

**ADDENDUM #2**

DATE: 09.22.2022

**TO CONTRACT DOCUMENTS ENTITLED:**

**PROJECT MANUAL FOR:** CP221951 UMPB Ground Floor Renovation

**ADVERTISEMENT DATE:** 08.29.2022

**PREPARED FOR:** The Curators of the University of Missouri

**CONSULTANTS:** CP221951  
bc**DESIGN**GROUP  
12101 110th Street, Suite 100  
Overland Park, KS 66210  
913.232.2123 x 809

Drawings and Specifications for the above noted project and the work covered thereby are herein modified as follows, and except as set forth herein, otherwise remain unchanged and in full force and effect:

**CLARIFICATIONS, QUESTIONS, ANSWERS:**

1. If there is underslab plumbing run near a column then will spread footings be a problem?
  - a. Underslab piping conflicts have been addressed in this addendum, see attached drawings.
2. Sheet E100 low voltage responsibility matrix. The telecom and the CATV call out for the outlet faceplates and terminations to be Furnished and Installed by the contractor. Typically these are by the owner here at MU. Please review and clarify if the notes are correct, or will need to be corrected in an addendum.
  - a. Low Voltage responsibility matrix has been revised for this addendum.
3. Also, sound masking is listed as Alternate #7, but I don't see it referenced anywhere else on the drawings, and there are no alternates shown on the bid form. Is there any sound masking on this project?
  - a. No. This note has been removed from sheet E100 for this addendum.
4. Please compare the Horton Automatic operator pricing vs Stanley Magic Force Operator pricing and install for comparison.
  - a. The Stanley Magic Force Operator is an approved substitution for the Horton Automatic Operator.
5. I have had several contractors wanting to bid CertainTeed Ceilings for the above project. Our direct alternate to ACT 1: Armstrong Ultima 1910 is Symphony M75.
  - a. The CertainTeed Symphony M75 ceiling is an approved substitution for the Armstrong Ultima 1910 ceiling.

**CP221951 DRAWINGS:**

1. A100 – Detail 1 – All previous keynote 1s and associated locations with under slab piping have been removed. New under slab piping has been located throughout existing Corridor C0102 and branches into Office 0102B, Open Office 0102, Office 0102F, Conference Room 0104, and Staff Lounge 0103. New working of under slab piping in part of Open Office 0106.

2. A100 – Detail 4 – Chase behind toilet in toilet room 0102N has been elongated into Echo room 0102M to accommodate plumbing piping. Added dimension of chase.
3. A100 – Demo Plan Notes – Added a hatch to show under slab piping.

**ATTACHMENTS:**

1. Ross and Baruzzini Narrative
2. A100, E100, P100, P101, P400, and P500

**ISSUED BY:**

Jackie Dinkins  
bc**DESIGN**GROUP

END OF ADDENDUM #2





## CP221951 UPMB Addendum # 2

**PROJECT:** UPMB Ground Floor Renovations  
**PROJECT NO:** MUHC – CP221951, R&B - 1202.0011414.000  
**DATE:** September 22, 2022  
**BY:** Tori Gillespie  
**RE:** Addendum #2  
**DWG REF:** See below  
**SPEC REF:** See below  
**CC:** Central File

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The following additions, revisions and modifications are hereby made part of the contract documents, which shall be amended accordingly. Acknowledge receipt of addenda on bid form. Failure of your acknowledgement of receipt of this addendum may result in rejection of your offer.

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### INSTRUCTIONS

#### ELECTRICAL

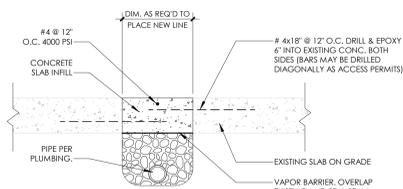
1. E100
  - a. REVISE the low voltage responsibility matrix

#### PLUMBING

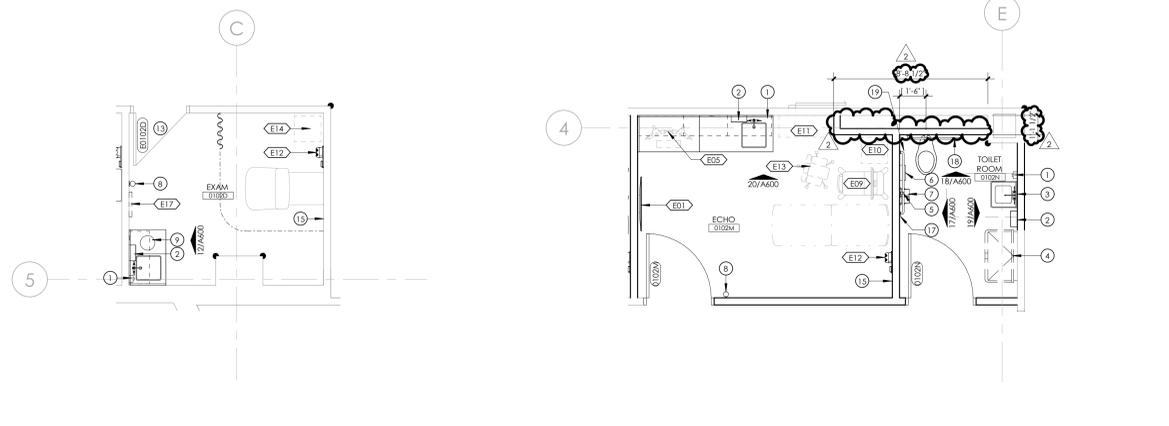
1. P100
  - a. REVISE routing of sanitary/waste piping & saw cutting to coordinate with structural footings.
  - b. ADD waste piping for new wall cleanout locations.
2. P101
  - a. REVISE sanitary & vent piping for water closet (model was changed to a wall hung unit).
  - b. ADD waste piping for new wall cleanout locations.
  - c. REMOVE two previous wall cleanout locations.
  - d. REVISE waste piping for a sink and lavatory to be routed in wall before dropping below slab to coordinate around structural footings.
3. P400

- a. REVISE Sanitary/Vent isometric drawing to include changes from P100 and P101.
4. P500
    - a. REVISE water closet (WC-1) model to be a wall-hung unit so that the sanitary piping can be routed above grade before dropping once it clears structural footing. A horizontal style standard fixture wall carrier is to be used.
    - b. ADD detail "Water Hammer Arrestor Schematic."

