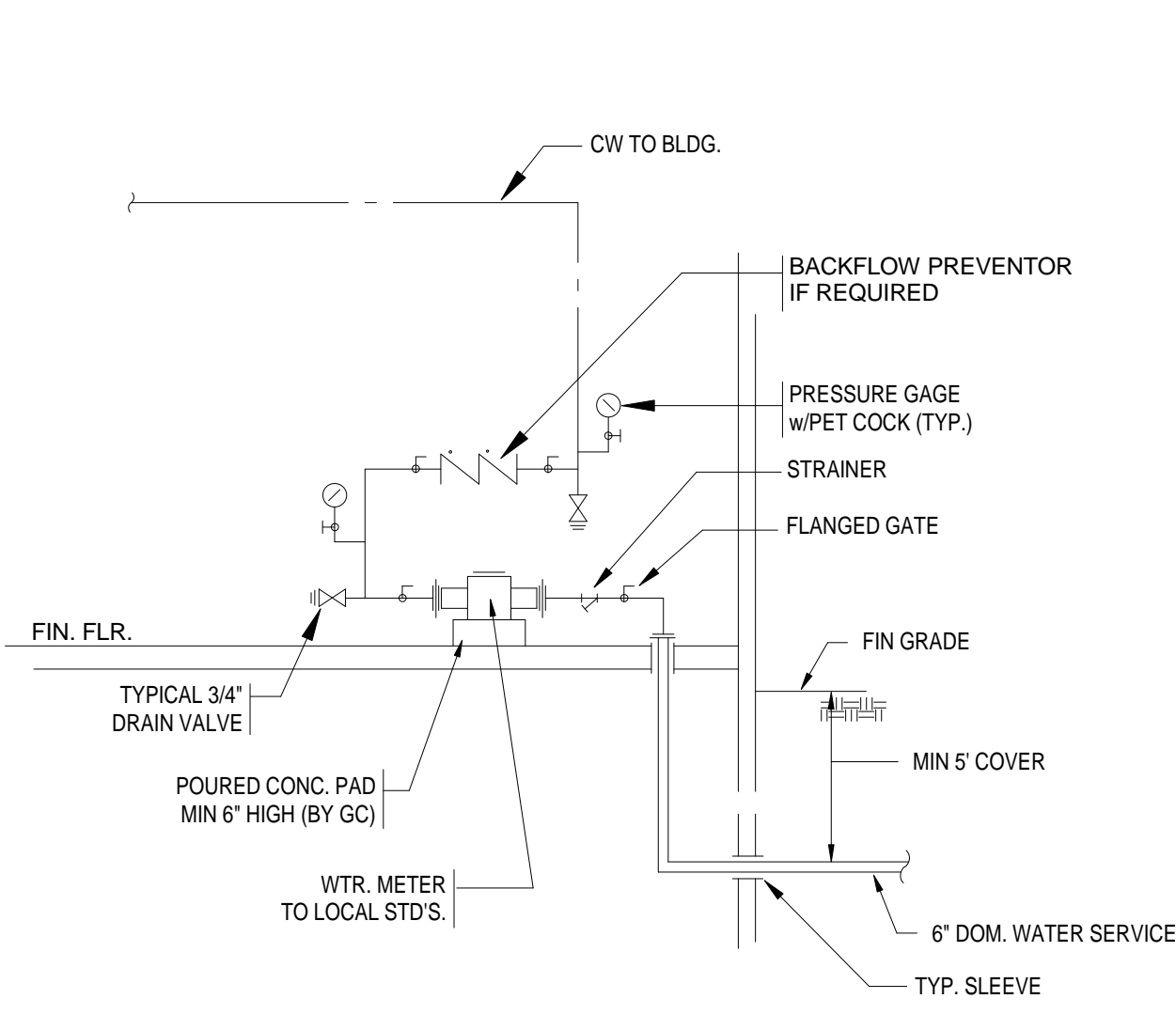
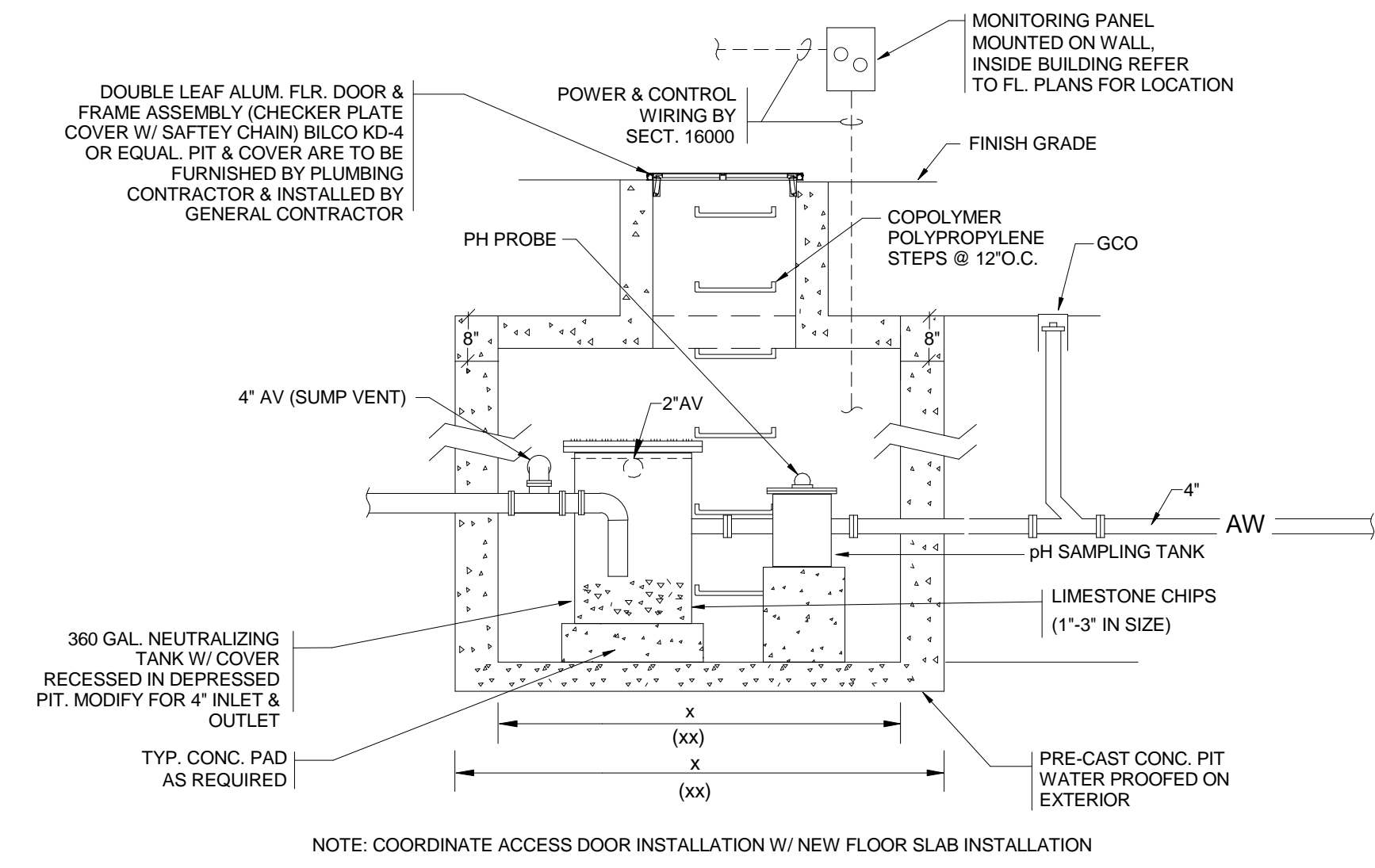


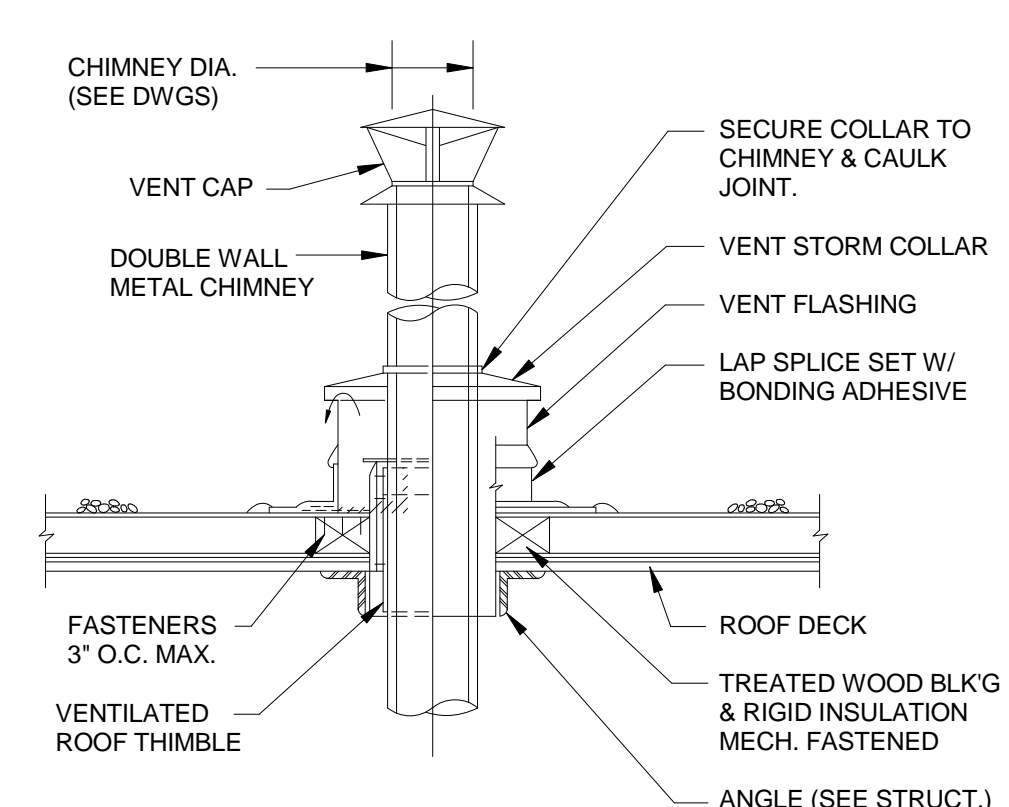
SCHEMATIC DOMESTIC HOT WATER HEATER PIPING IN PENTHOUSE
N.T.S.



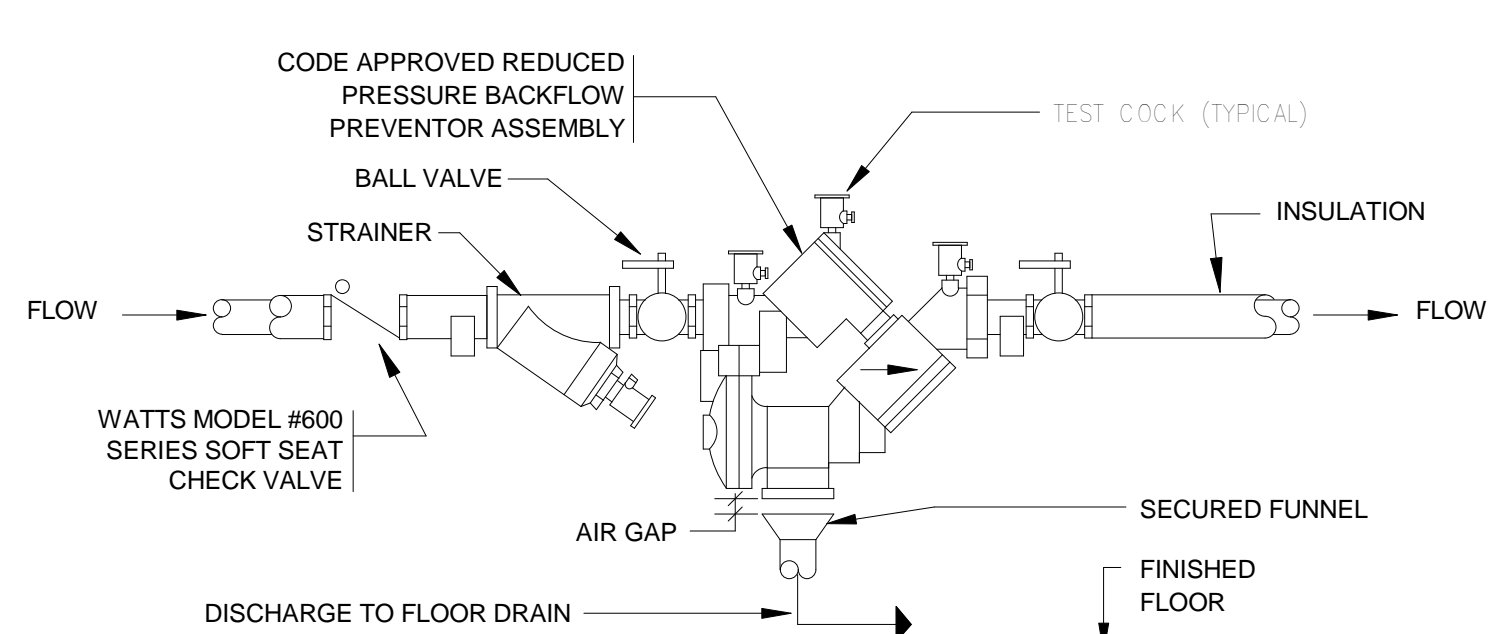
SCHEMATIC WATER SERVICE PIPING
N.T.S.



EXTERIOR NEUTRALIZING TANK INSTALLATION DETAIL
N.T.S.

