

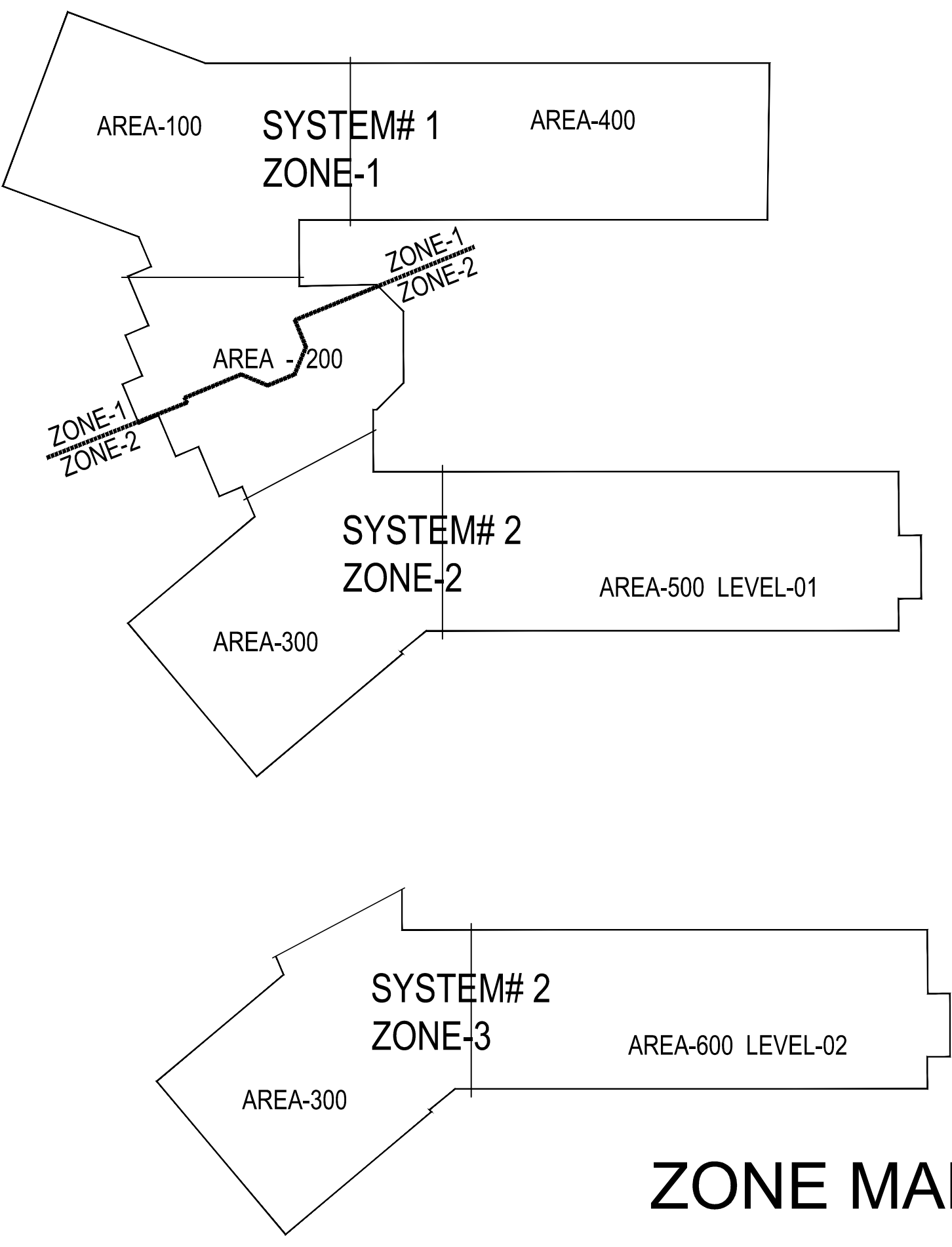
GENERAL NOTES

1. ALL WORK SHALL BE IN FULL COMPLIANCE WITH NFPA 13 2013 AND THE NORTH CAROLINA STATE BUILDING CODE, THE GENERAL CONDITIONS OF THE CONTRACT APPLY.
2. THE FP CONTRACTOR SHALL PROVIDE ALL LABOR AND MATERIALS REQUIRED FOR A COMPLETE WORKING SYSTEM WHICH MEETS ALL REQUIREMENTS OF THE STATE BUILDING CODE, NFPA 13, AND LOCAL AUTHORITY.
3. ALL MATERIALS AND EQUIPMENT SHALL BE NEW, UL LISTED FOR THE INTENDED USE AND SHALL BE INSTALLED IN FULL COMPLIANCE WITH MANUFACTURE'S RECOMMENDATIONS.
4. ALL UNDERGROUND BY OTHERS.
5. ALL PIPE 2" AND LARGER SHALL BE BLACK STEEL SCH-10 WITH GROOVED ENDS JOINED BY GROOVE FITTINGS. PIPE THAT IS TO BE THREADED SHALL BE SCH. 40 UNLESS NOTED OTHERWISE.
6. ALL PIPE 1 1/2" AND SMALLER SHALL BE BLACK STEEL SCH.40 WITH GROOVED ENDS JOINED BY GROOVE FITTINGS OR THREADED FITTINGS.
7. ALL FIREWALL PIPE PENETRATIONS SHALL BE PROTECTED AND SEALED WITH APPROVED FIRE-STOP MATERIAL.
8. LOCATIONS OF EQUIPMENT, HEADS AND PIPING AS SHOWN ON THE DRAWINGS ARE APPROXIMATE AND SUBJECT TO MINOR ADJUSTMENTS AS NECESSARY IN THE FIELD.
9. HEAD GUARD SHALL BE INSTALLED ON SPRINKLER HEADS AS NECESSARY.
10. LOW POINT DRAINS TO BE ROUTED TO EXTERIOR, MOP SINK, OR FLOOR DRAIN IN MECHANICAL ROOM.
11. UPRIGHT HEADS WITH CAGE GUARDS SHALL BE USED IN MECHANICAL SPACES OR ROOMS WITHOUT CEILINGS.

