

Estimate of Materials and Cost of Construction

Date: 25/11/2019
Project: ROCHELLE PARK
Project Location: 120W PASSAIC STREET TOWNSHIP OF ROCHELLE PARK, NJ

	<u>Summary</u>	<u>Amount</u>
Subtotal base bid	\$	-
Profit/Overhead	\$	-
Total base bid	\$	-

ITEM #	REF. SHEET	DETAIL	CSI SECT	DESCRIPTION	QTY.	WASTAGE	QTY WITH WASTAGE	UNIT	SURFACE AREA (SF)	No. of BAGS	UNIT COST	ITEM COST	TRADE COST
			21000	DIVISION 21-FIRE SUPPRESSION									\$ -
				FIRE PROOFING									
				2nd floor									
1				(1-Hr, 1" Thk.) Concrete and Steel Deck Floor/ Ceiling to be Protected	27,670	5%	29,054	SF	29,054	968.45		\$ -	
2				(1-Hr, 1" Thk.) Beam having spray insulation W 8 x 10	3,580	5%	3,759	LF	7,408.36	246.95		\$ -	
3				(1-Hr, 1" Thk.) Beam having spray insulation W 16 x 26	144	5%	151	LF	672.59	22.42		\$ -	
4				(1-Hr, 1" Thk.) Beam having spray insulation W 12 x 22	40	5%	42	LF	142.59	4.75		\$ -	
5				(1-Hr, 1" Thk.) Beam having spray insulation W 12 x 19	16	5%	17	LF	56.48	1.88		\$ -	
6		S-2.2		(1-Hr, 1" Thk.) Beam having spray insulation W 12 x 26	16	5%	17	LF	70.56	2.35		\$ -	
7				(1-Hr, 1" Thk.) Beam having spray insulation W 16 x 40	20	5%	21	LF	105.00	3.50		\$ -	
8				(1-Hr, 1" Thk.) Beam having spray insulation W 12 x 120	43	5%	45	LF	281.31	9.38		\$ -	
9				(1-Hr, 1" Thk.) Beam having spray insulation W 12 x 190	27	5%	28	LF	259.50	8.65		\$ -	
10				(1-Hr, 1" Thk.) Beam having spray insulation W 12 x 30	40	5%	42	LF	177.66	5.92		\$ -	
11				(1-Hr, 1" Thk.) Column having spray insulation HSS 6 x 6 x 3/8	32	5%	34	LF	1,004.64	33.49		\$ -	
12				(1-Hr, 1" Thk.) Column having spray insulation HSS 4 x 4 x 5/16	21	5%	22	LF	667.01	22.23		\$ -	
13				(1-Hr, 1" Thk.) Column having spray insulation HSS 4 x 4 x 1/4	32	5%	34	LF	1,017.07	33.90		\$ -	
14				(1-Hr, 1" Thk.) Column having spray insulation HSS 4-1/2 x 4-1/2 x 3/16	87	5%	91	LF	2,781.61	92.72		\$ -	
15		S-1.2		(1-Hr, 1" Thk.) Column having spray insulation HSS 5 x 5 x 5/16	32	5%	34	LF	1,027.49	34.25		\$ -	
16		S-1.3		(1-Hr, 1" Thk.) Column having spray insulation HSS 5 x 5 x 1/4	43	5%	45	LF	1,373.91	45.80		\$ -	
17				(1-Hr, 1" Thk.) Column having spray insulation HSS 5 x 5 x 3/16	21	5%	22	LF	671.42	22.38		\$ -	
18				(1-Hr, 1" Thk.) Column having spray insulation HSS 3 x 3 x 3/16	21	5%	22	LF	660.40	22.01		\$ -	
19				(1-Hr, 1" Thk.) Column having spray insulation HSS 6 x 6 x 1/4	21	5%	22	LF	682.01	22.73		\$ -	
				3rd Floor									
20				(1-Hr, 1" Thk.) Concrete and Steel Deck Floor/ Ceiling to be Protected	27,414	5%	28,785	SF	28,785	959.49		\$ -	
21				(1-Hr, 1" Thk.) Beam having spray insulation W 8 x 10	3,724	5%	3,910	LF	7,706.35	256.88		\$ -	
22				(1-Hr, 1" Thk.) Beam having spray insulation W 12 x 19	43	5%	45	LF	151.78	5.06		\$ -	
23		S-2.3		(1-Hr, 1" Thk.) Beam having spray insulation W 12 x 22	80	5%	84	LF	285.18	9.51		\$ -	
24				(1-Hr, 1" Thk.) Beam having spray insulation HSS 8 x 6 x 1/4	50	5%	53	LF	1,641.68	54.72		\$ -	
25				(1-Hr, 1" Thk.) Beam having spray insulation HSS 8 x 4 x 1/4	20	5%	21	LF	649.53	21.65		\$ -	
26				(1-Hr, 1" Thk.) Column having spray insulation HSS 4 x 4 x 5/16	21	5%	22	LF	667.01	22.23		\$ -	
27				(1-Hr, 1" Thk.) Column having spray insulation HSS 4 x 4 x 3/16	142	5%	149	LF	4,514.75	150.49		\$ -	
28		S-1.2		(1-Hr, 1" Thk.) Column having spray insulation HSS 4 x 4 x 1/4	65	5%	68	LF	2,065.93	68.86		\$ -	
29		S-1.3		(1-Hr, 1" Thk.) Column having spray insulation HSS 4-1/2 x 4-1/2 x 1/4	21	5%	22	LF	671.42	22.38		\$ -	
30				(1-Hr, 1" Thk.) Column having spray insulation HSS 5 x 5 x 5/16	32	5%	34	LF	1,029.17	34.31		\$ -	
				4th Floor									
31				(1-Hr, 1" Thk.) Concrete and Steel Deck Floor/ Ceiling to be Protected	2,742	5%	2,879	SF	2,879	95.97		\$ -	
32				(1-Hr, 1" Thk.) Beam having spray insulation W 8 x 10	3,669	5%	3,852	LF	7,592.54	253.08		\$ -	
33		S-2.4		(1-Hr, 1" Thk.) Beam having spray insulation W 12 x 19	27	5%	28	LF	95.30	3.18		\$ -	
34				(1-Hr, 1" Thk.) Beam having spray insulation W 12 x 22	60	5%	63	LF	213.89	7.13		\$ -	
35				(1-Hr, 1" Thk.) Beam having spray insulation W 12 x 30	40	5%	42	LF	177.66	5.92		\$ -	
36				(1-Hr, 1" Thk.) Column having spray insulation HSS 4 x 4 x 5/16	21	5%	22	LF	667.01	22.23		\$ -	
37				(1-Hr, 1" Thk.) Column having spray insulation HSS 4 x 4 x 3/16	32	5%	34	LF	1,017.41	33.91		\$ -	
38		S-1.2		(1-Hr, 1" Thk.) Column having spray insulation HSS 4-1/2 x 4-1/2 x 3/16	32	5%	34	LF	1,023.12	34.10		\$ -	
39		S-1.3		(1-Hr, 1" Thk.) Column having spray insulation HSS 4-1/2 x 4-1/2 x 1/4	32	5%	34	LF	1,022.45	34.08		\$ -	
40				(1-Hr, 1" Thk.) Column having spray insulation HSS 4 x 4 x 1/4	65	5%	68	LF	2,065.93	68.86		\$ -	
41				(1-Hr, 1" Thk.) Column having spray insulation HSS 3-1/2 x 3-1/2 x 3/16	120	5%	126	LF	3,795.12	126.50		\$ -	
				Roof									

