

TO ALL BIDDERS: Renovations of the Library on the Kemper Campus
Boonslick Regional Library – Cooper County Branch

THIS ADDENDUM SHALL SUPERSEDE THE PLANS AND SPECIFICATIONS INSOFAR AS IT IS IN DISAGREEMENT WITH THE SAME. HOWEVER, IT WILL IN NO WAY RELIEVE THE CONTRACTOR OF ANY RESPONSIBILITY UNDER THE PLANS AND SPECIFICATIONS, EXCEPT AS HEREIN SPECIFICALLY STATED.

All Addenda's will be provided via e-mail to all Plan Rooms and any General Contractors on the Plan Holders List. All other Contractors and Vendors to obtain a copy of the Addenda's from one of the above.

Architectural Items:

Item No. A01 – CLARIFICATION – Drawings, Existing Doors

- 1) Existing Doors 101 and 102 are to be re-painted.

Item No. A02 – CHANGE – Existing Exterior Stair

- 1) Existing exterior stair (all components) to be sandblasted, primed and painted.
- 2) See paint specification for exterior primer and paint.

Item No. A03 – ADDITIONAL – Fire Alarm System

- 1) Existing Fire Alarm Panel is model Notifier SFP-10UD.

Item No. A04 – CLARIFICATION – Counter Top material

- 1) All counter tops are to be Quartz. There are NO p-lam counters. This is to include all restroom lavatories. Quartz to be MSI Calacatta Ultra or equal.

Item No. A05 – CLARIFICATION – Exterior Building Painting

- 1) All existing metal and wood at main entrance, at cornice and parapet caps and trims, circle windows, etc. are to be cleaned and painted. This is to include the areas on the North, South and east sides. See areas clouded on sheet A301.
- 2) Work is to include scraping and repairing existing surfaces as required to achieve smooth, paintable surfaces.

Item No. A06 – CLARIFICATION – Room Storage 019

- 1) Storage-019 - All walls are to be finished with gyp. bd. and painted. Ceiling is to be open to bottom of stair and unpainted.

Structural Items: None this Addendum

MEP Items:

Item No. MEP1 – CHANGE – RE-ISSUE ALL PLUMBING SHEETS

P101: Lower Level Plumbing Demolition Plan:

- 1) Additional notes have been added and / or modified.

P102: Main Level Plumbing Demolition Plan:

- 1) Additional notes have been added and / or modified.

P103: Lower Level Plumbing Renovation Plan:

- 1) Additional notes have been added and / or modified.

P104: Main Level Plumbing Renovation Plan:

- 1) Additional notes have been added and / or modified.

P105: Upper Level Plumbing Renovation Plan:

- 1) Additional notes have been added and / or modified.

P601: Plumbing Schedules and Details:

- 1) Two isometric details are added for the Main Level sink S-1 drain, and modifications to the domestic water system for two sinks, the addition of a new backflow preventer, and the addition of an expansion tank.
- 2) An expansion tank schedule was added.

Approved Substitution Requests: None this Addendum

Attachments: Re-Issue Plumbing Sheets: 6 full size sheets
Current GC Plan holder List: 1 page


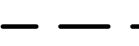
KEYED PLUMBING DEMOLITION NOTES

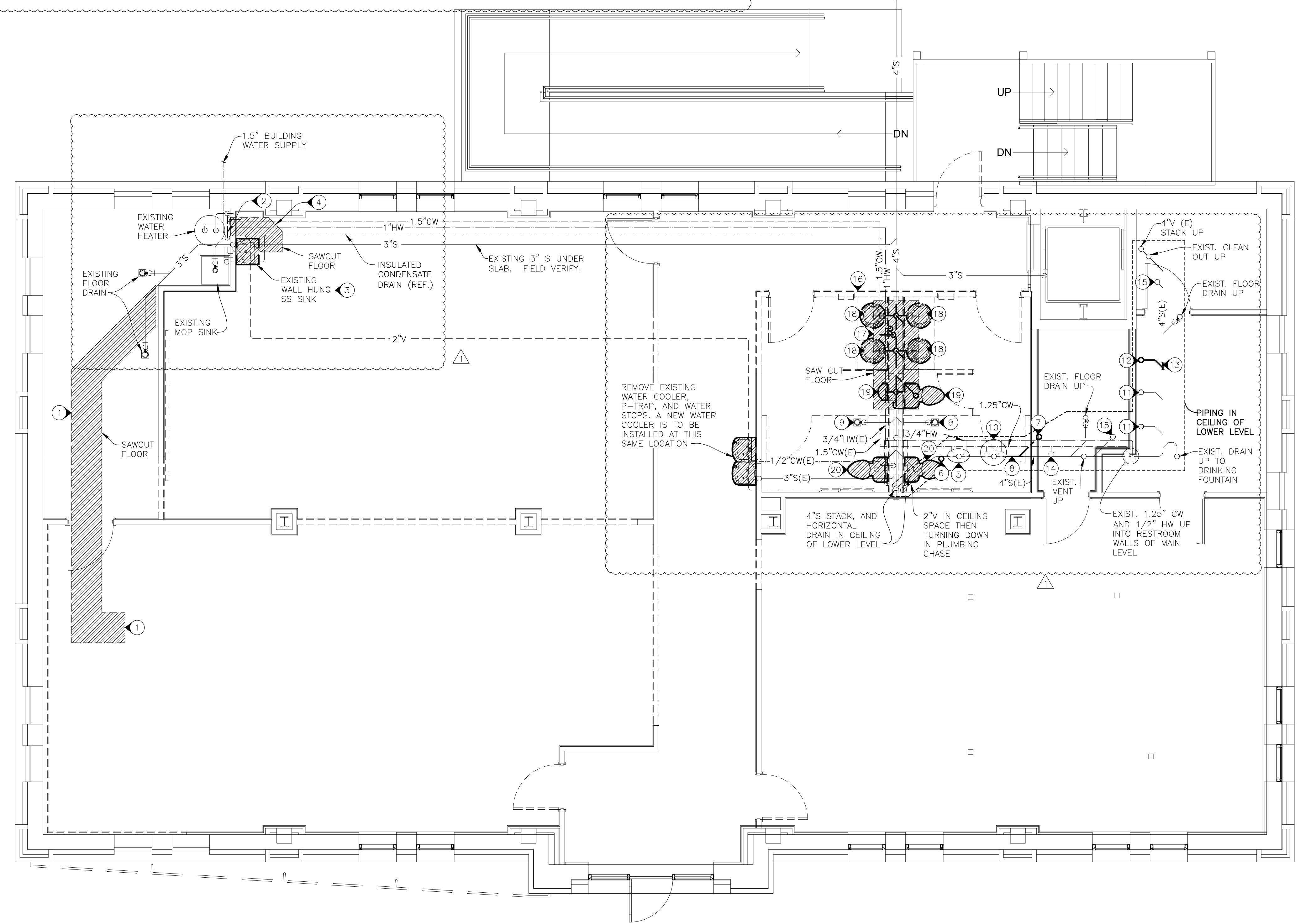
- 1 SAW CUT CONCRETE FLOOR AS REQUIRED TO INSTALL 3" DRAIN FOR NEW SINK S-2 AS SHOWN ON THE LOWER LEVEL PLUMBING RENOVATION PLAN, SHEET P103.
- 2 REMOVE PART OF THE ABOVE GRADE DOMESTIC WATER ENTRANCE PIPING AS REQUIRED TO INSTALL A NEW BACKFLOW PREVENTER. SEE SHEET P601, DETAIL 7.
- 3 REMOVE EXISTING WALL HUNG STAINLESS STEEL SINK, EXPOSED DRAIN, AND WATER SUPPLIES INCLUDING EXISTING STOPS. EXISTING SINK DRAIN AND IN-WALL WATER SUPPLY PIPING IS TO REMAIN. NEW DRAIN PIPING AND WATER STOPS/SUPPLIES ARE TO BE PROVIDED FOR NEW SINK AT THIS LOCATION.
- 4 SAW CUT EXISTING CONCRETE FLOOR, AND REMOVE PART OF THE SHEET ROCK WALL AS REQUIRED TO INSTALL NEW 2" DRAIN PIPE FROM MAIN LEVEL SINK, AND TO TIE INTO EXISTING 3" SUBGRADE BUILDING DRAIN. SEE SHEET P601, DETAIL 6.
- 5 REMOVE EXISTING HOT AND COLD WATER SUPPLY PIPES UP THROUGH THE CEILING DECK TO THE MAIN LEVEL. CAP WATER BRANCHES IN LOWER LEVEL CEILING. REMOVE EXISTING 2" DRAIN DOWN TO HORIZONTAL DRAIN IN LOWER LEVEL CEILING SPACE AND CAP.
- 6 REMOVE EXISTING VENT STACK UP THROUGH FLOOR. VENT IS BEING RELOCATED SLIGHTLY TO THE NORTH AS INDICATED ON LOWER LEVEL AND MAIN LEVEL PLUMBING RENOVATION PLANS.
- 7 THIS WC LOCATION WILL HAVE A NEW CHILD'S WC INSTALLED. REVISE DRAIN TOILET FLANGE LOCATION AND 3" DRAIN BRANCH AS REQUIRED TO MATCH THE NEW WC ROUGH-IN.
- 8 REMOVE DRAIN PIPE SECTION FOR THE INSTALLATION OF NEW 3" VERTICAL DRAIN STACK. NEW STACK WILL SERVE THE UPPER LEVEL RESTROOM.
- 9 EXISTING FLOOR DRAIN TO REMAIN.
- 10 EXISTING DRAIN AND WATER SUPPLIES UP TO MAIN LEVEL TO REMAIN FOR NEW LAVATORY

- 11 EXISTING DRAIN UP THROUGH FLOOR TO LAVATORY ON MAIN LEVEL.
- 12 REMOVE EXISTING URINAL DRAIN FROM MAIN LEVEL, BACK TO 4" HORIZONTAL DRAIN IN CEILING OF LOWER LEVEL.
- 13 REMOVE A PORTION OF THE EXISTING 4" HORIZONTAL DRAIN IN THE CEILING OF LOWER LEVEL TO PROVIDE SPACE FOR A NEW 3" WC BRANCH. A NEW CHILD'S WC WILL BE INSTALLED AT THE ORIGINAL URINAL LOCATION ON MAIN LEVEL.
- 14 EXISTING 1/2" CW SUPPLY UP TO WC TO BE REUSED FOR NEW CHILD'S TOILET.
- 15 EXISTING WC BRANCH TO REMAIN. BRANCH WILL BE REUSED WITH NEW WC.
- 16 NEW LOWER LEVEL RESTROOMS ARE SUBSTANTIALLY SHORTER IN THE EAST TO WEST DIRECTION, HOWEVER, THE EXISTING EAST TOILETS LOCATIONS WILL BE RETAINED, AND REUSED. NEW TOILETS WILL BE INSTALLED AS PART OF THE RENOVATION PLANS. THE EXISTING FOUR LAVATORIES, AS WELL AS THE URINAL, AND WEST TOILET ARE TO BE REMOVED, AND THE PIPING WILL BE MODIFIED AS INDICATED BELOW.
- 17 SAW CUT FLOOR AND REMOVE LAVATORY IN-WALL DRAIN, VENT, WC DRAIN, AND URINAL DRAIN/VENT PIPING. REMOVE IN-WALL DOMESTIC WATER PIPING BACK TO ABOVE THE CEILING AND CAP. A NEW 4" DRAIN PIPE, AND A SINGLE VERTICAL COMBINATION FITTING FOR THE NEW BACK-2-BACK LAVATORY DRAINS WILL BE INSTALLED PER THE RENOVATION PLANS.
- 18 REMOVE EXISTING LAVS INCLUDING EXPOSED DRAINS AND WATER SUPPLIES.
- 19 REMOVE EXISTING TOILET AND URINAL. IN-WALL PIPING IS TO BE REMOVED PER KEYED NOTE 17.
- 20 REMOVE EXISTING TOILET, AND WATER SUPPLY STOPS. A NEW TOILET WILL BE INSTALLED IN THE SAME LOCATION PER THE PLUMBING RENOVATION PLANS.

