USE FLOOR DRAIN	FLOOR DRAIN: SMITH FIGURE 2005Y-P050 FLOOR DRAIN WITH CAST IRON BODY AND FLASHING COLLAR WITH 6-INCH ROUND NICKEL BRONZE ADJUSTABLE STRAINER HEAD WITH SECURED GRATE. PROVIDE DEEP SEAL TRAP AND TRAP GUARD TYPE 1TRAP SEAL DEVICE.		
L-1	LAVATORY	1/2	1/2	1 1/2	1 1/2	BASIN INTEGRAL TO COUNTERTOP GOOSENECK FAUCET WITH WRISTBLADES	LAVATORY (BASIN INTEGRAL TO COUNTERTOP): CHICAGO786-GN8FCXKABCP FACUET, WITH WRIST BLADE HANDLES, GN8FC RIGID/SWING GOOSENECK SPOUT WITH 0.5 GPM LAMINAR FLOW CONTROL IN SPOUT INLET. FLEXIBLE STAINLESS STEEL SUPPLIES WITH WITH LOOSE KEY ANGLE STOPS. FLEXIBLE STAINLESS STEEL SUPPLIES WITH LOOSE KEY ANGLE STOPS. CHICAGO 327-XCP OPEN-GRID STRAINER AND CAST BRASS P-TRAP WITH CLEAN OUT PLUG. PROVIDE ADA COMPLIANT UNDER COUNTER PIPING WRAP BY TRUE-BRO, COLOR TO BE WHITE.		
L-2	LAVATORY	1/2	1/2	1 1/2	1 1/2	WALL HUNG, GOOSENECK FAUCET WITH WRISTBLADES	LAVATORY: KOHLER K2030, GREENWICH, 20" X 18", VITREOUS CHINA, WITH FRONT OVERFLOW, 8" CENTERS. CHICAGO 786-GN8FCXKABCP FACUET, WITH WRIST BLADE HANDLES, GN8 RIGID/SWING GOOSENECK SPOUT WITH 0.5 GPM LAMINAR FLOW CONTROL IN SPOUT INLET. WATTS LFUSG-B-M2 THERMOSTATIC MIXING VALVE WITH SLOAN BASYS EFT-470-A CHECK VALVES ON HOT AND COLD LINES. FLEXIBLE STAINLESS STEEL SUPPLIES WITH WITH LOOSE KEY ANGLE STOPS. CHICAGO 327-XCP OPEN-GRID STRAINER AND CAST BRASS P-TRAP WITH CLEAN OUT PLUG. SMITH 0700-Z CONCEALED ARM CHAIR CARRIER WITH FOOT SUPPORT. PROVIDE ADA COMPLIANT UNDER COUNTER PIPING WRAP BY TRUE-BRO, COLOR TO BE WHITE.		
S-1	SINK	1/2	1/2	2	1 1/2	BASIN INTEGRAL TO COUNTERTOP GOOSENECK FAUCET WITH WRISTBLADES	SINK (BASIN INTEGRAL TO COUNTERTOP): CHICAGO 786-GN8FCXKABCP FACUET, WITH WRIST BLADE HANDLES, GN8FC RIGID/SWING GOOSENECK SPOUT WITH 1.5 GPM LAMINAR FLOW CONTROL IN SPOUT. FLEXIBLE STAINLESS STEEL SUPPLIES WITH WITH LOOSE KEY ANGLE STOPS. FLEXIBLE STAINLESS STEEL SUPPLIES WITH LOOSE KEY ANGLE STOPS. CHICAGO 327-XCP OPEN-GRID STRAINER AND CAST BRASS P-TRAP WITH CLEAN OUT PLUG. PROVIDE ADA COMPLIANT UNDER COUNTER PIPING WRAP BY TRUE-BRO, COLOR TO BE WHITE.		
