

1. THE DRAWINGS ON THESE PLANS ARE DIAGRAMMATIC. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING HIS WORK WITH OTHER TRADES TO PREVENT CONFLICTING STRUCTURE. NO EXTRA PAYMENTS WILL BE AUTHORIZED FOR REROUTING OR REMOVAL OF INSTALLED WORK DUE TO LACK OF COORDINATION WITH OTHER SYSTEMS.
2. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CUTTING AND PATCHING OF WALLS, FLOORS AND CEILINGS AS REQUIRED FOR INSTALLATION OF HIS WORK.
3. THIS CONTRACTOR SHALL FURNISH AND INSTALL ACCESS PANELS AS REQUIRED TO PROVIDE ACCESSIBILITY TO COMPONENTS (VALVES, TRAPS, CLEANOUTS, ETC.) IS REQUIRED FOR MAINTENANCE AND/OR SYSTEM OPERATION.
4. ALL PENETRATIONS THROUGH FIRE RATED PARTITIONS SHALL BE SEALED FIRE AND SMOKE TIGHT WITH AN APPROPRIATE U.L. LISTED FIRESTOPPING MATERIAL AND/OR SYSTEM.
5. ALL PENETRATIONS THROUGH FOUNDATIONS AND EXTERIOR WALLS SHALL BE PACKED WITH OAKUM AND SEALED WITH A WATERPROOF, NON-HARDENING SEALANT.
6. FURNISH AND INSTALL UNDER SINK PROTECTIVE PIPE COVER KITS ON EXPOSED PIPING AT ALL ADA ACCESSIBLE SINKS AND LAVATORIES.
7. COORDINATE FIXTURE ROUGH-INS AND INSTALLATIONS WITH THE ARCHITECTURAL PLANS.
8. ALL EXPOSED DOMESTIC WATER DISTRIBUTION PIPING IS TO BE INSULATED.
9. PROVIDE SHUT-OFF VALVES AT ALL BRANCH PIPING TAKE-OFFS (C/O) AND AT ALL CONNECTIONS TO EQUIPMENT. PROVIDE UNIONS AT ALL EQUIPMENT CONNECTIONS.
10. PROVIDE DRAINS WITH HOSE ADAPTERS AND CAPS ON PIPING AT ALL LOW POINTS. PROVIDE MANUAL VENTS ON PIPING AT ALL HIGH POINTS.
11. COORDINATE ELECTRICAL CHARACTERISTICS AND REQUIREMENTS OF ALL MECHANICAL EQUIPMENT WITH ELECTRICAL CONTRACTOR.
12. ALL REQUIRED MOTOR STARTERS SHALL BE FURNISHED BY THIS CONTRACTOR AND INSTALLED BY THE E.C.
13. ALL REQUIRED CONTROL EQUIPMENT AND WIRING SHALL BE FURNISHED & INSTALLED BY THIS CONTRACTOR.
14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING EXPANSION LOOPS AS NECESSARY IN ALL SUPPLY AND RETURN PIPING TO PROTECT PIPES AND STRUCTURE FROM DAMAGE DUE TO THERMAL EXPANSION AND CONTRACTION IN PIPES.
15. WHERE INSTALLATION OR REMOVAL OF BELOW-SLAB PIPING IS INDICATED IN EXISTING CONCRETE SLAB, THIS CONTRACTOR SHALL SPLIT-OUT AND EXCAVATE THE EXISTING SLAB AS REQUIRED. UPON COMPLETION OF WORK, THIS CONTRACTOR SHALL PATCH THE CONCRETE SLAB. FLOOR FINISH WORK BY G.C.
16. THE TERMS "PROVIDE" OR "FURNISH", AS USED ON THESE PLANS, INDICATE THAT THE CONTRACTOR IS TO FURNISH AND INSTALL THE NECESSARY EQUIPMENT AND MATERIALS AND THAT HIS ENTIRETY AS REQUIRED FOR A COMPLETE AND OPERABLE SYSTEM.
17. CONTRACTOR SHALL PROVIDE ALL COMPONENTS INDICATED ON DETAIL SHEETS, PLANS, SPECIFICATIONS AND ALL PERTINENT EQUIPMENT REQUIRED FOR A COMPLETE AND WORKABLE SYSTEM.
18. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING EXPANSION LOOPS AS NECESSARY IN ALL SUPPLY AND RETURN PIPING TO PROTECT PIPES AND STRUCTURE FROM DAMAGE DUE TO THERMAL EXPANSION AND CONTRACTION IN PIPES.
19. CONTRACT CLOSE OUT: IN THE PRESENCE OF THE OWNER, ENGINEER OR ARCHITECT, DEMONSTRATING OPERATION OF SYSTEMS AND THAT ALL SPECIFICATIONS HAVE BEEN MET TO THE SATISFACTION OF ALL PARTIES.
20. IT IS THE INTENT OF THESE PLANS AND SPECIFICATIONS TO PROVIDE ALTERATIONS AND/OR NEW CONSTRUCTION AS INDICATED ON THE DRAWINGS AND IN THE SPECIFICATIONS TO PROVIDE COMPLETE NEW CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL DETAIL NECESSARY FOR COMPLETION OF THESE SYSTEMS IN ACCORDANCE WITH GOOD PRACTICE.

- WHERE NOTED KITCHEN FIXTURES ONLY SHALL BE SERVED WITH (140°F) HOT WATER. (120°F) HOT WATER WILL SERVE HAND WASHING FIXTURES IN KITCHEN.
2. ALL OTHER AREAS SHALL BE SERVED WITH (110°F) HOT WATER. MAXIMUM OUTLET TEMPERATURE FOR ANY FIXTURE (EXCEPT THOSE IN KITCHEN) SHALL BE SET @ 100°F.
3. DRAIN PIPING SHOWN ON PLANS SHALL BE INSTALLED ABOVE THE FLOOR SHOWN (ABOVE CEILING OR BELOW SLAB OF UPPER FLOOR AS APPROPRIATE) UNLESS OTHERWISE NOTED.
4. ALL PLUMBING SUPPLY & VENT PIPING SHOWN SHALL BE INSTALLED IN THE CEILING OF THE FLOOR PLAN SHOWN, UNLESS OTHERWISE NOTED.
5. PLUMBING CONTRACTOR IS RESPONSIBLE FOR OWN CUTTING & PATCHING AS REQUIRED. FINISHING SHALL BE BY GENERAL CONTRACTOR.
6. INSTALL SECTORALIZING VALVES AT ALL MAIN 1" ON DOMESTIC HOT & COLD WATER SERVICE.
7. VENT PIPING UNDER SLABS SHALL BE A MINIMUM OF 2".
8. WASTE PIPING UNDER SLABS SHALL BE A MINIMUM OF 2".
9. ALL PLUMBING FIXTURES AND TRIM SHALL BE IN ACCORDANCE WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL CODES, AS WELL AS ALL ADA AND ANSI-A-117.1 REQUIREMENTS.
10. INSTALL CONDENSATION CONTROL INSULATION: MINIMUM 1"-INCH THICK FOR ALL PIPE SIZES.
 - A. COOLING COIL CONDENSATION PIPING TO WASTE PIPING FIXTURE OR INLET. (COORDINATE W/ MECHANICAL CONTRACTOR).
 - B. PLUMBING PIPING AS FOLLOWS:
 - a. BODY OF ROOF DRAINS AND STORM PIPE OF HORIZONTAL & VERTICAL RUNS, & OFFSETS (INCLUDING ELBOWS) OF INTERIOR DOWN SPOUT PIPING IN ALL AREAS
 - b. WASTE PIPING FROM ELECTRIC WATER COOLERS TO DRAINAGE SYSTEM.
 - c. WASTE PIPING LOCATED ABOVE BASEMENT FLOOR FROM AIR HANDLING UNITS, FROM FIXTURE (INCLUDING TRAP) TO MAIN VERTICAL WASTE PIPE. (COORDINATE W/ MECHANICAL CONTRACTOR).
 - d. COLD WATER PIPING.
11. HOT & HOT WATER RETURN PIPING SHALL BE INSULATED PER WRITTEN SPECIFICATIONS AND NYS ENERGY CONSERVATION CONSTRUCTION CODE.
12. PLUMBING CONTRACTOR SHALL REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION OF ROOF DRAINS AND FOR ADDITIONAL ROOF DRAIN WORK NOT SHOWN ON PLUMBING DRAWING.
13. ROOF LEADERS MUST BE CONVEYED INDEPENDENTLY FROM SANITARY SEWER SYSTEMS. (STORM DRAIN SHALL NEVER TIE INTO SANITARY SEWER SYSTEM).
14. UNLESS OTHERWISE NOTED, ALL VALVES 2" & SMALLER SHALL BE QUARTER-TURN BALL VALVES AND ALL VALVES 2½" & LARGER SHALL BE GATE VALVES. ALL VALVES SHALL BE OF FULL-PORT DESIGN.
15. PLUMBING CONTRACTOR SHALL OBTAIN ALL PERMITS REQUIRED & PAY ALL FEES.
16. PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR TRENCHING BEDDING AND BACK FILLING AS PER SPECIFICATIONS. ALL TRENCH WORK TO BE COORDINATED WITH THE GENERAL CONSTRUCTION CONTRACTOR.
17. ALL PENETRATIONS THROUGH FIRE RATED PARTITIONS SHALL BE SEALED FIRE AND SMOKE TIGHT WITH AN APPROPRIATE U.L. LISTED FIRESTOPPING MATERIAL AND OR SYSTEM.

1. EQUIPMENT SUPPLIED BY A VENDOR OTHER THAN THE KEC HAVE ALL PLUMBING, ELECTRICAL, AND HVAC MECHANICAL CONNECTIONS VERIFIED PRIOR TO CONSTRUCTION.
2. ALL ROUGH-IN/NS MUST BE MADE IN ACCORDANCE WITH APPLICABLE STATE & LOCAL CODES.
3. REFER TO EQUIPMENT SPECIFICATIONS BOOKLET FOR ADDITIONAL INFORMATION ON SUPPLIED KITCHEN EQUIPMENT.
4. ALL ROUGH-IN/NS AND FINAL CONNECTIONS TO BE FURNISHED AND INSTALLED BY PLUMBING CONTRACTOR.
5. GAS MAIN TO KITCHEN AREA REQUIRES A ELECTRIC-ACTUATED GAS SHUT OFF SOLENOID VALVE TO BE SUPPLIED & INSTALLED BY THE PLUMBING CONTRACTOR UNLESS OTHERWISE NOTED.
6. KITCHEN EQUIPMENT CONTRACTOR TO FURNISH GAS COOKING EQUIPMENT WITH PRESSURE REGULATORS & ALL OTHER APPURTENANCES REQUIRED PER MANUFACTURERS SPECIFICATIONS AND LOCAL CODES.
7. ALL INDIRECT DRAINS LINES ARE TO BE PIPED TO FLOOR DRAINS BY PLUMBING CONTRACTOR AND AIR GAPPED AS PER CODE.
8. PLUMBING CONTRACTOR TO FURNISH AND INSTALL HOT AND COLD WATER LINE CHECK VALVES AT ALL SPRAY SYSTEM UNIT MIXING VALVES.
9. KITCHEN EQUIPMENT TO BE PROVIDED & SET IN PLACE BY KITCHEN CONTRACTOR. ALL ROUGH-IN/NS FINAL CONNECTIONS BY PLUMBING CONTRACTOR. COORDINATE WITH KITCHEN CONTRACTOR FOR EXACT LOCATIONS.
10. ALL FAUCETS FOR FOOD SERVICE EQUIPMENT FURNISHED BY KITCHEN EQUIPMENT CONTRACTOR TO BE INSTALLED BY P.C.
11. SEE DWG (#) FOR ENLARGED KITCHEN LAYOUT PLAN, DETAILS, NOTES & MORE INFORMATION.
12. ALL APPURTENANCES AND SPECIALTIES REQUIRED FOR KITCHEN EQUIPMENT (GAS PRESSURE REGULATORS, WATER PRESSURE REDUCING VALVES, ETC.) TO BE FURNISHED BY KITCHEN EQUIPMENT CONTRACTOR AND INSTALLED BY PLUMBING CONTRACTOR.