GENERAL PLUMBING DEMOLITION NOTES

- 1 NOT ALL EXISTING PLUMBING PIPING LOCATIONS AND SIZES ARE KNOWN. REPRESENTATION OF EXISTING SYSTEMS ON THESE SHEETS ARE BASED ON ORIGINAL DESIGN DRAWINGS, AND ON OBSERVED PIPING. PLUMBING CONTRACTOR WILL NEED TO VERIFY EXISTING BUILDING PIPING LOCATIONS AS REQUIRED TO INSTALL NEW PLUMBING SYSTEMS.
- 2 COVER ALL OPENINGS INTO THE BUILDING FROM THE WORK AREA. INSURE DEBRIS IS REMOVED FROM THE CONSTRUCTION AND DEMOLITION AREA AND AIR BORN DEBRIS IS NOT ALLOWED TO TRAVEL TO THE REMAINDER OF THE BUILDING.
- 3 INSTALL TEMPORARY CAPS AT TERMINATION POINTS OF EXISTING PIPING, ETC. TO REMAIN DURING DEMOLITION PHASES.
- 4 COORDINATE WITH EXISTING SYSTEMS WHICH SHALL REMAIN IN OPERATION DURING DEMOLITION AND CONSTRUCTION PHASES.
- 5 AFTER DEMOLITION; THE EXISTING WASTE, VENT, HOT AND COLD WATER PIPE SERVING EXISTING FIXTURES TO REMAIN SHALL BE RECONNECTED AND/OR REROUTED AS REQUIRED TO PROVIDE SERVICE TO THESE AND NEW FIXTURES.

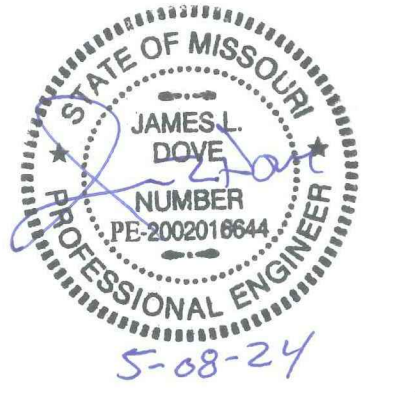
PLUMBING DEMO LEGEND	
	REMOVE EQUIPMENT OR FIXTURES
	REMOVE PIPING



1 LOWER LEVEL PLUMBING DEMOLITION PLAN SCALE: 1/4" = 1'-0"



Renovations of the Library on Kemper Campus
BOONSLICK REGIONAL LIBRARY
707 THIRD STREET
BOONVILLE, COOPER COUNTY, MISSOURI 65233



THE PROFESSIONAL ENGINEER'S SEAL AFFIXED TO THIS SHEET APPLIES ONLY TO THE MATERIAL AND ITEMS SHOWN ON THIS SHEET. ALL DRAWINGS, INSTRUMENTS OR OTHER DOCUMENTS NOT EXHIBITING THIS SEAL SHALL NOT BE CONSIDERED PREPARED BY THIS ENGINEER, AND THIS ENGINEER EXPRESSLY DISCLAIMS ANY AND ALL RESPONSIBILITY FOR SUCH PLANS, DRAWINGS OR DOCUMENTS NOT EXHIBITING THIS SEAL.

THIS DRAWING AND THE DETAILS ON IT ARE THE SOLE PROPERTY OF THE ENGINEER AND MAY BE USED FOR THIS SPECIFIC PROJECT ONLY. IT SHALL NOT BE LOANED, COPIED OR REPRODUCED, IN WHOLE OR IN PART, OR FOR ANY OTHER PURPOSE OR PROJECT WITHOUT THE WRITTEN CONSENT OF THE ENGINEER. COPYRIGHT © 2010 BY MIDWEST ENGINEERING & DESIGN.

DRAWINGS SHALL NOT BE SCALED. QUESTIONS ON DIMENSIONS SHALL BE REFERRED TO THE ENGINEER'S OFFICE. CONTRACTORS SHALL VERIFY AND COORDINATE ALL DIMENSIONS, DETAILS, AND JOB CONDITIONS.

