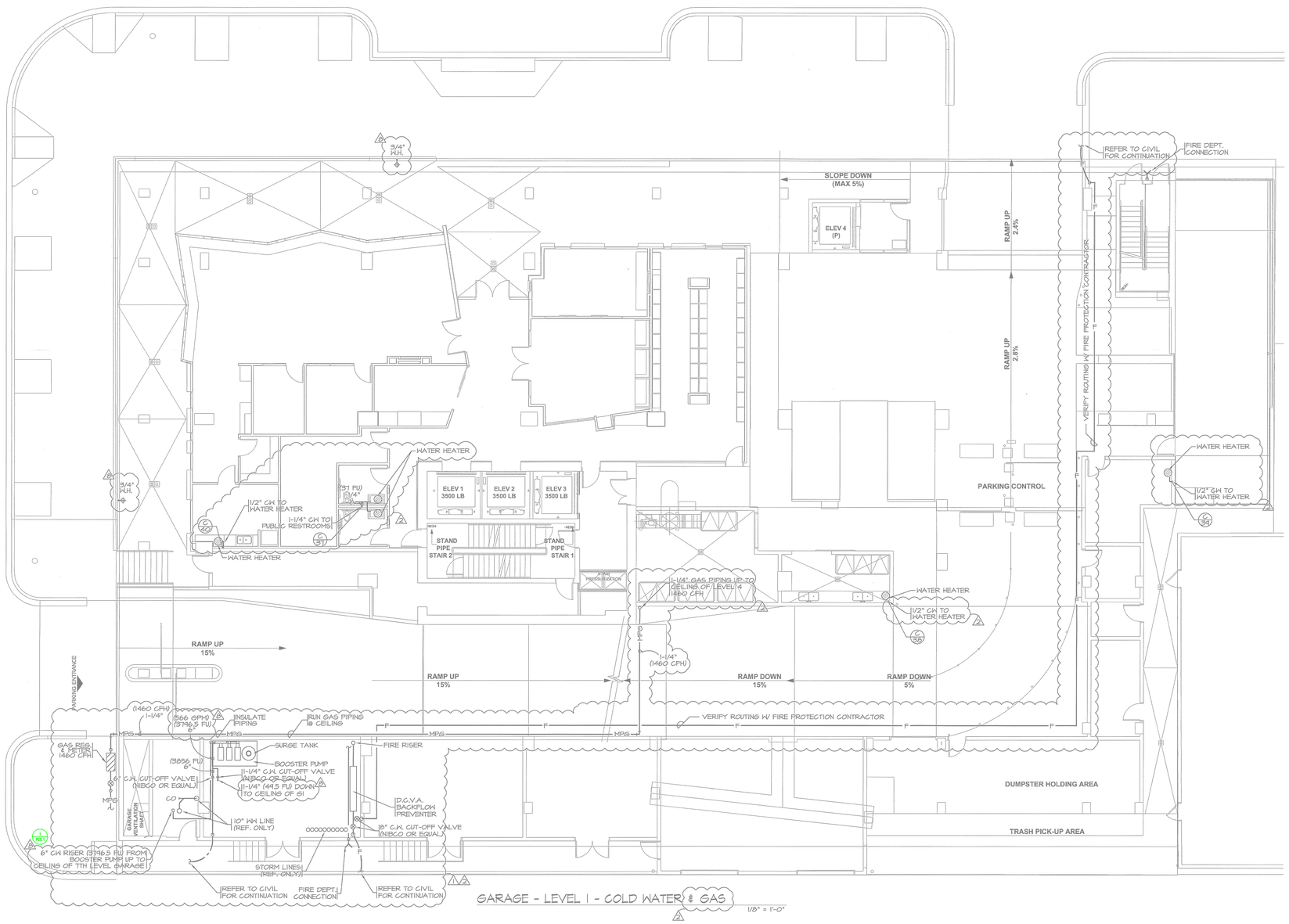
TYPOLOGY 11

Apartment/High-Rise

Coldwater Distribution

PLBG NOTES

1. ALL VERTICAL AND HORIZONTAL DOMESTIC WATER PIPING ABOVE FLOOR TO BE INSULATED - 1" FIBERGLASS INSULATION WITH VAPOR BARRIER.
2. SANITARY SEWER, FIRE PROTECTION LINE & DOMESTIC WATER SERVICE VARY AT EACH BLDG. CONTR. TO VERIFY EXACT SERVICE POINTS WITH CIVIL DRAWINGS & SITE UTILITY PLAN PRIOR TO INSTALLATION OF LINES.
3. REFER TO 1/4" SCALE TYPICAL UNIT PLANS FOR INDIVIDUAL UNIT WATER LAYOUTS.
4. ALL DOMESTIC WATER PIPING IN GARAGE SHALL BE INSULATED W/ 2" FIBERGLASS W/ ALL-PURPOSE JACKET.



GARAGE - LEVEL 1 - COLD WATER & GAS

1/8" = 1'-0"

- 1 - UPDATED BACKGROUND
- ADJUSTED PLUMBING
- CORRECTED NORTH ARROW
- ADDED 2ND. FIRE LINE & DOUBLE CHECK-VALVE ASSEMBLY BACKFLOW PREVENTER.

- 2 - UPDATED BACKGROUND
- ADDED PLUMBING DROPS FOR LOCATION REFERENCE ONLY.
- ADJUSTED PLUMBING.
- ADDED GAS PIPING.

- 3 - ADJUSTED PLUMBING
- CORRECTED BUILDING KEY

ALL PLUMBING SHALL BE IN ACCORDANCE WITH CITY OF AUSTIN ADOPTED PLUMBING CODES.

REVIEWED [illegible] DATE 7-2-13

The granting of a permit for, or approval of these plans and specifications shall not be construed to be a permit for, or approval of, any violation of any of the provisions of the currently adopted plumbing code or any other ordinances of the City of Austin.

BUILDING LEVEL KEY

ROOF	
LEVEL 24	LOFT UNITS (L2)
LEVEL 23	LOFT UNITS (L1)
LEVEL 22	TYPICAL UNITS
LEVEL 21	
LEVEL 20	
LEVEL 19	
LEVEL 18	
LEVEL 17	
LEVEL 16	
LEVEL 15	
LEVEL 14	
LEVEL 13	
LEVEL 12	
LEVEL 11	
LEVEL 10	
LEVEL 9	CLUB/ TERRACE UNITS
LEVEL 8	
LEVEL 6	PARKING GARAGE
LEVEL 5	
LEVEL 4	
LEVEL 3	
LEVEL 2	
LEVEL 1	
LEVEL B1	

NORTH

515 CONGRESS AVE
SUITE 1600
AUSTIN, TEXAS 78701

512.473.0923
512.473.0177

© RHODE PARTNERS, 2012

7th & Rio Grande Apartments

615 West 7th Street
Austin, Texas 78701

PROJECT NUMBER - 111009

OWNER
BEHRINGER HARVARD
CWS CAPITAL PARTNERS LLC
9606 N. Mopac Expwy, Suite 500
Austin, Texas 78759
512.837.3028 p

GENERAL CONTRACTOR
J.E. DUNN CONSTRUCTION
901 S. Mopac Expressway
Barton Oaks Plaza II , Ste. 375
Austin, TX 78746
512.687.6116

ARCHITECT
RHODE PARTNERS
515 Congress Avenue, Suite 1600
Austin, TX 78701
512.473.0923 p

CIVIL ENGINEER
BURY + PARTNERS
221 W 6th Street Ste 600
Austin, Texas 78701
512.791.3311 p

STRUCTURAL ENGINEER
ARCHITECTURAL ENGINEERS COLLABORATIVE
106 East Sixth Street, Suite 450
Austin, Texas 78701
512.472.2111 p

MEP ENGINEER
EN-INCORPORATED
13581 Pond Srpings Road, Suite 400
Austin, Texas 78729
512.918.9315 p

INTERIOR DESIGNER
KEATON INTERIORS
4901 Keller Springs Rd. Ste. 106B
Addison, TX 75001
972.233.9100

LANDSCAPE ARCHITECT
D CRAIN
1621 Willow Street
Austin, TX 78702
512.480.8008 p

DAVID EDWARD NICHOLS
102205
LICENSED
PROFESSIONAL ENGINEER
STATE OF TEXAS

EN,INC. F-2473 06/12/13

IF THIS DOCUMENT IS NOT SIGNED, SEALED, AND DATED, IT MAY NOT BE USED FOR REGULATORY APPROVAL, PERMIT OR CONSTRUCTION

DESCRIPTION	DATE
100% SCHEMATIC DESIGN	02/06/2012
DD - INTERIM PRICING SET	03/30/2012
100% DESIGN DEVELOPMENT	05/04/2012
AEGB REVIEW	05/31/2012
ISSUED FOR REVIEW AND PERMIT	06/11/2012
PERMIT RESPONSE 1	8/28/2012
95% CONSTRUCTION DOCUMENTS	10/05/2012
PERMIT RESPONSE 2	11/08/2012
AFD RESPONSE	01/22/2013
ISSUED FOR CONSTRUCTION	02/01/2013
ISSUED FOR CONSTRUCTION	02/07/2013
REVISION #7	05/20/2013
REVISION #8	06/12/2013

GARAGE - LEVEL 1 COLD WATER

PC2.1

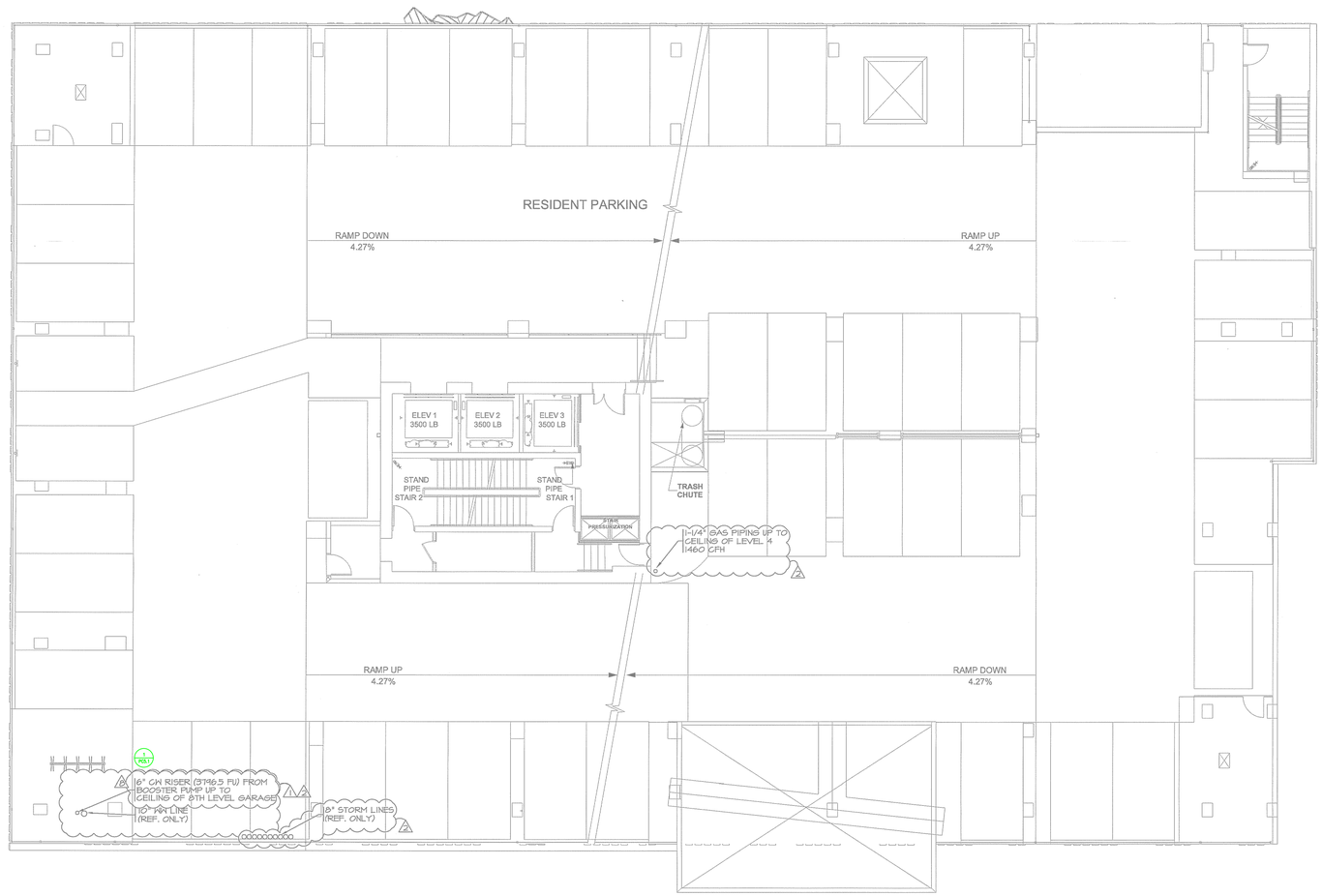
PLBG NOTES

1. ALL VERTICAL AND HORIZONTAL DOMESTIC WATER PIPING ABOVE FLOOR TO BE INSULATED - 1" FIBERGLASS INSULATION WITH VAPOR BARRIER.
2. SANITARY SEWER, FIRE PROTECTION LINE & DOMESTIC WATER SERVICE VARY AT EACH BLDG. CONTR. TO VERIFY EXACT SERVICE POINTS WITH CIVIL DRAWINGS & SITE UTILITY PLAN PRIOR TO INSTALLATION OF LINES.
3. REFER TO 1/4" SCALE TYPICAL UNIT PLANS FOR INDIVIDUAL UNIT WATER LAYOUTS.
4. ALL DOMESTIC WATER PIPING IN GARAGE SHALL BE INSULATED W/ 2" FIBERGLASS W/ ALL-PURPOSE JACKET.

1 - UPDATED BACKGROUND
- ADJUSTED PLUMBING
- CORRECTED NORTH ARROW

2 - UPDATED BACKGROUND
- ADJUSTED PLUMBING
- ADDED GAS PIPING

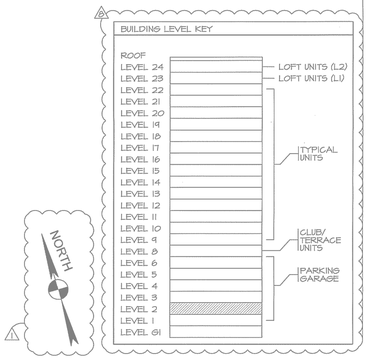
3 - ADJUSTED PLUMBING
- CORRECTED BUILDING KEY



GARAGE - LEVEL 2 - COLD WATER & GAS

1/8" = 1'-0"

ALL PLUMBING SHALL BE IN ACCORDANCE WITH CITY OF AUSTIN ADOPTED PLUMBING CODES.
REVIEWED LWSW DATE 7-2-13
The granting of a permit for, or approval of these plans and specifications shall not be construed to be a permit for, or approval of, any violation of any of the provisions of the current applied plumbing code or any other ordinance of the City of Austin.



515 CONGRESS AVE
SUITE 1600
AUSTIN, TEXAS 78701
512.473.0923
512.473.0177

© RHODE PARTNERS, 2012

7th & Rio Grande Apartments

615 West 7th Street
Austin, Texas 78701

PROJECT NUMBER - 111009

OWNER
BEHRINGER HARVARD
CWS CAPITAL PARTNERS LLC
9606 N. Mopac Expwy, Suite 500
Austin, Texas 78759
512.837.3028 p

GENERAL CONTRACTOR
J.E. DUNN CONSTRUCTION
901 S. Mopac Expressaway
Barton Oaks Plaza II , Ste. 375
Austin, TX 78746
512.687.6119

ARCHITECT
RHODE PARTNERS
515 Congress Avenue, Suite 1600
Austin, TX 78701
512.473.0923 p

CIVIL ENGINEER
BURY + PARTNERS
221 W 6th Street Ste 600
Austin, Texas 78701
512.791.3311 p

STRUCTURAL ENGINEER
ARCHITECTURAL ENGINEERS COLLABORATIVE
106 East Sixth Street, Suite 450
Austin, Texas 78701
512.472.2111 p

MEP ENGINEER
EN-INCORPORATED
13581 Pond Srpings Road, Suite 400
Austin, Texas 78729
512.918.9315 p

INTERIOR DESIGNER
KEATON INTERIORS
4901 Keller Springs Rd. Ste. 108B
Addison, TX 75001
972.233.9100

LANDSCAPE ARCHITECT
D CRAIN
1621 Willow Street
Austin, TX 78702
512.480.8008 p

EN,INC. F-2473 06/12/13

IF THIS DOCUMENT IS NOT SIGNED, SEALED, AND DATED, IT MAY NOT BE USED FOR REGULATORY APPROVAL, PERMIT OR CONSTRUCTION.

DESCRIPTION	DATE
100% SCHEMATIC DESIGN	02/08/2012
DD - INTERIM PRICING SET	03/30/2012
100% DESIGN DEVELOPMENT	05/04/2012
AEGB REVIEW	05/31/2012
ISSUED FOR REVIEW AND PERMIT	08/11/2012
PERMIT RESPONSE 1	8/28/2012
95% CONSTRUCTION DOCUMENTS	10/05/2012
PERMIT RESPONSE 2	11/08/2012
AFD RESPONSE	01/22/2013
ISSUED FOR CONSTRUCTION	02/01/2013
ISSUED FOR CONSTRUCTION	02/07/2013
REVISION #7	05/20/2013
REVISION #8	06/12/2013

GARAGE - LEVEL 2 COLD WATER

PC2.2

PLUMBING LEGEND	
	GRAYWATER SUPPLY PIPING
2"	PIPE SIZE REVISION

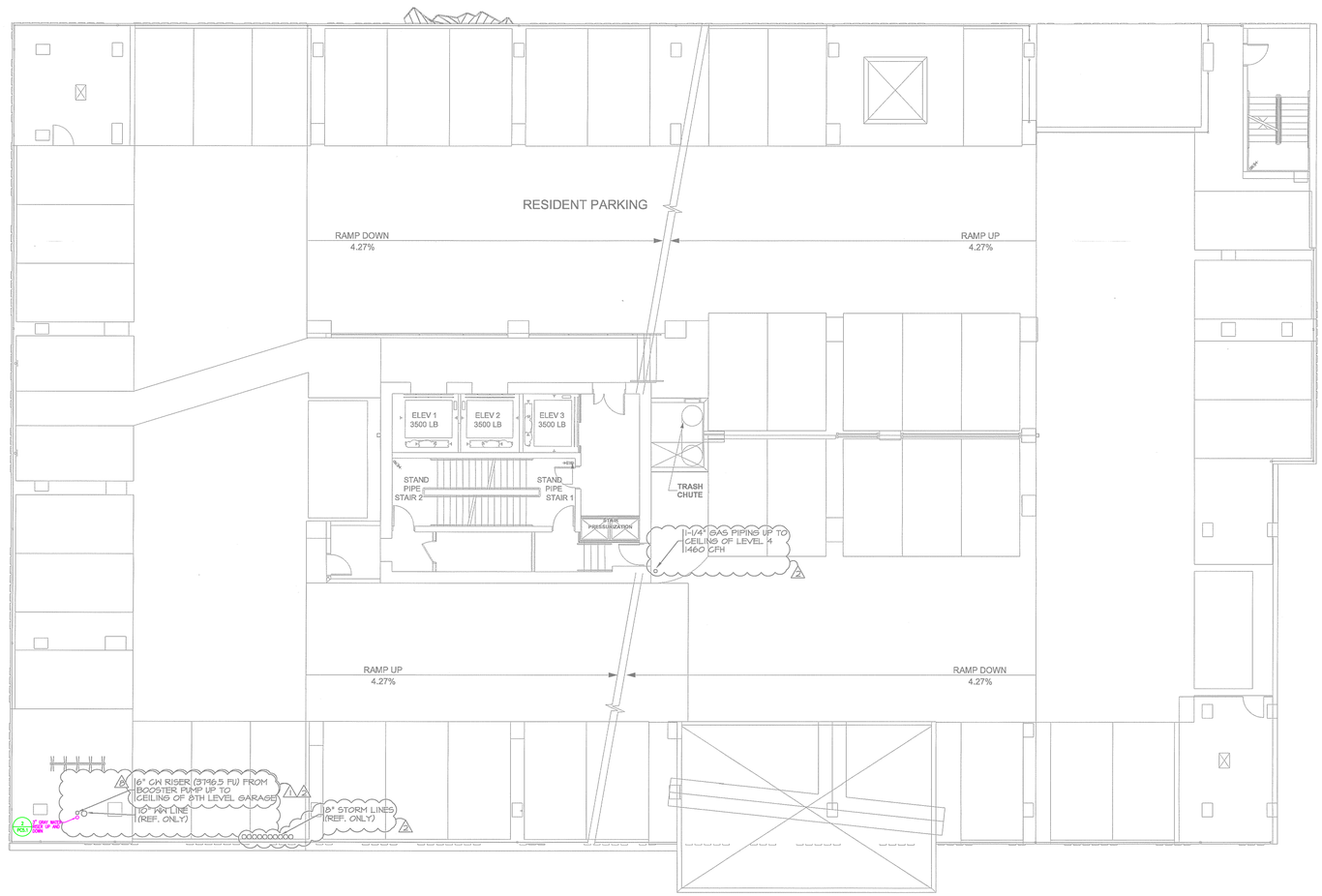
PLBG NOTES

1. ALL VERTICAL AND HORIZONTAL DOMESTIC WATER PIPING ABOVE FLOOR TO BE INSULATED - 1" FIBERGLASS INSULATION WITH VAPOR BARRIER.
2. SANITARY SEWER, FIRE PROTECTION LINE & DOMESTIC WATER SERVICE VARY AT EACH BLDG. CONTR. TO VERIFY EXACT SERVICE POINTS WITH CIVIL DRAWINGS & SITE UTILITY PLAN PRIOR TO INSTALLATION OF LINES.
3. REFER TO 1/4" SCALE TYPICAL UNIT PLANS FOR INDIVIDUAL UNIT WATER LAYOUTS.
4. ALL DOMESTIC WATER PIPING IN GARAGE SHALL BE INSULATED W/ 2" FIBERGLASS W/ ALL-PURPOSE JACKET.

1 - UPDATED BACKGROUND
- ADJUSTED PLUMBING
- CORRECTED NORTH ARROW

2 - UPDATED BACKGROUND
- ADJUSTED PLUMBING
- ADDED GAS PIPING

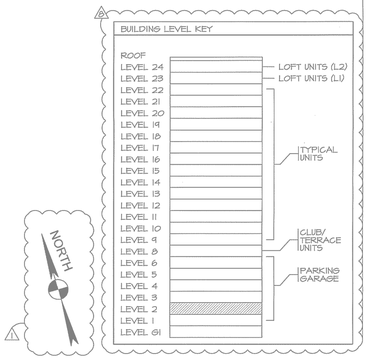
3 - ADJUSTED PLUMBING
- CORRECTED BUILDING KEY



GARAGE - LEVEL 2 - COLD WATER & GAS

1/8" = 1'-0"

ALL PLUMBING SHALL BE IN ACCORDANCE WITH CITY OF AUSTIN ADOPTED PLUMBING CODES.
REVIEWED LWSW DATE 7-2-13
The granting of a permit for, or approval of these plans and specifications shall not be construed to be a permit for, or approval of, any violation of any of the provisions of the currently adopted plumbing code or any other ordinance of the City of Austin.



515 CONGRESS AVE
SUITE 1600
AUSTIN, TEXAS 78701

512.473.0923
512.473.0177

© RHODE PARTNERS, 2012

7th & Rio Grande Apartments

615 West 7th Street
Austin, Texas 78701

PROJECT NUMBER - 111009

OWNER
BEHRINGER HARVARD
CWS CAPITAL PARTNERS LLC
9606 N. Mopac Expwy, Suite 500
Austin, Texas 78759
512.837.3028 p

GENERAL CONTRACTOR
J.E. DUNN CONSTRUCTION
901 S. Mopac Expressway
Barton Oaks Plaza II , Ste. 375
Austin, TX 78746
512.687.6119

ARCHITECT
RHODE PARTNERS
515 Congress Avenue, Suite 1600
Austin, TX 78701
512.473.0923 p

CIVIL ENGINEER
BURY + PARTNERS
221 W 6th Street Ste 600
Austin, Texas 78701
512.791.3311 p

STRUCTURAL ENGINEER
ARCHITECTURAL ENGINEERS COLLABORATIVE
106 East Sixth Street, Suite 450
Austin, Texas 78701
512.472.2111 p

MEP ENGINEER
EN-INCORPORATED
13581 Pond Srpings Road, Suite 400
Austin, Texas 78729
512.918.9315 p

INTERIOR DESIGNER
KEATON INTERIORS
4901 Keller Springs Rd. Ste. 108B
Addison, TX 75001
972.233.9100

LANDSCAPE ARCHITECT
D CRAIN
1621 Willow Street
Austin, TX 78702
512.480.8008 p

EN,INC. F-2473 06/12/13

IF THIS DOCUMENT IS NOT SIGNED, SEALED, AND DATED, IT MAY NOT BE USED FOR REGULATORY APPROVAL, PERMIT OR CONSTRUCTION.

DESCRIPTION	DATE
100% SCHEMATIC DESIGN	02/08/2012
DD - INTERIM PRICING SET	03/30/2012
100% DESIGN DEVELOPMENT	05/04/2012
AEGB REVIEW	05/31/2012
ISSUED FOR REVIEW AND PERMIT	08/11/2012
PERMIT RESPONSE 1	8/28/2012
95% CONSTRUCTION DOCUMENTS	10/05/2012
PERMIT RESPONSE 2	11/08/2012
AFD RESPONSE	01/22/2013
ISSUED FOR CONSTRUCTION	02/01/2013
ISSUED FOR CONSTRUCTION	02/07/2013
REVISION #7	05/20/2013
REVISION #8	06/12/2013

GARAGE - LEVEL 2 COLD WATER

PC2.2

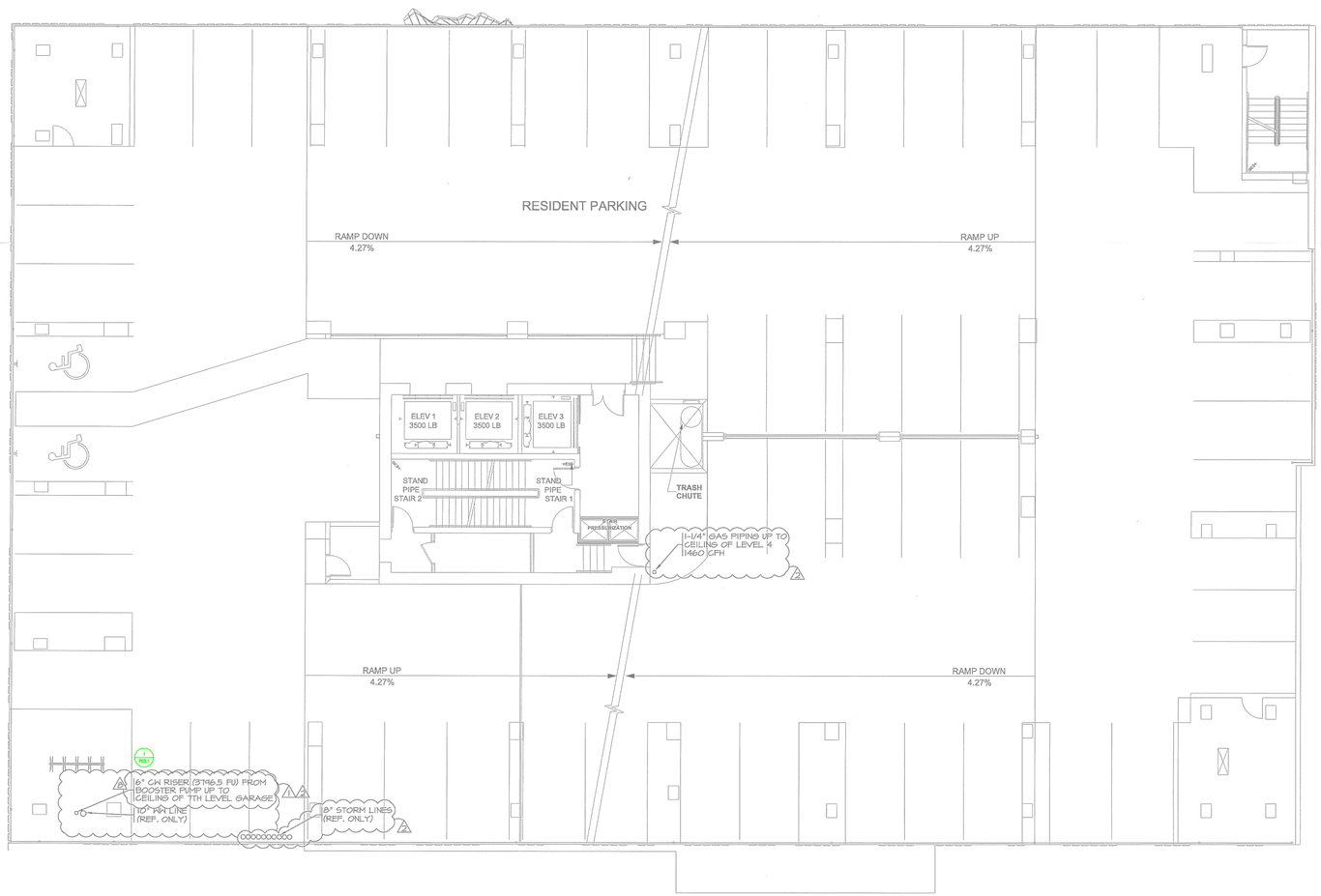
PLBG NOTES

1. ALL VERTICAL AND HORIZONTAL DOMESTIC WATER PIPING ABOVE FLOOR TO BE INSULATED - 1" FIBERGLASS INSULATION WITH VAPOR BARRIER.
2. SANITARY SEWER, FIRE PROTECTION LINE & DOMESTIC WATER SERVICE VARY AT EACH BLDG. CONTR. TO VERIFY EXACT SERVICE POINTS WITH CIVIL DRAWINGS & SITE UTILITY PLAN PRIOR TO INSTALLATION OF LINES.
3. REFER TO 1/4" SCALE TYPICAL UNIT PLANS FOR INDIVIDUAL UNIT WATER LAYOUTS.
4. ALL DOMESTIC WATER PIPING IN GARAGE SHALL BE INSULATED W/ 2" FIBERGLASS W/ ALL-PURPOSE JACKET.

△1 - UPDATED BACKGROUND
- ADJUSTED PLUMBING
- CORRECTED NORTH ARROW

△2 - UPDATED BACKGROUND
- ADJUSTED PLUMBING
- ADDED GAS PIPING

△3 - ADJUSTED PLUMBING
- CORRECTED BUILDING KEY



GARAGE - LEVEL 3 - COLD WATER & GAS

1/8" = 1'-0"

ALL PLUMBING SHALL BE IN ACCORDANCE WITH CITY OF AUSTIN ADOPTED PLUMBING CODES.
REVIEWED WSW DATE 7-2-13
The granting of a permit for, or approval of these plans and specifications shall not be construed to be a permit for, or approval of, any violation of any of the provisions of the currently adopted plumbing code or any other ordinance or state law.

BUILDING LEVEL KEY

ROOF
LEVEL 24
LEVEL 23
LEVEL 22
LEVEL 21
LEVEL 20
LEVEL 19
LEVEL 18
LEVEL 17
LEVEL 16
LEVEL 15
LEVEL 14
LEVEL 13
LEVEL 12
LEVEL 11
LEVEL 10
LEVEL 9
LEVEL 8
LEVEL 6
LEVEL 5
LEVEL 4
LEVEL 3
LEVEL 2
LEVEL 1
LEVEL B1

LOFT UNITS (L2)
LOFT UNITS (L1)
TYPICAL UNITS
CLUB/ TERRACE UNITS
PARKING GARAGE

NORTH

515 CONGRESS AVE
SUITE 1600
AUSTIN, TEXAS 78701

512.473.0923
512.473.9177

© RHODE PARTNERS, 2012

7th & Rio Grande Apartments

615 West 7th Street
Austin, Texas 78701

PROJECT NUMBER - 111009

OWNER
BEHRINGER HARVARD
CWB CAPITAL PARTNERS LLC
9606 N. Mopac Expwy, Suite 500
Austin, Texas 78759
512.837.3028 p

GENERAL CONTRACTOR
J.E. DUNN CONSTRUCTION
901 S. Mopac Expressway
Barton Oaks Plaza II, Ste. 375
Austin, TX 78746
512.687.6119

ARCHITECT
RHODE PARTNERS
515 Congress Avenue, Suite 1600
Austin, TX 78701
512.473.0923 p

CIVIL ENGINEER
BURY + PARTNERS
221 W 6th Street Ste 600
Austin, Texas 78701
512.791.3311 p

STRUCTURAL ENGINEER
ARCHITECTURAL ENGINEERS COLLABORATIVE
106 East Sixth Street, Suite 450
Austin, Texas 78701
512.472.2111 p

MEP ENGINEER
EN-INCORPORATED
13581 Pond Srpings Road, Suite 400
Austin, Texas 78729
512.918.9315 p

INTERIOR DESIGNER
KEATON INTERIORS
4901 Keller Springs Rd. Ste. 108B
Addison, TX 75001
972.233.9100

LANDSCAPE ARCHITECT
D CRAIN
1621 Willow Street
Austin, TX 78702
512.480.8008 p

EN,INC. F-2473 06/12/13

IF THIS DOCUMENT IS NOT SIGNED, SEALED, AND DATED, IT MAY NOT BE USED FOR REGULATORY APPROVAL, PERMIT OR CONSTRUCTION

DESCRIPTION	DATE
100% SCHEMATIC DESIGN	02/06/2012
DD - INTERIM PRICING SET	03/30/2012
100% DESIGN DEVELOPMENT	05/04/2012
AEGB REVIEW	05/31/2012
ISSUED FOR REVIEW AND PERMIT	06/11/2012
PERMIT RESPONSE 1	8/28/2012
95% CONSTRUCTION DOCUMENTS	10/05/2012
PERMIT RESPONSE 2	11/08/2012
AFD RESPONSE	01/22/2013
ISSUED FOR CONSTRUCTION	02/01/2013
ISSUED FOR CONSTRUCTION	02/07/2013
REVISION #7	05/20/2013
REVISION #8	06/12/2013

GARAGE - LEVEL 3 COLD WATER

PC2.3

PLUMBING LEGEND	
	GRAYWATER SUPPLY PIPING
2"	PIPE SIZE REVISION

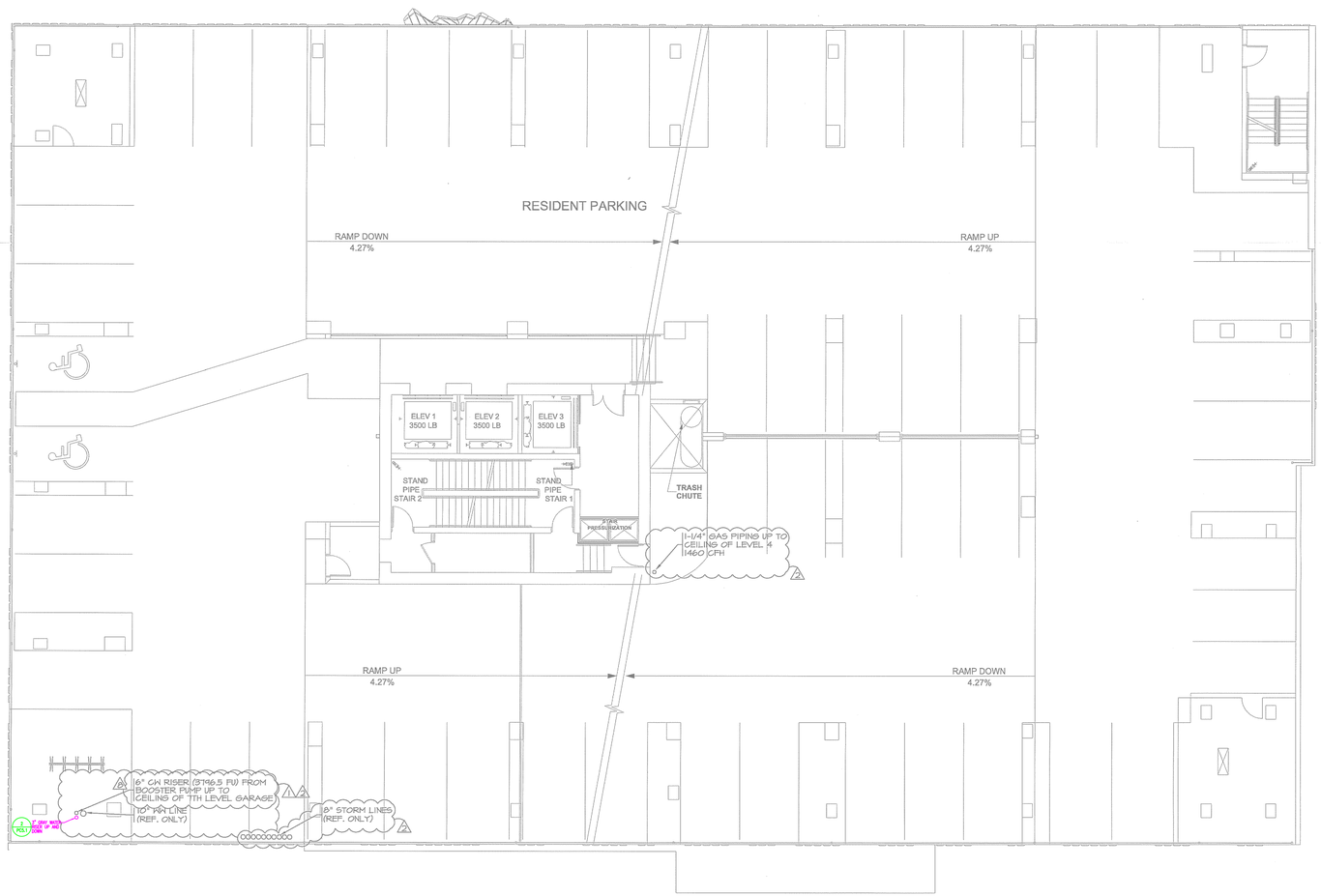
PLBG NOTES

1. ALL VERTICAL AND HORIZONTAL DOMESTIC WATER PIPING ABOVE FLOOR TO BE INSULATED - 1" FIBERGLASS INSULATION WITH VAPOR BARRIER.
2. SANITARY SEWER, FIRE PROTECTION LINE & DOMESTIC WATER SERVICE VARY AT EACH BLDG. CONTR. TO VERIFY EXACT SERVICE POINTS WITH CIVIL DRAWINGS & SITE UTILITY PLAN PRIOR TO INSTALLATION OF LINES.
3. REFER TO 1/4" SCALE TYPICAL UNIT PLANS FOR INDIVIDUAL UNIT WATER LAYOUTS.
4. ALL DOMESTIC WATER PIPING IN GARAGE SHALL BE INSULATED W/ 2" FIBERGLASS W/ ALL-PURPOSE JACKET.

1 - UPDATED BACKGROUND
- ADJUSTED PLUMBING
- CORRECTED NORTH ARROW

2 - UPDATED BACKGROUND
- ADJUSTED PLUMBING
- ADDED GAS PIPING

3 - ADJUSTED PLUMBING
- CORRECTED BUILDING KEY

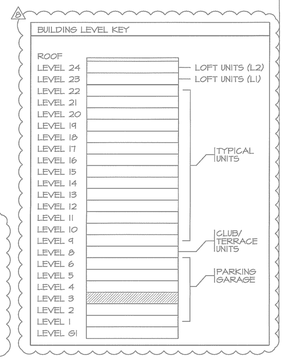


GARAGE - LEVEL 3 - COLD WATER & GAS

1/8" = 1'-0"

ALL PLUMBING
SHALL BE IN ACCORDANCE WITH CITY OF AUSTIN ADOPTED PLUMBING CODES.
REVIEWED WSW DATE 7-2-13
The granting of a permit for, or approval of these plans and specifications shall not be construed to be a permit for, or approval of, any violation of any of the provisions of the currently adopted plumbing code or any other ordinance or state law.

BUILDING LEVEL KEY



515 CONGRESS AVE
SUITE 1600
AUSTIN, TEXAS 78701

512.473.0923
512.473.9177

© RHODE PARTNERS, 2012

7th & Rio Grande Apartments

615 West 7th Street
Austin, Texas 78701

PROJECT NUMBER - 111009

OWNER
BEHRINGER HARVARD
CWB CAPITAL PARTNERS LLC
9606 N. Mopac Expwy, Suite 500
Austin, Texas 78759
512.837.3028 p

GENERAL CONTRACTOR
J.E. DUNN CONSTRUCTION
901 S. Mopac Expressway
Barton Oaks Plaza II, Ste. 375
Austin, TX 78746
512.687.6119

ARCHITECT
RHODE PARTNERS
515 Congress Avenue, Suite 1600
Austin, TX 78701
512.473.0923 p

CIVIL ENGINEER
BURY + PARTNERS
221 W 6th Street Ste 600
Austin, Texas 78701
512.791.3311 p

STRUCTURAL ENGINEER
ARCHITECTURAL ENGINEERS COLLABORATIVE
106 East Sixth Street, Suite 450
Austin, Texas 78701
512.472.2111 p

MEP ENGINEER
EN-INCORPORATED
13581 Pond Srpings Road, Suite 400
Austin, Texas 78729
512.918.9315 p

INTERIOR DESIGNER
KEATON INTERIORS
4901 Keller Springs Rd. Ste. 108B
Addison, TX 75001
972.233.9100

LANDSCAPE ARCHITECT
D CRAIN
1621 Willow Street
Austin, TX 78702
512.480.8008 p

EN,INC. F-2473 06/12/13

IF THIS DOCUMENT IS NOT SIGNED, SEALED, AND DATED, IT MAY NOT BE USED FOR REGULATORY APPROVAL, PERMIT OR CONSTRUCTION

100% SCHEMATIC DESIGN	02/06/2012
DD - INTERIM PRICING SET	03/30/2012
100% DESIGN DEVELOPMENT	05/04/2012
AEGB REVIEW	05/31/2012
ISSUED FOR REVIEW AND PERMIT	06/11/2012
PERMIT RESPONSE 1	8/28/2012
95% CONSTRUCTION DOCUMENTS	10/05/2012
PERMIT RESPONSE 2	11/08/2012
AFD RESPONSE	01/22/2013
ISSUED FOR CONSTRUCTION	02/01/2013
ISSUED FOR CONSTRUCTION	02/07/2013
REVISION #7	05/20/2013
REVISION #8	06/12/2013
DESCRIPTION	**DATE**

GARAGE - LEVEL 3 COLD WATER

PC2.3

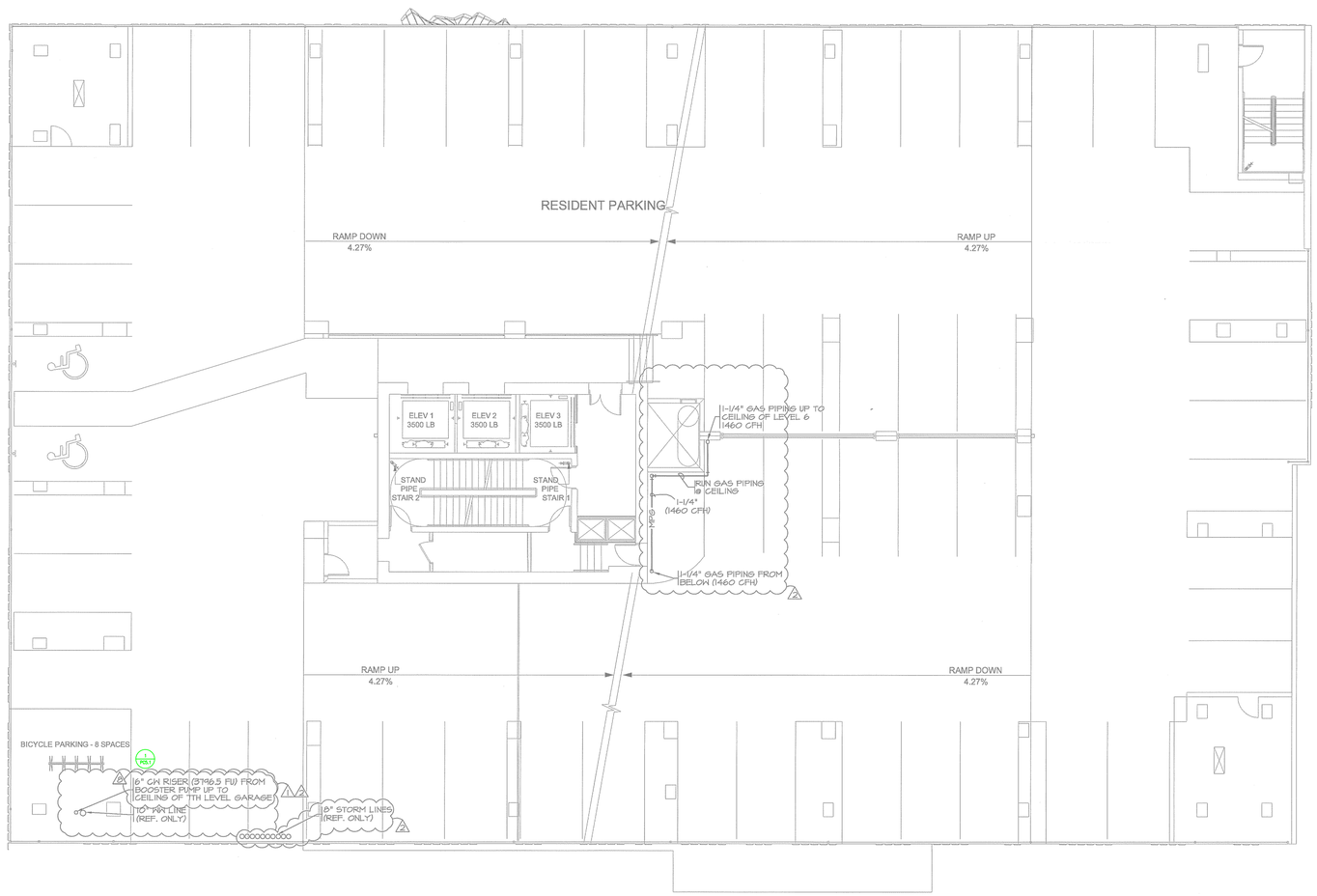
PLBG NOTES

1. ALL VERTICAL AND HORIZONTAL DOMESTIC WATER PIPING ABOVE FLOOR TO BE INSULATED - 1" FIBERGLASS INSULATION WITH VAPOR BARRIER.
2. SANITARY SEWER, FIRE PROTECTION LINE & DOMESTIC WATER SERVICE VARY AT EACH BLDG. CONTR. TO VERIFY EXACT SERVICE POINTS WITH CIVIL DRAWINGS & SITE UTILITY PLAN PRIOR TO INSTALLATION OF LINES.
3. REFER TO 1/4" SCALE TYPICAL UNIT PLANS FOR INDIVIDUAL UNIT WATER LAYOUTS.
4. ALL DOMESTIC WATER PIPING IN GARAGE SHALL BE INSULATED W/ 2" FIBERGLASS W/ ALL-PURPOSE JACKET.

