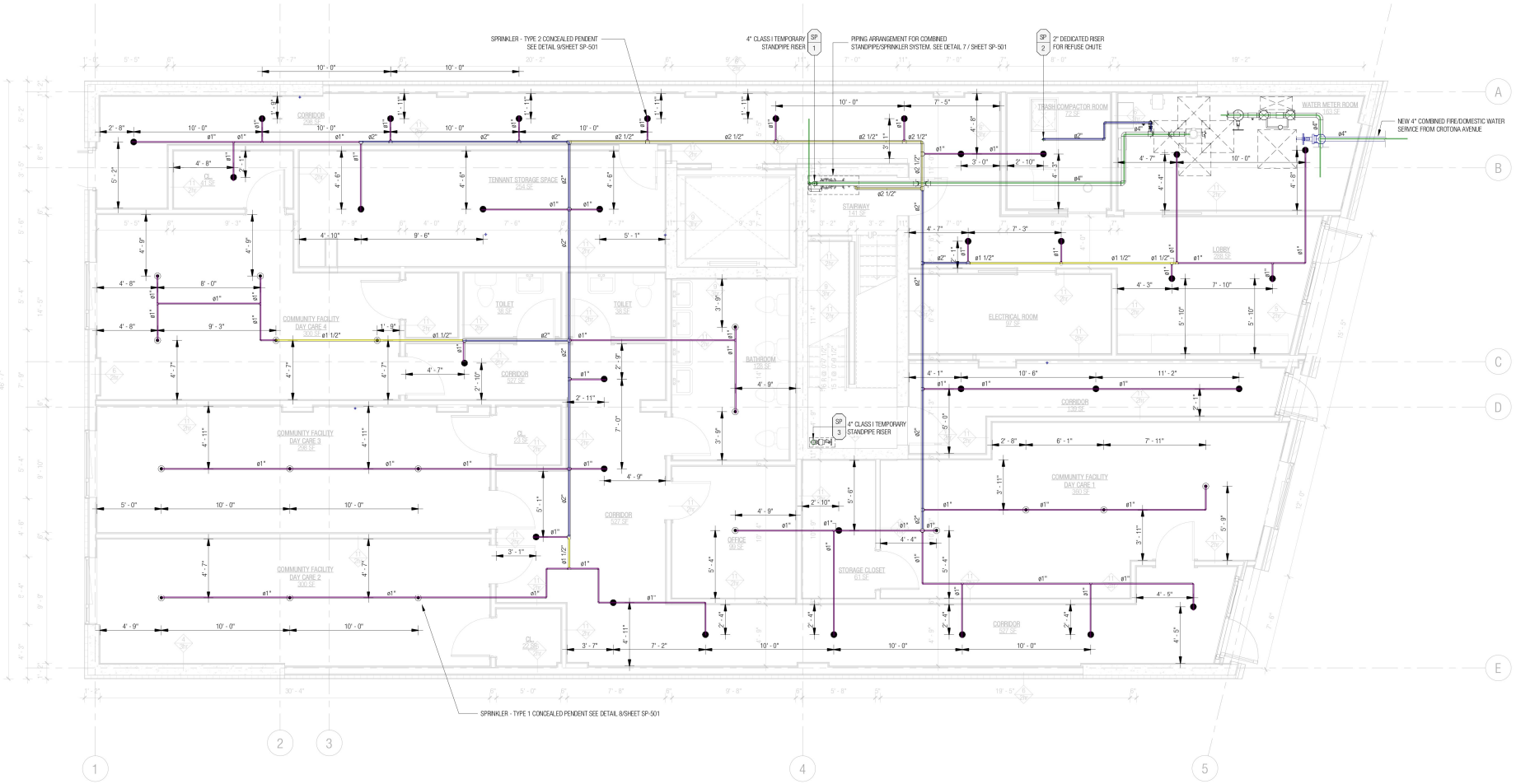
SPRINKLER SCHEDULE

Type Mark	Type	Count
1ST FLOOR		
	SPRINKLER - TYPE 1 CONCEALED PENDENT	18
	SPRINKLER - TYPE 2 CONCEALED PENDENT	10
	SPRINKLER - TYPE 3 SIDEWALL	1
2ND FLOOR		
	SPRINKLER - TYPE 1 CONCEALED PENDENT	26
	SPRINKLER - TYPE 2 CONCEALED PENDENT	22
3RD FLOOR		
	SPRINKLER - TYPE 1 CONCEALED PENDENT	23
	SPRINKLER - TYPE 2 CONCEALED PENDENT	8
	SPRINKLER - TYPE 3 SIDEWALL	1
4TH FLOOR		
	SPRINKLER - TYPE 1 CONCEALED PENDENT	23
	SPRINKLER - TYPE 2 CONCEALED PENDENT	8
5TH FLOOR		
	SPRINKLER - TYPE 1 CONCEALED PENDENT	23
	SPRINKLER - TYPE 2 CONCEALED PENDENT	8
	SPRINKLER - TYPE 3 SIDEWALL	1

SPRINKLER SCHEDULE

Type Mark	Type	Count
6TH FLOOR		
	SPRINKLER - TYPE 1 CONCEALED PENDENT	23
	SPRINKLER - TYPE 2 CONCEALED PENDENT	8
7TH FLOOR		
	SPRINKLER - TYPE 1 CONCEALED PENDENT	23
	SPRINKLER - TYPE 2 CONCEALED PENDENT	8
	SPRINKLER - TYPE 3 SIDEWALL	1
8TH FLOOR		
	SPRINKLER - TYPE 1 CONCEALED PENDENT	23
	SPRINKLER - TYPE 2 CONCEALED PENDENT	8
9TH FLOOR		
	SPRINKLER - TYPE 1 CONCEALED PENDENT	23
	SPRINKLER - TYPE 2 CONCEALED PENDENT	8
	SPRINKLER - TYPE 3 SIDEWALL	1
ROOF		
	SPRINKLER - TYPE 2 CONCEALED PENDENT	11
Grand total		332

Sprinkler Type-1 Concealed Pendant	9.0 EA
Sprinkler Type-2 Concealed Pendant	5.0 EA
Sprinkler - Type 3 Sidewall	5.0 EA
4" Dia Galvanized Steel SCH:40 Sprinkler Pipe	57.7 FT
2-1/2" Dia Black Steel SCH:40 Sprinkler Pipe	36.5 FT
2" Dia Ductile Iron Sprinkler Pipe	95.6 FT
1" Dia Ductile Iron Sprinkler Pipe	329.4 FT
1-1/2" Dia Ductile Iron Sprinkler Pipe	33.1 FT



1 1ST FLOOR - SPRINKLER PROTECTION PLAN
1/4" = 1'-0"

ADDRESS:
2259 CROTONA AVENUE, BRONX, NY 10457

BLOCK: 3101
LOT: 16
BIN: 2803616

OWNER:
2259 CROTONA REALTY LLC

KEY PLAN:



ISSUE / REVISION:

#	DATE	DESCRIPTION
.00	07/09/2024	FILING

DOB SEAL:

DRAWING TITLE:
SPRINKLER PROTECTION PLANS

APPLICANT:
Grid
Drafting and Consulting LLC
1738 Hone Avenue, Bronx
New York, NY 10461
(929) 529-8215 / info@grid-nyc.com

REGISTERED DESIGN PROFESSIONAL:
John N. Backos R.A.

