

**GENERAL NOTES**

- ALL PLUMBING WORK SHALL BE DONE IN ACCORDANCE WITH THE MASSACHUSETTS STATE FUEL GAS AND PLUMBING CODE, LATEST ACCEPTED EDITION.
- CAREFULLY COORDINATE LOCATION OF PIPING WITH ALL OTHER TRADES.
- ALL PIPING SHOWN DIAGRAMMATICALLY AND EXACT LOCATION SHALL BE DETERMINED IN THE FIELD.
- ALL PIPING SHALL BE RUN CONCEALED ABOVE CEILINGS, IN WALLS AND IN CHASES, UNLESS OTHERWISE NOTED.
- NO STRUCTURAL MEMBERS SHALL BE CUT WITHOUT THE APPROVAL OF THE STRUCTURE ENGINEER.
- ALL PIPING SHALL BE SUPPORTED FROM BUILDING STRUCTURE.
- THE TERM 'PROVIDE' SHALL MEAN FURNISH AND INSTALL.
- RUN WATER PIPE ON THE WARM SIDE OF BUILDING INSULATION. NO WATER PIPING SHALL BE RUN ON EXTERIOR WALLS.
- PROVIDE DRAWOFFS WITH BALL VALVE, HOSE END VACUUM BREAKER, CAP & CHAIN AT ALL DOMESTIC WATER LOW POINTS AND PITCH PIPING TO DRAIN.
- ALL SANITARY WASTE PIPING SHALL PITCH A MIN OF 1/8" PER FT. FOR PIPING 4" & LARGER, AND 1/2" PER FT FOR PIPING UP TO 3".
- WHERE DIFFERENT SIZES ARE SHOWN ON PLANS, THE LARGER SIZE SHALL BE PROVIDED.
- LAUNDRY STACK HORIZONTAL OFFSETS SHALL RUN A MINIMUM 10-STACK PIPE DIAMETER PRIOR TO CONNECTION TO SANITARY/WASTE MAIN AND/OR BRANCH. WASTE AND VENT PIPING FOR LAUNDRY WASHING MACHINES SHALL BE IN STRICT ACCORDANCE WITH THE APPLICABLE SECTIONS OF THE STATE PLUMBING CODE.
- PROVIDE HEAT-TRACING ON PIPING SUBJECT TO POTENTIAL FREEZING IN THE GARAGE LEVEL. ALL WATER PIPING, TRAP PRIMER PIPING LOCATED IN UNCONDITIONED/UNHEATED SPACE SHALL BE HEAT-TRACED.
- PROVIDE DANDY CLEAN-OUT AT THE BOTTOM OF ALL SANITARY AND STORM DRAIN STACKS. PROVIDE ACCESS PANEL WHERE REQUIRED. DANDY CLEAN-OUT SHALL BE LOCATED AT MINIMUM 0'-6" ABOVE FLOOR.
- PROVIDE SHOCK ABSORBERS ON ALL PIPING SERVICING FLUSH VALVE FIXTURES. PROVIDE ACCESS PANEL, WHERE REQUIRED.
- ACCESSIBLE CLEANOUTS SHALL BE PROVIDED AT THE BOTTOM OF ALL STACKS/RISERS.
- ALL PIPING SHALL BE NEW, INSTALLED PARALLEL TO BUILDING LINES AND PITCHED TO LOW POINTS.
- PLUMBING CONTRACTOR SHALL PROVIDE FIRESTOPPING FOR ALL PENETRATIONS THRU FIRE WALLS AND FIRE RATED SEPARATIONS. COORDINATE WITH ARCHITECTURAL DRAWINGS FOR THESE AREAS.
- PLUMBING CONTRACTOR SHALL FURNISH, INSTALL AND MAINTAIN ALL SCAFFOLDING, HOISTING EQUIPMENT DERRICKS, ETC., NECESSARY FOR INSTALLATION OF WORK.
- ALL PLUMBING PIPING AND DRAINS SHALL BE KEPT CLEAR OF BLOCKAGE WHILE CONSTRUCTION IS UNDERWAY. ALL PLUMBING PIPING SHALL BE DEBURRED BEFORE JOINTS ARE MADE.
- THE PLUMBING CONTRACTOR SHALL PROVIDE ALL CUTTING AND PATCHING IN ORDER TO ACCOMMODATE THE PLUMBING WORK.
- WHERE PLUMBING DROPS ONLY ARE SHOWN TO FIXTURES OR GROUPS OF FIXTURES, THE PLUMBING CONTRACTOR SHALL MAKE ALL FINAL CONNECTIONS OF WATER, SANITARY AND VENT TO EACH FIXTURE. PLUMBING CONNECTIONS TO FIXTURES SHALL BE IN ACCORDANCE WITH THE PLUMBING FIXTURE SCHEDULE. PROVIDE SERVICE STOP AT EACH FIXTURE.
- ALL VALVES INSTALLED IN WALLS OR ABOVE CEILINGS SHALL BE PROVIDED WITH ACCESS PANELS, WHERE REMOVABLE SUSPENDED CEILING TILES ARE USED. NO ACCESS PANELS ARE REQUIRED.
- ALL PIPING RISER PENETRATIONS THRU FLOORS SHALL BE SEALED WATER TIGHT.
- PROVIDE ANCHOR AND EXPANSION ON WATER PIPING, WHERE REQUIRED.
- ALL GARAGE VENT PIPING SHALL TIE INTO DWELLING UNIT VENT STACKS. VENT STACKS CONNECTED TO GARAGE TRENCH DRAINS' VENT PIPING SHALL BE CAST IRON IN THEIR ENTIRETY.
- ALL VENT THRU ROOF PIPING SHALL BE LOCATED NO LESS THAN 25'-0" FROM ALL FRESH AIR INTAKE. PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING VENT PIPING AT LEVEL 7, AND COMBINE VENT PIPING TO THE EXTENT POSSIBLE PRIOR TO ROOF PENETRATION. VENT PIPING SHALL BE IN STRICT ACCORDANCE WITH 248 CMR MASSACHUSETTS STATE PLUMBING CODE.

**PLUMBING LEGEND & ABBREVIATIONS**

	CW	COLD WATER ABOVE FLOOR		AFF	ABOVE FINISHED FLOOR
	HW	HOT WATER ABOVE FLOOR		ARCH	ARCHITECT
	FW	FILTERED WATER ABOVE FLOOR		BWV	BACKWATER VALVE
	NPCW	NON-POTABLE COLD WATER		CFH	CUBIC FEET PER HOUR
	-	BELOW FLOOR PIPING		CLG	CEILING
	SAN OR W	SANITARY WASTE		CO	CLEANOUT
	GW	GARAGE WASTE ABOVE FLOOR		CONN	CONNECTION
	IW	INDIRECT WASTE		CONT	CONTINUATION
	CD	CONDENSATE DRAIN		DW	DISHWASHER MACHINE
	V	VENT ABOVE FLOOR		DWG	DRAWING
	RL	RAIN LEADER ABOVE FLOOR		EC	ELECTRICAL CONTRACTOR
	G	NATURAL GAS LINE ABOVE FLOOR		ELEC	ELECTRICAL
	TP	TRAP PRIMER SUPPLY ABOVE FLOOR		FCO	FLOOR CLEANOUT
	HT	HEAT-TRACED PIPING		FD	FLOOR DRAIN
	FCO	FLOOR CLEANOUT		FFE	FINISHED FLOOR ELEVATION
	GOO	GRADE CLEANOUT		FT	FOOT/FEET
	CO	CLEANOUT		GC	GENERAL CONTRACTOR
	WCO	WALL CLEANOUT - PROVIDE ACCESS PANEL		GI	GREASE INTERCEPTOR
	CP	CAPPED PIPE		GPF	GALLON PER FLUSH
	UN	UNION		GPM	GALLON PER MINUTE
	FA	FLOW ARROW		GWH	GAS-FIRED WATER HEATER
	DS	DIRECTION OF SLOPE		HB	HOSE BIBB
	PB	PIPE BREAK		INV. EL	INVERT ELEVATION
	PS	PIPE SLEEVE		LAV.	LAVATORY
	PG	PIPE GUIDE		LPC	LIMIT OF PLUMBING CONTRACT
	PA	PIPE ANCHOR		MIN	MINIMUM
	BV	BALL VALVE		MAX	MAXIMUM
	BV NC	BALL VALVE - NORMALLY CLOSED		NIC	NOT IN CONTRACT
	GSV	GAS SHUT OFF VALVE		NTS	NOT TO SCALE
	GC	GAS COCK		OED	OPEN-END DRAIN
	VV	VALVE IN VERTICAL		P#	PLUMBING FIXTURE DESIGNATION
	TMV	THERMOSTATIC MIXING VALVE		PC	PLUMBING CONTRACTOR
	GV	GATE VALVE		RD	ROOF DRAIN
	PRV	PRESSURE REGULATING VALVE		SH	SHOWER
	SV	SOLENOID VALVE		T	TRAP
	CV	CHECK VALVE		TP	TRAP PRIMER
	BWV	BACKWATER VALVE		VTR	VENT THRU ROOF
	RPBFP	REDUCED PRESSURE ZONE BACKFLOW PREVENTER		WC	WATER CLOSET
	SA / WHA	SHOCK ABSORBER, WATER HAMMER ARRESTOR		WH	WALL HYDRANT
	TPV	TRAP PRIMER VALVE			
	EU	ELBOW UP OR RISE			
	ED	ELBOW DOWN OR DROP			
	TD	TEE DROP			
	OED/PT	OPEN-END DRAIN, P-TRAP			
	HB	HOSE BIBB			
	WH	WALL HYDRANT			
	FD	FLOOR DRAIN			
	RD	ROOF DRAIN			
	#	KEYNOTE DESIGNATION / DRAWING KEYNOTE			
	HC	HANDICAPPED ACCESSIBLE			
	#/ #	DETAIL DESIGNATION NUMBER			
	#	DRAWING NUMBER			
	#	REVISION CLOUD, REVISION NUMBER			



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**HATTERS POINT**  
 AMESBURY, MA

Prepared for: **HATTERS POINT CAPITAL LLC.**  
 Location: **PO BOX 1044 SUDBURY, MA 01776**  
**PLUMBING LEGEND, NOTES AND ABBREVIATIONS**

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Mark	Date
1	Revision #3 - 01.15.16
2	ICC Review Comments
3	Permit Set
4	CD Pricing Set
5	Construction Docs Progress
6	Design Development Set

Revisions

Date: **11.15.2015**  
 Scale: **AS NOTED**  
 Job No.: **2394**  
 Sheet No.:

**P0.01**



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Prepared for: **HATTERS POINT CAPITAL LLC**  
Location: **PO BOX 1044 SUDBURY, MA 01776**  
Title: **PLUMBING SCHEDULES**

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**P0.02**

PLUMBING FIXTURE SCHEDULE																		
TAG NO	TYPE	MANUFACTURER	MODEL	SIZE	CW (in)	HW (in)	NPCW (in)	NPHW (in)	SAN (in)	V (in)	FLOW RATE	FITTINGS				CARRIER	REMARKS	
												SUPPLIES	TYPE	MANUFACTURER	MODEL			TRAP
P-1	WATER CLOSET	GERBER	21-918	-	1/2"	-	-	-	3"	2"	1.28 GPF	1/2" SWEAT X 1/2" COMP. EQUAL TO MCGUIRE LFH173	TANK-TYPE	-	INTEGRAL	FLOOR MOUNTED	PROVIDE TOILET FLANGE, WAX RING AND TOILET FLANGE BOLTS. WAX RING AND BOLT SET AS MANUFACTURED BY HARVEY MFG. PROVIDE COMPLETE WITH CHROME SUPPLY AND SERVICE STOP. PROVIDE TOILET SEAT KOLHER K-4774	
P-2	LAVATORY	KOLHER	K-2907-4U	-	1/2"	1/2"	-	-	2"	2"	0.35 GPM	1/2" SWEAT X 1/2" COMP. EQUAL TO MCGUIRE LFH170	MANUAL FAUCET	KOLHER	K-15261-4	1 1/2" x 1 1/2" 17GA CAST BRASS CHROME PLATED P-TRAP W/ CO PLUG, EQUAL TO MCGUIRE B8902	FLOOR MOUNTED	PROVIDE KOLHER MODEL #1160595 0.35GPM FLOW RESTRICTOR. PROVIDE KOLHER K-300-K VALVE SYSTEM. PROVIDE KOLHER K-7272-CP OVERFLOW DRAIN.
P-3	BATHTUB	STERLING	71261100	60" x 32" x 20 1/4"	1/2"	1/2"	-	-	2"	2"	1.75 GPM	-	-	KOLHER	BATH & SHOWER TRIM, K-T10274-4 SERIES	2" P-TRAP	FLOOR MOUNTED	PROVIDE KOLHER K-304-K BALANCING VALVE. PROVIDE KOLHER K-10240 SHOWER HEAD (1.75 GPM)
P-4	SHOWER	STERLING	62030100-0	48" x 34" x 72"	1/2"	1/2"	-	-	2"	2"	1.75 GPM	-	-	KOLHER	SHOWER TRIM, K-T10276-4 SERIES	2" P-TRAP	FLOOR MOUNTED	PROVIDE SHOWER MODULE DRAIN EQUAL TO SIOUX CHIEF 827-2B. PROVIDE KOLHER K-304-K BALANCING VALVE. PROVIDE KOLHER K-10240 SHOWER HEAD (1.75 GPM)
P-5	KITCHEN SINK	KOLHER	K-3183	29 1/2" x 15 1/2" x 7 3/4"	1/2"	1/2"	-	-	2"	2"	1.5 GPM	1/2" SWEAT X 1/2" COMP. EQUAL TO MCGUIRE LFH171	PULL-OUT FAUCET	SYMMONS	SK-660-1.5	1 1/2" x 1 1/2" 17GA CAST BRASS CHROME PLATED P-TRAP W/ CO PLUG, EQUAL TO MCGUIRE B8912	UNDERMOUNTED	PROVIDE BASKET STRAINER & 1 1/2" OD 17GA BRASS TAILPIECE EQUAL TO WATTS BRASS #76371B. PROVIDE DISPOSER EQUAL TO INSINKERATOR BADGER 5 (5/8" 120 V) W/ SWITCH CONTROL EQUAL TO INSINKERATOR SINKTOP SWITCH W/ POWER MODULE. COORDINATE FINISHES WITH ARCHITECT. PROVIDE 1.5GPM FLOW RESTRICTOR.
P-6	WASHING MACHINE OUTLET	SIOUX CHIEF	696 - G - 1	-	1/2"	1/2"	-	-	2"	2"	-	-	-	-	-	2" STANDPIPE DRAIN	FLOOR MOUNTED	PROVIDE W/ LEAD-FREE VALVE AND ARRESTER.
P-7	MOP SINK	FIAT	MSB 2424	24" x 24"	1/2"	1/2"	-	-	3"	2"	-	-	-	SPEAKMAN	SC-5811-CK-RCP	STAINLESS STEEL DRAIN BODY W/ 3" P-TRAP	FLOOR MOUNTED	PROVIDE FAUCET W/ CHECK VALVES, ROUGH CHROME PLATED FINISH. PROVIDE HOSE & HOSE BRACKET FIAT MODEL 832-AA, AND MOP HANGER FIAT MODEL 889-CC.

NOTES: FIXTURE SELECTION SHALL BE CAREFULLY COORDINATED WITH OWNER, AND ARCHITECT. COORDINATE ALL FIXTURE LOCATIONS AND MOUNTING HEIGHTS WITH ARCHITECTURAL PLANS. PLUMBING FIXTURES SHALL BE COORDINATED WITH ARCHITECTURAL PLAN A7.10

GAS-FIRED WATER HEATER SCHEDULE											
TAG NO	MANUFACTURER	MODEL	TANK STORAGE (GAL.)	TEMPERATURE SETTING (°F)	RECOVERY @90°F RISE (GPH)	ENERGY FACTOR	GAS REQUIREMENTS		ELECTRICAL REQUIREMENTS		REMARKS
							INPUT (CFH)	PRESSURE (in. W.C.)	VOLTS	AMPS	
GWH-1	RUUD	PROH650-65N RU82 PDV	50	120	65.7	0.62	65	-	120	5	PROVIDE SAFE WASTE PAN AND DRAIN RISER. PROVIDE CONCENTRIC VENT KIT. EXHAUST INTAKE PIPING SHALL BE CPVC OR STAINLESS STEEL. PROVIDE WATER HEATER IN ALL TENANT UNITS. PROVIDE WITH VACUUM, TEMPERATURE AND PRESSURE RELIEF VALVES.

NOTES: COORDINATE W/ ELECTRICAL CONTRACTOR

EXPANSION TANK SCHEDULE				
TAG NO	MANUFACTURER	MODEL	TANK VOLUME (GAL.)	REMARKS
ET-1	WATTS	PLT-12	4.5	EXPANSION TANK SHALL BE LEAD FREE. PROVIDE FOR GWH-1

NOTES:

ELECTRIC WATER HEATER									
TAG NO	MANUFACTURER	MODEL	NUMBER OF ELEMENTS	TEMPERATURE SETTING (°F)	ENERGY EFFICIENCY	ELECTRICAL REQUIREMENTS			REMARKS
						KW	VOLTS	PH	
EWH-1	CHRONOMITE	E-46S208	-	120	99%	4.6	208	-	PROVIDE ALL REQUIRED MOUNTING SUPPORT

NOTES:

WATER HAMMER SCHEDULE			
TAG NO	FIXTURE UNIT RATING	MANUFACTURER	MODEL
SA'A	1-11	J.R. SMITH	5005
SA'B	12-32	J.R. SMITH	5010
SA'C	33-60	J.R. SMITH	5020
SA'D	61-113	J.R. SMITH	5030
SA'E	114-154	J.R. SMITH	5040
SA'F	155-330	J.R. SMITH	5050

NOTES: WATER HAMMER ARRESTORS SHALL BE BY J.R. SMITH, WATTS, SIOUX CHIEF OR APPROVED EQUAL.

DRAIN SCHEDULE					
TAG NO	TYPE	MANUFACTURER	MODEL	STRAINER	REMARKS
FDA	-	-	-	-	-
FD-B	FLOOR	J.R. SMITH	2230C-P050	12" CI	LOCATED IN TRASH ROOM AND MECHANICAL ROOM. PROVIDE WITH TRAP PRIMER CONNECTION AND SEDIMENT BUCKET.
GD-A	GARAGE FLOOR DRAIN	MFAB	F1460	-	PROVIDE WITH DUCTILE IRON VANDAL PROOF SECURED GRATE, SEDIMENT BUCKET, AND TRAP PRIMER CONNECTION.
RD-A	BIFUNCTION, ROOF	FROET	100C2-OFS-DC-DMP	-	PROVIDE W/ OVERFLOW STRAINER, DECK CLAMP, DECK MOUNTING CLAMP.

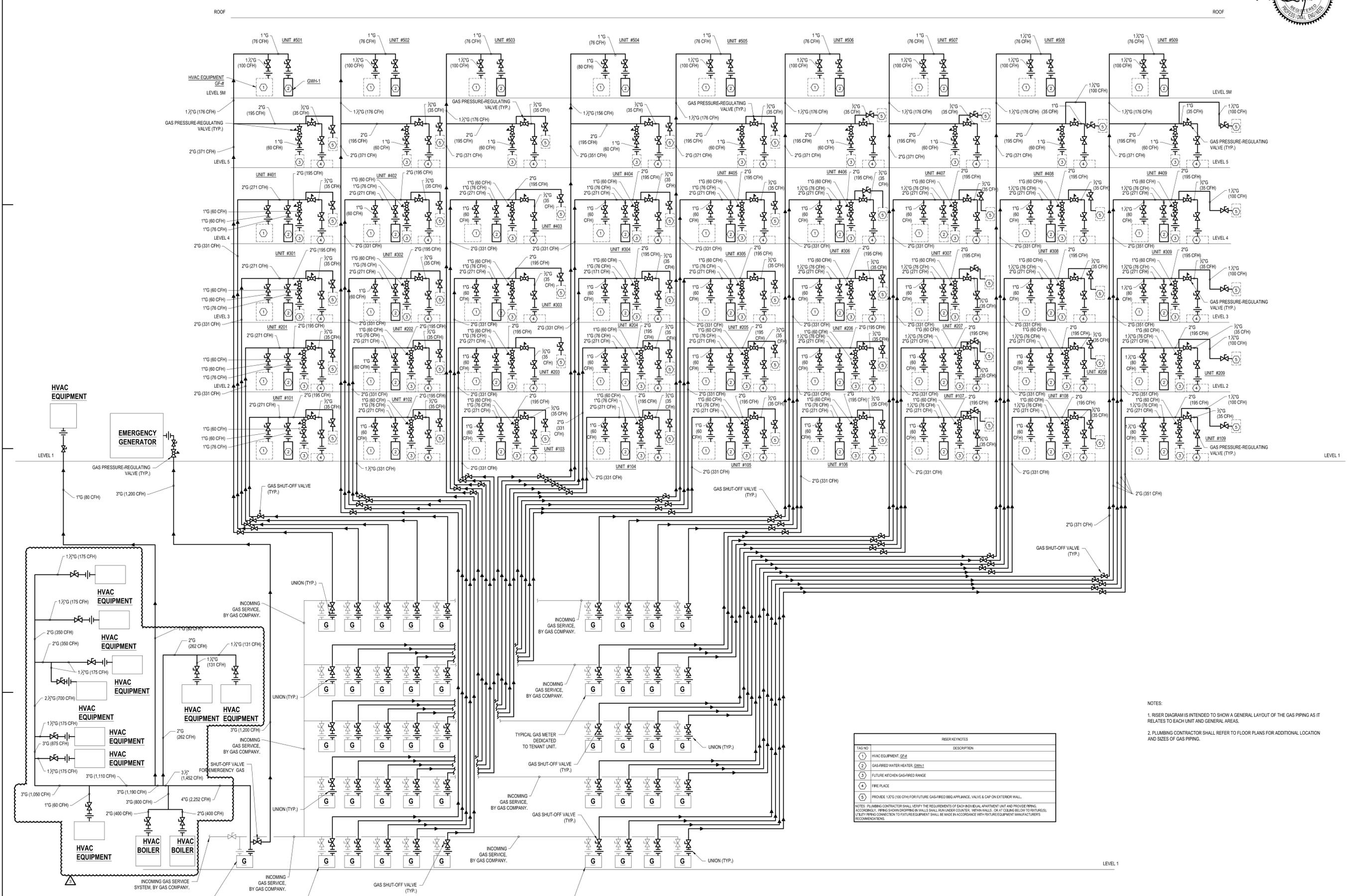
NOTES: COORDINATE FLASHING REQUIREMENTS WITH G.C.





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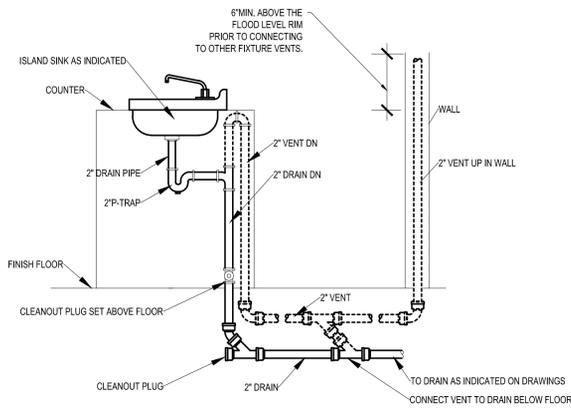
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1	11.15.2015	AS NOTED
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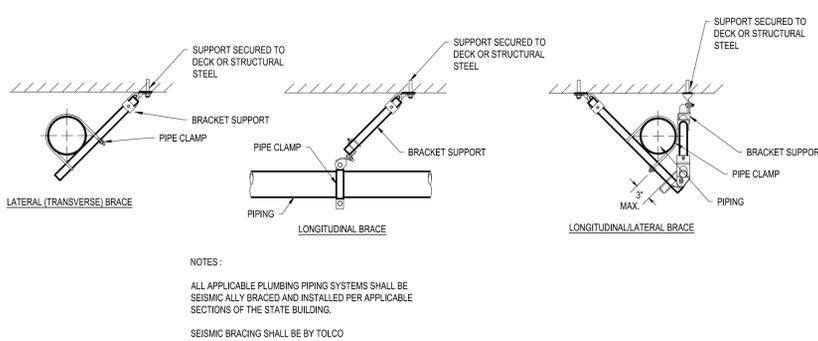
TAG NO.	DESCRIPTION
1	HVAC EQUIPMENT (SEE)
2	GAS-FIRED WATER HEATER (GWH)
3	FUTURE KITCHEN GAS-FIRED RANGE
4	FIRE PLACE
5	PROVIDE 1 1/2" (100 CFH) FOR FUTURE GAS-FIRED BBQ APPLIANCE, VALVE & CAP ON EXTERIOR WALL.

NOTES:  
1. RISER DIAGRAM IS INTENDED TO SHOW A GENERAL LAYOUT OF THE GAS PIPING AS IT RELATES TO EACH UNIT AND GENERAL AREAS.  
2. PLUMBING CONTRACTOR SHALL REFER TO FLOOR PLANS FOR ADDITIONAL LOCATION AND SIZES OF GAS PIPING.

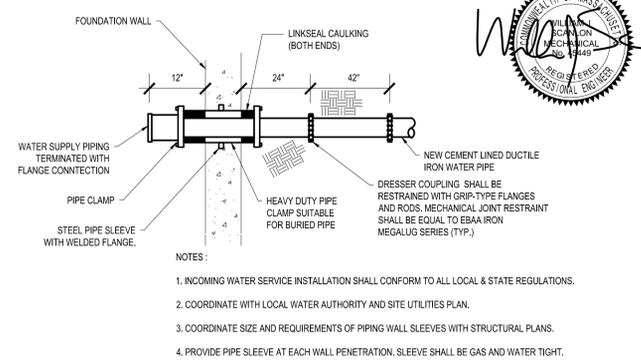
4 GAS SYSTEM RISER DIAGRAM  
P-004 NOT TO SCALE



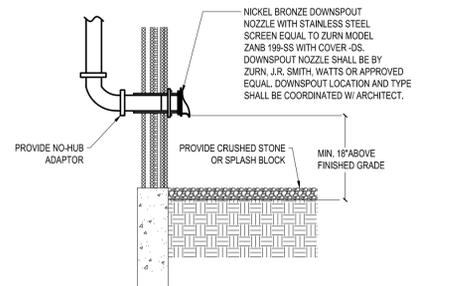
7 TYPICAL ISLAND SINK BOW VENT PIPING DIAGRAM  
P0.05 NOT TO SCALE



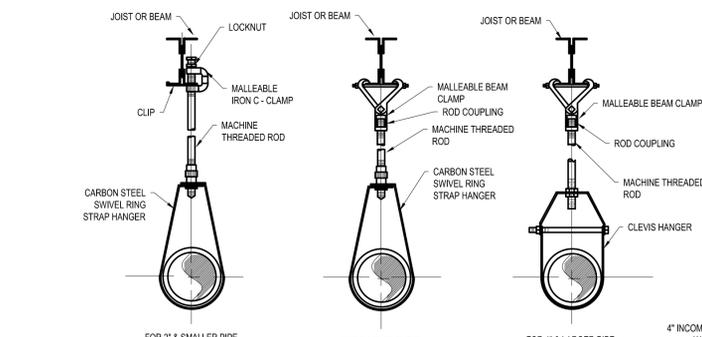
4 SEISMIC BRACING DETAILS  
P0.05 NOT TO SCALE



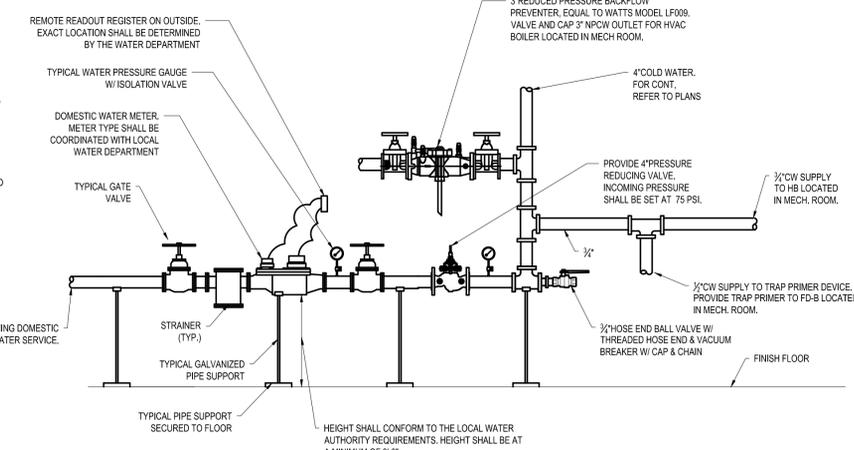
1 WATER SERVICE ENTRANCE DETAIL  
P0.05 NOT TO SCALE



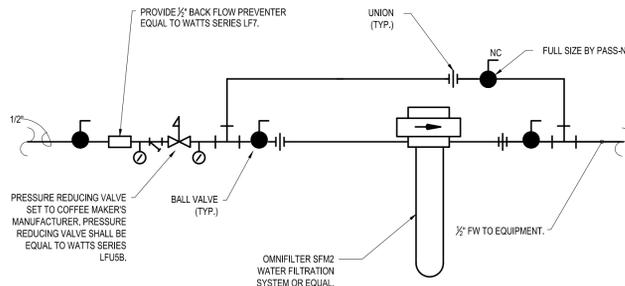
8 OVERFLOW DRAIN THRU WALL DETAIL  
P0.05 NOT TO SCALE



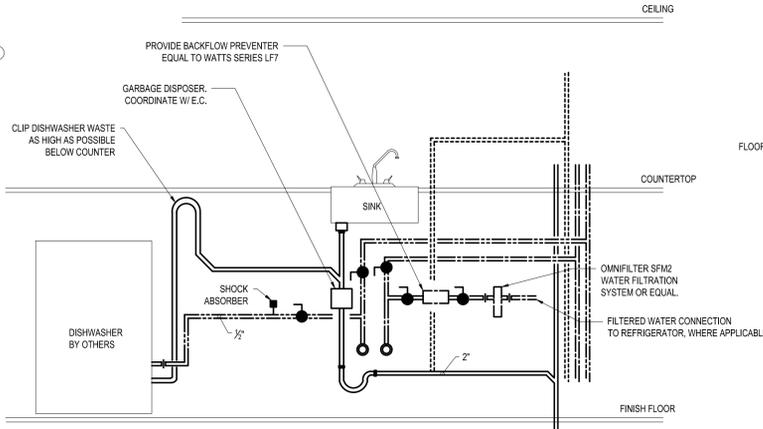
5 BAND HANGER  
P0.05 NOT TO SCALE



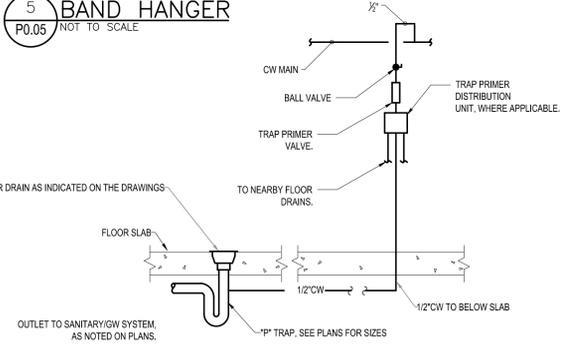
2 DOMESTIC WATER METER DETAIL  
P0.05 NOT TO SCALE



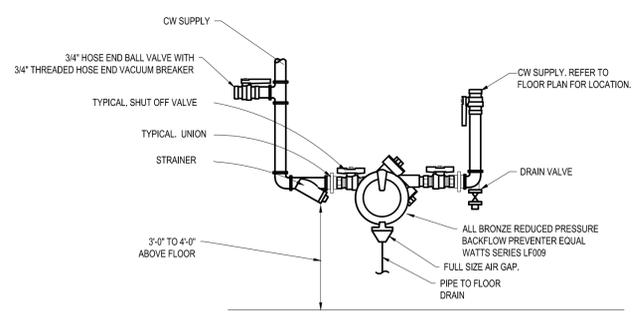
14 TYPICAL WATER FILTER DETAIL  
P0.05 NOT TO SCALE



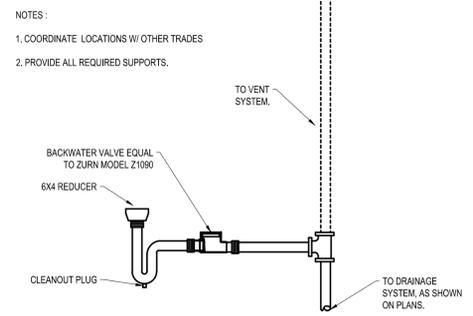
9 TYPICAL KITCHEN SINK & DISHWASHER DETAIL  
P0.05 NOT TO SCALE



