

Fire Supply
SERVICE 33909

NEW BEDFORD WATER WORKS
APPLICATION FOR SERVICE AND METER

9/21/17

145-147-149 ARNOLD ST

NEW BEDFORD 9/21/16

I HEREBY ACKNOWLEDGE the receipt of a copy of the Regulations prescribed in the Ordinance of the City, for the use of Water, and I request that the water may be furnished through a

4" inch Fire Supply meter at 157 ~~ASH~~ Street.

Coming off 145 Arnold St. Side: ~~#115 ARNOLD ST.~~

at such rates as may from time to time be established by the City. /

I hereby agree to pay promptly the bill for the Service pipe laid down for my premises, and to pay all dues for water, and I agree to conform to the said Regulations and to all provisions of the Water Ordinances, until written notice is given by me or my agent to cut off the supply.

P. 45

L. 93

Joseph MacLachlan

TELEPHONE (508) 509-7191 611 Allen St. NB, MA 02740

Service laid From Arnold St Side Size and kind of pipe 4" inch Ductile IRON

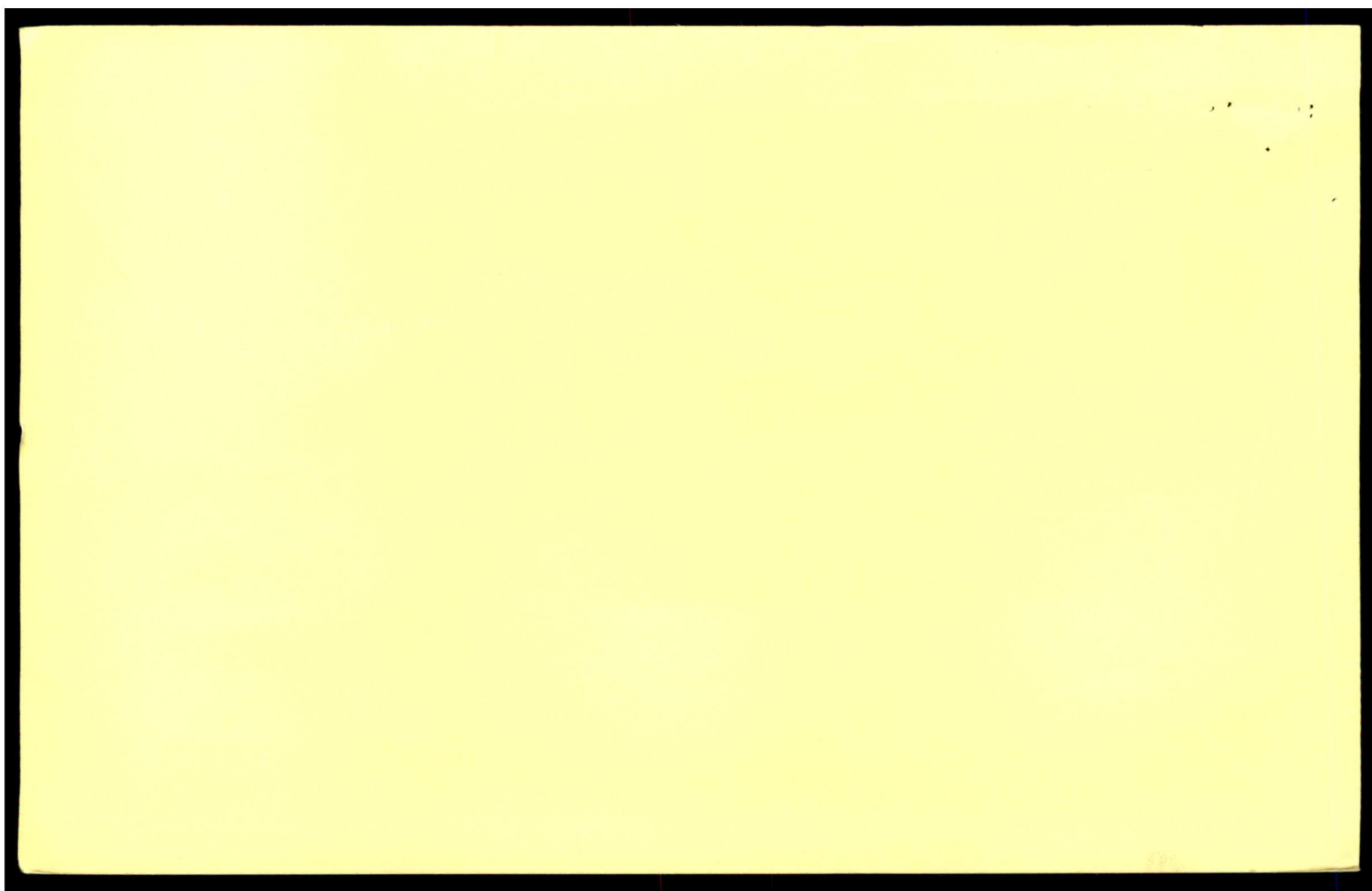
From Arnold St Side St.