SIGNED:           Tori Gillespie, Chris Philipp



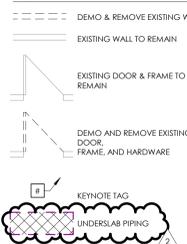
**5 TYPICAL SLAB REPAIR**  
1/4" = 1'-0"



**3 GROUND FLOOR PLAN - ENLARGED EXAM TYP.**  
1/4" = 1'-0"

**4 GROUND FLOOR PLAN - ENLARGED ECHO TYP.**  
1/4" = 1'-0"

**DEMOLITION PLAN LEGEND**



**FLOOR/WALL/CEILING NOTES**

- FLOOR**  
**F1** - REMOVE EXISTING FLOORING, BASE, GLUE, ETC. TO SLAB. PATCH, PRIME, AND PREPARE SUB-FLOOR TO RECEIVE NEW FLOORING AS SCHEDULED.  
**F2** - EXISTING FLOOR TO REMAIN.  
**F3** - SPECIAL CONDITION - REFER TO KEYNOTE
- WALL**  
**W1** - REMOVE EXISTING WALL COVERINGS, REMOVE PAINT, ETC. PATCH, PREP AND PRIME WALL TO RECEIVE NEW FINISHES AS SCHEDULED.  
**W2** - EXISTING WALL TO REMAIN.  
**W3** - SPECIAL CONDITION - REFER TO KEYNOTE
- CEILING**  
**C1** - REMOVE EXISTING CEILING, HANGERS, ETC. TO BOTTOM OF STRUCTURE. EXERCISE EXTREME CAUTION AS TO NOT DISTURB SYSTEMS INTENDED TO REMAIN.  
**C2** - EXISTING CEILING TO REMAIN.  
**C3** - SPECIAL CONDITION - REFER TO KEYNOTE

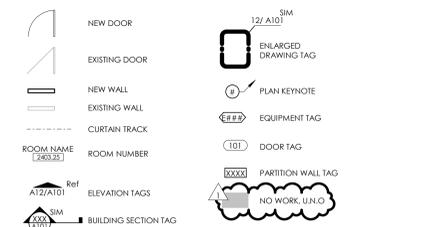
- DEMOLITION KEYNOTES:**
- SAW CUT EXISTING CONCRETE SLAB FOR INSTALLATION OF NEW WASTE PIPING SERVING GROUND FLOOR PLUMBING FIXTURE. PATCH CONCRETE FLOOR TO MATCH EXISTING SURROUNDING SURFACES. RE-PLUMBING FOR EXACT LOCATIONS. RE: S1/A100 FOR INFILL DETAIL.
  - DEMO CARPET TILE TO EXTENTS SHOWN.
  - DEMO AND REMOVE CASEWORK INCLUDING BASE CABINETS, COUNTER TOP, AND UPPER CABINETS.
  - DEMO AND REMOVE PLUMBING FIXTURES. RE: PLUMBING.
  - LIGHTLY SAND TO PREP WALL FOR NEW PAINT.
  - RE: RCP FOR DIMENSION OF EXTENT OF NEW CEILING.

**GENERAL DEMOLITION PLAN NOTES**

- CONTRACTOR SHALL CONTACT PLANT OPERATIONS DAILY TO PROVIDE ACTIVITIES AND SHUTDOWN REPORTS. ALL SITE USE SHALL BE COORD. AND APPROVED IN ADVANCE BY OWNER.
- CONTRACTOR IS TO FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO BEGINNING WORK. REPORT ANY DISCREPANCIES TO ARCHITECT IN WRITING PRIOR TO BEGINNING WORK IN THE AFFECTED AREAS.
- CONTRACTOR TO VERIFY ALL EXISTING BUILDING SYSTEMS CURRENTLY INSTALLED IN THE CONSTRUCTION AREA. ALL DEVICES TO REMAIN SHALL BE CHECKED AND IN WORKING CONDITION WHEN PROJECT IS COMPLETE.
- CONTRACTOR SHALL EMPLOY REASONABLE MEANS TO CONTAIN DUST, DEBRIS, AND NOISE DUE TO DEMOLITION AND NEW CONSTRUCTION. REFER TO SPECS.
- ALL WALL MOUNTED ITEMS, ETC., SHALL BE REMOVED & REINSTALLED AS INDICATED THROUGHOUT THE CONSTRUCTION AREA. ALL DEVICES TO REMAIN SHALL BE CHECKED AND IN WORKING CONDITION WHEN PROJECT IS COMPLETE.
- CONTRACTOR SHALL PATCH TO MATCH SURROUNDING FINISHES. ANY AREAS DAMAGED AS A RESULT OF, OR CAUSED BY, THE WORK INDICATED THROUGHOUT THE CONTRACT DOCUMENTS.
- WHERE REMOVAL OF EXISTING WALL PARTITIONS, EQUIPMENT, ETC., INTERRUPTS OR DISTURBS EXISTING ELECTRICAL, MECHANICAL, OR PLUMBING SERVICES TO AREAS NOT DESIGNATED AS CONSTRUCTION AREAS, CONTRACTOR SHALL PROVIDE TEMPORARY CONNECTIONS AS REQUIRED TO ENSURE UNINTERRUPTED SERVICE TO SAID AREAS. NOTE: NO SERVICE IS TO BE SHUT DOWN WITHOUT PRIOR APPROVAL BY OWNER.
- CONTRACTOR IS TO REMOVE COMPLETELY EXISTING CONSTRUCTION AS SHOWN HEREIN WHICH CONFLICTS WITH THE INTENT OF THE NEW CONSTRUCTION, U.N.O.
- OWNER WILL BE RESPONSIBLE FOR REMOVING AND STORING ITEMS SUCH AS FURNITURE, PLAQUES, ARTWORK, MOVEABLE EQUIPMENT, ETC.
- REFER TO MEP DRAWINGS FOR ADDITIONAL DEMOLITION WORK. PATCH & MATCH SURROUNDING MATERIALS WHERE ITEMS ARE REMOVED AT WALLS, CEILINGS AND FLOORS. MAINTAIN FIRE RATINGS WHERE DEMOLISHED ITEMS PENETRATED FIRE RATED WALLS AND FLOORS.
- REMOVE AND REPLACE CEILING TILES AS NECESSARY FOR DEMOLITION AND NEW CONSTRUCTION. REPLACE DAMAGED TILES AS REQUIRED.
- CONTRACTOR TO REMOVE, CLEAN AND STORE ALL PLUMBING FIXTURES SHOWN TO BE REMOVED. ALL FIXTURES TO BE TURNED OVER TO OWNER, U.N.O.

- EQUIPMENT LIST:**
- | #    | ITEM                                    | FURNISHED BY/INSTALLED BY |
|------|---|---------------------------|
| E#1  | TELEVISION W/ MOUNTING BRACKET          | OFCI, OFCI                |
| E#2  | NOT USED                                |                           |
| E#3  | REFRIGERATOR                            | OFCI                      |
| E#4  | MICROWAVE                               | OFCI                      |
| E#5  | WORKSTATION: DUAL MONITORS AND KEYBOARD | OFCI                      |
| E#6  | COUNTERTOP PRINTER                      | OFCI                      |
| E#7  | SHRED-IT                                | OFCI                      |
| E#8  | NOT USED                                |                           |
| E#9  | EKG MACHINE                             | OFCI                      |
| E#10 | LINEN HAMPER W/ LID                     | OFCI                      |
| E#11 | BOOKSHELF                               | OFCI                      |
| E#12 | WELCH-ALLYN                             | OFCI                      |
| E#13 | ERGONOMIC CHAIR                         | OFCI                      |
| E#14 | SCALE                                   | OFCI                      |
| E#15 | WHEELCHAIR SCALE                        | OFCI                      |
| E#16 | INFANT SCALE                            | OFCI                      |
| E#17 | VS COMPUTER CHARTING STATION            | OFCI                      |
| E#18 | CRASH CART                              | OFCI                      |
| E#19 | TREADMILL                               | OFCI                      |
| E#20 | TREADMILL COMPUTER                      | OFCI                      |
| E#21 | MOBILE VITAL MACHINES                   | OFCI                      |
| E#22 | MOBILE PEDESTALS                        | OFCI                      |

**FLOOR PLAN LEGEND:** TAG DESCRIPTION, SIM, ENLARGED DRAWING TAG, PLAN KEYNOTE, EQUIPMENT TAG, DOOR TAG, PARTITION WALL TAG, NO WORK, U.N.O.