△1 - UPDATED BACKGROUND
- ADJUSTED PLUMBING
- CORRECTED NORTH ARROW

△2 - UPDATED BACKGROUND
- ADJUSTED PLUMBING
- ADDED GAS PIPING

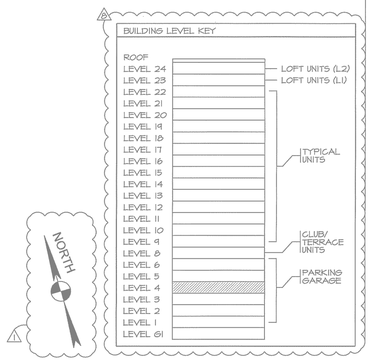
△3 - ADJUSTED PLUMBING
- CORRECTED BUILDING KEY



GARAGE - LEVEL 4 - COLD WATER & GAS

1/8" = 1'-0"

ALL PLUMBING SHALL BE IN ACCORDANCE WITH CITY OF AUSTIN ADOPTED PLUMBING CODES.
REVIEWED WSW DATE 7-2-13
The granting of a permit or approval of these plans and specifications shall not be construed to be a permit for, or approval of, any violation of any of the provisions of the currently adopted building code or any other ordinance of the City of Austin.



RHODE PARTNERS
515 CONGRESS AVE
SUITE 1600
AUSTIN, TEXAS 78701
512.473.0923
512.473.0177

© RHODE PARTNERS, 2012

7th & Rio Grande Apartments

615 West 7th Street
Austin, Texas 78701

PROJECT NUMBER - 111009

OWNER
BEHRINGER HARVARD
CWB CAPITAL PARTNERS LLC
9606 N. Mopac Expwy, Suite 500
Austin, Texas 78759
512.837.3028 p

GENERAL CONTRACTOR
J.E. DUNN CONSTRUCTION
901 S. Mopac Expressway
Barton Oaks Plaza II , Ste. 375
Austin, TX 78746
512.687.6119

ARCHITECT
RHODE PARTNERS
515 Congress Avenue, Suite 1600
Austin, TX 78701
512.473.0923 p

CIVIL ENGINEER
BURY + PARTNERS
221 W 6th Street Ste 600
Austin, Texas 78701
512.791.3311 p

STRUCTURAL ENGINEER
ARCHITECTURAL ENGINEERS COLLABORATIVE
106 East Sixth Street, Suite 450
Austin, Texas 78701
512.472.2111 p

MEP ENGINEER
EN-INCORPORATED
13581 Pond Srpings Road, Suite 400
Austin, Texas 78729
512.918.9315 p

INTERIOR DESIGNER
KEATON INTERIORS
4901 Keller Springs Rd. Ste. 106B
Addison, TX 75001
972.233.9100

LANDSCAPE ARCHITECT
D CRAIN
1621 Willow Street
Austin, TX 78702
512.480.8008 p

EN,INC. F-2473 08/12/13

IF THIS DOCUMENT IS NOT SIGNED, SEALED, AND DATED, IT MAY NOT BE USED FOR REGULATORY APPROVAL, PERMIT OR CONSTRUCTION

DESCRIPTION	DATE
100% SCHEMATIC DESIGN	02/06/2012
DD - INTERIM PRICING SET	03/30/2012
100% DESIGN DEVELOPMENT	05/04/2012
AEGB REVIEW	05/31/2012
ISSUED FOR REVIEW AND PERMIT	06/11/2012
PERMIT RESPONSE 1	8/28/2012
95% CONSTRUCTION DOCUMENTS	10/05/2012
PERMIT RESPONSE 2	11/08/2012
AFD RESPONSE	01/22/2013
ISSUED FOR CONSTRUCTION	02/01/2013
ISSUED FOR CONSTRUCTION	02/07/2013
REVISION #7	05/20/2013
REVISION #8	06/12/2013

GARAGE - LEVEL 4 COLD WATER

PC2.4

PLUMBING LEGEND	
	DOMESTIC SUPPLY PIPING
2"	PIPE SIZE REVISION

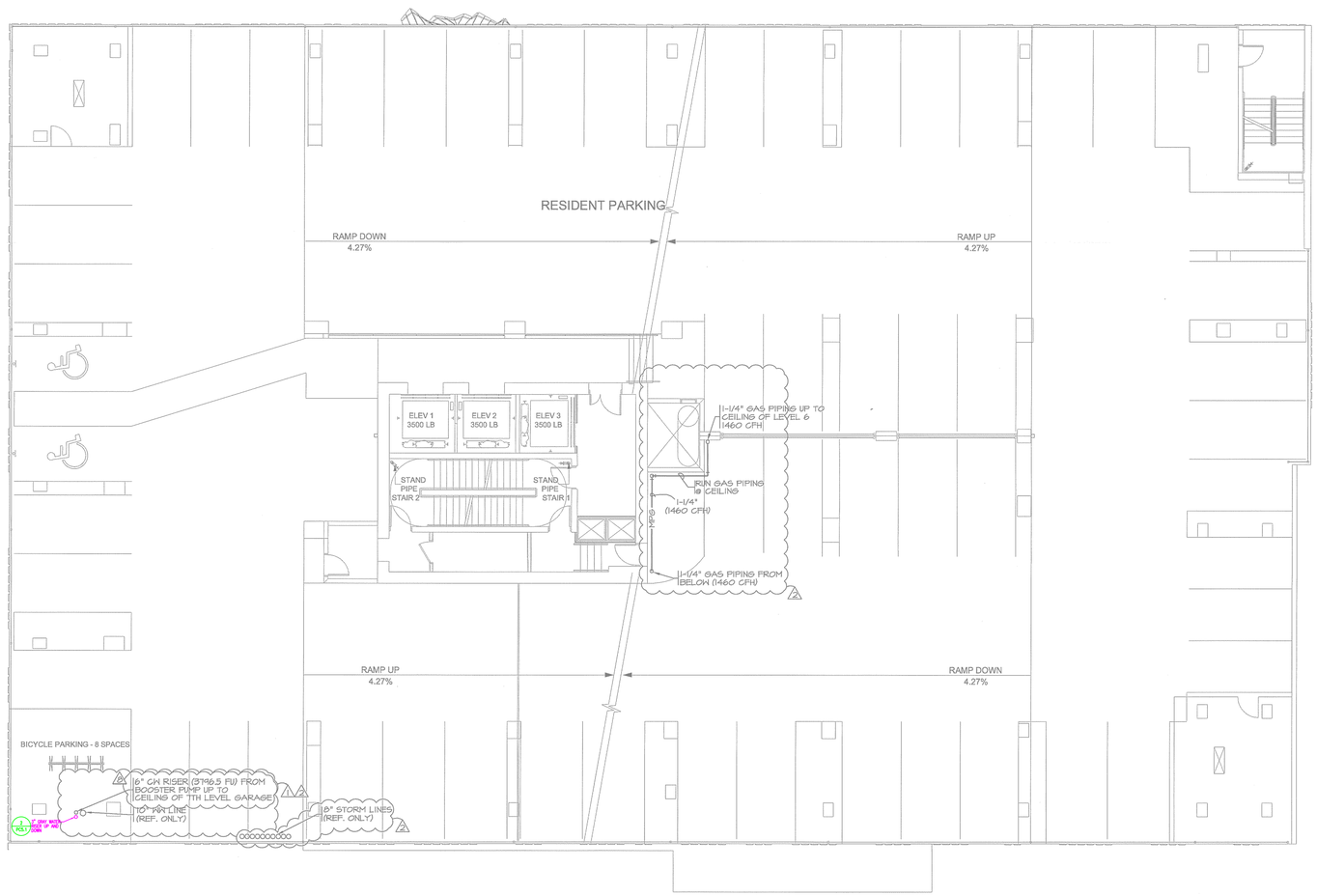
PLBG NOTES

1. ALL VERTICAL AND HORIZONTAL DOMESTIC WATER PIPING ABOVE FLOOR TO BE INSULATED - 1" FIBERGLASS INSULATION WITH VAPOR BARRIER.
2. SANITARY SEWER, FIRE PROTECTION LINE & DOMESTIC WATER SERVICE VARY AT EACH BLDG. CONTR. TO VERIFY EXACT SERVICE POINTS WITH CIVIL DRAWINGS & SITE UTILITY PLAN PRIOR TO INSTALLATION OF LINES.
3. REFER TO 1/4" SCALE TYPICAL UNIT PLANS FOR INDIVIDUAL UNIT WATER LAYOUTS.
4. ALL DOMESTIC WATER PIPING IN GARAGE SHALL BE INSULATED W/ 2" FIBERGLASS W/ ALL-PURPOSE JACKET.

△1 - UPDATED BACKGROUND
- ADJUSTED PLUMBING
- CORRECTED NORTH ARROW

△2 - UPDATED BACKGROUND
- ADJUSTED PLUMBING
- ADDED GAS PIPING

△3 - ADJUSTED PLUMBING
- CORRECTED BUILDING KEY



GARAGE - LEVEL 4 - COLD WATER & GAS △2

1/8" = 1'-0"

ALL PLUMBING SHALL BE IN ACCORDANCE WITH CITY OF AUSTIN ADOPTED PLUMBING CODES.
REVIEWED WSW DATE 7-2-13
The granting of a permit or approval of these plans and specifications shall not be construed to be a permit for, or approval of, any violation of any of the provisions of the currently adopted building code or any other ordinance of the City of Austin.

△2 BUILDING LEVEL KEY

ROOF
LEVEL 24 — LOFT UNITS (L2)
LEVEL 23 — LOFT UNITS (L1)
LEVEL 22
LEVEL 21
LEVEL 20
LEVEL 19
LEVEL 18
LEVEL 17
LEVEL 16
LEVEL 15
LEVEL 14
LEVEL 13
LEVEL 12
LEVEL 11
LEVEL 10
LEVEL 9
LEVEL 8 — TYPICAL UNITS
LEVEL 6
LEVEL 5
LEVEL 4
LEVEL 3
LEVEL 2
LEVEL 1
LEVEL G1 — CLUB/TERRACE UNITS; PARKING GARAGE

NORTH △1

RHODE PARTNERS
515 CONGRESS AVE
SUITE 1600
AUSTIN, TEXAS 78701

512.473.0923
512.473.0177

© RHODE PARTNERS, 2012

7th & Rio Grande Apartments

615 West 7th Street
Austin, Texas 78701

PROJECT NUMBER - 111009

OWNER
BEHRINGER HARVARD
CWB CAPITAL PARTNERS LLC
9606 N. Mopac Expwy, Suite 500
Austin, Texas 78759
512.837.3028 p

GENERAL CONTRACTOR
J.E. DUNN CONSTRUCTION
901 S. Mopac Expressway
Barton Oaks Plaza II , Ste. 375
Austin, TX 78746
512.687.6119

ARCHITECT
RHODE PARTNERS
515 Congress Avenue, Suite 1600
Austin, TX 78701
512.473.0923 p

CIVIL ENGINEER
BURY + PARTNERS
221 W 6th Street Ste 600
Austin, Texas 78701
512.791.3311 p

STRUCTURAL ENGINEER
ARCHITECTURAL ENGINEERS COLLABORATIVE
106 East Sixth Street, Suite 450
Austin, Texas 78701
512.472.2111 p

MEP ENGINEER
EN-INCORPORATED
13581 Pond Srpings Road, Suite 400
Austin, Texas 78729
512.918.9315 p

INTERIOR DESIGNER
KEATON INTERIORS
4901 Keller Springs Rd. Ste. 106B
Addison, TX 75001
972.233.9100

LANDSCAPE ARCHITECT
D CRAIN
1621 Willow Street
Austin, TX 78702
512.480.8008 p

EN,INC. F-2473 08/12/13

IF THIS DOCUMENT IS NOT SIGNED, SEALED, AND DATED, IT MAY NOT BE USED FOR REGULATORY APPROVAL, PERMIT OR CONSTRUCTION

DESCRIPTION	DATE
100% SCHEMATIC DESIGN	02/06/2012
DD - INTERIM PRICING SET	03/30/2012
100% DESIGN DEVELOPMENT	05/04/2012
AEGB REVIEW	05/31/2012
ISSUED FOR REVIEW AND PERMIT	06/11/2012
PERMIT RESPONSE 1	8/28/2012
95% CONSTRUCTION DOCUMENTS	10/05/2012
PERMIT RESPONSE 2	11/08/2012
AFD RESPONSE	01/22/2013
ISSUED FOR CONSTRUCTION	02/01/2013
ISSUED FOR CONSTRUCTION	02/07/2013
REVISION #7	05/20/2013
REVISION #8	06/12/2013

GARAGE - LEVEL 4 COLD WATER

PC2.4

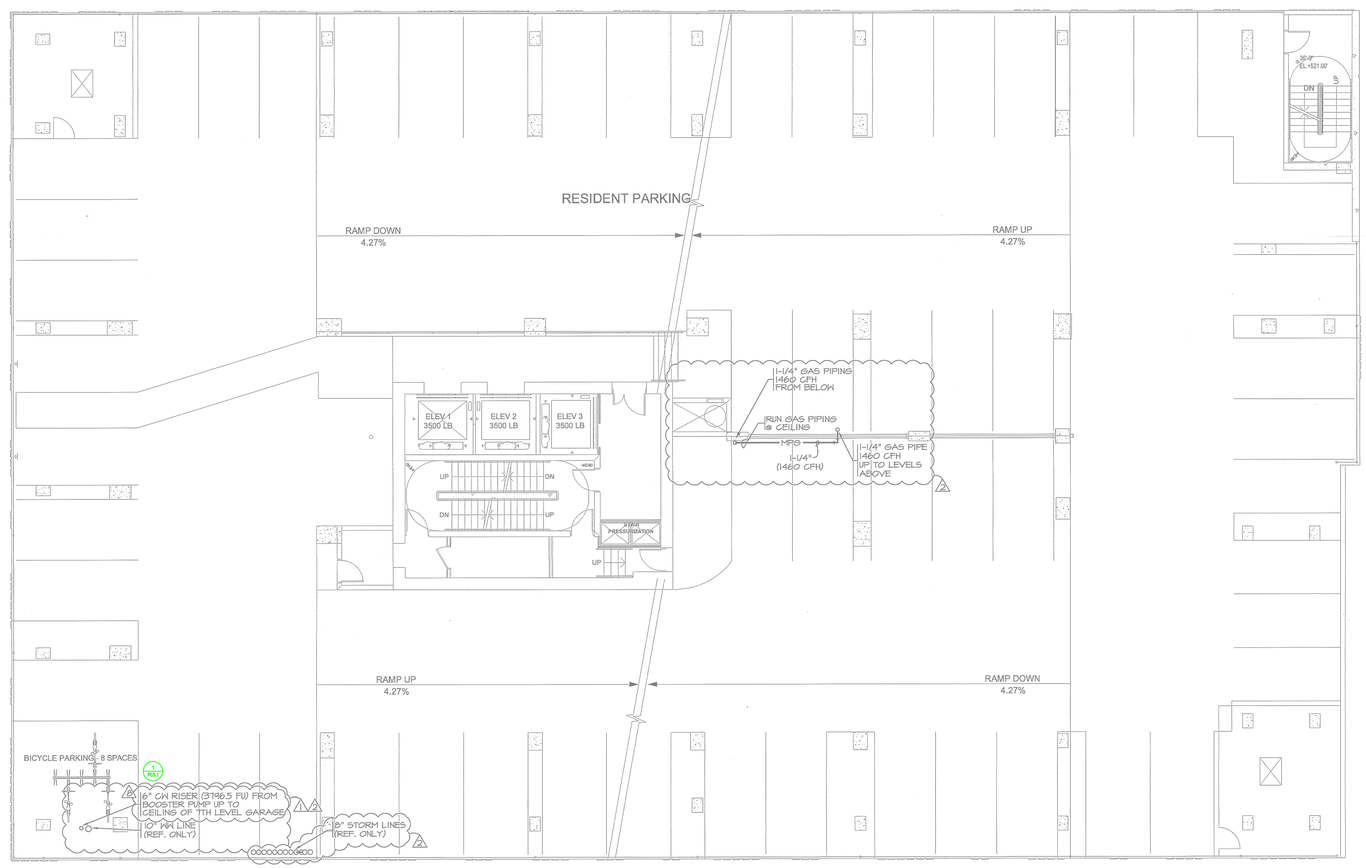
PLBG NOTES

1. ALL VERTICAL AND HORIZONTAL DOMESTIC WATER PIPING ABOVE FLOOR TO BE INSULATED - 1" FIBERGLASS INSULATION WITH VAPOR BARRIER.
2. SANITARY SEWER, FIRE PROTECTION LINE & DOMESTIC WATER SERVICE VARY AT EACH BLDG. CONTR. TO VERIFY EXACT SERVICE POINTS WITH CIVIL DRAWINGS & SITE UTILITY PLAN PRIOR TO INSTALLATION OF LINES.
3. REFER TO 1/4" SCALE TYPICAL UNIT PLANS FOR INDIVIDUAL UNIT WATER LAYOUTS.
4. ALL DOMESTIC WATER PIPING IN GARAGE SHALL BE INSULATED W/ 2" FIBERGLASS W/ ALL-PURPOSE JACKET.

1 - UPDATED BACKGROUND
- ADJUSTED PLUMBING
- CORRECTED NORTH ARROW

2 - UPDATED BACKGROUND
- ADJUSTED PLUMBING
- ADDED GAS PIPING

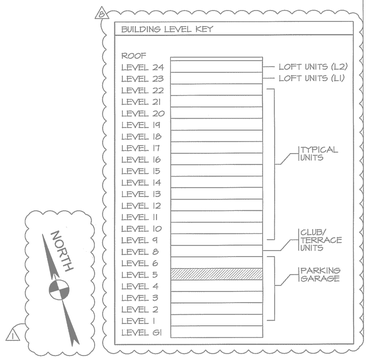
3 - ADJUSTED PLUMBING
- CORRECTED BUILDING KEY



GARAGE - LEVEL 5 - COLD WATER & GAS

1/8" = 1'-0"

ALL PLUMBING SHALL BE IN ACCORDANCE WITH CITY OF AUSTIN ADOPTED PLUMBING CODES.
REVIEWED WSW DATE 7-2-13
The granting of a permit for, or approval of these plans and specifications shall not be construed to be a permit for, or approval of, any violation of any of the provisions of the currently adopted plumbing code or any other ordinance of the City of Austin.



515 CONGRESS AVE
SUITE 1600
AUSTIN, TEXAS 78701

512.473.0923
512.473.0177

© RHODE PARTNERS, 2012

7th & Rio Grande Apartments

615 West 7th Street
Austin, Texas 78701

PROJECT NUMBER - 111009

OWNER
BEHRINGER HARVARD
CWS CAPITAL PARTNERS LLC
9606 N. Mopac Expwy, Suite 500
Austin, Texas 78759
512.837.3028 p

GENERAL CONTRACTOR
J.E. DUNN CONSTRUCTION
901 S. Mopac Expressway
Barton Oaks Plaza II , Ste. 375
Austin, TX 78746
512.687.6119

ARCHITECT
RHODE PARTNERS
515 Congress Avenue, Suite 1600
Austin, TX 78701
512.473.0923 p

CIVIL ENGINEER
BURY + PARTNERS
221 W 6th Street Ste 600
Austin, Texas 78701
512.791.3311 p

STRUCTURAL ENGINEER
ARCHITECTURAL ENGINEERS COLLABORATIVE
106 East Sixth Street, Suite 450
Austin, Texas 78701
512.472.2111 p

MEP ENGINEER
EN-INCORPORATED
13581 Pond Srpings Road, Suite 400
Austin, Texas 78729
512.918.9315 p

INTERIOR DESIGNER
KEATON INTERIORS
4901 Keller Springs Rd. Ste. 106B
Addison, TX 75001
972.233.9100

LANDSCAPE ARCHITECT
D CRAIN
1621 Willow Street
Austin, TX 78702
512.480.8008 p

EN,INC. F-2473 06/12/13

IF THIS DOCUMENT IS NOT SIGNED, SEALED, AND DATED, IT MAY NOT BE USED FOR REGULATORY APPROVAL, PERMIT OR CONSTRUCTION

DESCRIPTION	DATE
100% SCHEMATIC DESIGN	02/06/2012
DD - INTERIM PRICING SET	03/30/2012
100% DESIGN DEVELOPMENT	05/04/2012
AEGB REVIEW	05/31/2012
ISSUED FOR REVIEW AND PERMIT	06/11/2012
PERMIT RESPONSE 1	8/28/2012
95% CONSTRUCTION DOCUMENTS	10/05/2012
PERMIT RESPONSE 2	11/08/2012
AFD RESPONSE	01/22/2013
ISSUED FOR CONSTRUCTION	02/01/2013
ISSUED FOR CONSTRUCTION	02/07/2013
REVISION #7	05/20/2013
REVISION #8	06/12/2013

GARAGE - LEVEL 5 COLD WATER

PC2.5

PLUMBING LEGEND	
	GROWNTER SUPPLY PIPING
2"	PIPE SIZE REVISION

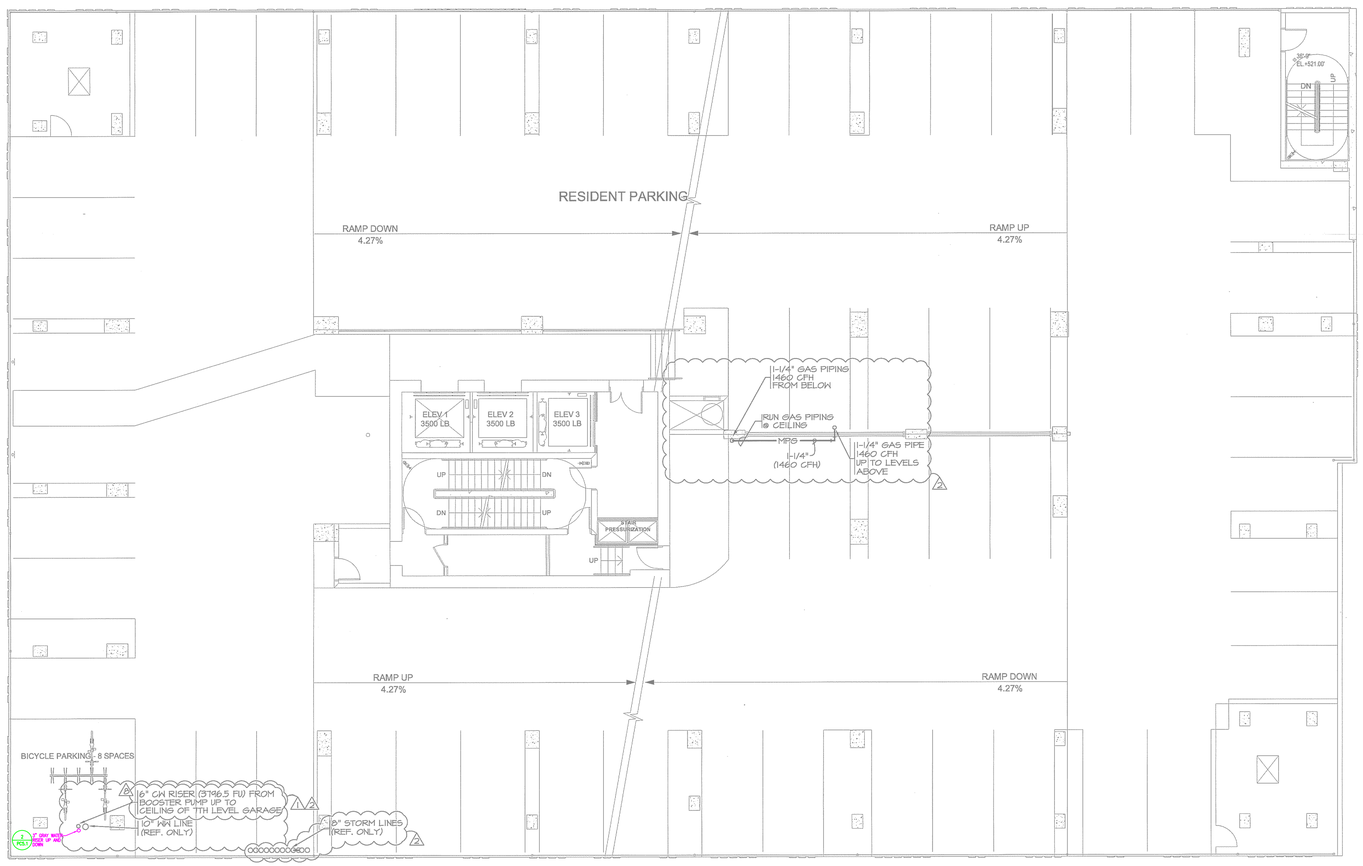
PLBG NOTES

1. ALL VERTICAL AND HORIZONTAL DOMESTIC WATER PIPING ABOVE FLOOR TO BE INSULATED - 1" FIBERGLASS INSULATION WITH VAPOR BARRIER.
2. SANITARY SEWER, FIRE PROTECTION LINE & DOMESTIC WATER SERVICE VARY AT EACH BLDG. CONTR. TO VERIFY EXACT SERVICE POINTS WITH CIVIL DRAWINGS & SITE UTILITY PLAN PRIOR TO INSTALLATION OF LINES.
3. REFER TO 1/4" SCALE TYPICAL UNIT PLANS FOR INDIVIDUAL UNIT WATER LAYOUTS.
4. ALL DOMESTIC WATER PIPING IN GARAGE SHALL BE INSULATED W/ 2" FIBERGLASS W/ ALL-PURPOSE JACKET.

1 - UPDATED BACKGROUND
- ADJUSTED PLUMBING
- CORRECTED NORTH ARROW

2 - UPDATED BACKGROUND
- ADJUSTED PLUMBING
- ADDED GAS PIPING

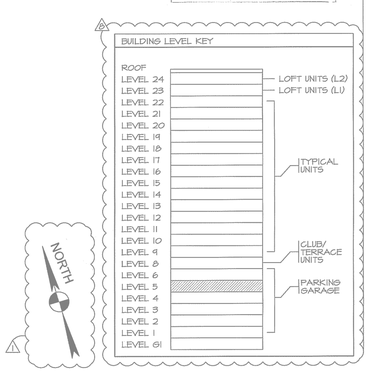
3 - ADJUSTED PLUMBING
- CORRECTED BUILDING KEY



GARAGE - LEVEL 5 - COLD WATER & GAS

1/8" = 1'-0"

ALL PLUMBING SHALL BE IN ACCORDANCE WITH CITY OF AUSTIN ADOPTED PLUMBING CODES.
REVIEWED WSW DATE 7-2-13
The granting of a permit for, or approval of these plans and specifications shall not be construed to be a permit for, or approval of, any violation of any of the provisions of the currently adopted plumbing code or any other ordinance of the City of Austin.



515 CONGRESS AVE
SUITE 1600
AUSTIN, TEXAS 78701
512.473.0923
512.473.0177

© RHODE PARTNERS, 2012

7th & Rio Grande Apartments

615 West 7th Street
Austin, Texas 78701

PROJECT NUMBER - 111009

OWNER
BEHRINGER HARVARD
CWS CAPITAL PARTNERS LLC
9606 N. Mopac Expwy, Suite 500
Austin, Texas 78759
512.837.3028 p

GENERAL CONTRACTOR
J.E. DUNN CONSTRUCTION
901 S. Mopac Expressway
Barton Oaks Plaza II , Ste. 375
Austin, TX 78746
512.687.6119

ARCHITECT
RHODE PARTNERS
515 Congress Avenue, Suite 1600
Austin, TX 78701
512.473.0923 p

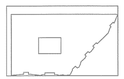
CIVIL ENGINEER
BURY + PARTNERS
221 W 6th Street Ste 600
Austin, Texas 78701
512.791.3311 p

STRUCTURAL ENGINEER
ARCHITECTURAL ENGINEERS COLLABORATIVE
106 East Sixth Street, Suite 450
Austin, Texas 78701
512.472.2111 p

MEP ENGINEER
EN-INCORPORATED
13581 Pond Srpings Road, Suite 400
Austin, Texas 78729
512.918.9315 p

INTERIOR DESIGNER
KEATON INTERIORS
4901 Keller Springs Rd. Ste. 106B
Addison, TX 75001
972.233.9100

LANDSCAPE ARCHITECT
D CRAIN
1621 Willow Street
Austin, TX 78702
512.480.8008 p



EN,INC. F-2473 06/12/13

IF THIS DOCUMENT IS NOT SIGNED, SEALED, AND DATED, IT MAY NOT BE USED FOR REGULATORY APPROVAL, PERMIT OR CONSTRUCTION

DESCRIPTION	DATE
100% SCHEMATIC DESIGN	02/06/2012
DD - INTERIM PRICING SET	03/30/2012
100% DESIGN DEVELOPMENT	05/04/2012
AEGB REVIEW	05/31/2012
ISSUED FOR REVIEW AND PERMIT	06/11/2012
PERMIT RESPONSE 1	8/28/2012
95% CONSTRUCTION DOCUMENTS	10/05/2012
PERMIT RESPONSE 2	11/08/2012
AFD RESPONSE	01/22/2013
ISSUED FOR CONSTRUCTION	02/01/2013
ISSUED FOR CONSTRUCTION	02/07/2013
REVISION #7	05/20/2013
REVISION #8	06/12/2013

GARAGE - LEVEL 5 COLD WATER

PC2.5

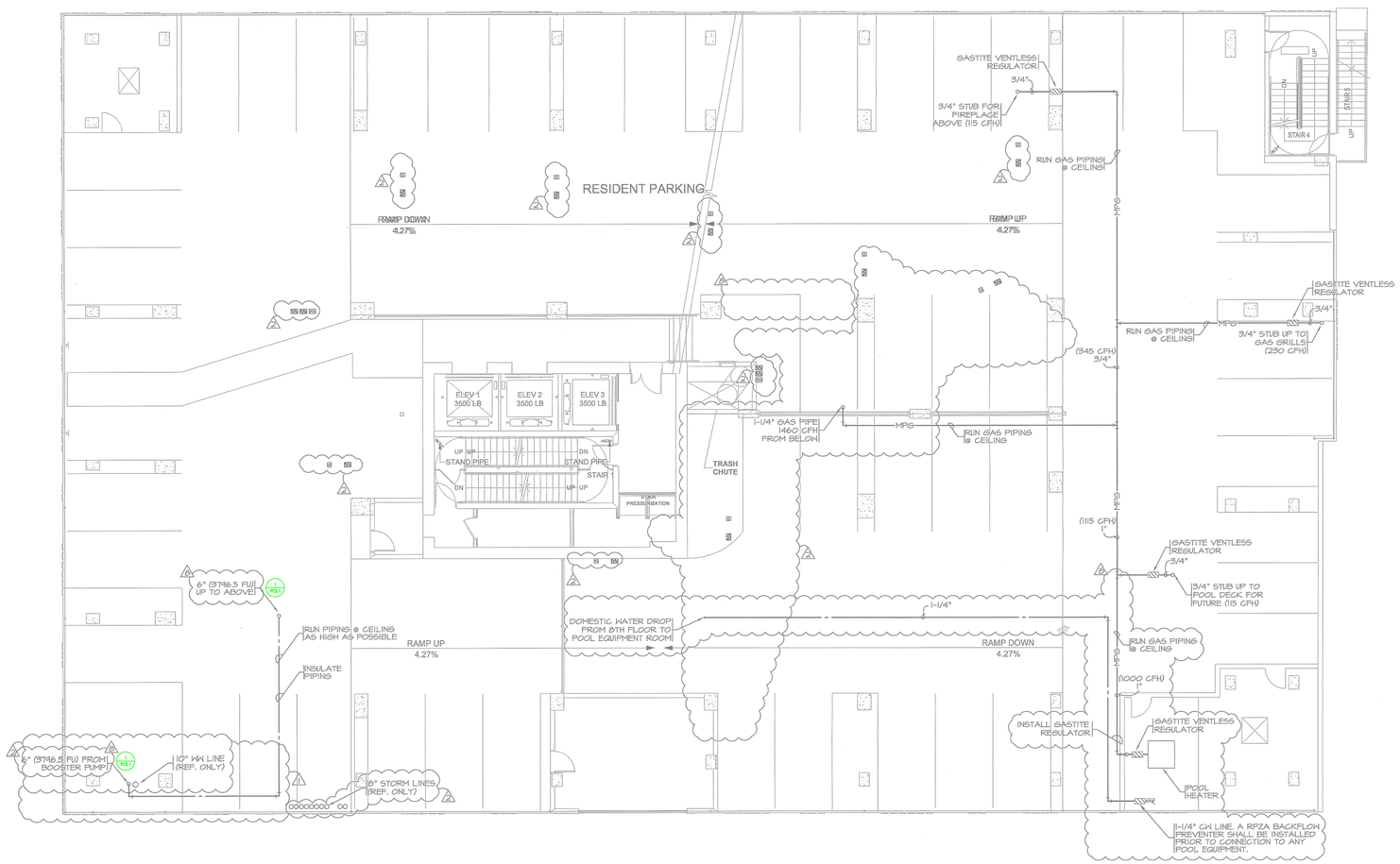
PLBG NOTES

1. ALL VERTICAL AND HORIZONTAL DOMESTIC WATER PIPING ABOVE FLOOR TO BE INSULATED - 1" FIBERGLASS INSULATION WITH VAPOR BARRIER.
2. SANITARY SEWER, FIRE PROTECTION LINE & DOMESTIC WATER SERVICE VARY AT EACH BLDG. CONTR. TO VERIFY EXACT SERVICE POINTS WITH CIVIL DRAWINGS & SITE UTILITY PLAN PRIOR TO INSTALLATION OF LINES.
3. REFER TO 1/4" SCALE TYPICAL UNIT PLANS FOR INDIVIDUAL UNIT WATER LAYOUTS.
4. ALL DOMESTIC WATER PIPING IN GARAGE SHALL BE INSULATED W/ 2" FIBERGLASS W/ ALL-PURPOSE JACKET.

1 - UPDATED BACKGROUND
- ADJUSTED PLUMBING
- CORRECTED NORTH ARROW

2 - UPDATED BACKGROUND
- ADJUSTED PLUMBING
- ADDED GAS PIPING

3 - CHANGED LOCATION OF POOL EQUIPMENT ROOM
- ADJUSTED PLUMBING
- CORRECTED BUILDING KEY



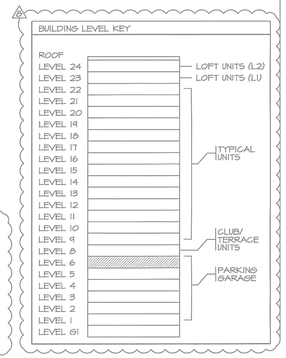
GARAGE - LEVEL 6 - COLD WATER & GAS
1/8" = 1'-0"

ALL PRESSURE VACUUM BREAKER, ALL DOUBLE CHECK VALVE ASSEMBLIES, ALL REDUCED PRESSURE ZONE BACKFLOW PREVENTERS SHALL BE TESTED BY A CERTIFIED TESTER UPON INSTALLATION AND A COPY OF THE TEST REPORT BE FILED WITH THE CITY OF AUSTIN.

BACKFLOW PREVENTION ASSEMBLIES SHALL:
A. HAVE FULL USC FCCCAHR APPROVAL
B. BE OPERATIONALLY TESTED BY A BACKFLOW TESTER REGISTERED W/WWW. PLEASE DIRECT QUESTIONS TOW/WW: SPECIAL SERVICES DIV. AT 972-1000

ALL PLUMBING
SHALL BE IN ACCORDANCE WITH CITY OF AUSTIN ADOPTED PLUMBING CODES.
REVIEWED WSW DATE 7-2-13
The granting of a permit for, or approval of these plans and specifications shall not be construed to be a permit for, or approval of, any violation of any of the provisions of the currently adopted plumbing code or any other ordinance of the City of Austin.

BUILDING LEVEL KEY



NORTH

515 CONGRESS AVE
SUITE 1600
AUSTIN, TEXAS 78701
512.473.0923
512.473.0177

© RHODE PARTNERS, 2012

7th & Rio Grande Apartments

615 West 7th Street
Austin, Texas 78701

PROJECT NUMBER - 111009

OWNER
BOHRINGER HARVARD
CWS CAPITAL PARTNERS LLC
9606 N. Mopac Expwy, Suite 500
Austin, Texas 78759
512.837.3028 p

GENERAL CONTRACTOR
J.E. DUNN CONSTRUCTION
901 S. Mopac Expressway
Barton Oaks Plaza II , Ste. 375
Austin, TX 78746
512.687.6119

ARCHITECT
RHODE PARTNERS
515 Congress Avenue, Suite 1600
Austin, TX 78701
512.473.0923 p

CIVIL ENGINEER
BURY + PARTNERS
221 W 6th Street Ste 600
Austin, Texas 78701
512.791.3311 p

STRUCTURAL ENGINEER
ARCHITECTURAL ENGINEERS COLLABORATIVE
106 East Sixth Street, Suite 450
Austin, Texas 78701
512.472.2111 p

MEP ENGINEER
EN-INCORPORATED
13581 Pond Springs Road, Suite 400
Austin, Texas 78729
512.918.9315 p

INTERIOR DESIGNER
KEATON INTERIORS
4901 Keller Springs Rd. Ste. 106B
Addison, TX 75001
972.233.9100

LANDSCAPE ARCHITECT
D CRAIN
1621 Willow Street
Austin, TX 78702
512.480.8008 p

DAVID EDWARD NICHOLS
110295
LICENSED
PROFESSIONAL ENGINEER
EN,INC. F-2473 06/12/13

IF THIS DOCUMENT IS NOT SIGNED, SEALED, AND DATED, IT MAY NOT BE USED FOR REGULATORY APPROVAL, PERMIT OR CONSTRUCTION

DESCRIPTION	DATE
100% SCHEMATIC DESIGN	02/06/2012
DD - INTERIM PRICING SET	03/30/2012
100% DESIGN DEVELOPMENT	05/04/2012
AECB REVIEW	05/31/2012
ISSUED FOR REVIEW AND PERMIT	08/11/2012
PERMIT RESPONSE 1	8/28/2012
95% CONSTRUCTION DOCUMENTS	10/05/2012
PERMIT RESPONSE 2	11/08/2012
AFD RESPONSE	01/22/2013
ISSUED FOR CONSTRUCTION	02/01/2013
ISSUED FOR CONSTRUCTION	02/07/2013
REVISION #7	05/20/2013
REVISION #8	06/12/2013

GARAGE - LEVEL 6 COLD WATER

PC2.6

PLUMBING LEGEND	
	DRAINWATER SUPPLY PIPING
2"	PIPE SIZE REVISION

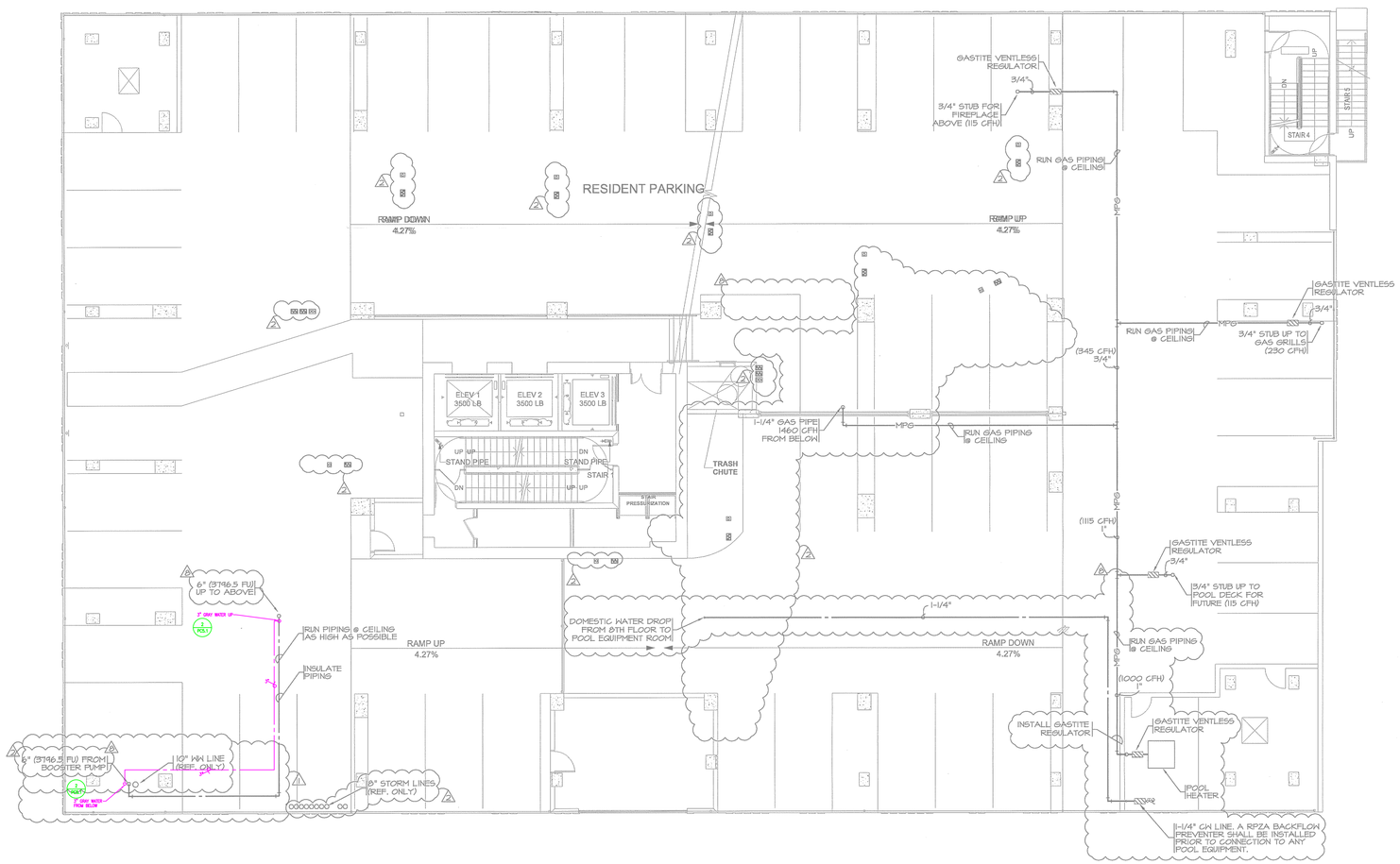
PLBG NOTES

1. ALL VERTICAL AND HORIZONTAL DOMESTIC WATER PIPING ABOVE FLOOR TO BE INSULATED - 1" FIBERGLASS INSULATION WITH VAPOR BARRIER.
2. SANITARY SEWER, FIRE PROTECTION LINE & DOMESTIC WATER SERVICE VARY AT EACH BLDG. CONTR. TO VERIFY EXACT SERVICE POINTS WITH CIVIL DRAWINGS & SITE UTILITY PLAN PRIOR TO INSTALLATION OF LINES.
3. REFER TO 1/4" SCALE TYPICAL UNIT PLANS FOR INDIVIDUAL UNIT WATER LAYOUTS.
4. ALL DOMESTIC WATER PIPING IN GARAGE SHALL BE INSULATED W/ 2" FIBERGLASS W/ ALL-PURPOSE JACKET.

1 - UPDATED BACKGROUND
- ADJUSTED PLUMBING
- CORRECTED NORTH ARROW

2 - UPDATED BACKGROUND
- ADJUSTED PLUMBING
- ADDED GAS PIPING

3 - CHANGED LOCATION OF POOL EQUIPMENT ROOM
- ADJUSTED PLUMBING
- CORRECTED BUILDING KEY



GARAGE - LEVEL 6 - COLD WATER & GAS
1/8" = 1'-0"

ALL PRESSURE VACUUM BREAKER, ALL DOUBLE CHECK VALVE ASSEMBLIES, ALL REDUCED PRESSURE ZONE BACKFLOW PREVENTERS SHALL BE TESTED BY A CERTIFIED TESTER UPON INSTALLATION AND A COPY OF THE TEST REPORT BE FILED WITH THE CITY OF AUSTIN.

BACKFLOW PREVENTION ASSEMBLIES SHALL:
A. HAVE FULL USC FCCCAHR APPROVAL
B. BE OPERATIONALLY TESTED BY A BACKFLOW TESTER REGISTERED W/WWW. PLEASE DIRECT QUESTIONS TOW/WW: SPECIAL SERVICES DIV. AT 972-1000

ALL PLUMBING
SHALL BE IN ACCORDANCE WITH CITY OF AUSTIN ADOPTED PLUMBING CODES.
REVIEWED WSW DATE 7-2-13
The granting of a permit for, or approval of these plans and specifications shall not be construed to be a permit for, or approval of, any violation of any of the provisions of the current adopted plumbing code or any other ordinance of the City of Austin.