PROFESSIONAL SEAL:

PROJECT NO. 24-02
PROJECT DATE: 01/27/25
SCALE: 1/4" = 1'-0"

DRAWING# REVISION#
SP-101 .00

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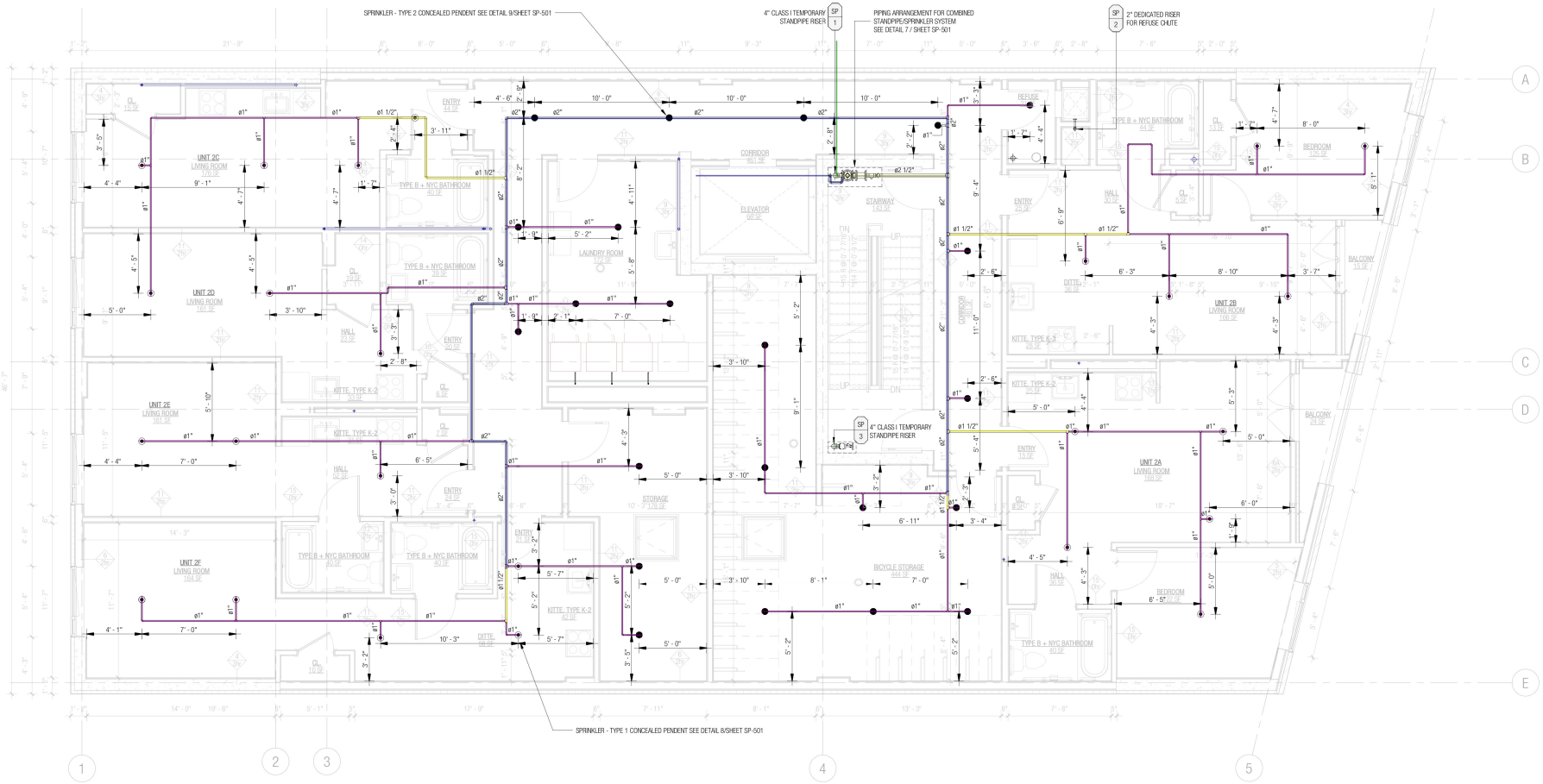
APPLICATION NUMBER:
X01047537-S4

SPRINKLER SCHEDULE		
Type Mark	Type	Count
1ST FLOOR		
	SPRINKLER - TYPE 1 CONCEALED PENDENT	18
	SPRINKLER - TYPE 2 CONCEALED PENDENT	33
	SPRINKLER - TYPE 3 SIDEWALL	1
2ND FLOOR		
	SPRINKLER - TYPE 1 CONCEALED PENDENT	26
	SPRINKLER - TYPE 2 CONCEALED PENDENT	22
3RD FLOOR		
	SPRINKLER - TYPE 1 CONCEALED PENDENT	23
	SPRINKLER - TYPE 2 CONCEALED PENDENT	8
	SPRINKLER - TYPE 3 SIDEWALL	1
4TH FLOOR		
	SPRINKLER - TYPE 1 CONCEALED PENDENT	23
	SPRINKLER - TYPE 2 CONCEALED PENDENT	8
5TH FLOOR		
	SPRINKLER - TYPE 1 CONCEALED PENDENT	23
	SPRINKLER - TYPE 2 CONCEALED PENDENT	8
	SPRINKLER - TYPE 3 SIDEWALL	1

SPRINKLER SCHEDULE		
Type Mark	Type	Count
6TH FLOOR		
	SPRINKLER - TYPE 1 CONCEALED PENDENT	23
	SPRINKLER - TYPE 2 CONCEALED PENDENT	8
7TH FLOOR		
	SPRINKLER - TYPE 1 CONCEALED PENDENT	23
	SPRINKLER - TYPE 2 CONCEALED PENDENT	8
	SPRINKLER - TYPE 3 SIDEWALL	1
8TH FLOOR		
	SPRINKLER - TYPE 1 CONCEALED PENDENT	23
	SPRINKLER - TYPE 2 CONCEALED PENDENT	8
9TH FLOOR		
	SPRINKLER - TYPE 1 CONCEALED PENDENT	23
	SPRINKLER - TYPE 2 CONCEALED PENDENT	8
	SPRINKLER - TYPE 3 SIDEWALL	1
ROOF		
	SPRINKLER - TYPE 2 CONCEALED PENDENT	11
Grand total		332

1" Dia Ductile Iron Sprinkler Pipe	321.2 FT
1-1/2" Dia Ductile Iron Sprinkler Pipe	42.8 FT
2" Dia Ductile Iron Sprinkler Pipe	111.0 FT
2-1/2" Dia Black Steel SCH:40 Sprinkler Pipe	8.3 FT
4" Dia Galvanized Steel SCH:40 Sprinkler Pipe	10.0 FT



1 2ND FLOOR - SPRINKLER PROTECTION PLAN
1/4" = 1'-0"

ADDRESS:
2259 CROTONA AVENUE, BRONX, NY 10457

BLOCK: 3101
LOT: 16
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REGISTERED DESIGN PROFESSIONAL:
John N. Backos R.A.

