

Estimate of Materials and Cost of Construction

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

	Summary	Amount
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									\$ -
1				2nd floor (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 S-1.3			(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				(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		\$ -	
20				3rd Floor (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	S-1.2 S-1.3		(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			(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			(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	S-2.4		(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			(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		\$	-
Roof												
36	S-1.2 S-1.3		(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			(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			(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		\$	-	

1 of

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		\$	-

SUB TOTAL Total Cost = 163,260 5,442.01 \$ - \$ -

INSURANCE 5% \$ - \$ -

OVERHEAD AND PRO 10% \$ - \$ -

TOTAL BASE BID \$ - \$ -

Estimate of Materials and Cost of Construction

Date: 25/11/2019

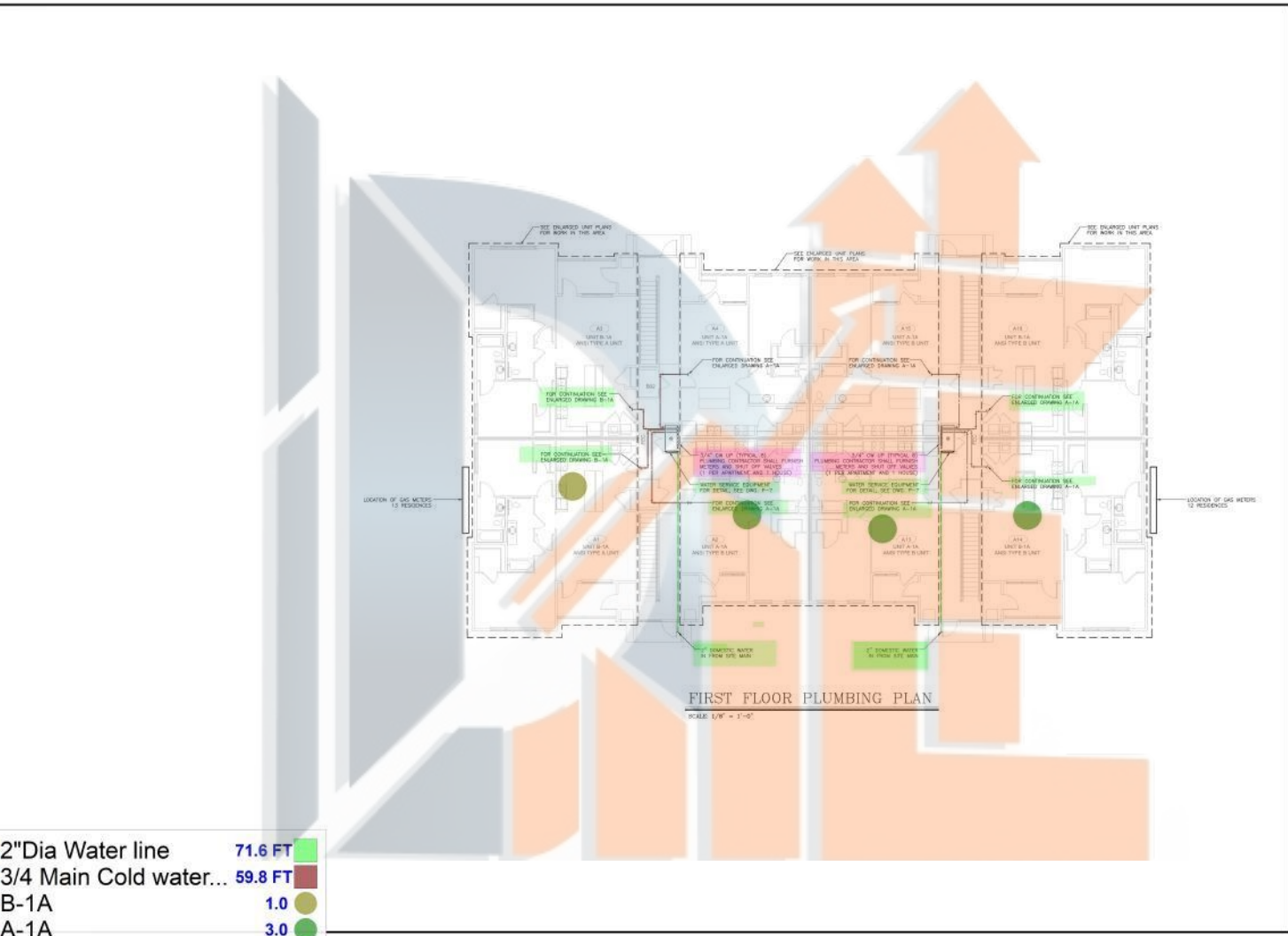
Summary

Project: WATERFORD PARC LUXURY APARTMENTS
 Project Location: SITE DEVELOPMENT PLANS 22 MINER LANE, WATERFORD, CT

	Amount
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				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	E-1A E-7 & HVAC			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%	\$	-	\$	-







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BUILDING "A"
WATERFORD PARC
APARTMENT COMMUNITY
22 MINER LANE
WATERFORD, CONNECTICUT

Job Number: 9-048	
Date: 06/07/18	
ISSUED FOR:	DATE:
PERMIT	10/03/18
Drawn By: DMD	Checked By: JEO
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	