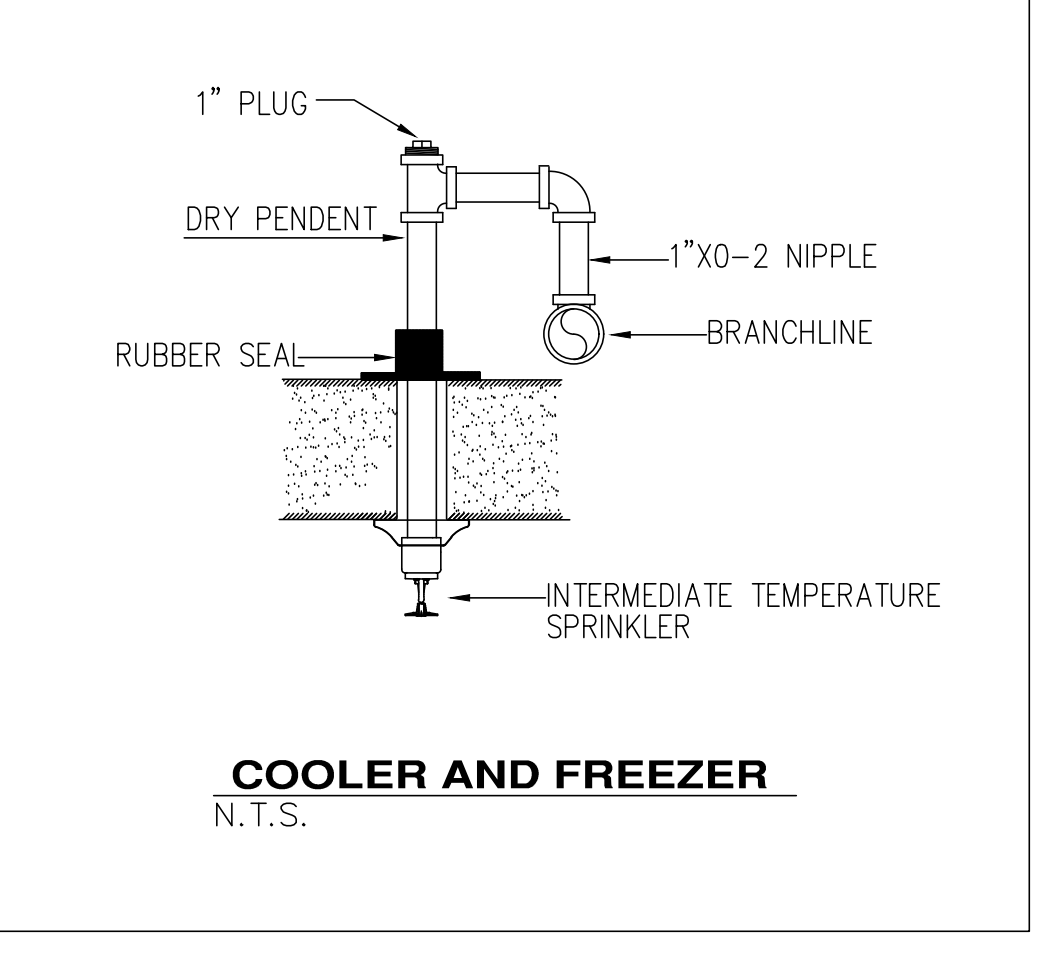
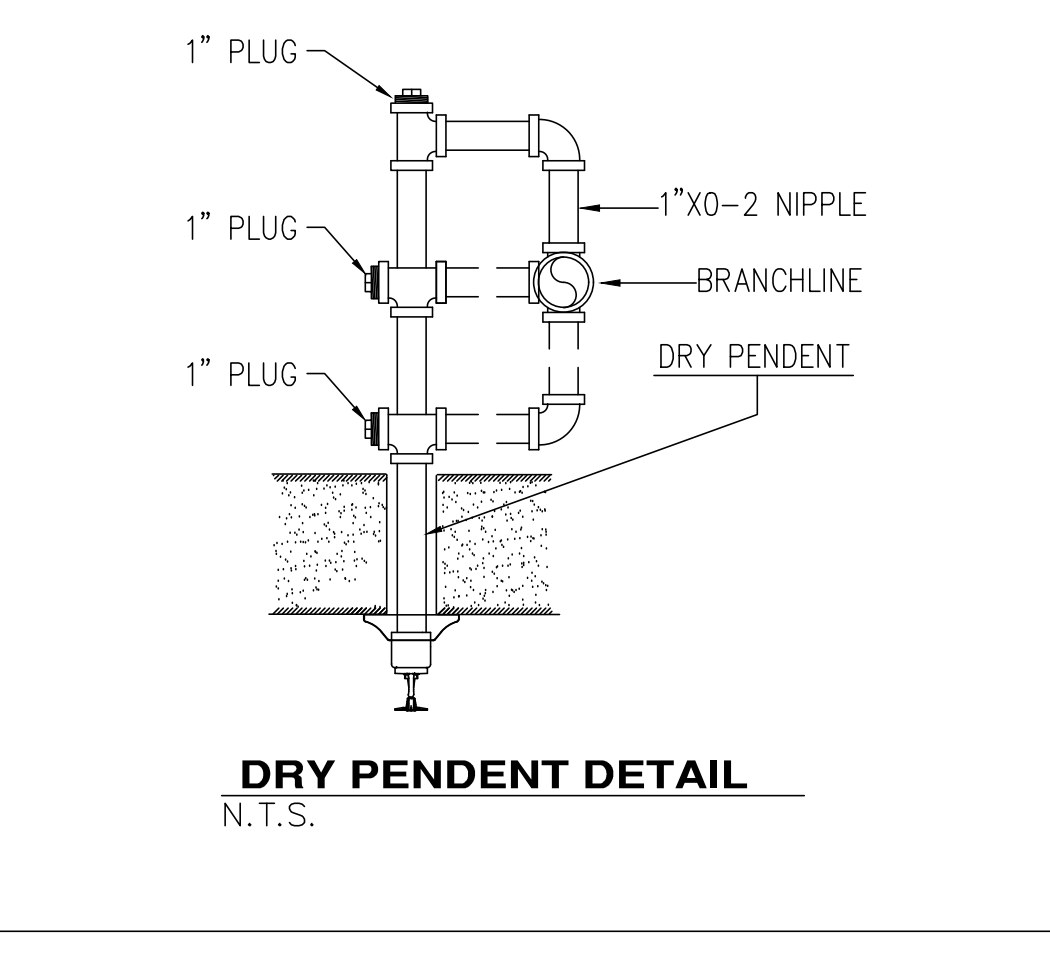
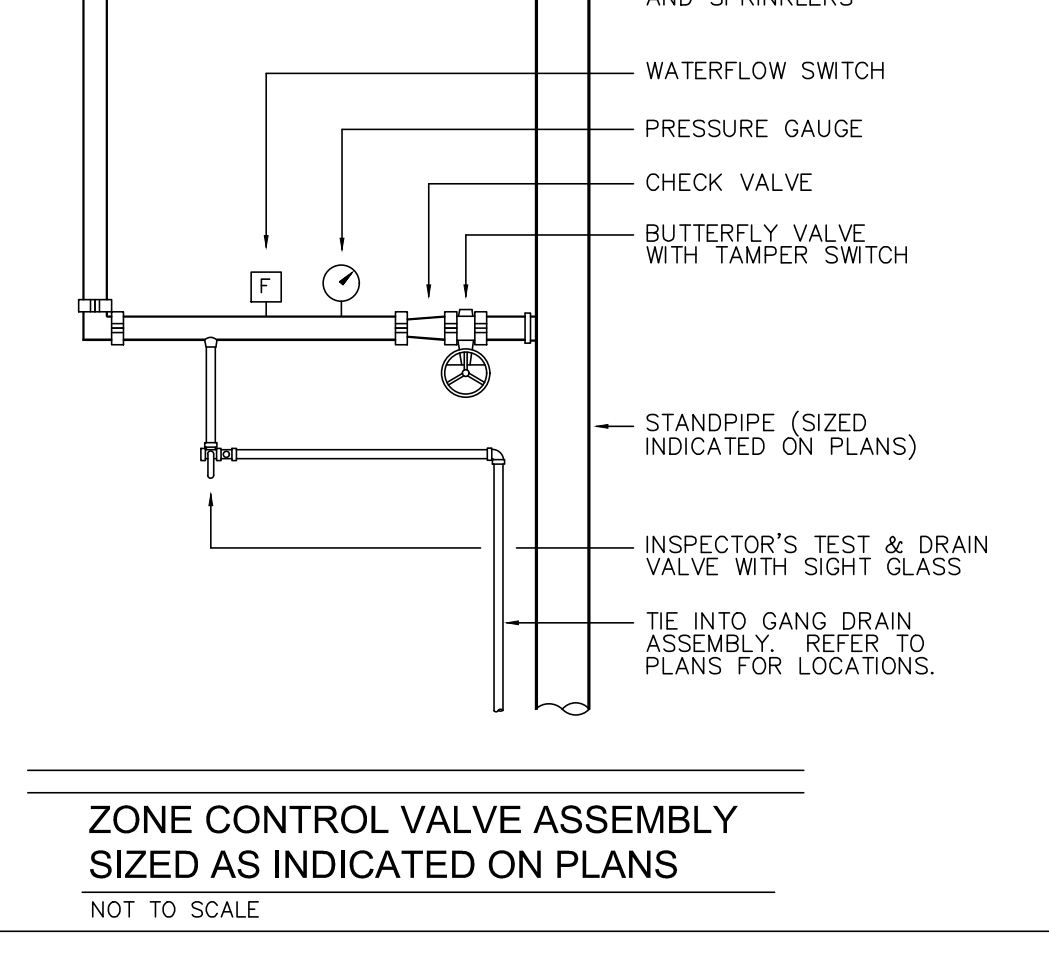
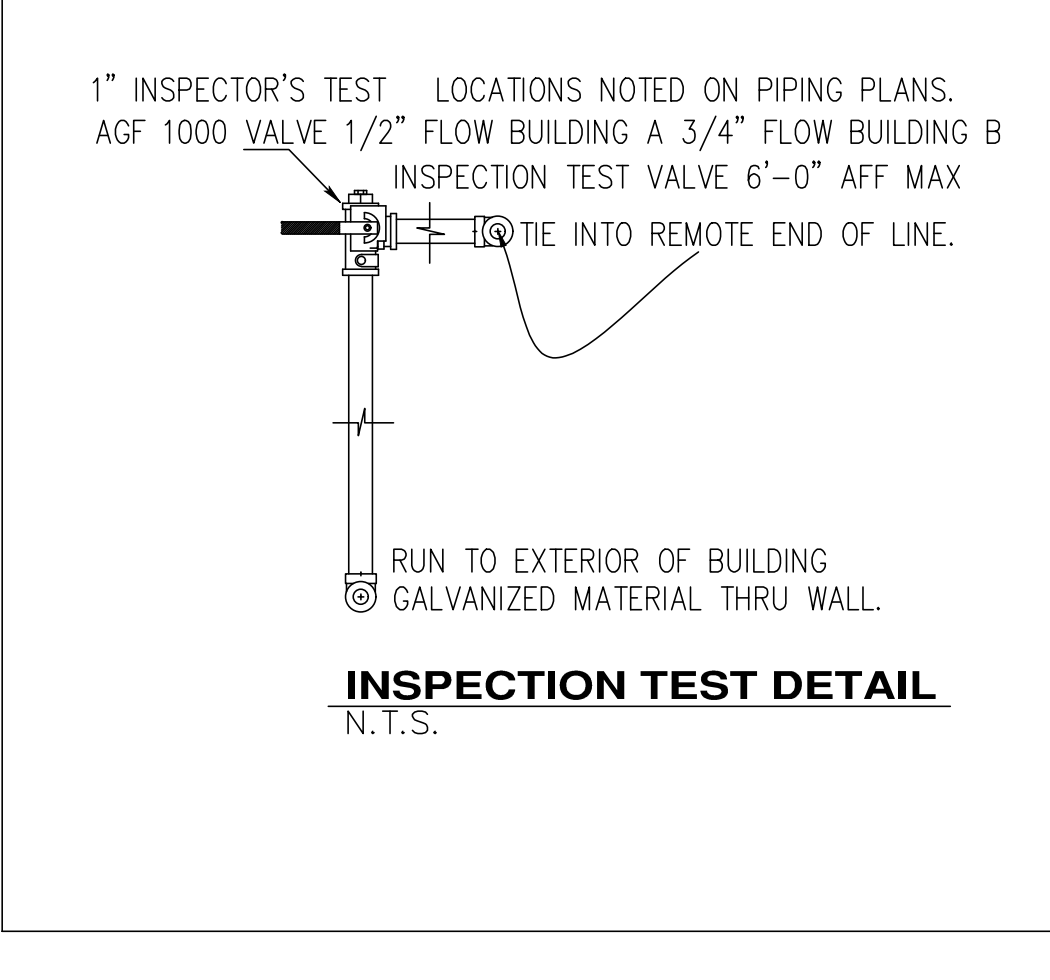