Design By: GES
 Drawn By: GES
 Checked By: JLD

Revision	Date	No.
ADDENDUM #1	05-07-2024	1

Scale: 1/4" = 1'-0"
LOWER LEVEL PLUMBING DEMOLITION PLAN
 Date: 2024.05.03

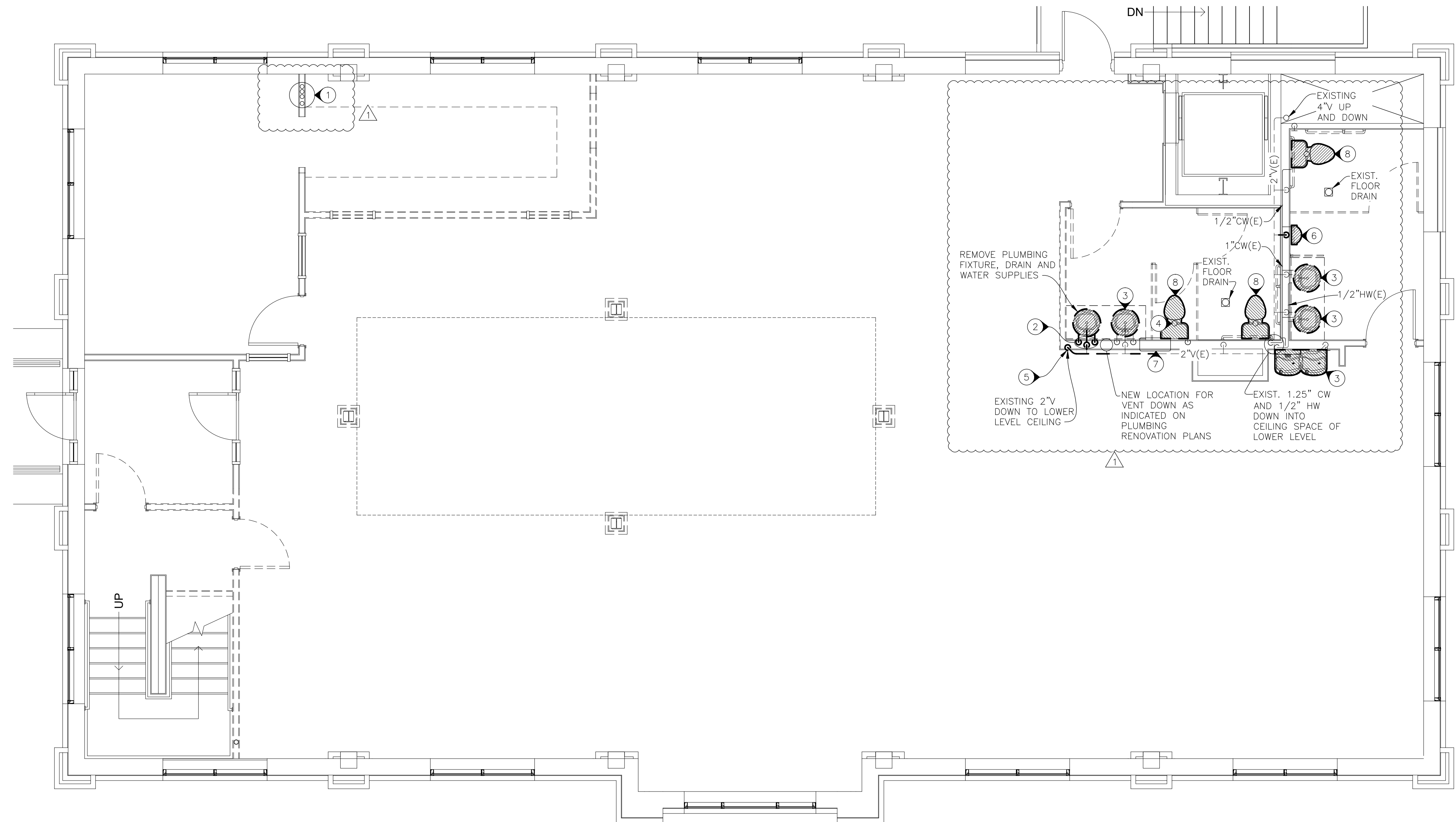
P101

GENERAL PLUMBING DEMOLITION NOTES

1 SEE SHEET P101.

KEYED PLUMBING DEMOLITION NOTES

- ① CORE-DRILL HOLES FOR THE NEW 2" DRAIN PIPE, 2" VENT, AND 1/2" INSULATED CW AND HW SUPPLIES TO NEW MAIN LEVEL SINK S-1.
- ② REMOVE EXISTING LAVATORY DRAIN DOWN THROUGH FLOOR. REMOVE VENT TO ABOVE CEILING. REMOVE EXISTING 1/2" CW AND HW DOWN THROUGH FLOOR AND CAP IN CEILING SPACE OF LOWER LEVEL.
- ③ REMOVE AND DISPOSE OF EXISTING PLUMBING FIXTURE. REMOVE EXPOSED DRAINS BACK TO WALL. REMOVE WATER SUPPLIES BACK TO AND INCLUDING STOPS. NEW TAILPIECES, P-TRAPS, STOPS, AND WATER SUPPLY TUBES ARE TO BE INSTALLED WITH NEW PLUMBING FIXTURES.
- ④ THIS WC LOCATION WILL HAVE A NEW CHILD'S WC INSTALLED. REVISE DRAIN TOILET FLANGE LOCATION AS REQUIRED TO MATCH THE NEW WC ROUGH-IN.
- ⑤ REMOVE EXISTING 2" VENT DOWN THROUGH FLOOR, AND UP TO ABOVE CEILING AS INDICATED. 2" VENT STACK WILL BE RE-INSTALLED AT NEW LOCATION TO FACILITATE WALL CHANGES AS INDICATED ON SHEET P104 MAIN LEVEL PLUMBING RENOVATION PLAN
- ⑥ REMOVE EXISTING URINAL, AND FLUSH VALVE. DEMO EXISTING IN-WALL WATER SUPPLY BACK TO MAIN. REMOVE IN-WALL DRAIN DOWN THROUGH FLOOR AND BACK TO MAIN AS INDICATED ON SHEET P101. DEMO VENT PIPING BACK TO MAIN AND CAP. A NEW WATER CLOSET WILL BE INSTALLED AT THIS LOCATION AS INDICATED ON THE RENOVATION PLANS.
- ⑦ NEW 3" DRAIN STACK WILL EXTEND DOWN FROM THE CEILING AND THROUGH THE FLOOR. VERIFY THERE IS NO PLUMBING IN THE WALL AREA THAT WOULD PROHIBIT THE ROUTING OF THIS NEW PIPE AS SHOWN ON THE RENOVATION PLANS. RELOCATE ANY IN-WALL PLUMBING TO FACILITATE NEW WASTE STACK.
- ⑧ REMOVE EXISTING WATER CLOSET, WATER SUPPLY TUBING AND WATER STOP. NEW WC WILL BE INSTALLED AT THE SAME LOCATION WITH NEW STOPS AND SUPPLIES AS SHOWN ON THE PLUMBING RENOVATION PLANS

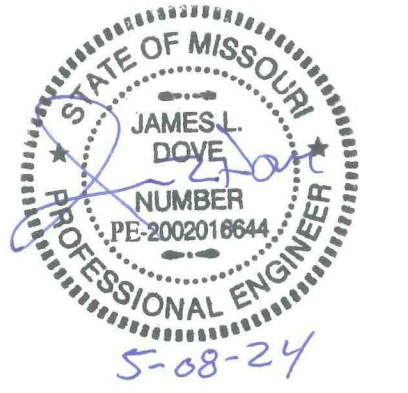


1 MAIN LEVEL PLUMBING DEMOLITION PLAN
SCALE: 1/4"=1'-0"



3100 Brown Station Rd. Suite C
Columbia, MO. 65202
(573) 875-0045 Phone
(573) 875-0046 FAX
WWW.MOENGINEERING.COM
Missouri State Certificate of Authority #2010032467

Renovations of the Library on Kemper Campus
BOONSLICK REGIONAL LIBRARY
707 THIRD STREET
BOONVILLE, COOPER COUNTY, MISSOURI 65233



THE PROFESSIONAL ENGINEER'S SEAL AFFIXED TO THIS SHEET APPLIES ONLY TO THE MATERIAL AND ITEMS SHOWN ON THIS SHEET. ALL DRAWINGS, INSTRUMENTS OR OTHER DOCUMENTS NOT EXHIBITING THIS SEAL SHALL NOT BE CONSIDERED PREPARED BY THIS ENGINEER, AND THIS ENGINEER EXPRESSLY DISCLAIMS ANY AND ALL RESPONSIBILITY FOR SUCH PLANS, DRAWINGS OR DOCUMENTS NOT EXHIBITING THIS SEAL.

THIS DRAWING AND THE DETAILS ON IT ARE THE SOLE PROPERTY OF THE ENGINEER AND MAY BE USED FOR THIS SPECIFIC PROJECT ONLY. IT SHALL NOT BE LOANED, COPIED OR REPRODUCED, IN WHOLE OR IN PART, OR FOR ANY OTHER PURPOSE OR PROJECT WITHOUT THE WRITTEN CONSENT OF THE ENGINEER. COPYRIGHT © 2010 BY MIDWEST ENGINEERING & DESIGN

DRAWINGS SHALL NOT BE SCALED. QUESTIONS ON DIMENSIONS SHALL BE REFERRED TO THE ENGINEER'S OFFICE. CONTRACTORS SHALL VERIFY AND COORDINATE ALL DIMENSIONS, DETAILS, AND JOB CONDITIONS.

Design By: **GES**
 Drawn By: **GES**
 Checked By: **JLD**

Revision	Date	No.
ADDENDUM #1	05-07-2024	1

Scale: 1/4" = 1'-0"
MAIN LEVEL PLUMBING DEMOLITION PLAN

Date: 2024.05.03

P102

KEYED PLUMBING NOTES

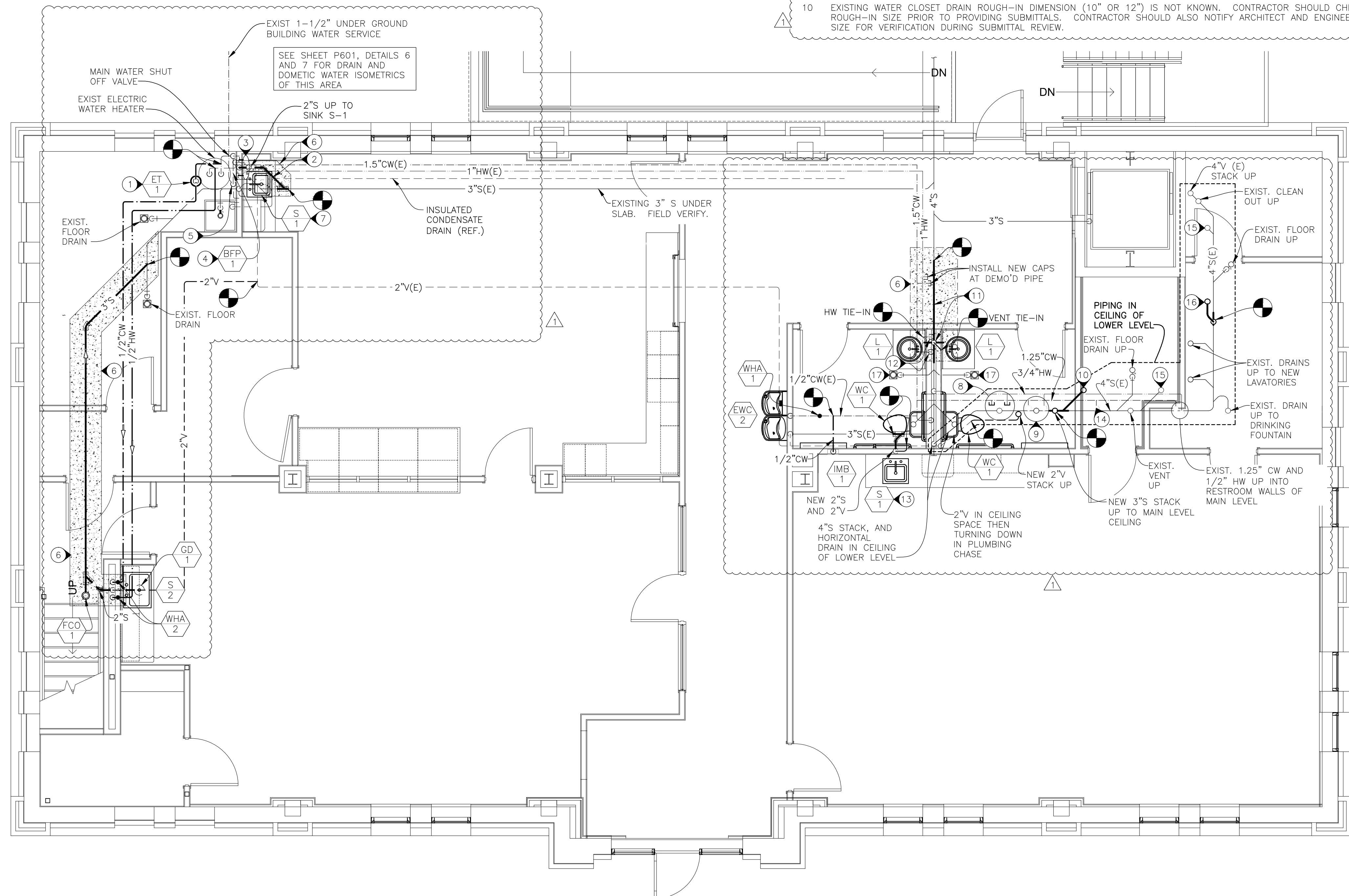
- 1 1/2" CW AND BALL VALVE FOR THE EXPANSION TANK INLET.
- 2 NEW 2"S SUBGRADE DRAIN FROM MAIN LEVEL SINK S-1. TIE NEW DRAIN INTO EXISTING 3" DRAIN
- 3 NEW 1/2" CW AND HW UP TO MAIN LEVEL SINK S-1. SEE DETAIL 7, SHEET P601.
- 4 INSTALL NEW BFP-1 AND NEW 1.5" CW SUPPLY PIPE FROM FLOOR ENTRANCE, TO EXISTING PIPE RECONNECTION. BFP-1 WITH STRAINER, AND NEW 1.5" BALL VALVE AT ENTRANCE ARE NOT SHOWN DUE TO CLARITY / CONGESTION. SEE DETAIL 7, ON SHEET P601 FOR DEMOLITION AND NEW PIPE INSTALLATION FOR BACKFLOW PREVENTER AND OTHER MODIFICATIONS.
- 5 EXISTING 1.5" CW BUILDING WATER ENTRANCE UP THROUGH FLOOR.
- 6 PATCH FLOOR WHICH WAS SAWCUT FOR INSTALLATION OF SUBGRADE DRAIN PIPING.
- 7 PROVIDE NEW WATER STOPS AND DRAIN PIPING. INSTALL NEW SINK S-1
- 8 CAPPED EXISTING DRAIN BRANCH AND WATER SUPPLIES FROM DEMOLISHED LAVATORY ON MAIN LEVEL.
- 9 EXISTING MAIN LEVEL LAVATORY DRAIN AND WATER SUPPLIES TO REMAIN AS IS, AND ARE TO BE REUSED WITH REPLACED LAVATORY.
- 10 3" WC BRANCH UP TO NEW WC-2 (CHILD'S TOILET). AS NOTED ON DEMOLITION SHEETS, CONTRACTOR SHOULD EVALUATE THE EXISTING WC ROUGH-IN LOCATION. IF THE ROUGH-IN IS NOT CORRECT FOR THE NEW WC-2, THE EXISTING WC BRANCH IS TO BE REMOVED, AND RE-INSTALLED AT THE CORRECT LOCATION.