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

Job Number: 9-045

Date: 06/07/18

ISSUED FOR: DATE: PERMIT: 10/03/18

Drawn By: DMD Checked By: 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	



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

Job Number: 9-045

Date: 06/07/18

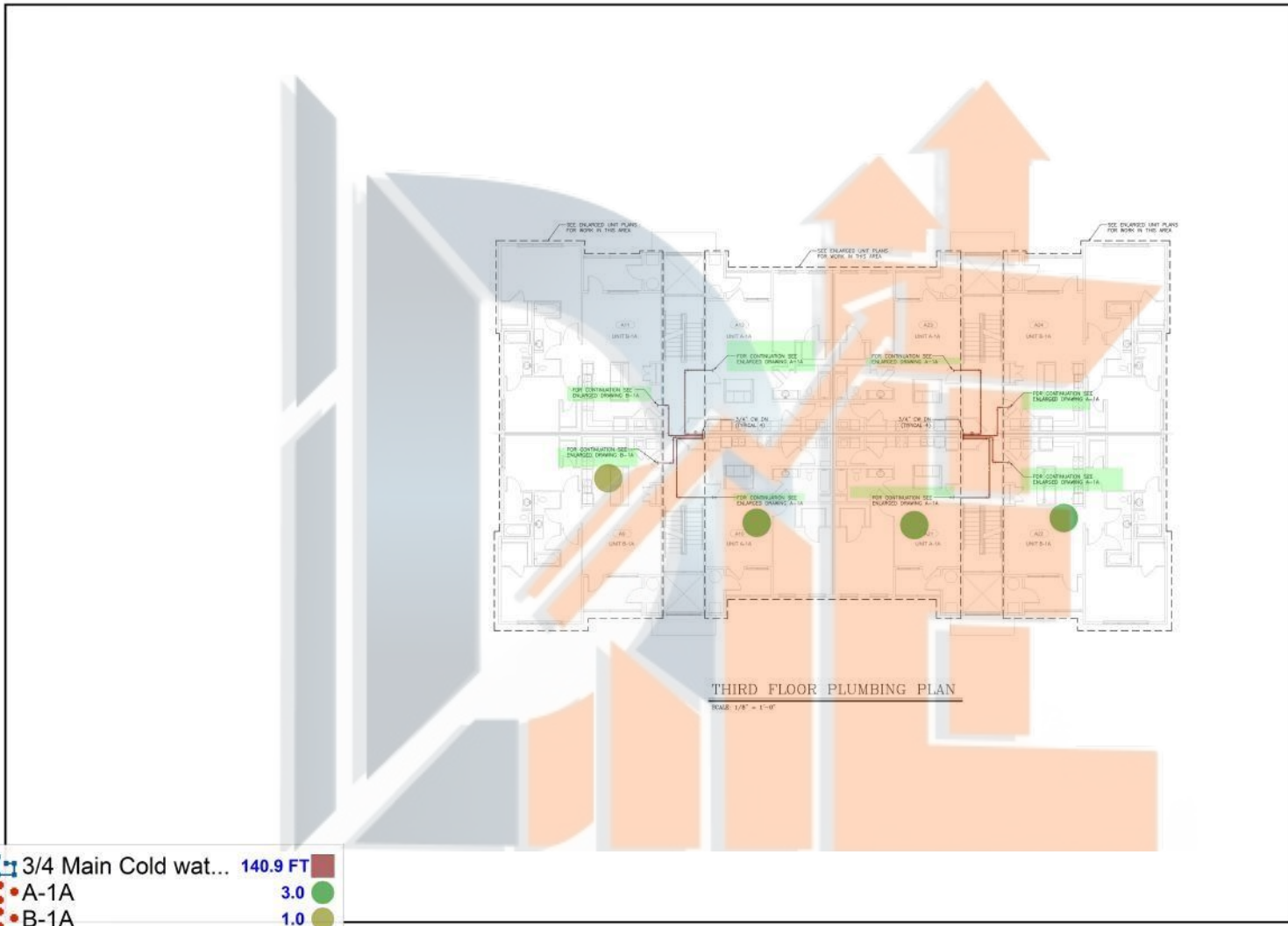
ISSUED FOR: DATE: PERMIT: 10/04/18

Drawn By: DMD Checked By: JEQ

Sheet Title: PLUMBING SECOND FLOOR PLAN

