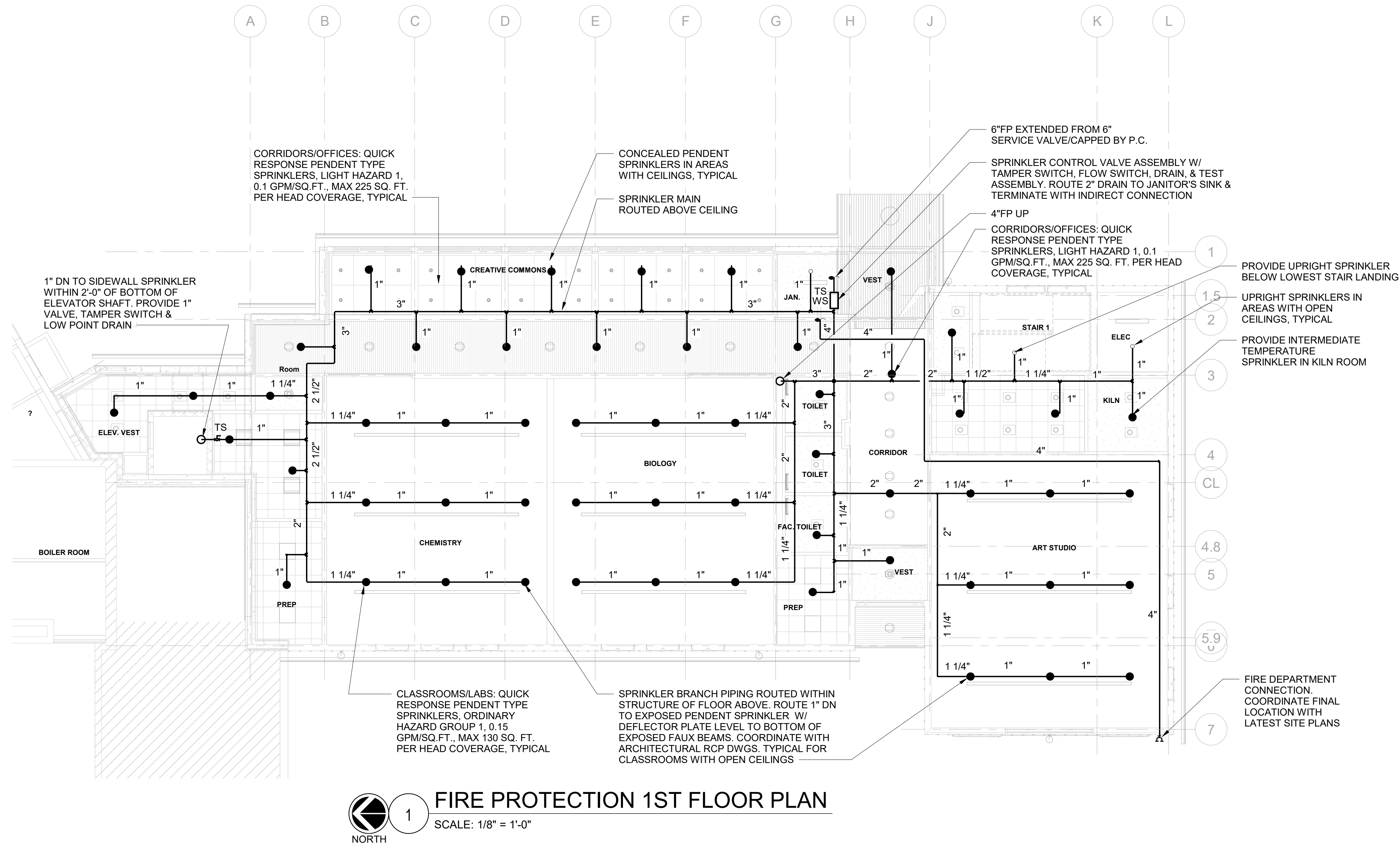


ISSUED FOR CONSTRUCTION



KEY PLAN

NOTE: ALL IDEAS, DESIGNS, ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF KAEPER, GARMENT & DAVIDSON ARCHITECTS, PC (KGAD) AND WERE CREATED FOR USE ON THIS PROJECT. NONE OF SUCH IDEAS, DESIGNS, ARRANGEMENTS OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN PERMISSION OF KGAD.

WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. SHOP DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL, BEFORE PROCEEDING WITH FABRICATION.

ALTERATIONS BY ANY PERSON, IN ANY WAY, OF ANY ITEM CONTAINED ON THIS DOCUMENT, UNLESS ACTING UNDER THE DIRECTION OF THE LICENCED ARCHITECT WHOSE PROFESSIONAL SEAL IS AFFIXED HERETO IS A VIOLATION OF TITLE VII, SECT. 49-5.03 OF NEW YORK STATE LAW.
COPYRIGHT KAEPER, GARMENT & DAVIDSON ARCHITECTS & ENGINEERS, PC. ALL RIGHTS RESERVED.

Professional Seal

6	08/12/2021	Issued for Construction
5	06/25/2021	Issued for Permit
4	02/24/2021	Issued for Bid
3	02/10/2021	Issued for Review
2	05/14/2020	90% Construction Documents
1	02/21/2020	Design Development

No.	Date	Issue
-----	------	-------

Sheet Title

FIRE PROTECTION 1ST FLOOR
PLAN

Job No.	NKGD0214.00	Date	02/24/2021
Scale	AS NOTED	Drawn / Checked	Author / Checker

Sheet Number

FP201

KEY PLAN

NOTE: ALL IDEAS, DESIGNS, ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF KAEYER, GARMENT & DAVIDSON ARCHITECTS, PC (KGAD) AND WERE CREATED FOR USE ON THIS PROJECT. NONE OF SUCH IDEAS, DESIGNS, ARRANGEMENTS OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN PERMISSION OF KGAD.

WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. SHOP DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

ALTERATIONS BY ANY PERSON, IN ANY WAY, OF ANY ITEM CONTAINED ON THIS DOCUMENT, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT UNLESS PROFESSIONAL SEAL IS AFFIXED HERETO IS A VIOLATION OF TITLE VII, SECT. 49.5 (b) OF NEW YORK STATE LAW.
COPYRIGHT KAEYER, GARMENT & DAVIDSON ARCHITECTS & ENGINEERS, PC. ALL RIGHTS RESERVED.

Professional Seal

6	08/12/2021	Issued for Construction
5	06/25/2021	Issued for Permit
4	02/24/2021	Issued for Bid
3	02/10/2021	Issued for Review
2	05/14/2020	90% Construction Documents
1	02/21/2020	Design Development

No. Date Issue

Sheet Title

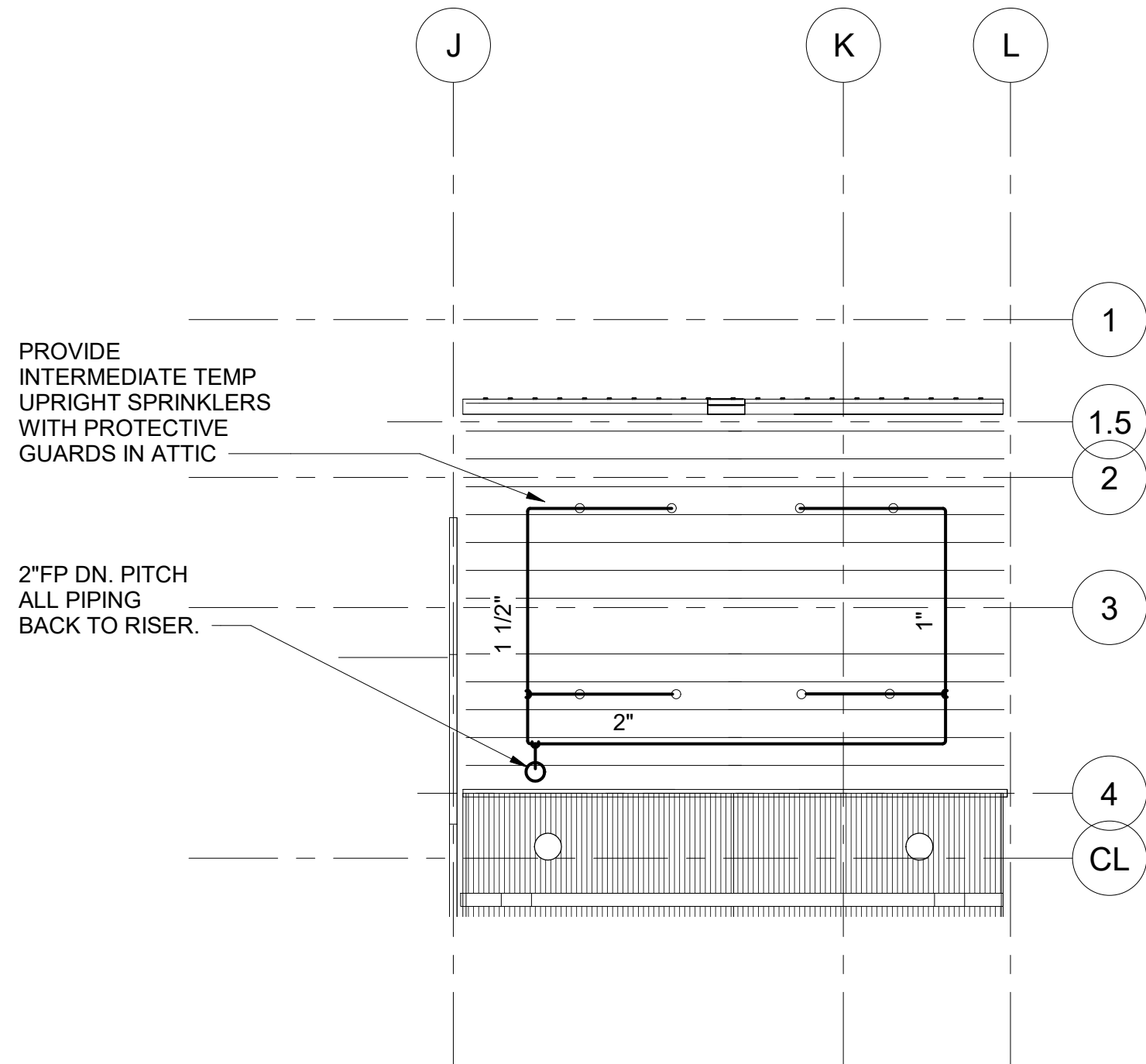
FIRE PROTECTION 2ND FLOOR &
ATTIC PLANS - BASE BID