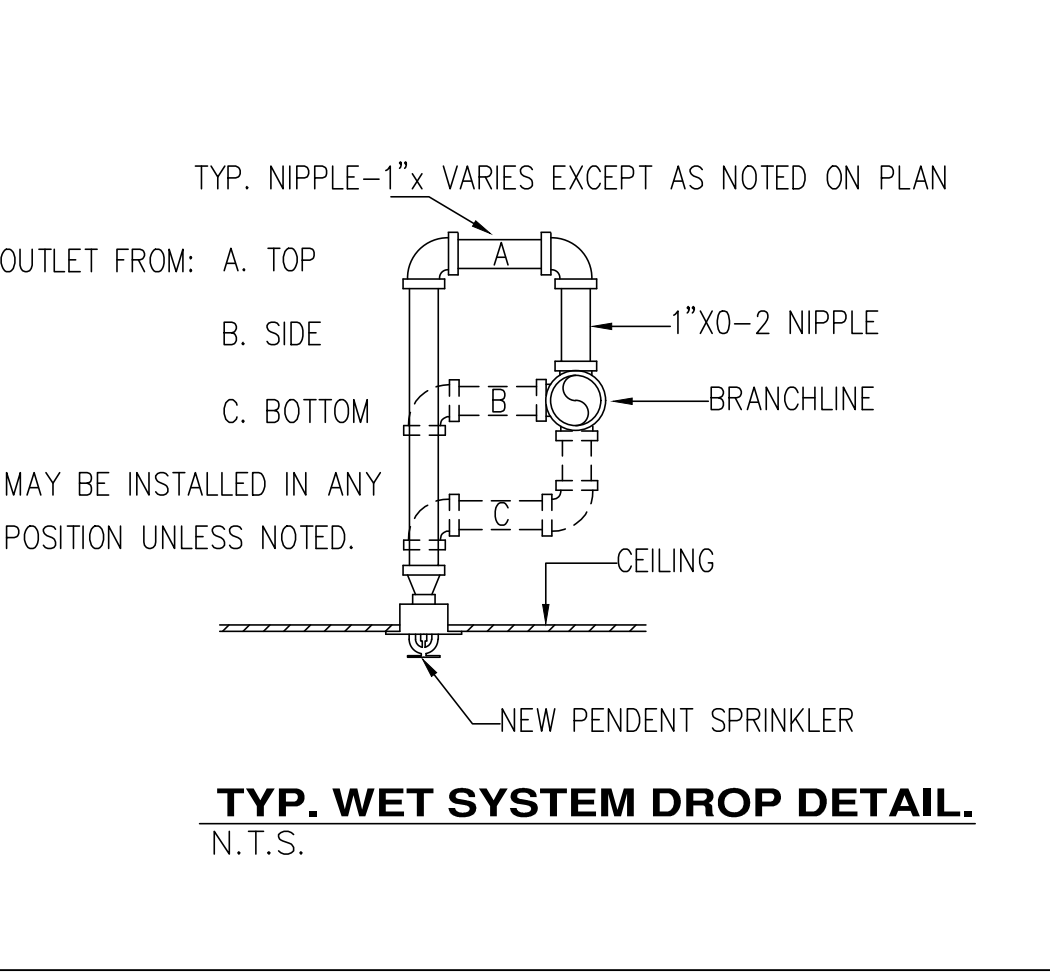
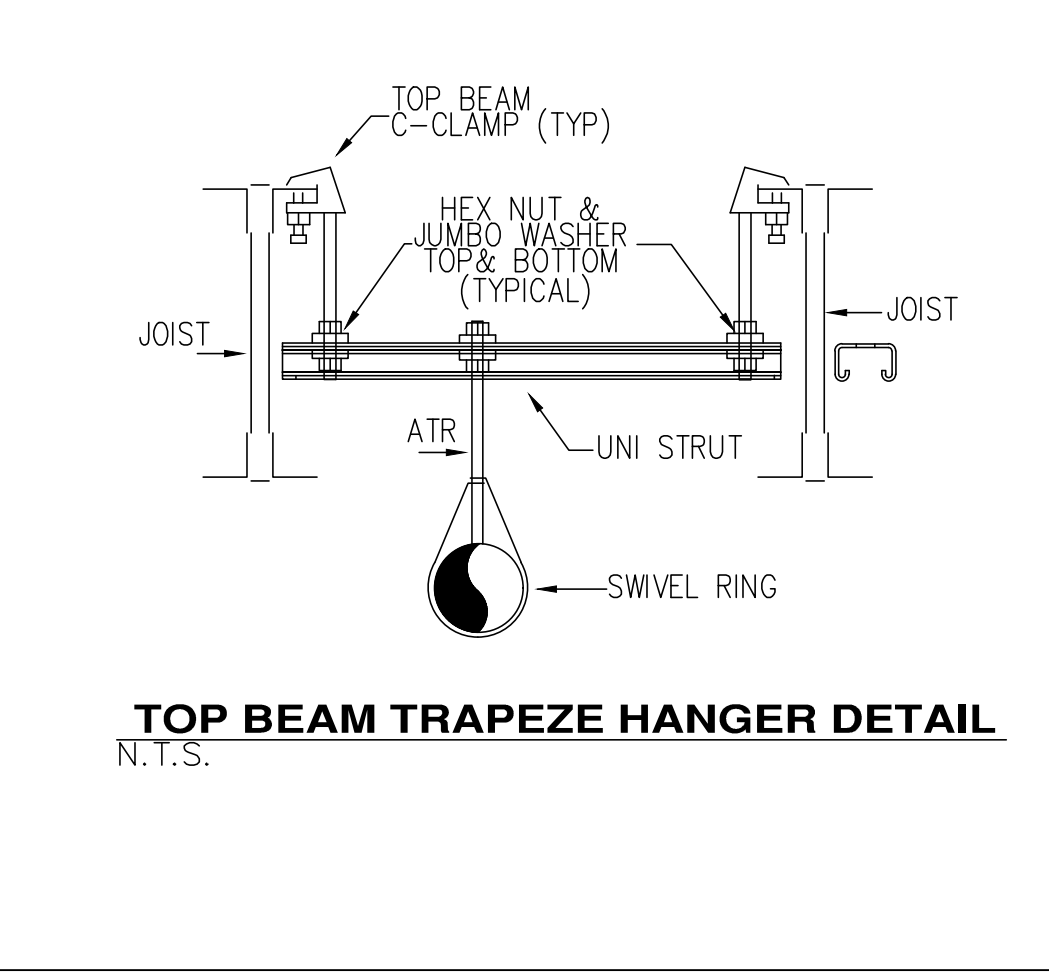
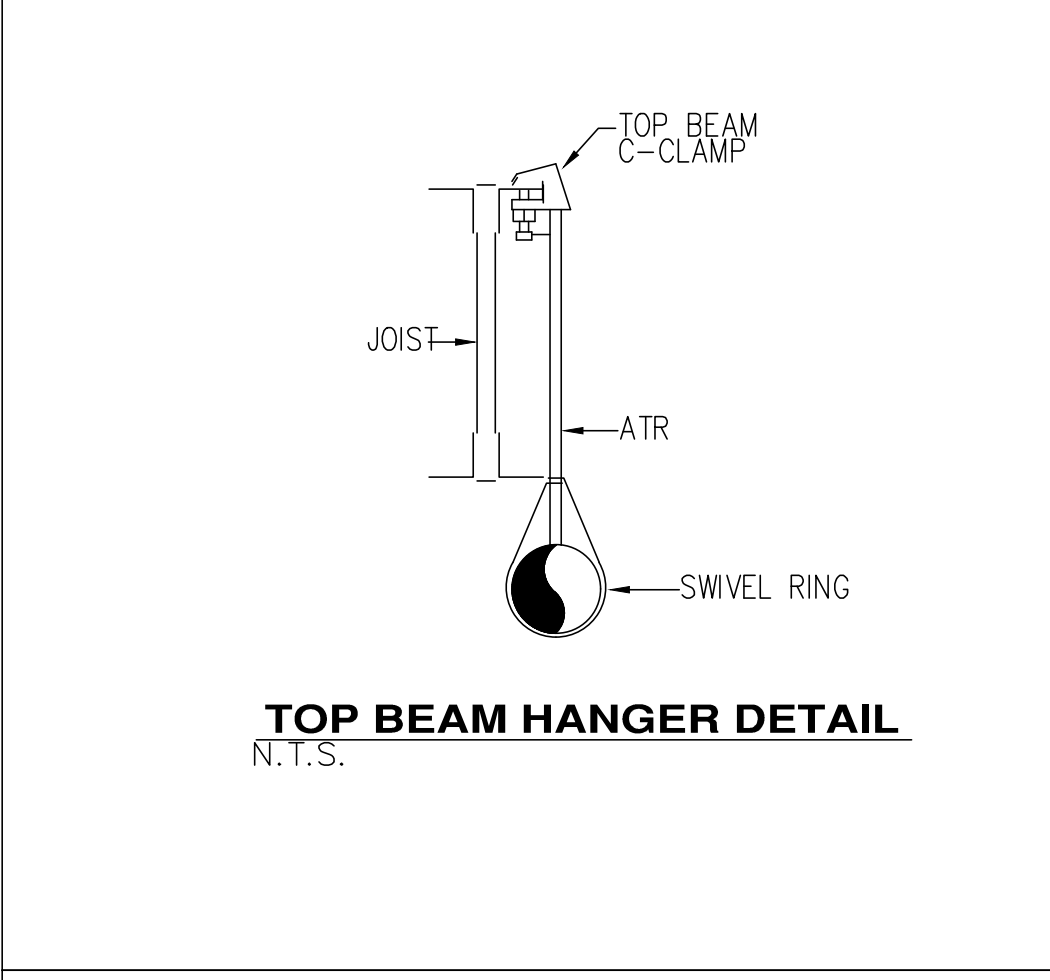
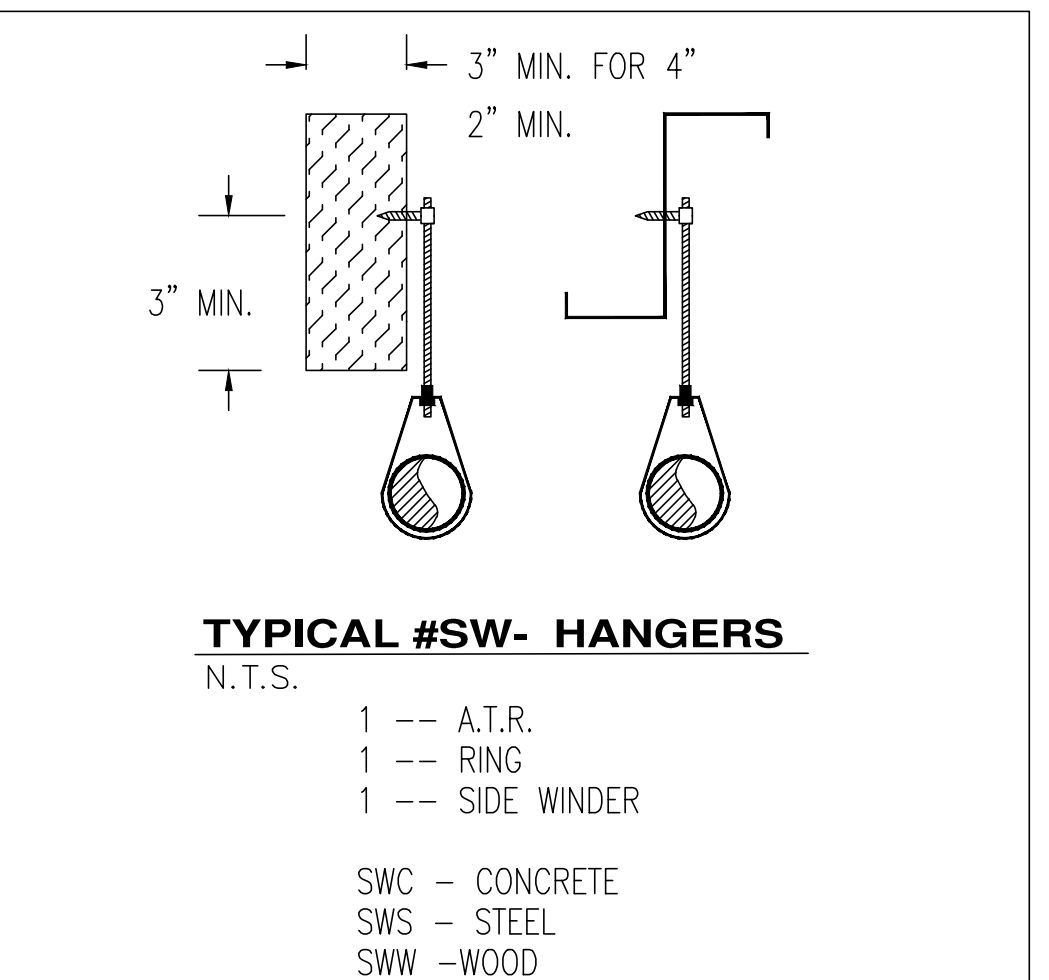