GAS PIPING NOTES:

1. GAS PRESSURE WITHIN BUILDING SHALL NOT EXCEED 1/2 PSIG. PRIOR TO CONNECTION TO GAS SERVICE. ALL INDOOR ABOVE GROUND GAS PIPING (NOT COATED OR WRAPPED) SHALL BE TESTED TO 150 PSIG AT 15 PSIG FOR A PERIOD OF 1 HOUR WITH NO LOSS IN PRESSURE. ALL COATED OR WRAPPED GAS PIPING SHALL BE TESTED W/AIR PRESSURE AT 100 PSIG FOR A MINIMUM OF 1 HOUR WITH NO LOSS IN PRESSURE.
2. COORDINATE INSTALLATION AND FINAL CONNECTION OF GAS LINES WITH KITCHEN CONTRACTOR & G.C.
3. ALL GAS PIPING SHALL BE IN ACCORDANCE WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL CODES, AS WELL AS NFPA-54.
4. GAS PIPING UNDER SLABS, AND CROSSING CORRIDORS SHALL HAVE GAS TIGHT VENTED SLEEVES. (VENTED DIRECTLY AND INDEPENDENTLY TO THE OUTDOORS).
5. RELIEF VALVES AND NORMALLY OPEN VENT VALVES SHALL BE VENTED DIRECTLY AND INDEPENDENTLY TO THE OUTDOORS.
6. ALL GAS PIPING 3" & LARGER SHALL HAVE WELDED FITTINGS & CONNECTIONS. ALL GAS PIPING 2" & SMALLER SHALL HAVE GAS-TIGHT THREADED CONNECTIONS w/ THREAD SEALANT APPLIED FOR NATURAL GAS SERVICE.
7. CONTRACTOR SHALL COORDINATE ALL REQUIREMENTS FOR THE INSTALLATION OF THE NEW NATURAL GAS SERVICE TO BLDG. w/ LOCAL UTILITIES APPROXIMATELY THREE (3) WEEKS PRIOR TO START OF CONSTRUCTION. GAS SERVICE FROM MAIN UNDER STREET UP TO AND INCLUDING METER AT BLDG. SHALL BE BY UTILITY COMPANY. ALL TRENCHING, BEDDING & INSTALL SHALL BE BY PLUMBING CONTRACTOR AS PER O&R REQUIREMENTS. PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR ALL GAS PIPING FROM CONNECTION OF METER TO BLDG. THROUGH BLDG. AS PER PLANS, SPECIFICATIONS, NYS FUEL GAS CODE, NFPA-54, LOCAL CODES, AS WELL AS UTILITY COMPANY REQUIREMENTS. PLUMBING CONTRACTOR SHALL COORDINATE SCHEDULING REQUIREMENTS w/ SITE CONTRACTOR AS WELL. PLUMBING CONTRACTOR SHALL APPLY & OBTAIN ALL PERMITS REQUIRED & PAY ALL FEES.
8. ALL GAS PIPING PASSING THROUGH MASONRY WALLS SHALL BE SLEEVED w/ SCH. 80 PVC.
9. COORDINATE INSTALLATION OF GAS PIPING w/ ALL OTHER TRADES PRIOR TO INSTALLATION.

	DIRECTION OF FLOW
	ANCHOR
	PIPE GUIDE
	REDUCER OR INCREASER
	ECCENTRIC REDUCER
	TOP CONNECTION, 45° OR 90°
	BOTTOM CONNECTION, 45° OR 90°
	SIDE CONNECTION
	CAPPED OUTLET
	PIPE DOWN TURN
	PIPE RISE
	UNION
	DIRECTION OF PIPE PITCH (DOWN)

— · — · — · — · — · —	COLD WATER SUPPLY
— CD —	CONDENSATE DRAIN
— · · — · · — · · — · ·	HOT WATER RETURN
— · — · — · — · — · —	HOT WATER SUPPLY
— IW —	INDIRECT WASTE
— SN —	SANITARY LINE
— ST —	STORM LINE
-----	VENT PIPE

1. PIPE P&T VALVE TO FLOOR DRAIN.
2. PROVIDE BOILER DRAINS FOR EACH HEATER.
3. PROVIDE 4" CONCRETE HOUSEKEEPING PAD UNDER WATER HEATERS AND EXPANSION TANK.
4. PROVIDE UNIONS AT INLET AND OUTLET CONNECTIONS TO ALL EQUIPMENT.
5. ALL VALVES TO BE 1/4" TURN BALL VALVES, FULL PORT, UNLESS OTHERWISE NOTED.
6. INDEPENDENTLY SUPPORT PUMPS AS NECESSARY, ELECTRICAL CONNECTION BY E.C. CONTROL BY THIS CONTRACTOR.
7. MOTORIZED SENOLOID VALVES FOR SAFETY SHUTDOWN SHALL BE INSTALLED WITH AQUASTAT CONTROLLER SET AT +15°F ABOVE DELIVERY TEMPERATURE (ADJUSTABLE). VALVES SHALL BE SELF CONTAINED, AUTOMATIC RESETTING.

	OR		OR		GATE VALVE - THREADED/FLANGED
	OR		OR		GATE VALVE WITH 3/4" HOSE ADAPTER
	OR		OR		GLOBE VALVE - THREADED/FLANGED
	OR		OR		CHECK VALVE
	OR		OR		STRAINER
	OR		OR		WYE STRAINER (WITH BALL VALVE & HOSE CONNECTION)
	OR		OR		STRAINER WITH VALVED DRAIN AND QUICK-COUPLE HOSE CONNECTOR
	OR		OR		FLEXIBLE CONNECTION
	OR		OR		ANGLE GLOBE VALVE
	OR		OR		BUTTERFLY VALVE
	OR		OR		BALL VALVE
	OR		OR		CONTROL VALVE (CV) - FLOAT-OPERATED
	OR		OR		MODULATING CONTROL VALVE
	OR		OR		MODULATING CONTROL BUTTERFLY VALVE
	OR		OR		TWO POSITION CONTROL VALVE
	OR		OR		THREE-WAY MODULATING CONTROL VALVE
	OR		OR		THREE-WAY TWO POSITION CONTROL VALVE
	OR		OR		PRESSURE REGULATING VALVE
	OR		OR		PRESSURE REDUCING VALVE (PRV)
	OR		OR		TEMPERATURE & PRESSURE RELIEF VALVE
	OR		OR		SAFETY OR PRESSURE RELIEF VALVE
	OR		OR		AUTOMATIC BALANCING CONTROL VALVE
	OR		OR		WATER BALANCE DEVICE
	OR		OR		WATER FLOW MEASURING DEVICE
	OR		OR		CIRCUIT SETTER VALVE
	OR		OR		GATE VALVE WITH GLOBE-VALVED BYPASS
	OR		OR		TRIPLE DUTY VALVE
	OR		OR		WATER LEVEL CONTROLLER
	OR		OR		FLOW METER
	OR		OR		COMBINATION BALANCING AND SHUT-OFF VALVE

A	MEDICAL AIR
ACT	ACOUSTIC CEILING TILE
AD	ACCESS DOOR
AFF	ABOVE FINISHED FLOOR
AP	ACCESS PANEL
AW	ACID WASTE PIPE
BTUH	BRITISH THERMAL UNITS/HOUR
CLG	CEILING
CO	CLEAN OUT
CP	CONDENSATE PUMP
CW	DOMESTIC COLD WATER
DA	DIAMETER
D	DRAIN
DN	DOWN
DP	DIFFERENTIAL PRESSURE
E.C.	ELECTRICAL CONTRACTOR
ECC	ENGINEERING CONTROL CENTER
EMD	END OF MAIN DRIP (STEAM)
ET	EXPANSION TANK
EUH	ELECTRIC UNIT HEATER
EXIST	EXISTING
FC	FLEXIBLE CONNECTION
FCO	FLOOR CLEAN OUT
FD	FLOOR DRAIN
FLR	FLOOR
FPC	FIRE PROTECTION CONTRACTOR
G.C.	GENERAL CONTRACTOR
GPM	GALLONS PER HOUR
GPM	GALLONS PER MINUTE
G.SAN	"GRAVE LADEN" SANITARY DRAINAGE PIPE
H.C.	HYVAC CONTRACTOR
HP	HORSE POWER
HTR	HIGH TEMP. HOT WATER RETURN PIPE (125°F)
HTWS	HIGH TEMP. HOT WATER PIPE (125°F)
HW	DOMESTIC HOT WATER PIPE (115°F)
HWR	DOMESTIC HOT WATER RETURN PIPE (115°F)
LBS/HR	POUNDS PER HOUR
	LINEAR FEET
MAX.	MAXIMUM
MBH	ONE THOUSAND BTUH
MER	MECHANICAL EQUIPMENT ROOM
MIN.	MINIMUM
MV	MEDICAL VACUUM
NOM.	NOMINAL
O	OXYGEN
P	PUMP
P.C.	PLUMBING CONTRACTOR
PD	PRESSURE DROP (FEET OF WATER)
PR	PRESSURE REDUCING VALVE
PSI	POUNDS PER SQUARE INCH
SAN	SANITARY DRAINAGE PIPE
S.S.	STAINLESS STEEL
ST	STORM DRAINAGE PIPE
UH	UNIT HEATER
UNLO.	UNLESS NOTED OTHERWISE
V	VENT PIPE
VI	VIBRATION ISOLATOR
VF	VERIFY IN FIELD
VTR	VENT THROUGH ROOF
WFO	WALL CLEAN OUT
WFL	WATER FILTER
WFM	WATER FLOW MEASURING DEVICE
WH	WATER HEATER

	POINT OF CONNECTION BETWEEN NEW AND EXISTING WORK
	POINT OF DISCONNECT
	INDICATES SECTION LETTER
	INDICATES DRAWING NUMBER WHERE LOCATED
	PUMP

	PIPE DIAMETER (IN)	
	LESS THAN 1/2"	1/2" AND LARGER
COLD WATER	1/2"	1"
HOT WATER SUPPLY	1"	1 1/2"
HOT WATER RETURN	1/2"	1"

1. INSULATION SHALL HAVE A THERMAL CONDUCTIVITY (K-VALUE) OF .25 BTUIN/(HR*FT*F)
2. ALL EDGES SHALL BE CLEAN CUT.
3. ALL SEAMS AND BUTT JOINTS SHALL BE ADHERED AND SEALED USING ARMAFLEX 520 ADHESIVE (OR APPROVED EQUAL).
4. ALL EXPOSED END CUTS SHALL BE COATED WITH ARMAFLEX ADHESIVE (OR APPROVED EQUAL).
5. INSULATION AT HIGH END OF PIPING RUNS SHALL BE ADHERED DIRECTLY TO THE PIPING US A 1" STRIP OF 520 ADHESIVE ON THE INTERIOR DIAMETER FO THE INSULATION AND ON THE PIPE.