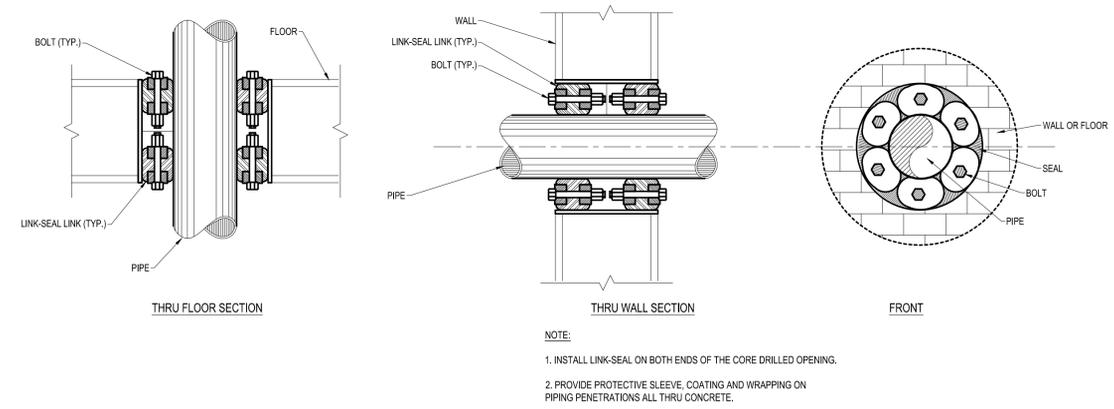
6 TYPICAL TRAP PRIMER AT FLOOR DRAIN  
P0.05 NOT TO SCALE



12 REDUCED PRESSURE BACKFLOW PREVENTER  
P0.05 NOT TO SCALE



13 TYPICAL OPEN END DRAIN DETAIL  
P0.05 NOT TO SCALE



3 PIPE SLEEVES THRU WALL / FLOOR  
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AMESBURY, MA

prepared for: **HATTERS POINT CAPITAL LLC**  
location: **PO BOX 1044 SUDBURY, MA 01776**  
title: **title**  
PLUMBING DETAILS

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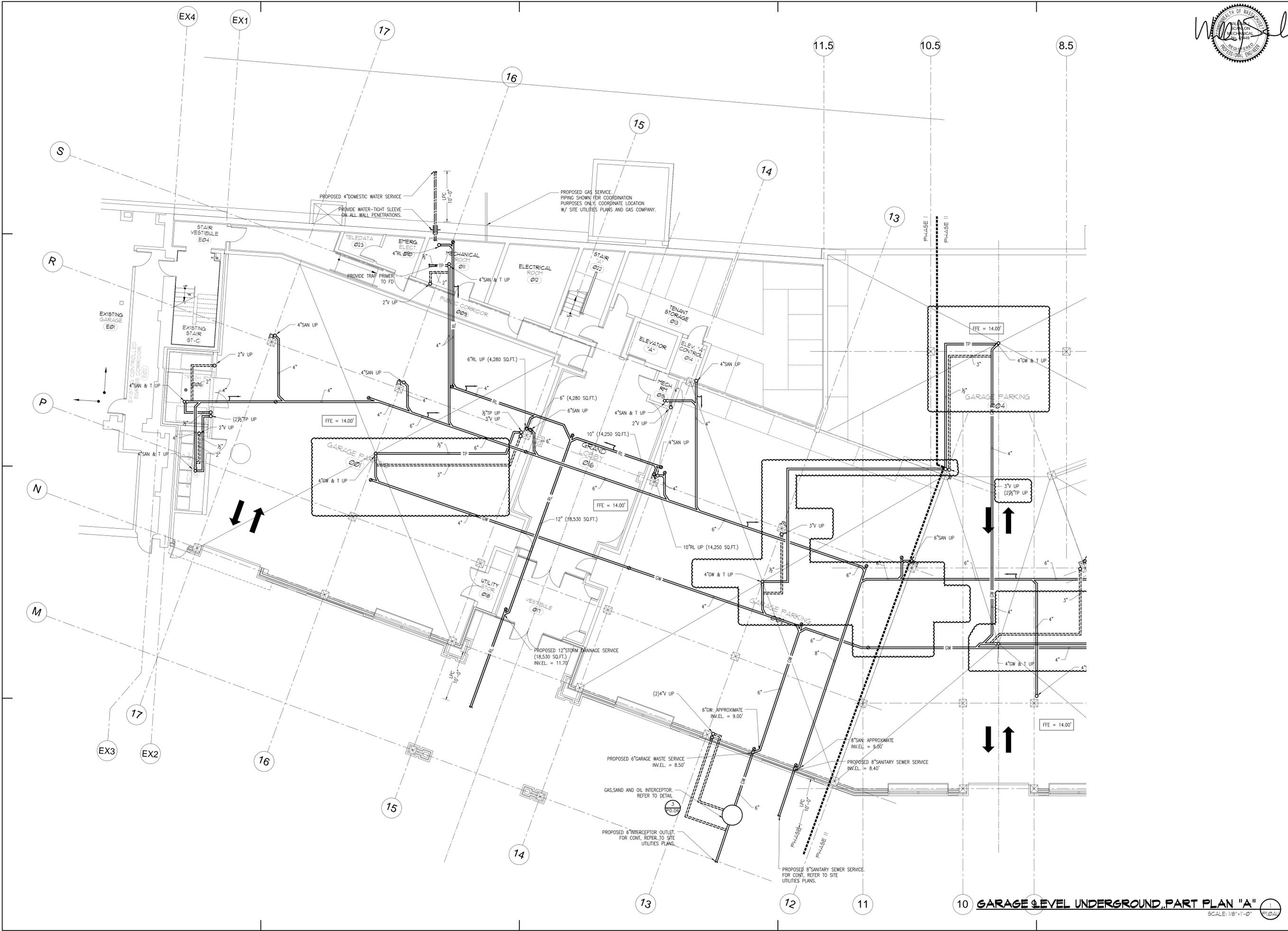
**HATTERS POINT**  
**PLUMBING GARAGE LEVEL**  
 UNDERGROUND, PART PLAN "A"  
 AMESBURY, MA

Prepared for: **HATTERS POINT CAPITAL LLC.**  
 Location: **PO BOX 1044 SUDBURY, MA 01776**  
 Title: **PLUMBING GARAGE LEVEL UNDERGROUND, PART PLAN "A"**

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6	Design Development Set
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<b>Revisions</b>	
Date	<b>11.15.2015</b>
Scale	<b>AS NOTED</b>
Job No.	<b>2394</b>
Sheet No.	

**P1.0AU**



**GARAGE LEVEL UNDERGROUND, PART PLAN "A"**  
 SCALE: 1/8" = 1'-0"



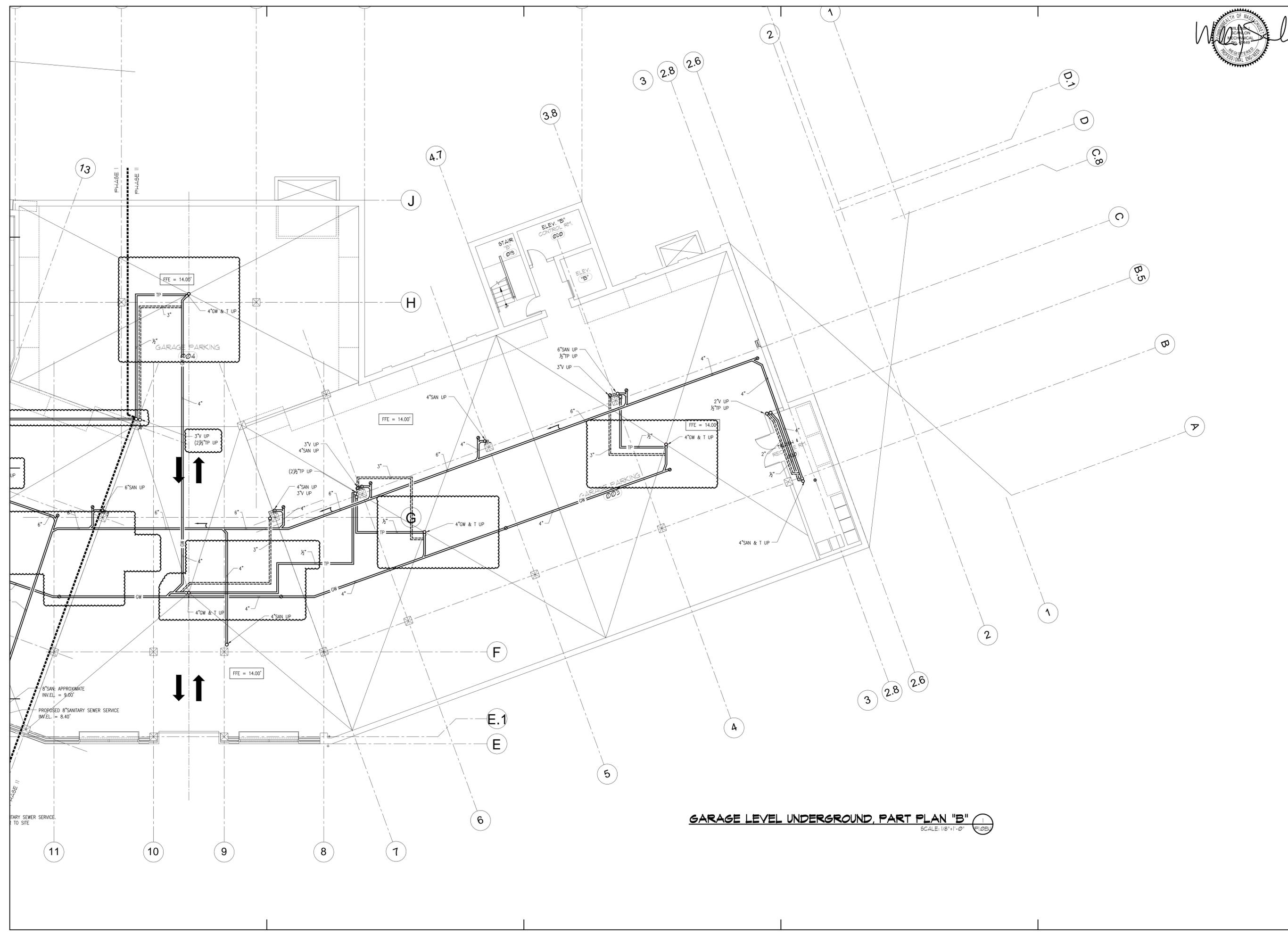
**HATTERS POINT**  
**PLUMBING GARAGE LEVEL**  
 UNDERGROUND, PART PLAN "B"

Prepared for: HATTERS POINT CAPITAL LLC.  
 Location: PO BOX 1044 SUDBURY, MA 01776  
 Title: PLUMBING GARAGE LEVEL UNDERGROUND, PART PLAN "B"  
 Date: 11.15.2015

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Revisions  
 Date: 11.15.2015  
 Scale: AS NOTED  
 Job No.: 2394  
 Sheet No.:



**GARAGE LEVEL UNDERGROUND, PART PLAN "B"**  
 SCALE: 1/8"=1'-0"



1	Revision #3 - 01.15.16
2	ICC Review Comments
3	Permit Set
4	CD Pricing Set
5	Construction Docs Progress
6	Design Development Set
Mark	Date
<b>Revisions</b>	
Date	<b>11.15.2015</b>
Scale	<b>AS NOTED</b>
Doc No.	<b>2394</b>
Sheet No.	<b>P1.0A</b>

- NOTES:
1. PROVIDE TRAP PRIMER PIPING TO ALL GARAGE FLOOR TRENCH DRAINS AND FLOOR DRAINS.
  2. PROVIDE HEAT TRACING ON PIPING SUBJECT TO FREEZING.
  3. ALL EXPOSED PIPING SHALL BE PROTECTED AGAINST PHYSICAL DAMAGE FROM VEHICLES.
  4. PROVIDE LINKSEAL WALL SLEEVES AT ALL UTILITY PIPING THRU FOUNDATION WALL. COORDINATE REQUIREMENT WITH SITE UTILITIES PLANS.
  5. FOR ADDITIONAL PIPING, REFER TO RISER DIAGRAMS AND DETAILS.
  6. LAUNDRY STACKS SHALL BE PIPED IN ACCORDANCE WITH 248 CMR 10.22 FIGURE 19.
  7. ALL VENT PIPING SERVING PLUMBING FIXTURES ON LEVEL 1 & GARAGE LEVEL SHALL RISE INTO NEARBY CHASE AND TIE INTO VENT STACK ABOVE, UNLESS NOTED OTHERWISE.
  8. GAS PIPING SHOWN RUNNING STACKED FOR CLARITY PURPOSES.
  9. PROVIDE SHUT-OFF VALVE AT THE BOTTOM OF ALL GAS & CW RISERS. PROVIDE IDENTIFICATION FOR ALL SHUT-OFF VALVE. TAG IDENTIFICATION ON GAS SHUT-OFF VALVE SHALL NOTE UNIT # SERVICED. COORDINATE IDENTIFICATION W/ OWNER.
  10. ALL WATER USAGE WITHIN THE BUILDING SHALL BE METERED AS REQUIRED PER STATE GENERAL LAWS. PROVIDE WATER METERS AS SHOWN AND AS REQUIRED. COORDINATE LOCATION OF ALL WATER METERS WITH OWNER AND LOCAL WATER DEPARTMENT. WATER PIPING SHALL BE GROUPED AS REQUIRED TO ACCOMMODATE WATER METER INSTALLATION. ALL WATER METERING DEVICES SHALL BE ACCESSIBLE.

GAS PIPING UNIT SCHEDULE (LEVEL 1)

UNIT	TOTAL LOAD (CFH)	APPROXIMATE TOTAL DEVELOPED LENGTH (FT)	MAIN SIZE (in)
101	331	310	2"
102	331	310	2"
103	331	310	2"
104	331	450	2"
105	331	530	2"
106	331	530	2"
107	331	580	2"
108	331	580	2"
109	351	620	2"

NOTES: PIPING BASED ON MAXIMUM ALLOWABLE PRESSURE LOSS OF 0.5"W.C.

GAS PIPING UNIT SCHEDULE (LEVEL 2)

UNIT	TOTAL LOAD (CFH)	APPROXIMATE TOTAL DEVELOPED LENGTH (FT)	MAIN SIZE (in)
201	331	320	2"
202	331	320	2"
203	331	320	2"
204	331	470	2"
205	331	470	2"
206	331	550	2"
207	331	600	2"
208	331	600	2"
209	351	630	2"

NOTES: PIPING BASED ON MAXIMUM ALLOWABLE PRESSURE LOSS OF 0.5"W.C.

GAS PIPING UNIT SCHEDULE (LEVEL 3)

UNIT	TOTAL LOAD (CFH)	APPROXIMATE TOTAL DEVELOPED LENGTH (FT)	MAIN SIZE (in)
301	331	330	1 1/2"
302	331	330	1 1/2"
303	331	330	1 1/2"
304	331	480	2"
305	331	480	2"
306	331	560	2"
307	331	600	2"
308	331	600	2"
309	351	700	2"

NOTES: PIPING BASED ON MAXIMUM ALLOWABLE PRESSURE LOSS OF 0.5"W.C.

GAS PIPING UNIT SCHEDULE (LEVEL 4)

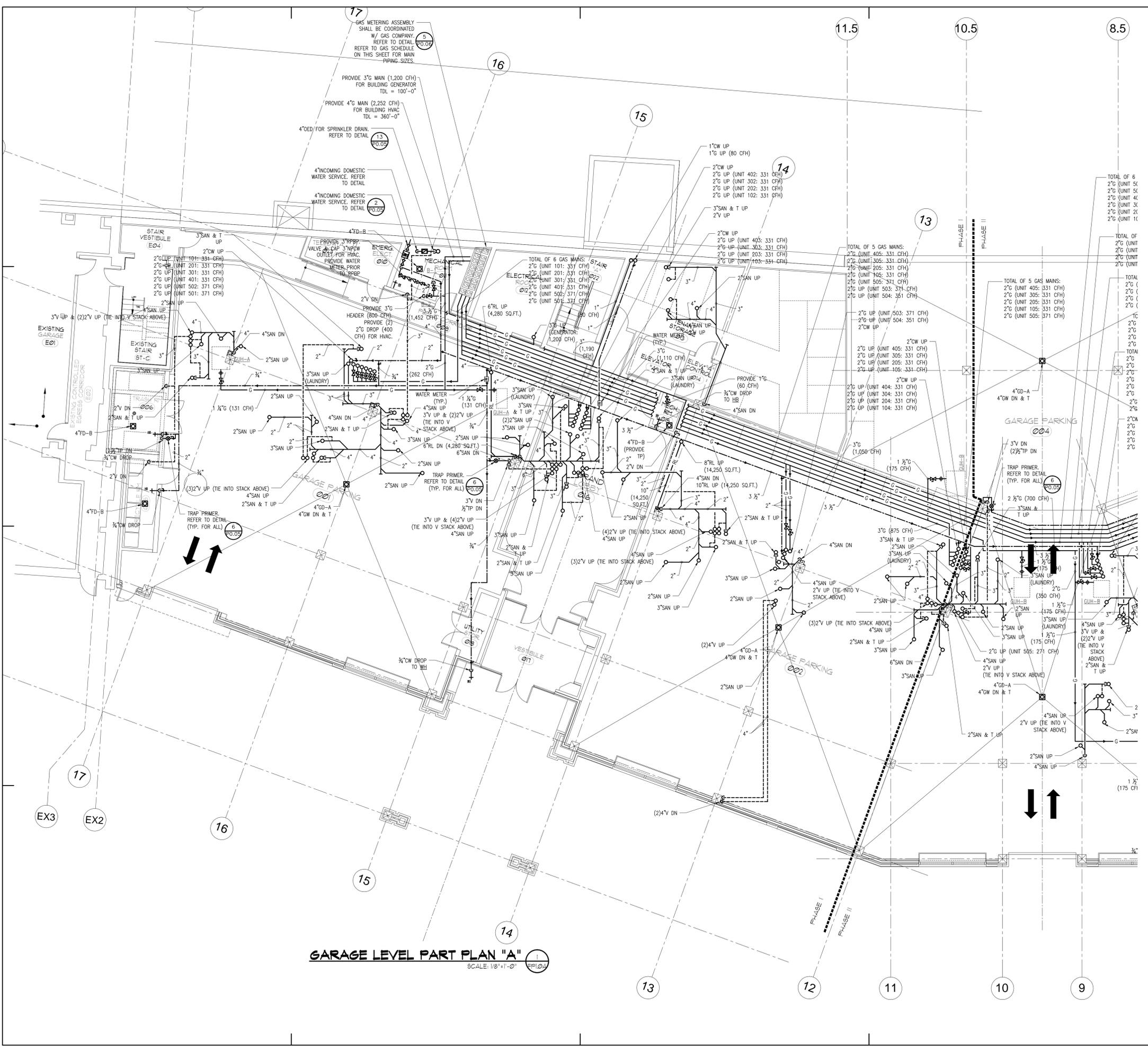
UNIT	TOTAL LOAD (CFH)	APPROXIMATE TOTAL DEVELOPED LENGTH (FT)	MAIN SIZE (in)
401	331	350	1 1/2"
402	331	350	1 1/2"
403	331	350	1 1/2"
404	331	500	2"
405	331	500	2"
406	331	570	2"
407	331	615	2"
408	331	615	2"
409	351	660	2"

NOTES: PIPING BASED ON MAXIMUM ALLOWABLE PRESSURE LOSS OF 0.5"W.C.

GAS PIPING UNIT SCHEDULE (LEVEL 5)

UNIT	TOTAL LOAD (CFH)	APPROXIMATE TOTAL DEVELOPED LENGTH (FT)	MAIN SIZE (in)
501	371	360	2"
502	371	360	2"
503	371	400	2"
504	351	400	2"
505	371	540	2"
506	351	600	2"
507	371	600	2"
508	371	660	2"
509	371	700	2"

NOTES: PIPING BASED ON MAXIMUM ALLOWABLE PRESSURE LOSS OF 0.5"W.C.

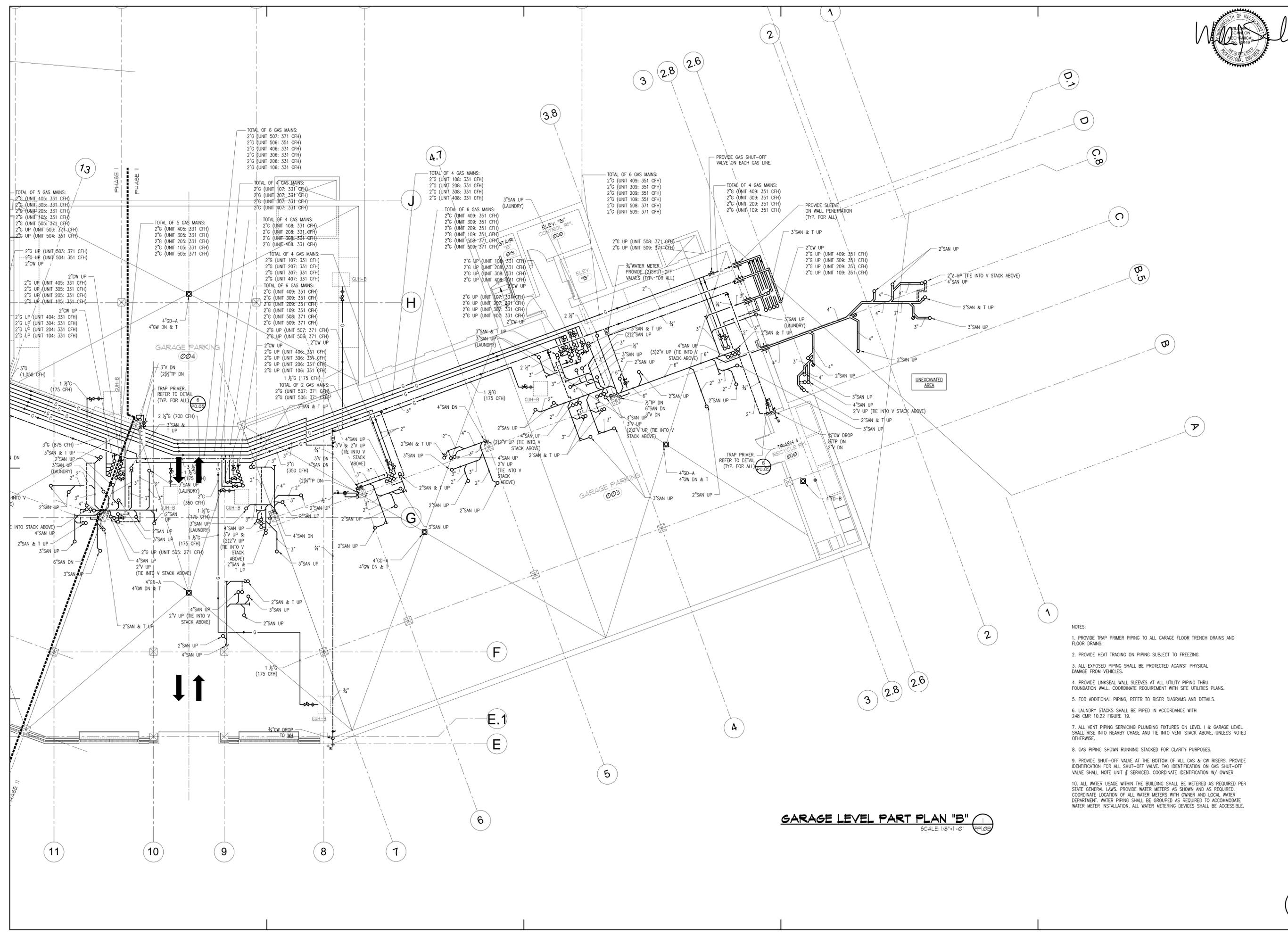


**GARAGE LEVEL PART PLAN "A"**  
 SCALE: 1/8"=1'-0"



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Revision	Date
1	11.15.2015
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3	2394



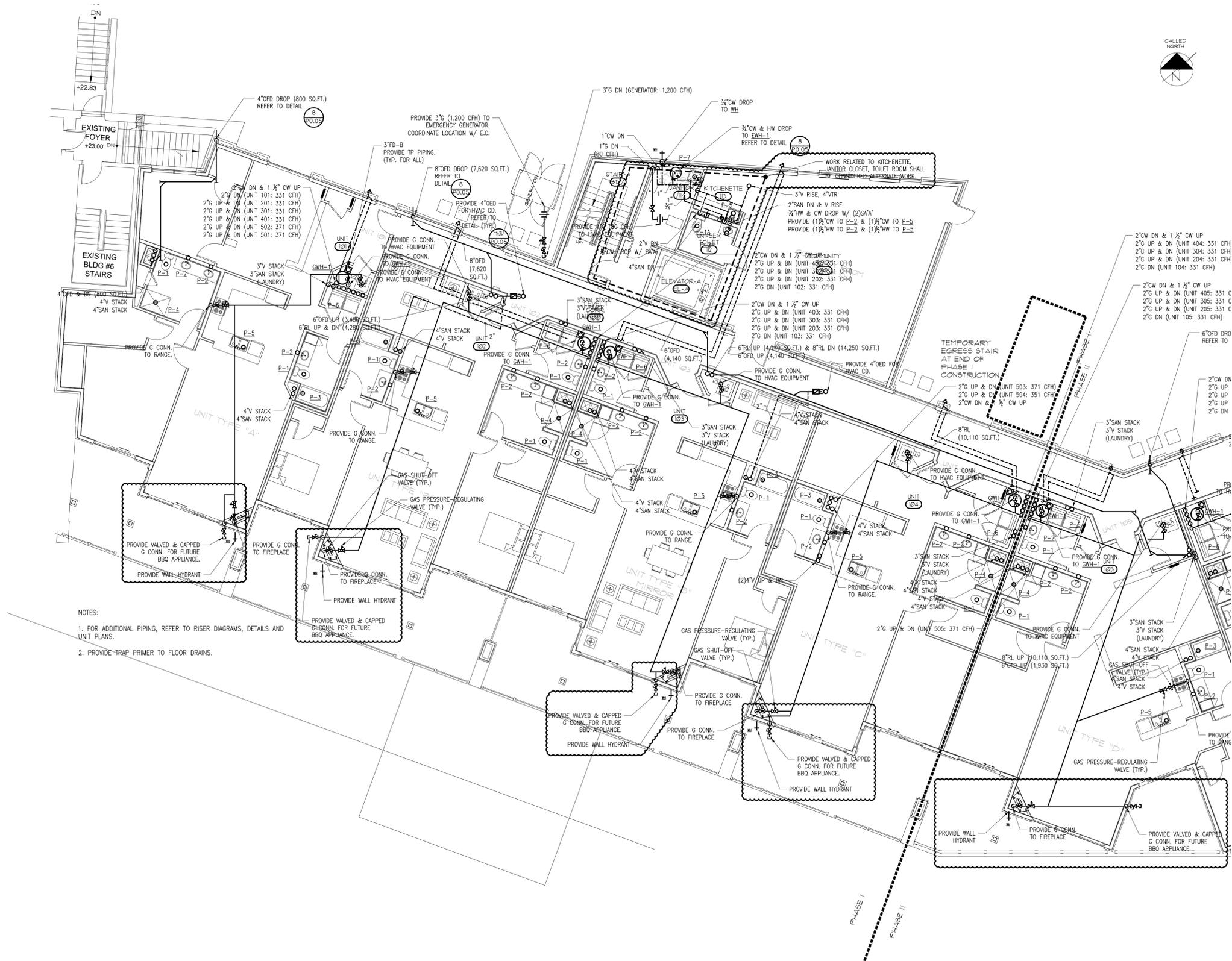
**GARAGE LEVEL PART PLAN "B"**  
 SCALE: 1/8"=1'-0" EPI/05

- NOTES:
1. PROVIDE TRAP PRIMER PIPING TO ALL GARAGE FLOOR TRENCH DRAINS AND FLOOR DRAINS.
  2. PROVIDE HEAT TRACING ON PIPING SUBJECT TO FREEZING.
  3. ALL EXPOSED PIPING SHALL BE PROTECTED AGAINST PHYSICAL DAMAGE FROM VEHICLES.
  4. PROVIDE LINKSEAL WALL SLEEVES AT ALL UTILITY PIPING THRU FOUNDATION WALL. COORDINATE REQUIREMENT WITH SITE UTILITIES PLANS.
  5. FOR ADDITIONAL PIPING, REFER TO RISER DIAGRAMS AND DETAILS.
  6. LAUNDRY STACKS SHALL BE PIPED IN ACCORDANCE WITH 248 CMR 10.22 FIGURE 19.
  7. ALL VENT PIPING SERVICING PLUMBING FIXTURES ON LEVEL 1 & GARAGE LEVEL SHALL RISE INTO NEARBY CHASE AND TIE INTO VENT STACK ABOVE, UNLESS NOTED OTHERWISE.
  8. GAS PIPING SHOWN RUNNING STACKED FOR CLARITY PURPOSES.
  9. PROVIDE SHUT-OFF VALVE AT THE BOTTOM OF ALL GAS & CW RISERS. PROVIDE IDENTIFICATION FOR ALL SHUT-OFF VALVE. TAG IDENTIFICATION ON GAS SHUT-OFF VALVE SHALL NOTE UNIT # SERVICED. COORDINATE IDENTIFICATION W/ OWNER.
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Date	11.15.2015
Scale	AS NOTED
Job No.	2394
Sheet No.	





**HATTERS POINT**  
**POINT**  
 AMESBURY, MA

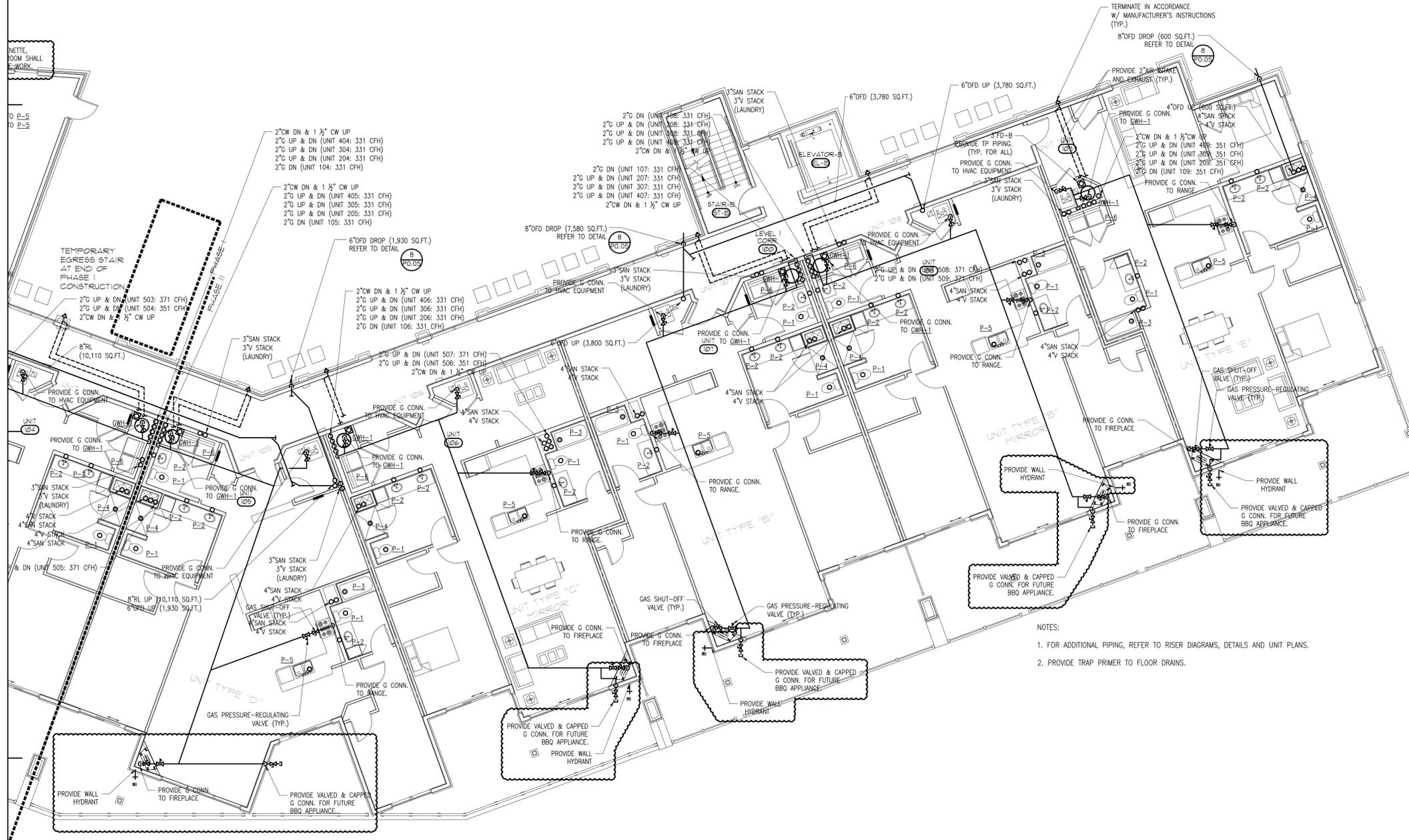
Prepared for: **HATTERS POINT CAPITAL LLC.** PO BOX 1044 SUBBURY, MA 01776  
 Location: **title**  
**PLUMBING**  
**LEVEL-1, PART-PLAN "B"**

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 Date: **11.15.2015**  
 Scale: **AS NOTED**  
 Job No.: **2394**  
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**P1.1B**



NOTES:  
 1. FOR ADDITIONAL PIPING, REFER TO RISER DIAGRAMS, DETAILS AND UNIT PLANS.  
 2. PROVIDE TRAP PRIMER TO FLOOR DRAINS.

