

FIRE PROTECTION SCHEDULE							
AREA	OCCUPANCIES HAZARD	DENSITY GPM/FT	APPLICATION AREA SQ/FT	HEAD TYPE/ TEMP RATING °F	SYSTEM TYPE	HEAD FINISH	REMARKS
APARTMENTS	LIGHT	.10	1500	PENIENT 165°	WET	WHITE	NOTE 1
<u>NOTE:</u> 1. CRITERIA ESTABLISHED PER NFPA 13.							

FLOW TEST DATA SCHEDULE	
UPON AWARD OF THE CONTRACT, THE FIRE PROTECTION CONTRACTOR SHALL PERFORM A FLOW TEST ON THE TWO HYDRANTS NEAREST THE SITE AND FORWARD THE TEST DATA TO THE ENGINEER AND ARCHITECT THE FOLLOWING WATER PRESSURE/FLOW DATA WAS OBTAINED FROM: CITY OF ATLANTA	
STATIC PRESSURE	148 PSI
RESIDUAL PRESSURE	128 PSI
FLOW (GPM)	1730 GPM
PLAT CARD / HYDRANT	#203 / #9139
LOCATION OF TEST HYDRANT	2140 PEACHTREE ROAD
DATE OF TEST	10-22-2013
TIME OF DAY OF TEST	11:30AM
NOTES: 1. FLOWED 2.5 INCH HYDRANT NOZZLE, MAIN SIZE 16 INCH	

GAS-FIRED WATER HEATER							
MARK	MANUFACTURER & MODEL	STORAGE CAPACITY GALLONS	BTU INPUT	FLUE SIZE	GPH REC 90 DEG RISE	TEMP OF WATER TO BE DEL.	ACCESSORIES
GWH-1	RINNAI RUC801	---	152,000	3/5 CONCENTRIC	—	120°	1,2,3,4,5,6

NOTES:

1. ALL UNITS SHALL MEET ASHRAE 90-75 AND ALL LOCAL CODE REQUIREMENTS, AND SHALL BE AQA CERTIFIED.

ACCESSORIES:

1. PROVIDE EXPANSION TANK WATTS MODEL PLT-5.

2. PROVIDE TAP RELIEF VALVE AND VACUUM RELIEF VALVE

3. PROVIDE DIELECTRIC FITTINGS ON WATER INLET & OUTLET CONNECTIONS.

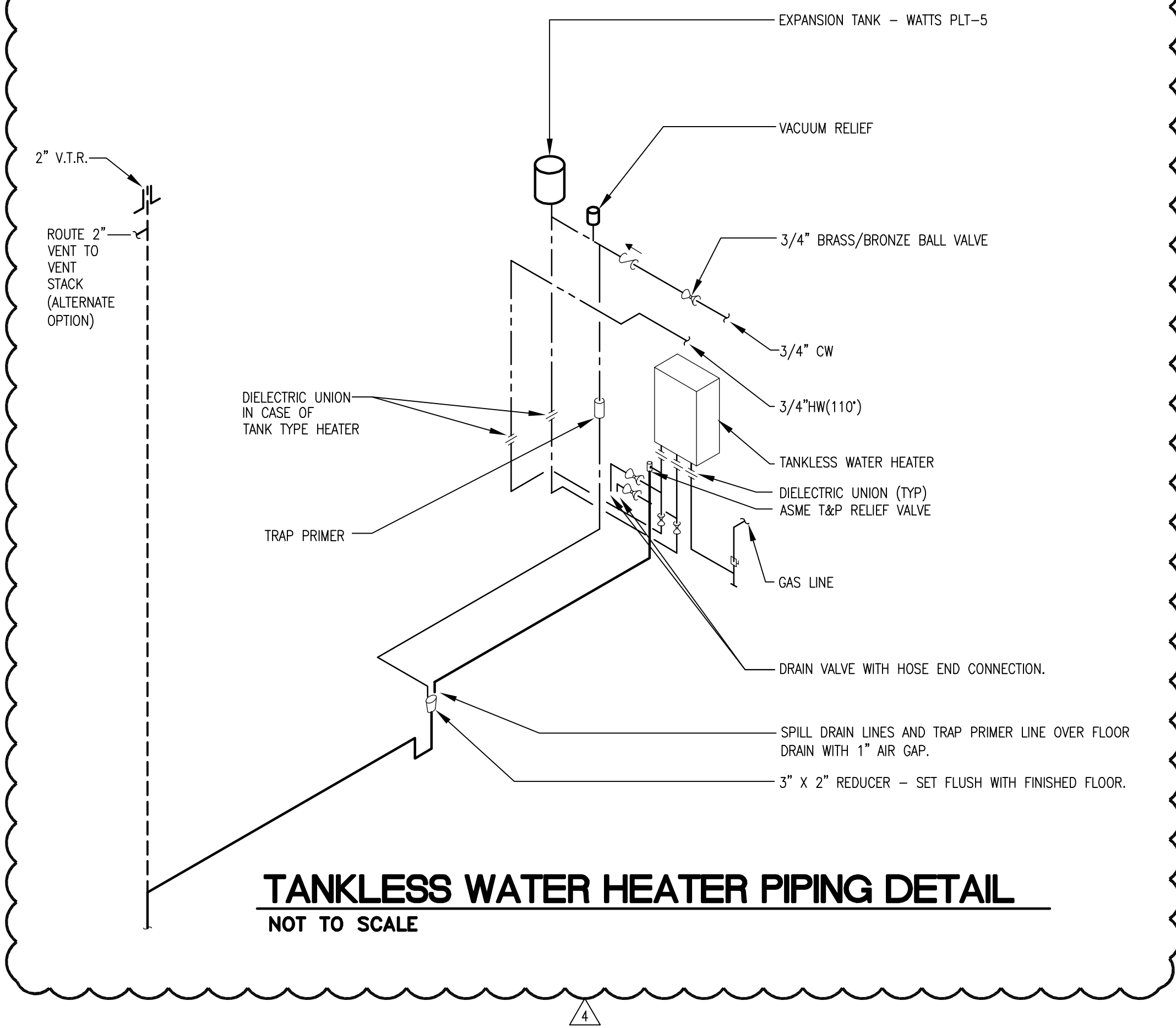
4. PROVIDE BALL VALVES AND UNIONS ON WATER INLET AND OUTLET CONNECTIONS.

5. LOCATE WATER HEATERS AS INDICATED ON PLANS.

6. ROUTE TAP RELIEF TO DRAIN. SEE WATER HEATER DETAIL.

7. SUPPLY AND INSTALL RINNAI RIK-KIT VALVE PACKAGE.

SEE WATER HEATER DETAIL FOR FURTHER INFORMATION.



PLUMBING FIXTURE SPECIFICATIONS

OTHERWISE OTHERWISE INDICATED, NUMBERS ARE CRANE. EQL. EQUIP. PRODUCTS:
AMERICAN STANDARD, ELKAY, KOHLER, MANIFESTO, TOTO, CHICAGO, DELTA, GERBER, MOEN, SYMBOLS, SINK, FAY, HALSEY TAYLOR, ORSIS, STERN-WILLIAMS, KOSKA, I.R. SMITH, WARE, WATTS, ZURN, BEIMS, BENEKE, CENOTCO, CHURCH, DELANY, OLSONITE, SPERZEL.
COORDINATE ALL FIXTURES WITH IN DRAWINGS, WHERE THERE IS A DISCREPANCY IN DRAWINGS SHOW THE REAL AUTHORITY.
ALL FIXTURES TO BE BRUSHED/SATIN NICKEL FINISH.

WC-1 ELONGATED WATER CLOSET – FLOOR MOUNTED – TANK – SEAT W/COVER:
MANFIELD ALTO 1.28 GPF, SIPHON ACTION, 2" FULLY GLAZED TRAPWAY, BEIMS 1500 PPO INJECTION MOULDED SOLID PLASTIC ELONGATED SEAT W/OFFEN FLOOR LESS COVER. PROVIDE WALL NIPPLE AND CHROME-PLATED ESCUTCHEON.

WC-1H ALA ELONGATED WATER CLOSET – FLOOR MOUNTED – TANK – SEAT W/COVER:
MANFIELD ALTO 1.28 GPF, SIPHON ACTION, 2" FULLY GLAZED TRAPWAY, BEIMS 1500 PPO INJECTION MOULDED SOLID PLASTIC ELONGATED SEAT W/OFFEN FLOOR LESS COVER. PROVIDE WALL NIPPLE AND ESCUTCHEON.

WC-2 ELONGATED WATER CLOSET – FLOOR MOUNTED – FLUSHWALL:
AMERICAN STANDARD, 3461.511, MADERA FLOWISE 16-1/2" HIGH TOP SPUD BOWL AND SELECTONIC FLUSH VALVE, SOLID PLASTIC ELONGATED SEAT W/OFFEN FLOOR LESS COVER.

WC-2H ALA ELONGATED WATER CLOSET – FLOOR MOUNTED – FLUSHWALL:
AMERICAN STANDARD, 3461.511, MADERA FLOWISE 16-1/2" HIGH TOP SPUD BOWL AND SELECTONIC FLUSH VALVE, SOLID PLASTIC ELONGATED SEAT W/OFFEN FLOOR LESS COVER.

UR-1H: ALA URINAL:
AMERICAN STANDARD, 6042.005, DECORUM FLOWISE HIGH EFFICIENCY RINAL WITH TOP STOP, JAY R. SMITH 0537M URINAL, SUPPORT WITH BOTTOM SEARING PLATE, PROVIDE WALL HAMMER ARRESTOR.

L-1 LAVATORY – UNDERMOUNT – SINGLE LEVER – POP-UP DRAIN:
KOHLER K-2215 SINK, DYSON ABOR SHORT ABLADE TAP FAUCET, 1.5 GPM FLOW RATE, CPG CORNERSTONE C440710 SINGLE LEVEL FAUCET 1.5 GPM FLOW RATE, POP-UP DRAIN, PROVIDE WALL NIPPLES AND ESCUTCHEONS, MCGUIRE 2165 ANGLE STOPS WITH HANDWEELS AND 3/8" O.D. X 12" LONG CHROME PLATED FLEXIBLE COPPER SUPPLY RISERS, MCGUIRE 8872 P-TRAP, 1-1/4" X 1-1/4" WITH CAST BRASS NUTS AND CLEANOUT PLUG, AND MCGUIRE PW2125 INSULATION KIT.

L-1H ALA LAVATORY – UNDERMOUNT – SINGLE LEVER – POP-UP DRAIN:
STERLING STATION 420027-U CHINA LAVATORIES UNDERMOUNT SINK, CPG CORNERSTONE C440710 SINGLE LEVEL FAUCET 1.5 GPM FLOW RATE, POP-UP DRAIN, PROVIDE WALL NIPPLES AND ESCUTCHEONS, MCGUIRE 2165 ANGLE STOPS WITH HANDWEELS AND 3/8" O.D. X 12" LONG CHROME PLATED FLEXIBLE COPPER SUPPLY RISERS, MCGUIRE 8872 P-TRAP, 1-1/4" X 1-1/4" WITH CAST BRASS NUTS AND CLEANOUT PLUG, AND MCGUIRE PW2125 INSULATION KIT.

L-2 LAVATORY – UNDERMOUNT:
KOHLER K-2215 SINK, DYSON ABOR SHORT ABLADE TAP FAUCET, 1.5 GPM FLOW RATE, PROVIDE WALL NIPPLES AND ESCUTCHEONS, MCGUIRE 2165 CHROME PLATED ANGLE STOPS WITH HANDWEELS AND 3/8" O.D. X 12" LONG FLEXIBLE COPPER SUPPLY RISERS, MCGUIRE 8872 P-TRAP, 1-1/4" X 1-1/4" WITH CAST BRASS NUTS AND CLEANOUT PLUG, AND MCGUIRE PW2125 INSULATION KIT.

L-2H ALA LAVATORY – UNDERMOUNT:
KOHLER K-2215 SINK, DYSON ABOR SHORT ABLADE TAP FAUCET, 1.5 GPM FLOW RATE, PROVIDE WALL NIPPLES AND ESCUTCHEONS, MCGUIRE 2165 CHROME PLATED ANGLE STOPS WITH HANDWEELS AND 3/8" O.D. X 12" LONG FLEXIBLE COPPER SUPPLY RISERS, MCGUIRE 8872 P-TRAP, 1-1/4" X 1-1/4" WITH CAST BRASS NUTS AND CLEANOUT PLUG, AND MCGUIRE PW2125 INSULATION KIT.

L-3H ALA LAVATORY – UNDERMOUNT:
KOHLER K-2215 SINK, KOHLER K-942-4 STAINLESS WIDESPREAD FAUCET, 1.5 GPM FLOW RATE, PROVIDE WALL NIPPLES AND ESCUTCHEONS, MCGUIRE 2165 CHROME PLATED ANGLE STOPS WITH HANDWEELS AND 3/8" O.D. X 12" LONG FLEXIBLE COPPER SUPPLY RISERS, MCGUIRE 8872 P-TRAP, 1-1/4" X 1-1/4" WITH CAST BRASS NUTS AND CLEANOUT PLUG, AND MCGUIRE PW2125 INSULATION KIT.

KS-1 KITCHEN SINK – TWO COMPARTMENT WITH DISPOSER:
KOHLER K-2215 SINK, TWO COMPARTMENT, 20 GAUGE STAINLESS STEEL SELF-RUNNING SINK 33" X 22" X 6-1/2" DEEP, CPG "FLASTONE" 41613 KITCHEN FAUCET W/SPRAY W/ 1.5GPM GATOR, PROVIDE CHROME PLATED WALL NIPPLES AND ESCUTCHEONS, MCGUIRE 2165 CHROME PLATED ANGLE STOPS WITH HANDWEELS AND 3/8" O.D. X 12" LONG CHROME PLATED FLEXIBLE COPPER SUPPLY RISERS, MCGUIRE 8872 P-TRAP, 1-1/4" X 1-1/4" WITH CAST BRASS NUTS AND CLEANOUT PLUG, AND MCGUIRE PW2125 INSULATION KIT.

KS-1H KITCHEN SINK – HANDICAPPED – TWO COMPARTMENT (NO DISPOSER):
ELKAY LRD3322 ALA COMPLAINT TWO COMPARTMENT, 18 GAUGE STAINLESS STEEL SELF-RUNNING SINK, 33" X 22" X 5-1/2" DEEP, CPG "FLASTONE" 41613 KITCHEN FAUCET W/SPRAY W/ 1.5 GPM GATOR, PROVIDE CHROME PLATED WALL NIPPLES AND ESCUTCHEONS, MCGUIRE 2165 CHROME PLATED ANGLE STOPS WITH HANDWEELS AND 3/8" O.D. X 12" LONG CHROME PLATED FLEXIBLE COPPER SUPPLY RISERS, MCGUIRE 8872 P-TRAP, 1-1/4" X 1-1/4" WITH CAST BRASS NUTS AND CLEANOUT PLUG, AND MCGUIRE PW2000 INSULATION KIT.

KS-2 KITCHEN SINK – ONE COMPARTMENT:
JUST USF-1821-A-GR, 21"X18"X5 1/2" STAINLESS STEEL UNDER-MOUNT SINK, KOHLER K-649 SIMPLICE PULL-DOWN FAUCET, 1.5 GPM FLOW RATE, PROVIDE WALL NIPPLES AND ESCUTCHEONS, MCGUIRE 2165 ANGLE STOPS WITH HANDWEELS AND 3/8" O.D. X 12" LONG FLEXIBLE COPPER SUPPLY RISERS, MCGUIRE 8872 P-TRAP, 1-1/4" X 1-1/4" WITH CAST BRASS NUTS AND CLEANOUT PLUG, AND MCGUIRE PW2125 INSULATION KIT.

KS-2S KITCHEN SINK – ONE COMPARTMENT:
JUST USF-1821-A-GR, 25"X19"X5 1/2" STAINLESS STEEL UNDER-MOUNT SINK, KOHLER K-10413 FORTES FAUCET, 1.5 GPM FLOW RATE, PROVIDE WALL NIPPLES AND ESCUTCHEONS, MCGUIRE 2165 ANGLE STOPS WITH HANDWEELS AND 3/8" O.D. X 12" LONG FLEXIBLE COPPER SUPPLY RISERS, MCGUIRE 8872 P-TRAP, 1-1/4" X 1-1/4" WITH CAST BRASS NUTS AND CLEANOUT PLUG, AND MCGUIRE PW2125 INSULATION KIT.

SH-1 SHOWER – 60"X34":
(THE SURROUND BY GEN. CONTRACTOR) MUSTEE MODEL 3460M SHOWER FLOOR WITH SLP RESISTANT BOTTOM, CHROME-PLATED DRAIN STRAINER, MOEN TL182 SHOWER FAUCET, MOEN 3887 SINGLE FUNCTION HAND SHOWER WITH SLIDE BAR, MOEN A725 CHROME PLATED DROP ELL, MOEN 62370 POSI-TEMP PRESSURE-BALANCING ANTI-SCALD SHOWER VALVE.

SH-1H ALA SHOWER – 37"X39":
(THE SURROUND BY GEN. CONTRACTOR) MUSTEE MODEL 3739M SHOWER FLOOR WITH SLP RESISTANT BOTTOM, CHROME-PLATED DRAIN STRAINER, MOEN TL182 SHOWER FAUCET, MOEN 3887 SINGLE FUNCTION HAND SHOWER WITH SLIDE BAR, MOEN A725 CHROME PLATED DROP ELL, MOEN 62370 POSI-TEMP PRESSURE-BALANCING ANTI-SCALD SHOWER VALVE. PROVIDE BACK AND END WALL GRAB BARS.

SH-2H ROLL-IN SHOWER – HANDICAPPED – 60"X30":
(THE SURROUND BY GEN. CONTRACTOR) MUSTEE MODEL 360L(LEFT HAND DRAIN), OR 360R(RIGHT HAND DRAIN) BARRIER FREE SHOWER FLOOR WITH ENTRY RAMP AND SLP RESISTANT BOTTOM, CHROME-PLATED DRAIN STRAINER, MOEN TL182 SHOWER FAUCET, MOEN 3887 SINGLE FUNCTION HAND SHOWER WITH SLIDE BAR, MOEN A725 CHROME PLATED DROP ELL, MOEN 62370 POSI-TEMP PRESSURE-BALANCING ANTI-SCALD SHOWER VALVE. PROVIDE BACK AND END WALL GRAB BARS.

SH-3 SHOWER – 42"X36":
(THE SURROUND BY GEN. CONTRACTOR) MUSTEE MODEL 4236M SHOWER FLOOR WITH SLP RESISTANT BOTTOM, CHROME-PLATED DRAIN STRAINER, MOEN TL182 SHOWER FAUCET, MOEN 3887 SINGLE FUNCTION HAND SHOWER WITH SLIDE BAR, MOEN A725 CHROME PLATED DROP ELL, MOEN 62370 POSI-TEMP PRESSURE-BALANCING ANTI-SCALD SHOWER VALVE.

SH-4 SHOWER – 34"X48":
(THE SURROUND BY GEN. CONTRACTOR) MUSTEE MODEL 3448M SHOWER FLOOR WITH SLP RESISTANT BOTTOM, CHROME-PLATED DRAIN STRAINER, MOEN TL182 SHOWER FAUCET, MOEN 3887 SINGLE FUNCTION HAND SHOWER WITH SLIDE BAR, MOEN A725 CHROME PLATED DROP ELL, MOEN 62370 POSI-TEMP PRESSURE-BALANCING ANTI-SCALD SHOWER VALVE.

BT-1 BATH TUB SHOWER –
STERLING "ENSEMBLE" 711011(LEFT HAND DRAIN) OR 711012(RIGHT HAND DRAIN), 60" X 36" VITREOUS CHINA LAVATORY WITH SLP RESISTANT BOTTOM, MOEN TL182 TUB SHOWER FAUCET WITH REVERTER SPOUT AND C/O-W FLOW, MOEN 62370 POSI-TEMP PRESSURE-BALANCING ANTI-SCALD SHOWER VALVE, CS&B LUT & TURN WASTE AND OVERFLOW.

L-4 LAVATORY – PEDESTAL – LEVER HANDLES – POP-UP DRAIN:
STERLING "SEABEL" 442004 SELF-RUNNING 20" X 17" VITREOUS CHINA LAVATORY WITH OVERFLOW, PUNCHED ON 4" CENTERS, MOEN 66411 LEVER HANDLE FAUCET WITH AERATOR AND POP-UP DRAIN, PROVIDE CHROME PLATED WALL NIPPLES AND ESCUTCHEONS, MCGUIRE 2165 CHROME PLATED ANGLE STOPS WITH HANDWEELS AND 3/8" O.D. X 12" LONG CHROME PLATED FLEXIBLE COPPER SUPPLY RISERS, MCGUIRE 8872 P-TRAP, 1-1/4" X 1-1/4" WITH CAST BRASS NUTS AND CLEANOUT PLUG.

WB-1 OFFSET DRAIN WASHING MACHINE BOSS: WATER TIGHT #82067 W/2 CHROME CLEANOUT TUB ADAPTER BALL VALVES, 1/2"CPVC CONNECTION MODEL W/ 4701CP

IM-1 ICE MAKER SUPPLY: #82091 W/1/2"CPVC CONNECTION TUB ADAPTER BALL VALVE, MODEL N 9701CP

MS-1 MOP SERVICE BASIN:
WOODFORD TSD 300 34"X24"1/2" DEEP PRECAST ONE-PIECE TERRAZZO CORNER MOP BASIN, WITH INTEGRAL CAST STAINLESS STEEL DRAIN, FIAT MODEL 830-A/M SERVICE SINK FAUCET WITH VACUUM BREAKER, INTEGRAL STOPS, ADJUSTABLE WALL BRACE, PLAT HOOK AND 3/4" MALE HOSE THREAD ON SPOUT.

EW-1 ELECTRIC WATER COOLER – BI-LEVEL – ALA COMPLAINT WALL HUNG:
ELKAY L2515WMB, 18" LEVEL WATER COOLER, MCGUIRE 165 CHROME PLATED ANGLE SUPPLY WITH HANDWEEL AND WALL ESCUTCHEON, 3/8" O.D. X 12" LONG CHROME PLATED FLEXIBLE RISER, AND MCGUIRE 8872 P-TRAP, 1-1/4" X 1-1/4" WITH CAST BRASS NUTS AND CLEANOUT PLUG.

EW-2 ELECTRIC WATER COOLER – BI-LEVEL – ALA COMPLAINT WALL HUNG:
HALSEY TAYLOR OOL-II SERIES SER-O BI-LEVEL WATER COOLER, MCGUIRE 165 CHROME PLATED ANGLE SUPPLY WITH HANDWEEL AND WALL ESCUTCHEON, 3/8" O.D. X 12" LONG CHROME PLATED FLEXIBLE RISER, AND MCGUIRE 8872 P-TRAP, 1-1/4" X 1-1/4" WITH CAST BRASS NUTS AND CLEANOUT PLUG.