Job No. NKG00214.00 Date 02/24/2021

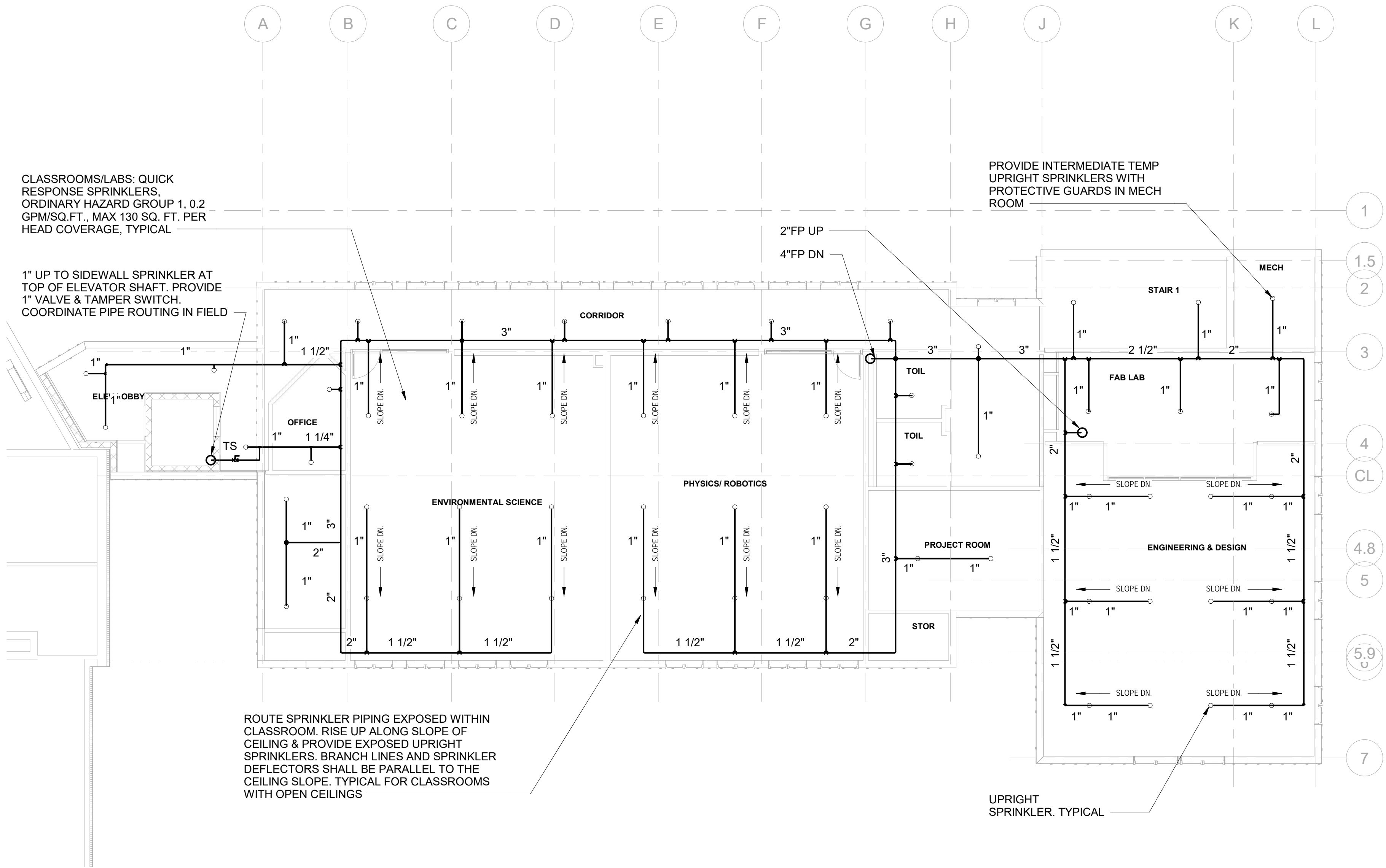
Scale AS NOTED Drawn / Checked Author Checker

Sheet Number

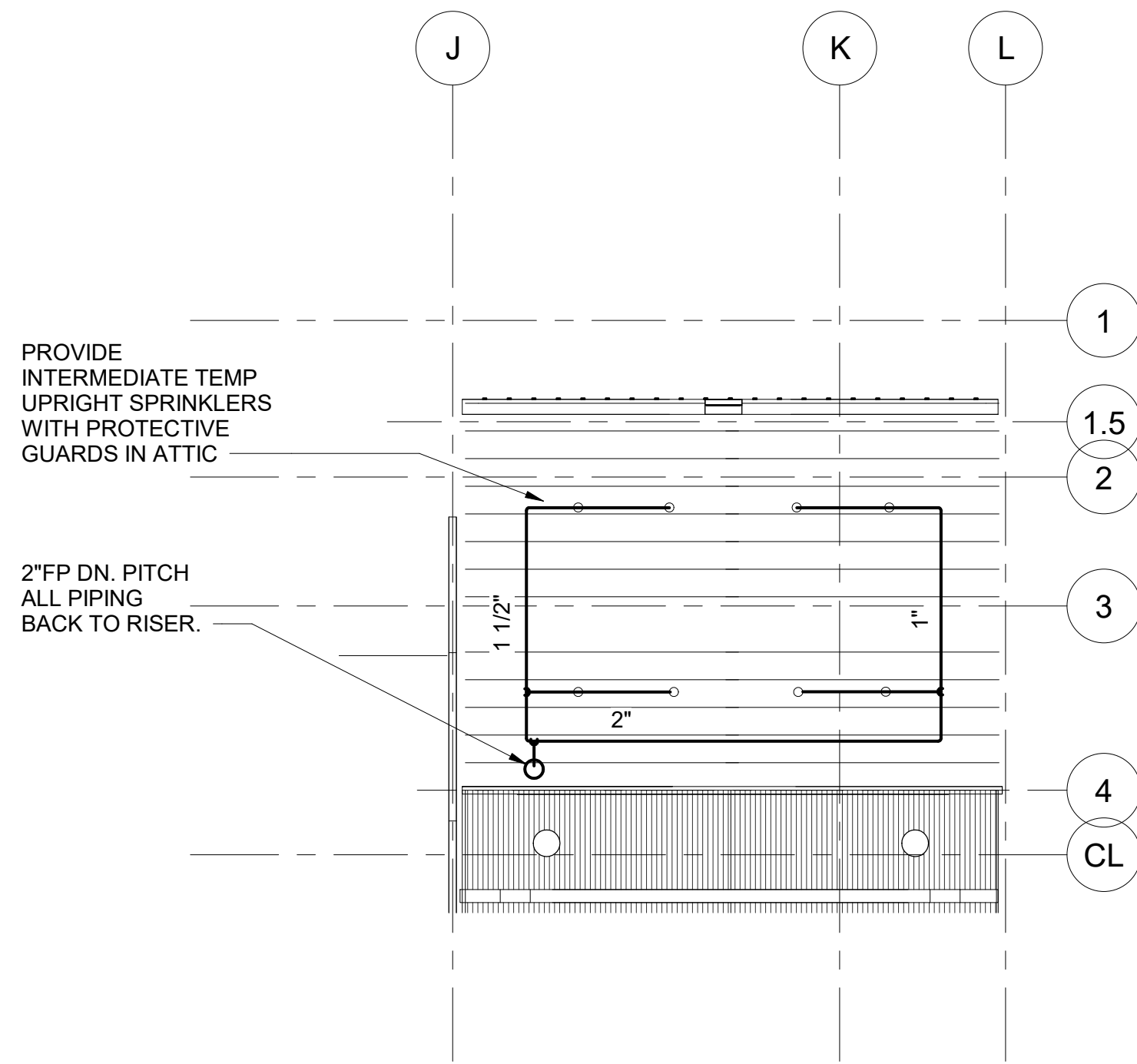
FP202A



2 FIRE PROTECTION ATTIC PLAN A
SCALE: 1/8" = 1'-0"

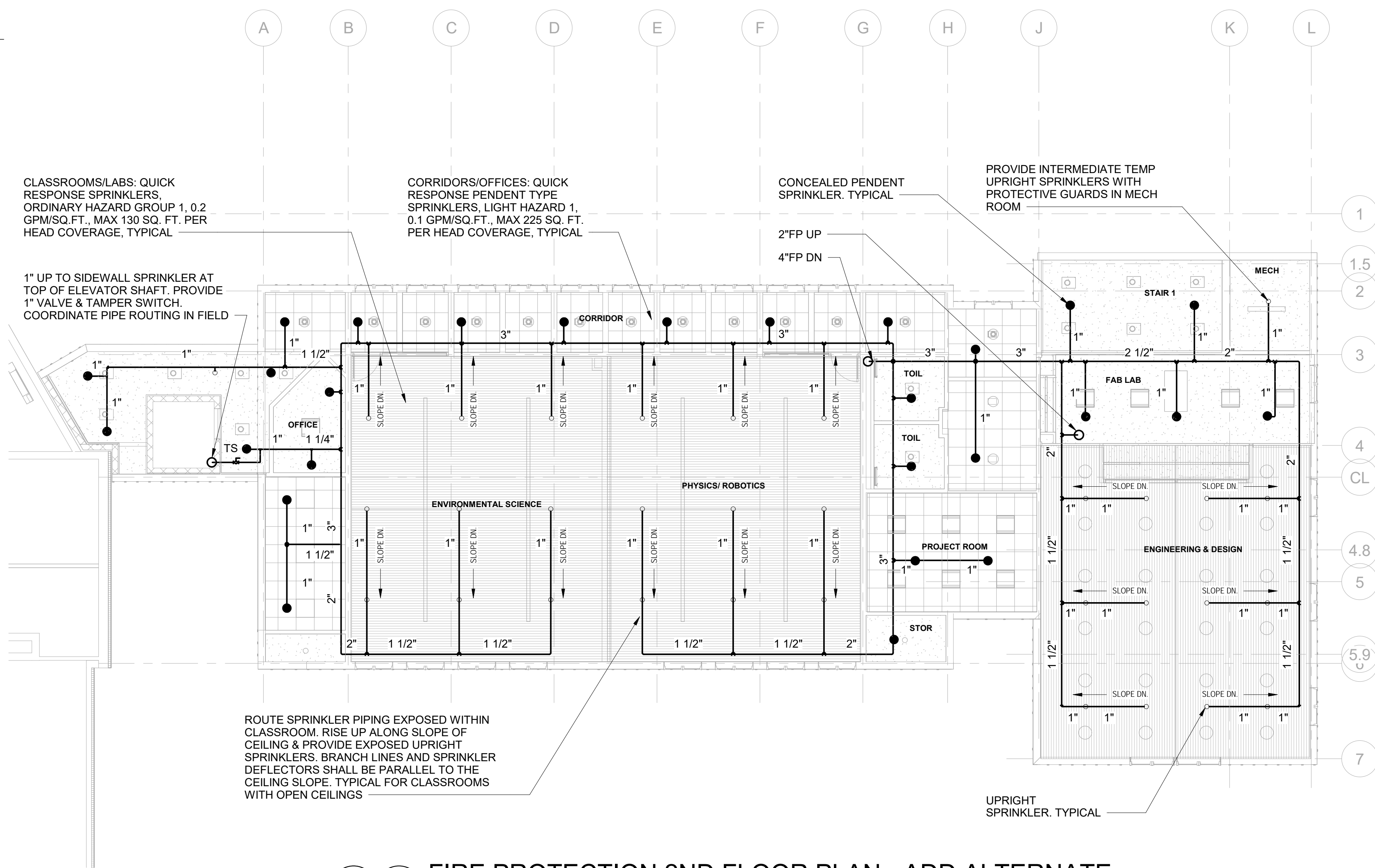


1 FIRE PROTECTION 2ND FLOOR PLAN BASE BID
SCALE: 1/8" = 1'-0"



FIRE PROTECTION ATTIC PLAN B

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



FIRE PROTECTION 2ND FLOOR PLAN - ADD ALTERNATE

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

**STREAM Center for
Experiential
Learning**
SCHOOL OF THE HOLY
CHILD
2225 WESTCHESTER AVE,
RYE, NY

KG+D listen
imagine
build
KG+D . ARCHITECTS PC
285 MAIN STREET MOUNT KISCO . NEW YORK . 10549
P:914.666.5900 KGDARCHITECTS.COM



OLA Consulting Engineers
50 Broadway,
Hawthorne, NY 10532
914.747.2800

8 West 38th Street,
Suite 501
New York, NY 10018
646.849.4110

olace.com

ISSUED FOR CONSTRUCTION

KEY PLAN

NOTE: ALL IDEAS, DESIGNS, ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF KAEPER, GARMENT & DAVIDSON ARCHITECTS, PC (KGAD) AND WERE CREATED FOR USE ON THIS PROJECT. NONE OF SUCH IDEAS, DESIGNS, ARRANGEMENTS OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN PERMISSION OF KGAD.

WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. SHOP DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

ALTERATIONS BY ANY PERSON, IN ANY WAY, OF ANY ITEM CONTAINED ON THIS DOCUMENT, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT, UNLESS PROFESSIONAL SEAL IS AFFIXED HERETO, IS A VIOLATION OF TITLE VII, SECT. 49.5 (b) OF NEW YORK STATE LAW.
COPYRIGHT KAEPER, GARMENT & DAVIDSON ARCHITECTS & ENGINEERS, PC. ALL RIGHTS RESERVED.

