

## RFI detail

## #274 ROOF DRAIN DISCREPANCY



Status	<span style="background-color: #ccc; border: 1px solid #ccc; padding: 2px;">Closed</span>
Created on	Feb 8, 2024 by <b>Mitchell Butler</b> (Crossland Construction Company)
RFI type	Default RFI workflow
Ball in court	<b>Mitchell Butler</b> (Crossland Construction Company)
Answered	Feb 21, 2024 by <b>Anne Worley</b> (Polk Stanley Wilcox Architects)

### Question

See the attached document. The roof drains located along grid lines 4-8 do not match.

-The architectural and BIM model have the drains drawn along grid lines 4-7. (see attached A103S) There is no piping at Grid line 4 to support the roof drains drawn in the architectural prints.

-The plumbing plans have them drawn along grid lines 5-8. (see attached P102A, P103A, and P105A)

The nearest roof drain to grid line 4B is at gridline 5B. CSUSA is unsure if there is enough room to run a pipe to grid line 4. There are no overflows close enough to grid line 4. These may need to run through the floor to level 0 or moved in the BIM/Architectural sheets to reflect the plumbing design.

Please advise on how to proceed.

### Official response

Anne Worley (Polk Stanley Wilcox Architects): The design team will issue a PR which will include adding piping for drain at grid 4 and revised architectural roof plan showing added drain and access manhole on grid 8. Piping for drains at grid 4 will tie in with grid 5 drain piping.

J.B. Mullins | PSW

By **Anne Worley** (Polk Stanley Wilcox Architects) - Feb 21, 2024, 7:42 AM CST

### References

#### Files (1)

- [AWSOM RFI \(Roof Drains - Northside Locations\).pdf](#)

**Sheets (4)**

- A103S
- P103A
- P102A
- P105A

**Impact**

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<b>Cost impact</b>	Unknown
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<b>Schedule impact</b>	Unknown
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**Other attributes**

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<b>Priority</b>	Normal
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<b>Discipline</b>	Architectural, Plumbing
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<b>Category</b>	Design Coordination
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<b>Location</b>	-
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<b>Location details</b>	-
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<b>External id</b>	-
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<b>Co-reviewer(s)</b>
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Activities	By	At
<p><b>Brady Gaudette</b> changed the status from <b>Open</b> Answered to <b>Closed</b></p> <p><b>Official response:</b> Anne Worley (Polk Stanley Wilcox Architects): The design team will issue a PR which will include adding piping for drain at grid 4 and revised architectural roof plan showing added drain and access manhole on grid 8. Piping for drains at grid 4 will tie in with grid 5 drain piping.</p> <p>J.B. Mullins   PSW</p>	<b>Brady Gaudette</b>	Feb 21, 2024, 7:43 AM CST
<p><b>Anne Worley</b> changed the status from <b>Open</b> In Review to <b>Open</b> Answered set Ball in court to <b>Mitchell Butler</b> (Crossland Construction Company).</p>	<b>Anne Worley</b>	Feb 20, 2024, 4:59 PM CST
<p><b>Anne Worley</b> added a response: The design team will issue a PR which will include adding piping for drain at grid 4 and revised architectural roof plan showing added drain and access manhole on grid 8. Piping for drains at grid 4 will tie in with grid 5 drain piping. J.B. Mullins   PSW</p>	<b>Anne Worley</b>	Feb 20, 2024, 4:59 PM CST
<p><b>Mitchell Butler</b> added a reference to a file <b>AWSOM RFI (Roof Drains - Northside Locations).pdf</b></p>	<b>Mitchell Butler</b>	Feb 8, 2024, 3:30 PM CST
<p><b>Mitchell Butler</b> added a reference to a sheet <b>P105A</b></p>	<b>Mitchell Butler</b>	Feb 8, 2024, 3:30 PM CST
<p><b>Mitchell Butler</b> added a reference to a sheet <b>P103A</b></p>	<b>Mitchell Butler</b>	Feb 8, 2024, 3:30 PM CST
<p><b>Mitchell Butler</b> added a reference to a sheet <b>P102A</b></p>	<b>Mitchell Butler</b>	Feb 8, 2024, 3:30 PM CST
<p><b>Mitchell Butler</b> added a reference to a sheet <b>A103S</b></p>	<b>Mitchell Butler</b>	Feb 8, 2024, 3:30 PM CST
<p><b>Mitchell Butler</b> (Crossland Construction Company) created this RFI in <b>Closed</b> status and set Ball in court to <b>Mitchell Butler</b> (Crossland Construction Company).</p>	<b>Mitchell Butler</b>	Feb 8, 2024, 3:30 PM CST