**GENERAL FLOOR PLAN NOTES**

- ALL NEW INTERIOR PARTITIONS ARE TO BE 'AID' UNLESS NOTED OTHERWISE. RE: COVER.
- ALL INTERIOR DOORS TO BE 3'-8" x 7'-0" x 1-3/4" SOLID CORE WOOD DOORS PER SPEC, UNLESS NOTED OTHERWISE. RE: S1/A00 FOR TYPICAL FRAME DETAIL.
- ALL DIMENSIONS ARE TO FACE OF FINISHED WALL, C/C TO NOTIFY ARCHITECT OF ANY DISCREPANCIES PRIOR TO BEGINNING WORK IN THE AFFECTED AREAS.
- RADIUS CORNERS OF ALL COUNTERTOPS 1-1/2" TYPICAL.
- DIMENSIONS SHOWN IN BRACKETS ARE CRITICAL AND MUST BE MAINTAINED.
- INSTALL METAL STRAP BLOCKING AT ALL ITEMS SHOWN TO BE MOUNTED TO WALLS, INCLUDING BUT NOT LIMITED TO WALL STOPS, CASEWORK, & GRAB BARS. STRAPS SHALL EXTEND A MINIMUM OF 3 STUDS TYPICAL.
- ALL OFCI ITEMS LOCATIONS ARE TO BE COORDINATED WITH THE OWNER.
- FIELD VERIFY EXISTING INTERIOR WALLS GO TO DECK.

**EQUIPMENT LIST:**

#	ITEM	FURNISHED BY/INSTALLED BY
E#1	TELEVISION W/ MOUNTING BRACKET	OFCI, OFCI
E#2	NOT USED	
E#3	REFRIGERATOR	OFCI
E#4	MICROWAVE	OFCI
E#5	WORKSTATION: DUAL MONITORS AND KEYBOARD	OFCI
E#6	COUNTERTOP PRINTER	OFCI
E#7	SHRED-IT	OFCI
E#8	NOT USED	
E#9	EKG MACHINE	OFCI
E#10	LINEN HAMPER W/ LID	OFCI
E#11	BOOKSHELF	OFCI
E#12	WELCH-ALLYN	OFCI
E#13	ERGONOMIC CHAIR	OFCI
E#14	SCALE	OFCI
E#15	WHEELCHAIR SCALE	OFCI
E#16	INFANT SCALE	OFCI
E#17	VS COMPUTER CHARTING STATION	OFCI
E#18	CRASH CART	OFCI
E#19	TREADMILL	OFCI
E#20	TREADMILL COMPUTER	OFCI
E#21	MOBILE VITAL MACHINES	OFCI
E#22	MOBILE PEDESTALS	OFCI