PROFESSIONAL SEAL:

PROJECT NO. 24-02
PROJECT DATE: 01/27/25
SCALE: 1/4" = 1'-0"

DRAWING# REVISION#
SP-102 .00

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APPLICATION NUMBER:
X01047537-S4

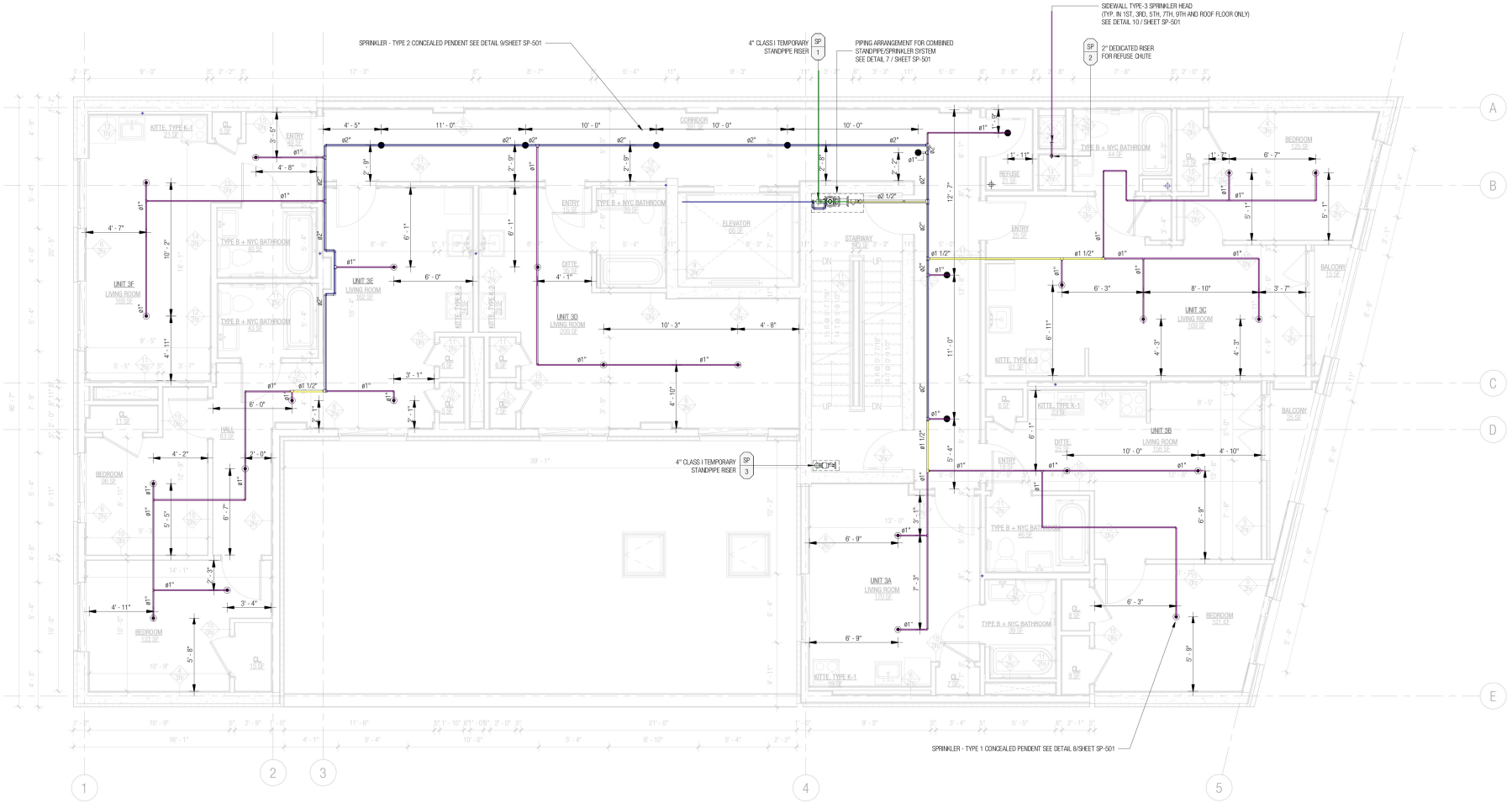
SPRINKLER SCHEDULE

Type Mark	Type	Count
1ST FLOOR		
	SPRINKLER - TYPE 1 CONCEALED PENDENT	18
	SPRINKLER - TYPE 2 CONCEALED PENDENT	33
	SPRINKLER - TYPE 3 SIDEWALL	1
2ND FLOOR		
	SPRINKLER - TYPE 1 CONCEALED PENDENT	26
	SPRINKLER - TYPE 2 CONCEALED PENDENT	22
3RD FLOOR		
	SPRINKLER - TYPE 1 CONCEALED PENDENT	23
	SPRINKLER - TYPE 2 CONCEALED PENDENT	8
	SPRINKLER - TYPE 3 SIDEWALL	1
4TH FLOOR		
	SPRINKLER - TYPE 1 CONCEALED PENDENT	23
	SPRINKLER - TYPE 2 CONCEALED PENDENT	8
5TH FLOOR		
	SPRINKLER - TYPE 1 CONCEALED PENDENT	23
	SPRINKLER - TYPE 2 CONCEALED PENDENT	8
	SPRINKLER - TYPE 3 SIDEWALL	1

SPRINKLER SCHEDULE

Type Mark	Type	Count
6TH FLOOR		
	SPRINKLER - TYPE 1 CONCEALED PENDENT	23
	SPRINKLER - TYPE 2 CONCEALED PENDENT	8
7TH FLOOR		
	SPRINKLER - TYPE 1 CONCEALED PENDENT	23
	SPRINKLER - TYPE 2 CONCEALED PENDENT	8
	SPRINKLER - TYPE 3 SIDEWALL	1
8TH FLOOR		
	SPRINKLER - TYPE 1 CONCEALED PENDENT	23
	SPRINKLER - TYPE 2 CONCEALED PENDENT	8
9TH FLOOR		
	SPRINKLER - TYPE 1 CONCEALED PENDENT	23
	SPRINKLER - TYPE 2 CONCEALED PENDENT	8
	SPRINKLER - TYPE 3 SIDEWALL	1
ROOF		
	SPRINKLER - TYPE 2 CONCEALED PENDENT	11
Grand total		332

2-1/2" Dia Black Steel SCH:40 Sprinkler Pipe	5.9 FT
2" Dia Ductile Iron Sprinkler Pipe	98.9 FT
1-1/2" Dia Ductile Iron Sprinkler Pipe	19.8 FT
1" Dia Ductile Iron Sprinkler Pipe	242.7 FT
4" Dia Galvanized Steel SCH:40 Sprinkler Pipe	12.3 FT



1 3RD FLOOR - SPRINKLER PROTECTION PLAN
1/4" = 1'-0"

ADDRESS:
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REGISTERED DESIGN PROFESSIONAL:
John N. Backos R.A.