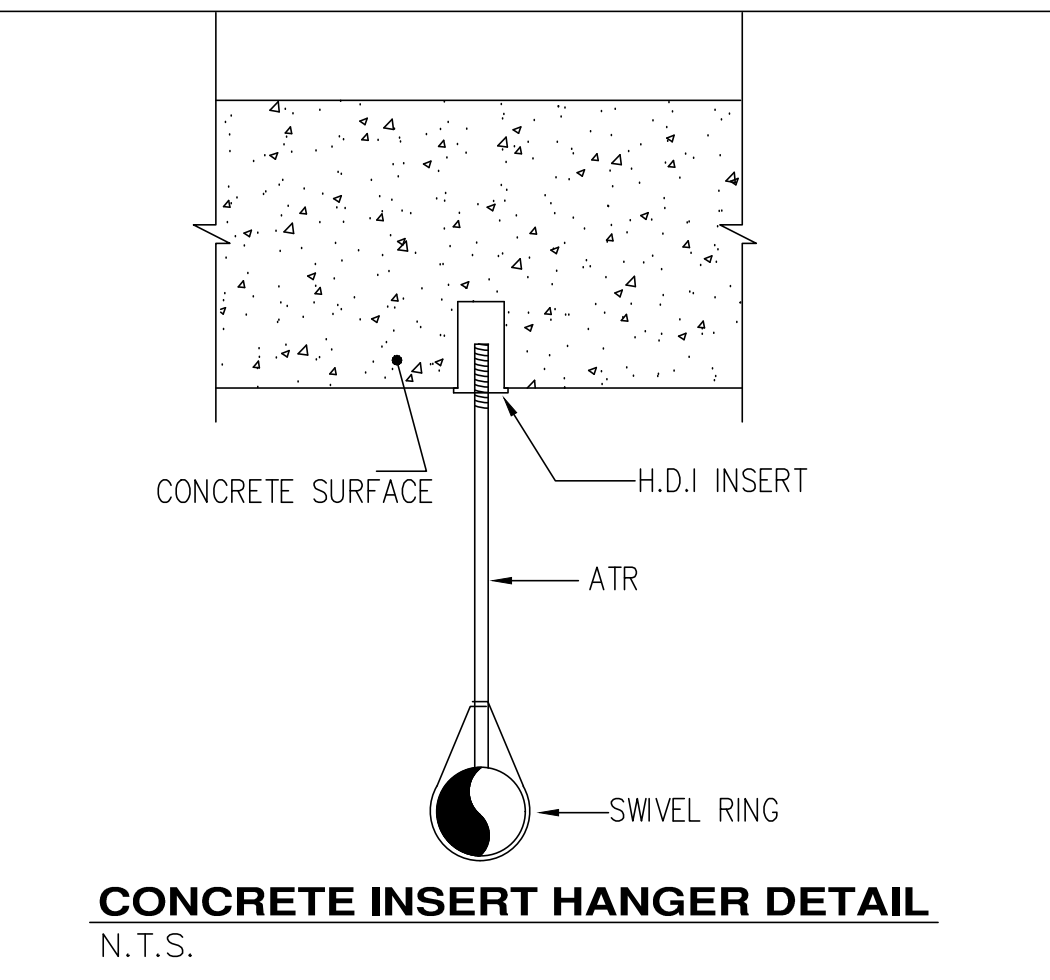
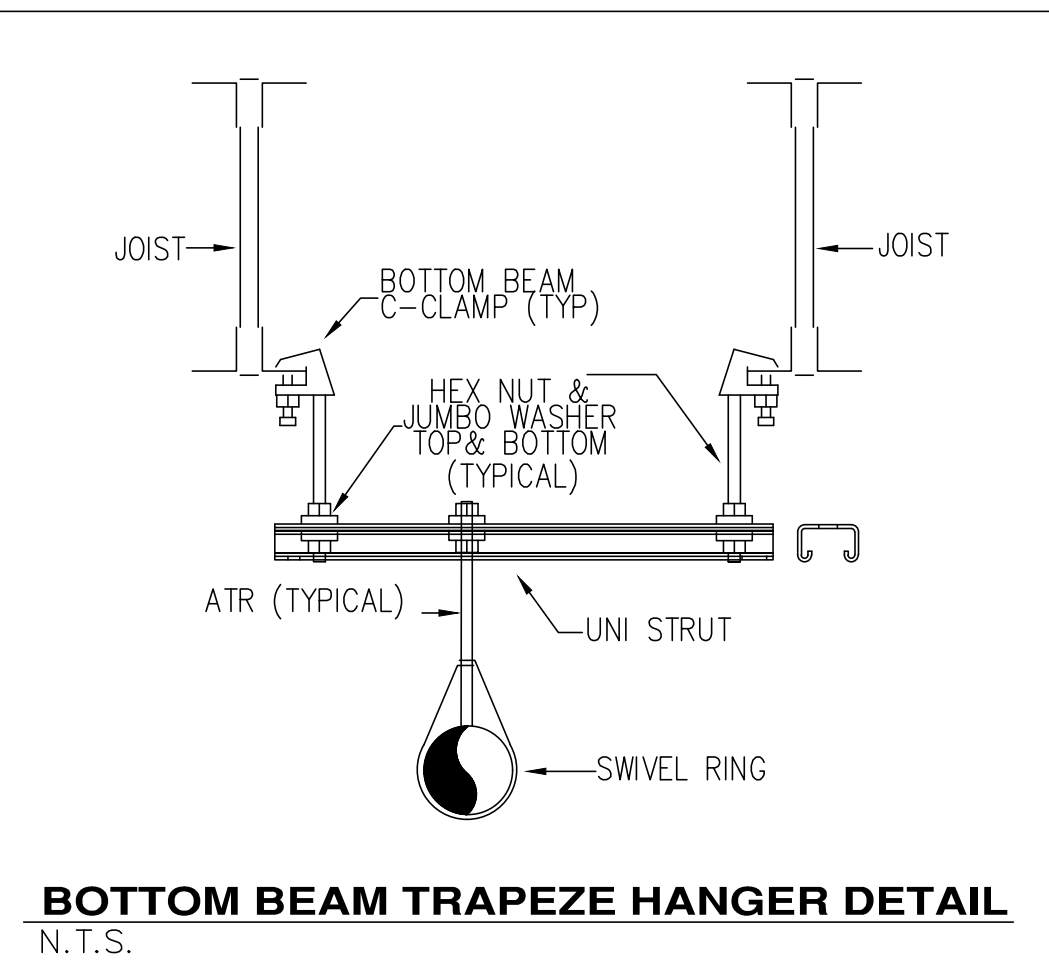
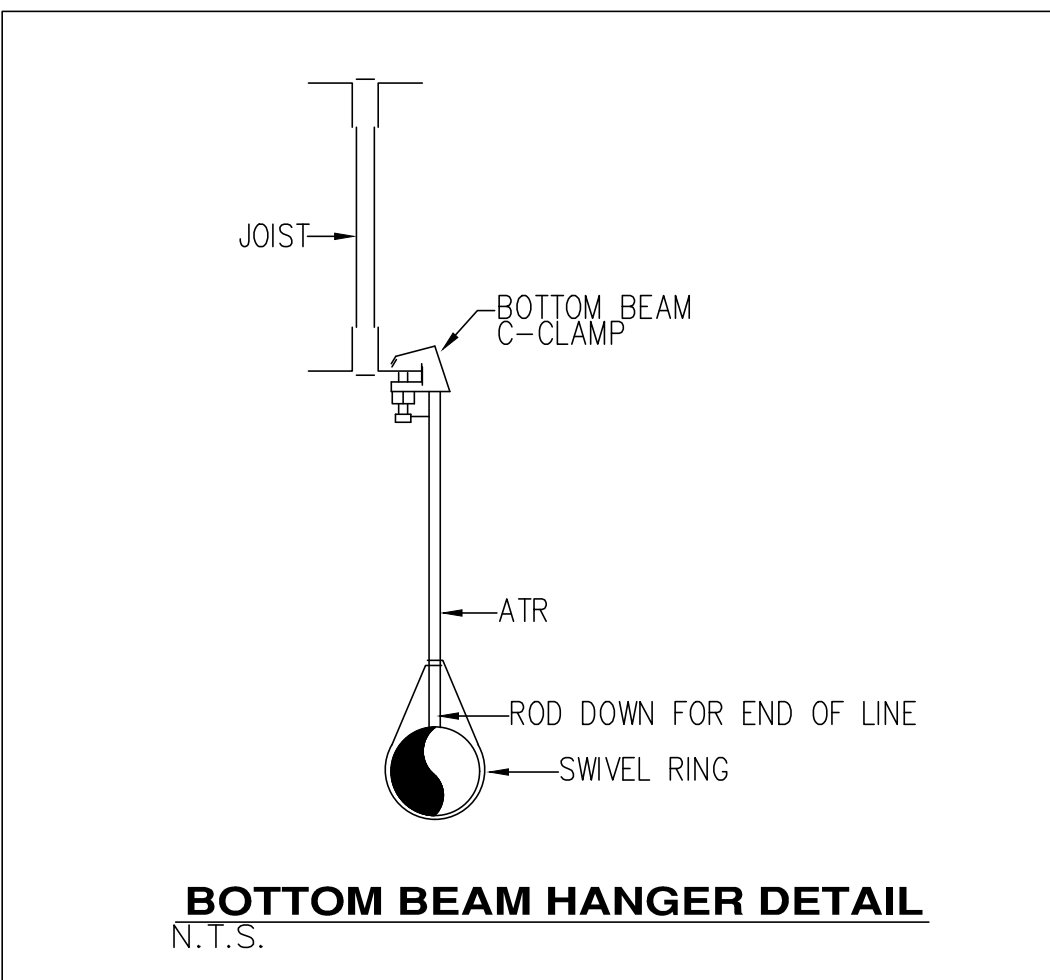
HANGER INSTALLATION REQUIREMENTS									
STEEL PIPE (10/ 40)	1/2"-3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	6"
MAXIMUM DISTANCE	10' 0"	12' 0"	12' 0"	15' 0"	15' 0"	15' 0"	15' 0"	15' 0"	15' 0"