S-2	HAND WASH SINK	1/2	1/2	2	1 1/2	WALL HUNG, GOOSENECK FAUCET WITH WRISTBLADES	LAVATORY: KOHLER K2030, GREENWICH, 20" X 18", VITREOUS CHINA, WITH FRONT OVERFLOW, 8" CENTERS. CHICAGO 786-GN8FCXKABCP FACUET, WITH WRIST BLADE HANDLES, GN8 RIGID/SWING GOOSENECK SPOUT WITH 0.5 GPM LAMINAR FLOW CONTROL IN SPOUT INLET. WATTS LFUSG-B-M2 THERMOSTATIC MIXING VALVE WITH SLOAN BASYS EFT-470-A CHECK VALVES ON HOT AND COLD LINES. FLEXIBLE STAINLESS STEEL SUPPLIES WITH WITH LOOSE KEY ANGLE STOPS. CHICAGO 327-XCP OPEN-GRID STRAINER AND CAST BRASS P-TRAP WITH CLEAN OUT PLUG. SMITH 0700-Z CONCEALED ARM CHAIR CARRIER WITH FOOT SUPPORT. PROVIDE ADA COMPLIANT UNDER COUNTER PIPING WRAP BY TRUE-BRO, COLOR TO BE WHITE.		
S-3	NURSE STATION SINK	1/2	1/2	2	1 1/2	COUNTER MOUNTED, STAINLESS STEEL, GOOSENECK FAUCET WITH WRISTBLADES	SINK: ELKAY LRAD 1918 19" X 18" O.D. X 6-1/2" DEEP BOWL, COUNTER MOUNT SINGLE COMPARTMENT 18 GA. STAINLESS STEEL SINK, 8" CENTERS DRILLING, PROVIDE SINK WITH CENTER-REAR DRAIN LOCATION. PROVIDE CHICAGO 786-GN8FCABCP FACUET, NO. 317 4" WRIST BLADES, GN8 RIGID/SWING CONVERTIBLE GOOSE NECK WITH 1.5 GPM FC LAMINAR FLOW CONTROL IN SPOUT AND PLAIN END SPOUT RING. PROVIDE FLEXIBLE STAINLESS STEEL SUPPLIES WITH LOOSE KEY ANGLE STOPS. JUST J-36 STAINLESS STEEL CUP STRAINER AND CAST BRASS P-TRAP WITH CLEAN-OUT PLUG.		
S-4	BREAK RM SINK	1/2	1/2	2	1 1/2	COUNTER MOUNTED, STAINLESS STEEL, SINGLE COMPARTMENT.....	SINK (STAINLESS STEEL, COUNTER MOUNTED, SINGLE COMPARTMENT): JUST SLADA1921A553-J TYPE 304 STAINLESS STEEL SINK, 14" X 18" X 5-1/2" DEEP BASIN, SELF RIMMING, 8" CENTERS DRILLING WITH J-36 CUP STRAINER. SYMMONS S-23-BH 1.5 KITCHEN FAUCET WITH 1.5 GPM AERATOR. FLEXIBLE STAINLESS STEEL SUPPLIES WITH LOOSE KEY ANGLE STOPS, CAST BRASS P-TRAP WITH CLEAN-OUT PLUG.		
S-5	CUP SINK	1/2	1/2	1 1/2	1 1/2	SPECIMEN DISPOSAL SINK	SINK: ELKAY CUPR6 6.5" DIA. I.D. TYPE 316 18 GA STAINLESS STEEL, ROUND, COUNTER MOUNT SINGLE BOWL WITH STEEL NIPPLE WITH GROSS BAR DRAIN. CHICAGO 929-LESH SINGLE HOLE HOT AND COLD WATER FAUCET WITH GN8FCXKABCP P PLAIN END GOOSENECK SPOUT WITH 1.5 GPM FLOW CONTROL IN BASE OF THE SPOUT AND 317 4" WRIST BLADE HANDLES. FLEXIBLE STAINLESS STEEL SUPPLIES WITH LOOSE KEY ANGLE STOPS AND CAST BRASS P-TRAP WITH CLEAN-OUT PLUG.		
