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ATLANTA, GEORGIA

301

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JSE
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4275 Shackelford Road, Suite 200
Norcross, GA 30093
V: (770) 447-5547 F: (770) 448-0262
Project Number: 141-0208
Drawn By: Cheolbae Ro



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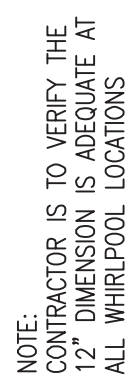
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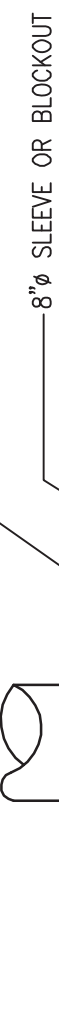
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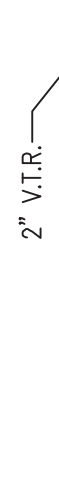
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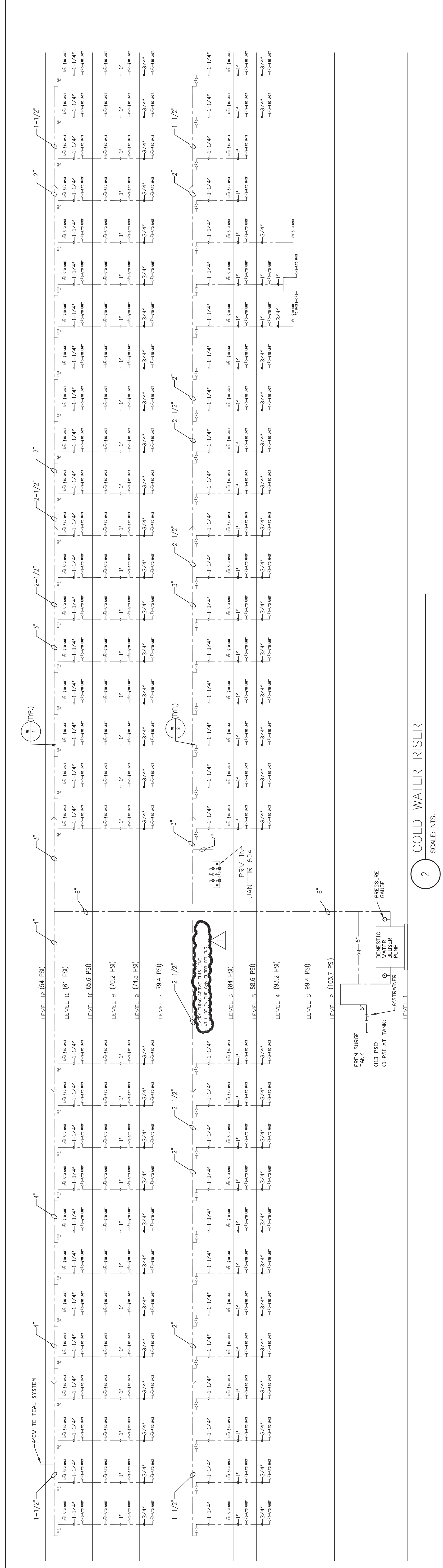
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WATER RISERS

COOL

03/18/2014



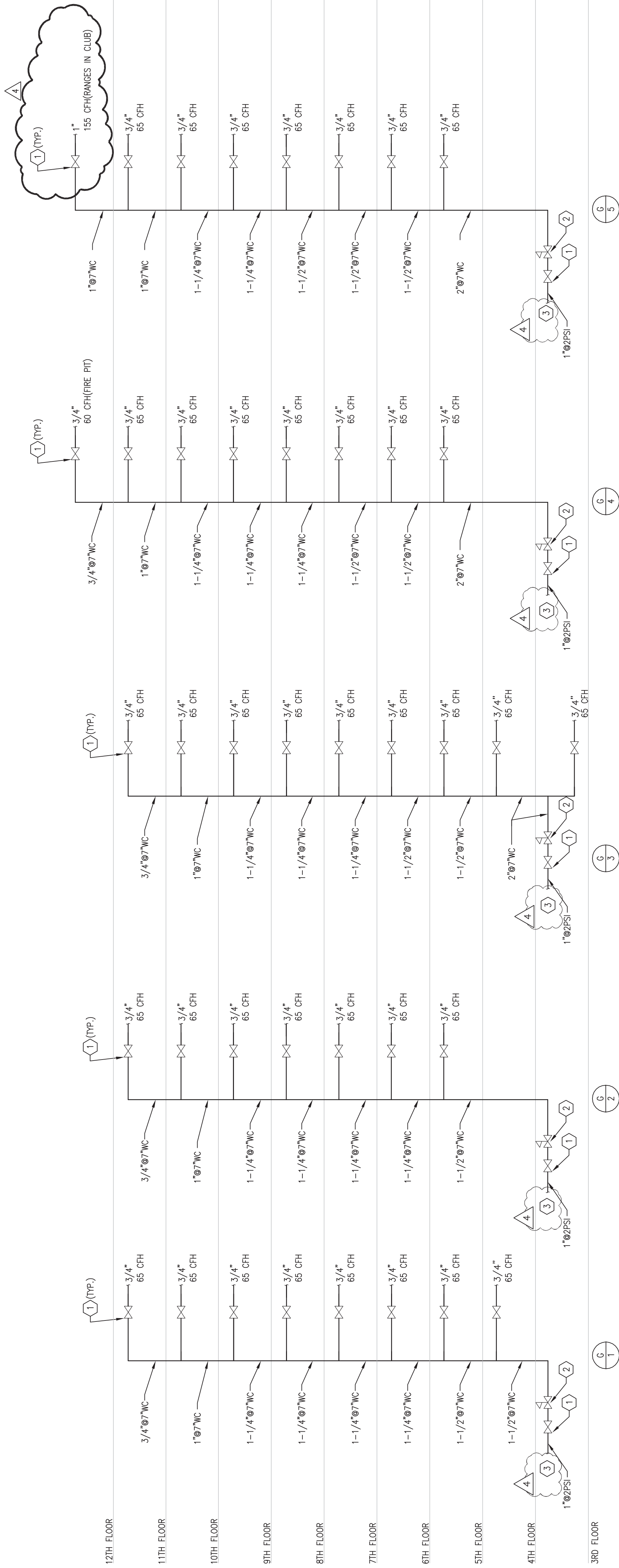
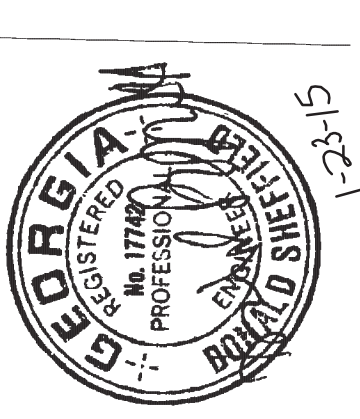
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PROJECT #: 113044.00
DRAWN BY:
CHECKED BY:



KEY NOTES:

- 1 SHUT-OFF VALVE
- 2 PROVIDE MAXITROL VENTLESS REGULATOR - SET AT 7" W.C.
- 3 REFER TO PARKING DECK PLANS, SHEET PP2.03B FOR CONTINUATION OF GAS PIPING

GAS RISERS
SCALE: N.T.S.



PROJECT #: 113044.00
DRAWN BY:
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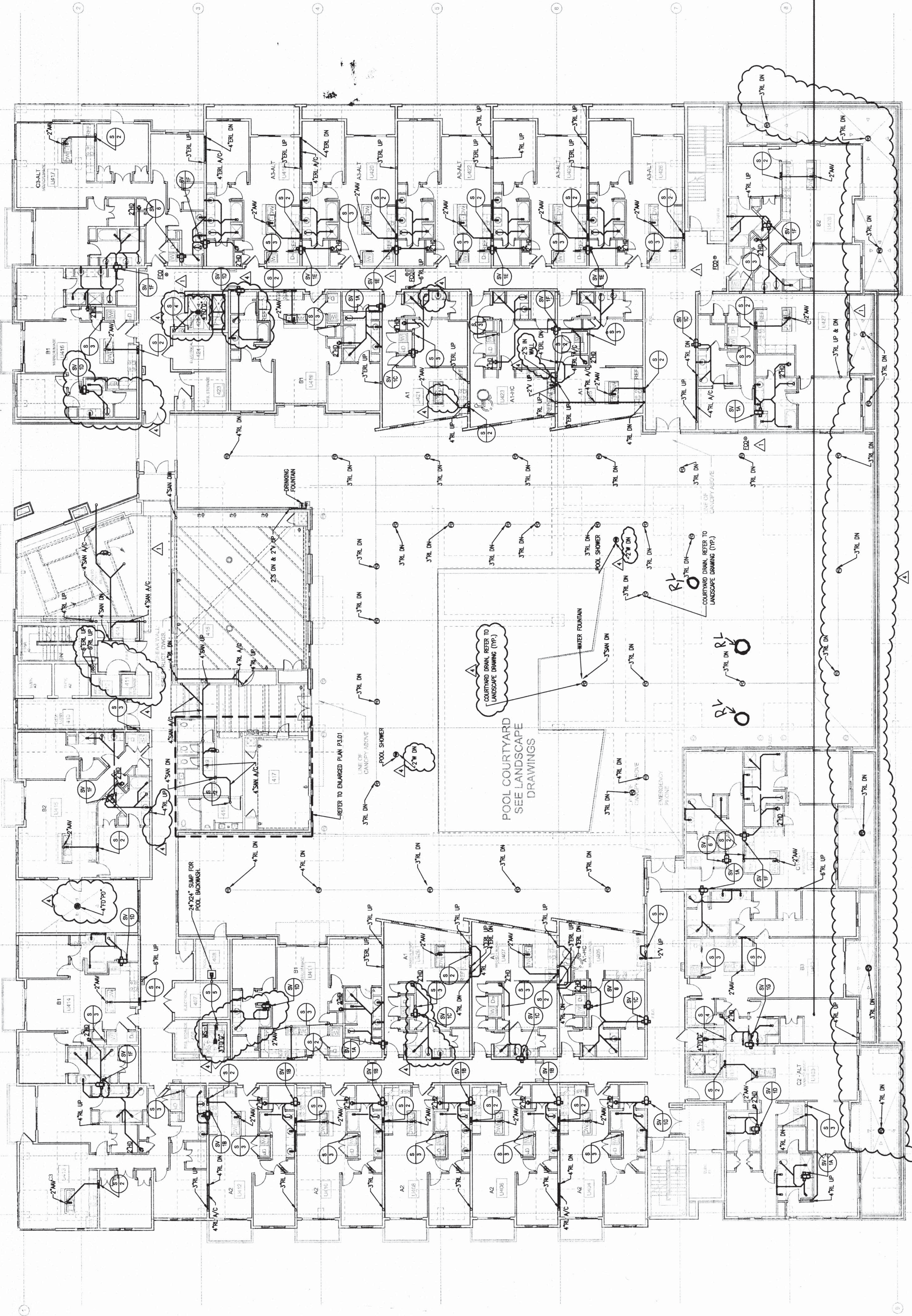
LEVEL 4 BUILDING PLAN -
SANITARY

P2.01A
03/18/2014

USE Jordan & Skala Engineers
1111 Peachtree Street, N.E.
Atlanta, Georgia 30309
Phone Number: 404.528.1100
Fax Number: 404.528.1101
Checked By: _____
Drawn By: _____

ASBUILT

1 LEVEL 4 BUILDING PLAN - SANITARY
P2.01A 3/20/14





CHECKED BY:

KEY NOTES:

B: 2" VERTICAL PIPING FROM ABOVE (MEP TO VERIFY EXACT LOCATION).

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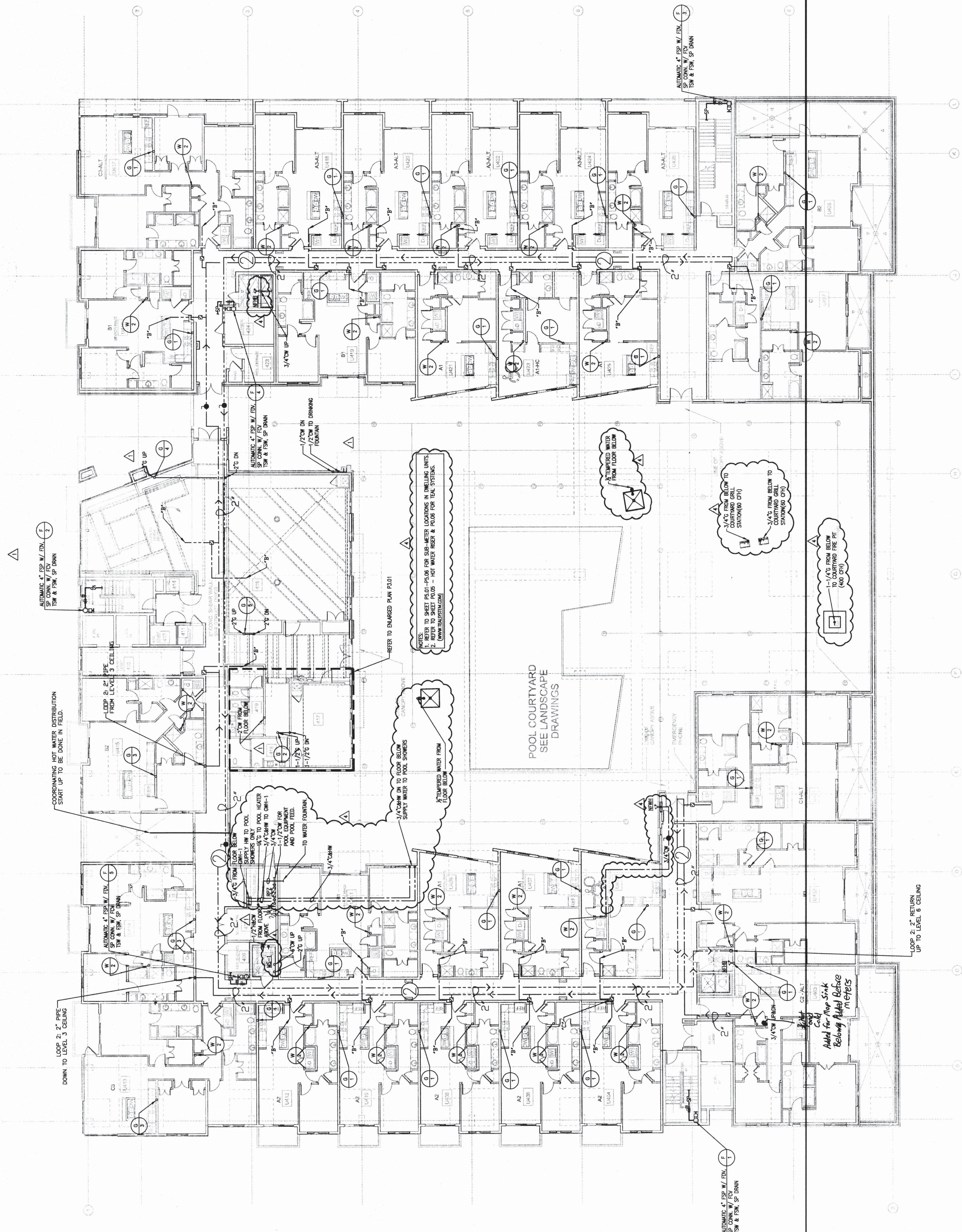
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P2.01B 
03/18/2014

ASBUILT

JSE
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Project Number - 141-02208
Drawn By: _____ Checked By: _____

1 LEVEL 4 BUILDING PLAN - WATER & GAS





PROJECT #: 113044.00
DRAWN BY:
CHECKED BY:

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No.	Description	Date
1	DESIGN DEVELOP 50%	05/20/14
2	DESIGN DEVELOP 100%	05/23/14
3	85% CD SET	07/25/14
4	100% CD SET	08/18/14
5	REVISION 1	08/19/14
6	REVISION 2	10/21/14
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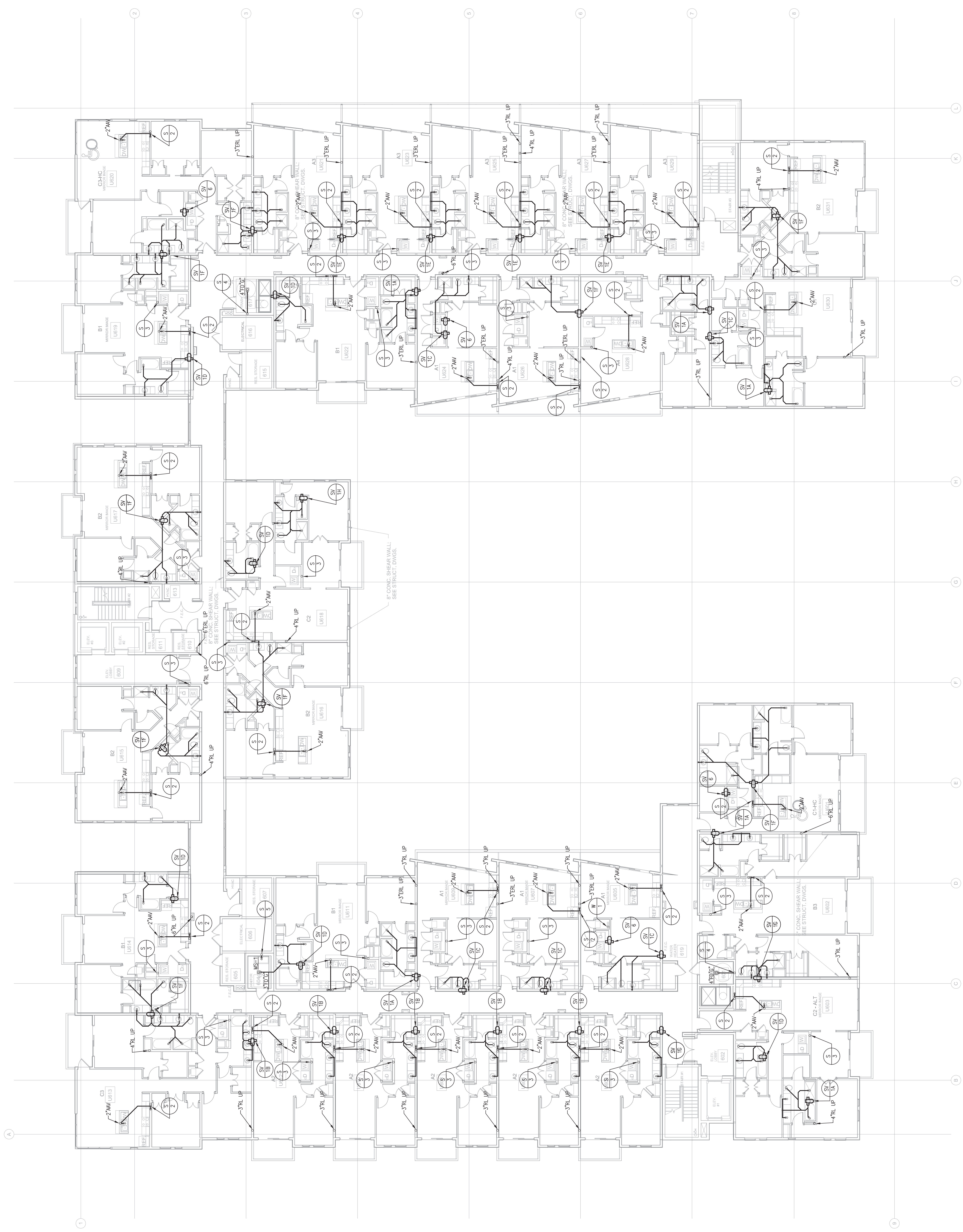
**LEVEL 6 BUILDING PLAN -
SANITARY**

P2.03A2
03/18/2014

JSE Jordan & Skala Engineers
4275 Peachtree Dunwoody Rd., Suite 200
Atlanta, Georgia 30340
P: 770.442.5547 F: 770.444.6842
Project Number - 11-008 Drawn By: Checked By:

ASBUILT

1 LEVEL 6 BUILDING PLAN - SANITARY
P2.03A2 3/18/2014





PROJECT #: 113044.00
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No.	Description	Date
1	DESIGN DEVELOP 50%	05/20/14
2	DESIGN DEVELOP 100%	05/23/14
3	80% CD SET	07/25/14
4	100% CD SET	08/05/14
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**LEVEL 6 BUILDING PLAN
- WATER**

P2.03A

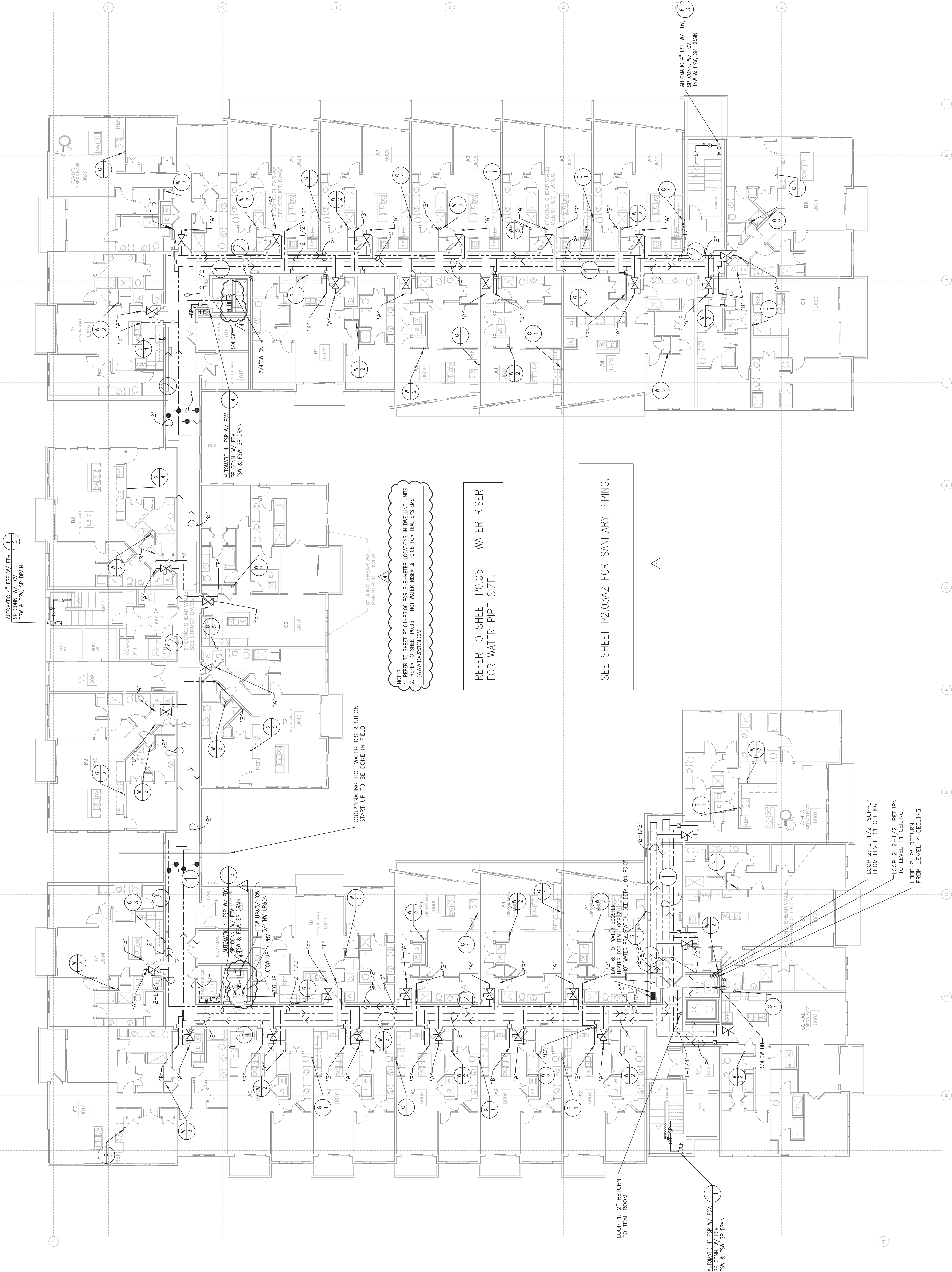
03/18/2014

KEY NOTES:

- A: 2" VERTICAL PIPING DOWN (MEP TO VERIFY EXACT LOCATION).
- B: 2" VERTICAL PIPING FROM ABOVE (MEP TO VERIFY EXACT LOCATION).
- C: TYPICAL ACCESS PANEL IN CORRIDOR (MINIMAL SIZE 12X12") (MEP TO VERIFY LOCATION WITH ARCHITECT DIRECTION).
- D: ELECTRIC HEATER & PRV ON THIS FLOOR. (MEP TO VERIFY EXACT LOCATION). SEE HW RISER.

**BEST PRACTICE
RECOMMENDATIONS:**

- MEP TO VERIFY EXACT LOCATION OF ENTRY AND EXIT OF BUILDINGS.
- MEP TO VERIFY EXACT LOCATION OF VERTICAL RISER PIPING IN GARAGE/CORRIDORS/UNITS.
- ALL PIPING INSIDE OF A BUILDING SHOULD BE IN CONCRETE FLOORS/CEILING AT SEE RISER DETAILS.
- HW LDDP PIPING TO BE 2-1/2" FROM TEAL ROOM UNTIL THE LAST PIPE HANG. THEN DROPPED TO 2" PIPING TO TEAL ROOM (UNLESS SEE LDDP LAYOUT).
- ALL HW PIPING LDDPS WILL HAVE A HEADER, A FOOTER PIPING AND REVERSE RETURN PIPING AS SHOWN ON THESE PLANS AND THE HW RISER.
- THE TOTAL VOLUME OF WATER CIRCULATED IN THE HW GROUTED MAN AND ANY FIXTURE SHOULD NOT BE MORE THAN 10 GALLONS UN-CIRCULATED WATER FOR 2 GPM FIXTURE OR 5 GPM LDDP PIPING.
- MEP & CIVIL TO COORDINATE HW RISER PIPING TO THE TEAL ROOM GRADE. (PER ARCHITECT DIRECTION).
- PLUMBING CONTRACTOR TO PROVIDE AND INSTALL ALL HOT WATER DISTRIBUTION PIPING PLUMBING UNLESS OTHERWISE NOTED AND WATER CONNECTIONS TO THE TEAL PLUG AND PLAY EQUIPMENT PACKAGE.
- THIS HW LAYOUT IS PROVIDED WITHOUT A TURN KEY OR PHASING. THE PLUMBING CONTRACTOR SHALL VERIFY THE PHASING AND MAKE ANY NECESSARY CHANGES OR ADDITIONAL COLLABORATION ARE REQUIRED.
- PIPE SIZING IS BASED ON HISTORIC DATA COLLECTED FROM PREVIOUS PROJECTS. THE PLUMBING CONTRACTOR SHALL VERIFY THE PIPE SIZING AND MAKE ANY NECESSARY CHANGES OR ADDITIONAL COLLABORATION ARE REQUIRED.
- THE TEAL EQUIPMENT PACKAGE IN THE TEAL ROOM IS DESIGNED FOR THIS NUMBER OF UNITS. THE RISERS ARE CHANGE BUILT (THE TEAL SYSTEM) SHOULD BE NOTIFIED.



1 LEVEL 6 BUILDING PLAN - WATER
P2.03A 3/22/14



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**LEVEL 7-10 BUILDING PLAN
- PLUMBING**

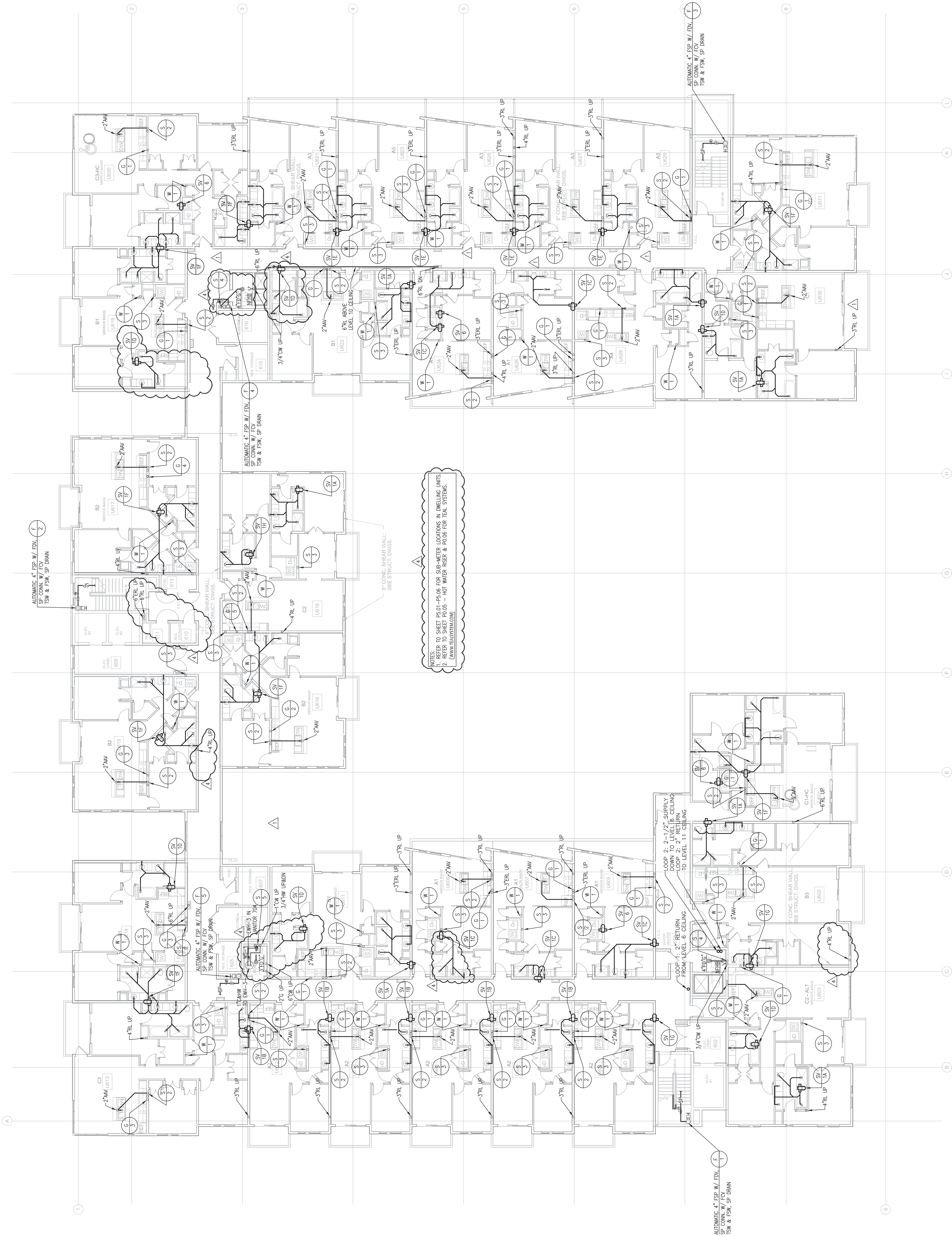
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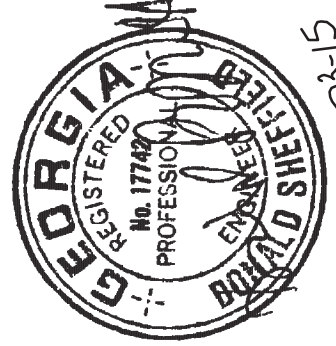
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Project Number - 141-0208

1 LEVEL 7-10 BUILDING PLAN - PLUMBING





1-23-15

PROJECT #: 113044.00

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2	DESIGN DEVELOP 100%	07/25/14
3	80% CD SET	07/25/14
4	100% CD SET	08/18/14
5	REVISION 1	08/18/14
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This drawing is an integral part of the contract documents and shall be read in conjunction with the specifications and other documents forming a part of the contract.