PROFESSIONAL SEAL:

PROJECT NO. 24-02
PROJECT DATE: 01/27/25
SCALE: 1/4" = 1'-0"

DRAWING# REVISION#
SP-103 .00

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APPLICATION NUMBER:
X01047537-S4

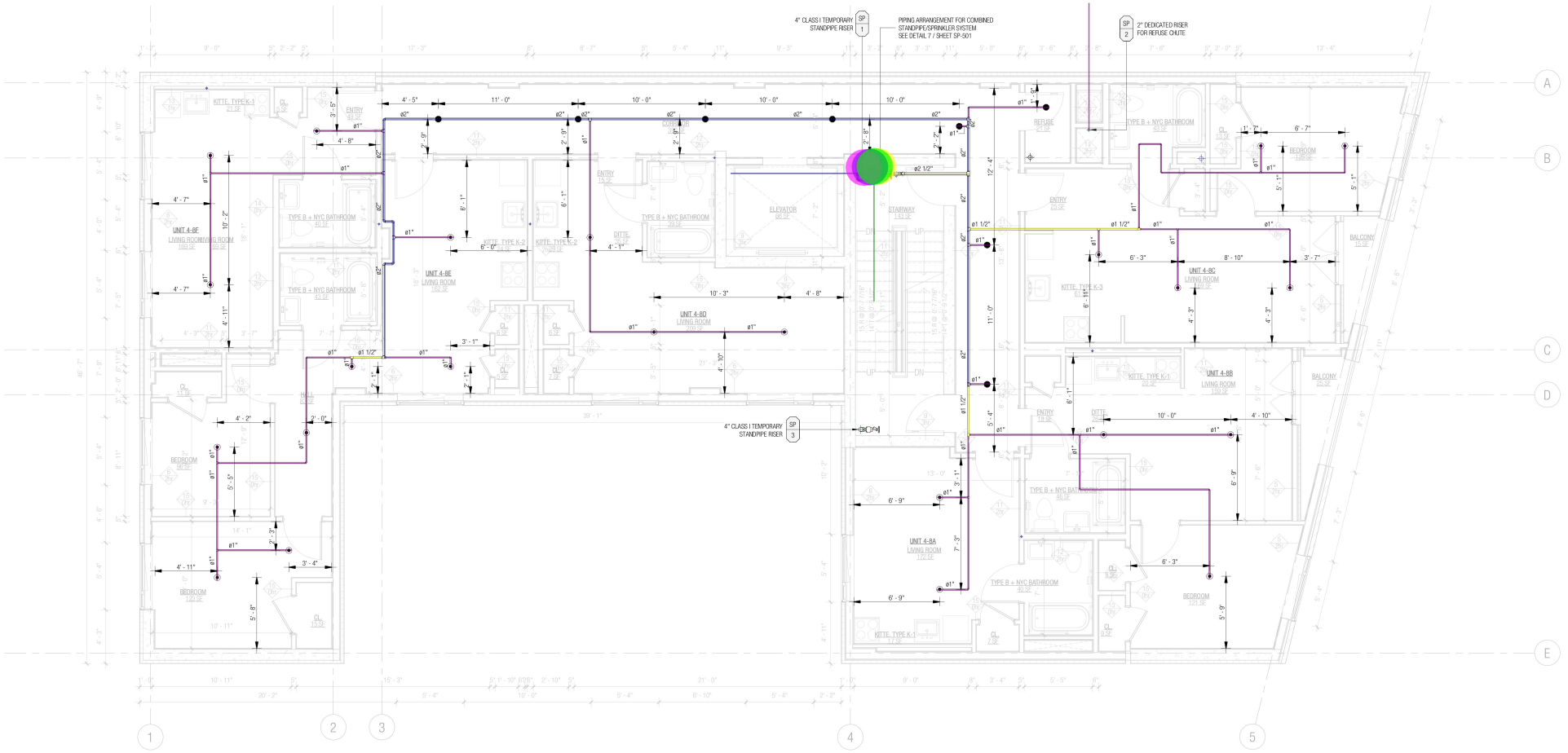
SPRINKLER SCHEDULE

Type Mark	Type	Count
1ST FLOOR		
	SPRINKLER - TYPE 1 CONCEALED PENDENT	18
	SPRINKLER - TYPE 2 CONCEALED PENDENT	33
	SPRINKLER - TYPE 3 SIDEWALL	1
2ND FLOOR		
	SPRINKLER - TYPE 1 CONCEALED PENDENT	26
	SPRINKLER - TYPE 2 CONCEALED PENDENT	22
3RD FLOOR		
	SPRINKLER - TYPE 1 CONCEALED PENDENT	23
	SPRINKLER - TYPE 2 CONCEALED PENDENT	8
	SPRINKLER - TYPE 3 SIDEWALL	1
4TH FLOOR		
	SPRINKLER - TYPE 1 CONCEALED PENDENT	23
	SPRINKLER - TYPE 2 CONCEALED PENDENT	8
5TH FLOOR		
	SPRINKLER - TYPE 1 CONCEALED PENDENT	23
	SPRINKLER - TYPE 2 CONCEALED PENDENT	8
	SPRINKLER - TYPE 3 SIDEWALL	1

SPRINKLER SCHEDULE

Type Mark	Type	Count
6TH FLOOR		
	SPRINKLER - TYPE 1 CONCEALED PENDENT	23
	SPRINKLER - TYPE 2 CONCEALED PENDENT	8
7TH FLOOR		
	SPRINKLER - TYPE 1 CONCEALED PENDENT	23
	SPRINKLER - TYPE 2 CONCEALED PENDENT	8
	SPRINKLER - TYPE 3 SIDEWALL	1
8TH FLOOR		
	SPRINKLER - TYPE 1 CONCEALED PENDENT	23
	SPRINKLER - TYPE 2 CONCEALED PENDENT	8
9TH FLOOR		
	SPRINKLER - TYPE 1 CONCEALED PENDENT	23
	SPRINKLER - TYPE 2 CONCEALED PENDENT	8
	SPRINKLER - TYPE 3 SIDEWALL	1
ROOF		
	SPRINKLER - TYPE 2 CONCEALED PENDENT	11
Grand total		332

4"	11.3 FT
2"	98.8 FT
2-1/2"	6.1 FT
1-1/2"	19.9 FT
1"	241.9 FT
Pressure Guage	2.0 EA
Water Flow Switch	1.0 EA
Control Valve With Tamper Switch	1.0 EA
Caped Housed Outlet Valve	1.0 EA



1 4TH TO 8TH FLOOR - SPRINKLER PROTECTION PLAN
1/4" = 1'-0"

ADDRESS:
2259 CROTONA AVENUE, BRONX, NY 10457

BLOCK: 3101
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BIN: 2803616

OWNER:
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APPLICANT:
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REGISTERED DESIGN PROFESSIONAL:
John N. Backos R.A.