- 11 INSTALL NEW 4" SUBGRADE DRAIN WHERE THE ORIGINAL LAVATORY, WC, AND URINAL DRAIN CONNECTIONS WERE REMOVED AS INDICATED ON THE DEMOLITION PLANS. INSTALL A NEW COMBINATION FITTING AND VERTICAL 2" DRAIN, AND VENT FOR THE NEW BACK-2-BACK LAVATORIES.
- 12 TIE INTO EXISTING URINAL WATER SUPPLY, AND EXTEND 1/2" CW DOWN TO THE LAVATORIES. TIE A NEW 1/2" HW INTO THE ABOVE CEILING HW PIPE AND EXTEND TO THE NEW LAVATORIES.
- 13 ROUTE 1/2" CW AND HW FROM ABOVE CEILING WATER PIPING TO NEW SINK S-1.
- 14 EXISTING 1/2" CW UP TO MAIN LEVEL FIXTURE.
- 15 EXISTING WC DRAIN UP TO MAIN LEVEL TOILET.
- 16 INSTALL NEW 3" DRAIN FROM NEW MAIN LEVEL WC-2 (CHILD'S TOILET) AND TIE INTO EXISTING 4" DRAIN IN THE LOWER LEVEL CEILING.
- 17 EXISTING FLOOR DRAIN.

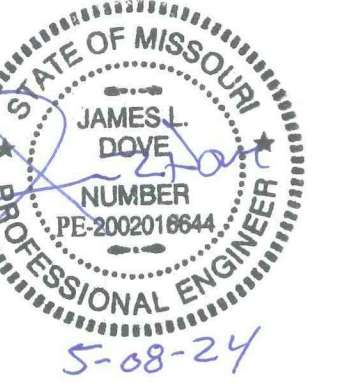
GENERAL PLUMBING NOTES

- 1 PLUMBING LAYOUTS ARE SCHEMATIC ONLY. THE EXACT LOCATION AND SIZE OF ALL EXISTING DOMESTIC WATER, SANITARY WASTE AND VENT PIPES HAVE NOT BEEN VERIFIED, AND SOME INDICATED PIPING IS BASED ON THE ORIGINAL DESIGN DRAWINGS. COORDINATE WITH EXISTING SYSTEMS AND PLUMBING FIXTURES WHICH ARE TO REMAIN AFTER DEMOLITION. RELOCATE AND REROUTE NEW OR EXISTING PIPE TO ACCOMMODATE A COMPLETE AND WORKING SYSTEM.
- 2 PIPE SIZES ARE MARKED ALONG THE LENGTH OF RUNS ON THE PLAN. IF THE PIPE SIZE CHANGES ON EITHER SIDE OF A FITTING, A REDUCER FITTING IS IMPLIED. PLUMBING PIPE LAYOUTS ARE DRAWN FOR DESIGN INTENT AND CLARITY. CONTRACTOR SHALL MINIMIZE THE NUMBER OF TURNS AND FITTINGS WHEREVER POSSIBLE WHILE MAINTAINING DESIGN INTENT.
- 3 FABRICATION, INSTALLATION AND TESTING OF ALL PLUMBING SYSTEMS SHALL BE IN ACCORDANCE WITH ALL STATE AND LOCAL PLUMBING CODES.
- 4 COORDINATE ALL CASE WORK, MILL WORK, FREE STANDING PLUMBING FIXTURES, FLOOR, WALL FINISHES AND EQUIPMENT WITH ARCHITECTURAL DRAWINGS.
- 5 PROVIDE SUITABLE SUPPORTS FOR STABILITY OF ALL PLUMBING FIXTURES AND PIPE.
- 6 COORDINATE INSTALLATION OF PLUMBING SYSTEMS WITH OTHER TRADES.
- 7 PROVIDE PROTECTIVE ADA INSULATION UNDER ALL EXPOSED LAVATORIES AND SINKS. INSULATION SHALL BE TRUE-BRO, OR EQUIVALENT MANUFACTURED ADA INSULATION, AND IS TO BE INSTALLED ON ALL EXPOSED DRAIN AND WATER SUPPLY PIPES.
- 8 ALL SENSOR FAUCETS ARE TO HAVE A THERMOSTATIC TEMPERATURE MIXING VALVE WHETHER INDICATED OR NOT.
- 9 SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS BEYOND THOSE INDICATED ON THE DRAWINGS. SUBMITTALS ARE TO CONTAIN ONLY PROJECT SPECIFIC PRODUCT DATA. SUBMITTALS CONTAINING PRODUCTS NOT FOUND ON THE PROJECT WILL BE REJECTED. PIPE SUBMITTALS SHALL CONTAIN PIPE MATERIALS AND JOB SPECIFIC FITTINGS ONLY. DO NOT SUBMIT ON HANGER INFORMATION, ALLTHREAD, ANCHORS, CLIPS, NUTS, BOLTS, MASTICS, SOLDER, FLUX, PVC CEMENT, PVC PRIMER OR FIRE CAULK/FIRE PENETRATION PRODUCTS OR DETAILS. DO NOT SUBMIT CATALOG PAGES OF FITTING DIMENSIONS. DO NOT SUBMIT CHEMICAL RESISTANCE INFORMATION, MSDS SHEETS, TOXICOLOGY, ECOLOGICAL, OR LEED INFORMATION. DO NOT SUBMIT INSTALLATION INSTRUCTIONS UNLESS SPECIFICALLY REQUESTED. ALL PROPOSED ITEMS IN SUBMITTALS SHOULD BE HIGHLIGHTED OR MARKED. SUBMITTALS THAT CONTAIN EXCESSIVE ITEMS LISTED ABOVE, OR NON-HIGHLIGHTED/MARKED ITEMS WILL BE REJECTED.
- 10 EXISTING WATER CLOSET DRAIN ROUGH-IN DIMENSION (10" OR 12") IS NOT KNOWN. CONTRACTOR SHOULD CHECK THE ROUGH-IN SIZE PRIOR TO PROVIDING SUBMITTALS. CONTRACTOR SHOULD ALSO NOTIFY ARCHITECT AND ENGINEER OF THIS SIZE FOR VERIFICATION DURING SUBMITTAL REVIEW.

PLUMBING LEGEND	
	CONNECTION TO EXISTING SYSTEM
	PIPE BREAK (CONTINUES ON)
	DEVICE SCHEDULE TAG
	KEYED NOTE SPECIFIC TO LOCATION ON PLAN
(E)	EXISTING PIPE
CO	CLEAN OUT PLUG
	PIPE UP, PIPE DOWN, PIPE REDUCER
	BALL VALVE
	SWING CHECK VALVE
	SANITARY DRAIN OR WASTE (S)
	PLUMBING VENT (V)
	POTABLE COLD WATER LINE (CW)
	POTABLE HOT WATER RETURN LINE (HWR)



1 LOWER LEVEL PLUMBING RENOVATION PLAN
SCALE: 1/4" = 1'-0"



THE PROFESSIONAL ENGINEER'S SEAL AFFIXED TO THIS SHEET APPLIES ONLY TO THE MATERIAL AND ITEMS SHOWN ON THIS SHEET. ALL DRAWINGS, INSTRUMENTS OR OTHER DOCUMENTS NOT EXHIBITING THIS SEAL SHALL NOT BE CONSIDERED PREPARED BY THIS ENGINEER, AND THIS ENGINEER EXPRESSLY DISCLAIMS ANY AND ALL RESPONSIBILITY FOR SUCH PLANS, DRAWINGS OR DOCUMENTS NOT EXHIBITING THIS SEAL.

THIS DRAWING AND THE DETAILS ON IT ARE THE SOLE PROPERTY OF THE ENGINEER AND MAY BE USED FOR THIS SPECIFIC PROJECT ONLY. IT SHALL NOT BE LOANED, COPIED OR REPRODUCED, IN WHOLE OR IN PART, OR FOR ANY OTHER PURPOSE OR PROJECT WITHOUT THE WRITTEN CONSENT OF THE ENGINEER. COPYRIGHT © 2010 BY MIDWEST ENGINEERING & DESIGN

DRAWINGS SHALL NOT BE SCALED. QUESTIONS ON DIMENSIONS SHALL BE REFERRED TO THE ENGINEER'S OFFICE. CONTRACTORS SHALL VERIFY AND COORDINATE ALL DIMENSIONS, DETAILS, AND JOB CONDITIONS.