Scale: AS NOTED

Sheet Number: P-3A





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

Job Number: 9-048

Date: 06/07/18

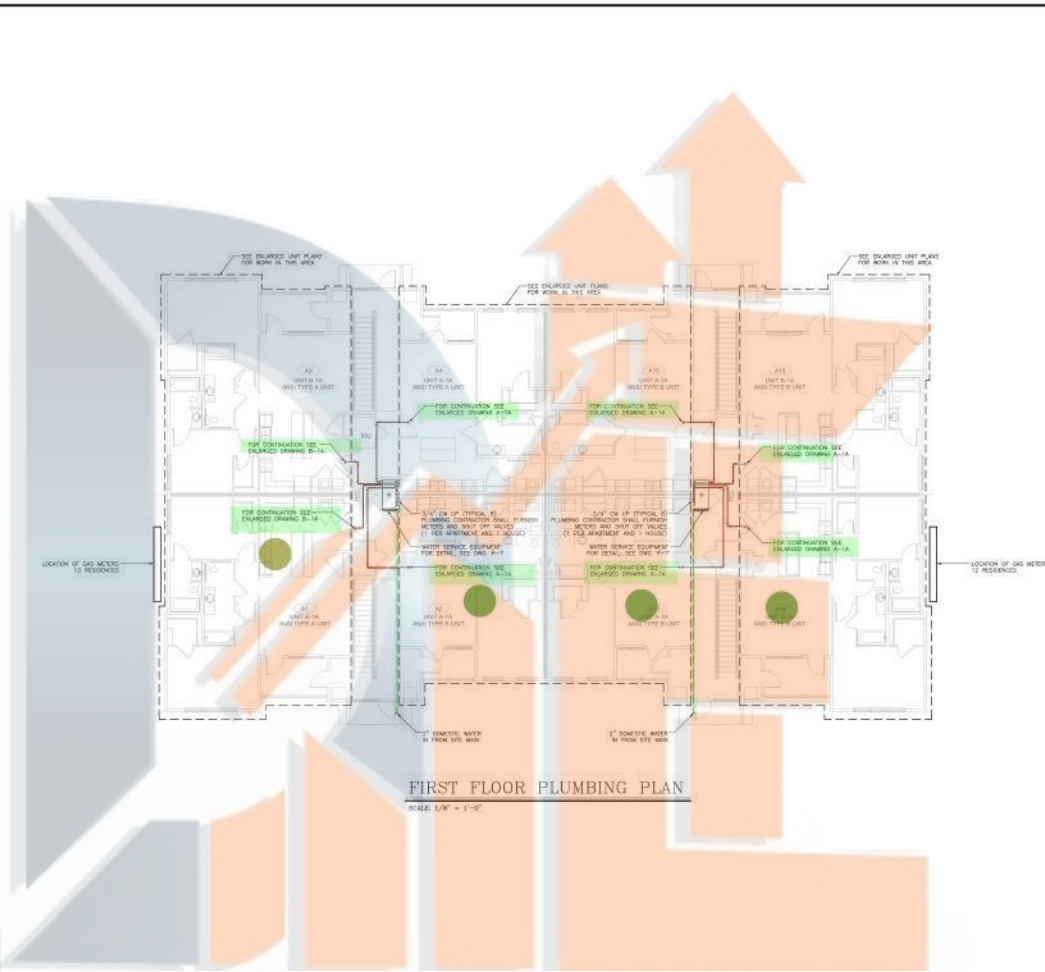
ISSUED FOR: DATE: PERMIT: 10/01/18

Drawn By: DMD Checked By: JEO

Sheet Title: PLUMBING FIRST FLOOR PLAN

Scale: AS NOTED

Sheet Number: P-1B



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

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