NWH NO-FREEZE WALL HYDRANT – FLUSH MOUNTED:
WOODFORD MODEL H85 CHROME PLATED NO-FREEZE 3/4" WALL HYDRANT

PLUMBING FIXTURE & CONNECTION SCHEDULE					
FIXTURE #	DESCRIPTION	WASTE CONNECTION	HOT WATER SUPPLY	COLD WATER SUPPLY	NOTES
WC-1	WATER CLOSET -	3"	---	1/2"	1,2
WC-1H	WATER CLOSET - HANDICAPPED ACCESSIBLE	3"	---	1/2"	1,2
WC-2	WATER CLOSET -	4"	---	1"	1,2
WC-2H	WATER CLOSET - HANDICAPPED ACCESSIBLE	4"	---	1"	1,2
UR-1H	ADA URINAL	2"	---	1/2"	---
L-1	UNDERMOUNT LAVATORY	1 1/4"	1/2"	1/2"	1
L-1H	UNDERMOUNT LAVATORY	1 1/4"	1/2"	1/2"	1
L-2	UNDERMOUNT LAVATORY	1 1/4"	1/2"	1/2"	1
L-2H	UNDERMOUNT LAVATORY HANDICAPPED ACCESSIBLE	1 1/4"	1/2"	1/2"	1
L-3H	UNDERMOUNT LAVATORY HANDICAPPED ACCESSIBLE 	1 1/4"	1/2"	1/2"	1
KS-1	KITCHEN SINK - DOUBLE BOWL	1 1/2"	1/2"	1/2"	8,9,10
KS-1H	KITCHEN SINK - DOUBLE BOWL HANDICAPPED ACCESSIBLE	1 1/2"	1/2"	1/2"	8,9,10
KS-2	KITCHEN SINK - SINGLE BOWL HANDICAPPED ACCESSIBLE	1 1/2"	1/2"	1/2"	8,9,10
KS-3	KITCHEN SINK - SINGLE BOWL HANDICAPPED ACCESSIBLE	1 1/2"	1/2"	1/2"	8,9,10
SH-1	SHOWER	2"	1/2"	1/2"	1,7 12
SH-1H	SHOWER HANDICAPPED ACCESSIBLE	2"	1/2"	1/2"	1,7 12
SH-2H	SHOWER HANDICAPPED ACCESSIBLE	2"	1/2"	1/2"	1,7 12
SH-3	SHOWER	2"	1/2"	1/2"	1,7 12
SH-4	SHOWER	2"	1/2"	1/2"	1,7 12
BT-1	BATH TUB	2"	1/2"	1/2"	1,7 12,13
L-4	WALL HUNG LAVATORY	1 1/4"	1/2"	1/2"	1
WB-1	WASHING MACHINE BOX	2"	1/2"	1/2"	---
IM-1	ICE MAKER SUPPLY	---	---	1/2"	---
W-1	JANITOR'S MOP SINK	3"	1/2"	1/2"	---
EW-1	BI-LEVEL ADA COMPLIANT ELECTRIC WATER COOLER	1 1/2"	---	1/2"	---
NFWH	NON_FREEZE WALL HYDRANT FLUSH MOUNTED - ANTI-SIPHON	---	---	3/4"	---
WH	WALL MOUNTED WALL HYDRANT	---	---	3/4"	---
NFHB	NON_FREEZE HOSE BIBB	---	---	3/4"	---
NFRH	NON_FREEZE ROOF HYDRANT	---	---	3/4"	---

NOTES:

- COLOR OF FIXTURES SHALL BE WHITE AND FINISH OF FAUCETS SHALL BE CHROME PLATED.
- COORDINATE RIGHT-HAND OR LEFT-HAND TRIP LEVER REQUIREMENTS WITH ARCHITECTURAL DRAWINGS.
- PROVIDE MCQUIRE PFW125 INSULATION KIT.
- COORDINATE RIGHT-HAND OR LEFT-HAND OUTLET REQUIREMENTS WITH ARCHITECTURAL DRAWINGS.
- COORDINATE RIGHT-HAND OR LEFT-HAND OUTLET REQUIREMENTS WITH ARCHITECTURAL DRAWINGS.
- COORDINATE RIGHT-HAND OR LEFT-HAND FAUCET AND OUTLET REQUIREMENTS WITH ARCHITECTURAL DRAWINGS.
- COORDINATE RIGHT-HAND OR LEFT-HAND OUTLET REQUIREMENTS WITH ARCHITECTURAL DRAWINGS.
- SINK SHALL BE STAINLESS STEEL AND FINISH OF FAUCETS SHALL BE CHROME PLATED.
- PROVIDE Y-CONNECTOR DRAIN FOR DISHWASHER.
- DISPOSAL FURNISHED BY GEN. CONTRACTOR, INSTALLED BY PLUMBING CONTRACTOR.
- PROVIDE 2" FLOOR DRAIN IN SHOWER - JAY R. SMITH NO. 2010 WITH CHROME PLATED STRAINER.
- SHOWER HEAD MOUNTING HEIGHT @ 6'-6".
- ALL TUB VALVES ARE TO BE OFFSET.

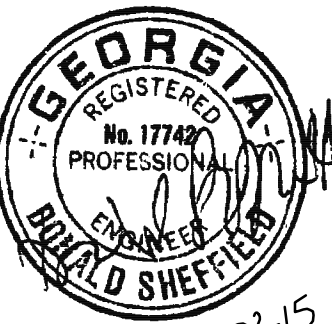
PUMP SCHEDULE							
TAG	SERVICE/ LOCATION	TYPE	FLOW (GPM)	HEAD (PS)	RPM	MOTOR HP	REMARKS
BP-1 BP-2 BP-3	DOMESTIC WATER/ WATER ROOM	CENTRIFUGAL VFD	449	54	3500	10/10/10	EACH PUMP RATED AT 150 GPM AT 59 PSI
FP-1	FIRE PUMP	HORIZONTAL SPLIT CASE	1000	127	3550	100	
JP-1	JOCKEY PUMP	IN-LINE MULTI-STAGE	12	137	-	3	
SP-1	SANITARY DRAINAGE/ ELEVATOR FIT	AUTOMATIC SUBMERSIBLE	64	22	3600	0.5	STANCOR SESO SUBMERSIBLE EFFLUENT PUMP, WITH OIL-WINDER CONTROL SYSTEM AND 3 PRONG PLUG.
SP-2	SANITARY DRAINAGE	AUTOMATIC SUBMERSIBLE	500	18.2	1750	10	STANCOR LX SERIES 100L SUBMERSIBLE PUMP
RCP-1	RECIRCULATING PUMP	-	-	-	-	-	BY TEAL SYSTEM
RCP-2	RECIRCULATING PUMP	-	-	-	-	-	BY TEAL SYSTEM
RCP-3	RECIRCULATING PUMP	CENTRIFUGAL	31	26	3450	1/2	TACO 2400-S0S

WATER HEATER SCHEDULE						
MARK	MODEL	STORAGE CAPACITY GALLONS	KW INPUT	GPH RECOVERY 100° RISE	TEMP OF WATER TO BE DEL.	ACCESSORIES
EW1H-1	A.O.SMITH - DEL-30	30	4.5	18	120°	1,2,3,4,5,6,7
EW1H-2	CHRONOMITE M-20L/208	---	4.16	---	110°	4,5
EW1H-3	A.O.SMITH - DEL-50	50	4.5	18	120°	1,2,3,4,5,6,7
EW1H-4	CHRONOMITE M-40/208	---	8.32	---	110°	4,5
EW1H-5	CHRONOMITE E-70FFLP/208	---	7	---	110°	4,5

ACCESSORIES:

1. PROVIDE EXPANSION TANK SIZED BY THE WATER HEATER MANUFACTURER'S RECOMMENDATIONS.
2. PROVIDE T&P RELIEF VALVE AND VACUUM RELIEF VALVE.
3. PROVIDE DIELECTRIC FITTINGS ON WATER INLET & OUTLET CONNECTIONS.
4. PROVIDE BALL VALVES AND UNIONS ON WATER INLET AND OUTLET CONNECTIONS.
5. LOCATE WATER HEATERS AS INDICATED ON PLANS.
6. ROUTE DRAIN PAN AND T&P RELIEF TO DRAIN. SEE WATER HEATER DETAIL.
7. PROVIDE THERMAL EXPANSION VALVE AS INDICATED ON DETAIL.

(TEAL SYTEM LOOP 2) HOT WATER BOOSTER HEATER						
MARK	MODEL	STORAGE CAPACITY GALLONS	KW INPUT	CPH RECOVERY 100% RISE	TEMP OF WATER TO BE DEL.	LOCATION
EWB-6	COATES - LS2036	-	36	148	120°	ROOM: WATER HEATER 619



No.	Description	Date
-----	-------------	------

No.	Description	Date
	DESIGN DEVELOP 50%	05/01
	DESIGN DEVELOP 100%	05/23
	80% CD SET	07/25
	100% CD SET	08/18
▲	REVISION 1	09/19
▲	REVISION 3	10/21
▲	REVISION 4	01/23

This drawing, as an instrument of service, is and shall remain the property of the Architects and shall not be reproduced, published or used in any way without the permission of the Architect.

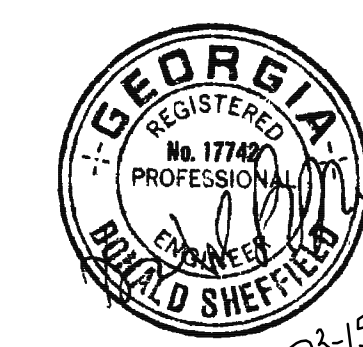
BROOKWOOD SQUARE
RESIDENTIAL

ATLANTA, GEORGIA

PLUMBING SCHEDULES

P0.02

03/18/2014



PROJECT #: 113044.00

DRAWN BY:

CHECKED BY:

**NILES BOLTON
ASSOCIATES**

3060 Peachtree Rd. N.W.
Suite 600
Atlanta, GA 30305

T 404 365 7600
F 404 365 7610

www.nilesbolton.com

[illegible]