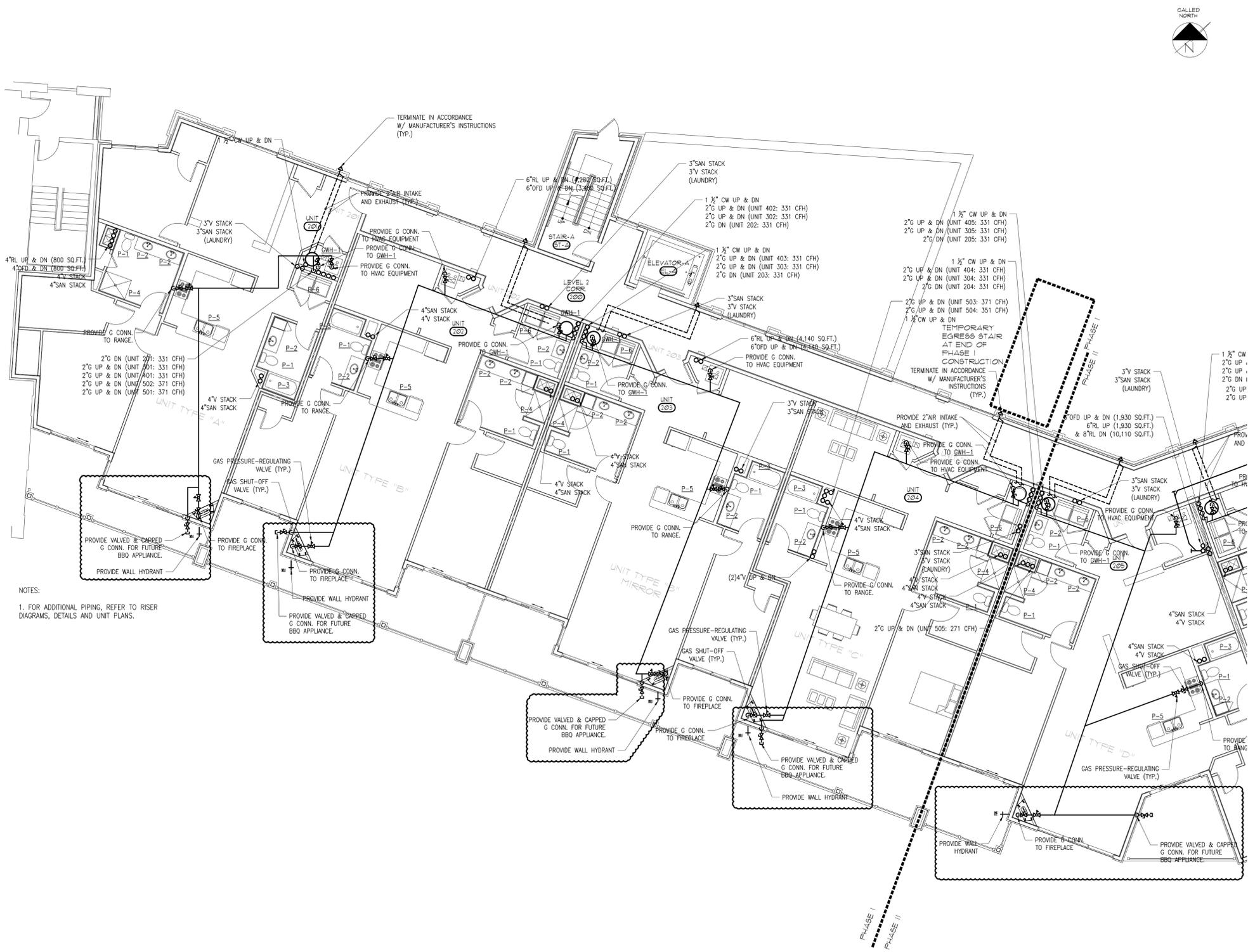
**LEVEL 1 PART PLAN "B"**  
 SCALE: 1/8"=1'-0"



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NOTES:  
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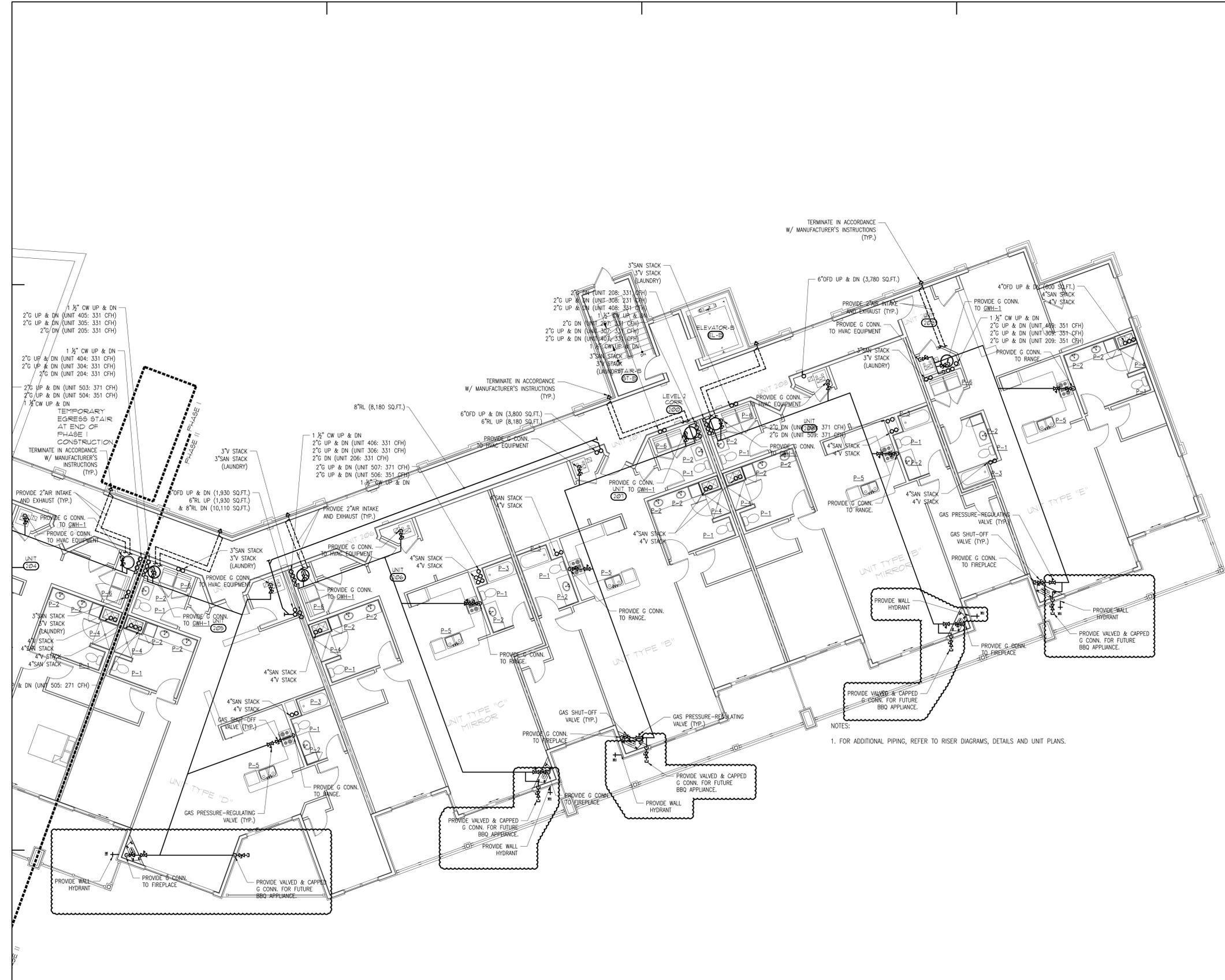
**HATTERS POINT**  
**PLUMBING**  
 LEVEL-2, PART-PLAN "B"

Prepared for: **HATTERS POINT CAPITAL LLC**  
 Location: **PO BOX 1044 SUDBURY, MA 01776**  
 Title: **PLUMBING LEVEL-2, PART-PLAN "B"**

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Sheet No.	

**P1.2B**

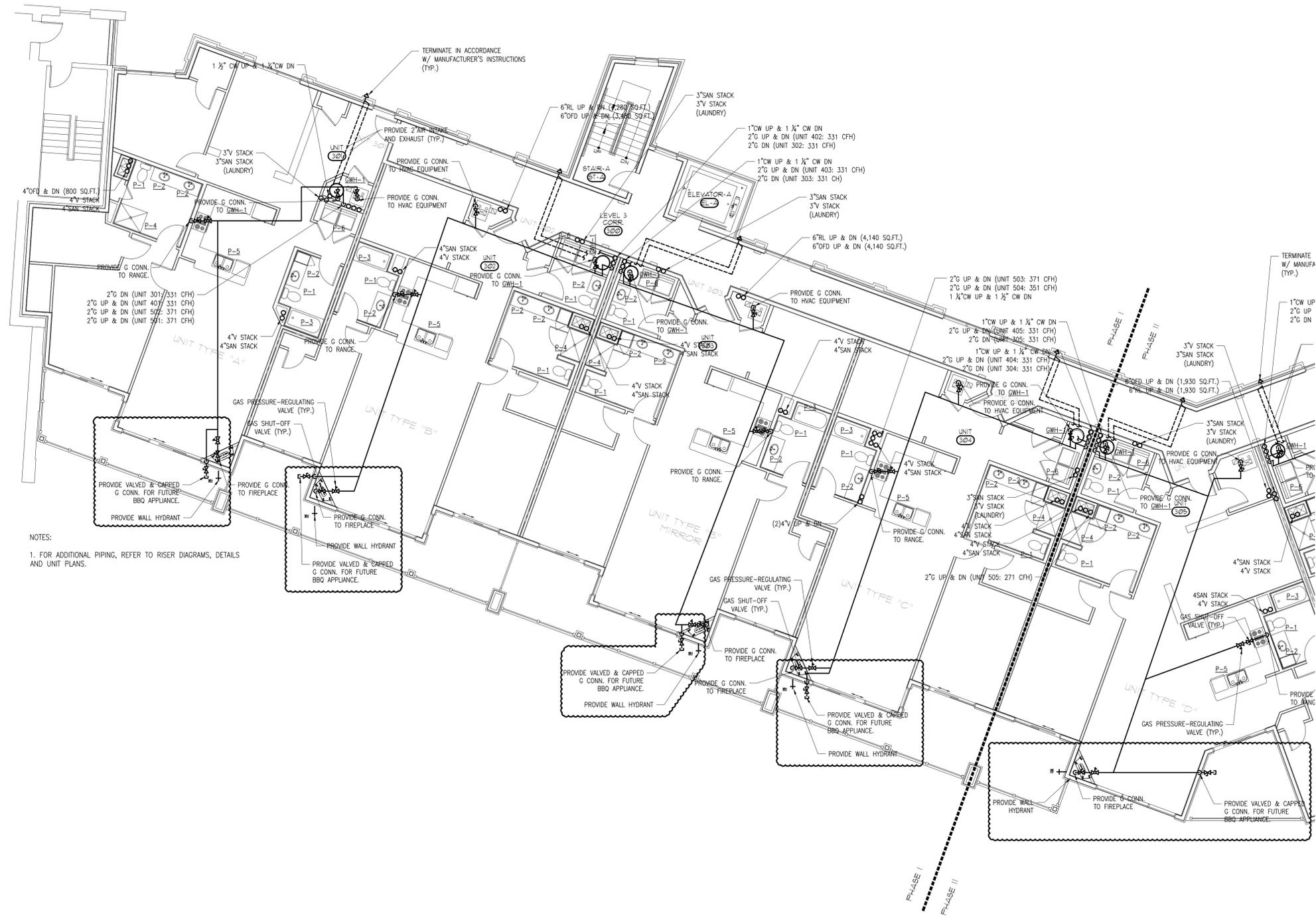


**LEVEL 2 PART PLAN "B"**  
 SCALE: 1/8"=1'-0" (P1.2B)



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NOTES:  
 1. FOR ADDITIONAL PIPING, REFER TO RISER DIAGRAMS, DETAILS AND UNIT PLANS.



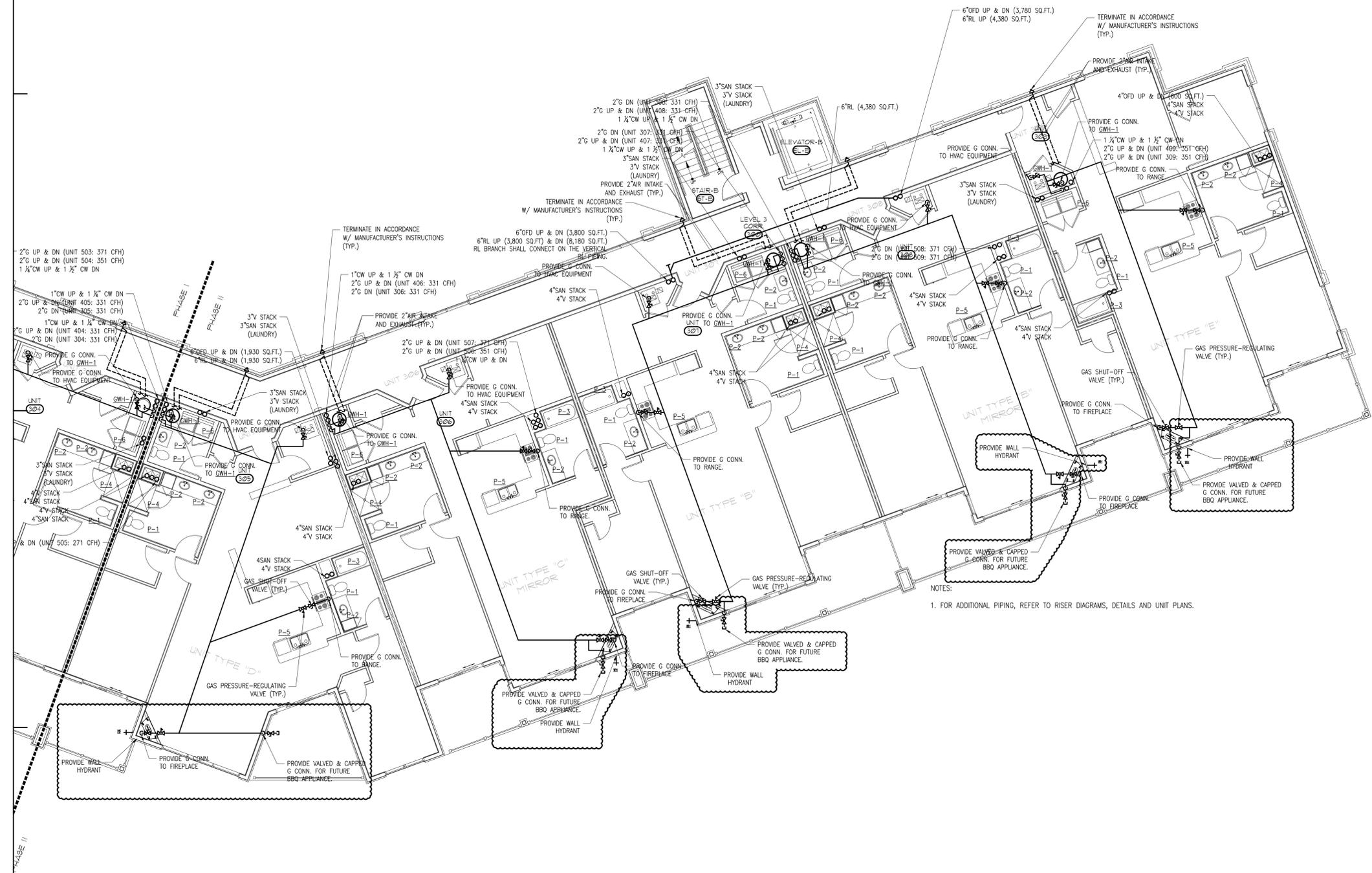
**HATTERS POINT**  
**PLUMBING**  
**LEVEL-3, PART-PLAN "B"**  
 AMESBURY, MA

Prepared for: **HATTERS POINT CAPITAL LLC.**  
 Location: **PO BOX 1044 SUDBURY, MA 01776**  
 Title

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Sheet No.	

**P1.3B**



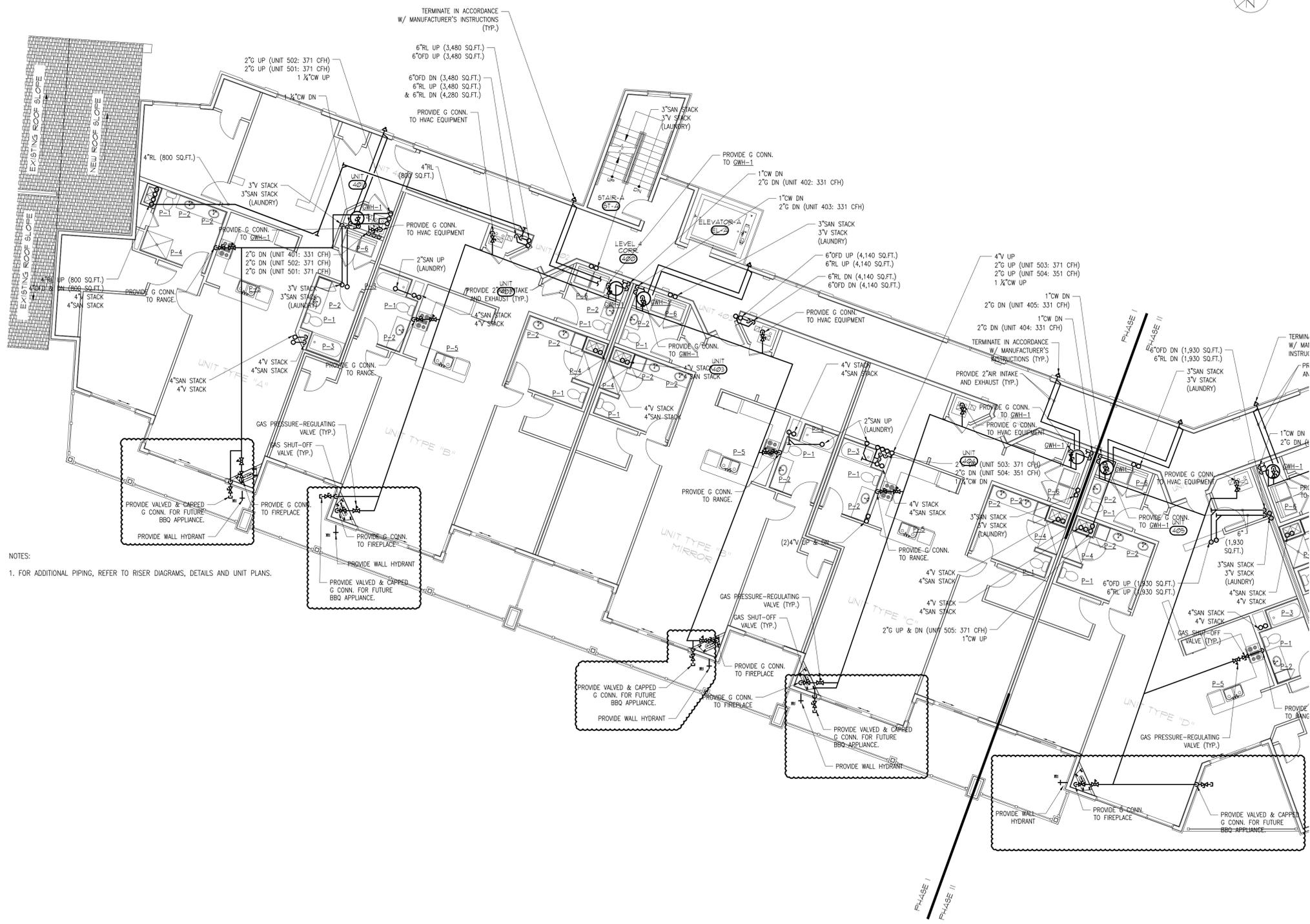
NOTES:  
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**LEVEL 3 PART PLAN "B"**  
 SCALE: 1/8"=1'-0" P13B



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**HATTERS POINT**  
**POINT**  
 AMESBURY, MA

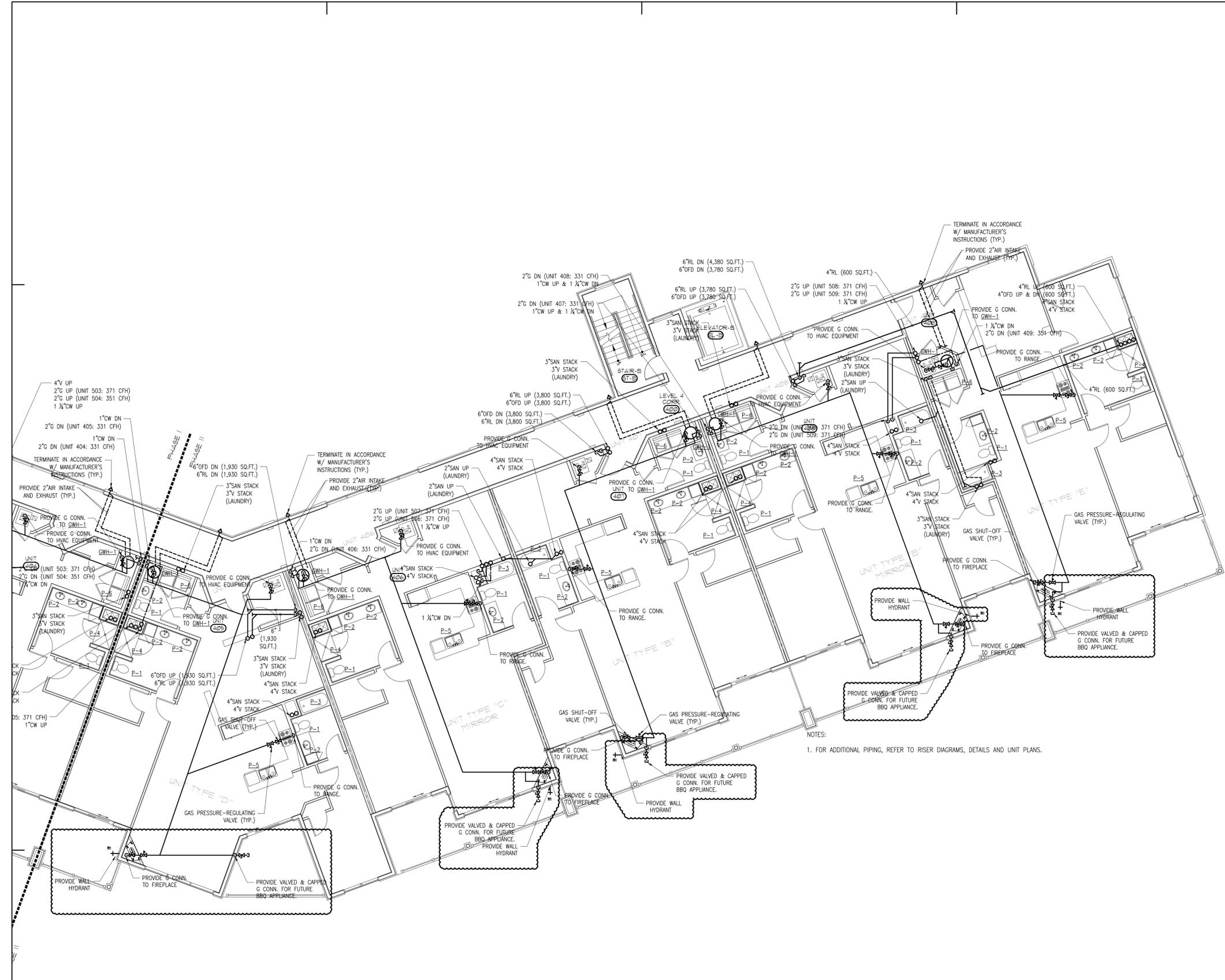
Prepared for: **HATTERS POINT CAPITAL LLC.**  
 Location: **PO BOX 1044 SUDBURY, MA 01776**  
 Title: **PLUMBING LEVEL-4, PART-PLAN "B"**

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 Sheet No.:

**P1.4B**



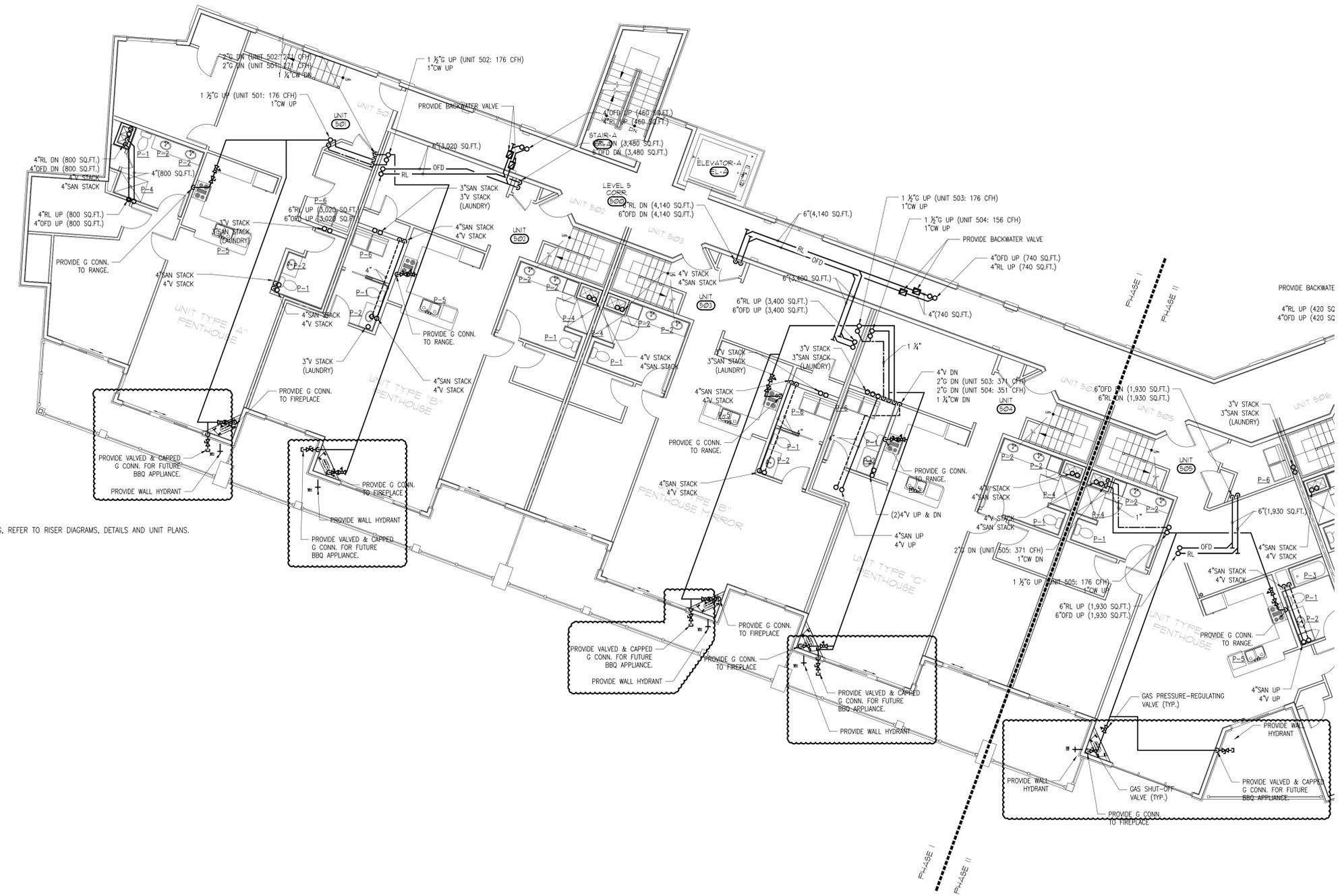
NOTES:  
 1. FOR ADDITIONAL PIPING, REFER TO RISER DIAGRAMS, DETAILS AND UNIT PLANS.

**LEVEL 4 PART PLAN "B"**  
 SCALE: 1/8"=1'-0" 1



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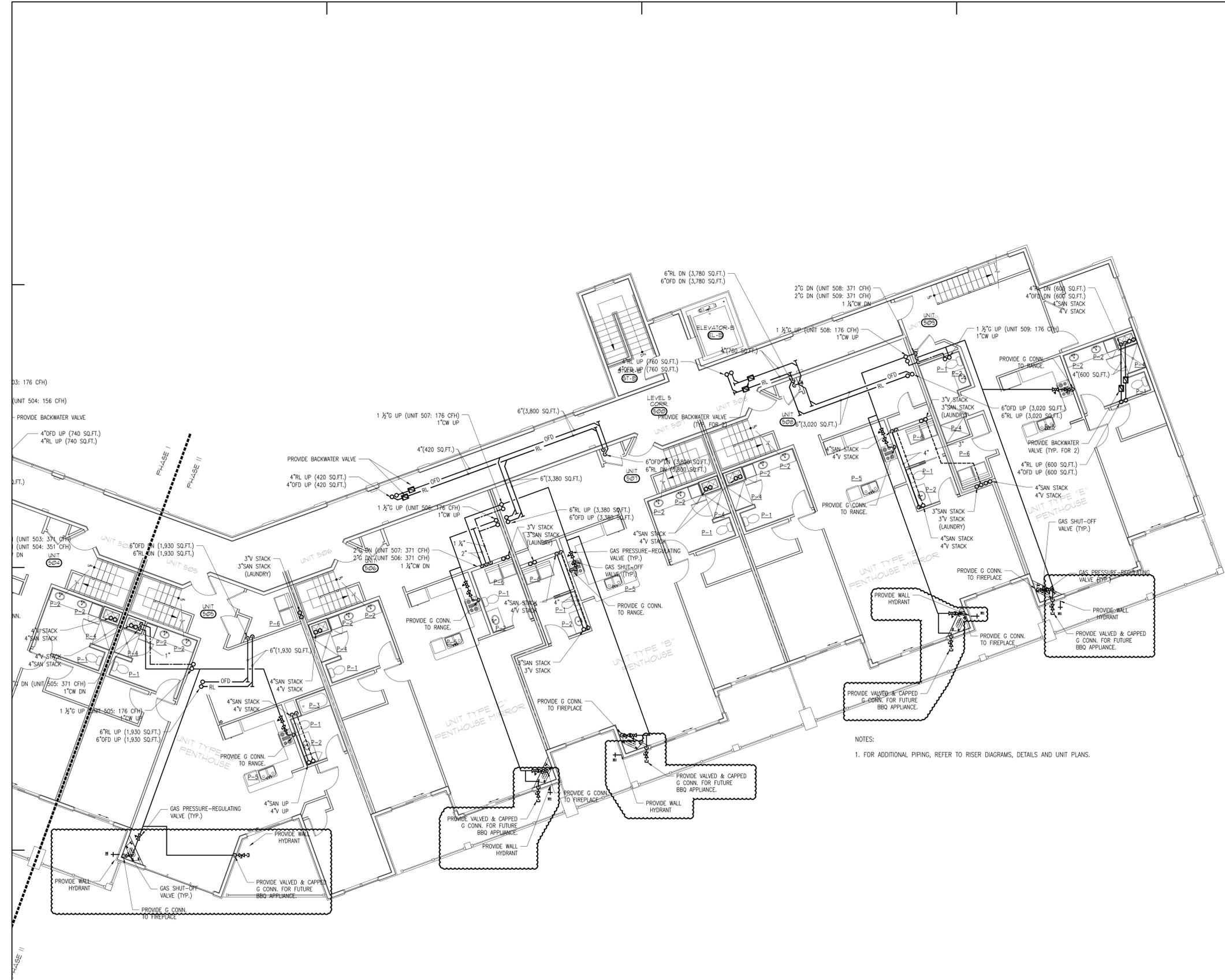
**HATTERS POINT**  
**PLUMBING**  
**LEVEL-5, PART-PLAN "B"**  
 AMESBURY, MA

Prepared for: **HATTERS POINT CAPITAL LLC.**  
 Location: **PO BOX 1044 SUDBURY, MA 01776**  
 Title: **PLUMBING LEVEL-5, PART-PLAN "B"**

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<b>Revisions</b>	
Date	<b>11.15.2015</b>
Scale	<b>AS NOTED</b>
Job No.	<b>2394</b>
Sheet No.	