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

Job Number: 9-045

Date: 06/07/18

ISSUED FOR: DATE: PERMIT: 10/01/18

Drawn By: DMD Checked By: JEQ

Sheet Title: PLUMBING SECOND FLOOR PLAN

Scale: AS NOTED

Sheet Number: P-3B





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

Job Number: 9-045

Date: 06/07/18

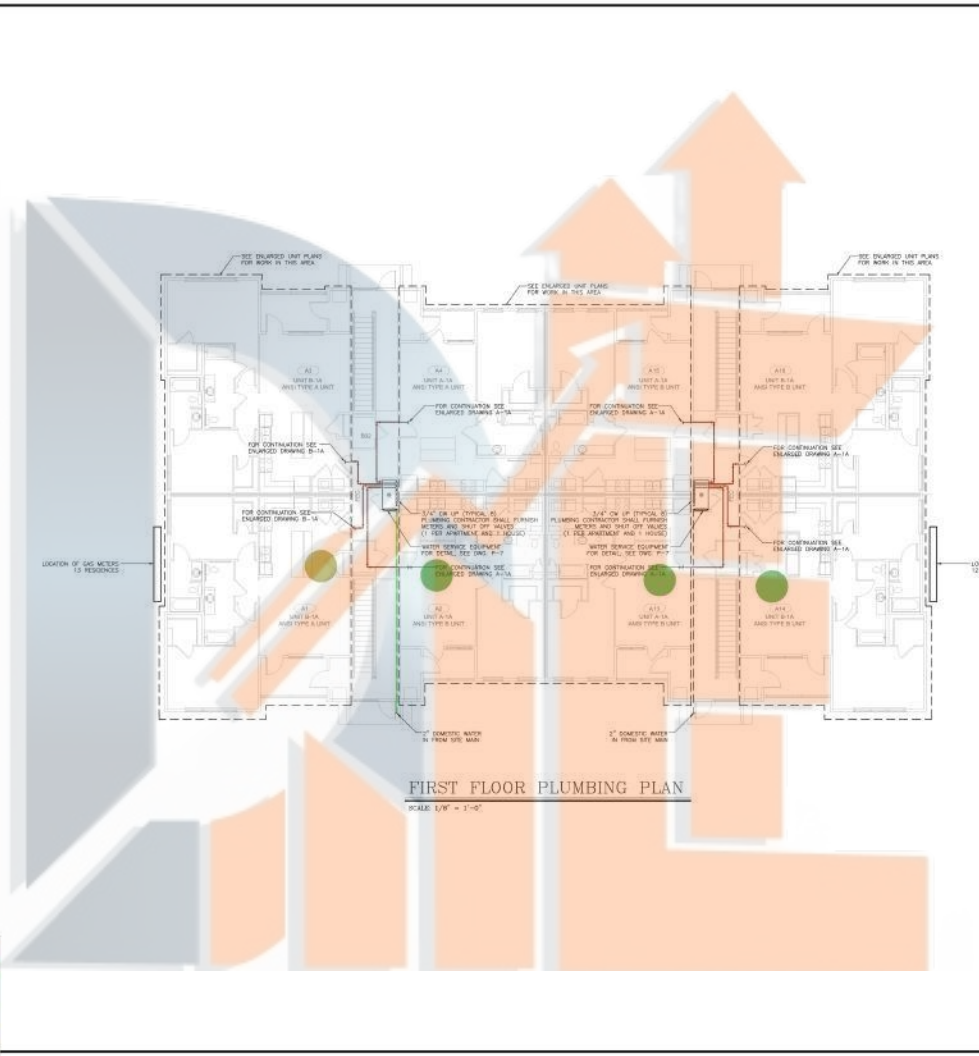
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Drawn By: DMD Checked By: JEQ