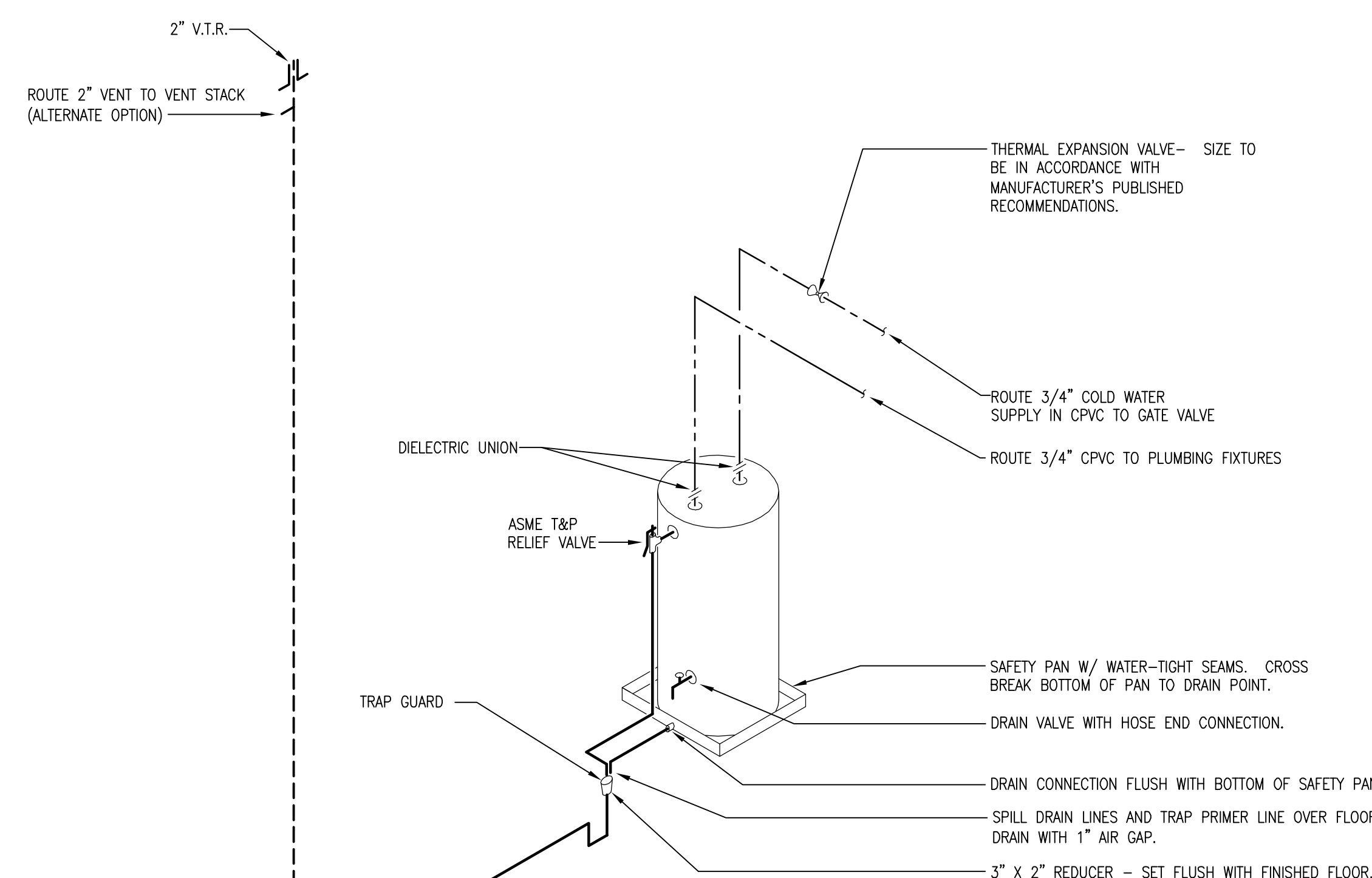
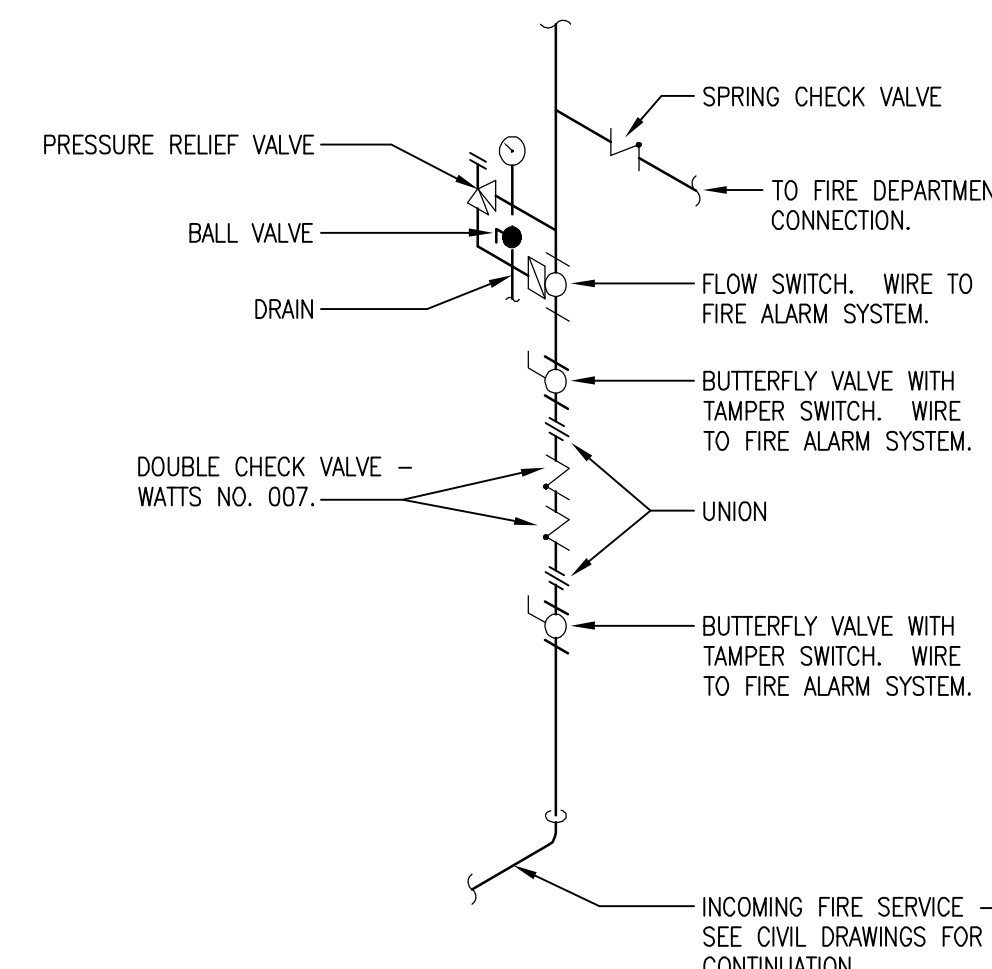
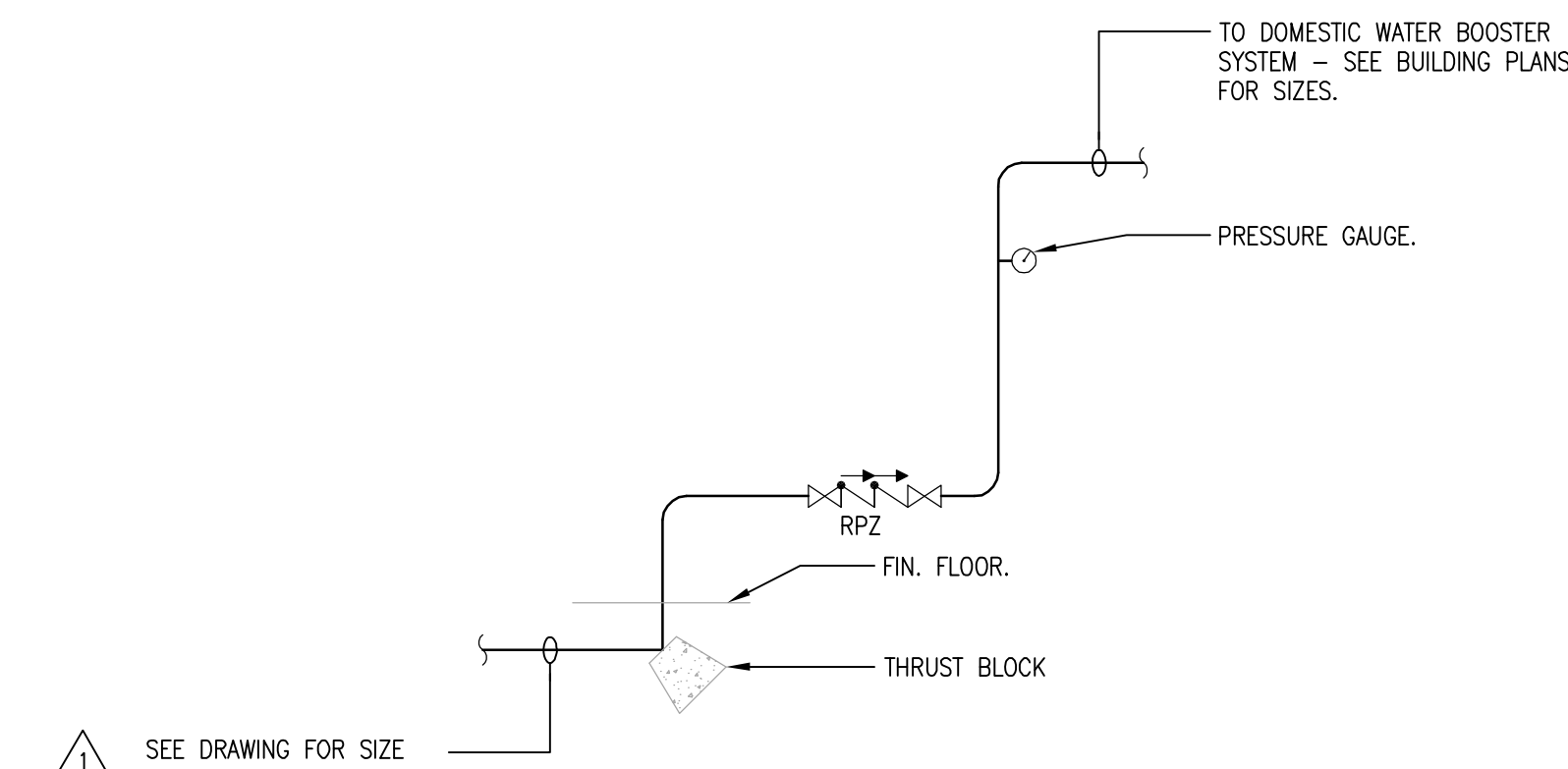
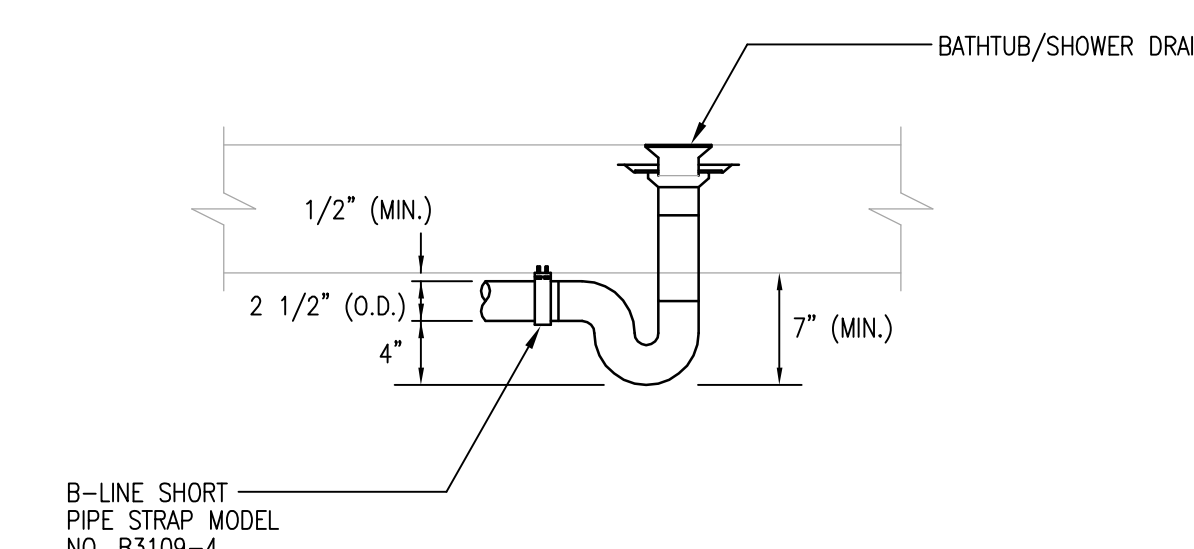
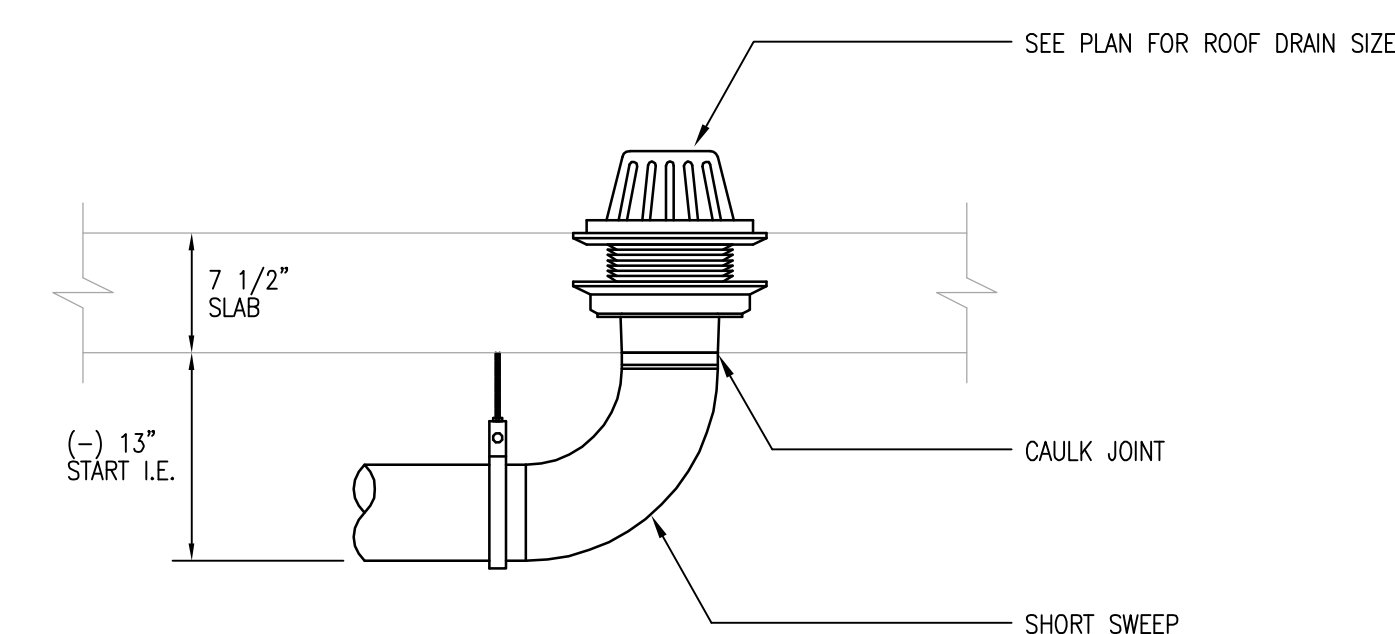
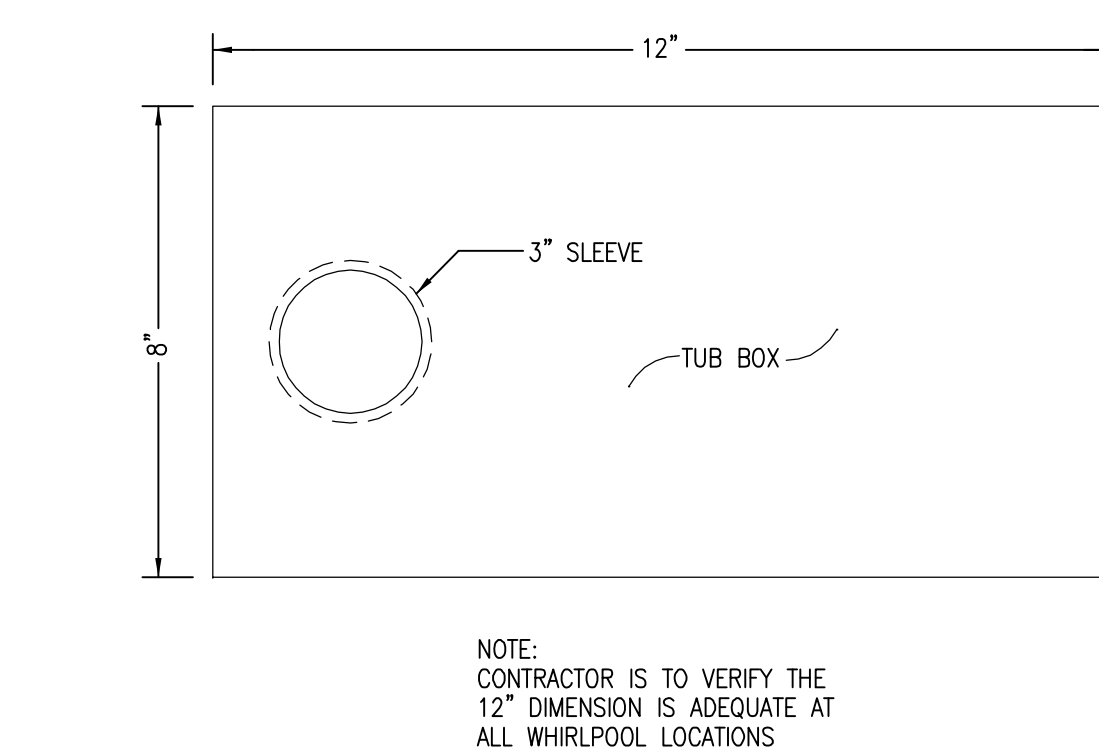
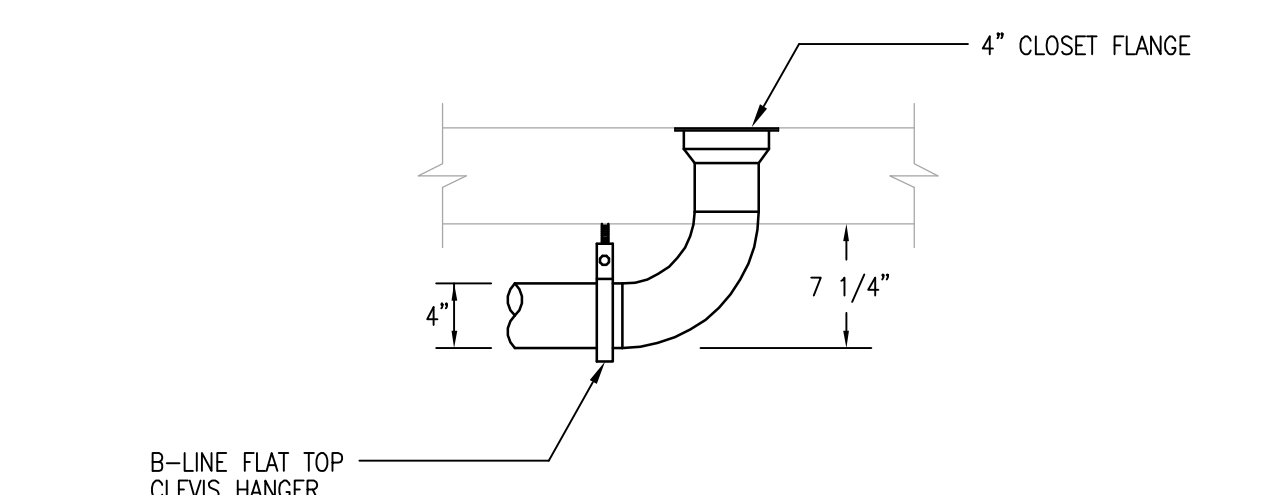
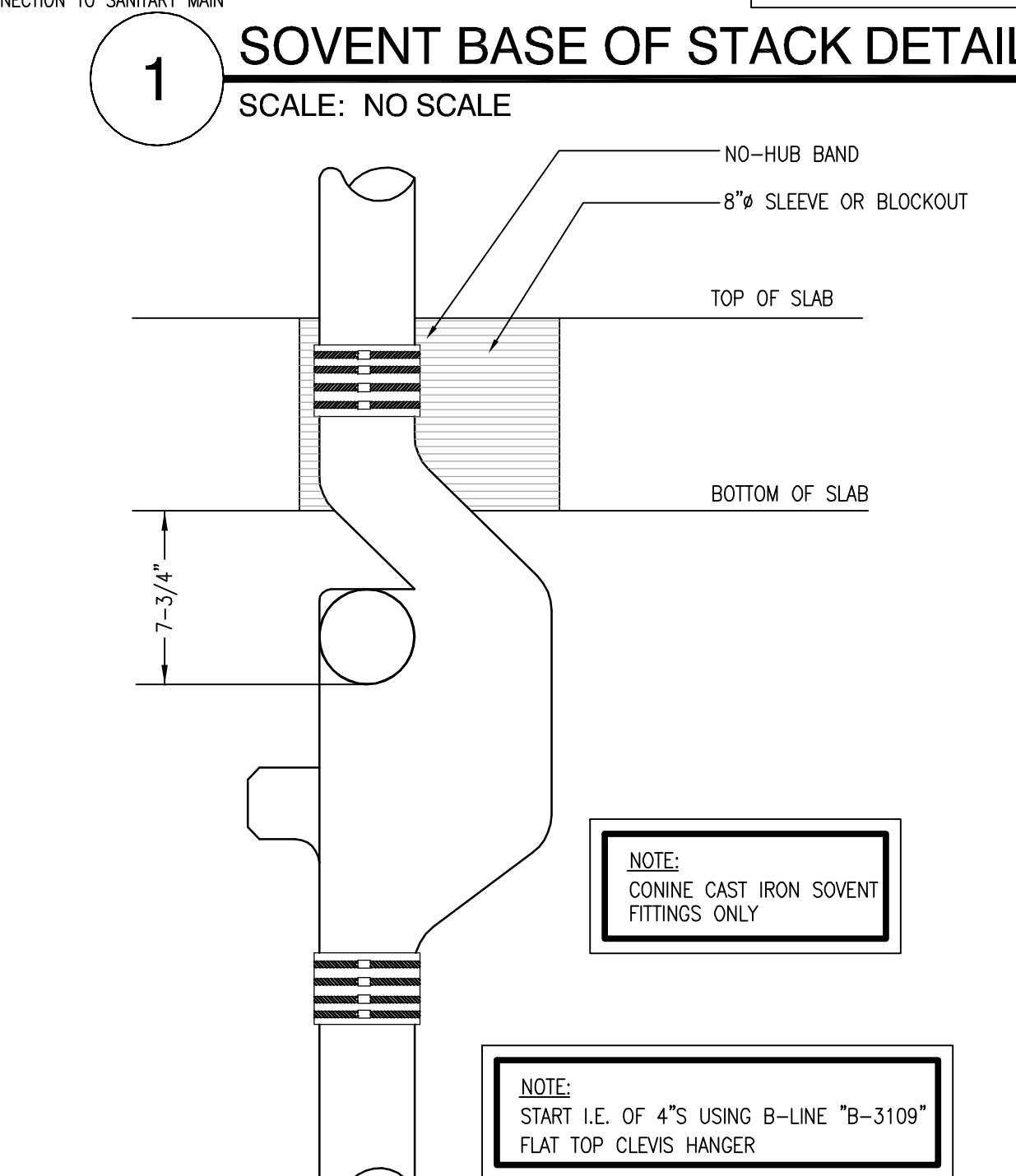
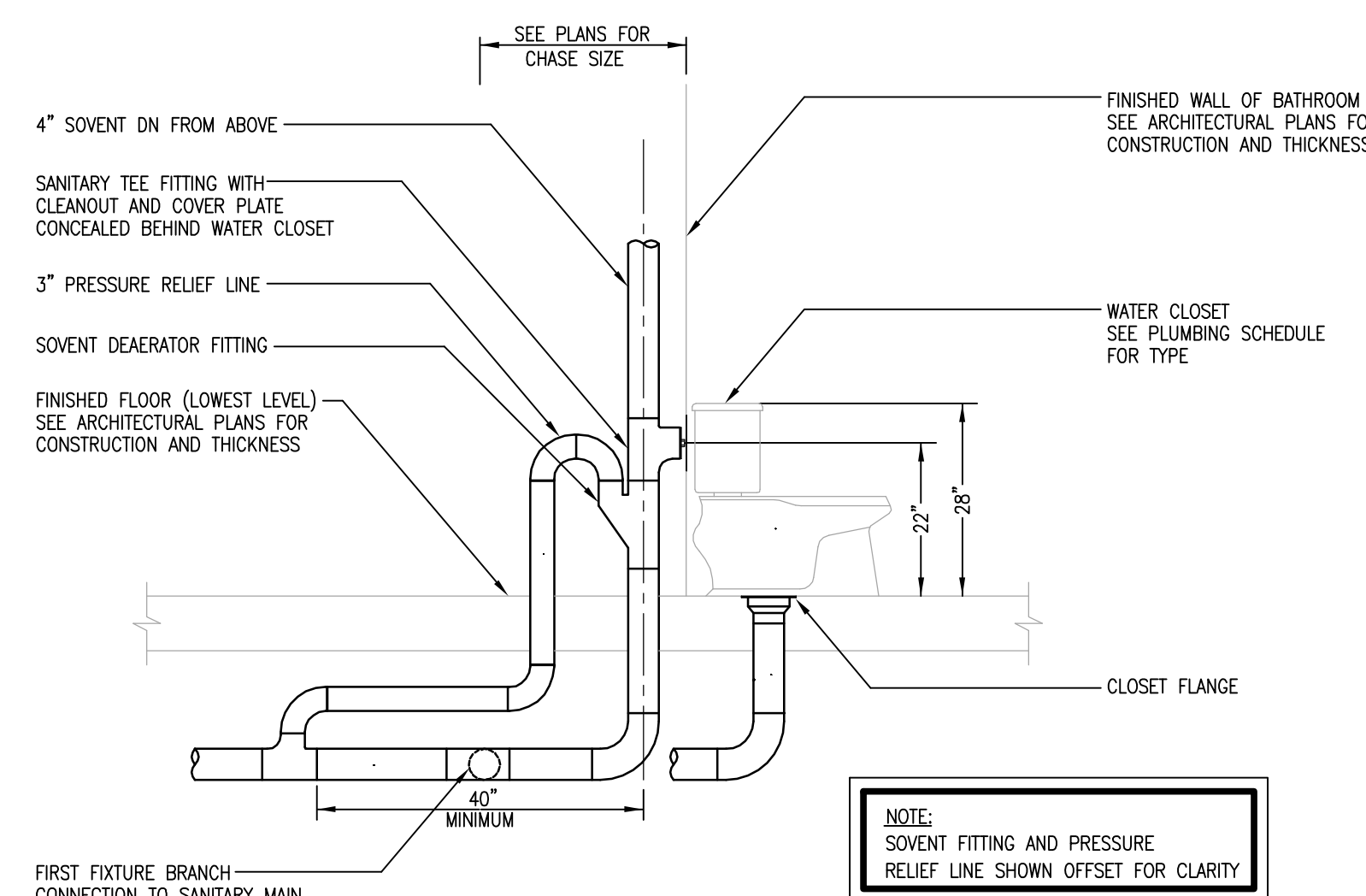
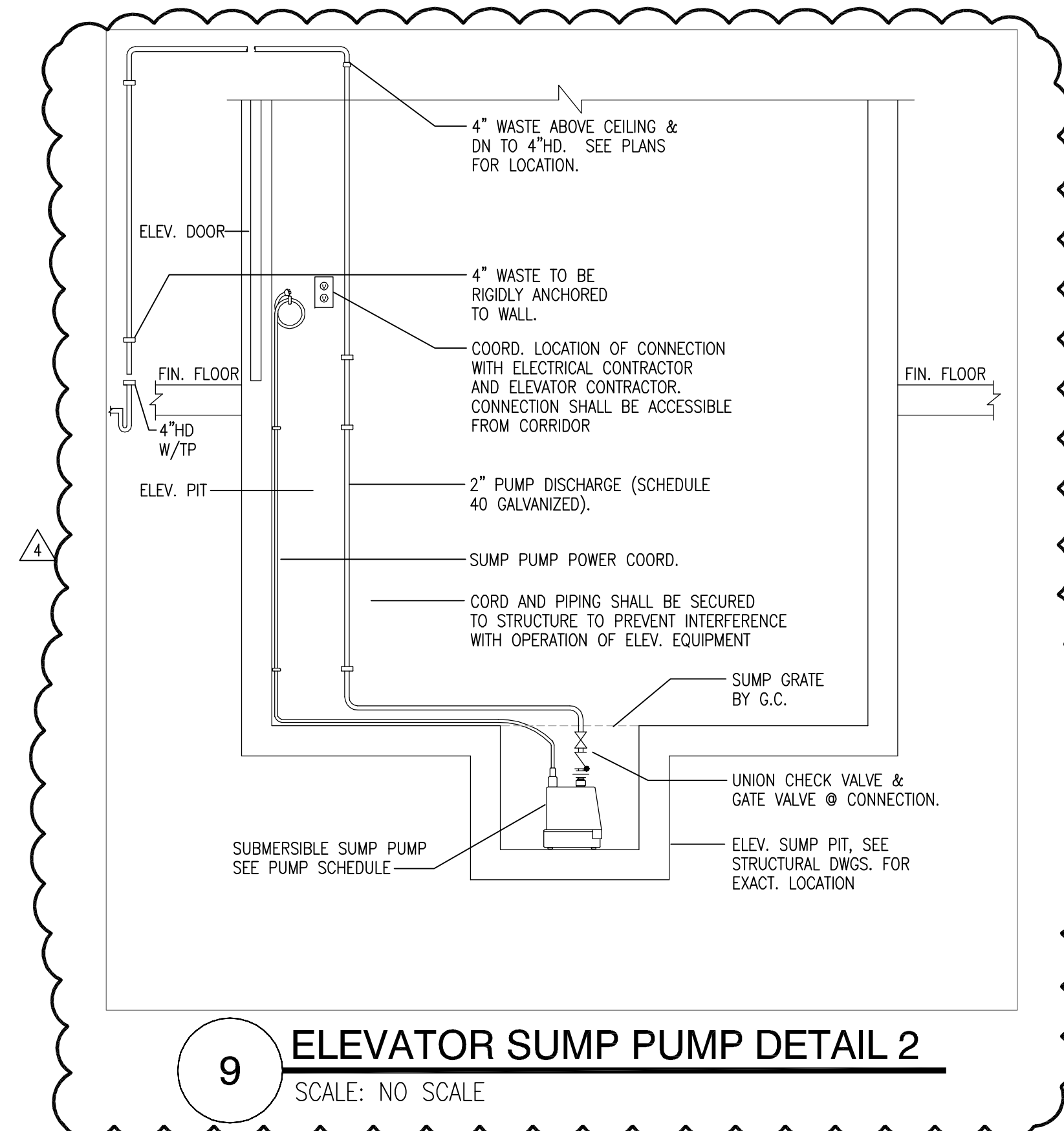
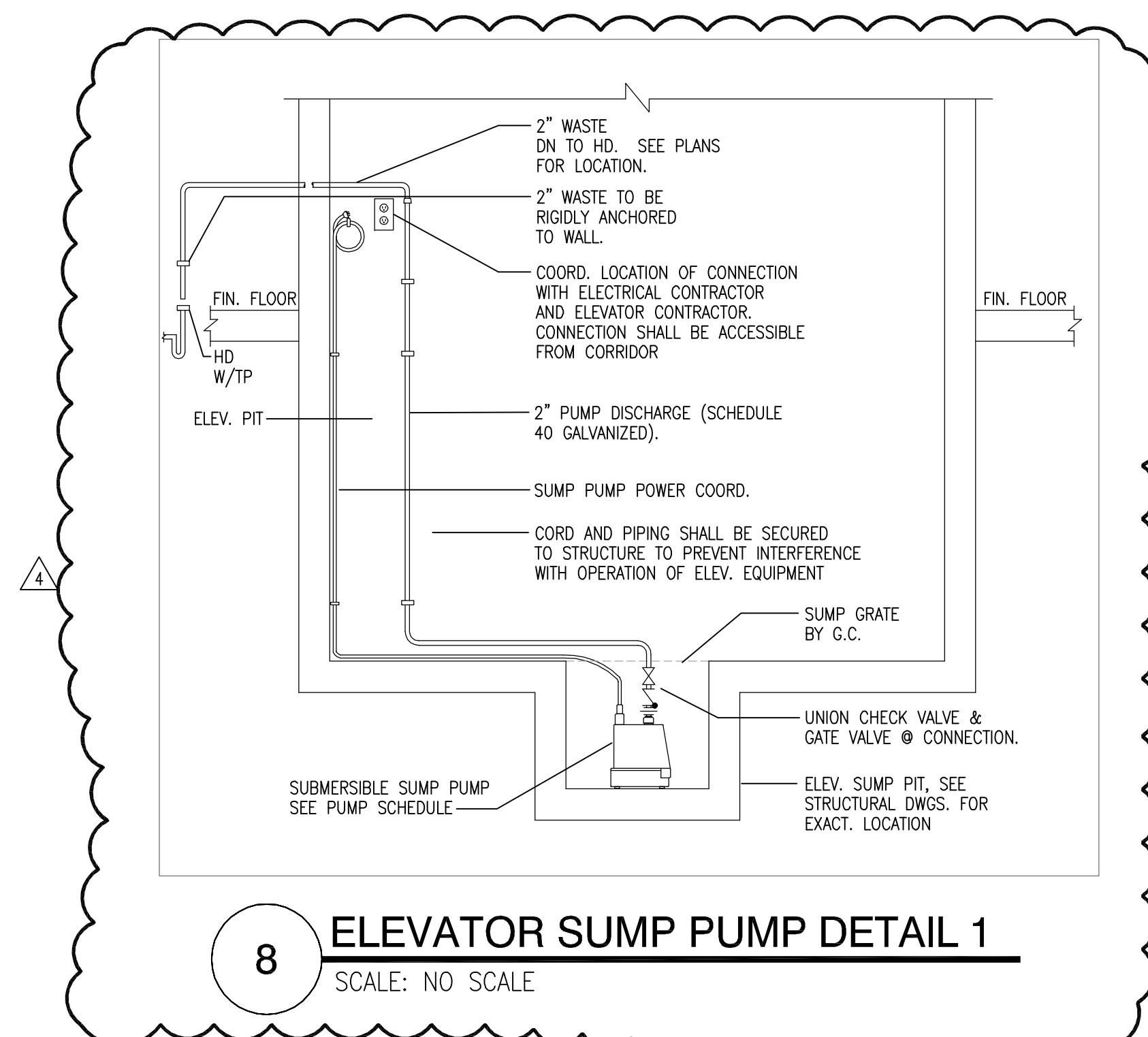
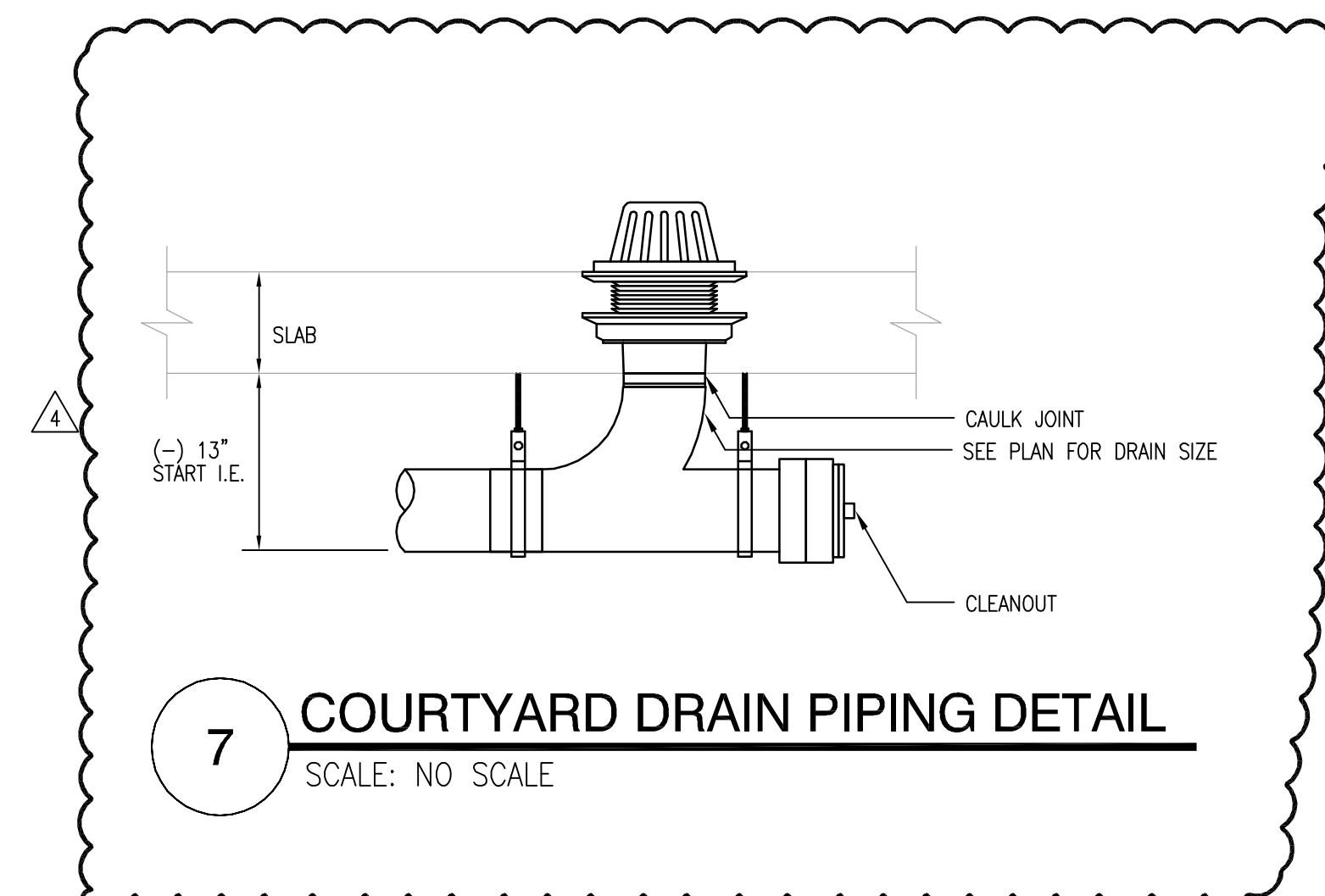
This drawing, as an instrument of service, is and shall remain the property of the Architects and shall not be reproduced, published or used in any way without the permission of the Architect.