BUILDING LEVEL KEY

ROOF	
LEVEL 24	LOFT UNITS (L2)
LEVEL 23	LOFT UNITS (L1)
LEVEL 22	TYPICAL UNITS
LEVEL 21	
LEVEL 20	
LEVEL 19	
LEVEL 18	
LEVEL 17	
LEVEL 16	
LEVEL 15	
LEVEL 14	
LEVEL 13	
LEVEL 12	
LEVEL 11	
LEVEL 10	
LEVEL 9	CLUB/ TERRACE UNITS
LEVEL 8	
LEVEL 6	PARKING GARAGE
LEVEL 5	
LEVEL 4	
LEVEL 3	
LEVEL 2	
LEVEL 1	
LEVEL G1	

NORTH

515 CONGRESS AVE
SUITE 1600
AUSTIN, TEXAS 78701
512.473.0923
512.473.0177

© RHODE PARTNERS, 2012

7th & Rio Grande Apartments

615 West 7th Street
Austin, Texas 78701

PROJECT NUMBER - 111009

OWNER
BOHRINGER HARVARD
CWS CAPITAL PARTNERS LLC
9606 N. Mopac Expwy, Suite 500
Austin, Texas 78759
512.837.3028 p

GENERAL CONTRACTOR
J.E. DUNN CONSTRUCTION
901 S. Mopac Expressway
Barton Oaks Plaza II , Ste. 375
Austin, TX 78746
512.687.6119

ARCHITECT
RHODE PARTNERS
515 Congress Avenue, Suite 1600
Austin, TX 78701
512.473.0923 p

CIVIL ENGINEER
BURY + PARTNERS
221 W 6th Street Ste 600
Austin, Texas 78701
512.791.3311 p

STRUCTURAL ENGINEER
ARCHITECTURAL ENGINEERS COLLABORATIVE
106 East Sixth Street, Suite 450
Austin, Texas 78701
512.472.2111 p

MEP ENGINEER
EN-INCORPORATED
13581 Pond Springs Road, Suite 400
Austin, Texas 78729
512.918.9315 p

INTERIOR DESIGNER
KEATON INTERIORS
4901 Keller Springs Rd. Ste. 106B
Addison, TX 75001
972.233.9100

LANDSCAPE ARCHITECT
D CRAIN
1621 Willow Street
Austin, TX 78702
512.480.8008 p

DAVID EDWARD NICHOLS
110295
LICENSED
PROFESSIONAL ENGINEER
EN,INC. F-2473 06/12/13

IF THIS DOCUMENT IS NOT SIGNED, SEALED, AND DATED, IT MAY NOT BE USED FOR REGULATORY APPROVAL, PERMIT OR CONSTRUCTION

DESCRIPTION	DATE
100% SCHEMATIC DESIGN	02/06/2012
DD - INTERIM PRICING SET	03/30/2012
100% DESIGN DEVELOPMENT	05/04/2012
AECB REVIEW	05/31/2012
ISSUED FOR REVIEW AND PERMIT	08/11/2012
PERMIT RESPONSE 1	8/28/2012
95% CONSTRUCTION DOCUMENTS	10/05/2012
PERMIT RESPONSE 2	11/08/2012
AFD RESPONSE	01/22/2013
ISSUED FOR CONSTRUCTION	02/01/2013
ISSUED FOR CONSTRUCTION	02/07/2013
REVISION #7	05/20/2013
REVISION #8	06/12/2013

GARAGE - LEVEL 6 COLD WATER

PC2.6

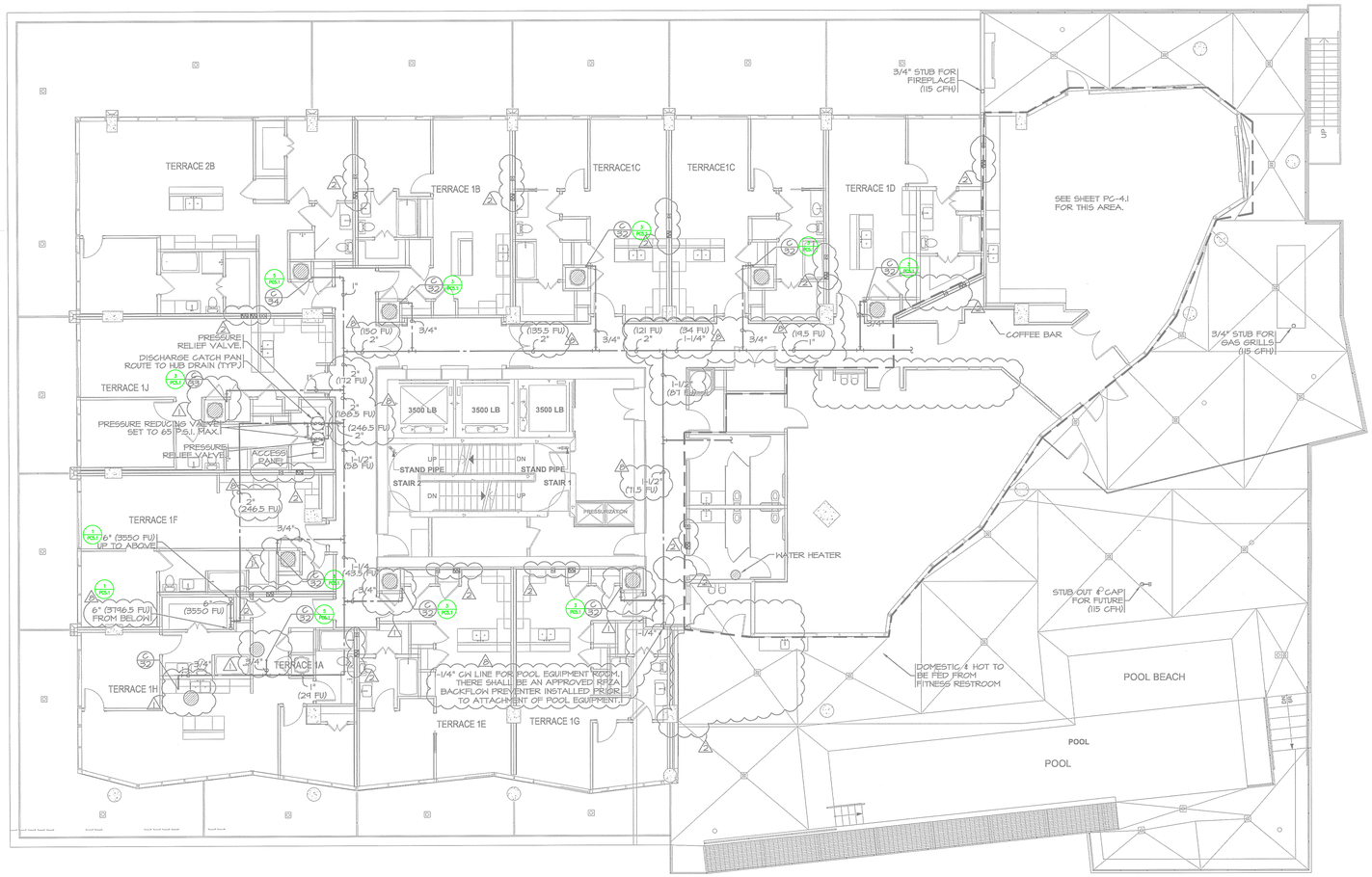
PLBG NOTES

1. ALL VERTICAL AND HORIZONTAL DOMESTIC WATER PIPING ABOVE FLOOR TO BE INSULATED - 1" FIBERGLASS INSULATION WITH VAPOR BARRIER.
2. SANITARY SEWER, FIRE PROTECTION LINE & DOMESTIC WATER SERVICE VARY AT EACH BLDG. CONTR. TO VERIFY EXACT SERVICE POINTS WITH CIVIL DRAWINGS & SITE UTILITY PLAN PRIOR TO INSTALLATION OF LINES.
3. REFER TO 1/4" SCALE TYPICAL UNIT PLANS FOR INDIVIDUAL UNIT WATER LAYOUTS.
4. ALL DOMESTIC WATER PIPING IN GARAGE SHALL BE INSULATED W/ 2" FIBERGLASS W/ ALL-PURPOSE JACKET.

1
- UPDATED BACKGROUND
- ADJUSTED PLUMBING
- CORRECTED NORTH ARROW

2
- UPDATED BACKGROUND
- ADDED CONDENSER LINE SETS FOR COORDINATION BETWEEN GM PLUMBING
- ADJUSTED COLD WATER PLUMBING
- ADDED GAS PIPING

3
- MOVED LOCATION OF POOL EQUIPMENT ROOM DROP.
- RESIZED PIPES.
- CORRECTED BUILDING KEY



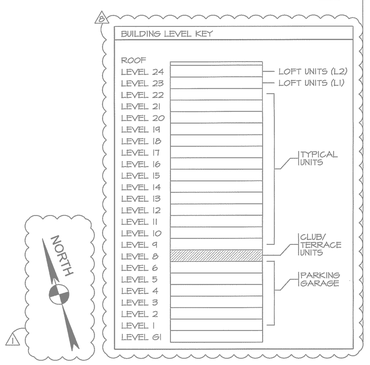
BUILDING - LEVEL 8 - COLD WATER & GAS

1/8" = 1'-0"

ALL PRESSURE VACUUM BREAKER, ALL DOUBLE CHECK VALVE ASSEMBLIES, ALL REDUCED PRESSURE ZONE BACKFLOW PREVENTERS SHALL BE TESTED BY A CERTIFIED TESTER UPON INSTALLATION AND A COPY OF THE TEST REPORT BE FILED WITH THE CITY OF AUSTIN.

BACKFLOW PREVENTION ASSEMBLIES SHALL:
A. HAVE FULL USC FCCCHR APPROVAL
B. BE OPERATIONALLY TESTED BY A BACKFLOW TESTER REGISTERED WWWW. PLEASE DIRECT QUESTIONS TOWWW. SPECIAL SERVICES DIV. AT 972-1080

ALL PLUMBING
SHALL BE IN ACCORDANCE WITH CITY OF AUSTIN ADOPTED PLUMBING CODES.
REVIEWED W. Sch DATE 7-2-13
The granting of a permit for, or approval of these plans and specifications shall not be construed to be a permit for, or approval of, any violation of any of the provisions of the currently adopted plumbing codes or any other ordinances or the laws of Texas.



515 CONGRESS AVE
SUITE 1600
AUSTIN, TEXAS 78701
512.473.0923
512.473.0177

© RHODE PARTNERS, 2012

7th & Rio Grande Apartments

615 West 7th Street
Austin, Texas 78701

PROJECT NUMBER - 111009

OWNER
BOHRINGER HARVARD
CWS CAPITAL PARTNERS LLC
9606 N. Mopac Expwy, Suite 500
Austin, Texas 78759
512.837.3028 p

GENERAL CONTRACTOR
J.E. DUNN CONSTRUCTION
901 S. Mopac Expressway
Barton Oaks Plaza II , Ste. 375
Austin, TX 78746
512.687.6119

ARCHITECT
RHODE PARTNERS
515 Congress Avenue, Suite 1600
Austin, TX 78701
512.473.0923 p

CIVIL ENGINEER
BURY + PARTNERS
221 W 6th Street Ste 600
Austin, Texas 78701
512.791.3311 p

STRUCTURAL ENGINEER
ARCHITECTURAL ENGINEERS COLLABORATIVE
106 East Sixth Street, Suite 450
Austin, Texas 78701
512.472.2111 p

MEP ENGINEER
EN-INCORPORATED
13581 Pond Srpings Road, Suite 400
Austin, Texas 78729
512.918.9315 p

INTERIOR DESIGNER
KEATON INTERIORS
4901 Keller Springs Rd. Ste. 106B
Addison, TX 75001
972.233.9100

LANDSCAPE ARCHITECT
D CRAIN
1621 Willow Street
Austin, TX 78702
512.480.8008 p

DAVID EDWARD NICHOLS
102295
LICENSED PROFESSIONAL ENGINEER
STATE OF TEXAS

EN,INC. F-2473 06/12/13

IF THIS DOCUMENT IS NOT SIGNED, SEALED, AND DATED, IT MAY NOT BE USED FOR REGULATORY APPROVAL, PERMIT OR CONSTRUCTION

DESCRIPTION	DATE
100% SCHEMATIC DESIGN	02/06/2012
DD - INTERIM PRICING SET	03/30/2012
100% DESIGN DEVELOPMENT	05/04/2012
AEGB REVIEW	05/31/2012
ISSUED FOR REVIEW AND PERMIT	06/11/2012
PERMIT RESPONSE 1	8/28/2012
95% CONSTRUCTION DOCUMENTS	10/05/2012
PERMIT RESPONSE 2	11/08/2012
AFD RESPONSE	01/22/2013
ISSUED FOR CONSTRUCTION	02/01/2013
ISSUED FOR CONSTRUCTION	02/07/2013
REVISION #7	05/20/2013
REVISION #8	06/12/2013

BUILDING - LEVEL 8 COLD WATER

PC2.8

PLUMBING LEGEND	
	GROUNWTER SUPPLY PIPING
2"	PIPE SIZE RUNSON

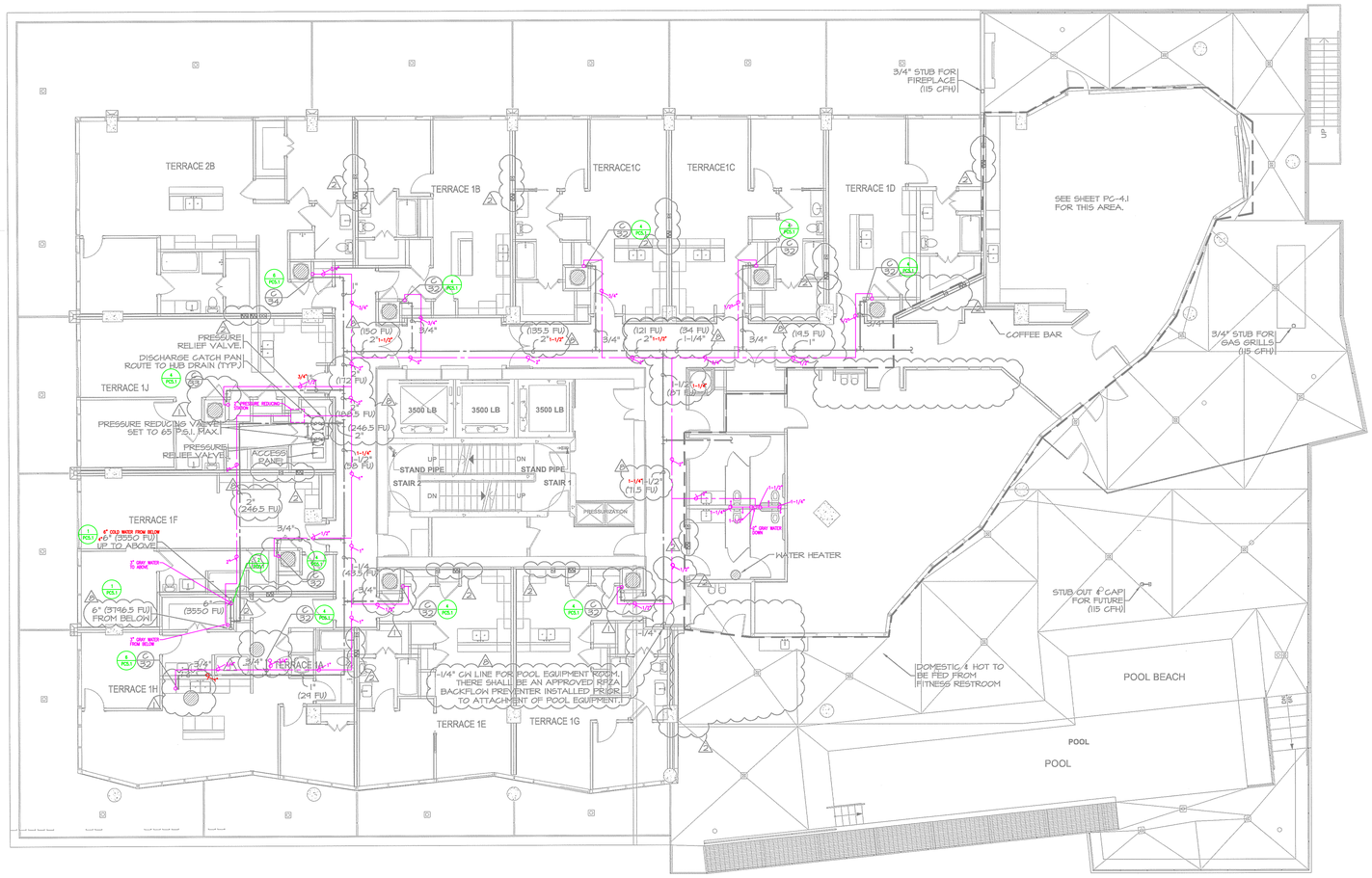
PLBG NOTES

1. ALL VERTICAL AND HORIZONTAL DOMESTIC WATER PIPING ABOVE FLOOR TO BE INSULATED - 1" FIBERGLASS INSULATION WITH VAPOR BARRIER.
2. SANITARY SEWER, FIRE PROTECTION LINE & DOMESTIC WATER SERVICE VARY AT EACH BLDG. CONTR. TO VERIFY EXACT SERVICE POINTS WITH CIVIL DRAWINGS & SITE UTILITY PLAN PRIOR TO INSTALLATION OF LINES.
3. REFER TO 1/4" SCALE TYPICAL UNIT PLANS FOR INDIVIDUAL UNIT WATER LAYOUTS.
4. ALL DOMESTIC WATER PIPING IN GARAGE SHALL BE INSULATED W/ 2" FIBERGLASS W/ ALL-PURPOSE JACKET.

1 - UPDATED BACKGROUND
- ADJUSTED PLUMBING
- CORRECTED NORTH ARROW

2 - UPDATED BACKGROUND
- ADDED CONDENSER LINE SETS FOR COORDINATION BETWEEN CW PLUMBING
- ADJUSTED COLD WATER PLUMBING
- ADDED GAS PIPING

3 - MOVED LOCATION OF POOL EQUIPMENT ROOM DROP.
- RESIZED PIPES.
- CORRECTED BUILDING KEY



BUILDING - LEVEL 8 - COLD WATER & GAS

1/8" = 1'-0"

ALL PRESSURE VACUUM BREAKER, ALL DOUBLE CHECK VALVE ASSEMBLIES, ALL REDUCED PRESSURE ZONE BACKFLOW PREVENTERS SHALL BE TESTED BY A CERTIFIED TESTER UPON INSTALLATION AND A COPY OF THE TEST REPORT BE FILED WITH THE CITY OF AUSTIN.

BACKFLOW PREVENTION ASSEMBLIES SHALL:
A. HAVE FULL USC FCCCHR APPROVAL
B. BE OPERATIONALLY TESTED BY A BACKFLOW TESTER REGISTERED W/WWW. PLEASE DIRECT QUESTIONS TOW/WW. SPECIAL SERVICES DIV. AT 972-1080

ALL PLUMBING
SHALL BE IN ACCORDANCE WITH CITY OF AUSTIN ADOPTED PLUMBING CODES.
REVIEWED W. Sch DATE 7-2-13
The granting of a permit for, or approval of these plans and specifications shall not be construed to be a permit for, or approval of, any violation of any of the provisions of the currently adopted plumbing code or any other ordinances or the laws of Texas.

BUILDING LEVEL KEY

ROOF
LEVEL 24
LEVEL 23
LEVEL 22
LEVEL 21
LEVEL 20
LEVEL 19
LEVEL 18
LEVEL 17
LEVEL 16
LEVEL 15
LEVEL 14
LEVEL 13
LEVEL 12
LEVEL 11
LEVEL 10
LEVEL 9
LEVEL 8
LEVEL 6
LEVEL 5
LEVEL 4
LEVEL 3
LEVEL 2
LEVEL 1
LEVEL B1

LOFT UNITS (L2)
LOFT UNITS (L1)
TYPICAL UNITS
CLUB/ TERRACE UNITS
PARKING GARAGE

NORTH

515 CONGRESS AVE
SUITE 1600
AUSTIN, TEXAS 78701
512.473.0923
512.473.0177

© RHODE PARTNERS, 2012

7th & Rio Grande Apartments

615 West 7th Street
Austin, Texas 78701

PROJECT NUMBER - 111009

OWNER
BOHRINGER HARVARD
CWS CAPITAL PARTNERS LLC
9606 N. Mopac Expwy, Suite 500
Austin, Texas 78759
512.837.3028 p

GENERAL CONTRACTOR
J.E. DUNN CONSTRUCTION
901 S. Mopac Expressway
Barton Oaks Plaza II , Ste. 375
Austin, TX 78746
512.687.6119

ARCHITECT
RHODE PARTNERS
515 Congress Avenue, Suite 1600
Austin, TX 78701
512.473.0923 p

CIVIL ENGINEER
BURY + PARTNERS
221 W 6th Street Ste 600
Austin, Texas 78701
512.791.3311 p

STRUCTURAL ENGINEER
ARCHITECTURAL ENGINEERS COLLABORATIVE
106 East Sixth Street, Suite 450
Austin, Texas 78701
512.472.2111 p

MEP ENGINEER
EN-INCORPORATED
13581 Pond Srpings Road, Suite 400
Austin, Texas 78729
512.918.9315 p

INTERIOR DESIGNER
KEATON INTERIORS
4901 Keller Springs Rd. Ste. 106B
Addison, TX 75001
972.233.9100

LANDSCAPE ARCHITECT
D CRAIN
1621 Willow Street
Austin, TX 78702
512.480.8008 p

EN,INC. F-2473 06/12/13

IF THIS DOCUMENT IS NOT SIGNED, SEALED, AND DATED, IT MAY NOT BE USED FOR REGULATORY APPROVAL, PERMIT OR CONSTRUCTION

DESCRIPTION	DATE
100% SCHEMATIC DESIGN	02/06/2012
DD - INTERIM PRICING SET	03/30/2012
100% DESIGN DEVELOPMENT	05/04/2012
AEGB REVIEW	05/31/2012
ISSUED FOR REVIEW AND PERMIT	06/11/2012
PERMIT RESPONSE 1	8/28/2012
95% CONSTRUCTION DOCUMENTS	10/05/2012
PERMIT RESPONSE 2	11/08/2012
AFD RESPONSE	01/22/2013
ISSUED FOR CONSTRUCTION	02/01/2013
ISSUED FOR CONSTRUCTION	02/07/2013
REVISION #7	05/20/2013
REVISION #8	06/12/2013

BUILDING - LEVEL 8 COLD WATER

PC2.8

PLBG NOTES

1. ALL VERTICAL AND HORIZONTAL DOMESTIC WATER PIPING ABOVE FLOOR TO BE INSULATED - 1" FIBERGLASS INSULATION WITH VAPOR BARRIER.
2. SANITARY SEWER, FIRE PROTECTION LINE & DOMESTIC WATER SERVICE VARY AT EACH BLDG. CONTR. TO VERIFY EXACT SERVICE POINTS WITH CIVIL DRAWINGS & SITE UTILITY PLAN PRIOR TO INSTALLATION OF LINES.
3. REFER TO 1/4" SCALE TYPICAL UNIT PLANS FOR INDIVIDUAL UNIT WATER LAYOUTS.
4. ALL DOMESTIC WATER PIPING IN GARAGE SHALL BE INSULATED W/ 2" FIBERGLASS W/ ALL-PURPOSE JACKET.

BUILDING - LEVEL 9 - COLD WATER

1/8" = 1'-0"

- UPDATED BACKGROUND
- ADJUSTED PLUMBING
- CORRECTED NORTH ARROW

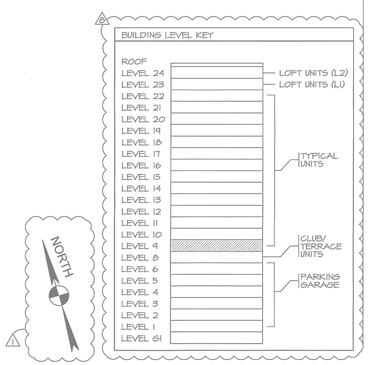
- UPDATED BACKGROUND
- ADDED CONDENSER LINE SETS FOR COORDINATION BETWEEN GA PLUMBING

- CORRECTED BUILDING KEY

ALL PLUMBING SHALL BE IN ACCORDANCE WITH CITY OF AUSTIN ADOPTED PLUMBING CODES.

REVIEWED WSW DATE 7-2-13

The granting of a permit for, or approval of these plans and specifications shall not be construed to be a permit for, or approval of, any violation of any of the provisions of the currently adopted plumbing code or any other ordinance of the City of Austin.



515 CONGRESS AVE
SUITE 1600
AUSTIN, TEXAS 78701

512.473.0923
512.473.0177

© RHODE PARTNERS, 2012

7th & Rio Grande Apartments

615 West 7th Street
Austin, Texas 78701

PROJECT NUMBER - 111009

OWNER
BEHRINGER HARVARD
CWS CAPITAL PARTNERS LLC
9606 N. Mopac Expwy, Suite 500
Austin, Texas 78759
512.837.3028 p

GENERAL CONTRACTOR
J.E. DUNN CONSTRUCTION
901 S. Mopac Expressway
Barton Oaks Plaza II , Ste. 375
Austin, TX 78746
512.657.6119

ARCHITECT
RHODE PARTNERS
515 Congress Avenue, Suite 1600
Austin, TX 78701
512.473.0923 p

CIVIL ENGINEER
BURY + PARTNERS
221 W 6th Street Ste 600
Austin, Texas 78701
512.791.3311 p

STRUCTURAL ENGINEER
ARCHITECTURAL ENGINEERS COLLABORATIVE
106 East Sixth Street, Suite 450
Austin, Texas 78701
512.472.2111 p

MEP ENGINEER
EN-INCORPORATED
13581 Pond Srpings Road, Suite 400
Austin, Texas 78729
512.918.9315 p

INTERIOR DESIGNER
KEATON INTERIORS
4901 Keller Springs Rd. Ste. 108B
Addison, TX 75001
972.233.9100

LANDSCAPE ARCHITECT
D CRAIN
1621 Willow Street
Austin, TX 78702
512.480.8008 p

EN,INC. F-2473 06/12/13

IF THIS DOCUMENT IS NOT SIGNED, SEALED, AND DATED, IT MAY NOT BE USED FOR REGULATORY APPROVAL, PERMIT OR CONSTRUCTION

DESCRIPTION	DATE
100% SCHEMATIC DESIGN	02/08/2012
DD - INTERIM PRICING SET	03/30/2012
100% DESIGN DEVELOPMENT	05/04/2012
AEGB REVIEW	05/31/2012
ISSUED FOR REVIEW AND PERMIT	06/11/2012
PERMIT RESPONSE 1	8/28/2012
95% CONSTRUCTION DOCUMENTS	10/05/2012
PERMIT RESPONSE 2	11/08/2012
AFD RESPONSE	01/22/2013
ISSUED FOR CONSTRUCTION	02/01/2013
ISSUED FOR CONSTRUCTION	02/07/2013
REVISION #7	05/20/2013
REVISION #8	05/12/2013

BUILDING - LEVEL 9 COLD WATER

PC2.9

PLBG NOTES

1. ALL VERTICAL AND HORIZONTAL DOMESTIC WATER PIPING ABOVE FLOOR TO BE INSULATED - 1" FIBERGLASS INSULATION WITH VAPOR BARRIER.
2. SANITARY SEWER, FIRE PROTECTION LINE & DOMESTIC WATER SERVICE VARY AT EACH BLDG. CONTR. TO VERIFY EXACT SERVICE POINTS WITH CIVIL DRAWINGS & SITE UTILITY PLAN PRIOR TO INSTALLATION OF LINES.
3. REFER TO 1/4" SCALE TYPICAL UNIT PLANS FOR INDIVIDUAL UNIT WATER LAYOUTS.
4. ALL DOMESTIC WATER PIPING IN GARAGE SHALL BE INSULATED W/ 2" FIBERGLASS W/ ALL-PURPOSE JACKET.

BUILDING - LEVEL 9 - COLD WATER

1/8" = 1'-0"

- UPDATED BACKGROUND
- ADJUSTED PLUMBING
- CORRECTED NORTH ARROW

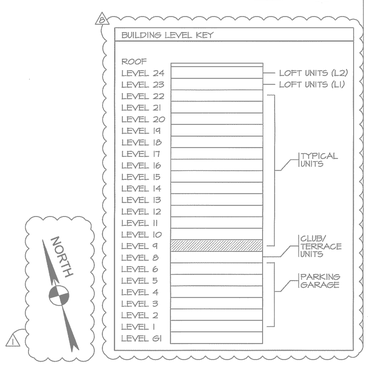
- UPDATED BACKGROUND
- ADDED CONDENSER LINE SETS FOR COORDINATION BETWEEN GA PLUMBING

- CORRECTED BUILDING KEY

ALL PLUMBING SHALL BE IN ACCORDANCE WITH CITY OF AUSTIN ADOPTED PLUMBING CODES.

REVIEWED WSW DATE 7-2-13

The granting of a permit for, or approval of these plans and specifications shall not be construed to be a permit for, or approval of, any violation of any of the provisions of the currently adopted plumbing code or any other ordinance of the City of Austin.



515 CONGRESS AVE
SUITE 1600
AUSTIN, TEXAS 78701

512.473.0923
512.473.0177

© RHODE PARTNERS, 2012

7th & Rio Grande Apartments

615 West 7th Street
Austin, Texas 78701

PROJECT NUMBER - 111009

OWNER
BEHRINGER HARVARD
CWS CAPITAL PARTNERS LLC
9606 N. Mopac Expwy, Suite 500
Austin, Texas 78759
512.837.3028 p

GENERAL CONTRACTOR
J.E. DUNN CONSTRUCTION
901 S. Mopac Expressway
Barton Oaks Plaza II , Ste. 375
Austin, TX 78746
512.657.6119

ARCHITECT
RHODE PARTNERS
515 Congress Avenue, Suite 1600
Austin, TX 78701
512.473.0923 p

CIVIL ENGINEER
BURY + PARTNERS
221 W 6th Street Ste 600
Austin, Texas 78701
512.791.3311 p

STRUCTURAL ENGINEER
ARCHITECTURAL ENGINEERS COLLABORATIVE
106 East Sixth Street, Suite 450
Austin, Texas 78701
512.472.2111 p

MEP ENGINEER
EN-INCORPORATED
13581 Pond Srpings Road, Suite 400
Austin, Texas 78729
512.918.9315 p

INTERIOR DESIGNER
KEATON INTERIORS
4901 Keller Springs Rd. Ste. 108B
Addison, TX 75001
972.233.9100

LANDSCAPE ARCHITECT
D CRAIN
1621 Willow Street
Austin, TX 78702
512.480.8008 p

EN,INC. F-2473 06/12/13

IF THIS DOCUMENT IS NOT SIGNED, SEALED, AND DATED, IT MAY NOT BE USED FOR REGULATORY APPROVAL, PERMIT OR CONSTRUCTION

DESCRIPTION	DATE
100% SCHEMATIC DESIGN	02/08/2012
DD - INTERIM PRICING SET	03/30/2012
100% DESIGN DEVELOPMENT	05/04/2012
AEGB REVIEW	05/31/2012
ISSUED FOR REVIEW AND PERMIT	06/11/2012
PERMIT RESPONSE 1	8/28/2012
95% CONSTRUCTION DOCUMENTS	10/05/2012
PERMIT RESPONSE 2	11/08/2012
AFD RESPONSE	01/22/2013
ISSUED FOR CONSTRUCTION	02/01/2013
ISSUED FOR CONSTRUCTION	02/07/2013
REVISION #7	05/20/2013
REVISION #8	06/12/2013

BUILDING - LEVEL 9 COLD WATER

PC2.9

PLBG NOTES

1. ALL VERTICAL AND HORIZONTAL DOMESTIC WATER PIPING ABOVE FLOOR TO BE INSULATED - 1" FIBERGLASS INSULATION WITH VAPOR BARRIER.
2. SANITARY SEWER, FIRE PROTECTION LINE & DOMESTIC WATER SERVICE VARY AT EACH BLDG. CONTR. TO VERIFY EXACT SERVICE POINTS WITH CIVIL DRAWINGS & SITE UTILITY PLAN PRIOR TO INSTALLATION OF LINES.
3. REFER TO 1/4" SCALE TYPICAL UNIT PLANS FOR INDIVIDUAL UNIT WATER LAYOUTS.
4. ALL DOMESTIC WATER PIPING IN GARAGE SHALL BE INSULATED W/ 2" FIBERGLASS W/ ALL-PURPOSE JACKET.

1 - UPDATED BACKGROUND
- ADJUSTED PLUMBING
- CORRECTED NORTH ARROW

2 - UPDATED BACKGROUND
- ADDED CONDENSER LINE SETS FOR COORDINATION BETWEEN GA PLUMBING

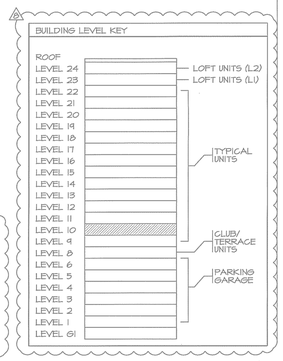
3 - CORRECTED BUILDING KEY

BUILDING - LEVEL 10 - COLD WATER

1/8" = 1'-0"

ALL PLUMBING
SHALL BE IN ACCORDANCE WITH CITY OF AUSTIN ADOPTED PLUMBING CODES.
REVIEWED WSW DATE 7-2-13
The granting of a permit for, or approval of these plans and specifications shall not be construed to be a permit for, or approval of, any violation of any of the provisions of the currently adopted plumbing code or any other ordinances of the City of Austin.

BUILDING LEVEL KEY



515 CONGRESS AVE
SUITE 1600
AUSTIN, TEXAS 78701

512.473.0923
512.473.9177

© RHODE PARTNERS, 2012

7th & Rio Grande Apartments

615 West 7th Street
Austin, Texas 78701

PROJECT NUMBER - 111009

OWNER
BEHRINGER HARVARD
CWS CAPITAL PARTNERS LLC
9606 N. Mopac Expwy, Suite 500
Austin, Texas 78759
512.837.3028 p

GENERAL CONTRACTOR
J.E. DUNN CONSTRUCTION
901 S. Mopac Expressway
Barton Oaks Plaza II , Ste. 375
Austin, TX 78746
512.687.6119

ARCHITECT
RHODE PARTNERS
515 Congress Avenue, Suite 1600
Austin, TX 78701
512.473.0923 p

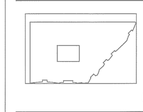
CIVIL ENGINEER
BURY + PARTNERS
221 W 6th Street Ste 600
Austin, Texas 78701
512.791.3311 p

STRUCTURAL ENGINEER
ARCHITECTURAL ENGINEERS COLLABORATIVE
106 East Sixth Street, Suite 450
Austin, Texas 78701
512.472.2111 p

MEP ENGINEER
EN-INCORPORATED
13581 Pond Srpings Road, Suite 400
Austin, Texas 78729
512.918.9315 p

INTERIOR DESIGNER
KEATON INTERIORS
4901 Keller Springs Rd. Ste. 106B
Addison, TX 75001
972.233.9100

LANDSCAPE ARCHITECT
D CRAIN
1621 Willow Street
Austin, TX 78702
512.480.8008 p



EN,INC. F-2473 06/12/13

IF THIS DOCUMENT IS NOT SIGNED, SEALED, AND DATED, IT MAY NOT BE USED FOR REGULATORY APPROVAL, PERMIT OR CONSTRUCTION

DESCRIPTION	DATE
100% SCHEMATIC DESIGN	02/06/2012
DD - INTERIM PRICING SET	03/30/2012
100% DESIGN DEVELOPMENT	05/04/2012
AEGB REVIEW	05/31/2012
ISSUED FOR REVIEW AND PERMIT	06/11/2012
PERMIT RESPONSE 1	8/28/2012
95% CONSTRUCTION DOCUMENTS	10/05/2012
PERMIT RESPONSE 2	11/08/2012
AFD RESPONSE	01/22/2013
ISSUED FOR CONSTRUCTION	02/01/2013
ISSUED FOR CONSTRUCTION	02/07/2013
REVISION #7	05/20/2013
REVISION #8	06/12/2013

BUILDING - LEVEL 10 COLD WATER

PC2.10

PLUMBING LEGEND	
	DRAIN/VENT SUPPLY PIPING
2"	PIPE SIZE REVISION

PLBG NOTES

1. ALL VERTICAL AND HORIZONTAL DOMESTIC WATER PIPING ABOVE FLOOR TO BE INSULATED - 1" FIBERGLASS INSULATION WITH VAPOR BARRIER.
2. SANITARY SEWER, FIRE PROTECTION LINE & DOMESTIC WATER SERVICE VARY AT EACH BLDG. CONTR. TO VERIFY EXACT SERVICE POINTS WITH CIVIL DRAWINGS & SITE UTILITY PLAN PRIOR TO INSTALLATION OF LINES.
3. REFER TO 1/4" SCALE TYPICAL UNIT PLANS FOR INDIVIDUAL UNIT WATER LAYOUTS.
4. ALL DOMESTIC WATER PIPING IN GARAGE SHALL BE INSULATED W/ 2" FIBERGLASS W/ ALL-PURPOSE JACKET.

1 - UPDATED BACKGROUND
- ADJUSTED PLUMBING
- CORRECTED NORTH ARROW

2 - UPDATED BACKGROUND
- ADDED CONDENSER LINE SETS FOR COORDINATION BETWEEN GA PLUMBING

3 - CORRECTED BUILDING KEY

BUILDING - LEVEL 10 - COLD WATER

1/8" = 1'-0"

ALL PLUMBING
SHALL BE IN ACCORDANCE WITH CITY OF AUSTIN ADOPTED PLUMBING CODES.
REVIEWED WSW DATE 7-2-13
The granting of a permit for, or approval of these plans and specifications shall not be construed to be a permit for, or approval of, any violation of any of the provisions of the currently adopted plumbing code or any other ordinances of the City of Austin.

BUILDINGS LEVEL KEY

ROOF
LEVEL 24
LEVEL 23
LEVEL 22
LEVEL 21
LEVEL 20
LEVEL 19
LEVEL 18
LEVEL 17
LEVEL 16
LEVEL 15
LEVEL 14
LEVEL 13
LEVEL 12
LEVEL 11
LEVEL 10
LEVEL 9
LEVEL 8
LEVEL 6
LEVEL 5
LEVEL 4
LEVEL 3
LEVEL 2
LEVEL 1
LEVEL G1

LOFT UNITS (L2)
LOFT UNITS (L1)
TYPICAL UNITS
CLUB/ TERRACE UNITS
PARKING GARAGE

NORTH

515 CONGRESS AVE
SUITE 1600
AUSTIN, TEXAS 78701

512.473.0923
512.473.9177

© RHODE PARTNERS, 2012

7th & Rio Grande Apartments

615 West 7th Street
Austin, Texas 78701

PROJECT NUMBER - 111009

OWNER
BEHRINGER HARVARD
CWS CAPITAL PARTNERS LLC
9606 N. Mopac Expwy, Suite 500
Austin, Texas 78759
512.837.3028 p

GENERAL CONTRACTOR
J.E. DUNN CONSTRUCTION
901 S. Mopac Expressway
Barton Oaks Plaza II , Ste. 375
Austin, TX 78746
512.687.6119

ARCHITECT
RHODE PARTNERS
515 Congress Avenue, Suite 1600
Austin, TX 78701
512.473.0923 p

CIVIL ENGINEER
BURY + PARTNERS
221 W 6th Street Ste 600
Austin, Texas 78701
512.791.3311 p

STRUCTURAL ENGINEER
ARCHITECTURAL ENGINEERS COLLABORATIVE
106 East Sixth Street, Suite 450
Austin, Texas 78701
512.472.2111 p

MEP ENGINEER
EN-INCORPORATED
13581 Pond Srpings Road, Suite 400
Austin, Texas 78729
512.918.9315 p

INTERIOR DESIGNER
KEATON INTERIORS
4901 Keller Springs Rd. Ste. 106B
Addison, TX 75001
972.233.9100

LANDSCAPE ARCHITECT
D CRAIN
1621 Willow Street
Austin, TX 78702
512.480.8008 p

DAVID EDWARD NICHOLS
102298
LICENSED
PROFESSIONAL ENGINEER

EN,INC. F-2473 06/12/13

IF THIS DOCUMENT IS NOT SIGNED, SEALED, AND DATED, IT MAY NOT BE USED FOR REGULATORY APPROVAL, PERMIT OR CONSTRUCTION

DESCRIPTION	DATE
100% SCHEMATIC DESIGN	02/06/2012
DD - INTERIM PRICING SET	03/30/2012
100% DESIGN DEVELOPMENT	05/04/2012
AEGB REVIEW	05/31/2012
ISSUED FOR REVIEW AND PERMIT	06/11/2012
PERMIT RESPONSE 1	8/28/2012
95% CONSTRUCTION DOCUMENTS	10/05/2012
PERMIT RESPONSE 2	11/08/2012
AFD RESPONSE	01/22/2013
ISSUED FOR CONSTRUCTION	02/01/2013
ISSUED FOR CONSTRUCTION	02/07/2013
REVISION #7	05/20/2013
REVISION #8	06/12/2013

BUILDING - LEVEL 10 COLD WATER

PC2.10

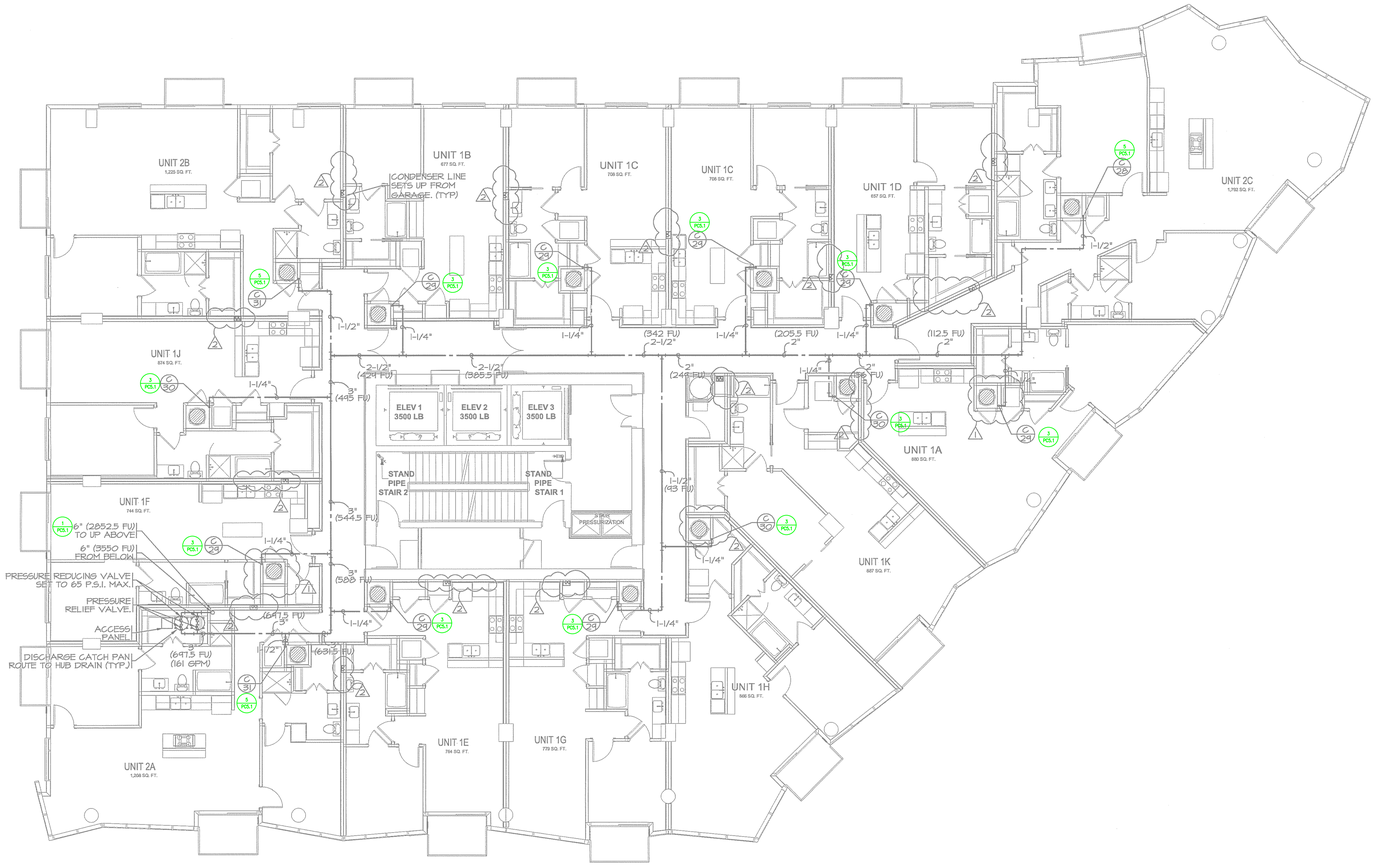
PLBG NOTES

1. ALL VERTICAL AND HORIZONTAL DOMESTIC WATER PIPING ABOVE FLOOR TO BE INSULATED - 1" FIBERGLASS INSULATION WITH VAPOR BARRIER.
2. SANITARY SEWER, FIRE PROTECTION LINE & DOMESTIC WATER SERVICE VARY AT EACH BLDG. CONTR. TO VERIFY EXACT SERVICE POINTS WITH CIVIL DRAWINGS & SITE UTILITY PLAN PRIOR TO INSTALLATION OF LINES.
3. REFER TO 1/4" SCALE TYPICAL UNIT PLANS FOR INDIVIDUAL UNIT WATER LAYOUTS.
4. ALL DOMESTIC WATER PIPING IN GARAGE SHALL BE INSULATED W/ 2" FIBERGLASS W/ ALL-PURPOSE JACKET.

1 - UPDATED BACKGROUND
- ADJUSTED PLUMBING
- CORRECTED NORTH ARROW

2 - UPDATED BACKGROUND
- ADDED CONDENSER LINE SETS FOR COORDINATION BETWEEN GM PLUMBING

3 - CORRECTED BUILDING KEY



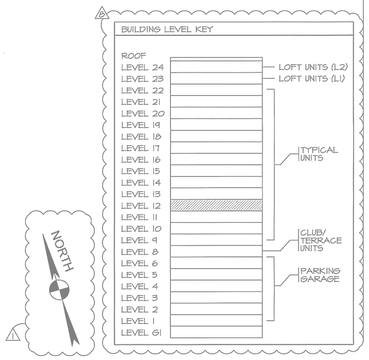
BUILDING - LEVEL 11 - COLD WATER

1/8" = 1'-0"

ALL PLUMBING SHALL BE IN ACCORDANCE WITH CITY OF AUSTIN ADOPTED PLUMBING CODES.