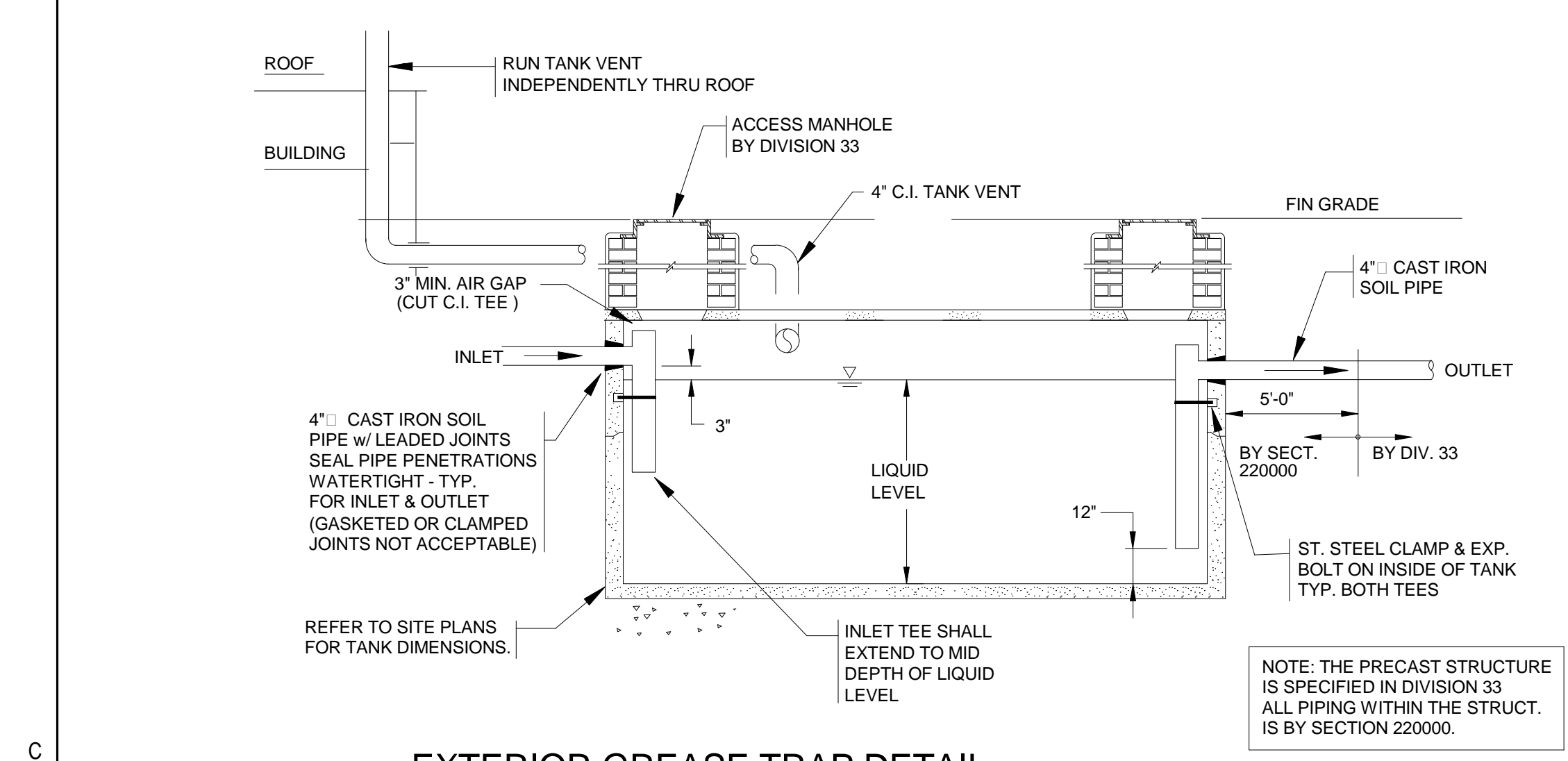


METAL CHIMNEY EXHAUST
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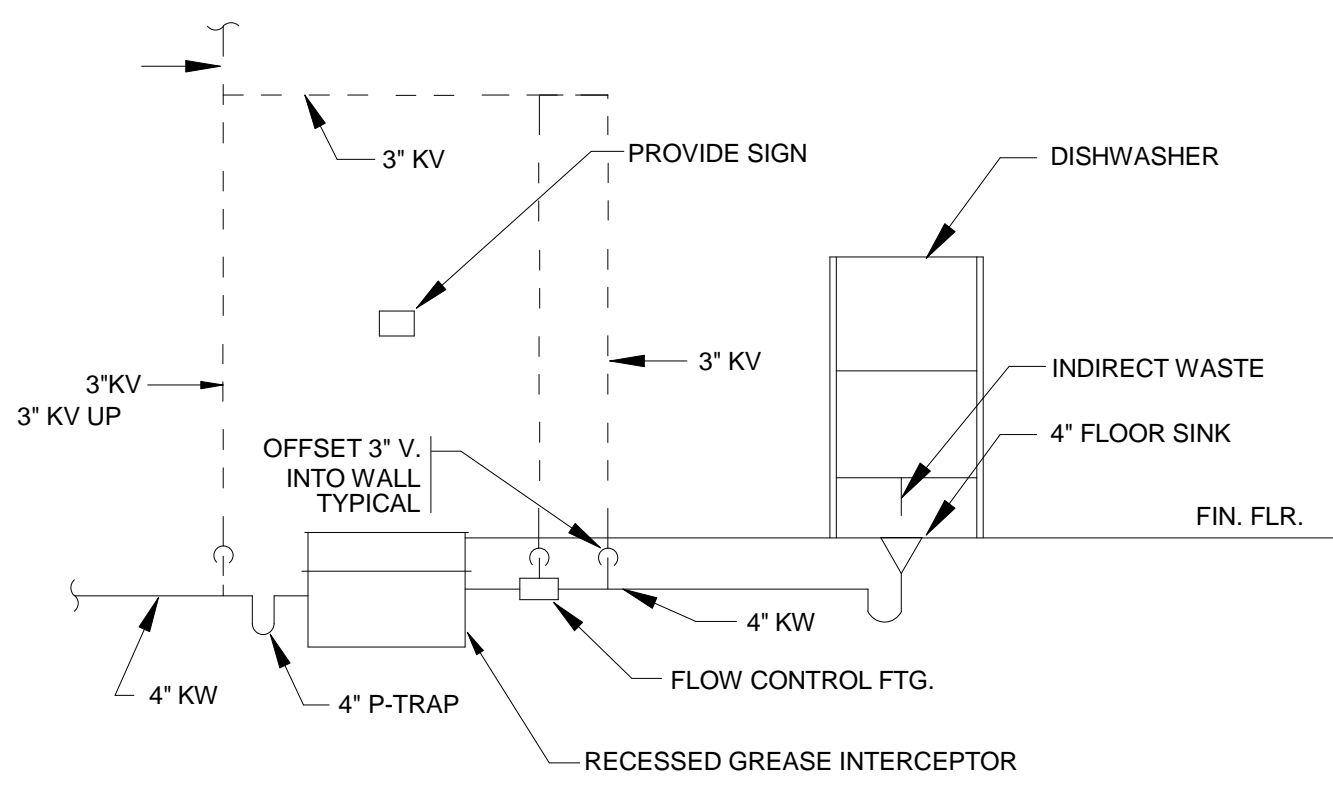


REDUCED PRESSURE BACKFLOW PREVENTOR ASSEMBLY (R.P.B.P.) DETAIL
N.T.S.

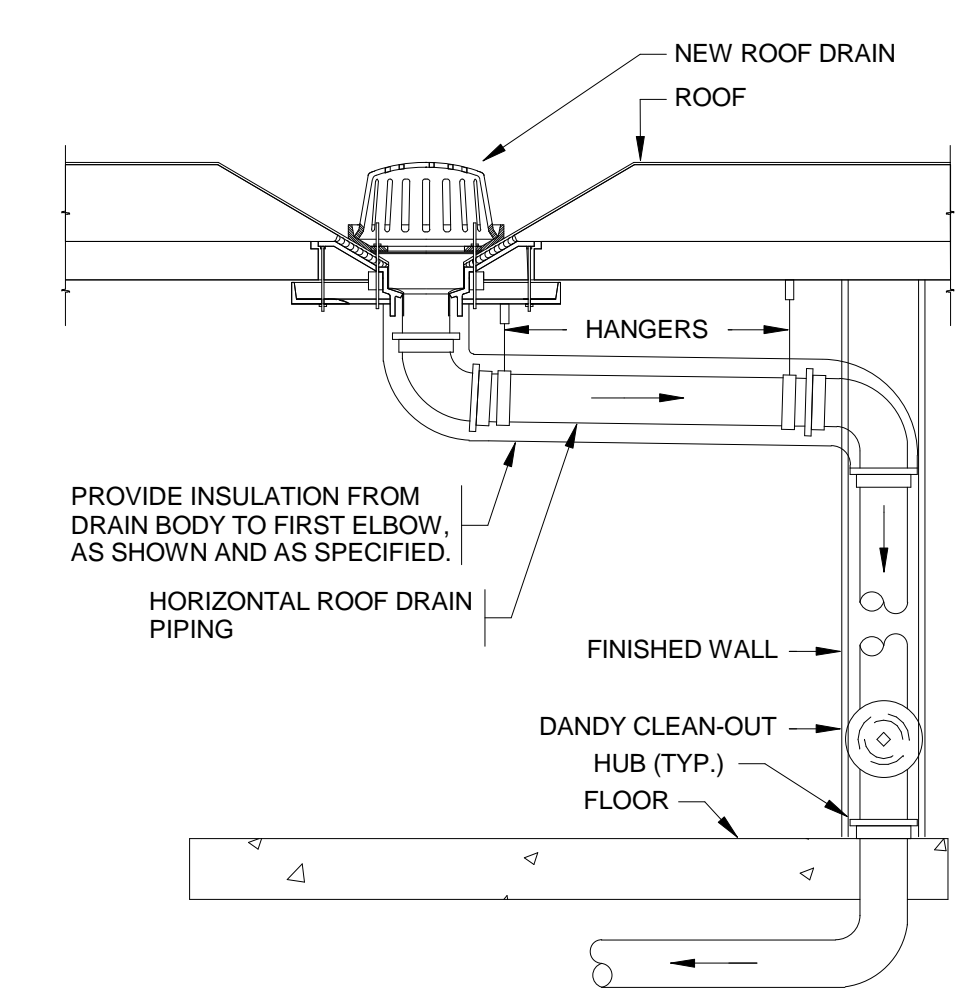
- NOTES:
1. LOCATE BACKFLOW PREVENTOR 3' TO 4' ABOVE FINISHED FLOOR, 1' FROM WALL AND EASILY ACCESSIBLE.
 2. MATERIALS AND METHODS FOR THIS INSTALLATION SHALL CONFORM TO ALL STATE AND U.S. PUBLIC HEALTH SERVICES CODES AND REGULATIONS.
 3. FILE FOR AND OBTAIN ALL REQUIRED APPROVALS AND PERMITS PRIOR TO INSTALLATION.



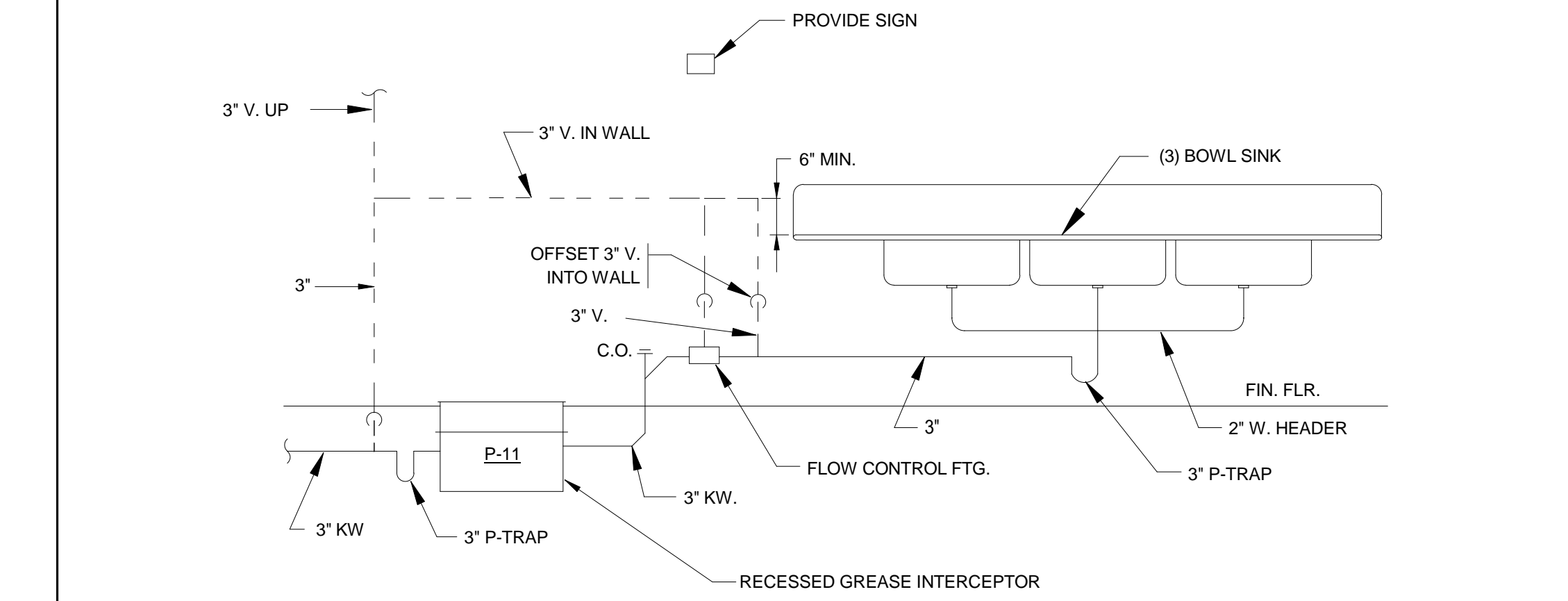
EXTERIOR GREASE TRAP DETAIL
N.T.S.



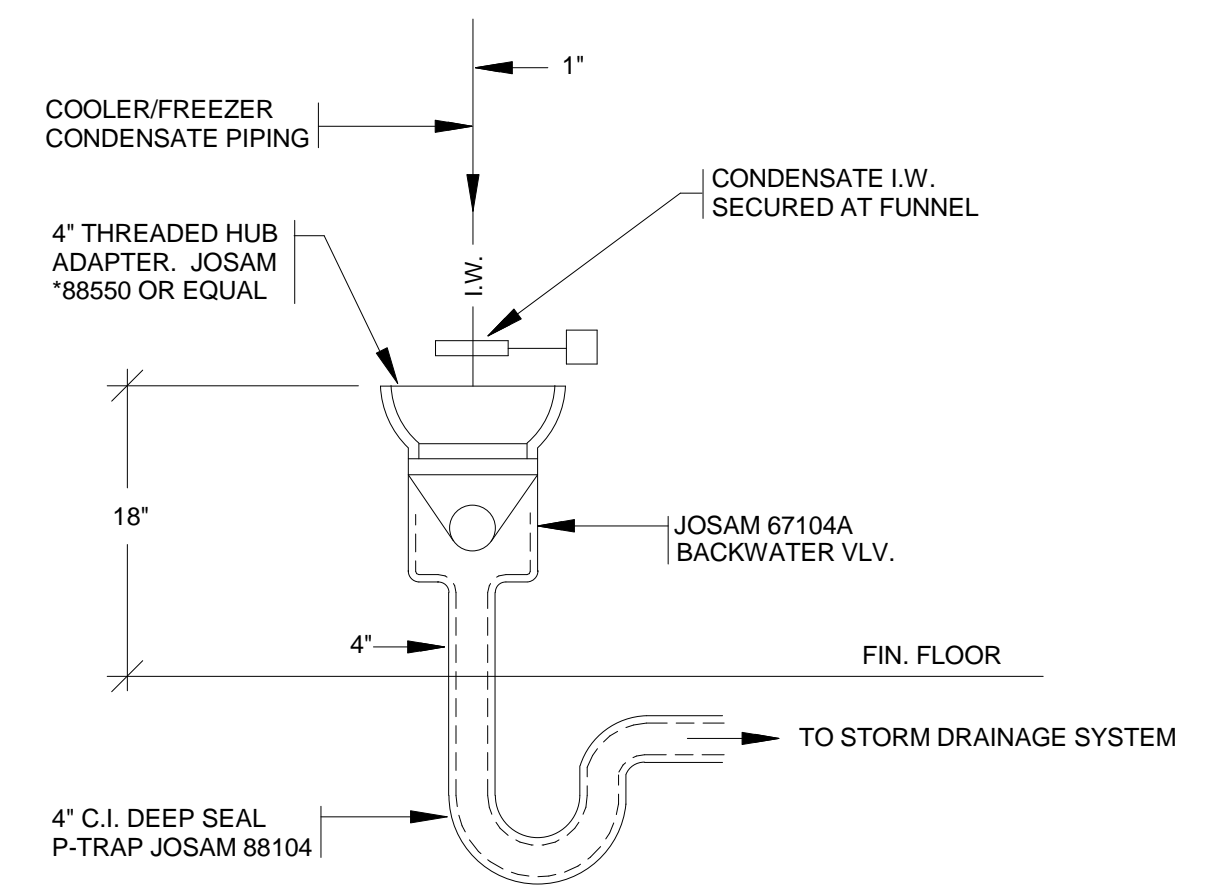
SCHEMATIC PIPING @ DISHWASHER
N.T.S.



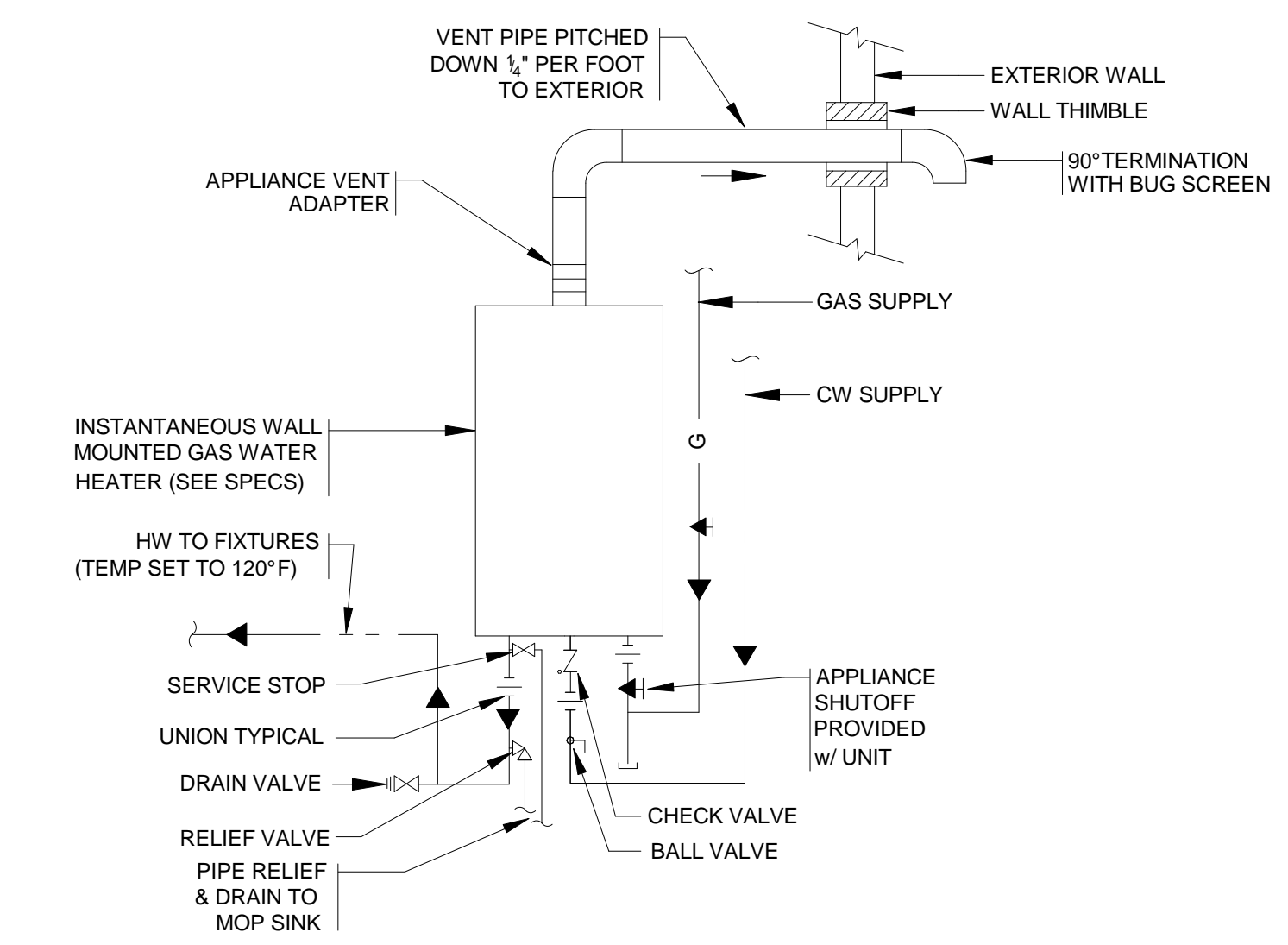
ROOF DRAIN PIPING CONNECTION DETAIL
N.T.S.