FITURE DESIGNATION	DRAIN	VENT	WATER SUPPLY	
			CW	HW
WC-1 & 2	4"	2"	1"	---
WC-1 & 2	3"	1 1/2"	1"	---
U-1 & 2	2"	1 1/2"	3/4"	---
LV-1, 2, & 3	1 1/2"	1 1/2"	3/4"	3/4"
DF-1	1 1/2"	1 1/2"	3/4"	3/4"
MS-1	3"	---	3/4"	---
HB-1	---	---	3/4"	---
S-1	1 1/2"	1 1/2"	---	3/4"
LM-1	2"	1 1/2"	3/4"	3/4"
SW-1 & 2	2"	1 1/2"	3/4"	3/4"
KS-1	1 1/2"	1 1/2"	3/4"	3/4"
FD-1	3"	1 1/2"	---	---
FD-2	2"	1 1/2"	---	---
FS-1	4"	2"	---	---
FS-2	3"	1 1/2"	---	---

	POINT OF CONNECTION BETWEEN NEW AND EXISTING WORK	DESIGNED BY: ECR	DRAWN BY: SRB	CHECKED BY: EDF	REVIEWED BY: MDF
	POINT OF DISCONNECT	PROJECT No: FILB 1501	DATE: 11/15/19	SCALE: AS SHOWN	

**Montebello Realty
GP LLC**

Braemar at Montebello Assisted Living Residence

**Montebello Crossing,
250 Lafayette Avenue
(Route 59)
Village of Montebello
New York**

CONTRACT

STATUS	ISSUE FOR BID
--------	---------------

SHEET TITLE

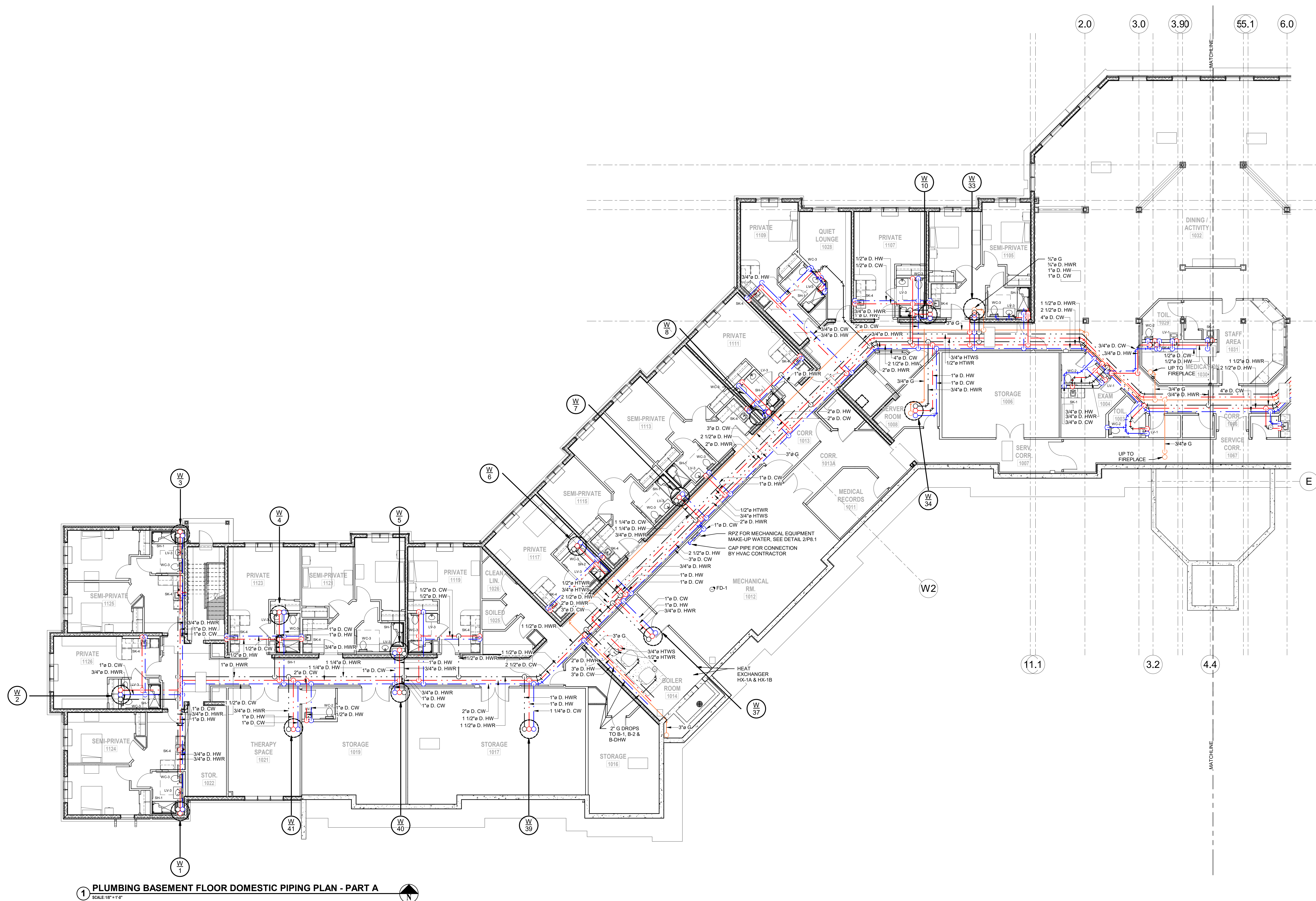
PLUMBING: SYMBOLS, ABBREVIATIONS & NOTES

DRAWING N

P0.1

SHEET No. _____

4



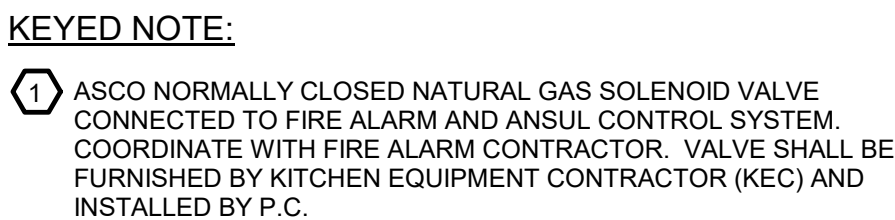
1 PLUMBING BASEMENT FLOOR DOMESTIC PIPING PLAN - PART A
SCALE: 1/8" = 1'-0"

ALTERATION OF THIS DOCUMENT EXCEPT BY A LICENSED PROFESSIONAL IS ILLEGAL.			
DESIGNED BY: ECR	DRAWN BY: SRB	CHECKED BY: EDF	REVIEWED BY: °
PROJECT NO: FILB 1501	DATE: 11/15/19	SCALE: AS SHOWN	