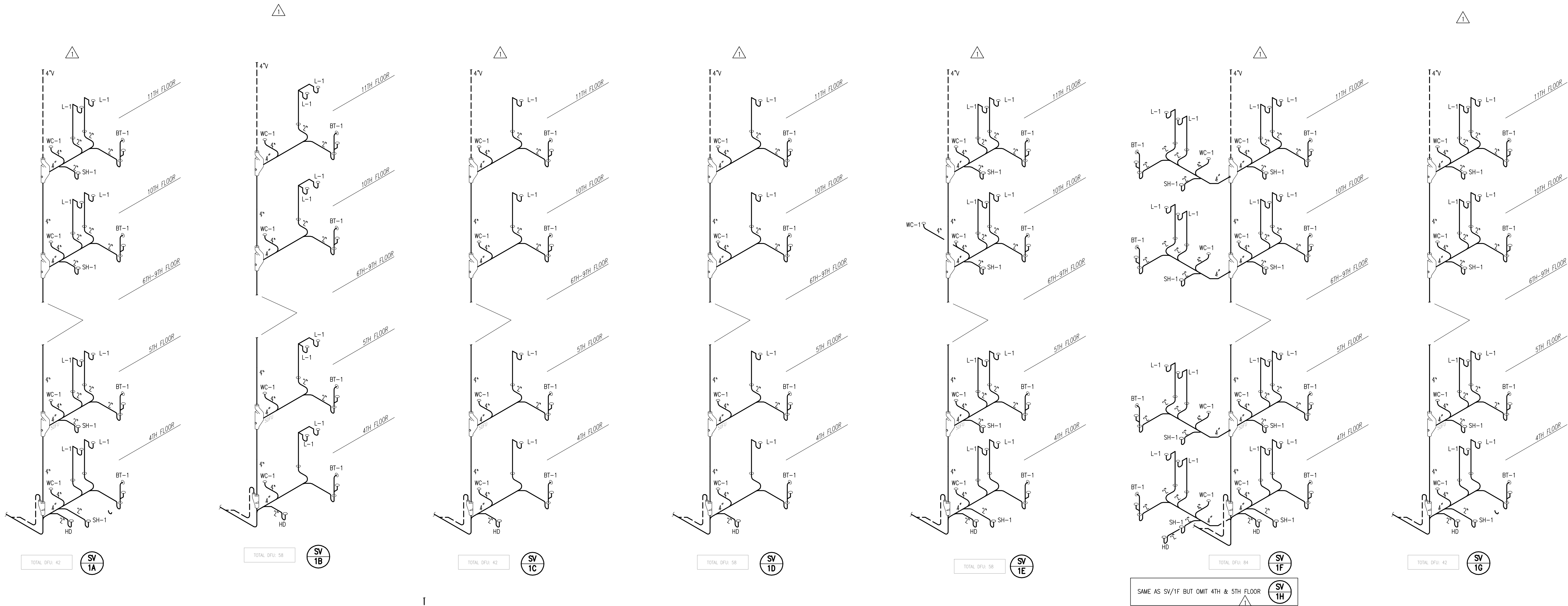
BROOKWOOD SQUARE
RESIDENTIAL
ATLANTA, GEORGIA

PLUMBING DETAILS

P0.03

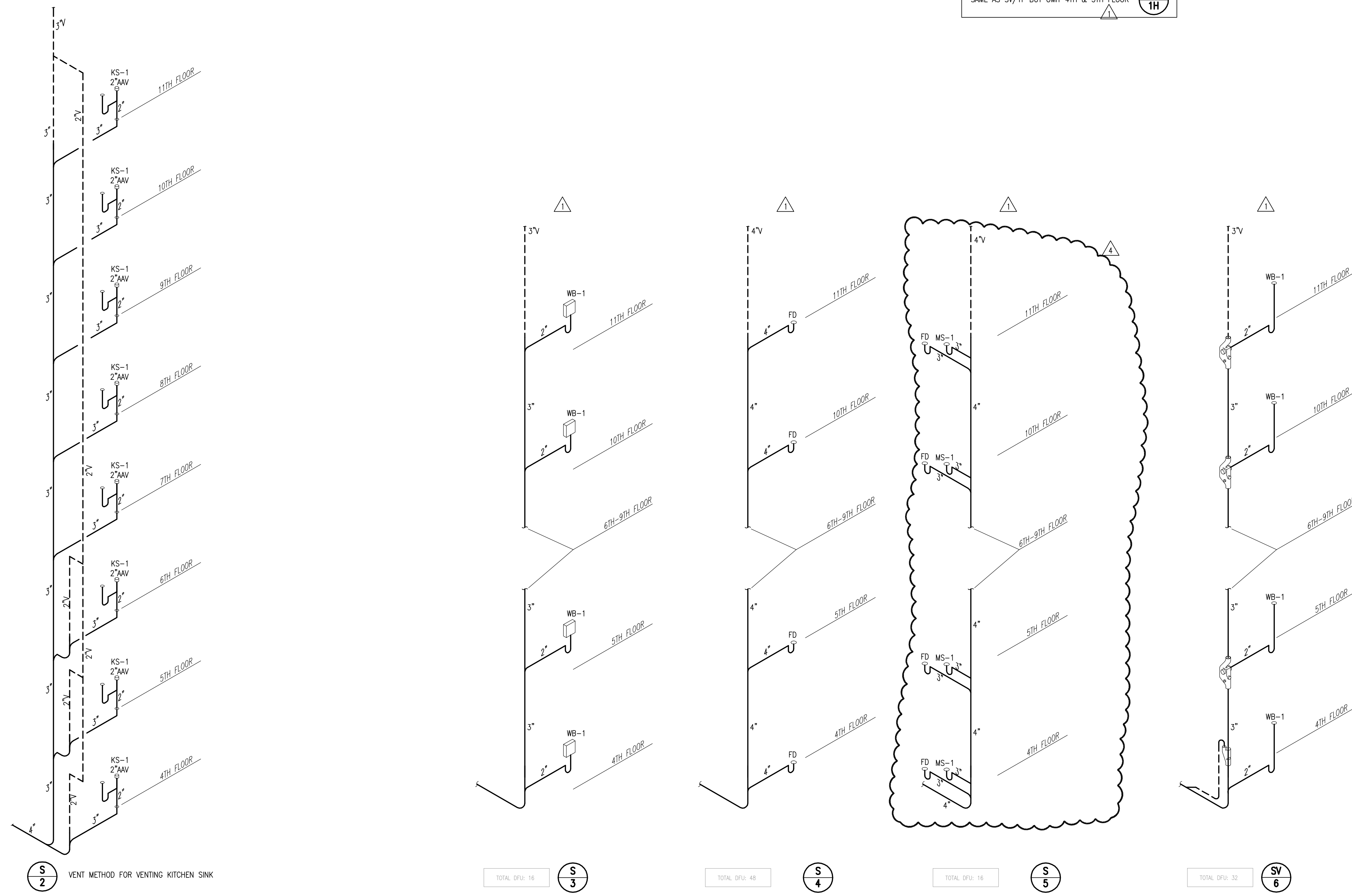
03/18/2014





NOTE: (THE INSTALLATION OF THE AIR ADMITTANCE VALVES MUST CONFORM TO THE REQUIREMENTS OF SECTIONS 918, IPC 2012 & MANUFACTURER'S INSTRUCTIONS.)

1. PROVIDE A AIR ADMITTANCE VALVE AT ISLAND KITCHEN SINK.
2. WHERE THE ISLAND KITCHEN SINK IS LOCATED MORE THAN FOUR BRANCH INTERVALS FROM THE TOP OF THE STACK, THE HORIZONTAL BRANCH SHALL BE PROVIDED WITH A RELIEF VENT THAT SHALL CONNECT TO A VENT STACK.



JSE Jordan & Skala Engineers
4275 Shadeland Road, Suite 200
Norcross, GA 30092
V: 770.447.5547 F: 770.448.0262
Project Number - 141-0208 Drawn By: Checked By:

PROJECT #: 113044.00
DRAWN BY:
CHECKED BY:

NILES BOLTON ASSOCIATES

3060 Peachtree Rd. N.W.
Suite 600
Atlanta, GA 30305
T 404 365 7600
F 404 365 7610
www.nilesbolton.com

No.	Description	Date
	DESIGN DEVELOP 50%	05/01/14
	DESIGN DEVELOP 100%	05/23/14
	80% CD SET	07/25/14
	100% CD SET	08/18/14
Δ	REVISION 1	09/19/14
Δ	REVISION 3	10/21/14
Δ	REVISION 4	01/23/15

This drawing, as an instrument of service, is and shall remain the property of the Architects and shall not be reproduced, published or used in any way without the permission of the Architects.

BROOKWOOD SQUARE RESIDENTIAL
ATLANTA, GEORGIA

SANITARY RISERS

PO.04
03/18/2014

CHECKED BY:

www.nilesbolton.com

[illegible]

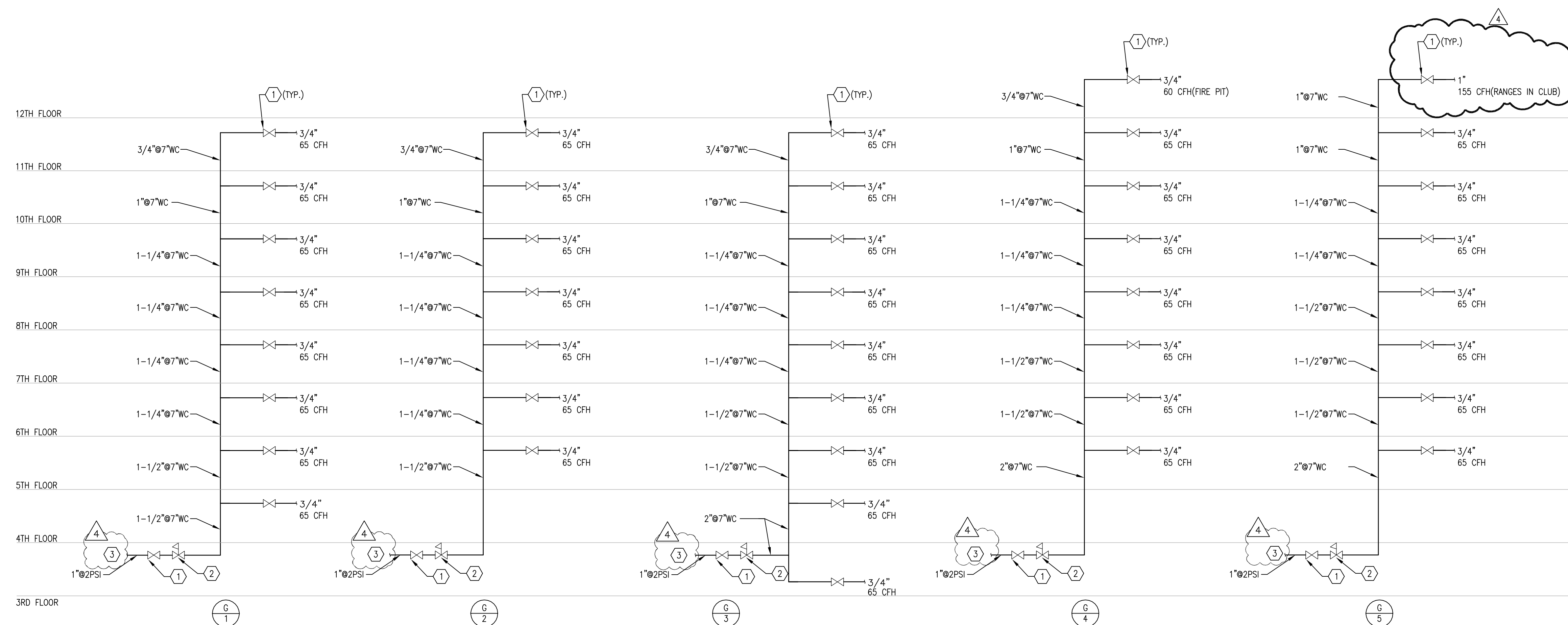
This drawing, as an instrument of service, is and shall remain the property of the Architects and shall not be reproduced, published or used in any way without the permission of the Architect.

BROOKWOOD SQUARE
RESIDENTIAL
ATLANTA, GEORGIA

GAS RISERS

03/18/2014

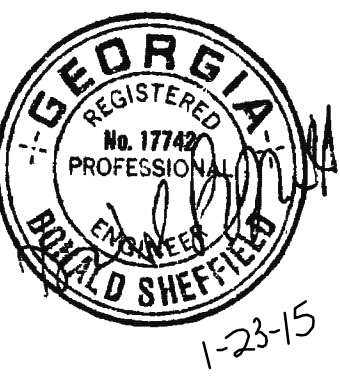
3



KEY NOTES:

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

SCALE: N.T.S.



PROJECT #: 113044.00

DRAWN BY:

CHECKED BY:

NILES BOLTON ASSOCIATES

3060 Peachtree Rd. N.W.
Suite 600
Atlanta, GA 30305

T 404 365 7600
F 404 365 7610

www.nilesbolton.com

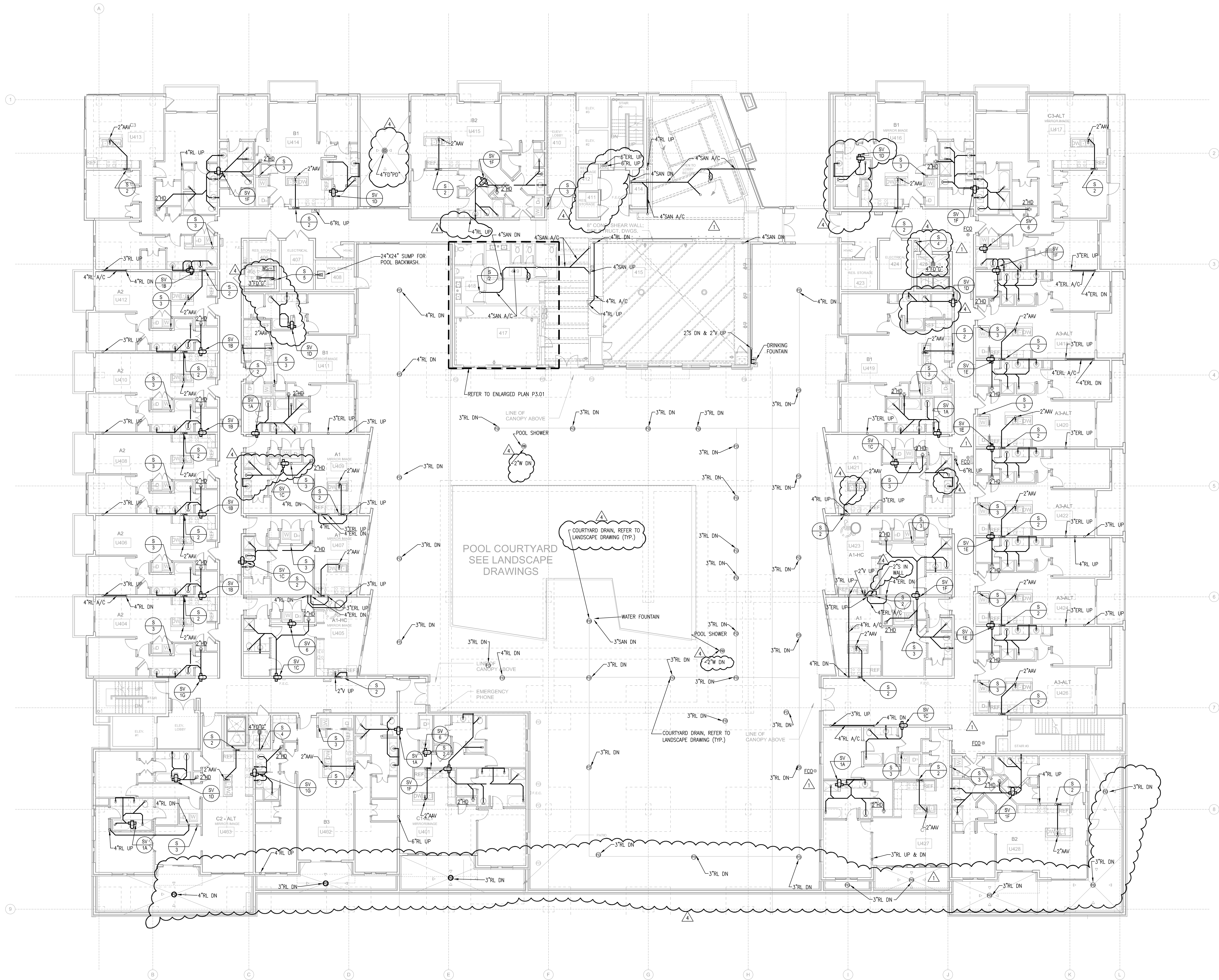
No.	Description	Date
DESIGN DEVELOP 50%		05/01/14
DESIGN DEVELOP 100%		05/23/14
80% CD SET		07/25/14
100% CD SET		08/18/14
REVISION 1		09/19/14
REVISION 3		10/21/14
REVISION 4		01/23/15

This drawing, as an instrument of service, is and shall remain the property of the Architect and shall not be reproduced, published or used in any way without the permission of the Architect.