Design By: GES
Drawn By: GES
Checked By: JLD

Revision	Date	No.
ADDENDUM #1	05-07-2024	1

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

LOWER LEVEL
PLUMBING
RENOVATION PLAN

Date: 2024.05.03

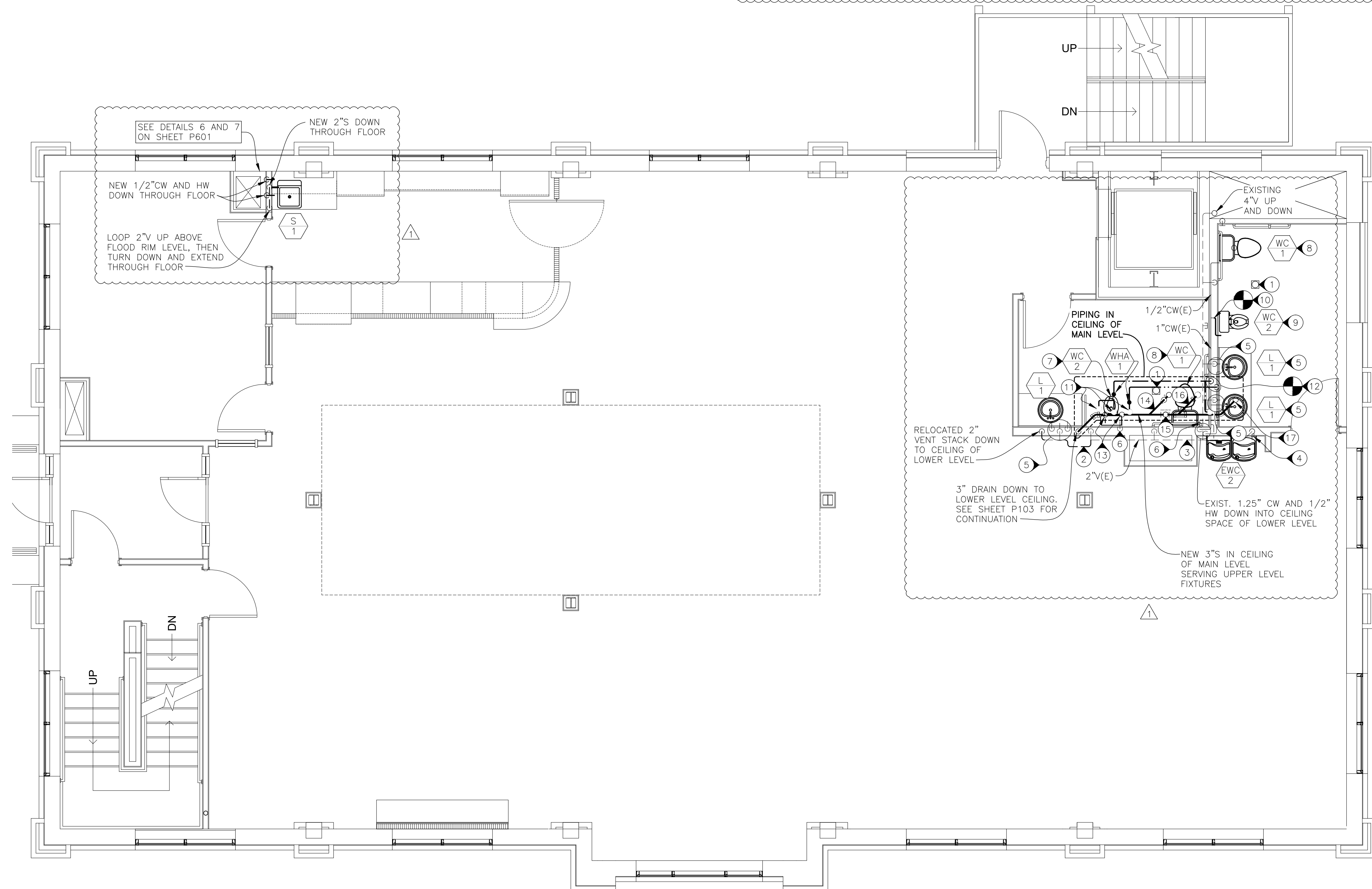
P103

GENERAL PLUMBING NOTES

1 SEE SHEET P103 FOR GENERAL RENOVATION NOTES.

KEYED PLUMBING NOTES

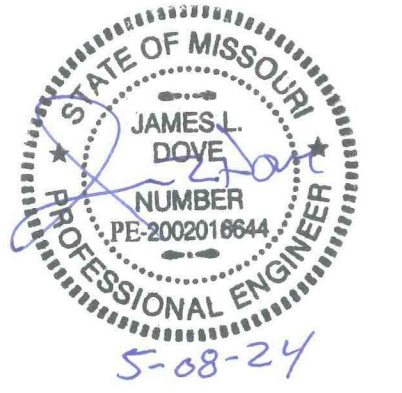
- 1 EXISTING FLOOR DRAIN.
- 2 REROUTE HORIZONTAL VENT AS REQUIRED TO ALLOW THE INSTALLATION OF THE NEW 3" DRAIN STACK
- 3 EXISTING VENT IN CEILING OF MAIN LEVEL.
- 4 EXISTING CLEANOUT AND DRAIN FOR DRINKING FOUNTAIN.
- 5 EXISTING DRAIN, VENT AND DOMESTIC WATER. INSTALL NEW LAVATORY ON MAIN LEVEL AND CONNECT TO DRAIN AND WATER. INSTALL NEW WATER SUPPLY STOPS
- 6 EXISTING 1/2" CW WC SUPPLY TO MAIN LEVEL WC. INSTALL NEW WATER STOP.
- 7 INSTALL NEW WC-2 (CHILD TOILET) ON MAIN LEVEL. SEE NOTES ON DEMOLITION SHEETS, AND SHEET P103 FOR EVALUATION AND POSSIBLE REPLACEMENT OF 3" WC BRANCH AND WC FLANGE TO MEET THE INSTALLATION ROUGH-IN LOCATION.
- 8 INSTALL NEW MAIN LEVEL WC AT SAME LOCATION AS ORIGINAL WC.
- 9 INSTALL NEW 3" DRAIN WC BRANCH FOR MAIN LEVEL WC-2. INSTALL WC AND CONNECT TO NEW 1/2" CW SUPPLY.
- 10 INSTALL NEW 1/2" CW SUPPLY PIPE IN-WALL FROM EXISTING DEMO'D URINAL WATER SUPPLY, TO NEW WC-2 CONNECTION LOCATION.
- 11 1/2" CW AND HW IN MAIN LEVEL CEILING UP TO UPPER LEVEL LAVATORY AND DRINKING FOUNTAIN.
- 12 CONNECT NEW 1/2" CW AND HW TO EXISTING MAIN LEVEL IN-WALL WATER PIPING. EXTEND NEW PIPING UP INTO CEILING OF MAIN LEVEL TO SUPPLY UPPER LEVEL FIXTURES FROM BELOW.
- 13 NEW 2" DRAINS UP TO UPPER LEVEL DRINKING FOUNTAIN AND LAVATORY.
- 14 NEW 2" BRANCH AND P-TRAP UP TO UPPER LEVEL FLOOR DRAIN
- 15 2" CIRCUIT VENT UP TO CEILING OF UPPER LEVEL.
- 16 NEW 3" WC BRANCH UP TO UPPER LEVEL WC FLANGE AND TOILET.
- 17 NEW 3" S UP TO FLOOR CLEANOUT ON THE UPPER LEVEL.



1 MAIN LEVEL PLUMBING RENOVATION PLAN
SCALE: 1/4"=1'-0"



Renovations of the Library on Kemper Campus
BOONSLICK REGIONAL LIBRARY
707 THIRD STREET
BOONVILLE, COOPER COUNTY, MISSOURI 65233



THE PROFESSIONAL ENGINEER'S SEAL AFFIXED TO THIS SHEET APPLIES ONLY TO THE MATERIAL AND ITEMS SHOWN ON THIS SHEET. ALL DRAWINGS, INSTRUMENTS OR OTHER DOCUMENTS NOT EXHIBITING THIS SEAL SHALL NOT BE CONSIDERED PREPARED BY THIS ENGINEER, AND THIS ENGINEER EXPRESSLY DISCLAIMS ANY AND ALL RESPONSIBILITY FOR SUCH PLANS, DRAWINGS OR DOCUMENTS NOT EXHIBITING THIS SEAL.

THIS DRAWING AND THE DETAILS ON IT ARE THE SOLE PROPERTY OF THE ENGINEER AND MAY BE USED FOR THIS SPECIFIC PROJECT ONLY. IT SHALL NOT BE LOANED, COPIED OR REPRODUCED, IN WHOLE OR IN PART, OR FOR ANY OTHER PURPOSE OR PROJECT WITHOUT THE WRITTEN CONSENT OF THE ENGINEER. COPYRIGHT © 2010 BY MIDWEST ENGINEERING & DESIGN.

DRAWINGS SHALL NOT BE SCALED. QUESTIONS ON DIMENSIONS SHALL BE REFERRED TO THE ENGINEER'S OFFICE. CONTRACTORS SHALL VERIFY AND COORDINATE ALL DIMENSIONS, DETAILS, AND JOB CONDITIONS.

Design By: **GES**
 Drawn By: **GES**
 Checked By: **JLD**

Revision	Date	No.
ADDENDUM #1	05-07-2024	1

Scale: 1/4" = 1'-0"
MAIN LEVEL PLUMBING RENOVATION PLAN

Date: 2024.05.03

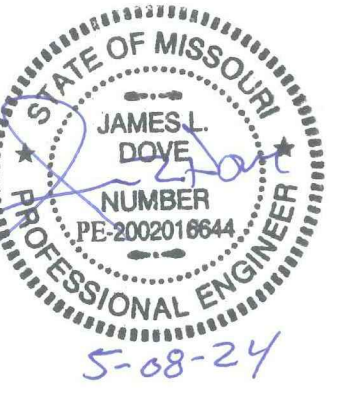
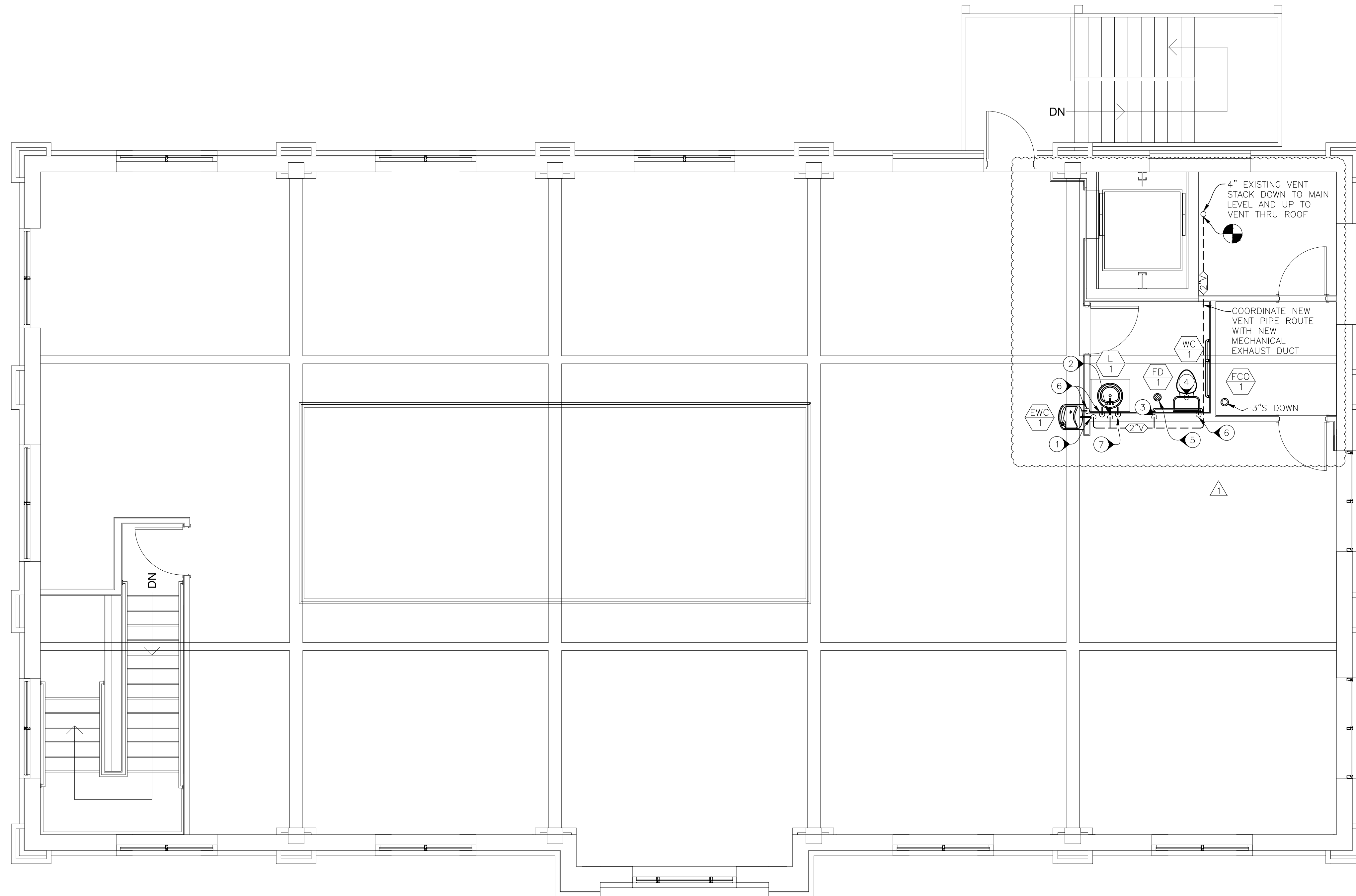
P104

GENERAL PLUMBING NOTES

1 SEE SHEET P103 FOR GENERAL RENOVATION NOTES.

KEYED PLUMBING NOTES

- ① DRINKING FOUNTAIN 2" DRAIN DOWN THROUGH FLOOR TO MAIN LEVEL CEILING. SEE SHEET P104 FOR CONTINUATION
- ② LAVATORY 2" DRAIN DOWN THROUGH FLOOR TO MAIN LEVEL CEILING. SEE SHEET P104 FOR CONTINUATION
- ③ 2" VENT PIPE DOWN THROUGH FLOOR TO MAIN LEVEL CEILING. SEE SHEET P104 FOR CONTINUATION
- ④ WC FLANGE. SEE SHEET P104 FOR CONTINUATION OF 3" WC BRANCH.
- ⑤ 2" FLOOR DRAIN BRANCH. SEE SHEET P104 FOR CONTINUATION.
- ⑥ 1/2" CW SUPPLY FROM BELOW. SEE SHEET P104 FOR CONTINUATION.
- ⑦ 1/2" HW SUPPLY FROM BELOW. SEE SHEET P104 FOR CONTINUATION.