Braemar at Montebello Assisted Living Residence

CONTRACT

DRAWING No.	SHEET No.
P1.0B	OF



Melville, NY 11747
631.756.8000 • www.h2m.com

www.fellp.com

22 Mulberry St., Suite 2A,
Middletown, NY 10940
t 845-343-1481 fx 855-320-8735 Project #: 15-345

MARK	DATE	DESCRIPTION
	01/24/20	FINAL BID / PERMIT
	04/15/22	90% V.E. SUBMISSION
	06/3/22	ISSUE FOR BID

DESIGNED BY: ECR	DRAWN BY: SRB	CHECKED BY: EDF	REVIEWED BY: °
PROJECT No: FILB 1501	DATE: 11/15/19	SCALE: AS SHOWN	

**Montebello Realty
GP LLC**

**Braemar at Montebello Assisted
Living Residence**

**Montebello Crossing,
250 Lafayette Avenue
(Route 59)
Village of Montebello
New York**

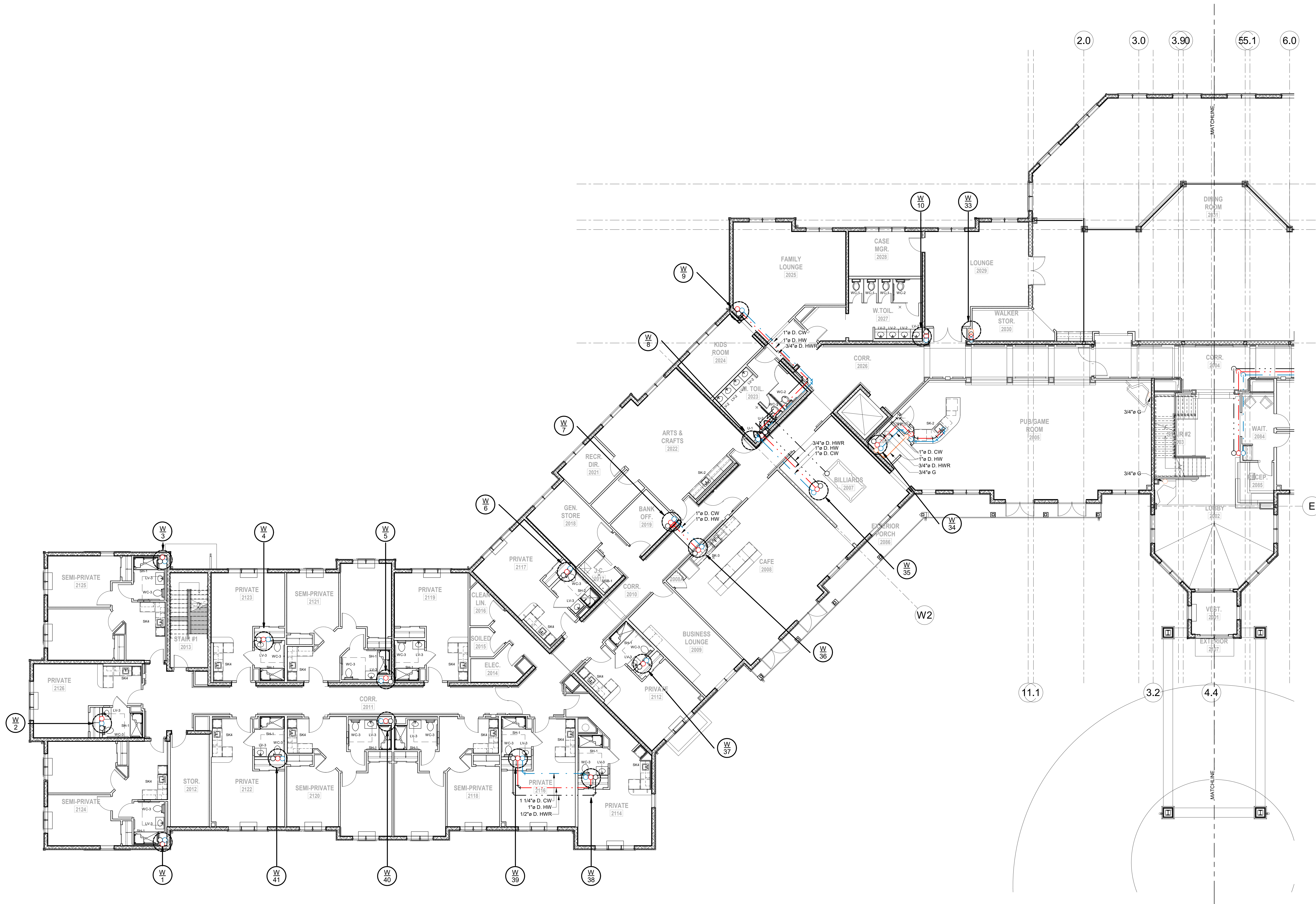
CONTRACT

ISSUE FOR BID

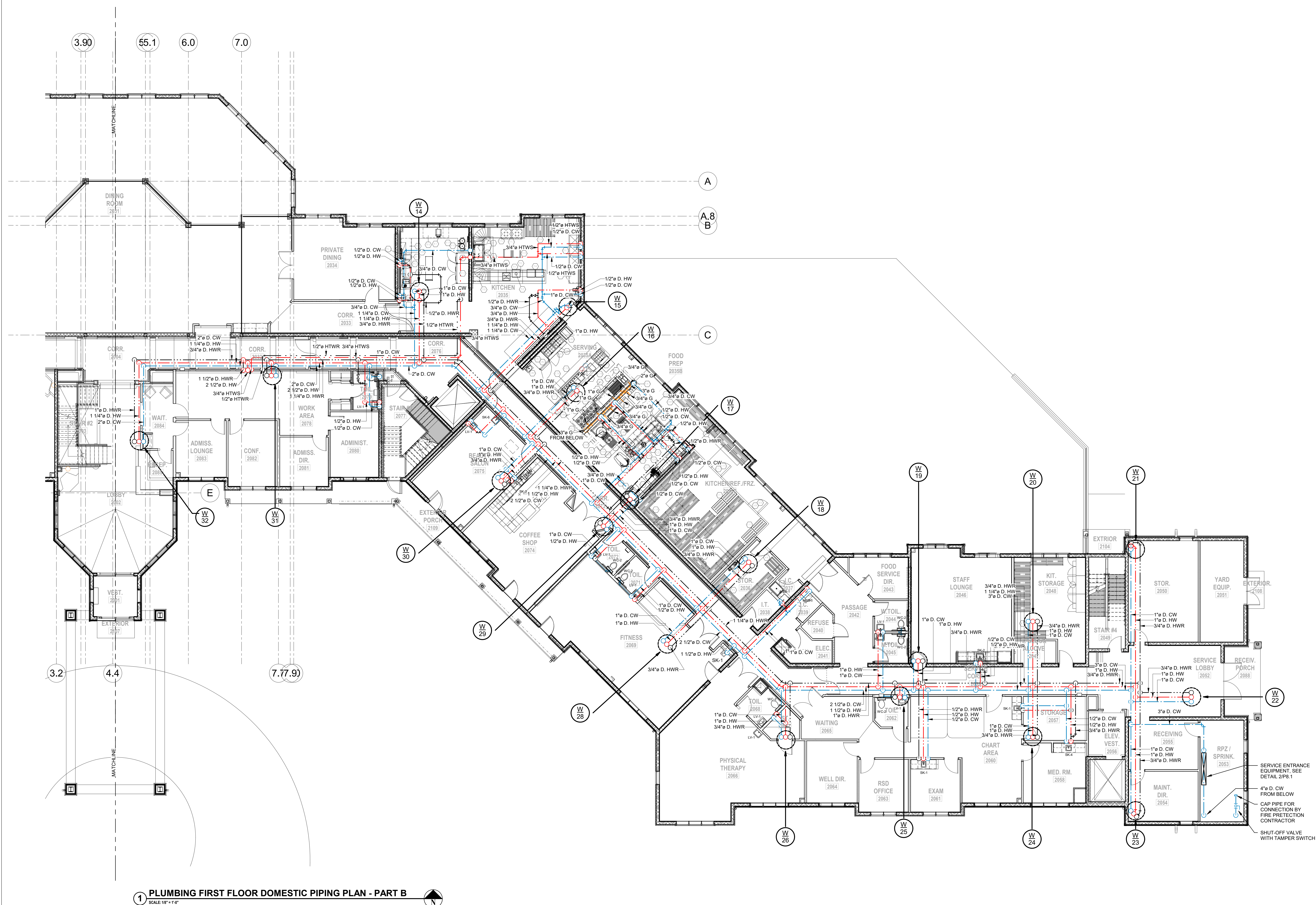
**PLUMBING PARTIAL FIRST
FLOOR DOMESTIC PIPING
PLAN - AREA A**

P1.1A

SHEET No. _____
OF _____



1 PLUMBING FIRST FLOOR DOMESTIC PIPING PLAN - PART A
SCALE: 1/8" = 1'-0"

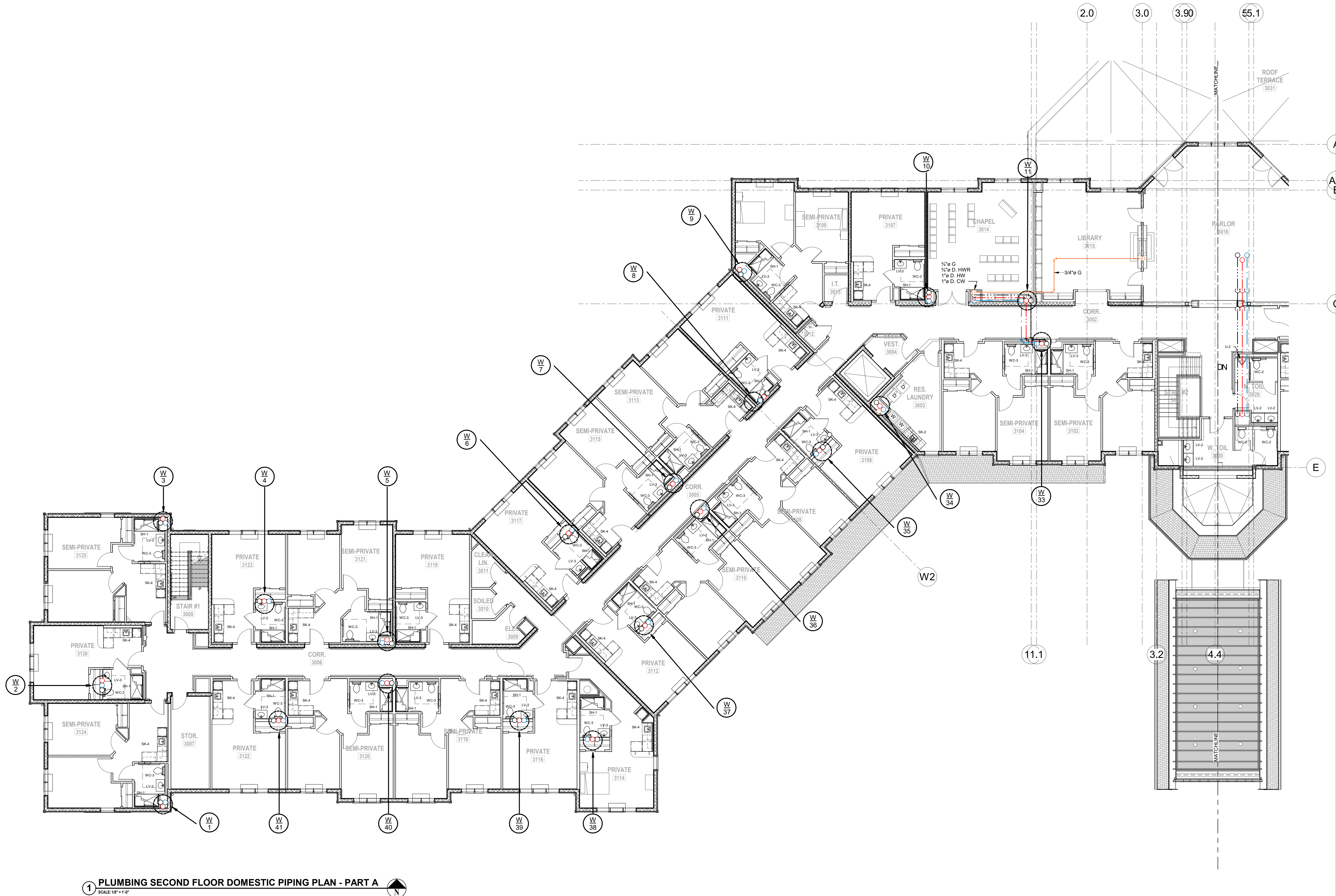


1 PLUMBING FIRST FLOOR DOMESTIC PIPING PLAN - PART B
SCALE: 1/8" = 1'-0"

SCALE: 1/8" = 1'-0"

2025 RELEASE UNDER E.O. 14176

[illegible]



1 PLUMBING SECOND FLOOR DOMESTIC PIPING PLAN - PART A
SCALE: 1/8" = 1'-4" 

**Broad Hollow Road, 4th Floor East
Melville, NY 11747
631.756.8000 • www.h2m.com**

www.fellp.com

**22 Mulberry St., Suite 2A,
Middletown, NY 10940
t 845-343-1481 fx 855-320-8**

ject #: 15-345

1/24/20	FINAL BID / PERMIT
4/15/22	90% V.E. SUBMISSION
6/3/22	ISSUE FOR BID

SRB	EDF	
DATE:	11/15/19	SCALE:
		AS SHOW

GP LLC

**Braemar at Montebello Assisted
Living Residence**

Montebello Crossing,
50 Lafayette Avenue
(Route 59)
Village of Montebello
New York

ISSUE FOR BID

**PLUMBING PARTIAL
SECOND FLOOR
DOMESTIC PIPING PLAN -
AREA B**

P1.2B

6/3/2022 2:11:24 PM

538 Broad Hollow Road, 4th Floor East
Melville, NY 11747
631.756.8000 • www.h2m.com

www.fellp.com

Case #: 15-345

[illegible]

			
CORR. 4014			
"LITIGATION OF THIS DOCUMENT ACCEPT BY A LICENSEE IS PROHIBITED BY LAW."			
DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
ECR	SRB	EDF	
PROJECT NO:	DATE:	SCALE:	
FILB 1501	11/15/19	AS SHOWN	