**KEYPLAN**  
1" = 60'-0"

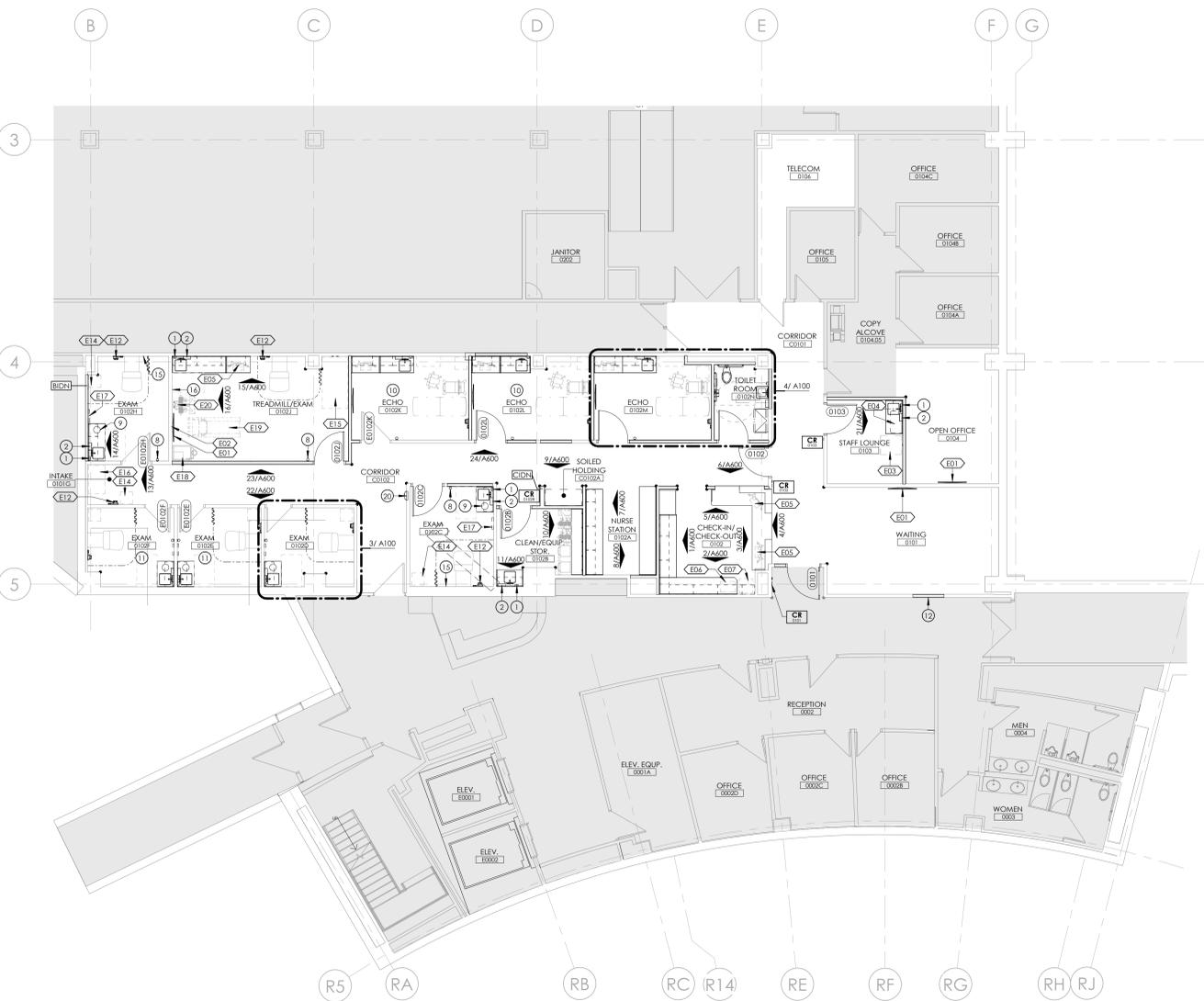


**FLOOR PLAN KEYNOTES:**

- SOAP DISPENSER, OFCI
- PAPER TOWEL DISPENSER, OFCI
- MIRROR, OFCI
- DIAPER CHANGING STATION, OFCI
- GRAB BARS 18", OFCI
- FEMININE NAPKIN DISPOSAL, OFCI
- TOILET PAPER DISPENSER, OFCI
- GEL DISPENSER, OFCI
- TRASH GROMMET
- REFER TO ECHO ROOM 0102H FOR TYPICAL ROOM NOTES, U.N.O. RE: 4/A100
- REFER TO EXAM 0102A FOR TYPICAL ROOM NOTES, U.N.O. RE: 3/A100
- INFILL WALL TO MATCH ADJACENT EXISTING WALL CONSTRUCTION
- EXISTING DOOR TO RECEIVE NEW HARDWARE, RE: SPEC HARDWARE SET #2
- NOT USED
- LINEN HAMPER FOR HELP, OFCI
- CODE BLUE, OFCI
- NURSE CALL, OFCI
- GRAB BARS 36", OFCI
- GRAB BARS 48", OFCI
- SEMI-RECESSED FIRE EXTINGUISHER CABINET PER SPEC



**1 GROUND FLOOR DEMO PLAN**  
1/8" = 1'-0"



**2 GROUND FLOOR PLAN - NOTED**  
1/8" = 1'-0"



bcDESIGN GROUP

12101 W 110th Street, Suite 100  
Overland Park, KS 66210  
913.232.2123

MO Certificate of Authority Number  
A-201103790

Project Team:

ROSS & BARUZZINI, INC.  
6 SOUTH OLD ORCHARD | ST. LOUIS, MO  
63119

Project Title:  
**University Physicians Medical Building - Ground Floor CHCC Clinic Renovation**  
University of Missouri, Columbia, Missouri



Issue Date: 08.29.2022  
Date: 09.22.2022  
Addendum #2

Drawn by: CG

bcgd Project #: 12275.27  
MU Project #: CP202091

**A100**

FLOOR PLAN + DEMO PLAN



bc DESIGN GROUP

12101 W 110th Street, Suite 100  
Overland Park, KS 66210

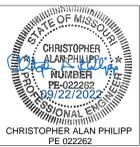
913.232.2123

MO Certificate of Authority Number  
A-201102790

Project Team:

ROSS & BARUZZINI, INC.  
8 SOUTH OLD ORCHARD | ST. LOUIS, MO  
63119

Project Title:  
**UPMB Ground Floor Renovation**  
1020 Hitt St, Columbia, MO 65212



Issue Date:	08.29.2022
Issue:	Date:
1 Addendum #1	09-16-22
2 Addendum #2	09-22-22

Drawn by: Author

bcdg Project #: 12275.27  
MU Project #: CP202091

**E100**  
ELECTRICAL - GROUND FLOOR  
- NEW WORK

BID SET

LEGEND:  
F: FURNISHED  
I: INSTALLED

CONTRACTOR RESPONSIBILITY  
OWNER RESPONSIBILITY

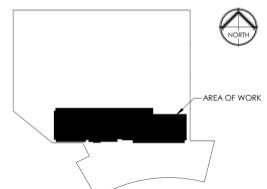
GENERAL LOW VOLTAGE ITEMS	
LOW VOLTAGE RACKS	F, I
RACK CABLE MANAGEMENT	F, I
CONDUIT SLEEVES	F, I
GROUNDING AND BONDING (GROUND BARS, CONDUCTORS, TERMINATIONS, ETC.)	F, I
CABLE PATHWAYS, CABLE TRAY, LADDER TRAY	F, I
LADDER RACK	F, I
FIRESTOPPING FOR LOW VOLTAGE SYSTEMS	F, I
FIRE RATED PATHWAYS	F, I
EQUIPMENT, CABLE, AND OUTLET FACEPLATE LABELING	F, I
CORE DRILLING FLOOR/WALL SLEEVES	F, I
TELECOMMUNICATIONS SYSTEMS	
FIBER SERVICE AND HORIZONTAL DISTRIBUTION FROM HOSPITAL	F, I
FIBER SWITCH AND TERMINATIONS	F, I
EQUIPMENT (SERVERS, SWITCHES, PDU, ETC.)	F, I
TELECOM ROOM LADDER RACK	F, I
PATCH PANELS	F, I
PATCH CABLES	F, I
HORIZONTAL CABLING AND TERMINATIONS	F, I
BACKBOXES AND CONDUITS	F, I
OUTLET FACEPLATES AND TERMINATIONS	F, I
WIRELESS ACCESS POINTS	F, I
COMMUNITY ACCESS TELEVISION SYSTEM (CATV)	
CABLE DISTRIBUTION (BETWEEN TELECOM ROOMS)	F, I
AMPLIFIERS AND SPLITTERS	F, I
EQUIPMENT, HEAD-END ELECTRONICS	F, I
HORIZONTAL CABLING AND TERMINATIONS	F, I
BACKBOXES AND CONDUITS	F, I
OUTLET FACEPLATES AND TERMINATIONS	F, I
ACCESS CONTROL	
HEAD-END EQUIPMENT	F, I
BACKBOXES AND CONDUITS	F, I
DEVICES (CARD READERS, KEYPADS, ETC.)	F, I
INTERCONNECTION WIRING AND TERMINATIONS	F, I
VIDEO SURVEILLANCE	
HEAD-END EQUIPMENT (HARDWARE, SOFTWARE, DISPLAYS, ETC.)	F, I
CAMERAS AND SUPPORTS	F, I
HORIZONTAL CABLING AND TERMINATIONS	F, I
BACKBOXES AND CONDUITS	F, I
NURSE CALL	
HEAD-END EQUIPMENT, UPS, AND PROGRAMMING	F, I
HORIZONTAL CABLING AND TERMINATIONS	F, I
BACKBOXES AND CONDUITS	F, I
DEVICES	F, I
INTERCONNECTION WIRING AND TERMINATIONS TO PERIPHERALS	F, I
PUBLIC ADDRESS SYSTEM	
HEAD-END EQUIPMENT	F, I
HORIZONTAL CABLING AND TERMINATIONS	F, I
BACKBOXES AND CONDUITS	F, I
BREAKERS	F, I

NOTES:

- THE PARTY RESPONSIBLE FOR INSTALLING THE RESPECTIVE EQUIPMENT SHALL ALSO BE RESPONSIBLE FOR CONNECTING, PROGRAMMING AND TESTING THE SYSTEM, UNLESS OTHERWISE SPECIFICALLY NOTED. CONTRACTOR TO COORDINATED TESTING WITH ALL THIRD PARTY VENDORS.
- ITEMS INDICATED AS FURNISHED AND/OR INSTALLED BY THE OWNER MAY BE PROVIDED BY A THIRD-PARTY VENDOR. CONTRACTOR IS REQUIRED TO COORDINATE ALL INSTALLATIONS.
- ALL LINE VOLTAGE RECEPTACLE AND HARD-WIRED CONNECTIONS WILL BE PROVIDED BY THE CONTRACTOR.
- FIRESTOPPING TO BE PROVIDED BY A SINGLE ENTITY. REFER TO DIVISION 07 SPECIFICATIONS FOR REQUIREMENTS.