Turned on Meter Set

Reading Location

Building rates Paid

Cost of Service \$2165.00 - ch# 3021 Paid





CITY OF NEW BEDFORD
Jonathan F. Mitchell, Mayor

Department of Public Infrastructure

Ronald H. Labelle
Commissioner

Water
Wastewater
Highways
Engineering
Cemetery

To Whom It May Concern:

I Michael Galasso 200 Palmer Ave, being
(Name) (Mailing Address)

FOR TRI - THE RESOURCE, INC.
Owner of property located at

157 ASH STREET / 145 ARNOLD ST

Plot 45, Lot 93, hereby agree to allow Joseph Machado
(Name)

611 Allen St. N.B. MA 02740, to act on my behalf including affixing my
(Mailing Address)

signature in securing permit for:

☐ Sewer/Drain Service Permits
☒ Water Service Permits
☐ Driveway Installation Permits
☐ Sidewalk Installation Permits

I further agree to conform to, and abide by, All City rules and ask regulations applicable to the permit (s) being applied for:

Name

Signature

200 PALMER AVE FALMOUTH 02540

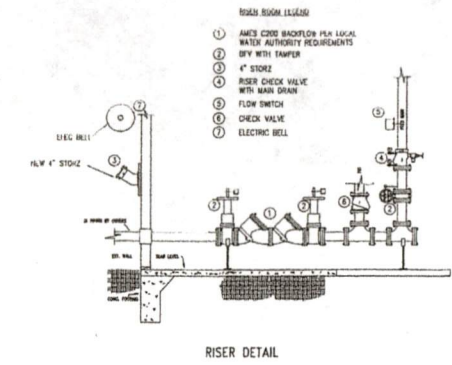
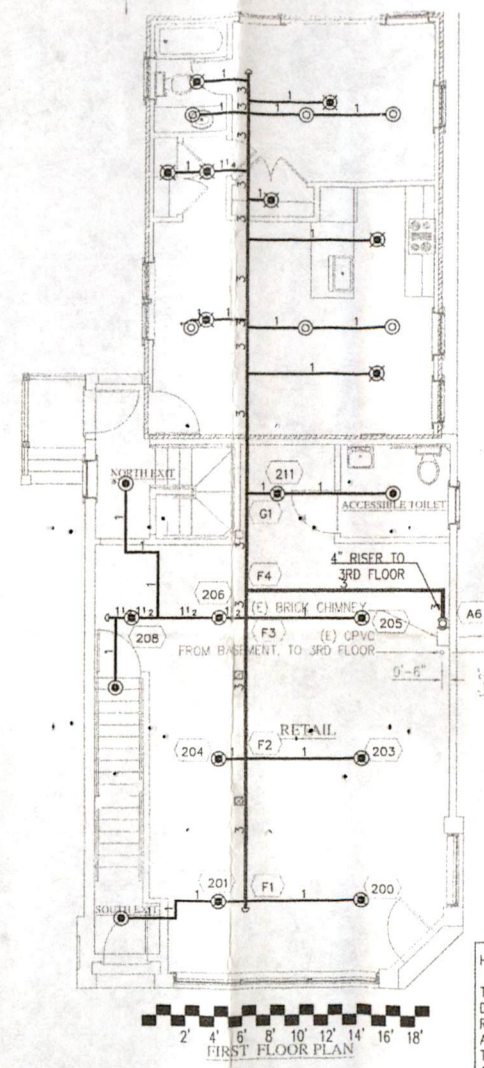
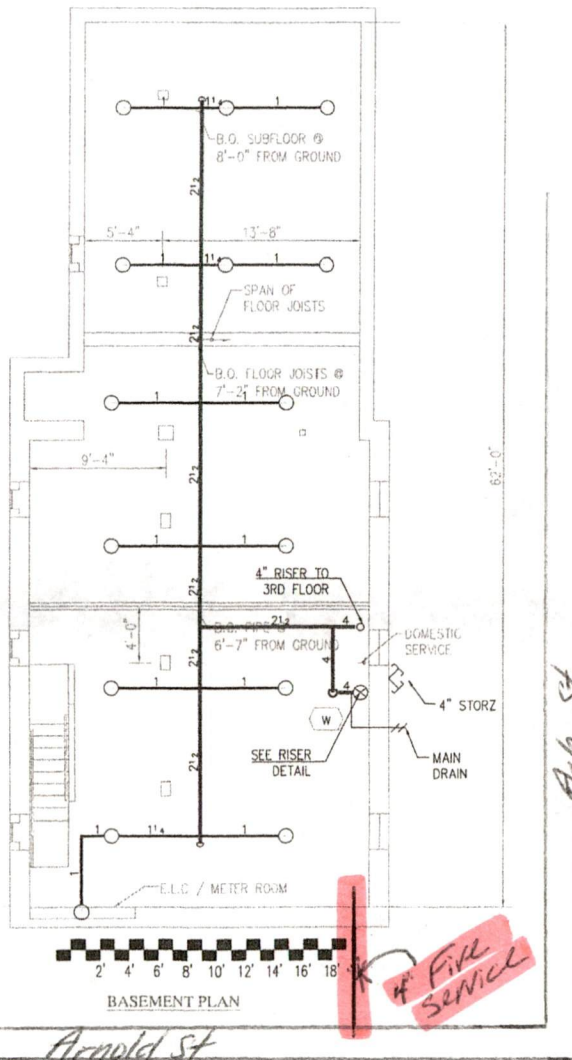
Address