42	S-2.5		(1-Hr, 1" Thk.) Concrete and Steel Deck Floor/ Ceiling to be Protected	28,026	5%	29,427	SF	29,427	980.91		\$	-	
43			(1-Hr, 1" Thk) Beam having spray insulation W 8 x 10	3,566	5%	3,744	LF	7,379.39	245.98		\$	-	
44			(1-Hr, 1" Thk.) Beam having spray insulation W 12 x 30	28	5%	29	LF	124.36	4.15		\$	-	
45			(1-Hr, 1" Thk) Beam having spray insulation W 12 x 40	96	5%	101	LF	469.56	15.65		\$	-	
46			(1-Hr, 1" Thk) Beam having spray insulation W 12 x 26	59	5%	62	LF	260.19	8.67		\$	-	
47	S-1.2 S-1.3		(1-Hr, 1" Thk.) Column having spray insulation HSS 4 x 4 x 4/16	32	5%	34	LF	1,017.07	33.90		\$	-	
48			(1-Hr, 1" Thk) Column having spray insulation HSS 3 x 3 x 3/16	131	5%	138	LF	4,119.62	137.32		\$	-	
49			(1-Hr, 1" Thk.) Column having spray insulation HSS 4 x 4 x 3/16	54	5%	57	LF	1,635.12	54.50		\$	-	
50			(1-Hr, 1" Thk.) Column having spray insulation HSS 4 x 4 x 1/4	65	5%	68	LF	1,997.68	66.59		\$	-	
								163,260	5,442.01				
SUB TOTAL								Total Cost =			\$	-	\$ -
INSURANCE									5%		\$	-	\$ -
OVERHEAD AND PRO									10%		\$	-	\$ -
TOTAL BASE BID											\$	-	\$ -

Estimate of Materials and Cost of Construction

Date: 25/11/2019
Project: WATERFORD PARC LUXURY APARTMENTS
Project Location: SITE DEVELOPMENT PLANS 22 MINER LANE, WATERFORD, CT

	<u>Summary</u>	<u>Amount</u>
Subtotal base bid	\$	-
Profit/Overhead	\$	-
Total base bid	\$	-

ITEM #	REF. SHEET	DETAIL	CSI SECT	DESCRIPTION	QTY.	WASTAGE	QTY WITH WASTAGE	UNIT	UNIT COST	ITEM COST	TRADE COST
			00007	DIVISION 07-THERMAL AND MOISTURE PROTECTION							\$ -
				PLUMBING PIPES INSULATION							
1	P-0A P-06			Main domestic water pipe insulation Material: 1" Thk. Molded fiberglass Dia of pipe: 2" Total length of pipe = 179 LF	94	5%	98	SF		\$ -	
2				Main domestic water pipe insulation Material: 1" Thk. Molded fiberglass Dia of pipe: 3/4" Total length of pipe = 1169 LF	228	5%	239	SF		\$ -	
3				Main water pipe insulation Material: 1" Thk. Molded fiberglass Dia of pipe: 1/2" Total length of pipe = 8 LF	1	5%	1	SF		\$ -	
4				Cold water pipe insulation Material: 1" Thk. Molded fiberglass Dia of pipe: 3/4" Total length of pipe = 3000 LF	589	5%	618	SF		\$ -	
5				Hot water pipe insulation Material: 1" Thk. Molded fiberglass Dia of pipe: 3/4" Total length of pipe = 2746 LF	539	5%	566	SF		\$ -	
				FIRESTOPPING							
6	E-1A E-7 & HVAC			Water pipe fire stopping Material: UL/Warnack - Hersey listed fire stops Penetration dia: 3/4" Penetration medium: Concrete and steel deck floor/ ceiling	24	0%	24	LOC		\$ -	
7				Water pipe fire stopping Material: UL/Warnack - Hersey listed fire stops Penetration dia: 3/4" Penetration medium: Gypsum board walls	476	0%	476	LOC		\$ -	
8				Sanitary pipe fire stopping Material: UL/Warnack - Hersey listed fire stops Penetration dia: 4" Penetration medium: Concrete and steel deck floor/ ceiling	174	0%	174	LOC		\$ -	
9				Gas pipe fire stopping Material: UL/Warnack - Hersey listed fire stops Penetration dia: 3/4" Penetration medium: Concrete and steel deck floor/ ceiling	24	0%	24	LOC		\$ -	
10				Gas pipe fire stopping Material: UL/Warnack - Hersey listed fire stops Penetration dia: 3/4" Penetration medium: Gypsum board walls	24	0%	24	LOC		\$ -	
11				Electrical pipes fire stopping Material: UL/Warnack - Hersey listed fire stops Penetration dia: 3/4" Penetration medium: Gypsum board walls	504	0%	504	LOC		\$ -	
12				Electrical pipes fire stopping Material: UL/Warnack - Hersey listed fire stops Penetration dia: 3/4" Penetration medium: Concrete and steel deck floor/ ceiling	72	0%	72	LOC		\$ -	
13				Electrical Junction box fire stopping Material: UL/Warnack - Hersey listed fire stops Penetration dia: 3/4" Penetration medium: Concrete and steel deck floor/ ceiling	36	0%	36	LOC		\$ -	
				SPRAY INSULATION							
14				Spray insulation underside of roof deck Material: (UL# P522) 1/2" Thk. Spray applied cellulose insulation Density: 0.5 lb/ft ^3 Area on which insulation to be applied: 7089 sf	295	5%	310	CF		\$ -	
15				Spray insulation underside of floor Material: (UL# P546) 1/2" Thk. Spray applied cellulose insulation Density: 0.5 lb/ft ^3 Area on which insulation to be applied: 26661 sf	1,111	5%	1,166	CF		\$ -	
SUB TOTAL										Total Cost =	\$ -
INSURANCE										5%	\$ -
OVERHEAD AND PRO										10%	\$ -
TOTAL BASE BID										\$	\$ -

1. COORDINATE PERIMETER COLUMNS REQUIRED TO BE CANTILEVERED AT PARAPET

Dimensions Reference

 INDICATES PLAN NOTE.