### 2 LOW VOLTAGE RESPONSIBILITY MATRIX

NO SCALE

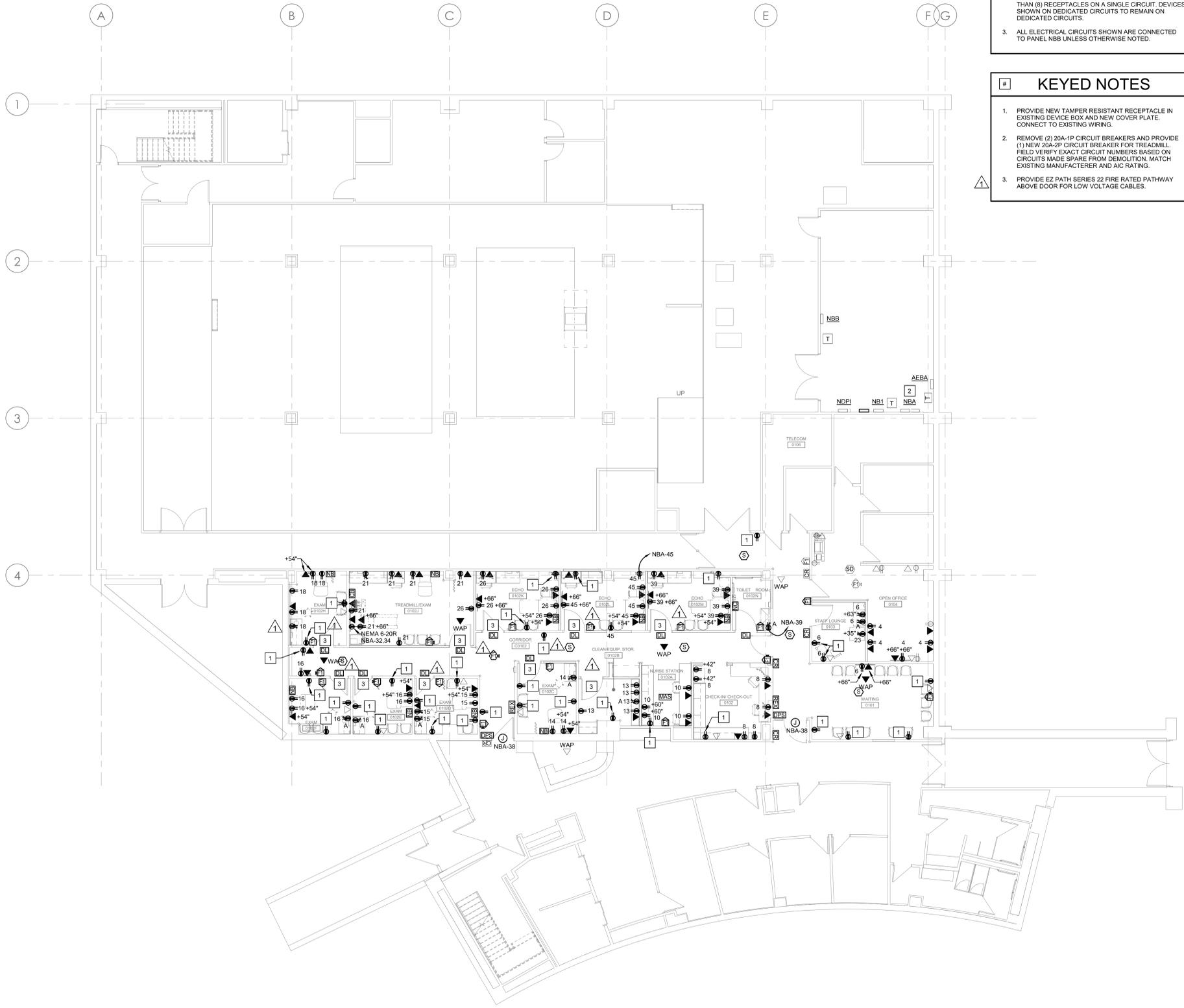


### GENERAL NOTES

- REFER TO SHEET E000 FOR ELECTRICAL GENERAL NOTES.
- CIRCUIT NUMBERS ARE FOR REFERENCE AND ARE SHOWN FOR LOADING PURPOSES ONLY. CONTRACTOR TO USE CIRCUITS MADE SPARE FROM DEMOLITION AND AVAILABLE SPARE CIRCUIT BREAKERS IN PANEL NBB AND IF NECESSARY PANEL NBA. CONTRACTOR MAY CONNECT NEW RECEPTACLES TO EXISTING CIRCUITS ALREADY IN ROOMS SO LONG AS THERE ARE NO MORE THAN (6) RECEPTACLES ON A SINGLE CIRCUIT. DEVICES SHOWN ON DEDICATED CIRCUITS TO REMAIN ON DEDICATED CIRCUITS.
- ALL ELECTRICAL CIRCUITS SHOWN ARE CONNECTED TO PANEL NBB UNLESS OTHERWISE NOTED.

### KEYED NOTES

- PROVIDE NEW TAMPER RESISTANT RECEPTACLE IN EXISTING DEVICE BOX AND NEW COVER PLATE. CONNECT TO EXISTING WIRING.
- REMOVE (2) 20A-1P CIRCUIT BREAKERS AND PROVIDE (1) NEW 20A-2P CIRCUIT BREAKER FOR TREADMILL. FIELD VERIFY EXACT CIRCUIT NUMBERS BASED ON CIRCUITS MADE SPARE FROM DEMOLITION. MATCH EXISTING MANUFACTURER AND AIC RATING.
- PROVIDE EZ PATH SERIES 22 FIRE RATED PATHWAY ABOVE DOOR FOR LOW VOLTAGE CABLES.