9.6.16

Date

619-316-5895

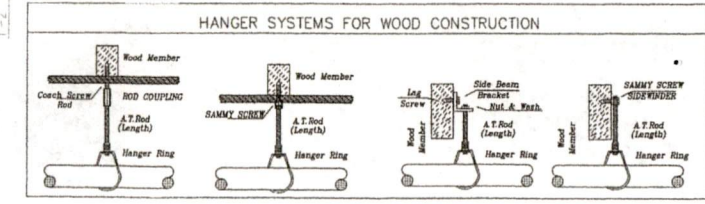
Telephone number



BACKFLOW PREVENTER NOTES:
 BACKFLOW MUST BE MIN. 1'-0" ABOVE FINISH FLOOR.
 BACKFLOW MUST BE MIN. 1'-0" OFF WALL.
 ALL PIPE SCH. 40.
 BACKFLOW MUST BE ACCESSIBLE FOR MAINTENANCE, INSPECTION & TESTING.
 BACKFLOW DEVICE PARTS TO REMAIN AT SITE.
 NO CHEMICALS TO BE USED DOWN STREAM OF BACKFLOW.
 SEE F.P. SPEC FOR ADDITIONAL REQUIREMENTS.

GENERAL NOTE:
 1) ALL MATERIAL USED IS UL AND/OR FM APPROVED AND IS ACCORDANCE WITH THE 2013 NFPA-13 STANDARD.
 2) ALL PIPE 2" OR LARGER SHALL BE LISTED AND SHALL BE 10 G.W.G.
 3) ALL PIPE 1-1/2" OR SMALLER SHALL BE CPVC OR SCHEDULE 40 AS NOTED.
 4) FITTINGS TO BE AS FOLLOWS:
 (C) CPVC FLANGED END, FLANGES & SCHEDULE 40 FLANGES.
 (L) A GROOVE-NECKED, FLANGES & SCHEDULE 40 FLANGES.
 5) OWNER TO PROVIDE SUFFICIENT HEAT TO PREVENT PIPING FROM FREEZING.
 6) () INDICATES HYDRAULIC REFERENCE POINT.
 7) + DENOTES CONTINUING OF PIPE ABOVE FINISHED FLOOR.
 8) G.W.G. DENOTES UNLESS NOTED OTHERWISE.
 9) WORKS OF ELECTRICAL DEVICES IS BY OTHERS.
 10) ALL PIPING TO BE HUNG AS PER 2013 NFPA-13.
 11) INSTALLATION TO CONFORM TO 2013 NFPA-13.