Sheet Title: PLUMBING FIRST FLOOR PLAN

Scale: AS NOTED

Sheet Number: P-1C



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



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

Job Number:
9-045

Date:
06/07/18

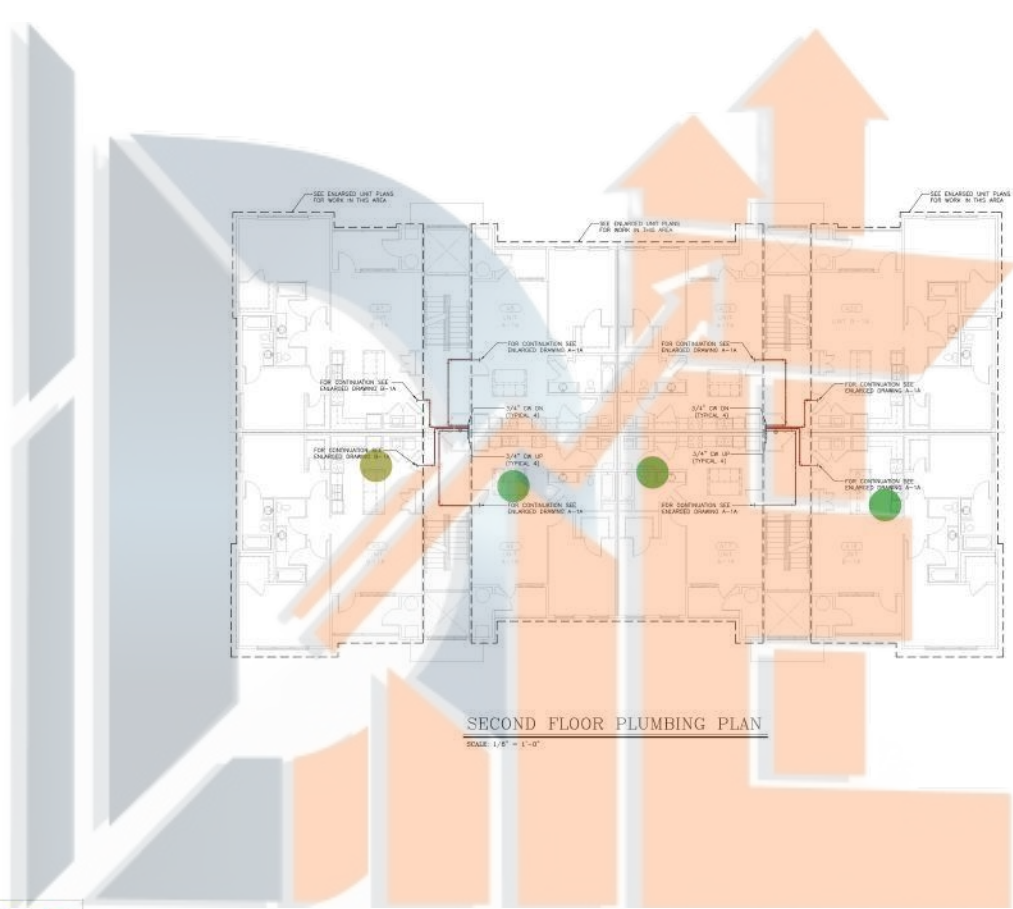
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Drawn By: Checked By:
 DMD JEQ