**P1.5B**



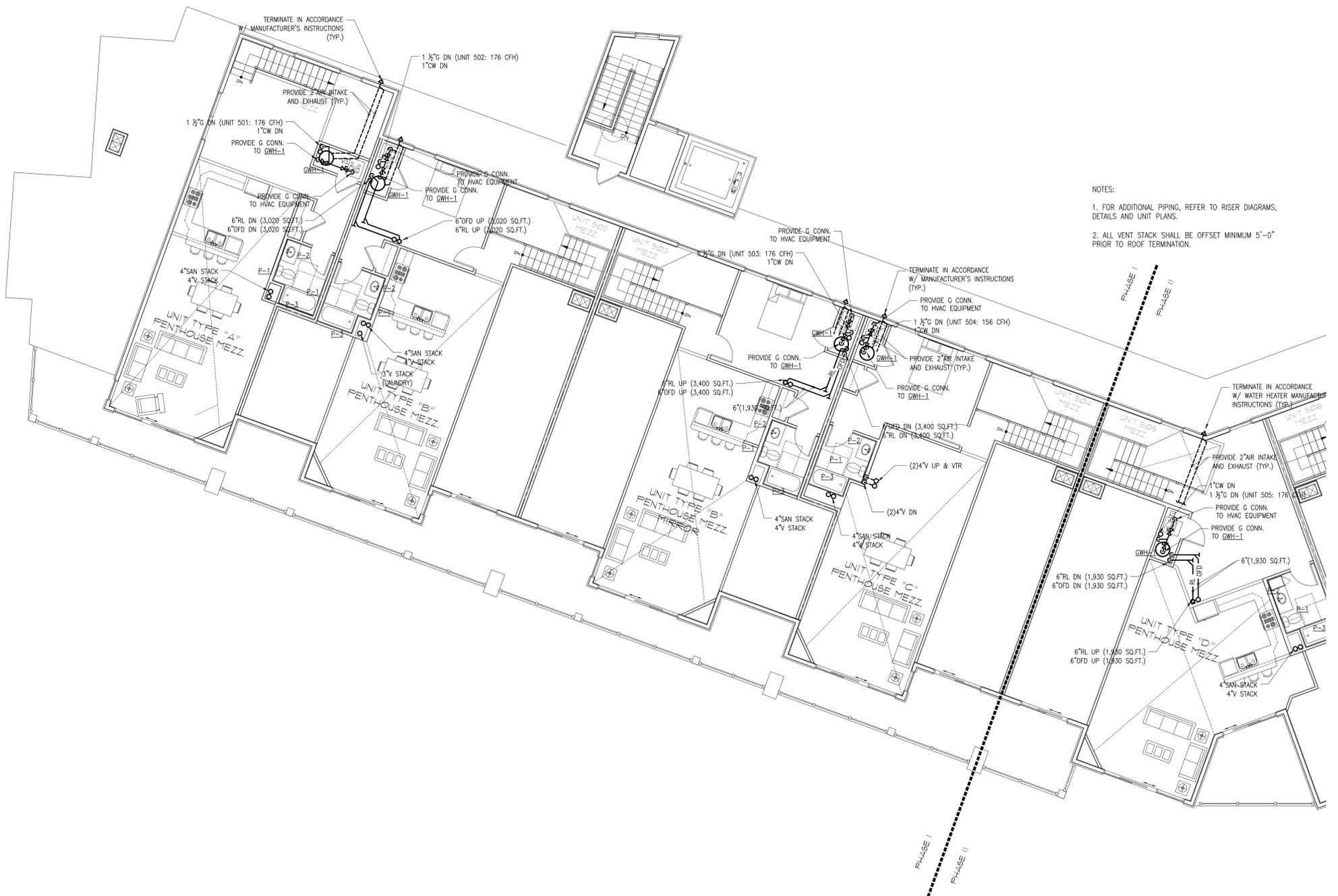
NOTES:  
 1. FOR ADDITIONAL PIPING, REFER TO RISER DIAGRAMS, DETAILS AND UNIT PLANS.

**LEVEL 5 PART PLAN "B"**  
 SCALE: 1/8"=1'-0" 1  
P1.5B



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Job No.	<b>2394</b>
Sheet No.	



NOTES:  
 1. FOR ADDITIONAL PIPING, REFER TO RISER DIAGRAMS, DETAILS AND UNIT PLANS.  
 2. ALL VENT STACK SHALL BE OFFSET MINIMUM 5'-0" PRIOR TO ROOF TERMINATION.



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 MEP:  
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**HATTERS POINT**  
**PLUMBING**  
 LEVEL-5M, PART-PLAN "B"  
 AMESBURY, MA

Prepared for: **HATTERS POINT CAPITAL LLC.**  
 Location: **PO BOX 1044 SUDBURY, MA 01776**  
 Title: **PLUMBING LEVEL-5M, PART-PLAN "B"**

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Job No.	<b>2394</b>
Sheet No.	

**P1.6B**



- NOTES:
1. FOR ADDITIONAL PIPING, REFER TO RISER DIAGRAMS, DETAILS AND UNIT PLANS.
  2. ALL VENT STACK SHALL BE OFFSET MINIMUM 5'-0" PRIOR TO ROOF TERMINATION.

**LEVEL 5M PART PLAN "B"**  
 SCALE: 1/8"=1'-0"



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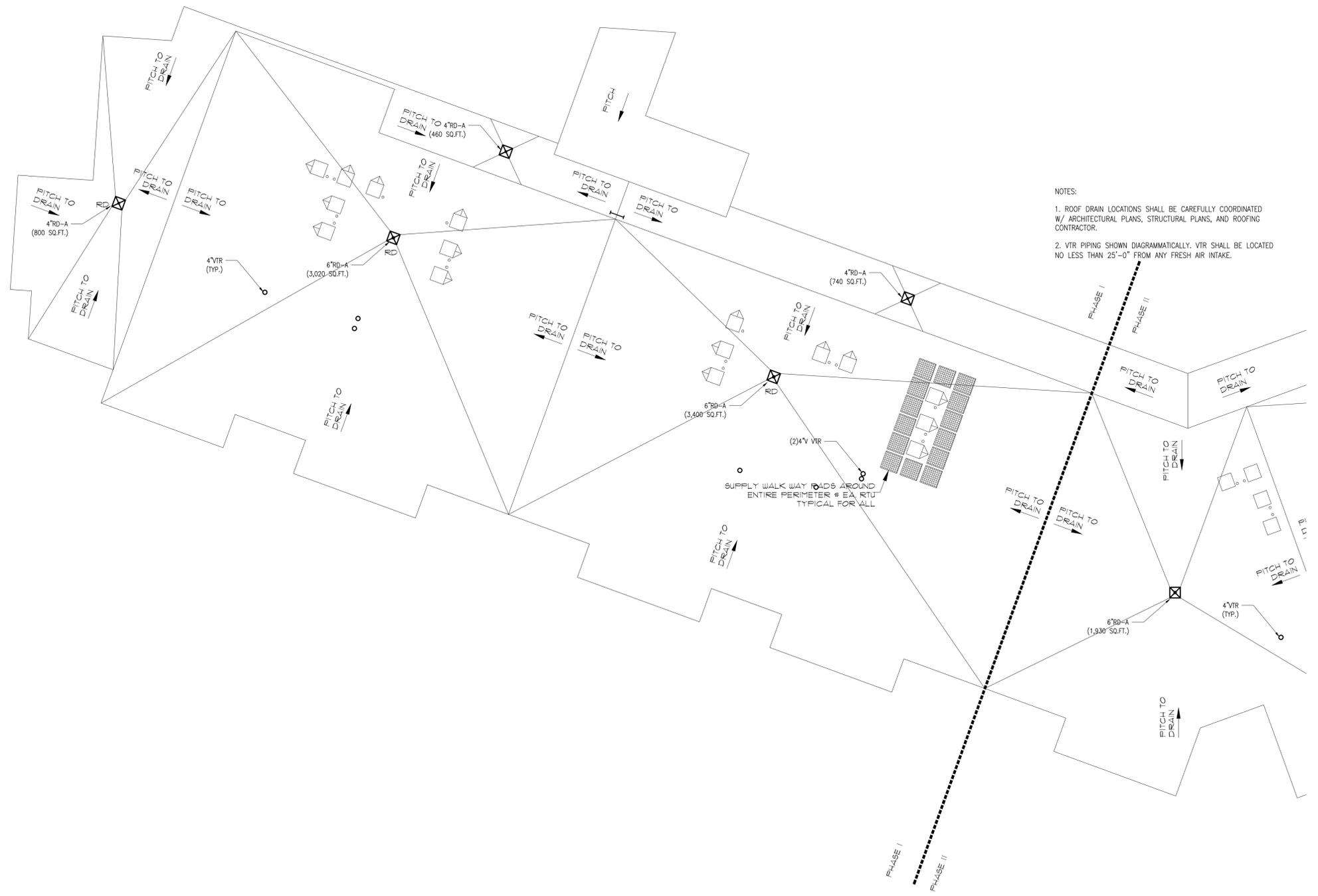
**HATTERS POINT**  
**PLUMBING**  
**ROOF, PART-PLAN "A"**  
 AMESBURY, MA

Prepared for: **HATTERS POINT CAPITAL LLC.**  
 Location: **PO BOX 1044 SUBBURY, MA 01776**  
 Title

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Sheet No.	

**ROOF PART PLAN "A"**  
 SCALE: 1/8"=1'-0" (R1.7A)



- NOTES:
1. ROOF DRAIN LOCATIONS SHALL BE CAREFULLY COORDINATED W/ ARCHITECTURAL PLANS, STRUCTURAL PLANS, AND ROOFING CONTRACTOR.
  2. VTR PIPING SHOWN DIAGRAMMATICALLY. VTR SHALL BE LOCATED NO LESS THAN 25'-0" FROM ANY FRESH AIR INTAKE.

SUPPLY WALK WAY ROADS AROUND ENTIRE PERIMETER @ EA. RTU TYPICAL FOR ALL

**P1.7A**



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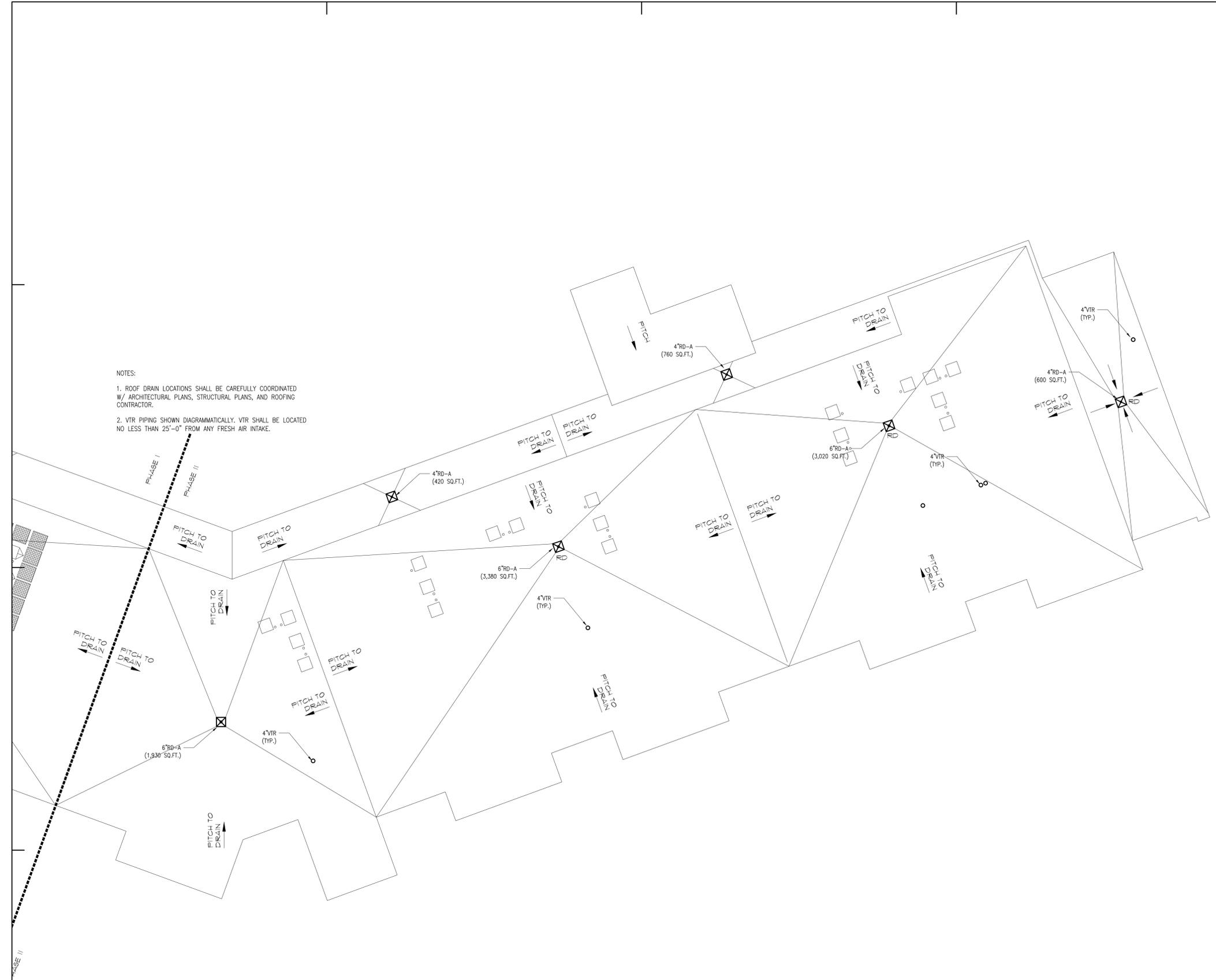
**HATTERS POINT**  
**PLUMBING**  
**ROOF, PART-PLAN "B"**  
 AMESBURY, MA

Prepared for: **HATTERS POINT CAPITAL LLC.**  
 Location: **PO BOX 1044 SUDBURY, MA 01776**  
 Title

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Sheet No.	

**P1.7B**



NOTES:  
 1. ROOF DRAIN LOCATIONS SHALL BE CAREFULLY COORDINATED W/ ARCHITECTURAL PLANS, STRUCTURAL PLANS, AND ROOFING CONTRACTOR.  
 2. VTR PIPING SHOWN DIAGRAMMATICALLY. VTR SHALL BE LOCATED NO LESS THAN 25'-0" FROM ANY FRESH AIR INTAKE.

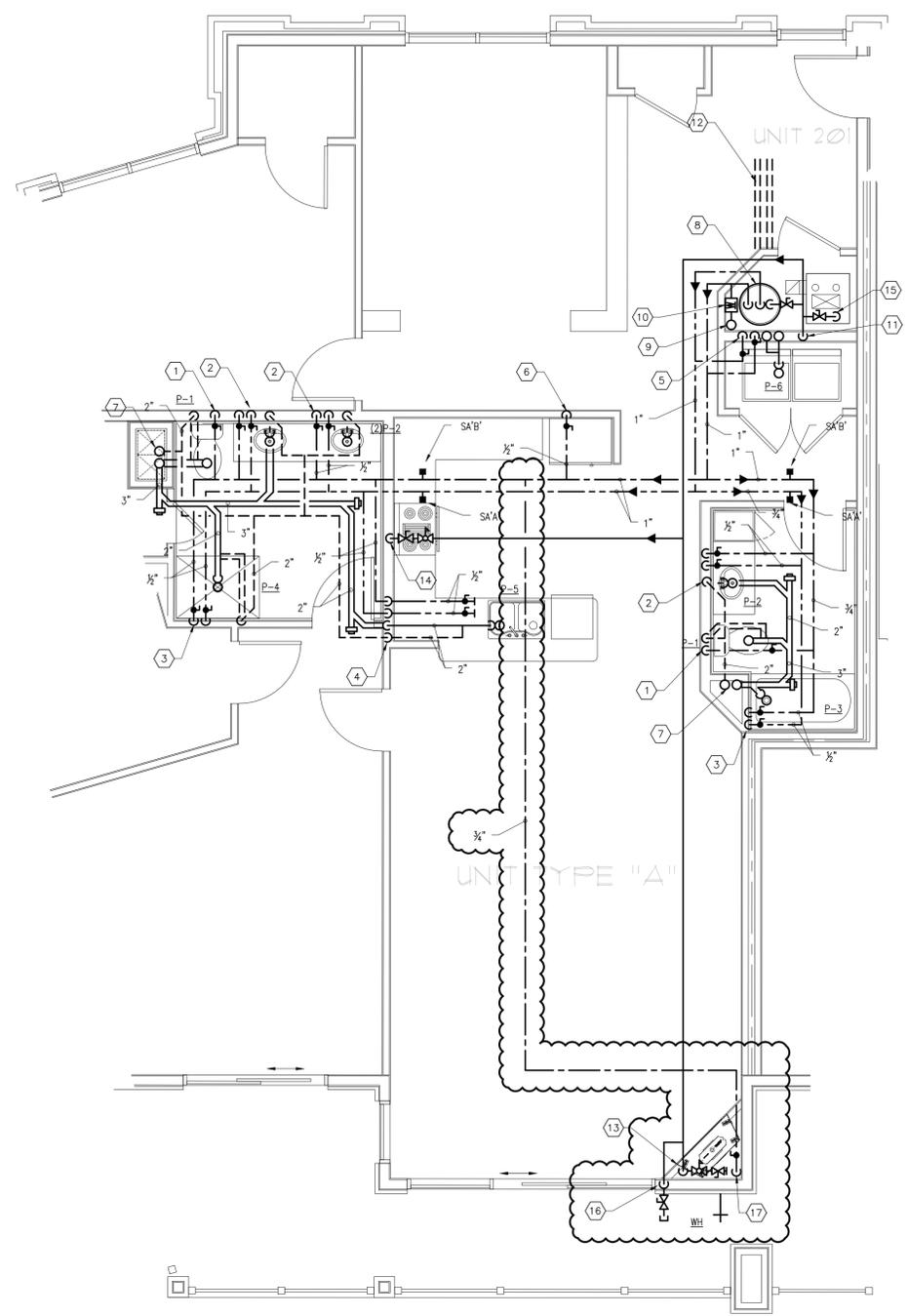
**ROOF PART PLAN "B"**  
 SCALE: 1/8"=1'-0" (1/8")



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 Scale: **AS NOTED**  
 Job No.: **2394**  
 Sheet No.:



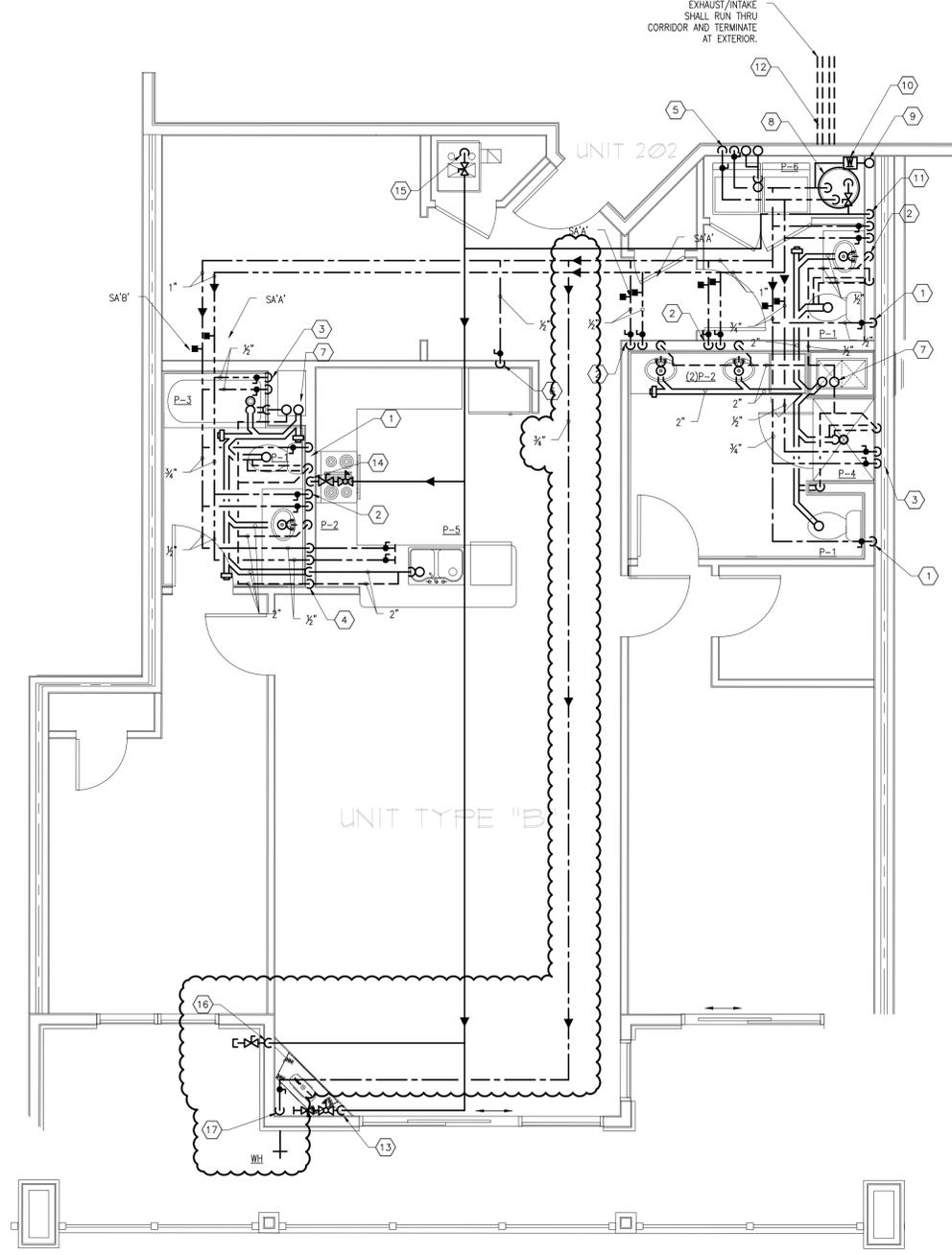
SCALE: 1/4" = 1'-0"

PLUMBING - Unit Type "A" - Part Plan (101, 201, 301, 401)

- NOTES:
1. PLUMBING CONTRACTOR SHALL USE THE TYPICAL PLANS AS A GENERAL GUIDE TO THE LOCATION OF PIPING.
  2. PLUMBING CONTRACTOR SHALL COORDINATE ALL PIPING ROUTING WITH OTHER TRADES.
  3. REFER TO FLOOR PLANS, DETAILS, SCHEDULES AND RISER DIAGRAMS FOR ADDITIONAL PIPING.
  4. PLUMBING CONTRACTOR SHALL PROVIDE BOW VENT, WHERE NOTED AND/OR REQUIRED.
  5. PIPING LOCATED BENEATH COUNTER SHALL BE RUN AS TIGHT AGAINST WALL AS POSSIBLE.
  6. ALL PIPE ROUTING SHALL BE COORDINATED WITH CEILING ELEVATIONS AND WALLS. COORDINATE CEILING HEIGHT AND CHASE LOCATIONS WITH ARCHITECTURAL PLANS.
  7. ALL UNIT BRANCH LINES SHALL TIE INTO THEIR RESPECTIVE MAINS/RISERS/STACKS.

TAG NO	DESCRIPTION
1	1/2" CW, 3" SAN, 2" V (P-1)
2	1/2" CW, 1/2" HW, 2" SAN & 2" V (P-2)
3	1/2" CW, 1/2" HW, 2" SAN & 2" V (P-3, P-4)
4	1/2" CW, 3/4" HW, 2" SAN & 2" V (P-5) PROVIDE 1/2" HW FOR DISHWASHER. PROVIDE 1/2" CW FOR REFRIGERATOR WHERE NOTED.
5	1/2" CW, 1/2" HW, 2" SAN & 2" V, SAN STACK & VENT STACK (P-6)
6	PROVIDE 1/2" CW FOR REFRIGERATOR. PROVIDE IN-LINE WATER FILTER ASSEMBLY AND BACK FLOW PREVENTER (REFER TO DETAIL #14 ON SHEET P-0.05)
7	SAN STACK, V STACK
8	1" CW, 1" HW, G CONN CONNECTIONS TO WATER HEATER GWH-1
9	CW RISER
10	WATER METER
11	G RISER
12	GWH FLUE EXHAUST AND AIR INTAKE VENT PIPING.
13	PROVIDE G TO FIRE PLACE. PROVIDE SHUT-OFF VALVE AND PRESSURE-REGULATING VALVE SET TO FIRE PLACE MANUFACTURER'S RECOMMENDATIONS/INSTRUCTIONS.
14	PROVIDE G TO FUTURE GAS RANGE. PROVIDE SHUT-OFF VALVE AND PRESSURE-REGULATING VALVE. CAP PIPING IN WALL AND PROVIDE ACCESS PANEL.
15	PROVIDE G TO HVAC EQUIPMENT.
16	PROVIDE G TO FUTURE GAS BBQ APPLIANCE. PROVIDE SHUT-OFF VALVE AND PRESSURE-REGULATING VALVE. CAP PIPING IN WALL AND PROVIDE ACCESS PANEL.
17	3/4" CW DROP. PROVIDE WALL HYDRANT EQUAL TO WOODFORD MODEL 25. PROVIDE INSULATION ON PIPING DROP.

PLUMBING CONTRACTOR SHALL VERIFY THE ACCURACY OF EXISTING CONDITIONS AND PROVIDE ACCORDINGLY. PIPING SHOWN DROPPING IN WALLS SHALL RUN UNDER COUNTER, WITHIN WALLS, OR AT CEILING BELOW TO FIXTURE(S). UTILITY PIPING CONNECTION TO FIXTURE/EQUIPMENT SHALL BE MADE IN ACCORDANCE WITH FIXTURE/EQUIPMENT MANUFACTURER'S RECOMMENDATIONS.



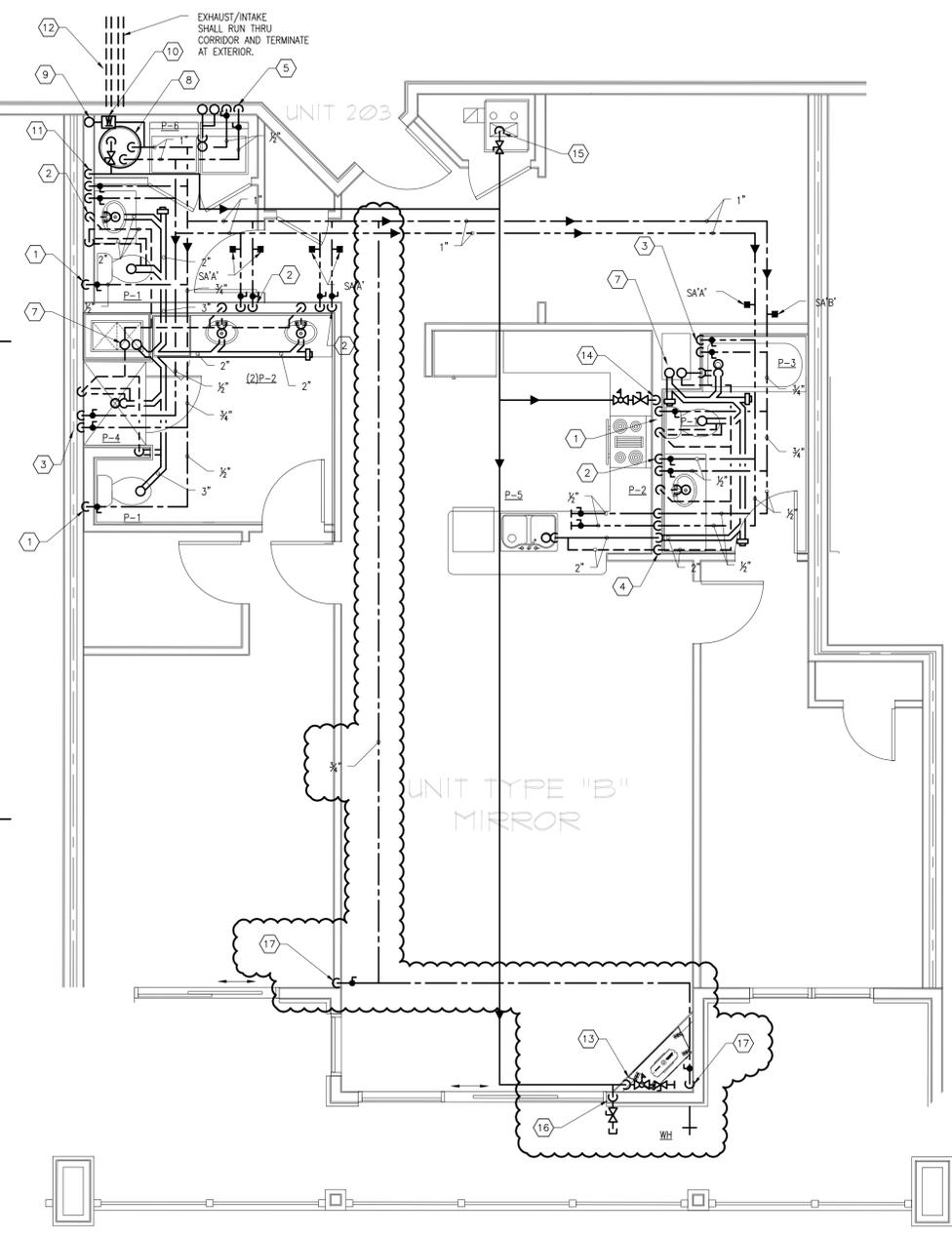
SCALE: 1/4" = 1'-0"

PLUMBING - Unit Type "B" - Part Plan (102, 202, 302, 402)



Mark	Date	Revisions
1	11.15.2015	Revision #3 - 01.15.16
2	AS NOTED	ICC Review Comments
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		Design Development Set

Date: **11.15.2015**  
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 Job No.: **2394**  
 Sheet No.:

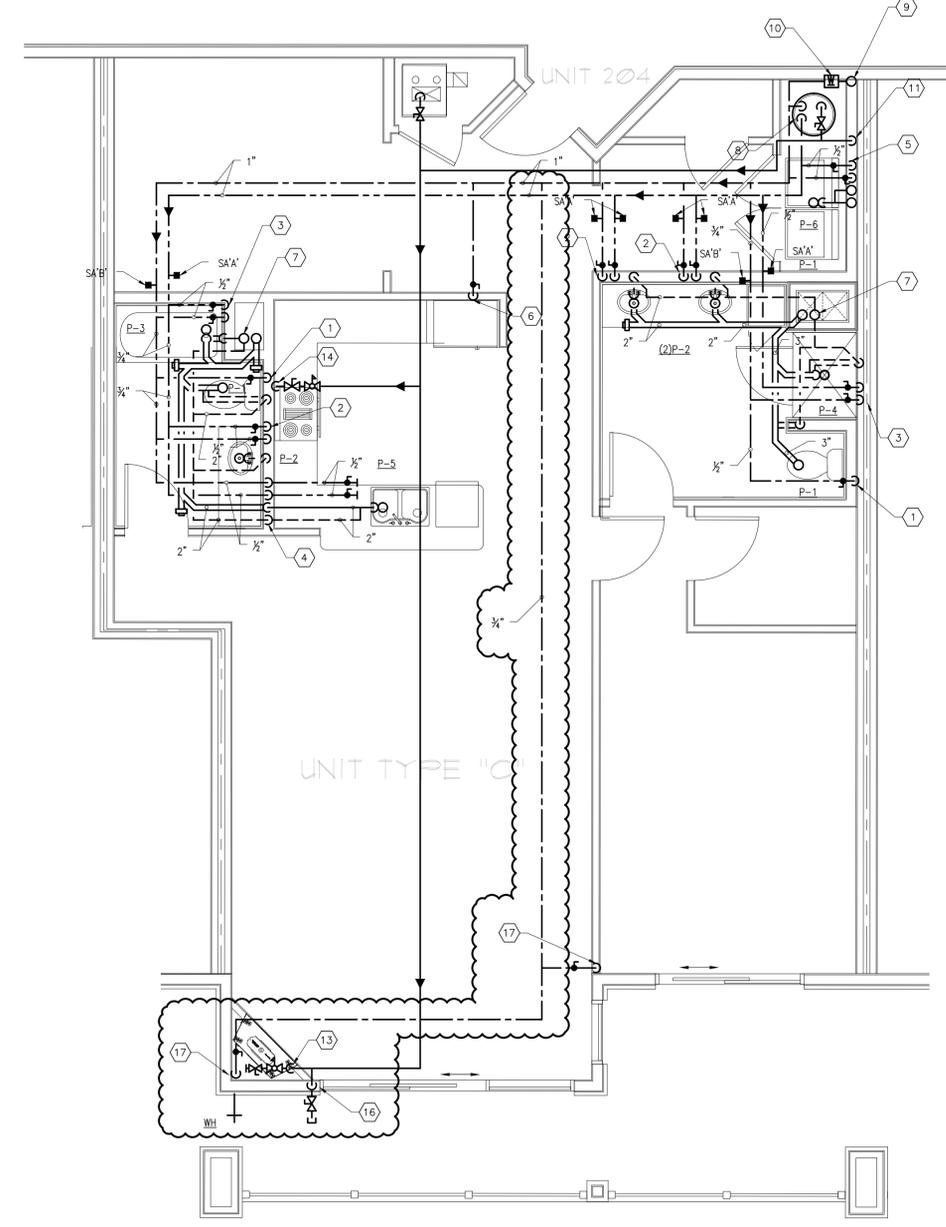


**PLUMBING - Unit Type "B" Mirror - Part Plan (103, 203, 303, 403)**  
 SCALE: 1/4" = 1'-0"

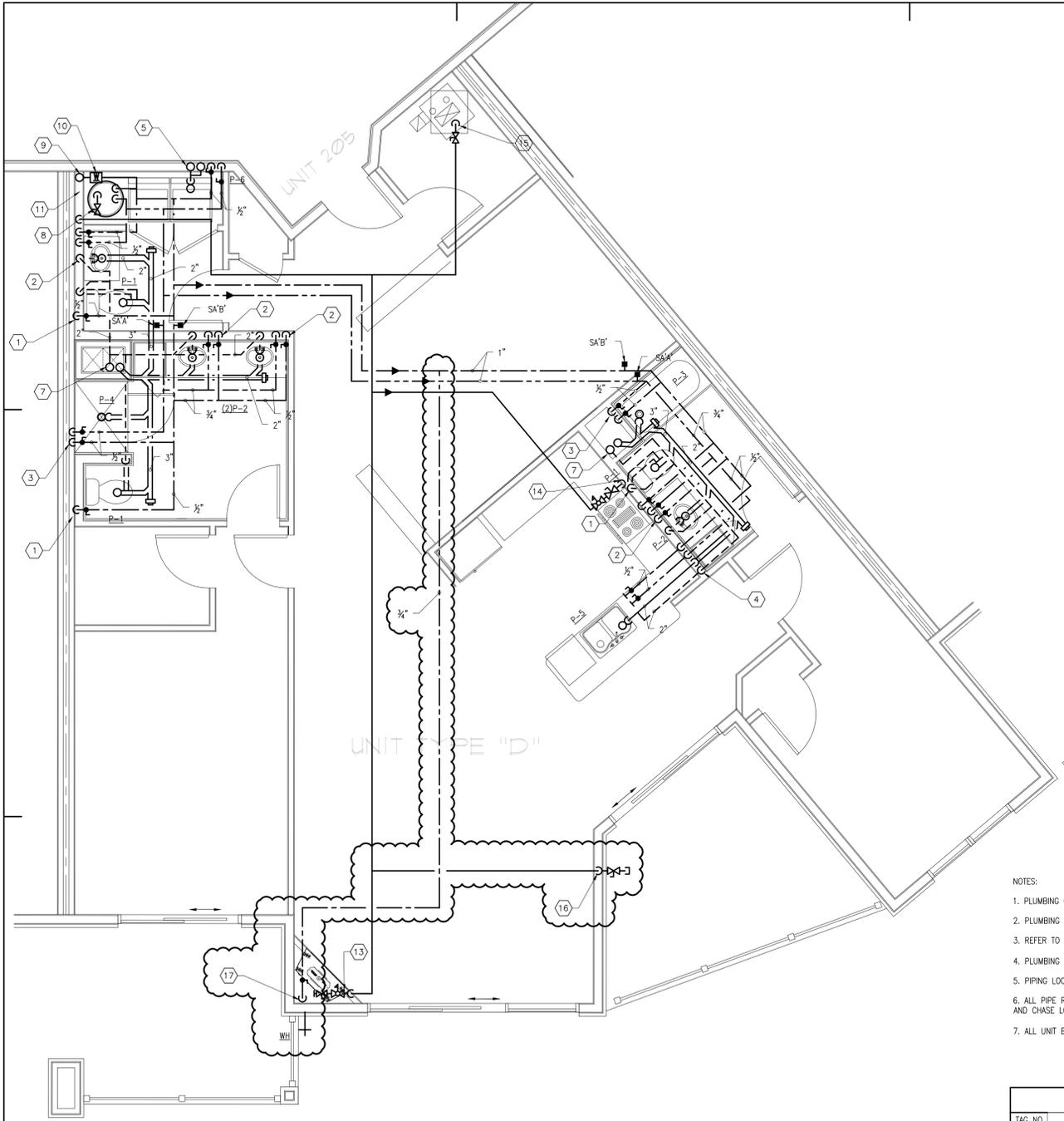
- NOTES:
1. PLUMBING CONTRACTOR SHALL USE THE TYPICAL PLANS AS A GENERAL GUIDE TO THE LOCATION OF PIPING.
  2. PLUMBING CONTRACTOR SHALL COORDINATE ALL PIPING ROUTING WITH OTHER TRADES.
  3. REFER TO FLOOR PLANS, DETAILS, SCHEDULES AND RISER DIAGRAMS FOR ADDITIONAL PIPING.
  4. PLUMBING CONTRACTOR SHALL PROVIDE BOW VENT, WHERE NOTED AND/OR REQUIRED.
  5. PIPING LOCATED BENEATH COUNTER SHALL BE RUN AS TIGHT AGAINST WALL AS POSSIBLE.
  6. ALL PIPE ROUTING SHALL BE COORDINATED WITH CEILING ELEVATIONS AND WALLS. COORDINATE CEILING HEIGHT AND CHASE LOCATIONS WITH ARCHITECTURAL PLANS.
  7. ALL UNIT BRANCH LINES SHALL TIE INTO THEIR RESPECTIVE MAINS/RISERS/STACKS.