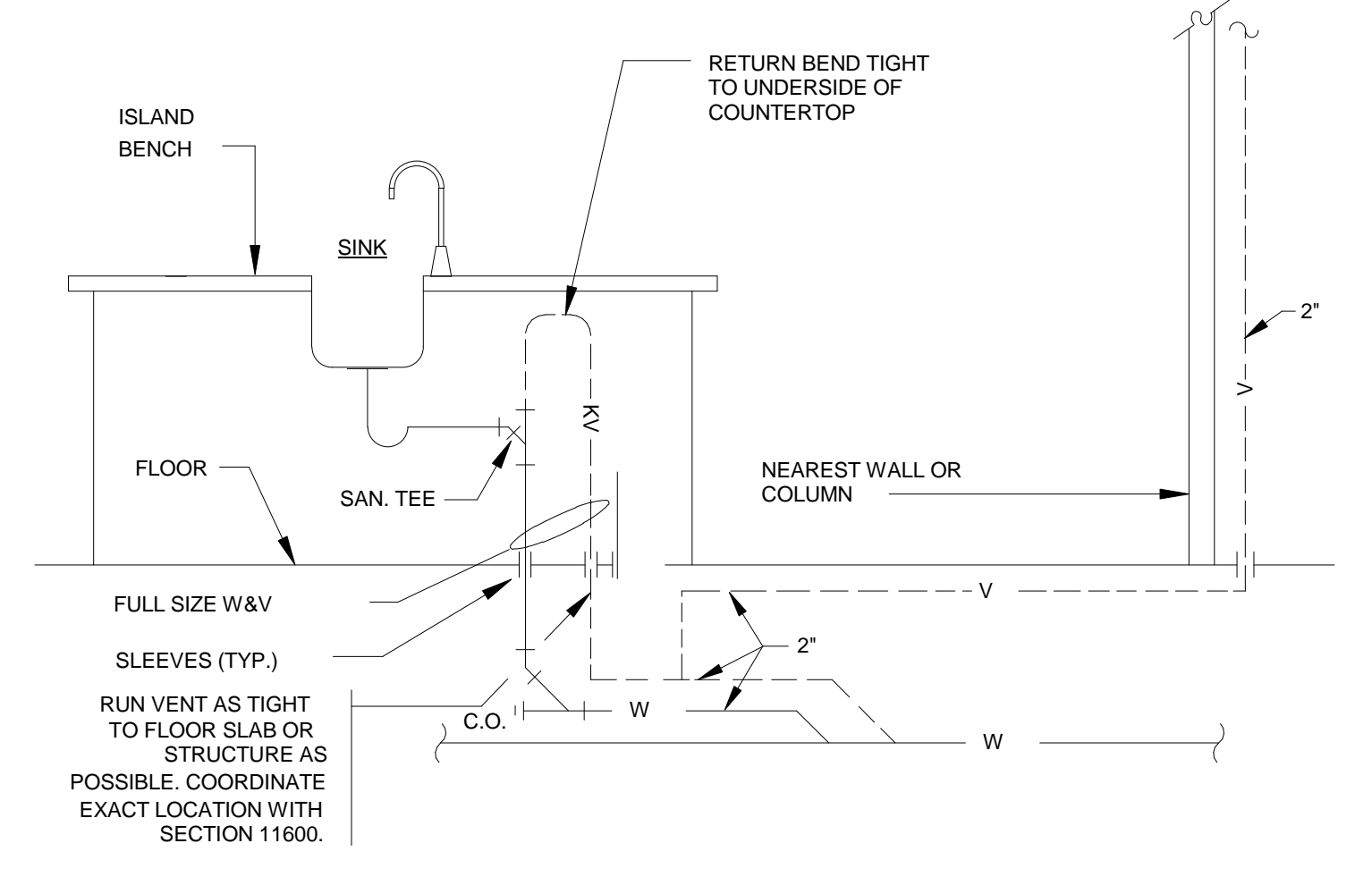
SCHEMATIC PIPING @ POTWASH SINK
N.T.S.



CONDENSATE DRAIN DETAIL
N.T.S.



WATER HEATER PIPING DETAIL
N.T.S.

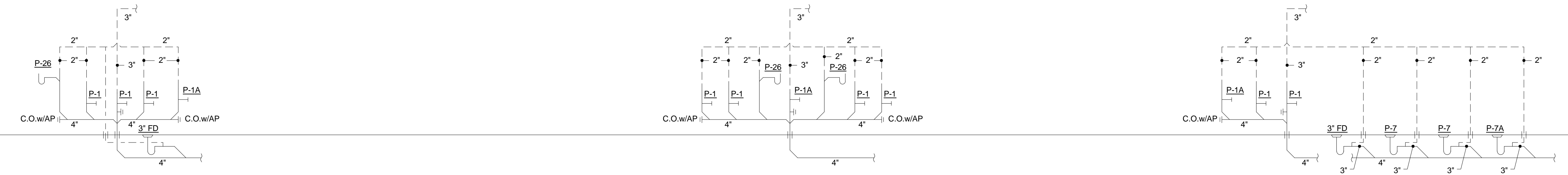


ISLAND SINK BOW VENT DETAIL
N.T.S.

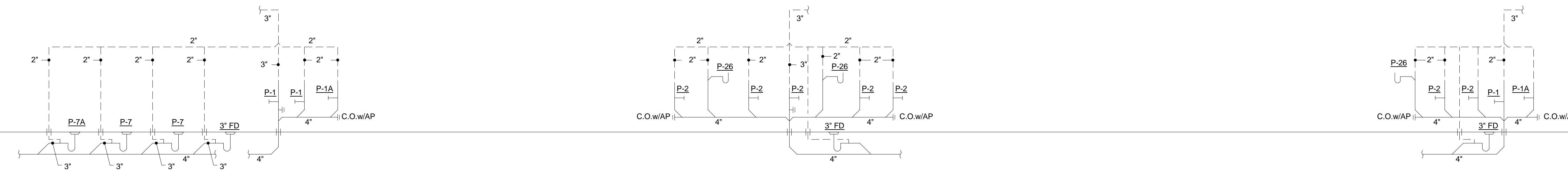
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<p>Architect:</p> <p>omr architects inc</p> <p>543 Massachusetts Ave, West Acton, MA 01720 www.omr-architects.com t: 978.264.0160</p>	<p>Consulting Engineer:</p> <p>GARCIA GALUSKA DESOUSA CONSULTING ENGINEERS INC.</p> <p>370 Faunce Corner Road, Dartmouth, MA 02747 - 1271 508-998-5700 • FAX 508-998-0863 • E-MAIL info@g-g-d.com</p>	<p>Registration:</p> <p><i>Design Development Submission</i></p>	<p>Project Name and Address:</p> <p>Concord-Carlisle Regional High School</p> <p>500 Walden Street Concord, MA 01742</p>	<p>Issue Submissions:</p> <table border="1"> <thead> <tr> <th>No.:</th> <th>Date:</th> <th>Description:</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>8/15/2012</td> <td>Design Development Submission</td> </tr> </tbody> </table>	No.:	Date:	Description:	1	8/15/2012	Design Development Submission	<p>Title:</p> <p>DETAILS & NOTES - PLUMBING</p> <p>Project No.: 1102.00 Drawing No.: P0.02</p> <p>Date: August 15, 2012 Scale: Drawn: RAD Checked: BFH © omr architects inc</p>
No.:	Date:	Description:									
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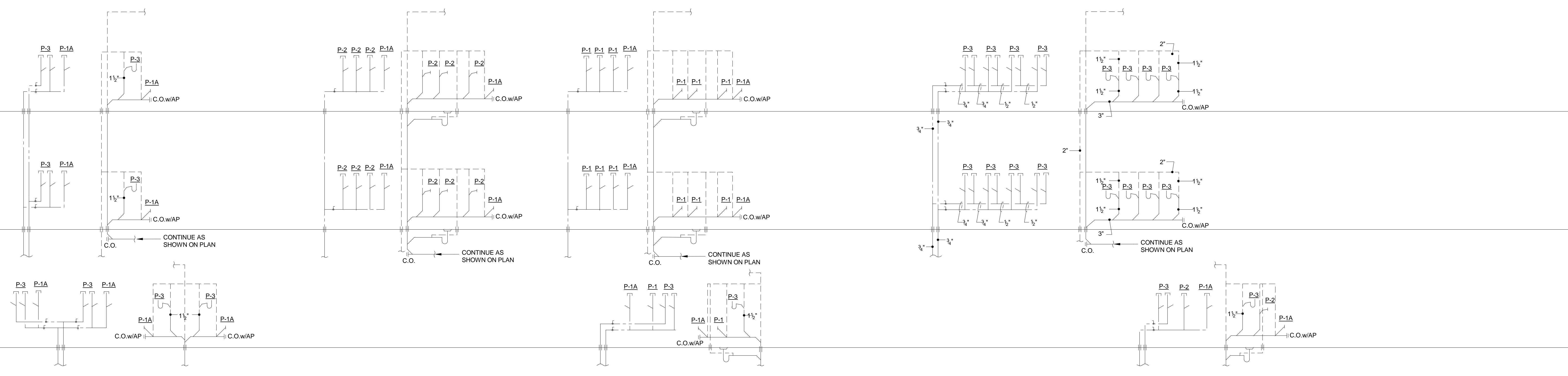
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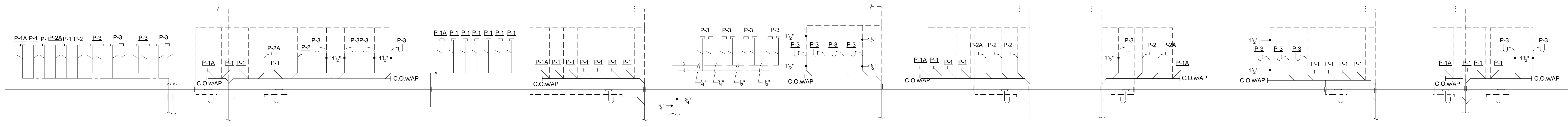
D



C



B



9 SCHEMATIC SANITARY & WATER PIPING
 P02 N.T.S.

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 RISER DIAGRAMS - PLUMBING P03

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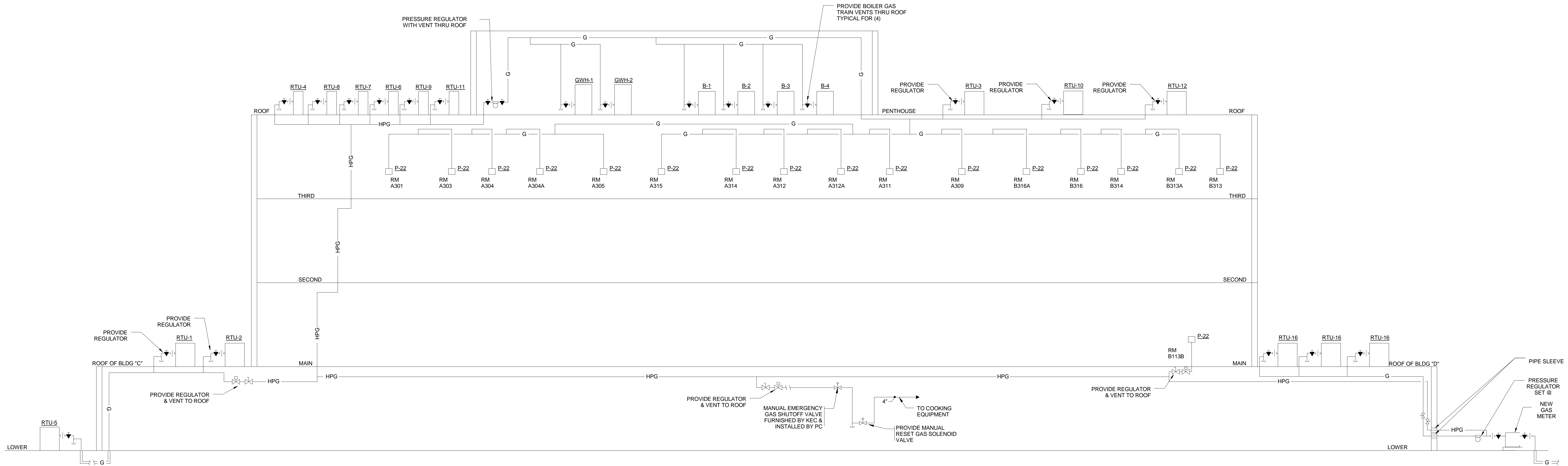
Title:

RISER DIAGRAMS - PLUMBING

Date: August 15, 2012 Scale: Drawn: RAD Checked: BFH

Project No.: 1102.00
 Drawing No.: **P0.03**
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GAS LOAD BREAKDOWN		
EQUIPMENT	CFH LOAD	MIN. PRESS. (W.C.)
RTU #1	---	---
RTU #2	---	---
RTU #3	---	---
RTU #5	---	---
RTU #16	---	---
B-1	---	---
B-2	---	---
B-3	---	---
B-4	---	---
KITCHEN	---	---
CLASS ROOMS	---	---
WATER HEATER #1	---	---
WATER HEATER #2	---	---
INSTANT. GAS WTR HTRS.	---	---
TOTAL	---	---

1. VENT ALL REGULATORS WITHIN THE BUILDING THRU THE ROOF.

Architect:

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Consulting Engineer:

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Registration:

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Concord, MA 01742

Issue Submissions:

No.:	Date:	Description:
1	8/15/2012	Design Development Submission

Title:

GAS RISER DIAGRAM - PLUMBING

Date: August 15, 2012

Scale:

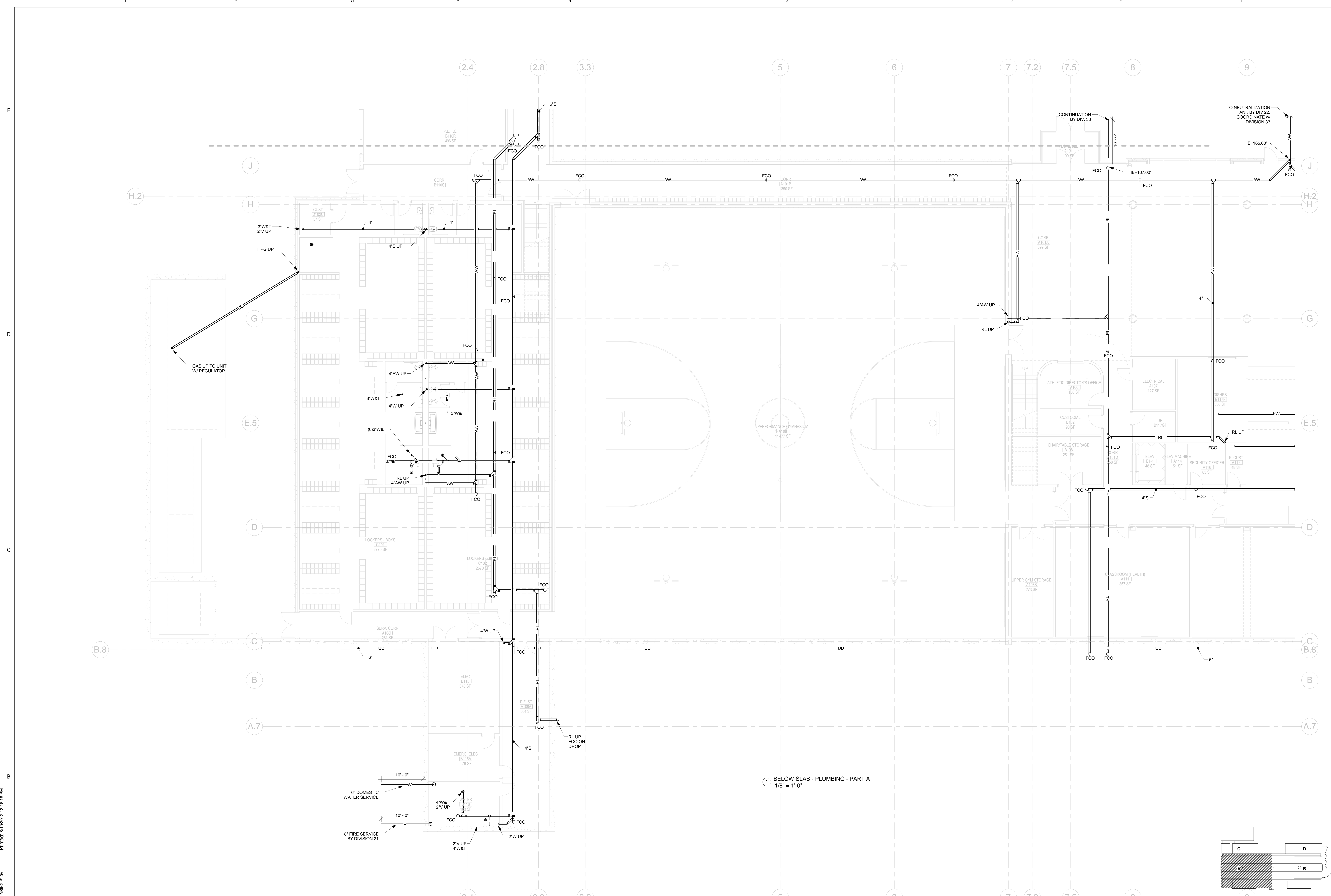
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Checked: WFH