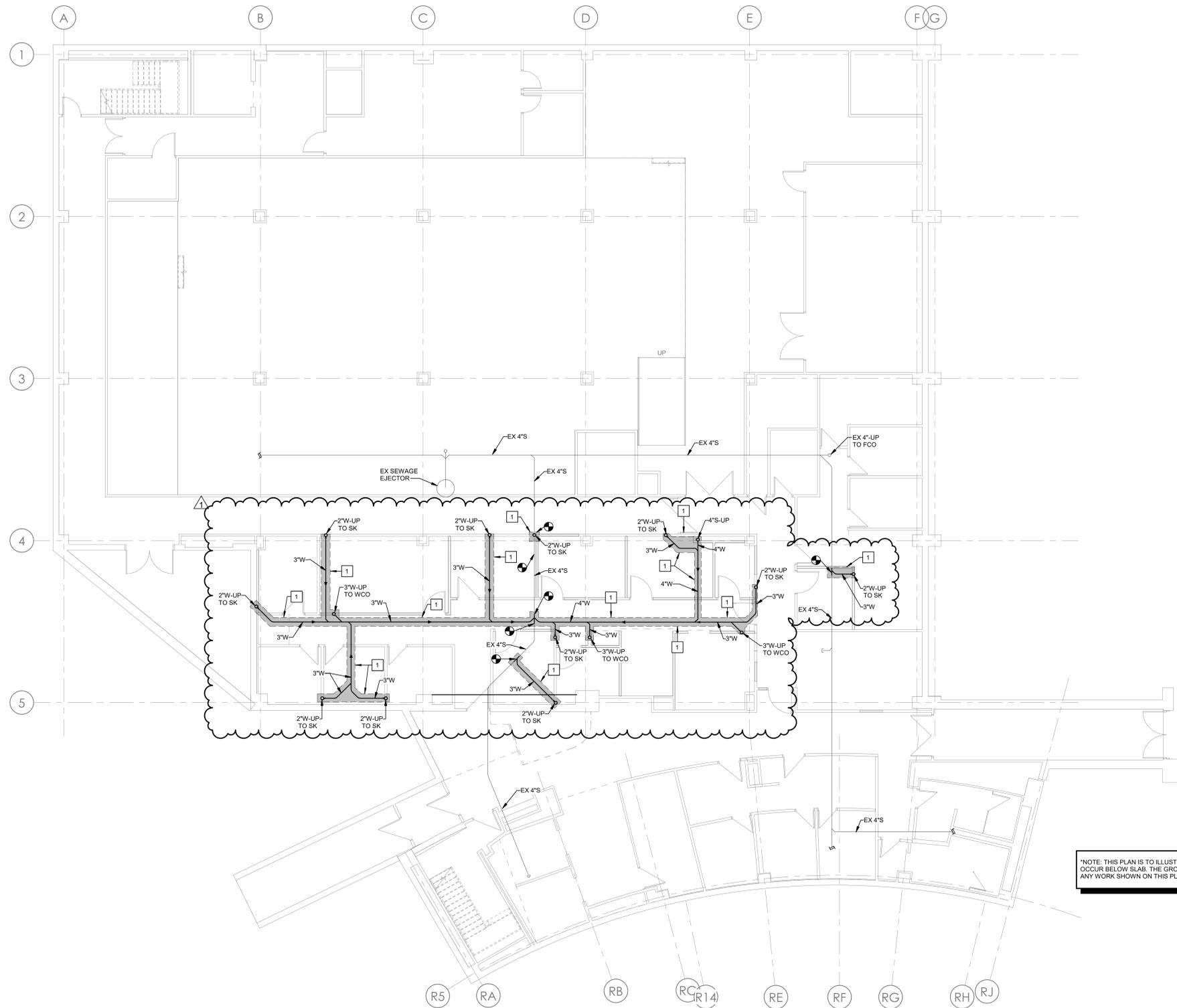


**1 ELECTRICAL NEW WORK FLOOR PLAN**  
1/8" = 1'-0"



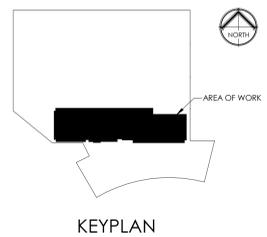
**KEYED NOTES**

1. SAW CUT EXISTING CONCRETE SLAB FOR INSTALLATION OF NEW WASTE PIPING SERVING GROUND FLOOR PLUMBING FIXTURES. PATCH CONCRETE FLOOR TO MATCH EXISTING SURROUNDING SURFACES. COORDINATE NEW BELOW-SLAB SANITARY PIPING WITH EXISTING STRUCTURAL FOOTINGS.



NOTE: THIS PLAN IS TO ILLUSTRATE PLUMBING UNDERFLOOR WORK THAT WILL OCCUR BELOW SLAB. THE GROUND FLOOR PLAN SHOWN FOR REFERENCE ONLY. ANY WORK SHOWN ON THIS PLAN TO BE PERFORMED BELOW SLAB.

**1 PLUMBING - UNDERFLOOR PLAN**  
1/8" = 1'-0"



**bcDESIGN GROUP**  
12101 W 110th Street, Suite 100  
Overland Park, KS 66210  
913.232.2123  
MO Certificate of Authority Number  
A-2011002790

**Project Team:**  
ROSS & BARUZZINI, INC.  
8 SOUTH OLD ORCHARD | ST. LOUIS, MO  
63119

**Project Title:**  
UPMB Ground Floor Renovation  
1020 Hitt St, Columbia, MO 65212



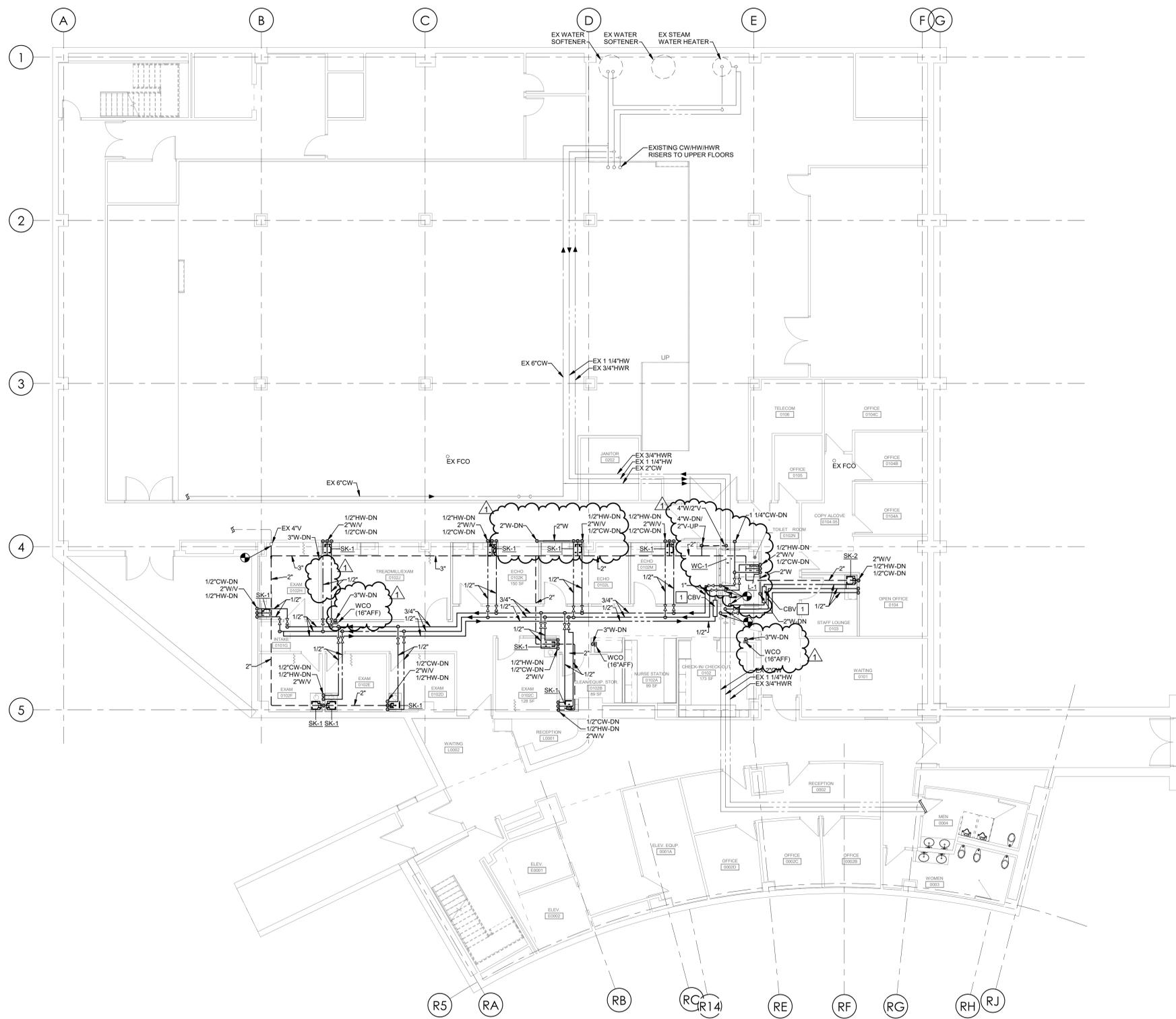
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Drawn by: Author  
bcdg Project #: 12275.27  
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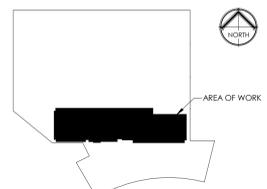
**P100**  
PLUMBING - UNDERFLOOR PLAN