UNSUPPORT ARM OVER MAXIMUM 12"
ALL RODS SHALL SHOW THROUGH THE BOTTOM OF THE HANGER BUTTON.
ALL BEAM CLAMP SAFETY NUTS SHALL BE TIGHTENED AFTER INSTALLATION.
ALL THREADED ROD IS NOT TO BE BENT OR FORMED.

SHEET INDEX - FIRE PROTECTION	
Sheet Number	Sheet Name
FP01	FIRE PROTECTION LEAD SHEET, TITLE & DETAIL
FP02	PUMP ROOM DETAIL
FP03	HYDRAULIC SITE PLAN
FP04	BUILDING SECTIONS (FOR REFERENCE ONLY)
FP11	AREA-100 FIRE SPRINKLER OVER HEAD PIPING PLAN
FP12	AREA-200 FIRE SPRINKLER OVER HEAD PIPING PLAN
FP13	AREA-300 FIRST FLOOR FIRE SPRINKLER OVER HEAD PIPING PLAN
FP14	AREA-400 FIRE SPRINKLER OVER HEAD PIPING PLAN
FP15	AREA-500 FIRE SPRINKLER OVER HEAD PIPING PLAN
FP16	AREA-300 SECOND FLOOR FIRE SPRINKLER OVER HEAD PIPING PLAN
FP17	AREA-600 FIRE SPRINKLER OVER HEAD PIPING PLAN
FP21	AREA-100 FIRE SPRINKLER REFLECTED CEILING PLAN
FP22	AREA-200 FIRE SPRINKLER REFLECTED CEILING PLAN
FP23	AREA-300 FIRST FLOOR FIRE SPRINKLER REFLECTED CEILING PLAN
FP24	AREA-400 FIRE SPRINKLER REFLECTED CEILING PLAN
FP25	AREA-500 FIRE SPRINKLER REFLECTED CEILING PLAN
FP26	AREA-300 SECOND FLOOR FIRE SPRINKLER REFLECTED CEILING PLAN
FP27	AREA-600 FIRE SPRINKLER REFLECTED CEILING PLAN