**BROOKWOOD SQUARE
RESIDENTIAL**
ATLANTA, GEORGIA

**LEVEL 4 BUILDING PLAN -
SANITARY**

P2.01A
03/18/2014



No.	Description	Date
	DESIGN DEVELOP 100%	05/23/14
	80% CD SET	07/25/14
	100% CD SET	08/18/14
⚠	REVISION 1	09/19/14
⚠		
⚠	REVISION 3	10/21/14
⚠	REVISION 4	01/23/15

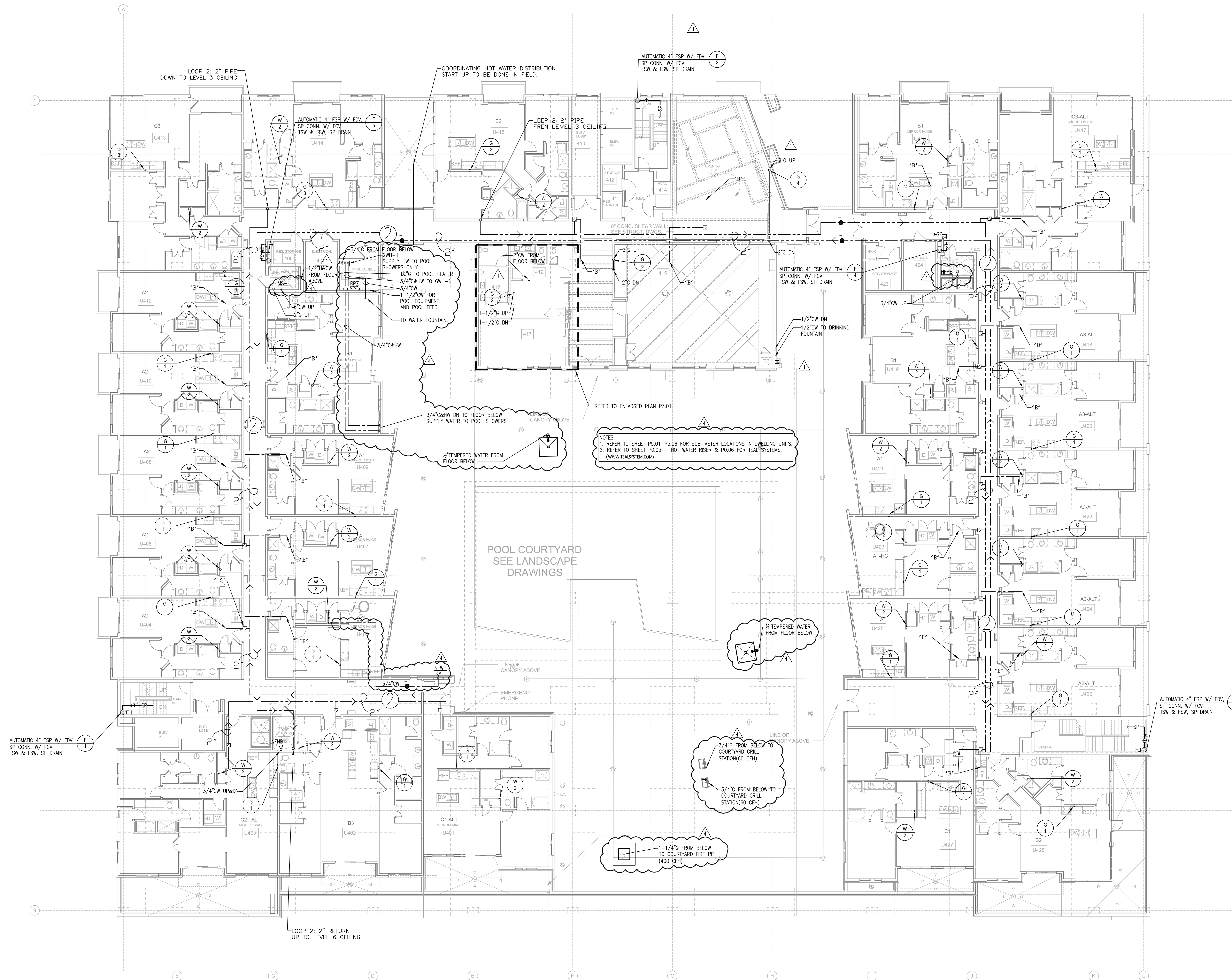
This drawing, as an instrument of service, is and shall remain the property of the Architect and shall not be reproduced, published or used in any way without the permission of the Architect.

KEY NOTES:

- B: 2" VERTICAL PIPING FROM ABOVE (MEP TO VERIFY EXACT LOCATION).
C: TYPICAL ACCESS PANEL IN CORRIDOR (MINIMAL SIZE 12"x12") (MEP TO VERIFY LOCATION WITH ARCHITECT DIRECTION).

BEST PRACTICE RECOMMENDATIONS:

- MEP TO VERIFY EXACT LOCATION OF ENTRANCE AND EXIT OF BUILDINGS.
- MEP TO VERIFY EXACT LOCATION OF VERTICAL RISER PIPING IN GARAGE/CORRIDORS/UNITS.
- ALL PIPING INSIDE OF A BUILDING SHOULD BE IN CEILING TRUSS SPACE OR AT CONCRETE PODIUM (UND.). SEE RISERS DETAILS.
- HW LOOP PIPING TO BE 2-1/2" FROM TEAL ROOM UNTIL THE LAST SOUTHS AND THEN DROP TO A 2" PIPE BACK TO TEAL ROOM (UND.). SEE LOOP LAYOUT.
- ALL HW PIPING LOOPS WILL HAVE A HEADER, A FOOTER PIPING AND REVERSE RETURN PIPING AS SHOWN ON THESE PLANS AND THE HW RISER.
- THE TOTAL VOLUME OF WATER CONTAINED IN THE PIPE BETWEEN THE HW CIRCULATED MAIN AND ANY FIXTURE SHOULD NOT BE MORE THAN THE GPM FLOW OF THAT FIXTURE. (IE A 2 GALLONS UN-CIRCULATED WATER FOR 2 GPM FIXTURE OR 5 GALLONS OF UN-CIRCULATED WATER FOR .5 GPM FIXTURE.
- MEP & CIVIL TO COORDINATE HW DISTRIBUTION PIPING ABOVE & BELOW GRADE. (PER ARCHITECT DIRECTION)
- PLUMBING CONTRACTOR TO PROVIDE AND INSTALL ALL HOT WATER DISTRIBUTION PIPING. PLUMBING CONTRACTOR TO MAKE ALL GAS AND WATER CONNECTIONS TO THE TEAL PLUG AND PLAY EQUIPMENT PACKAGE.
- THIS HW LAYOUT IS PROVIDED WITHOUT A TURN KEY OR PHASING SCHEDULE. PLEASE CONTACT MICHAEL ARELLANO @ MARELLANODETALSYSYSTEM.COM IF CHANGES OR ADDITIONAL COLLABORATION ARE REQUIRED.
- PIPE SIZING IS BASED ON HISTORIC DATA COLLECTED FROM PREVIOUS TEAL PROJECTS (PEAK LOAD AT 0.2 GPM PER APARTMENT WITH AN 80F DELTA T).
- THE TEAL EQUIPMENT PACKAGE IN THE TEAL ROOM IS DESIGN FOR THIS LOOP LAYOUT AND RISERS. IF THE NUMBER OF UNITS OR RISERS ARE CHANGE BML. (THE TEAL SYSTEM) SHOULD BE NOTIFIED.



1 LEVEL 4 BUILDING PLAN - WATER & GAS
P2.01B 3/18/2014

CHECKED BY:

www.nilesbolton.com

No.	Description	Date
	DESIGN DEVELOP 50%	05/01/
	DESIGN DEVELOP 100%	05/23/
	80% CD SET	07/25/
	100% CD SET	08/18/
⚠	REVISION 1	09/19/
⚠	REVISION 3	10/21/
⚠	REVISION 4	01/23/

This drawing, as an instrument of service, is and shall remain the property of the Architects and shall not be reproduced, published or used in any way without the permission of the Architect.

BROOKWOOD SQUARE
RESIDENTIAL

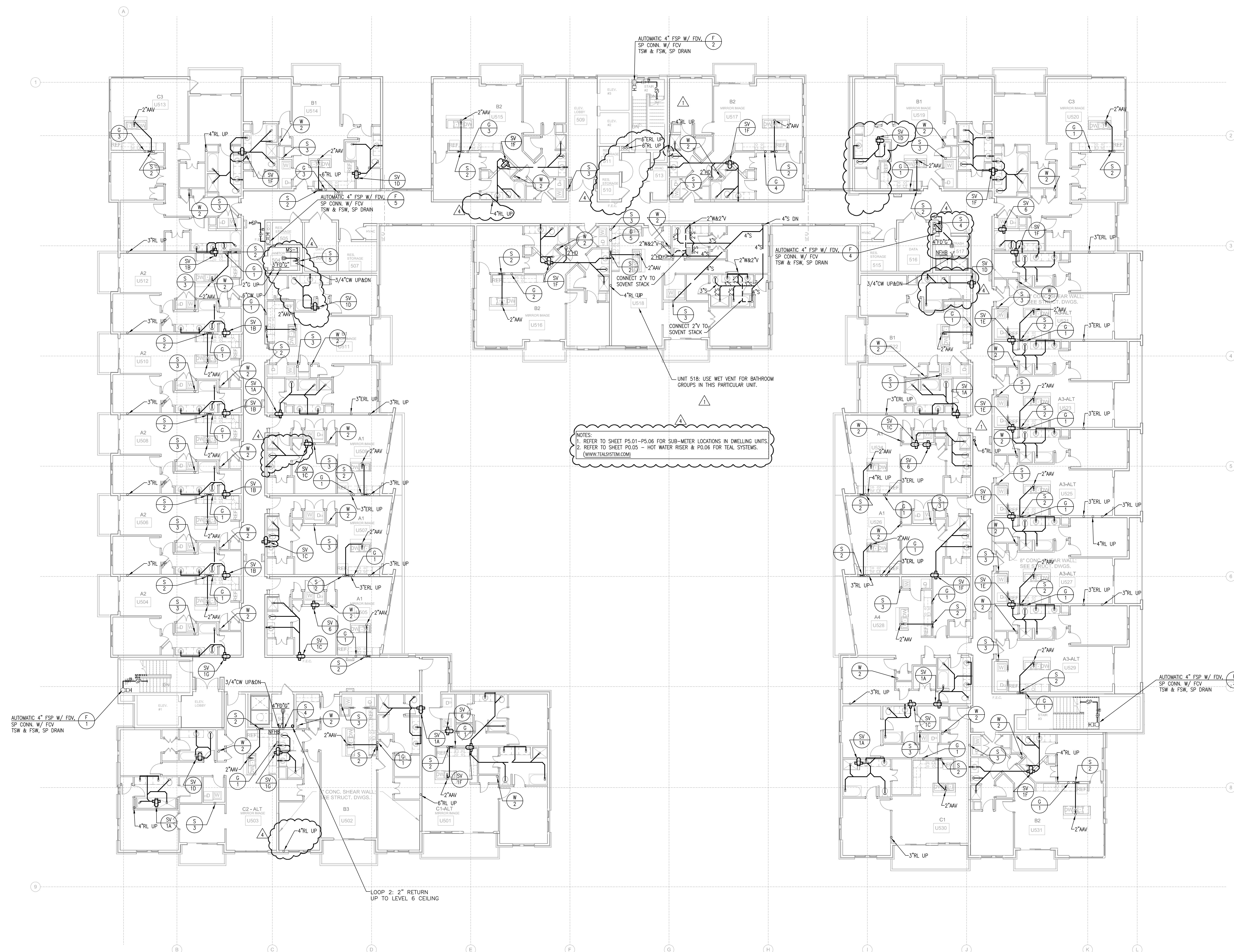
ATLANTA, GEORGIA

LEVEL 5 BUILDING PLAN - PLUMBING

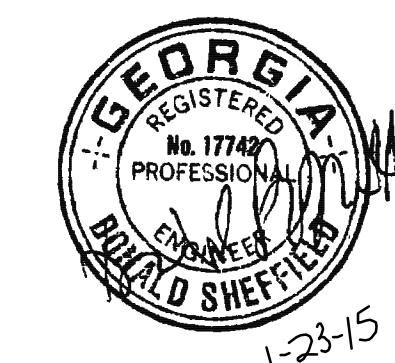
P2.02

03/18/2014

	
--	--



1 LEVEL 5 BUILDING PLAN - PLUMBING



PROJECT #: 113044.00

DRAWN BY:

CHECKED BY:

NILES BOLTON ASSOCIATES

3060 Peachtree Rd. N.W.
Suite 600
Atlanta, GA 30305

T 404 365 7600
F 404 365 7610

www.nilesbolton.com

No.	Description	Date
	DESIGN DEVELOP 50%	05/01/14
	DESIGN DEVELOP 100%	05/23/14
	80% CD SET	07/25/14
	100% CD SET	08/18/14
Δ	REVISION 1	09/19/14
Δ	REVISION 3	10/21/14
Δ	REVISION 4	01/23/15

This drawing, as an instrument of service, is to be used only for the project and site specified herein. It is not to be reproduced, copied, or used for any other project without the written consent of the Architect.

**BROOKWOOD SQUARE
RESIDENTIAL**
ATLANTA, GEORGIA

**LEVEL 6 BUILDING PLAN
- WATER**

P2.03A

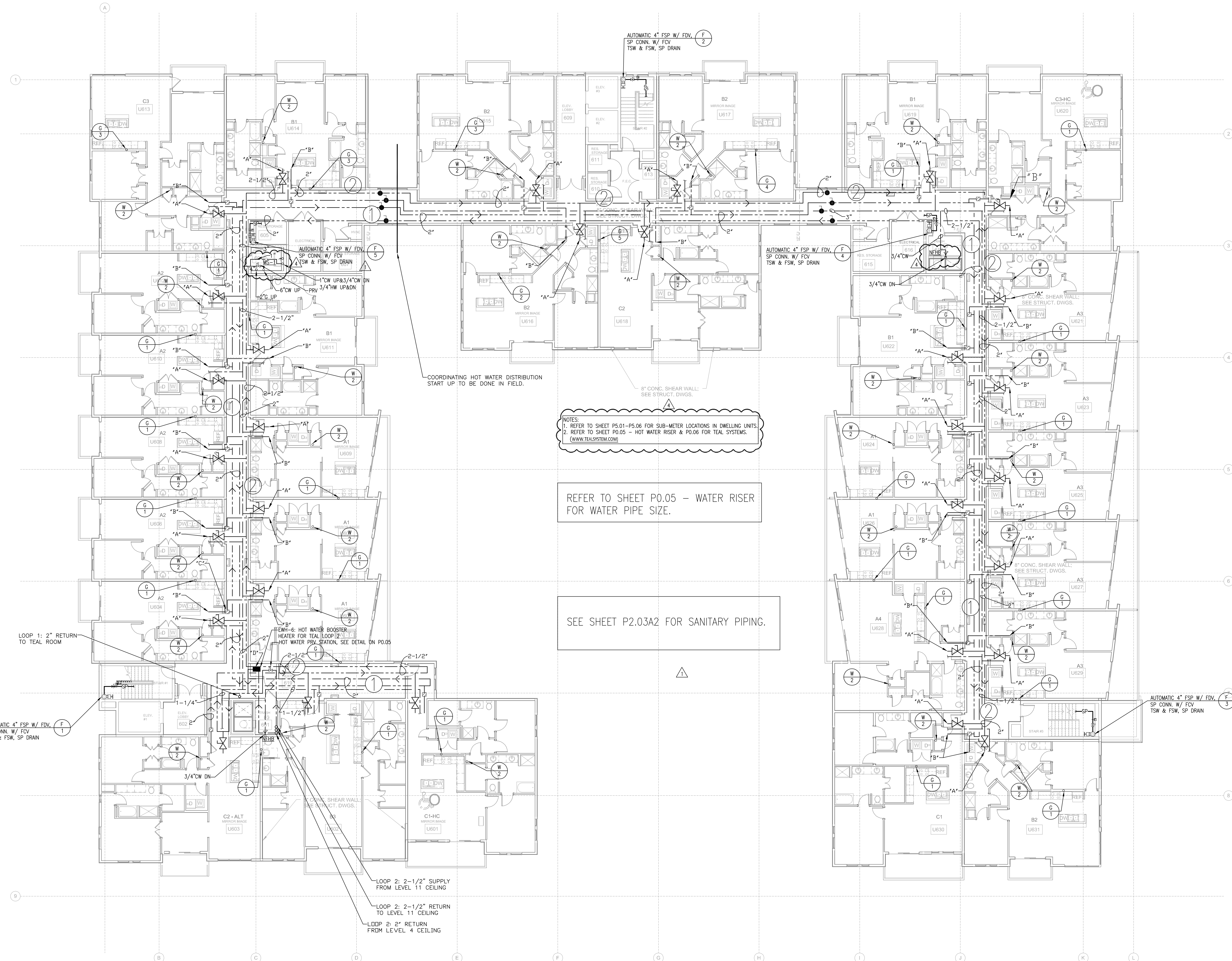
03/18/2014

KEY NOTES:

- 2" VERTICAL PIPING DOWN (MEP TO VERIFY EXACT LOCATION).
- 2" VERTICAL PIPING FROM ABOVE (MEP TO VERIFY EXACT LOCATION).
- TYPICAL ACCESS PANEL IN CORRIDOR (MINIMAL SIZE 12"x12") (MEP TO VERIFY LOCATION WITH ARCHITECT DIRECTION).
- ELECTRIC HEATER & PRV STATION TO BE LOCATED ON THIS FLOOR. (MEP TO VERIFY EXACT LOCATION). SEE HW RISER.

BEST PRACTICE RECOMMENDATIONS:

- MEP TO VERIFY EXACT LOCATION OF ENTRANCE AND EXIT OF BUILDINGS.
- MEP TO VERIFY EXACT LOCATION OF VERTICAL/RISER PIPING IN GARAGE/CORRIDORS/UNITS.
- ALL PIPING INSIDE OF A BUILDING SHOULD BE IN CEILING TRUSS SPACE OR AT CONCRETE PADIUM (UNID.) SEE RISERS DETAILS.
- HW LOOP PIPING TO BE 2-1/2" FROM TEAL ROOM UNTIL THE LAST 50' INITS AND THEN DROP TO A 2" PIPE BACK TO TEAL ROOM (UNID.) SEE LOOP LAYOUT.
- ALL HW PIPING LOOPS WILL HAVE A HEADER, A FOOTER PIPING AND REVERSE RETURN PIPING AS SHOWN ON THESE PLANS AND THE HW RISER.
- THE TOTAL VOLUME OF WATER CONTAINED IN THE PIPE BETWEEN THE HW CIRCULATED MAIN AND ANY FIXTURE SHOULD NOT BE MORE THAN THE GPM FLOW OF THAT FIXTURE. (IE: A 2 GALLONS UN-CIRCULATED WATER FOR 2 GPM FIXTURE OR 5 GALLONS OF UN-CIRCULATED WATER FOR 5 GPM FIXTURE).
- MEP & CIVIL TO COORDINATE HW DISTRIBUTION PIPING ABOVE & BELOW GRADE. (PER ARCHITECT DIRECTION)
- PLUMBING CONTRACTOR TO PROVIDE AND INSTALL ALL HOT WATER DISTRIBUTION PIPING. PLUMBING CONTRACTOR TO MAKE ALL GAS AND WATER CONNECTIONS TO THE TEAL PLUG AND PLAY EQUIPMENT PACKAGE.
- THIS HW LAYOUT IS PROVIDED WITHOUT A TURN KEY OR PHASING SCHEDULE. PLEASE CONTACT MICHAEL ARELLANO & MARELLANDERTEALSYSTEM.COM IF CHANGES OR ADDITIONAL COLLABORATION ARE REQUIRED.
- PIPE SIZING IS BASE ON HISTORIC DATA COLLECTED FROM PREVIOUS TEAL PROJECTS (PEAK LOAD AT 0.2 GPM PER APARTMENT WITH AN 80F DELTA T).
- THE TEAL EQUIPMENT PACKAGE IN THE TEAL ROOM IS DESIGN FOR THIS LOOP LAYOUT AND RISERS. IF THE NUMBER OF UNITS OR RISERS ARE CHANGE BML. (THE TEAL SYSTEM) SHOULD BE NOTIFIED.

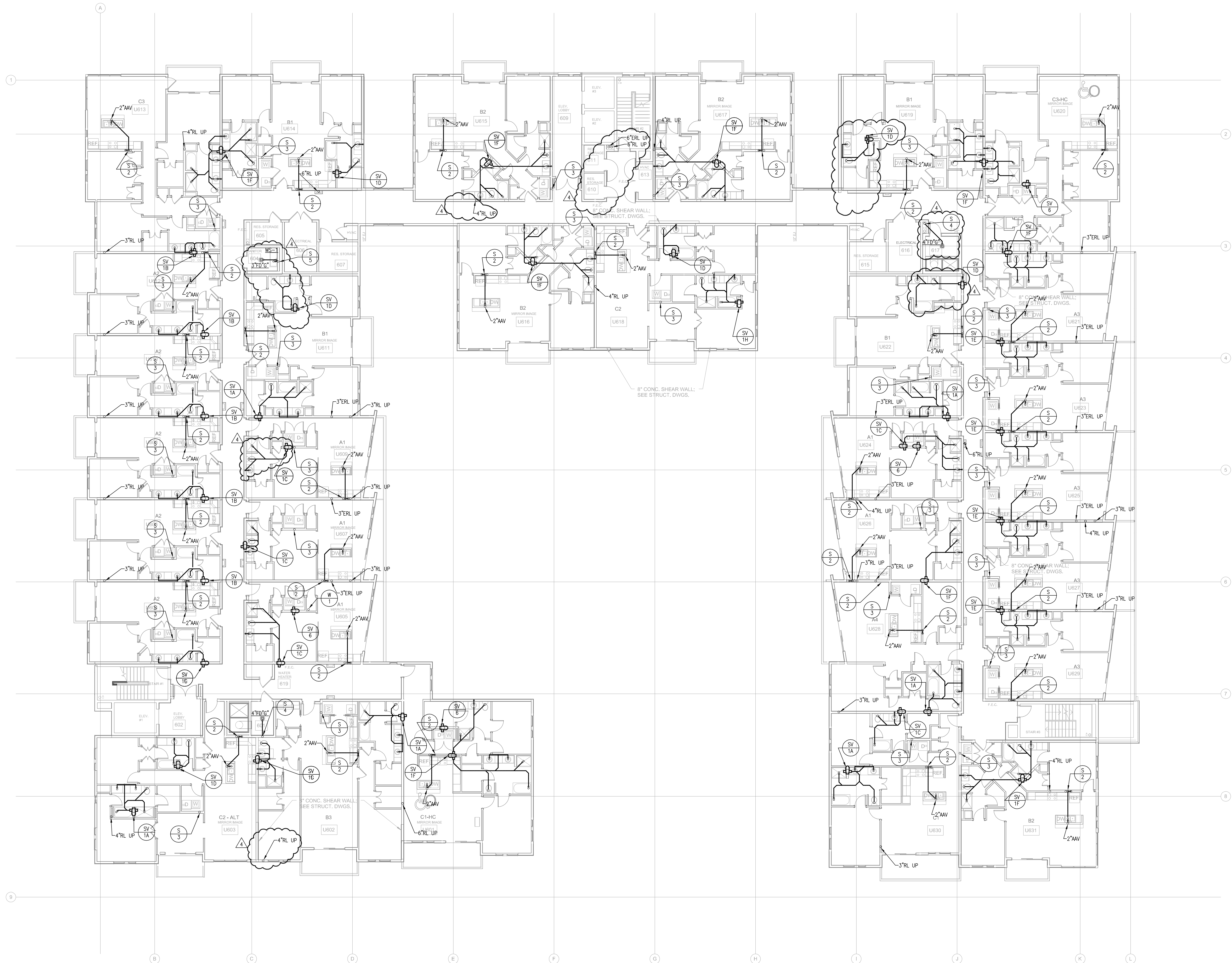


NOTES:
1. REFER TO SHEET P5.01-P5.06 FOR SUB-METER LOCATIONS IN DWELLING UNITS.
2. REFER TO SHEET P0.05 - HOT WATER RISER & P0.06 FOR TEAL SYSTEMS.
(WWW.TEALSYSTEM.COM)

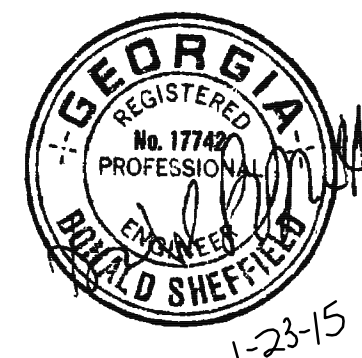
REFER TO SHEET P0.05 - WATER RISER FOR WATER PIPE SIZE.