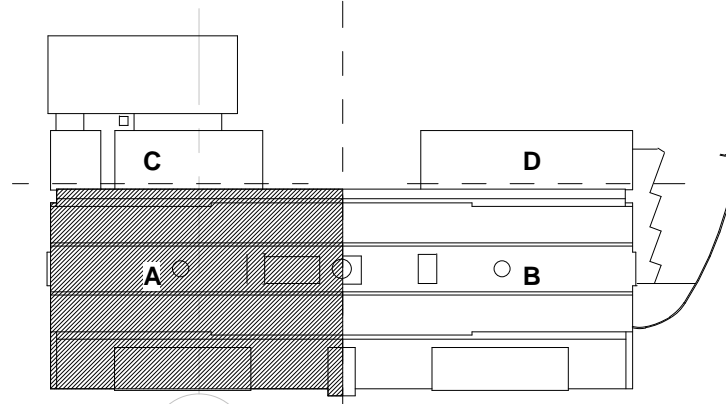
Project No.: 1102.00

Drawing No.: **P0.04**

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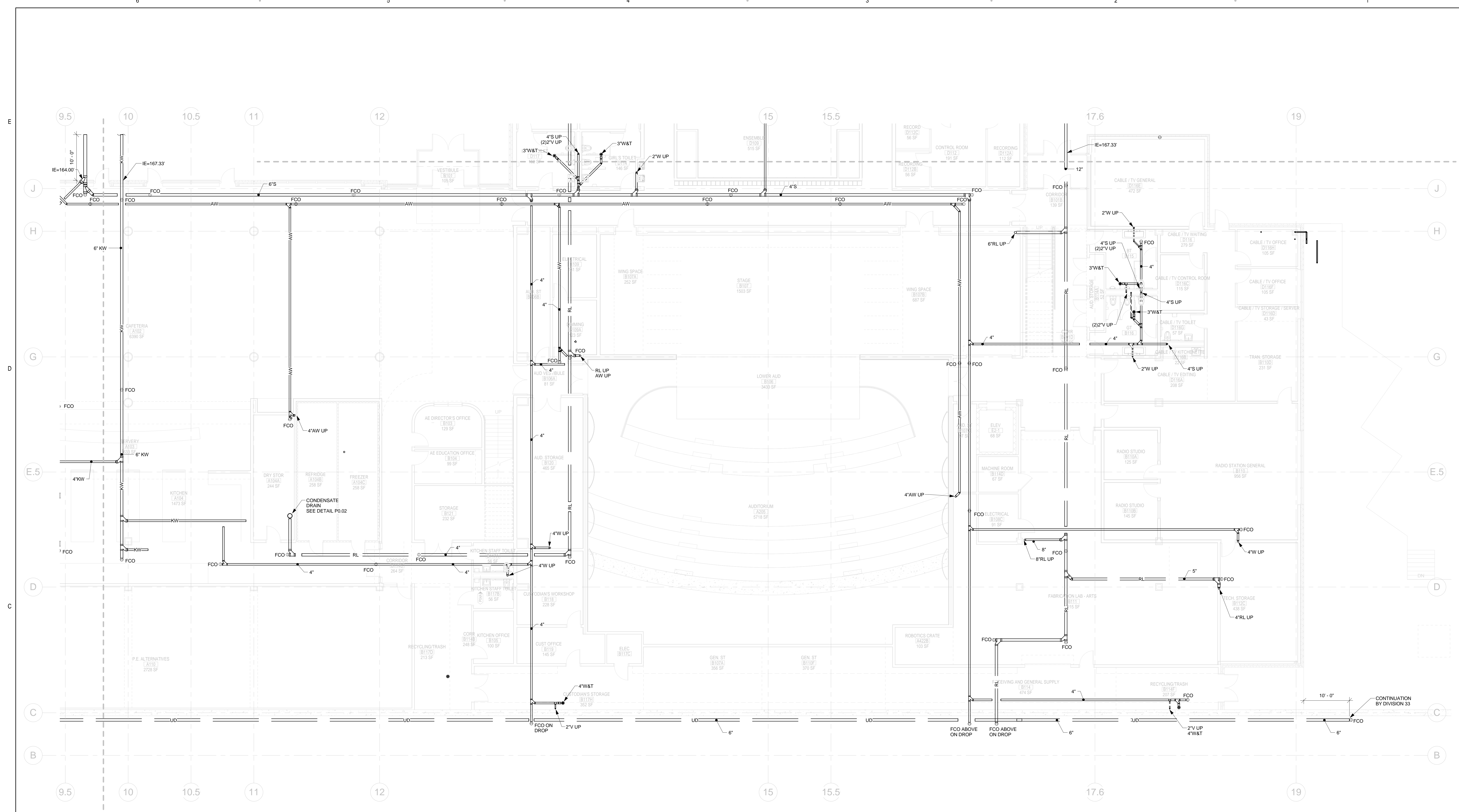


1 BELOW SLAB - PLUMBING - PART A
1/8" = 1'-0"

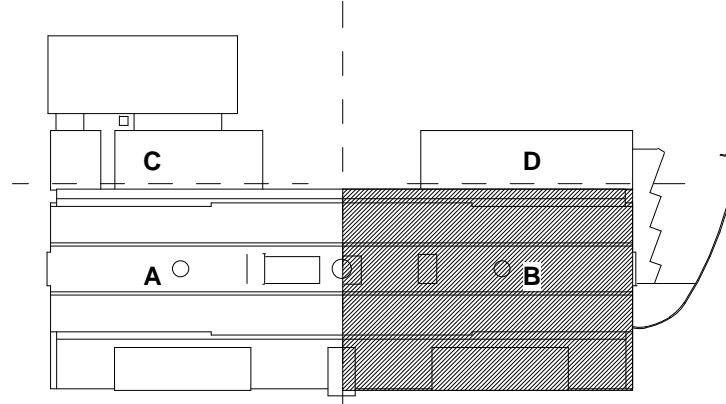


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No.:	Date:	Description:										
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BELOW SLAB PIPING PLAN - PART A - PLUMBING P1.0A

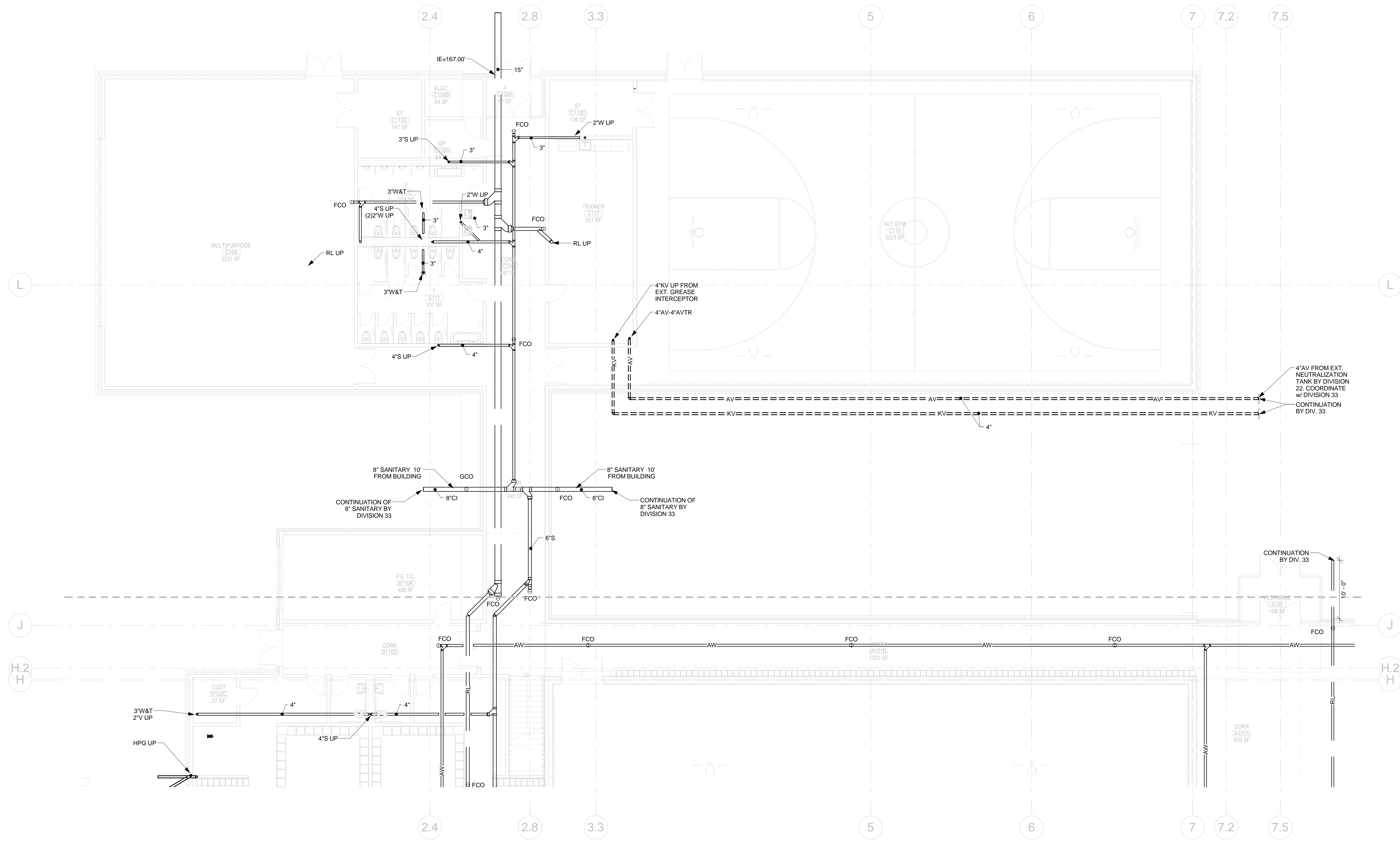


1 BELOW SLAB - PLUMBING - PART B
1/8" = 1'-0"

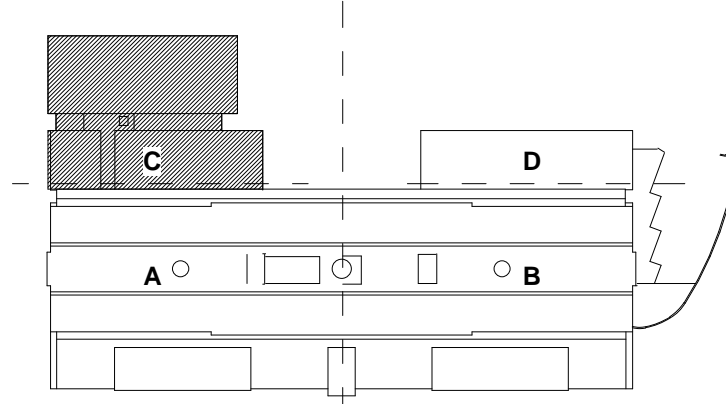


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BELOW SLAB PIPING PLAN - PART B - PLUMBING P1.0B

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No.:	Date:	Description:													
Date: August 15, 2012		Scale: 1/8" = 1'-0"		Drawn: RAD	Checked: REJ	Project No.: 1102.00									



1 BELOW SLAB - PLUMBING - PART C
1/8" = 1'-0"



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BELOW SLAB PIPING PLAN - PART C P1.0C

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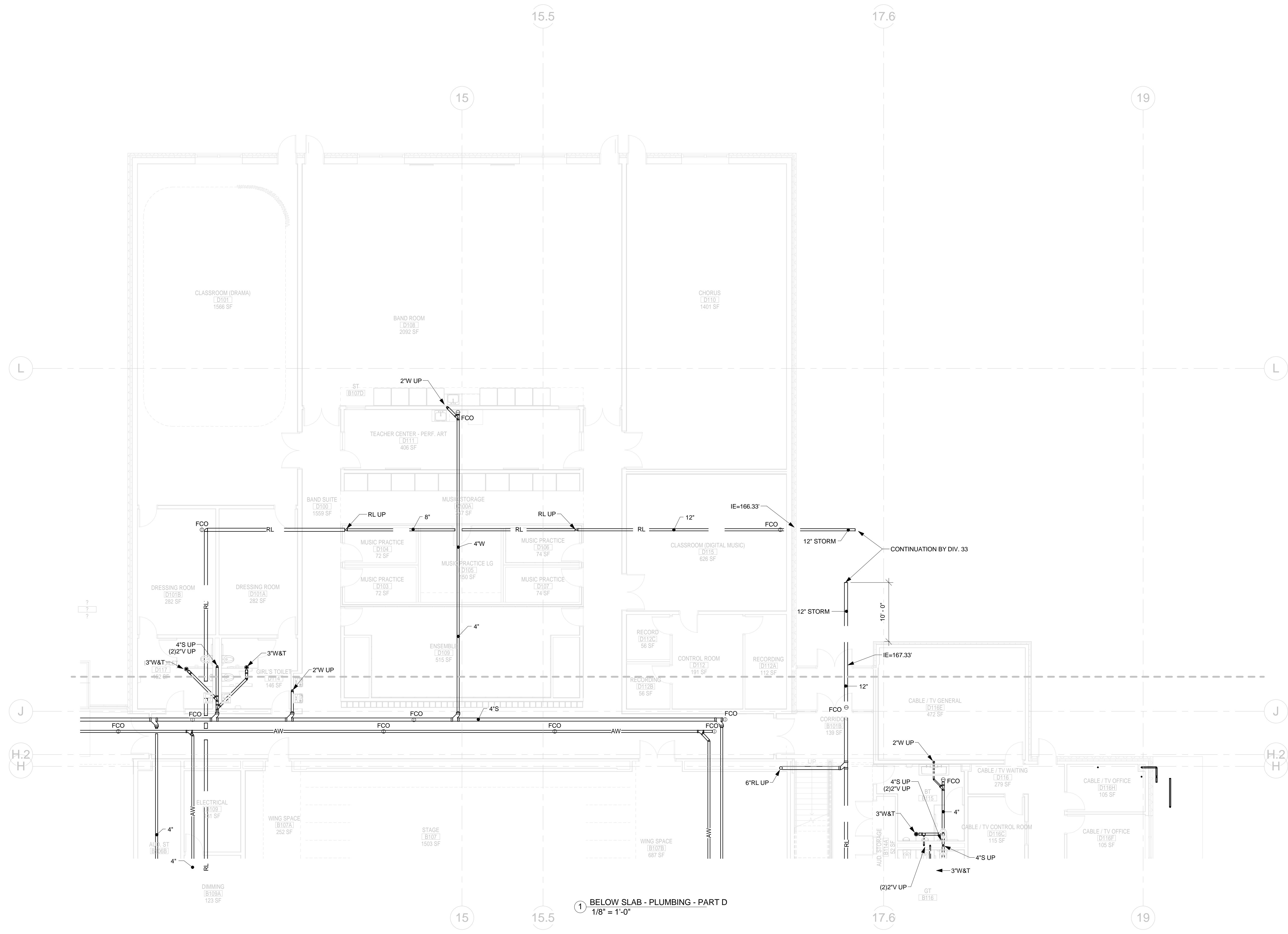
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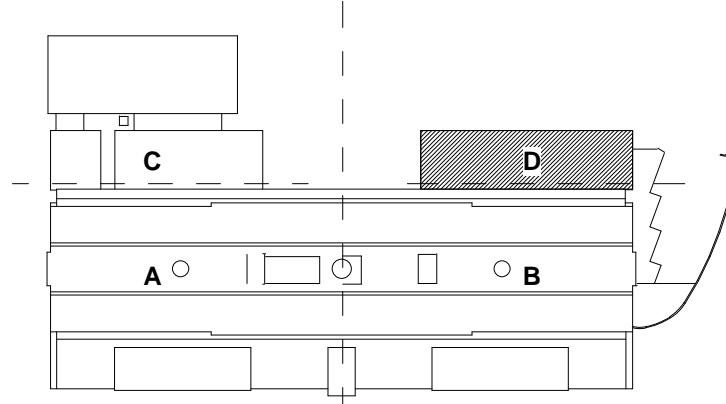
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BELOW SLAB PIPING PLAN - PART C

Date: August 15, 2012 Scale: 1/8" = 1'-0" Drawn: RAD Checked: REJ

Project No.: 1102.00
 Drawing No.: **P1.0C**
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1 BELOW SLAB - PLUMBING - PART D
1/8" = 1'-0"



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BELOW SLAB PIPING PLAN - PART D - PLUMBING P1.0D

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Registration:
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Issue Submissions:

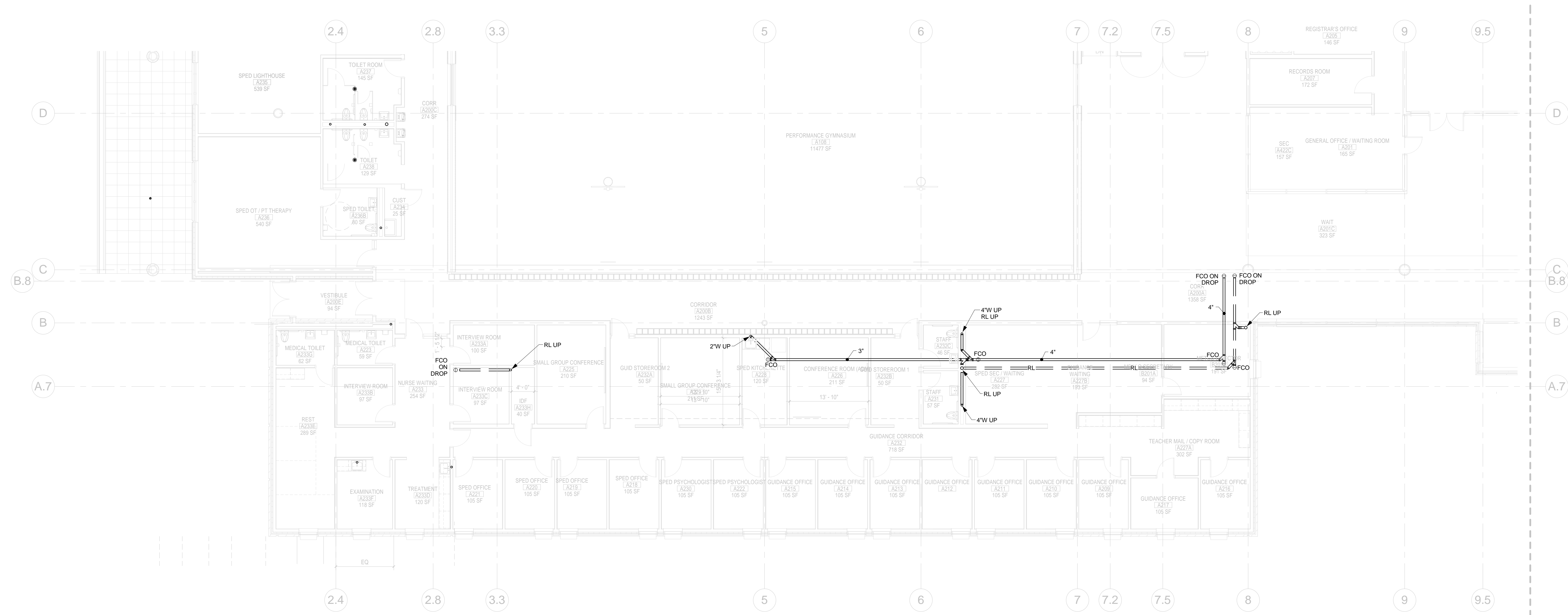
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	8/15/2012	Design Development Submission