## REQUEST FOR INFORMATION OR CLARIFICATION

Location: Bentonville, AR Date: 02.08.24  
Job Name: AWSOM  
Contractor Name: Crossland  
Att: \_\_\_\_\_  
Sent by: Greg Hyatt  
  
RFI Title: Roof Drains - North side Locations  
  
Subject: Roof Drains (arch/plumbing) do not match  
Spec. Section: \_\_\_\_\_  
Drawing #: A103S, P102A, P103A, P105A, & BIM capture

REQUEST: The roof drains located along grid lines 4-8 do not match.

- The architectural and BIM model have the drawn along grid lines 4-7. (see attached A103S) There is no piping at Grid line 4 to support the roof drains drawn in the architectural prints.
- The Plumbing plans have them drawn along grid lines 5-8. (see attached P102A, P103A, & P105A)

The nearest Roof drain to grid line 4B is at grid line 5B. not sure there is enough room to run a pipe to grid line 4. There are no Overflows close enough to grid line 4. These may need to run through the floor to Level 0 or moved in the BIM/Arch to reflect the plumbing design.

Please let us know how to proceed.

ACTION REQUIRED BY: \_\_\_\_\_

Date Received \_\_\_\_\_

RESPONSE:

Response By: \_\_\_\_\_  
Title: \_\_\_\_\_

Date: \_\_\_\_\_

PLAN SYMBOLS LEGEND

- VIEW DIRECTION  
DETAIL NUMBER, TYP.  
SHEET NUMBER, TYP.
- BUILDING ELEVATIONS, MAIN
- BUILDING SECTION KEY
- WALL SECTION KEY
- DETAIL CALLOUT
- INTERIOR ELEVATION
- COLUMN GRID, NEW
- COLUMN GRID, EXISTING
- ROOM NAME / NUMBER
- DOOR TAG, STANDARD
- WINDOW TAG
- ALUMINUM WINDOW SYSTEM TAG
- WALL PARTITION TAG
- FIRE EXTINGUISHER CABINET
- FIRE EXTINGUISHER - BRACKET MOUNT
- REVISION CLOUD W/ DELTA

**POLK STANLEY WILCOX**  
 801 South Spring Street  
 Little Rock, AR 72201  
 501.378.0878 office  
 509 W. Spring St. | Suite 150  
 Fayetteville, AR 72701  
 479.444.0633 office  
 polkstanleywilcox.com

CIVIL:  
 McCalland Consulting Engineers, Inc.  
 1580 E STEARNS ST  
 FAYETTEVILLE, AR 72703  
 P: 479.443.2377

LANDSCAPE  
 OSD  
 115 ST. JOHNS PLACE  
 BROOKLYN, NY 11217  
 P: 917.553.5886

STRUCTURAL  
 Martin Martin Consulting Engineers  
 506 SOUTH WALTON BLVD., STE 27  
 BENTONVILLE, AR 72712  
 P: 479.493.9345

MEPF - LOW VOLTAGE  
 Henderson Engineers  
 6346 LENSEA DRIVE, STE 300  
 LENOIR, NC 28624  
 P: 913.606.8187