 INDICATES SPAN DIRECTION.

 INDICATES CHAIR WALL.

 INDICATES TOP OF FINISHED FLOOR
RELATIVE TO FIRST LEVEL, FINISHED
FLOOR.

 INDICATES HEIGHT AT TOP OF STEEL, AND
DECK BEARING ELEVATION.

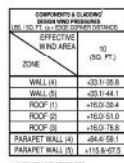
 INDICATES FOOTING STEP.

 INDICATES ALLOWABLE STRESS DESIGN
CONNECTION REINFORCING STEPS FOR
CONNECTION DESIGN. PROJECTED AREA AND
SEALED CALCULATIONS - SEE STRUCTURAL
NOTES.

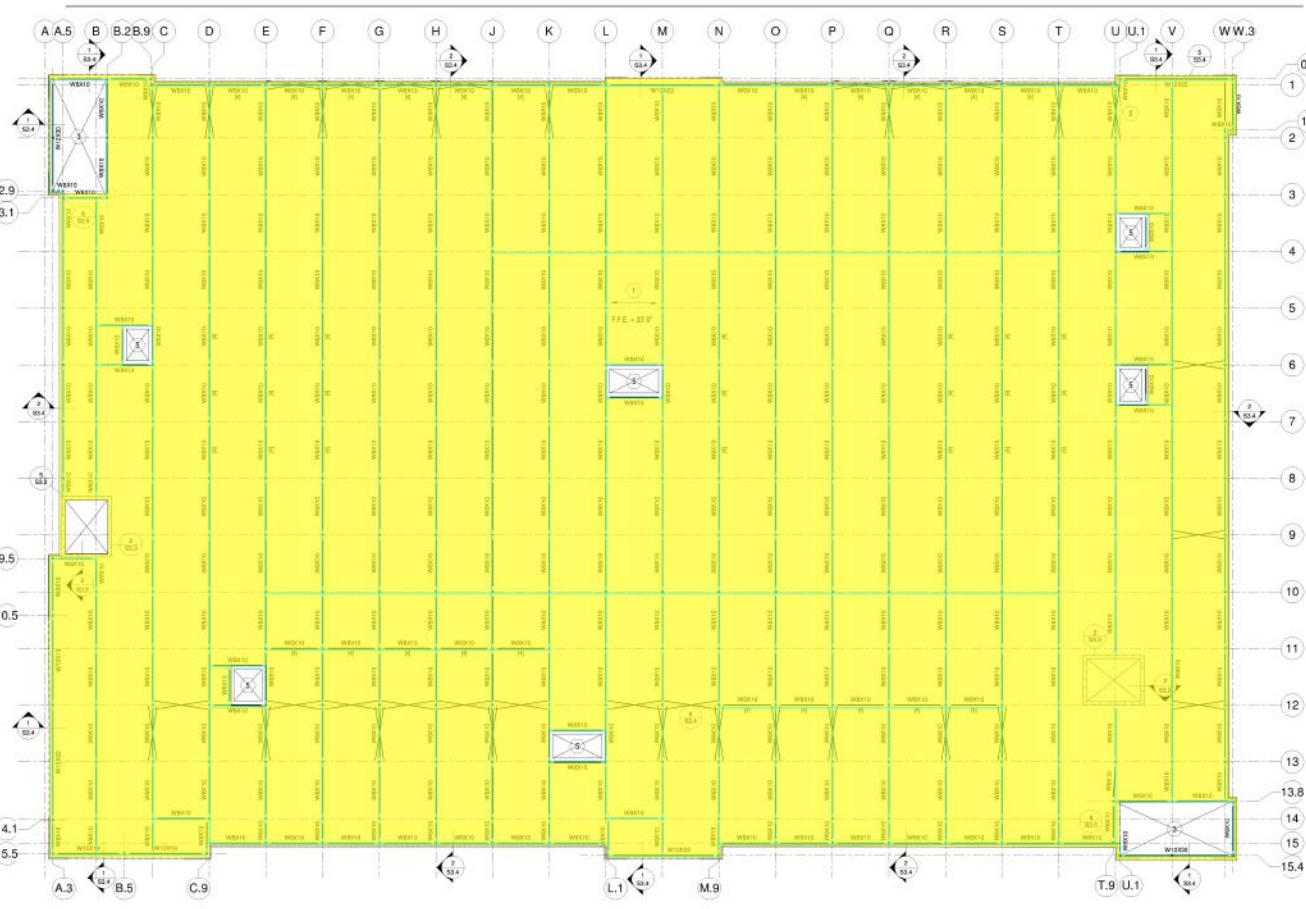
 INDICATES LATERAL BRACING.
BRACING SHOWN ON FLOOR PLANS IS
FROM THAT LEVEL TO LEVEL ABOVE.

 BRACING INDICATED ON LEVEL IN
LEVEL BELOW.

 INDICATES QUANTITY OF 3/4" DIAMETER X 4 1/2" LONG,
HEADED STEEL STUD ON BEAM



COLUMN SCHEDULE											
ROOF LEVEL	FOURTH LEVEL	THIRD LEVEL	SECOND LEVEL	FOUNDATION	ROOF LEVEL	FOURTH LEVEL	THIRD LEVEL	SECOND LEVEL	FOUNDATION	ROOF LEVEL	FOURTH LEVEL



FOURTH FLOOR FRAMING PLAN NOTES

1 FLOOR SLAB SHALL BE 2" TO GAGE COMPOSITE METAL DECK (VULCRAFT 341) OR EQUAL WITH 2" NORMAL WEIGHT CONCRETE (5' TOTAL THICKNESS). REINFORCE WITH 6# W14W14. INSTALL DECK IN TWO SPAN LENGTHS MINIMUM. COMPOSITE DECK SHALL BE ATTACHED TO SUPPORTS WITH 5/8" DIAMETER PUDDLE WELDS OR #12 TEK SELF-DRILLING SCREWS IN A 36" PATTERN AND @ 12" o.c. MAXIMUM AT PERIMETER. ATTACH SIDE LAPS WITH #10 SELF-DRILLING SCREWS @ 36" o.c. MAXIMUM.

2 PROVIDE STUB NUTS FOR BEAM SHOP WELDED TO THIS COLUMN FOR FLOOR SLAB SUPPORT. WELD TO COLUMN FACE ALL AROUND WITH 3/16" FILLET WELD.