Title:
BELOW SLAB PIPING PLAN - PART D - PLUMBING

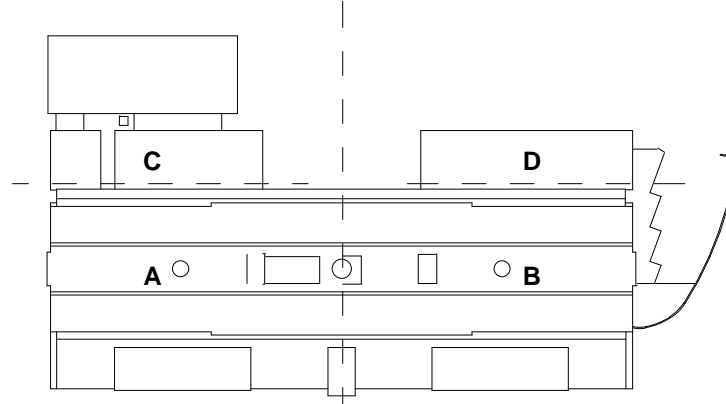
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Project No.: 1102.00
Drawing No.: **P1.0D**
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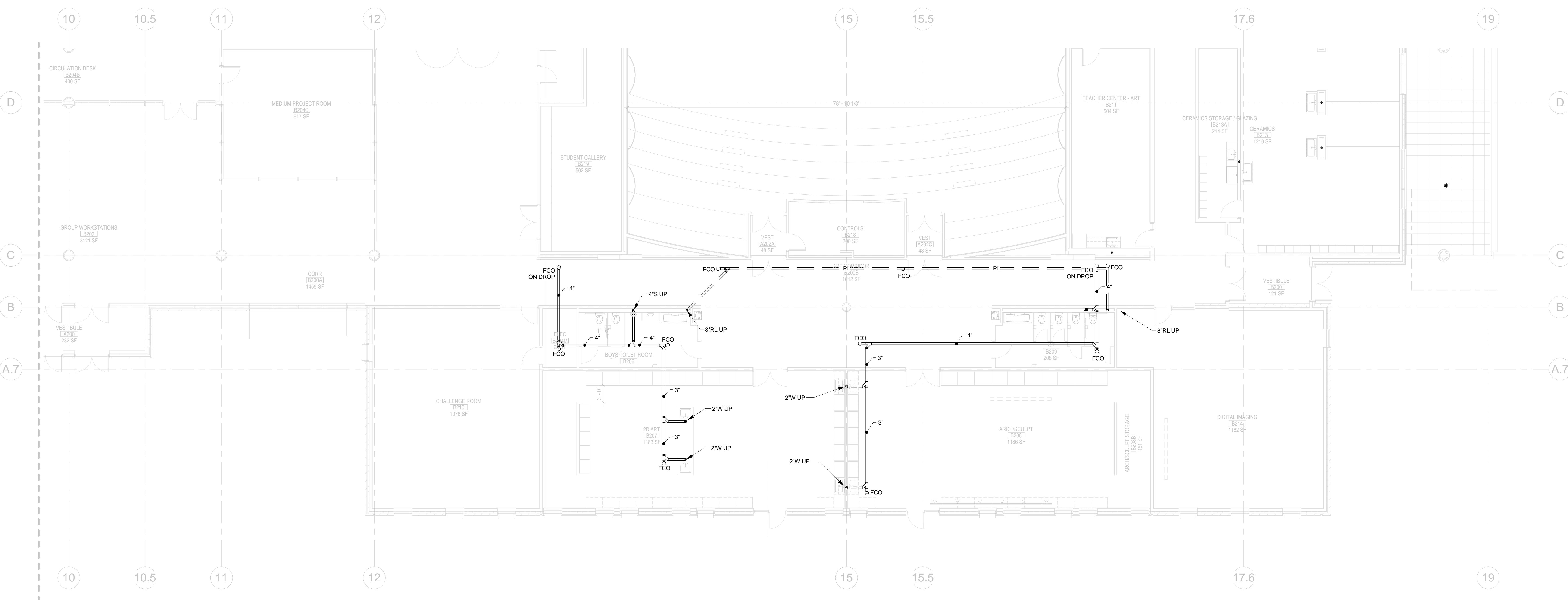
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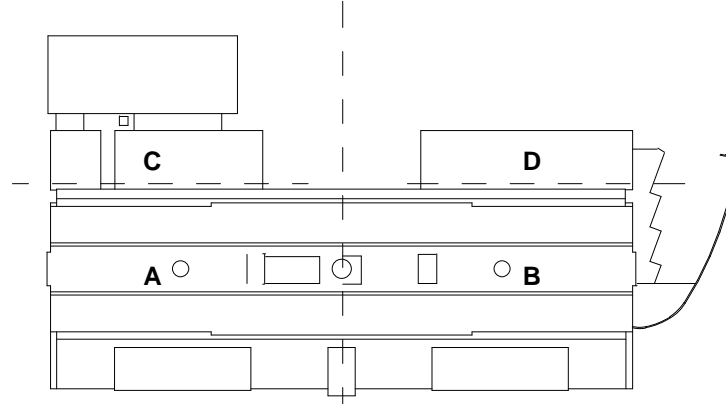
1 BELOW SLAB - MAIN LEVEL PART E
1/8" = 1'-0"



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No.:	Date:	Description:																			
	8/15/2012	Design Development Submission																			

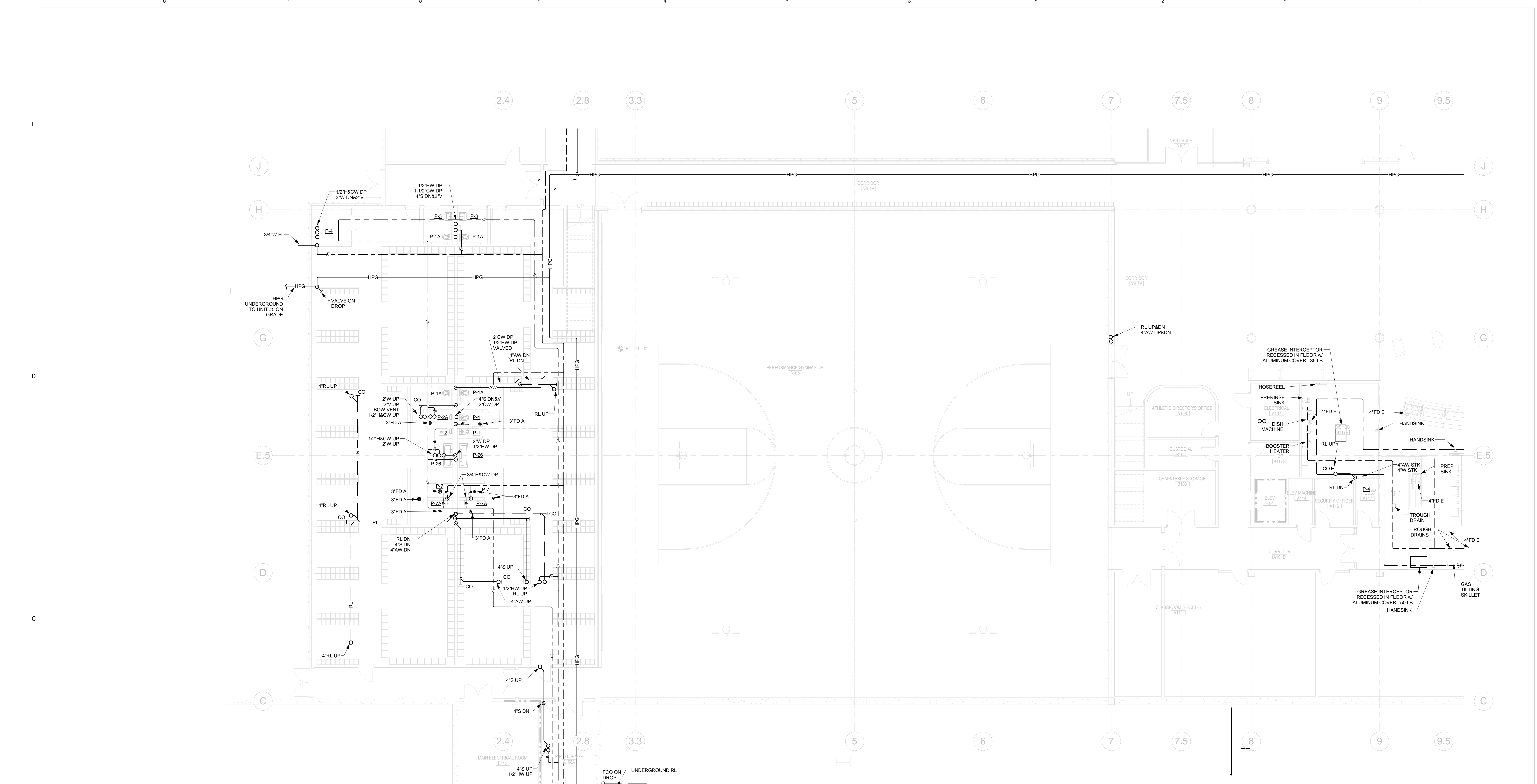


1 BELOW SLAB - MAIN LEVEL PART F
1/8" = 1'-0"

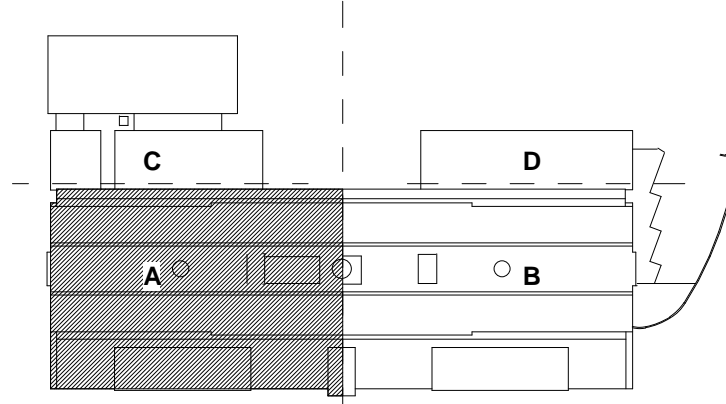


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BELOW SLAB PIPING PLAN - PART F - PLUMBING P1.0F

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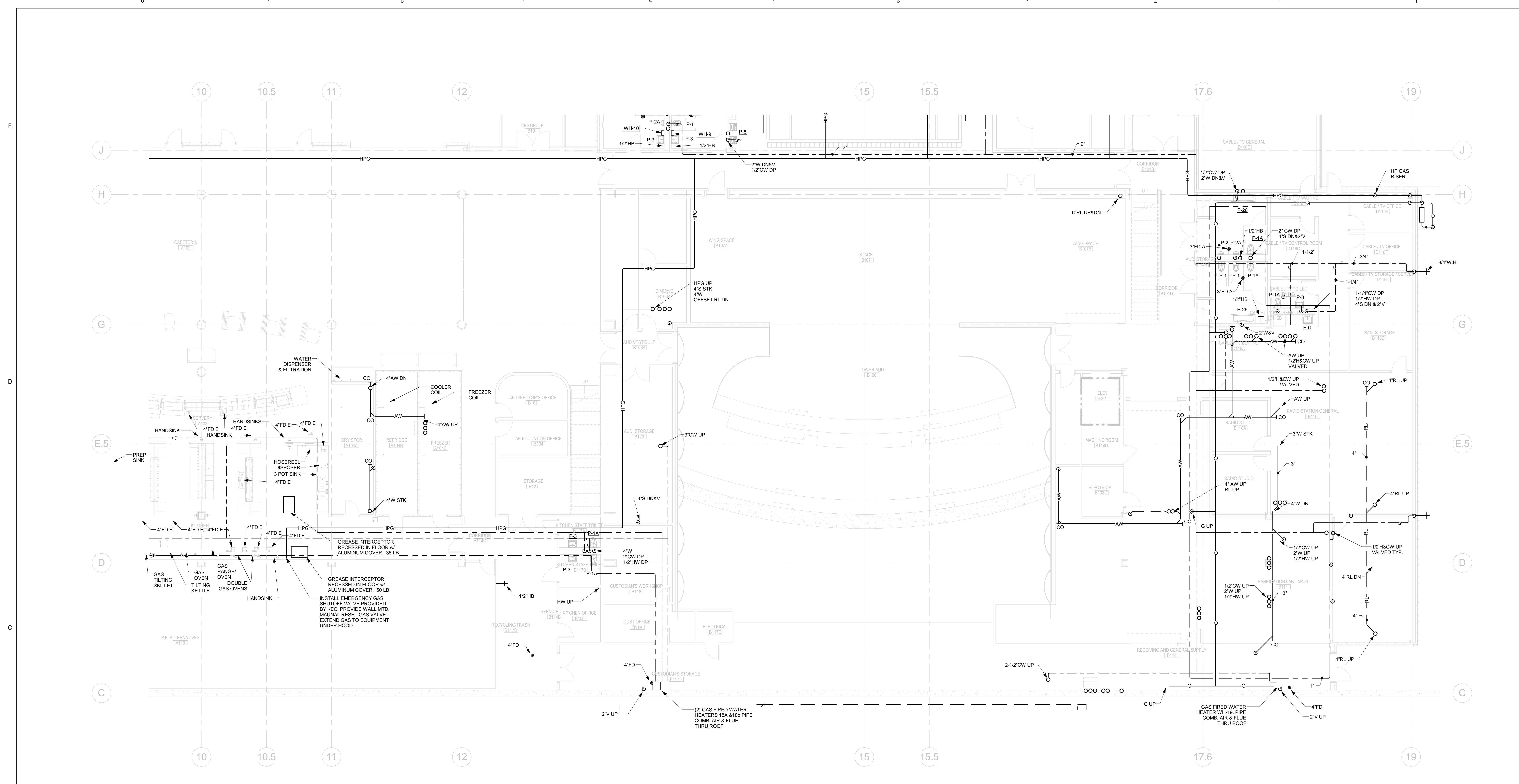
1 1ST FLOOR - PLUMBING - PART A
1/8" = 1'-0"



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1ST FLOOR PLAN - PART A - PLUMBING P2.0A

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NOTE:
 PROVIDE FLEXIBLE CONNECTIONS
 FOR ALL SYSTEMS PASSING THRU
 EXPANSION JOINTS

① 1ST FLOOR - PLUMBING - PART B
 1/8" = 1'-0"

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*Design
 Development
 Submission*