**Montebello Realty
GP LLC**

**Braemar at Montebello Assisted
Living Residence**

**Montebello Crossing,
250 Lafayette Avenue
(Route 59)
Village of Montebello
New York**

CONTRACT	
----------	--

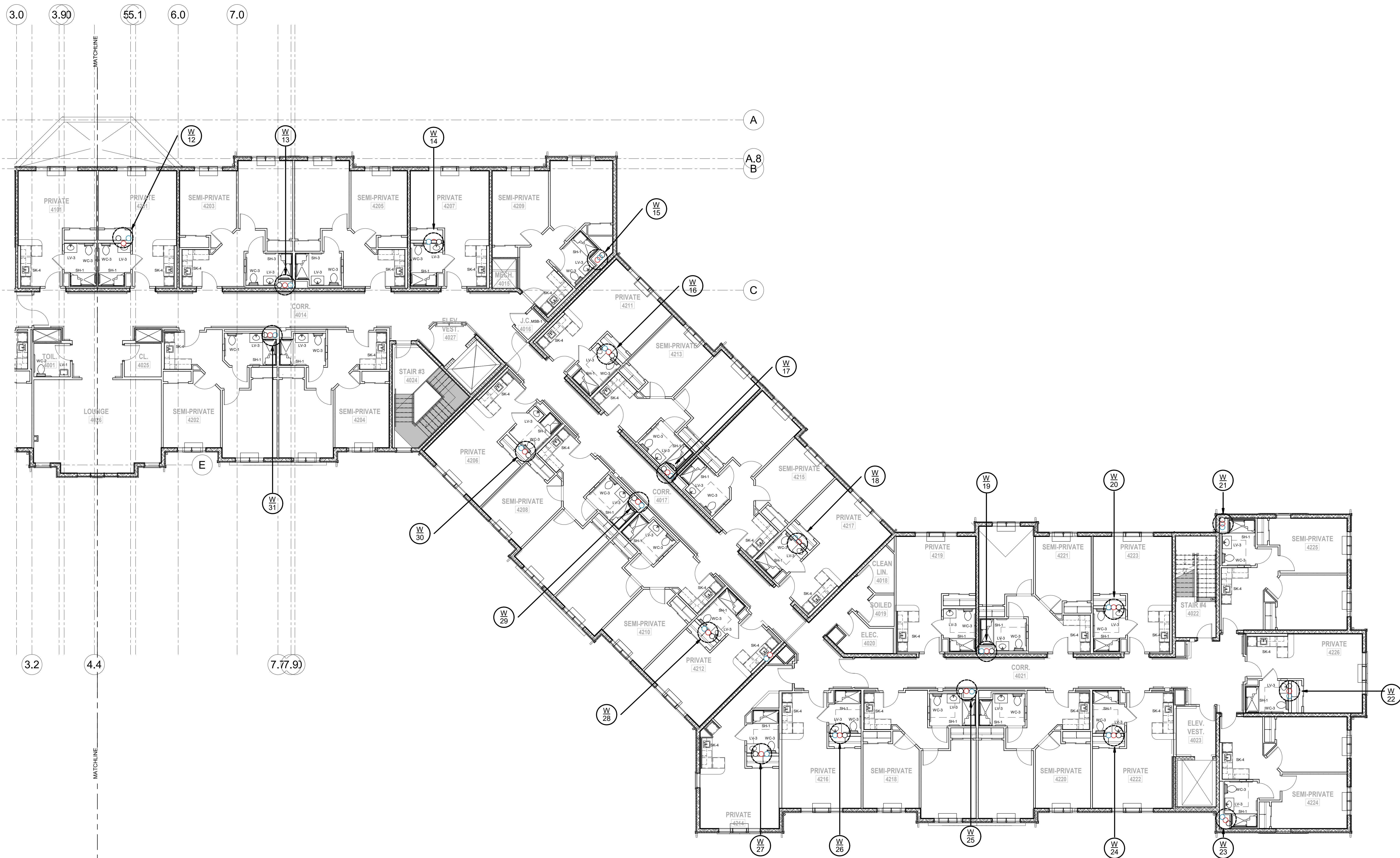
ISSUE FOR BID

**PLUMBING PARTIAL
THIRD FLOOR DOMESTIC
PIPING PLAN - AREA A**

P1.3A

SHEET No. _____
OF _____





1 PLUMBING THIRD FLOOR DOMESTIC PIPING PLAN - PART B
SCALE: 1/8" = 1'-0"

**Broad Hollow Road, 4th Floor East
Melville, NY 11747
631.756.8000 • www.h2m.com**

w.fellp.com

15-345

1/24/20	FINAL BID / PERMIT
1/15/22	90% V.E. SUBMISSION
6/3/22	ISSUE FOR BID

ECR	SRB	EDF	
PROJECT No:	DATE:	SCALE:	
FILB 1501	11/15/19	AS SHOWN	

**Montebello Realty
GP LLC**

**Braemar at Montebello Assisted
Living Residence**

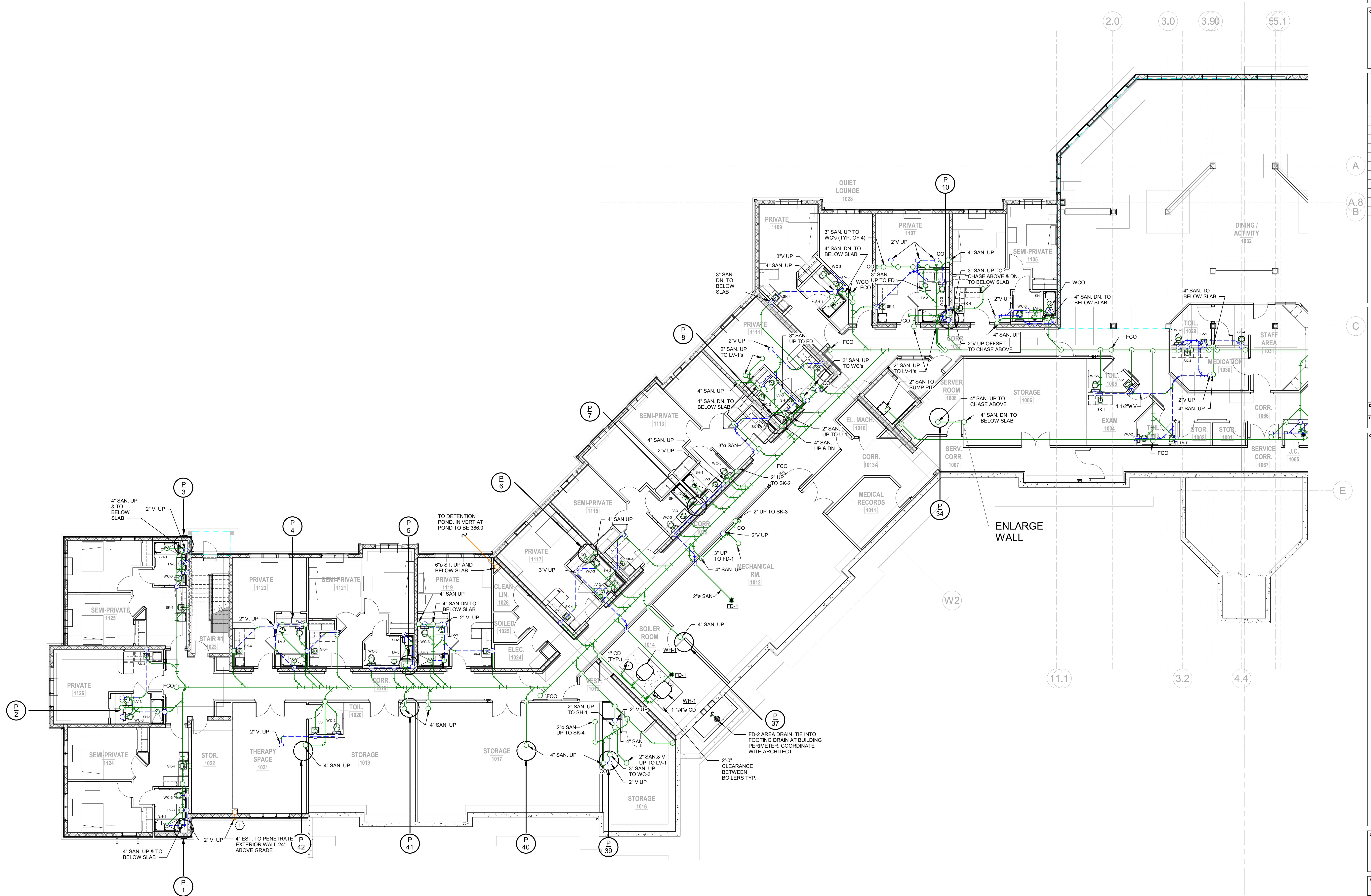
**Montebello Crossing,
250 Lafayette Avenue
(Route 59)
Village of Montebello
New York**

ISSUE FOR BID

**PLUMBING PARTIAL
BASEMENT FLOOR
SANITARY & VENT PLAN -
AREA A**

P2.0A

HEET No. _____
OF _____



1 PLUMBING BASEMENT FLOOR SANITARY & VENT PLAN - PART A
SCALE: 1/8" = 1'-0"

KEYED NOTES:

1 PROVIDE ZURN ZF199 DOWNSPOUT NOZZLE AT EMERGENCY STORM DRAIN PENETRATIONS. COLOR BY ARCHITECT.

Broad Hollow Road, 4th Floor East
Melville, NY 11747
631.756.8000 • www.h2m.com

w.fellp.com

**22 Mulberry St., Suite 2A,
Middletown, NY 10940
t 845-343-1481 fx 855-320-8735**

DATE	DESCRIPTION
01/24/20	FINAL BID / PERMIT
04/15/22	90% V.E. SUBMISSION
06/3/22	ISSUE FOR BID

DESIGNED BY: ECR	DRAWN BY: SRB	CHECKED BY: EDF	REVIEWED BY: °
PROJECT No: FILB 1501		DATE: 11/15/19	SCALE: AS SHOWN

**Montebello Realty
GP LLC**

**Remar at Montebello Assisted
Living Residence**

Montebello Crossing,
50 Lafayette Avenue
(Route 59)
Village of Montebello
New York

--

ISSUE FOR BID

**PLUMBING PARTIAL
BASEMENT FLOOR
SANITARY & VENT PLAN -
AREA B**

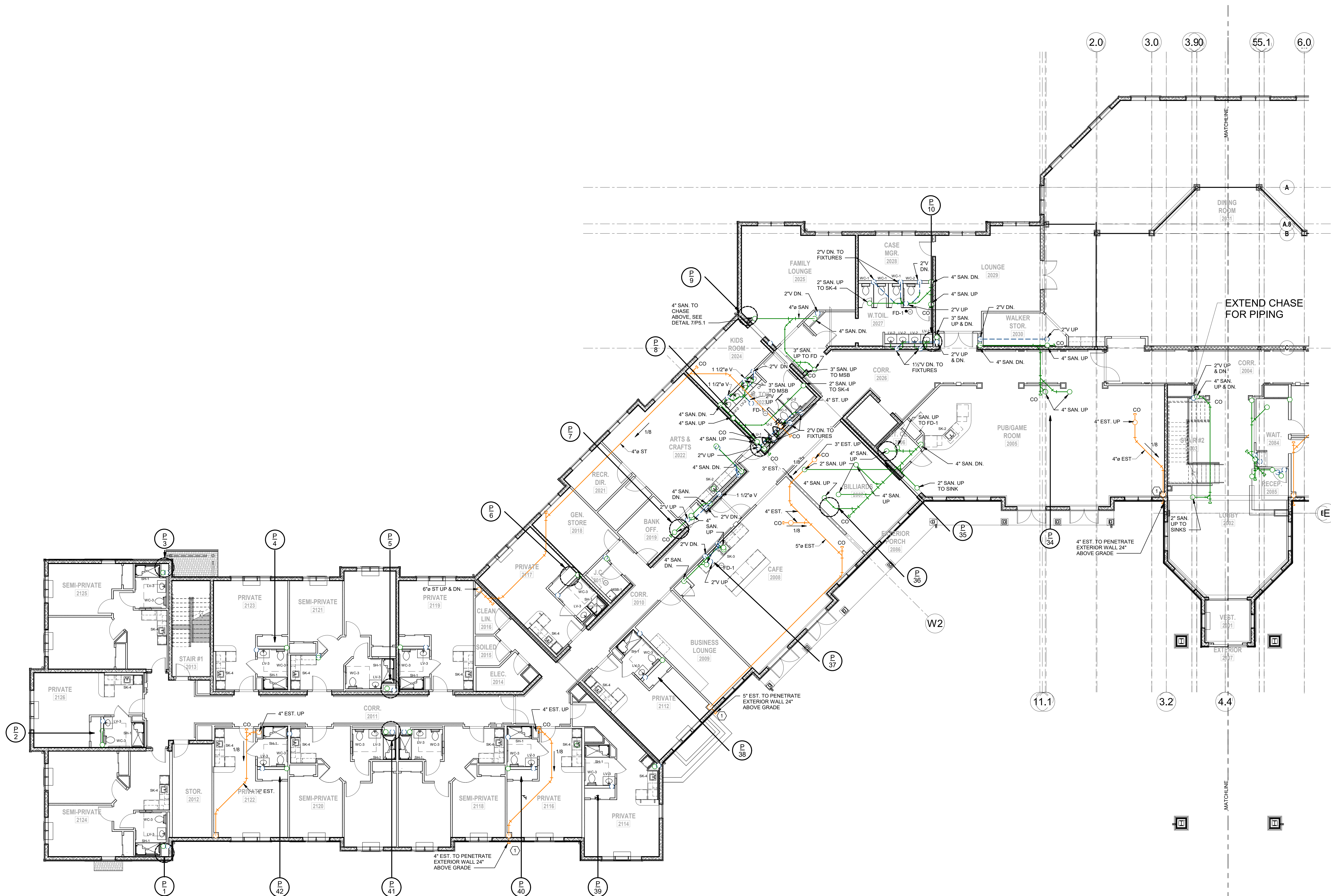
P2.0B

SHEET No. _____

OF _____



SCALE: 1/8" = 1'-0"



1 PLUMBING FIRST FLOOR SANITARY & VENT PLAN - PART A
SCALE: 1/8" = 1'-0"

KEYED NOTES:

① PROVIDE ZURN ZF199 DOWNSPOUT NOZZLE AT EMERGENCY STORM DRAIN PENETRATIONS. COLOR BY ARCHITECT.

**Broad Hollow Road, 4th Floor East
Melville, NY 11747
631.756.8000 • www.h2m.com**

w.fellp.com

**22 Mulberry St., Suite 2A,
Middletown, NY 10940
t 845-343-1481 fx 855-320-8735**

DATE	DESCRIPTION
01/24/20	FINAL BID / PERMIT
04/15/22	90% V.E. SUBMISSION
06/3/22	ISSUE FOR BID

DESIGNED BY: ECR				DRAWN BY: SRB		CHECKED BY: EDF		REVIEWED BY: 0	
PROJECT No: FILB 1501			DATE: 11/15/19			SCALE: AS SHOWN			

**Montebello Realty
GP LLC**

Braemar at Montebello Assisted Living Residence

**Montebello Crossing,
50 Lafayette Avenue
(Route 59)
Village of Montebello
New York**

CONTRACT

ISSUE FOR BID

PLUMBING PARTIAL FIRST
FLOOR SANITARY & VENT
PLAN - AREA B

P2.1B

8/23/2022 2:13:33 PM



① PROVIDE ZURN ZF199 DOWNSPOUT NOZZLE AT EMERGENCY STORM DRAIN PENETRATIONS. COLOR BY ARCHITECT.