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	



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

Job Number: 9-045

Date: 06/07/18

ISSUED FOR: DATE: PERMIT: 10/04/18

Drawn By: DMD Checked By: JEQ

Sheet Title: PLUMBING SECOND FLOOR PLAN

Scale: AS NOTED

Sheet Number: P-3C





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**ENLARGED UNIT PLANS
 WATERFORD PARK
 APARTMENT COMMUNITY
 22 MINER LANE
 WATERFORD, CONNECTICUT**

Job Number: 9-045

Date: 06/07/8

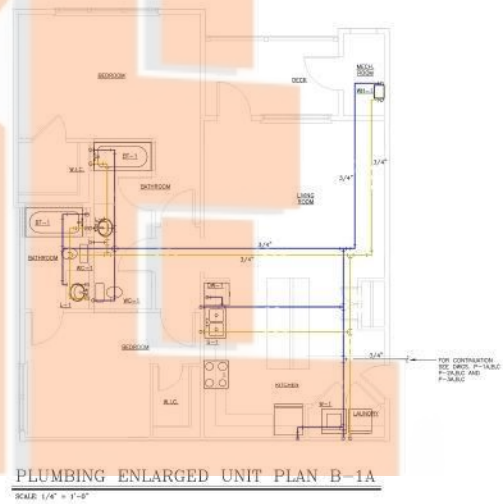
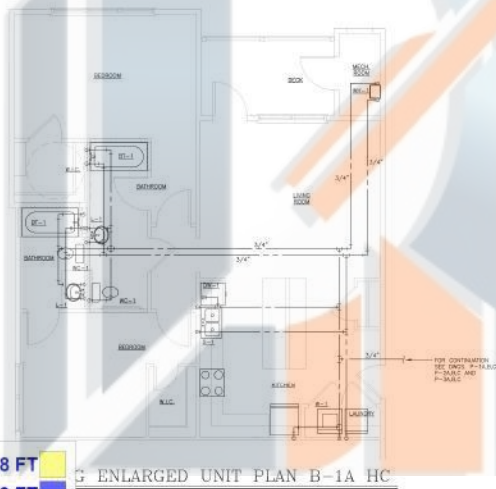