**KEYED NOTES**

- SEE "CALIBRATED BALANCING VALVE" DETAIL ON SHEET P500 FOR MORE INFORMATION.



**1 PLUMBING - GROUND FLOOR PLAN**  
1/8" = 1'-0"



bcDESIGN GROUP  
12101 W 110th Street, Suite 100  
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913.232.2123  
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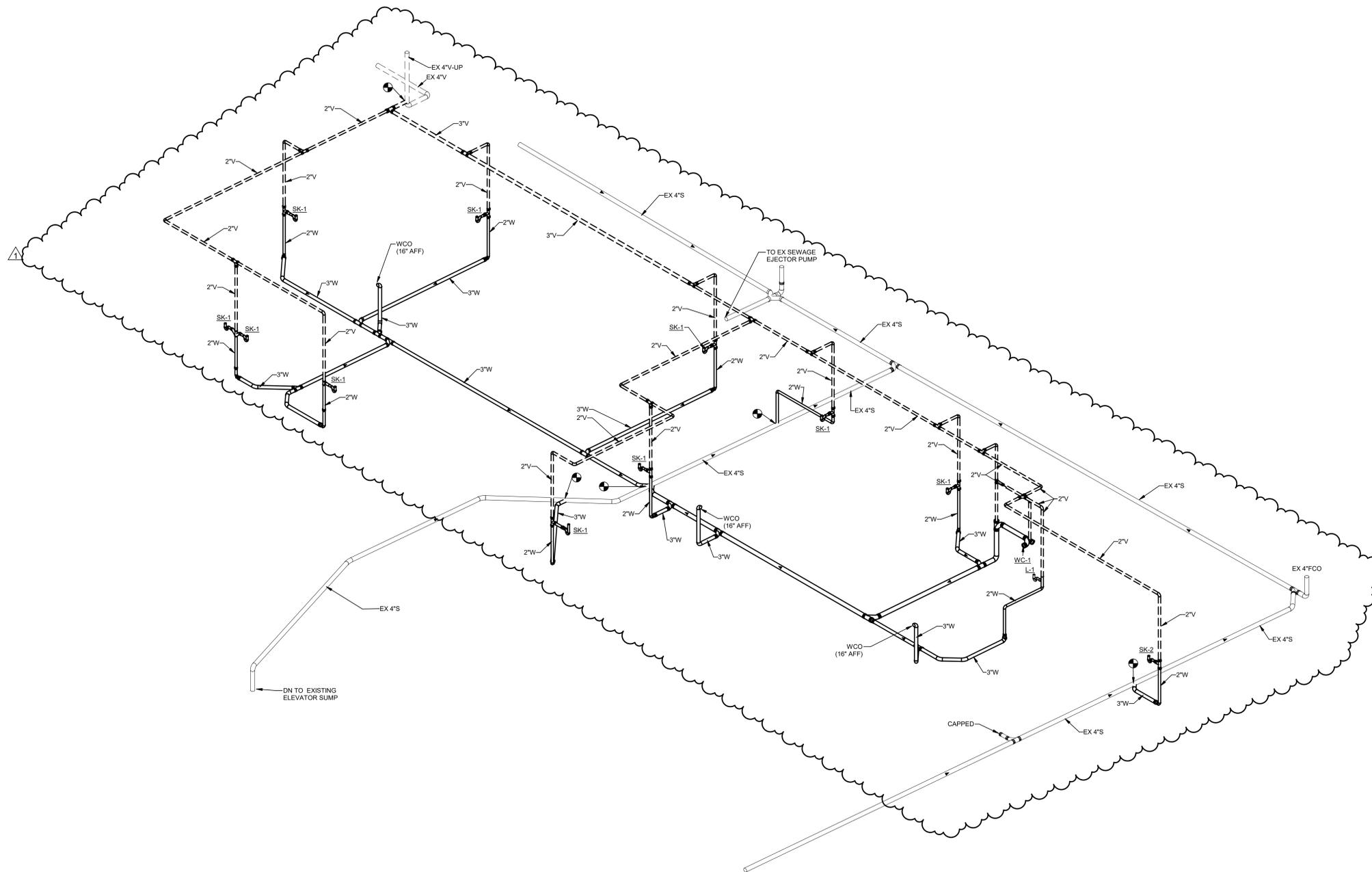


Issue Date: 08.29.2022  
Issue: 01  
Addendum #2: 09.22.22

Drawn by: Author

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**P101**  
PLUMBING - GROUND FLOOR PLAN



1 PLUMBING - SANITARY AND VENT ISOMETRIC



bcDESIGN GROUP  
 12101 W 110th Street, Suite 100  
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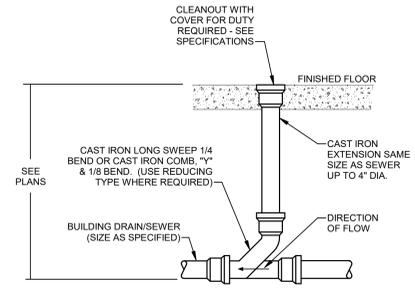
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**UPMB Ground Floor Renovation**  
 1020 Hitt St, Columbia, MO 65212