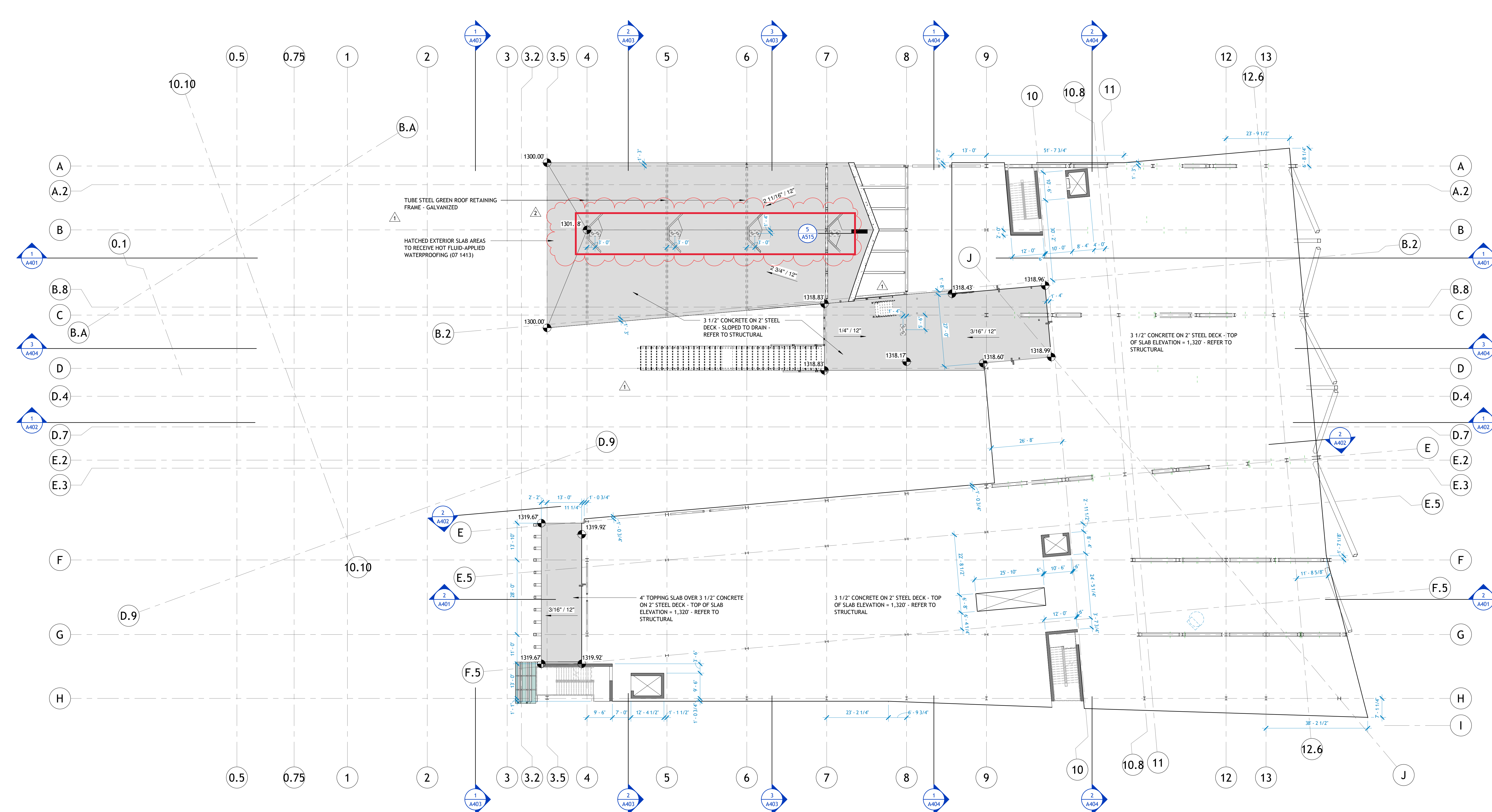
SUSTAINABILITY  
 SOM  
 224 SOUTH MICHIGAN AVENUE  
 CHICAGO, IL 60604  
 P: 312.360.4121