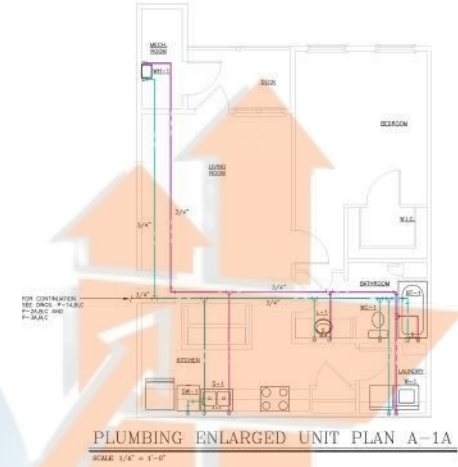
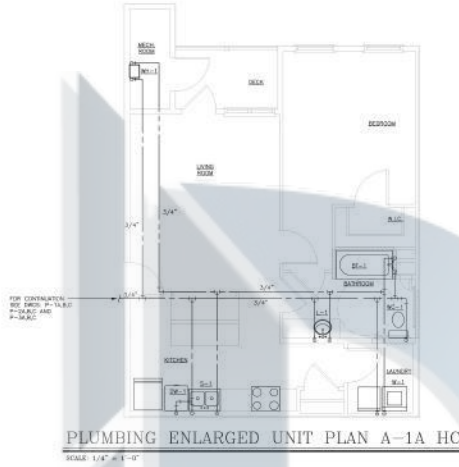
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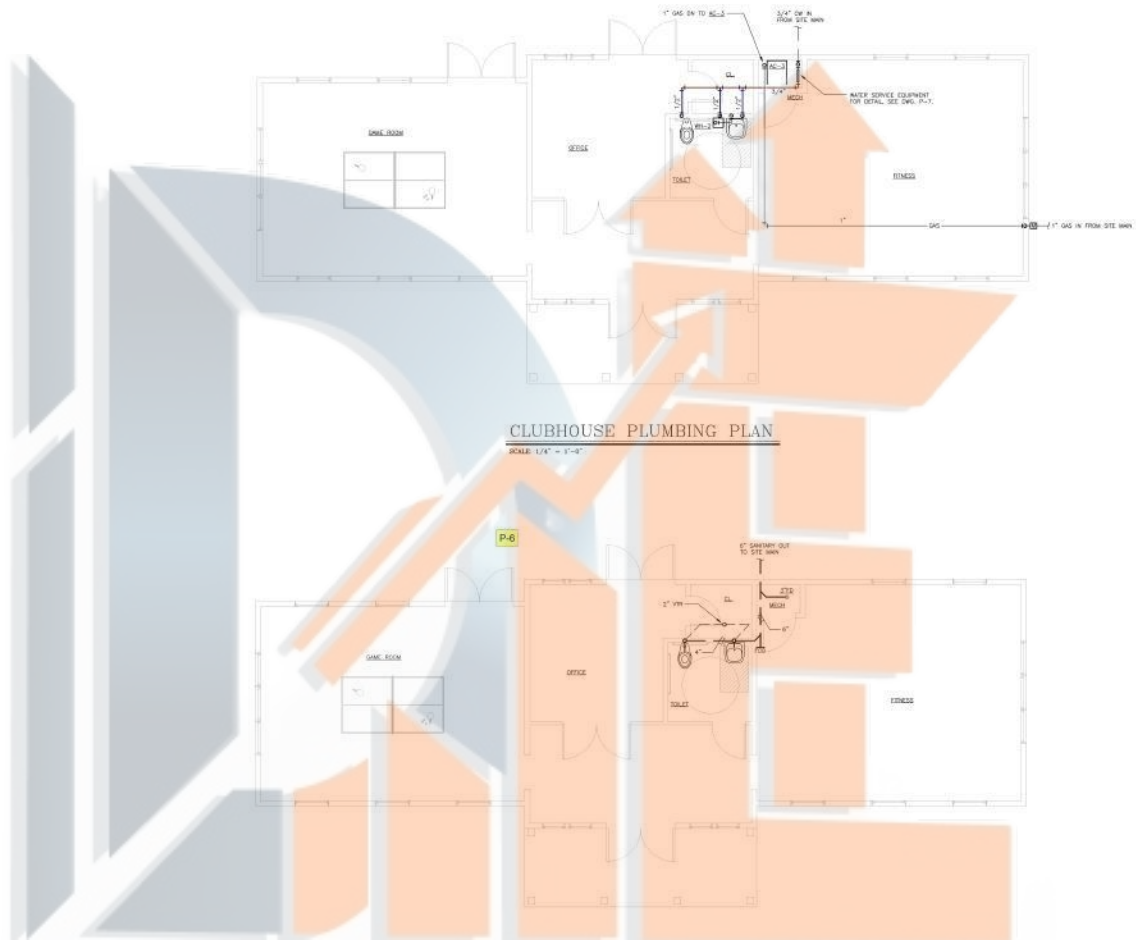
Sheet Title: **PLUMBING ENLARGED UNIT PLANS**

Scale: AS NOTED

Sheet Number: **P-4**



	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



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

Job Number: 9-045

Date: 06/07/18

ISSUED FOR: DATE: PERMIT: 10/03/18

Drawn By: DMD Checked By: 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

CLUBHOUSE SANITARY & VENT PLAN
 SCALE: 1/4" = 1'-0"