S-6	CONFERENCE ROOM SINK	1/2	1/2	2	1 1/2	INTEGRAL SINK, GOOSENECK FAUCET WITH WRISTBLADES	SINK (BASIN INTEGRAL TO COUNTER TOP): PROVIDE CHICAGO 786-GN8FCABCP FACUET, NO. 317 4" WRIST BLADES, GN8 RIGID/SWING CONVERTIBLE GOOSE NECK WITH 1.5 GPM FC LAMINAR FLOW CONTROL IN SPOUT AND PLAIN END SPOUT RING. PROVIDE FLEXIBLE STAINLESS STEEL SUPPLIES WITH LOOSE KEY ANGLE STOPS. JUST J-36 STAINLESS STEEL CUP STRAINER AND CAST BRASS P-TRAP WITH CLEAN-OUT PLUG.		
SH-1	SHOWER	1/2	1/2	2	2	ADA, FIXED AND HAND HELD SHOWER HEADS	SHOWER (ADA COMPLIANT): SYMMONS 1-1170VT-T600B-36-V-X-1.5 VISU-TEMP EXTRA HEAVY DUTY SHOWER SYSTEM WITH PRESSURE BALANCING MIXING VALVE, CLEAR-VUE THERMOMETER, LEVER HANDLE, ADJUSTABLE STOP SCREW, INTEGRAL SERVICE STOPS, 1.5 GPM SHOWER HEAD WITH ARM AND FLANGE, LEVER DIVERTER WITH INTEGRAL VOLUME CONTROL, 1.5 GPM WALL/HAND SHOWER WITH 6" FLEXIBLE METAL HOSE, INLINE BREAKER, WALL CONNECTION AND FLANGE AND SYMMONS 36" T600B ADA GRAB AND SLIDE BAR FOR HAND SHOWER MOUNTING.		
TD-1	TRENCH DRAIN	--	--	2	2	PATIENT TOILET ROOM TRENCH DRAIN	TRENCH DRAIN: ZURN MODEL #ZS880-60-ZS-WG TYPE 304 FABRICATED STAINLESS STEEL LINEAR SHOWER DRAIN, COMPLETE WITH VERTICALLY ADJUSTABLE ANCHORING SUPPORT LEGS, ANTI-PRONDING V-SHAPED CHANNEL WITH 2 IN. NO-HUB CENTER OUTLET, ADJUSTABLE SECURED LEVELING FRAME WITH BUILT-IN TILE EDGE, AND SECURED, LIGHT DUTY, SLOTTED HEEL-PROOF GRATE, DRAIN IS DESIGNED FOR INSTALLATION IN A MINIMUM 2" CONCRETE PAD AND CAN BE ADJUSTED TO ACCOMMODATE 1/4 AND 3/8 FINISHED TILE THICKNESS.		
WB-1	WATER BOX	3/4	3/4	2	1 1/2	--	WATER OUTLET BOX: WATER-TITE 82112 WASHING MACHINE OUTLET BOX WITH DRAIN, QUARTER TURN BALL VALVE FOR USE WITH ICE MACHINE. INSTALL ONLY COLD WATER BALL VALVE. NOTCH COUNTERTOP BACK-SPLASH AND INSTALL OUTLET BOX DRAIN FLUSH WITH COUNTERTOP. PROVIDE WITH PVC TRAP. WATER LINE CONNECTION TO THE ICEBOX TO BE COPPER PIPING. BOX DIMENSIONS: 7-7/8" X 5-5/8" I.D., FRAME SIZE: 10-7/8 X 9-3/8"		
WC-1	WATER CLOSET	1	--	4	2	FLOOR MOUNTED, MANUAL FLUSH VALVE, ADA, BED PAN WASHER	WATER CLOSET: KOHLER K-4366-L HIGHCLIFF VITREOUS CHINA, FLOOR MOUNTED, ELONGATED BOWL WITH BEDPAN LUGS, 1-1/2" TOP SPUD, ADA TOILET WITH K-4670-C LUSTRA OPEN-FRONT SEAT. SLOAN MODEL BFW-1150-1.6 LOW CONSUMPTION FLUSH VALVE WITH PULL DOWN BED PAN WASHER AND WES-212 DUAL FLUSH HANDLE KIT, 1-1/2" OFF SET TUBE, INSTALL ACTUATOR ON WIDE SIDE OF FIXTURE.		