SIGNAGE + WAYFINDING  
 TWO TWELVE  
 236 W. 27th ST., SUITE 802  
 NEW YORK, NY 10001  
 P: 212.254.9870

FOOD SERVICE  
 JMC HOSPITALITY  
 856 SIX PINES DR., SUITE 8210  
 THE WOODLANDS, TX 77380  
 P: 689.841.2222

WATER FEATURES  
 OTL  
 2150 S. TOWNE CENTER, SUITE 100  
 ANAHEIM, CA 92806  
 P: 714.637.4747

IRRIGATION  
 WC3 DESIGN  
 11A ROBINSON MANOR BLVD.  
 ROCKESS ROCK, PA 16155  
 P: 844.231.7042



**1 LEVEL 3 - SLAB EDGE PLAN**  
 1/16" = 1'-0"



PSW Job Number:  
**993A**



**AWSOM**  
 Bentonville, AR

Issue Date:  
**02.24.2023**

REVISIONS		
NUMBER	DATE	DESCRIPTION
1	03.13.2023	ACCENDIAM.1
2	06.09.2023	ACCENDIAM.2

Contents:  
**SLAB EDGE PLAN**

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**A103S**

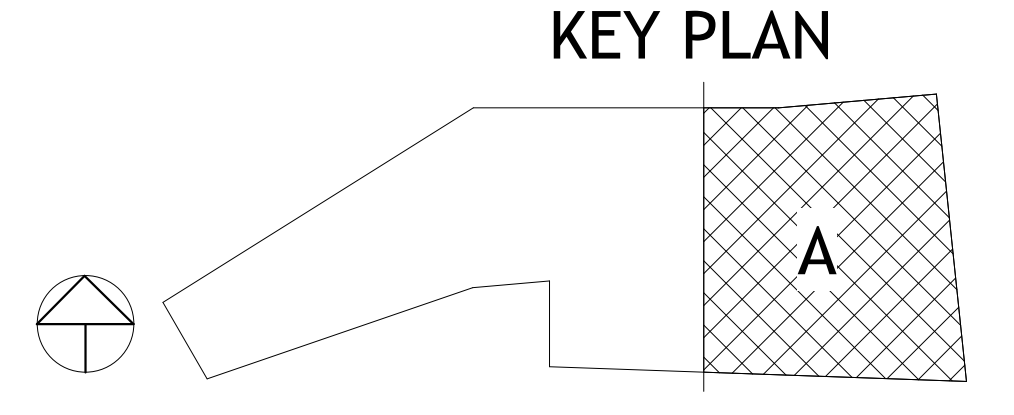
02/24/2023 10:52 AM C:\PROJECTS\993A\993A.dwg A103S.dwg



- PLUMBING PLAN NOTES:**
- P1 DO NOT INSTALL PLUMBING PIPING OVER ELECTRICAL PANELS OR EQUIPMENT.
  - P6 HUB DRAINS RECEIVING PIPING SHALL BE RAISED AS REQUIRED TO PREVENT MAINTENANCE WATER FROM ENTERING DRAIN. ALL CONDENSATE PIPING SHALL BE CONNECTED TO STORM WATER SYSTEM PER CITY REGULATIONS.
  - P11 ROOF DRAIN AND OVERFLOW ROOF DRAIN TO BE RECESSED IN LANDSCAPING. COORDINATE FINAL DRAIN LOCATIONS WITH LANDSCAPE DESIGN. REFER TO LANDSCAPING DRAWINGS FOR ALL MOUNTING INFORMATION AND DETAILS.
  - P15 SANITARY PIPING ROUTED ABOVE CEILING OR THROUGH STRUCTURE OVERHEAD SERVING PLUMBING FIXTURE ON LEVEL ABOVE. COORDINATE ROUTING WITH ALL OTHER DISCIPLINES.
  - P16 ROUTE CONDENSATE DRAIN PIPING FROM HVAC UNIT TO NEAREST HUB DRAIN OR CONDENSATE DRAIN BOX. ALL CONDENSATE DRAINS SHALL BE ROUTED TO STORM DRAIN SYSTEM.