REVIEWED [signature] DATE 7-2-13

The granting of a permit or approval of these plans and specifications shall not be construed to be a permit for, or approval of, any violation of any of the provisions of the currently adopted plumbing code or any other ordinance of the City of Austin.



515 CONGRESS AVE
SUITE 1600
AUSTIN, TEXAS 78701

512.473.0923

512.473.0177

© RHODE PARTNERS, 2012

7th & Rio Grande Apartments

615 West 7th Street
Austin, Texas 78701

PROJECT NUMBER - 111009

OWNER
BEHRINGER HARVARD
CWS CAPITAL PARTNERS LLC
9606 N. Mopac Expwy, Suite 500
Austin, Texas 78759
512.837.3028 p

GENERAL CONTRACTOR
J.E. DUNN CONSTRUCTION
901 S. Mopac Expressway
Barton Oaks Plaza II , Ste. 375
Austin, TX 78746
512.887.6119

ARCHITECT
RHODE PARTNERS
515 Congress Avenue, Suite 1600
Austin, TX 78701
512.473.0923 p

CIVIL ENGINEER
BURY + PARTNERS
221 W 6th Street Ste 600
Austin, Texas 78701
512.791.3311 p

STRUCTURAL ENGINEER
ARCHITECTURAL ENGINEERS COLLABORATIVE
106 East Sixth Street, Suite 450
Austin, Texas 78701
512.472.2111 p

MEP ENGINEER
EN-INCORPORATED
13581 Pond Srpings Road, Suite 400
Austin, Texas 78729
512.918.9315 p

INTERIOR DESIGNER
KEATON INTERIORS
4901 Keller Springs Rd. Ste. 108B
Addison, TX 75001
972.233.9100

LANDSCAPE ARCHITECT
D CRAIN
1621 Willow Street
Austin, TX 78702
512.480.8008 p

EN,INC. F-2473 06/12/13

IF THIS DOCUMENT IS NOT SIGNED, SEALED, AND DATED, IT MAY NOT BE USED FOR REGULATORY APPROVAL, PERMIT OR CONSTRUCTION

DESCRIPTION	DATE
100% SCHEMATIC DESIGN	02/06/2012
DD - INTERIM PRICING SET	03/30/2012
100% DESIGN DEVELOPMENT	05/04/2012
AEGB REVIEW	05/31/2012
ISSUED FOR REVIEW AND PERMIT	06/11/2012
PERMIT RESPONSE 1	8/28/2012
95% CONSTRUCTION DOCUMENTS	10/05/2012
PERMIT RESPONSE 2	11/08/2012
AFD RESPONSE	01/22/2013
ISSUED FOR CONSTRUCTION	02/01/2013
ISSUED FOR CONSTRUCTION	02/07/2013
REVISION #7	05/20/2013
REVISION #8	06/12/2013

BUILDING - LEVEL 11 COLD WATER

PC2.11

PLUMBING LEGEND	
	DOMESTIC SUPPLY PIPING
2"	PIPE SIZE REVISION

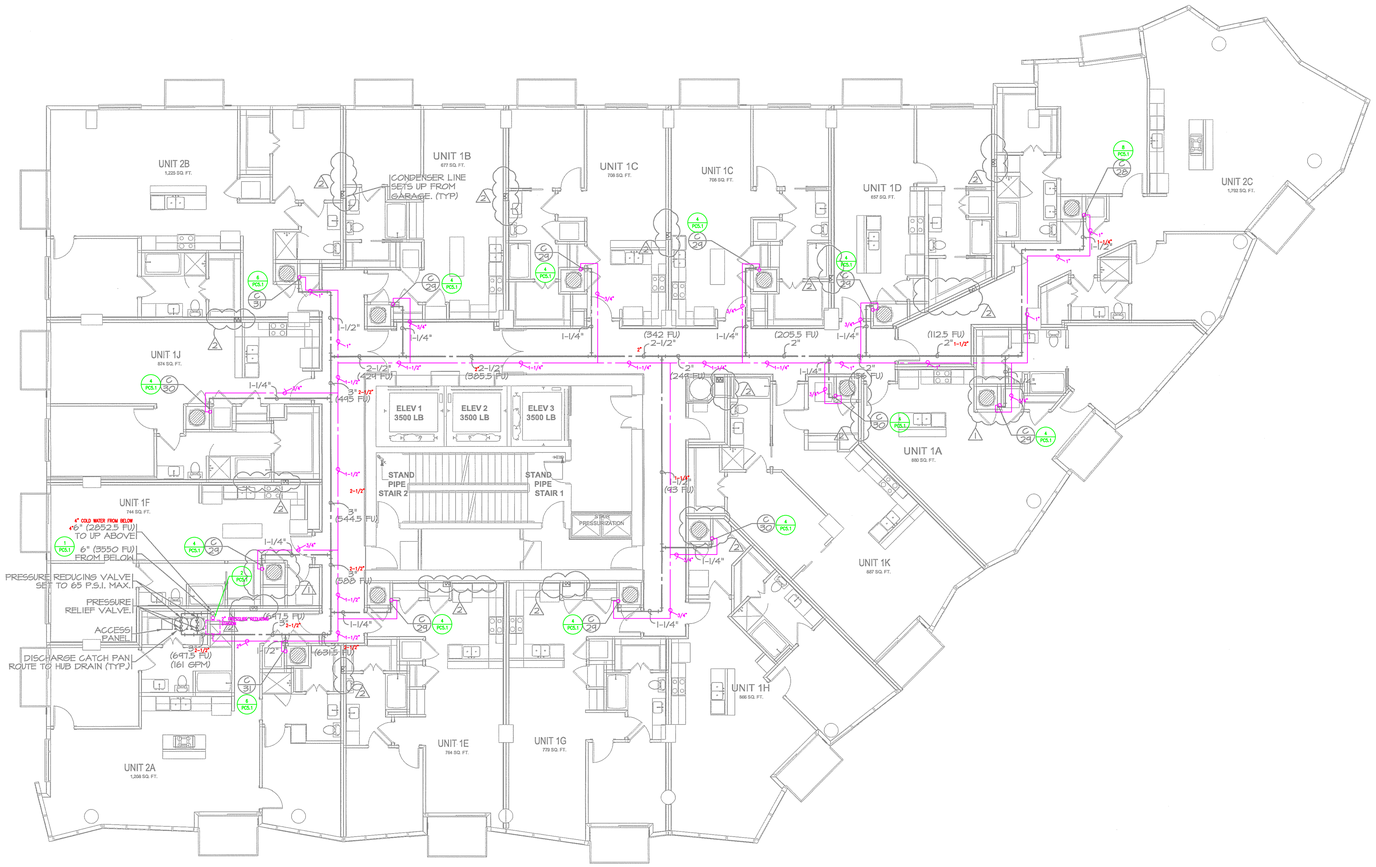
PLBG NOTES

1. ALL VERTICAL AND HORIZONTAL DOMESTIC WATER PIPING ABOVE FLOOR TO BE INSULATED - 1" FIBERGLASS INSULATION WITH VAPOR BARRIER.
2. SANITARY SEWER, FIRE PROTECTION LINE & DOMESTIC WATER SERVICE VARY AT EACH BLDG. CONTR. TO VERIFY EXACT SERVICE POINTS WITH CIVIL DRAWINGS & SITE UTILITY PLAN PRIOR TO INSTALLATION OF LINES.
3. REFER TO 1/4" SCALE TYPICAL UNIT PLANS FOR INDIVIDUAL UNIT WATER LAYOUTS.
4. ALL DOMESTIC WATER PIPING IN GARAGE SHALL BE INSULATED W/ 2" FIBERGLASS W/ ALL-PURPOSE JACKET.

1 - UPDATED BACKGROUND
- ADJUSTED PLUMBING
- CORRECTED NORTH ARROW

2 - UPDATED BACKGROUND
- ADDED CONDENSER LINE SETS FOR COORDINATION BETWEEN GM PLUMBING

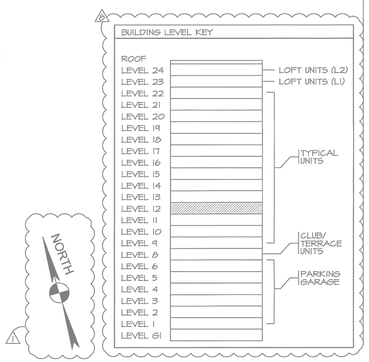
3 - CORRECTED BUILDING KEY



BUILDING - LEVEL 11 - COLD WATER

1/8" = 1'-0"

ALL PLUMBING SHALL BE IN ACCORDANCE WITH CITY OF AUSTIN ADOPTED PLUMBING CODES.
REVIEWED WSU DATE 7-2-13
The granting of a permit or approval of these plans and specifications shall not be construed to be a permit for, or approval of, any violation of any of the provisions of the currently adopted plumbing code or any other ordinance of the City of Austin.



515 CONGRESS AVE
SUITE 1600
AUSTIN, TEXAS 78701

512.473.0923

512.473.9177

© RHODE PARTNERS, 2012

7th & Rio Grande Apartments

615 West 7th Street
Austin, Texas 78701

PROJECT NUMBER - 111009

OWNER
BEHRINGER HARVARD
CWS CAPITAL PARTNERS LLC
9606 N. Mopac Expwy, Suite 500
Austin, Texas 78759
512.837.3028 p

GENERAL CONTRACTOR
J.E. DUNN CONSTRUCTION
901 S. Mopac Expressway
Barton Oaks Plaza II , Ste. 375
Austin, TX 78746
512.887.6119

ARCHITECT
RHODE PARTNERS
515 Congress Avenue, Suite 1600
Austin, TX 78701
512.473.0923 p

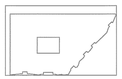
CIVIL ENGINEER
BURY + PARTNERS
221 W 6th Street Ste 600
Austin, Texas 78701
512.791.3311 p

STRUCTURAL ENGINEER
ARCHITECTURAL ENGINEERS COLLABORATIVE
106 East Sixth Street, Suite 450
Austin, Texas 78701
512.472.2111 p

MEP ENGINEER
EN-INCORPORATED
13581 Pond Srpings Road, Suite 400
Austin, Texas 78729
512.918.9315 p

INTERIOR DESIGNER
KEATON INTERIORS
4901 Keller Springs Rd. Ste. 108B
Addison, TX 75001
972.233.9100

LANDSCAPE ARCHITECT
D CRAIN
1621 Willow Street
Austin, TX 78702
512.480.8008 p



EN,INC. F-2473 06/12/13

IF THIS DOCUMENT IS NOT SIGNED, SEALED, AND DATED, IT MAY NOT BE USED FOR REGULATORY APPROVAL, PERMIT OR CONSTRUCTION

DESCRIPTION	DATE
100% SCHEMATIC DESIGN	02/08/2012
DD - INTERIM PRICING SET	03/30/2012
100% DESIGN DEVELOPMENT	05/04/2012
AEGB REVIEW	05/31/2012
ISSUED FOR REVIEW AND PERMIT	06/11/2012
PERMIT RESPONSE 1	8/28/2012
95% CONSTRUCTION DOCUMENTS	10/05/2012
PERMIT RESPONSE 2	11/08/2012
AFD RESPONSE	01/22/2013
ISSUED FOR CONSTRUCTION	02/01/2013
ISSUED FOR CONSTRUCTION	02/07/2013
REVISION #7	05/20/2013
REVISION #8	06/12/2013

BUILDING - LEVEL 11 COLD WATER

PC2.11

PLBG NOTES

1. ALL VERTICAL AND HORIZONTAL DOMESTIC WATER PIPING ABOVE FLOOR TO BE INSULATED - 1" FIBERGLASS INSULATION WITH VAPOR BARRIER.
2. SANITARY SEWER, FIRE PROTECTION LINE & DOMESTIC WATER SERVICE VARY AT EACH BLDG. CONTR. TO VERIFY EXACT SERVICE POINTS WITH CIVIL DRAWINGS & SITE UTILITY PLAN PRIOR TO INSTALLATION OF LINES.
3. REFER TO 1/4" SCALE TYPICAL UNIT PLANS FOR INDIVIDUAL UNIT WATER LAYOUTS.
4. ALL DOMESTIC WATER PIPING IN GARAGE SHALL BE INSULATED W/ 2" FIBERGLASS W/ ALL-PURPOSE JACKET.

1 - UPDATED BACKGROUND
- ADJUSTED PLUMBING
- CORRECTED NORTH ARROW

2 - UPDATED BACKGROUND
- ADDED CONDENSER LINE SETS FOR COORDINATION BETWEEN CIV PLUMBING

3 - CORRECTED BUILDING KEY

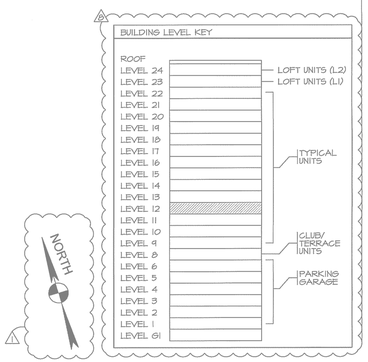
BUILDING - LEVEL 12 - COLD WATER

1/8" = 1'-0"

ALL PLUMBING SHALL BE IN ACCORDANCE WITH CITY OF AUSTIN ADOPTED PLUMBING CODES.

REVIEWED WKW DATE 7-2-13

The granting of a permit for, or approval of these plans and specifications shall not be construed to be a permit for, or approval of, any violation of any of the provisions of the currently adopted plumbing code or any other ordinance of the City of Austin.



515 CONGRESS AVE
SUITE 1600
AUSTIN, TEXAS 78701

512.473.0923
512.473.0177

© RHODE PARTNERS, 2012

7th & Rio Grande Apartments

615 West 7th Street
Austin, Texas 78701

PROJECT NUMBER - 111009

OWNER
BEHRINGER HARVARD
CWS CAPITAL PARTNERS LLC
9606 N. Mopac Expwy, Suite 500
Austin, Texas 78759
512.837.3028 p

GENERAL CONTRACTOR
J.E. DUNN CONSTRUCTION
901 S. Mopac Expressway
Barton Oaks Plaza II , Ste. 375
Austin, TX 78746
512.687.6119

ARCHITECT
RHODE PARTNERS
515 Congress Avenue, Suite 1600
Austin, TX 78701
512.473.0923 p

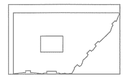
CIVIL ENGINEER
BURY + PARTNERS
221 W 6th Street Ste 600
Austin, Texas 78701
512.791.3311 p

STRUCTURAL ENGINEER
ARCHITECTURAL ENGINEERS COLLABORATIVE
106 East Sixth Street, Suite 450
Austin, Texas 78701
512.472.2111 p

MEP ENGINEER
EN-INCORPORATED
13581 Pond Springs Road, Suite 400
Austin, Texas 78729
512.918.9315 p

INTERIOR DESIGNER
KEATON INTERIORS
4801 Keller Springs Rd. Ste. 106B
Addison, TX 75001
972.233.9100

LANDSCAPE ARCHITECT
D CRAIN
1621 Willow Street
Austin, TX 78702
512.480.8008 p



EN,INC. F-2473 06/12/13

IF THIS DOCUMENT IS NOT SIGNED, SEALED, AND DATED, IT MAY NOT BE USED FOR REGULATORY APPROVAL, PERMIT OR CONSTRUCTION

DESCRIPTION	DATE
100% SCHEMATIC DESIGN	02/06/2012
DD - INTERIM PRICING SET	03/30/2012
100% DESIGN DEVELOPMENT	05/04/2012
AEGIB REVIEW	05/31/2012
ISSUED FOR REVIEW AND PERMIT	06/11/2012
PERMIT RESPONSE 1	8/28/2012
95% CONSTRUCTION DOCUMENTS	10/05/2012
PERMIT RESPONSE 2	11/08/2012
AFD RESPONSE	01/22/2013
ISSUED FOR CONSTRUCTION	02/01/2013
ISSUED FOR CONSTRUCTION	02/07/2013
REVISION #7	05/20/2013
REVISION #8	06/12/2013

BUILDING - LEVEL 12 COLD WATER

PC2.12

PLUMBING LEGEND	
———	GRAYWATER SUPPLY PIPING
2"	PIPE SIZE REVISION

PLBG NOTES

1. ALL VERTICAL AND HORIZONTAL DOMESTIC WATER PIPING ABOVE FLOOR TO BE INSULATED - 1" FIBERGLASS INSULATION WITH VAPOR BARRIER.
2. SANITARY SEWER, FIRE PROTECTION LINE & DOMESTIC WATER SERVICE VARY AT EACH BLDG. CONTR. TO VERIFY EXACT SERVICE POINTS WITH CIVIL DRAWINGS & SITE UTILITY PLAN PRIOR TO INSTALLATION OF LINES.
3. REFER TO 1/4" SCALE TYPICAL UNIT PLANS FOR INDIVIDUAL UNIT WATER LAYOUTS.
4. ALL DOMESTIC WATER PIPING IN GARAGE SHALL BE INSULATED W/ 2" FIBERGLASS W/ ALL-PURPOSE JACKET.

1 - UPDATED BACKGROUND
- ADJUSTED PLUMBING
- CORRECTED NORTH ARROW

2 - UPDATED BACKGROUND
- ADDED CONDENSER LINE SETS FOR COORDINATION BETWEEN GA PLUMBING

3 - CORRECTED BUILDING KEY

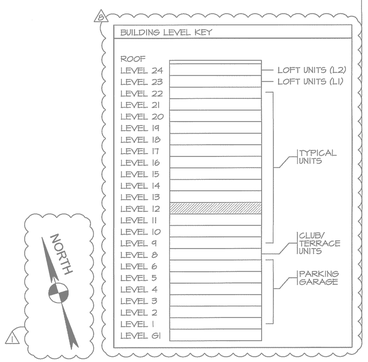
BUILDING - LEVEL 12 - COLD WATER

1/8" = 1'-0"

ALL PLUMBING SHALL BE IN ACCORDANCE WITH CITY OF AUSTIN ADOPTED PLUMBING CODES.

REVIEWED WKW DATE 7-2-13

The granting of a permit for, or approval of these plans and specifications shall not be construed to be a permit for, or approval of, any violation of any of the provisions of the currently adopted plumbing code or any other ordinance of the City of Austin.



515 CONGRESS AVE
SUITE 1600
AUSTIN, TEXAS 78701

512.473.0923
512.473.0177

© RHODE PARTNERS, 2012

7th & Rio Grande Apartments

615 West 7th Street
Austin, Texas 78701

PROJECT NUMBER - 111009

OWNER
BEHRINGER HARVARD
CWS CAPITAL PARTNERS LLC
9606 N. Mopac Expwy, Suite 500
Austin, Texas 78759
512.837.3028 p

GENERAL CONTRACTOR
J.E. DUNN CONSTRUCTION
901 S. Mopac Expressway
Barton Oaks Plaza II , Ste. 375
Austin, TX 78746
512.687.6119

ARCHITECT
RHODE PARTNERS
515 Congress Avenue, Suite 1600
Austin, TX 78701
512.473.0923 p

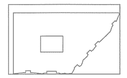
CIVIL ENGINEER
BURY + PARTNERS
221 W 6th Street Ste 600
Austin, Texas 78701
512.791.3311 p

STRUCTURAL ENGINEER
ARCHITECTURAL ENGINEERS COLLABORATIVE
106 East Sixth Street, Suite 450
Austin, Texas 78701
512.472.2111 p

MEP ENGINEER
EN-INCORPORATED
13581 Pond Springs Road, Suite 400
Austin, Texas 78729
512.918.9315 p

INTERIOR DESIGNER
KEATON INTERIORS
4901 Keller Springs Rd. Ste. 106B
Addison, TX 75001
972.233.9100

LANDSCAPE ARCHITECT
D CRAIN
1621 Willow Street
Austin, TX 78702
512.480.8008 p



EN,INC. F-2473 06/12/13

IF THIS DOCUMENT IS NOT SIGNED, SEALED, AND DATED, IT MAY NOT BE USED FOR REGULATORY APPROVAL, PERMIT OR CONSTRUCTION

DESCRIPTION	DATE
100% SCHEMATIC DESIGN	02/06/2012
DD - INTERIM PRICING SET	03/30/2012
100% DESIGN DEVELOPMENT	05/04/2012
AEGIB REVIEW	05/31/2012
ISSUED FOR REVIEW AND PERMIT	06/11/2012
PERMIT RESPONSE 1	8/28/2012
95% CONSTRUCTION DOCUMENTS	10/05/2012
PERMIT RESPONSE 2	11/08/2012
AFD RESPONSE	01/22/2013
ISSUED FOR CONSTRUCTION	02/01/2013
ISSUED FOR CONSTRUCTION	02/07/2013
REVISION #7	05/20/2013
REVISION #8	06/12/2013

BUILDING - LEVEL 12 COLD WATER

PC2.12

PLBG NOTES

1. ALL VERTICAL AND HORIZONTAL DOMESTIC WATER PIPING ABOVE FLOOR TO BE INSULATED - 1" FIBERGLASS INSULATION WITH VAPOR BARRIER.
2. SANITARY SEWER, FIRE PROTECTION LINE & DOMESTIC WATER SERVICE VARY AT EACH BLDG. CONTR. TO VERIFY EXACT SERVICE POINTS WITH CIVIL DRAWINGS & SITE UTILITY PLAN PRIOR TO INSTALLATION OF LINES.
3. REFER TO 1/4" SCALE TYPICAL UNIT PLANS FOR INDIVIDUAL UNIT WATER LAYOUTS.
4. ALL DOMESTIC WATER PIPING IN GARAGE SHALL BE INSULATED W/ 2" FIBERGLASS W/ ALL-PURPOSE JACKET.

△1 - UPDATED BACKGROUND
- ADJUSTED PLUMBING
- CORRECTED NORTH ARROW

△2 - UPDATED BACKGROUND
- ADDED CONDENSER LINE SETS FOR COORDINATION BETWEEN GM PLUMBING

△3 - CORRECTED BUILDING KEY

BUILDING - LEVEL 13 - COLD WATER

1/8" = 1'-0"

ALL PLUMBING SHALL BE IN ACCORDANCE WITH CITY OF AUSTIN ADOPTED PLUMBING CODES.

REVIEWED DSW DATE 7-2-13

The granting of a permit for, or approval of these plans and specifications shall not be construed to be a permit for, or approval of, any violation of any of the provisions of the currently adopted plumbing code or any other ordinance of the City of Austin.

△3

BUILDING LEVEL KEY

ROOF
LEVEL 24
LEVEL 23
LEVEL 22
LEVEL 21
LEVEL 20
LEVEL 19
LEVEL 18
LEVEL 17
LEVEL 16
LEVEL 15
LEVEL 14
LEVEL 13
LEVEL 12
LEVEL 11
LEVEL 10
LEVEL 9
LEVEL 8
LEVEL 6
LEVEL 5
LEVEL 4
LEVEL 3
LEVEL 2
LEVEL 1
LEVEL B1

LOFT UNITS (L2)
LOFT UNITS (L1)
TYPICAL UNITS
CLUB/ TERRACE UNITS
PARKING GARAGE

NORTH

515 CONGRESS AVE
SUITE 1600
AUSTIN, TEXAS 78701

512.473.0923
512.473.9177

© RHODE PARTNERS, 2012

7th & Rio Grande Apartments

615 West 7th Street
Austin, Texas 78701

PROJECT NUMBER - 111009

OWNER
BEHRINGER HARVARD
CWS CAPITAL PARTNERS LLC
9606 N. Mopac Expwy, Suite 500
Austin, Texas 78759
512.837.3028 p

GENERAL CONTRACTOR
J.E. DUNN CONSTRUCTION
901 S. Mopac Expressway
Barton Oaks Plaza II , Ste. 375
Austin, TX 78746
512.687.6115

ARCHITECT
RHODE PARTNERS
515 Congress Avenue, Suite 1600
Austin, TX 78701
512.473.0923 p

CIVIL ENGINEER
BURY + PARTNERS
221 W 6th Street Ste 600
Austin, Texas 78701
512.791.3311 p

STRUCTURAL ENGINEER
ARCHITECTURAL ENGINEERS COLLABORATIVE
106 East Sixth Street, Suite 450
Austin, Texas 78701
512.472.2111 p

MEP ENGINEER
EN-INCORPORATED
13581 Pond Srpings Road, Suite 400
Austin, Texas 78729
512.918.9315 p

INTERIOR DESIGNER
KEATON INTERIORS
4901 Keller Springs Rd. Ste. 106B
Addison, TX 75001
972.233.9100

LANDSCAPE ARCHITECT
D CRAIN
1621 Willow Street
Austin, TX 78702
512.480.8008 p

ENJNC. F-2473 06/12/13

IF THIS DOCUMENT IS NOT SIGNED, SEALED, AND DATED, IT MAY NOT BE USED FOR REGULATORY APPROVAL, PERMIT OR CONSTRUCTION

DESCRIPTION	DATE
100% SCHEMATIC DESIGN	02/06/2012
DD - INTERIM PRICING SET	03/30/2012
100% DESIGN DEVELOPMENT	05/04/2012
AEGB REVIEW	05/31/2012
ISSUED FOR REVIEW AND PERMIT	06/11/2012
PERMIT RESPONSE 1	8/28/2012
95% CONSTRUCTION DOCUMENTS	10/05/2012
PERMIT RESPONSE 2	11/08/2012
AFD RESPONSE	01/23/2013
ISSUED FOR CONSTRUCTION	02/01/2013
ISSUED FOR CONSTRUCTION	02/07/2013
REVISION #7	05/20/2013
REVISION #8	06/12/2013

BUILDING - LEVEL 13 COLD WATER

PC2.13

PLUMBING LEGEND	
	GRAYWATER SUPPLY PIPING
2"	PIPE SIZE REVISION

PLBG NOTES

1. ALL VERTICAL AND HORIZONTAL DOMESTIC WATER PIPING ABOVE FLOOR TO BE INSULATED - 1" FIBERGLASS INSULATION WITH VAPOR BARRIER.
2. SANITARY SEWER, FIRE PROTECTION LINE & DOMESTIC WATER SERVICE VARY AT EACH BLDG. CONTR. TO VERIFY EXACT SERVICE POINTS WITH CIVIL DRAWINGS & SITE UTILITY PLAN PRIOR TO INSTALLATION OF LINES.
3. REFER TO 1/4" SCALE TYPICAL UNIT PLANS FOR INDIVIDUAL UNIT WATER LAYOUTS.
4. ALL DOMESTIC WATER PIPING IN GARAGE SHALL BE INSULATED W/ 2" FIBERGLASS W/ ALL-PURPOSE JACKET.

1 - UPDATED BACKGROUND
- ADJUSTED PLUMBING
- CORRECTED NORTH ARROW

2 - UPDATED BACKGROUND
- ADDED CONDENSER LINE SETS FOR COORDINATION BETWEEN GM PLUMBING

3 - CORRECTED BUILDING KEY

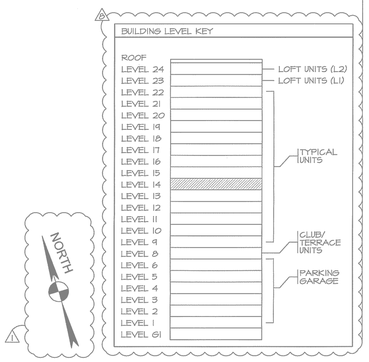
BUILDING - LEVEL 13 - COLD WATER

1/8" = 1'-0"

ALL PLUMBING SHALL BE IN ACCORDANCE WITH CITY OF AUSTIN ADOPTED PLUMBING CODES.

REVIEWED JSW DATE 7-2-13

The granting of a permit for, or approval of these plans and specifications shall not be construed to be a permit for, or approval of, any violation of any of the provisions of the currently adopted plumbing code or any other ordinance of the City of Austin.



515 CONGRESS AVE
SUITE 1600
AUSTIN, TEXAS 78701

512.473.0923
512.473.9177

© RHODE PARTNERS, 2012

7th & Rio Grande Apartments

615 West 7th Street
Austin, Texas 78701

PROJECT NUMBER - 111009

OWNER
BEHRINGER HARVARD
CWS CAPITAL PARTNERS LLC
9606 N. Mopac Expwy, Suite 500
Austin, Texas 78759
512.837.3028 p

GENERAL CONTRACTOR
J.E. DUNN CONSTRUCTION
901 S. Mopac Expressway
Barton Oaks Plaza II , Ste. 375
Austin, TX 78746
512.687.6119

ARCHITECT
RHODE PARTNERS
515 Congress Avenue, Suite 1600
Austin, TX 78701
512.473.0923 p

CIVIL ENGINEER
BURY + PARTNERS
221 W 6th Street Ste 600
Austin, Texas 78701
512.791.3311 p

STRUCTURAL ENGINEER
ARCHITECTURAL ENGINEERS COLLABORATIVE
106 East Sixth Street, Suite 450
Austin, Texas 78701
512.472.2111 p

MEP ENGINEER
EN-INCORPORATED
13581 Pond Srpings Road, Suite 400
Austin, Texas 78729
512.918.9315 p

INTERIOR DESIGNER
KEATON INTERIORS
4901 Keller Springs Rd. Ste. 106B
Addison, TX 75001
972.233.9100

LANDSCAPE ARCHITECT
D CRAIN
1621 Willow Street
Austin, TX 78702
512.480.8008 p

ENJNC. F-2473 06/12/13

IF THIS DOCUMENT IS NOT SIGNED, SEALED, AND DATED, IT MAY NOT BE USED FOR REGULATORY APPROVAL, PERMIT OR CONSTRUCTION

DESCRIPTION	DATE
100% SCHEMATIC DESIGN	02/06/2012
DD - INTERIM PRICING SET	03/30/2012
100% DESIGN DEVELOPMENT	05/04/2012
AEGB REVIEW	05/31/2012
ISSUED FOR REVIEW AND PERMIT	06/11/2012
PERMIT RESPONSE 1	8/28/2012
95% CONSTRUCTION DOCUMENTS	10/05/2012
PERMIT RESPONSE 2	11/08/2012
AFD RESPONSE	01/23/2013
ISSUED FOR CONSTRUCTION	02/01/2013
ISSUED FOR CONSTRUCTION	02/07/2013
REVISION #7	05/20/2013
REVISION #8	06/12/2013

BUILDING - LEVEL 13 COLD WATER

PC2.13

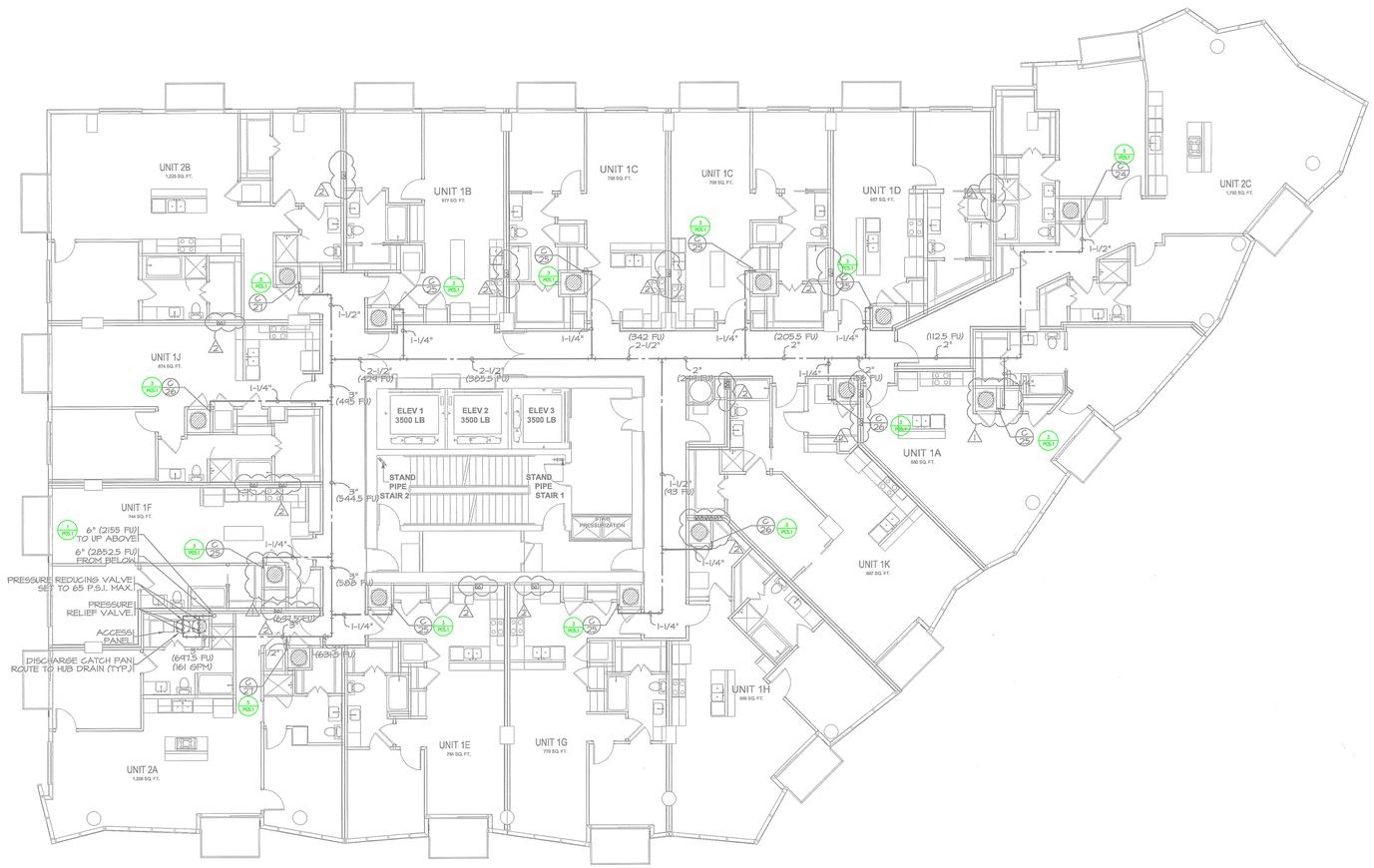
PLBG NOTES

1. ALL VERTICAL AND HORIZONTAL DOMESTIC WATER PIPING ABOVE FLOOR TO BE INSULATED - 1" FIBERGLASS INSULATION WITH VAPOR BARRIER.
2. SANITARY SEWER, FIRE PROTECTION LINE & DOMESTIC WATER SERVICE VARY AT EACH BLDG. CONTR. TO VERIFY EXACT SERVICE POINTS WITH CIVIL DRAWINGS & SITE UTILITY PLAN PRIOR TO INSTALLATION OF LINES.
3. REFER TO 1/4" SCALE TYPICAL UNIT PLANS FOR INDIVIDUAL UNIT WATER LAYOUTS.
4. ALL DOMESTIC WATER PIPING IN GARAGE SHALL BE INSULATED W/ 2" FIBERGLASS W/ ALL-PURPOSE JACKET.

1 - UPDATED BACKGROUND
- ADJUSTED PLUMBING
- CORRECTED NORTH ARROW

2 - UPDATED BACKGROUND
- ADDED CONDENSER LINE SETS FOR COORDINATION BETWEEN GW PLUMBING

3 - CORRECTED BUILDING KEY



BUILDING - LEVEL 14 - COLD WATER

1/8" = 1'-0"

ALL PLUMBING SHALL BE IN ACCORDANCE WITH CITY OF AUSTIN ADOPTED PLUMBING CODES.

REVIEWED WKW DATE 7-2-13

The granting of a permit for, or approval of these plans and specifications shall not be construed to be a permit for, or approval of, any violation of any of the provisions of the currently adopted plumbing code or any other ordinance of the City of Austin.

BUILDING LEVEL KEY

ROOF	
LEVEL 24	LOFT UNITS (L2)
LEVEL 23	LOFT UNITS (L1)
LEVEL 22	TYPICAL UNITS
LEVEL 21	
LEVEL 20	
LEVEL 19	
LEVEL 18	
LEVEL 17	
LEVEL 16	
LEVEL 15	
LEVEL 14	
LEVEL 13	
LEVEL 12	
LEVEL 11	
LEVEL 10	
LEVEL 9	CLUB/ TERRACE UNITS
LEVEL 8	
LEVEL 6	PARKING GARAGE
LEVEL 5	
LEVEL 4	
LEVEL 3	
LEVEL 2	
LEVEL 1	
LEVEL G1	

NORTH

515 CONGRESS AVE
SUITE 1600
AUSTIN, TEXAS 78701

512.473.0923
512.473.0177

© RHODE PARTNERS, 2012

7th & Rio Grande Apartments

615 West 7th Street
Austin, Texas 78701

PROJECT NUMBER - 111009

OWNER
BEHRINGER HARVARD
CWS CAPITAL PARTNERS LLC
9606 N. Mopac Expwy, Suite 500
Austin, Texas 78759
512.837.3028 p

GENERAL CONTRACTOR
J.E. DUNN CONSTRUCTION
901 S. Mopac Expressway
Barton Oaks Plaza II , Ste. 375
Austin, TX 78746
512.687.6118

ARCHITECT
RHODE PARTNERS
515 Congress Avenue, Suite 1600
Austin, TX 78701
512.473.0923 p

CIVIL ENGINEER
BURY + PARTNERS
221 W 6th Street Ste 600
Austin, Texas 78701
512.791.3311 p

STRUCTURAL ENGINEER
ARCHITECTURAL ENGINEERS COLLABORATIVE
106 East Sixth Street, Suite 450
Austin, Texas 78701
512.472.2111 p

MEP ENGINEER
EN-INCORPORATED
13581 Pond Springs Road, Suite 400
Austin, Texas 78729
512.918.9315 p

INTERIOR DESIGNER
KEATON INTERIORS
4901 Keller Springs Rd. Ste. 106B
Addison, TX 75001
972.233.9100

LANDSCAPE ARCHITECT
D CRAIN
1621 Willow Street
Austin, TX 78702
512.480.8028 p

EN,INC. F-2473 06/12/13

IF THIS DOCUMENT IS NOT SIGNED, SEALED, AND DATED, IT MAY NOT BE USED FOR REGULATORY APPROVAL, PERMIT OR CONSTRUCTION

DESCRIPTION	DATE
100% SCHEMATIC DESIGN	02/08/2012
DD - INTERIM PRICING SET	03/30/2012
100% DESIGN DEVELOPMENT	05/04/2012
AEGB REVIEW	05/31/2012
ISSUED FOR REVIEW AND PERMIT	06/11/2012
PERMIT RESPONSE 1	8/28/2012
95% CONSTRUCTION DOCUMENTS	10/05/2012
PERMIT RESPONSE 2	11/08/2012
AFD RESPONSE	01/23/2013
ISSUED FOR CONSTRUCTION	02/01/2013
ISSUED FOR CONSTRUCTION	02/07/2013
REVISION #7	05/20/2013
REVISION #8	06/12/2013

BUILDING - LEVEL 14 COLD WATER

PC2.14

PLUMBING LEGEND	
	GRAYWATER SUPPLY PIPING
2"	PIPE SIZE REVISION

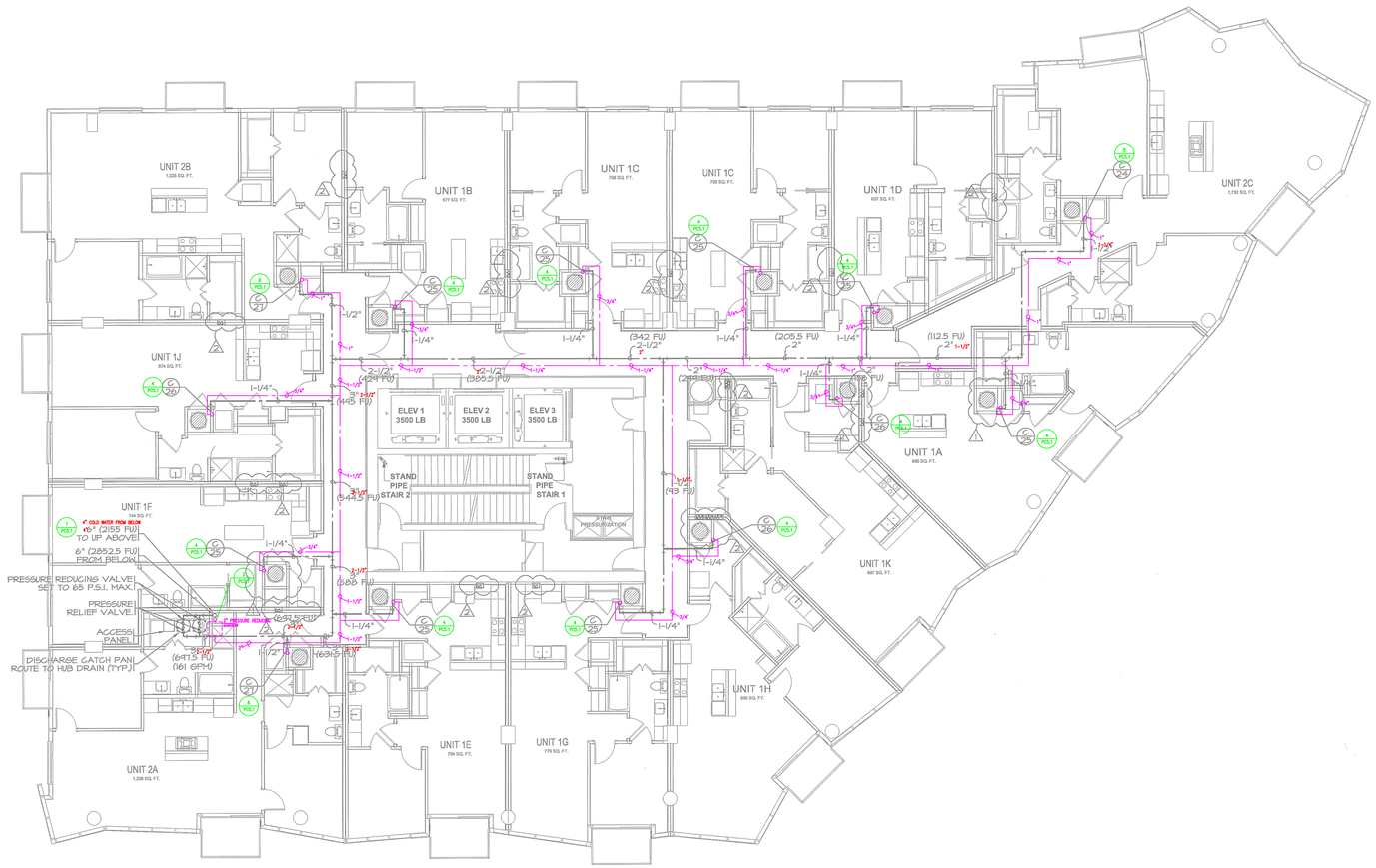
PLBG NOTES

1. ALL VERTICAL AND HORIZONTAL DOMESTIC WATER PIPING ABOVE FLOOR TO BE INSULATED - 1" FIBERGLASS INSULATION WITH VAPOR BARRIER.
2. SANITARY SEWER, FIRE PROTECTION LINE & DOMESTIC WATER SERVICE VARY AT EACH BLDG. CONTR. TO VERIFY EXACT SERVICE POINTS WITH CIVIL DRAWINGS & SITE UTILITY PLAN PRIOR TO INSTALLATION OF LINES.
3. REFER TO 1/4" SCALE TYPICAL UNIT PLANS FOR INDIVIDUAL UNIT WATER LAYOUTS.
4. ALL DOMESTIC WATER PIPING IN GARAGE SHALL BE INSULATED W/ 2" FIBERGLASS W/ ALL-PURPOSE JACKET.

1 - UPDATED BACKGROUND
- ADJUSTED PLUMBING
- CORRECTED NORTH ARROW

2 - UPDATED BACKGROUND
- ADDED CONDENSER LINE SETS FOR COORDINATION BETWEEN GW PLUMBING

3 - CORRECTED BUILDING KEY



BUILDING - LEVEL 14 - COLD WATER

1/8" = 1'-0"

ALL PLUMBING SHALL BE IN ACCORDANCE WITH CITY OF AUSTIN ADOPTED PLUMBING CODES.
REVIEWED [illegible] DATE 7-2-13
The granting of a permit for, or approval of these plans and specifications shall not be construed to be a permit for, or approval of, any violation of any of the provisions of the currently adopted plumbing code or any other ordinance of the City of Austin.