4th Concrete and Steel Deck Floor/ Ceiling to be Protected **27,414.2 SQ FT**

3rd Beams having Spray **3,880.9 FT**

ISSUED FOR CONSTRUCTION 3-8-19

tulfra
real estate

ROCHELLE PARK
100 WEST PASSAGE STREET
TOWNSHIP OF ROCHELLE PARK
BERGEN COUNTY, NJ

MANCINI DUFFY
ARCHITECTURE • PLANNING • INTERIORS

Manicini Duffy Inc.
275 Seventh Avenue, New York, N.Y. 10001
Tel: 212.698.1280 Fax: 212.698.1287

All drawings and without material appearing herein, constitute original and unpublished work of the architect and may not be duplicated, used or disclosed without written consent of the architect.

CONSULTANTS:
Terry W. Wall, Jr., P.E., S.E.
Consulting Structural Engineering
1911 Graydon Hwy.
Suite 8-124
Grayson, GA 30017
Copyright © 2018 TWW, JMD, 18051.01

ARCHITECT OF RECORD:

THEODORE S. HAMMER
LIC. # A103820
275 7th Avenue
New York, NY 10001
Tel: 212.698.1280 Fax: 212.698.1287

ISSUES/REVISIONS		
NO.	DATE	BY

KEY PLAN

PLAN NORTH:

PROJECT NUMBER:
02-3057-0100

DRAWING TITLE:
FOURTH FLOOR FRAMING PLAN

DRAWING NUMBER:

TERRY W. WALL, JR., P.E.
NY LICENSE NO. 18051.01

S2.4



THIS DRAWING IS THE PROPERTY OF THE ENGINEER. IT HAS BEEN SPECIFICALLY PREPARED FOR THE OWNER FOR THIS PROJECT AT THIS SITE AND IS NOT TO BE USED FOR ANY OTHER PURPOSE, LOCATION OR OWNER WITHOUT WRITTEN CONSENT OF THE ENGINEER.

Atlantic Consulting & Engineering, Inc.
525 John Street
Bridgeport, Connecticut
06604-3926
(203) 336-4422
(203) 336-1788 (Fax)
DWG: INFO@ATLANTIC-ENG.COM

**BUILDING "A"
WATERFORD PARK
APARTMENT COMMUNITY
22 MINER LANE
WATERFORD, CONNECTICUT**

Job Number:
9-045

Date:
06/07/18

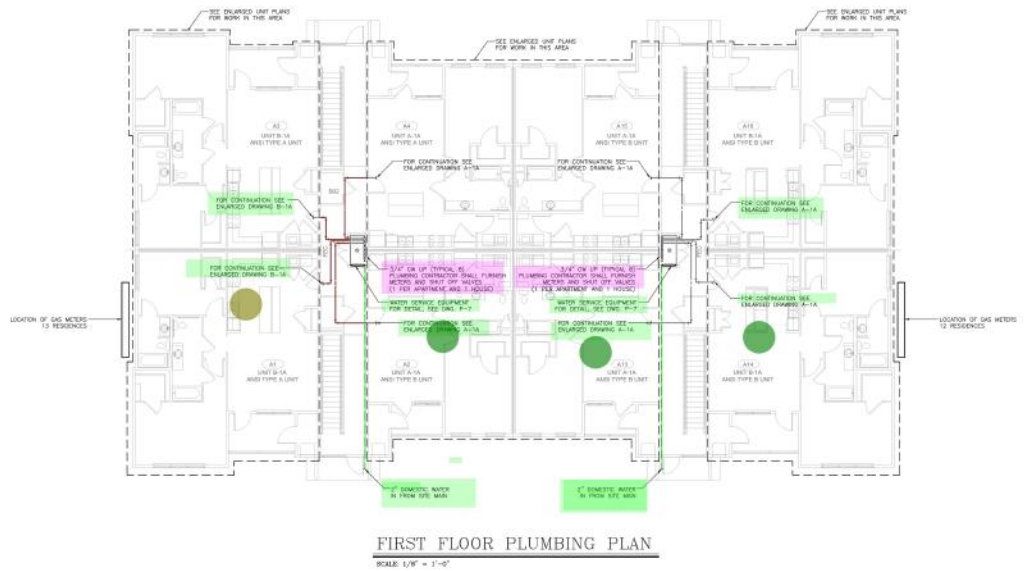
ISSUED FOR: DATE:
PERMIT 12/03/18

Drawn By: Checked By:
DMD JEQ

Sheet Title:
**PLUMBING
FIRST FLOOR
PLAN**

Scale:
AS NOTED

Sheet Number:
P-1A



2"Dia Water line	71.6 FT	
3/4 Main Cold water...	59.8 FT	
B-1A	1.0	
A-1A	3.0	



THIS DRAWING IS THE PROPERTY OF THE ENGINEER. IT HAS BEEN SPECIFICALLY PREPARED FOR THE OWNER FOR THIS PROJECT AT THIS SITE AND IS NOT TO BE USED FOR ANY OTHER PURPOSE, LOCATION OR OWNER WITHOUT WRITTEN CONSENT OF THE ENGINEER.

Atlantic Consulting & Engineering, Inc.
525 John Street
Bridgeport, Connecticut
06604-3926
(203) 336-4432
(203) 336-1788 (Fax)
DWG: INFO@ATLANTIC-ENG.COM

**BUILDING "A"
WATERFORD PARK
APARTMENT COMMUNITY
22 MINER LANE
WATERFORD, CONNECTICUT**

Job Number:
9-045

Date:
06/07/18

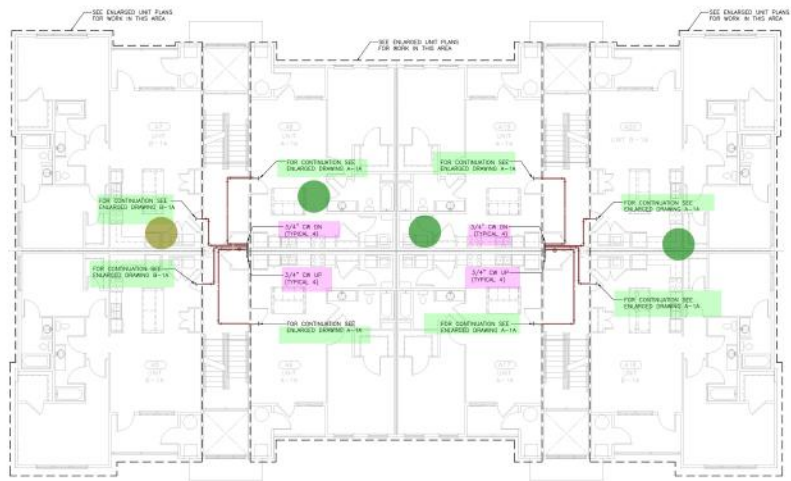
ISSUED FOR: DATE:
PERMIT: 03/09/18

Drawn By: Checked By:
DMD JEQ

Sheet Title:
**PLUMBING
SECOND FLOOR
PLAN**

Scale:
AS NOTED

Sheet Number:
P-2A



SECOND FLOOR PLUMBING PLAN
SCALE: 1/8" = 1'-0"

3/4 Main Cold wat...	140.3 FT	
A-1A	3.0	
B-1A	1.0	



THIS DRAWING IS THE PROPERTY OF THE ENGINEER. IT HAS BEEN SPECIFICALLY PREPARED FOR THE OWNER FOR THIS PROJECT AT THIS SITE AND IS NOT TO BE USED FOR ANY OTHER PURPOSE, LOCATION OR OWNER WITHOUT WRITTEN CONSENT OF THE ENGINEER.