WATER DATA:
 STATIC - 46 PSI
 RESIDUAL - 44 PSI
 FLOW - 0.24 GPM
 ASH STREET
 BY: AAA SPRINKLER CO., INC.
 DATE: 7-27-16



HYDRAULIC CALCULATIONS FOR REMOTE AREA #2
 THIS SYSTEM IS CALCULATED TO PROVIDE A DENSITY OF 20 GPM OVER THE MOST REMOTE 687 SQ. FT. WITH 24.0 G.P.M. AT 9.0 P.S.I. AT THE MOST REMOTE SPRINKLER. THIS SYSTEM WILL HAVE A DEMAND OF 447.8 G.P.M. AT 29.2 P.S.I. AT THE CITY SUPPLY.



ENGINEERING DESIGN SERVICES INCORPORATE

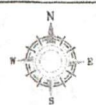
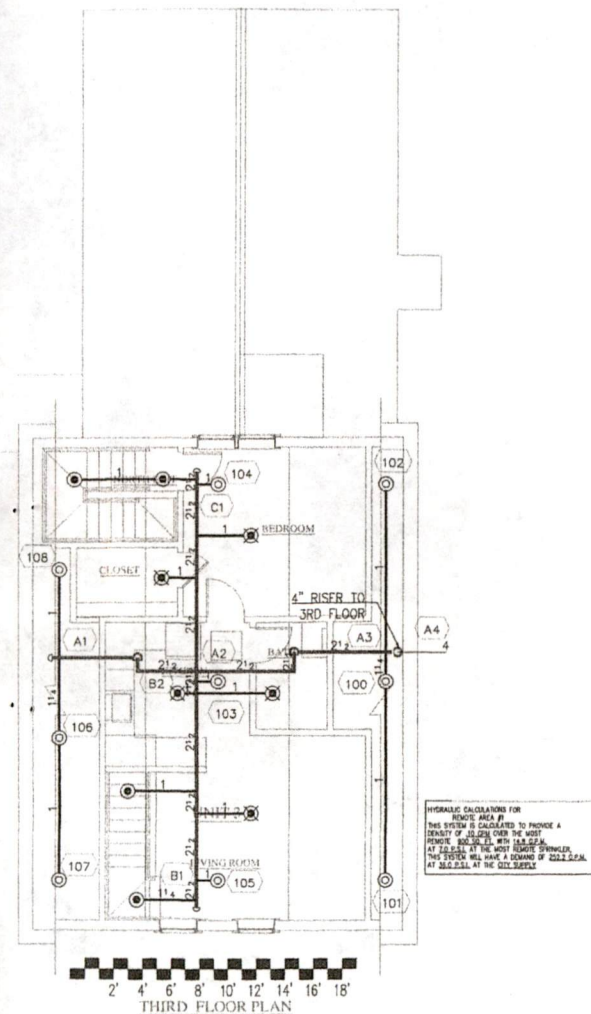
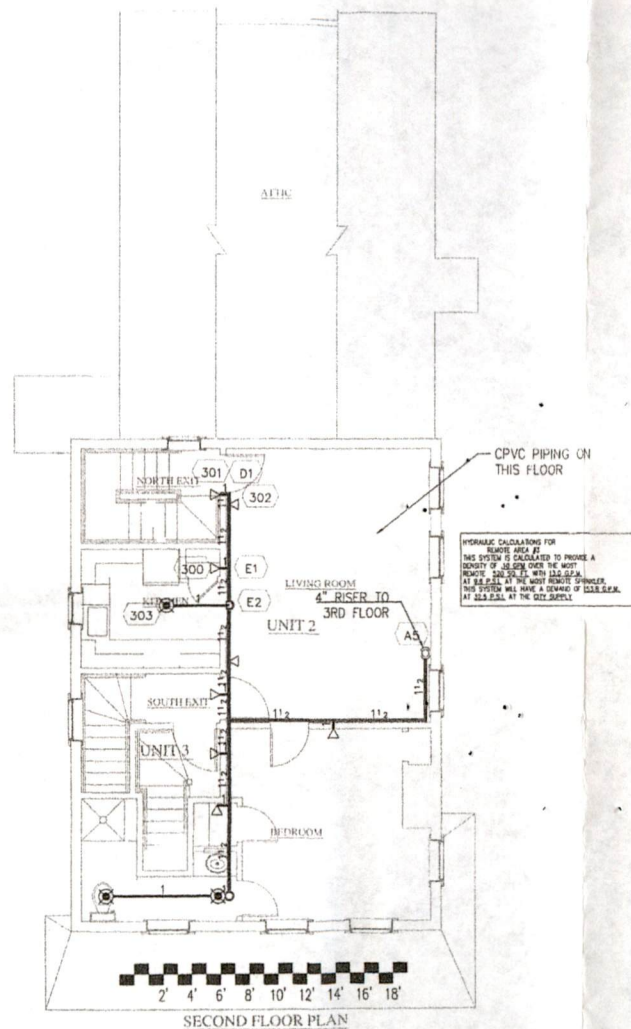
AAA SPRINKLER CO., INC