1. ALL UNDER GROUND WASTE AND VENT SHALL BE 2" OR GREATER PER DRAWINGS.

MEDICAL GAS OUTLETS SCHEDULE																
SYMBOL	ROOM TYPE	# OF OUTLETS								PIPE DROP SIZE TO OUTLET(S)						
		OX	MA	MV	N	N2O	CO2	WAGD		OX	MA	MV	N	N2O	CO2	WAGD
MO-1	O2, MV OUTLET	1	--	1	--	--	--	--		1/2"	--	3/4"	--	--	--	--
MO-5	O2, MA, MV	1	1	1	--	--	--	--		1/2"	1/2"	3/4"	--	--	--	--
MO-6	INFANT RESUSILDRP	3	3	3	--	--	--	--		1/2"	1/2"	1"	--	--	--	--
MO-8	O2	1	--	--	--	--	--	--		1/2"	--	--	--	--	--	--
MO-20	OR EQUIP BOOM	--	1	2	1	--	1	--		1/2"	1"	1/2"	--	1/2"	--	--
MO-21	OR ANEST BOOM	3	2	2	--	1	--	1		1/2"	1/2"	1"	--	1/2"	--	3/4"

UNLESS NOTED OTHERWISE, ALL OUTLETS ARE CHEMETRON-STYLE QUICK-CONNECTS - SEE ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS AND ELEVATIONS

OUTLETS IN "MEDICAL EQUIPMENT" ARE SUPPLIED WITH THE PIECE OF EQUIPMENT

1. PIPE DROP SIZES ARE FOR ONE SET OF OUTLETS

2. WALL MOUNTED OUTLETS

3. OUTLETS IN OWNER-PROVIDED, CEILING-MOUNTED BOOM.

MEDICAL GAS VALVE SCHEDULE											
SYMBOL	AREA SERVED	PIPE SIZE								REMARKS	
		OX	MA	MV	N	IA	N2O	CO2	WAGD		
MV-12	BLOOD DRAW	1/2"	-	-	-	-	-	-	-	1	

1. WITH GAUGES

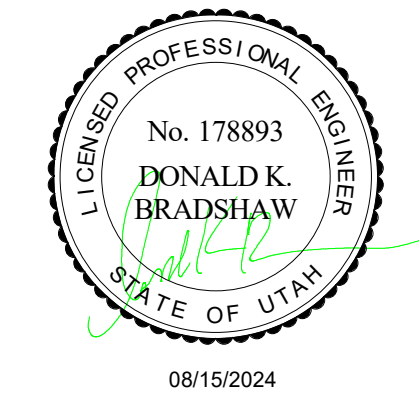
HKS

ARCHITECT
HKS ARCHITECTS, INC.
222 SOUTH MAIN, SUITE 230
SALT LAKE CITY, UT 84101

STRUCTURAL ENGINEER
REAVELEY ENGINEERS & ASSOCIATES
675 EAST 500 SOUTH, SUITE 400
SALT LAKE CITY, UTAH 84102

MECHANICAL ENGINEER
VAN BOERUM & FRANK ASSOCIATES, INC.
181 EAST 5600 SOUTH, SUITE 130
MURRAY, UTAH 84107

ELECTRICAL ENGINEER
SPECTRUM ENGINEERS, INC
324 SOUTH STATE STREET, SUITE 400
SALT LAKE CITY, UTAH 84111



LAYTON HOSPITAL
MISC PROJECTS

KEY PLAN

REVISION	NO.	DESCRIPTION	DATE

HKS PROJECT NUMBER
26404.000

DATE
08/15/2024

ISSUE
CONSTRUCTION DOCUMENTS

SHEET TITLE
PLUMBING SCHEDULES

SHEET NO.

P601