1 PLUMBING WASTE & VENT - LEVEL 2 PLAN - AREA A  
1/8" = 1'-0"



PSW Job Number:  
**993A**  
Henderson Job Number:  
**2150002607**

**AWSOM**  
Bentonville, AR

Issue Date:  
**02.24.2023**

REVISIONS		
NUMBER	DATE	DESCRIPTION
1	03/10/2023	As Issued

Consents:  
**PLUMBING WASTE & VENT - LEVEL 2 PLAN - AREA A**



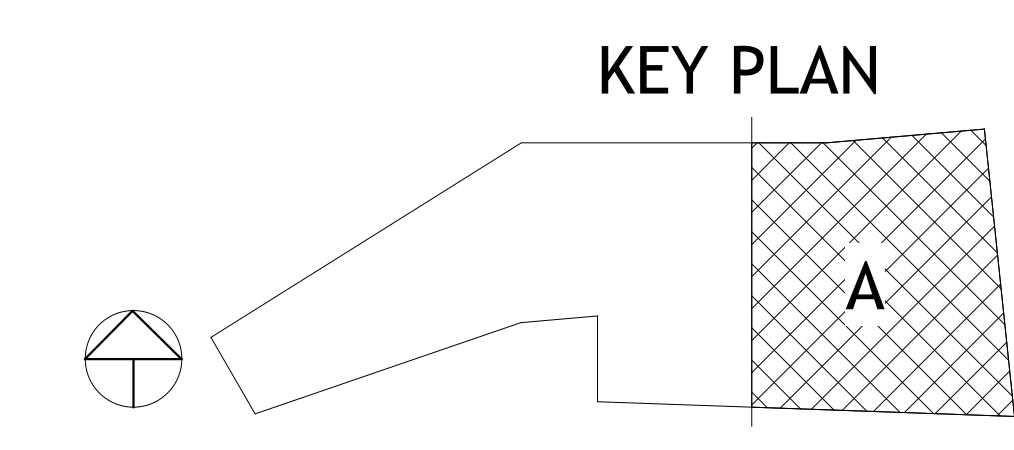
03/10/2023



- PLUMBING PLAN NOTES:**
- P1 DO NOT INSTALL PLUMBING PIPING OVER ELECTRICAL PANELS OR EQUIPMENT.
  - P7 SLOPE STORM PIPING AS REQUIRED THROUGH SLOPED STRUCTURE ABOVE. PIPING TO BE ROUTED TO LEVEL BELOW AS INDICATED THROUGH STRUCTURE. REFER TO PLAN FOR LEVEL BELOW FOR CONTINUATION.
  - P12 COORDINATE FINAL LOCATION OF DOWNSPOUT NOZZLE WITH ARCHITECT ELEVATIONS AND DETAILS. SPECIFIC EXTERIOR WALL PENETRATIONS MUST BE FOLLOWED FOR SPANDREL PANELS.
  - P16 ROUTE CONDENSATE DRAIN PIPING FROM HVAC UNIT TO NEAREST HUB DRAIN OR CONDENSATE DRAIN BOX. ALL CONDENSATE DRAINS SHALL BE ROUTED TO STORM DRAIN SYSTEM.
  - P43 ROUTE VENT PIPING THRU STRUCTURE ABOVE. SLOPE VENT THRU ROOF AS REQUIRED SO PIPING IS ROUTED TO VENT THRU ROOF.