235 MACKLIN STREET
CRANSTON, RI 02920
401-732-8886
LIC # SC-002414

157 ASH STREET
NEW BEDFORD, MA

SPRINKLER PLAN
BASEMENT/1ST

PERMIT NO.
CONTRACT NO.
APPROVAL
DATE
SCALE 1/4" = 1'-0"
7-29-16
PAGE 1 of 2



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ENGINEERING DESIGN SERVICES
INCORPORATE

REVISIONS	DESCRIPTION	DATE

SPRINKLER SYMBOLS									
SYM	QNT	POSITION	PAINT	TEMP	K	DEF	IGN	RTG	NOTES
○	15	UPR	BRASS	155	5.63	1/2"	V2704	VAC	V2704
⊙	15	UPR	CHROME	155	5.63	1/2"	V2708	VAC	V2708
⊗	16	PEND	WHITE	155	4.80	1/2"	W4517	WNOG	W4518
⊙	15	UPR	BRASS	200	5.63	1/2"	V2704	VAC	V2704
⊗	18	SIDE	WHITE	155	4.30	1/2"	W4484	WNOG	W4484
⊙	18	PEND	CHROME	155	8.00	3/4"	V3402	VAC	V3402

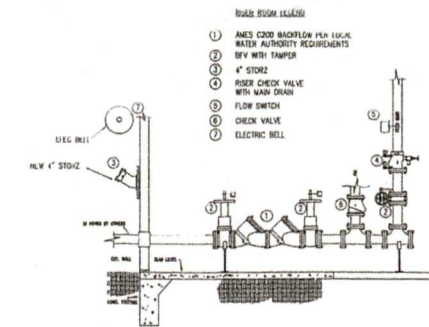
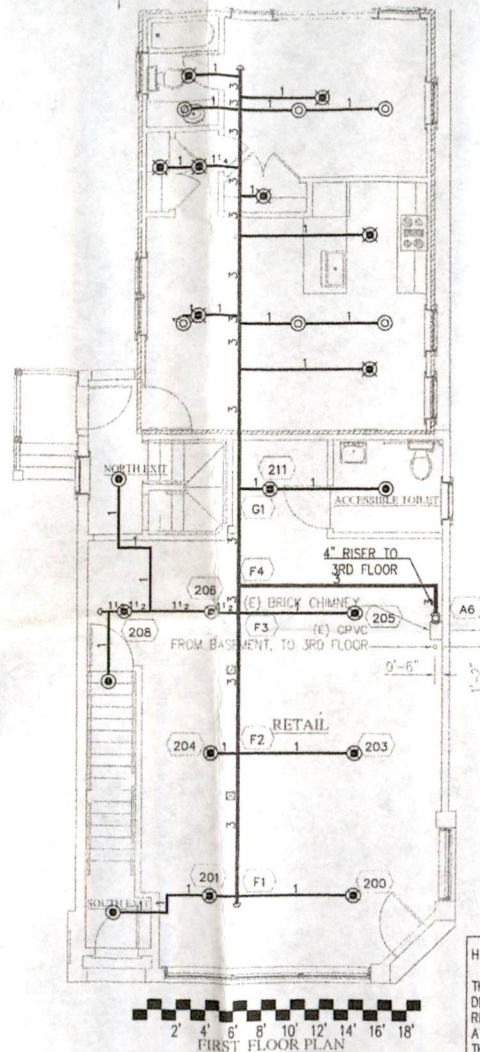
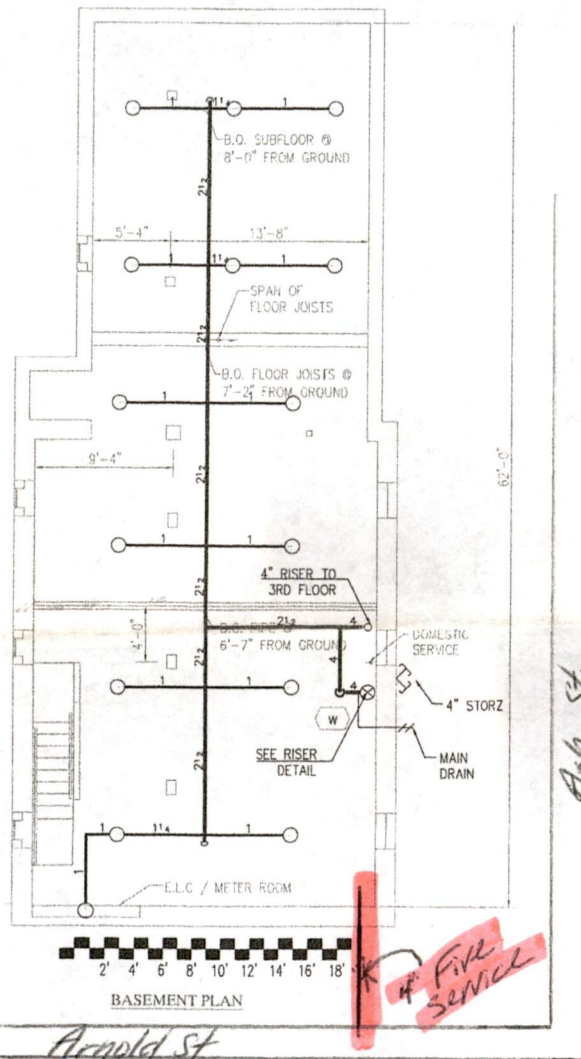
AAA SPRINKLER CO., INC
235 MACKLIN STREET
CRANSTON, RI 02920
401-732-8886
LIC # SC002414