SEE SHEET P2.03A2 FOR SANITARY PIPING.

1 LEVEL 6 BUILDING PLAN - WATER
P2.03A 3/32\"/>



1 LEVEL 6 BUILDING PLAN - SANITARY
P2.03A2 3/12/21-14"



PROJECT #: 113044.00
DRAWN BY:
CHECKED BY:

**NILES BOLTON
ASSOCIATES**

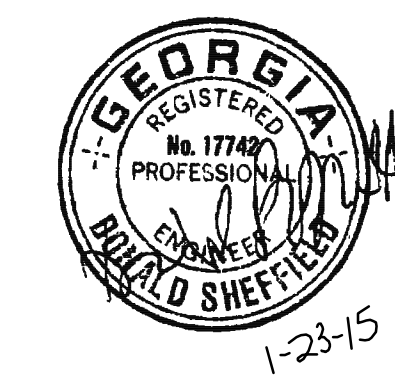
3060 Peachtree Rd. N.W.
Suite 600
Atlanta, GA 30305
T 404 365 7600
F 404 365 7610
www.nilesbolton.com

No.	Description	Date
	DESIGN DEVELOP 50%	05/01/14
	DESIGN DEVELOP 100%	05/23/14
	80% CD SET	07/25/14
	100% CD SET	08/18/14
Δ	REVISION 1	09/19/14
Δ	REVISION 3	10/21/14
Δ	REVISION 4	01/23/15

This drawing, as an instrument of service, is and shall remain the property of the Architect and shall not be reproduced, published or used in any way without the permission of the Architect.

**BROOKWOOD SQUARE
RESIDENTIAL**
ATLANTA, GEORGIA

**LEVEL 6 BUILDING PLAN -
SANITARY**



PROJECT #: 113044.00
DRAWN BY:
CHECKED BY:

**NILES BOLTON
ASSOCIATES**

3060 Peachtree Rd. N.W.
Suite 600
Atlanta, GA 30305

T 404 365 7600
F 404 365 7610

www.nilesbolton.com

No.	Description	Date
	DESIGN DEVELOP 50%	05/01/14
	DESIGN DEVELOP 100%	05/23/14
	80% CD SET	07/25/14
	100% CD SET	08/18/14
REVISION 1		09/19/14
REVISION 3		10/21/14
REVISION 4		01/23/15

This drawing, as an instrument of service, is and shall remain the property of the Architect and shall not be reproduced, published or used in any way without the permission of the Architect.

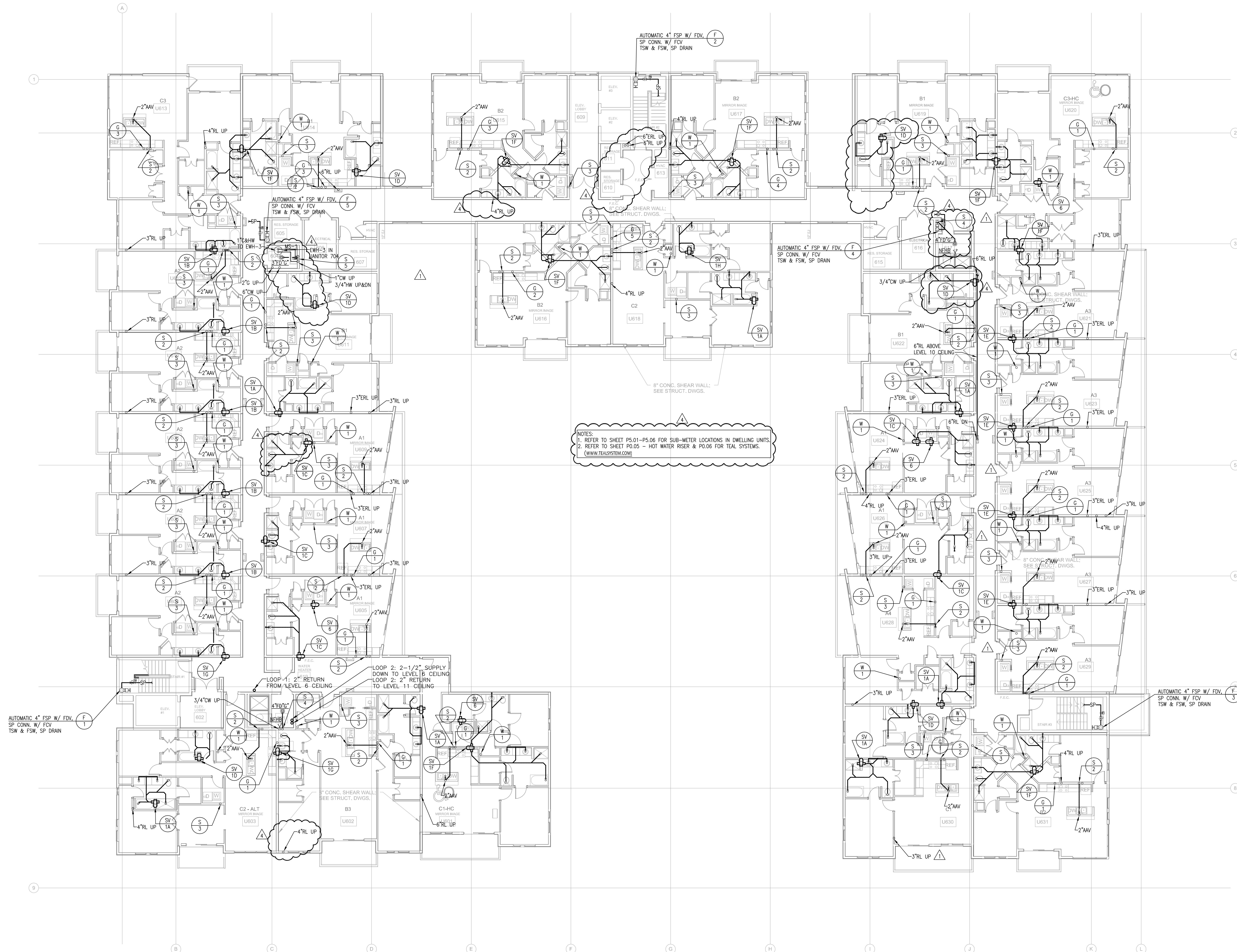
**BROOKWOOD SQUARE
RESIDENTIAL**

ATLANTA, GEORGIA

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

P2.03B

03/18/2014



1 LEVEL 7-10 BUILDING PLAN - PLUMBING
P2.03B 3/32"=1'-0"

CHECKED BY:

**NILES BOLTON
ASSOCIATES**

www.nilesbolton.com

[illegible]

This drawing, as an instrument of service, is and shall remain the property of the Architects and shall not be reproduced, published or used in any way without the permission of the Architect.

BROOKWOOD SQUARE
RESIDENTIAL
ATLANTA, GEORGIA

**LEVEL 11 BUILDING PLAN -
SANITARY**

P2.04A

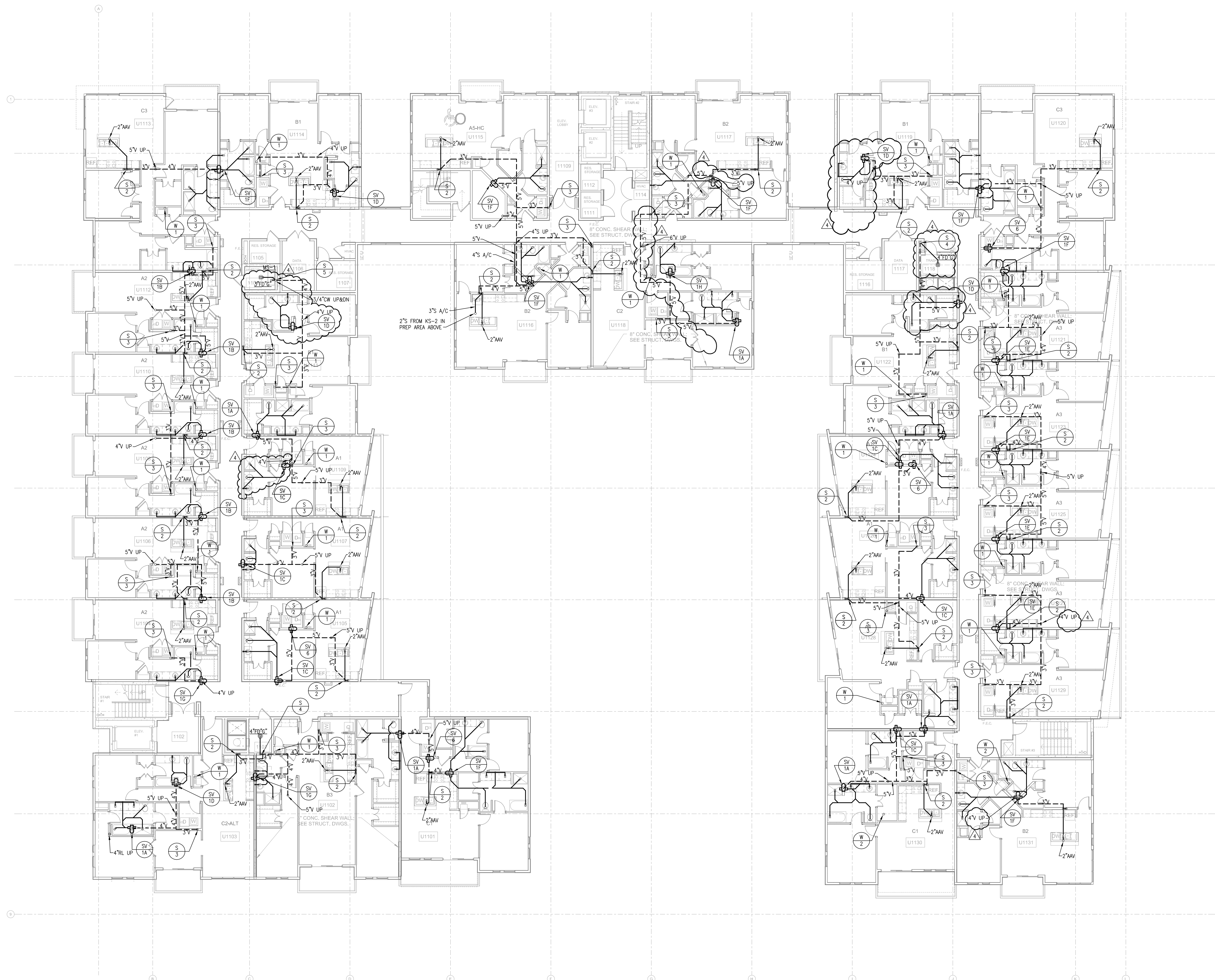
03/18/2014

PLAN -

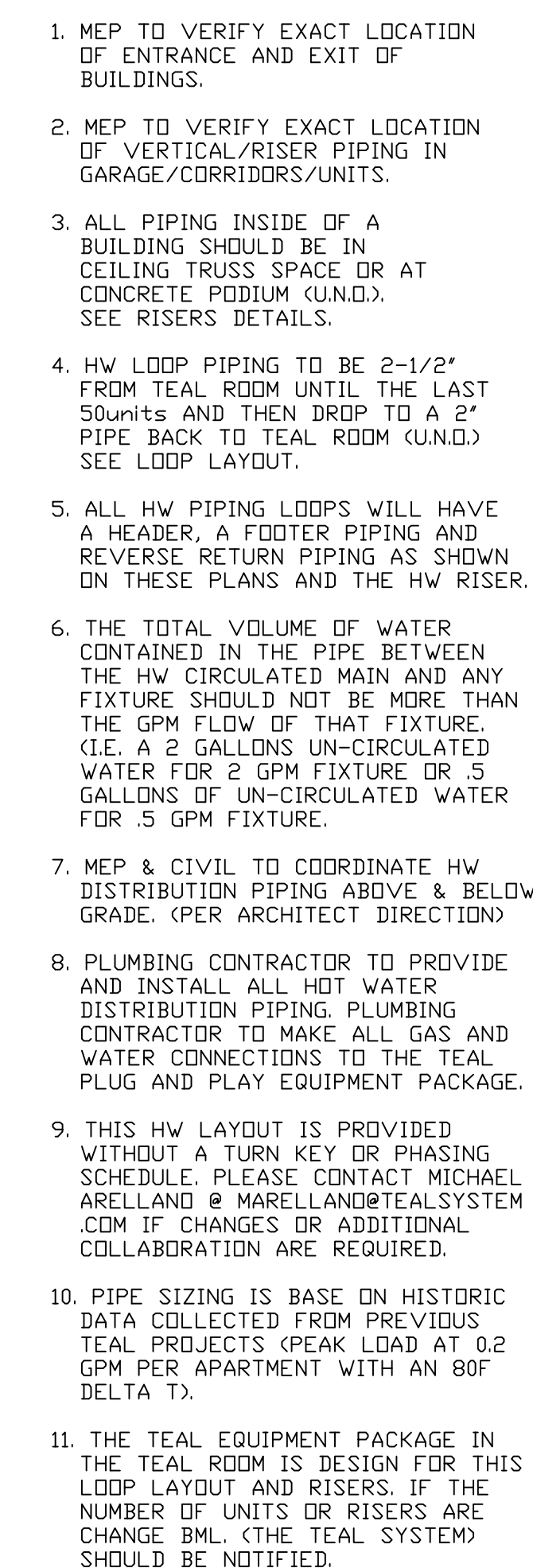
A

3

RELEASED FOR CONSTRUCTION

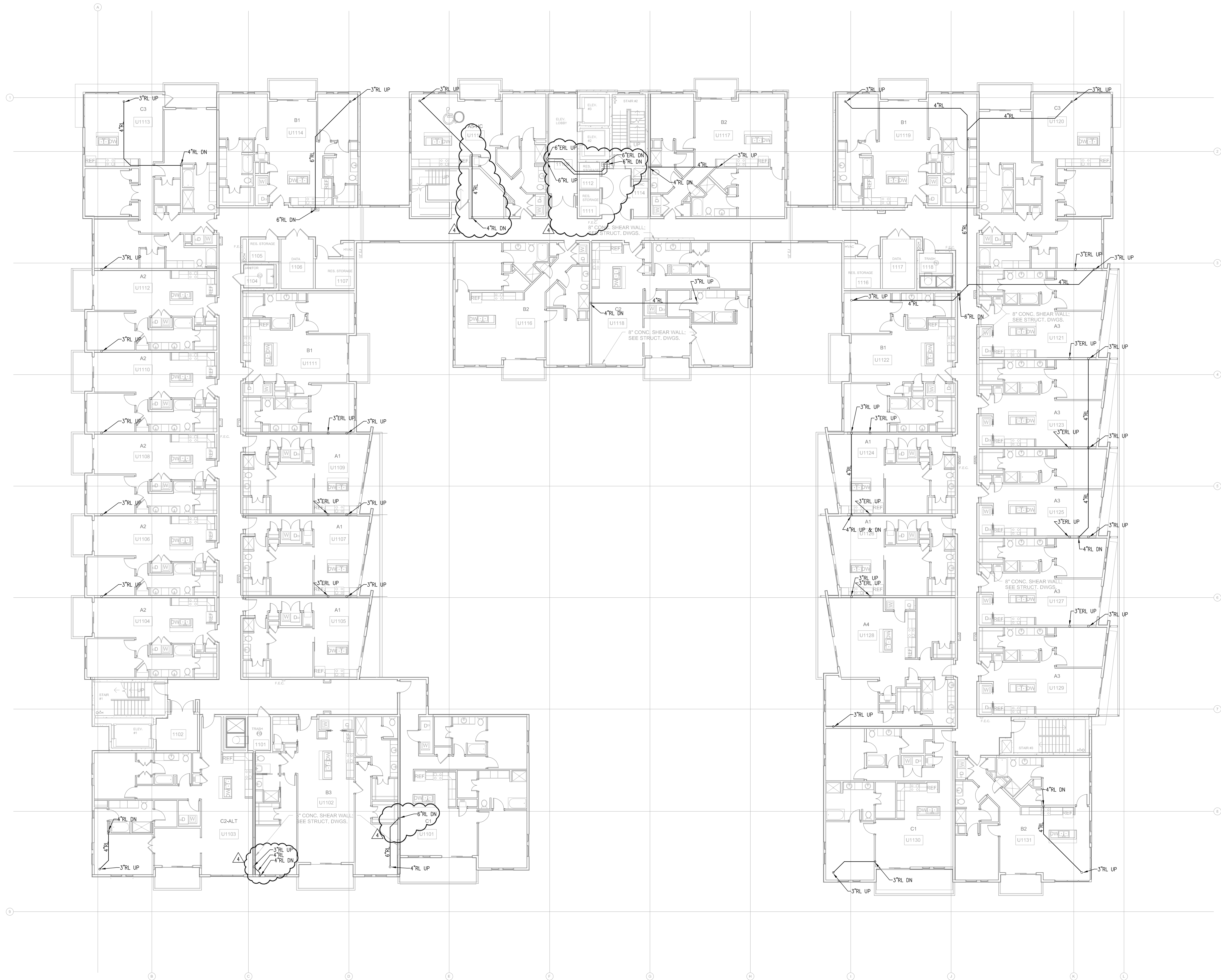


1 LEVEL 11 BUILDING PLAN - SANITARY

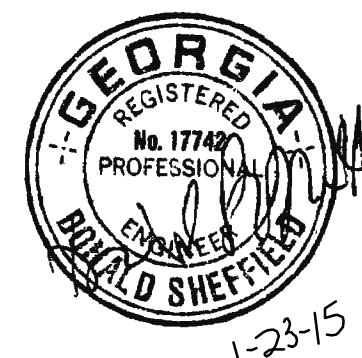


REFER TO SHEET P0.05 - WATER RISER
FOR WATER PIPE SIZE.

1 LEVEL 11 BUILDING PLAN - WATER & GAS



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



PROJECT #: 113044.00
DRAWN BY:
CHECKED BY:

**NILES BOLTON
ASSOCIATES**

3060 Peachtree Rd. N.W.
Suite 600
Atlanta, GA 30305

T 404 365 7600
F 404 365 7610

www.nilesbolton.com

No.	Description	Date
	DESIGN DEVELOP 50%	05/01/14
	DESIGN DEVELOP 100%	05/23/14
	80% CD SET	07/25/14
	100% CD SET	08/18/14

REVISION 4 01/23/15

This drawing, as an instrument of service, is and shall remain the property of the Architect and shall not be reproduced, published or used in any way without the permission of the Architect.

**BROOKWOOD SQUARE
RESIDENTIAL**

ATLANTA, GEORGIA

**LEVEL 11 BUILDING PLAN -
STORM**

P2.04C

03/18/2014

CHECKED BY:

www.nilesbolton.com

[illegible]

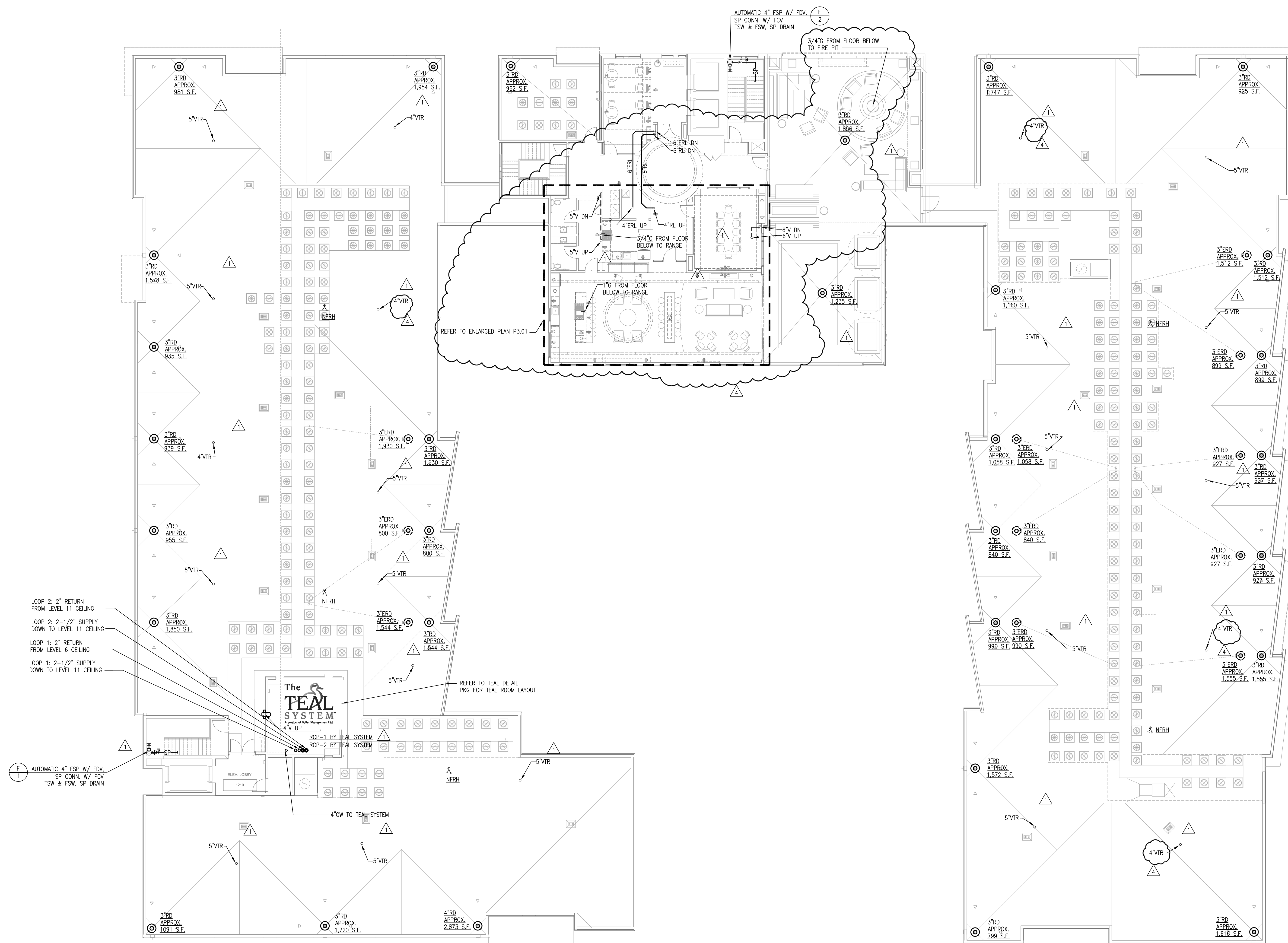
This drawing, as an instrument of service, is and shall remain the property of the Architects and shall not be reproduced, published or used in any way without the permission of the Architect.