PROFESSIONAL SEAL:

PROJECT NO. 24-02
PROJECT DATE: 01/27/25
SCALE: 1/4" = 1'-0"

DRAWING# REVISION#
SP-104 .00

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APPLICATION NUMBER:
X01047537-S4

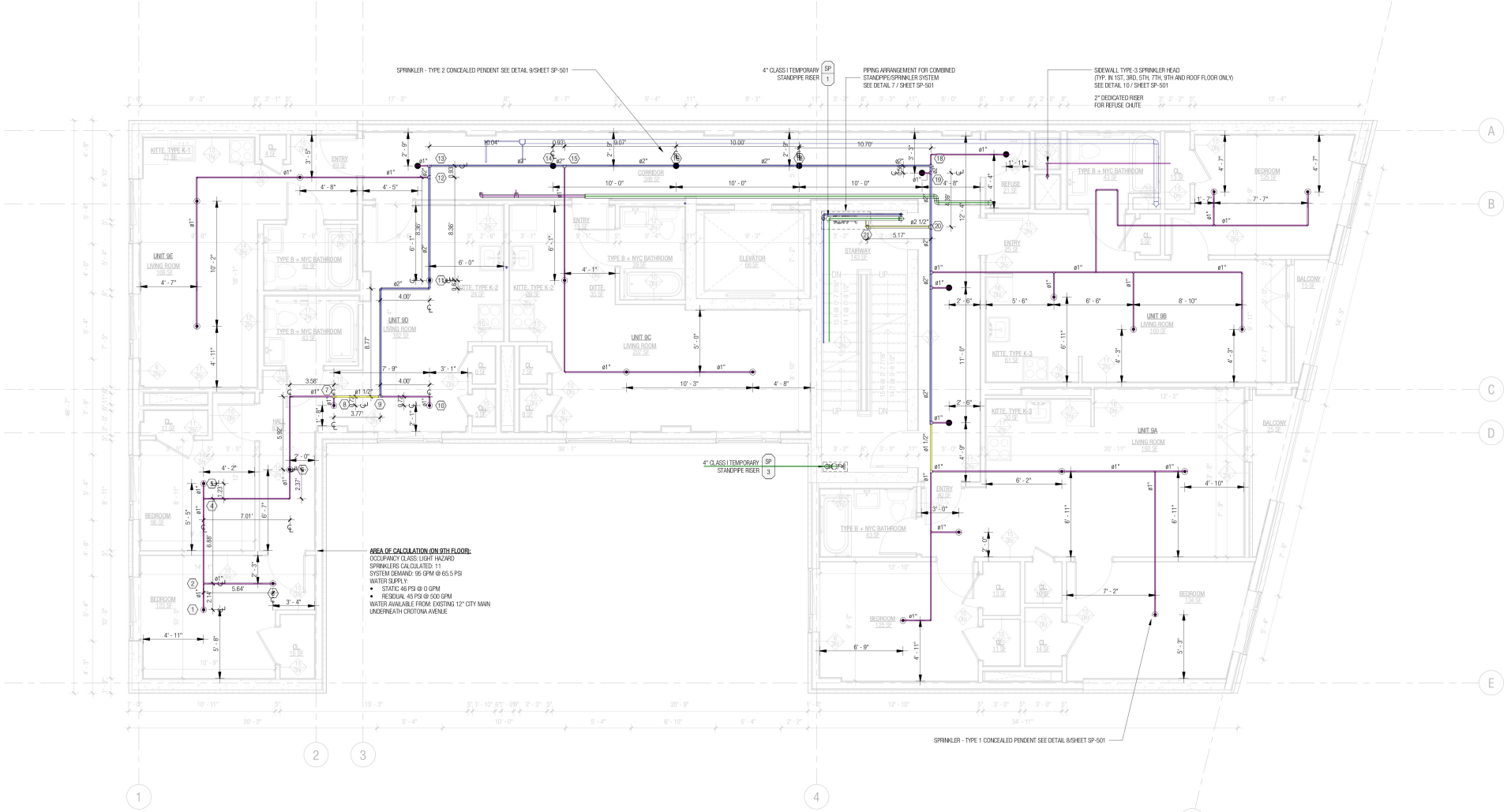
SPRINKLER SCHEDULE

Type Mark	Type	Count
1ST FLOOR		
	SPRINKLER - TYPE 1 CONCEALED PENDENT	18
	SPRINKLER - TYPE 2 CONCEALED PENDENT	33
	SPRINKLER - TYPE 3 SIDEWALL	1
2ND FLOOR		
	SPRINKLER - TYPE 1 CONCEALED PENDENT	26
	SPRINKLER - TYPE 2 CONCEALED PENDENT	22
3RD FLOOR		
	SPRINKLER - TYPE 1 CONCEALED PENDENT	23
	SPRINKLER - TYPE 2 CONCEALED PENDENT	8
	SPRINKLER - TYPE 3 SIDEWALL	1
4TH FLOOR		
	SPRINKLER - TYPE 1 CONCEALED PENDENT	23
	SPRINKLER - TYPE 2 CONCEALED PENDENT	8
5TH FLOOR		
	SPRINKLER - TYPE 1 CONCEALED PENDENT	23
	SPRINKLER - TYPE 2 CONCEALED PENDENT	8
	SPRINKLER - TYPE 3 SIDEWALL	1

SPRINKLER SCHEDULE

Type Mark	Type	Count
6TH FLOOR		
	SPRINKLER - TYPE 1 CONCEALED PENDENT	23
	SPRINKLER - TYPE 2 CONCEALED PENDENT	8
7TH FLOOR		
	SPRINKLER - TYPE 1 CONCEALED PENDENT	23
	SPRINKLER - TYPE 2 CONCEALED PENDENT	8
	SPRINKLER - TYPE 3 SIDEWALL	1
8TH FLOOR		
	SPRINKLER - TYPE 1 CONCEALED PENDENT	23
	SPRINKLER - TYPE 2 CONCEALED PENDENT	8
9TH FLOOR		
	SPRINKLER - TYPE 1 CONCEALED PENDENT	23
	SPRINKLER - TYPE 2 CONCEALED PENDENT	8
	SPRINKLER - TYPE 3 SIDEWALL	1
ROOF		
	SPRINKLER - TYPE 2 CONCEALED PENDENT	11
Grand total		332

1" Dia Ductile Iron Sprinkler Pipe	256.2 FT
1-1/2" Dia Ductile Iron Sprinkler Pipe	7.5 FT
2" Dia Ductile Iron Sprinkler Pipe	101.3 FT
4" Dia Galvanized Steel SCH:40 Sprinkler Pipe	60.4 FT
2-1/2" Dia Black Steel SCH:40 Sprinkler Pipe	5.8 FT



1 9TH FLOOR - SPRINKLER PROTECTION PLAN
1/4" = 1'-0"

ADDRESS:
2259 CROTONA AVENUE, BRONX, NY 10457

BLOCK: 3101
LOT: 16
BIN: 2803616

OWNER:
2259 CROTONA REALTY LLC

KEY PLAN:



ISSUE / REVISION:

#	DATE	DESCRIPTION
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DOB SEAL:

DRAWING TITLE:
SPRINKLER PROTECTION PLANS

APPLICANT:
Grid
Drafting and Consulting LLC
1738 Hone Avenue, Bronx
New York, NY 10461
(929) 529-8215 / info@grid-nyc.com

REGISTERED DESIGN PROFESSIONAL:
John N. Backos R.A.