157 ASH STREET
NEW BEDFORD, MA

CONTRACTOR: A PLUS GENERAL CONTRACTING



SPRINKLER PLAN 2ND/3RD	
PROJECT NO.	
CONTRACT NO.	
APPROVAL	
DRAWN BY	
DATE	
SCALE	1/4" = 1'-0"
DATE	7-20-18
PROJECT	FP 2 of 2



RISER DETAIL

GENERAL NOTES

- 1) ALL MATERIAL USED IS UL AND/OR FM APPROVED AND IN ACCORDANCE WITH THE 2013 NFPA-13 STANDARD.
- 2) ALL PIPE 2" OR LARGER SHALL BE LIGHTWALL SCH 40 U.S.G.
- 3) ALL PIPE 1-1/2" OR SMALLER SHALL BE CPVC OR SCHEDULE 40 AS NOTED.
- 4) FITTINGS TO BE AS FOLLOWS:
CPVC - ELBOWS, TEES, COUPLERS, END CAPS, UNIONS, REDUCERS, ADAPTERS, AND CROSSES.
G.I. PLUMB & STEEL - WELDED, FLANGED, AND GASKETED.
5) OWNER TO PROVIDE SUFFICIENT HEAT TO PREVENT PIPING FROM FREEZING.
- 6) INDICATED HYDRAULIC REFERENCE POINT.
- 7) + DENOTES CENTERLINE OF PIPE ABOVE FINISHED FLOOR.
- 8) U.S.G. DENOTES UNLESS NOTED OTHERWISE.
- 9) WIRING OF ELECTRICAL DEVICES IS BY OTHERS.
- 10) ALL PIPING TO BE BEING AS PER 2013 NFPA-13.
- 11) INSTALLATION TO CONFORM TO 2013 NFPA-13.