BUILDING LEVEL KEY

ROOF
LEVEL 24
LEVEL 23
LEVEL 22
LEVEL 21
LEVEL 20
LEVEL 19
LEVEL 18
LEVEL 17
LEVEL 16
LEVEL 15
LEVEL 14
LEVEL 13
LEVEL 12
LEVEL 11
LEVEL 10
LEVEL 9
LEVEL 8
LEVEL 6
LEVEL 5
LEVEL 4
LEVEL 3
LEVEL 2
LEVEL 1
LEVEL 61

LOFT UNITS (L2)
LOFT UNITS (L1)
TYPICAL UNITS
CLUB/ TERRACE UNITS
PARKING GARAGE

NORTH

515 CONGRESS AVE
SUITE 1600
AUSTIN, TEXAS 78701
512.473.0923
512.473.0177

© RHODE PARTNERS, 2012

7th & Rio Grande Apartments

615 West 7th Street
Austin, Texas 78701

PROJECT NUMBER - 111009

OWNER
BEHRINGER HARVARD
CWS CAPITAL PARTNERS LLC
9606 N. Mopac Expwy, Suite 500
Austin, Texas 78759
512.837.3028 p

GENERAL CONTRACTOR
J.E. DUNN CONSTRUCTION
901 S. Mopac Expressway
Barton Oaks Plaza II , Ste. 375
Austin, TX 78746
512.687.6118

ARCHITECT
RHODE PARTNERS
515 Congress Avenue, Suite 1600
Austin, TX 78701
512.473.0923 p

CIVIL ENGINEER
BURY + PARTNERS
221 W 6th Street Ste 600
Austin, Texas 78701
512.791.3311 p

STRUCTURAL ENGINEER
ARCHITECTURAL ENGINEERS COLLABORATIVE
106 East Sixth Street, Suite 450
Austin, Texas 78701
512.472.2111 p

MEP ENGINEER
EN-INCORPORATED
13581 Pond Springs Road, Suite 400
Austin, Texas 78729
512.918.9315 p

INTERIOR DESIGNER
KEATON INTERIORS
4901 Keller Springs Rd. Ste. 106B
Addison, TX 75001
972.233.9100

LANDSCAPE ARCHITECT
D CRAIN
1621 Willow Street
Austin, TX 78702
512.480.8028 p

DAVID EDWARD NICHOLS
102295
LICENSED
PROFESSIONAL ENGINEER

EN,INC. F-2473 06/12/13

IF THIS DOCUMENT IS NOT SIGNED, SEALED, AND DATED, IT MAY NOT BE USED FOR REGULATORY APPROVAL, PERMIT OR CONSTRUCTION

DESCRIPTION	DATE
100% SCHEMATIC DESIGN	02/06/2012
DD - INTERIM PRICING SET	03/30/2012
100% DESIGN DEVELOPMENT	05/04/2012
AECB REVIEW	05/31/2012
ISSUED FOR REVIEW AND PERMIT	08/11/2012
PERMIT RESPONSE 1	8/28/2012
95% CONSTRUCTION DOCUMENTS	10/05/2012
PERMIT RESPONSE 2	11/08/2012
AFD RESPONSE	01/22/2013
ISSUED FOR CONSTRUCTION	02/01/2013
ISSUED FOR CONSTRUCTION	02/07/2013
REVISION #7	05/20/2013
REVISION #8	06/12/2013

BUILDING - LEVEL 14 COLD WATER

PC2.14

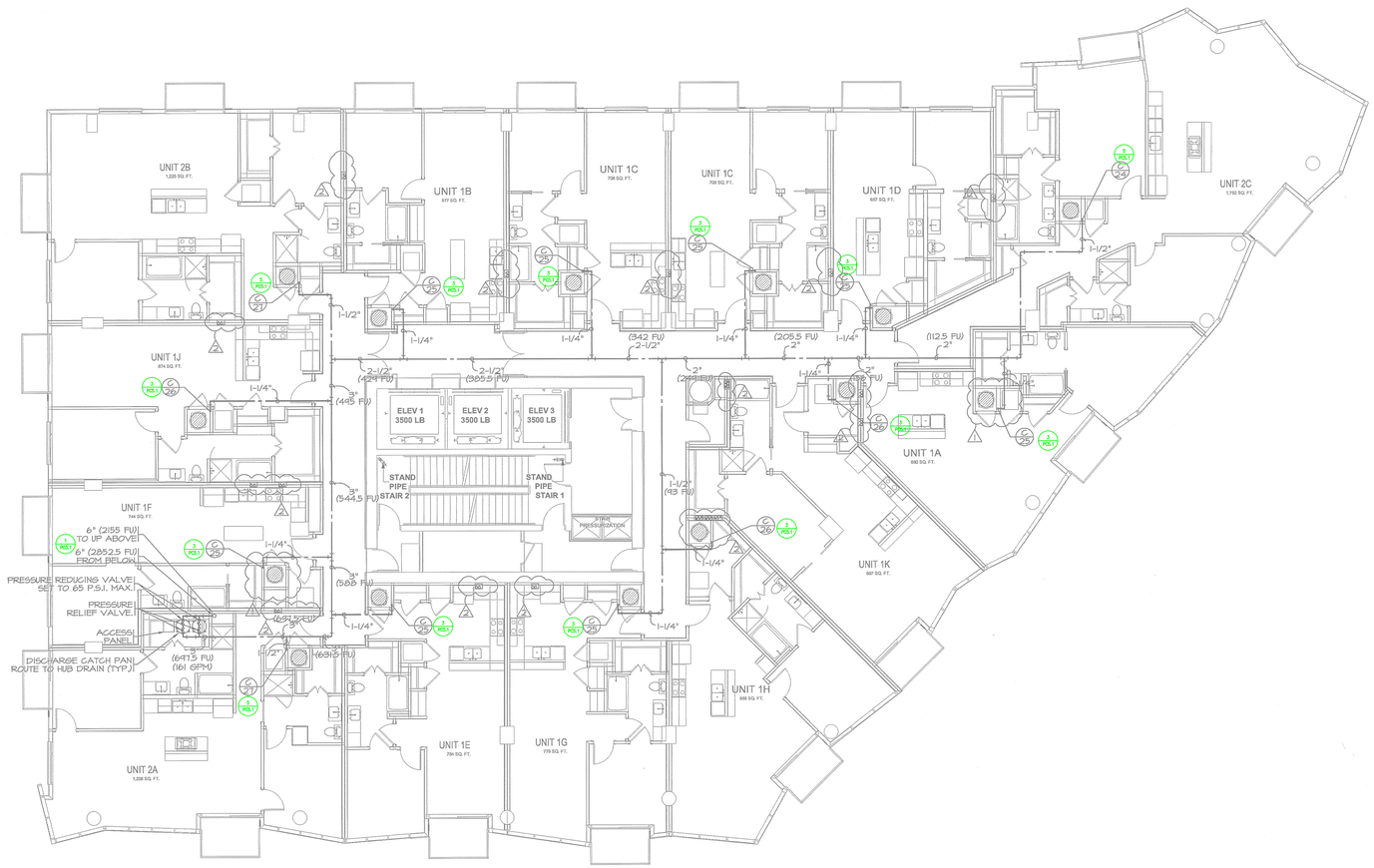
PLBG NOTES

1. ALL VERTICAL AND HORIZONTAL DOMESTIC WATER PIPING ABOVE FLOOR TO BE INSULATED - 1" FIBERGLASS INSULATION WITH VAPOR BARRIER.
2. SANITARY SEWER, FIRE PROTECTION LINE & DOMESTIC WATER SERVICE VARY AT EACH BLDG. CONTR. TO VERIFY EXACT SERVICE POINTS WITH CIVIL DRAWINGS & SITE UTILITY PLAN PRIOR TO INSTALLATION OF LINES.
3. REFER TO 1/4" SCALE TYPICAL UNIT PLANS FOR INDIVIDUAL UNIT WATER LAYOUTS.
4. ALL DOMESTIC WATER PIPING IN GARAGE SHALL BE INSULATED W/ 2" FIBERGLASS W/ ALL-PURPOSE JACKET.

1 - UPDATED BACKGROUND
- ADJUSTED PLUMBING
- CORRECTED NORTH ARROW

2 - UPDATED BACKGROUND
- ADDED CONDENSER LINE SETS FOR COORDINATION BETWEEN GW PLUMBING

3 - CORRECTED BUILDING KEY



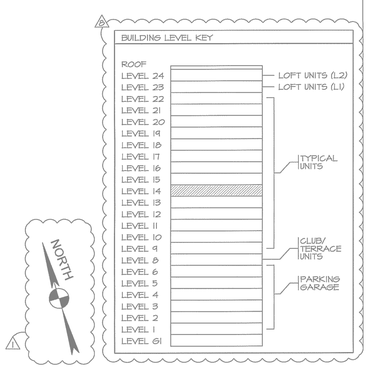
BUILDING - LEVEL 14 - COLD WATER

1/8" = 1'-0"

ALL PLUMBING SHALL BE IN ACCORDANCE WITH CITY OF AUSTIN ADOPTED PLUMBING CODES.

REVIEWED WKN DATE 7-2-13

The granting of a permit for, or approval of these plans and specifications shall not be construed to be a permit for, or approval of, any violation of any of the provisions of the currently adopted plumbing code or any other ordinance of the City of Austin.



515 CONGRESS AVE
SUITE 1600
AUSTIN, TEXAS 78701

512.473.0923
512.473.0177

© RHODE PARTNERS, 2012

7th & Rio Grande Apartments

615 West 7th Street
Austin, Texas 78701

PROJECT NUMBER - 111009

OWNER
BOHRINGER HARVARD
CWS CAPITAL PARTNERS LLC
9606 N. Mopac Expwy, Suite 500
Austin, Texas 78759
512.837.3028 p

GENERAL CONTRACTOR
J.E. DUNN CONSTRUCTION
901 S. Mopac Expressway
Barton Oaks Plaza II , Ste. 375
Austin, TX 78746
512.687.6118

ARCHITECT
RHODE PARTNERS
515 Congress Avenue, Suite 1600
Austin, TX 78701
512.473.0923 p

CIVIL ENGINEER
BURY + PARTNERS
221 W 6th Street Ste 600
Austin, Texas 78701
512.791.3311 p

STRUCTURAL ENGINEER
ARCHITECTURAL ENGINEERS COLLABORATIVE
106 East Sixth Street, Suite 450
Austin, Texas 78701
512.472.2111 p

MEP ENGINEER
EN-INCORPORATED
13581 Pond Springs Road, Suite 400
Austin, Texas 78729
512.918.9315 p

INTERIOR DESIGNER
KEATON INTERIORS
4901 Keller Springs Rd. Ste. 106B
Addison, TX 75001
972.233.9100

LANDSCAPE ARCHITECT
D CRAIN
1621 Willow Street
Austin, TX 78702
512.480.8028 p

EN,INC. F-2473 06/12/13

IF THIS DOCUMENT IS NOT SIGNED, SEALED, AND DATED, IT MAY NOT BE USED FOR REGULATORY APPROVAL, PERMIT OR CONSTRUCTION

DESCRIPTION	DATE
100% SCHEMATIC DESIGN	02/08/2012
DD - INTERIM PRICING SET	03/30/2012
100% DESIGN DEVELOPMENT	05/04/2012
AEGB REVIEW	05/31/2012
ISSUED FOR REVIEW AND PERMIT	06/11/2012
PERMIT RESPONSE 1	8/28/2012
95% CONSTRUCTION DOCUMENTS	10/05/2012
PERMIT RESPONSE 2	11/08/2012
AFD RESPONSE	01/23/2013
ISSUED FOR CONSTRUCTION	02/01/2013
ISSUED FOR CONSTRUCTION	02/07/2013
REVISION #7	05/20/2013
REVISION #8	06/12/2013

BUILDING - LEVEL 14 COLD WATER

PC2.14

PLUMBING LEGEND	
	GRAYWATER SUPPLY PIPING
2"	PIPE SIZE REVISION

PLBG NOTES

1. ALL VERTICAL AND HORIZONTAL DOMESTIC WATER PIPING ABOVE FLOOR TO BE INSULATED - 1" FIBERGLASS INSULATION WITH VAPOR BARRIER.
2. SANITARY SEWER, FIRE PROTECTION LINE & DOMESTIC WATER SERVICE VARY AT EACH BLDG. CONTR. TO VERIFY EXACT SERVICE POINTS WITH CIVIL DRAWINGS & SITE UTILITY PLAN PRIOR TO INSTALLATION OF LINES.
3. REFER TO 1/4" SCALE TYPICAL UNIT PLANS FOR INDIVIDUAL UNIT WATER LAYOUTS.
4. ALL DOMESTIC WATER PIPING IN GARAGE SHALL BE INSULATED W/ 2" FIBERGLASS W/ ALL-PURPOSE JACKET.

1 - UPDATED BACKGROUND
- ADJUSTED PLUMBING
- CORRECTED NORTH ARROW

2 - UPDATED BACKGROUND
- ADDED CONDENSER LINE SETS FOR COORDINATION BETWEEN GA PLUMBING

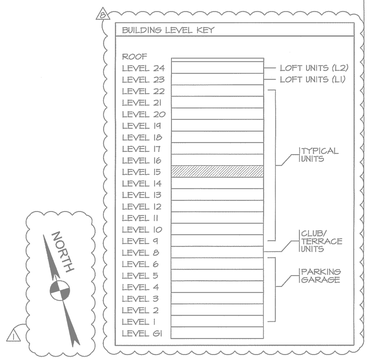
3 - CORRECTED BUILDING KEY

BUILDING - LEVEL 15 - COLD WATER

1/8" = 1'-0"

ALL PLUMBING
SHALL BE IN ACCORDANCE WITH CITY OF AUSTIN ADOPTED PLUMBING CODES.
REVIEWED WSH DATE 7-2-13
The granting of a permit, or approval of plans, plans and specifications shall not be construed to be a permit for, or approval of, any violation of any of the provisions of the currently adopted plumbing code or any other ordinance of the City of Austin.

BUILDING LEVEL KEY



515 CONGRESS AVE
SUITE 1600
AUSTIN, TEXAS 78701

512.473.0923
512.473.0177

© RHODE PARTNERS, 2012

7th & Rio Grande Apartments

615 West 7th Street
Austin, Texas 78701

PROJECT NUMBER - 111009

OWNER
BEHRINGER HARVARD
CWS CAPITAL PARTNERS LLC
9606 N. Mopac Expwy, Suite 500
Austin, Texas 78759
512.837.3028 p

GENERAL CONTRACTOR
J.E. DUNN CONSTRUCTION
901 S. Mopac Expressway
Barton Oaks Plaza II, Ste. 375
Austin, TX 78746
512.687.6119

ARCHITECT
RHODE PARTNERS
515 Congress Avenue, Suite 1600
Austin, TX 78701
512.473.0923 p

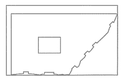
CIVIL ENGINEER
BURY + PARTNERS
221 W 6th Street Ste 600
Austin, Texas 78701
512.791.3311 p

STRUCTURAL ENGINEER
ARCHITECTURAL ENGINEERS COLLABORATIVE
106 East Sixth Street, Suite 450
Austin, Texas 78701
512.472.2111 p

MEP ENGINEER
EN-INCORPORATED
13581 Pond Srpings Road, Suite 400
Austin, Texas 78729
512.918.9315 p

INTERIOR DESIGNER
KEATON INTERIORS
4901 Keller Springs Rd. Ste. 108B
Addison, TX 75001
972.233.9100

LANDSCAPE ARCHITECT
D CRAIN
1621 Willow Street
Austin, TX 78702
512.480.8008 p



EN,INC. F-2473 06/12/13

IF THIS DOCUMENT IS NOT SIGNED, SEALED, AND DATED, IT MAY NOT BE USED FOR REGULATORY APPROVAL, PERMIT OR CONSTRUCTION

DESCRIPTION	DATE
100% SCHEMATIC DESIGN	02/08/2012
DD - INTERIM PRICING SET	03/30/2012
100% DESIGN DEVELOPMENT	05/04/2012
AEGB REVIEW	05/31/2012
ISSUED FOR REVIEW AND PERMIT	06/11/2012
PERMIT RESPONSE 1	8/28/2012
95% CONSTRUCTION DOCUMENTS	10/05/2012
PERMIT RESPONSE 2	11/08/2012
AFD RESPONSE	01/22/2013
ISSUED FOR CONSTRUCTION	02/01/2013
ISSUED FOR CONSTRUCTION	02/07/2013
REVISION #7	05/20/2013
REVISION #8	06/12/2013

BUILDING - LEVEL 15 COLD WATER

PC2.15

PLBG NOTES

1. ALL VERTICAL AND HORIZONTAL DOMESTIC WATER PIPING ABOVE FLOOR TO BE INSULATED - 1" FIBERGLASS INSULATION WITH VAPOR BARRIER.
2. SANITARY SEWER, FIRE PROTECTION LINE & DOMESTIC WATER SERVICE VARY AT EACH BLDG. CONTR. TO VERIFY EXACT SERVICE POINTS WITH CIVIL DRAWINGS & SITE UTILITY PLAN PRIOR TO INSTALLATION OF LINES.
3. REFER TO 1/4" SCALE TYPICAL UNIT PLANS FOR INDIVIDUAL UNIT WATER LAYOUTS.
4. ALL DOMESTIC WATER PIPING IN GARAGE SHALL BE INSULATED W/ 2" FIBERGLASS W/ ALL-PURPOSE JACKET.

△1 - UPDATED BACKGROUND
- ADJUSTED PLUMBING
- CORRECTED NORTH ARROW

△2 - UPDATED BACKGROUND
- ADDED CONDENSER LINE SETS FOR COORDINATION BETWEEN GM PLUMBING

△3 - CORRECTED BUILDING KEY

BUILDING - LEVEL 16 - COLD WATER

1/8" = 1'-0"

ALL PLUMBING SHALL BE IN ACCORDANCE WITH CITY OF AUSTIN ADOPTED PLUMBING CODES.
REVIEWED WKW DATE 7-2-13
The granting of a permit for, or approval of these plans and specifications shall not be construed to be a permit for, or approval of, any violation of any of the provisions of the currently adopted plumbing code or any other ordinances or the City of Austin.

BUILDING LEVEL KEY

ROOF	
LEVEL 24	LOFT UNITS (L2)
LEVEL 23	LOFT UNITS (L1)
LEVEL 22	TYPICAL UNITS
LEVEL 21	
LEVEL 20	
LEVEL 19	
LEVEL 18	
LEVEL 17	
LEVEL 16	
LEVEL 15	
LEVEL 14	
LEVEL 13	
LEVEL 12	
LEVEL 11	
LEVEL 10	CLUB/ TERRACE UNITS
LEVEL 9	
LEVEL 8	
LEVEL 6	PARKING GARAGE
LEVEL 5	
LEVEL 4	
LEVEL 3	
LEVEL 2	
LEVEL 1	
LEVEL B1	

NORTH

RHODE PARTNERS
515 CONGRESS AVE.
SUITE 1600
AUSTIN, TEXAS 78701
512.473.0923
512.473.0177

© RHODE PARTNERS, 2012

7th & Rio Grande Apartments

615 West 7th Street
Austin, Texas 78701

PROJECT NUMBER - 111009

OWNER
BEHRINGER HARVARD
CWS CAPITAL PARTNERS LLC
9606 N. Mopac Expwy, Suite 500
Austin, Texas 78759
512.837.3028 p

GENERAL CONTRACTOR
J.E. DUNN CONSTRUCTION
901 S. Mopac Expressway
Barton Oaks Plaza II , Ste. 375
Austin, TX 78746
512.687.6119

ARCHITECT
RHODE PARTNERS
515 Congress Avenue, Suite 1600
Austin, TX 78701
512.473.0923 p

CIVIL ENGINEER
BURY + PARTNERS
221 W 6th Street Ste 600
Austin, Texas 78701
512.791.3311 p

STRUCTURAL ENGINEER
ARCHITECTURAL ENGINEERS COLLABORATIVE
106 East Sixth Street, Suite 450
Austin, Texas 78701
512.472.2111 p

MEP ENGINEER
EN-INCORPORATED
13581 Pond Srpings Road, Suite 400
Austin, Texas 78729
512.918.9315 p

INTERIOR DESIGNER
KEATON INTERIORS
4901 Keller Springs Rd. Ste. 108B
Addison, TX 75001
972.233.9100

LANDSCAPE ARCHITECT
D CRAIN
1521 Willow Street
Austin, TX 78702
512.480.8008 p

EN,INC. F-2473 06/12/13

IF THIS DOCUMENT IS NOT SIGNED, SEALED, AND DATED, IT MAY NOT BE USED FOR REGULATORY APPROVAL, PERMIT OR CONSTRUCTION

DESCRIPTION	DATE
100% SCHEMATIC DESIGN	02/06/2012
DD - INTERIM PRICING SET	03/30/2012
100% DESIGN DEVELOPMENT	05/04/2012
AEGB REVIEW	05/31/2012
ISSUED FOR REVIEW AND PERMIT	06/11/2012
PERMIT RESPONSE 1	8/28/2012
95% CONSTRUCTION DOCUMENTS	10/05/2012
PERMIT RESPONSE 2	11/08/2012
AFD RESPONSE	01/22/2013
ISSUED FOR CONSTRUCTION	02/01/2013
ISSUED FOR CONSTRUCTION	02/07/2013
REVISION #7	05/20/2013
REVISION #8	06/12/2013

BUILDING - LEVEL 16
COLD WATER

PC2.16

PLUMBING LEGEND	
	GRAYWATER SUPPLY PIPING
2"	PIPE SIZE REVISION

PLBG NOTES

1. ALL VERTICAL AND HORIZONTAL DOMESTIC WATER PIPING ABOVE FLOOR TO BE INSULATED - 1" FIBERGLASS INSULATION WITH VAPOR BARRIER.
2. SANITARY SEWER, FIRE PROTECTION LINE & DOMESTIC WATER SERVICE VARY AT EACH BLDG. CONTR. TO VERIFY EXACT SERVICE POINTS WITH CIVIL DRAWINGS & SITE UTILITY PLAN PRIOR TO INSTALLATION OF LINES.
3. REFER TO 1/4" SCALE TYPICAL UNIT PLANS FOR INDIVIDUAL UNIT WATER LAYOUTS.
4. ALL DOMESTIC WATER PIPING IN GARAGE SHALL BE INSULATED W/ 2" FIBERGLASS W/ ALL-PURPOSE JACKET.

BUILDING - LEVEL 16 - COLD WATER

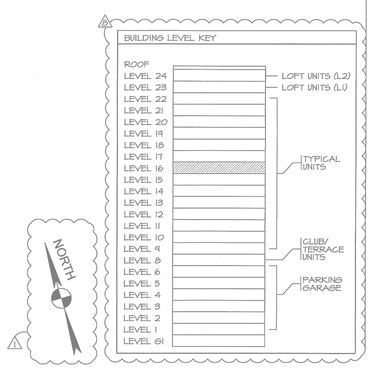
1/8" = 1'-0"

- UPDATED BACKGROUND
- ADJUSTED PLUMBING
- CORRECTED NORTH ARROW

- UPDATED BACKGROUND
- ADDED CONDENSER LINE SETS FOR COORDINATION BETWEEN GM PLUMBING

- CORRECTED BUILDING KEY

ALL PLUMBING SHALL BE IN ACCORDANCE WITH CITY OF AUSTIN ADOPTED PLUMBING CODES.
REVIEWED WKW DATE 7-2-13
The granting of a permit for, or approval of these plans and specifications shall not be construed to be a permit for, or approval of, any violation of any of the provisions of the currently adopted plumbing code or any other ordinances or the City of Austin.



RHODE PARTNERS
515 CONGRESS AVE.
SUITE 1600
AUSTIN, TEXAS 78701
512.473.0923
512.473.0177

© RHODE PARTNERS, 2012

7th & Rio Grande Apartments

615 West 7th Street
Austin, Texas 78701

PROJECT NUMBER - 111009

OWNER
BEHRINGER HARVARD
CWS CAPITAL PARTNERS LLC
9606 N. Mopac Expwy, Suite 500
Austin, Texas 78759
512.837.3028 p

GENERAL CONTRACTOR
J.E. DUNN CONSTRUCTION
901 S. Mopac Expressway
Barton Oaks Plaza II , Ste. 375
Austin, TX 78746
512.687.6119

ARCHITECT
RHODE PARTNERS
515 Congress Avenue, Suite 1600
Austin, TX 78701
512.473.0923 p

CIVIL ENGINEER
BURY + PARTNERS
221 W 6th Street Ste 600
Austin, Texas 78701
512.791.3311 p

STRUCTURAL ENGINEER
ARCHITECTURAL ENGINEERS COLLABORATIVE
106 East Sixth Street, Suite 450
Austin, Texas 78701
512.472.2111 p

MEP ENGINEER
EN-INCORPORATED
13581 Pond Srpings Road, Suite 400
Austin, Texas 78729
512.918.9315 p

INTERIOR DESIGNER
KEATON INTERIORS
4901 Keller Springs Rd. Ste. 108B
Addison, TX 75001
972.233.9100

LANDSCAPE ARCHITECT
D CRAIN
1521 Willow Street
Austin, TX 78702
512.480.8008 p

EN,INC. F-2473 06/12/13

IF THIS DOCUMENT IS NOT SIGNED, SEALED, AND DATED, IT MAY NOT BE USED FOR REGULATORY APPROVAL, PERMIT OR CONSTRUCTION

DESCRIPTION	DATE
100% SCHEMATIC DESIGN	02/06/2012
DD - INTERIM PRICING SET	03/30/2012
100% DESIGN DEVELOPMENT	05/04/2012
AEGB REVIEW	05/31/2012
ISSUED FOR REVIEW AND PERMIT	06/11/2012
PERMIT RESPONSE 1	8/28/2012
95% CONSTRUCTION DOCUMENTS	10/05/2012
PERMIT RESPONSE 2	11/08/2012
AFD RESPONSE	01/22/2013
ISSUED FOR CONSTRUCTION	02/01/2013
ISSUED FOR CONSTRUCTION	02/07/2013
REVISION #7	05/20/2013
REVISION #8	06/12/2013

BUILDING - LEVEL 16 COLD WATER

PC2.16

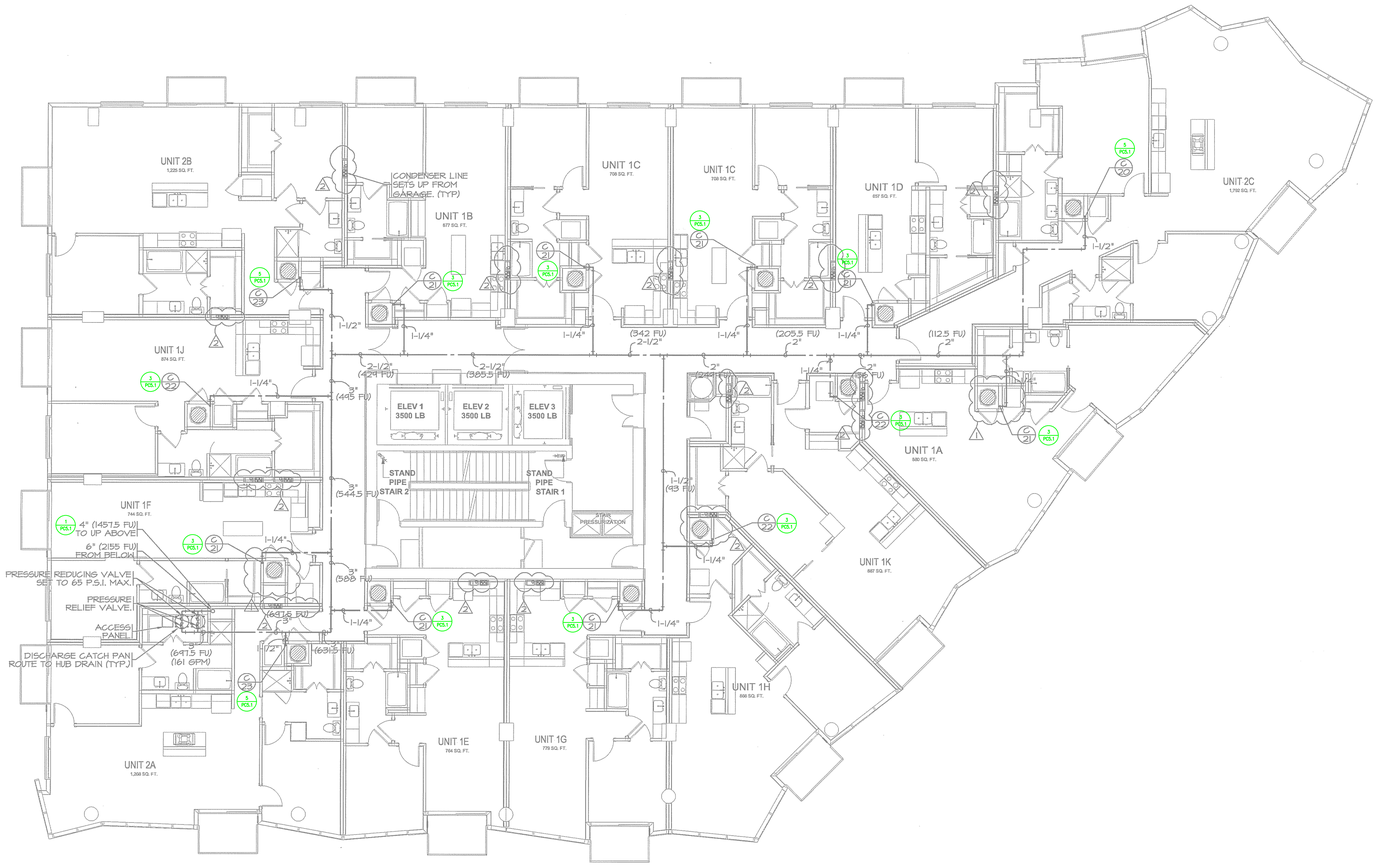
PLBG NOTES

1. ALL VERTICAL AND HORIZONTAL DOMESTIC WATER PIPING ABOVE FLOOR TO BE INSULATED - 1" FIBERGLASS INSULATION WITH VAPOR BARRIER.
2. SANITARY SEWER, FIRE PROTECTION LINE & DOMESTIC WATER SERVICE VARY AT EACH BLDG. CONTR. TO VERIFY EXACT SERVICE POINTS WITH CIVIL DRAWINGS & SITE UTILITY PLAN PRIOR TO INSTALLATION OF LINES.
3. REFER TO 1/4" SCALE TYPICAL UNIT PLANS FOR INDIVIDUAL UNIT WATER LAYOUTS.
4. ALL DOMESTIC WATER PIPING IN GARAGE SHALL BE INSULATED W/ 2" FIBERGLASS W/ ALL-PURPOSE JACKET.

1 - UPDATED BACKGROUND
- ADJUSTED PLUMBING
- CORRECTED NORTH ARROW

2 - UPDATED BACKGROUND
- ADDED CONDENSER LINE SETS FOR COORDINATION BETWEEN CM PLUMBING

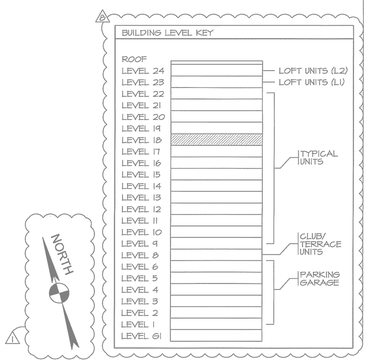
3 - CORRECTED BUILDING KEY



BUILDING - LEVEL 17 - COLD WATER

1/8" = 1'-0"

ALL PLUMBING SHALL BE IN ACCORDANCE WITH CITY OF AUSTIN ADOPTED PLUMBING CODES.
REVIEWED WSW DATE 7-2-13
The granting of a permit for, or approval of these plans and specifications shall not be construed to be a permit for, or approval of, any violation of any of the provisions of the currently adopted plumbing code or any other ordinance of the City of Austin.



515 CONGRESS AVE
SUITE 1600
AUSTIN, TEXAS 78701

512.473.0923
512.473.0177

© RHODE PARTNERS, 2012

7th & Rio Grande Apartments

615 West 7th Street
Austin, Texas 78701

PROJECT NUMBER - 111009

OWNER
BEHRINGER HARVARD
CWS CAPITAL PARTNERS LLC
9606 N. Mopac Expwy, Suite 500
Austin, Texas 78759
512.837.3028 p

GENERAL CONTRACTOR
J.E. DUNN CONSTRUCTION
901 S. Mopac Expressaway
Barton Oaks Plaza II , Ste. 375
Austin, TX 78746
512.687.6119

ARCHITECT
RHODE PARTNERS
515 Congress Avenue, Suite 1600
Austin, TX 78701
512.473.0923 p

CIVIL ENGINEER
BURY + PARTNERS
221 W 6th Street Ste 600
Austin, Texas 78701
512.791.3311 p

STRUCTURAL ENGINEER
ARCHITECTURAL ENGINEERS COLLABORATIVE
106 East Sixth Street, Suite 450
Austin, Texas 78701
512.472.2111 p

MEP ENGINEER
EN-INCORPORATED
13581 Pond Srpings Road, Suite 400
Austin, Texas 78729
512.918.9315 p

INTERIOR DESIGNER
KEATON INTERIORS
4901 Keller Springs Rd. Ste. 100B
Addison, TX 75001
972.233.9100

LANDSCAPE ARCHITECT
D CRAIN
1621 Willow Street
Austin, TX 78702
512.480.8008 p

EN,INC. F-2473 06/12/13

IF THIS DOCUMENT IS NOT SIGNED, SEALED, AND DATED, IT MAY NOT BE USED FOR REGULATORY APPROVAL, PERMIT OR CONSTRUCTION

DESCRIPTION	DATE
100% SCHEMATIC DESIGN	02/08/2012
DD - INTERIM PRICING SET	03/30/2012
100% DESIGN DEVELOPMENT	05/04/2012
AEGB REVIEW	05/31/2012
ISSUED FOR REVIEW AND PERMIT	06/11/2012
PERMIT RESPONSE 1	8/28/2012
95% CONSTRUCTION DOCUMENTS	10/05/2012
PERMIT RESPONSE 2	11/08/2012
AFD RESPONSE	01/22/2013
ISSUED FOR CONSTRUCTION	02/01/2013
ISSUED FOR CONSTRUCTION	02/07/2013
REVISION #7	05/20/2013
REVISION #8	06/12/2013

BUILDING - LEVEL 17 COLD WATER

PC2.17

PLUMBING LEGEND	
	CW/HW/ICE SUPPLY PIPING
2"	PIPE SIZE REVISION

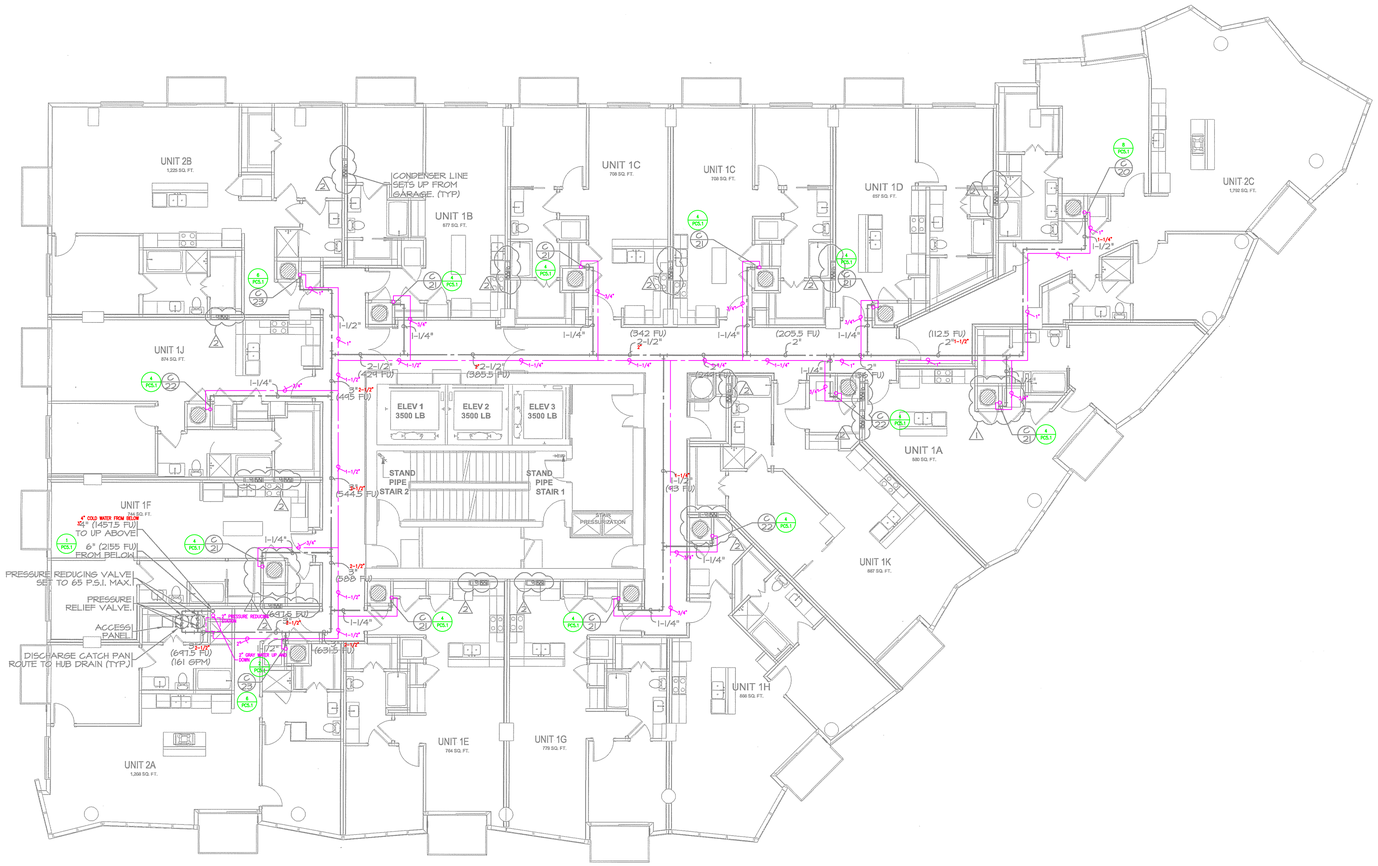
PLBG NOTES

1. ALL VERTICAL AND HORIZONTAL DOMESTIC WATER PIPING ABOVE FLOOR TO BE INSULATED - 1" FIBERGLASS INSULATION WITH VAPOR BARRIER.
2. SANITARY SEWER, FIRE PROTECTION LINE & DOMESTIC WATER SERVICE VARY AT EACH BLDG. CONTR. TO VERIFY EXACT SERVICE POINTS WITH CIVIL DRAWINGS & SITE UTILITY PLAN PRIOR TO INSTALLATION OF LINES.
3. REFER TO 1/4" SCALE TYPICAL UNIT PLANS FOR INDIVIDUAL UNIT WATER LAYOUTS.
4. ALL DOMESTIC WATER PIPING IN GARAGE SHALL BE INSULATED W/ 2" FIBERGLASS W/ ALL-PURPOSE JACKET.

1 - UPDATED BACKGROUND
- ADJUSTED PLUMBING
- CORRECTED NORTH ARROW

2 - UPDATED BACKGROUND
- ADDED CONDENSER LINE SETS FOR COORDINATION BETWEEN GA PLUMBING

3 - CORRECTED BUILDING KEY



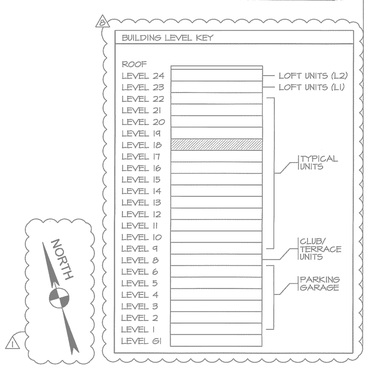
BUILDING - LEVEL 17 - COLD WATER

1/8" = 1'-0"

ALL PLUMBING SHALL BE IN ACCORDANCE WITH CITY OF AUSTIN ADOPTED PLUMBING CODES.

REVIEWED DATE 7-2-13

The granting of a permit for, or approval of these plans and specifications shall not be construed to be a permit for, or approval of, any violation of any of the provisions of the currently adopted plumbing code or any other ordinance of the City of Austin.



515 CONGRESS AVE
SUITE 1600
AUSTIN, TEXAS 78701

512.473.0923
512.473.0177

© RHODE PARTNERS, 2012

7th & Rio Grande Apartments

615 West 7th Street
Austin, Texas 78701

PROJECT NUMBER - 111009

OWNER
BEHRINGER HARVARD
CWS CAPITAL PARTNERS LLC
9606 N. Mopac Expwy, Suite 500
Austin, Texas 78759
512.837.3028 p

GENERAL CONTRACTOR
J.E. DUNN CONSTRUCTION
901 S. Mopac Expressway
Barton Oaks Plaza II , Ste. 375
Austin, TX 78746
512.687.6119

ARCHITECT
RHODE PARTNERS
515 Congress Avenue, Suite 1600
Austin, TX 78701
512.473.0923 p

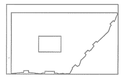
CIVIL ENGINEER
BURY + PARTNERS
221 W 6th Street Ste 600
Austin, Texas 78701
512.791.3311 p

STRUCTURAL ENGINEER
ARCHITECTURAL ENGINEERS COLLABORATIVE
106 East Sixth Street, Suite 450
Austin, Texas 78701
512.472.2111 p

MEP ENGINEER
EN-INCORPORATED
13581 Pond Srpings Road, Suite 400
Austin, Texas 78729
512.918.9315 p

INTERIOR DESIGNER
KEATON INTERIORS
4901 Keller Springs Rd. Ste. 100B
Addison, TX 75001
972.233.9100

LANDSCAPE ARCHITECT
D CRAIN
1621 Willow Street
Austin, TX 78702
512.480.8008 p



EN,INC. F-2473 06/12/13

IF THIS DOCUMENT IS NOT SIGNED, SEALED, AND DATED, IT MAY NOT BE USED FOR REGULATORY APPROVAL, PERMIT OR CONSTRUCTION

DESCRIPTION	DATE
100% SCHEMATIC DESIGN	02/06/2012
DD - INTERIM PRICING SET	03/30/2012
100% DESIGN DEVELOPMENT	05/04/2012
AEGB REVIEW	05/31/2012
ISSUED FOR REVIEW AND PERMIT	06/11/2012
PERMIT RESPONSE 1	8/28/2012
95% CONSTRUCTION DOCUMENTS	10/05/2012
PERMIT RESPONSE 2	11/08/2012
AFD RESPONSE	01/22/2013
ISSUED FOR CONSTRUCTION	02/01/2013
ISSUED FOR CONSTRUCTION	02/07/2013
REVISION #7	05/20/2013
REVISION #8	06/12/2013

BUILDING - LEVEL 17 COLD WATER

PC2.17

PLBG NOTES

1. ALL VERTICAL AND HORIZONTAL DOMESTIC WATER PIPING ABOVE FLOOR TO BE INSULATED - 1" FIBERGLASS INSULATION WITH VAPOR BARRIER.
2. SANITARY SEWER, FIRE PROTECTION LINE & DOMESTIC WATER SERVICE VARY AT EACH BLDG. CONTR. TO VERIFY EXACT SERVICE POINTS WITH CIVIL DRAWINGS & SITE UTILITY PLAN PRIOR TO INSTALLATION OF LINES.
3. REFER TO 1/4" SCALE TYPICAL UNIT PLANS FOR INDIVIDUAL UNIT WATER LAYOUTS.
4. ALL DOMESTIC WATER PIPING IN GARAGE SHALL BE INSULATED W/ 2" FIBERGLASS W/ ALL-PURPOSE JACKET.

BUILDING - LEVEL 18 - COLD WATER

1/8" = 1'-0"

△1 - UPDATED BACKGROUND
- ADJUSTED PLUMBING
- CORRECTED NORTH ARROW

△2 - UPDATED BACKGROUND
- ADDED CONDENSER LINE SETS FOR COORDINATION BETWEEN CM PLUMBING

△3 - CORRECTED BUILDING KEY

ALL PLUMBING SHALL BE IN ACCORDANCE WITH CITY OF AUSTIN ADOPTED PLUMBING CODES.
REVIEWED WSW DATE 7-2-13
The granting of a permit for, or approval of these plans and specifications shall not be construed to be a permit for, or approval of, any violation of any of the provisions of the currently adopted plumbing code or any other ordinance of the City of Austin.

△4

BUILDING LEVEL KEY

ROOF
LEVEL 24
LEVEL 23
LEVEL 22
LEVEL 21
LEVEL 20
LEVEL 19
LEVEL 18
LEVEL 17
LEVEL 16
LEVEL 15
LEVEL 14
LEVEL 13
LEVEL 12
LEVEL 11
LEVEL 10
LEVEL 9
LEVEL 8
LEVEL 5
LEVEL 4
LEVEL 3
LEVEL 2
LEVEL 1
LEVEL G1

LOFT UNITS (L2)
LOFT UNITS (L1)
TYPICAL UNITS
CLUB/ TERRACE UNITS
PARKING GARAGE

NORTH

515 CONGRESS AVE
SUITE 1600
AUSTIN, TEXAS 78701

512.473.0923
512.473.0177

© RHODE PARTNERS, 2012

7th & Rio Grande Apartments

615 West 7th Street
Austin, Texas 78701

PROJECT NUMBER - 111009

OWNER
BEHRINGER HARVARD
CWS CAPITAL PARTNERS LLC
9606 N. Mopac Expwy, Suite 500
Austin, Texas 78759
512.837.3028 p

GENERAL CONTRACTOR
J.E. DUNN CONSTRUCTION
901 S. Mopac Expressway
Barton Oaks Plaza II, Ste. 375
Austin, TX 78746
512.687.6119

ARCHITECT
RHODE PARTNERS
515 Congress Avenue, Suite 1600
Austin, TX 78701
512.473.0923 p

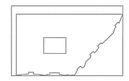
CIVIL ENGINEER
BURY + PARTNERS
221 W 6th Street Ste 600
Austin, Texas 78701
512.791.3311 p

STRUCTURAL ENGINEER
ARCHITECTURAL ENGINEERS COLLABORATIVE
106 East Sixth Street, Suite 450
Austin, Texas 78701
512.472.2111 p

MEP ENGINEER
EN-INCORPORATED
13581 Pond Srpings Road, Suite 400
Austin, Texas 78729
512.918.9315 p

INTERIOR DESIGNER
KEATON INTERIORS
4901 Keller Springs Rd. Ste. 108B
Addison, TX 75001
972.233.9100

LANDSCAPE ARCHITECT
D CRAIN
1621 Willow Street
Austin, TX 78702
512.480.8008 p



EN,INC. F-2473 06/12/13

IF THIS DOCUMENT IS NOT SIGNED, SEALED, AND DATED, IT MAY NOT BE USED FOR REGULATORY APPROVAL, PERMIT OR CONSTRUCTION

DESCRIPTION	DATE
100% SCHEMATIC DESIGN	02/06/2012
DD - INTERIM PRICING SET	03/30/2012
100% DESIGN DEVELOPMENT	05/04/2012
AEGB REVIEW	05/31/2012
ISSUED FOR REVIEW AND PERMIT	06/11/2012
PERMIT RESPONSE 1	8/28/2012
95% CONSTRUCTION DOCUMENTS	10/05/2012
PERMIT RESPONSE 2	11/08/2012
AFD RESPONSE	01/22/2013
ISSUED FOR CONSTRUCTION	02/01/2013
ISSUED FOR CONSTRUCTION	02/07/2013
REVISION #7	05/20/2013
REVISION #8	06/12/2013

BUILDING - LEVEL 18 COLD WATER

PC2.18

PLBG NOTES

1. ALL VERTICAL AND HORIZONTAL DOMESTIC WATER PIPING ABOVE FLOOR TO BE INSULATED - 1" FIBERGLASS INSULATION WITH VAPOR BARRIER.
2. SANITARY SEWER, FIRE PROTECTION LINE & DOMESTIC WATER SERVICE VARY AT EACH BLDG. CONTR. TO VERIFY EXACT SERVICE POINTS WITH CIVIL DRAWINGS & SITE UTILITY PLAN PRIOR TO INSTALLATION OF LINES.
3. REFER TO 1/4" SCALE TYPICAL UNIT PLANS FOR INDIVIDUAL UNIT WATER LAYOUTS.
4. ALL DOMESTIC WATER PIPING IN GARAGE SHALL BE INSULATED W/ 2" FIBERGLASS W/ ALL-PURPOSE JACKET.