MARK	DATE	DESCRIPTION
	01/24/20	FINAL BID / PERMIT
	04/15/22	90% V.E. SUBMISSION
	06/3/22	ISSUE FOR BID

A		
A.8		
B		

C		
---	--	--

DESIGNED BY: ECR	DRAWN BY: SRB	CHECKED BY: EDF	REVIEWED BY:
PROJECT No: FILB 1501	DATE: 11/15/19	SCALE: AS SHOWN	

CLIENT
**Montebello Realty
GP LLC**

**Braemar at Montebello Assisted
Living Residence**

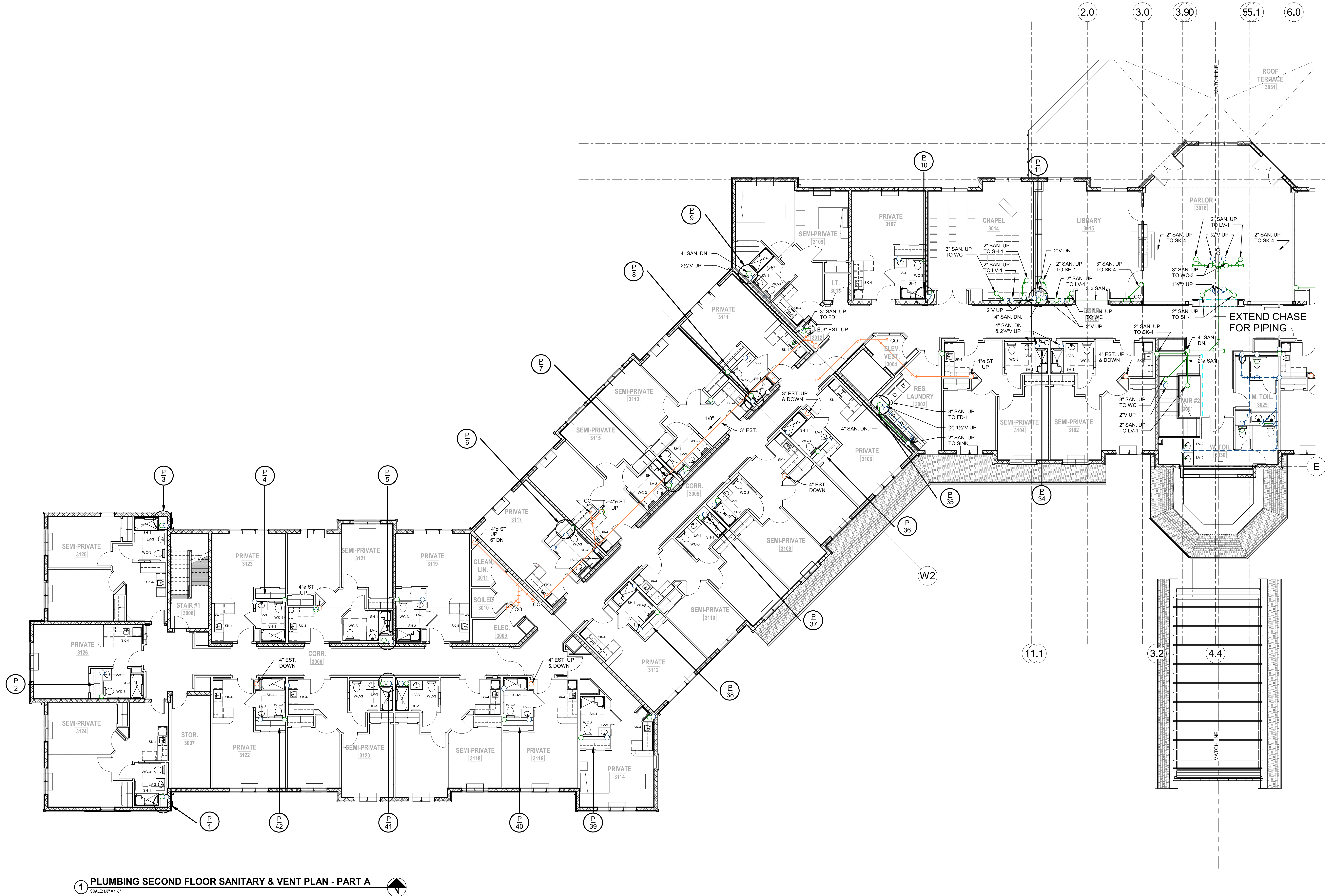
**Montebello Crossing,
250 Lafayette Avenue
(Route 59)
Village of Montebello
New York**

CONTRACT

STATUS
ISSUE FOR BID

SHEET TITLE
**PLUMBING PARTIAL
SECOND FLOOR
SANITARY & VENT PLAN -
AREA A**

DRAWING No.
P2.2A
OF



1 PLUMBING SECOND FLOOR SANITARY & VENT PLAN - PART A
SCALE: 1/8" = 1'-0"

538 Broad Hollow Road, 4th Floor East
Melville, NY 11747
631.756.8000 • www.h2m.com

CONSULTANTS:

FELLENZER III
ENGINEERING LLP

22 Mulberry St., Suite 2A,
Middletown, NY 10940
t 845-343-1481 fx 855-320-8735

[illegible]

ALTERATION OF THIS DOCUMENT EXCEPT BY A LICENSED PROFESSIONAL IS ILLEGAL.			
DESIGNED BY: ECR	DRAWN BY: SRB	CHECKED BY: EDF	REVIEWED BY: o
PROJECT No: FILB 1501	DATE: 11/15/19	SCALE: AS SHOWN	

**Montebello Realty
GP LLC**

**Braemar at Montebello Assisted
Living Residence**

**Montebello Crossing,
250 Lafayette Avenue
(Route 59)
Village of Montebello
New York**

CONTRACT

STATUS	ISSUE FOR BID
--------	---------------

SHEET TITLE

**PLUMBING PARTIAL
SECOND FLOOR
SANITARY & VENT PLAN -
AREA B**

DRAWING No. **P2.2B**



**Broad Hollow Road, 4th Floor East
Melville, NY 11747
631.756.8000 • www.h2m.com**

FELLENZER III
ENGINEERING LLP

22 Mulberry St., Suite 2A,
Middletown, NY 10940
t 845-343-1481 fx 855-320-8735 Project #: 15-345

[illegible]

DESIGNED BY: ECR	DRAWN BY: SRB	CHECKED BY: EDF	REVIEWED BY: 0
PROJECT No: FILB 1501		DATE: 11/15/19	SCALE: AS SHOWN

**Montebello Realty
GP LLC**

**Braemar at Montebello Assisted
Living Residence**

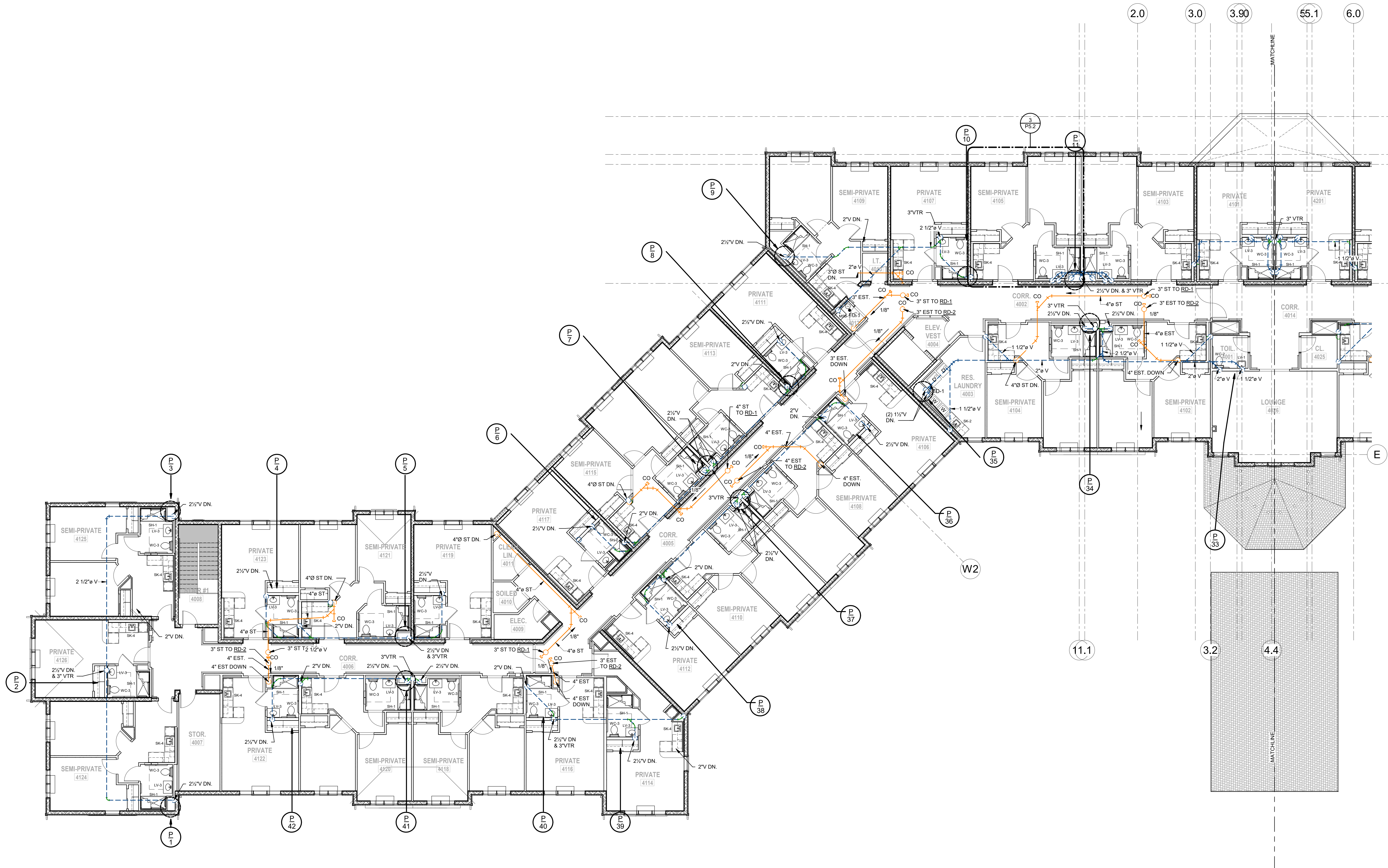
Montebello Crossing,
50 Lafayette Avenue
(Route 59)
Village of Montebello
New York

CONTRACT

ISSUE FOR BID

**PLUMBING PARTIAL
THIRD FLOOR SANITARY &
VENT PLAN - AREA A**

P2.3A



1 PLUMBING THIRD FLOOR SANITARY & VENT PLAN - PART A
SCALE: 1/8" = 1'-0"

**Broad Hollow Road, 4th Floor East
Melville, NY 11747
631.756.8000 • www.h2m.com**

w.fellp.com

**22 Mulberry St., Suite 2A,
Middletown, NY 10940
t 845-343-1481 fx 855-320-8735**

DATE	DESCRIPTION
01/24/20	FINAL BID / PERMIT
04/15/22	90% V.E. SUBMISSION
06/3/22	ISSUE FOR BID

DESIGNED BY: ECR	DRAWN BY: SRB	CHECKED BY: EDF	REVIEWED BY: °
PROJECT No: FILB 1501		DATE: 11/15/19	SCALE: AS SHOWN

**Montebello Realty
GP LLC**

**Remar at Montebello Assisted
Living Residence**

Montebello Crossing,
50 Lafayette Avenue
(Route 59)
Village of Montebello
New York