BROOKWOOD SQUARE
RESIDENTIAL
ATLANTA, GEORGIA

P2.05

03/18/2014

RELEASED FOR CONSTRUCTION



1 LEVEL 12 BUILDING PLAN - PLUMBING
P2.05 3/32"=1'-0"

CHECKED BY:

www.nilesbolton.com

[illegible]

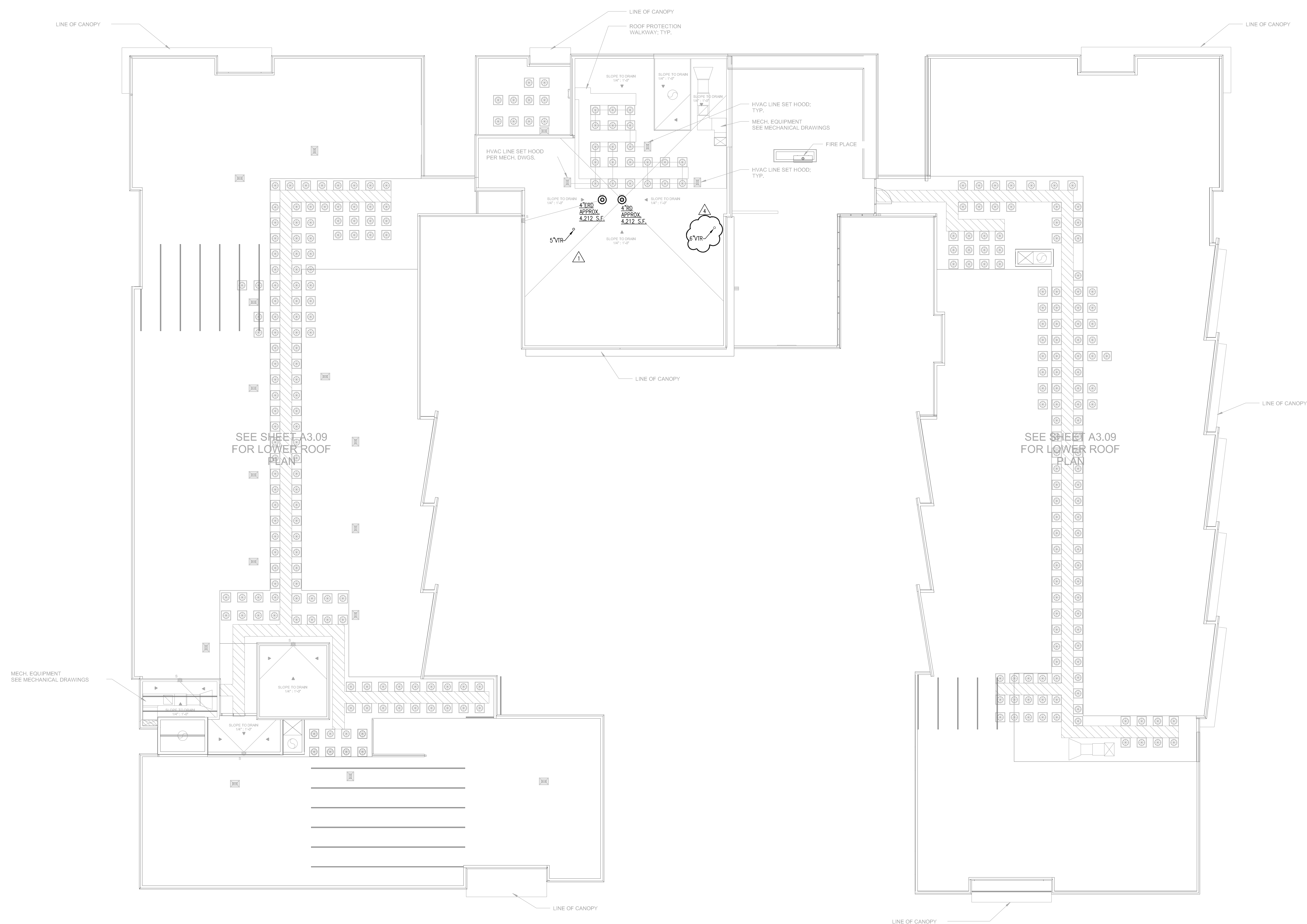
This drawing, as an instrument of service, is and shall remain the property of the Architects and shall not be reproduced, published or used in any way without the permission of the Architect.

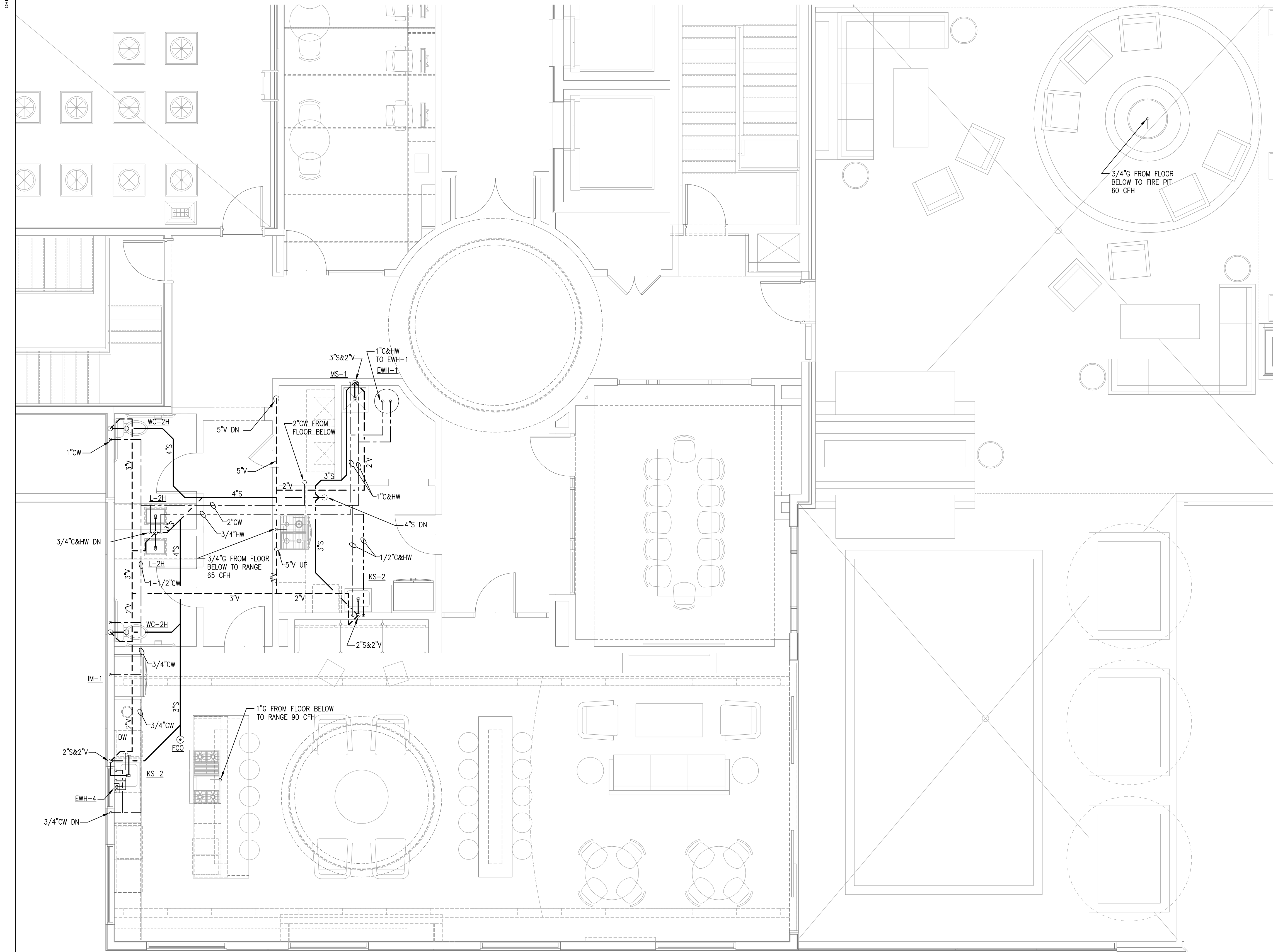
BROOKWOOD SQUARE
RESIDENTIAL
ATLANTA, GEORGIA

P2.06

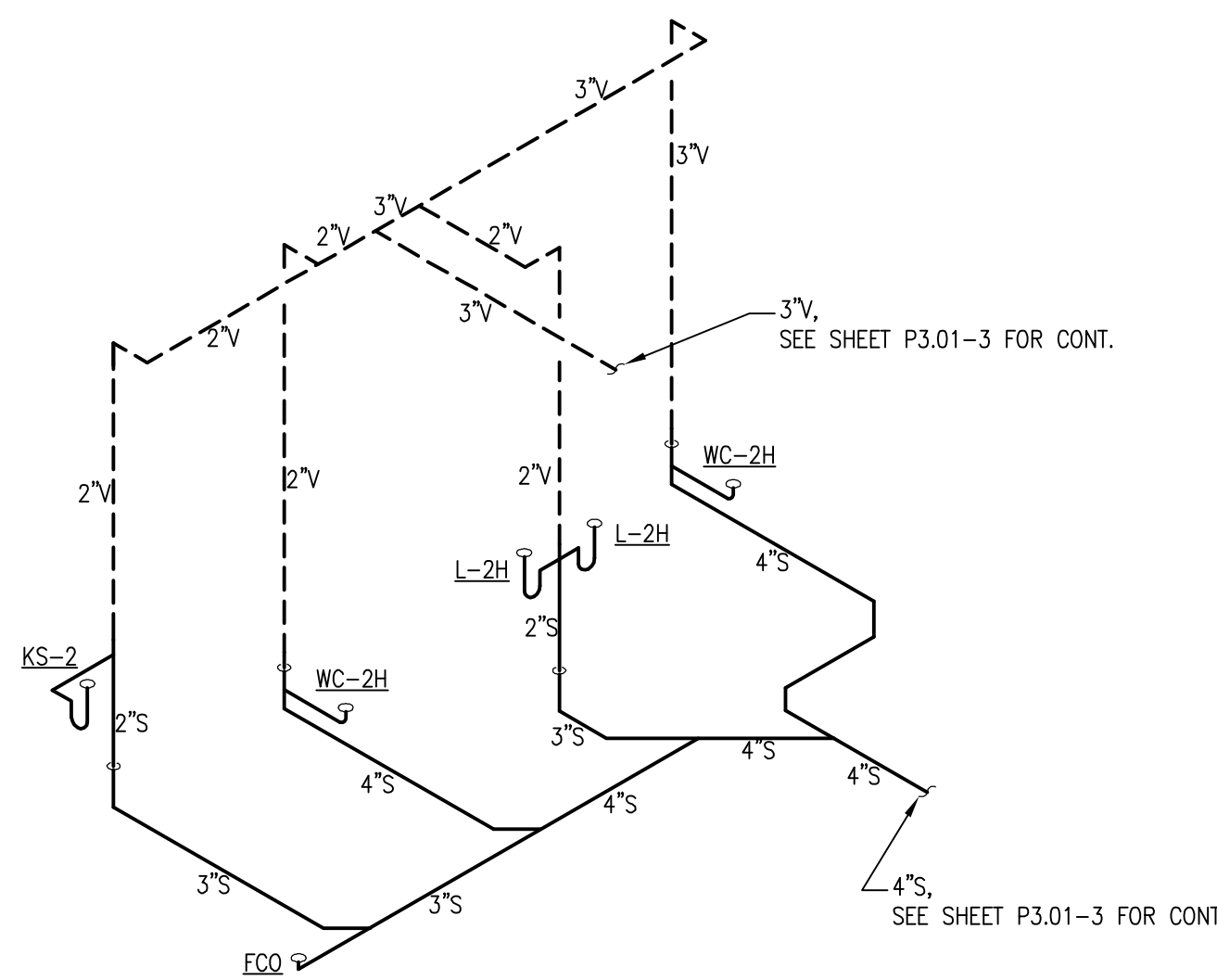
03/18/2014

RELEASED FOR CONSTRUCTION

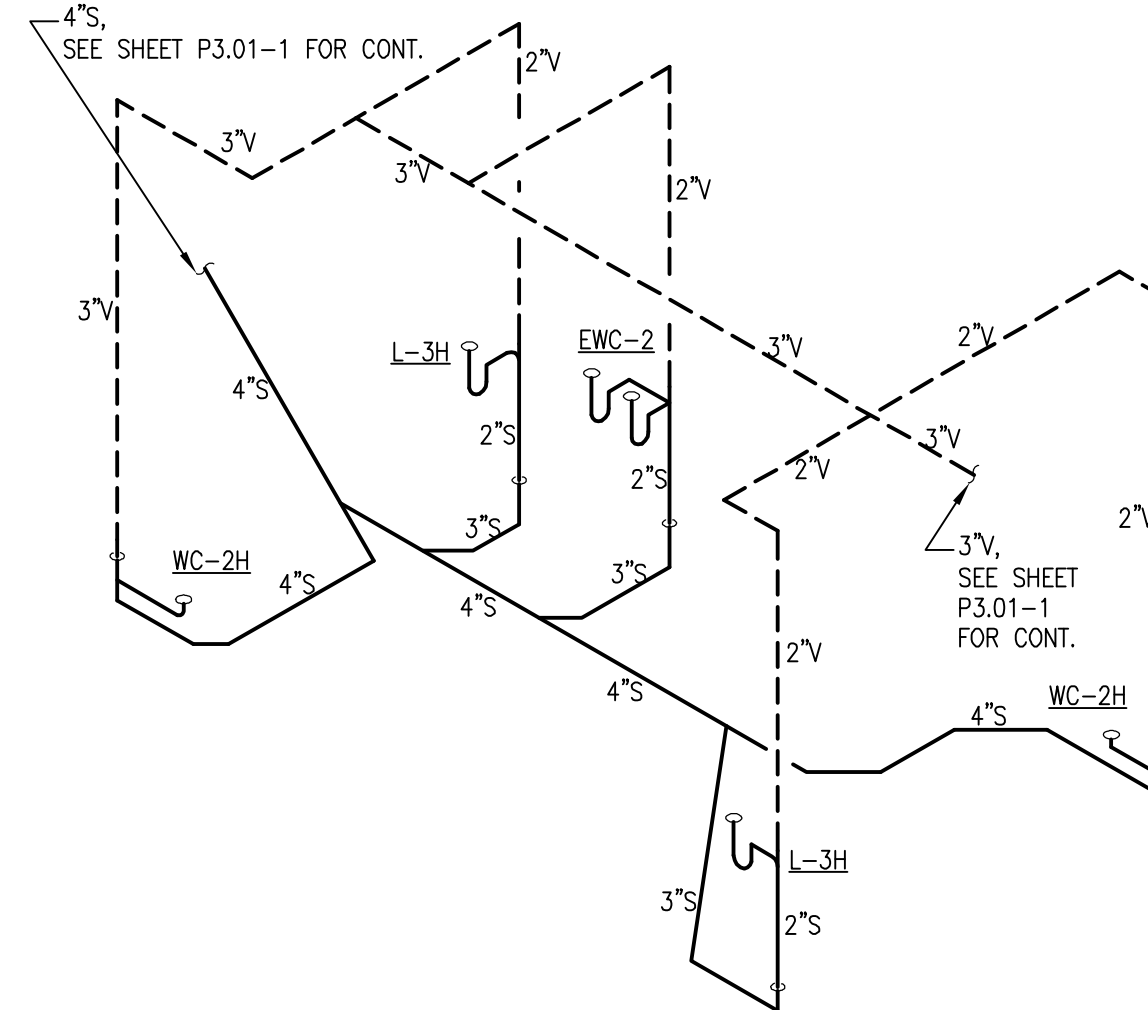




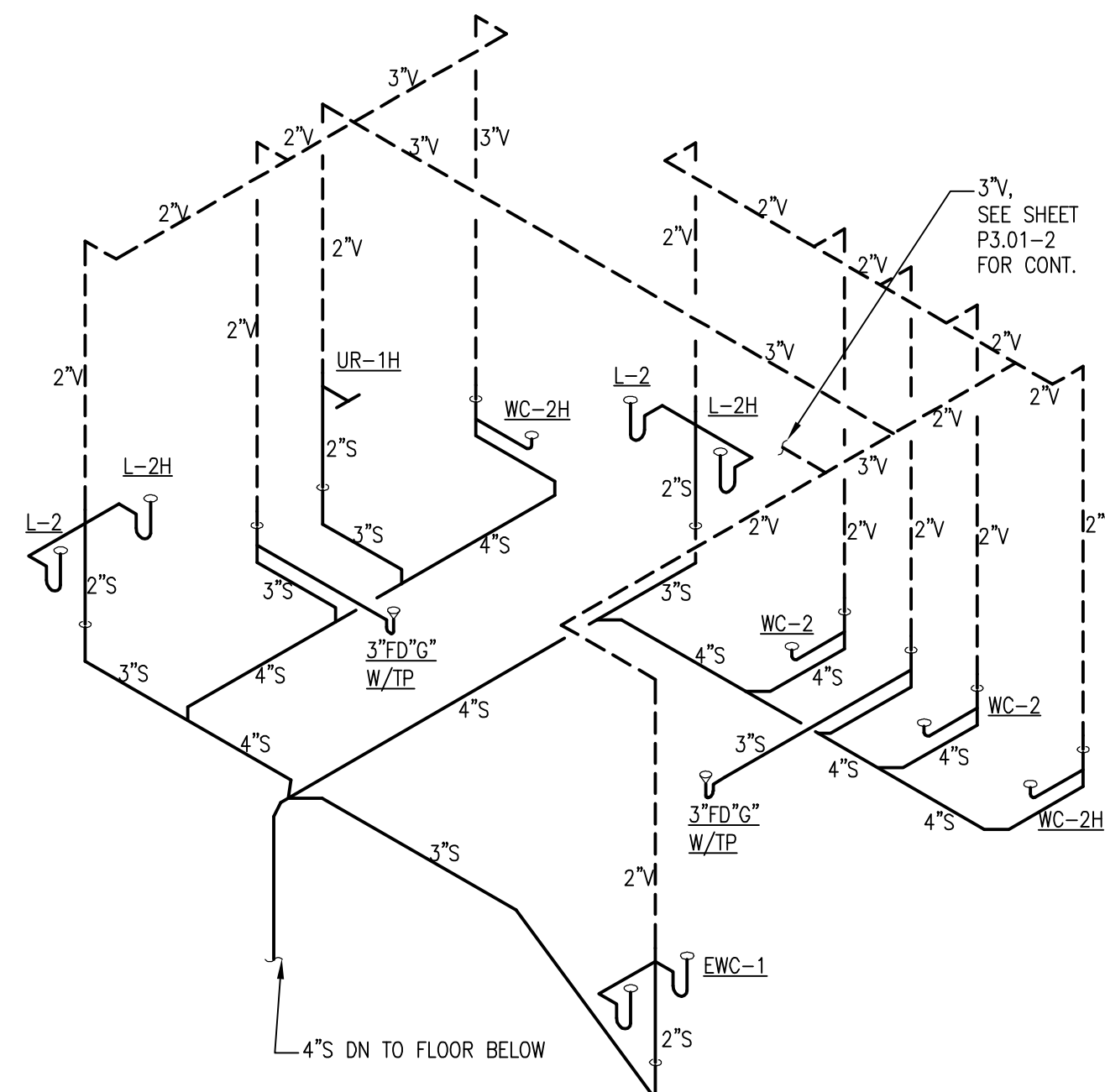
3 LEVEL 12, CLUB, PLUMBING PLAN
P3.01 1/4"=1'-0"



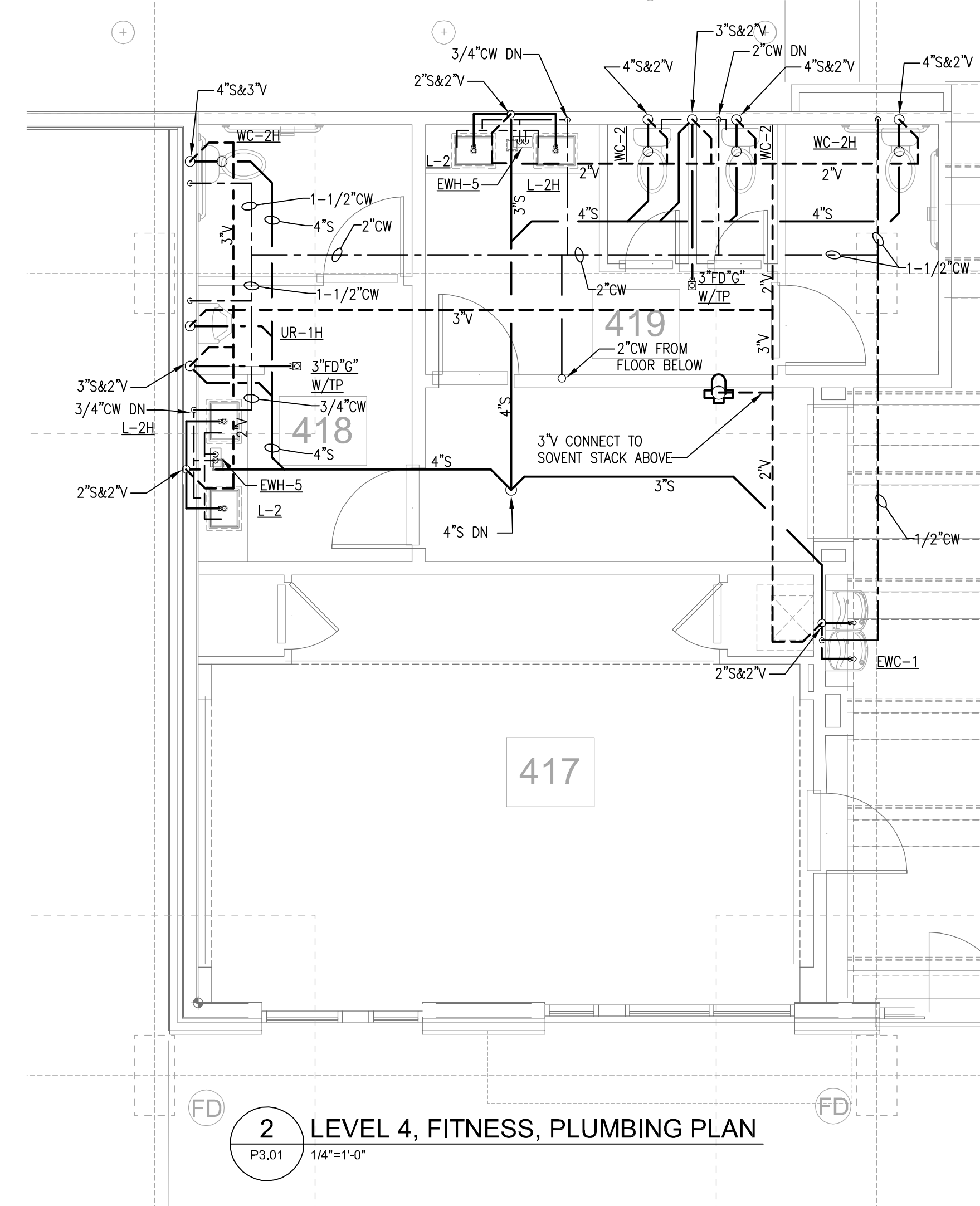
4 LEVEL 12, CLUB, RESTROOM SANITARY RISER
P3.01 NTS