BUILDING - LEVEL 18 - COLD WATER

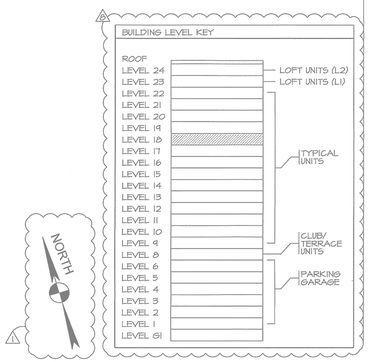
1/8" = 1'-0"

- UPDATED BACKGROUND
- ADJUSTED PLUMBING
- CORRECTED NORTH ARROW

- UPDATED BACKGROUND
- ADDED CONDENSER LINE SETS FOR COORDINATION BETWEEN CM PLUMBING

- CORRECTED BUILDING KEY

ALL PLUMBING SHALL BE IN ACCORDANCE WITH CITY OF AUSTIN ADOPTED PLUMBING CODES.
REVIEWED WEW DATE 7-2-13
The granting of a permit for, or approval of these plans and specifications shall not be construed to be a permit for, or approval of, any violation of any of the provisions of the currently adopted plumbing code or any other ordinance of the City of Austin.



515 CONGRESS AVE
SUITE 1600
AUSTIN, TEXAS 78701

512.473.0923
512.473.0177

© RHODE PARTNERS, 2012

7th & Rio Grande Apartments

615 West 7th Street
Austin, Texas 78701

PROJECT NUMBER - 111009

OWNER
BEHRINGER HARVARD
CWS CAPITAL PARTNERS LLC
9606 N. Mopac Expwy, Suite 500
Austin, Texas 78759
512.837.3028 p

GENERAL CONTRACTOR
J.E. DUNN CONSTRUCTION
901 S. Mopac Expressway
Barton Oaks Plaza II, Ste. 375
Austin, TX 78746
512.687.6119

ARCHITECT
RHODE PARTNERS
515 Congress Avenue, Suite 1600
Austin, TX 78701
512.473.0923 p

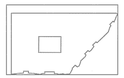
CIVIL ENGINEER
BURY + PARTNERS
221 W 6th Street Ste 600
Austin, Texas 78701
512.791.3311 p

STRUCTURAL ENGINEER
ARCHITECTURAL ENGINEERS COLLABORATIVE
106 East Sixth Street, Suite 450
Austin, Texas 78701
512.472.2111 p

MEP ENGINEER
EN-INCORPORATED
13581 Pond Srpings Road, Suite 400
Austin, Texas 78729
512.918.9315 p

INTERIOR DESIGNER
KEATON INTERIORS
4901 Keller Springs Rd. Ste. 108B
Addison, TX 75001
972.233.9100

LANDSCAPE ARCHITECT
D CRAIN
1621 Willow Street
Austin, TX 78702
512.480.8008 p



EN,INC. F-2473 06/12/13

IF THIS DOCUMENT IS NOT SIGNED, SEALED, AND DATED, IT MAY NOT BE USED FOR REGULATORY APPROVAL, PERMIT OR CONSTRUCTION

DESCRIPTION	DATE
100% SCHEMATIC DESIGN	02/06/2012
DD - INTERIM PRICING SET	03/30/2012
100% DESIGN DEVELOPMENT	05/04/2012
AEGB REVIEW	05/31/2012
ISSUED FOR REVIEW AND PERMIT	06/11/2012
PERMIT RESPONSE 1	8/28/2012
95% CONSTRUCTION DOCUMENTS	10/05/2012
PERMIT RESPONSE 2	11/08/2012
AFD RESPONSE	01/22/2013
ISSUED FOR CONSTRUCTION	02/01/2013
ISSUED FOR CONSTRUCTION	02/07/2013
REVISION #7	05/20/2013
REVISION #8	06/12/2013

BUILDING - LEVEL 18 COLD WATER

PC2.18

PLBG NOTES

1. ALL VERTICAL AND HORIZONTAL DOMESTIC WATER PIPING ABOVE FLOOR TO BE INSULATED - 1" FIBERGLASS INSULATION WITH VAPOR BARRIER.
2. SANITARY SEWER, FIRE PROTECTION LINE & DOMESTIC WATER SERVICE VARY AT EACH BLDG. CONTR. TO VERIFY EXACT SERVICE POINTS WITH CIVIL DRAWINGS & SITE UTILITY PLAN PRIOR TO INSTALLATION OF LINES.
3. REFER TO 1/4" SCALE TYPICAL UNIT PLANS FOR INDIVIDUAL UNIT WATER LAYOUTS.
4. ALL DOMESTIC WATER PIPING IN GARAGE SHALL BE INSULATED W/ 2" FIBERGLASS W/ ALL-PURPOSE JACKET.

BUILDING - LEVEL 19 - COLD WATER

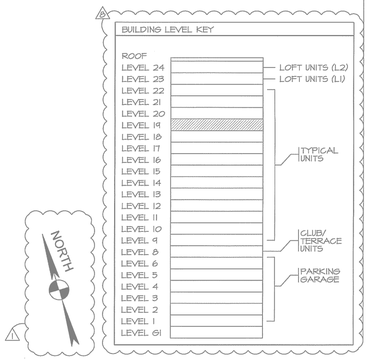
1/8" = 1'-0"

- UPDATED BACKGROUND
- ADJUSTED PLUMBING
- CORRECTED NORTH ARROW

- UPDATED BACKGROUND
- ADDED CONDENSER LINE SETS FOR COORDINATION BETWEEN GA PLUMBING

- CORRECTED BUILDING KEY

ALL PLUMBING SHALL BE IN ACCORDANCE WITH CITY OF AUSTIN ADOPTED PLUMBING CODES.
REVIEWED [illegible] DATE 7-2-13
The granting of a permit for, or approval of these plans and specifications shall not be construed to be a permit for, or approval of, any violation of any of the provisions of the currently adopted plumbing code or any other ordinances or BC 700.26 (Texas).



RHODE PARTNERS
515 CONGRESS AVE
SUITE 1600
AUSTIN, TEXAS 78701
512.473.0923
512.473.0177

© RHODE PARTNERS, 2012

7th & Rio Grande Apartments

615 West 7th Street
Austin, Texas 78701

PROJECT NUMBER - 111009

OWNER
BEHRINGER HARVARD
CWS CAPITAL PARTNERS LLC
9606 N. Mopac Expwy, Suite 500
Austin, Texas 78759
512.837.3028 p

GENERAL CONTRACTOR
J.E. DUNN CONSTRUCTION
901 S. Mopac Expressway
Barton Oaks Plaza II , Ste. 375
Austin, TX 78746
512.687.6119

ARCHITECT
RHODE PARTNERS
515 Congress Avenue, Suite 1600
Austin, TX 78701
512.473.0923 p

CIVIL ENGINEER
BURY + PARTNERS
221 W 6th Street Ste 600
Austin, Texas 78701
512.791.3311 p

STRUCTURAL ENGINEER
ARCHITECTURAL ENGINEERS COLLABORATIVE
106 East Sixth Street, Suite 450
Austin, Texas 78701
512.472.2111 p

MEP ENGINEER
EIN-INCORPORATED
13581 Pond Srpings Road, Suite 400
Austin, Texas 78729
512.918.6315 p

INTERIOR DESIGNER
KEATON INTERIORS
4901 Keller Springs Rd. Ste. 108B
Addison, TX 75001
972.233.9100

LANDSCAPE ARCHITECT
D CRAIN
1621 Willow Street
Austin, TX 78702
512.480.8008 p

EN,INC. F-2473 06/12/13

IF THIS DOCUMENT IS NOT SIGNED, SEALED, AND DATED, IT MAY NOT BE USED FOR REGULATORY APPROVAL, PERMIT OR CONSTRUCTION

DESCRIPTION	DATE
100% SCHEMATIC DESIGN	02/06/2012
DD - INTERIM PRICING SET	03/30/2012
100% DESIGN DEVELOPMENT	05/04/2012
AEGB REVIEW	05/31/2012
ISSUED FOR REVIEW AND PERMIT	06/11/2012
PERMIT RESPONSE 1	8/28/2012
95% CONSTRUCTION DOCUMENTS	10/05/2012
PERMIT RESPONSE 2	11/08/2012
AFD RESPONSE	01/22/2013
ISSUED FOR CONSTRUCTION	02/01/2013
ISSUED FOR CONSTRUCTION	02/07/2013
REVISION #7	05/20/2013
REVISION #8	06/12/2013
AH/DEN	

BUILDING - LEVEL 19 COLD WATER

PC2.19

PLUMBING LEGEND	
——	GRAYWATER SUPPLY PIPING
2"	PIPE SIZE REVISION

PLBG NOTES

1. ALL VERTICAL AND HORIZONTAL DOMESTIC WATER PIPING ABOVE FLOOR TO BE INSULATED - 1" FIBERGLASS INSULATION WITH VAPOR BARRIER.
2. SANITARY SEWER, FIRE PROTECTION LINE & DOMESTIC WATER SERVICE VARY AT EACH BLDG. CONTR. TO VERIFY EXACT SERVICE POINTS WITH CIVIL DRAWINGS & SITE UTILITY PLAN PRIOR TO INSTALLATION OF LINES.
3. REFER TO 1/4" SCALE TYPICAL UNIT PLANS FOR INDIVIDUAL UNIT WATER LAYOUTS.
4. ALL DOMESTIC WATER PIPING IN GARAGE SHALL BE INSULATED W/ 2" FIBERGLASS W/ ALL-PURPOSE JACKET.

△1 - UPDATED BACKGROUND
- ADJUSTED PLUMBING
- CORRECTED NORTH ARROW

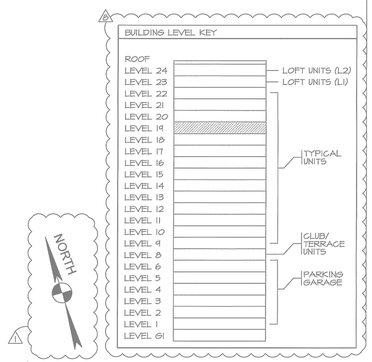
△2 - UPDATED BACKGROUND
- ADDED CONDENSER LINE SETS FOR COORDINATION BETWEEN GM PLUMBING

△3 - CORRECTED BUILDING KEY

BUILDING - LEVEL 19 - COLD WATER

1/8" = 1'-0"

ALL PLUMBING SHALL BE IN ACCORDANCE WITH CITY OF AUSTIN ADOPTED PLUMBING CODES.
REVIEWED [illegible] DATE 7-2-13
The granting of a permit for, or approval of these plans and specifications shall not be construed to be a permit for, or approval of, any violation of any of the provisions of the currently adopted plumbing code or any other ordinances or RC 266.36 Texas.



RHODE PARTNERS
515 CONGRESS AVE
SUITE 1600
AUSTIN, TEXAS 78701
512.473.0923
512.473.0177

© RHODE PARTNERS, 2012

7th & Rio Grande Apartments

615 West 7th Street
Austin, Texas 78701

PROJECT NUMBER - 111009

OWNER
BEHRINGER HARVARD
CWS CAPITAL PARTNERS LLC
9606 N. Mopac Expwy, Suite 500
Austin, Texas 78759
512.837.3028 p

GENERAL CONTRACTOR
J.E. DUNN CONSTRUCTION
901 S. Mopac Expressway
Barton Oaks Plaza II , Ste. 375
Austin, TX 78746
512.657.6119

ARCHITECT
RHODE PARTNERS
515 Congress Avenue, Suite 1600
Austin, TX 78701
512.473.0923 p

CIVIL ENGINEER
BURY + PARTNERS
221 W 6th Street Ste 600
Austin, Texas 78701
512.791.3311 p

STRUCTURAL ENGINEER
ARCHITECTURAL ENGINEERS COLLABORATIVE
106 East Sixth Street, Suite 450
Austin, Texas 78701
512.472.2111 p

MEP ENGINEER
EIN-INCORPORATED
13581 Pond Srpings Road, Suite 400
Austin, Texas 78729
512.918.6315 p

INTERIOR DESIGNER
KEATON INTERIORS
4901 Keller Springs Rd. Ste. 108B
Addison, TX 75001
972.233.9100

LANDSCAPE ARCHITECT
D CRAIN
1621 Willow Street
Austin, TX 78702
512.480.8008 p

EN,INC. F-2473 06/12/13

IF THIS DOCUMENT IS NOT SIGNED, SEALED, AND DATED, IT MAY NOT BE USED FOR REGULATORY APPROVAL, PERMIT OR CONSTRUCTION

DESCRIPTION	DATE
100% SCHEMATIC DESIGN	02/06/2012
DD - INTERIM PRICING SET	03/30/2012
100% DESIGN DEVELOPMENT	05/04/2012
AEGB REVIEW	05/31/2012
ISSUED FOR REVIEW AND PERMIT	06/11/2012
PERMIT RESPONSE 1	8/28/2012
95% CONSTRUCTION DOCUMENTS	10/05/2012
PERMIT RESPONSE 2	11/08/2012
AFD RESPONSE	01/22/2013
ISSUED FOR CONSTRUCTION	02/01/2013
ISSUED FOR CONSTRUCTION	02/07/2013
REVISION #7	05/20/2013
REVISION #8	06/12/2013
AH/DEN	

BUILDING - LEVEL 19 COLD WATER

PC2.19

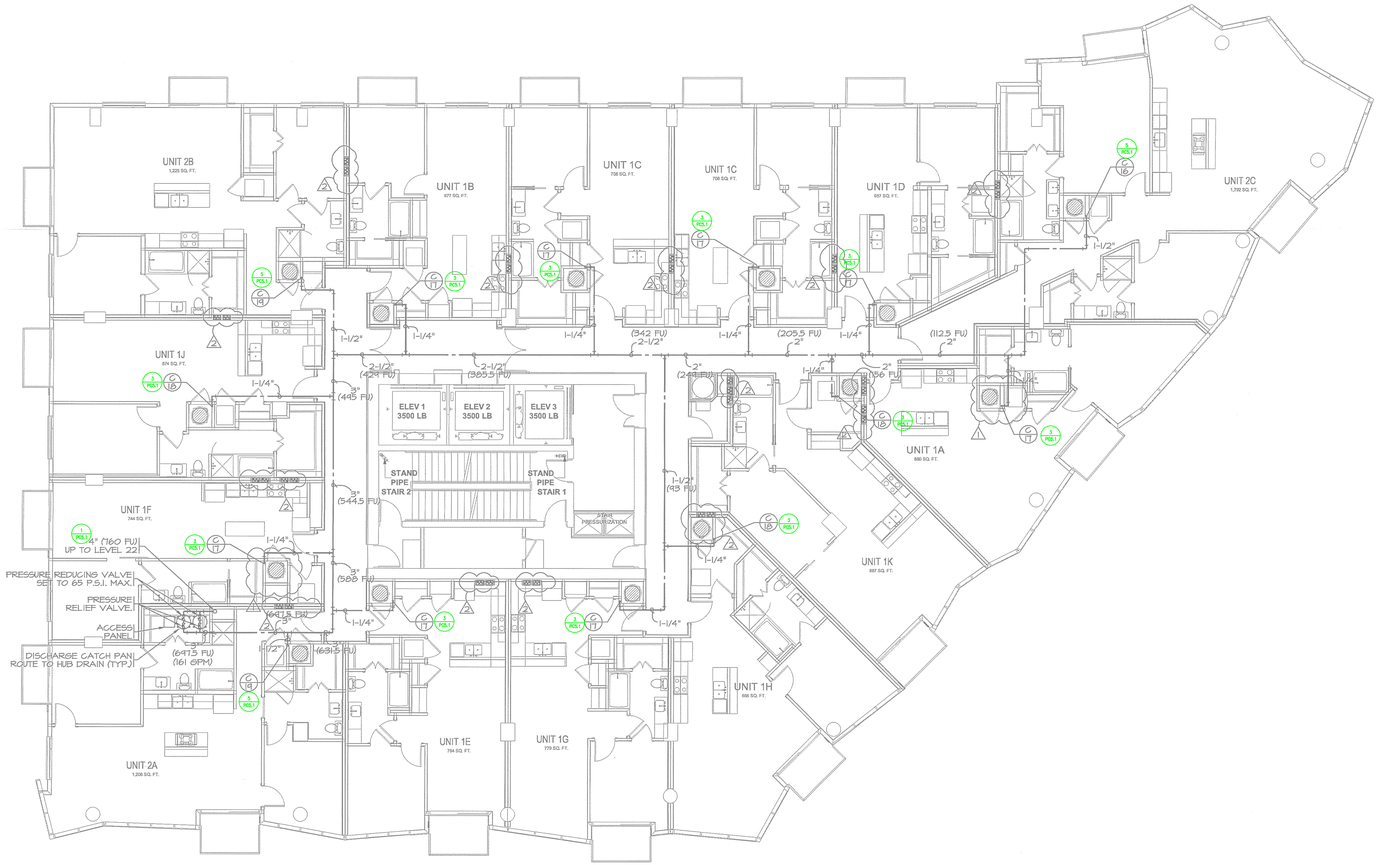
PLBG NOTES

1. ALL VERTICAL AND HORIZONTAL DOMESTIC WATER PIPING ABOVE FLOOR TO BE INSULATED - 1" FIBERGLASS INSULATION WITH VAPOR BARRIER.
2. SANITARY SEWER, FIRE PROTECTION LINE & DOMESTIC WATER SERVICE VARY AT EACH BLDG. CONTR. TO VERIFY EXACT SERVICE POINTS WITH CIVIL DRAWINGS & SITE UTILITY PLAN PRIOR TO INSTALLATION OF LINES.
3. REFER TO 1/4" SCALE TYPICAL UNIT PLANS FOR INDIVIDUAL UNIT WATER LAYOUTS.
4. ALL DOMESTIC WATER PIPING IN GARAGE SHALL BE INSULATED W/ 2" FIBERGLASS W/ ALL-PURPOSE JACKET.

△1 - UPDATED BACKGROUND
- ADJUSTED PLUMBING
- CORRECTED NORTH ARROW

△2 - UPDATED BACKGROUND
- ADDED CONDENSER LINE SETS FOR COORDINATION BETWEEN GM PLUMBING

△3 - CORRECTED BUILDING KEY



BUILDING - LEVEL 20 - COLD WATER

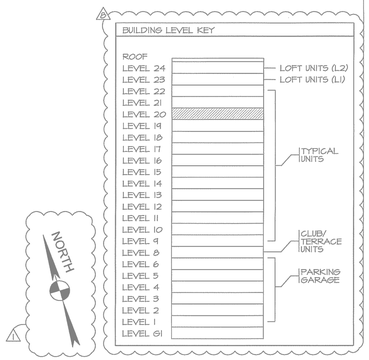
1/8" = 1'-0"

ALL PLUMBING SHALL BE IN ACCORDANCE WITH CITY OF AUSTIN ADOPTED PLUMBING CODES

REVIEWED WSW DATE 7-2-13

The granting of a permit for, or approval of these plans and specifications shall not be construed to be a permit for, or approval of, any violation of any of the provisions of the permits adopted building code or any other ordinance of the City of Austin.

△2 BUILDING LEVEL KEY



515 CONGRESS AVE
SUITE 1600
AUSTIN, TEXAS 78701

512.473.0923
512.473.0177

© RHODE PARTNERS, 2012

7th & Rio Grande Apartments

615 West 7th Street
Austin, Texas 78701

PROJECT NUMBER - 111009

OWNER
BEHRINGER HARVARD
CWS CAPITAL PARTNERS LLC
9606 N. Mopac Expwy, Suite 500
Austin, Texas 78759
512.837.3028 p

GENERAL CONTRACTOR
J.E. DUNN CONSTRUCTION
901 S. Mopac Expressway
Barton Oaks Plaza II, Ste. 375
Austin, TX 78746
512.687.6119

ARCHITECT
RHODE PARTNERS
515 Congress Avenue, Suite 1600
Austin, TX 78701
512.473.0923 p

CIVIL ENGINEER
BURY + PARTNERS
221 W 6th Street Ste 600
Austin, Texas 78701
512.791.3311 p

STRUCTURAL ENGINEER
ARCHITECTURAL ENGINEERS COLLABORATIVE
106 East Sixth Street, Suite 450
Austin, Texas 78701
512.472.2111 p

MEP ENGINEER
EN-INCORPORATED
13581 Pond Srpings Road, Suite 400
Austin, Texas 78729
512.918.9315 p

INTERIOR DESIGNER
KEATON INTERIORS
4901 Keller Springs Rd. Ste. 108B
Addison, TX 75001
972.233.9100

LANDSCAPE ARCHITECT
D CRAIN
1521 Willow Street
Austin, TX 78702
512.480.8008 p

EN,INC. F-2473 06/12/13

IF THIS DOCUMENT IS NOT SIGNED, SEALED, AND DATED, IT MAY NOT BE USED FOR REGULATORY APPROVAL, PERMIT OR CONSTRUCTION

DESCRIPTION	DATE
100% SCHEMATIC DESIGN	02/06/2012
DD - INTERIM PRICING SET	03/30/2012
100% DESIGN DEVELOPMENT	05/04/2012
AEGB REVIEW	05/31/2012
ISSUED FOR REVIEW AND PERMIT	06/11/2012
PERMIT RESPONSE 1	8/28/2012
95% CONSTRUCTION DOCUMENTS	10/05/2012
PERMIT RESPONSE 2	11/08/2012
AFD RESPONSE	01/22/2013
ISSUED FOR CONSTRUCTION	02/01/2013
ISSUED FOR CONSTRUCTION	02/07/2013
REVISION #7	05/20/2013
REVISION #8	06/12/2013

BUILDING - LEVEL 20 COLD WATER

PC2.20

PLUMBING LEGEND	
	GRAYWATER SUPPLY PIPING
2"	PIPE SIZE REVISION

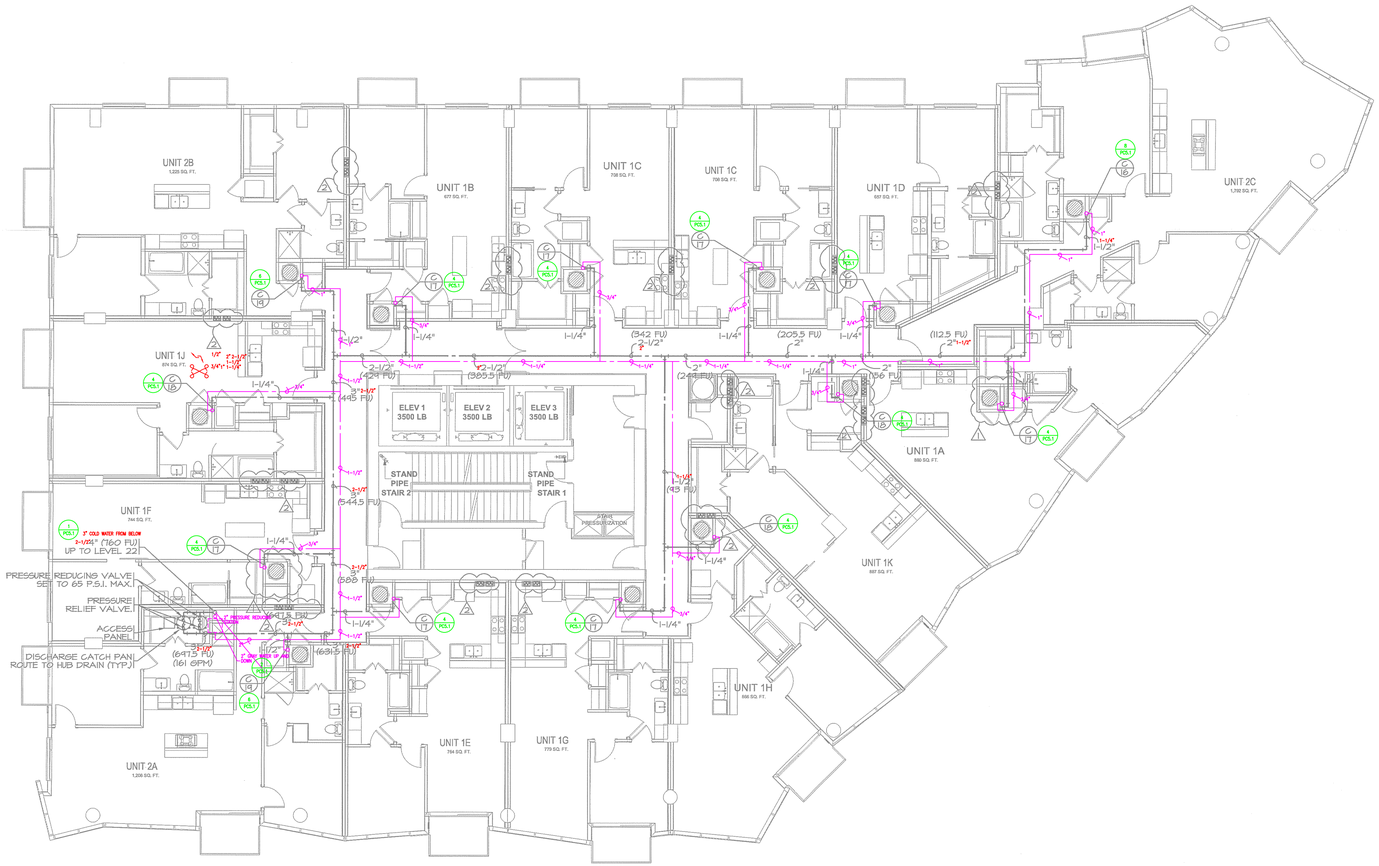
PLBG NOTES

1. ALL VERTICAL AND HORIZONTAL DOMESTIC WATER PIPING ABOVE FLOOR TO BE INSULATED - 1" FIBERGLASS INSULATION WITH VAPOR BARRIER.
2. SANITARY SEWER, FIRE PROTECTION LINE & DOMESTIC WATER SERVICE VARY AT EACH BLDG. CONTR. TO VERIFY EXACT SERVICE POINTS WITH CIVIL DRAWINGS & SITE UTILITY PLAN PRIOR TO INSTALLATION OF LINES.
3. REFER TO 1/4" SCALE TYPICAL UNIT PLANS FOR INDIVIDUAL UNIT WATER LAYOUTS.
4. ALL DOMESTIC WATER PIPING IN GARAGE SHALL BE INSULATED W/ 2" FIBERGLASS W/ ALL-PURPOSE JACKET.

1 - UPDATED BACKGROUND
- ADJUSTED PLUMBING
- CORRECTED NORTH ARROW

2 - UPDATED BACKGROUND
- ADDED CONDENSER LINE SETS FOR COORDINATION BETWEEN GM PLUMBING

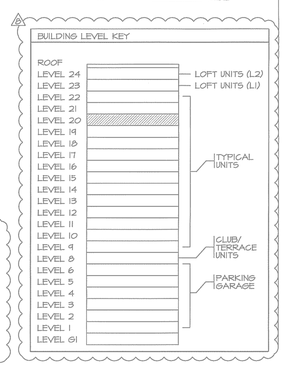
3 - CORRECTED BUILDING KEY



BUILDING - LEVEL 20 - COLD WATER

1/8" = 1'-0"

ALL PLUMBING SHALL BE IN ACCORDANCE WITH CITY OF AUSTIN ADOPTED PLUMBING CODES.
REVIEWED WSW DATE 7-2-13
The granting of a permit for, or approval of these plans and specifications shall not be construed to be a permit for, or approval of, any violation of any of the provisions of the City of Austin adopted plumbing code or any other ordinance or regulation of the City.



515 CONGRESS AVE
SUITE 1600
AUSTIN, TEXAS 78701

512.473.0923
512.473.0177

© RHODE PARTNERS, 2012

7th & Rio Grande Apartments

615 West 7th Street
Austin, Texas 78701

PROJECT NUMBER - 111009

OWNER
BEHRINGER HARVARD
CWS CAPITAL PARTNERS LLC
9606 N. Mopac Expwy, Suite 500
Austin, Texas 78759
512.837.3028 p

GENERAL CONTRACTOR
J.E. DUNN CONSTRUCTION
901 S. Mopac Expressway
Barton Oaks Plaza II, Ste. 375
Austin, TX 78746
512.687.6119

ARCHITECT
RHODE PARTNERS
515 Congress Avenue, Suite 1600
Austin, TX 78701
512.473.0023 p

CIVIL ENGINEER
BURY + PARTNERS
221 W 6th Street Ste 600
Austin, Texas 78701
512.791.3311 p

STRUCTURAL ENGINEER
ARCHITECTURAL ENGINEERS COLLABORATIVE
106 East Sixth Street, Suite 450
Austin, Texas 78701
512.472.2111 p

MEP ENGINEER
EN-INCORPORATED
13581 Pond Srpings Road, Suite 400
Austin, Texas 78729
512.918.9315 p

INTERIOR DESIGNER
KEATON INTERIORS
4901 Keller Springs Rd. Ste. 108B
Addison, TX 75001
972.233.9100

LANDSCAPE ARCHITECT
D CRAIN
1521 Willow Street
Austin, TX 78702
512.480.8008 p

EN,INC. F-2473 06/12/13

IF THIS DOCUMENT IS NOT SIGNED, SEALED, AND DATED, IT MAY NOT BE USED FOR REGULATORY APPROVAL, PERMIT OR CONSTRUCTION

DESCRIPTION	DATE
100% SCHEMATIC DESIGN	02/06/2012
DD - INTERIM PRICING SET	03/30/2012
100% DESIGN DEVELOPMENT	05/04/2012
AEGB REVIEW	05/31/2012
ISSUED FOR REVIEW AND PERMIT	06/11/2012
PERMIT RESPONSE 1	8/28/2012
95% CONSTRUCTION DOCUMENTS	10/05/2012
PERMIT RESPONSE 2	11/08/2012
AFD RESPONSE	01/22/2013
ISSUED FOR CONSTRUCTION	02/01/2013
ISSUED FOR CONSTRUCTION	02/07/2013
REVISION #7	05/20/2013
REVISION #8	06/12/2013

BUILDING - LEVEL 20 COLD WATER

PC2.20

PLBG NOTES

1. ALL VERTICAL AND HORIZONTAL DOMESTIC WATER PIPING ABOVE FLOOR TO BE INSULATED - 1" FIBERGLASS INSULATION WITH VAPOR BARRIER.
2. SANITARY SEWER, FIRE PROTECTION LINE & DOMESTIC WATER SERVICE VARY AT EACH BLDG. CONTR. TO VERIFY EXACT SERVICE POINTS WITH CIVIL DRAWINGS & SITE UTILITY PLAN PRIOR TO INSTALLATION OF LINES.
3. REFER TO 1/4" SCALE TYPICAL UNIT PLANS FOR INDIVIDUAL UNIT WATER LAYOUTS.
4. ALL DOMESTIC WATER PIPING IN GARAGE SHALL BE INSULATED W/ 2" FIBERGLASS W/ ALL-PURPOSE JACKET.

1 - UPDATED BACKGROUND
- ADJUSTED PLUMBING
- CORRECTED NORTH ARROW

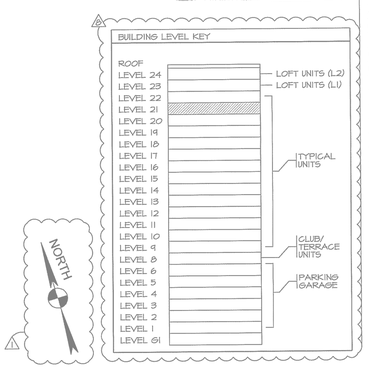
2 - UPDATED BACKGROUND
- ADDED CONDENSER LINE SETS FOR COORDINATION BETWEEN CM PLUMBING

3 - CORRECTED BUILDING KEY

BUILDING - LEVEL 21 - COLD WATER

1/8" = 1'-0"

ALL PLUMBING SHALL BE IN ACCORDANCE WITH CITY OF AUSTIN ADOPTED PLUMBING CODES.
REVIEWED WSW DATE 7-2-13
The granting of a permit for, or approval of these plans and specifications shall not be construed to be a permit for, or approval of, any violation of any of the provisions of the currently adopted plumbing code or any other ordinances of the City of Austin.



515 CONGRESS AVE.
SUITE 1600
AUSTIN, TEXAS 78701
512.473.9923
512.473.9177

© RHODE PARTNERS, 2012

7th & Rio Grande Apartments

615 West 7th Street
Austin, Texas 78701

PROJECT NUMBER - 111009

OWNER
BEHRINGER HARVARD
CWS CAPITAL PARTNERS LLC
9606 N. Mopac Expwy, Suite 500
Austin, Texas 78759
512.837.3028 p

GENERAL CONTRACTOR
J.E. DUNN CONSTRUCTION
901 S. Mopac Expressway
Barton Oaks Plaza II., Ste. 375
Austin, TX 78746
512.687.6119

ARCHITECT
RHODE PARTNERS
515 Congress Avenue, Suite 1600
Austin, TX 78701
512.473.9923 p

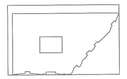
CIVIL ENGINEER
BURY + PARTNERS
221 W 6th Street Ste 600
Austin, Texas 78701
512.791.3311 p

STRUCTURAL ENGINEER
ARCHITECTURAL ENGINEERS COLLABORATIVE
106 East Sixth Street, Suite 450
Austin, Texas 78701
512.472.2111 p

MEP ENGINEER
EN-INCORPORATED
13581 Pond Srpings Road, Suite 400
Austin, Texas 78729
512.918.9315 p

INTERIOR DESIGNER
KEATON INTERIORS
4901 Keller Springs Rd. Ste. 106B
Addison, TX 75001
972.233.9100

LANDSCAPE ARCHITECT
D CRAIN
1621 Willow Street
Austin, TX 78702
512.480.8008 p



EN,INC. F-2473 06/12/13

IF THIS DOCUMENT IS NOT SIGNED, SEALED, AND DATED, IT MAY NOT BE USED FOR REGULATORY APPROVAL, PERMIT OR CONSTRUCTION

DESCRIPTION	DATE
100% SCHEMATIC DESIGN	02/06/2012
DD - INTERIM PRICING SET	03/30/2012
100% DESIGN DEVELOPMENT	05/04/2012
AEGB REVIEW	05/31/2012
ISSUED FOR REVIEW AND PERMIT	06/11/2012
PERMIT RESPONSE 1	8/28/2012
95% CONSTRUCTION DOCUMENTS	10/05/2012
PERMIT RESPONSE 2	11/08/2012
AFD RESPONSE	01/22/2013
ISSUED FOR CONSTRUCTION	02/01/2013
ISSUED FOR CONSTRUCTION	02/07/2013
REVISION #7	05/20/2013
REVISION #8	06/12/2013

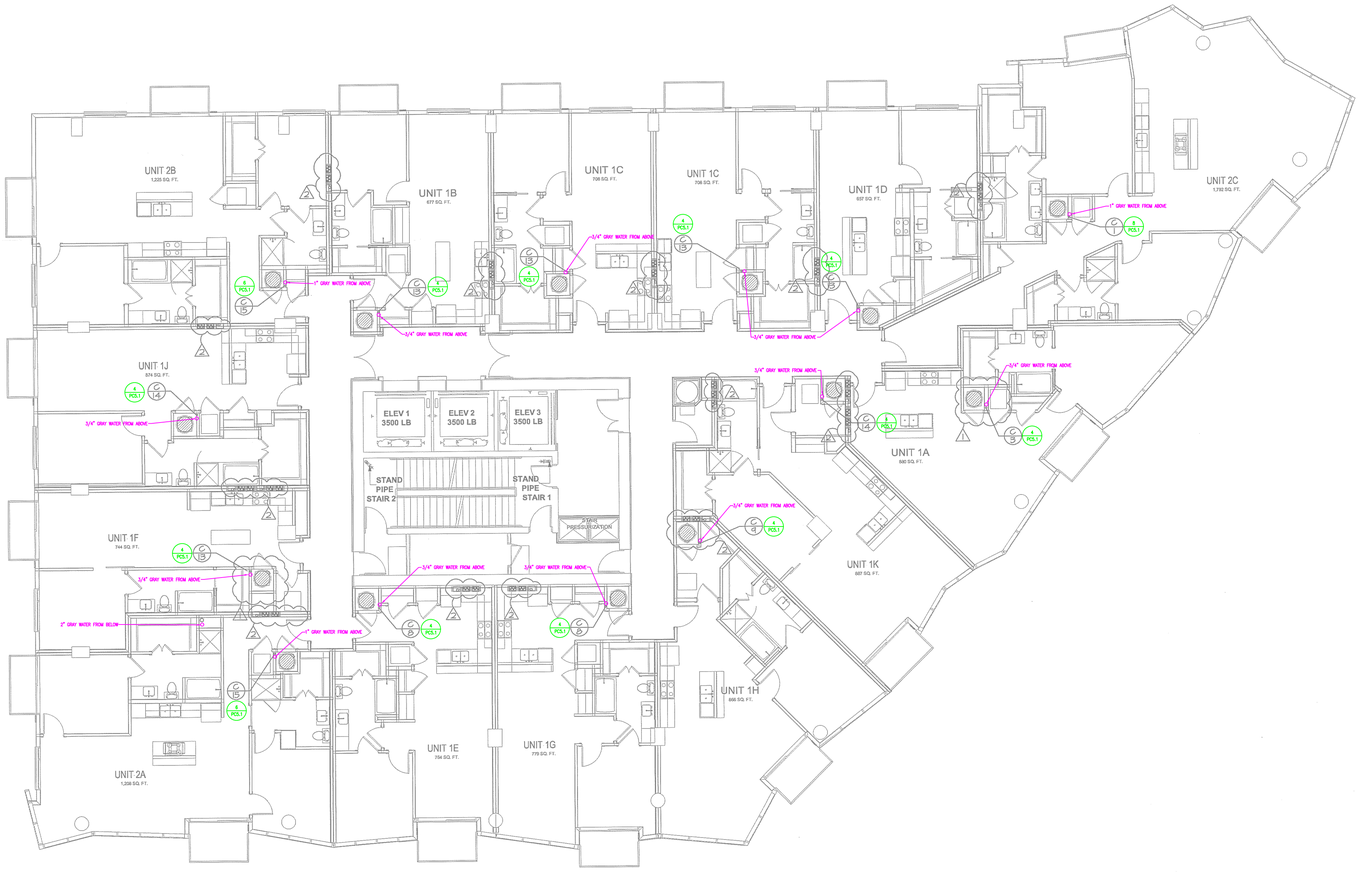
BUILDING - LEVEL 21 COLD WATER

PC2.21

PLUMBING LEGEND	
	GRAYWATER SUPPLY PIPING
2"	PIPE SIZE REVISION

PLBG NOTES

1. ALL VERTICAL AND HORIZONTAL DOMESTIC WATER PIPING ABOVE FLOOR TO BE INSULATED - 1" FIBERGLASS INSULATION WITH VAPOR BARRIER.
2. SANITARY SEWER, FIRE PROTECTION LINE & DOMESTIC WATER SERVICE VARY AT EACH BLDG. CONTR. TO VERIFY EXACT SERVICE POINTS WITH CIVIL DRAWINGS & SITE UTILITY PLAN PRIOR TO INSTALLATION OF LINES.
3. REFER TO 1/4" SCALE TYPICAL UNIT PLANS FOR INDIVIDUAL UNIT WATER LAYOUTS.
4. ALL DOMESTIC WATER PIPING IN GARAGE SHALL BE INSULATED W/ 2" FIBERGLASS W/ ALL-PURPOSE JACKET.



BUILDING - LEVEL 21 - COLD WATER

1/8" = 1'-0"

- UPDATED BACKGROUND
- ADJUSTED PLUMBING
- CORRECTED NORTH ARROW

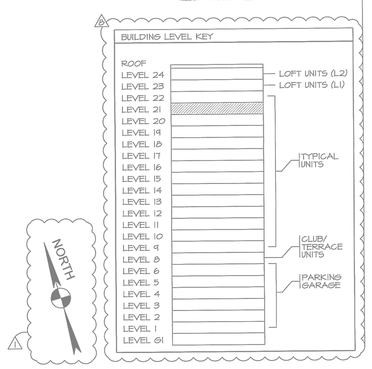
- UPDATED BACKGROUND
- ADDED CONDENSER LINE SETS FOR COORDINATION BETWEEN CIV PLUMBING

- CORRECTED BUILDING KEY

ALL PLUMBING SHALL BE IN ACCORDANCE WITH CITY OF AUSTIN ADOPTED PLUMBING CODES.

REVIEWED WSW DATE 7-2-13

The granting of a permit for, or approval of these plans and specifications shall not be construed to be a permit for, or approval of, any violation of any of the provisions of the currently adopted plumbing code or any other ordinances of the City of Austin.



515 CONGRESS AVE.
SUITE 1600
AUSTIN, TEXAS 78701

512.473.9923
512.473.9177

© RHODE PARTNERS, 2012

7th & Rio Grande Apartments

615 West 7th Street
Austin, Texas 78701

PROJECT NUMBER - 111009

OWNER
BEHRINGER HARVARD
CWS CAPITAL PARTNERS LLC
9606 N. Mopac Expwy, Suite 500
Austin, Texas 78759
512.837.3028 p

GENERAL CONTRACTOR
J.E. DUNN CONSTRUCTION
901 S. Mopac Expressway
Barton Oaks Plaza II , Ste. 375
Austin, TX 78746
512.687.6119

ARCHITECT
RHODE PARTNERS
515 Congress Avenue, Suite 1600
Austin, TX 78701
512.473.9923 p

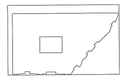
CIVIL ENGINEER
BURY + PARTNERS
221 W 6th Street Ste 600
Austin, Texas 78701
512.791.3311 p

STRUCTURAL ENGINEER
ARCHITECTURAL ENGINEERS COLLABORATIVE
106 East Sixth Street, Suite 450
Austin, Texas 78701
512.472.2111 p

MEP ENGINEER
EN-INCORPORATED
13581 Pond Srpings Road, Suite 400
Austin, Texas 78729
512.918.9315 p

INTERIOR DESIGNER
KEATON INTERIORS
4901 Keller Springs Rd. Sta. 106B
Addison, TX 75001
972.233.9100

LANDSCAPE ARCHITECT
D CRAIN
1621 Willow Street
Austin, TX 78702
512.480.8008 p



EN,INC. F-2473 06/12/13

IF THIS DOCUMENT IS NOT SIGNED, SEALED, AND DATED, IT MAY NOT BE USED FOR REGULATORY APPROVAL, PERMIT OR CONSTRUCTION

DESCRIPTION	DATE
100% SCHEMATIC DESIGN	02/06/2012
DD - INTERIM PRICING SET	03/30/2012
100% DESIGN DEVELOPMENT	05/04/2012
AEGB REVIEW	05/31/2012
ISSUED FOR REVIEW AND PERMIT	06/11/2012
PERMIT RESPONSE 1	8/28/2012
95% CONSTRUCTION DOCUMENTS	10/05/2012
PERMIT RESPONSE 2	11/08/2012
AFD RESPONSE	01/22/2013
ISSUED FOR CONSTRUCTION	02/01/2013
ISSUED FOR CONSTRUCTION	02/07/2013
REVISION #7	05/20/2013
REVISION #8	06/12/2013

BUILDING - LEVEL 21 COLD WATER

PC2.21

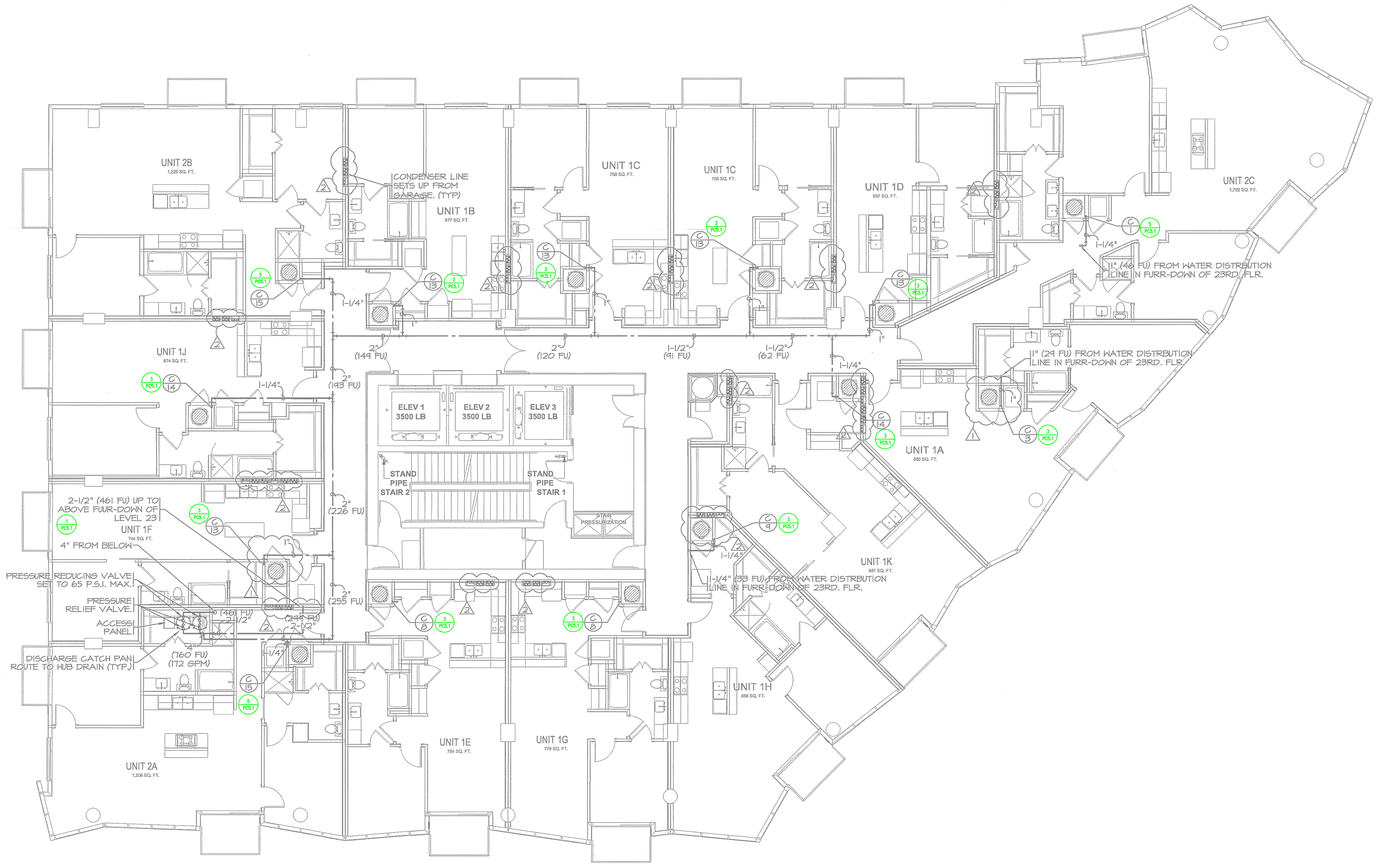
PLBG NOTES

1. ALL VERTICAL AND HORIZONTAL DOMESTIC WATER PIPING ABOVE FLOOR TO BE INSULATED - 1" FIBERGLASS INSULATION WITH VAPOR BARRIER.
2. SANITARY SEWER, FIRE PROTECTION LINE & DOMESTIC WATER SERVICE VARY AT EACH BLDG. CONTR. TO VERIFY EXACT SERVICE POINTS WITH CIVIL DRAWINGS & SITE UTILITY PLAN PRIOR TO INSTALLATION OF LINES.
3. REFER TO 1/4" SCALE TYPICAL UNIT PLANS FOR INDIVIDUAL UNIT WATER LAYOUTS.
4. ALL DOMESTIC WATER PIPING IN GARAGE SHALL BE INSULATED W/ 2" FIBERGLASS W/ ALL-PURPOSE JACKET.