1 PLUMBING WASTE & VENT - LEVEL 3 PLAN - AREA A  
1/8" = 1'-0"



PSW Job Number:  
**993A**  
Henderson Job Number:  
**2150002607**

**AWSOM**  
Bentonville, AR

Issue Date:  
**02.24.2023**

REVISIONS		
NUMBER	DATE	DESCRIPTION
1	03/10/23	ADDENDUM 1

Consents:  
**PLUMBING WASTE & VENT - LEVEL 3 PLAN - AREA A**

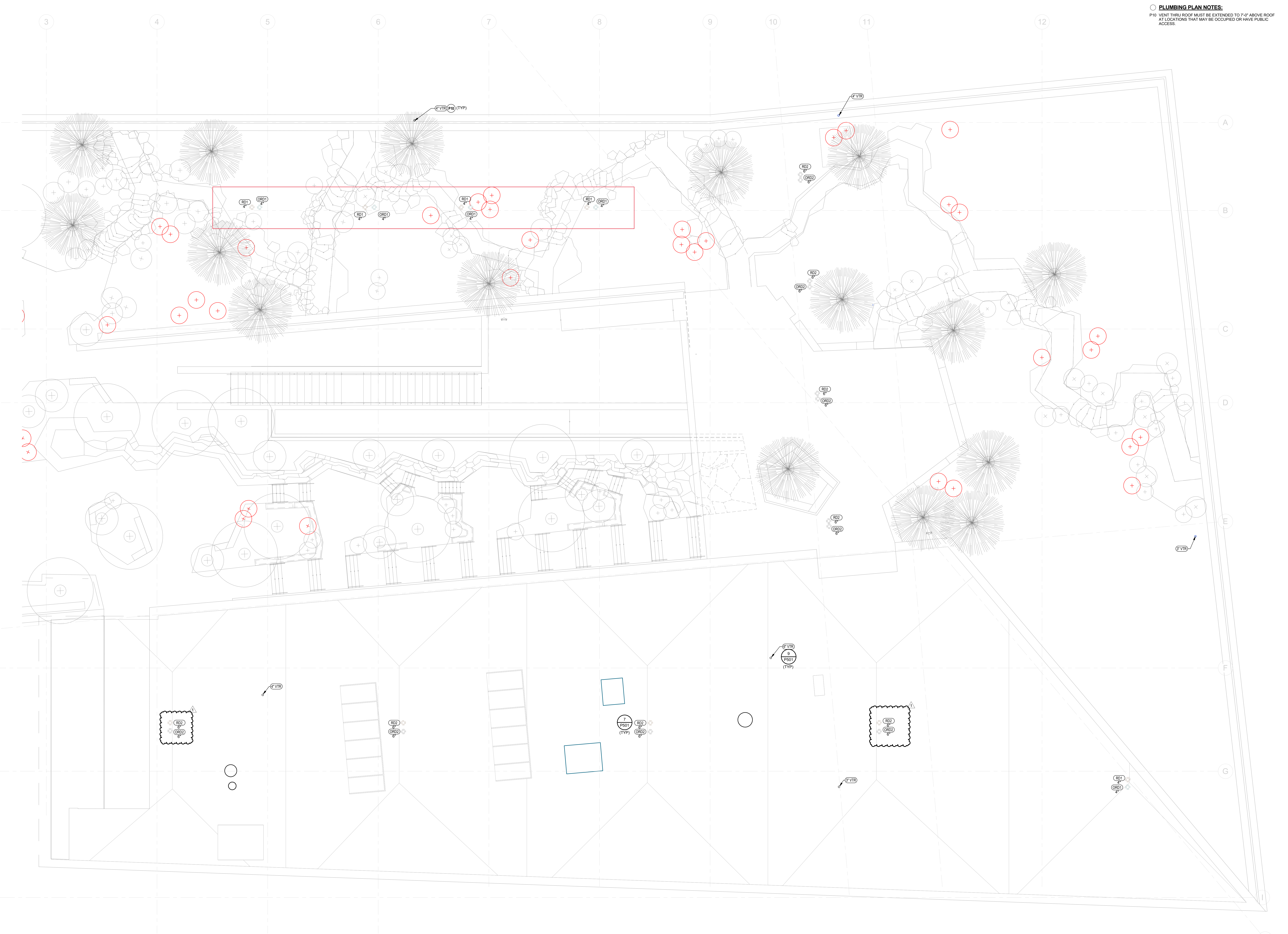


03/10/2023

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**P103A**



**PLUMBING PLAN NOTES:**  
 P10 VENT THRU ROOF MUST BE EXTENDED TO 7'-0" ABOVE ROOF AT LOCATIONS THAT MAY BE OCCUPIED OR HAVE PUBLIC ACCESS.



**PLUMBING ROOF PLAN - AREA A**  
 1/8" = 1'-0"

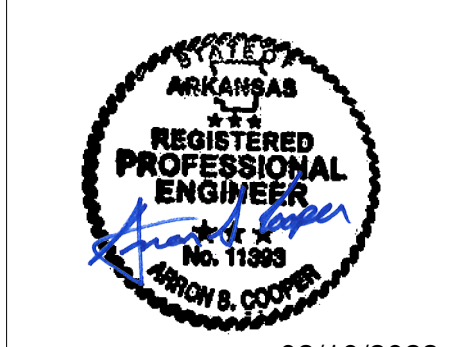
PSW Job Number:  
**993A**  
 Henderson Job Number:  
**2150002607**

**AWSOM**  
 Bentonville, AR

Issue Date:  
**02.24.2023**

REVISIONS		
NUMBER	DATE	DESCRIPTION
1	03/10/23	Addendum 1

Contents:  
**PLUMBING - ROOF PLAN - AREA A**



03/10/2023