Atlantic Consulting & Engineering, LLC
525 John Street
Bridgeport, Connecticut
06604-3926
(203) 336-4432
(203) 336-1788 (Fax)
DWG: INFO@ATLANTIC-ENG.COM

**BUILDING "A"
WATERFORD PARK
WATERFORD COMMUNITY
APARTMENT COMMUNITY
22 MINER LANE
WATERFORD, CONNECTICUT**

Job Number:
9-045

Date:
06/07/18

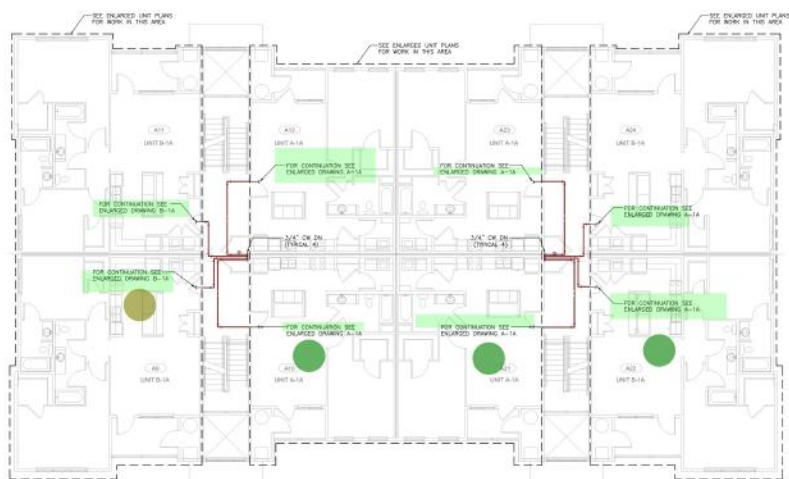
ISSUED FOR: DATE:
PERMIT: 03/09/18

Drawn By: Checked By:
DMD JEQ

Sheet Title:
**PLUMBING
SECOND FLOOR PLAN**

Scale:
AS NOTED

Sheet Number:
P-3A



THIRD FLOOR PLUMBING PLAN
SCALE: 1/8" = 1'-0"

3/4 Main Cold wat...	140.9 FT	
A-1A	3.0	
B-1A	1.0	



THIS DRAWING IS THE PROPERTY OF THE ENGINEER. IT HAS BEEN SPECIFICALLY PREPARED FOR THE OWNER FOR THIS PROJECT AT THIS SITE AND IS NOT TO BE USED FOR ANY OTHER PURPOSE, LOCATION OR OWNER WITHOUT WRITTEN CONSENT OF THE ENGINEER.

Atlantic Consulting & Engineering, Inc.
525 John Street
Bridgeport, Connecticut 06604-3926
(203) 336-4422
(203) 336-1788 (Fax)
DWG: INFO@ATLANTIC-ENG.COM

**BUILDING "B"
WATERFORD PARK
WATERFORD COMMUNITY
APARTMENT COMPLEX
22 MINER LANE
WATERFORD, CONNECTICUT**

Job Number: **9-045**

Date: **06/07/18**

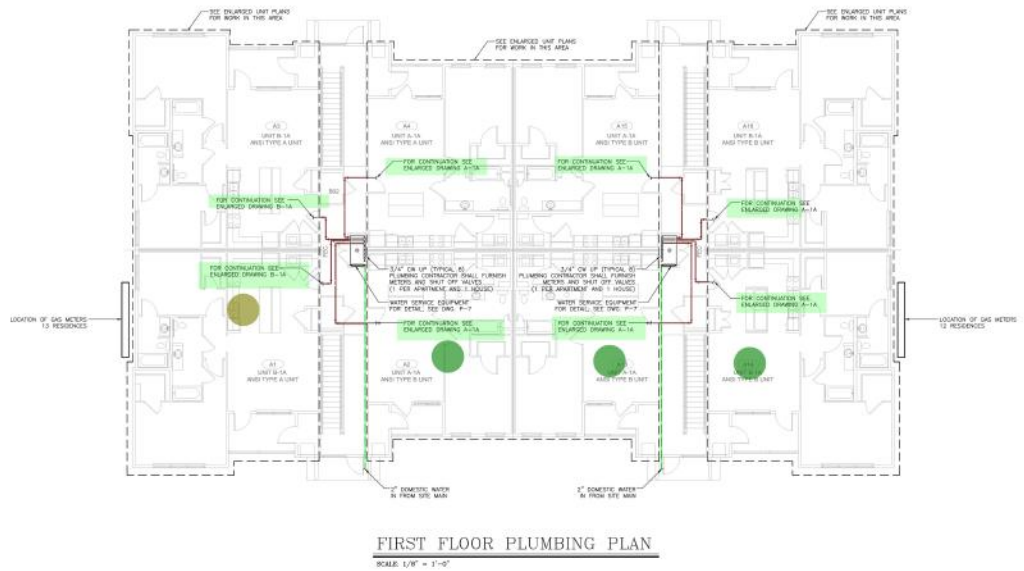
ISSUED FOR: **PERMIT** DATE: **03/09/18**

Drawn By: **DMD** Checked By: **JEG**

Sheet Title: **PLUMBING
FIRST FLOOR
PLAN**

Scale: **AS NOTED**

Sheet Number: **P-1B**



	B-1A	1.0
	A-1A	3.0
	2\"Dia Water line	71.3 FT
	3/4 Main Cold wate...	125.3 FT



THIS DRAWING IS THE PROPERTY OF THE ENGINEER. IT HAS BEEN SPECIFICALLY PREPARED FOR THE OWNER FOR THIS PROJECT AT THIS SITE AND IS NOT TO BE USED FOR ANY OTHER PURPOSE, LOCATION OR OWNER WITHOUT WRITTEN CONSENT OF THE ENGINEER.