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**LEVEL 11 BUILDING PLAN -
SANITARY**

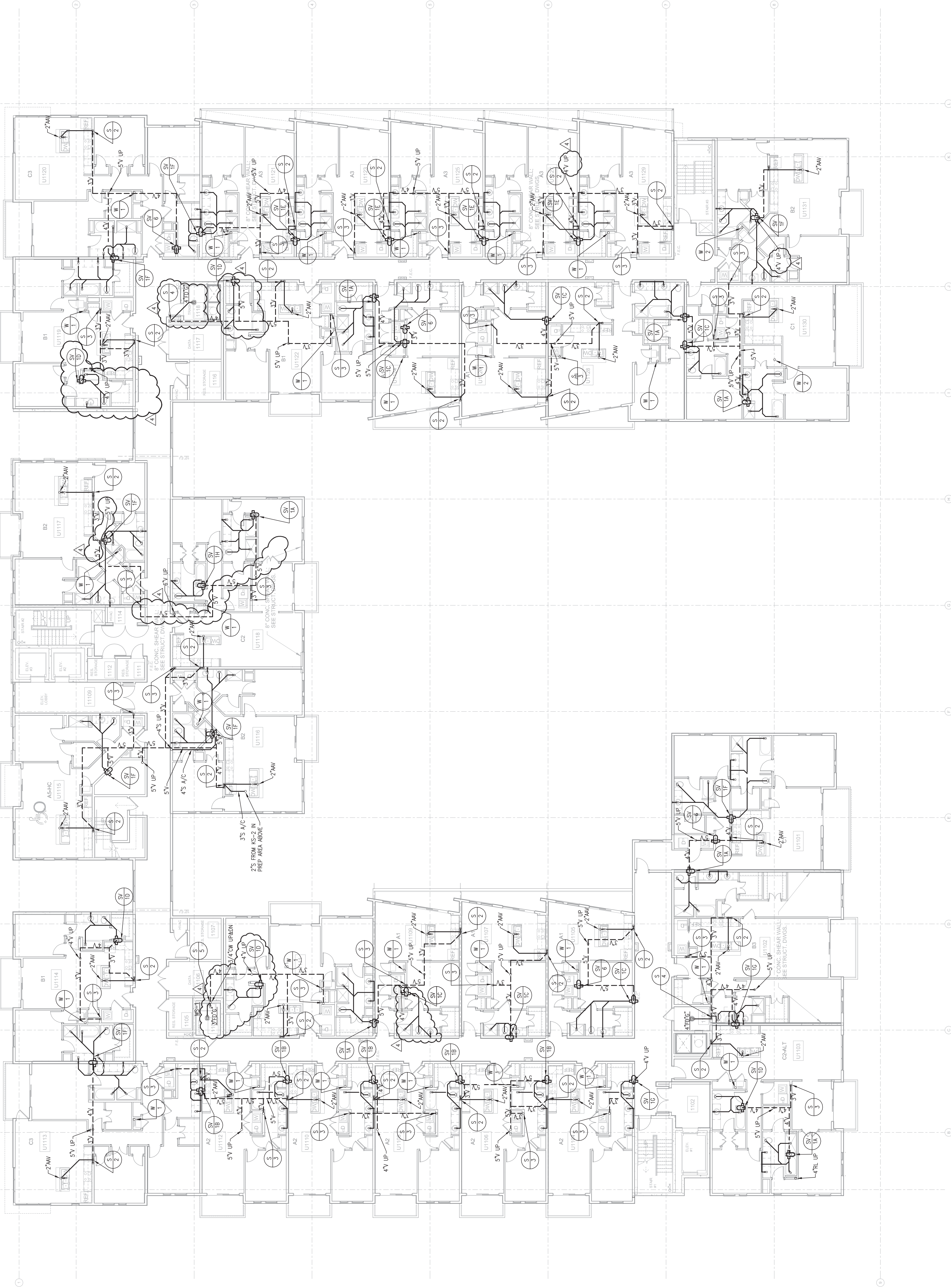
JSE Jordan & Skala Engineers
2275 Peachtree Road, Suite 200
Atlanta, GA 30305
P 404 555 7777 F 404 555 7777
Project Number: 11-008 Drawn By: Checked By:

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P2.04A

03/18/2014

1 LEVEL 11 BUILDING PLAN - SANITARY
P2.04A 3/32"=1'-0"





PROJECT #: 13094.00

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**LAYER 11 BUILDING PLAN -
WATER & GAS**

P2.04B

03/18/2014

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1075 Peachtree Street, N.E.
Atlanta, Georgia 30309
404.525.1100
Project Number: 13094.00
Drawn By: JSE
Checked By: JSE

ASBUILT

KEY NOTES:

1. 2" VERTICAL PIPING DOWN (MEP TO VERIFY EXACT LOCATION).

**BEST PRACTICE
RECOMMENDATIONS:**

1. MEP TO VERIFY EXACT LOCATION OF INTAKE AND EXISTING BUILDINGS.
2. MEP TO VERIFY EXACT LOCATION OF VERTICAL RISER PIPING IN GARAGE/CORRIDOR/UNITS.
3. ALL PIPING INSIDE OF A CEILING TRUSS SPACE OR AT CEILING TRUSS DETAILS. SEE RISER DETAILS.
4. HW LOOP PIPING TO BE 3/4" FROM TEAL ROOM UNTIL THE LAST 2' OF PIPING, THEN DROP TO A 2" PIPING. SEE RISER DETAILS. SEE LOOP LAYOUT.
5. ALL HW PIPING LOOPS WILL HAVE A HEADER, A TIGHTER PIPING AND A TIGHTER PIPING. SEE RISER DETAILS. SEE LOOP LAYOUT.
6. THE TOTAL VOLUME OF WATER CONTAINED IN THE PIPE BETWEEN THE TEAL ROOM AND ANY OTHER ROOM SHOULD NOT EXCEED THE GPM FLOW OF THAT FIXTURE. WATER SHALL BE INSTALLED AT 2 GPM PER 2 GPM FIXTURE OR 2 GPM PER 2 GPM FIXTURE OR 2 GPM PER 2 GPM FIXTURE.
7. COORDINATE HW DISTRIBUTION PIPING WITH THE GRADE. (SEE ARCHITECT DRAWING).
8. PLUMBING CONTRACTOR TO PROVIDE AND INSTALL ALL HOT WATER PIPING. PLUMBING CONTRACTOR TO MAKE ALL GAS AND PLUMBING CONNECTIONS TO THE TEAL EQUIPMENT PACKAGE.
9. THIS ASBUILT IS FOR THE RECORD. SCHEDULE PLEASE CONTACT MICHAEL JORDAN & SKALA ENGINEERS FOR ANY CHANGES OR ADDITIONAL COLLABORATION ARE REQUIRED.
10. PIPE SIZING IS BASED ON HISTORIC DATA. THE PROJECTS PEAK FLOW IS 0.2 GPM PER APARTMENT WITH AN 80% DEDUCT.
11. THE TEAL EQUIPMENT PACKAGE IN THIS LOOP LAYOUT AND RISERS. IF THE CHANGES OR ADDITIONAL COLLABORATION ARE REQUIRED, THE CHANGES SHOULD BE NOTIFIED.

3/4" RPZ Check valve for irrigation on roof added before meter.

COORDINATING HOT WATER DISTRIBUTION START UP TO BE DONE IN FIELD.

NOTES:
1. REFER TO SHEET P2.01-PIRIS FOR SUB-METER LOCATIONS IN DWELLING UNITS.
2. REFER TO SHEET P2.05 - HOT WATER RISER & PIRIS FOR TEAL SYSTEMS.

REFER TO SHEET P2.05 - WATER RISER FOR WATER PIPE SIZE.

1 LEVEL 11 BUILDING PLAN - WATER & GAS
P2.04B 3/18/2014



PROJECT # : 13044.00
DRAWN BY :
CHECKED BY :

**NILES BOLTON
ASSOCIATES**

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F 404 365 7510
www.nilesbolton.com

No.	DESCRIPTION	Date
1	DESIGN DEVELOPMENT	05/20/14
2	DESIGN DEVELOPMENT	05/20/14
3	DESIGN DEVELOPMENT	05/20/14
4	DESIGN DEVELOPMENT	05/20/14
5	DESIGN DEVELOPMENT	05/20/14
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7	DESIGN DEVELOPMENT	05/20/14
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96	DESIGN DEVELOPMENT	05/20/14
97	DESIGN DEVELOPMENT	05/20/14
98	DESIGN DEVELOPMENT	05/20/14
99	DESIGN DEVELOPMENT	05/20/14
100	DESIGN DEVELOPMENT	05/20/14

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LEVEL 11 BUILDING PLAN -
STORM

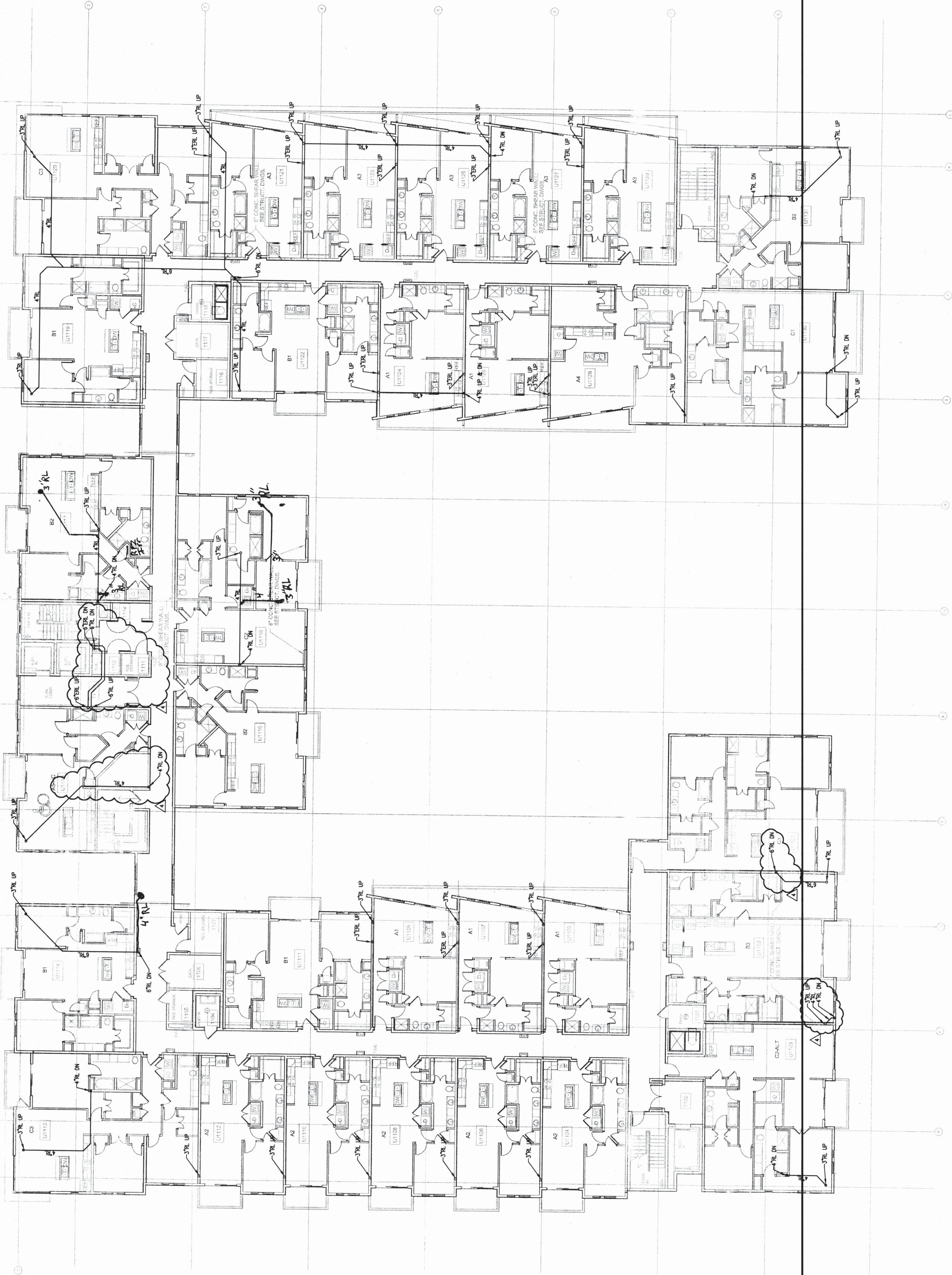
P204C

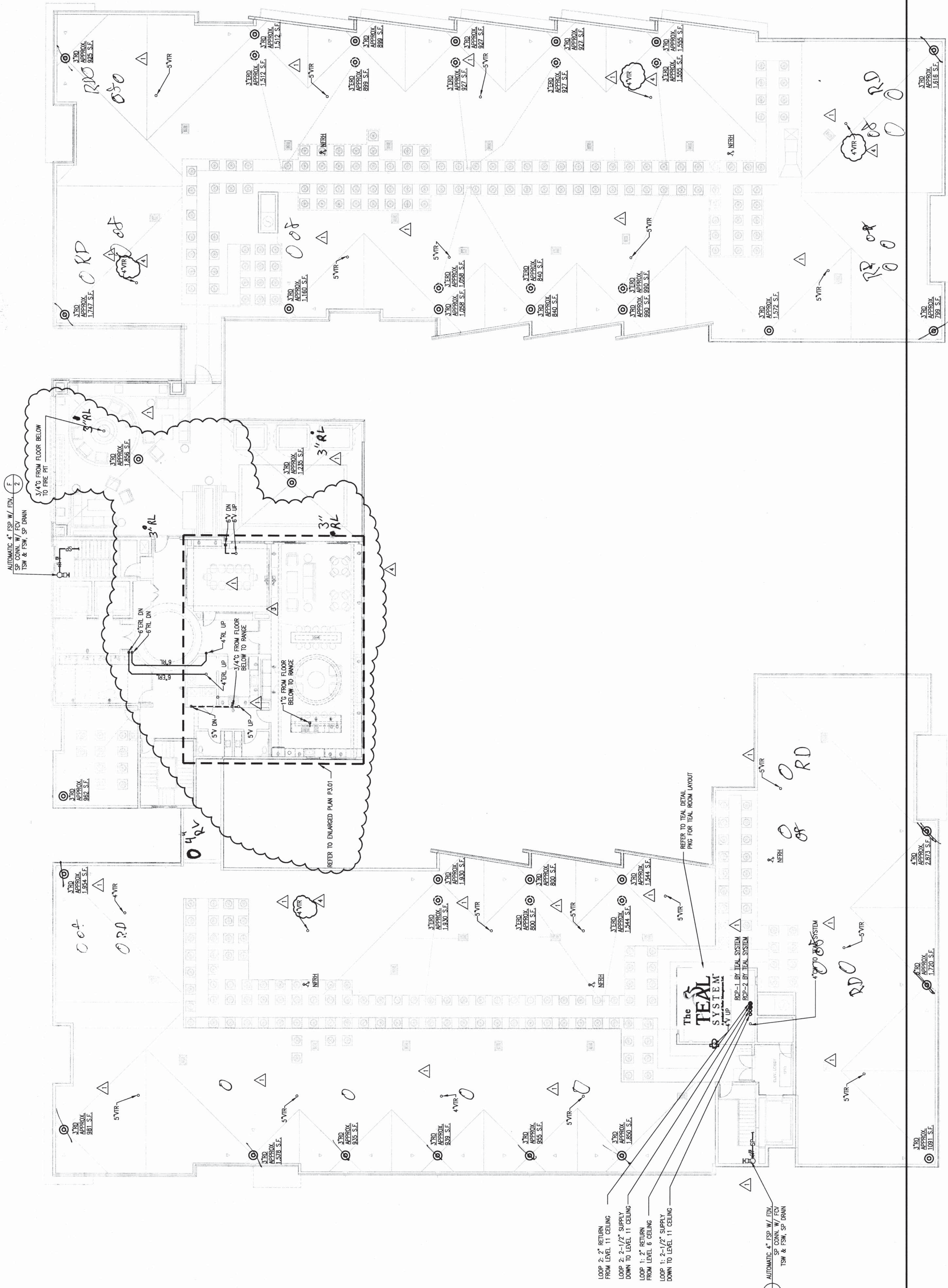
03/18/2014

JSE
Jordan & Skala Engineers
1075 Peachtree Road, Suite 200
Atlanta, GA 30309
Project Number: 14-038
Drawn By: Checked By:

ASBUILT

1 LEVEL 11 BUILDING PLAN - STORM
P204C 3/20/14





1 LEVEL 12 BUILDING PLAN - PLUMBING
P2.05 7'32\"/>

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LEVEL 12 BUILDING PLAN -
PLUMBING

JSE Jordan & Skala Engineers
1000 Peachtree Street, N.W.
Atlanta, Georgia 30309
Project Number: H4-008
Drawn By: Checked By:

ASBUILT

P2.05

03/18/2014

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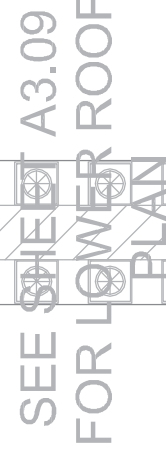
PROJECT #: 113044.00
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Suite 600
Atlanta, GA 30305
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No.	Description	Date
1	DESIGN DEVELOP 50%	05/07/14
2	DESIGN DEVELOP 100%	07/08/14
3	100% CD SET	08/06/14
4	REVISION 1	09/19/14
5	REVISION 2	10/21/14
6	REVISION 3	10/21/14
7	REVISION 4	01/23/15

This drawing is to be used in accordance with the provisions of the Georgia Building Code and the Georgia Plumbing Code. It is the responsibility of the user to verify the accuracy of the information provided on this drawing.



MECH. EQUIPMENT
SEE MECHANICAL DRAWINGS



PROJECT #: 113044.00
DRAWN BY:
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No.	Description	Date
1	DESIGN DEVELOP 50%	05/01/14
2	DESIGN DEVELOP 100%	07/29/14
3	100% CD SET	08/19/14
4	REVISION 1	08/19/14
5	REVISION 2	10/01/14
6	REVISION 3	10/01/14
7	REVISION 4	01/29/15

This drawing is an integral part of the contract documents for the project and shall be read in conjunction with the other drawings and specifications. It is the responsibility of the user to verify the accuracy of the information presented on this drawing.

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RELEASED FOR CONSTRUCTION

P3.01

**ENLARGED FLOOR PLANS
- PLUMBING**

03/18/2014

JSE
Jordan & Skala Engineers
1175 Peachtree Road, Suite 200
Atlanta, GA 30309
Project Number: 14-0208
Drawn By: JSE
Checked By: JSE

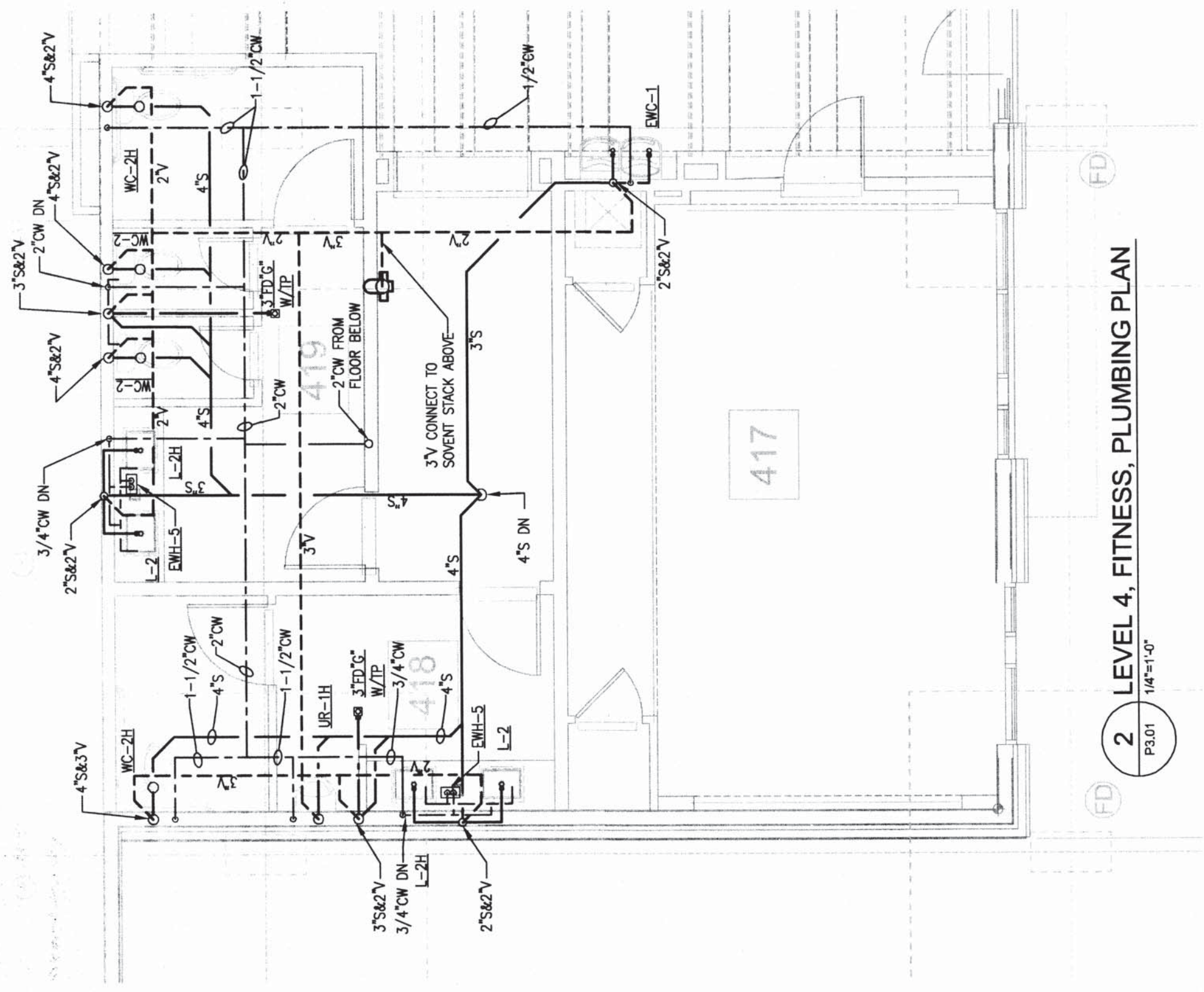
ASBUILT

1 LEVEL 3, LEASING, PLUMBING PLAN
P3.01 1/8"=1'-0"

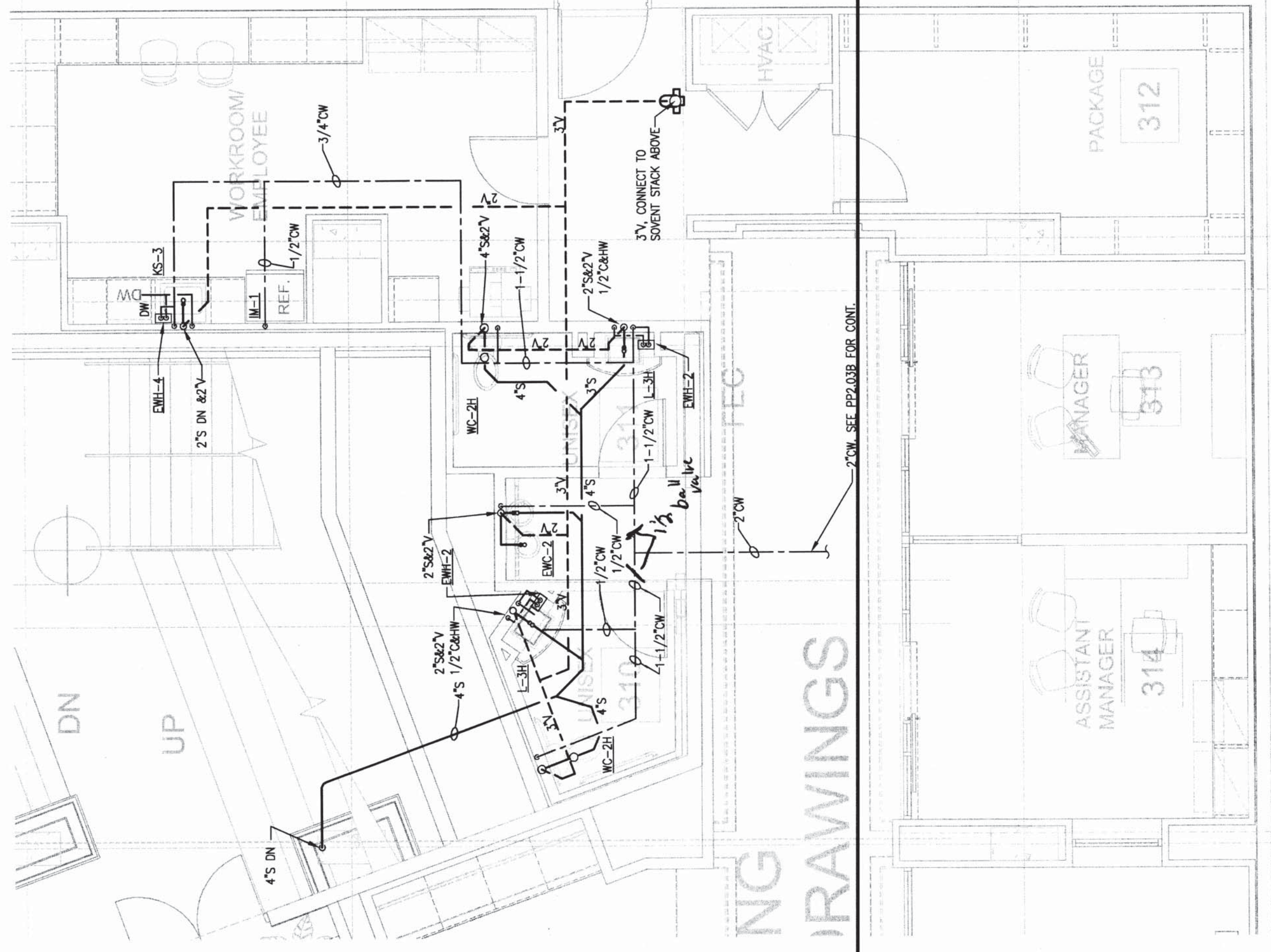
6 LEVEL 4, FITNESS, RESTROOM SANITARY RISER
P3.01 NTS