ZONE MAP



Sprinkler Design Data

Project Name:	NORTHWEST HARNETT ELEMENTARY SCHOOL	System:	2 WET SYSTEM
Project Street Address:	736 ROLLINS ROAD, FUQUAY VARINA, NC 27526	Sys. Sq. Ft.:	118,323
Suite:	Floor#: 2	Ceiling Height:	VARIES
Designed By:	CHRISTY LAMSON	Phone:	(919) 868-4050
Occupancy:	EDUCATIONAL	Hazard:	LIGHT HAZARD
		Total Bldg. Hgt.:	46'-3"

WATER FLOW INFORMATION

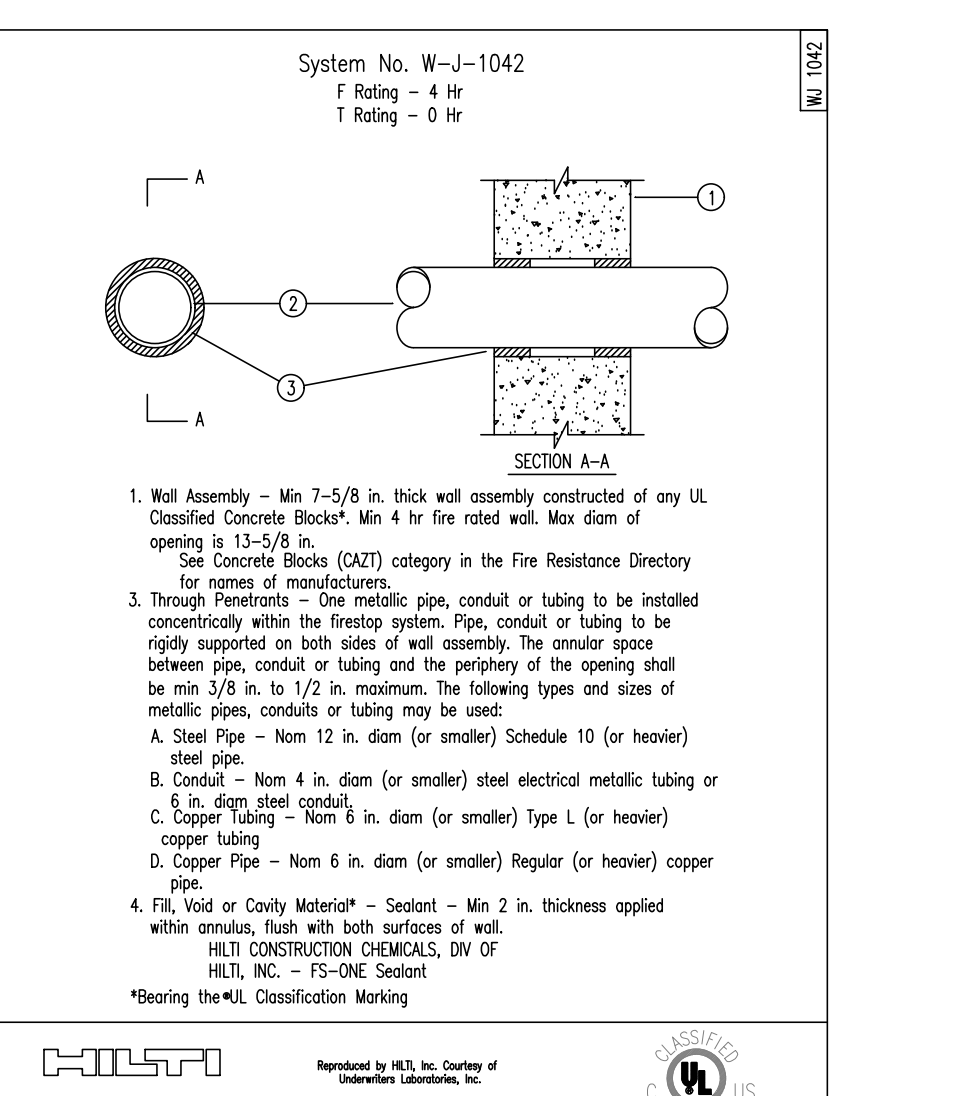
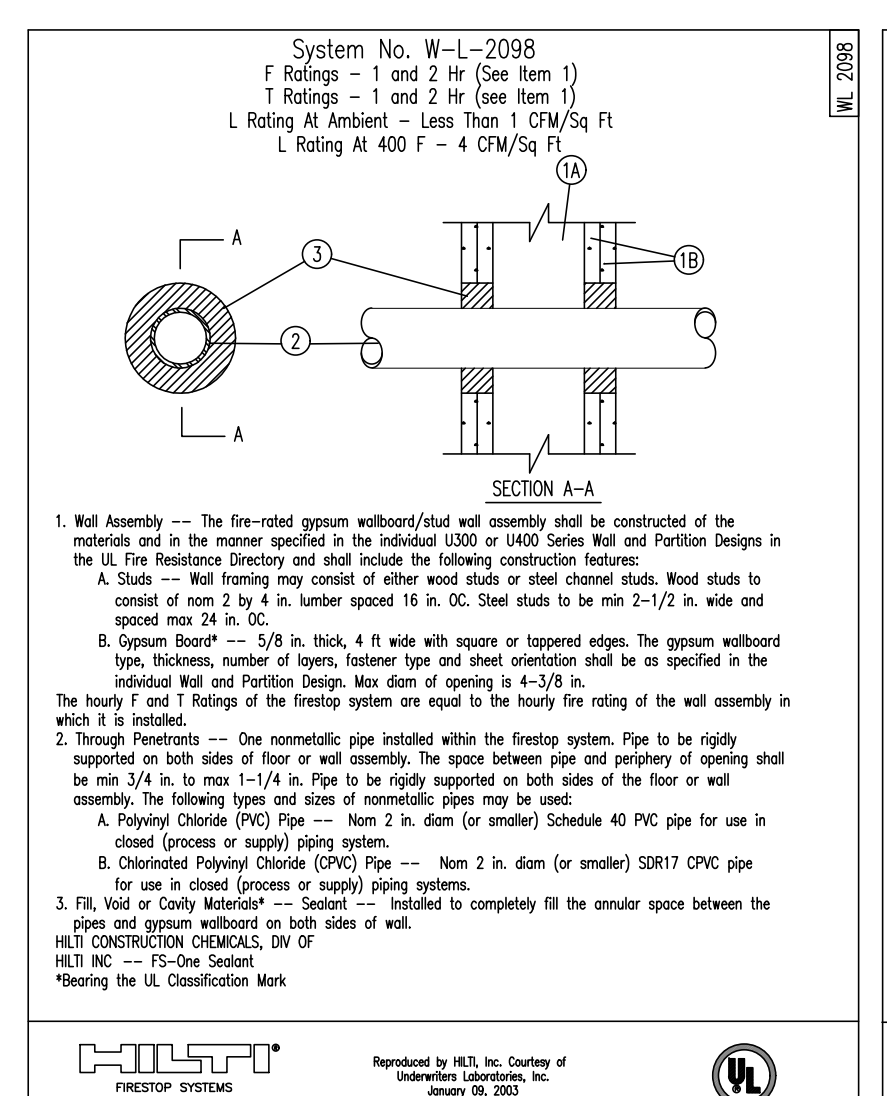
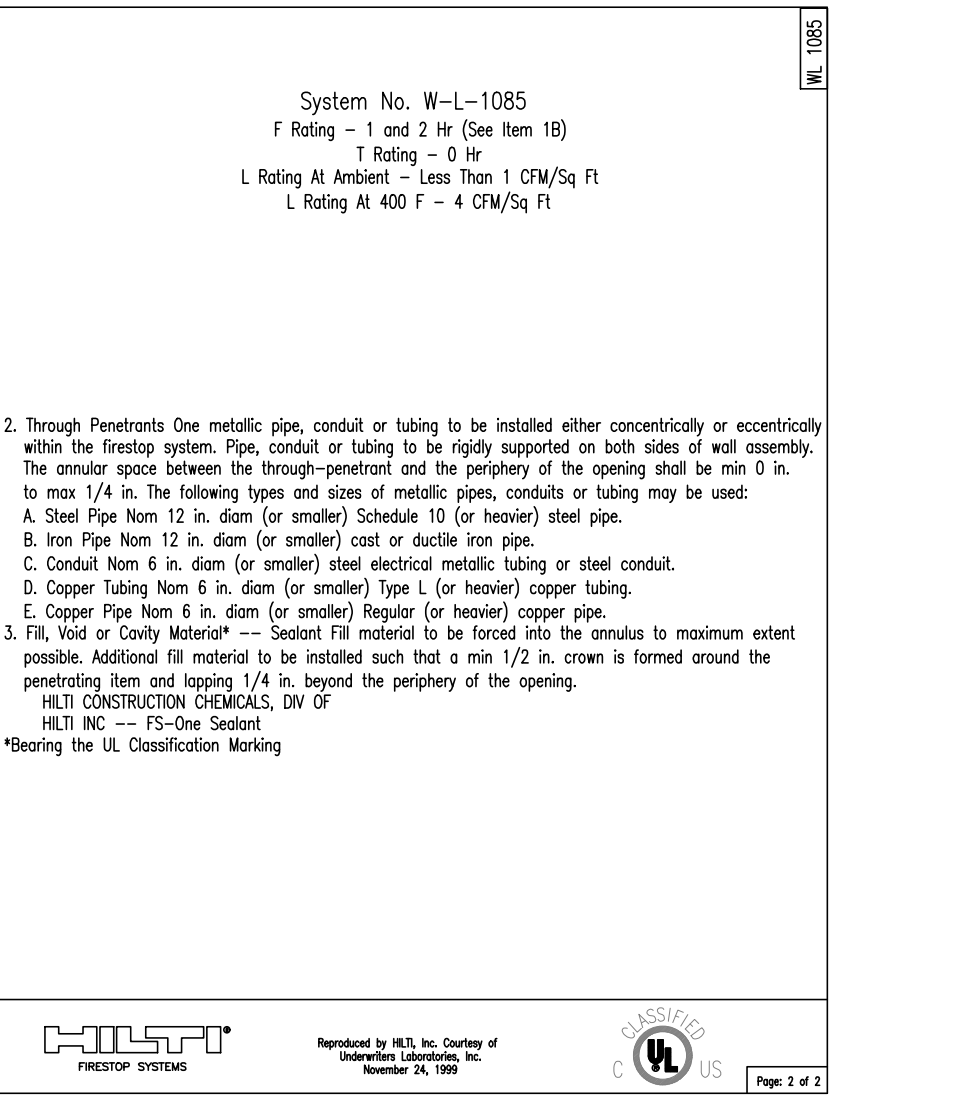
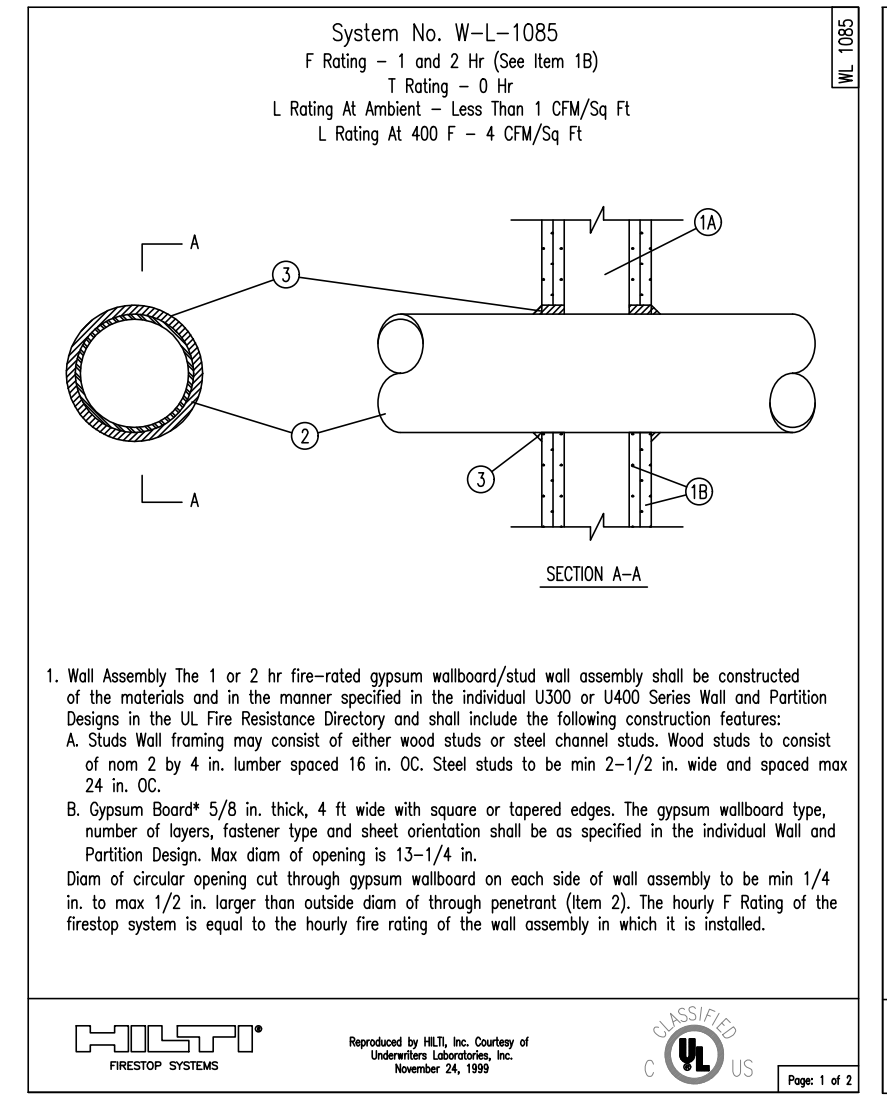
DATE OF TEST:	10/7/2020	DATA USE IN HYDRAULIC CALCULATION
CITY OR COUNTY:	FUQUAY VARINA	
STREET ADDRESS:	BETTS RD. & NC 42	
ELEVATION:	N/A	
STATIC PRESSURE:	68 PSI	58 PSI (-10 PSI)
RESIDUAL PRESSURE:	60 PSI	50 PSI (-10 PSI)
FLOW GPM:	840 GPM	756 GPM (-10%)
PERSON TESTING:	JACKSON MAPLES	
TIME OF TEST:	1:00 PM	

FIRE PUMP SCHEDULE

GPM	PSI	HP	VOLTS	PHASE	REMARKS
500	40	20	460	3	VERTICAL IN-LINE PUMP
5	50	.5	460	3	IN-LINE VERTICAL PRESSURE MAINTENANCE PUMP