Atlantic Consulting & Engineering, Inc.
525 John Street
Bridgeport, Connecticut
06604-3926
(203) 336-4432
(203) 336-1788 (Fax)
DWG:
INFO@ATLANTIC-ENG.COM

**BUILDING "B"
WATERFORD PARK
APARTMENT COMMUNITY
22 MINER LANE
WATERFORD, CONNECTICUT**

Job Number:
9-045

Date:
06/07/18

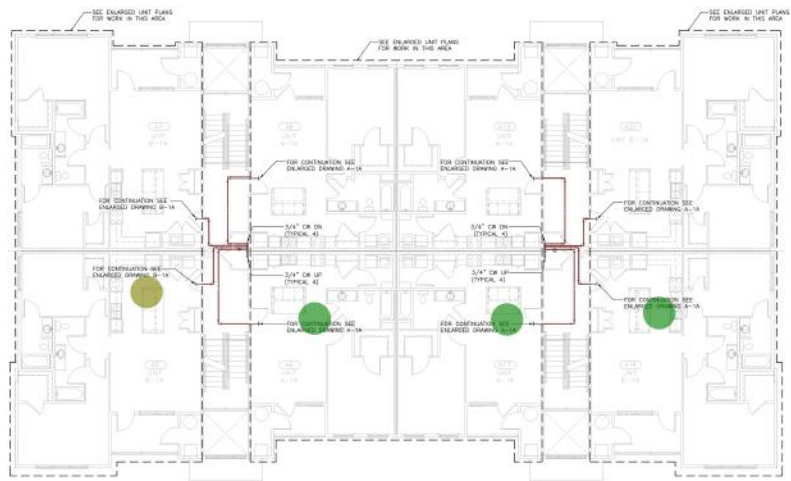
ISSUED FOR: DATE:
PERMIT: **03/09/18**

Drawn By: Checked By:
DMD: JEQ:

Sheet Title:
**PLUMBING
SECOND FLOOR
PLAN**

Scale:
AS NOTED

Sheet Number:
P-2B



SECOND FLOOR PLUMBING PLAN
SCALE: 1/8" = 1'-0"

- B-1A 1.0
- A-1A 3.0
- 3/4 Main Cold wat... 140.6 FT



THIS DRAWING IS THE PROPERTY OF THE ENGINEER. IT HAS BEEN SPECIFICALLY PREPARED FOR THE OWNER FOR THIS PROJECT AT THIS SITE AND IS NOT TO BE USED FOR ANY OTHER PURPOSE, LOCATION OR OWNER WITHOUT WRITTEN CONSENT OF THE ENGINEER.

Atlantic Consulting & Engineering, LLC
525 John Street
Bridgeport, Connecticut
06604-3926
(203) 336-4432
(203) 336-1788 (Fax)
DWG: INFO@ATLANTIC-ENG.COM

**BUILDING "B"
WATERFORD PARK
WATERFORD COMMUNITY
APARTMENT COMMUNITY
22 MINER LANE
WATERFORD, CONNECTICUT**

Job Number: **9-045**

Date: **06/07/18**

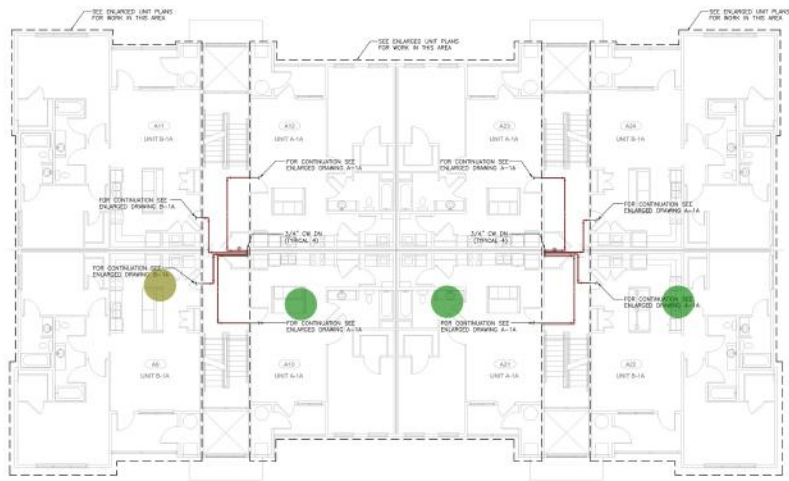
ISSUED FOR: **PERMIT** DATE: **03/09/18**

Drawn By: **DMD** Checked By: **JEG**

Sheet Title: **PLUMBING
SECOND FLOOR
PLAN**

Scale: **AS NOTED**

Sheet Number: **P-3B**



THIRD FLOOR PLUMBING PLAN
SCALE: 1/8" = 1'-0"

3/4 Main Cold wat...	140.7 FT	
B-1A	1.0	
A-1A	3.0	



THIS DRAWING IS THE PROPERTY OF THE ENGINEER. IT HAS BEEN SPECIFICALLY PREPARED FOR THE OWNER FOR THIS PROJECT AT THIS SITE AND IS NOT TO BE USED FOR ANY OTHER PURPOSE, LOCATION OR OWNER WITHOUT WRITTEN CONSENT OF THE ENGINEER.

Atlantic Consulting & Engineering, Inc.
525 John Street
Bridgeport, Connecticut 06604-3926
(203) 336-4422
(203) 336-1788 (Fax)
DWG: INFO@ATLANTIC-ENG.COM

**BUILDING "C"
WATERFORD PARK
APARTMENT COMMUNITY
22 MINER LANE
WATERFORD, CONNECTICUT**

Job Number:
9-045

Date:
06/07/18

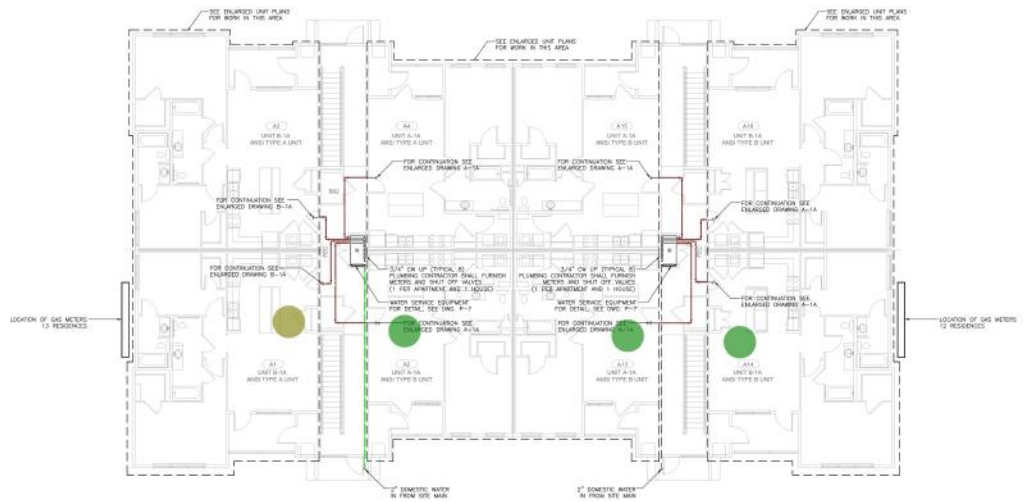
ISSUED FOR: DATE:
PERMIT: 03/09/18

Drawn By: Checked By:
DMD JEQ

Sheet Title:
**PLUMBING
FIRST FLOOR
PLAN**

Scale:
AS NOTED

Sheet Number:
P-1C



FIRST FLOOR PLUMBING PLAN
SCALE: 1/8" = 1'-0"