5 LEVEL 3, LEASING, RESTROOM SANITARY RISER
P3.01 NTS

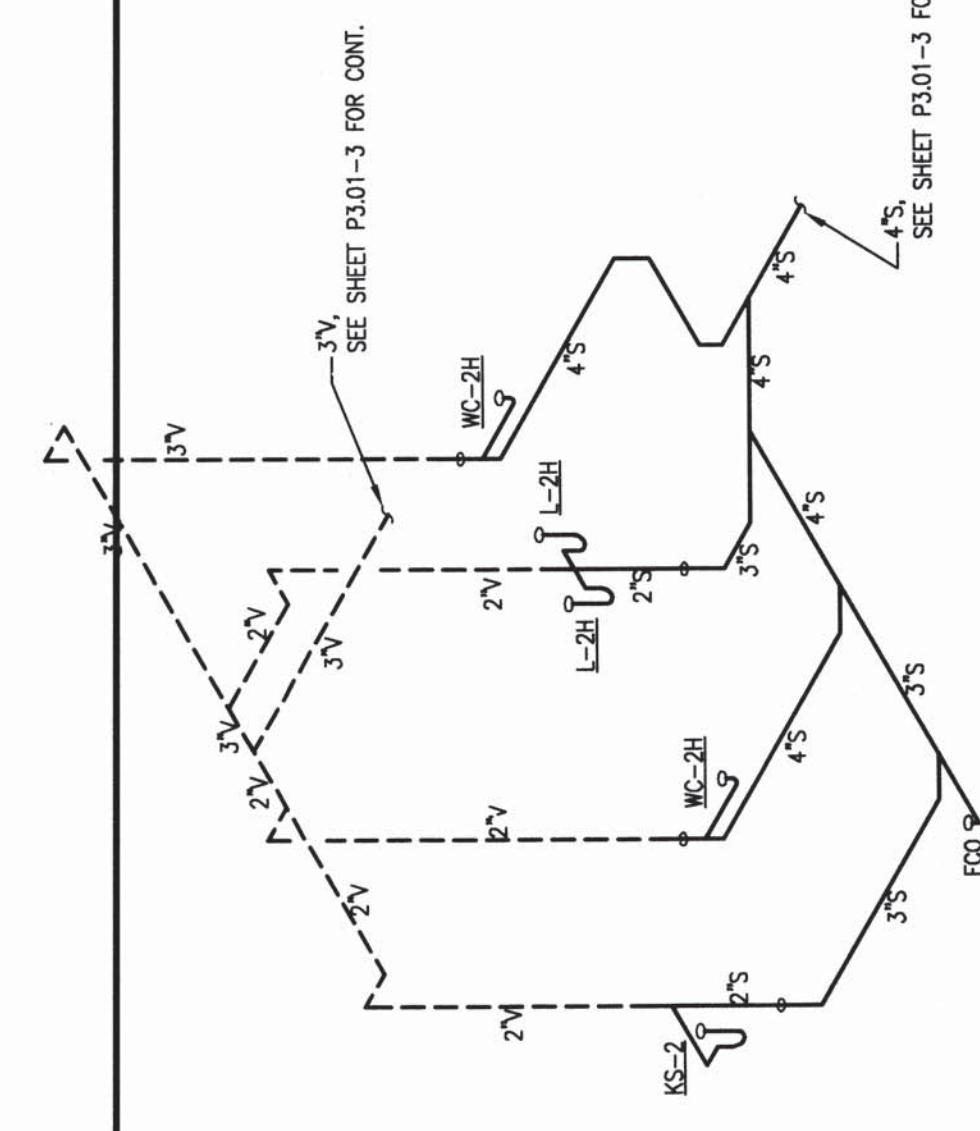
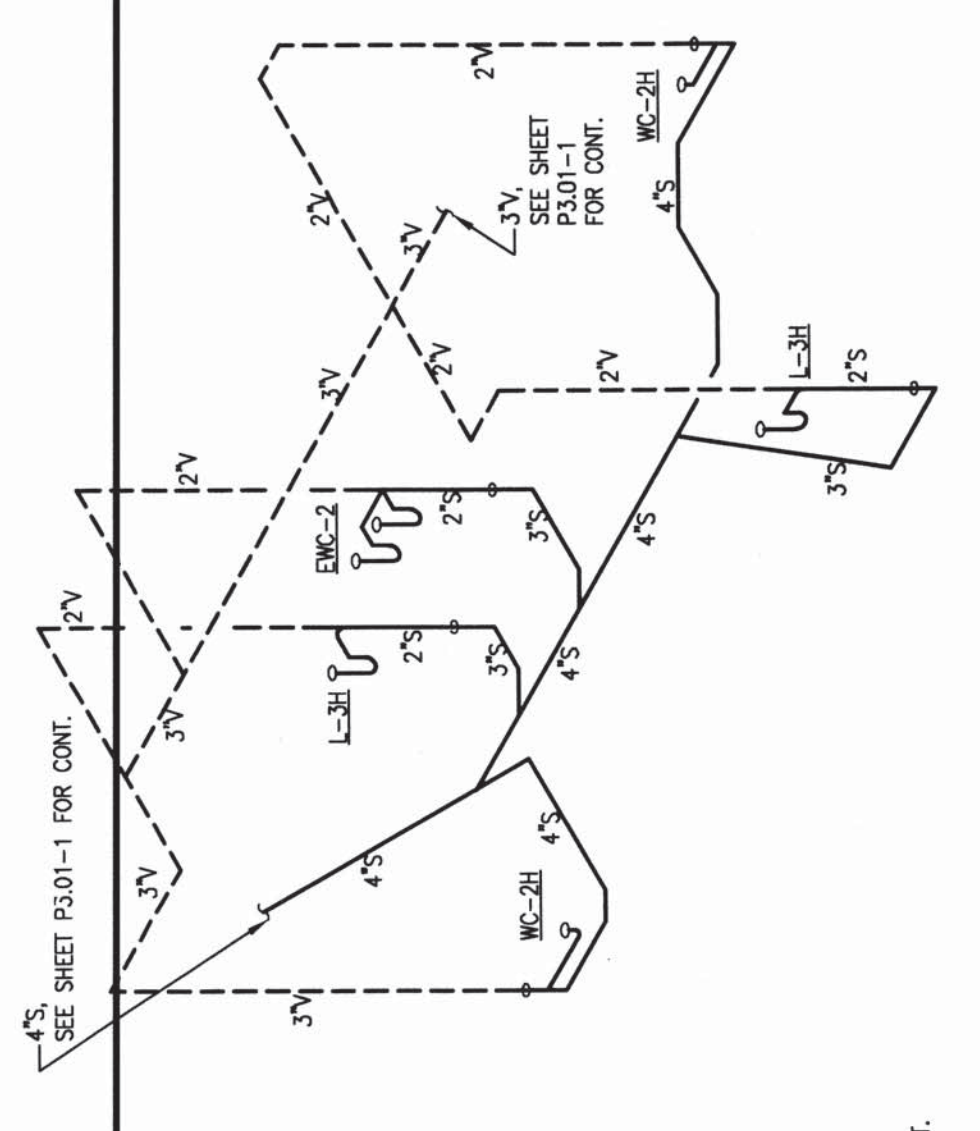
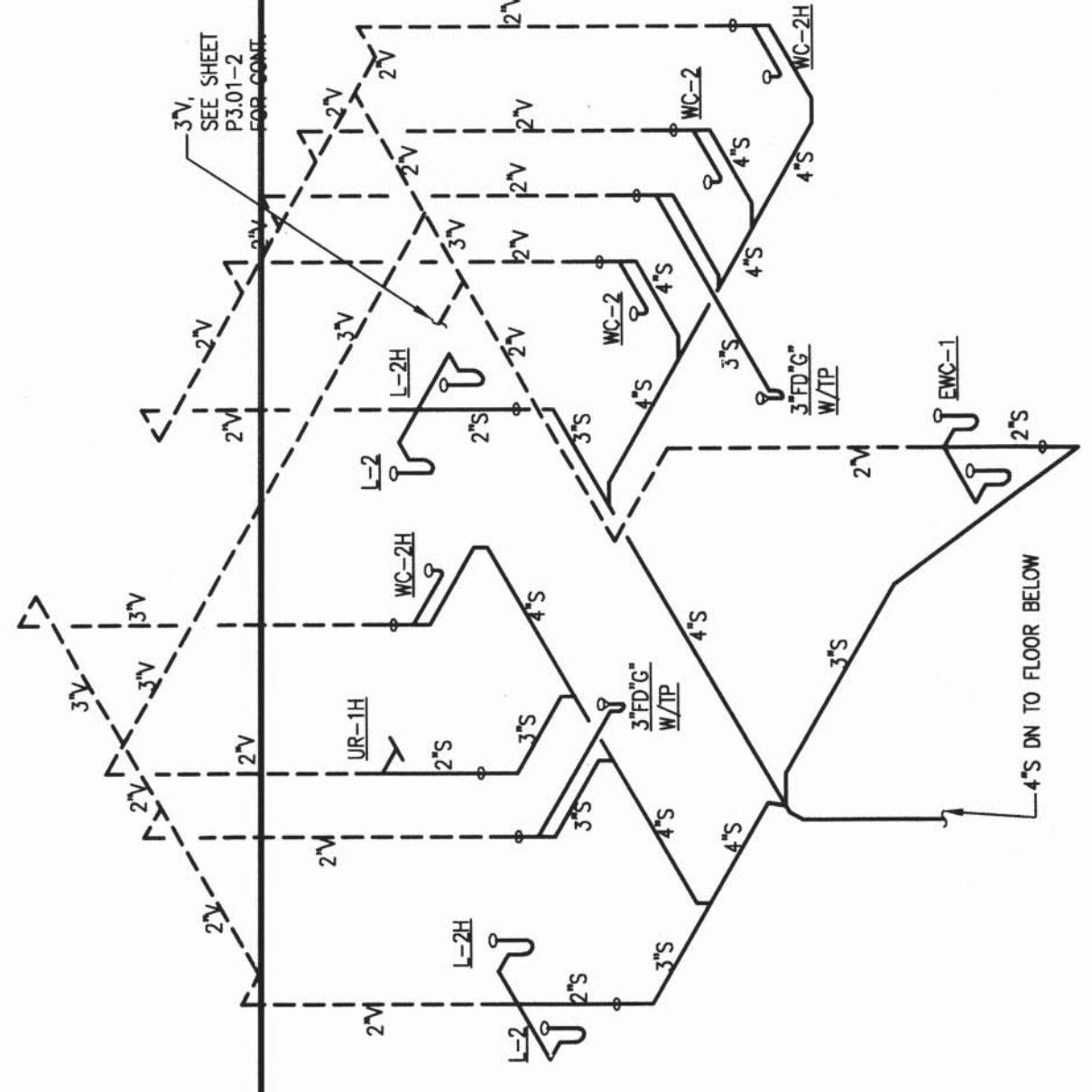
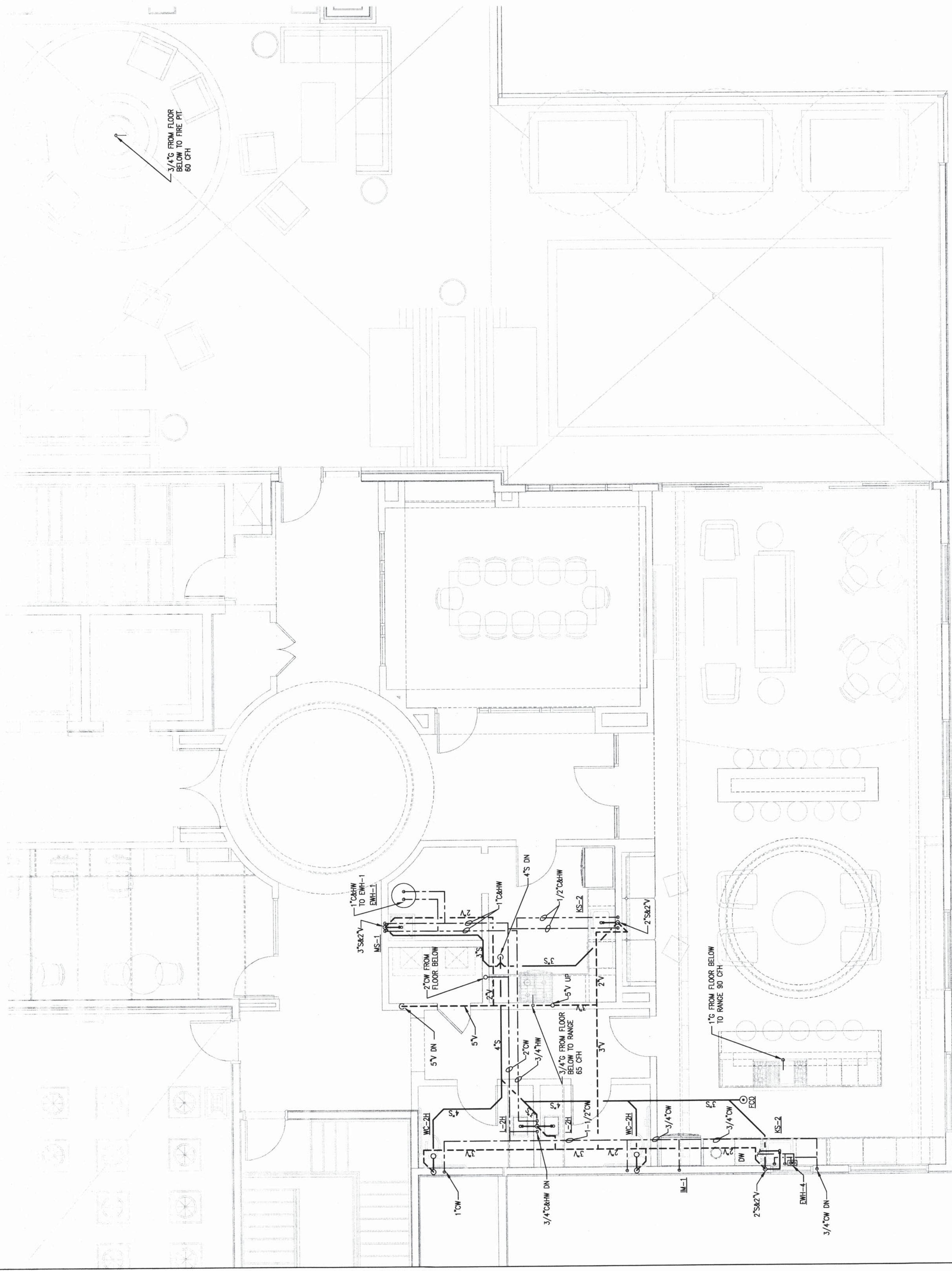
4 LEVEL 12, CLUB, RESTROOM SANITARY RISER
P3.01 NTS

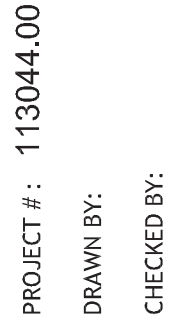


2 LEVEL 4, FITNESS, PLUMBING PLAN
P3.01 1/8"=1'-0"



3 LEVEL 12, CLUB, PLUMBING PLAN
P3.01 1/8"=1'-0"





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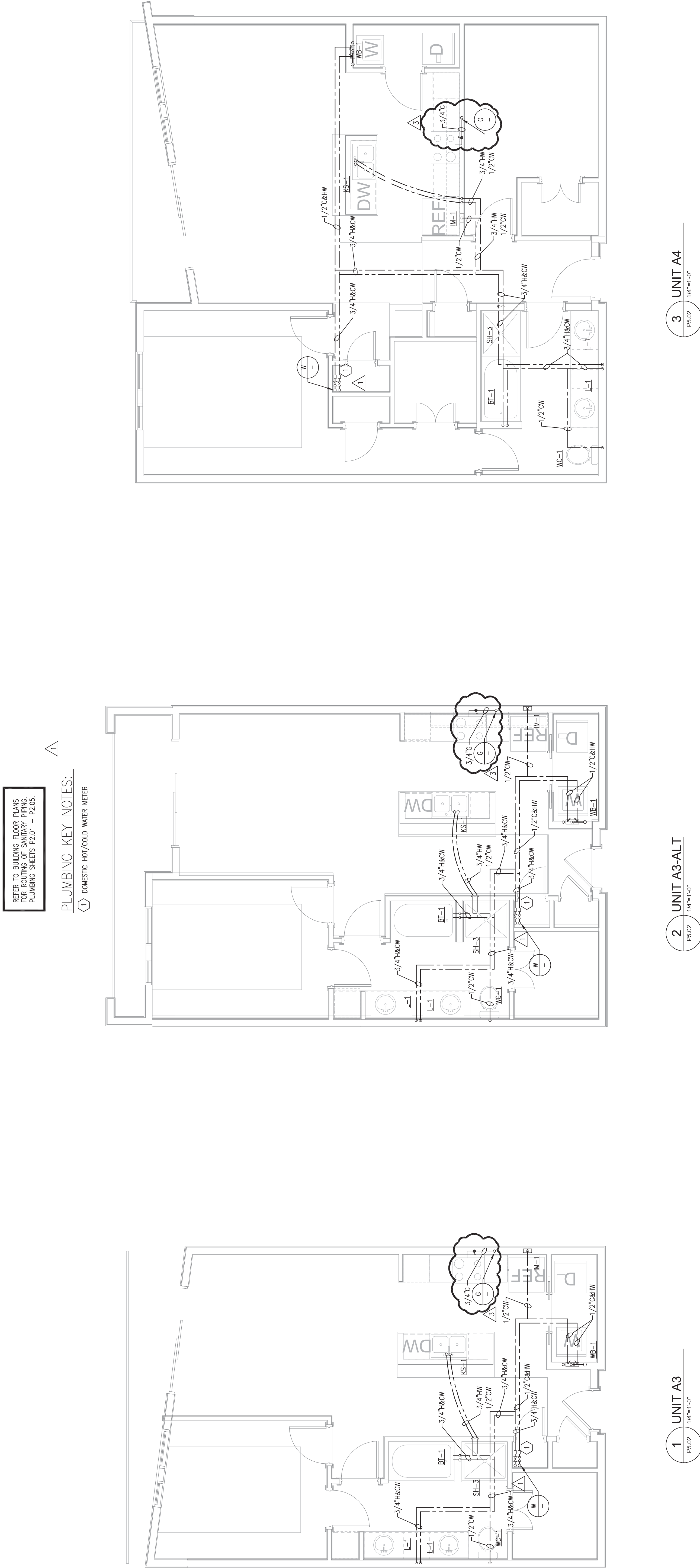
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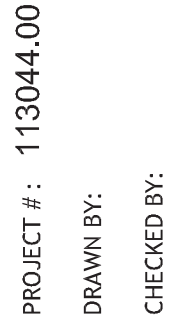
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UNIT PLANS
A3, A3-ALT & A4 - PLUMBING