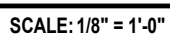
--

ISSUE FOR BID

**PLUMBING PARTIAL
THIRD FLOOR SANITARY &
VENT PLAN - AREA B**

P2.3B

6/3/2022 2:15:01 PM



538 Broad Hollow Road, 4th Floor East
Melville, NY 11747
631.756.8000 • www.h2m.com

FELLENZER III
ENGINEERING LLP

**22 Mulberry St., Suite 2A,
Middletown, NY 10940
t 845-343-1481 fx 855-320-8735**

[illegible]

*ALTERATION OF THIS DOCUMENT EXCEPT BY A LICENSED PROFESSIONAL IS ILLEGAL.			
DESIGNED BY: ECR	DRAWN BY: SRB	CHECKED BY: EDF	REVIEWED BY: O
PROJECT NO: FILB 1501	DATE: 11/15/19	SCALE: AS SHOWN	

**Montebello Realty
GP LLC**

**Braemar at Montebello Assisted
Living Residence**

**Montebello Crossing,
250 Lafayette Avenue
(Route 59)
Village of Montebello
New York**

CONTRACT

ISSUE FOR BID

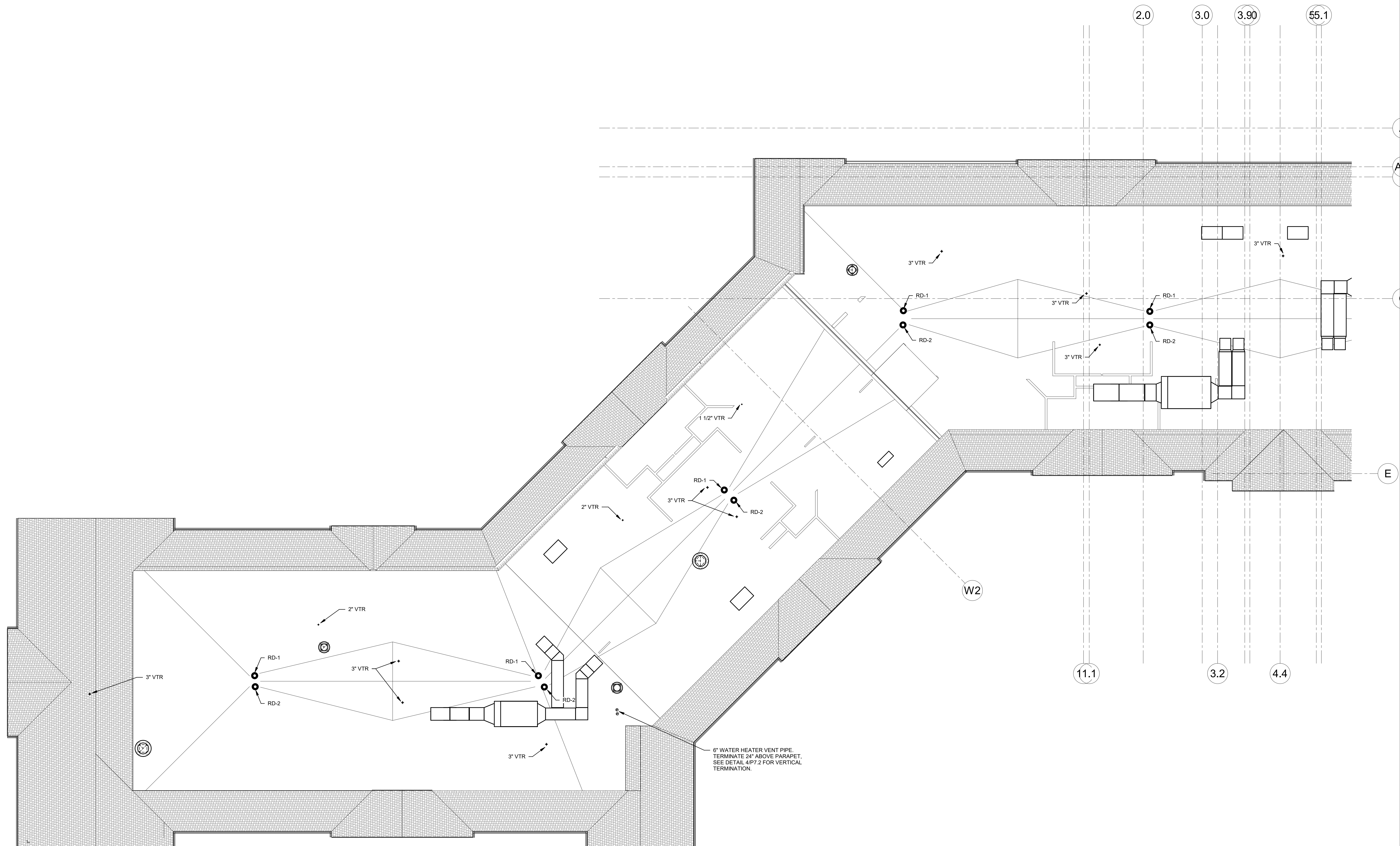
SHEET TITLE

**PLUMBING ROOF PLAN -
AREA A**

DRAWING No.	SHEET No.
-------------	-----------

P4.1A

C:\Users\ah\Desktop\Bentl | Local Files\15-345A MONTEREY | 017-0208 FBI B1501 Central17 M/J QCAI File F 2021VA rm



1 PLUMBING SANITARY ROOF PLAN - PART A
SCALE: 1/8" = 1'-0"

38 Broad Hollow Road, 4th Floor East
Melville, NY 11747
631.756.8000 • www.h2m.com

FELLENZER III
ENGINEERING LLP

**22 Mulberry St., Suite 2A,
Middletown, NY 10940**
t 845-343-1481 fx 855-320-8735

[illegible]

"ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED EXCEPT WHERE SHOWN OTHERWISE."			
DESIGNED BY: ECR	DRAWN BY: SRB	CHECKED BY: EDF	REVIEWED BY: O
PROJECT No: FILB 1501		DATE: 11/15/19	SCALE: AS SHOWN

**Montebello Realty
GP LLC**

**Braemar at Montebello Assisted
Living Residence**

**Montebello Crossing,
250 Lafayette Avenue
(Route 59)
Village of Montebello
New York**

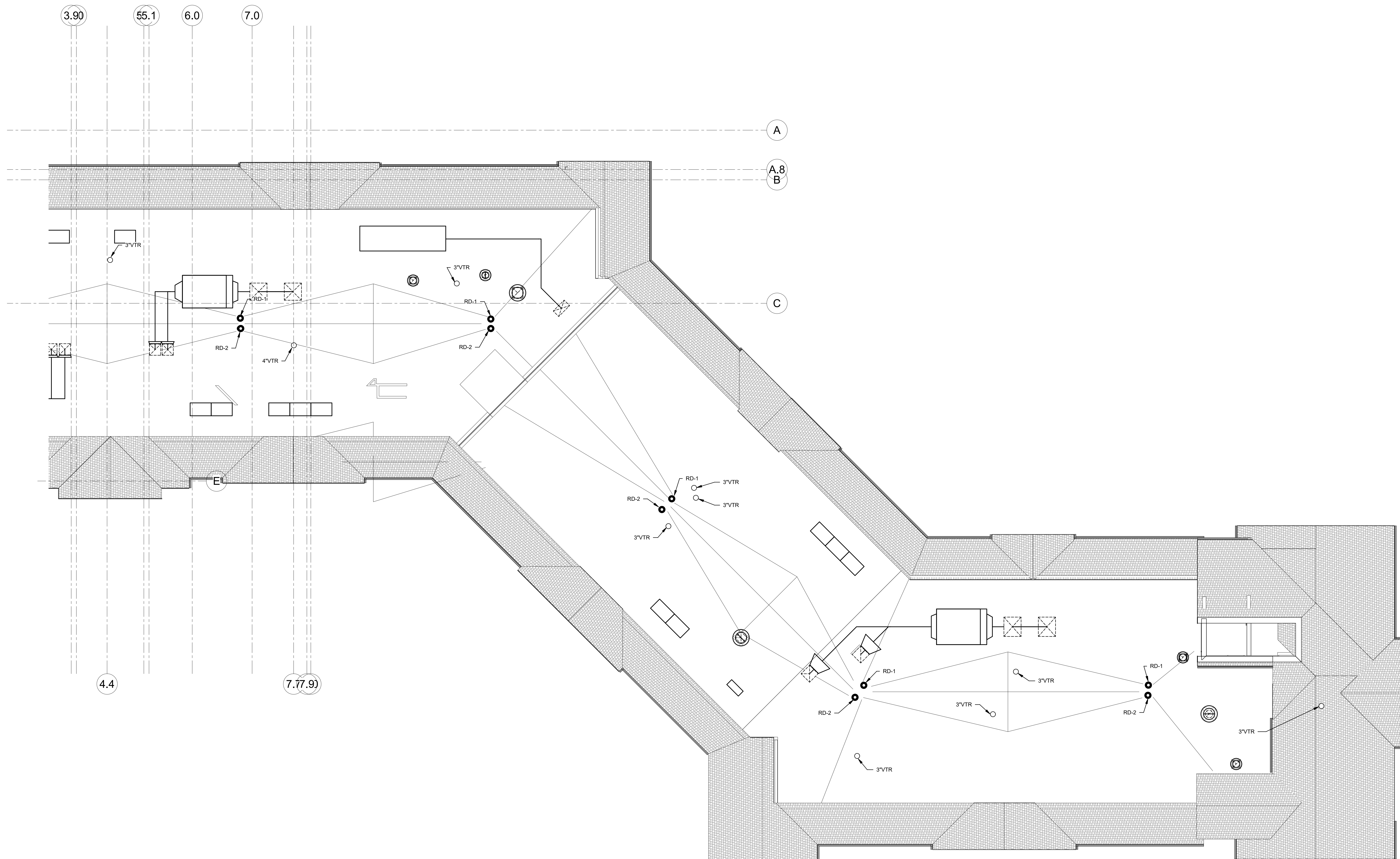
CONTRACT

STATUS	ISSUE FOR BID
--------	---------------

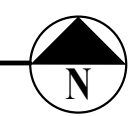
SHEET TITLE

**PLUMBING ROOF PLAN -
AREA B**

DRAWING No. P4.1B	SHEET No. 
--	---



1 PLUMBING SANITARY ROOF PLAN - PART B
SCALE: 1/8" = 1'-0"





- ① 4" SANITARY STACK DOWN TO BELOW SLAB
- ② 3" VENT STACK UP
- ③ 3" SANITARY STACK DOWN
- ④ 2" VENT STACK UP



FELLENZER
ENGINEERING LLP

"ALTERATION OF THIS DOCUMENT EXCEPT BY A LICENSED PROFESSIONAL IS ILLEGAL."			
DESIGNED BY: ECR	DRAWN BY: SRB	CHECKED BY: EDF	REVIEWED BY: MDF
PROJECT No: FILB 1501	DATE: 11/15/19	SCALE: AS SHOWN	

**Braemar at Montebello Assisted
Living Residence**

P6.01





CLIENT

**Montebello Realty
GP LLC**

Montebello Crossing,
250 Lafayette Avenue
(Route 59)
Village of Montebello
New York

STATUS	ISSUE FOR BID
--------	---------------

DRAWING No. **P6.03**



FELLENZER III
ENGINEERING LLP

ALTERATION OF THIS DOCUMENT BEING A LICENSED PROFESSIONAL IS ILLEGAL.			
DESIGNED BY: ECR	DRAWN BY: SRB	CHECKED BY: EDF	REVIEWED BY: MDF
PROJECT No: FILB 1501		DATE: 11/15/19	SCALE: AS SHOWN