Professional Seal

6	08/12/2021	Issued for Construction
5	06/25/2021	Issued for Permit
4	02/24/2021	Issued for Bid
3	02/10/2021	Issued for Review
2	05/14/2020	90% Construction Documents
1	02/21/2020	Design Development

No. Date Issue

Sheet Title

FIRE PROTECTION 2ND FLOOR &
ATTIC PLANS - ADD ALTERNATE

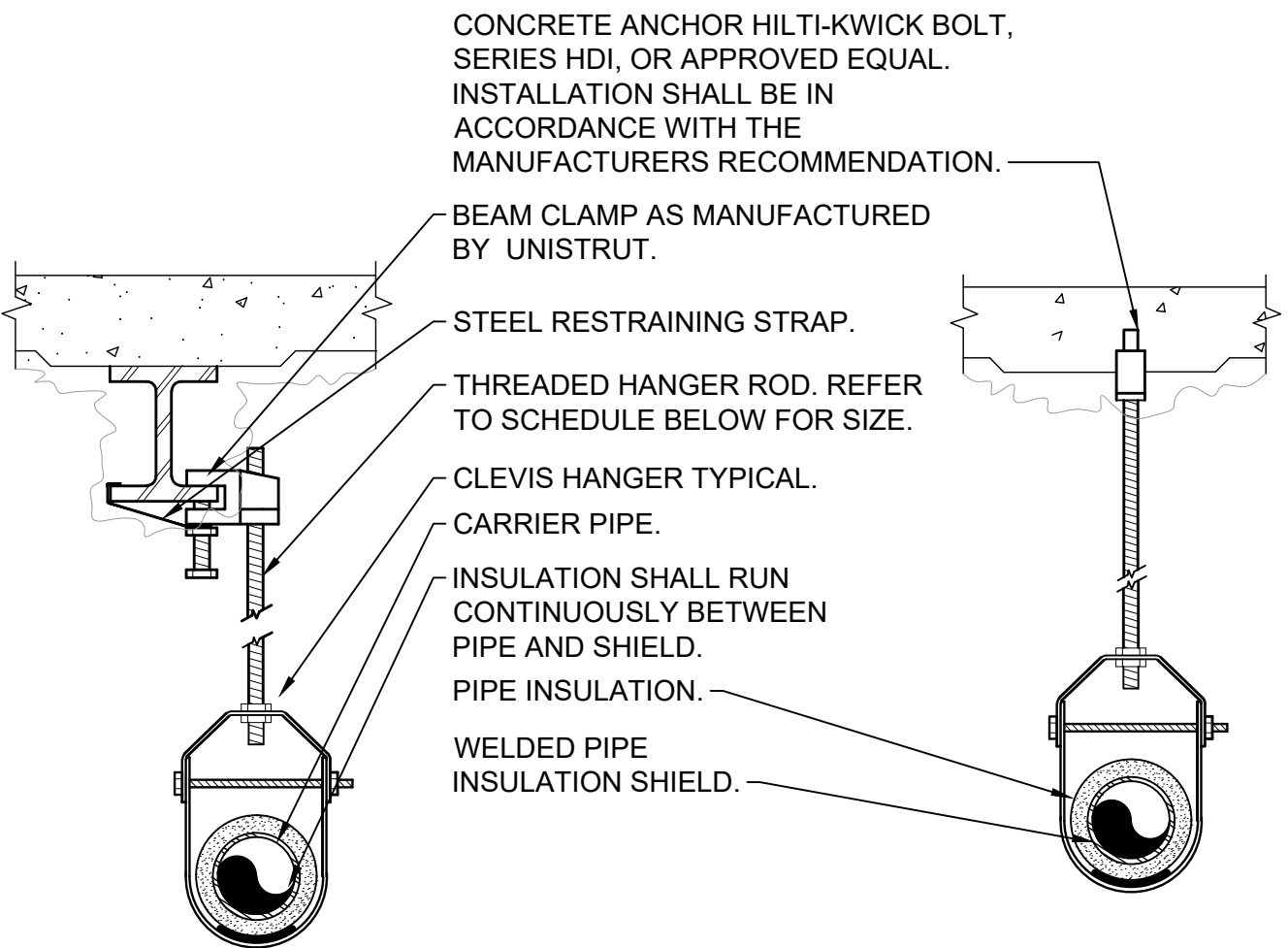
Job No. NKG00214.00 Date 02/24/2021

Scale AS NOTED Drawn / Checked TV / RG

Sheet Number

FP202B

SPRINKLER HEAD SCHEDULE										
SYM.	TYPE	LOCATION	FINISH	MANUF.	MODEL	HEAD TEMP.	MAX. CEILING TEMP.	ORIFICE	K-FACTOR	MEA#
⊙	CONCEALED	FINISHED AREAS PER PLANS	COVER PLATE COLOR PER ARCHITECT	RELIABLE	G5-56	165°F	100°F	½"	5.6	258-93-E
○	UPRIGHT	EXPOSED AREAS PER PLANS	CHROME PLATED	RELIABLE	F1FR	165°F	100°F	½"	5.6	258-93-E
○	UPRIGHT	MECHANICAL ROOMS	NATURAL BRONZE	RELIABLE	GFR	212°F	150°F	½"	5.6	258-93-E
RESIDENTIAL SPRINKLER HEADS WITHIN DWELLING UNITS:										
NOTES:										
1. SPRINKLER HEADS SHALL BE INSTALLED AS PER MANUFACTURER'S RECOMMENDATIONS										
2. PROVIDE METAL WIRE GUARDS WHERE SPRINKLERS ARE SUBJECT TO DAMAGE, SUCH AS SPRINKLER HEADS LOCATED UNDER MECHANICAL DUCTS IN MECHANICAL EQUIPMENT ROOMS WHEN LOCATED LOWER THAN 7'-0" AFF AND HEADS IN TRASH CHUTE.										
3. ALL SPRINKLER HEADS THROUGHOUT THE PROJECT AREA SHALL BE OF THE ORDINARY TEMPERATURE RATING EXCEPT AS FOLLOWS:										
3.1. SPRINKLER HEADS LOCATED CLOSE TO HEATERS, HOT WATER PIPING OR LOW-PRESSURE BLOW-OFF VALVE SHALL BE OF THE TEMPERATURE RATING AS REQUIRED BY NFPA-13.										
3.2. ALL HEAT GENERATING EQUIPMENT WHICH CAN AFFECT THE TEMPERATURE RATING OF THE SPRINKLER HEADS SHALL BE CLEARLY IDENTIFIED ON THE SHOP DRAWINGS PRIOR TO SUBMISSION FOR APPROVAL.										



PIPE HANGER SCHEDULE					
PIPE DIA.	3/4"-2"	2 1/2"-3"	4"-5"	6"	8"-12"
HANGER DIA.	3/8"	1/2"	5/8"	3/4"	7/8"

- NOTES:
- 1.) CLEVIS HANGERS WITH WELDED INSULATION SHIELDS ON ALL PIPES LARGER THAN 1".
 - 2.) FOR PIPES 1" OR SMALLER, A BAND HANGER WITH INSULATION SHIELD MAY BE USED.
 - 3.) FOR NON-INSULATED PIPE, INSULATION SHIELDS MAY BE OMITTED.
 - 4.) ALL PIPE HANGERS SHALL BE GALVANIZED STEEL OR FACTORY PAINTED BLACK WITH ENAMEL.
 - 5.) FOR NON FERROUS PIPING WITHOUT INSULATION, ALL HANGERS SHALL BE COPPER PLATED OR FURNISHED WITH A DI-ELECTRIC BETWEEN PIPE AND HANGERS.
 - 6.) WHERE EXISTING BUILDING STRUCTURAL COMPONENTS HAVE FIREPROOF MATERIAL, ANY AREA THAT IS DISTURBED OR DAMAGED AS A RESULT OF HANGER INSTALLATION SHALL BE PATCHED WITH UL AND FM APPROVED FIREPROOFING TO MATCH EXISTING.

HYDRAULIC SYSTEM

THIS BUILDING IS PROTECTED BY A HYDRAULICALLY DESIGNED AUTOMATIC SPRINKLER SYSTEM.

LOCATION

NO. OF SPRINKLERS

BASIS OF DESIGN

1-DENSITY GPM/SQ. FT.

2-DESIGNED AREA OF DISCHARGE SQ. FT.

SYSTEM DEMAND

1-GPM DISCHARGE GPM

2-RESIDUAL PRESSURE AT FIRE PUMP DISCHARGE P.S.I.

THIS VALVE CONTROLS

AUTOMATIC SPRINKLER

SYSTEM IN

AND MUST ALWAYS BE KEPT OPEN.

LOW POINT DRAIN

DRAIN VALVE

AUTO. SPRINKLER

FIRE DEPT. CONNECTION

FOR SPRK. SYST.