THE PROFESSIONAL ENGINEER'S SEAL AFFIXED TO THIS SHEET APPLIES ONLY TO THE MATERIAL AND ITEMS SHOWN ON THIS SHEET. ALL DRAWINGS, INSTRUMENTS OR OTHER DOCUMENTS NOT EXHIBITING THIS SEAL SHALL NOT BE CONSIDERED PREPARED BY THIS ENGINEER, AND THIS ENGINEER EXPRESSLY DISCLAIMS ANY AND ALL RESPONSIBILITY FOR SUCH PLANS, DRAWINGS OR DOCUMENTS NOT EXHIBITING THIS SEAL.

THIS DRAWING AND THE DETAILS ON IT ARE THE SOLE PROPERTY OF THE ENGINEER AND MAY BE USED FOR THIS SPECIFIC PROJECT ONLY. IT SHALL NOT BE LOANED, COPIED OR REPRODUCED, IN WHOLE OR IN PART, OR FOR ANY OTHER PURPOSE OR PROJECT WITHOUT THE WRITTEN CONSENT OF THE ENGINEER. COPYRIGHT © 2010 BY MIDWEST ENGINEERING & DESIGN

DRAWINGS SHALL NOT BE SCALED. QUESTIONS ON DIMENSIONS SHALL BE REFERRED TO THE ENGINEER'S OFFICE. CONTRACTORS SHALL VERIFY AND COORDINATE ALL DIMENSIONS, DETAILS, AND JOB CONDITIONS.

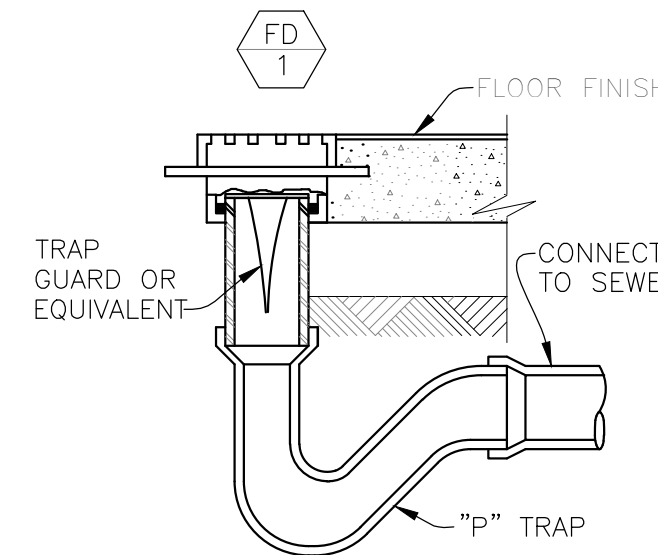
Design By: GES
 Drawn By: GES
 Checked By: JLD

Revision	Date	No.
ADDENDUM #1	05-07-2024	1

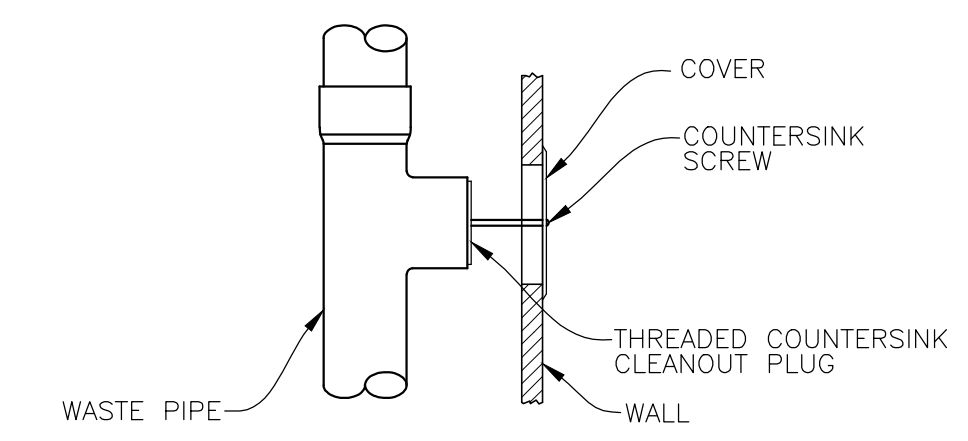
Scale: 1/4" = 1'-0"
UPPER LEVEL PLUMBING RENOVATION PLAN