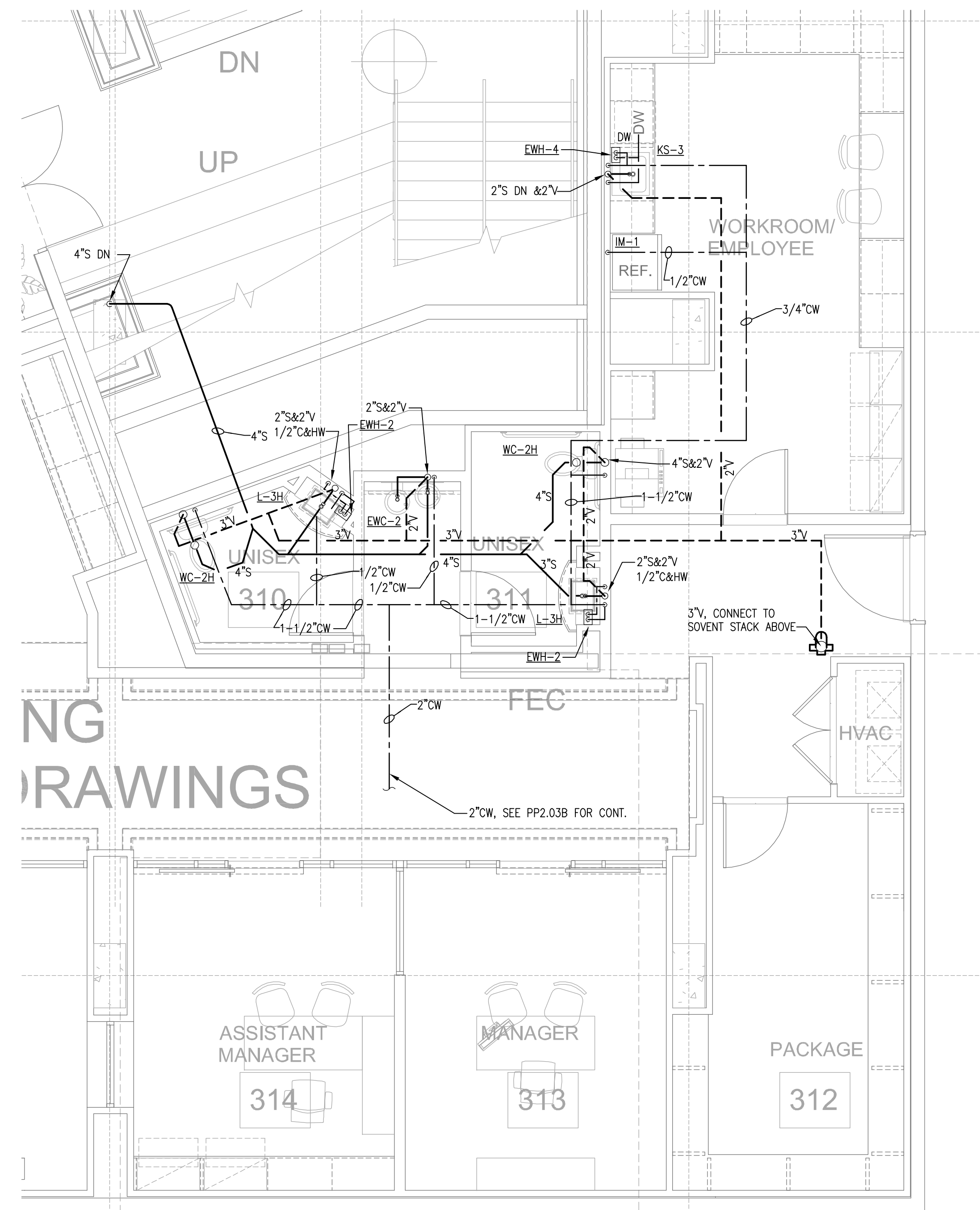
5 LEVEL 3, LEASING, RESTROOM SANITARY RISER
P3.01 NTS



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



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



1 LEVEL 3, LEASING, PLUMBING PLAN
P3.01 1/4"=1'-0"

No.	Description	Date
DESIGN DEVELOP 50%		05/01/14
DESIGN DEVELOP 100%		05/23/14
80% CD SET		07/25/14
100% CD SET		08/18/14
REVISION 1		09/19/14
REVISION 3		10/21/14
REVISION 4		01/23/15

REFER TO CIVIL DRAWING FOR
1-1/2" IRRIGATION METER AND
1-1/2" RP2 BPP LOCATIONS.
IRRIGATION METER BY OTHERS.
1-1/2" IRRIGATION WATER
TO LANDSCAPE AREAS.

GAS METER (FOR TEAL SYSTEM ONLY)
3900 CFH @ 2PSI

2" @ 2PSI UP

1-1/4" @ 2PSI TO GENERATOR

PROVIDE MAXITROL VENTLESS
GAS PRESSURE REGULATOR -
SET AT 7" W.C.

8" FIRE MAIN
SEE CIVIL FOR CONT.

FIRE SPRINKLER RISER
SEE CIVIL FOR CONT.

6" DOMESTIC WATER
SEE CIVIL FOR CONT.

FP-1 MAIN RELIEF VALVE
SET @ 175 PSI

JP-1 W/ RELIEF VALVE
8" TO 'C'

6" HIGH PRESSURE
DOMESTIC WATER UP

4" SAN UP

8" SANITARY, 934 OFU
SEE CIVIL PLANS FOR CONT.
APPROX. EXTING I.E. = 4.2' BFF.

3/4" CW UP

4" ST UP

1" CW

6" SAN UP

4" ST UP

1" CW

6" SAN UP

4" ST UP

1" CW

6" SAN UP

4" ST UP

1" CW

6" SAN UP

4" ST UP

1" CW

6" SAN UP

4" ST UP

1" CW

6" SAN UP

4" ST UP

1" CW

6" SAN UP

4" ST UP

1" CW

6" SAN UP

4" ST UP

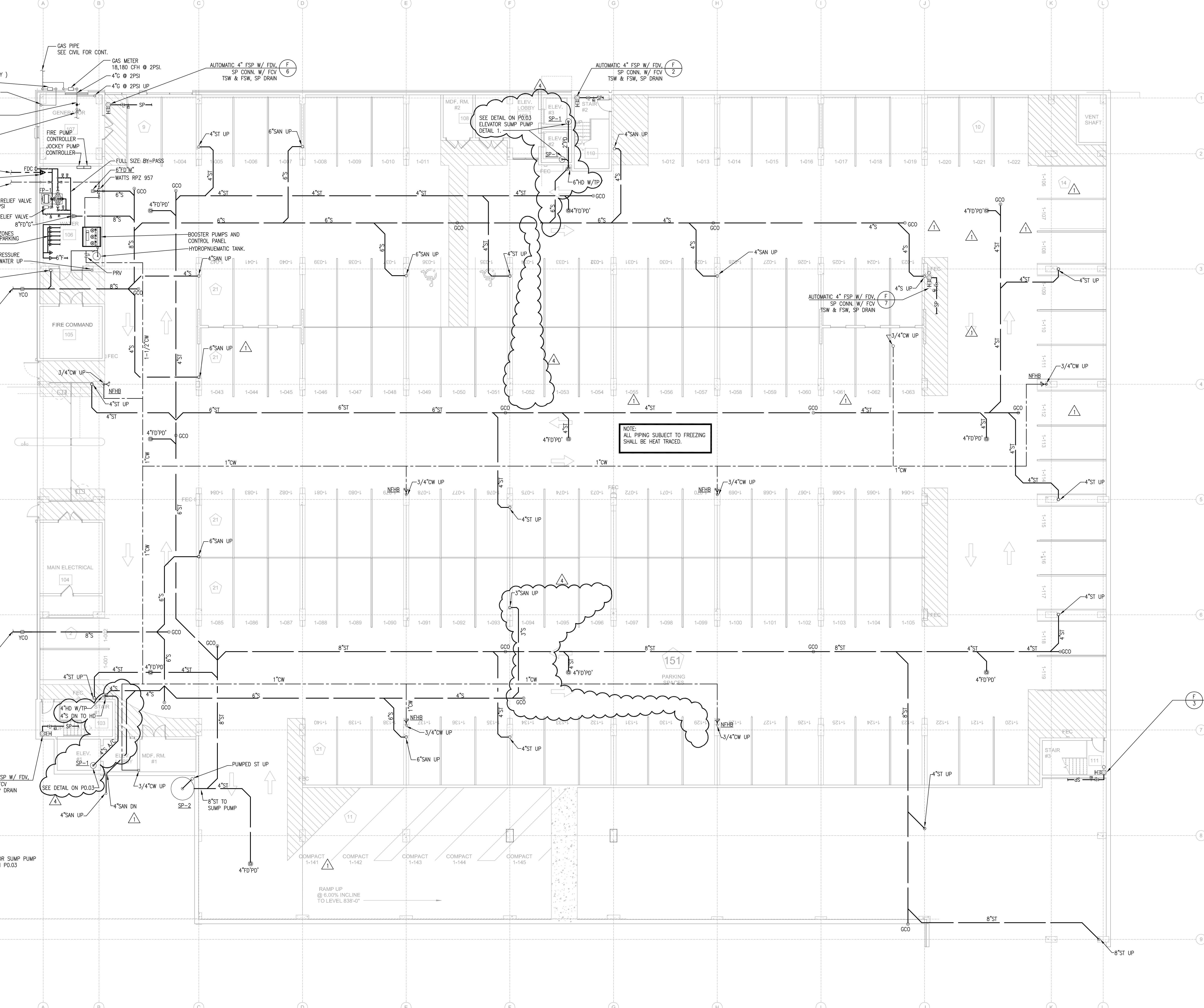
1" CW

6" SAN UP

4" ST UP

1" CW

6" SAN UP



NOTE:
ALL PIPING SUBJECT TO FREEZING
SHALL BE HEAT TRACED.

SEE ELEVATOR SUMP PUMP
DETAIL 2 ON P0.03

SEE ELEVATOR SUMP PUMP
DETAIL 2 ON P0.03

SEE ELEVATOR SUMP PUMP
DETAIL 2 ON P0.03

SEE ELEVATOR SUMP PUMP
DETAIL 2 ON P0.03

SEE ELEVATOR SUMP PUMP
DETAIL 2 ON P0.03

SEE ELEVATOR SUMP PUMP
DETAIL 2 ON P0.03

SEE ELEVATOR SUMP PUMP
DETAIL 2 ON P0.03

SEE ELEVATOR SUMP PUMP
DETAIL 2 ON P0.03

SEE ELEVATOR SUMP PUMP
DETAIL 2 ON P0.03

SEE ELEVATOR SUMP PUMP
DETAIL 2 ON P0.03

SEE ELEVATOR SUMP PUMP
DETAIL 2 ON P0.03

SEE ELEVATOR SUMP PUMP
DETAIL 2 ON P0.03

SEE ELEVATOR SUMP PUMP
DETAIL 2 ON P0.03

1 LEVEL 1 PARKING PLAN - PLUMBING
PP2.01 3/32"x1'-0"

No.	Description	Date
DESIGN DEVELOP 50%		05/01/14
DESIGN DEVELOP 100%		05/23/14
80% CD SET		07/25/14
100% CD SET		08/18/14
REVISION 1		09/18/14
REVISION 3		10/21/14
REVISION 4		01/23/15

This drawing, as an instrument of service, is and shall remain the property of the Architect and shall not be reproduced, published or used in any way without the permission of the Architect.

DRAWN BY:

CHECKED BY _____

T 404 365 7600
F 404 365 7610

www.nilesbolton.com

This drawing, as an instrument of service, is and shall remain the property of the Architects and shall not be reproduced, published or used in any way without the permission of the Architect.

ATLANTA, GEORGIA

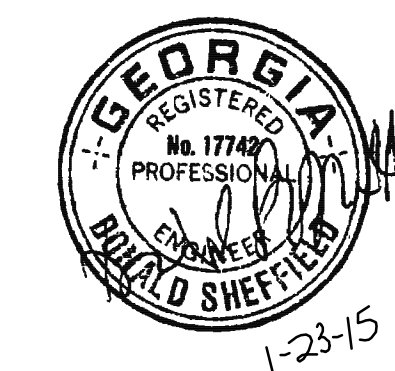
[illegible]

1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 26

03/18/2014

2
3





PROJECT #: 113044.00
DRAWN BY:
CHECKED BY:

NILES BOLTON ASSOCIATES

3060 Peachtree Rd. N.W.
Suite 600
Atlanta, GA 30305
T 404 365 7600
F 404 365 7610
www.nilesbolton.com

No.	Description	Date
DESIGN DEVELOP 50%		05/01/14
DESIGN DEVELOP 100%		05/23/14
80% CD SET		07/25/14
100% CD SET		08/18/14
REVISION 1		09/19/14
REVISION 3		10/21/14
REVISION 4		01/23/15

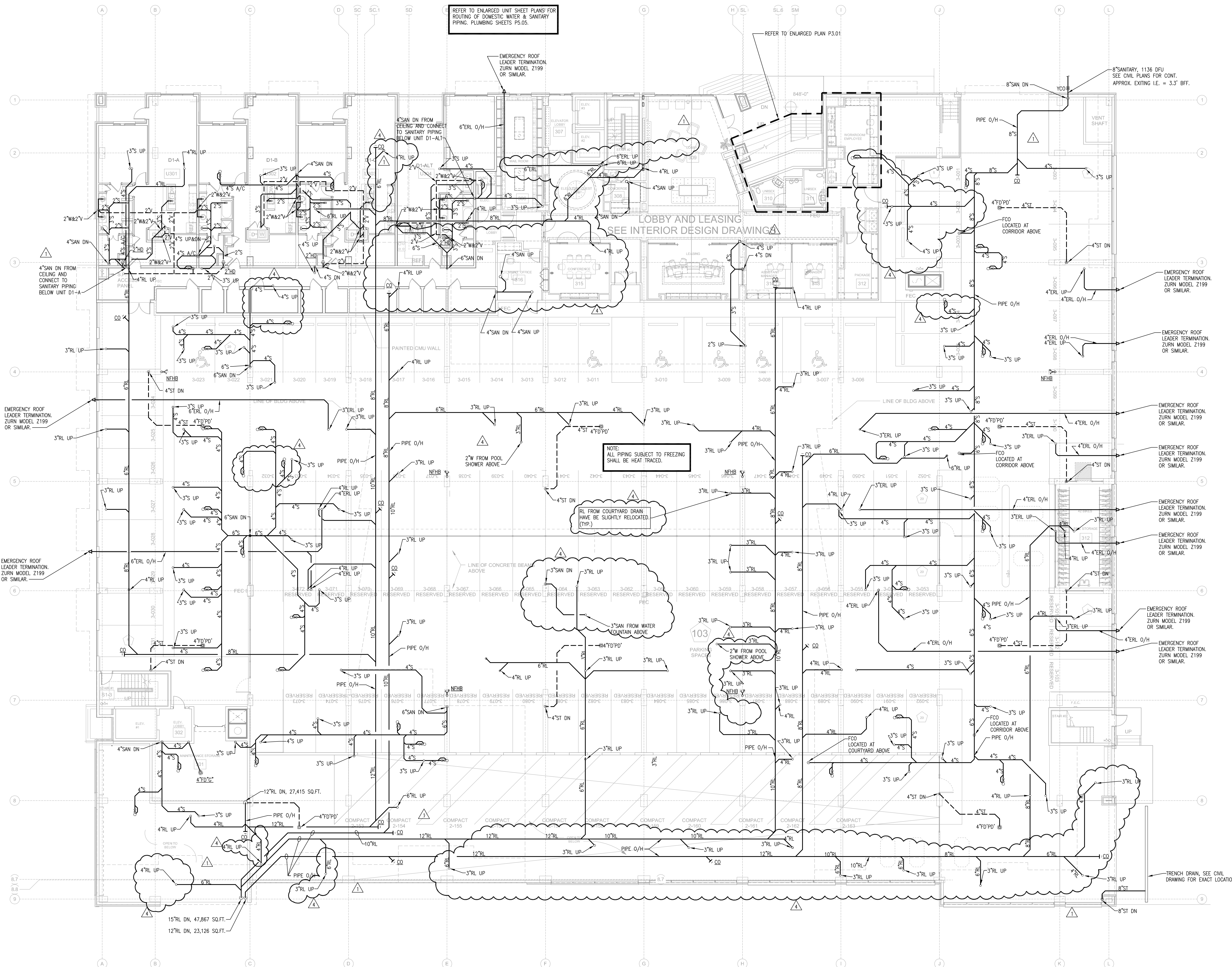
This drawing, as an instrument of service, is to be used only for the project and site conditions for which it was prepared. It is not to be used for any other project or site conditions without the written consent of the Architect.

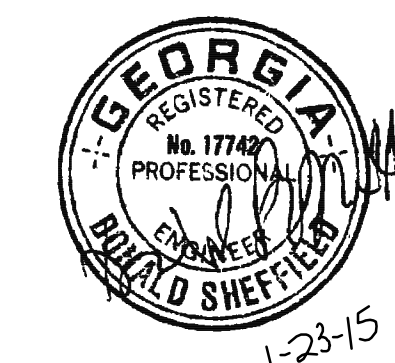
**BROOKWOOD SQUARE
RESIDENTIAL**
ATLANTA, GEORGIA

**LEVEL 3 PARKING
PLAN - SANITARY**

PP2.03A

03/18/2014





PROJECT #: 113044.00

DRAWN BY:

CHECKED BY:

NILES BOLTON ASSOCIATES

3060 Peachtree Rd. N.W.
Suite 600
Atlanta, GA 30305

T 404 365 7600
F 404 365 7610

www.nilesbolton.com

No.	Description	Date
	DESIGN DEVELOP 50%	05/01/14
	DESIGN DEVELOP 100%	05/23/14
	80% CD SET	07/25/14
	100% CD SET	08/18/14
Δ	REVISION 1	09/18/14
Δ	REVISION 3	10/21/14
Δ	REVISION 4	01/23/15

This drawing, as an instrument of service, is and shall remain the property of the Architect and shall not be reproduced, published or used in any way without the permission of the Architect.

**BROOKWOOD SQUARE
RESIDENTIAL**
ATLANTA, GEORGIA

**LEVEL 3 PARKING -
WATER & GAS**

PP2.03B

03/18/2014

KEY NOTES:

1. B: 2" VERTICAL PIPING FROM ABOVE (MEP TO VERIFY EXACT LOCATION).
2. C: TYPICAL ACCESS PANEL IN CORRIDOR (MINIMAL SIZE 12"x12") (MEP TO VERIFY LOCATION WITH ARCHITECT DIRECTION).
1. GAS PRESSURE REGULATOR (MAXITROL VENTLESS, SET @ 7" W.C.)

BEST PRACTICE RECOMMENDATIONS:

1. MEP TO VERIFY EXACT LOCATION OF ENTRANCE AND EXIT OF BUILDINGS.
2. MEP TO VERIFY EXACT LOCATION OF VERTICAL/RISES PIPING IN GARAGE/CORRIDORS/UNITS.
3. ALL PIPING INSIDE OF A BUILDING SHOULD BE IN CEILING TRUSS SPACE OR AT CONCRETE FLOORS (U.N.D.) SEE RISERS DETAILS.
4. HW LOOP PIPING TO BE 2-1/2" FROM TEAL ROOM UNTIL THE LAST 50' UNTILS AND THEN DROP TO A 2" PIPE BACK TO TEAL ROOM (U.N.D.) SEE LOOP LAYOUT.
5. ALL HW PIPING LOOPS WILL HAVE A HEADER, A FOOTER PIPING AND REVERSE RETURN PIPING AS SHOWN ON THESE PLANS AND THE HW RISER.
6. THE TOTAL VOLUME OF WATER CONTAINED IN THE PIPE BETWEEN THE HW CIRCULATED MAIN AND ANY FIXTURE SHOULD NOT BE MORE THAN THE GPM FLOW OF THAT FIXTURE. (IE: A 2 GALLONS UN-CIRCULATED WATER FOR 2 GPM FIXTURE OR 3 GALLONS OF UN-CIRCULATED WATER FOR 3 GPM FIXTURE).
7. MEP & CIVIL TO COORDINATE HW DISTRIBUTION PIPING ABOVE & BELOW GRADE (PER ARCHITECT DIRECTION).
8. PLUMBING CONTRACTOR TO PROVIDE AND INSTALL ALL HOT WATER DISTRIBUTION PIPING. PLUMBING CONTRACTOR TO MAKE ALL GAS AND WATER CONNECTIONS TO THE TEAL PLUG AND PLAY EQUIPMENT PACKAGE.
9. THIS HW LAYOUT IS PROVIDED WITHOUT A TURN KEY OR PHASING SCHEDULE. PLEASE CONTACT MICHAEL ARELLANO @ MARELLAND@TEAL SYSTEM.COM IF CHANGES OR ADDITIONAL COLLABORATION ARE REQUIRED.
10. PIPE SIZING IS BASED ON HISTORIC DATA COLLECTED FROM PREVIOUS TEAL PROJECTS (PEAK LOAD AT 0.2 GPM PER APARTMENT WITH AN 80F DELTA T).
11. THE TEAL EQUIPMENT PACKAGE IN THE TEAL ROOM IS DESIGN FOR THIS LOOP LAYOUT AND RISERS. IF THE NUMBER OF UNITS OR RISERS ARE CHANGE BML (THE TEAL SYSTEM) SHOULD BE NOTIFIED.

1 LEVEL 3 PARKING - WATER & GAS
PP2.03B 3/32"-1'-0"