DRAWING KEYNOTES	
TAG NO.	DESCRIPTION
1	1/2" CW, 3" SAN, 2" V (P-1)
2	1/2" CW, 1/2" HW, 2" SAN & 2" V (P-2)
3	1/2" CW, 1/2" HW, 2" SAN & 2" V (P-3, P-4)
4	1/2" CW, 3/4" HW, 2" SAN & 2" V (P-5) PROVIDE 1/2" HW FOR DISHWASHER. PROVIDE 1/2" CW FOR REFRIGERATOR WHERE NOTED.
5	1/2" CW, 1/2" HW, 2" SAN & 2" V, SAN STACK & VENT STACK (P-6)
6	PROVIDE 1/2" CW FOR REFRIGERATOR. PROVIDE IN-LINE WATER FILTER ASSEMBLY AND BACK FLOW PREVENTER (REFER TO DETAIL #14 ON SHEET P0.05)
7	SAN STACK, V STACK
8	1" CW, 1" HW, G CONN CONNECTIONS TO WATER HEATER GWH-1
9	CW RISER
10	WATER METER
11	G RISER
12	GWH FLUE EXHAUST AND AIR INTAKE VENT PIPING.
13	PROVIDE G TO FIRE PLACE. PROVIDE SHUT-OFF VALVE AND PRESSURE-REGULATING VALVE SET TO FIRE PLACE MANUFACTURER'S RECOMMENDATIONS/INSTRUCTIONS.
14	PROVIDE G TO FUTURE GAS RANGE. PROVIDE SHUT-OFF VALVE AND PRESSURE-REGULATING VALVE. CAP PIPING IN WALL AND PROVIDE ACCESS PANEL.
15	PROVIDE G TO HVAC EQUIPMENT.
16	PROVIDE G TO FUTURE GAS BBQ APPLIANCE. PROVIDE SHUT-OFF VALVE AND PRESSURE-REGULATING VALVE. CAP PIPING IN WALL AND PROVIDE ACCESS PANEL.
17	3/4" CW DROP. PROVIDE WALL HYDRANT EQUAL TO WOODFORD MODEL 25. PROVIDE INSULATION ON PIPING DROP.

ACCORDINGLY, PIPING SHOWN DROPPING IN WALLS SHALL RUN UNDER COUNTER, WITHIN WALLS, OR AT CEILING BELOW TO FIXTURE(S). UTILITY PIPING CONNECTION TO FIXTURE/EQUIPMENT SHALL BE MADE IN ACCORDANCE WITH FIXTURE/EQUIPMENT MANUFACTURER'S RECOMMENDATIONS.



**PLUMBING - Unit Type "C" - Part Plan (104, 204, 304, 404)**  
 SCALE: 1/4" = 1'-0"

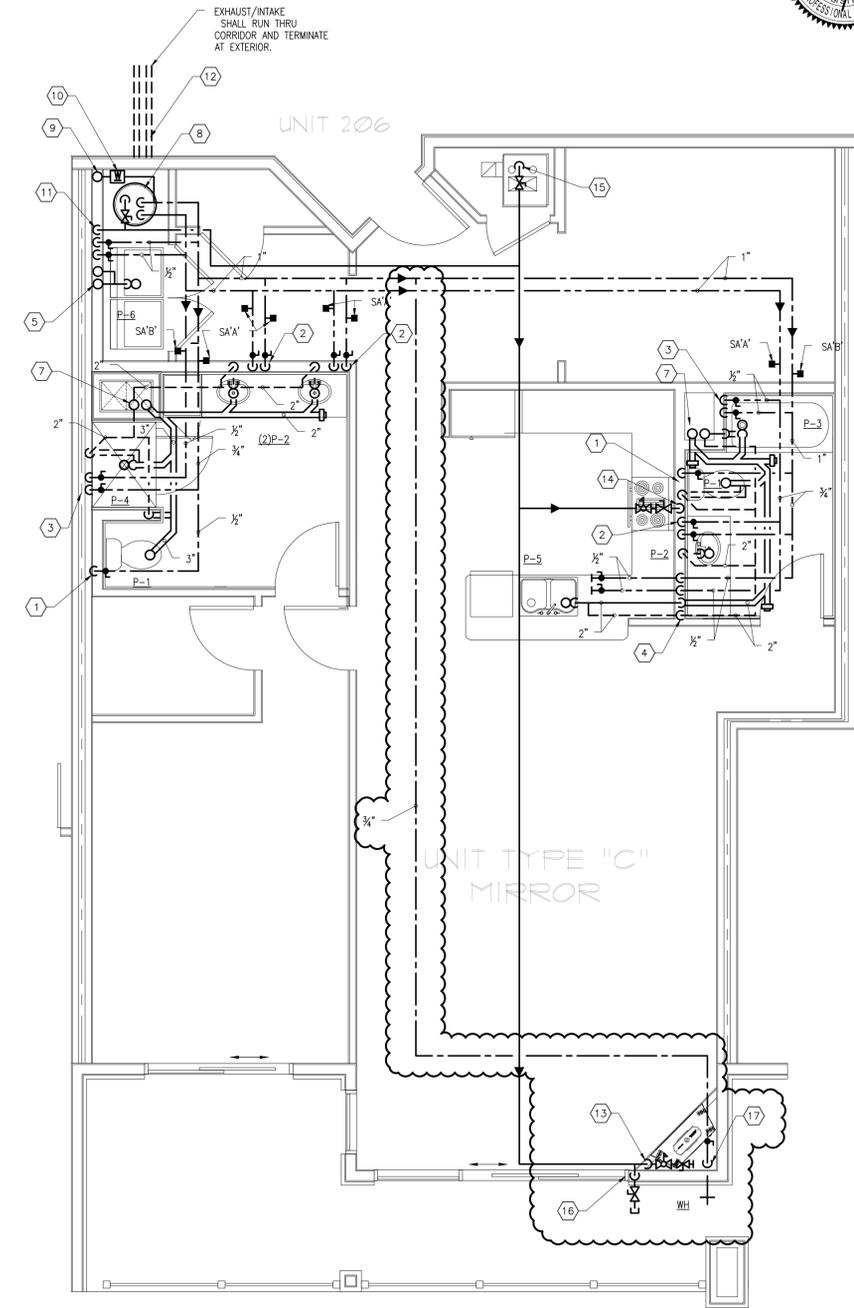


PLUMBING - Unit Type "D" Mirror - Part Plan (105, 205, 305, 405)  
SCALE: 1/4" = 1'-0"

- NOTES:
1. PLUMBING CONTRACTOR SHALL USE THE TYPICAL PLANS AS A GENERAL GUIDE TO THE LOCATION OF PIPING.
  2. PLUMBING CONTRACTOR SHALL COORDINATE ALL PIPING ROUTING WITH OTHER TRADES.
  3. REFER TO FLOOR PLANS, DETAILS, SCHEDULES AND RISER DIAGRAMS FOR ADDITIONAL PIPING.
  4. PLUMBING CONTRACTOR SHALL PROVIDE BOW VENT, WHERE NOTED AND/OR REQUIRED.
  5. PIPING LOCATED BENEATH COUNTER SHALL BE RUN AS TIGHT AGAINST WALL AS POSSIBLE.
  6. ALL PIPE ROUTING SHALL BE COORDINATED WITH CEILING ELEVATIONS AND WALLS. COORDINATE CEILING HEIGHT AND CHASE LOCATIONS WITH ARCHITECTURAL PLANS.
  7. ALL UNIT BRANCH LINES SHALL TIE INTO THEIR RESPECTIVE MANS/RISERS/STACKS.

TAG NO	DESCRIPTION
1	1/2" CW, 3" SAN, 2" V (P-1)
2	1/2" CW, 1/2" HW, 2" SAN & 2" V (P-2)
3	1/2" CW, 1/2" HW, 2" SAN & 2" V (P-3, P-4)
4	1/2" CW, 3/4" HW, 2" SAN & 2" V (P-5) PROVIDE 1/2" HW FOR DISHWASHER. PROVIDE 1/2" CW FOR REFRIGERATOR WHERE NOTED.
5	1/2" CW, 1/2" HW, 2" SAN & 2" V, SAN STACK & VENT STACK (P-6)
6	PROVIDE 1/2" CW FOR REFRIGERATOR. PROVIDE IN-LINE WATER FILTER ASSEMBLY AND BACK FLOW PREVENTER (REFER TO DETAIL #14 ON SHEET P0.05)
7	SAN STACK, V STACK
8	1" CW, 1" HW, G CONN CONNECTIONS TO WATER HEATER GWH-1
9	CW RISER
10	WATER METER
11	G RISER
12	GWH FLUE EXHAUST AND AIR INTAKE VENT PIPING.
13	PROVIDE G TO FIRE PLACE. PROVIDE SHUT-OFF VALVE AND PRESSURE-REGULATING VALVE SET TO FIRE PLACE MANUFACTURER'S RECOMMENDATIONS/INSTRUCTIONS.
14	PROVIDE G TO FUTURE GAS RANGE. PROVIDE SHUT-OFF VALVE AND PRESSURE-REGULATING VALVE. CAP PIPING IN WALL AND PROVIDE ACCESS PANEL.
15	PROVIDE G TO HVAC EQUIPMENT.
16	PROVIDE G TO FUTURE GAS BBQ APPLIANCE. PROVIDE SHUT-OFF VALVE AND PRESSURE-REGULATING VALVE. CAP PIPING IN WALL AND PROVIDE ACCESS PANEL.
17	3/4" CW DROP. PROVIDE WALL HYDRANT EQUAL TO WOODFORD MODEL 25. PROVIDE INSULATION ON PIPING DROP.

NOTES: PLUMBING CONTRACTOR SHALL VERIFY THE REQUIREMENTS FOR EACH TRADES PARTMENT ON THE DRAWING. ACCORDINGLY, PIPING SHOWN DROPPING IN WALLS SHALL RUN UNDER COUNTER, WITHIN WALLS, OR AT CEILING BELOW TO FIXTURE(S). UTILITY PIPING CONNECTION TO FIXTURE/EQUIPMENT SHALL BE MADE IN ACCORDANCE WITH FIXTURE/EQUIPMENT MANUFACTURER'S RECOMMENDATIONS.



PLUMBING - Unit Type "C" Mirror - Part Plan (106, 206, 306, 406)  
SCALE: 1/4" = 1'-0"

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HATTERS  
POINT  
PLUMBING  
PART PLANS  
AMESBURY, MA

Prepared for: HATTERS POINT CAPITAL LLC.  
Location: PO BOX 1044 SUBSBURY, MA 01776  
Title: PLUMBING PART PLANS

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

Revisions

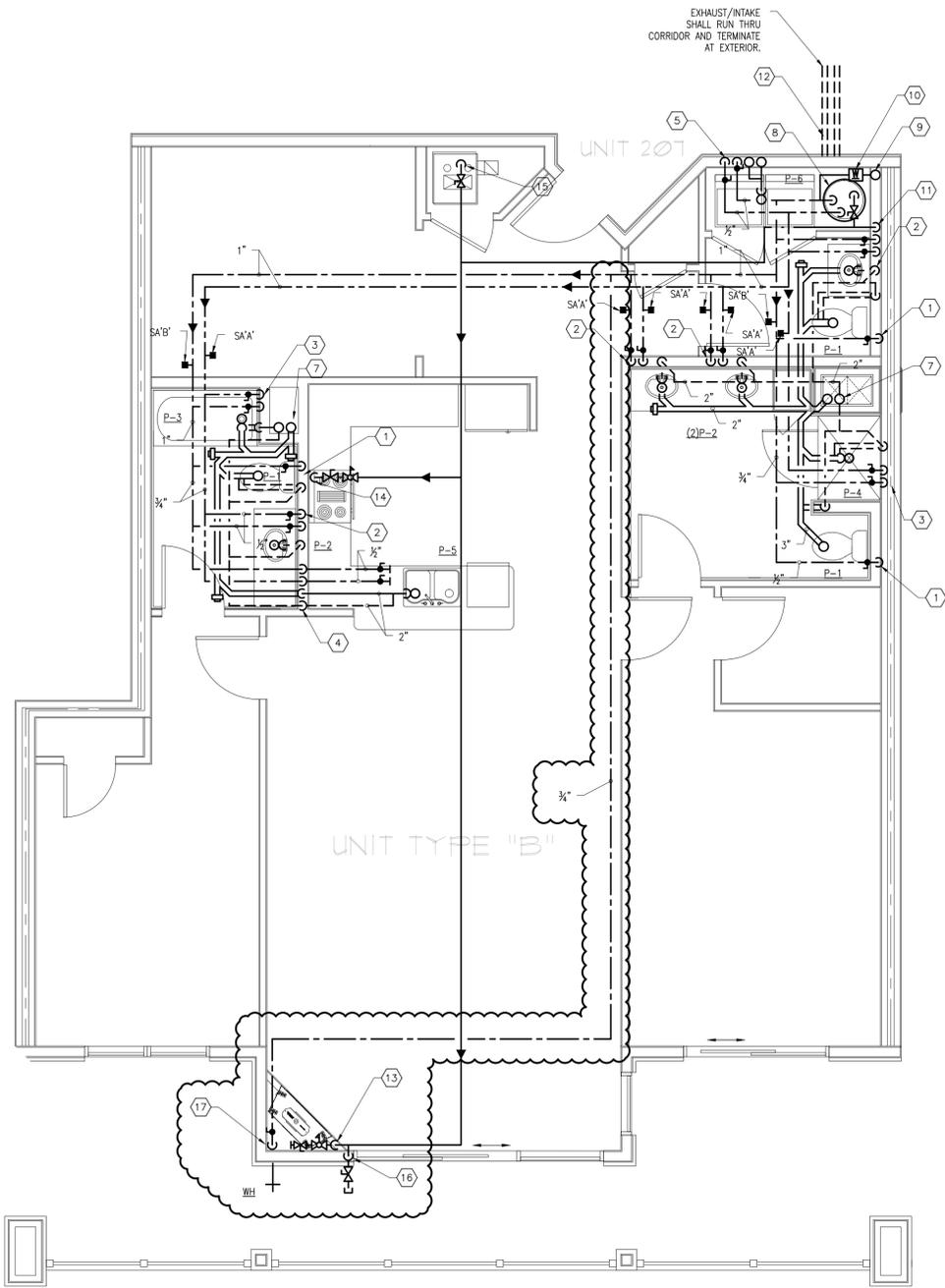
Date: 11.15.2015

Scale: AS NOTED

Proj. No.: 2394

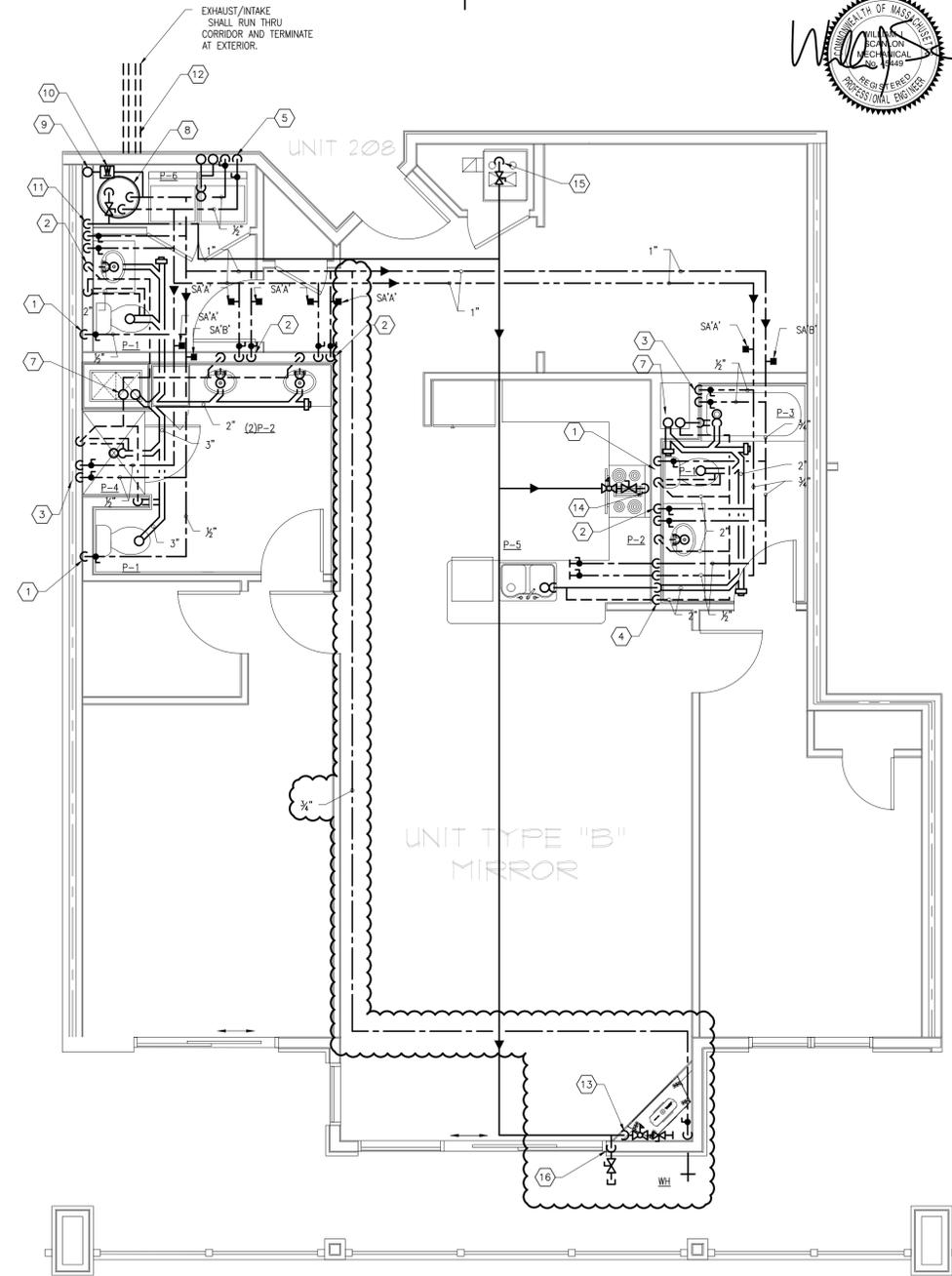
Sheet No.:

P2.2



SCALE: 1/4" = 1'-0"

PLUMBING - Unit Type "B" - Part Plan (107, 207, 307, 407)



PLUMBING - Unit Type "B" Mirror - Part Plan (108, 208, 308, 408)

SCALE: 1/4" = 1'-0"

- NOTES:
1. PLUMBING CONTRACTOR SHALL USE THE TYPICAL PLANS AS A GENERAL GUIDE TO THE LOCATION OF PIPING.
  2. PLUMBING CONTRACTOR SHALL COORDINATE ALL PIPING ROUTING WITH OTHER TRADES.
  3. REFER TO FLOOR PLANS, DETAILS, SCHEDULES AND RISER DIAGRAMS FOR ADDITIONAL PIPING.
  4. PLUMBING CONTRACTOR SHALL PROVIDE BOW VENT, WHERE NOTED AND/OR REQUIRED.
  5. PIPING LOCATED BENEATH COUNTER SHALL BE RUN AS TIGHT AGAINST WALL AS POSSIBLE.
  6. ALL PIPE ROUTING SHALL BE COORDINATED WITH CEILING ELEVATIONS AND WALLS. COORDINATE CEILING HEIGHT AND CHASE LOCATIONS WITH ARCHITECTURAL PLANS.
  7. ALL UNIT BRANCH LINES SHALL TIE INTO THEIR RESPECTIVE MAINS/RISERS/STACKS.

TAG NO	DESCRIPTION
1	1/2" CW, 3" SAN, 2" V (P-1)
2	1/2" CW, 1/2" HW, 2" SAN & 2" V (P-2)
3	1/2" CW, 1/2" HW, 2" SAN & 2" V (P-3, P-4)
4	1/2" CW, 3/4" HW, 2" SAN & 2" V (P-5) PROVIDE 1/2" HW FOR DISHWASHER. PROVIDE 1/2" CW FOR REFRIGERATOR WHERE NOTED.
5	1/2" CW, 1/2" HW, 2" SAN & 2" V, SAN STACK & VENT STACK (P-6)
6	PROVIDE 1/2" CW FOR REFRIGERATOR. PROVIDE IN-LINE WATER FILTER ASSEMBLY AND BACK FLOW PREVENTER (REFER TO DETAIL #14 ON SHEET P0.05)
7	SAN STACK, V STACK
8	1" CW, 1" HW, G COIN CONNECTIONS TO WATER HEATER GWH-1
9	CW RISER
10	WATER METER
11	G RISER
12	GWH FLUE EXHAUST AND AIR INTAKE VENT PIPING.
13	PROVIDE G TO FIRE PLACE. PROVIDE SHUT-OFF VALVE AND PRESSURE-REGULATING VALVE SET TO FIRE PLACE MANUFACTURER'S RECOMMENDATIONS/INSTRUCTIONS.
14	PROVIDE G TO FUTURE GAS RANGE. PROVIDE SHUT-OFF VALVE AND PRESSURE-REGULATING VALVE. CAP PIPING IN WALL AND PROVIDE ACCESS PANEL.
15	PROVIDE G TO HVAC EQUIPMENT.
16	PROVIDE G TO FUTURE GAS BBQ APPLIANCE. PROVIDE SHUT-OFF VALVE AND PRESSURE-REGULATING VALVE. CAP PIPING IN WALL AND PROVIDE ACCESS PANEL.
17	3/4" CW DROP. PROVIDE WALL HYDRANT EQUAL TO WOODFORD MODEL 25. PROVIDE INSULATION ON PIPING DROP.

ALL PLUMBING SHALL BE INSTALLED IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE MANUFACTURER'S RECOMMENDATIONS/INSTRUCTIONS. ACCORDINGLY, PIPING SHOWN DROPPING IN WALLS SHALL RUN UNDER COUNTER, WITHIN WALLS, OR AT CEILING BELOW TO FIXTURE(S). UTILITY PIPING CONNECTION TO FIXTURE/EQUIPMENT SHALL BE MADE IN ACCORDANCE WITH FIXTURE/EQUIPMENT MANUFACTURER'S RECOMMENDATIONS.



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 MERIDIAN ASSOCIATES INC.  
 MEP:  
 BLW ENGINEERS INC.

**HATTERS POINT**  
**PLUMBING**  
 PART PLANS  
 AMESBURY, MA

Prepared for: **HATTERS POINT CAPITAL LLC.**  
 Location: **PO BOX 1044 SUDBURY, MA 01776**  
 Title:

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Rev	Date	Description
1	11.15.2015	Revision #3 - 01.15.16
2		ICC Review Comments
		Permit Set
		CD Pricing Set
		Construction Docs Progress
		Design Development Set

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

**Revisions**  
 Date: **11.15.2015**  
 Scale: **AS NOTED**  
 Job No.: **2394**  
 Sheet No.:

**P2.3**



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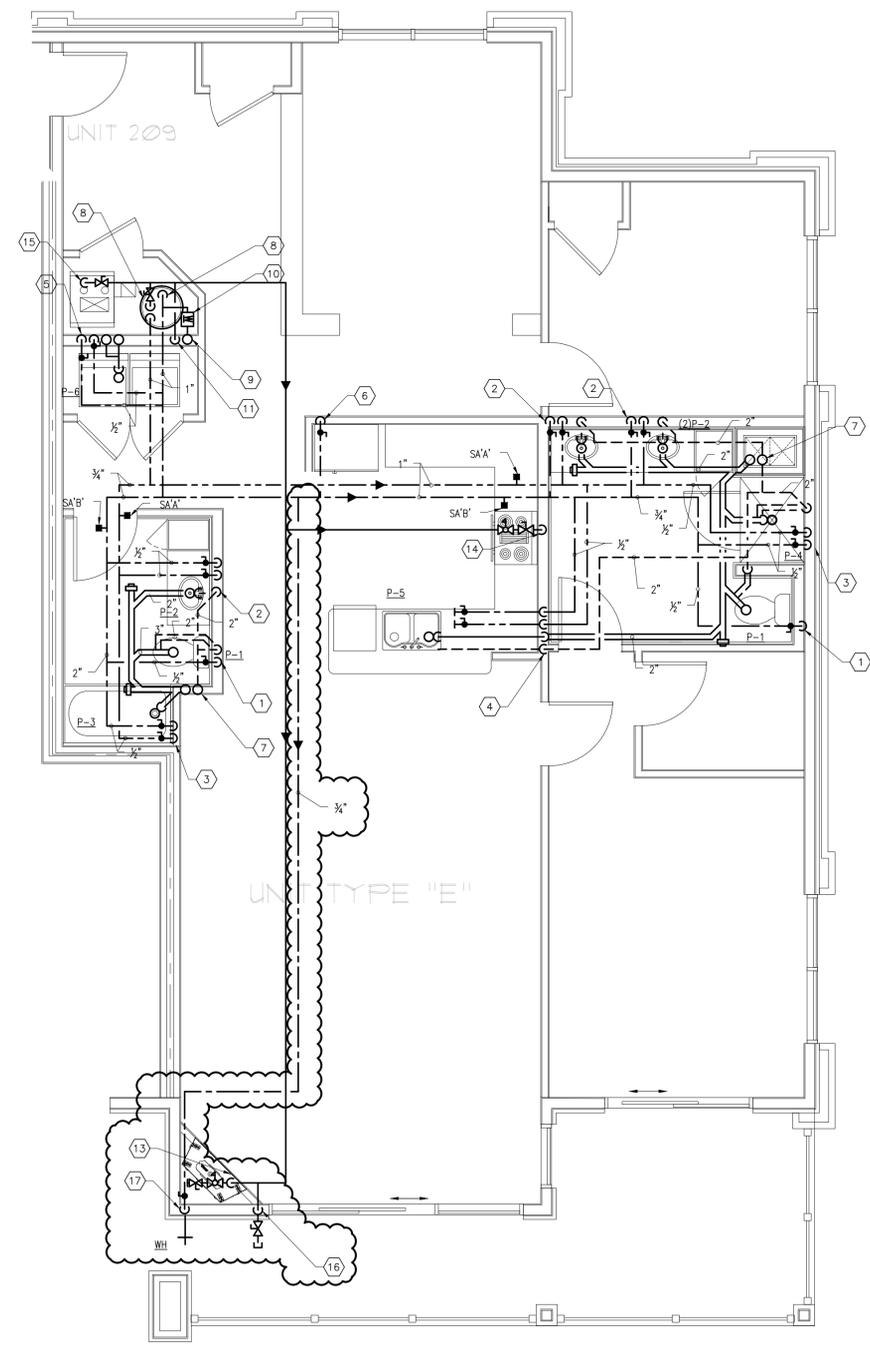
**HATTERS POINT**  
**PLUMBING**  
 PART PLANS  
 AMESBURY, MA

Prepared for: **HATTERS POINT CAPITAL LLC.**  
 Location: **PO BOX 1044 SUDBURY, MA 01776**  
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ADDITIONAL INFORMATION:  
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Mark	Date
1	Revision #3 - 01.13.16
2	ICC Review Comments
3	Permit Set
4	CD Pricing Set
5	Construction Docs Progress
6	Design Development Set

Revisions  
 Date: **11.15.2015**  
 Scale: **AS NOTED**  
 Job No.: **2394**  
 Sheet No.:



PLUMBING - Unit Type "E" - Part Plan (109, 209, 309, 409)  
 SCALE: 1/4" = 1'-0"

NOTES:

1. PLUMBING CONTRACTOR SHALL USE THE TYPICAL PLANS AS A GENERAL GUIDE TO THE LOCATION OF PIPING.
2. PLUMBING CONTRACTOR SHALL COORDINATE ALL PIPING ROUTING WITH OTHER TRADES.
3. REFER TO FLOOR PLANS, DETAILS, SCHEDULES AND RISER DIAGRAMS FOR ADDITIONAL PIPING.
4. PLUMBING CONTRACTOR SHALL PROVIDE BOW VENT, WHERE NOTED AND/OR REQUIRED.
5. PIPING LOCATED BENEATH COUNTER SHALL BE RUN AS TIGHT AGAINST WALL AS POSSIBLE.
6. ALL PIPE ROUTING SHALL BE COORDINATED WITH CEILING ELEVATIONS AND WALLS. COORDINATE CEILING HEIGHT AND CHASE LOCATIONS WITH ARCHITECTURAL PLANS.
7. ALL UNIT BRANCH LINES SHALL TIE INTO THEIR RESPECTIVE MANS/RISERS/STACKS.