Date: 2024.05.03

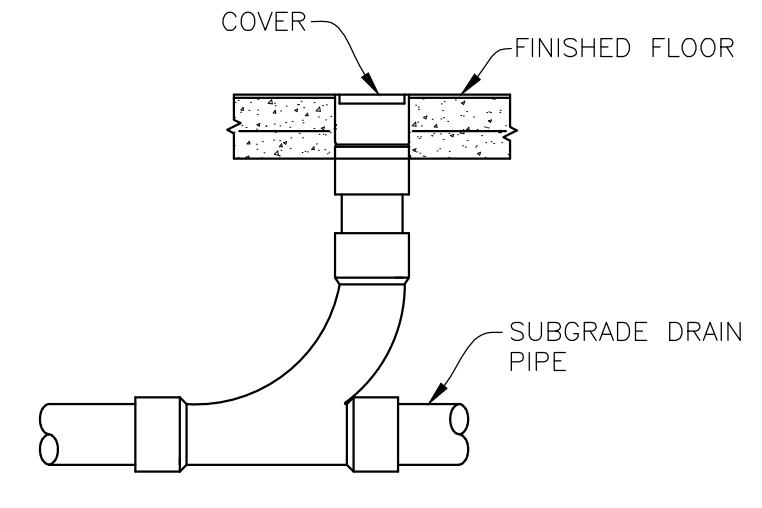
P105



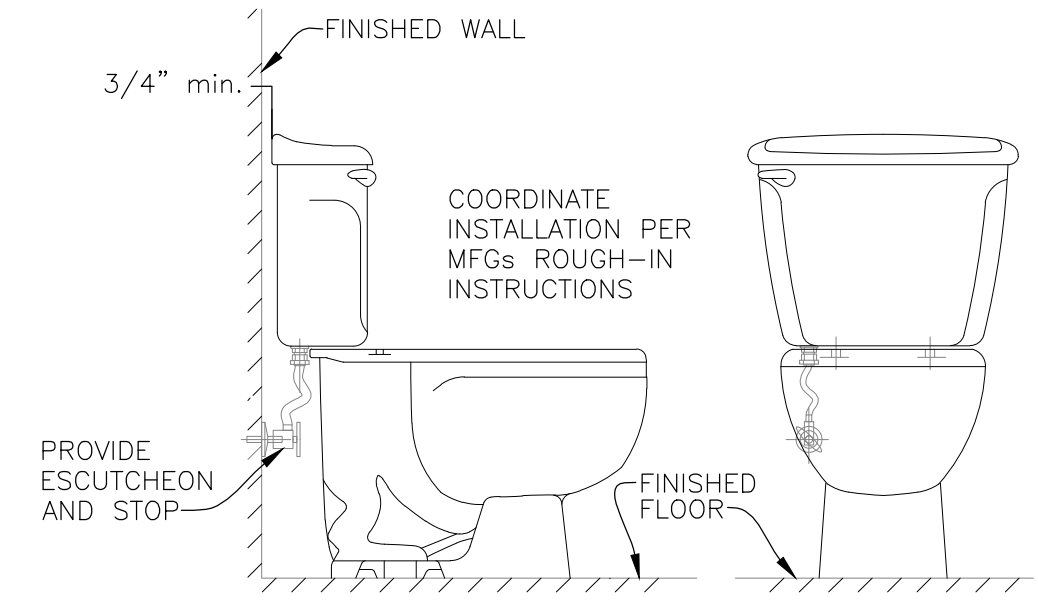
1 FLOOR DRAIN DETAIL
NO SCALE



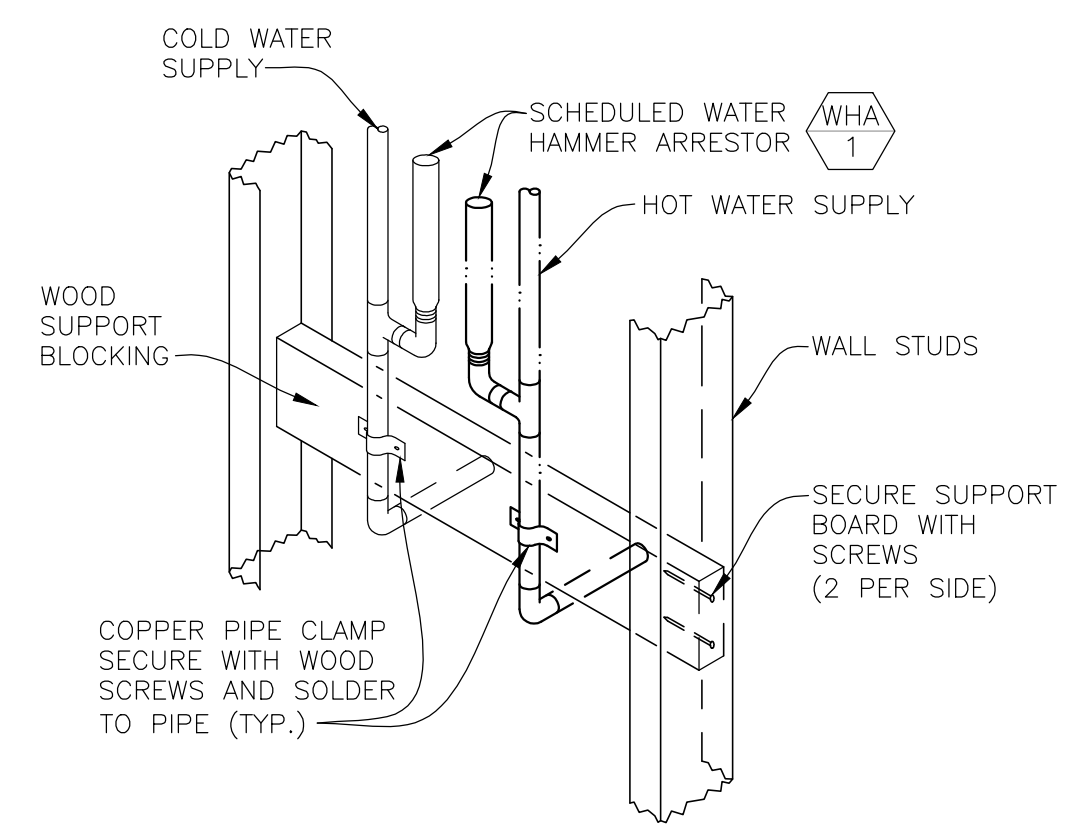
2 WALL CLEANOUT DETAIL
NO SCALE



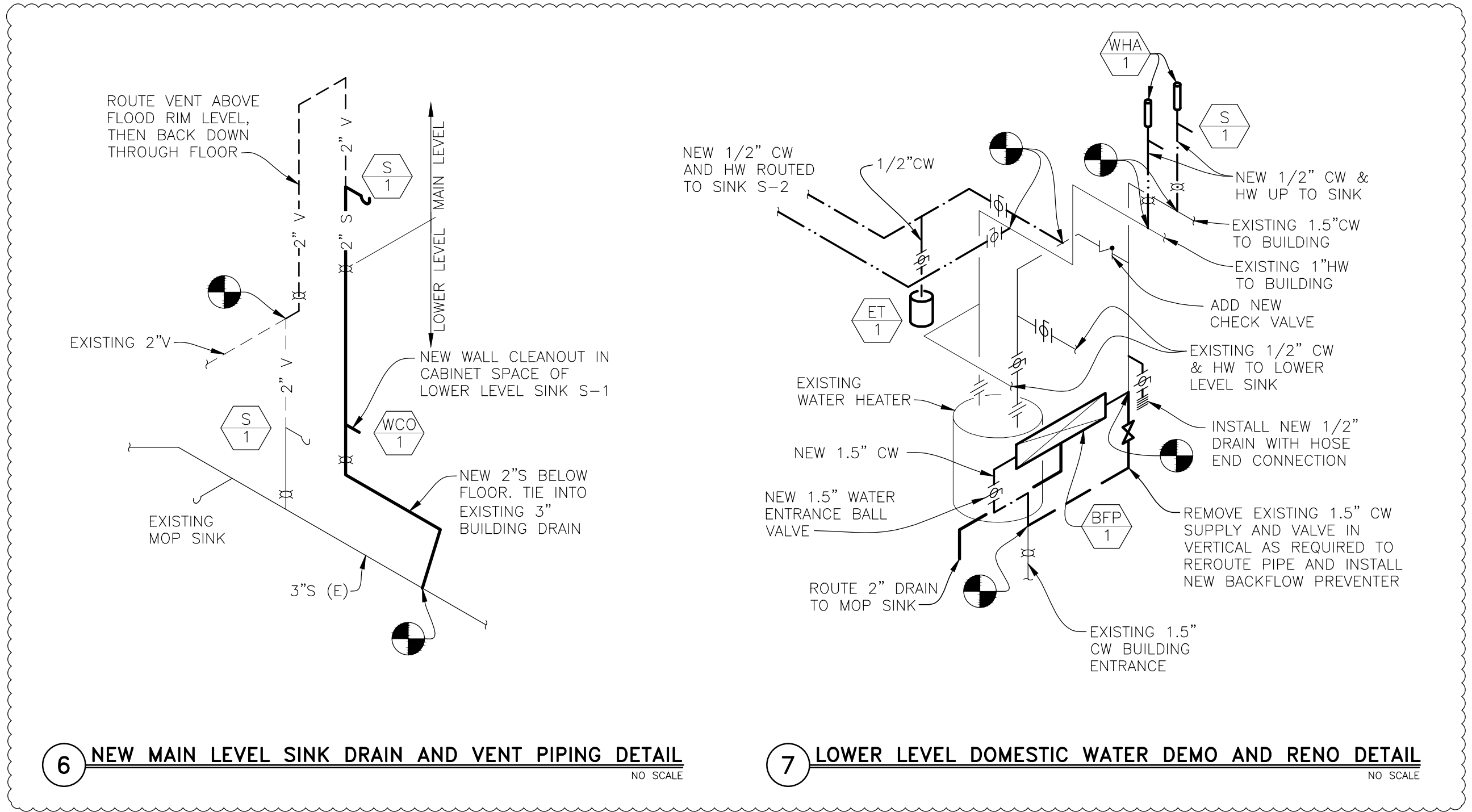
3 FLOOR CLEANOUT DETAIL
NO SCALE



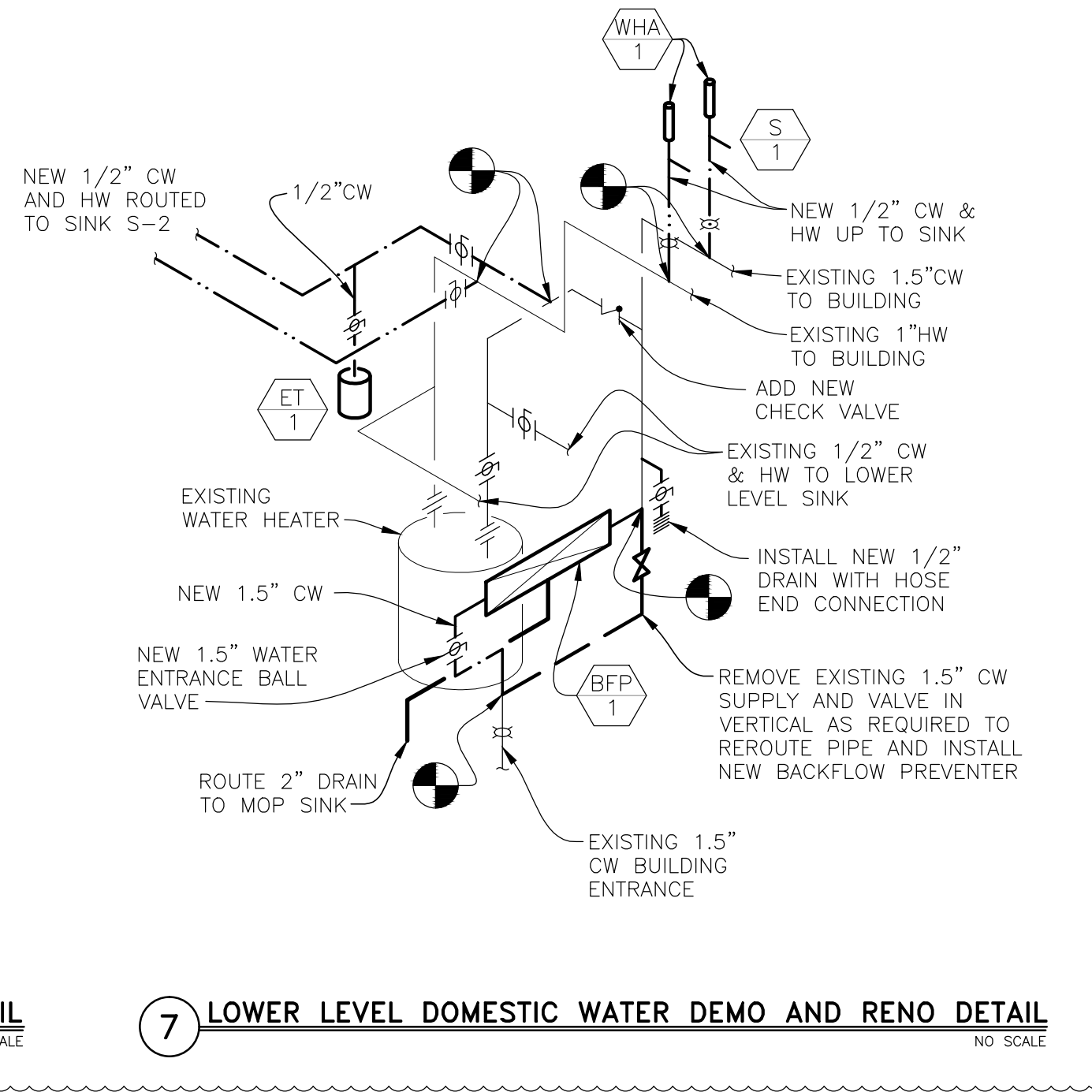
4 TANK TYPE TOILET DETAIL
NO SCALE



5 SINK/LAV WATER ROUGH-IN DETAIL
NO SCALE



6 NEW MAIN LEVEL SINK DRAIN AND VENT PIPING DETAIL
NO SCALE



7 LOWER LEVEL DOMESTIC WATER DEMO AND RENO DETAIL
NO SCALE

TOILET SCHEDULE					
TAG	MODEL	DESCRIPTION	CONNECTIONS	REMARK	NOTES
WC 1	AMERICAN STANDARD 2467.016	PRESSURE ASSIST TANK TYPE	3 INCH WASTE 0.5 INCH SUPPLY	CADET CHAIR HEIGHT ELONGATED, 1.6 GPF SIPHON JET FLUSH ACTION COLOR = WHITE	1,3 4
WC 2	AMERICAN STANDARD 2315.228	WATER CLOSET W/TANK	3 INCH WASTE 0.5 INCH SUPPLY	BABY DEVORO, 10" HIGH, ELONGATED, VITREOUS CHINA, 500 MAP SCORE, WHITE	2,3 4
NOTES					
1	AMERICAN STANDARD 5321.110	TOILET SEAT SPLIT FRONT ELONGATED	SS BOLTS TO TOILET	LESS COVER, WHITE, ANTI-MORCORBIAL PROTECTION	
2	AMERICAN STANDARD 5001C.005	TOILET SEAT SPLIT FRONT ELONGATED	SS BOLTS TO TOILET	LESS COVER, WHITE, ANTI-MORCORBIAL PROTECTION BABY DEVORO SEAT	
3	PROVIDE: CLOSET BOLTS, WAX RING, BRAIDED SUPPLY, 1/4 TURN STOP VALVE				
4	SEE PLUMBING GENERAL NOTES FOR SPECIFIC REQUIREMENTS FOR WATER STOPS				