2"Dia Water line	35.4 FT	
3/4 Main Cold wate...	119.6 FT	
A-1A	3.0	
B-1A	1.0	



THIS DRAWING IS THE PROPERTY OF THE ENGINEER. IT HAS BEEN SPECIFICALLY PREPARED FOR THE OWNER FOR THIS PROJECT AT THIS SITE AND IS NOT TO BE USED FOR ANY OTHER PURPOSE, LOCATION OR OWNER WITHOUT WRITTEN CONSENT OF THE ENGINEER.

Atlantic Consulting & Engineering, Inc.
525 John Street
Bridgeport, Connecticut
06604-3926
(203) 336-4422
(203) 336-1788 (Fax)
DWG:
INFO@ATLANTIC-ENG.COM

**BUILDING "C"
WATERFORD PARC
WATERFORD COMMUNITY
APARTMENT COMMUNITY
22 MINER LANE
WATERFORD, CONNECTICUT**

Job Number:
9-045

Date:
06/07/18

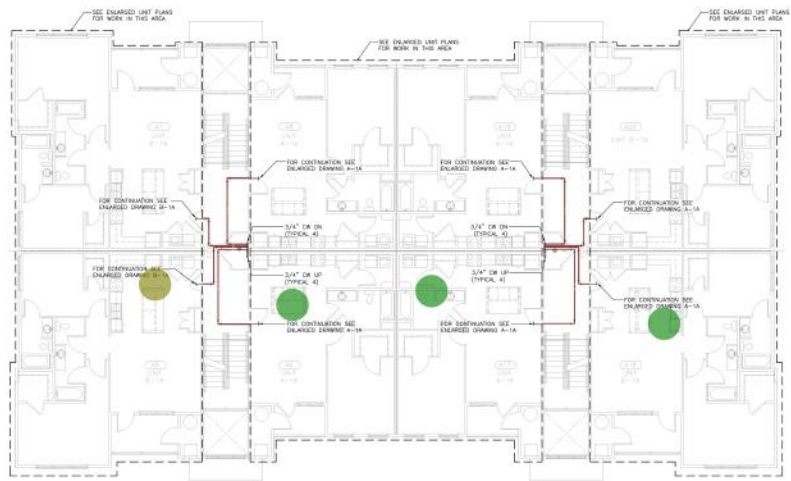
ISSUED FOR: DATE:
PERMIT: **03/09/18**

Drawn By: Checked By:
DMD: JEQ:

Sheet Title:
**PLUMBING
SECOND FLOOR
PLAN**

Scale:
AS NOTED

Sheet Number:
P-2C



SECOND FLOOR PLUMBING PLAN
SCALE: 1/8" = 1'-0"

3/4 Main Cold wat...	141.8 FT	
A-1A	3.0	
B-1A	1.0	



THIS DRAWING IS THE PROPERTY OF THE ENGINEER. IT HAS BEEN SPECIFICALLY PREPARED FOR THE OWNER FOR THIS PROJECT AT THIS SITE AND IS NOT TO BE USED FOR ANY OTHER PURPOSE, LOCATION OR OWNER WITHOUT WRITTEN CONSENT OF THE ENGINEER.

Atlantic Consulting & Engineering, Inc.
525 John Street
Bridgeport, Connecticut
06604-3926
(203) 336-4432
(203) 336-1788 (Fax)
DWG: INFO@ATLANTIC-ENG.COM

**BUILDING "C"
WATERFORD PARC
WATERFORD COMMUNITY
APARTMENT COMMUNITY
22 MINER LANE
WATERFORD, CONNECTICUT**

Job Number:
9-045

Date:
06/07/78

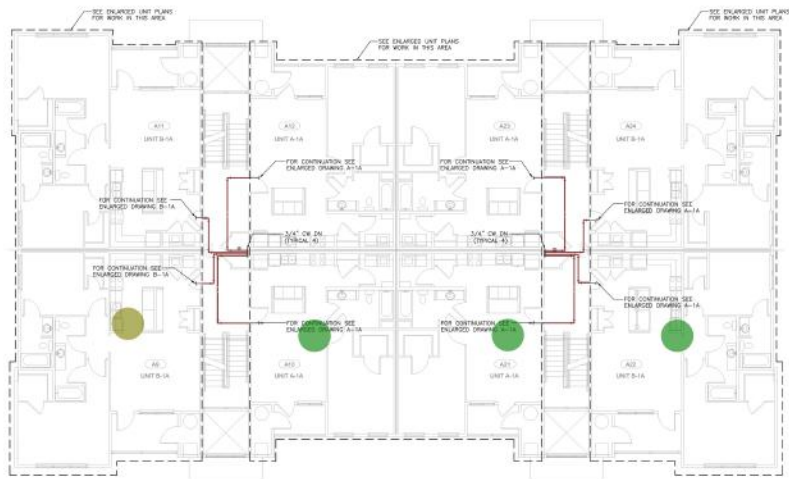
ISSUED FOR: DATE:
PERMIT: 03/09/78

Drawn By: Checked By:
DMD JEQ

Sheet Title:
**PLUMBING
SECOND FLOOR
PLAN**

Scale:
AS NOTED

Sheet Number:
P-3C

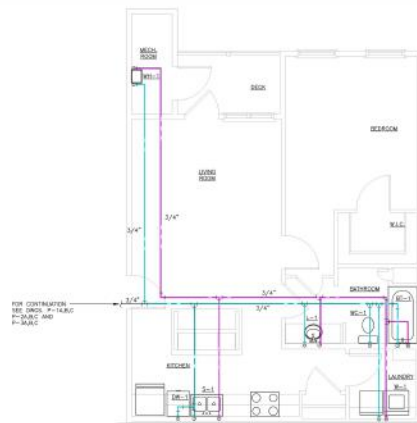


THIRD FLOOR PLUMBING PLAN
SCALE: 1/8" = 1'-0"