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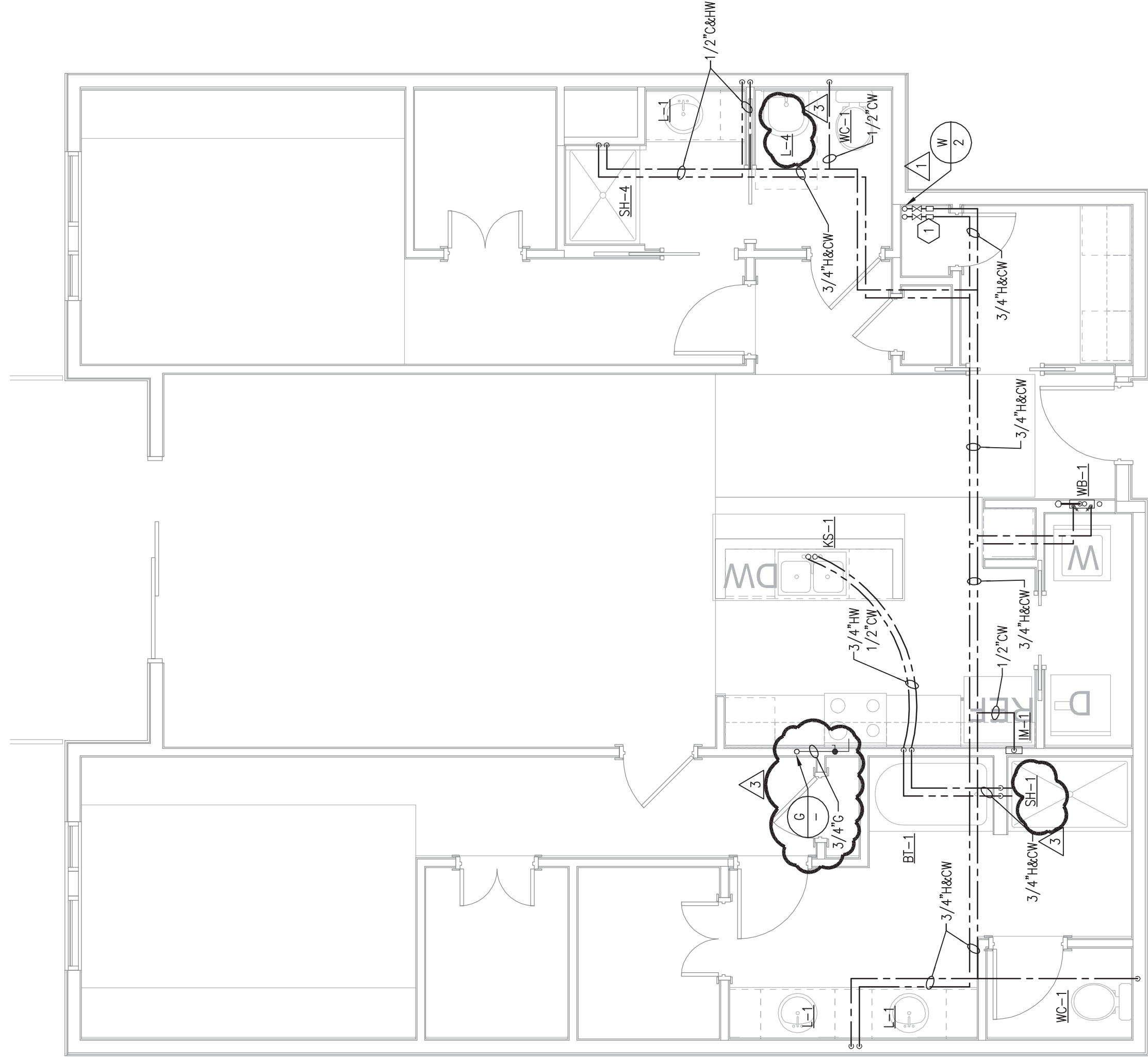
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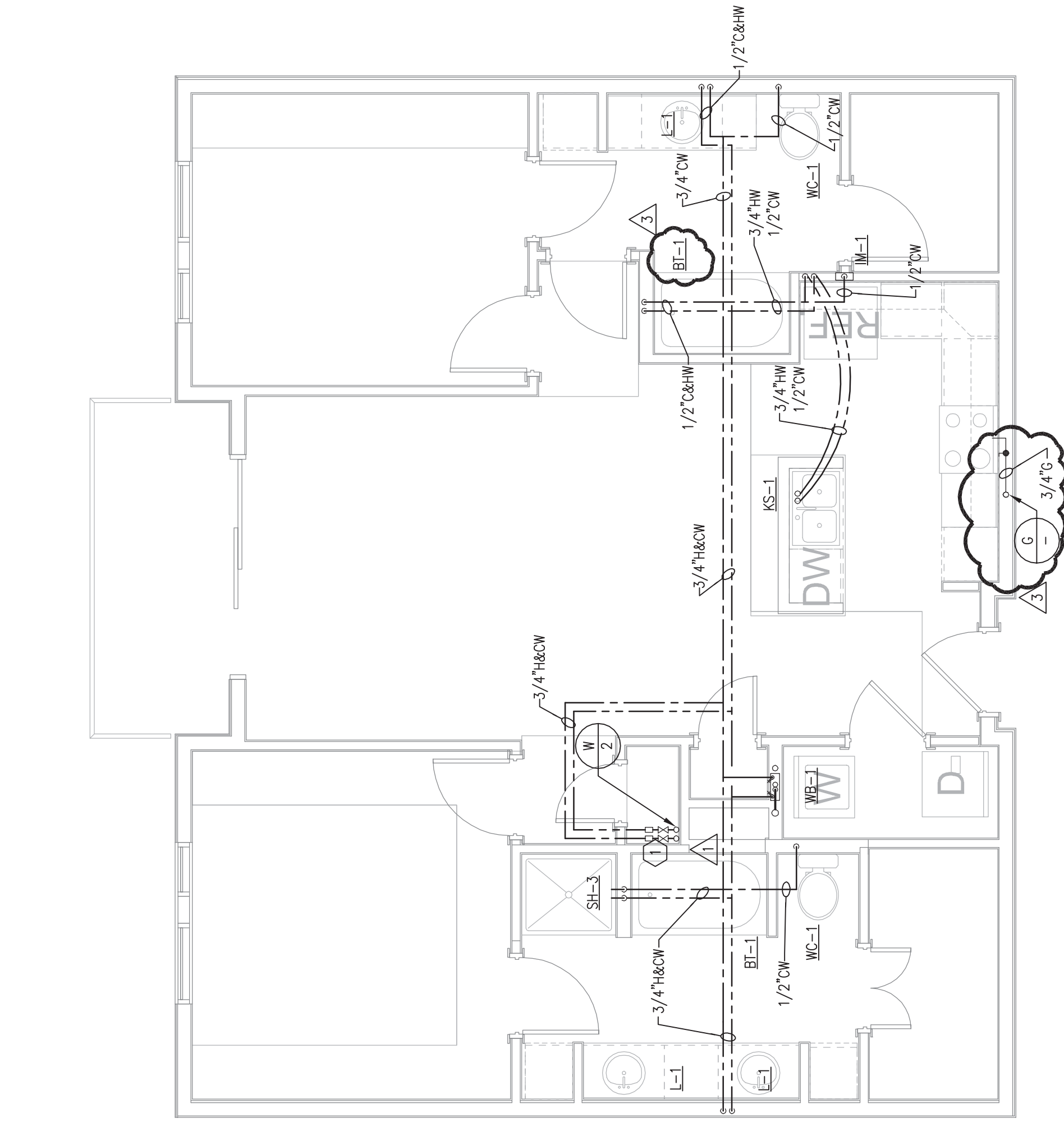
UNIT PLANS
B1, B2, B2-ALT & B3
- PLUMBING

30

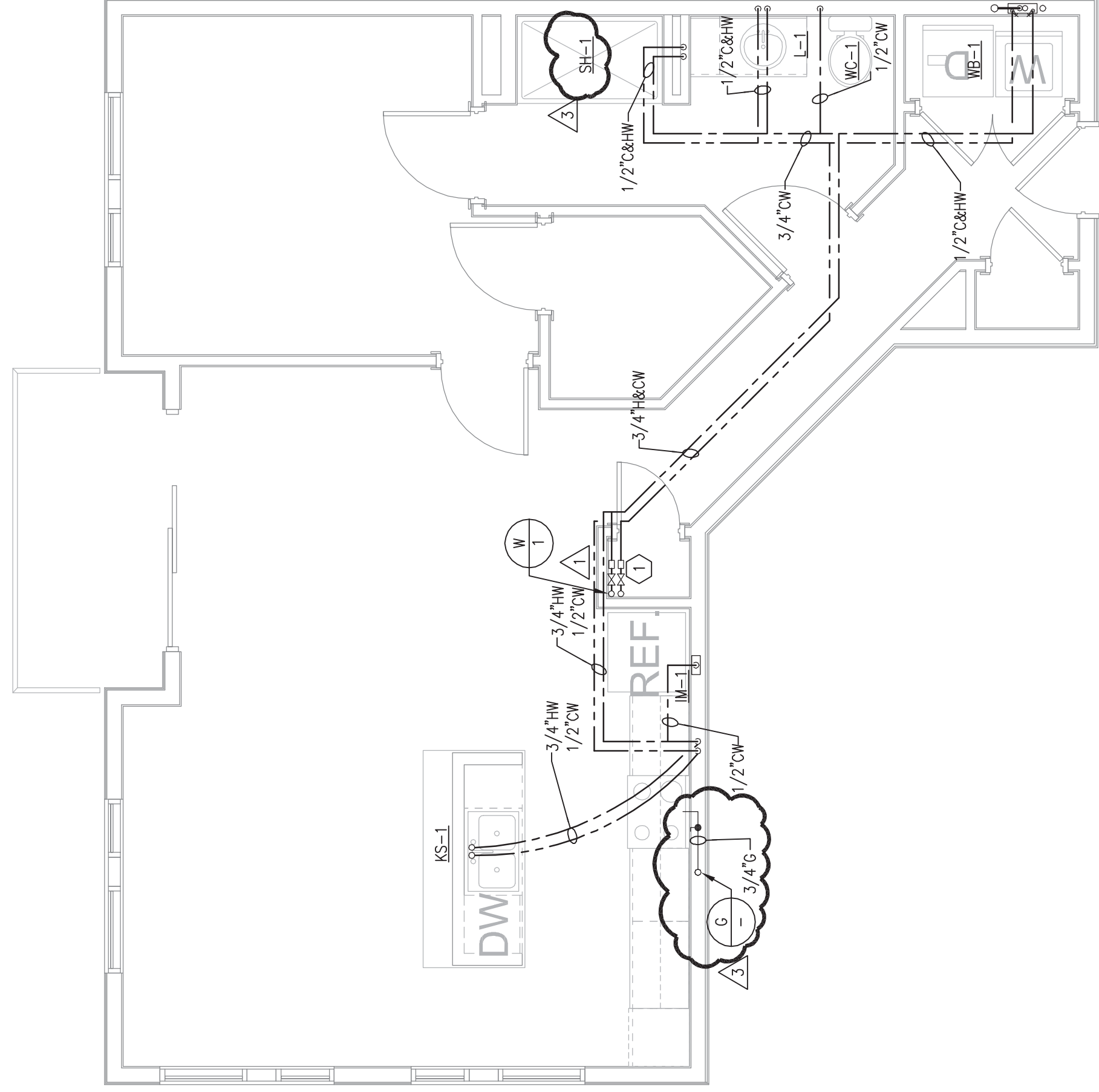
03/18/2014



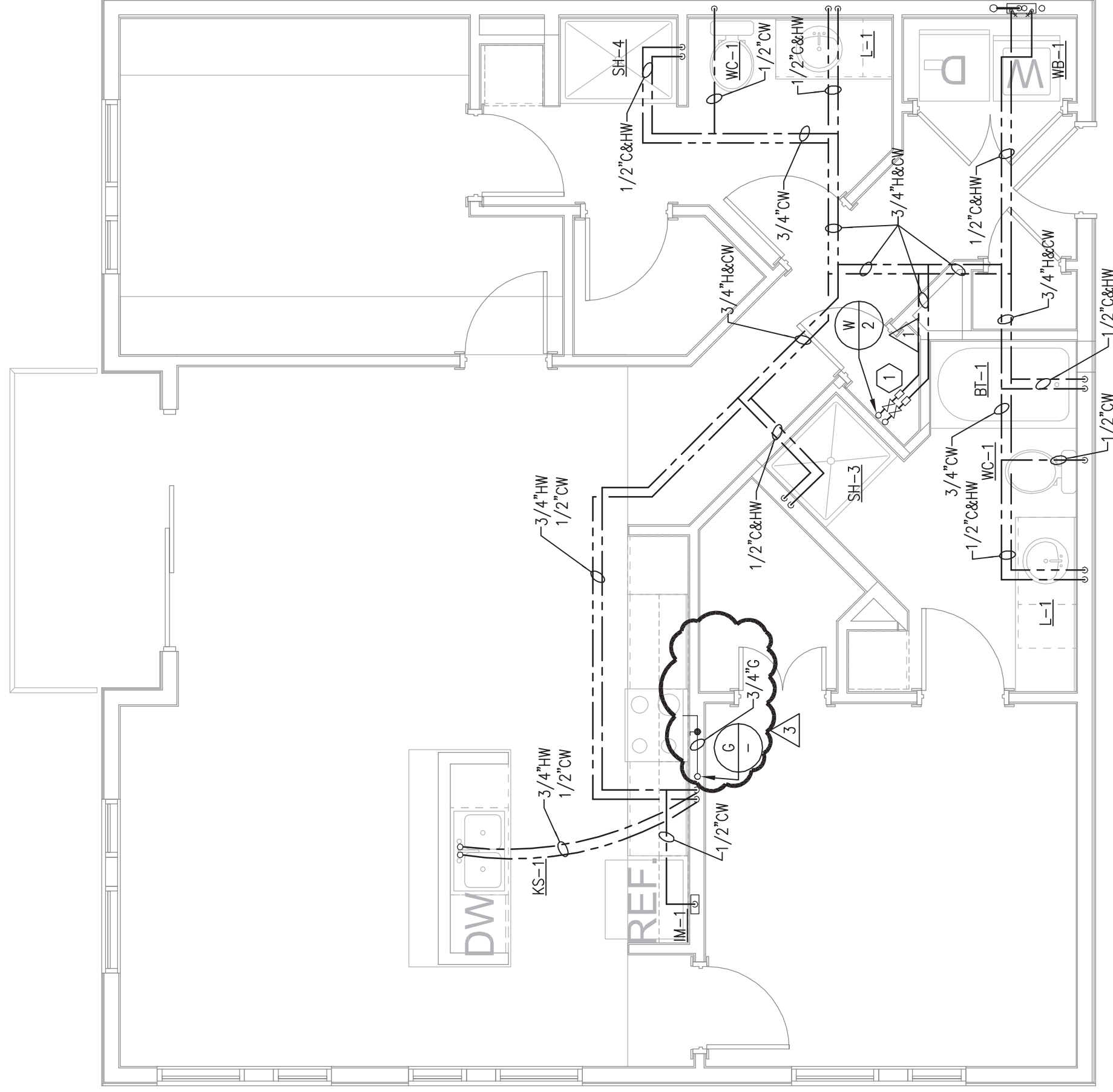
4 UNIT B3
P5.03 1/4"=1'-0"



1 UNIT B1
P5.03 1/4"=1'-0"



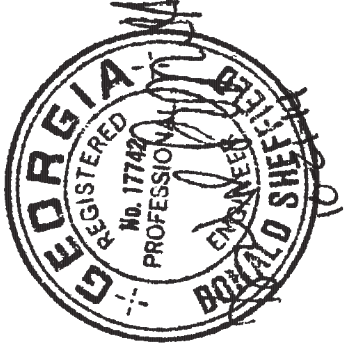
3 UNIT B2-ALT
P5.03 1/4"=1'-0"



2 UNIT B2
P5.03 1/4" = 1'-0"

REFER TO BUILDING FLOOR PLANS
FOR ROUTING OF SANITARY PIPING.
PLUMBING SHEETS P1.08 - P1.14.