AUTO. SPRINKLER

INSPECTORS TEST

7 SPRINKLER HEAD SCHEDULE

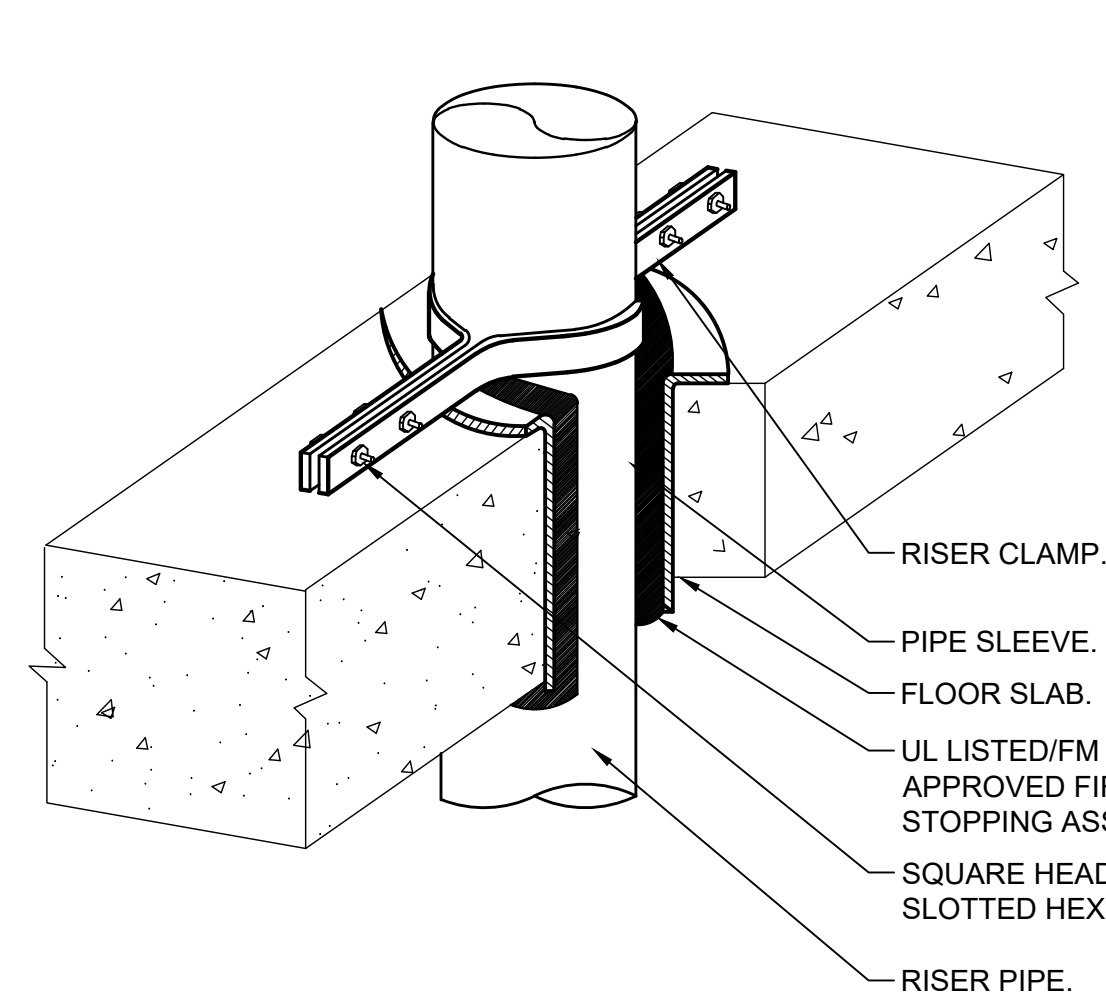
SCALE: NONE

4 PIPE HANGER DETAIL

SCALE: NONE

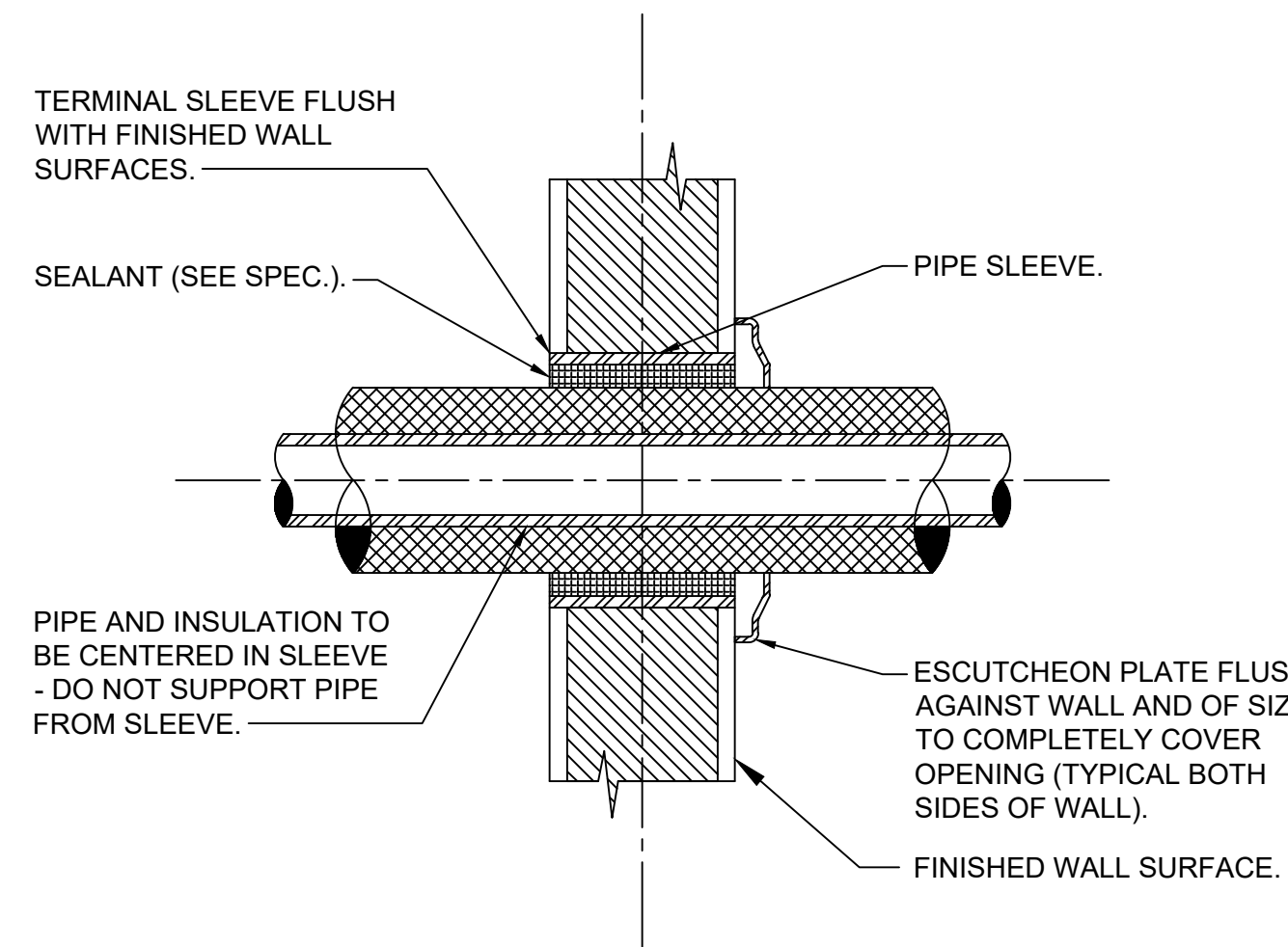
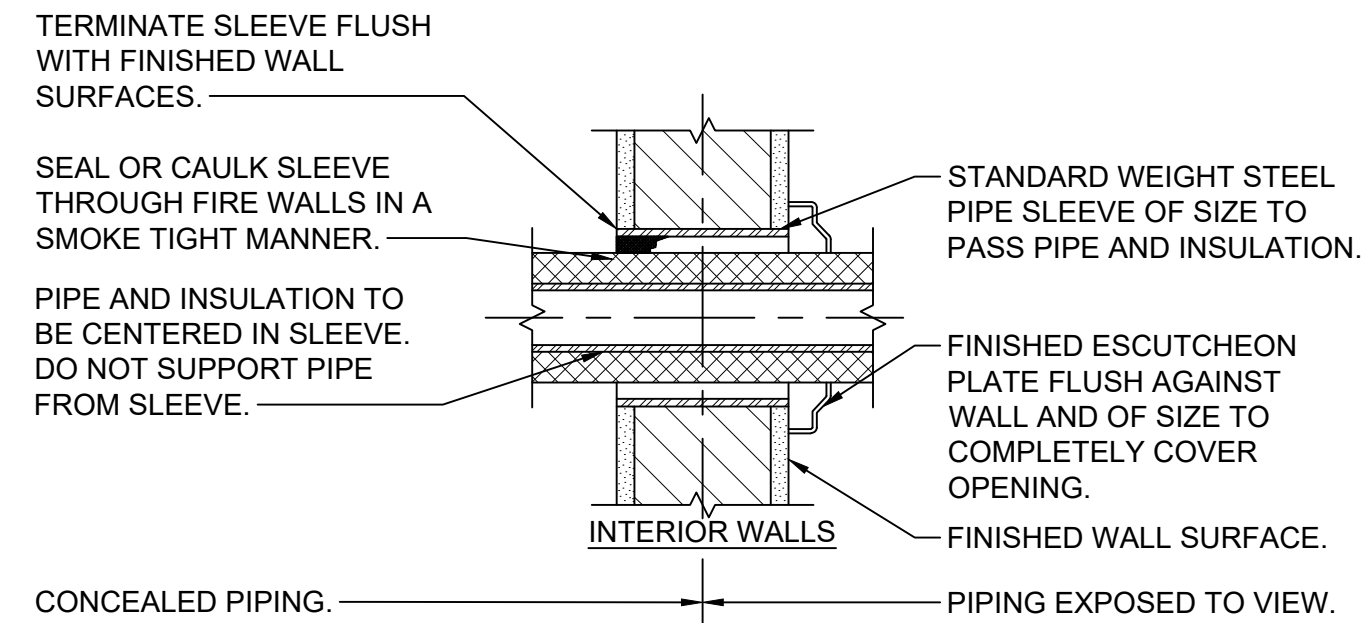
2 TYPICAL SIGNS

SCALE: NONE



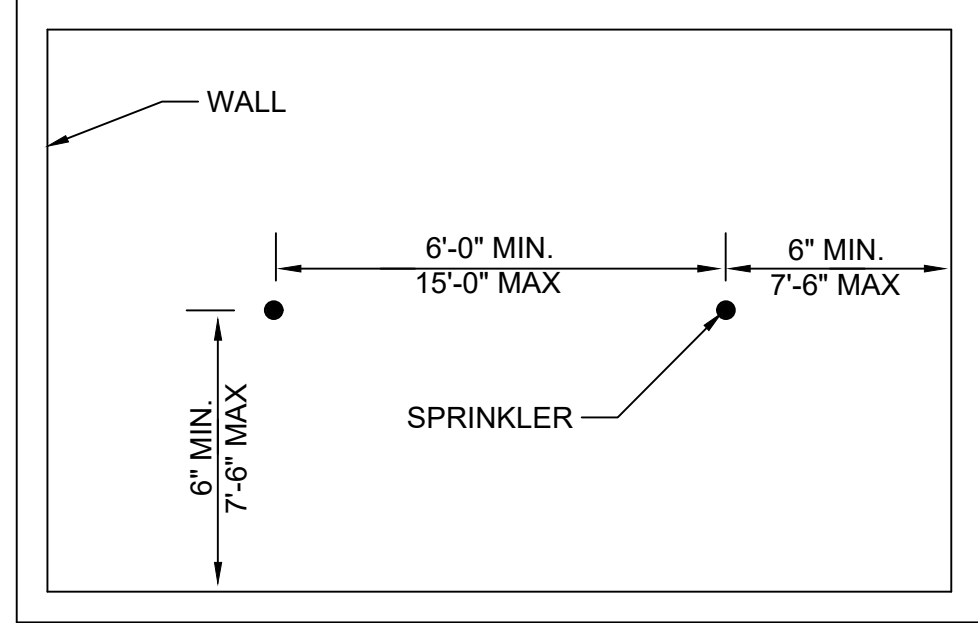
6 PIPE PENETRATION DETAIL

SCALE: NONE



5 PIPE WALL SLEEVE DETAIL

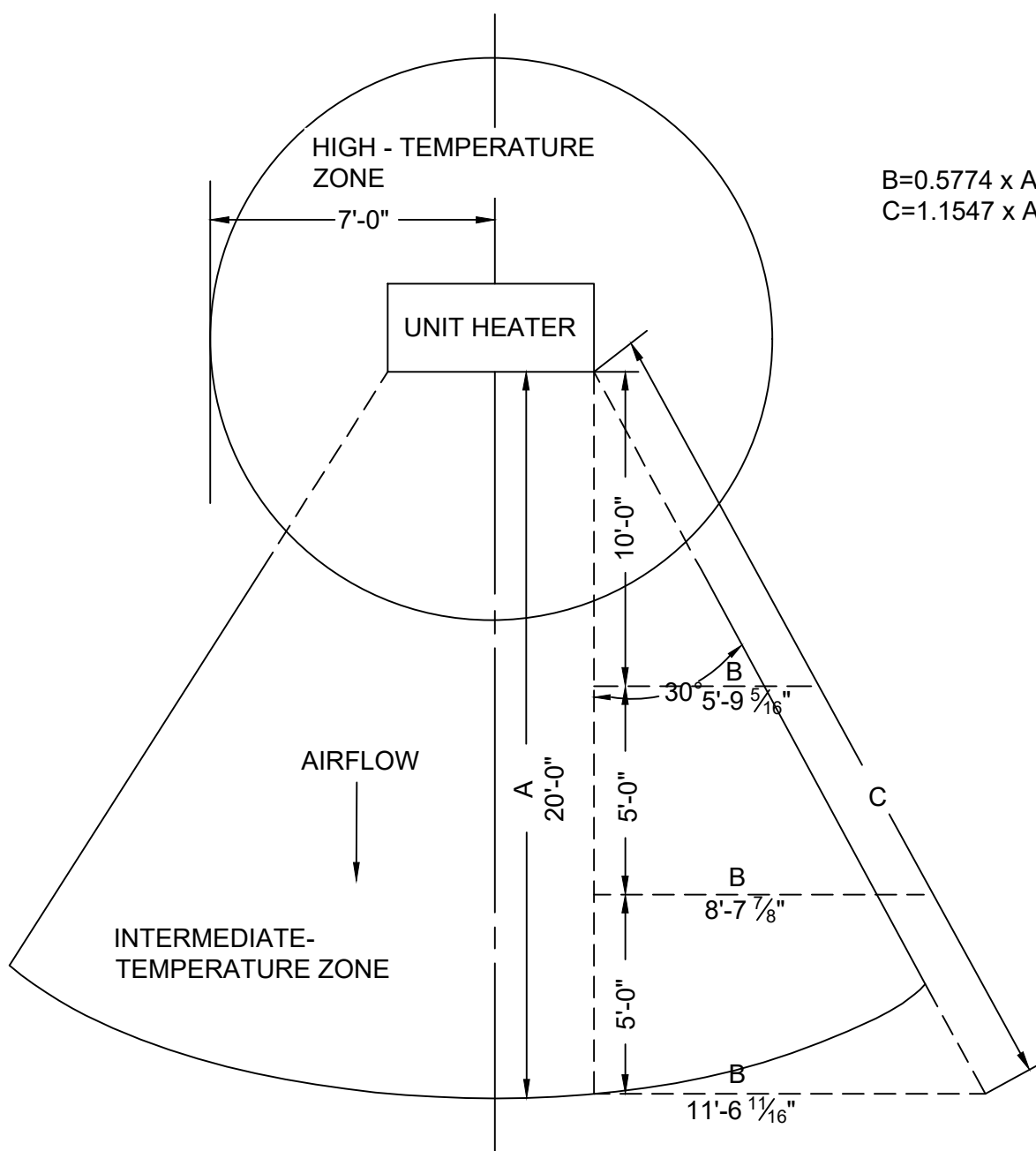
SCALE: NONE



	MAX AREA PER HEAD	DENSITY PER 1500 SQ. FT.
LIGHT HAZARD	225 SQ. FT.	0.10 GPM/SQ. FT.
ORDINARY HAZARD	130 SQ. FT.	0.16 GPM/SQ. FT.