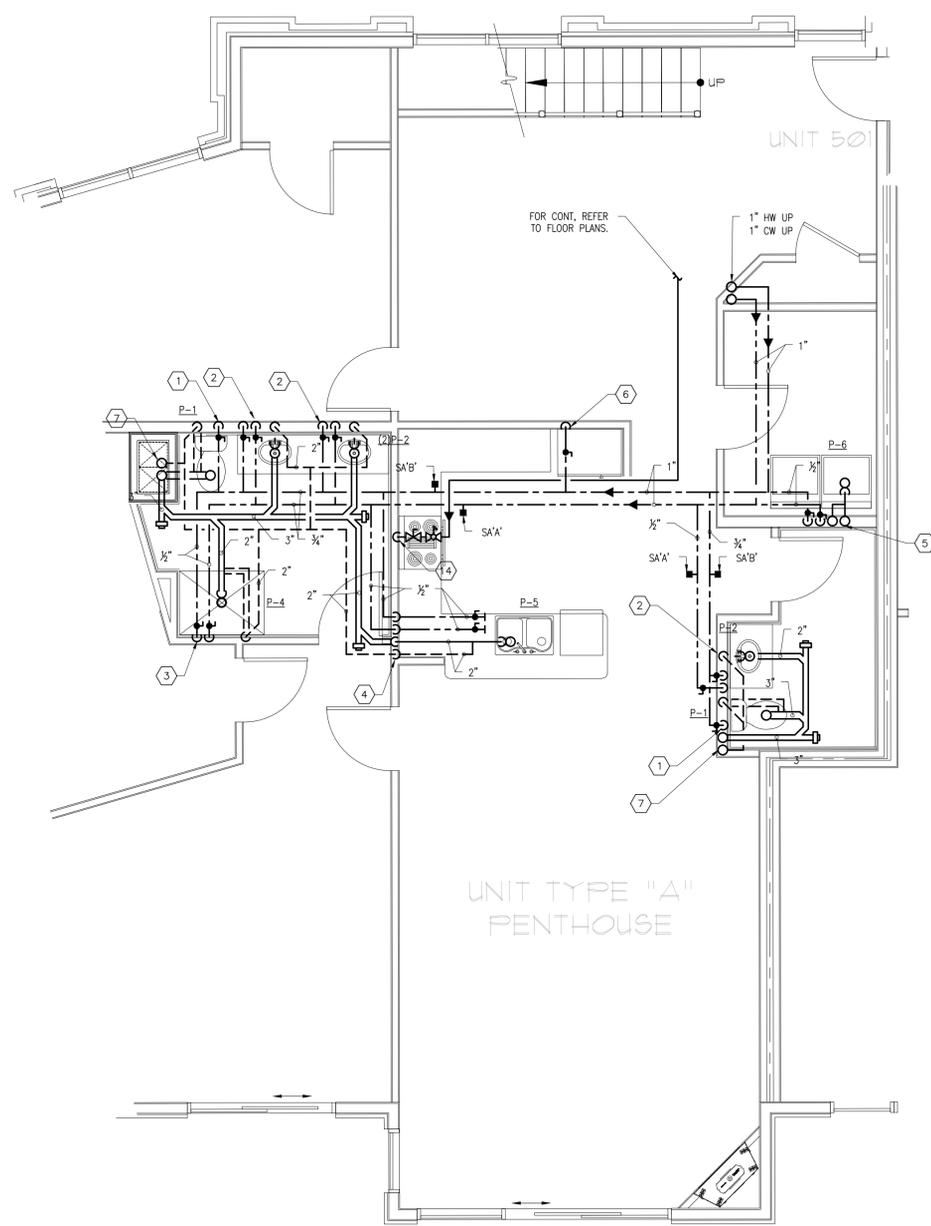
DRAWING KEYNOTES	
TAG NO	DESCRIPTION
1	1/2" CW, 3" SAN, 2" V (P-1)
2	1/2" CW, 1/2" HW, 2" SAN & 2" V (P-2)
3	1/2" CW, 1/2" HW, 2" SAN & 2" V (P-3, P-4)
4	1/2" CW, 1/2" HW, 2" SAN & 2" V (P-5) PROVIDE 1/2" HW FOR DISHWASHER. PROVIDE 1/2" CW FOR REFRIGERATOR WHERE NOTED.
5	1/2" CW, 1/2" HW, 2" SAN & 2" V, SAN STACK & VENT STACK (P-6)
6	PROVIDE 1/2" CW FOR REFRIGERATOR. PROVIDE IN-LINE WATER FILTER ASSEMBLY AND BACK FLOW PREVENTER (REFER TO DETAIL #14 ON SHEET P0.05)
7	SAN STACK, V STACK
8	1" CW, 1" HW, G CONN CONNECTIONS TO WATER HEATER GWH-1
9	CW RISER
10	WATER METER
11	G RISER
12	GWH FLUE EXHAUST AND AIR INTAKE VENT PIPING.
13	PROVIDE G TO FIRE PLACE. PROVIDE SHUT-OFF VALVE AND PRESSURE-REGULATING VALVE SET TO FIRE PLACE. MANUFACTURER'S RECOMMENDATIONS/INSTRUCTIONS.
14	PROVIDE G TO FUTURE GAS RANGE. PROVIDE SHUT-OFF VALVE AND PRESSURE-REGULATING VALVE. CAP PIPING IN WALL AND PROVIDE ACCESS PANEL.
15	PROVIDE G TO HVAC EQUIPMENT.
16	PROVIDE G TO FUTURE GAS BBQ APPLIANCE. PROVIDE SHUT-OFF VALVE AND PRESSURE-REGULATING VALVE. CAP PIPING IN WALL AND PROVIDE ACCESS PANEL.
17	1/2" CW DROP. PROVIDE WALL HYDRANT EQUAL TO WOODFORD MODEL 25. PROVIDE INSULATION ON PIPING DROP.

NOTES: PLUMBING CONTRACTOR SHALL VERIFY THE REQUIREMENTS OF EACH INDIVIDUAL APPLIANCE AND PROVIDE PIPING ACCORDINGLY. PIPING SHOWN DROPPING IN WALLS SHALL RUN UNDER COUNTER, WITHIN WALLS, OR AT CEILING BELOW TO FIXTURE(S). UTILITY PIPING CONNECTION TO FIXTURE/EQUIPMENT SHALL BE MADE IN ACCORDANCE WITH FIXTURE/EQUIPMENT MANUFACTURER'S RECOMMENDATIONS.



Mark	Date
1	Revision #3 - 01.15.16
2	ICC Review Comments
3	Permit Set
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5	Construction Docs Progress
6	Design Development Set

Revisions  
 Date: **11.15.2015**  
 Scale: **AS NOTED**  
 Job No.: **2394**  
 Sheet No.:

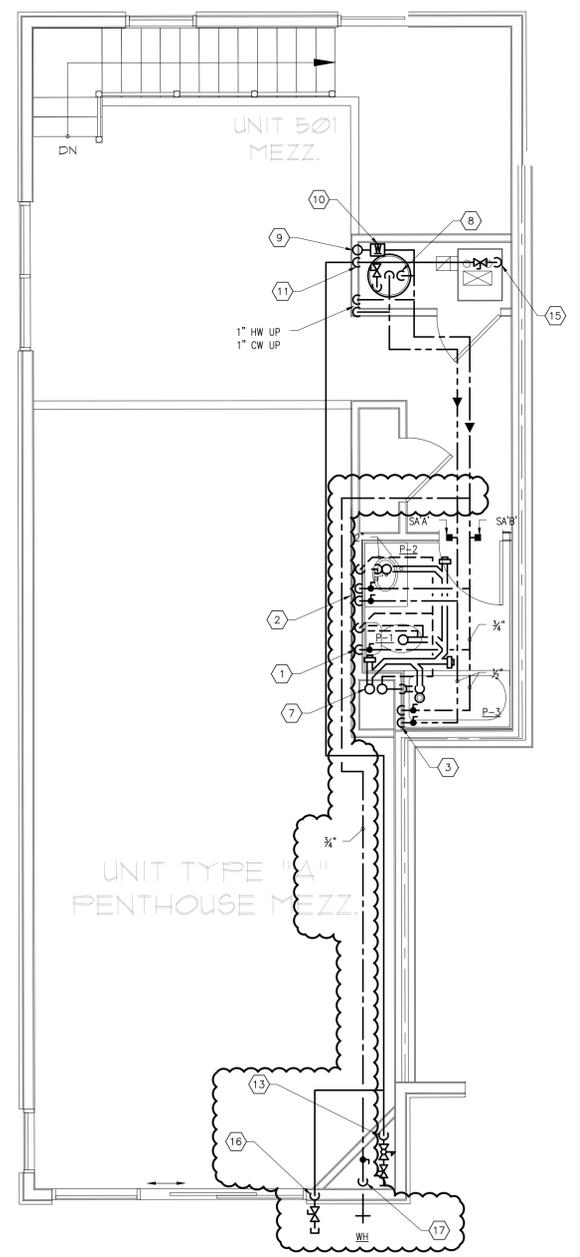


PLUMBING - Unit Type "A" - Part Plan : Level 5 - 501  
 SCALE: 1/4" = 1'-0"

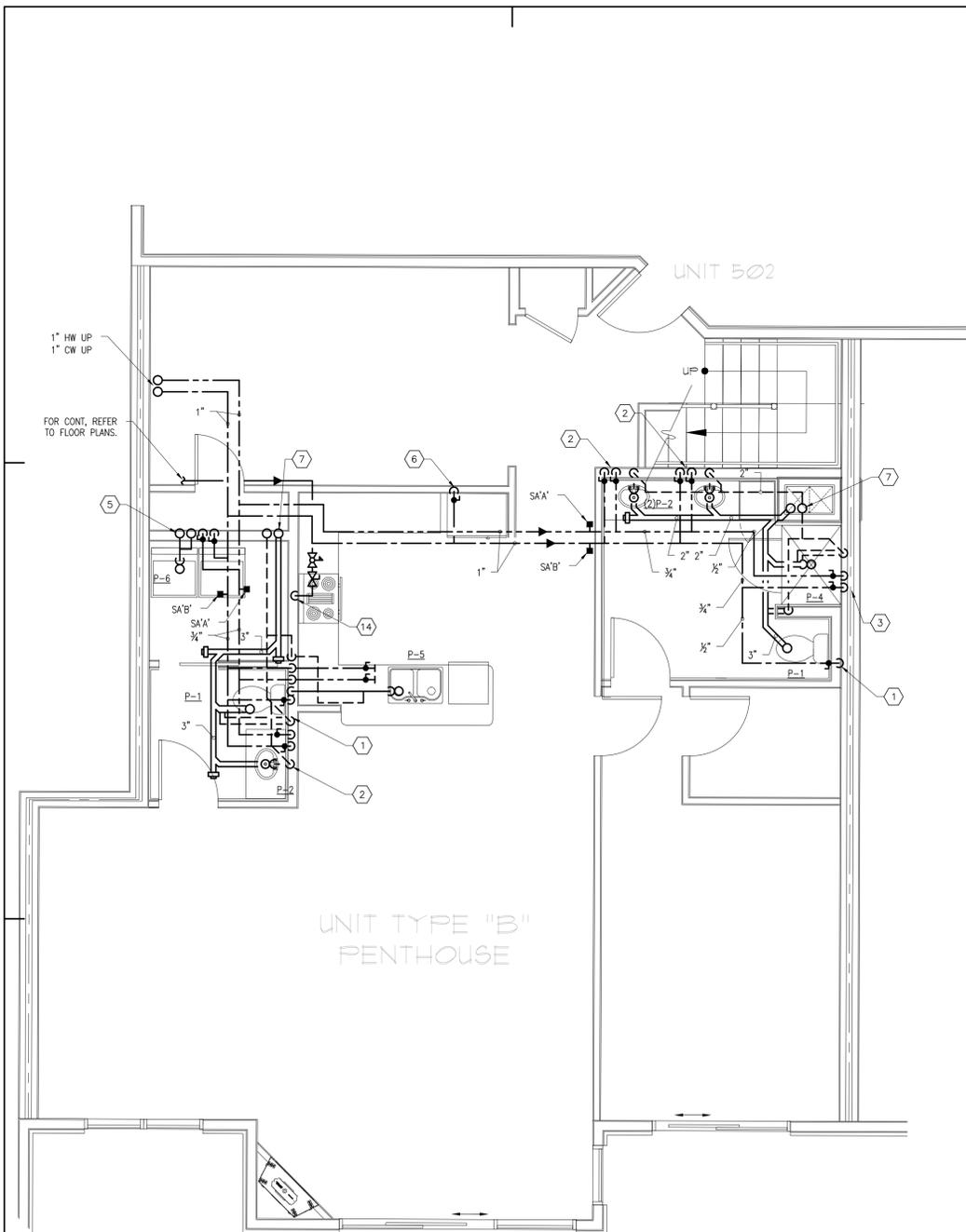
- NOTES:
1. PLUMBING CONTRACTOR SHALL USE THE TYPICAL PLANS AS A GENERAL GUIDE TO THE LOCATION OF PIPING.
  2. PLUMBING CONTRACTOR SHALL COORDINATE ALL PIPING ROUTING WITH OTHER TRADES.
  3. REFER TO FLOOR PLANS, DETAILS, SCHEDULES AND RISER DIAGRAMS FOR ADDITIONAL PIPING.
  4. PLUMBING CONTRACTOR SHALL PROVIDE BOW VENT, WHERE NOTED AND/OR REQUIRED.
  5. PIPING LOCATED BENEATH COUNTER SHALL BE RUN AS TIGHT AGAINST WALL AS POSSIBLE.
  6. ALL PIPE ROUTING SHALL BE COORDINATED WITH CEILING ELEVATIONS AND WALLS. COORDINATE CEILING HEIGHT AND CHASE LOCATIONS WITH ARCHITECTURAL PLANS.
  7. ALL UNIT BRANCH LINES SHALL TIE INTO THEIR RESPECTIVE MAINS/RISERS/STACKS.

DRAWING KEYNOTES	
TAG NO	DESCRIPTION
1	1/2" CW, 3" SAN, 2" V (P-1)
2	1/2" CW, 1/2" HW, 2" SAN & 2" V (P-2)
3	1/2" CW, 1/2" HW, 2" SAN & 2" V (P-3, P-4)
4	1/2" CW, 3/4" HW, 2" SAN & 2" V (P-5) PROVIDE 1/2" HW FOR DISHWASHER. PROVIDE 1/2" CW FOR REFRIGERATOR WHERE NOTED.
5	1/2" CW, 1/2" HW, 2" SAN & 2" V, SAN STACK & VENT STACK (P-6)
6	PROVIDE 1/2" CW FOR REFRIGERATOR. PROVIDE IN-LINE WATER FILTER ASSEMBLY AND BACK FLOW PREVENTER (REFER TO DETAIL #14 ON SHEET P0.05)
7	SAN STACK, V STACK
8	1" CW, 1" HW, G CONN CONNECTIONS TO WATER HEATER GWH-1
9	CW RISER
10	WATER METER
11	G RISER
12	GWH FLUE EXHAUST AND AIR INTAKE VENT PIPING.
13	PROVIDE G TO FIRE PLACE. PROVIDE SHUT-OFF VALVE AND PRESSURE-REGULATING VALVE SET TO FIRE PLACE MANUFACTURER'S RECOMMENDATIONS/INSTRUCTIONS.
14	PROVIDE G TO FUTURE GAS RANGE. PROVIDE SHUT-OFF VALVE AND PRESSURE-REGULATING VALVE. CAP PIPING IN WALL AND PROVIDE ACCESS PANEL.
15	PROVIDE G TO HVAC EQUIPMENT.
16	PROVIDE G TO FUTURE GAS BBQ APPLIANCE. PROVIDE SHUT-OFF VALVE AND PRESSURE-REGULATING VALVE. CAP PIPING IN WALL AND PROVIDE ACCESS PANEL.
17	1/2" CW DROP. PROVIDE WALL HYDRANT EQUAL TO WOODFORD MODEL 25. PROVIDE INSULATION ON PIPING DROP.

ACCORDINGLY, PIPING SHOWN DROPPING IN WALLS SHALL RUN UNDER COUNTER, WITHIN WALLS, OR AT CEILING BELOW TO FIXTURE(S). UTILITY PIPING CONNECTION TO FIXTURE/EQUIPMENT SHALL BE MADE IN ACCORDANCE WITH FIXTURE/EQUIPMENT MANUFACTURER'S RECOMMENDATIONS.



PLUMBING - Unit Type "A" - Part Plan : Level 5M - 501  
 SCALE: 1/4" = 1'-0"

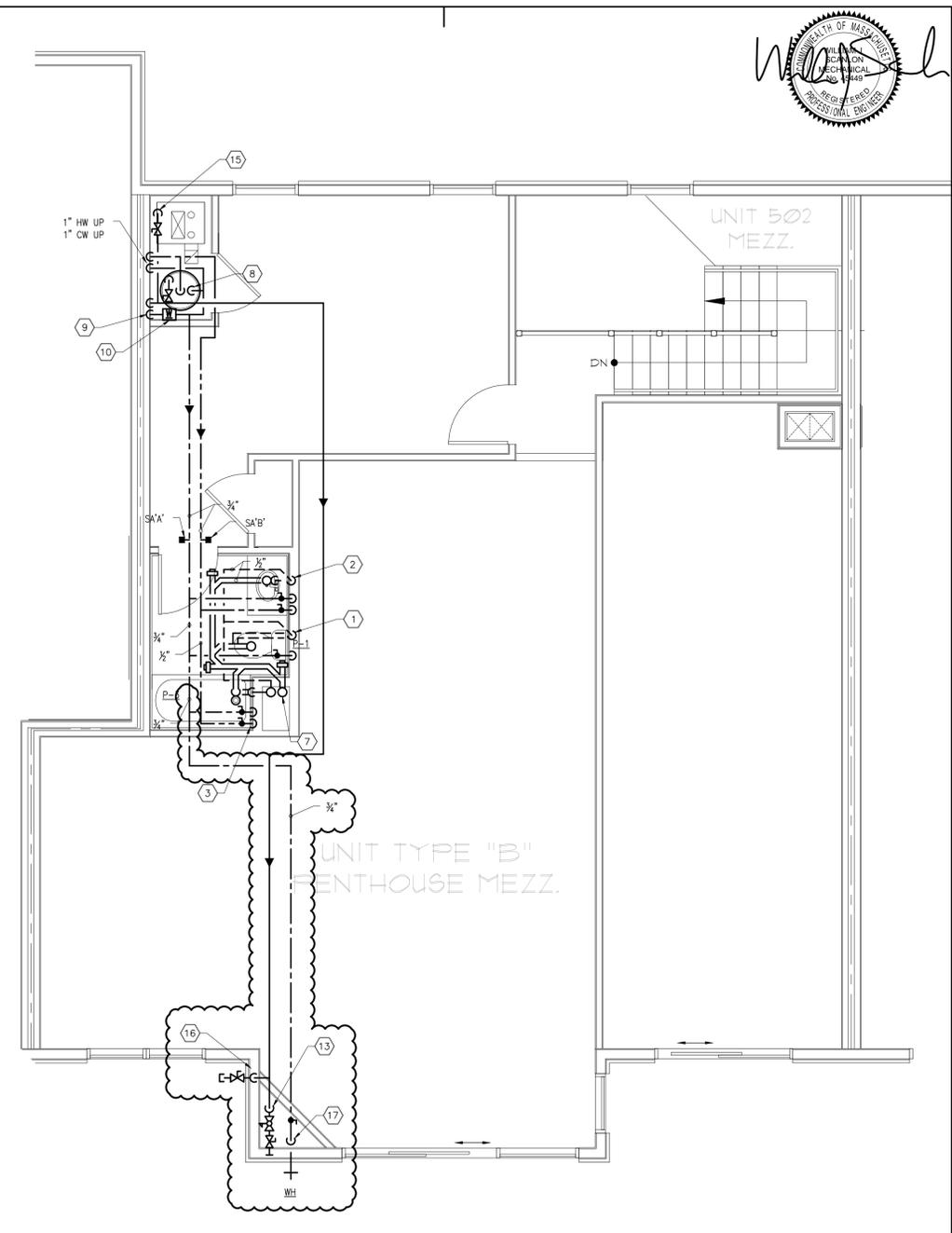


PLUMBING - Unit Type "B" - Part Plan : Level 5 - 502  
SCALE: 1/4" = 1'-0"

- NOTES:
1. PLUMBING CONTRACTOR SHALL USE THE TYPICAL PLANS AS A GENERAL GUIDE TO THE LOCATION OF PIPING.
  2. PLUMBING CONTRACTOR SHALL COORDINATE ALL PIPING ROUTING WITH OTHER TRADES.
  3. REFER TO FLOOR PLANS, DETAILS, SCHEDULES AND RISER DIAGRAMS FOR ADDITIONAL PIPING.
  4. PLUMBING CONTRACTOR SHALL PROVIDE BOW VENT, WHERE NOTED AND/OR REQUIRED.
  5. PIPING LOCATED BENEATH COUNTER SHALL BE RUN AS TIGHT AGAINST WALL AS POSSIBLE.
  6. ALL PIPE ROUTING SHALL BE COORDINATED WITH CEILING ELEVATIONS AND WALLS. COORDINATE CEILING HEIGHT AND CHASE LOCATIONS WITH ARCHITECTURAL PLANS.
  7. ALL UNIT BRANCH LINES SHALL TIE INTO THEIR RESPECTIVE MAINS/RISERS/STACKS.

DRAWING KEYNOTES	
TAG NO	DESCRIPTION
1	1/2" CW, 3" SAN, 2" V (P-1)
2	1/2" CW, 1/2" HW, 2" SAN & 2" V (P-2)
3	1/2" CW, 1/2" HW, 2" SAN & 2" V (P-3, P-4)
4	1/2" CW, 1/2" HW, 2" SAN & 2" V (P-5) PROVIDE 1/2" HW FOR DISHWASHER. PROVIDE 1/2" CW FOR REFRIGERATOR WHERE NOTED.
5	1/2" CW, 1/2" HW, 2" SAN & 2" V, SAN STACK & VENT STACK (P-6)
6	PROVIDE 1/2" CW FOR REFRIGERATOR. PROVIDE IN-LINE WATER FILTER ASSEMBLY AND BACK FLOW PREVENTER (REFER TO DETAIL #14 ON SHEET P0.05)
7	SAN STACK, V STACK
8	1" CW, 1" HW, G COIN CONNECTIONS TO WATER HEATER @WH-1
9	CW RISER
10	WATER METER
11	G RISER
12	GWH FLUE EXHAUST AND AIR INTAKE VENT PIPING.
13	PROVIDE G TO FIRE PLACE. PROVIDE SHUT-OFF VALVE AND PRESSURE-REGULATING VALVE SET TO FIRE PLACE MANUFACTURER'S RECOMMENDATIONS/INSTRUCTIONS.
14	PROVIDE G TO FUTURE GAS RANGE. PROVIDE SHUT-OFF VALVE AND PRESSURE-REGULATING VALVE. CAP PIPING IN WALL AND PROVIDE ACCESS PANEL.
15	PROVIDE G TO HVAC EQUIPMENT.
16	PROVIDE G TO FUTURE GAS BBQ APPLIANCE. PROVIDE SHUT-OFF VALVE AND PRESSURE-REGULATING VALVE. CAP PIPING IN WALL AND PROVIDE ACCESS PANEL.
17	3/4" CW DROP. PROVIDE WALL HYDRANT EQUAL TO WOODFORD MODEL 25. PROVIDE INSULATION ON PIPING DROP.

PLUMBING CONTRACTOR SHALL VERIFY THE REQUIREMENTS OF EACH TRADES PARTNER AND PROVIDE WORK ACCORDINGLY. PIPING SHOWN DROPPING IN WALLS SHALL RUN UNDER COUNTER, WITHIN WALLS, OR AT CEILING BELOW TO FIXTURE(S). UTILITY PIPING CONNECTION TO FIXTURE/EQUIPMENT SHALL BE MADE IN ACCORDANCE WITH FIXTURE/EQUIPMENT MANUFACTURER'S RECOMMENDATIONS.



PLUMBING - Unit Type "B" - Part Plan : Level 5M - 502  
SCALE: 1/4" = 1'-0"



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**HATTERS POINT**  
PLUMBING  
PART PLANS  
AMESBURY, MA

Prepared for: **HATTERS POINT CAPITAL LLC.**  
Location: **PO BOX 1044 SUDBURY, MA 01776**  
Title:

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Rev	Description	Date
1	Revision #3 - 01.15.16	
2	ICC Review Comments	
3	Permit Set	
4	CD Pricing Set	
5	Construction Docs Progress	
6	Design Development Set	

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

**Revisions**

Date: **11.15.2015**

Scale: **AS NOTED**

Job No.: **2394**

Sheet No.:

**P2.6**



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**HATTERS POINT**  
**PLUMBING**  
**PART PLANS**  
 AMESBURY, MA

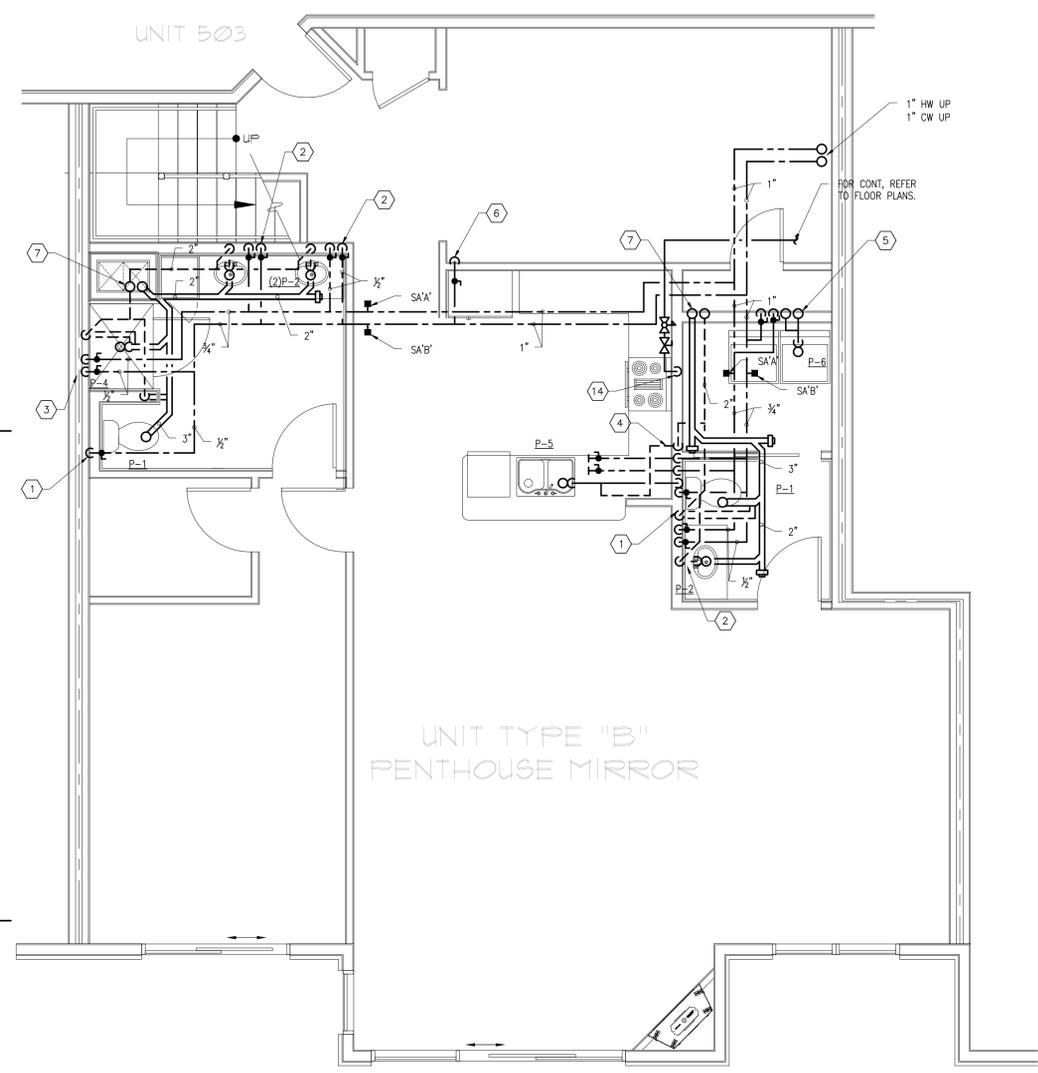
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 Location: **PO BOX 1044 SUDBURY, MA 01776**  
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Revision #	Date
1	11.15.2015
2	11.15.2015
3	11.15.2015
4	11.15.2015
5	11.15.2015
6	11.15.2015
7	11.15.2015
8	11.15.2015
9	11.15.2015
10	11.15.2015
11	11.15.2015
12	11.15.2015
13	11.15.2015
14	11.15.2015
15	11.15.2015
16	11.15.2015
17	11.15.2015

Date: **11.15.2015**  
 Scale: **AS NOTED**  
 Job No.: **2394**  
 Sheet No.:

**P2.7**

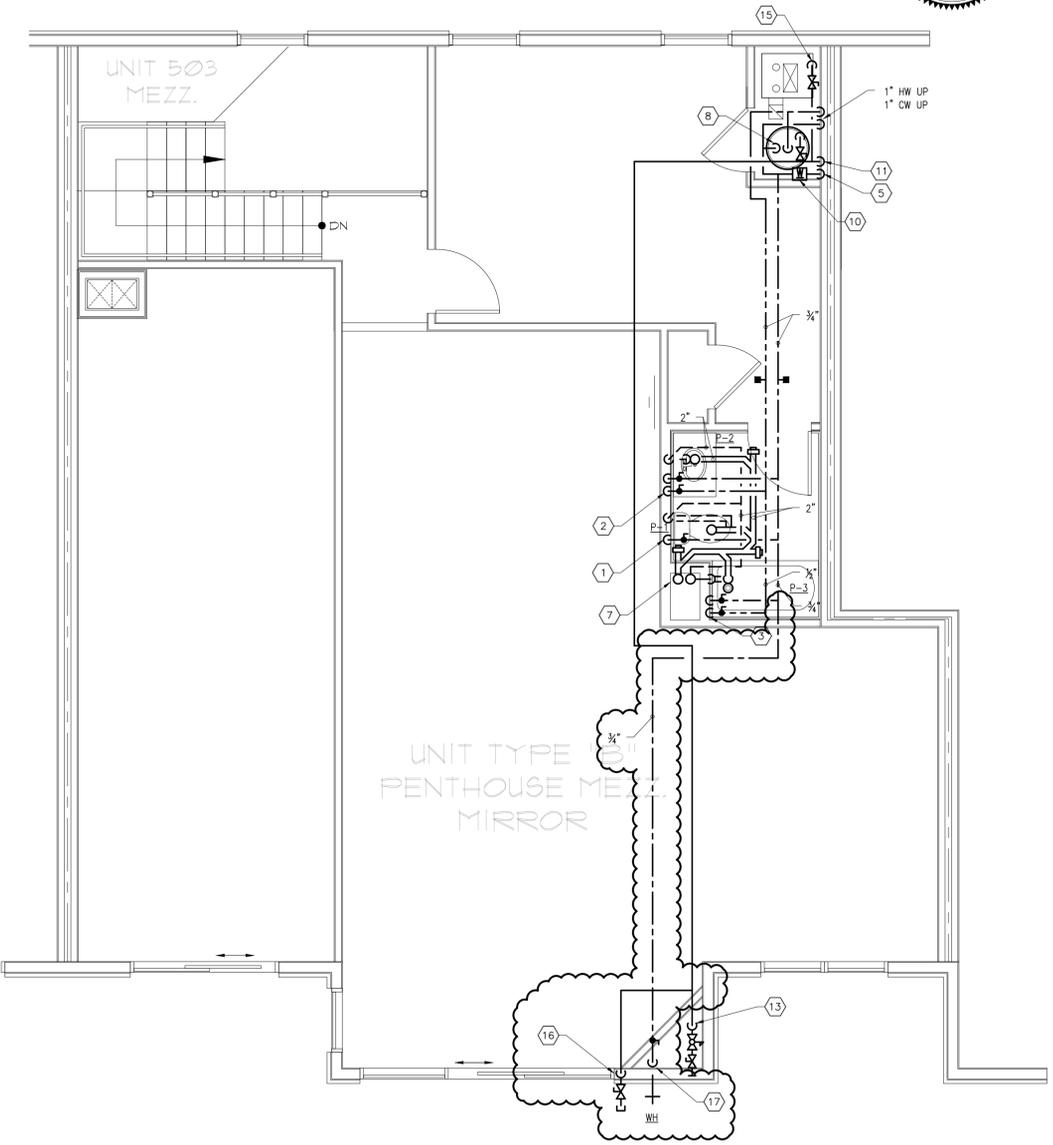


PLUMBING - Unit Type "B" Mirror- Part Plan : Level 5 - 503  
 SCALE: 1/4" = 1'-0"

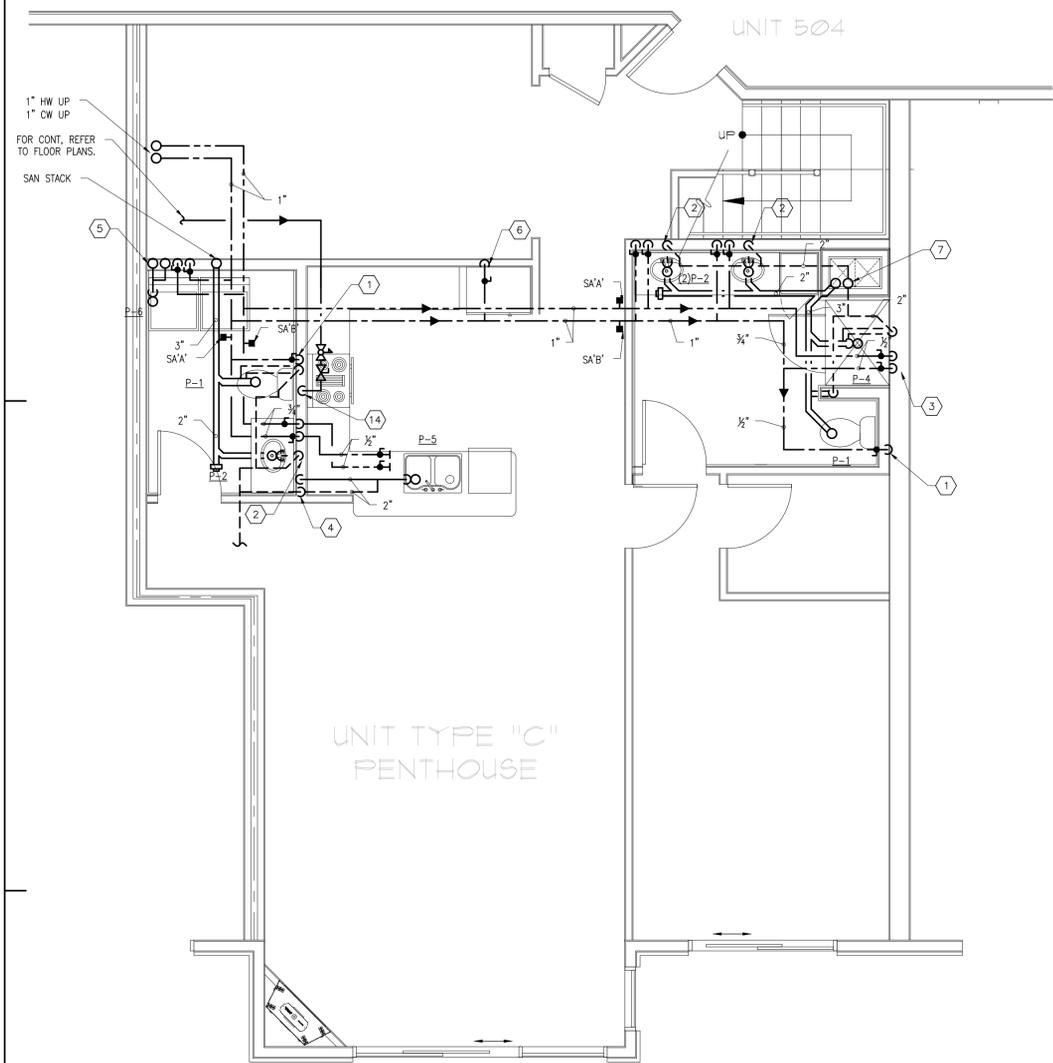
- NOTES:
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  2. PLUMBING CONTRACTOR SHALL COORDINATE ALL PIPING ROUTING WITH OTHER TRADES.
  3. REFER TO FLOOR PLANS, DETAILS, SCHEDULES AND RISER DIAGRAMS FOR ADDITIONAL PIPING.
  4. PLUMBING CONTRACTOR SHALL PROVIDE BOW VENT, WHERE NOTED AND/OR REQUIRED.
  5. PIPING LOCATED BENEATH COUNTER SHALL BE RUN AS TIGHT AGAINST WALL AS POSSIBLE.
  6. ALL PIPE ROUTING SHALL BE COORDINATED WITH CEILING ELEVATIONS AND WALLS. COORDINATE CEILING HEIGHT AND CHASE LOCATIONS WITH ARCHITECTURAL PLANS.
  7. ALL UNIT BRANCH LINES SHALL TIE INTO THEIR RESPECTIVE MAINS/RISERS/STACKS.