LAVATORY SCHEDULE					
TAG	MODEL	DESCRIPTION	CONNECTIONS	REMARK	NOTES
L 1	Z-5220	LAVATORY, UNDERMOUNT 19"x16"	1.25 INCH WASTE	MFC: ZURN FRONT OVERFLOW 5" DEEP	1,2,3 4,5
NOTES					
1	AMTC AEF-301	SENSOR FAUCET -SH10-TMX	0.5" MIXED TEMP 3 HOLE MOUNT 4" CENTERS	LAVATORY FAUCET: BATTERY POWERED IR SENSOR SOLID BRASS SPOUT, WITH TEMPERATURE MIXING VALVE 1 GPM AERATOR	
2	ALL FAUCET SUBSTITUTIONS SHALL REQUIRE CERAMIC DISC CARTRIDGES				
3	PROVIDE: Z8743 DRAIN, Z8400-PC PTRAP, W/CLEAN-OUT				
4	ZURN Z9948-3	PIPE PROTECTOR	PVC STRAP	COMBINATION KIT: (1) TRAP, (2) STOP SUPPLY PROTECTORS AND (1) OFFSET DRAIN PROTECTOR	
5	SEE PLUMBING GENERAL NOTES FOR SPECIFIC REQUIREMENTS FOR WATER STOPS				

SINK SCHEDULE					
TAG	MODEL	DESCRIPTION	CONNECTIONS	REMARK	NOTES
S 1	ELKAY ECTRU21179T	18 GA. SINGLE BOWL UNDERMOUNT SINK	22.5"W X 18.5"L OVERALL 9" DEEP	POLISHED SATIN 304 STAINLESS STEEL FULL SPRAY SIDES AND BOTTOM WITH SIDE AND BOTTOM PADS	1,2 3
S 2	ELKAY LSR2722	18 GA. SINGLE BOWL UNDERMOUNT SINK	27"W X 22"L OVERALL 8" DEEP	SATIN, 304 STAINLESS STEEL, SIDE AND BOTTOM PADS	1,2 3
NOTES					
1	MOEN SLEEK 7864	HIGH ARC 1-HANDLE WATER PULL-DOWN 1-HOLE MOUNTING	0.5 INCH COLD/HOT	CHROME FINISH, 1.5 GPM, DURALAST CARTRIDGE	
2	PROVIDE: Z8743 DRAIN, Z8400-PC PTRAP, W/CLEAN-OUT				
3	SEE PLUMBING GENERAL NOTES FOR SPECIFIC REQUIREMENTS FOR WATER STOPS				

GARBAGE DISPOSAL SCHEDULE					
TAG	MODEL	DESCRIPTION	MOTOR	REMARKS	NOTES
GD 1	INSINKERATOR BADGER 1	GARBAGE DISPOSAL	1/3 HP, 120 V	PROVIDE WITH POWER CORD AND PLUG	

VALVE SCHEDULE					
TAG	MODEL	DESCRIPTION	CONNECTIONS	REMARK	NOTES
BFP 1	WATTS LF009-OT	RPZ TYPE BACKFLOW PREVENTER	1.25" SIZE 45 GPM	LEAD FREE CONSTRUCTION QUARTER TURN BALL VALVES AND UNION CONNECTIONS PROVIDE WITH STRAINER AND AIR GAP FITTING	
IMB 1	SIoux CHIEF 696-1010MF	ICE MAKER VALVE, OUTLET BOX	0.5" MPT-FSWT	VALVE: ICE MAKER OUTLET BOX WITH BALL VALVE AND AIR CUSHION HAMMER ARRESTER.	
WHA 1	SIoux CHIEF 652-AS	WATER HAMMER ARRESTER	VARIOUS, 1/2"-2" SWEAT	WATER HAMMER ARRESTOR (AIR CUSHION)	
NOTES					
1	BACKFLOW PREVENTER ASSEMBLIES ARE REQUIRED TO BE NSF 61/NSF 372 LEAD CONTENT COMPLIANT				

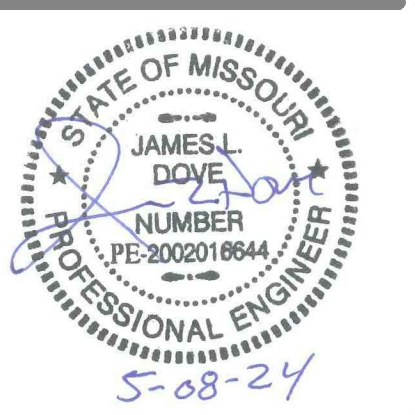
DRAIN WASTE AND VENT SCHEDULE					
TAG	MODEL	DESCRIPTION	CONNECTIONS	REMARKS	NOTES
FD 1	JAY R SMITH 2005Y-A	CAST IRON FLOOR DRAIN	SEE PLANS FOR PIPE SIZE	PROVIDE WITH NO-HUB CONNECTION ROUND NICKEL-BRONZE STRAINER TOP	1
WCO 1	JAY R SMITH 4472T	WALL C.O. PLUG AND S.S. COVER		ROUND STAINLESS STEEL WALL ACCESS COVER WITH SECURING SCREW AND BRONZE SLOT PLUG	
FCO 1	JAY R SMITH 4020S	FLOOR CLEANOUT	SEE PLANS FOR PIPE SIZE	CAST IRON BODY, NICKEL BRONZE TOP (ROUND), NO-HUB CONNECTION, ABS PLUG, CAST IRON BODY FLANGE AS REQUIRED.	
NOTES					
1	PROVIDE WITH PROVENT TRAP GUARD, OR EQUIVALENT				

DRINKING FOUNTAIN SCHEDULE					
TAG	MODEL	DESCRIPTION	CONNECTIONS	REMARK	NOTES
EW 1	ELKAY LZSBL	SINGLE WATER COOLER	1.25" SCH.40 WASTE 3/8" COLD WATER	DRINKING FOUNTAIN, SINGLE STATION LIGHT GREY GRANITE FINISH, 8 GPH, FLA=5, 120VAC 370 WATTS, PROVIDE WITH 1 REPLACEMENT FILTER	
EW 2	ELKAY LZSTLWLSPL	HI/LO WATER COOLER	1.25" SCH.40 WASTE 3/8" COLD WATER	DRINKING FOUNTAIN, TWO STATION WITH BOTTLE FILLER LIGHT GREY GRANITE FINISH, 8 GPH, FLA=5, 120VAC 370 WATTS, PROVIDE WITH 1 REPLACEMENT FILTER	
NOTES					
1	SEE PLUMBING GENERAL NOTES FOR SPECIFIC REQUIREMENTS FOR WATER STOPS				
2	PROVIDE WITH IN-WALL CARRIER				

EXPANSION TANK SCHEDULE					
TAG	MFG/MODEL	DESCRIPTION	CONNECTIONS	REMARKS	NOTES
ET 1	WATTS PLT-5	TANK EXPANSION	3/4" NPT	TANK: EXPANSION: POTABLE WATER, POLYPROPYLENE LINER, FLEXIBLE BUTYL DIAPHRAGM, ADJUSTABLE, PRE-CHARGED, 50 GALLON MAX	



Renovations of the Library on Kemper Campus
 BOONSLICK REGIONAL LIBRARY
 707 THIRD STREET
 BOONVILLE, COOPER COUNTY, MISSOURI 65233



THE PROFESSIONAL ENGINEER'S SEAL AFFIXED TO THIS SHEET APPLIES ONLY TO THE MATERIAL AND ITEMS SHOWN ON THIS SHEET. ALL DRAWINGS, INSTRUMENTS OR OTHER DOCUMENTS NOT EXHIBITING THIS SEAL SHALL NOT BE CONSIDERED PREPARED BY THIS ENGINEER, AND THIS ENGINEER EXPRESSLY DISCLAIMS ANY AND ALL RESPONSIBILITY FOR SUCH PLANS, DRAWINGS OR DOCUMENTS NOT EXHIBITING THIS SEAL.

 THIS DRAWING AND THE DETAILS ON IT ARE THE SOLE PROPERTY OF THE ENGINEER AND MAY BE USED FOR THIS SPECIFIC PROJECT ONLY. IT SHALL NOT BE LOANED, COPIED OR REPRODUCED, IN WHOLE OR IN PART, OR FOR ANY OTHER PURPOSE OR PROJECT WITHOUT THE WRITTEN CONSENT OF THE ENGINEER. COPYRIGHT © 2010 BY MIDWEST ENGINEERING & DESIGN.

 DRAWINGS SHALL NOT BE SCALED. QUESTIONS ON DIMENSIONS SHALL BE REFERRED TO THE ENGINEER'S OFFICE. CONTRACTORS SHALL VERIFY AND COORDINATE ALL DIMENSIONS, DETAILS, AND JOB CONDITIONS.

Design By: GES
 Drawn By: GES
 Checked By: JLD
 Revision: _____ Date: 05-07-2024
 ADDENDUM #: _____ No. _____

Scale: VARIES
 PLUMBING SCHEDULES AND DETAILS
 Date: 2024.05.03

P601

PLAN HOLDERS LIST – 05-17-2024

PROJECT: Renovations of the Library on the Kemper Campus – Boonville, MO
Bids Due: **Wednesday, May 29th, 2024 - 4:00 pm, CDT**
Bids will be received at the Project Location
707 Third Street - Boonville, MO 65233
Bids will be opened and read aloud at that time.

GENERAL CONTRACTORS

GBH Builders
Jake Hunget
estimating@gbhbuilders.com

P.O. Box 945, 3441 N. Ten Mile Drive
Jefferson City, MO 65109
Phone 573.893.3633

GloveCon Incorporated
Jake Long
jake.long@glovecon.com

1200 South Business 54
Fulton, MO 65251
Phone 573.642.6363

Prost Builders, Inc.
Vaughn Prost
estimating@prostbuilders.com

P.O. Box 1727
Jefferson City, MO 65102
Phone 573.635.0211

Septagon Construction
Billy Wundrack
bwundrack@septagon.com

3805 Mohave Court
Columbia, MO 65202
Phone 573.442.6187

Weldon Builders and Construction
Howard Weldon
Scott Weldon
howard@weldonbuilt.com
scott@weldonbuilt.com

924 Main Street
Trenton, MO 64683
Phone 660-247-3207

ARCHITECT: Porter, Berendzen & Associates, P.C.
573-657-2022 / jay@pba-architecture.com

200 South Henry Clay Blvd. - P.O. Box 446
Ashland, MO 65010

For informational purposes only. This list is subject to change. Additional Contractors / Sub-Contractors / Suppliers not included on this list may Bid the Project. Contractors / Sub-Contractors / Suppliers included here may elect not to Bid the Project.