PLUMBING KEY NOTES:



PROJECT #: 113044.00
DRAWN BY:
CHECKED BY:

NILES BOLTON ASSOCIATES

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No.	Description	Date
1	DESIGN DEVELOP 50%	05/20/14
2	DESIGN DEVELOP 100%	07/29/14
3	85% CD SET	07/29/14
4	100% CD SET	08/08/14
5	REVISION 1	08/08/14
6	REVISION 2	10/21/14
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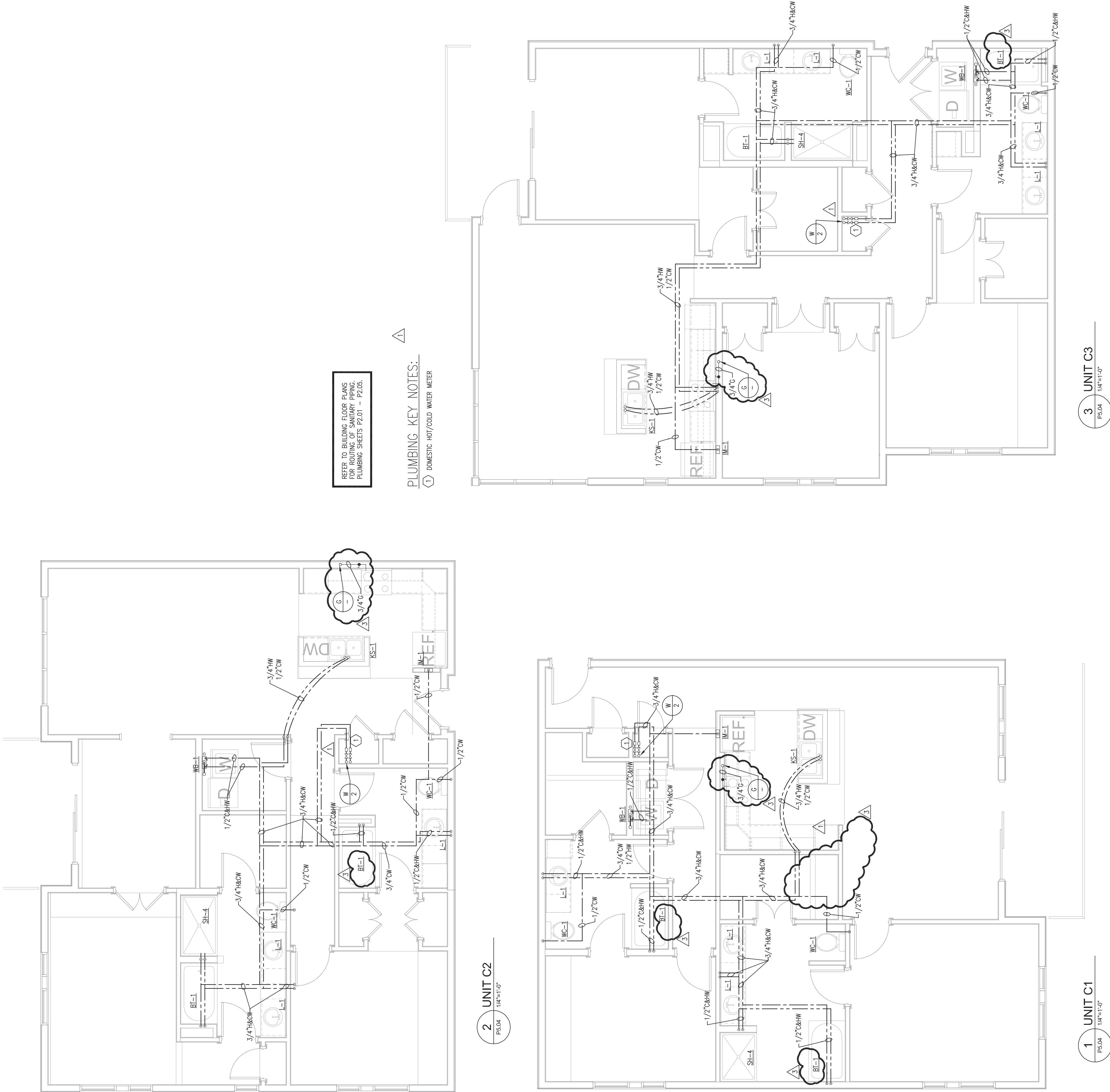
**UNIT PLANS
C1, C2 & C3 - PLUMBING**

P5.04
03/18/2014

JSE

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Atlanta, GA 30309
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Project Number: P-1208 Drawn By: Checked By:

ASBUILT





PROJECT #: 113044.00
DRAWN BY:
CHECKED BY:

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ASSOCIATES**

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Suite 600
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No.	Description	Date
1	DESIGN DEVELOP 50%	05/20/14
2	DESIGN DEVELOP 100%	05/23/14
3	85% CD SET	07/25/14
4	100% CD SET	08/08/14
5	REVISION 1	08/19/14
6	REVISION 2	08/19/14
7	REVISION 3	10/21/14
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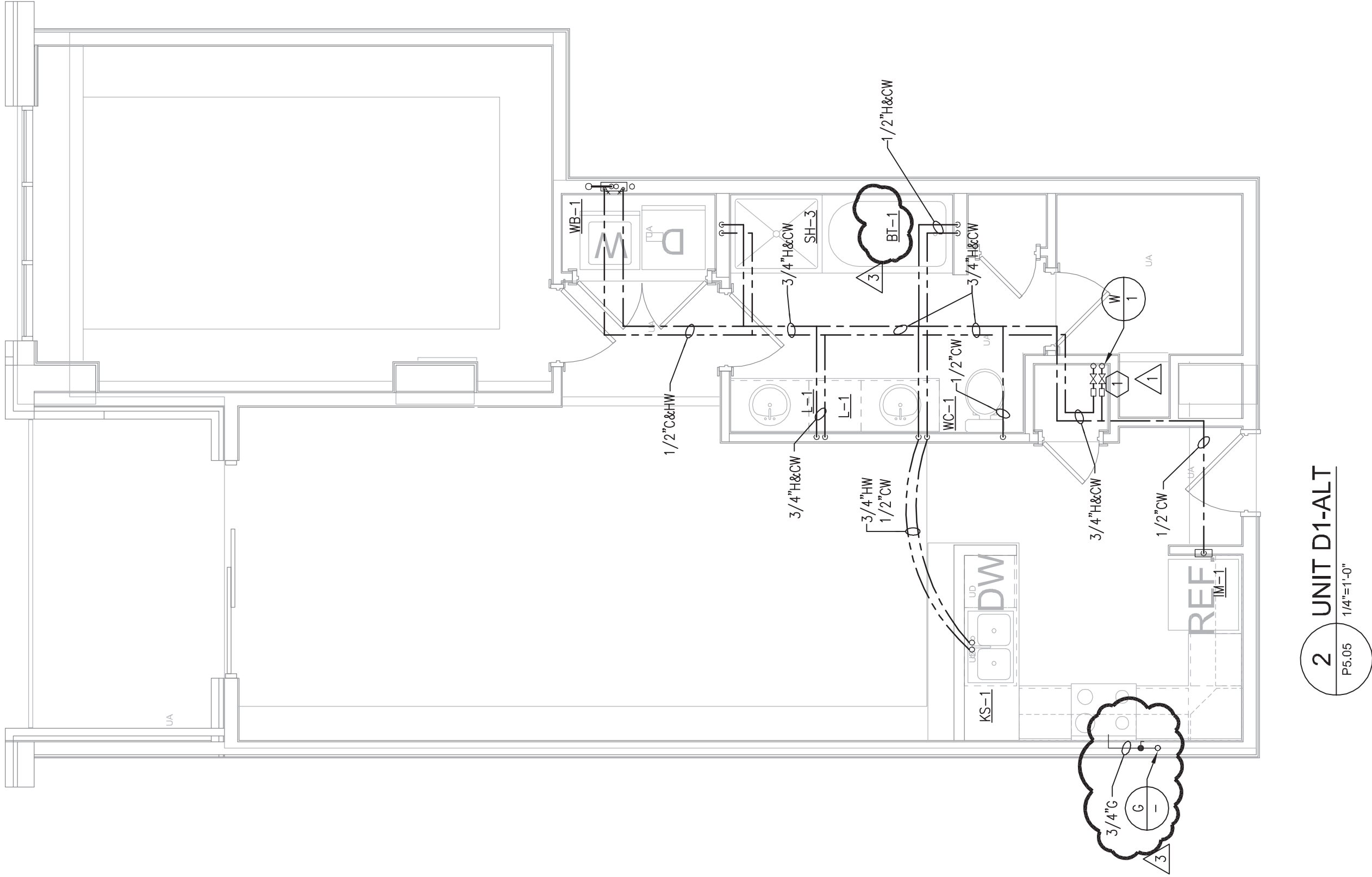
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**UNIT PLANS
D1 & D1-ALT - PLUMBING**

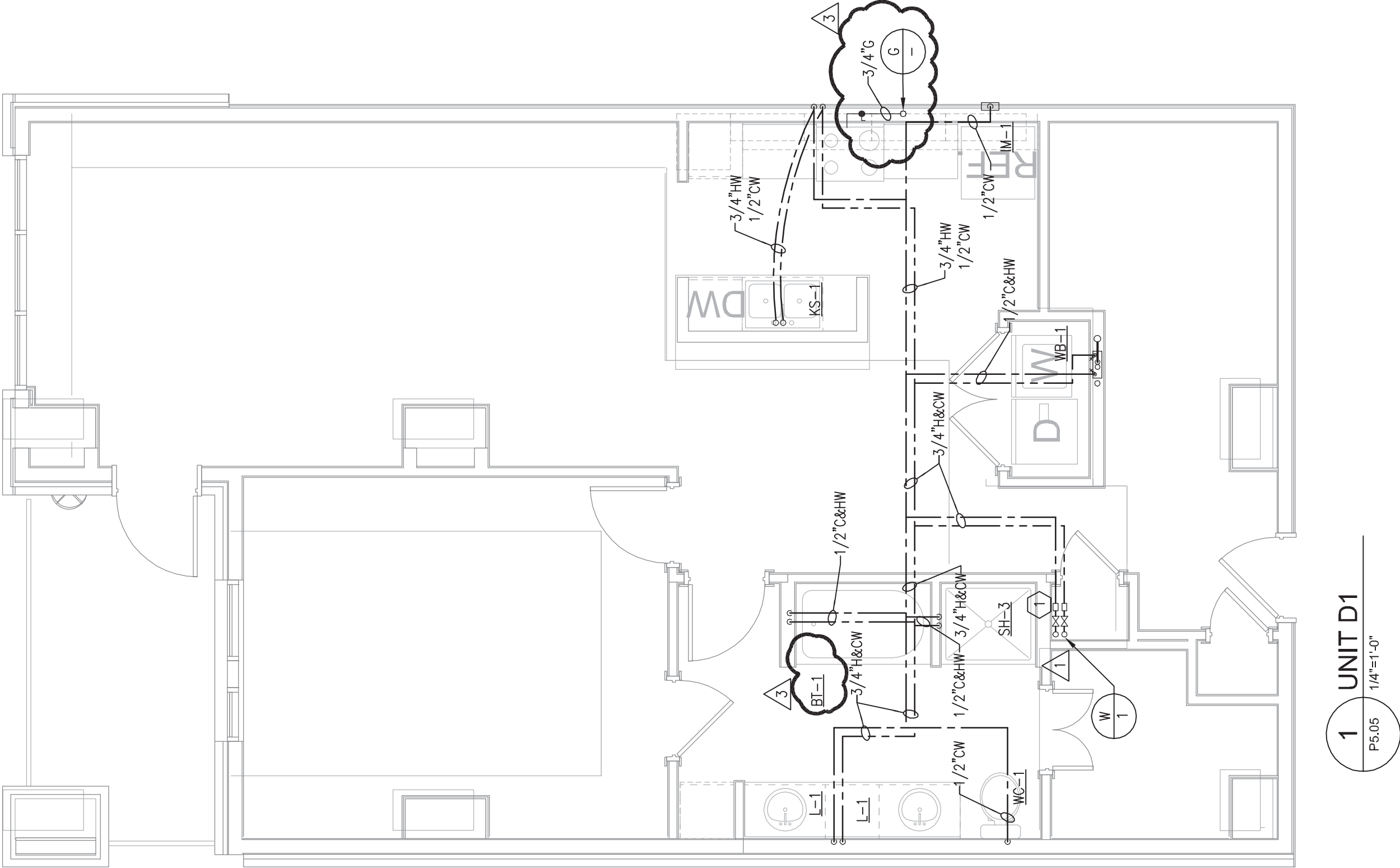
P5.05

03/18/2014



ENTER & BUILDING FLOOR PLANS
FOR ROUTING OF SANITARY PIPING.
PLUMBING SHEETS P2.01-2.05.

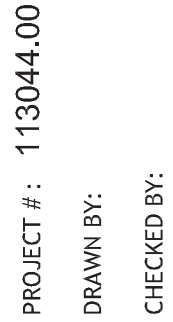
PLUMBING KEY NOTES:
△ DOMESTIC HOT/COLD WATER METER



JSE

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Project Number: P-14-008 Drawn By: Checked By:



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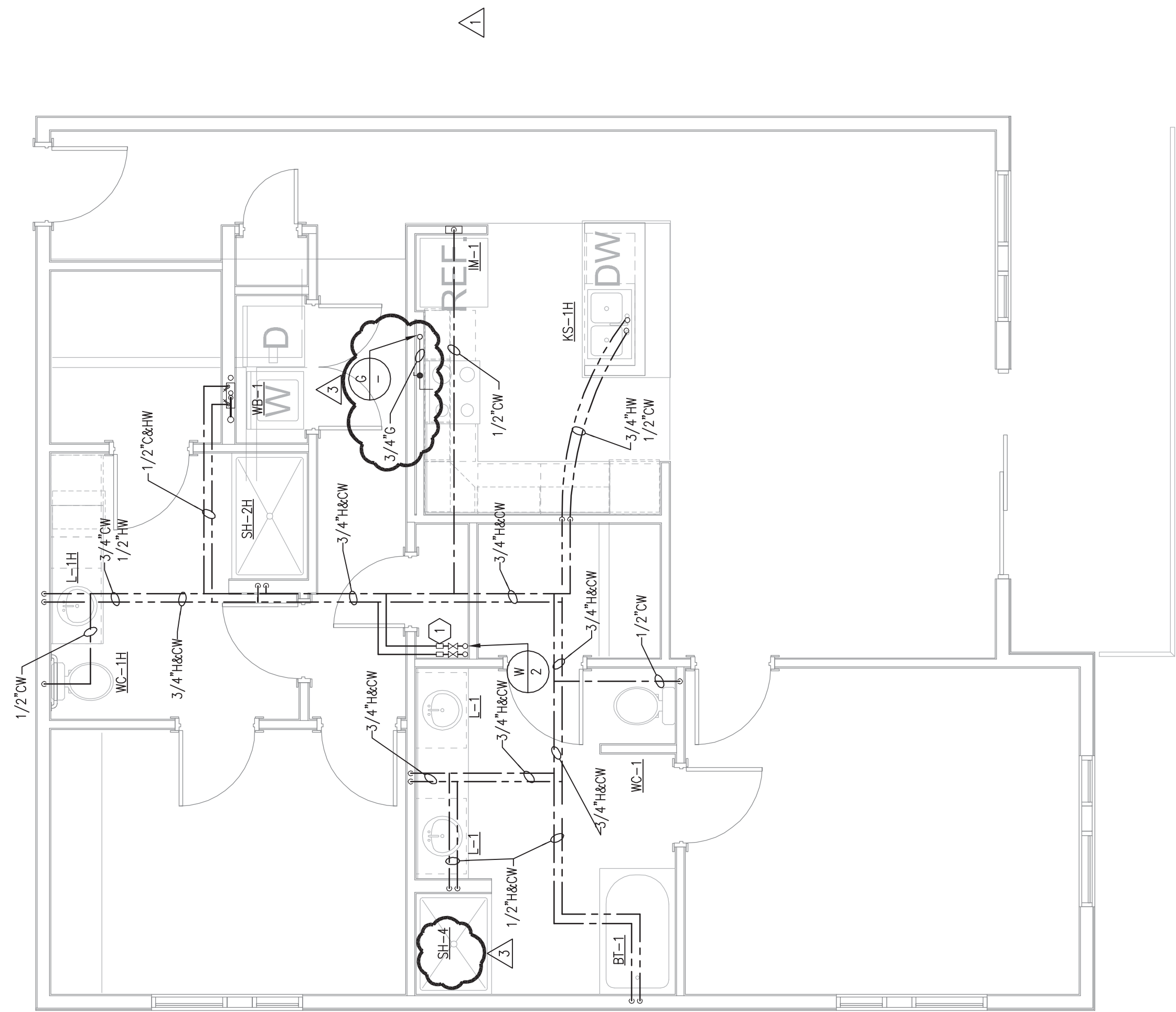
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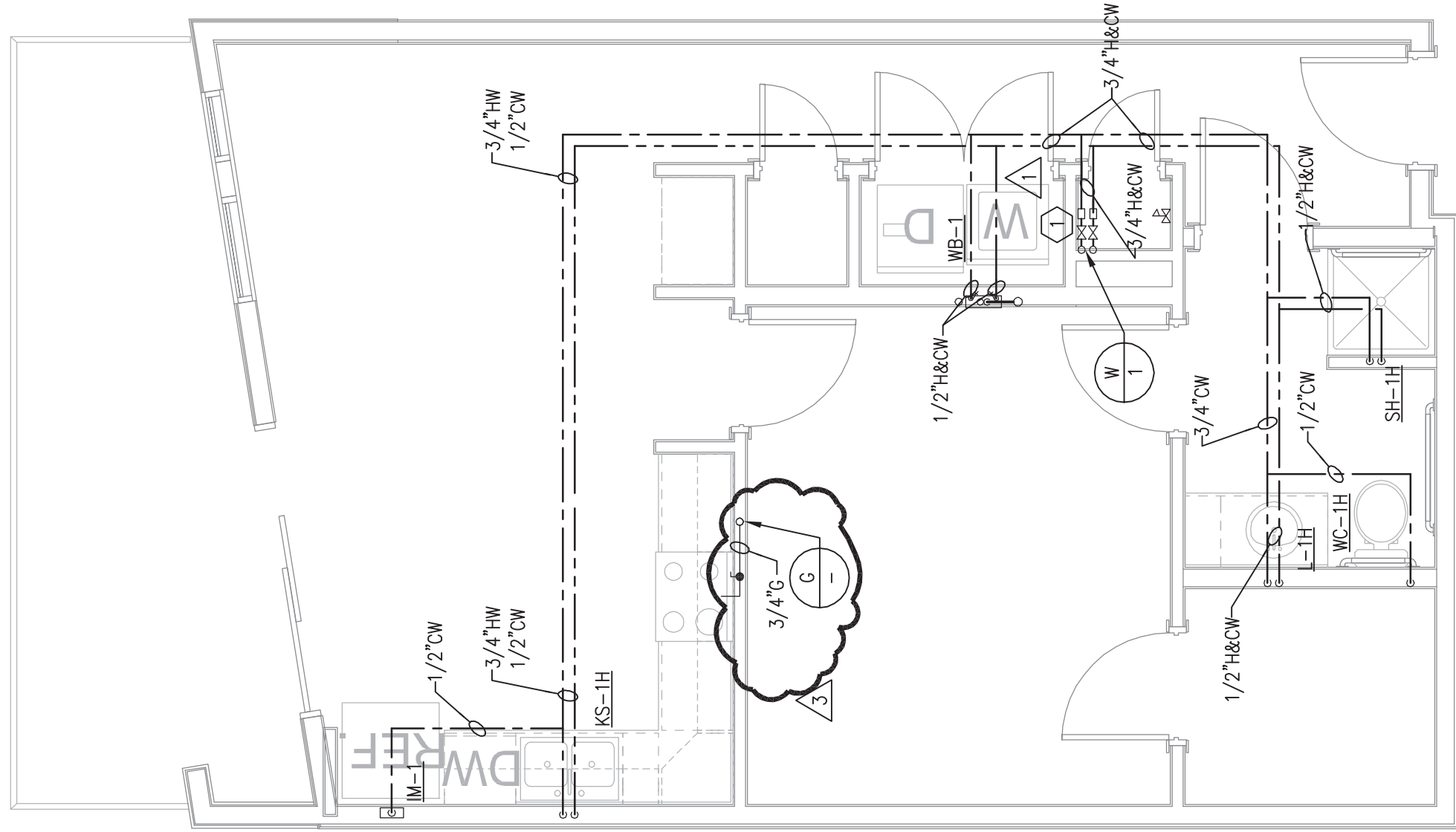
UNIT PLANS
A1-ALT, C1-ALT &
C3-ALT

600

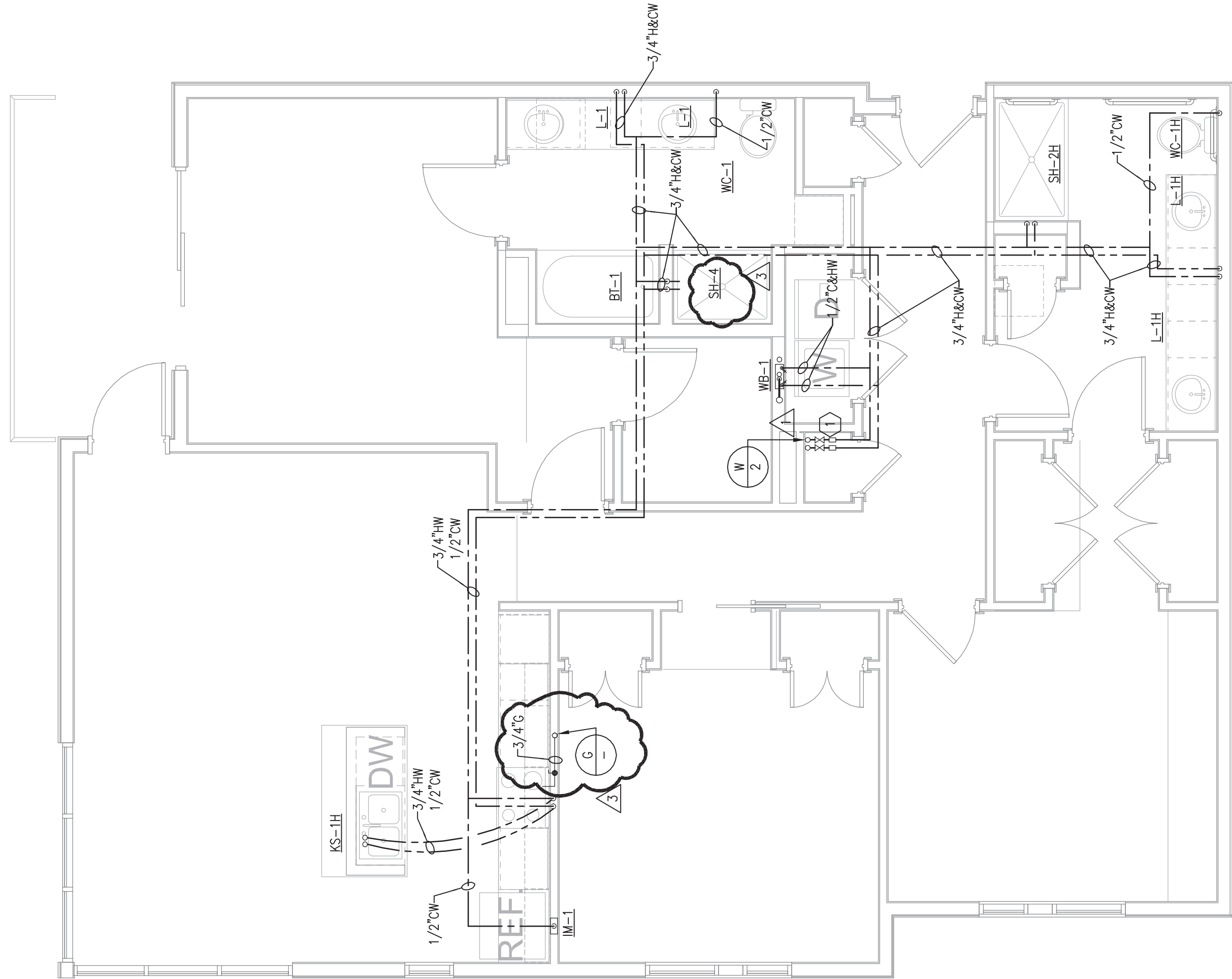
03/18/2014



2 UNIT C1-ALT
P5.06 1/4"=1'-0"



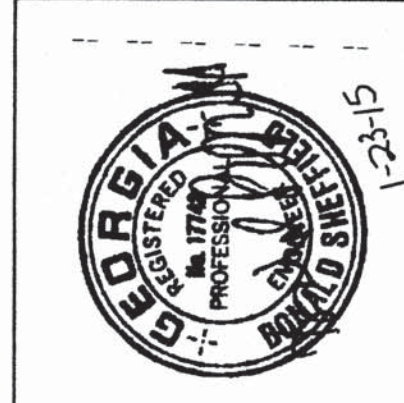
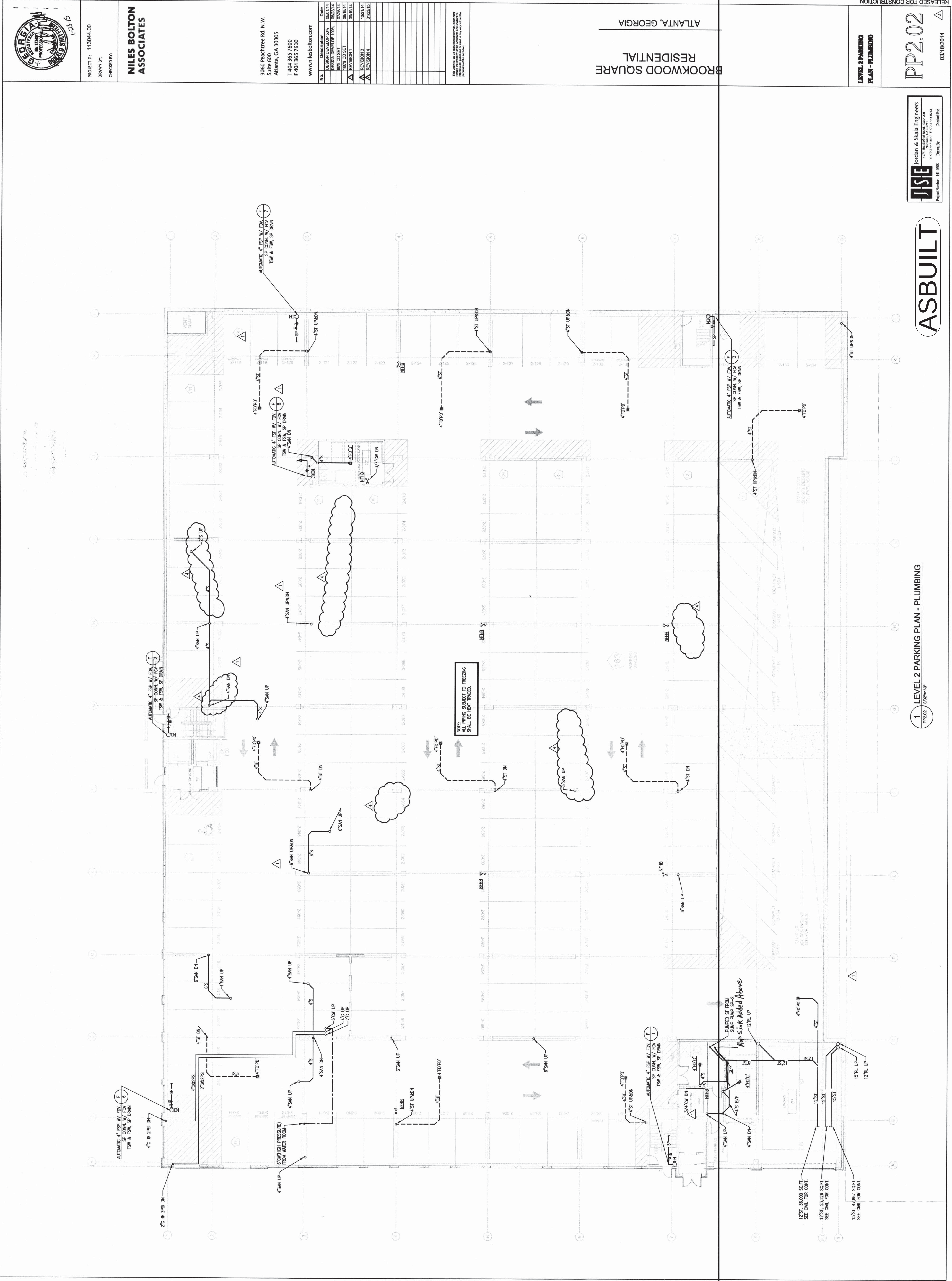
1 UNIT A1-ALT
P5.06 1/4"=1'-0"



3 UNIT C3-ALT
P5.06 1/4"=1'-0"

REFER TO BUILDING FLOOR PLANS
FOR ROUTING OF SANITARY PIPING.
PLUMBING SHEETS P2.01 - P2.05.

PLUMBING KEY NOTES:



PROJECT #: 113044.00
DRAWN BY:
CHECKED BY:

**NILES BOLTON
ASSOCIATES**

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Atlanta, GA 30305
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No.	Description	Date
1	ISSUED FOR PERMIT	02/23/14
2	REVISION 1 OF 100%	07/25/14
3	ISSUED FOR CONSTRUCTION	08/19/14
4	REVISION 1	08/19/14
5	REVISION 2	10/21/14
6	REVISION 3	01/23/15
7	REVISION 4	
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This drawing, as an integral part of the contract documents, shall be read in conjunction with the specifications and general notes. It is the responsibility of the contractor to verify the accuracy of the information shown on this drawing.

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ATLANTA, GEORGIA

LEVEL 2 PARKING
PLAN - PLUMBING

JSE
Jordan & Skala Engineers
1175 Peachtree Road, Suite 200
Atlanta, Georgia 30309
Project Number: 14-0208 Drawn By: Checked By:

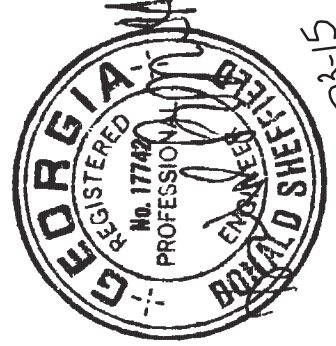
ASBUILT

1 LEVEL 2 PARKING PLAN - PLUMBING
PP2.02 3/22/14

PP2.02

03/18/2014

RELEASED FOR CONSTRUCTION



PROJECT #: 113044.00
DRAWN BY:
CHECKED BY:

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Suite 600
Atlanta, GA 30305
T 404 365 7600
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No.	Description	Date
1	DESIGN DEVELOP 50%	05/20/14
2	DESIGN DEVELOP 100%	05/22/14
3	80% CD SET	07/25/14
4	100% CD SET	08/05/14
5	REVISION 1	08/05/14
6	REVISION 2	08/05/14
7	REVISION 3	10/21/14
8	REVISION 4	07/23/15

This drawing is an integral part of the contract documents and shall be read in conjunction with the project specifications and the general conditions of the contract.

**BROOKWOOD SQUARE
RESIDENTIAL**
ATLANTA, GEORGIA

**LEVEL 3 PARKING
PLAN - SANITARY**

PP2.03A

03/18/2014

1 LEVEL 3 PARKING PLAN - SANITARY

PP2.03A 3/18/2014

JSE
Jordan & Skala Engineers
2275 N. Peachtree Road, Suite 200
Atlanta, Georgia 30329
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Project Number: 11-008 Date: 03/18/2014

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