PROFESSIONAL SEAL:

PROJECT NO. 24-02
PROJECT DATE: 01/27/25
SCALE: 1/4" = 1'-0"

DRAWING# REVISION#
SP-105 .00

PAGE 06 OF 10

APPLICATION NUMBER:
X01047537-S4

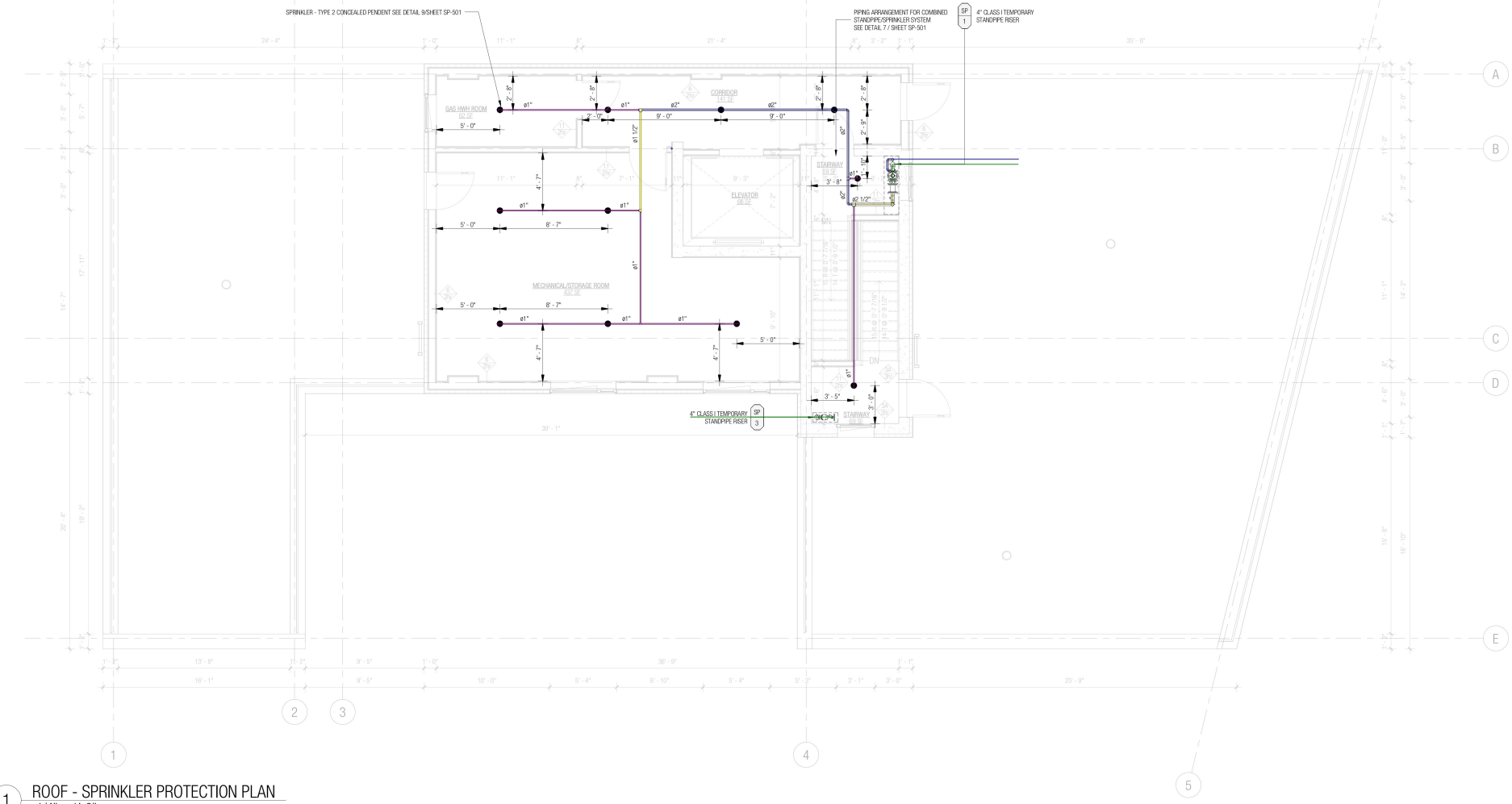
SPRINKLER SCHEDULE

Type Mark	Type	Count
1ST FLOOR		
	SPRINKLER - TYPE 1 CONCEALED PENDENT	18
	SPRINKLER - TYPE 2 CONCEALED PENDENT	33
	SPRINKLER - TYPE 3 SIDEWALL	1
2ND FLOOR		
	SPRINKLER - TYPE 1 CONCEALED PENDENT	26
	SPRINKLER - TYPE 2 CONCEALED PENDENT	22
3RD FLOOR		
	SPRINKLER - TYPE 1 CONCEALED PENDENT	23
	SPRINKLER - TYPE 2 CONCEALED PENDENT	8
	SPRINKLER - TYPE 3 SIDEWALL	1
4TH FLOOR		
	SPRINKLER - TYPE 1 CONCEALED PENDENT	23
	SPRINKLER - TYPE 2 CONCEALED PENDENT	8
5TH FLOOR		
	SPRINKLER - TYPE 1 CONCEALED PENDENT	23
	SPRINKLER - TYPE 2 CONCEALED PENDENT	8
	SPRINKLER - TYPE 3 SIDEWALL	1

SPRINKLER SCHEDULE

Type Mark	Type	Count
6TH FLOOR		
	SPRINKLER - TYPE 1 CONCEALED PENDENT	23
	SPRINKLER - TYPE 2 CONCEALED PENDENT	8
7TH FLOOR		
	SPRINKLER - TYPE 1 CONCEALED PENDENT	23
	SPRINKLER - TYPE 2 CONCEALED PENDENT	8
	SPRINKLER - TYPE 3 SIDEWALL	1
8TH FLOOR		
	SPRINKLER - TYPE 1 CONCEALED PENDENT	23
	SPRINKLER - TYPE 2 CONCEALED PENDENT	8
9TH FLOOR		
	SPRINKLER - TYPE 1 CONCEALED PENDENT	23
	SPRINKLER - TYPE 2 CONCEALED PENDENT	8
	SPRINKLER - TYPE 3 SIDEWALL	1
ROOF		
	SPRINKLER - TYPE 2 CONCEALED PENDENT	11
Grand total		332

1" Dia Ductile Iron Sprinkler Pipe	66.0 FT
1-1/2" Dia Ductile Iron Sprinkler Pipe	8.2 FT
2" Dia Ductile Iron Sprinkler Pipe	35.8 FT
2-1/2" Dia Black Steel SCH:40 Sprinkler Pipe	4.0 FT
4" Dia Galvanized Steel SCH:40 Sprinkler Pipe	23.0 FT



1 ROOF - SPRINKLER PROTECTION PLAN
1/4" = 1'-0"

ADDRESS:
2259 CROTONA AVENUE, BRONX, NY 10457

BLOCK: 3101
LOT: 16
BIN: 2803616

OWNER:
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REGISTERED DESIGN PROFESSIONAL:
John N. Backos R.A.