3 SPRINKLER HEAD SPACING CRITERIA

SCALE: NONE



1 SPRINKLER TEMPERATURE ZONES AT UNIT HEATERS

SCALE: NONE

STREAM Center for Experiential Learning

SCHOOL OF THE HOLY CHILD

2225 WESTCHESTER AVE,
RYE, NY

KG+D listen imagine build

KG+D . ARCHITECTS PC

285 MAIN STREET MOUNT KISCO . NEW YORK . 10549

P:914.666.5900 KGDARCHITECTS.COM

OLA Consulting Engineers

50 Broadway,
Hawthorne, NY 10532
914.747.2800

8 West 38th Street,
Suite 501
New York, NY 10018
646.849.4110

olace.com

ISSUED FOR CONSTRUCTION

KEY PLAN

NOTE: ALL IDEAS, DESIGNS, ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF KARTER, GARMENT & DAVIDSON ARCHITECTS, PC (KG&D), AND WERE CREATED FOR USE ON THIS PROJECT. NONE OF SUCH IDEAS, DESIGNS, ARRANGEMENTS OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN PERMISSION OF (KG&D).

WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. SHOP DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

ALTERATIONS BY ANY PERSON, IN ANY WAY, OF ANY ITEM CONTAINED ON THIS DOCUMENT, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT WHOSE PROFESSIONAL SEAL IS AFFIXED HERETO, IS A VIOLATION OF TITLE 16, SECT. 60 (3) (b) OF NEW YORK STATE LAW. COPYRIGHT KARTER, GARMENT & DAVIDSON ARCHITECTS & ENGINEERS, PC. ALL RIGHTS RESERVED.

Professional Seal

No.	Date	Issue
7	08/12/2021	Issued for Construction
6	06/25/2021	Issued for Permit
5	02/24/2021	Issued for Bid
4	02/10/2021	Issued for Review
3	5/14/2020	90% Construction Documents
2	2/21/2020	Design Development
1	12/18/2019	Schematic Design

Sheet Title

FIRE PROTECTION DETAILS 1 OF 2

Job No. NKGD0214.00	Date 06/25/2021
Scale AS NOTED	Drawn / Checked

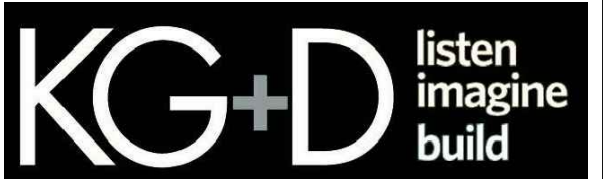
Sheet Number

FP701

STREAM Center for
Experiential
Learning

SCHOOL OF THE HOLY
CHILD

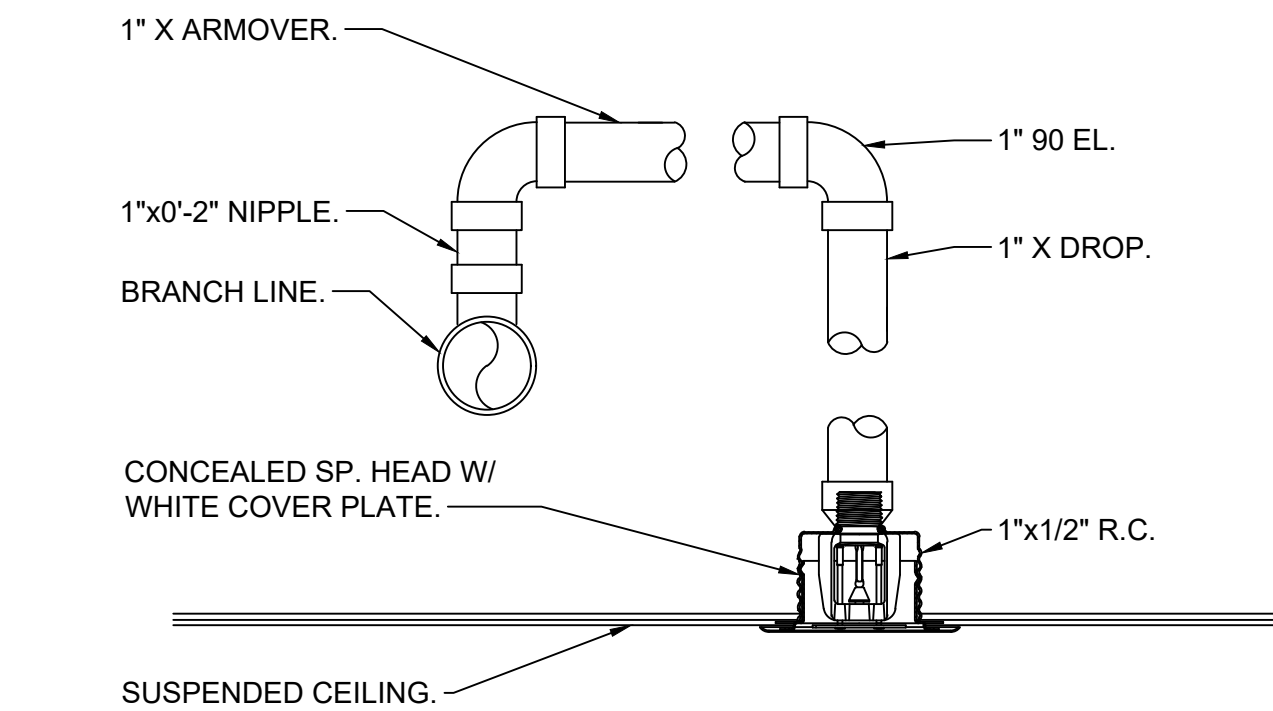
2225 WESTCHESTER AVE,
RYE, NY



KG+D . ARCHITECTS PC
285 MAIN STREET MOUNT KISCO . NEW YORK . 10549
P:914.666.5900 KGDARCHITECTS.COM

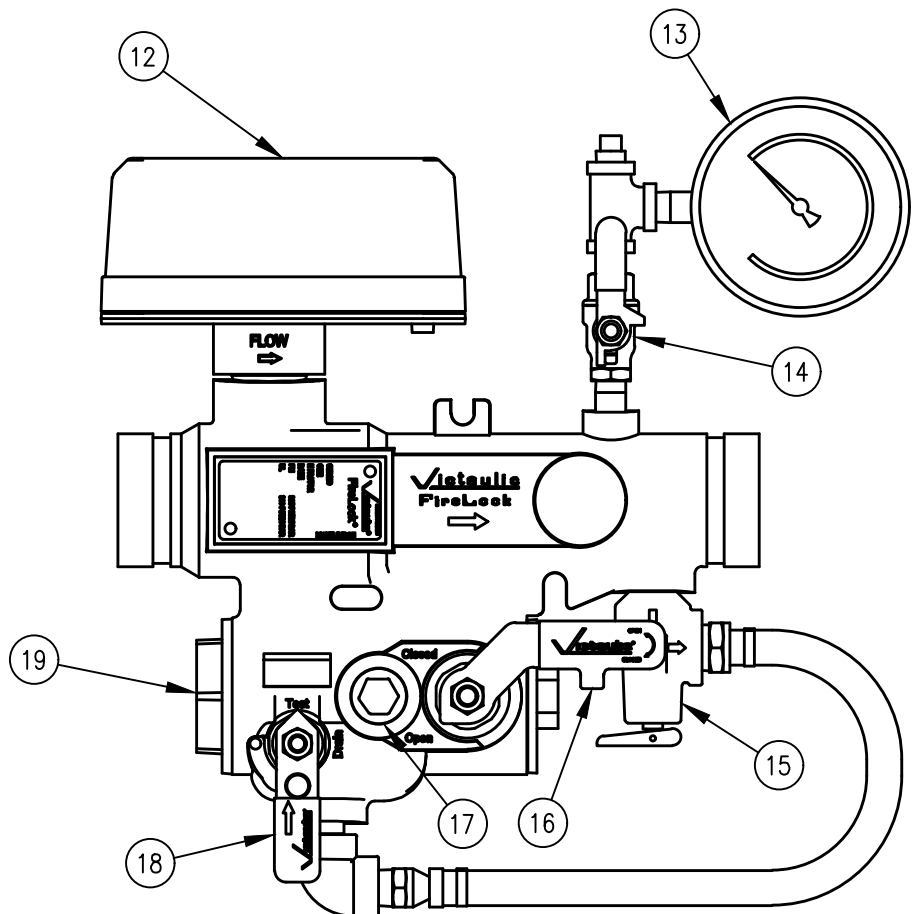
OLA Consulting Engineers
50 Broadway,
Hawthorne, NY 10532
914.747.2800
8 West 38th Street,
Suite 501
New York, NY 10018
646.849.4110
olace.com