DRAWING KEYNOTES	
TAG NO	DESCRIPTION
1	1/2" CW, 3" SAN, 2" V (P-1)
2	1/2" CW, 1/2" HW, 2" SAN & 2" V (P-2)
3	1/2" CW, 1/2" HW, 2" SAN & 2" V (P-3, P-4)
4	1/2" CW, 3/4" HW, 2" SAN & 2" V (P-5) PROVIDE 1/2" HW FOR DISHWASHER. PROVIDE 1/2" CW FOR REFRIGERATOR WHERE NOTED.
5	1/2" CW, 1/2" HW, 2" SAN & 2" V, SAN STACK & VENT STACK (P-6)
6	PROVIDE 1/2" CW FOR REFRIGERATOR. PROVIDE IN-LINE WATER FILTER ASSEMBLY AND BACK FLOW PREVENTER (REFER TO DETAIL #14 ON SHEET P0.05)
7	SAN STACK, V STACK
8	1" CW, 1" HW, G CONN CONNECTIONS TO WATER HEATER GWH-1
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10	WATER METER
11	G RISER
12	GWH FLUE EXHAUST AND AIR INTAKE VENT PIPING.
13	PROVIDE G TO FIRE PLACE. PROVIDE SHUT-OFF VALVE AND PRESSURE-REGULATING VALVE SET TO FIRE PLACE MANUFACTURER'S RECOMMENDATIONS/INSTRUCTIONS.
14	PROVIDE G TO FUTURE GAS RANGE. PROVIDE SHUT-OFF VALVE AND PRESSURE-REGULATING VALVE. CAP PIPING IN WALL AND PROVIDE ACCESS PANEL.
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17	3/4" CW DROP. PROVIDE WALL HYDRANT EQUAL TO WOODFORD MODEL 25. PROVIDE INSULATION ON PIPING DROP.

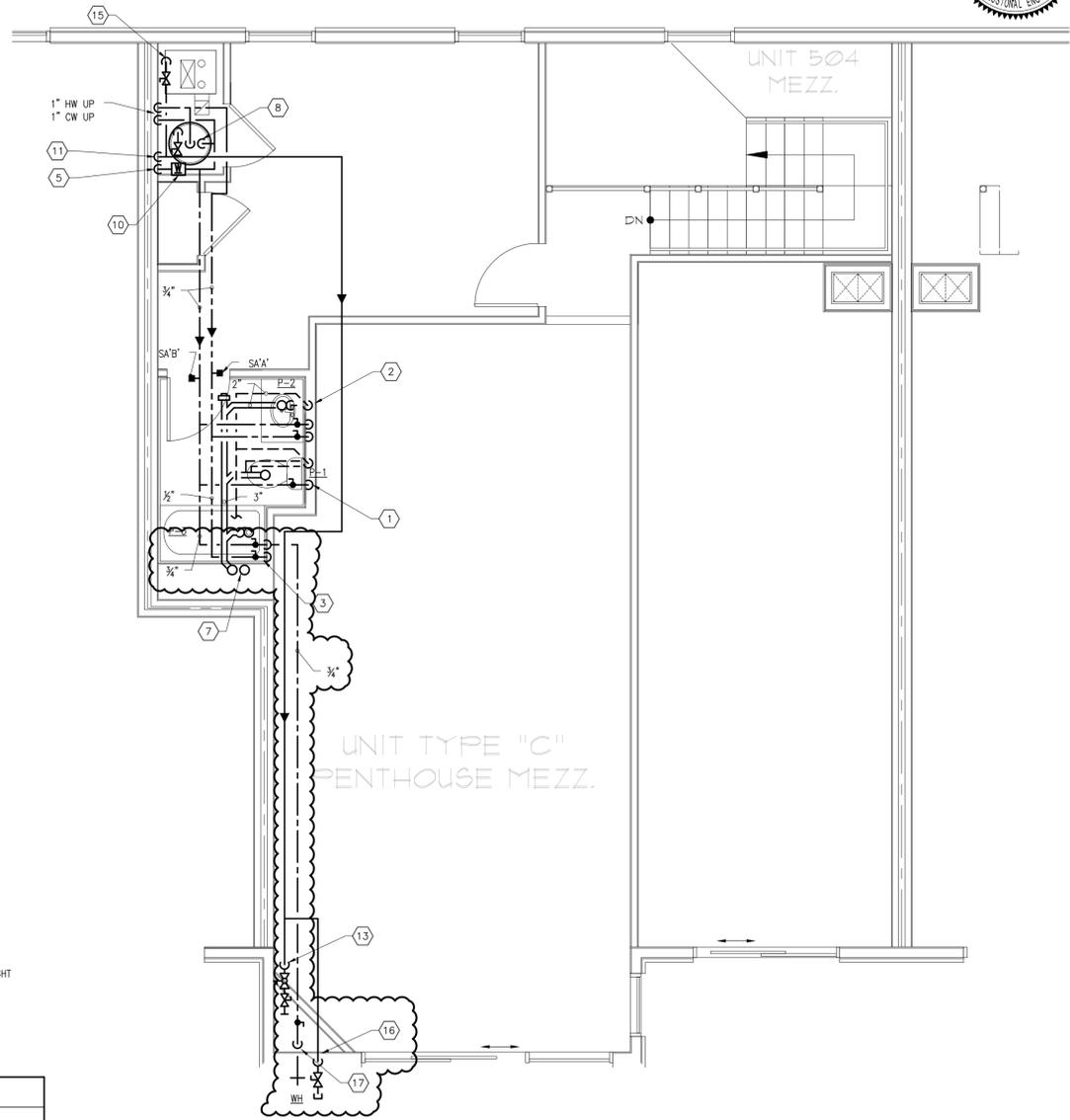
ACCORDINGLY, PIPING SHOWN DROPPING IN WALLS SHALL RUN UNDER COUNTER, WITHIN WALLS, OR AT CEILING BELOW TO FIXTURE(S). UTILITY PIPING CONNECTION TO FIXTURE/EQUIPMENT SHALL BE MADE IN ACCORDANCE WITH FIXTURE/EQUIPMENT MANUFACTURER'S RECOMMENDATIONS.



PLUMBING - Unit Type "B" Mirror - Part Plan : Level 5M - 503  
 SCALE: 1/4" = 1'-0"



PLUMBING - Unit Type "C" - Part Plan : Level 5 - 504  
SCALE: 1/4" = 1'-0"



PLUMBING - Unit Type "C" - Part Plan : Level 5M - 504  
SCALE: 1/4" = 1'-0"

- NOTES:
1. PLUMBING CONTRACTOR SHALL USE THE TYPICAL PLANS AS A GENERAL GUIDE TO THE LOCATION OF PIPING.
  2. PLUMBING CONTRACTOR SHALL COORDINATE ALL PIPING ROUTING WITH OTHER TRADES.
  3. REFER TO FLOOR PLANS, DETAILS, SCHEDULES AND RISER DIAGRAMS FOR ADDITIONAL PIPING.
  4. PLUMBING CONTRACTOR SHALL PROVIDE BOW VENT, WHERE NOTED AND/OR REQUIRED.
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  7. ALL UNIT BRANCH LINES SHALL TIE INTO THEIR RESPECTIVE MAINS/RISERS/STACKS.

DRAWING KEYNOTES	
TAG NO	DESCRIPTION
1	1/2" CW, 3" SAN, 2" V (P-1)
2	1/2" CW, 1/2" HW, 2" SAN & 2" V (P-2)
3	1/2" CW, 1/2" HW, 2" SAN & 2" V (P-3, P-4)
4	1/2" CW, 3/4" HW, 2" SAN & 2" V (P-5) PROVIDE 1/2" HW FOR DISHWASHER. PROVIDE 1/2" CW FOR REFRIGERATOR WHERE NOTED.
5	1/2" CW, 1/2" HW, 2" SAN & 2" V, SAN STACK & VENT STACK (P-6)
6	PROVIDE 1/2" CW FOR REFRIGERATOR. PROVIDE IN-LINE WATER FILTER ASSEMBLY AND BACK FLOW PREVENTER (REFER TO DETAIL #14 ON SHEET P0.05)
7	SAN STACK, V STACK
8	1" CW, 1" HW, G CONN CONNECTIONS TO WATER HEATER GWH-1
9	CW RISER
10	WATER METER
11	G RISER
12	GWH FLUE EXHAUST AND AIR INTAKE VENT PIPING.
13	PROVIDE G TO FIRE PLACE. PROVIDE SHUT-OFF VALVE AND PRESSURE-REGULATING VALVE SET TO FIRE PLACE MANUFACTURER'S RECOMMENDATIONS/INSTRUCTIONS.
14	PROVIDE G TO FUTURE GAS RANGE. PROVIDE SHUT-OFF VALVE AND PRESSURE-REGULATING VALVE. CAP PIPING IN WALL AND PROVIDE ACCESS PANEL.
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16	PROVIDE G TO FUTURE GAS BBQ APPLIANCE. PROVIDE SHUT-OFF VALVE AND PRESSURE-REGULATING VALVE. CAP PIPING IN WALL AND PROVIDE ACCESS PANEL.
17	1/2" CW DROP. PROVIDE WALL HYDRANT EQUAL TO WOODFORD MODEL 25. PROVIDE INSULATION ON PIPING DROP.

NOTHING SHALL BE CONSIDERED AS A WARRANTY OR GUARANTEE OF ANY KIND BY THE ENGINEER OR ARCHITECT. THE ENGINEER OR ARCHITECT SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OF ANY INFORMATION PROVIDED BY THE CONTRACTOR OR OTHER SOURCES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL INFORMATION AND CONDITIONS PRIOR TO CONSTRUCTION. PIPING SHOWN DROPPING IN WALLS SHALL RUN UNDER COUNTER, WITHIN WALLS, OR AT CEILING BELOW TO FIXTURE(S). UTILITY PIPING CONNECTION TO FIXTURE/EQUIPMENT SHALL BE MADE IN ACCORDANCE WITH FIXTURE/EQUIPMENT MANUFACTURER'S RECOMMENDATIONS.



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MERIDIAN ASSOCIATES INC.  
MEP:  
BLW ENGINEERS INC.

**HATTERS  
POINT**  
AMESBURY, MA

Prepared for: **HATTERS POINT CAPITAL LLC.**  
Location: **PO BOX 1044 SUDBURY, MA 01776**  
Title: **PLUMBING PART PLANS**

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Mark	Date
1	Revision #3 - 01.15.16
2	ICC Review Comments
3	Permit Set
4	CD Pricing Set
5	Construction Docs Progress
6	Design Development Set

Revisions  
Date: **11.15.2015**  
Scale: **AS NOTED**  
Job No.: **2394**  
Sheet No.:

**P2.8**



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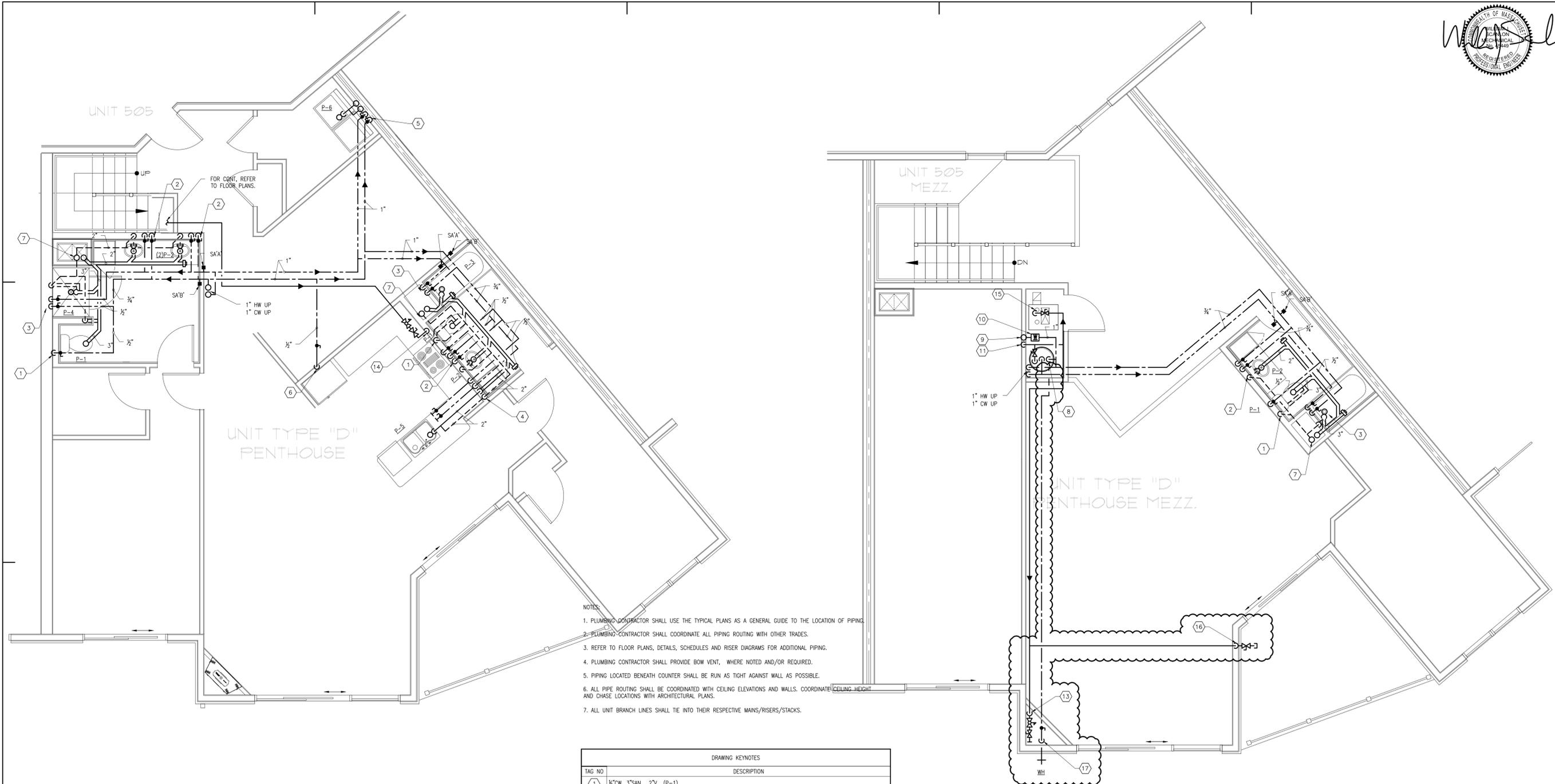
**HATTERS POINT**  
**PLUMBING**  
**PART PLANS**  
 AMESBURY, MA

Prepared for: **HATTERS POINT CAPITAL LLC.**  
 Location: **PO BOX 1044 SUDBURY, MA 01776**  
 Title: **PLUMBING PART PLANS**

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Mark	Date
<b>Revisions</b>	
Date	<b>11.15.2015</b>
Scale	<b>AS NOTED</b>
Job No.	<b>2394</b>
Sheet No.	

**P2.9**



PLUMBING - Unit Type "D" - Part Plan : Level 5 - 505  
 SCALE: 1/4" = 1'-0"

PLUMBING - Unit Type "C" - Part Plan : Level 5M - 505  
 SCALE: 1/4" = 1'-0"

- NOTES:
1. PLUMBING CONTRACTOR SHALL USE THE TYPICAL PLANS AS A GENERAL GUIDE TO THE LOCATION OF PIPING.
  2. PLUMBING CONTRACTOR SHALL COORDINATE ALL PIPING ROUTING WITH OTHER TRADES.
  3. REFER TO FLOOR PLANS, DETAILS, SCHEDULES AND RISER DIAGRAMS FOR ADDITIONAL PIPING.
  4. PLUMBING CONTRACTOR SHALL PROVIDE BOW VENT, WHERE NOTED AND/OR REQUIRED.
  5. PIPING LOCATED BENEATH COUNTER SHALL BE RUN AS TIGHT AGAINST WALL AS POSSIBLE.
  6. ALL PIPE ROUTING SHALL BE COORDINATED WITH CEILING ELEVATIONS AND WALLS. COORDINATE CEILING HEIGHT AND CHASE LOCATIONS WITH ARCHITECTURAL PLANS.
  7. ALL UNIT BRANCH LINES SHALL TIE INTO THEIR RESPECTIVE MAINS/RISERS/STACKS.

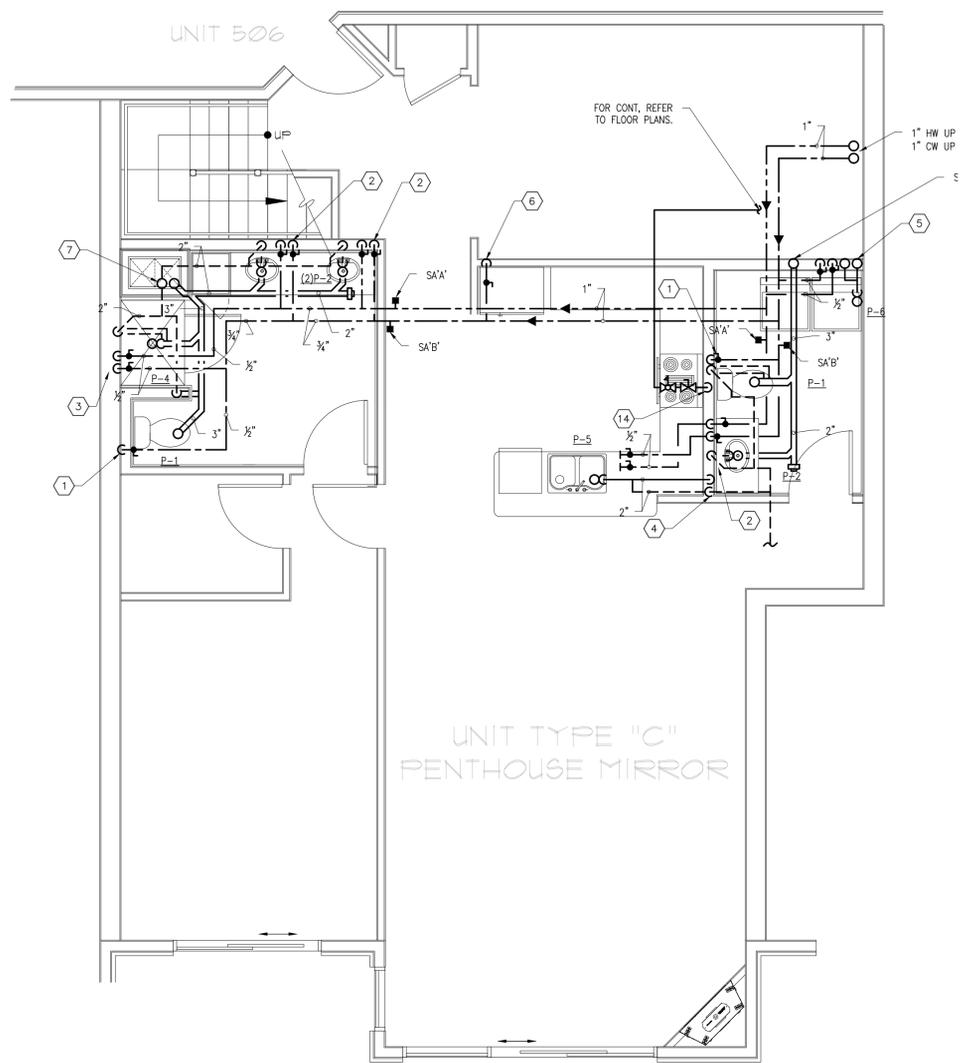
TAG NO	DESCRIPTION
①	1/2" CW, 3" SAN, 2" V (P-1)
②	1/2" CW, 1/2" HW, 2" SAN & 2" V (P-2)
③	1/2" CW, 1/2" HW, 2" SAN & 2" V (P-3, P-4)
④	1/2" CW, 3/4" HW, 2" SAN & 2" V (P-5) PROVIDE 1/2" HW FOR DISHWASHER. PROVIDE 1/2" CW FOR REFRIGERATOR WHERE NOTED.
⑤	1/2" CW, 1/2" HW, 2" SAN & 2" V, SAN STACK & VENT STACK (P-6)
⑥	PROVIDE 1/2" CW FOR REFRIGERATOR. PROVIDE IN-LINE WATER FILTER ASSEMBLY AND BACK FLOW PREVENTER (REFER TO DETAIL #14 ON SHEET P0.05)
⑦	SAN STACK, V STACK
⑧	1" CW, 1" HW, G CONN CONNECTIONS TO WATER HEATER GWH-1
⑨	CW RISER
⑩	WATER METER
⑪	G RISER
⑫	GWH FLUE EXHAUST AND AIR INTAKE VENT PIPING.
⑬	PROVIDE G TO FIRE PLACE. PROVIDE SHUT-OFF VALVE AND PRESSURE-REGULATING VALVE SET TO FIRE PLACE MANUFACTURER'S RECOMMENDATIONS/INSTRUCTIONS.
⑭	PROVIDE G TO FUTURE GAS RANGE. PROVIDE SHUT-OFF VALVE AND PRESSURE-REGULATING VALVE. CAP PIPING IN WALL AND PROVIDE ACCESS PANEL.
⑮	PROVIDE G TO HVAC EQUIPMENT.
⑯	PROVIDE G TO FUTURE GAS BBQ APPLIANCE. PROVIDE SHUT-OFF VALVE AND PRESSURE-REGULATING VALVE. CAP PIPING IN WALL AND PROVIDE ACCESS PANEL.
⑰	3/4" CW DROP. PROVIDE WALL HYDRANT EQUAL TO WOODFORD MODEL 25. PROVIDE INSULATION ON PIPING DROP.

NOTE: PLUMBING CONTRACTOR SHALL VERIFY THE REQUIREMENTS OF EACH APPLIANCE, FURNITURE AND EQUIPMENT. ACCORDINGLY, PIPING SHOWN DROPPING IN WALLS SHALL RUN UNDER COUNTER, WITHIN WALLS, OR AT CEILING BELOW TO FIXTURE(S). UTILITY PIPING CONNECTION TO FIXTURE/EQUIPMENT SHALL BE MADE IN ACCORDANCE WITH FIXTURE/EQUIPMENT MANUFACTURER'S RECOMMENDATIONS.



Mark	Date	Revisions
1	11.15.2015	Revision #3 - 01.15.16
2		ICC Review Comments
		Permit Set
		CD Pricing Set
		Construction Docs Progress
		Design Development Set

Date: 11.15.2015  
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 Job No.: 2394  
 Sheet No.:

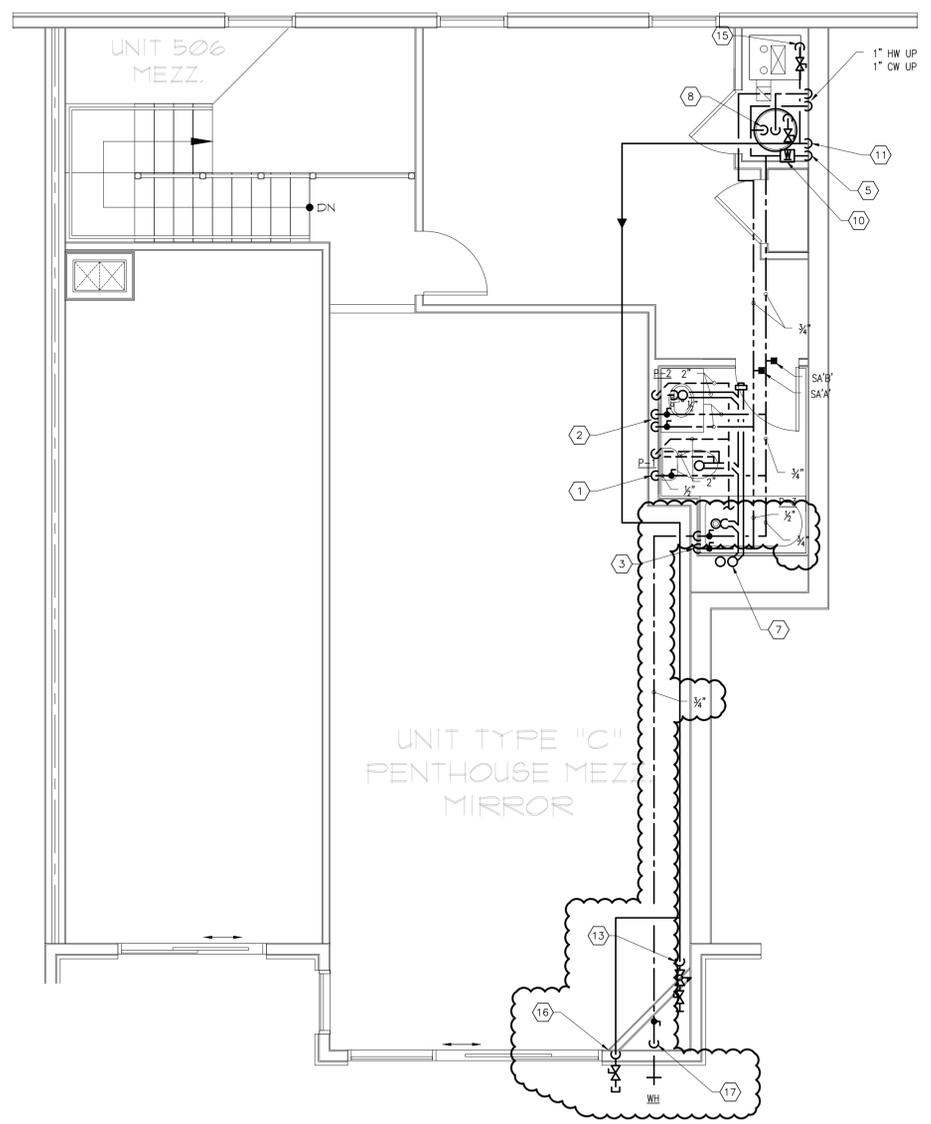


PLUMBING - Unit Type "C" Mirror - Part Plan : Level 5 - 506  
 SCALE: 1/4" = 1'-0"

- NOTES:
1. PLUMBING CONTRACTOR SHALL USE THE TYPICAL PLANS AS A GENERAL GUIDE TO THE LOCATION OF PIPING.
  2. PLUMBING CONTRACTOR SHALL COORDINATE ALL PIPING ROUTING WITH OTHER TRADES.
  3. REFER TO FLOOR PLANS, DETAILS, SCHEDULES AND RISER DIAGRAMS FOR ADDITIONAL PIPING.
  4. PLUMBING CONTRACTOR SHALL PROVIDE BOW VENT, WHERE NOTED AND/OR REQUIRED.
  5. PIPING LOCATED BENEATH COUNTER SHALL BE RUN AS TIGHT AGAINST WALL AS POSSIBLE.
  6. ALL PIPE ROUTING SHALL BE COORDINATED WITH CEILING ELEVATIONS AND WALLS. COORDINATE CEILING HEIGHT AND CHASE LOCATIONS WITH ARCHITECTURAL PLANS.
  7. ALL UNIT BRANCH LINES SHALL TIE INTO THEIR RESPECTIVE MAINS/RISERS/STACKS.

TAG NO	DESCRIPTION
1	1/2" CW, 3" SAN, 2" V (P-1)
2	1/2" CW, 1/2" HW, 2" SAN & 2" V (P-2)
3	1/2" CW, 1/2" HW, 2" SAN & 2" V (P-3, P-4)
4	1/2" CW, 3/4" HW, 2" SAN & 2" V (P-5) PROVIDE 1/2" HW FOR DISHWASHER. PROVIDE 1/2" CW FOR REFRIGERATOR WHERE NOTED.
5	1/2" CW, 1/2" HW, 2" SAN & 2" V, SAN STACK & VENT STACK (P-6)
6	PROVIDE 1/2" CW FOR REFRIGERATOR. PROVIDE IN-LINE WATER FILTER ASSEMBLY AND BACK FLOW PREVENTER (REFER TO DETAIL #14 ON SHEET P0.05)
7	SAN STACK, V STACK
8	1" CW, 1" HW, G CONN CONNECTIONS TO WATER HEATER GWH-1
9	CW RISER
10	WATER METER
11	G RISER
12	GWH FLUE EXHAUST AND AIR INTAKE VENT PIPING.
13	PROVIDE G TO FIRE PLACE. PROVIDE SHUT-OFF VALVE AND PRESSURE-REGULATING VALVE SET TO FIRE PLACE MANUFACTURER'S RECOMMENDATIONS/INSTRUCTIONS.
14	PROVIDE G TO FUTURE GAS RANGE. PROVIDE SHUT-OFF VALVE AND PRESSURE-REGULATING VALVE. CAP PIPING IN WALL AND PROVIDE ACCESS PANEL.
15	PROVIDE G TO HVAC EQUIPMENT.
16	PROVIDE G TO FUTURE GAS BBQ APPLIANCE. PROVIDE SHUT-OFF VALVE AND PRESSURE-REGULATING VALVE. CAP PIPING IN WALL AND PROVIDE ACCESS PANEL.
17	3/4" CW DROP. PROVIDE WALL HYDRANT EQUAL TO WOODFORD MODEL 25. PROVIDE INSULATION ON PIPING DROP.