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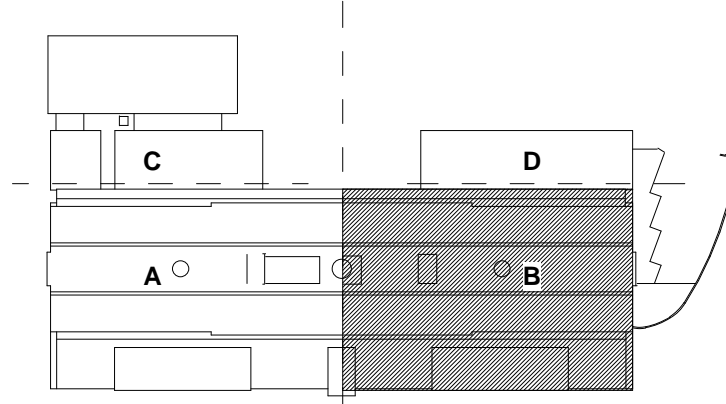
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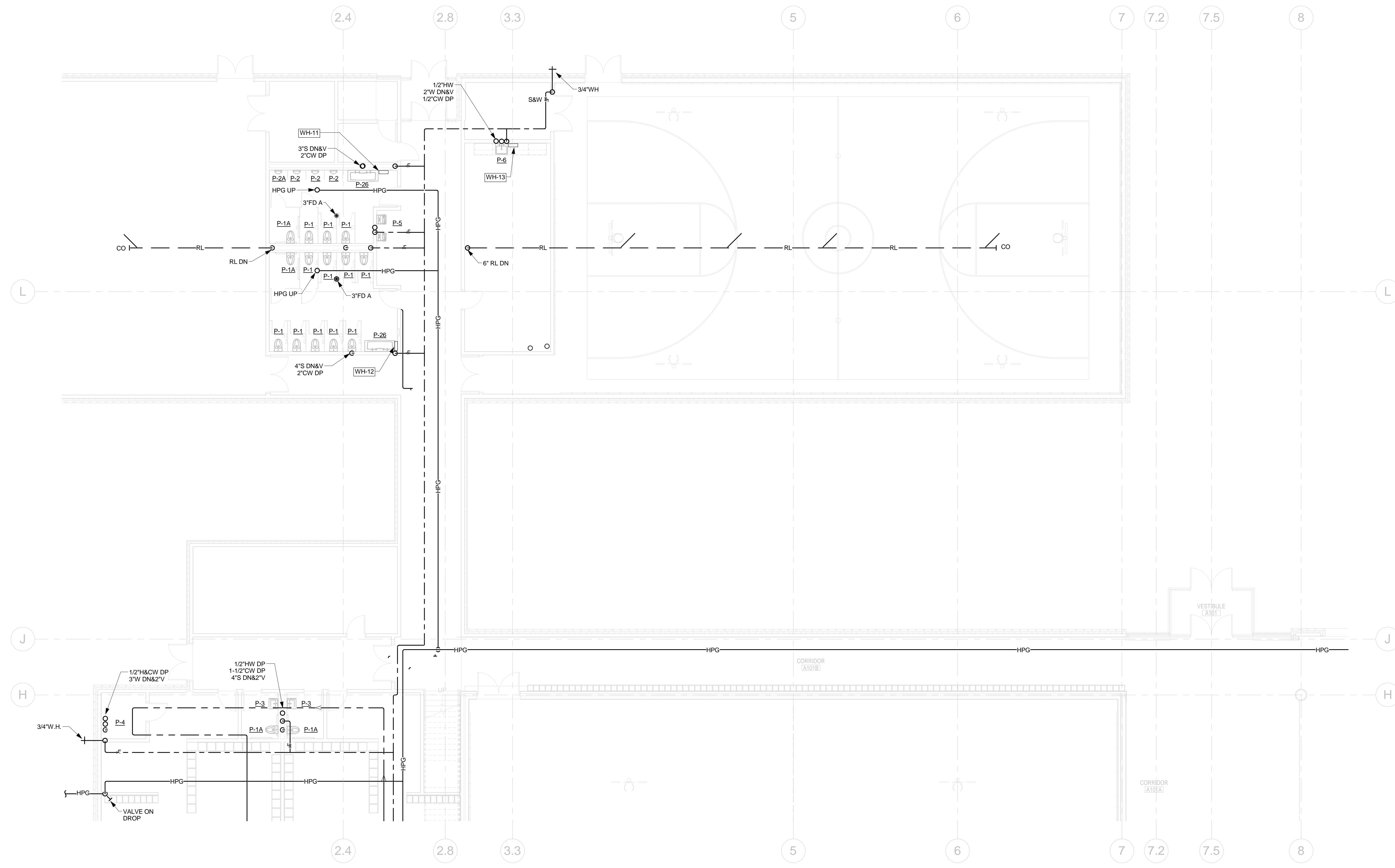
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1	8/15/2012	Design Development Submission

Title:
**1ST FLOOR PLAN - PART B -
 PLUMBING**

Date: August 15, 2012 Scale: 1/8" = 1'-0"
 Drawn: RAD Checked: REJ

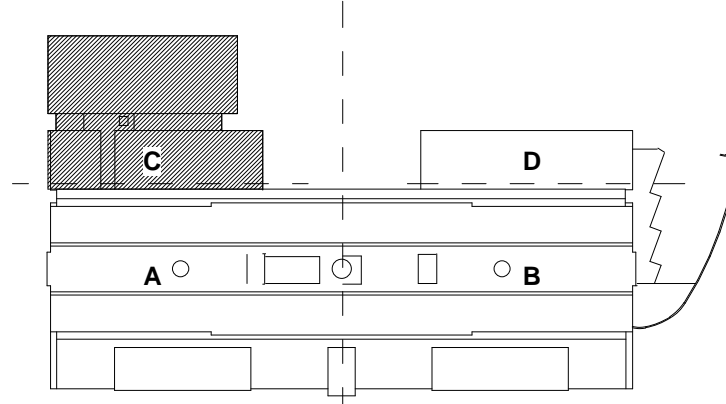
Project No.: 1102.00
 Drawing No.: **P2.0B**
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1 1ST FLOOR - PLUMBING - PART C
1/8" = 1'-0"

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1ST FLOOR PLAN - PART C - PLUMBING P2.0C

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Registration:

*Design
Development
Submission*

Project Name and Address:

Concord-Carlisle Regional High School

500 Walden Street
Concord, MA 01742

Issue Submissions:

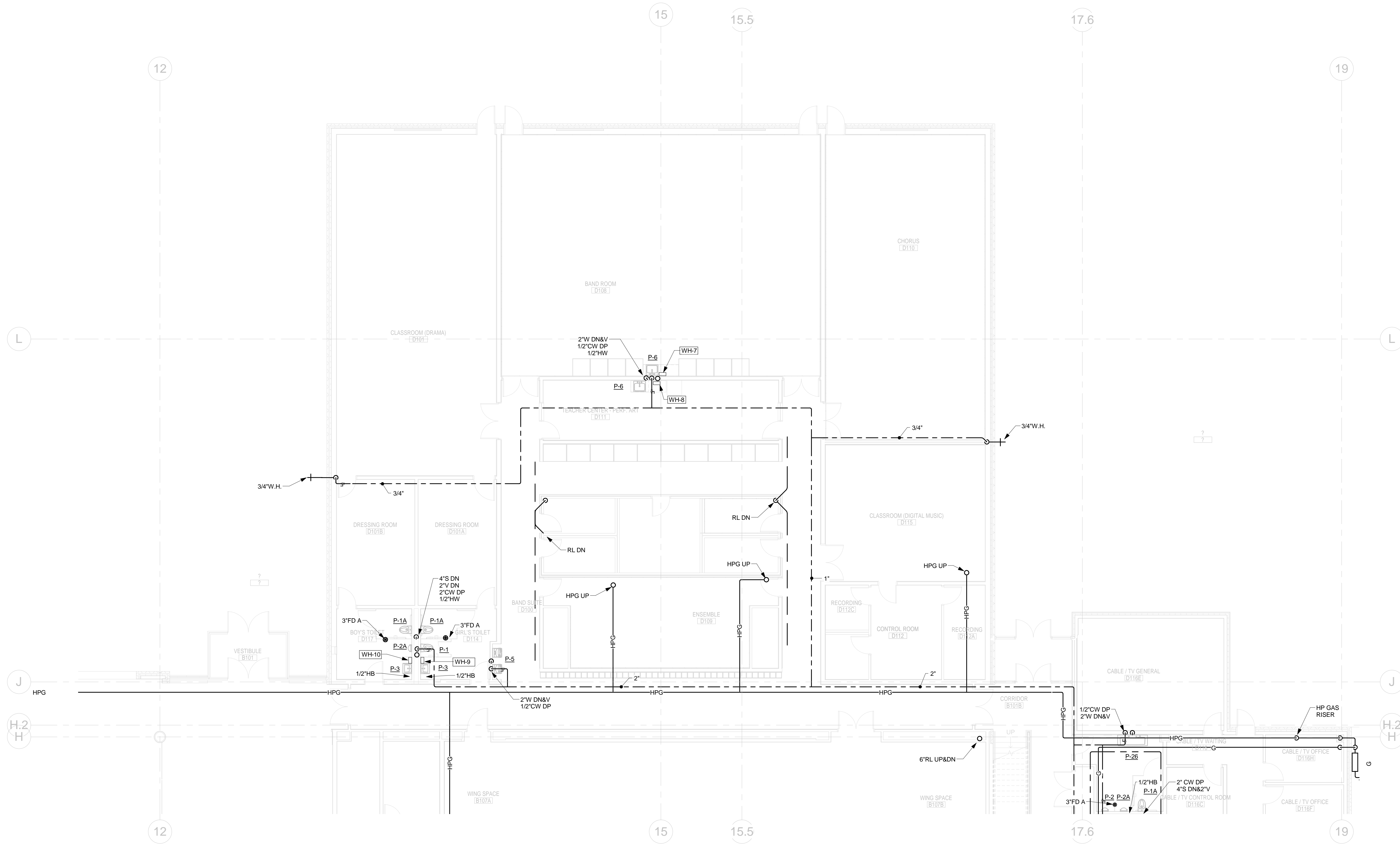
No.:	Date:	Description:
1	8/15/2012	Design Development Submission

Title:

**1ST FLOOR PLAN - PART C -
PLUMBING**

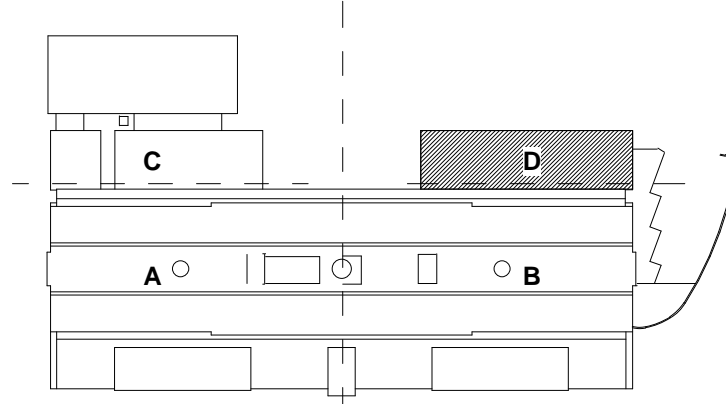
Date: August 15, 2012 Scale: 1/8" = 1'-0" Drawn: RAD Checked: REJ

Project No.: 1102.00
Drawing No.: **P2.0C**
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1 1ST FLOOR - PLUMBING - PART D
1/8" = 1'-0"

NOTE:
PROVIDE FLEXIBLE CONNECTIONS
FOR ALL SYSTEMS PASSING THRU
EXPANSION JOINTS



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Registration:
*Design
 Development
 Submission*

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 Concord, MA 01742

Issue Submissions:

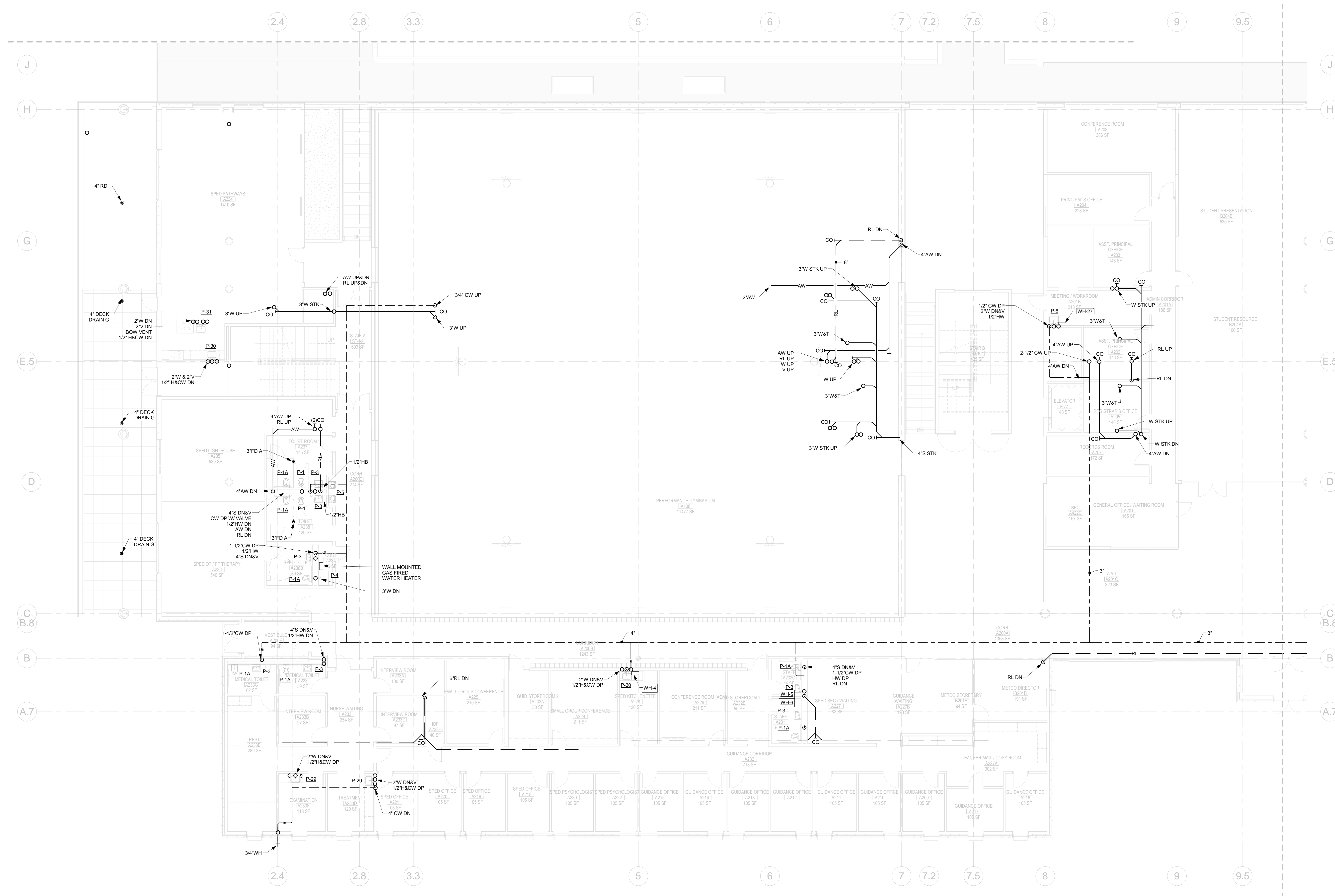
No.:	Date:	Description:
1	8/15/2012	Design Development Submission

Title:
**1ST FLOOR PLAN - PART D -
 PLUMBING**

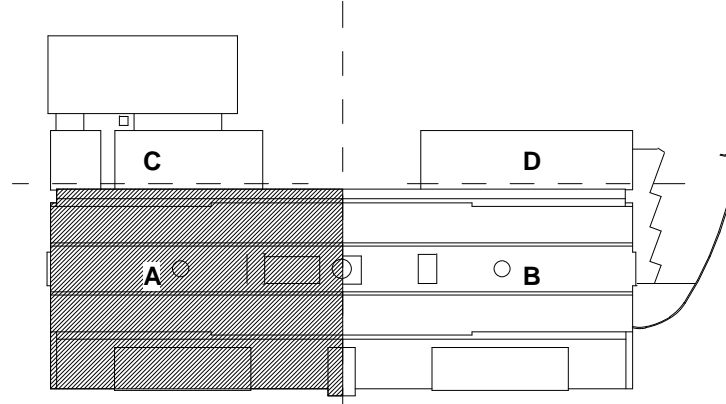
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 Drawing No.: **P2.0D**
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2ND FLOOR PLAN - PART A - PLUMBING P2.1A



1 2ND FLOOR - PLUMBING - PART A
1/8" = 1'-0"



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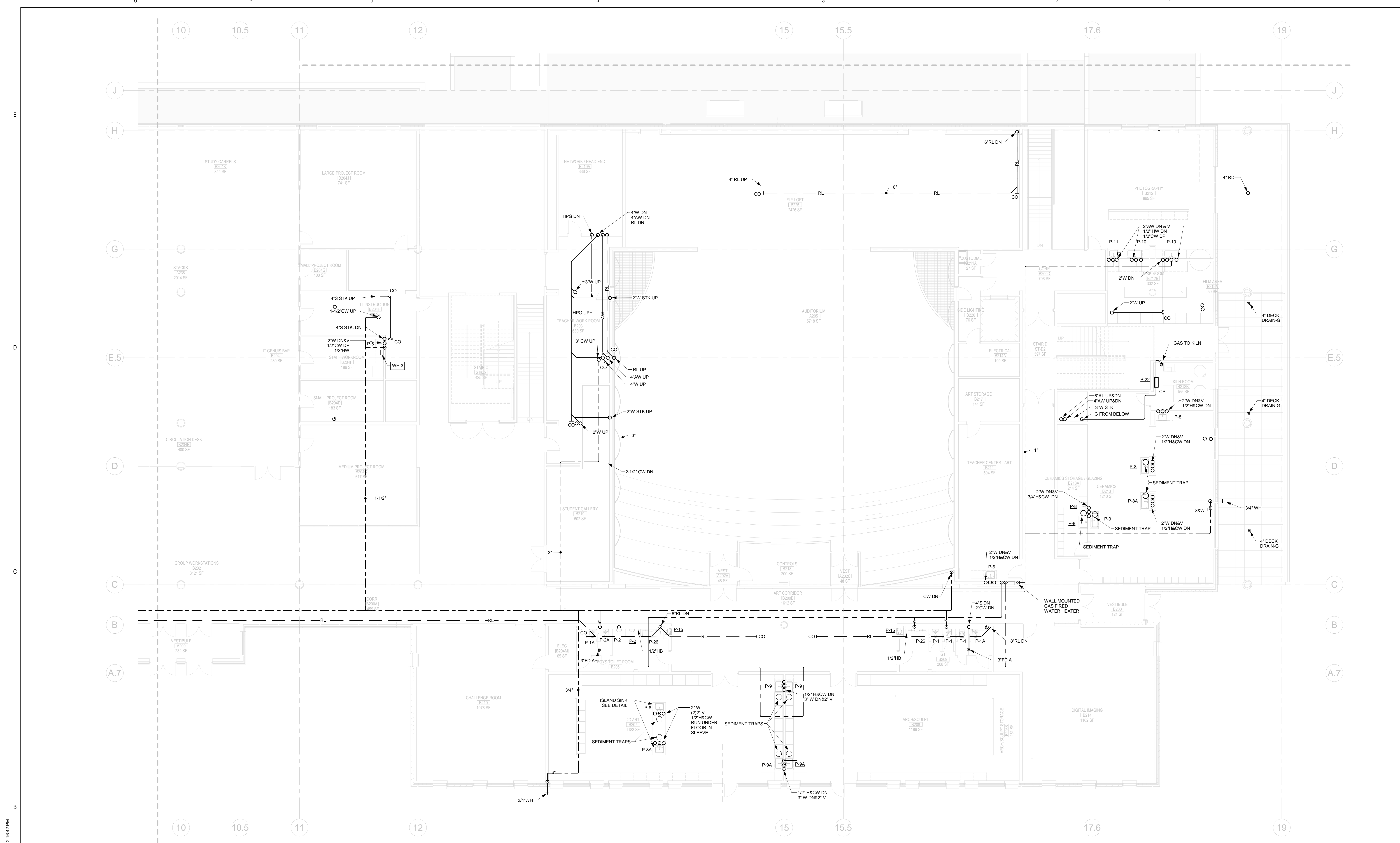
Issue Submissions:

No.:	Date:	Description:
1	8/15/2012	Design Development Submission

Title:
2ND FLOOR PLAN - PART A - PLUMBING

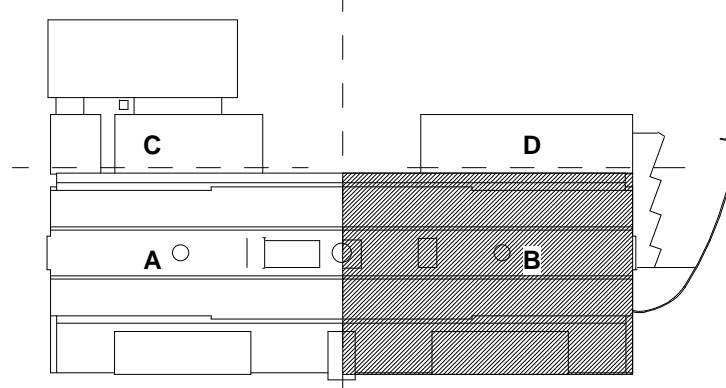
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Project No.: 1102.00
Drawing No.: **P2.1A**
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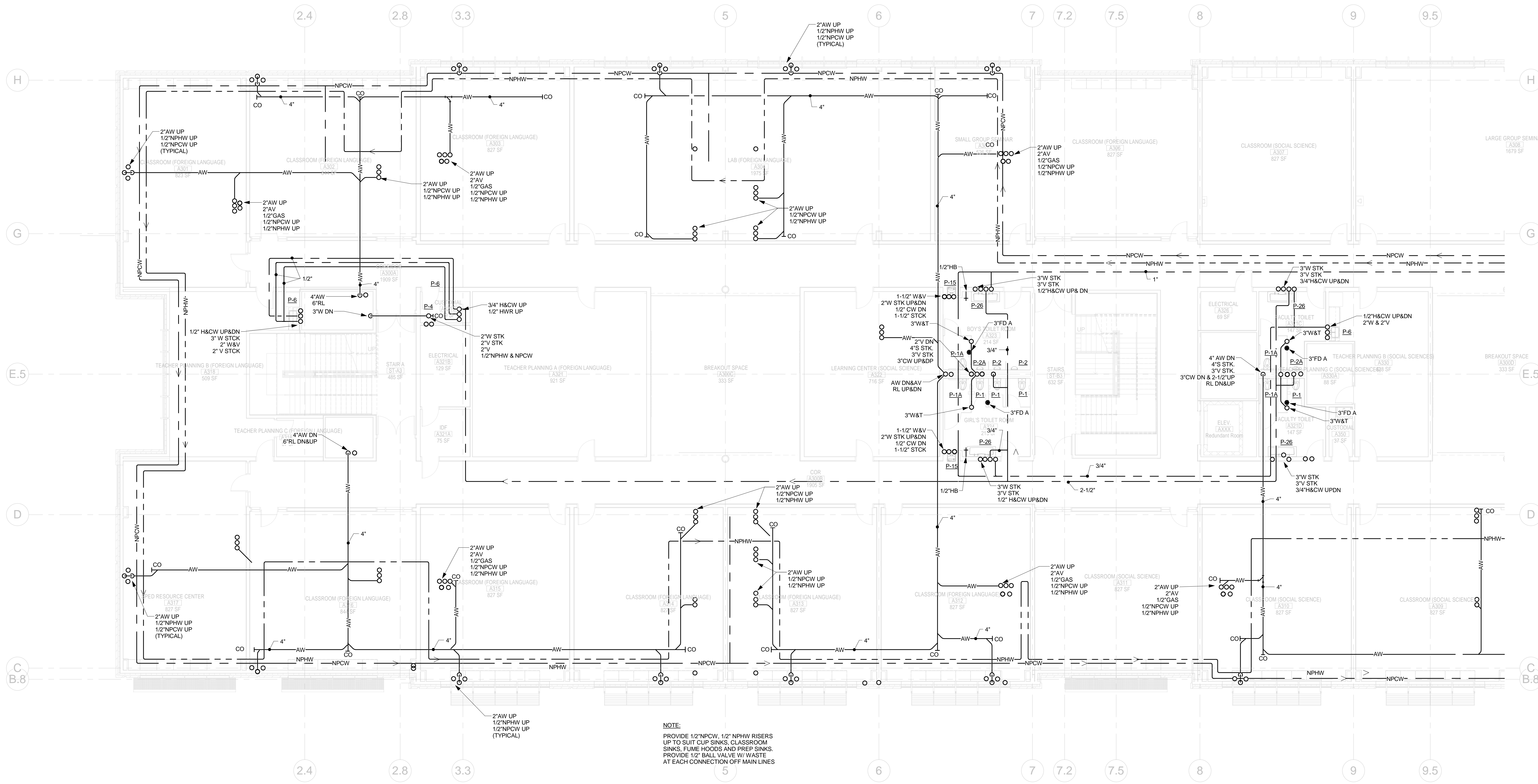
NOTE:
 PROVIDE FLEXIBLE CONNECTIONS
 FOR ALL SYSTEMS PASSING THRU
 EXPANSION JOINTS

① 2ND FLOOR - PLUMBING - PART B
 1/8" = 1'-0"



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No.	Date	Description										
1	8/15/2012	Design Development Submission										
				Date: August 15, 2012 Scale: 1/8" = 1'-0" Drawn: RAD Checked: REJ		© omr architects inc						

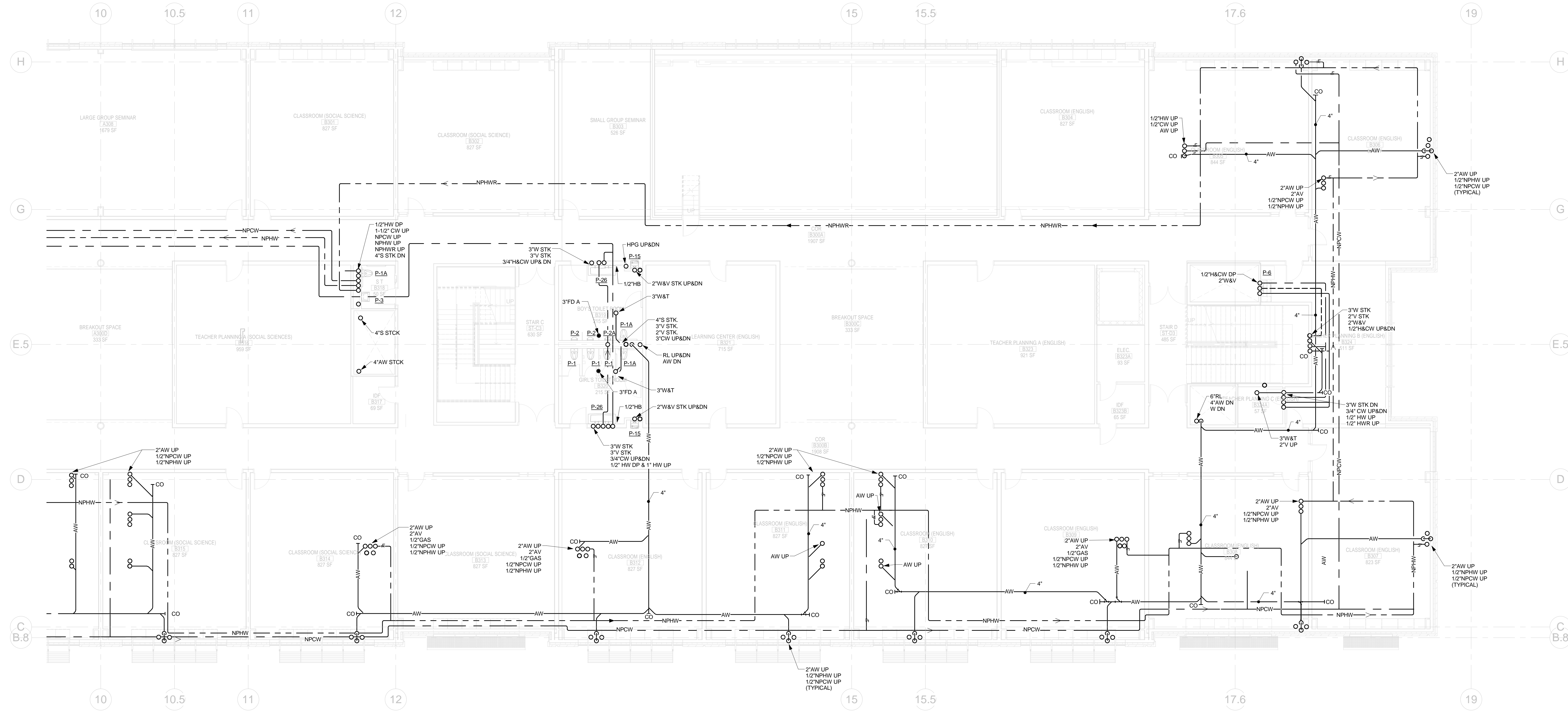


NOTE:
 PROVIDE 1/2"NPCW, 1/2" NPHW RISERS
 UP TO SUIT CUP SINKS, CLASSROOM
 SINKS, FUME HOODS AND PREP SINKS.
 PROVIDE 1/2" BALL VALVE W/ WASTE
 AT EACH CONNECTION OFF MAIN LINES

1 3RD FLOOR - PLUMBING - PART A
 1/8" = 1'-0"

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 3RD FLOOR PLAN - PART A - PLUMBING P2.2A

Architect: omr architects inc 543 Massachusetts Ave, West Acton, MA 01720 www.omr-architects.com t: 978.264.0160	Consulting Engineer: GARCIA GALUSKA DESOUSA CONSULTING ENGINEERS INC. 370 Faunce Corner Road, Dartmouth, MA 02747 - 1271 508-998-5700 • FAX 508-998-0863 • E-MAIL info@g-g-d.com	Registration: <i>Design Development Submission</i>	Project Name and Address: <h2 style="text-align: center;">Concord-Carlisle Regional High School</h2> <p style="text-align: center;">500 Walden Street Concord, MA 01742</p>	Issue Submissions: <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>No.</th> <th>Date</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>8/15/2012</td> <td>Design Development Submission</td> </tr> </tbody> </table>	No.	Date	Description	1	8/15/2012	Design Development Submission	Title: <h3 style="text-align: center;">3RD FLOOR PLAN - PART A - PLUMBING</h3> <p style="text-align: center; font-size: 24pt; font-weight: bold;">P2.2A</p>	Project No.: 1102.00 Drawing No.:
No.	Date	Description										
1	8/15/2012	Design Development Submission										
				Date: August 15, 2012 Scale: 1/8" = 1'-0" Drawn: RAD Checked: REJ		© omr architects inc						



NOTE:
COLUMN LINES 13 & 14 BUILDING
EXPANSION JOINT PROVIDE FLEXIBLE
EXPANSION JOINTS FOR ALL SYSTEMS
PASSING THRU EXPANSION JOINT

NOTE:
PROVIDE 1/2" NPCW, 1/2" NPHW RISERS
UP TO SUIT CUP SINKS, CLASSROOM
SINKS, FUME HOODS AND PREP SINKS.
PROVIDE 1/2" BALL VALVE W/WASTE
AT EACH CONNECTION OFF MAIN LINES

① 3RD FLOOR - PLUMBING - PART B
1/8" = 1'-0"

NOTE:
PROVIDE FLEXIBLE CONNECTIONS
FOR ALL SYSTEMS PASSING THRU
EXPANSION JOINTS

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500 Walden Street
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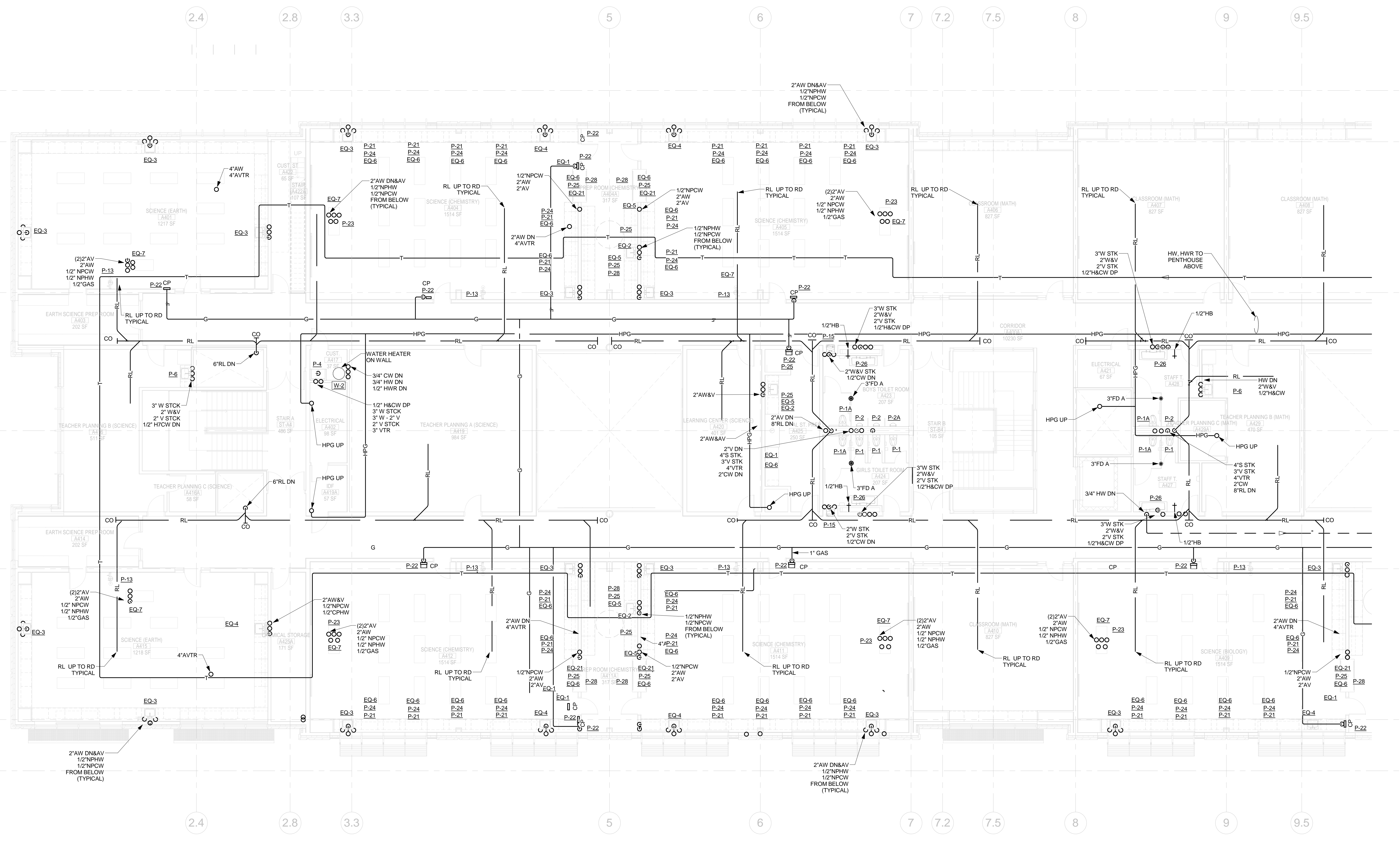
Issue Submissions:

No.:	Date:	Description:
1	8/15/2012	Design Development Submission

Title:
3RD FLOOR PLAN - PART B - PLUMBING

Date: August 15, 2012 Scale: 1/8" = 1'-0" Drawn: RAD Checked: REJ

Project No.: 1102.00
Drawing No.: **P2.2B**
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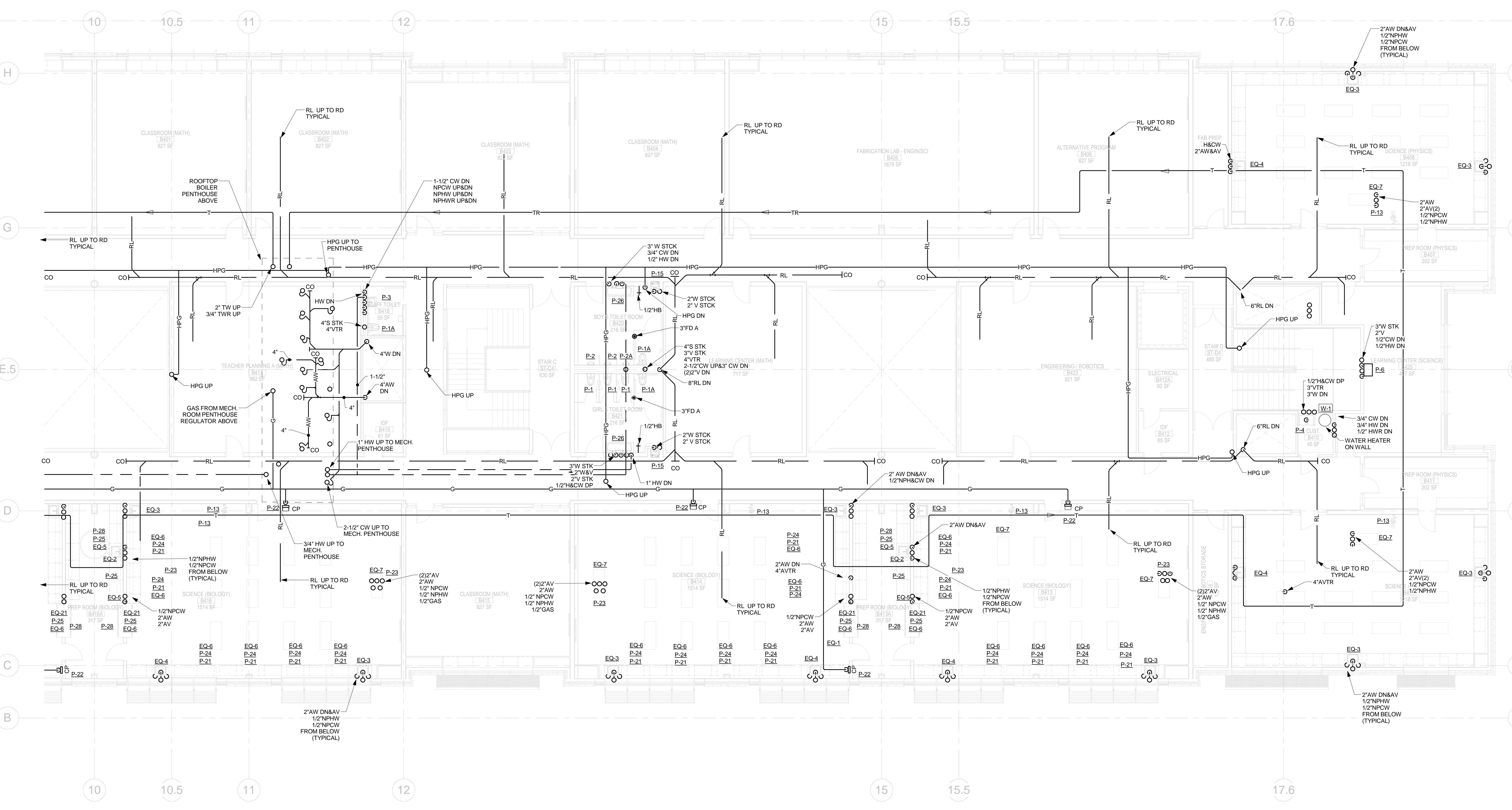


④ 4TH FLOOR - PLUMBING - PART A
1/8" = 1'-0"

- PLUMBING NOTES:**
1. ALL WATER LINES TO ALL CLASSROOM/LABORATORY ROOMS & FIXTURES ARE TO BE SUPPLIED FROM FLOOR BELOW
 2. ALL ACID WASTE SYSTEMS AND PLUMBING VENTS THROUGH ROOF ARE TO BE A MINIMUM OF 25' FROM FRESH AIR INTAKE
 3. PROVIDE FLEXIBLE CONNECTIONS FOR ALL SYSTEMS PASSING THRU EXPANSION JOINTS

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4TH FLOOR PLAN - PART A - PLUMBING P2.3A

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No.	Date	Description										
1	8/15/2012	Design Development Submission										
				Date: August 15, 2012 Scale: 1/8" = 1'-0" Drawn: RAD Checked: REJ								

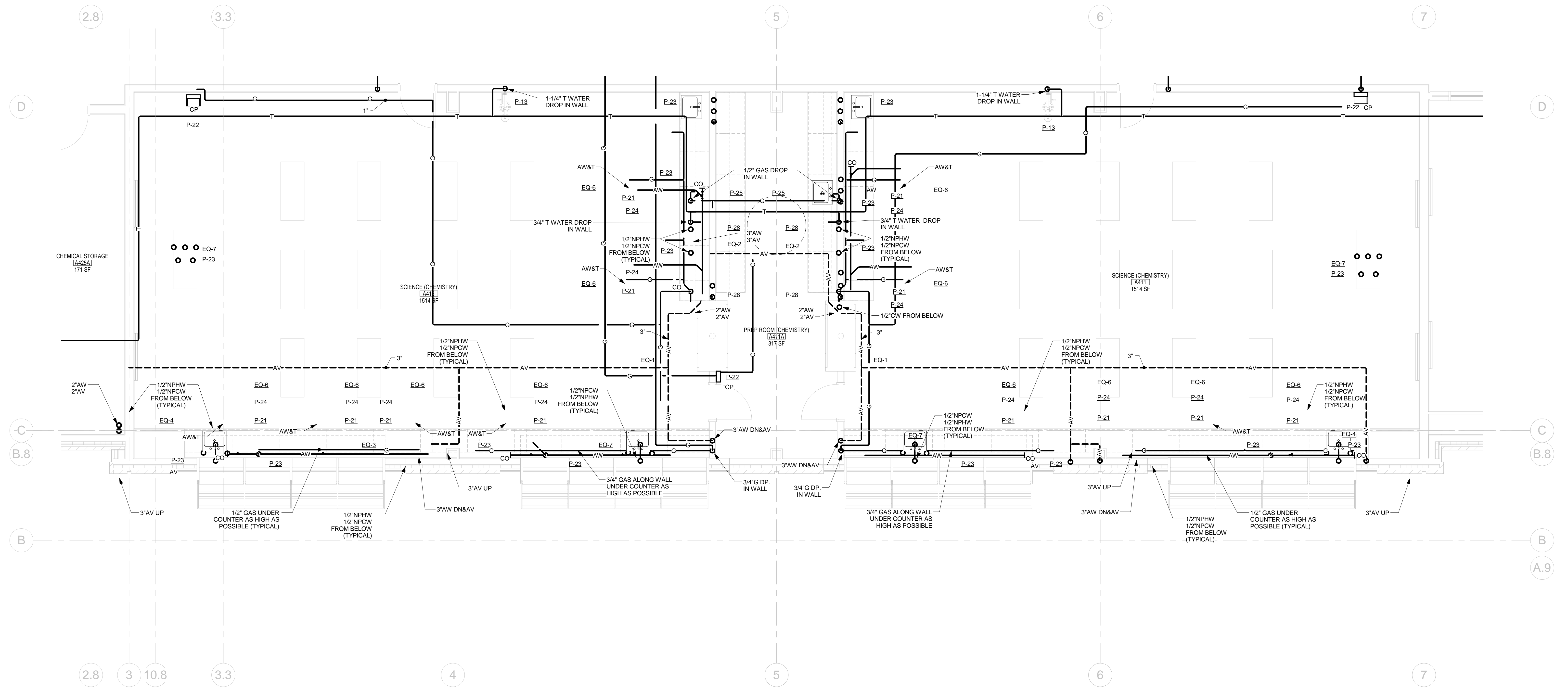


① 4TH FLOOR - PLUMBING - PART B
1/8" = 1'-0"

- PLUMBING NOTES:**
1. ALL NON-POTABLE WATER LINES TO ALL CLASSROOM/LABORATORY ROOMS & FIXTURES ARE TO BE SUPPLIED FROM FLOOR BELOW (OFFSET AS NECESSARY TO AVOID STRUCTURE)
 2. PROVIDE FLEXIBLE CONNECTIONS FOR ALL SYSTEMS PASSING THRU EXPANSION JOINTS
 3. ALL ACID WASTE SYSTEMS AND PLUMBING VENTS THROUGH ROOF ARE TO BE A MINIMUM OF 25' FROM FRESH AIR INTAKE
 4. COORDINATE ACID WASTE & VENT PIPING W/ STRUCTURAL FOR ALL PIPING PASSING THROUGH FLOORS - PROVIDE ALL REQUIRED OFFSETS TO SUIT PIPE INSTALLATION

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4TH FLOOR PLAN - PART B - PLUMBING P2.3B

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No.	Date	Description										
1	8/15/2012	Design Development Submission										
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1 TYPICAL SCIENCE CLASSROOM
1/4" = 1'-0"

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TYPICAL SCIENCE CLASSROOM PLAN - PLUMBING P2.3C

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Registration:

Design Development Submission

Project Name and Address:

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500 Walden Street
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Issue Submissions:

No.	Date	Description
1	8/15/2012	Design Development Submission

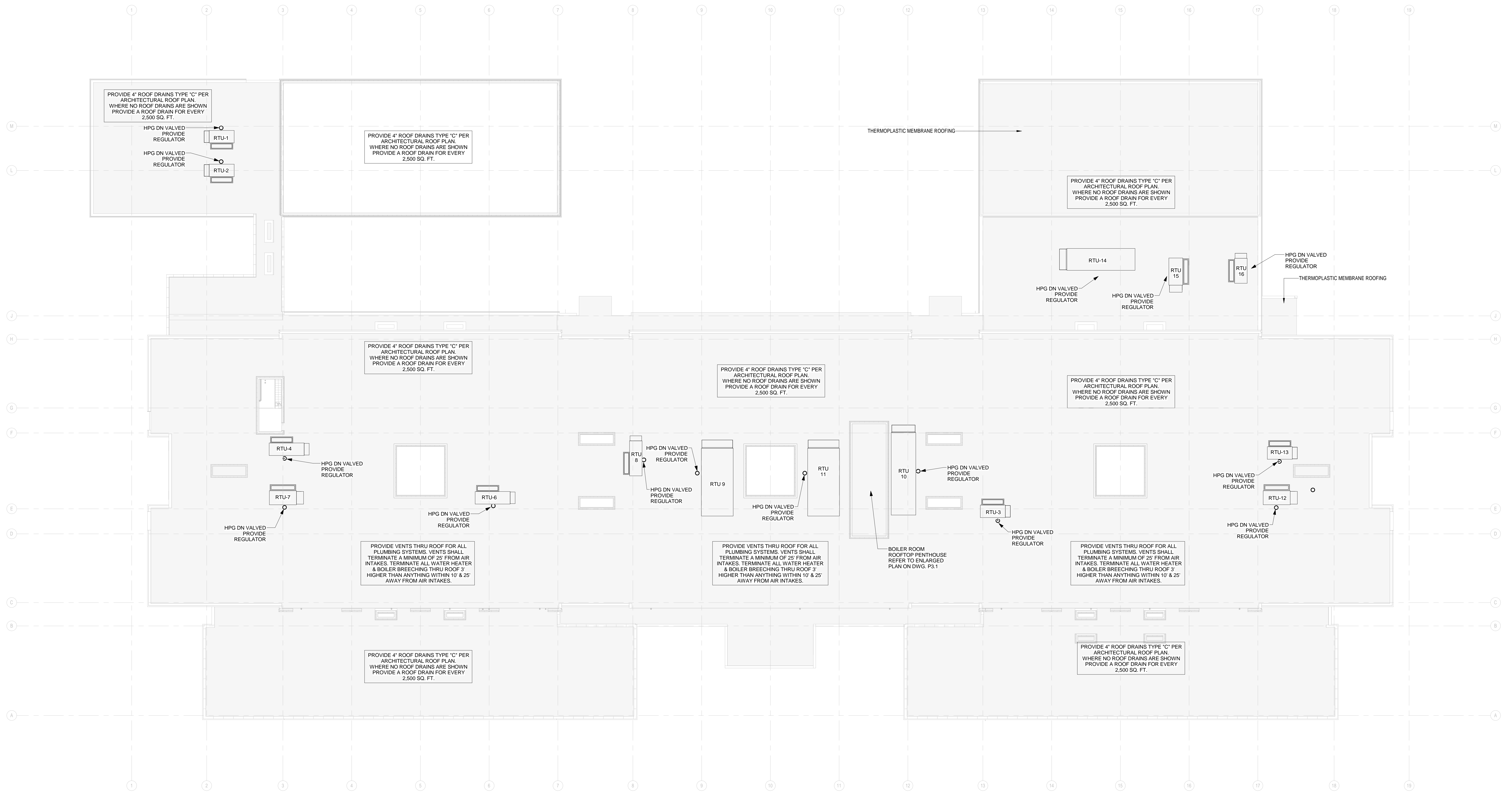
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TYPICAL SCIENCE CLASSROOM PLAN - PLUMBING

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Project No.: 1102.00
Drawing No.: **P2.3C**
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1 ROOF PLAN - PLUMBING
1/16" = 1'-0"

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Registration:

Design Development Submission

Project Name and Address:

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Issue Submissions:

No.	Date	Description
1	8/15/2012	Design Development Submission

Title:

ROOF PLAN - PLUMBING

Date: August 15, 2012 Scale: 1/16" = 1'-0" Drawn: Author Checked: Checker

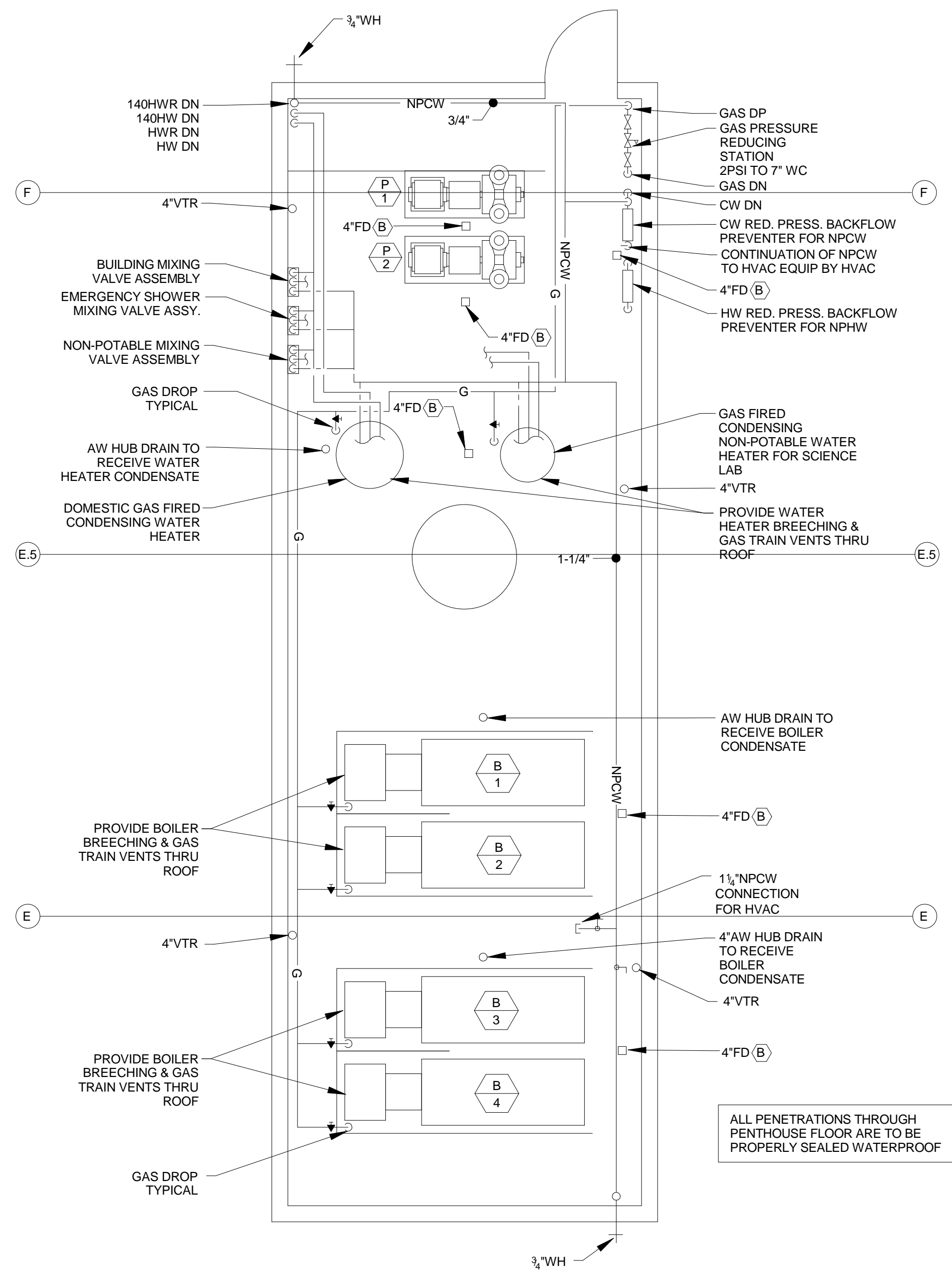
Project No.: 1102.00
Drawing No.: P3.0
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F

D

C

B



BOILER PLANT PENTHOUSE
SCALE: 1/4"=1'-0"

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MECHANICAL PENTHOUSE PLUMBING P3.1

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Issue Submissions:

No.:	Date:	Description:
1	8/15/2012	Design Development Submission

Title:

MECHANICAL PENTHOUSE PLUMBING

Date: August 15, 2012 Scale: Drawn: REJ Checked: WFH

Project No.: 1102.00
Drawing No.: **P3.1**
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