ISSUED FOR CONSTRUCTION



2 TYPICAL CONCEALED PENDENT SPRINKLER
SCALE: NONE

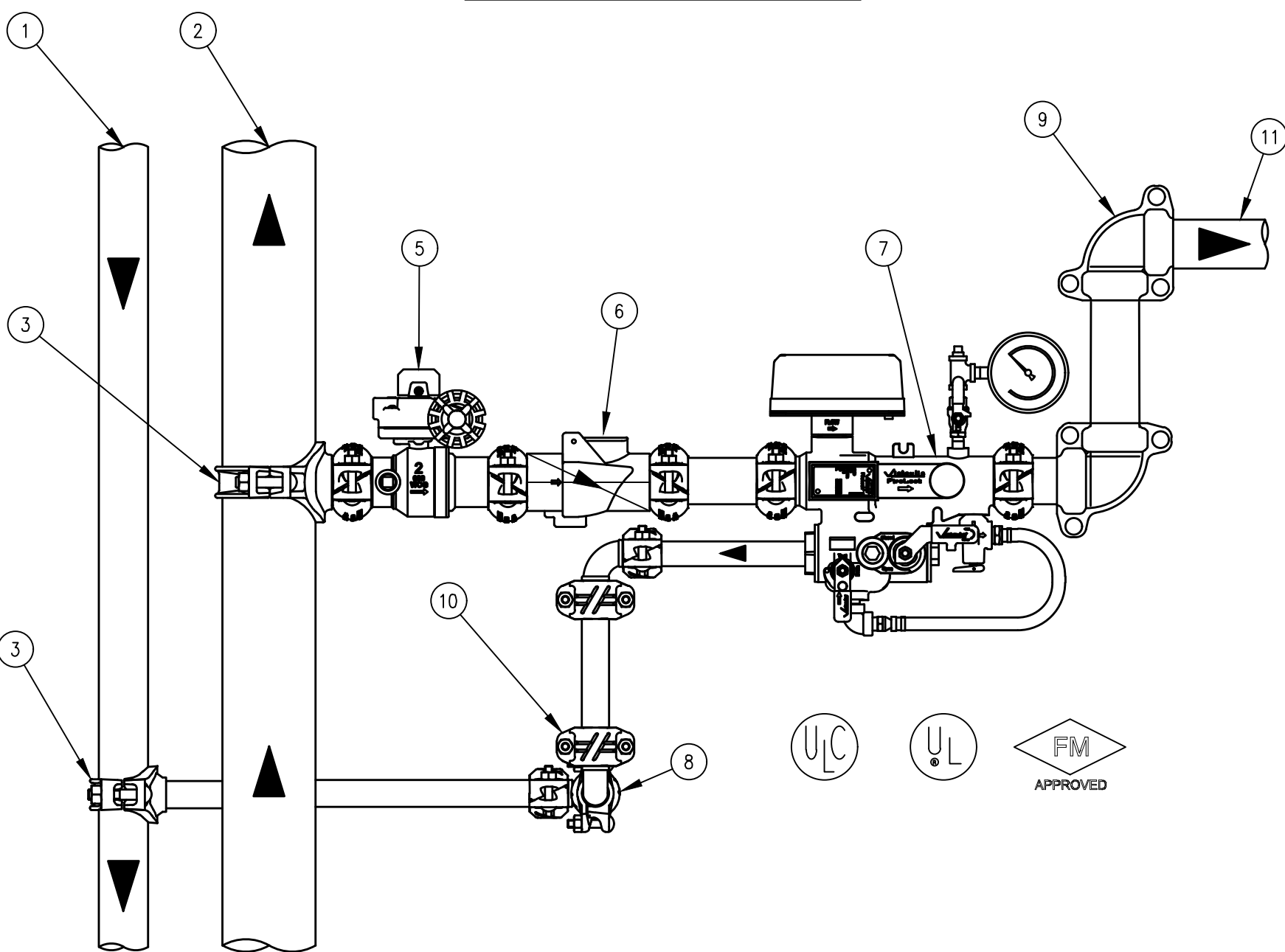
PRODUCT LEGEND	
1	DRAIN RISER
2	RISER
3	VIC MECHANICAL TEE STYLE 920N
4	VIC THREADED REDUCER No. 52
5	VIC FIRELOCK BALL VALVE SERIES 728
6	VICTAULIC SERIES 717 FIRELOCK CHECK VALVE
7	VIC FIRELOCK ZONE CONTROL RISER MODULE SERIES 747MP
8	VIC FIRELOCK 90 DEG ELBOW No. 001
9	VIC IR FIRELOCK 90 DEG ELBOW No. 101
10	VIC FIRELOCK EZ RIGID COUPLING STYLE 009 (OR) RIGID COUPLING STYLE 005
11	TO SPRINKLER SYSTEM
12	UL LISTED FM APPROVED FLOW SWITCH (SYSTEM SENSOR MODEL WFDT)
13	PRESSURE GAUGE
14	ISOLATION VALVE FOR GAUGE
15	PRESSURE RELIEF VALVE
16	SHUT OFF VALVE (HANDLE ON BOTH SIDES)
17	SITE GLASS (VISIBLE FROM BOTH SIDES)
18	TEST AND DRAIN VALVE (HANDLE ON BOTH SIDES)
19	THREADED DRAIN CONNECTION
SEE VICTAULIC SUBMITTAL NUMBER 10.96	



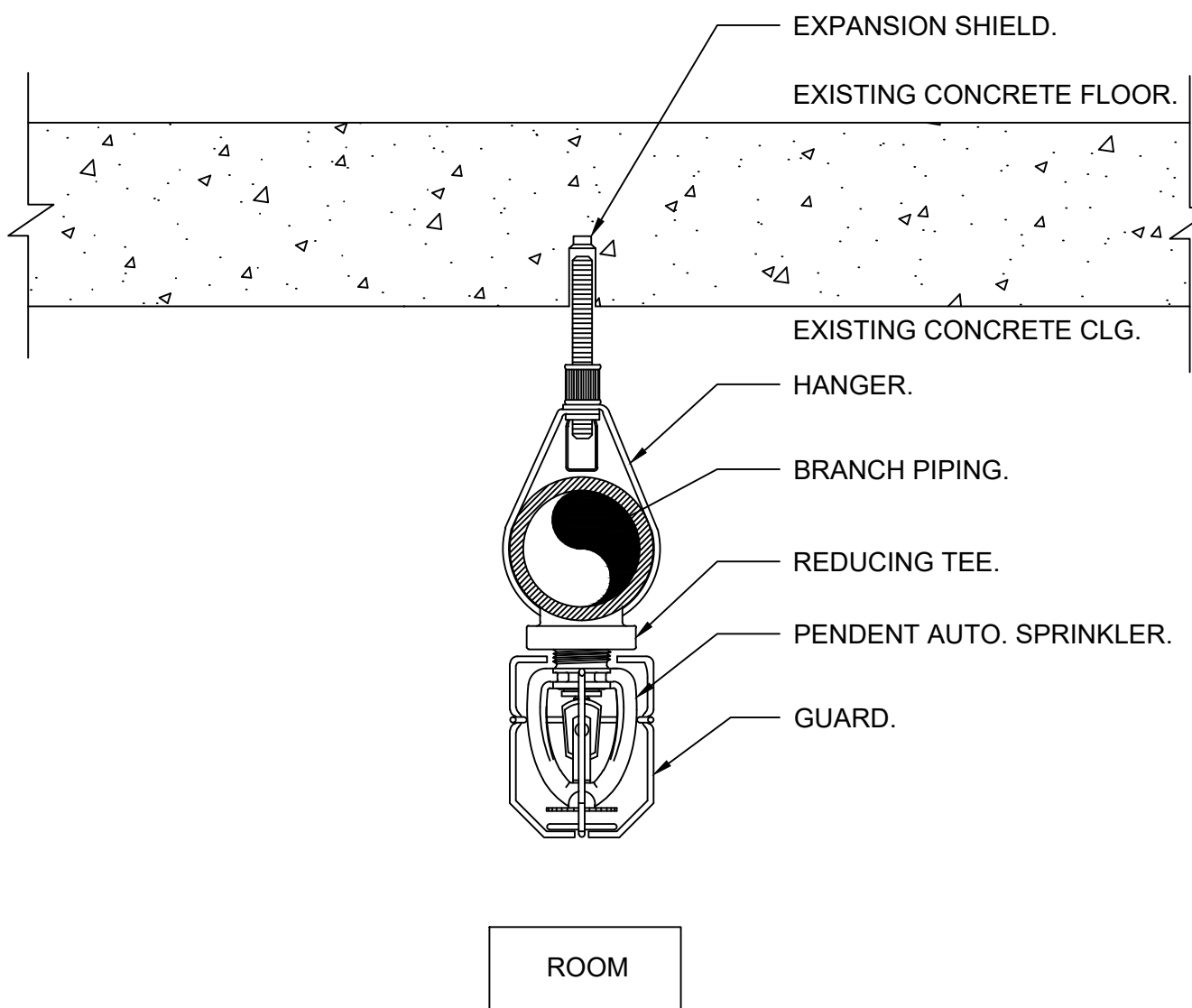
FIRELOCK ZONE CONTROL RISER MODULE W/ PSI RELIEF
NOTE: CAN BE MOUNTED IN THE HORIZONTAL OR VERTICAL UPFLOW POSITION

3 SPRINKLER ZONE CONTROL RISER MODULE WITH CHECK VALVE & PSI RELIEF
SCALE: NONE

ZONE CONTROL RISER VALVE ASSEMBLY
WITH ISOLATION VALVE & PSI RELIEF



NOTES:
1. DETAIL BASED ON VICTAULIC MODEL 747MP. OR APPROVED EQUAL.
2. REFER TO VICTAULIC SUBMITTAL 10.96 FOR ADDITIONAL DETAILS.



1 PENDENT SPRINKLER WITH GUARD
SCALE: NONE

KEY PLAN

NOTE: ALL IDEAS, DESIGNS, ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF KAPFER, GARNETT & DAVIDSON ARCHITECTS, PC (KG&D), AND WERE CREATED FOR USE ON THIS PROJECT. NONE OF SUCH IDEAS, DESIGNS, ARRANGEMENTS OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN PERMISSION OF (KG&D).

WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. SHOP DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

ALTERATIONS BY ANY PERSON, IN ANY WAY, OF ANY ITEM CONTAINED ON THIS DOCUMENT, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT WHOSE PROFESSIONAL SEAL IS AFFIXED HERETO, IS A VIOLATION OF TITLE 16, SECT. 60 (1) (b) OF NEW YORK STATE LAW. COPYRIGHT KAPFER, GARNETT & DAVIDSON ARCHITECTS & ENGINEERS, PC. ALL RIGHTS RESERVED.

Professional Seal

No.	Date	Issue
7	08/12/2021	Issued for Construction
6	06/25/2021	Issued for Permit
5	02/24/2021	Issued for Bid
4	02/10/2021	Issued for Review
3	5/14/2020	90% Construction Documents
2	2/21/2020	Design Development
1	12/18/2019	Schematic Design

Sheet Title


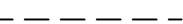















FIRE PROTECTION
DETAILS 2 OF 2

Job No. NKGD0214.00 Date 06/25/2021

Scale AS NOTED Drawn / Checked

Sheet Number

FP702

SYMBOLS AND ABBREVIATIONS					
SYMBOL	ABBREVIATION	DESCRIPTION	SYMBOL	ABBREVIATION	DESCRIPTION
	-	CONDUIT AND WIRING		A	AMPERE(S)
	-	CONDUIT & WIRING TO BE REMOVED UON		ANN	ANNUNCIATOR PANEL
	-	BURIED CONDUIT		BLDG	BUILDING
	-	HOMERUN TO PANEL, ARROWS INDICATE # 1P		C	CONDUIT
	-	MULTI-POLE HOMERUN		CKT	CIRCUIT
	-	ELECTRICAL EQUIPMENT AS INDICATED		CLG	CEILING
	-	ELECTRIC METER		COL	COLUMN
	-	JUNCTION BOX		DWG	DRAWING
	-	FUSED DISCONNECT SWITCH		ELEV	ELEVATOR
	CB	CIRCUIT BREAKER		FACP	FIRE ALARM CONTROL PANEL
	DRC	DEDICATED RADIO CONSOLE		PS	POWER SUPPLY
	RAU	RADIO AMPLIFICATION UNIT		SW	SWITCH(ES)
	-	DIRECTIONAL COUPLER		TYP	TYPICAL
	-	2 PORT EQUAL POWER DIVIDER		UON	UNLESS OTHERWISE NOTED
	-	3 PORT EQUAL POWER DIVIDER			
	-	TERMINATION LOAD	NOTES: 1.) ALL SYMBOLS AND ABBREVIATIONS MAY NOT BE APPLICABLE FOR THIS PROJECT. 2.) SEE LIGHTING FIXTURE SCHEDULE FOR LIGHT FIXTURE SYMBOLS.		
	-	UHF DIPOLE ANTENNA			
	-	TOWERLINQ SIGNALING LINE CIRCUIT (SLC) UP			
	-	TOWERLINQ SIGNALING LINE CIRCUIT (SLC) DOWN			

STREAM Center for Experiential Learning

SCHOOL OF THE HOLY CHILD

2225 WESTCHESTER AVE, RYE, NY

KG+D


listen
imagine
build

KG+D . ARCHITECTS PC

285 MAIN STREET MOUNT KISCO . NEW YORK . 10549

P:914.666.5900 KGDARCHITECTS.COM

OLA Consulting Engineers



50 Broadway,
Hawthorne, NY 10532
914.747.2800

8 West 38th Street,
Suite 501
New York, NY 10018
646.849.4110

olace.com

ISSUED FOR CONSTRUCTION

KEY PLAN

NOTE: ALL IDEAS, DESIGNS, ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF KAEFER, GARMENT & DAVIDSON ARCHITECTS, PC (KG&D), AND WERE CREATED FOR USE ON THIS PROJECT. NONE OF SUCH IDEAS, DESIGNS, ARRANGEMENTS OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN PERMISSION OF (KG&D).

WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. SHOP DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

ALTERATIONS BY ANY PERSON, IN ANY WAY, OF ANY ITEM CONTAINED ON THIS DOCUMENT, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT WHOSE PROFESSIONAL SEAL IS AFFIXED HERETO, IS A VIOLATION OF TITLE V.A. SECT. 60 (1) (b) OF NEW YORK STATE LAW.
COPYRIGHT KAEFER, GARMENT + DAVIDSON ARCHITECTS & ENGINEERS, PC
ALL RIGHTS RESERVED.

Professional Seal

7	08/12/2021	Issued for Construction
6	06/25/2021	Issued for Permit
5	02/24/2021	Issued for Bid
4	02/10/2021	Issued for Review
3	5/14/2020	90% Construction Documents
2	2/21/2020	Design Development
1	12/18/2019	Schematic Design

No. Date Issue

Sheet Title

FIRE RADIO SYMBOLS,
ABBREVIATIONS AND
GENERAL NOTES

Job No.
NKGDD0214.00

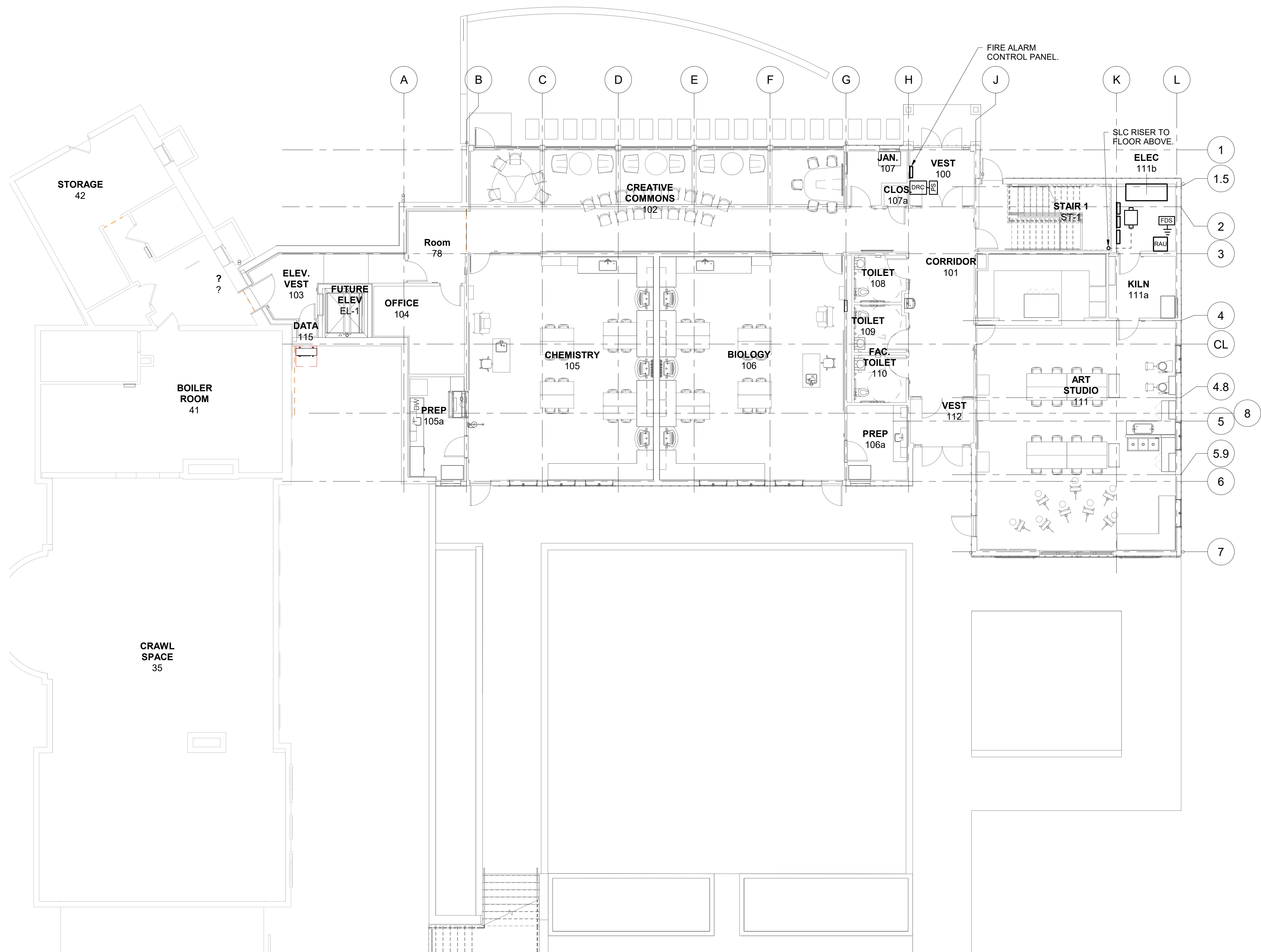
Date
06/25/2021

Scale
AS NOTED

Drawn / Checked
NL/DS

Sheet Number

FR001



1

FIRE RADIO 1ST FLOOR NEW WORK PLAN

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

**STREAM Center for
Experiential
Learning**
SCHOOL OF THE HOLY
CHILD
2225 WESTCHESTER AVE,
RYE, NY

KG+D listen
imagine
build
KG+D . ARCHITECTS PC
285 MAIN STREET MOUNT KISCO . NEW YORK . 10549
P:914.666.5900 KGDARCHITECTS.COM



OLA Consulting Engineers
50 Broadway,
Hawthorne, NY 10532
914.747.2800
8 West 38th Street,
Suite 501
New York, NY 10018
646.649.4110
olace.com

ISSUED FOR CONSTRUCTION

KEY PLAN

NOTE: ALL IDEAS, DESIGNS, ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF KATYER, GARMENT & DAVIDSON ARCHITECTS, PC (KGAD), AND WERE CREATED FOR USE ON THIS PROJECT. NONE OF SUCH IDEAS, DESIGNS, ARRANGEMENTS OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN PERMISSION OF (KGAD).

WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. SHOP DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

ALTERATIONS BY ANY PERSON, IN ANY WAY, OF ANY ITEM CONTAINED ON THIS DOCUMENT, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT WHOSE PROFESSIONAL SEAL IS AFFIXED HERETO, IS A VIOLATION OF TITLE V.B. SECT. (A) & (B) OF NEW YORK STATE LAW.
COPYRIGHT KATYER, GARMENT & DAVIDSON ARCHITECTS & ENGINEERS, PC. ALL RIGHTS RESERVED.

Professional Seal

No.	Date	Issue
7	08/12/2021	Issued for Construction
6	06/25/2021	Issued for Permit
5	02/24/2021	Issued for Bid
4	02/10/2021	Issued For Review
3	5/14/2020	90% Construction Documents
2	2/19/2020	Design Development
1	12/18/2019	Schematic Design

Sheet Title

FIRE RADIO 1ST FLOOR PLAN

Job No. NKG00214.00	Date 02/10/2020
Scale AS NOTED	Drawn / Checked Author Checker

Sheet Number

FR301

STREAM Center for
Experiential
Learning
SCHOOL OF THE HOLY
CHILD
2225 WESTCHESTER AVE,
RYE, NY

KG+D

listen
imagine
build

KG+D . ARCHITECTS PC
285 MAIN STREET MOUNT KISCO . NEW YORK . 10549
P:914.666.5900 KGDARCHITECTS.COM

OLA

Consulting Engineers

50 Broadway,
Hawthorne, NY 10532
914.747.2800
8 West 38th Street,
Suite 501
New York, NY 10018
646.649.4110
olace.com

ISSUED FOR CONSTRUCTION

KEY PLAN

NOTE: ALL IDEAS, DESIGNS, ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF KAEFER, GARMENT & DAVIDSON ARCHITECTS, PC (KGAD), AND WERE CREATED FOR USE ON THIS PROJECT. NONE OF SUCH IDEAS, DESIGNS, ARRANGEMENTS OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN PERMISSION OF (KGAD).

WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. SHOP DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

ALTERATIONS BY ANY PERSON, IN ANY WAY, OF ANY ITEM CONTAINED ON THIS DOCUMENT, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT WHOSE PROFESSIONAL SEAL IS AFFIXED HERETO, IS A VIOLATION OF TITLE V.B. SECT. 69-B (3) OF NEW YORK STATE LAW.
COPYRIGHT KAEFER, GARMENT + DAVIDSON ARCHITECTS & ENGINEERS, PC. ALL RIGHTS RESERVED.

Professional Seal

7	08/12/2021	Issued for Construction
6	06/25/2021	Issued for Permit
5	02/24/2021	Issued for Bid
4	02/10/2021	Issued For Review
3	5/14/2020	90% Construction Documents
2	2/19/2020	Design Development
1	12/18/2019	Schematic Design
No.	Date	Issue

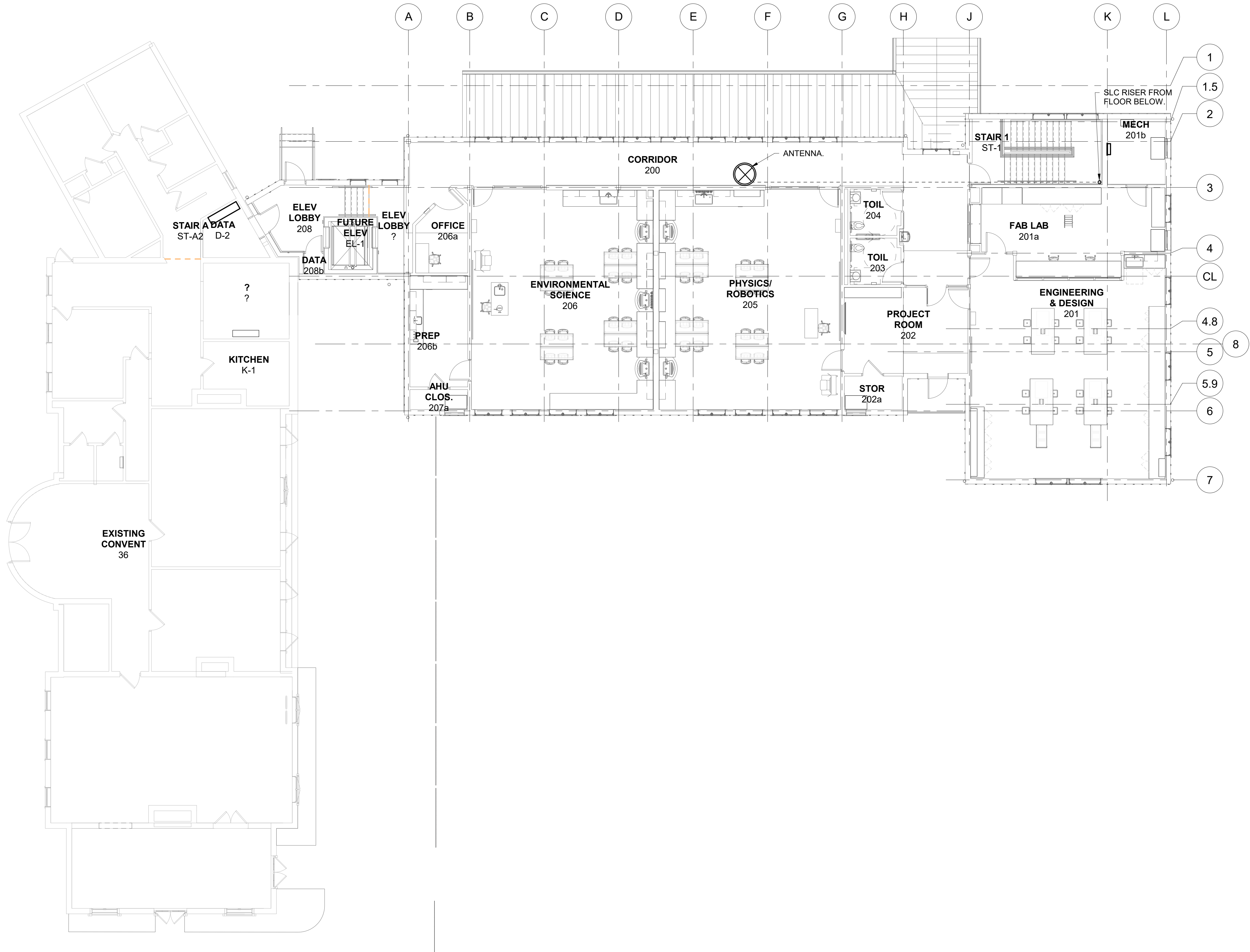
Sheet Title

FIRE RADIO 2ND
FLOOR PLAN

Job No. NKG00214.00	Date 02/10/2020
Scale AS NOTED	Drawn / Checked Author Checker