1 - UPDATED BACKGROUND
- ADJUSTED PLUMBING
- CORRECTED NORTH ARROW

2 - UPDATED BACKGROUND
- ADDED CONDENSER LINE SETS FOR COORDINATION BETWEEN GA PLUMBING

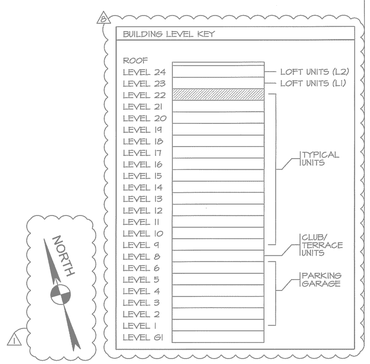
3 - CORRECTED BUILDING KEY



BUILDING - LEVEL 22 - COLD WATER

1/8" = 1'-0"

ALL PLUMBING SHALL BE IN ACCORDANCE WITH CITY OF AUSTIN ADOPTED PLUMBING CODES.
REVIEWED: WSN DATE 7-2-13
The granting of a permit for, or approval of these plans and specifications shall not be construed to be a permit for, or approval of, any violation of any of the provisions of the currently adopted plumbing code or any other ordinance of the City of Austin.



515 CONGRESS AVE
SUITE 1600
AUSTIN, TEXAS 78701

512.473.0923
512.473.0177

© RHODE PARTNERS, 2012

7th & Rio Grande Apartments

615 West 7th Street
Austin, Texas 78701

PROJECT NUMBER - 111009

OWNER
BEHRINGER HARVARD
CWS CAPITAL PARTNERS LLC
9606 N. Mopac Expwy, Suite 500
Austin, Texas 78759
512.837.3028 p

GENERAL CONTRACTOR
J.E. DUNN CONSTRUCTION
901 S. Mopac Expressway
Barton Oaks Plaza II , Ste. 375
Austin, TX 78746
512.687.6119

ARCHITECT
RHODE PARTNERS
515 Congress Avenue, Suite 1600
Austin, TX 78701
512.473.0923 p

CIVIL ENGINEER
BURY + PARTNERS
221 W 6th Street Ste 600
Austin, Texas 78701
512.791.3311 p

STRUCTURAL ENGINEER
ARCHITECTURAL ENGINEERS COLLABORATIVE
106 East Sixth Street, Suite 450
Austin, Texas 78701
512.472.2111 p

MEP ENGINEER
EN-INCORPORATED
13581 Pond Srpings Road, Suite 400
Austin, Texas 78729
512.918.5315 p

INTERIOR DESIGNER
KEATON INTERIORS
4901 Keller Springs Rd. Ste. 1068
Addison, TX 75001
972.233.9100

LANDSCAPE ARCHITECT
D CRAIN
1621 Willow Street
Austin, TX 78702
512.480.8008 p

EN,INC. F-2473 08/12/13

IF THIS DOCUMENT IS NOT SIGNED, SEALED, AND DATED, IT MAY NOT BE USED FOR REGULATORY APPROVAL, PERMIT OR CONSTRUCTION

DESCRIPTION	DATE
100% SCHEMATIC DESIGN	02/06/2012
DD - INTERIM PRICING SET	03/30/2012
100% DESIGN DEVELOPMENT	05/04/2012
AEGB REVIEW	05/31/2012
ISSUED FOR REVIEW AND PERMIT	06/11/2012
PERMIT RESPONSE 1	8/28/2012
95% CONSTRUCTION DOCUMENTS	10/05/2012
PERMIT RESPONSE 2	11/08/2012
AFD RESPONSE	01/22/2013
ISSUED FOR CONSTRUCTION	02/01/2013
ISSUED FOR CONSTRUCTION	02/07/2013
REVISION #7	05/20/2013
REVISION #8	06/12/2013

BUILDING - LEVEL 22
COLD WATER

PC2.22

PLUMBING LEGEND	
———	CRAFTWATER SUPPLY PIPING
2"	PIPE SIZE REVISION

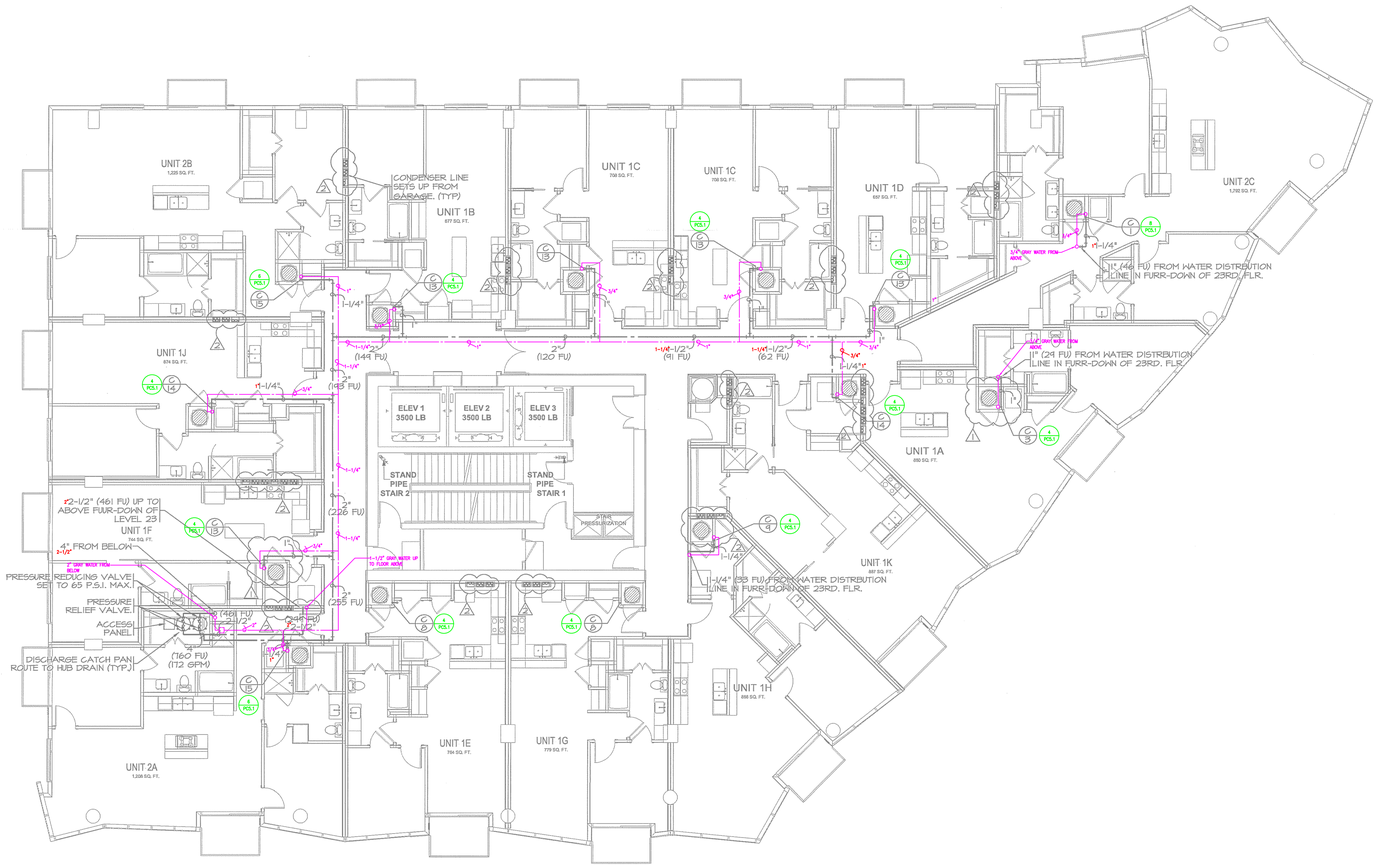
PLBG NOTES

1. ALL VERTICAL AND HORIZONTAL DOMESTIC WATER PIPING ABOVE FLOOR TO BE INSULATED - 1" FIBERGLASS INSULATION WITH VAPOR BARRIER.
2. SANITARY SEWER, FIRE PROTECTION LINE & DOMESTIC WATER SERVICE VARY AT EACH BLDG. CONTR. TO VERIFY EXACT SERVICE POINTS WITH CIVIL DRAWINGS & SITE UTILITY PLAN PRIOR TO INSTALLATION OF LINES.
3. REFER TO 1/4" SCALE TYPICAL UNIT PLANS FOR INDIVIDUAL UNIT WATER LAYOUTS.
4. ALL DOMESTIC WATER PIPING IN GARAGE SHALL BE INSULATED W/ 2" FIBERGLASS W/ ALL-PURPOSE JACKET.

1 - UPDATED BACKGROUND
- ADJUSTED PLUMBING
- CORRECTED NORTH ARROW

2 - UPDATED BACKGROUND
- ADDED CONDENSER LINE SETS FOR COORDINATION BETWEEN GA PLUMBING

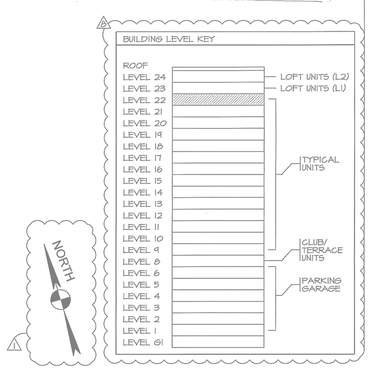
3 - CORRECTED BUILDING KEY



BUILDING - LEVEL 22 - COLD WATER

1/8" = 1'-0"

ALL PLUMBING SHALL BE IN ACCORDANCE WITH CITY OF AUSTIN ADOPTED PLUMBING CODES.
REVIEWED WSN DATE 7-2-13
The granting of a permit for, or approval of these plans and specifications shall not be construed to be a permit for, or approval of, any violation of any of the provisions of the currently adopted plumbing code or any other ordinance of the City of Austin.



RHODE PARTNERS
515 CONGRESS AVE
SUITE 1600
AUSTIN, TEXAS 78701
512.473.0923
512.473.0177

© RHODE PARTNERS, 2012

7th & Rio Grande Apartments

615 West 7th Street
Austin, Texas 78701

PROJECT NUMBER - 111009

OWNER
BEHRINGER HARVARD
CWS CAPITAL PARTNERS LLC
9606 N. Mopac Expwy, Suite 500
Austin, Texas 78759
512.837.3028 p

GENERAL CONTRACTOR
J.E. DUNN CONSTRUCTION
901 S. Mopac Expressway
Barton Oaks Plaza II , Ste. 375
Austin, TX 78746
512.687.6119

ARCHITECT
RHODE PARTNERS
515 Congress Avenue, Suite 1600
Austin, TX 78701
512.473.0923 p

CIVIL ENGINEER
BURY + PARTNERS
221 W 6th Street Ste 600
Austin, Texas 78701
512.791.3311 p

STRUCTURAL ENGINEER
ARCHITECTURAL ENGINEERS COLLABORATIVE
106 East Sixth Street, Suite 450
Austin, Texas 78701
512.472.2111 p

MEP ENGINEER
EN-INCORPORATED
13581 Pond Srpings Road, Suite 400
Austin, Texas 78729
512.918.9315 p

INTERIOR DESIGNER
KEATON INTERIORS
4901 Keller Springs Rd. Ste. 1068
Addison, TX 75001
972.233.9100

LANDSCAPE ARCHITECT
D CRAIN
1621 Willow Street
Austin, TX 78702
512.480.8008 p

EN,INC. F-2473 06/12/13

IF THIS DOCUMENT IS NOT SIGNED, SEALED, AND DATED, IT MAY NOT BE USED FOR REGULATORY APPROVAL, PERMIT OR CONSTRUCTION

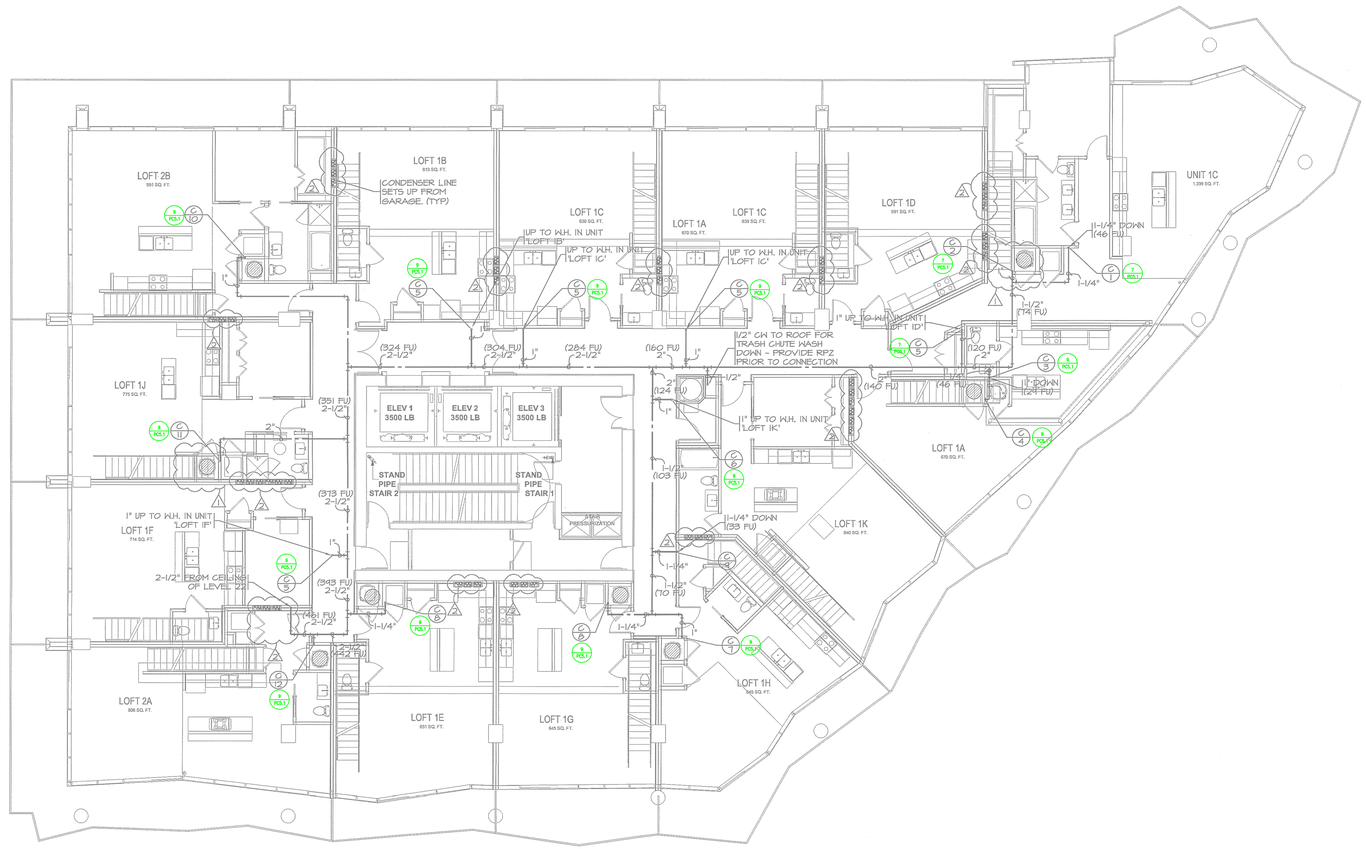
DESCRIPTION	DATE
100% SCHEMATIC DESIGN	02/06/2012
DD - INTERIM PRICING SET	03/30/2012
100% DESIGN DEVELOPMENT	05/04/2012
AEGB REVIEW	05/31/2012
ISSUED FOR REVIEW AND PERMIT	06/11/2012
PERMIT RESPONSE 1	8/28/2012
95% CONSTRUCTION DOCUMENTS	10/05/2012
PERMIT RESPONSE 2	11/08/2012
AFD RESPONSE	01/22/2013
ISSUED FOR CONSTRUCTION	02/01/2013
ISSUED FOR CONSTRUCTION	02/07/2013
REVISION #7	05/20/2013
REVISION #8	06/12/2013

BUILDING - LEVEL 22 COLD WATER

PC2.22

PLBG NOTES

1. ALL VERTICAL AND HORIZONTAL DOMESTIC WATER PIPING ABOVE FLOOR TO BE INSULATED - 1" FIBERGLASS INSULATION WITH VAPOR BARRIER.
2. SANITARY SEWER, FIRE PROTECTION LINE & DOMESTIC WATER SERVICE VARY AT EACH BLDG. CONTR. TO VERIFY EXACT SERVICE POINTS WITH CIVIL DRAWINGS & SITE UTILITY PLAN PRIOR TO INSTALLATION OF LINES.
3. REFER TO 1/4" SCALE TYPICAL UNIT PLANS FOR INDIVIDUAL UNIT WATER LAYOUTS.
4. ALL DOMESTIC WATER PIPING IN GARAGE SHALL BE INSULATED W/ 2" FIBERGLASS W/ ALL-PURPOSE JACKET.



BUILDING - LEVEL 23 - COLD WATER

1/8" = 1'-0"

- UPDATED BACKGROUND
- ADJUSTED PLUMBING
- CORRECTED NORTH ARROW

- UPDATED BACKGROUND
- ADDED CONDENSER LINE SETS FOR COORDINATION BETWEEN CM PLUMBING

- CORRECTED BUILDING KEY

ALL PRESSURE VACUUM BREAKER, ALL DOUBLE CHECK VALVE ASSEMBLIES, ALL REDUCED PRESSURE ZONE BACKFLOW PREVENTERS SHALL BE TESTED BY A CERTIFIED TESTER UPON INSTALLATION AND A COPY OF THE TEST REPORT BE FILED WITH THE CITY OF AUSTIN.

BACKFLOW PREVENTION ASSEMBLIES SHALL:
A. HAVE FULL USC FCCC&HR APPROVAL
B. BE OPERATIONALLY TESTED BY A BACKFLOW TESTER REGISTERED W/WWW. PLEASE DIRECT QUESTIONS TO/WWW: SPECIAL SERVICES DIV. AT 972-1060

ALL PLUMBING SHALL BE IN ACCORDANCE WITH CITY OF AUSTIN ADOPTED PLUMBING CODES.
REVIEWED WSH DATE 5-2-13
The granting of a permit or approval of these plans and specifications shall not be construed to be a permit for, or approval of, any violation of any of the provisions of the current adopted plumbing code or any other ordinance of the City of Austin.

BUILDING LEVEL KEY

ROOF	
LEVEL 24	LOFT UNITS (L2)
LEVEL 23	LOFT UNITS (L1)
LEVEL 22	TYPICAL UNITS
LEVEL 21	
LEVEL 20	
LEVEL 19	
LEVEL 18	
LEVEL 17	
LEVEL 16	
LEVEL 15	
LEVEL 14	
LEVEL 13	
LEVEL 12	
LEVEL 11	
LEVEL 10	
LEVEL 9	CLUB/ TERRACE UNITS
LEVEL 8	
LEVEL 6	PARKING GARAGE
LEVEL 5	
LEVEL 4	
LEVEL 3	
LEVEL 2	
LEVEL 1	
LEVEL B1	

NORTH

515 CONGRESS AVE
SUITE: 1600
AUSTIN, TEXAS 78701
512.473.0923
512.473.9172

© RHODE PARTNERS, 2012

7th & Rio Grande Apartments

615 West 7th Street
Austin, Texas 78701

PROJECT NUMBER - 111009

OWNER
BEHRINGER HARVARD
CWG CAPITAL PARTNERS LLC
9806 N. Mopac Expwy, Suite 500
Austin, Texas 78759
512.837.3028 p

GENERAL CONTRACTOR
J.E. DUNN CONSTRUCTION
901 S. Mopac Expressway
Barton Oaks Plaza II , Ste. 375
Austin, TX 78746
512.687.6119

ARCHITECT
RHODE PARTNERS
515 Congress Avenue, Suite 1600
Austin, TX 78701
512.473.0923 p

CIVIL ENGINEER
BURY + PARTNERS
221 W 6th Street Ste 600
Austin, Texas 78701
512.791.3311 p

STRUCTURAL ENGINEER
ARCHITECTURAL ENGINEERS COLLABORATIVE
106 East Sixth Street, Suite 450
Austin, Texas 78701
512.472.2111 p

MEP ENGINEER
EN-INCORPORATED
13581 Pond Srpings Road, Suite 400
Austin, Texas 78729
512.918.9315 p

INTERIOR DESIGNER
KEATON INTERIORS
4901 Keller Springs Rd. Ste. 106B
Addison, TX 75001
972.233.9100

LANDSCAPE ARCHITECT
D CRAIN
1621 Willow Street
Austin, TX 78702
512.480.8008 p

DAVID EDWARD NICHOLS
102295
LICENSED PROFESSIONAL ENGINEER

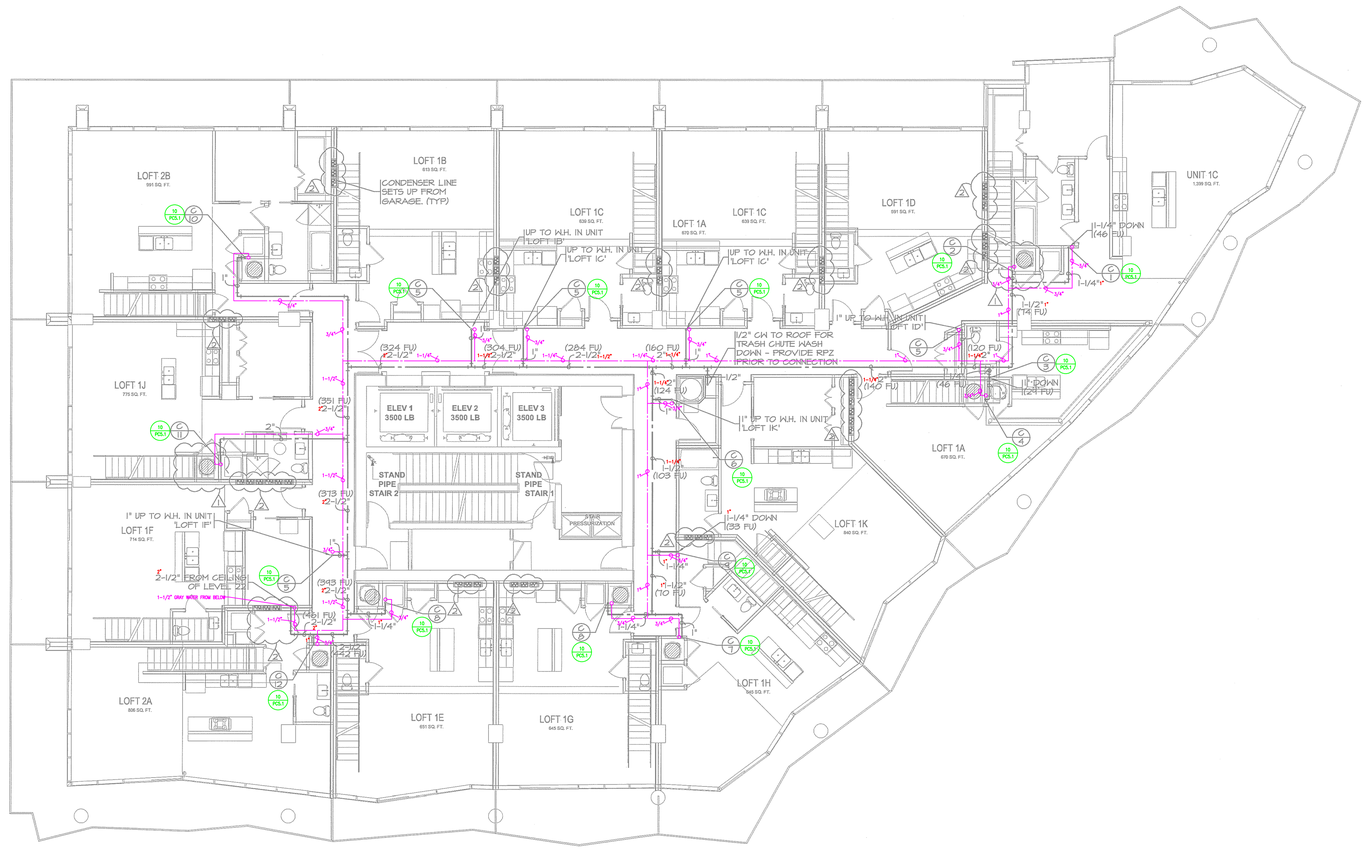
EN,INC. F-2473 06/12/13

IF THIS DOCUMENT IS NOT SIGNED, SEALED, AND DATED, IT MAY NOT BE USED FOR REGULATORY APPROVAL, PERMIT OR CONSTRUCTION

DESCRIPTION	DATE
100% SCHEMATIC DESIGN	02/06/2012
DD - INTERIM PRICING SET	03/30/2012
100% DESIGN DEVELOPMENT	05/04/2012
AIEGB REVIEW	05/31/2012
ISSUED FOR REVIEW AND PERMIT	06/11/2012
PERMIT RESPONSE 1	8/28/2012
95% CONSTRUCTION DOCUMENTS	10/05/2012
PERMIT RESPONSE 2	11/08/2012
AFD RESPONSE	01/22/2013
ISSUED FOR CONSTRUCTION	02/01/2013
ISSUED FOR CONSTRUCTION	02/07/2013
REVISION #7	05/20/2013
REVISION #8	06/12/2013

BUILDING - LEVEL 23
COLD WATER

PC2.23



BUILDING - LEVEL 23 - COLD WATER

1/8" = 1'-0"

PLUMBING LEGEND

	GRAYWATER SUPPLY PIPING
2"	PIPE SIZE REVISION

PLBG NOTES

1. ALL VERTICAL AND HORIZONTAL DOMESTIC WATER PIPING ABOVE FLOOR TO BE INSULATED - 1" FIBERGLASS INSULATION WITH VAPOR BARRIER.
2. SANITARY SEWER, FIRE PROTECTION LINE & DOMESTIC WATER SERVICE VARY AT EACH BLDG. CONTR. TO VERIFY EXACT SERVICE POINTS WITH CIVIL DRAWINGS & SITE UTILITY PLAN PRIOR TO INSTALLATION OF LINES.
3. REFER TO 1/4" SCALE TYPICAL UNIT PLANS FOR INDIVIDUAL UNIT WATER LAYOUTS.
4. ALL DOMESTIC WATER PIPING IN GARAGE SHALL BE INSULATED W/ 2" FIBERGLASS W/ ALL-PURPOSE JACKET.

1 - UPDATED BACKGROUND
- ADJUSTED PLUMBING
- CORRECTED NORTH ARROW

2 - UPDATED BACKGROUND
- ADDED CONDENSER LINE SETS FOR COORDINATION BETWEEN CW PLUMBING

3 - CORRECTED BUILDING KEY

ALL PRESSURE VACUUM BREAKER, ALL DOUBLE CHECK VALVE ASSEMBLIES, ALL REDUCED PRESSURE ZONE BACKFLOW PREVENTERS SHALL BE TESTED BY A CERTIFIED TESTER UPON INSTALLATION AND A COPY OF THE TEST REPORT BE FILED WITH THE CITY OF AUSTIN.

BACKFLOW PREVENTION ASSEMBLIES SHALL:
A. HAVE FULL USC FCCC&HR APPROVAL
B. BE OPERATIONALLY TESTED BY A BACKFLOW TESTER REGISTERED W/WWW. PLEASE DIRECT QUESTIONS TO/WWW: SPECIAL SERVICES DIV. AT 972-1060

ALL PLUMBING
SHALL BE IN ACCORDANCE WITH CITY OF AUSTIN ADOPTED PLUMBING CODES.
REVIEWED WSH DATE 5-2-13
The granting of a permit or approval of these plans and specifications shall not be construed to be a permit for, or approval of, any violation of any of the provisions of the currently adopted plumbing code or any other ordinance of the City of Austin.

BUILDING LEVEL KEY

ROOF	
LEVEL 24	LOFT UNITS (L2)
LEVEL 23	LOFT UNITS (L1)
LEVEL 22	TYPICAL UNITS
LEVEL 21	
LEVEL 20	
LEVEL 19	
LEVEL 18	
LEVEL 17	
LEVEL 16	
LEVEL 15	
LEVEL 14	
LEVEL 13	
LEVEL 12	
LEVEL 11	
LEVEL 10	
LEVEL 9	CLUB/ TERRACE UNITS
LEVEL 8	
LEVEL 6	PARKING GARAGE
LEVEL 5	
LEVEL 4	
LEVEL 3	
LEVEL 2	
LEVEL 1	
LEVEL B1	

NORTH

515 CONGRESS AVE
SUITE: 600
AUSTIN, TEXAS 78701

512.473.0923

512.473.9172

© RHODE PARTNERS, 2012

7th & Rio Grande Apartments

615 West 7th Street
Austin, Texas 78701

PROJECT NUMBER - 111009

OWNER
BEHRINGER HARVARD
CWG CAPITAL PARTNERS LLC
9606 N. Mopac Expwy, Suite 500
Austin, Texas 78759
512.837.3028 p

GENERAL CONTRACTOR
J.E. DUNN CONSTRUCTION
901 S. Mopac Expressway
Barton Oaks Plaza II , Ste. 375
Austin, TX 78746
512.687.6119

ARCHITECT
RHODE PARTNERS
515 Congress Avenue, Suite 1600
Austin, TX 78701
512.473.0923 p

CIVIL ENGINEER
BURY + PARTNERS
221 W 6th Street Ste 600
Austin, Texas 78701
512.791.3311 p

STRUCTURAL ENGINEER
ARCHITECTURAL ENGINEERS COLLABORATIVE
106 East Sixth Street, Suite 450
Austin, Texas 78701
512.472.2111 p

MEP ENGINEER
EN-INCORPORATED
13581 Pond Srpings Road, Suite 400
Austin, Texas 78729
512.918.9315 p

INTERIOR DESIGNER
KEATON INTERIORS
4901 Keller Springs Rd. Ste. 106B
Addison, TX 75001
972.233.9100

LANDSCAPE ARCHITECT
D DRAIN
1621 Willow Street
Austin, TX 78702
512.480.8008 p

DAVID EDWARD NICHOLS
102295
LICENSED PROFESSIONAL ENGINEER

EN,INC. F-2473 06/12/13

IF THIS DOCUMENT IS NOT SIGNED, SEALED, AND DATED, IT MAY NOT BE USED FOR REGULATORY APPROVAL, PERMIT OR CONSTRUCTION

DESCRIPTION	DATE
100% SCHEMATIC DESIGN	02/06/2012
DD - INTERIM PRICING SET	03/30/2012
100% DESIGN DEVELOPMENT	05/04/2012
AEGB REVIEW	05/31/2012
ISSUED FOR REVIEW AND PERMIT	06/11/2012
PERMIT RESPONSE 1	8/28/2012
95% CONSTRUCTION DOCUMENTS	10/05/2012
PERMIT RESPONSE 2	11/08/2012
AFD RESPONSE	01/22/2013
ISSUED FOR CONSTRUCTION	02/01/2013
ISSUED FOR CONSTRUCTION	02/07/2013
REVISION #7	05/20/2013
REVISION #8	06/12/2013

BUILDING - LEVEL 23
COLD WATER

PC2.23

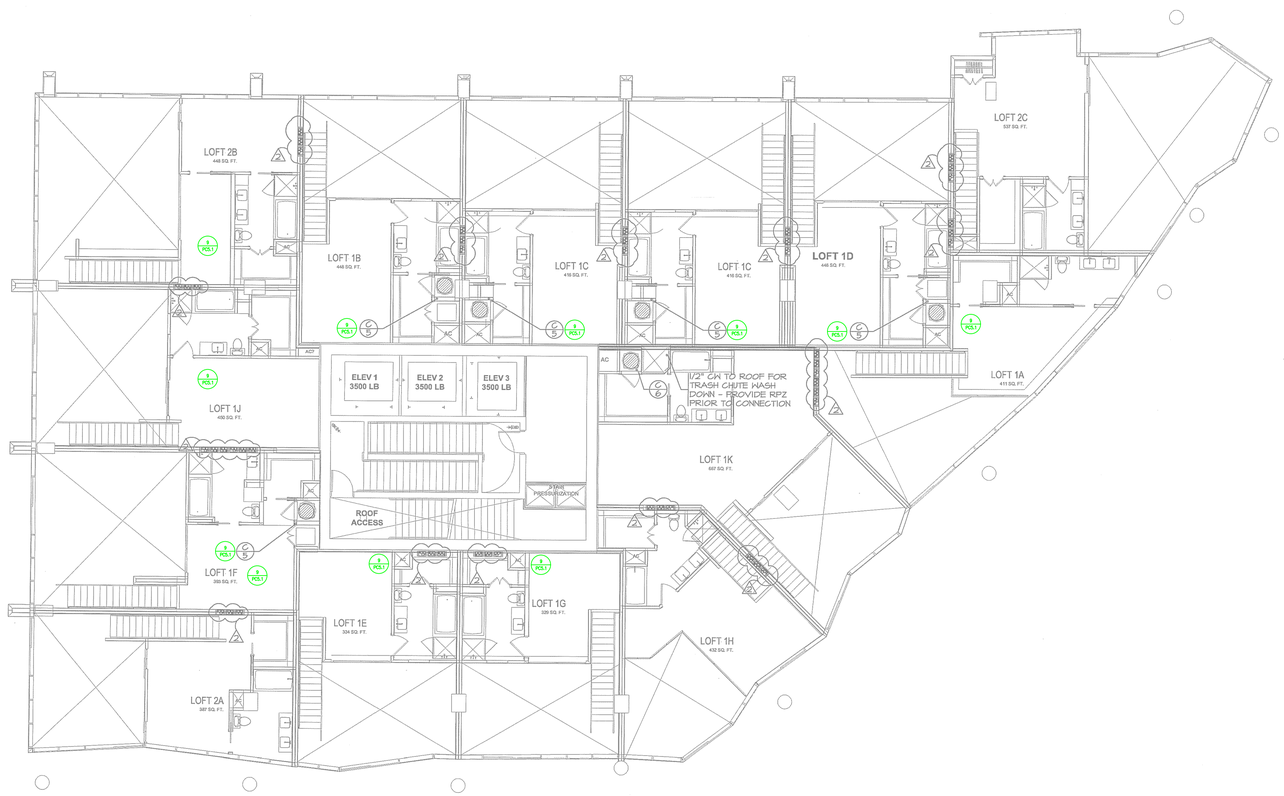
PLBG NOTES

1. ALL VERTICAL AND HORIZONTAL DOMESTIC WATER PIPING ABOVE FLOOR TO BE INSULATED - 1" FIBERGLASS INSULATION WITH VAPOR BARRIER.
2. SANITARY SEWER, FIRE PROTECTION LINE & DOMESTIC WATER SERVICE VARY AT EACH BLDG. CONTR. TO VERIFY EXACT SERVICE POINTS WITH CIVIL DRAWINGS & SITE UTILITY PLAN PRIOR TO INSTALLATION OF LINES.
3. REFER TO 1/4" SCALE TYPICAL UNIT PLANS FOR INDIVIDUAL UNIT WATER LAYOUTS.
4. ALL DOMESTIC WATER PIPING IN GARAGE SHALL BE INSULATED W/ 2" FIBERGLASS W/ ALL-PURPOSE JACKET.

1 - UPDATED BACKGROUND
- CORRECTED NORTH ARROW

2 - UPDATED BACKGROUND
- ADDED CONDENSER LINE SETS FOR COORDINATION BETWEEN GM PLUMBING

3 - CORRECTED BUILDING KEY



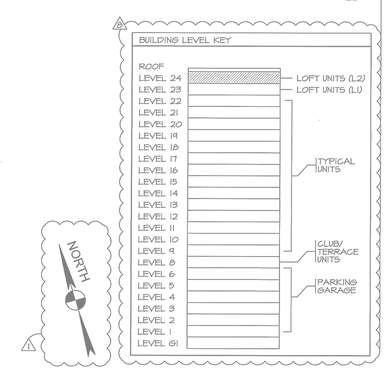
BUILDING - LEVEL 24 - COLD WATER

1/8" = 1'-0"

ALL PRESSURE VACUUM BREAKER, ALL DOUBLE CHECK VALVE ASSEMBLIES, ALL REDUCED PRESSURE ZONE BACKFLOW PREVENTERS SHALL BE TESTED BY A CERTIFIED TESTER UPON INSTALLATION AND A COPY OF THE TEST REPORT BE FILED WITH THE CITY OF AUSTIN.

BACKFLOW PREVENTION ASSEMBLIES SHALL:
A. HAVE FULL USC FCCCHR APPROVAL
B. BE OPERATIONALLY TESTED BY A BACKFLOW TESTER REGISTERED W/WWW. PLEASE DIRECT QUESTIONS TO/WWW. SPECIAL SERVICES DIV. AT 972-1060

ALL PLUMBING SHALL BE IN ACCORDANCE WITH CITY OF AUSTIN ADOPTED PLUMBING CODES.
REVIEWED WSW DATE 7-2-13
The granting of a permit for, or approval of these plans and specifications shall not be construed to be a permit for, or approval of, any violation of any of the provisions of the currently adopted plumbing code or any other ordinance of the City of Austin.



515 CONGRESS AVE
SUITE 1600
AUSTIN, TEXAS 78701
512 473 0923
512 473 0177

© RHODE PARTNERS, 2012

7th & Rio Grande Apartments

615 West 7th Street
Austin, Texas 78701

PROJECT NUMBER - 111009

OWNER
BEHRINGER HARVARD
CWS CAPITAL PARTNERS LLC
9606 N. Mopac Expwy, Suite 500
Austin, Texas 78759
512.837.3028 p

GENERAL CONTRACTOR
J.E. DUNN CONSTRUCTION
901 S. Mopac Expressway
Barton Oaks Plaza II , Ste. 375
Austin, TX 78746
512.687.6119

ARCHITECT
RHODE PARTNERS
515 Congress Avenue, Suite 1600
Austin, TX 78701
512.473.0923 p

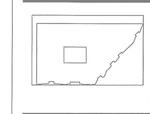
CIVIL ENGINEER
BURY + PARTNERS
221 W 6th Street Ste 600
Austin, Texas 78701
512.791.3311 p

STRUCTURAL ENGINEER
ARCHITECTURAL ENGINEERS COLLABORATIVE
106 East Sixth Street, Suite 450
Austin, Texas 78701
512.472.2111 p

MEP ENGINEER
EN-INCORPORATED
13561 Pond Springs Road, Suite 400
Austin, Texas 78729
512.918.9315 p

INTERIOR DESIGNER
KEATON INTERIORS
4901 Keller Springs Rd. Ste. 106B
Addison, TX 75001
972.233.9100

LANDSCAPE ARCHITECT
D CRAIN
1621 Willow Street
Austin, TX 78702
512.480.8009 p



EN,INC. F-2473 06/12/13

IF THIS DOCUMENT IS NOT SIGNED, SEALED, AND DATED, IT MAY NOT BE USED FOR REGULATORY APPROVAL, PERMIT OR CONSTRUCTION

DESCRIPTION	DATE
100% SCHEMATIC DESIGN	02/06/2012
DD - INTERIM PRICING SET	03/30/2012
100% DESIGN DEVELOPMENT	05/04/2012
AEGB REVIEW	05/31/2012
ISSUED FOR REVIEW AND PERMIT	06/11/2012
PERMIT RESPONSE 1	8/28/2012
95% CONSTRUCTION DOCUMENTS	10/05/2012
PERMIT RESPONSE 2	11/08/2012
AFD RESPONSE	01/22/2013
ISSUED FOR CONSTRUCTION	02/01/2013
ISSUED FOR CONSTRUCTION	02/07/2013
REVISION #7	05/20/2013
REVISION #8	06/12/2013

BUILDING - LEVEL 24 COLD WATER

PC2.24

PLUMBING LEGEND	
———	DRINKING SUPPLY PIPING
2"	PIPE SIZE REVISION

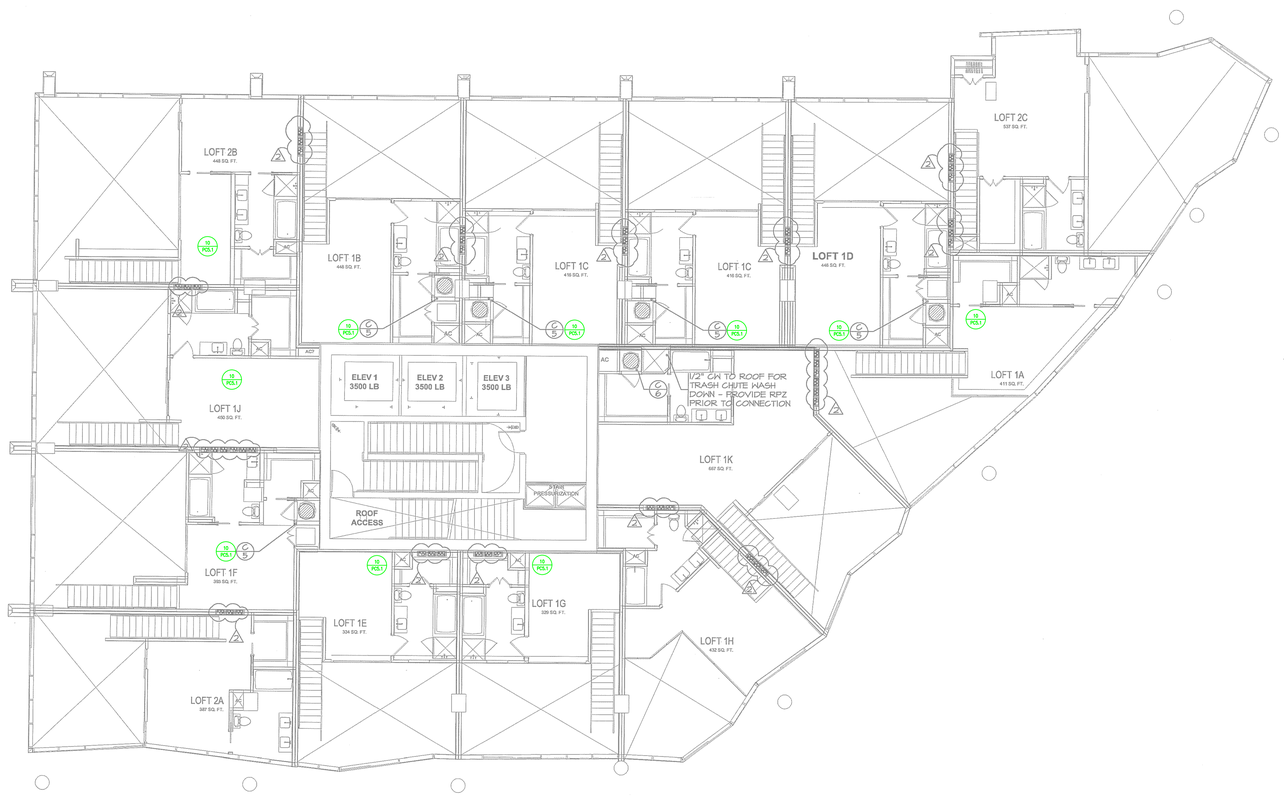
PLBG NOTES

1. ALL VERTICAL AND HORIZONTAL DOMESTIC WATER PIPING ABOVE FLOOR TO BE INSULATED - 1" FIBERGLASS INSULATION WITH VAPOR BARRIER.
2. SANITARY SEWER, FIRE PROTECTION LINE & DOMESTIC WATER SERVICE VARY AT EACH BLDG. CONTR. TO VERIFY EXACT SERVICE POINTS WITH CIVIL DRAWINGS & SITE UTILITY PLAN PRIOR TO INSTALLATION OF LINES.
3. REFER TO 1/4" SCALE TYPICAL UNIT PLANS FOR INDIVIDUAL UNIT WATER LAYOUTS.
4. ALL DOMESTIC WATER PIPING IN GARAGE SHALL BE INSULATED W/ 2" FIBERGLASS W/ ALL-PURPOSE JACKET.