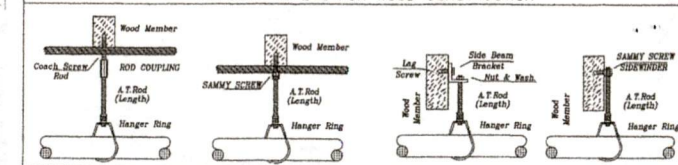
BACKFLOW PREVENTER NOTES

BACKFLOW MUST BE MIN. 1'-3" ABOVE FINISH FLOOR.
 BACKFLOW MUST BE MIN. 1'-0" OFF WALL.
 ALL PIPE SCH 40.
 BACKFLOW MUST BE ACCESSIBLE FOR MAINTENANCE, INSPECTION & TESTING.
 BACKFLOW PREVENTER PARTS TO REMAIN AT SITE.
 NO CHEMICALS TO BE USED DOWN STREAM OF BACKFLOW.
 SEE P. SPEC FOR ADDITIONAL REQUIREMENTS.

WATER DATA:

STATIC - 48 PSIG
 RESIDUAL - 44 PSIG
 FLOW - 924 GPM
 ASH STREET
 BY: AAA SPRINKLER CO., INC.
 DATE: 7-27-16

HANGER SYSTEMS FOR WOOD CONSTRUCTION



HYDRAULIC CALCULATIONS FOR
 REMOTE AREA #2
 THIS SYSTEM IS CALCULATED TO PROVIDE A
 DENSITY OF .20 GPM OVER THE MOST
 REMOTE 687 SQ. FT. WITH 24.0 G.P.M.
 AT 9.0 P.S.I. AT THE MOST REMOTE SPRINKLER,
 THIS SYSTEM WILL HAVE A DEMAND OF 447.8 G.P.M.
 AT 29.2 P.S.I. AT THE CITY SUPPLY.



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 ENGINEERING DESIGN SERVICES
 INCORPORATE

REV.	REVISIONS	DATE

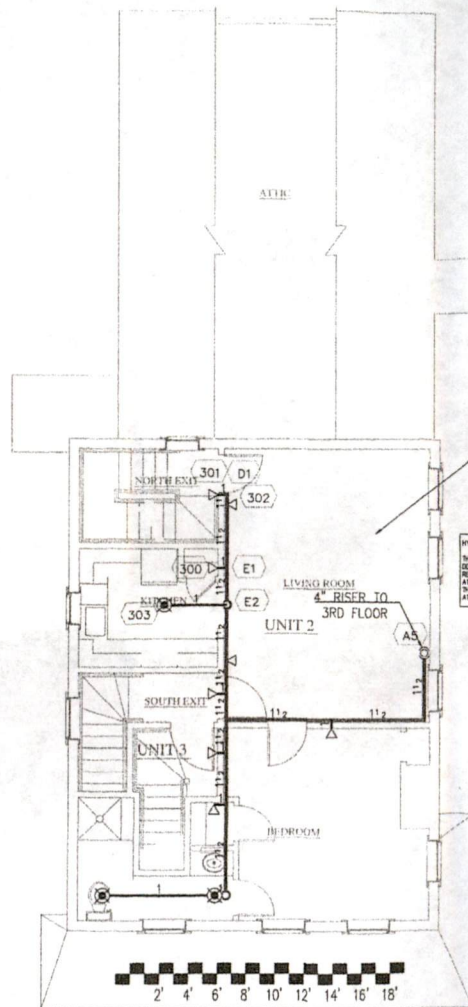
SPRINKLER SYMBOLS									
SYM	TYPE	SIZE	SPR	1/2"	3/4"	1"	1 1/2"	2"	3"
15	UPR	SPR	150	5.00	1/2"	1/2"	1/2"	1/2"	1/2"
16	UPR	SPR	150	5.00	1/2"	1/2"	1/2"	1/2"	1/2"
17	UPR	SPR	150	5.00	1/2"	1/2"	1/2"	1/2"	1/2"
18	UPR	SPR	150	5.00	1/2"	1/2"	1/2"	1/2"	1/2"
19	UPR	SPR	150	5.00	1/2"	1/2"	1/2"	1/2"	1/2"
20	UPR	SPR	150	5.00	1/2"	1/2"	1/2"	1/2"	1/2"
21	UPR	SPR	150	5.00	1/2"	1/2"	1/2"	1/2"	1/2"
22	UPR	SPR	150	5.00	1/2"	1/2"	1/2"	1/2"	1/2"
23	UPR	SPR	150	5.00	1/2"	1/2"	1/2"	1/2"	1/2"
24	UPR	SPR	150	5.00	1/2"	1/2"	1/2"	1/2"	1/2"
25	UPR	SPR	150	5.00	1/2"	1/2"	1/2"	1/2"	1/2"
26	UPR	SPR	150	5.00	1/2"	1/2"	1/2"	1/2"	1/2"
27	UPR	SPR	150	5.00	1/2"	1/2"	1/2"	1/2"	1/2"
28	UPR	SPR	150	5.00	1/2"	1/2"	1/2"	1/2"	1/2"
29	UPR	SPR	150	5.00	1/2"	1/2"	1/2"	1/2"	1/2"
30	UPR	SPR	150	5.00	1/2"	1/2"	1/2"	1/2"	1/2"