PROFESSIONAL SEAL:

PROJECT NO. 24-02
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SCALE: 1/4" = 1'-0"

DRAWING# REVISION#
SP-106 .00

PAGE 07 OF 10

APPLICATION NUMBER:
X01047537-S4

NYC Environmental Protection

Rohit Aggarwala
Commissioner

Anastasios Georgelis, P.E.
Deputy Commissioner

Bureau of Water and Sewer Operations

59-17 Junction Blvd.
Flushing, NY 11373

Tel. (718) 595-3088
PARIS@dep.nyc.gov

7/30/2024

GRID Drafting and Consulting LLC
Matej Perko
39 Chamberlain Ave
New Jersey, NJ 07407

To Whom It May Concern:

The hydrant flow test you requested in the vicinity of 2259 CROTONA AVENUE , Bronx was performed on 7/29/2024 at 2:00:00 PM with the following results:

The static pressure taken on a 12 inch water main which is fed from two direction on the west side of CROTONA AV 1st hydrant south of E 183 ST was 46 pounds per square inch. The residual pressure at this point was 45 pounds per square inch when 500 gallons of water per minute were flowing from the north side of GROTE ST 1st hydrant west of CROTONA AVE.

The theoretical minimum and maximum pressure at the static hydrant is 40.3 psi and 46.8 psi respectively. The equivalent gradients in NAVD88 datum are 180 feet and 195 feet.

This Department cannot guarantee that this pressure will be maintained in the future because a change may be needed in conformity with good engineering practices.

If you have any questions regarding engineering, and application status, please call (718) 595-7135.

Very truly yours,

Jose Cortes
Water Distribution Engineer
City Wide Hydraulic Testing Unit

File: FT2024-1186

PUMP SCHEDULE

MARK	DESCRIPTION	MANUFACTURER	MODEL	LOCATION	QTY	CAPACITY (GPM)	RATED PRESSURE (PSI)	MOTOR DATA HP	MOTOR DATA V/PH/HZ	REMARKS
SP-1			2P-1/2-4		1	50			120/1/60	SP-1
FP-1	FIRE PUMP	ARMSTRONG	VIL 2x1.5LA-F	SEE PLANS	1	100	40	5.5	208/3/60	ELECTRIC DRIVEN-VERTICAL INLINE PUMP.125 PSI SUCTION AND DISCHARGE FLANGES. CONCRETE PAD BY G.C. 6" HIGH & 6" BEYOND EQUIPMENT FOOTPRINT.
JP-1	JOCKEY PUMP	ARMSTRONG	4700 - VMS-01	SEE PLANS	1	12	60 (SUCTION PRESSURE)	1.5	120/1/60	VERTICAL SPLIT COUPLED MULTI-STAGE PUMP.CONCRETE PAD BY G.C. 6" HIGH & 6" BEYOND EQUIPMENT FOOTPRINT. MAGNETIC STARTER, MANUAL OPERATION SELECTOR SWITCH, FUSIBLE DISCONNECT SWITCH

PUMP CONTROLLER SCHEDULE

MARK	DESCRIPTION	MANUFACTURER	MODEL NO.	LOCATION	QTY	LINE VOLTAGE	DIMENSIONS (LxWxH)	REMARKS
FPCP	FIRE PUMP CONTROLLER	Eaton EPCT Fire	GPX	SEE PLANS	1	208/3/60	22 x 61.95 x 10.5	CONTROLLER CONCRETE PAD BY G.C. 6" HIGH & 6" BEYOND EQUIPMENT FOOTPRINT.IF THIS PUMP CIS NOT AVALIABLE CONTRACTOR SHOULD USE ANOTHER ONE WITH EQUAL SPECIFICATION.
JPCP	JOCKEY PUMP CONTROLLER	THE JOCKEY TOUCH	JP1	SEE PLANS	1	208/3/60	8 x 13 x 10.25	WALL MOUNTED. MAGNETIC STARTER, MANUAL OPERATION SELECTOR SWITCH, FUSIBLE DISCONNECT SWITCH AND PRESSURE REGULATOR. CONTROLLER SHALL BE PRESSURE ACTIVATED, AND ACROSS-THE-LINE TYPE. IF THIS JOCKEY PUMP CONTROLLER IS NOT AVALIABLE CONTRACTOR SHOULD USE ANOTHER ONE WITH EQUAL SPECIFICATION.

SPRINKLER PIPE SCHEDULE

NUMBER OF SPRINKLER HEADS	PIPE SIZE
1-2	1"
3	1 1/4"
4-5	1 1/2"
6-10	2"
11-30	2 1/2"
31-60	3"
61-100	4"

PIPE MATERIAL SCHEDULE

ALL MATERIALS SELECTED ON THIS SCHEDULE MUST BE APPROVED BY THE LOCAL AUTHORITIES	DUCTILE IRON	STEEL SCH. 10	STEEL SCH. 30	STEEL SCH. 40	STEEL SCH. 80	BLACK	GALVANIZED
SYSTEM							
TO BE USED ON UNDERGROUND FIRE SERVICE	●						
TO BE USED ON FEEDMAIN, RISERS AND CROSSMAINS				●		●	
TO BE USED ON BRANCHES				●		●	
TO BE USED ON DRY SYSTEM				●			●

HANGER SCHEDULE

MAXIMUM DISTANCE BETWEEN HANGERS (FT. - IN.)

	NOMINAL PIPE SIZE (IN.)										
	1 "	1 1/4"	1 1/2"	2"	2 1/2"	3"	3 1/2"	4"	5"	6"	8"
STEEL PIPE EXCEPT THREADED LIGHTWALL	12-0	12-0	15-0	15-0	15-0	15-0	15-0	15-0	15-0	15-0	15-0
THREADED LIGHTWALL STEEL PIEP	12-0	12-0	12-0	12-0	12-0	12-0	N/A	N/A	N/A	N/A	N/A
COPPER TUBE	8-0	10-0	10-0	12-0	12-0	12-0	15-0	15-0	15-0	15-0	15-0

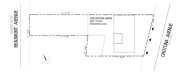
- FP-1: Fire Pump — 1.0 EA
- JP-1: Jockey Pump — 1.0 EA
- SP-1: — 1.0 EA
- Fire Pump Controller — 1.0 EA
- Jockey Pump Controller — 1.0 EA
- 2" Dia Ductile Iron Sprinkler Pipe — 0.0 FT

ADDRESS:
2259 CROTONA AVENUE, BRONX, NY 10457

BLOCK: 3101
LOT: 16
BIN: 2803616

OWNER:
2259 CROTONA REALTY LLC

KEY PLAN:



ISSUE / REVISION:

#	DATE	DESCRIPTION
.00	07/09/2024	FILING

DOB SEAL:

DRAWING TITLE:
HYDRANT FLOW TEST AND SP SYSTEM SCHEDULES

APPLICANT:
GRID Drafting and Consulting LLC

39 Chamberlain Avenue
Elmwood Park, NJ 07407
(929) 529-8215 / info@grid-nyc.com

REGISTERED DESIGN PROFESSIONAL:
John Backos R.A.