1 - UPDATED BACKGROUND
- CORRECTED NORTH ARROW

2 - UPDATED BACKGROUND
- ADDED CONDENSER LINE SETS FOR COORDINATION BETWEEN GM PLUMBING

3 - CORRECTED BUILDING KEY



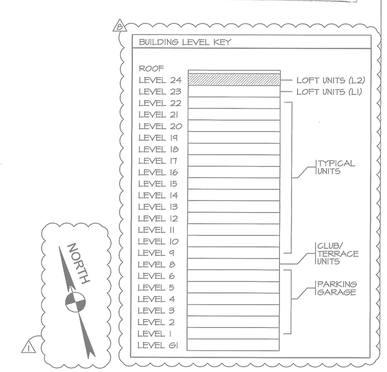
BUILDING - LEVEL 24 - COLD WATER

1/8" = 1'-0"

ALL PRESSURE VACUUM BREAKER, ALL DOUBLE CHECK VALVE ASSEMBLIES, ALL REDUCED PRESSURE ZONE BACKFLOW PREVENTERS SHALL BE TESTED BY A CERTIFIED TESTER UPON INSTALLATION AND A COPY OF THE TEST REPORT BE FILED WITH THE CITY OF AUSTIN.

BACKFLOW PREVENTION ASSEMBLIES SHALL:
A. HAVE FULL USC FCCCHR APPROVAL
B. BE OPERATIONALLY TESTED BY A BACKFLOW TESTER REGISTERED W/WWW. PLEASE DIRECT QUESTIONS TO/WWW. SPECIAL SERVICES DIV. AT 972-1060

ALL PLUMBING SHALL BE IN ACCORDANCE WITH CITY OF AUSTIN ADOPTED PLUMBING CODES.
REVIEWED WSW DATE 7-2-13
The granting of a permit for, or approval of these plans and specifications shall not be construed to be a permit for, or approval of, any violation of any of the provisions of the currently adopted plumbing code or any other ordinance of the City of Austin.



515 CONGRESS AVE
SUITE 1600
AUSTIN, TEXAS 78701
512 473 0923
512 473 0177

© RHODE PARTNERS, 2012

7th & Rio Grande Apartments

615 West 7th Street
Austin, Texas 78701

PROJECT NUMBER - 111009

OWNER
BEHRINGER HARVARD
CWS CAPITAL PARTNERS LLC
9606 N. Mopac Expwy, Suite 500
Austin, Texas 78759
512.837.3028 p

GENERAL CONTRACTOR
J.E. DUNN CONSTRUCTION
901 S. Mopac Expressway
Barton Oaks Plaza II , Ste. 375
Austin, TX 78746
512.687.6119

ARCHITECT
RHODE PARTNERS
515 Congress Avenue, Suite 1600
Austin, TX 78701
512.473.0923 p

CIVIL ENGINEER
BURY + PARTNERS
221 W 6th Street Ste 600
Austin, Texas 78701
512.791.3311 p

STRUCTURAL ENGINEER
ARCHITECTURAL ENGINEERS COLLABORATIVE
106 East Sixth Street, Suite 450
Austin, Texas 78701
512.472.2111 p

MEP ENGINEER
EN-INCORPORATED
13561 Pond Springs Road, Suite 400
Austin, Texas 78729
512.918.9315 p

INTERIOR DESIGNER
KEATON INTERIORS
4901 Keller Springs Rd. Ste. 106B
Addison, TX 75001
972.233.9100

LANDSCAPE ARCHITECT
D CRAIN
1621 Willow Street
Austin, TX 78702
512.480.8009 p

EN,INC. F-2473 06/12/13

IF THIS DOCUMENT IS NOT SIGNED, SEALED, AND DATED, IT MAY NOT BE USED FOR REGULATORY APPROVAL, PERMIT OR CONSTRUCTION

DESCRIPTION	DATE
100% SCHEMATIC DESIGN	02/06/2012
DD - INTERIM PRICING SET	03/30/2012
100% DESIGN DEVELOPMENT	05/04/2012
AEGB REVIEW	05/31/2012
ISSUED FOR REVIEW AND PERMIT	06/11/2012
PERMIT RESPONSE 1	8/28/2012
95% CONSTRUCTION DOCUMENTS	10/05/2012
PERMIT RESPONSE 2	11/08/2012
AFD RESPONSE	01/22/2013
ISSUED FOR CONSTRUCTION	02/01/2013
ISSUED FOR CONSTRUCTION	02/07/2013
REVISION #7	05/20/2013
REVISION #8	06/12/2013

BUILDING - LEVEL 24 COLD WATER

PC2.24

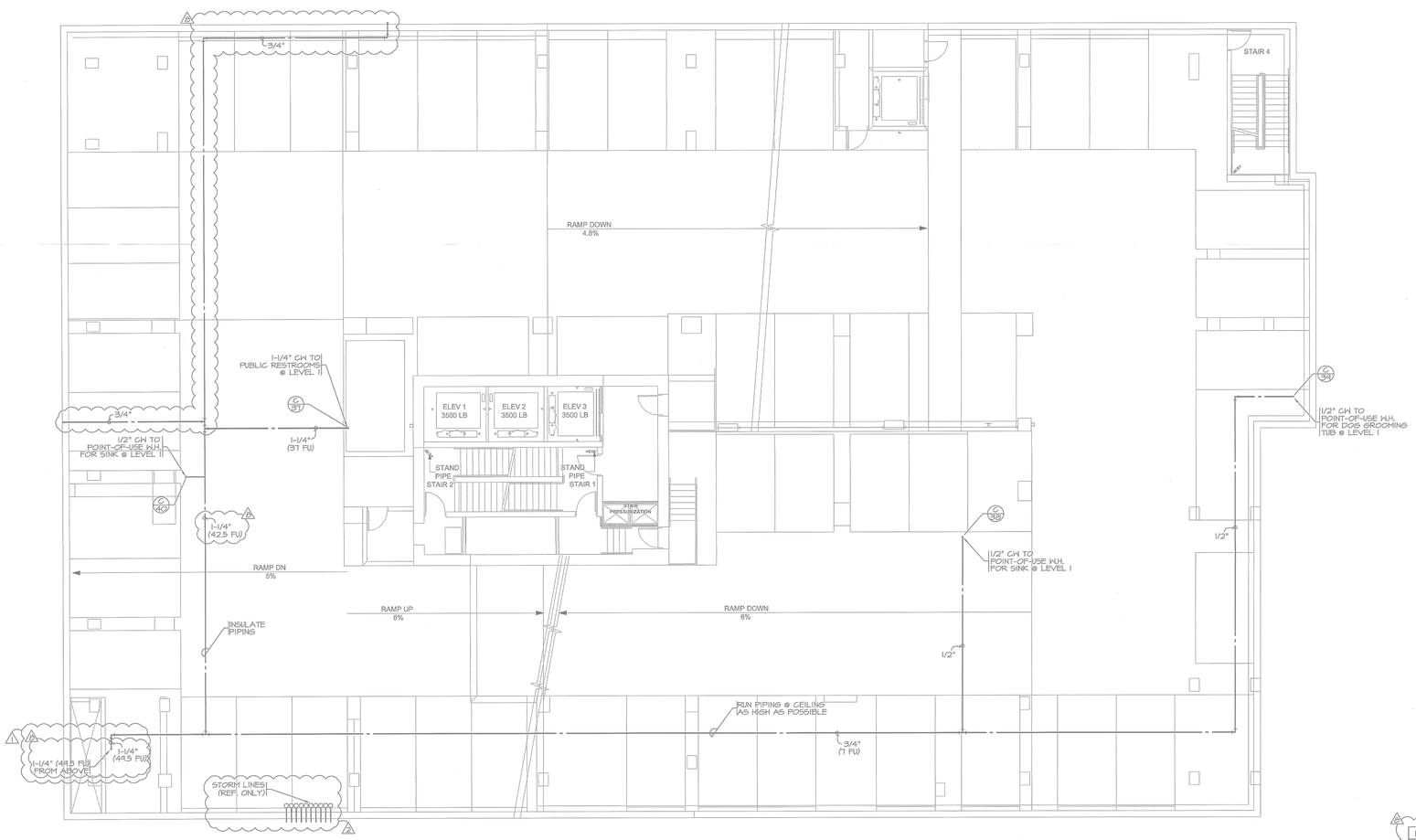
PLBG NOTES

1. ALL VERTICAL AND HORIZONTAL DOMESTIC WATER PIPING ABOVE FLOOR TO BE INSULATED - 1" FIBERGLASS INSULATION WITH VAPOR BARRIER.
2. SANITARY SEWER, FIRE PROTECTION LINE & DOMESTIC WATER SERVICE VARY AT EACH BLDG. CONTR. TO VERIFY EXACT SERVICE POINTS WITH CIVIL DRAWINGS & SITE UTILITY PLAN PRIOR TO INSTALLATION OF LINES.
3. REFER TO 1/4" SCALE TYPICAL UNIT PLANS FOR INDIVIDUAL UNIT WATER LAYOUTS.
4. ALL DOMESTIC WATER PIPING IN GARAGE SHALL BE INSULATED W/ 2" FIBERGLASS W/ ALL-PURPOSE JACKET.

1 - UPDATED BACKGROUND
- ADJUSTED PLUMBING
- CORRECTED NORTH ARROW

2 - UPDATED BACKGROUND
- ADDED STORM LINES FOR LOCATION REFERENCE ONLY.

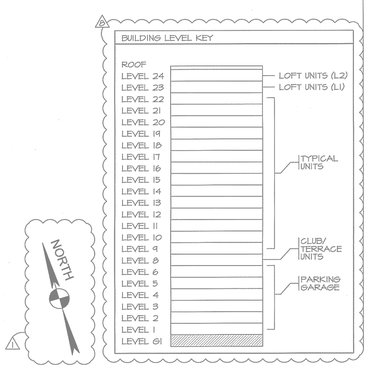
3 - ADJUSTED PLUMBING
- CORRECTED BUILDING KEY



GARAGE - LEVEL G1 - COLD WATER

1/8" = 1'-0"

ALL PLUMBING SHALL BE IN ACCORDANCE WITH CITY OF AUSTIN ADOPTED PLUMBING CODES.
REVIEWED [illegible] DATE 12-2-13
The granting of a permit for, or approval of these plans and specifications shall not be construed to be a permit for, or approval of, any violation of any provisions of the currently adopted plumbing code or ordinances in the City of Austin. 12-2-13



515 CONGRESS AVE
SUITE 1600
AUSTIN, TEXAS 78701
512.473.0923
512.473.0177

© RHODE PARTNERS, 2012

7th & Rio Grande Apartments

615 West 7th Street
Austin, Texas 78701

PROJECT NUMBER - 111009

OWNER
BEHRINGER HARVARD
CWS CAPITAL PARTNERS LLC
9606 N. Mopac Expwy, Suite 500
Austin, Texas 78759
512.837.3028 p

GENERAL CONTRACTOR
J.E. DUNN CONSTRUCTION
901 S. Mopac Expressway
Barton Oaks Plaza II , Ste. 375
Austin, TX 78746
512.687.6119

ARCHITECT
RHODE PARTNERS
515 Congress Avenue, Suite 1600
Austin, TX 78701
512.473.0923 p

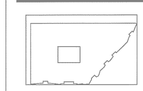
CIVIL ENGINEER
BURY + PARTNERS
221 W 6th Street Ste 600
Austin, Texas 78701
512.791.3311 p

STRUCTURAL ENGINEER
ARCHITECTURAL ENGINEERS COLLABORATIVE
106 East Sixth Street, Suite 450
Austin, Texas 78701
512.472.2111 p

MEP ENGINEER
EN-INCORPORATED
13581 Pond Srpings Road, Suite 400
Austin, Texas 78729
512.918.9315 p

INTERIOR DESIGNER
KEATON INTERIORS
4901 Keller Springs Rd. Ste. 106B
Addison, TX 75001
972.233.9100

LANDSCAPE ARCHITECT
D CRAIN
1621 Willow Street
Austin, TX 78702
512.480.8008 p



EN,INC. F-2473 06/12/13

IF THIS DOCUMENT IS NOT SIGNED, SEALED, AND DATED, IT MAY NOT BE USED FOR REGULATORY APPROVAL, PERMIT OR CONSTRUCTION

DESCRIPTION	DATE
100% SCHEMATIC DESIGN	02/06/2012
DD - INTERIM PRICING SET	03/30/2012
100% DESIGN DEVELOPMENT	05/04/2012
AEGB REVIEW	05/31/2012
ISSUED FOR REVIEW AND PERMIT	06/11/2012
PERMIT RESPONSE 1	8/28/2012
95% CONSTRUCTION DOCUMENTS	10/05/2012
PERMIT RESPONSE 2	11/08/2012
AFD RESPONSE	01/22/2013
ISSUED FOR CONSTRUCTION	02/01/2013
ISSUED FOR CONSTRUCTION	02/07/2013
REVISION #7	05/20/2013
REVISION #8	06/12/2013

GARAGE - LEVEL G1 COLD WATER

PC2.G1

PLUMBING LEGEND	
———	GRAYWATER SUPPLY PIPING
2"	PIPE SIZE REVISION

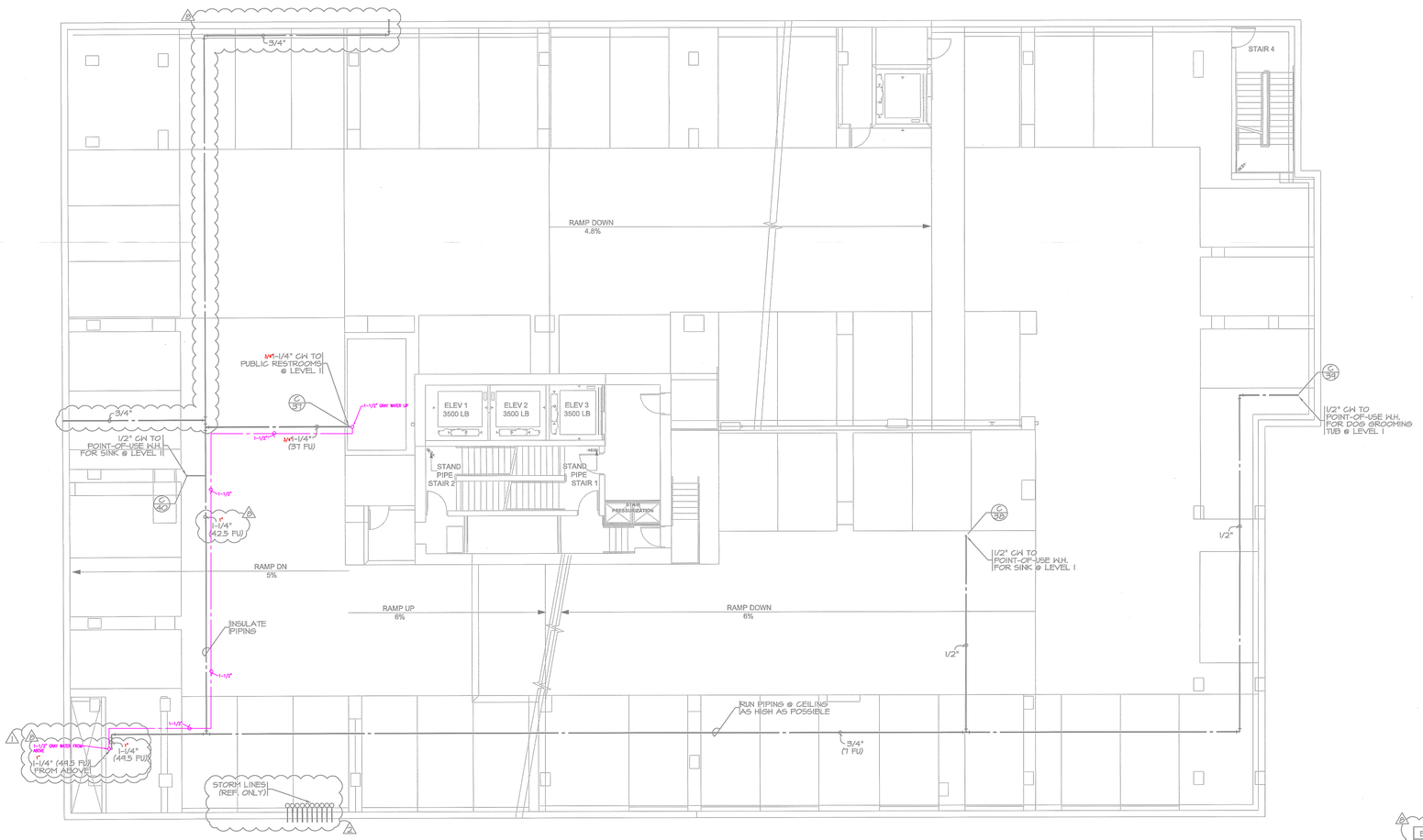
PLBG NOTES

1. ALL VERTICAL AND HORIZONTAL DOMESTIC WATER PIPING ABOVE FLOOR TO BE INSULATED - 1" FIBERGLASS INSULATION WITH VAPOR BARRIER.
2. SANITARY SEWER, FIRE PROTECTION LINE & DOMESTIC WATER SERVICE VARY AT EACH BLDG. CONTR. TO VERIFY EXACT SERVICE POINTS WITH CIVIL DRAWINGS & SITE UTILITY PLAN PRIOR TO INSTALLATION OF LINES.
3. REFER TO 1/4" SCALE TYPICAL UNIT PLANS FOR INDIVIDUAL UNIT WATER LAYOUTS.
4. ALL DOMESTIC WATER PIPING IN GARAGE SHALL BE INSULATED W/ 2" FIBERGLASS W/ ALL-PURPOSE JACKET.

1 - UPDATED BACKGROUND
- ADJUSTED PLUMBING
- CORRECTED NORTH ARROW

2 - UPDATED BACKGROUND
- ADDED STORM LINES FOR LOCATION REFERENCE ONLY.

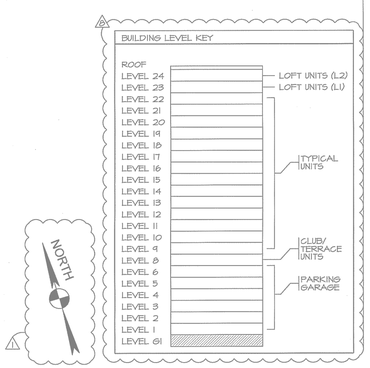
3 - ADJUSTED PLUMBING
- CORRECTED BUILDING KEY



GARAGE - LEVEL G1 - COLD WATER

1/8" = 1'-0"

ALL PLUMBING SHALL BE IN ACCORDANCE WITH CITY OF AUSTIN ADOPTED PLUMBING CODES.
REVIEWED [signature] DATE 8-2-13
The granting of a permit for, or approval of these plans and specifications shall not be construed to be a permit for, or approval of, any violation of any provisions of the currently adopted plumbing code or ordinances in the City of Austin.
7-26-13



515 CONGRESS AVE
SUITE 1600
AUSTIN, TEXAS 78701
512.473.0923
512.473.0177

© RHODE PARTNERS, 2012

7th & Rio Grande Apartments

615 West 7th Street
Austin, Texas 78701

PROJECT NUMBER - 111009

OWNER
BEHRINGER HARVARD
CWS CAPITAL PARTNERS LLC
9606 N. Mopac Expwy, Suite 500
Austin, Texas 78759
512.837.3028 p

GENERAL CONTRACTOR
J.E. DUNN CONSTRUCTION
901 S. Mopac Expressway
Barton Oaks Plaza II , Ste. 375
Austin, TX 78746
512.687.6119

ARCHITECT
RHODE PARTNERS
515 Congress Avenue, Suite 1600
Austin, TX 78701
512.473.0923 p

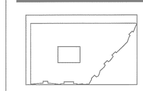
CIVIL ENGINEER
BURY + PARTNERS
221 W 6th Street Ste 600
Austin, Texas 78701
512.791.3311 p

STRUCTURAL ENGINEER
ARCHITECTURAL ENGINEERS COLLABORATIVE
106 East Sixth Street, Suite 450
Austin, Texas 78701
512.472.2111 p

MEP ENGINEER
EN-INCORPORATED
13581 Pond Srpings Road, Suite 400
Austin, Texas 78729
512.918.9315 p

INTERIOR DESIGNER
KEATON INTERIORS
4901 Keller Springs Rd. Ste. 106B
Addison, TX 75001
972.233.9100

LANDSCAPE ARCHITECT
D CRAIN
1621 Willow Street
Austin, TX 78702
512.480.8008 p



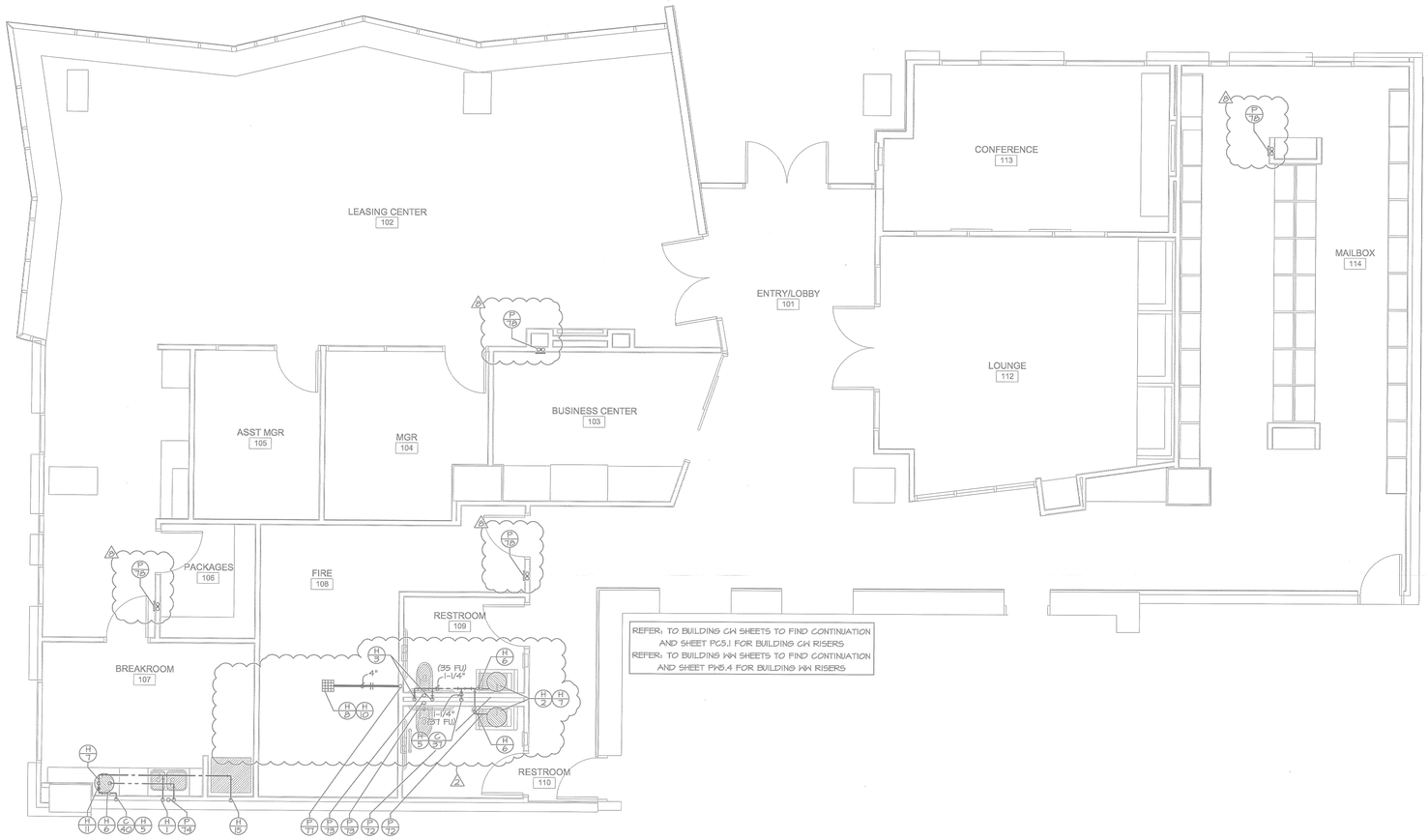
EN,INC. F-2473 06/12/13

IF THIS DOCUMENT IS NOT SIGNED, SEALED, AND DATED, IT MAY NOT BE USED FOR REGULATORY APPROVAL, PERMIT OR CONSTRUCTION

DESCRIPTION	DATE
100% SCHEMATIC DESIGN	02/06/2012
DD - INTERIM PRICING SET	03/30/2012
100% DESIGN DEVELOPMENT	05/04/2012
AEGB REVIEW	05/31/2012
ISSUED FOR REVIEW AND PERMIT	06/11/2012
PERMIT RESPONSE 1	8/28/2012
95% CONSTRUCTION DOCUMENTS	10/05/2012
PERMIT RESPONSE 2	11/08/2012
AFD RESPONSE	01/22/2013
ISSUED FOR CONSTRUCTION	02/01/2013
ISSUED FOR CONSTRUCTION	02/07/2013
REVISION #7	05/20/2013
REVISION #8	06/12/2013

GARAGE - LEVEL G1 COLD WATER

PC2.G1



LEVEL 1 - LOBBY - PLUMBING

1/4" = 1'-0"

PLBG NOTES BY SYMBOL

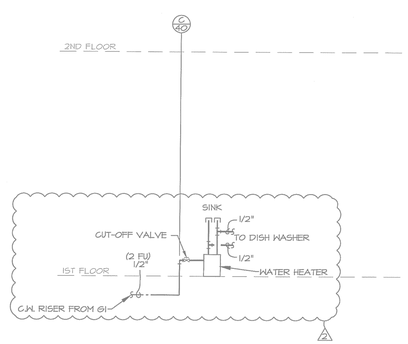
- (H/1) 1/2" H.W. & C.W. TAP TO SINK & DISHWASHER
- (H/2) 1/2" H.W. & C.W. TAP TO LAV(S)
- (H/3) 1" C.W. TAP TO W.C.
- (H/4) 1/2" C.W. TAP TO E.W.C.
- (H/5) C.W. RISER FROM GI
- (H/6) GATE VALVE CUT-OFF
- (H/7) WATER HEATER
- (H/8) 1/2" C.W. TRAP PRIMER TO FLOOR DRAIN.
- (H/9) 1/2" C.W. TAP TO E.W.C.
- (H/10) 12" X 12" FLOOR SINK
- (H/11) WATER METER
- (H/12) 1/2" C.W. TAP TO COFFEE BAR. PROVIDE RPZ VALVE PRIOR TO EQUIPMENT CONNECTION DISCHARGE RPZ TO HUB DRAIN.
- (H/13) WATER HEATER IN CABINET
- (H/14) EXTEND T&P/PAN DRAIN TO HUB DRAIN. BLOCK WATER HEATER AS NECESSARY.
- (H/15) WATER METER

NOTES:

1. HUB DRAINS TO BE LOCATED IN WALL WITH A HINGED NON-LATCHING ACCESS PANEL.

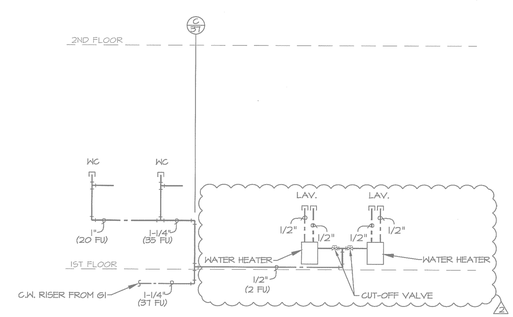
2 REVISED PLUMBING

1 REVISED PLUMBING



BREAK ROOM - CW RISER - PLUMBING

NO SCALE



RESTROOM- CW RISER - PLUMBING

NO SCALE

ALL PLUMBING SHALL BE IN ACCORDANCE WITH CITY OF AUSTIN ADOPTED PLUMBING CODES.
REVIEWED LSW DATE 7-2-13
The granting of a permit for, or approval of these plans and specifications shall not be construed to be a permit, for, or approval of, any violation of any of the provisions of the currently adopted plumbing code or any other ordinance of the City of Austin.

515 CONGRESS AVE
SUITE 1600
AUSTIN, TEXAS 78701

512.473.0923
512.473.0177

© RHODE PARTNERS, 2012

7th & Rio Grande Apartments

615 West 7th Street
Austin, Texas 78701

PROJECT NUMBER - 111009

OWNER
BEHRINGER HARVARD
CWS CAPITAL PARTNERS LLC
9606 N. Mopac Expwy, Suite 600
Austin, Texas 78759
512.837.3028 p

GENERAL CONTRACTOR
J.E. DUNN CONSTRUCTION
901 S. Mopac Expressway
Barton Oaks Plaza II , Ste. 375
Austin, TX 78746
512.697.6119

ARCHITECT
RHODE PARTNERS
515 Congress Avenue, Suite 1600
Austin, TX 78701
512.473.0923 p

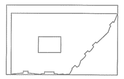
CIVIL ENGINEER
BURY + PARTNERS
221 W 6th Street Ste 600
Austin, Texas 78701
512.791.3311 p

STRUCTURAL ENGINEER
ARCHITECTURAL ENGINEERS COLLABORATIVE
106 East Sixth Street, Suite 450
Austin, Texas 78701
512.472.2111 p

MEP ENGINEER
EN-INCORPORATED
13581 Pond Springs Road, Suite 400
Austin, Texas 78729
512.918.9315 p

INTERIOR DESIGNER
KEATON INTERIORS
4901 Keller Springs Rd. Ste. 106B
Addison, TX 75001
972.233.9100

LANDSCAPE ARCHITECT
D CRAIN
1521 Willow Street
Austin, TX 78702
512.480.8008 p



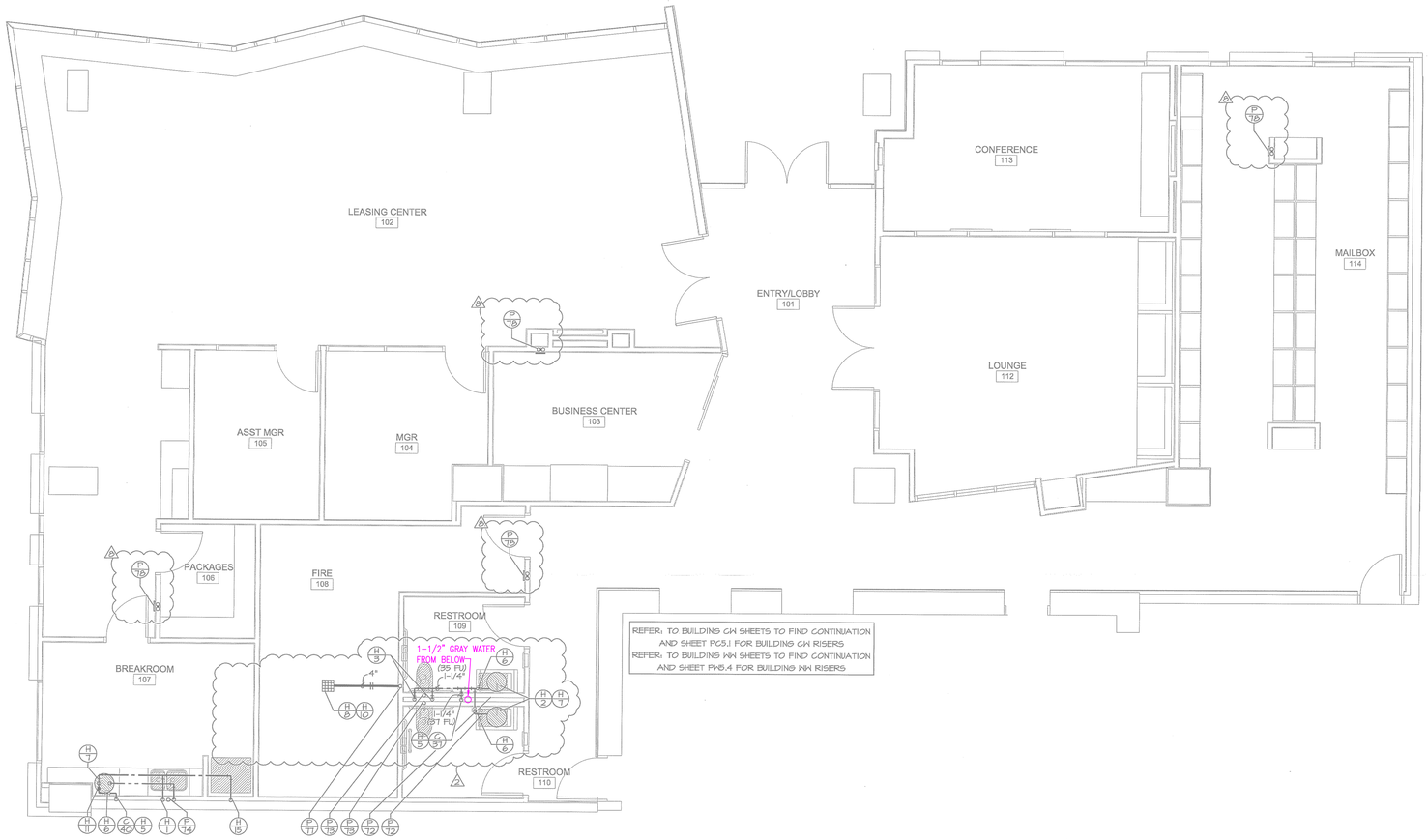
EN,INC. F-2473 06/12/13

IF THIS DOCUMENT IS NOT SIGNED, SEALED, AND DATED, IT MAY NOT BE USED FOR REGULATORY APPROVAL, PERMIT OR CONSTRUCTION

DESCRIPTION	DATE
100% SCHEMATIC DESIGN	02/06/2012
DD - INTERIM PRICING SET	03/30/2012
100% DESIGN DEVELOPMENT	05/04/2012
AEGB REVIEW	05/31/2012
ISSUED FOR REVIEW AND PERMIT	06/11/2012
PERMIT RESPONSE 1	8/28/2012
65% CONSTRUCTION DOCUMENTS	10/05/2012
PERMIT RESPONSE 2	11/05/2012
AFD RESPONSE	01/22/2013
ISSUED FOR CONSTRUCTION	02/01/2013
ISSUED FOR CONSTRUCTION	02/07/2013
REVISION #7	05/20/2013
REVISION #8	06/12/2013

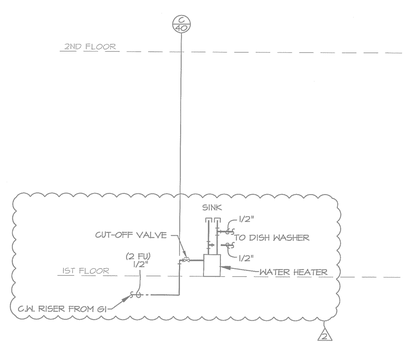
LEVEL 1 - LOBBY PLUMBING

PC4.0



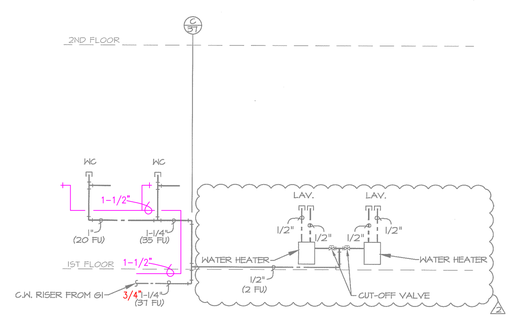
LEVEL 1 - LOBBY - PLUMBING

1/4" = 1'-0"



BREAK ROOM - CW RISER - PLUMBING

NO SCALE



RESTROOM- CW RISER - PLUMBING

NO SCALE

PLBG NOTES BY SYMBOL

- H/1 1/2" H.W. & C.W. TAP TO SINK & DISHWASHER
- H/2 1/2" H.W. & C.W. TAP TO LAV(S)
- H/3 1" C.W. TAP TO W.C.
- H/4 1/2" C.W. TAP TO E.W.C.
- H/5 C.W. RISER FROM GI
- H/6 GATE VALVE CUT-OFF
- H/7 WATER HEATER
- H/8 1/2" C.W. TRAP PRIMER TO FLOOR DRAIN.
- H/9 1/2" C.W. TAP TO E.W.C.
- H/10 12" X 12" FLOOR SINK
- H/11 WATER METER
- H/12 1/2" C.W. TAP TO COFFEE BAR. PROVIDE RPZ VALVE PRIOR TO EQUIPMENT CONNECTION DISCHARGE RPZ TO HUB DRAIN.
- H/13 WATER HEATER IN CABINET
- H/14 EXTEND T&P/PAN DRAIN TO HUB DRAIN. BLOCK WATER HEATER AS NECESSARY.
- H/15 WATER METER

NOTES:

1. HUB DRAINS TO BE LOCATED IN WALL WITH A HINGED NON-LATCHING ACCESS PANEL.

2 REVISED PLUMBING

6 REVISED PLUMBING

PLUMBING LEGEND

———	GRAY WATER SUPPLY PIPING
2"	DOMESTIC WATER SUPPLY PIPING SIZE REDUCTION

ALL PLUMBING SHALL BE IN ACCORDANCE WITH CITY OF AUSTIN ADOPTED PLUMBING CODES.
REVIEWED LSW DATE 7-2-13
The granting of a permit for, or approval of these plans and specifications shall not be construed to be a permit, for, or approval of, any violation of any of the provisions of the currently adopted plumbing code or any other ordinance of the City of Austin.

515 CONGRESS AVE
SUITE 1600
AUSTIN, TEXAS 78701

512.473.0923

512.473.0177

© RHODE PARTNERS, 2012

7th & Rio Grande Apartments

615 West 7th Street
Austin, Texas 78701

PROJECT NUMBER - 111009

OWNER
BEHRINGER HARVARD
CWS CAPITAL PARTNERS LLC
9606 N. Mopac Expwy, Suite 600
Austin, Texas 78759
512.837.3028 p

GENERAL CONTRACTOR
J.E. DUNN CONSTRUCTION
901 S. Mopac Expressway
Barton Oaks Plaza II , Ste. 375
Austin, TX 78746
512.697.6119

ARCHITECT
RHODE PARTNERS
515 Congress Avenue, Suite 1600
Austin, TX 78701
512.473.0923 p

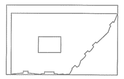
CIVIL ENGINEER
BURY + PARTNERS
221 W 6th Street Ste 600
Austin, Texas 78701
512.791.3311 p

STRUCTURAL ENGINEER
ARCHITECTURAL ENGINEERS COLLABORATIVE
106 East Sixth Street, Suite 450
Austin, Texas 78701
512.472.2111 p

MEP ENGINEER
EN-INCORPORATED
13581 Pond Springs Road, Suite 400
Austin, Texas 78729
512.918.9315 p

INTERIOR DESIGNER
KEATON INTERIORS
4901 Keller Springs Rd. Ste. 106B
Addison, TX 75001
972.233.9100

LANDSCAPE ARCHITECT
D GRAIN
1521 Willow Street
Austin, TX 78702
512.480.8008 p



EN,INC. F-2473 06/12/13

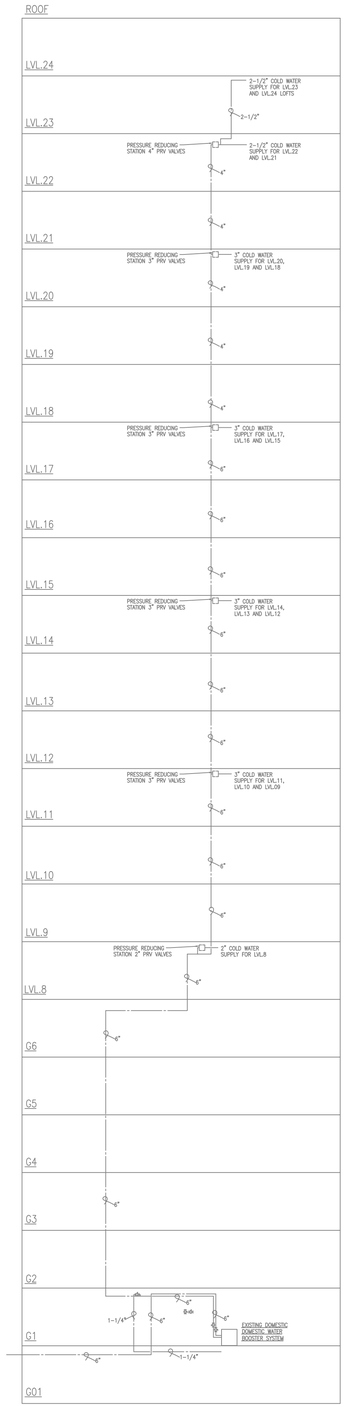
IF THIS DOCUMENT IS NOT SIGNED, SEALED, AND DATED, IT MAY NOT BE USED FOR REGULATORY APPROVAL, PERMIT OR CONSTRUCTION

DESCRIPTION	DATE
100% SCHEMATIC DESIGN	02/06/2012
DD - INTERIM PRICING SET	03/30/2012
100% DESIGN DEVELOPMENT	05/04/2012
AEGB REVIEW	05/31/2012
ISSUED FOR REVIEW AND PERMIT	06/11/2012
PERMIT RESPONSE 1	8/28/2012
65% CONSTRUCTION DOCUMENTS	10/05/2012
PERMIT RESPONSE 2	11/05/2012
AFD RESPONSE	01/22/2013
ISSUED FOR CONSTRUCTION	02/01/2013
ISSUED FOR CONSTRUCTION	02/07/2013
REVISION #7	05/20/2013
REVISION #8	06/12/2013

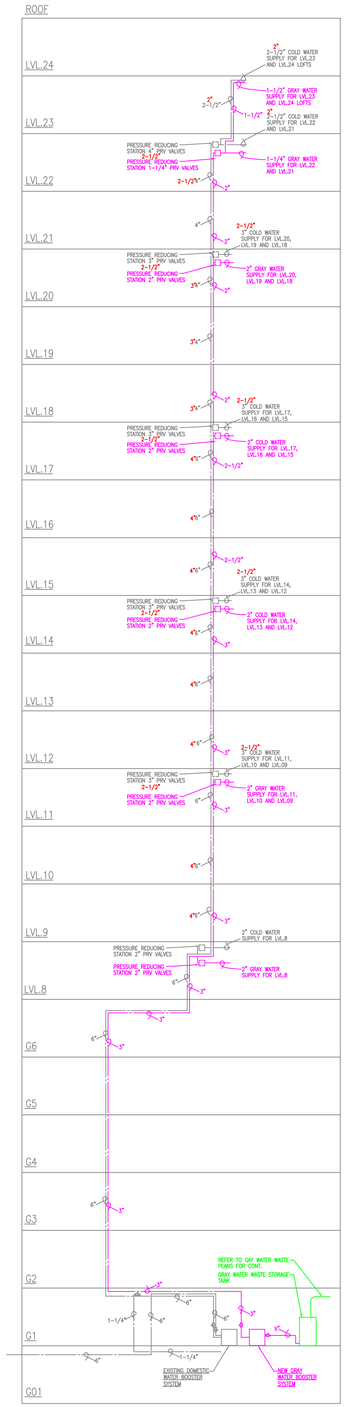
LEVEL 1 - LOBBY PLUMBING

PC4.0

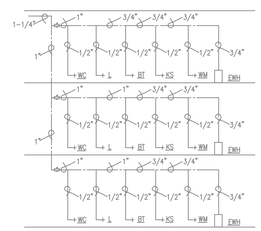
PLUMBING LEGEND	
GRAYWATER SUPPLY PIPING	
2"	PIPE SIZE REVISION



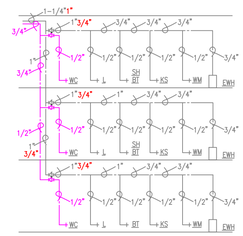
1 PLUMBING RISER DIAGRAM
SCALE: NOT TO SCALE BASELINE



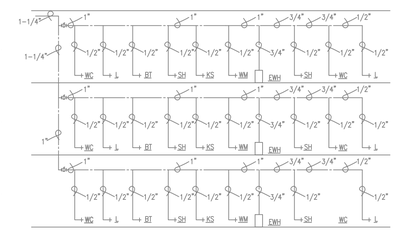
2 PLUMBING RISER DIAGRAM
SCALE: NOT TO SCALE GRAYWATER



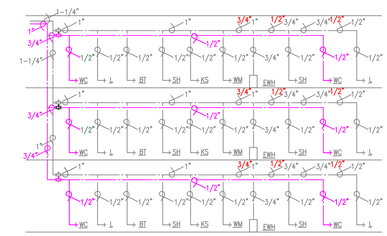
3 PLUMBING RISER DIAGRAM
SCALE: NOT TO SCALE BASELINE



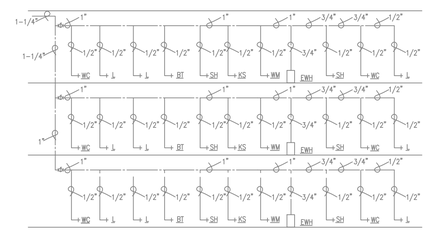
4 PLUMBING RISER DIAGRAM
SCALE: NOT TO SCALE GRAYWATER



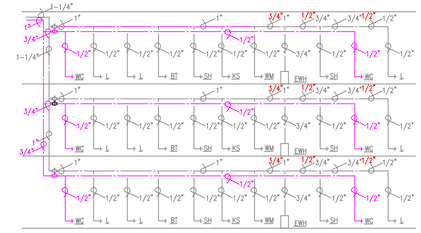
5 PLUMBING RISER DIAGRAM
SCALE: NOT TO SCALE BASELINE



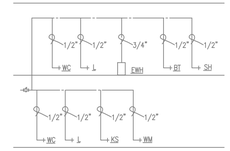
6 PLUMBING RISER DIAGRAM
SCALE: NOT TO SCALE GRAYWATER



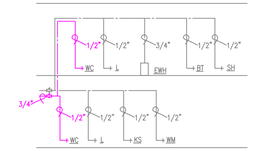
7 PLUMBING RISER DIAGRAM
SCALE: NOT TO SCALE BASELINE



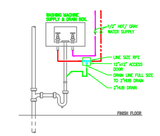
8 PLUMBING RISER DIAGRAM
SCALE: NOT TO SCALE GRAYWATER



9 PLUMBING RISER DIAGRAM
SCALE: NOT TO SCALE BASELINE



10 PLUMBING RISER DIAGRAM
SCALE: NOT TO SCALE GRAYWATER



11 RPZ AT WASHING MACHINE SUPPLY BOX
SCALE: NOT TO SCALE GRAYWATER

COLD WATER RISERS

PC5.1