AAA SPRINKLER CO., INC
 235 MACKLIN STREET
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 401-732-8886
 LIC # SC-002414

157 ASH STREET
 NEW BEDFORD, MA

CONTRACTOR: A PLUS GENERAL CONTRACTING

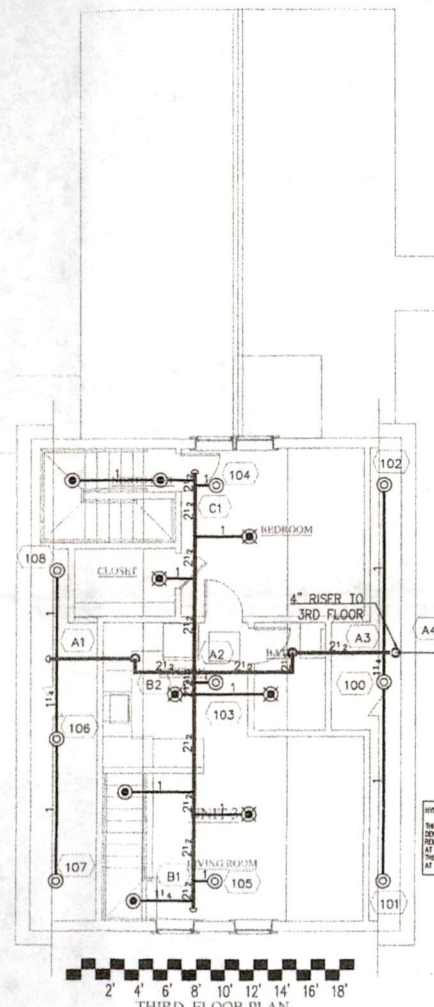
SPRINKLER PLAN BASEMENT/1ST	
PERMIT NO.	
CONTRACT NO.	
DATE	
SCALE	1/4" = 1'-0"
DATE	7-27-16
BY	FP 1 of 2



SECOND FLOOR PLAN

CPVC PIPING ON THIS FLOOR

HYDRAULIC CALCULATIONS FOR REMOTE AREA #1
THIS SYSTEM IS CALCULATED TO PROVIDE A DEMAND OF 100 GPM AT THE MOST REMOTE SPRINKLER. THE SYSTEM WILL HAVE A DEMAND OF 100 GPM AT 200 P.S.I. AT THE OUTLET.



THIRD FLOOR PLAN

HYDRAULIC CALCULATIONS FOR REMOTE AREA #2
THIS SYSTEM IS CALCULATED TO PROVIDE A DEMAND OF 100 GPM AT THE MOST REMOTE SPRINKLER. THE SYSTEM WILL HAVE A DEMAND OF 100 GPM AT 200 P.S.I. AT THE OUTLET.



eds
ENGINEERING DESIGN SERVICES
INCORPORATE

DATE	REVISIONS	BY
	SPRINKLER	

SPRINKLER SYMBOLS							
REV	DATE	DESCRIPTION	FAMILY	TEMP	RT	SPR	MODEL #
1	15	UPR	BRASS	155	5.80	1/2"	V270A
2	16	PEND	CHROME	155	5.80	1/2"	V270B
3	16	PEND	WHITE	155	4.80	1/2"	V270C
4	16	UPR	BRASS	200	5.60	1/2"	V270D
5	18	SOE	WHITE	185	4.20	1/2"	V270E
6	18	PEND	CHROME	155	6.00	3/4"	V270F

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NEW BEDFORD, MA

CONTRACTOR: A PLUS GENERAL CONTRACTING



SPRINKLER PLAN 2ND/3RD	
PERMIT NO.	
CONTRACT NO.	
APPROVAL	
DRAWN BY	
TBL	
SCALE 1/4" = 1'-0"	
DATE 7-29-18	
REVISION	FP 2 of 2