PROFESSIONAL SEAL:



PROJECT NO. 24-02
PROJECT DATE: 01/27/25
SCALE: 1/4" = 1'-0"

DRAWING# REVISION#
SP-502 .00

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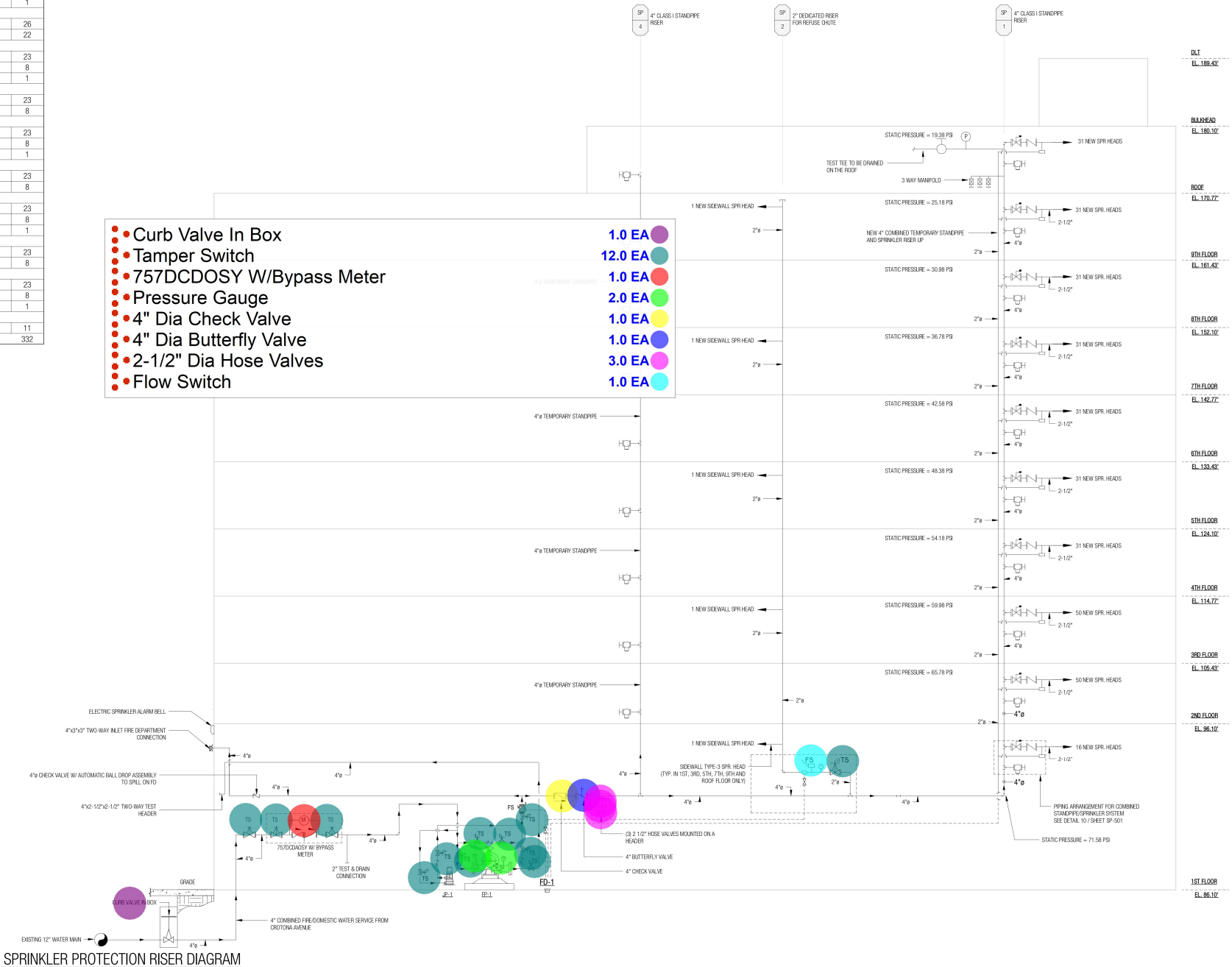
APPLICATION NUMBER:
X01047537-S4

SPRINKLER SCHEDULE

Type Mark	Type	Count
1ST FLOOR		
	SPRINKLER - TYPE 1 CONCEALED PENDENT	18
	SPRINKLER - TYPE 2 CONCEALED PENDENT	33
	SPRINKLER - TYPE 3 SIDEWALL	1
2ND FLOOR		
	SPRINKLER - TYPE 1 CONCEALED PENDENT	26
	SPRINKLER - TYPE 2 CONCEALED PENDENT	22
3RD FLOOR		
	SPRINKLER - TYPE 1 CONCEALED PENDENT	23
	SPRINKLER - TYPE 2 CONCEALED PENDENT	8
	SPRINKLER - TYPE 3 SIDEWALL	1
4TH FLOOR		
	SPRINKLER - TYPE 1 CONCEALED PENDENT	23
	SPRINKLER - TYPE 2 CONCEALED PENDENT	8
5TH FLOOR		
	SPRINKLER - TYPE 1 CONCEALED PENDENT	23
	SPRINKLER - TYPE 2 CONCEALED PENDENT	8
	SPRINKLER - TYPE 3 SIDEWALL	1
6TH FLOOR		
	SPRINKLER - TYPE 1 CONCEALED PENDENT	23
	SPRINKLER - TYPE 2 CONCEALED PENDENT	8
7TH FLOOR		
	SPRINKLER - TYPE 1 CONCEALED PENDENT	23
	SPRINKLER - TYPE 2 CONCEALED PENDENT	8
	SPRINKLER - TYPE 3 SIDEWALL	1
8TH FLOOR		
	SPRINKLER - TYPE 1 CONCEALED PENDENT	23
	SPRINKLER - TYPE 2 CONCEALED PENDENT	8
9TH FLOOR		
	SPRINKLER - TYPE 1 CONCEALED PENDENT	23
	SPRINKLER - TYPE 2 CONCEALED PENDENT	8
	SPRINKLER - TYPE 3 SIDEWALL	1
ROOF		
	SPRINKLER - TYPE 2 CONCEALED PENDENT	11
Grand total		332

Curb Valve In Box	1.0 EA
Tamper Switch	12.0 EA
757DCDOSY W/Bypass Meter	1.0 EA
Pressure Gauge	2.0 EA
4" Dia Check Valve	1.0 EA
4" Dia Butterfly Valve	1.0 EA
2-1/2" Dia Hose Valves	3.0 EA
Flow Switch	1.0 EA



1 SPRINKLER PROTECTION RISER DIAGRAM
1/4" = 1'-0"

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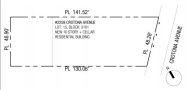
KEY PLAN:



ISSUE / REVISION:

#	DATE	DESCRIPTION
.00	07/09/2024	FILING

DOB SEAL:

DRAWING TITLE:

TEMPORARY STANDPIPE RISER PIPE

APPLICANT:

Grid

Drafting and Consulting LLC
1738 Hone Avenue, Bronx
New York, NY 10461
(929) 529-8215 / info@grid-nyc.com

REGISTERED DESIGN PROFESSIONAL:
John N. Backos R.A.

PROFESSIONAL SEAL:

1ST FLOOR

PROJECT NO. 24-02
PROJECT DATE: 01/27/25
SCALE: 1/4" = 1'-0"

DRAWING# REVISION#

SP-601 .00

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APPLICATION NUMBER:

X01047537-S4