ACCORDINGLY, PIPING SHOWN DROPPING IN WALLS SHALL RUN UNDER COUNTER, WITHIN WALLS, OR AT CEILING BELOW TO FIXTURE(S). UTILITY PIPING CONNECTION TO FIXTURE/EQUIPMENT SHALL BE MADE IN ACCORDANCE WITH FIXTURE/EQUIPMENT MANUFACTURER'S RECOMMENDATIONS.



PLUMBING - Unit Type "C" - Part Plan : Level 5M - 506  
 SCALE: 1/4" = 1'-0"



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**HATTERS POINT**  
**PLUMBING**  
 AMESBURY, MA

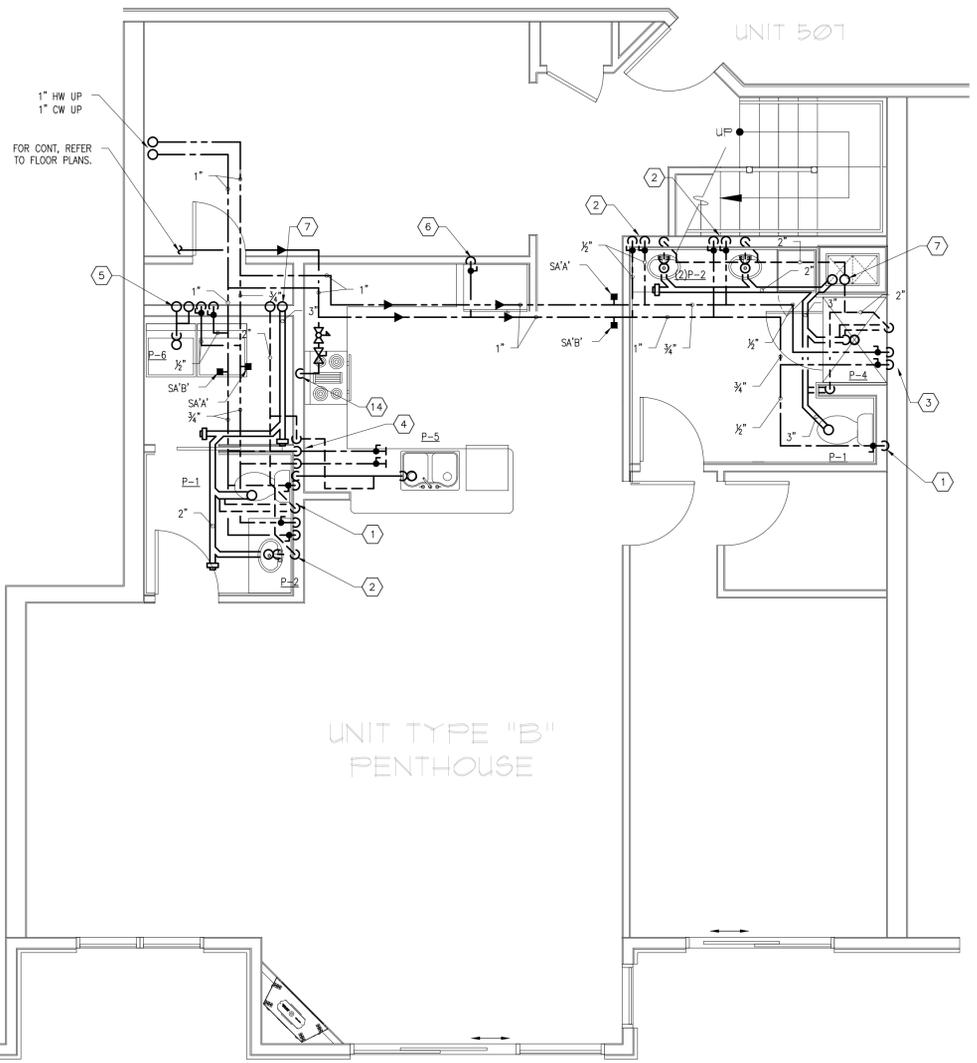
Prepared for: **HATTERS POINT CAPITAL LLC.**  
 Location: **PO BOX 1044 SUDBURY, MA 01776**  
 Title: **PLUMBING PART PLANS**

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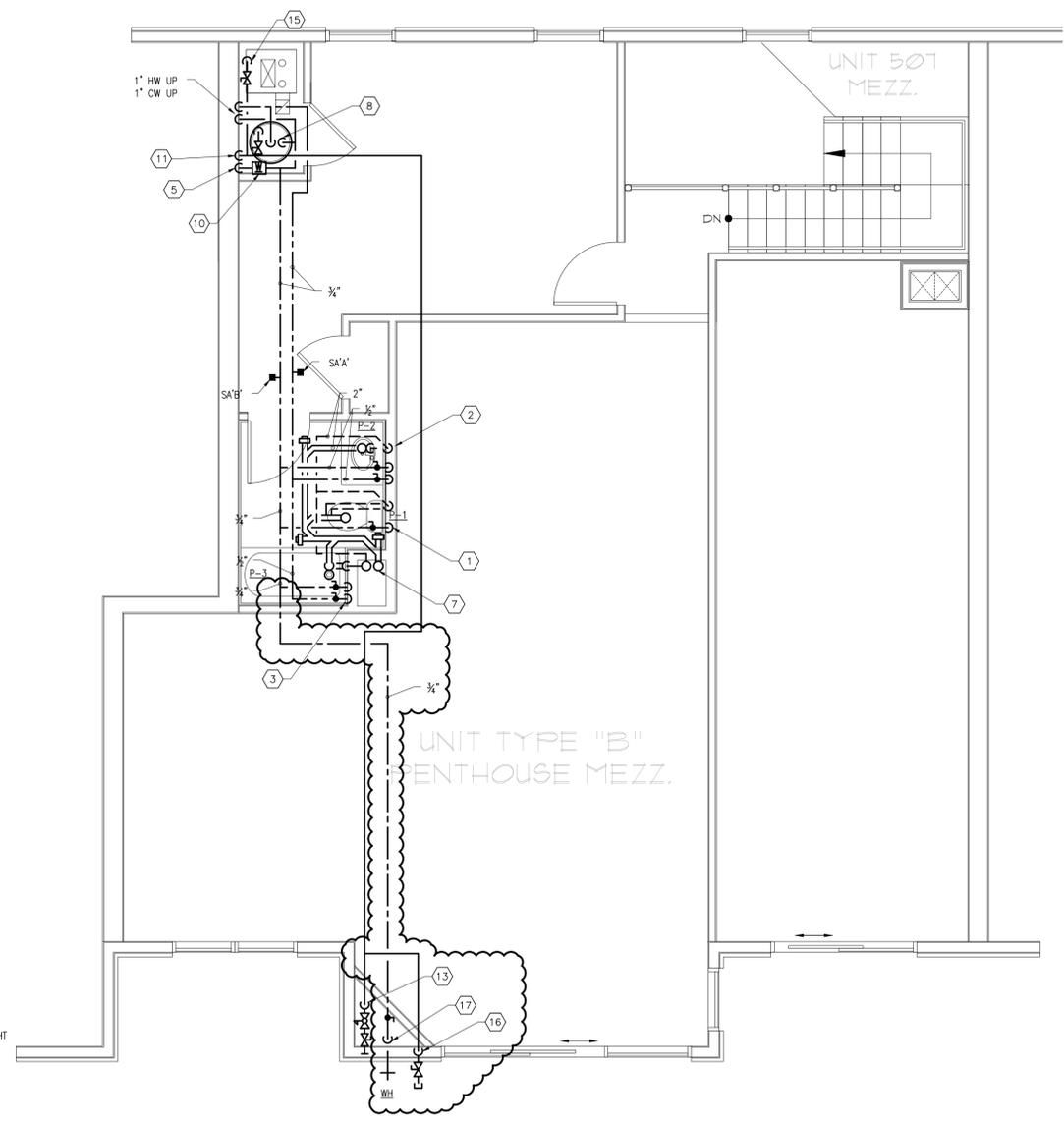
Mark	Date
1	Revision #3 - 01.15.16
2	ICC Review Comments
	Permit Set
	CD Pricing Set
	Construction Docs Progress
	Design Development Set

Revisions  
 Date: **11.15.2015**  
 Scale: **AS NOTED**  
 Job No.: **2394**  
 Sheet No.:

**P2.11**



PLUMBING - Unit Type "B" - Part Plan : Level 5 - 507  
 SCALE: 1/4" = 1'-0"



PLUMBING - Unit Type "B" - Part Plan : Level 5M - 507  
 SCALE: 1/4" = 1'-0"

- NOTES:
1. PLUMBING CONTRACTOR SHALL USE THE TYPICAL PLANS AS A GENERAL GUIDE TO THE LOCATION OF PIPING.
  2. PLUMBING CONTRACTOR SHALL COORDINATE ALL PIPING ROUTING WITH OTHER TRADES.
  3. REFER TO FLOOR PLANS, DETAILS, SCHEDULES AND RISER DIAGRAMS FOR ADDITIONAL PIPING.
  4. PLUMBING CONTRACTOR SHALL PROVIDE BOW VENT, WHERE NOTED AND/OR REQUIRED.
  5. PIPING LOCATED BENEATH COUNTER SHALL BE RUN AS TIGHT AGAINST WALL AS POSSIBLE.
  6. ALL PIPE ROUTING SHALL BE COORDINATED WITH CEILING ELEVATIONS AND WALLS. COORDINATE CEILING HEIGHT AND CHASE LOCATIONS WITH ARCHITECTURAL PLANS.
  7. ALL UNIT BRANCH LINES SHALL TIE INTO THEIR RESPECTIVE MAINS/RISERS/STACKS.

DRAWING KEYNOTES	
TAG NO	DESCRIPTION
1	1/2" CW, 3" SAN, 2" V (P-1)
2	1/2" CW, 1/2" HW, 2" SAN & 2" V (P-2)
3	1/2" CW, 1/2" HW, 2" SAN & 2" V (P-3, P-4)
4	1/2" CW, 3/4" HW, 2" SAN & 2" V (P-5) PROVIDE 1/2" HW FOR DISHWASHER. PROVIDE 1/2" CW FOR REFRIGERATOR WHERE NOTED.
5	1/2" CW, 1/2" HW, 2" SAN & 2" V, SAN STACK & VENT STACK (P-6)
6	PROVIDE 1/2" CW FOR REFRIGERATOR. PROVIDE IN-LINE WATER FILTER ASSEMBLY AND BACK FLOW PREVENTER (REFER TO DETAIL #14 ON SHEET P0.05)
7	SAN STACK, V STACK
8	1" CW, 1" HW, G CONN CONNECTIONS TO WATER HEATER GWH-1
9	CW RISER
10	WATER METER
11	G RISER
12	GW FLUE EXHAUST AND AIR INTAKE VENT PIPING.
13	PROVIDE G TO FIRE PLACE. PROVIDE SHUT-OFF VALVE AND PRESSURE-REGULATING VALVE SET TO FIRE PLACE MANUFACTURER'S RECOMMENDATIONS/INSTRUCTIONS.
14	PROVIDE G TO FUTURE GAS RANGE. PROVIDE SHUT-OFF VALVE AND PRESSURE-REGULATING VALVE. CAP PIPING IN WALL AND PROVIDE ACCESS PANEL.
15	PROVIDE G TO HVAC EQUIPMENT.
16	PROVIDE G TO FUTURE GAS BBQ APPLIANCE. PROVIDE SHUT-OFF VALVE AND PRESSURE-REGULATING VALVE. CAP PIPING IN WALL AND PROVIDE ACCESS PANEL.
17	3/4" CW DROP. PROVIDE WALL HYDRANT EQUAL TO WOODFORD MODEL 25. PROVIDE INSULATION ON PIPING DROP.

NOTE: PLUMBING CONTRACTOR SHALL VERIFY THE REQUIREMENTS OF EACH APPLIANCE APARTMENT AND PROVIDE ACCESS PANELS ACCORDINGLY. PIPING SHOWN DROPPING IN WALLS SHALL RUN UNDER COUNTER, WITHIN WALLS, OR AT CEILING BELOW TO FIXTURE(S). UTILITY PIPING CONNECTION TO FIXTURE/EQUIPMENT SHALL BE MADE IN ACCORDANCE WITH FIXTURE/EQUIPMENT MANUFACTURER'S RECOMMENDATIONS.

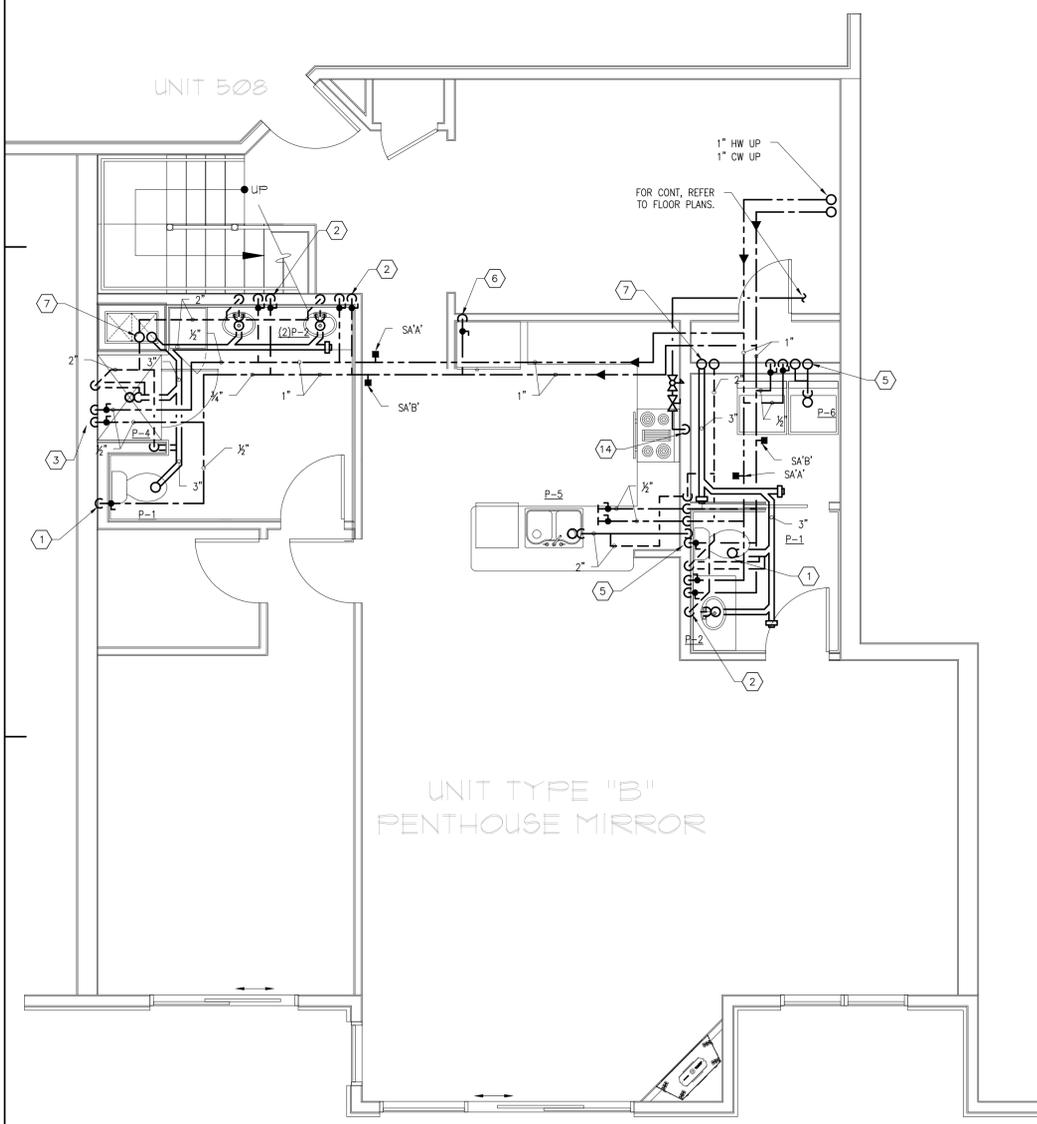


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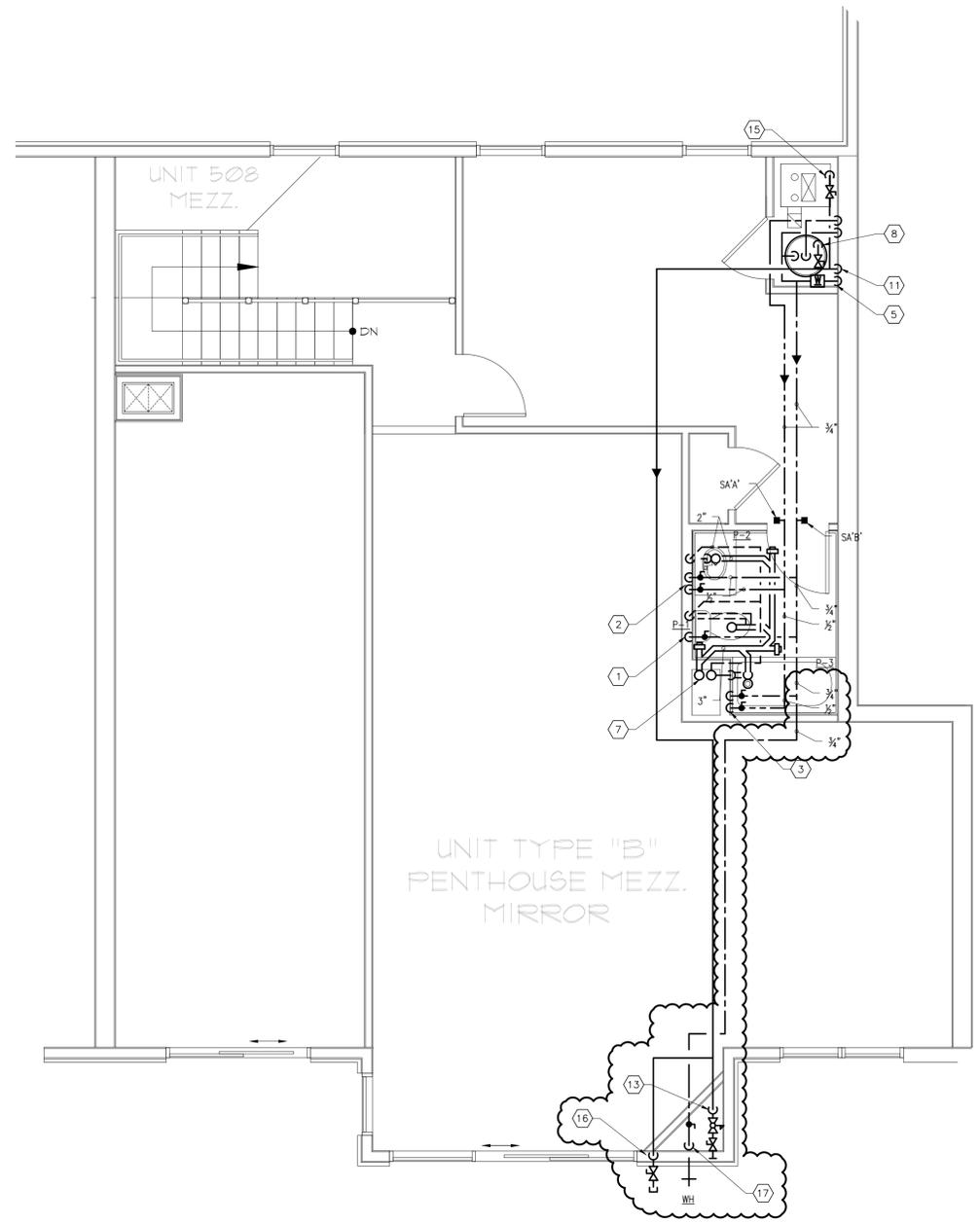
Revisions

Date: **11.15.2015**  
 Scale: **AS NOTED**  
 Job No.: **2394**  
 Sheet No.:



SCALE: 1/4"= 1'-0"

PLUMBING - Unit Type "B" Mirror - Part Plan : Level 5 - 508



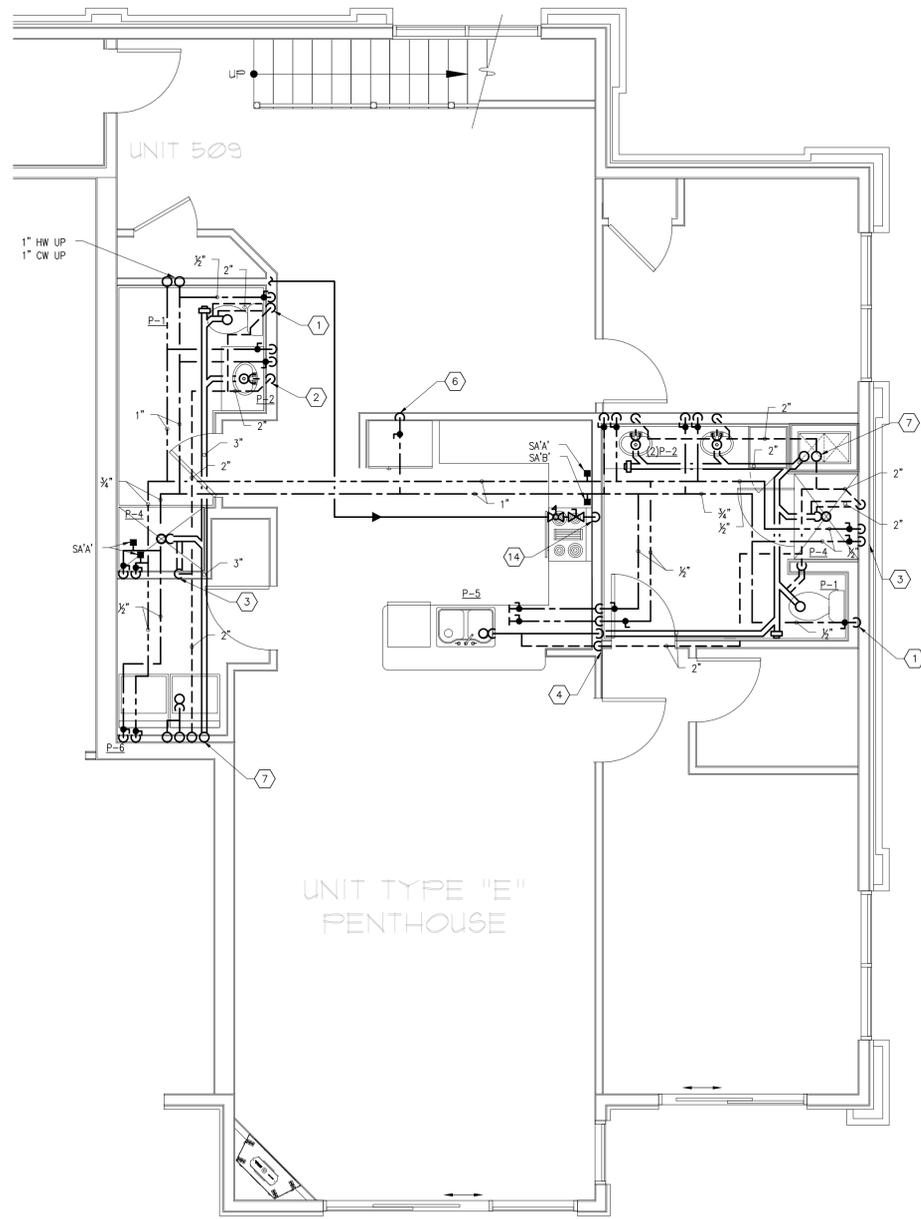
PLUMBING - Unit Type "B" Mirror - Part Plan : Level 5M - 508

SCALE: 1/4"= 1'-0"

- NOTES:
1. PLUMBING CONTRACTOR SHALL USE THE TYPICAL PLANS AS A GENERAL GUIDE TO THE LOCATION OF PIPING.
  2. PLUMBING CONTRACTOR SHALL COORDINATE ALL PIPING ROUTING WITH OTHER TRADES.
  3. REFER TO FLOOR PLANS, DETAILS, SCHEDULES AND RISER DIAGRAMS FOR ADDITIONAL PIPING.
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  7. ALL UNIT BRANCH LINES SHALL TIE INTO THEIR RESPECTIVE MAINS/RISERS/STACKS.

TAG NO.	DESCRIPTION
1	1/2" CW, 3" SAN, 2" V (P-1)
2	1/2" CW, 1/2" HW, 2" SAN & 2" V (P-2)
3	1/2" CW, 1/2" HW, 2" SAN & 2" V (P-3, P-4)
4	1/2" CW, 3/4" HW, 2" SAN & 2" V (P-5) PROVIDE 1/2" HW FOR DISHWASHER. PROVIDE 1/2" CW FOR REFRIGERATOR WHERE NOTED.
5	1/2" CW, 1/2" HW, 2" SAN & 2" V, SAN STACK & VENT STACK (P-6)
6	PROVIDE 1/2" CW FOR REFRIGERATOR. PROVIDE IN-LINE WATER FILTER ASSEMBLY AND BACK FLOW PREVENTER (REFER TO DETAIL #14 ON SHEET P0.05)
7	SAN STACK, V STACK
8	1" CW, 1" HW, G CONN CONNECTIONS TO WATER HEATER GWH-1
9	CW RISER
10	WATER METER
11	G RISER
12	GWH FLUE EXHAUST AND AIR INTAKE VENT PIPING.
13	PROVIDE G TO FIRE PLACE. PROVIDE SHUT-OFF VALVE AND PRESSURE-REGULATING VALVE SET TO FIRE PLACE MANUFACTURER'S RECOMMENDATIONS/INSTRUCTIONS.
14	PROVIDE G TO FUTURE GAS RANGE. PROVIDE SHUT-OFF VALVE AND PRESSURE-REGULATING VALVE. CAP PIPING IN WALL AND PROVIDE ACCESS PANEL.
15	PROVIDE G TO HVAC EQUIPMENT.
16	PROVIDE G TO FUTURE GAS BBQ APPLIANCE. PROVIDE SHUT-OFF VALVE AND PRESSURE-REGULATING VALVE. CAP PIPING IN WALL AND PROVIDE ACCESS PANEL.
17	1/2" CW DROP. PROVIDE WALL HYDRANT EQUAL TO WOODFORD MODEL 25. PROVIDE INSULATION ON PIPING DROP.

ACCORDINGLY, PIPING SHOWN DROPPING IN WALLS SHALL RUN UNDER COUNTER, WITHIN WALLS, OR AT CEILING BELOW TO FIXTURE(S). UTILITY PIPING CONNECTION TO FIXTURE/EQUIPMENT SHALL BE MADE IN ACCORDANCE WITH FIXTURE/EQUIPMENT MANUFACTURER'S RECOMMENDATIONS.



PLUMBING - Unit Type "E" - Part Plan : Level 5 - 509

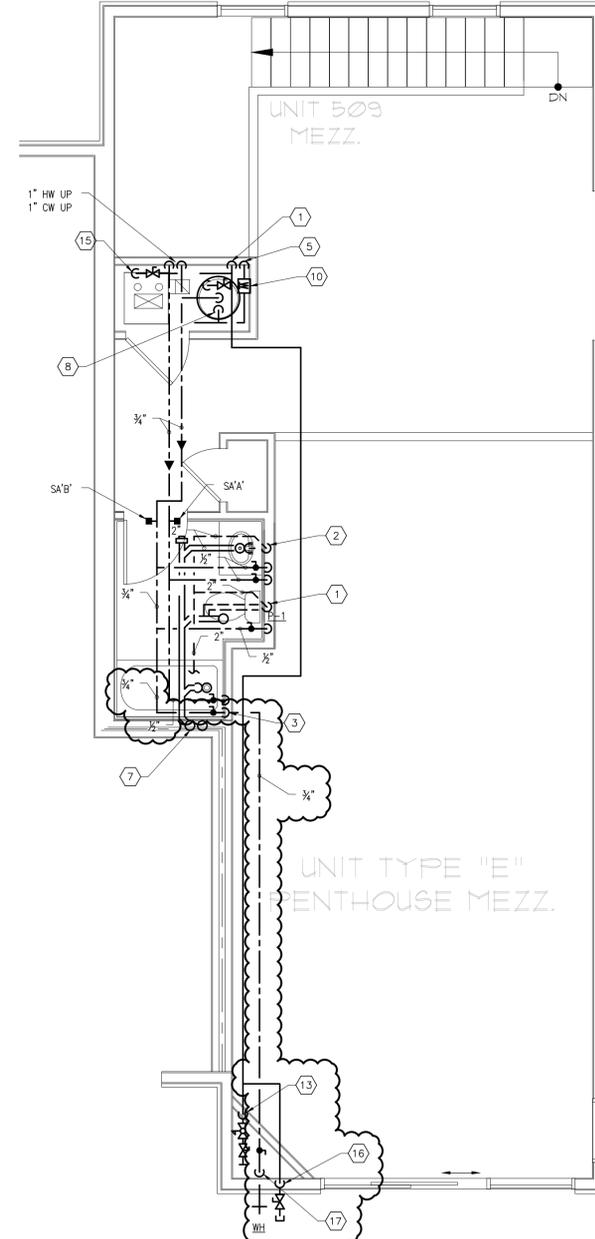
SCALE: 1/4" = 1'-0"

NOTES:

1. PLUMBING CONTRACTOR SHALL USE THE TYPICAL PLANS AS A GENERAL GUIDE TO THE LOCATION OF PIPING.
2. PLUMBING CONTRACTOR SHALL COORDINATE ALL PIPING ROUTING WITH OTHER TRADES.
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6. ALL PIPE ROUTING SHALL BE COORDINATED WITH CEILING ELEVATIONS AND WALLS. COORDINATE CEILING HEIGHT AND CHASE LOCATIONS WITH ARCHITECTURAL PLANS.
7. ALL UNIT BRANCH LINES SHALL TIE INTO THEIR RESPECTIVE MAINS/RISERS/STACKS.

DRAWING KEYNOTES	
TAG NO	DESCRIPTION
1	1/2" CW, 3" SAN, 2" V (P-1)
2	1/2" CW, 1/2" HW, 2" SAN & 2" V (P-2)
3	1/2" CW, 1/2" HW, 2" SAN & 2" V (P-3, P-4)
4	1/2" CW, 3/4" HW, 2" SAN & 2" V (P-5) PROVIDE 1/2" HW FOR DISHWASHER. PROVIDE 1/2" CW FOR REFRIGERATOR WHERE NOTED.
5	1/2" CW, 1/2" HW, 2" SAN & 2" V, SAN STACK & VENT STACK (P-6)
6	PROVIDE 1/2" CW FOR REFRIGERATOR. PROVIDE IN-LINE WATER FILTER ASSEMBLY AND BACK FLOW PREVENTER (REFER TO DETAIL #14 ON SHEET P-0.05)
7	SAN STACK, V STACK
8	1" CW, 1" HW, G CONN CONNECTIONS TO WATER HEATER GWH-1
9	CW RISER
10	WATER METER
11	G RISER
12	GWH FLUE EXHAUST AND AIR INTAKE VENT PIPING.
13	PROVIDE G TO FIRE PLACE. PROVIDE SHUT-OFF VALVE AND PRESSURE-REGULATING VALVE SET TO FIRE PLACE MANUFACTURER'S RECOMMENDATIONS/INSTRUCTIONS.
14	PROVIDE G TO FUTURE GAS RANGE. PROVIDE SHUT-OFF VALVE AND PRESSURE-REGULATING VALVE. CAP PIPING IN WALL AND PROVIDE ACCESS PANEL.
15	PROVIDE G TO HVAC EQUIPMENT.
16	PROVIDE G TO FUTURE GAS BBQ APPLIANCE. PROVIDE SHUT-OFF VALVE AND PRESSURE-REGULATING VALVE. CAP PIPING IN WALL AND PROVIDE ACCESS PANEL.
17	3/4" CW DROP. PROVIDE WALL HYDRANT EQUAL TO WOODFORD MODEL 25. PROVIDE INSULATION ON PIPING (DROP)

ACCORDINGLY. PIPING SHOWN DROPPING IN WALLS SHALL RUN UNDER COUNTER, WITHIN WALLS, OR AT CEILING BELOW TO FIXTURE(S). UTILITY PIPING CONNECTION TO FIXTURE/EQUIPMENT SHALL BE MADE IN ACCORDANCE WITH FIXTURE/EQUIPMENT MANUFACTURER'S RECOMMENDATIONS.



PLUMBING - Unit Type "E" - Part Plan : Level 5M - 509

SCALE: 1/4" = 1'-0"



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**HATTERS POINT**  
PLUMBING PART PLANS  
AMESBURY, MA

Prepared for: HATTERS POINT CAPITAL LLC.  
Location: PO BOX 1044 SUDBURY, MA 01776  
Title

DLA 2015  
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Mark	Date
1	Revision #3 - 01.15.16
2	ICC Review Comments
3	Permit Set
4	CD Pricing Set
5	Construction Docs Progress
6	Design Development Set

Revisions  
Date: 11.15.2015  
Scale: AS NOTED  
Job No.: 2394  
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