**Braemar at Montebello Assisted
Living Residence**

CONTRACT

SHEET TITLE

DRAWING No.	SHEET No.
-------------	-----------

SHEET No. _____ OF _____



[illegible]

CLIENT
**Montebello Realty
GP LLC**

**Montebello Crossing,
250 Lafayette Avenue
(Route 59)
Village of Montebello
New York**

SHEET TITLE

**PLUMBING:
SANITARY RISER DIAGRAMS**

SHEET No. _____



[illegible]

CLIENT

**Montebello Realty
GP LLC**

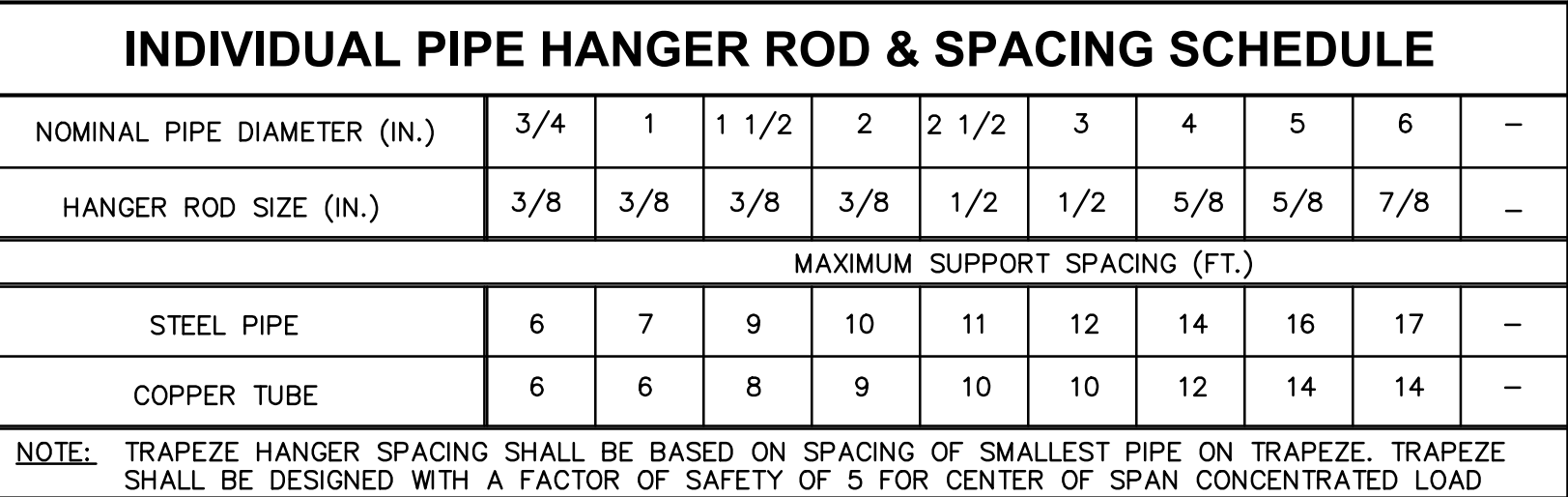
Montebello Crossing,
250 Lafayette Avenue
(Route 59)
Village of Montebello
New York

SHEET TITLE

**PLUMBING:
SANITARY RISER DIAGRAMS**

SHEET No. _____
OF _____



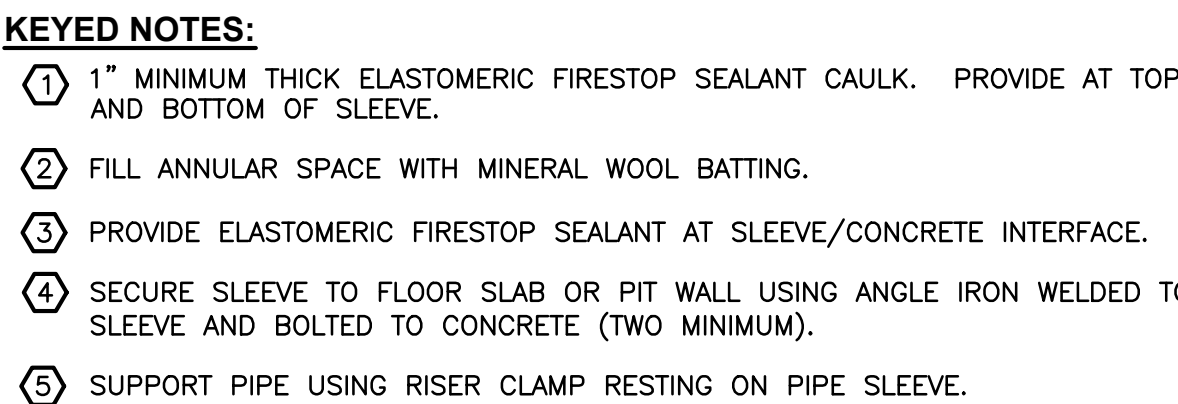


NOTE:
IDENTIFICATION MARKERS OR STRIPS TO BE PLACED ON ALL EXPOSED COVERED AND UNCOVERED PIPES AT 50'-0" INTERVALS AND AT ALL VALVES, BRANCHES, CHANGE IN DIRECTION OF FLOW AND ON BOTH SIDES OF WALLS WHERE PIPES PASS THROUGH SAME. ARROWS OF SAME COLOR AS IDENTIFICATION MARKERS SHALL ALSO BE PLACED ON PIPES POINTING AWAY FROM MARKER INDICATING OF FLOW.

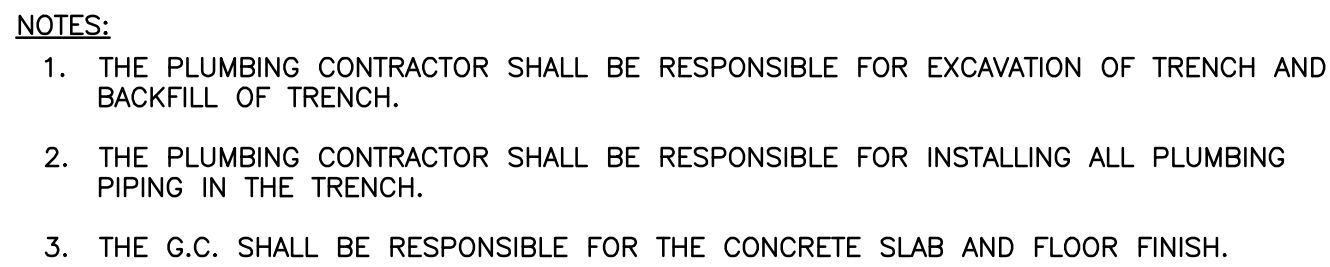
SIZE OF LEGEND LETTERS					
OUTSIDE DIAMETER OF PIPE OR COVERING		LENGTH OF COLOR FIELD A		SIZE OF LETTERS B	
INCHES	MM	INCHES	MM	INCHES	MM
¾" TO 1½"	19 TO 32	8"	200	¾"	13
1½" TO 2"	38 TO 51	8"	200	¾"	19
2½" TO 6"	64 TO 150	12"	300	1¼"	32

SERVICE	BACKGROUND OR COLOR BAND	IDENTIFICATION MARKER
DOMESTIC COLD WATER	GREEN	WHITE ON GREEN
DOMESTIC HOT WATER	YELLOW	BLACK ON YELLOW
DOMESTIC HOT WATER RETURN	YELLOW	BLACK ON YELLOW
SANITARY DRAIN	GREEN	WHITE ON GREEN
NATURAL GAS	YELLOW	BLACK ON YELLOW

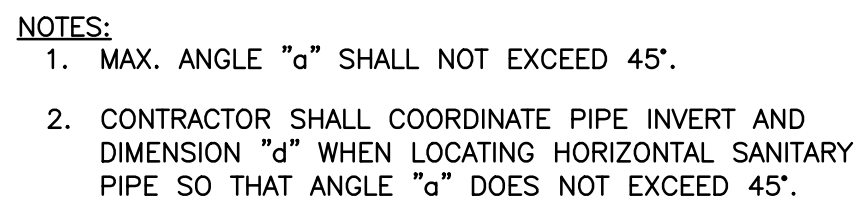
2 TYPICAL PIPE IDENTIFICATION DETAIL



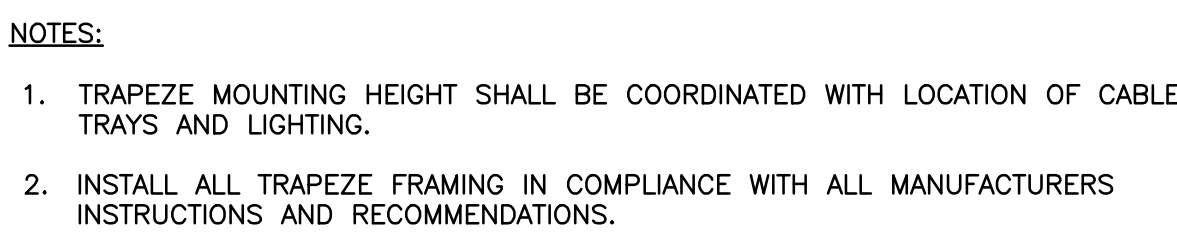
3 TYPICAL PIPING CONCRETE PENETRATION DETAIL
N.T.S.



12 PLUMBING TRENCH DETAIL
N.T.S.



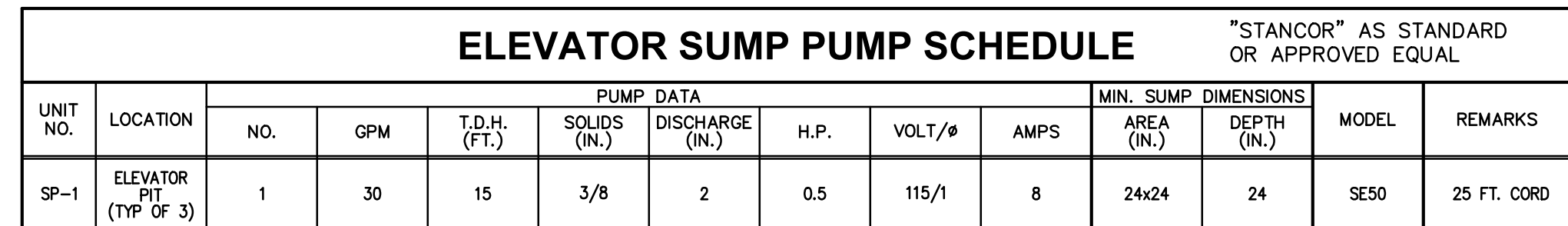
13 UNDER-SLAB VENT CONNECTION DETAIL
N.T.S.



14 **TYPICAL TRAPEZE HANGER DETAIL**
N.T.S.



15 PIPE HANGER DETAIL
N.T.S.



10 ELEVATOR SUMP PUMP DETAIL
N.T.S.

538 Broad Hollow Road, 4th Floor East
Melville, NY 11747
631.756.8000 • www.h2m.com

CONSULTANTS:

FELLENZER 
ENGINEERING LLP

22 Mulberry St., Suite 2A,
Middletown, NY 10940

t 845-343-1481 fx 855-320-8735

www.fellp.com

Project #: 15-3454

[illegible]

"ALTERATION OF THIS DOCUMENT EXCEPT BY A LICENSED PROFESSIONAL IS ILLEGAL."			
DESIGNED BY: ECR	DRAWN BY: SRB	CHECKED BY: EDF	REVIEWED BY: MDF
PROJECT No: FILB 1501		DATE: 11/15/19	SCALE: AS SHOWN

CLIENT

**Montebello Realty
GP LLC**

**Braemar at Montebello Assisted
Living Residence**

**Montebello Crossing,
250 Lafayette Avenue
(Route 59)
Village of Montebello
New York**

CONTRACT

ISSUE FOR BID

SHEET TITLE

PLUMBING: DETAILS

DRAWING N

P7.1

SHEET No.

OF