Sheet Number

FR302



1

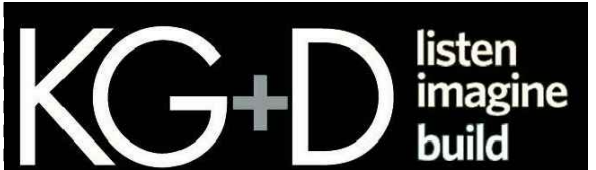
FIRE RADIO 2ND FLOOR NEW WORK PLAN

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

STREAM Center for
Experiential
Learning

SCHOOL OF THE HOLY
CHILD

2225 WESTCHESTER AVE,
RYE, NY



KG+D . ARCHITECTS PC
285 MAIN STREET MOUNT KISCO . NEW YORK . 10549
P:914.666.5900 KGDARCHITECTS.COM

OLA Consulting Engineers
50 Broadway,
Hawthorne, NY 10532
914.747.2800
8 West 38th Street,
Suite 501
New York, NY 10018
646.849.4110
olace.com

ISSUED FOR CONSTRUCTION

KEY PLAN

NOTE: ALL IDEAS, DESIGNS, ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF KAPFER, GARMENT & DAVIDSON ARCHITECTS, PC (KG&D), AND WERE CREATED FOR USE ON THIS PROJECT. NONE OF SUCH IDEAS, DESIGNS, ARRANGEMENTS OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN PERMISSION OF (KG&D).

WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. SHOP DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

ALTERATIONS BY ANY PERSON, IN ANY WAY, OF ANY ITEM CONTAINED ON THIS DOCUMENT, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT WHOSE PROFESSIONAL SEAL IS AFFIXED HERETO, IS A VIOLATION OF TITLE 16, SECT. 60 (1) (b) OF NEW YORK STATE LAW. COPYRIGHT KAPFER, GARMENT + DAVIDSON ARCHITECTS & ENGINEERS, PC. ALL RIGHTS RESERVED.

Professional Seal

7	08/12/2021	Issued for Construction
6	06/25/2021	Issued for Permit
5	02/24/2021	Issued for Bid
4	02/10/2021	Issued for Review
3	5/14/2020	90% Construction Documents
2	2/21/2020	Design Development
1	12/18/2019	Schematic Design
No.	Date	Issue

FIRE RADIO
COMMUNICATIONS
(ERRCS) ONE-LINE
DIAGRAM

Job No. NKGD0214.00	Date 06/25/2021
Scale AS NOTED	Drawn / Checked NL/DS

Sheet Number

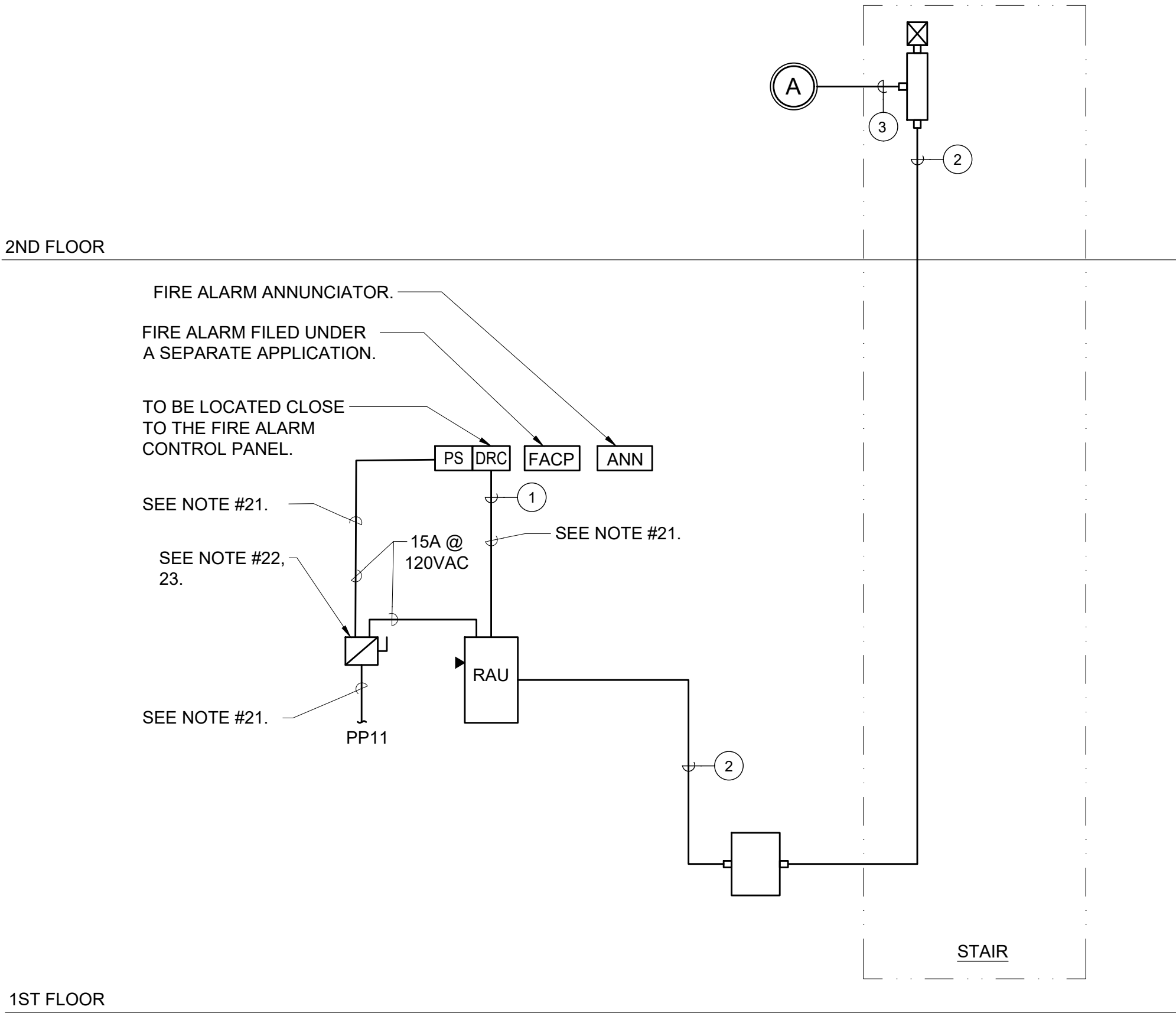
FR501

WIRING/CONDUIT LEGEND:

- ① CONTROL CABLING: 25 PAIR CAT-5e.
- ② TOWERLINQ SIGNALING LINE CIRCUIT (SLC) IN 1" C.
- ③ TOWERLINQ SIGNALING LINE CIRCUIT (SLC).

NOTES:

- RISER CABLING: PRIMARY DISTRIBUTION CABLE FOR R/F POWER IS NOT EXCLUSIVELY INSTALLED VERTICALLY.
- BRANCH CABLING: LAST LEG DISTRIBUTION CABLE FOR R/F POWER. TYPICALLY INSTALLED ON A SINGLE FLOOR AND FEEDS ANTENNAS.
- ALL BRANCH CABLING MUST BE ENCASED IN THE CONCRETE DECK OR OTHERWISE PROVIDED WITH TWO HOURS SURVIVABILITY.
- CONTROL CABLING: 25 PAIR CAT-5E. ALL CONTROL CABLING IS TO BE INSTALLED INSIDE A TWO-HOUR RATED SHAFT WAY.
- DEDICATED RADIO CONSOLE (DRC) BY TOWERIQ MODEL TAC-H514 OR CURRENT MODEL. MUST BE LOCATED IN IMMEDIATE PROXIMITY OF FIRE ALARM PANEL OR FIRE ALARM ANNUNCIATOR.
- ALL RISER CABLING IS 1/2" AIR DIELECTRIC CABLE, RED, PRINTED "FIRE DEPARTMENT COMMUNICATIONS USE" TO BE INSTALLED AND SECURED PER MANUFACTURER RECOMMENDATIONS.
- INSTALLING CONTRACTOR TO DETERMINE FINAL DBM VALUES OF RF COMPONENTS.
- WHERE RISER AND/OR BRANCH CABLING IS EXPOSED TO GENERAL PUBLIC, MUST BE MECHANICALLY PROTECTED AGAINST ACCIDENTAL AND INTENTIONAL DAMAGE.
- ALL BRANCH CABLING IS 1/2" AIR DIELECTRIC CABLE WITH PLENUM RATING TO BE INSTALLED AND SECURED PER MANUFACTURER RECOMMENDATIONS.
- RADIO AMPLIFICATION UNIT (RAU) BY TOWERIQ MODEL TAC-R414 OR CURRENT MODEL. RAU MUST BE LOCATED IN TWO HOUR RATED ROOM.
- ALL COAXIAL CONNECTORS ARE TO BE N-TYPE CONNECTORS.
- WHERE ANY ELECTRICAL AND R/F CONNECTION IS MADE, PHYSICAL ACCESS MUST BE AVAILABLE.
- RAU REQUIRES A L5 30R ELECTRICAL CONNECTION TO LIFE SAFETY SOURCE. PROVIDE WITH A LOCKABLE FUSE DISCONNECT.
- ALL INSTALLED CABLING AND COMPONENTS, WHERE PHYSICALLY ACCESSIBLE ARE TO BE LABELED "EMERGENCY RESPONDER COMMUNICATIONS USE," AT A MINIMUM INTERVAL OF 6'.
- RAU MUST BE PROVIDED WITH INTERNET CONNECTIVITY VIA RJ-45 RECEPTACLE.
- FDS CONNECTION TO DRC IS REQUIRED IF CABLE LENGTH EXCEEDS 2000 FEET.
- LOCALIZED POWER CONNECTION TO THE DRC IS NOT REQUIRED WHEN THE CONTROL CABLE LENGTH IS LESS THAN 300 FEET. -EXCEPTION: WHEN BUILDING REQUIRES MULTIPLE DRCS, LOCALIZED POWER CONNECTIONS ARE REQUIRED FOR FOR EACH UNIT.
- WHEN ENCASED IN THE DECK ALL CABLES MUST BE INSTALLED IN PROPERLY SIZED CONDUIT WITH CONSIDERATIONS FOR PULL BOXES, TURN CONNECTORS AND OTHER IN-LINE DEVICES.
- PROVIDE FUSE QUANTITIES AND SIZES AS REQUIRED FOR SYSTEM.
- PROVIDE WIRING AND CONDUIT AS REQUIRED.
- NEW YORK STATE APPROVED CABINET WITH LOCAL FD KEY AND LOCKABLE DOOR. (FCO).
- 4-#4 & 1-#8 GND IN 1-1/4" C FROM PANELBOARD PP11. QUANTITY OF PHASE CONDUCTORS SHOWN FOR INFORMATION ONLY. PROVIDE NUMBER OF PHASE CONDUCTORS AS REQUIRED.
- 60AS/60AF. SIZE OF FUSES SHOWN FOR INFORMATION ONLY. SIZE FUSES AND PROVIDE NUMBER OF FUSES AS REQUIRED.
- ERRCS DISCONNECT SWITCH.



1 FIRE RADIO COMMUNICATIONS (ERRCS) ONE-LINE DIAGRAM
SCALE: NONE