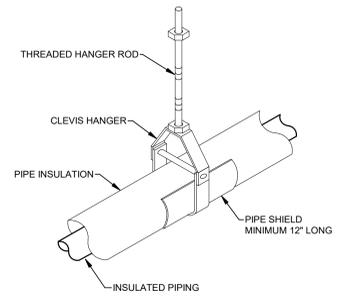
Issue	Date
1	08/29/2022
2	09/22/22

Drawn by: Author  
 bcdg Project #: 12275.27  
 MU Project #: CP202091

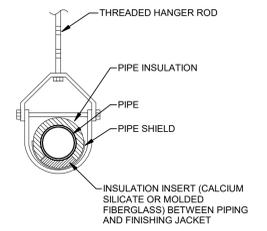
**P400**  
 PLUMBING ISOMETRICS



**1 FLOOR CLEANOUT**  
NONE

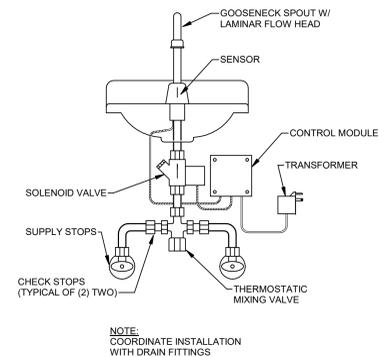


**2 INSULATED PIPE HANGER SUPPORT**  
NONE



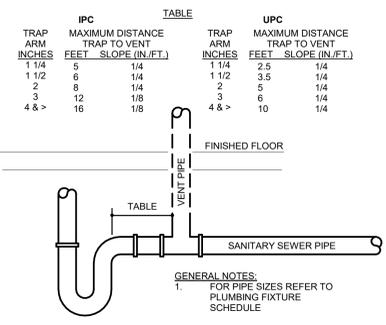
**SECTION THRU HANGER**

REFER TO SPECS FOR INSULATION AND HANGER SUPPORTS.



**3 SENSOR OPERATED FAUCET**  
NONE

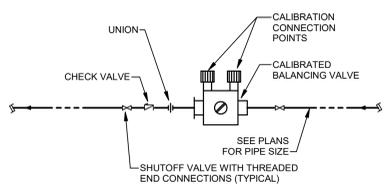
NOTE: COORDINATE INSTALLATION WITH DRAIN FITTINGS



**4 TRAP TO VENT MAXIMUM DISTANCE**  
NONE

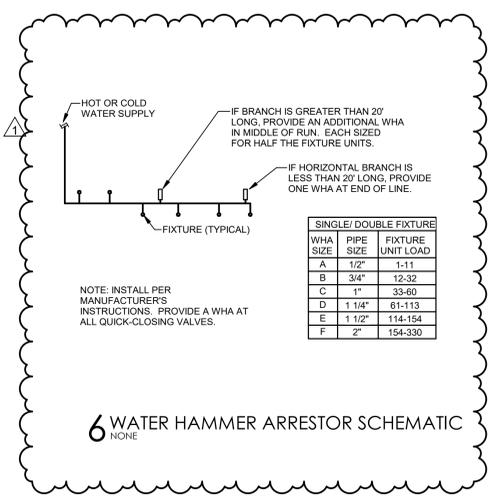
IPC		UPC	
TRAP ARM INCHES	MAXIMUM DISTANCE TRAP TO VENT FEET - SLOPE (IN/FT.)	TRAP ARM INCHES	MAXIMUM DISTANCE TRAP TO VENT FEET - SLOPE (IN/FT.)
1 1/4	5 1/4	1 1/4	2.5 1/4
1 1/2	6 1/4	1 1/2	3.5 1/4
2	8 1/4	2	5 1/4
3	12 1/8	3	6 1/4
4 & >	16 1/8	4 & >	10 1/4

GENERAL NOTES:  
1. FOR PIPE SIZES REFER TO PLUMBING FIXTURE SCHEDULE



NOTE:  
0.3 GPM TO 0.7 GPM - B&G 1/2" RF MODEL OR EQUAL  
0.75 GPM TO 1.0 GPM - B&G 3/4" RF MODEL OR EQUAL  
1.25 GPM TO 2.5 GPM - B&G CB-1/2" MODEL OR EQUAL  
2.6 GPM TO 4.7 GPM B&G CB-3/4" MODEL OR EQUAL  
4.8 GPM TO 9.7 GPM B&G CB-1" MODEL OR EQUAL

**5 CALIBRATED BALANCING VALVE**  
NONE



**6 WATER HAMMER ARRESTOR SCHEMATIC**  
NONE

PLUMBING FIXTURE SCHEDULE													
PLAN MARK	DESCRIPTION	MANUFACTURER	MODEL	TRIM	DRAIN / TRAP	SUPPLIES	CARRIER	HOT WATER	COLD WATER	TEMPERED WATER	SANITARY / WASTE	VENT	NOTES
L-1	WALL HUNG LAVATORY	AMERICAN STANDARD	LUCERNE 0355.012	CHICAGO FAUCETS MODEL 116.696 AB. 1; 0.5GPM SENSORED FAUCET; BATTERY POWERED.	GRID DRAIN/CHROME PLATED P-TRAP	CHICAGO FAUCET LOOSE KEY ANGLE STOPS AND RISERS	JAY R. SMITH	1/2"	1/2"	-	2"	2"	INSULATE SUPPLY AND WASTE PIPING WITH TRIBURO #102 WHITE INSULATION KIT WITH #105 OFFSET DRAIN INSULATION KIT. 0.5 GPM NON-AERATED OUTLET. PROVIDE WITH ASSE 1070 THERMOSTATIC MIXING VALVE.
SK-1	SINGLE BOWL STAINLESS STEEL SINK (EXAM ROOMS)	ELKAY	DLR191910PD	CHICAGO FAUCETS MODEL 201-AGNBAE30-31TAB. 1.5GPM MANUAL FAUCET	GRID DRAIN/CHROME PLATED P-TRAP	CHICAGO FAUCET LOOSE KEY ANGLE STOPS AND RISERS	-	1/2"	1/2"	-	2"	-	PROVIDE WITH ASSE 1070 THERMOSTATIC MIXING VALVE.
WC-1	WALL MOUNT/OUTLET WATER CLOSET (ADA)	AMERICAN STANDARD	AFWALL MILLENNIUM FLOWISE 3351-101	SLOAN ROYAL 111 SFSM-1.8 SENSOR FLUSHMETER, BATTERY POWERED.	INTEGRAL	-	JAY R. SMITH STANDARD HORIZONTAL STYLE	-	1 1/4"	-	4"	2"	MOUNTED AT ADA HEIGHT.



12101 W 110th Street, Suite 100  
Overland Park, KS 66210  
913.232.2123  
MO Certificate of Authority Number  
A-201103790

Project Team:  
ROSS & BARUZZINI, INC.  
6 SOUTH OLD ORCHARD | ST. LOUIS, MO  
63119

Project Title:  
**UPMB Ground Floor Renovation**  
1020 Hitt St, Columbia, MO 65212



Issue Date: 08.29.2022  
Date: 09.22.22  
Addendum #2

Drawn by: Author  
bcbg Project #: 12275.27  
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**P500**  
PLUMBING DETAILS AND SCHEDULES