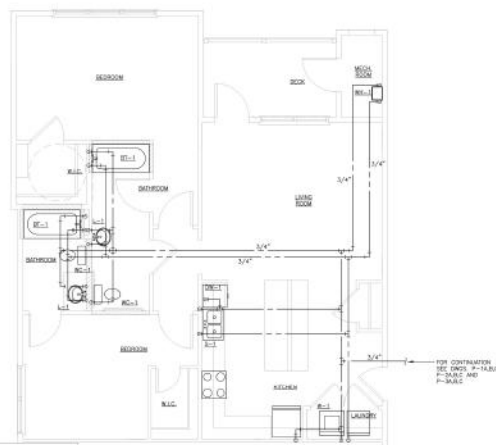
3/4 Main Cold wat...	140.1 FT	
A-1A	3.0	
B-1A	1.0	



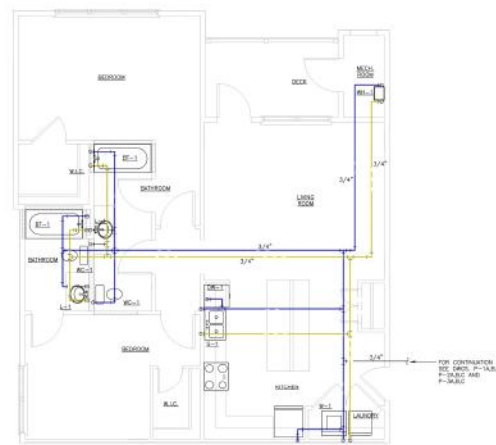
PLUMBING ENLARGED UNIT PLAN A-1A HC
SCALE: 1/4" = 1'-0"



PLUMBING ENLARGED UNIT PLAN A-1A
SCALE: 1/4" = 1'-0"



PLUMBING ENLARGED UNIT PLAN B-1A HC
SCALE: 1/4" = 1'-0"



PLUMBING ENLARGED UNIT PLAN B-1A
SCALE: 1/4" = 1'-0"

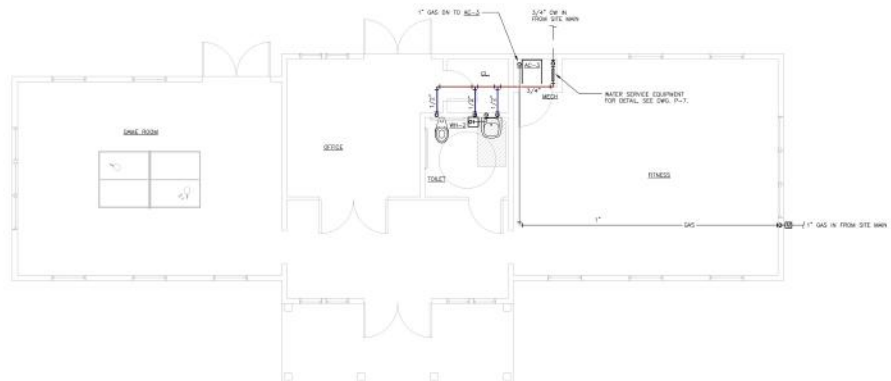
3/4" HW Pipe	88.8 FT
3/4" Cold water line	105.3 FT
3/4" HW	72.1 FT
3/4" CW	75.9 FT

THIS DRAWING IS THE PROPERTY OF THE ENGINEER. IT HAS BEEN SPECIFICALLY PREPARED FOR THE OWNER FOR THIS PROJECT AT THIS SITE AND IS NOT TO BE USED FOR ANY OTHER PURPOSE, LOCATION OR OWNER WITHOUT WRITTEN CONSENT OF THE ENGINEER.

Atlantic Consulting & Engineering, Inc.
525 John Street
Bridgeport, Connecticut 06604-3926
(203) 336-4432
(203) 336-1788 (Fax)
DWG: INFO@ATLANTIC-ENG.COM

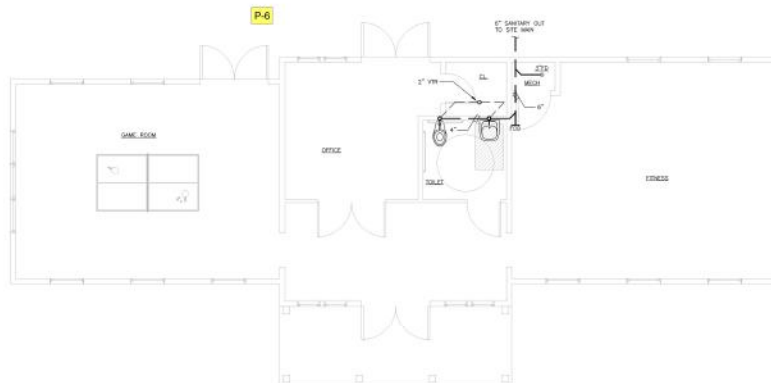
ENLARGED UNIT PLANS
WATERFORD PARC
APARTMENT COMMUNITY
22 MINER LANE
WATERFORD, CONNECTICUT

Job Number: 9-045
Date: 06/07/18
ISSUED FOR: DATE: PERMIT 12/05/18
Drawn By: DMD Checked By: JEQ
Sheet Title: PLUMBING ENLARGED UNIT PLANS
Scale: AS NOTED
Sheet Number: P-4



CLUBHOUSE PLUMBING PLAN

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



CLUBHOUSE SANITARY & VENT PLAN

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



THIS DRAWING IS THE PROPERTY OF THE ENGINEER. IT HAS BEEN SPECIFICALLY PREPARED FOR THE OWNER FOR THIS PROJECT AT THIS SITE AND IS NOT TO BE USED FOR ANY OTHER PURPOSE, LOCATION OR OWNER WITHOUT WRITTEN CONSENT OF THE ENGINEER.



525 John Street
Bridgeport, Connecticut
06604-3926
(203) 336-4432
(203) 336-1789 (Fax)
DWG:
INFO@ATLANTIC-ENG.COM

CLUBHOUSE
WATERFORD PARC
WATERMENT COMMUNITY
APARTMENT COMPLEX
22 MINER LANE
WATERFORD, CONNECTICUT

Job Number:
9-045

Date:
06/07/18

ISSUED FOR: DATE:
PERMIT 03/09/18

Drawn By: Checked By:
DMD JEQ

Sheet Title:
PLUMBING
CLUBHOUSE
PLAN

Scale:
AS NOTED

Sheet Number:
P-6

3/4 Main Cold wat...	10.5 FT	
1/2" Cold water pip	7.8 FT	