Design Summary

	System#1 Zone-1	System#1 Zone-1	System#1 Zone-1	System#1 Zone-1	System#1 Zone-1	System#2 Zone-2	System#2 Zone-2	System#2 Zone-2	System#2 Zone-3	System#2 Zone-3	System#2 Zone-3	System#2 Zone-3
Design Method	CALCULATION	CALCULATION	CALCULATION	CALCULATION	CALCULATION	CALCULATION	CALCULATION	CALCULATION	CALCULATION	CALCULATION	CALCULATION	CALCULATION
Design Area #	AREA#1	AREA#2	AREA#3	AREA#4	AREA#5	AREA#6	AREA#7	AREA#8	AREA#9	AREA#10	AREA#11	AREA#12
Location	1ST GRADE 419	KITCHEN 108	DINING 101	MECH ABOVE 227	MECH 100	2ND-3RD GRADE 517	MUSIC 238	MECH ABOVE OFFICE213	4TH-5TH GRADE 617	4TH-5TH GRADE 614	MECH M-301	GYM 301
Type of System	WET	WET	WET	WET	WET	WET	WET	WET	WET	WET	WET	WET
Hazard Class	LIGHT HAZARD	OH-1	LIGHT HAZARD	OH-1	OH-2	LIGHT HAZARD	LIGHT HAZARD	OH-1	LIGHT HAZARD	LIGHT HAZARD	OH-1	LIGHT HAZARD
Criteria From	NFPA 13 2013	NFPA 13 2013	NFPA 13 2013	NFPA 13 2013	NFPA 13 2013	NFPA 13 2013	NFPA 13 2013	NFPA 13 2013	NFPA 13 2013	NFPA 13 2013	NFPA 13 2013	NFPA 13 2013
Design Area	1037 SQ.FT	993 SQ.FT	1597 SQ.FT	WHOLE AREA/908 SQ.FT	WHOLE AREA/895 SQ.FT	991 SQ.FT	1059 SQ.FT	WHOLE AREA/690 SQ.FT	1035 SQ.FT	978 SQ.FT	WHOLE AREA/899 SQ.FT	1604 SQ.FT
Sprinkler Spacing	324 SQ.FT MAX	130 SQ.FT MAX	225 SQ.FT MAX	130 SQ.FT MAX	130 SQ.FT MAX	324 SQ.FT MAX	130 SQ.FT MAX	130 SQ.FT MAX	324 SQ.FT MAX	225 SQ.FT MAX	130 SQ.FT MAX	225 SQ.FT MAX
Density	.10 GPM	.15 GPM	.1 GPM	.15 GPM	.2 GPM	.1 GPM	.1 GPM	.15 GPM	.1 GPM	.1 GPM	.15 GPM	.1 GPM
K-factor	5.6K	5.6K	5.6K	5.6K	5.6K	5.6K	5.6K	5.6K	5.6K	5.6K	5.6K	5.6K
Hose Allowance	H150	H250	H100	H250	H100	H250	H100	H250	H100	H250	H100	H100
# Design Sprinklers	8 HEADS	10 HEADS	11 HEADS	11 HEADS	12 HEADS	6 HEADS	9 HEADS	9 HEADS	6 HEADS	6 HEADS	10 HEADS	10 HEADS
Special Application Spk.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Requirement @	TEST	TEST	TEST	TEST	TEST	TEST	TEST	TEST	TEST	TEST	TEST	TEST
G.P.M. Req'd	340.085 GPM	477.155 GPM	283.656 GPM	483.170 GPM	582.363 GPM	297.747 GPM	295.959 GPM	429.199 GPM	258.623 GPM	231.274 GPM	445.991 GPM	307.095 GPM
P.S.I. Req'd	45.721 PSI	37.872 PSI	26.831 PSI	49.229 PSI	53.452 PSI	46.173 PSI	45.198 PSI	48.547 PSI	41.517 PSI	41.517 PSI	44.260 PSI	43.130 PSI
Safety Factor @	TEST	TEST	TEST	TEST	TEST	TEST	TEST	TEST	TEST	TEST	TEST	TEST
Safety Factor (PSI)	+10.45 PSI	+16.71 PSI	+29.86 PSI	+5.28 PSI	+13.68 PSI	+3.11 PSI	+10.42 PSI	+10.00 PSI	+8.35 PSI	+15.59 PSI	+10.73 PSI	+13.36 PSI
Data on sheet #	FP14	FP11	FP11	FP12	FP11	FP15	FP12	FP12	FP17	FP17	FP12	FP16
Dry Sys. Volume (gal)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A



Harnett County School Northwest Harnett Elementary School

736 Rollins Road, Fuquay Varina, NC 27526

Owner or Occupant
Harnett County School
Dr. Aaron Fleming
1008 South 11th Street, Lillington, NC 27546
(919) 573-6350

ARCHITECT
SL+Architectx
333 Fayetteville Street, Suite 225
Raleigh, NC 27601
(919) 573-6350

Job Site Address
Northwest Harnett Eelemtry School
736 Rollins Road, Fuquay-Varina, NC 27526

Job Site Contact
METCON
Melanie Ziemniak
3050 Hammond Business Place, Suite 121
Pembroke, NC 28372
(910) 521-8013

Authority Having Jurisdiction
Harnett County Fire Marshall

Fire Protection Contact
ABL Fire Protection, LLC
Design: Christy Lamson
300 Hokes Street, Raleigh, North Carolina 27601
(919) 868-4050

KEYPLAN

ABL FIRE PROTECTION, LLC
300 HOKES STREET, RALEIGH
NORTH CAROLINA 27601
Phone: (919) 835-2225
Fax: (919) 835-2210

Contractor Seal
Art K. Lamson, Jr.

Arthur K. Lamson, Jr. N.I.C.E.T. Level III #20462 FES

I certify that to the best of my knowledge this plan, prepared under my supervision, is in accordance with applicable NFPA standards, current building codes.

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CONTRACT NO.	4070

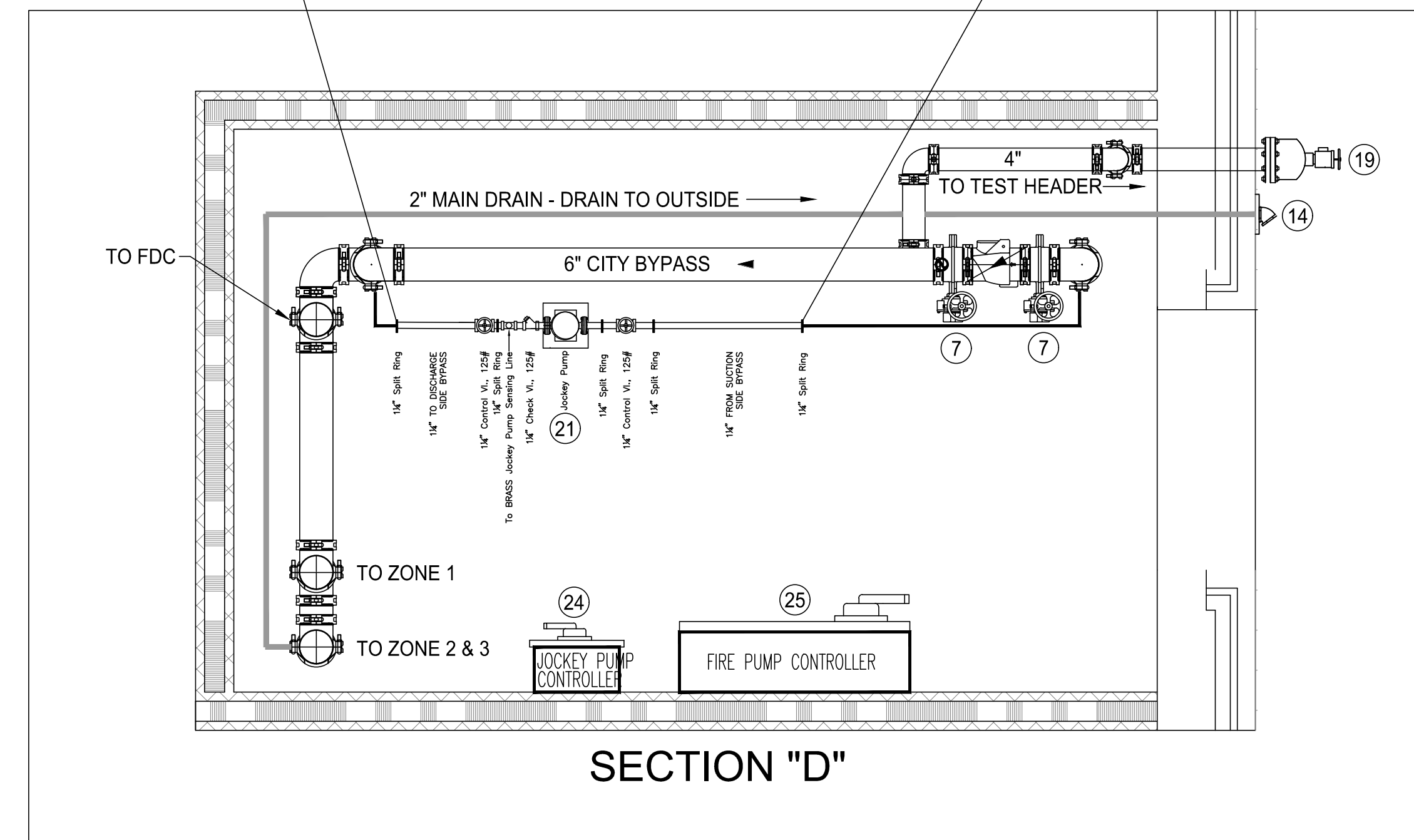
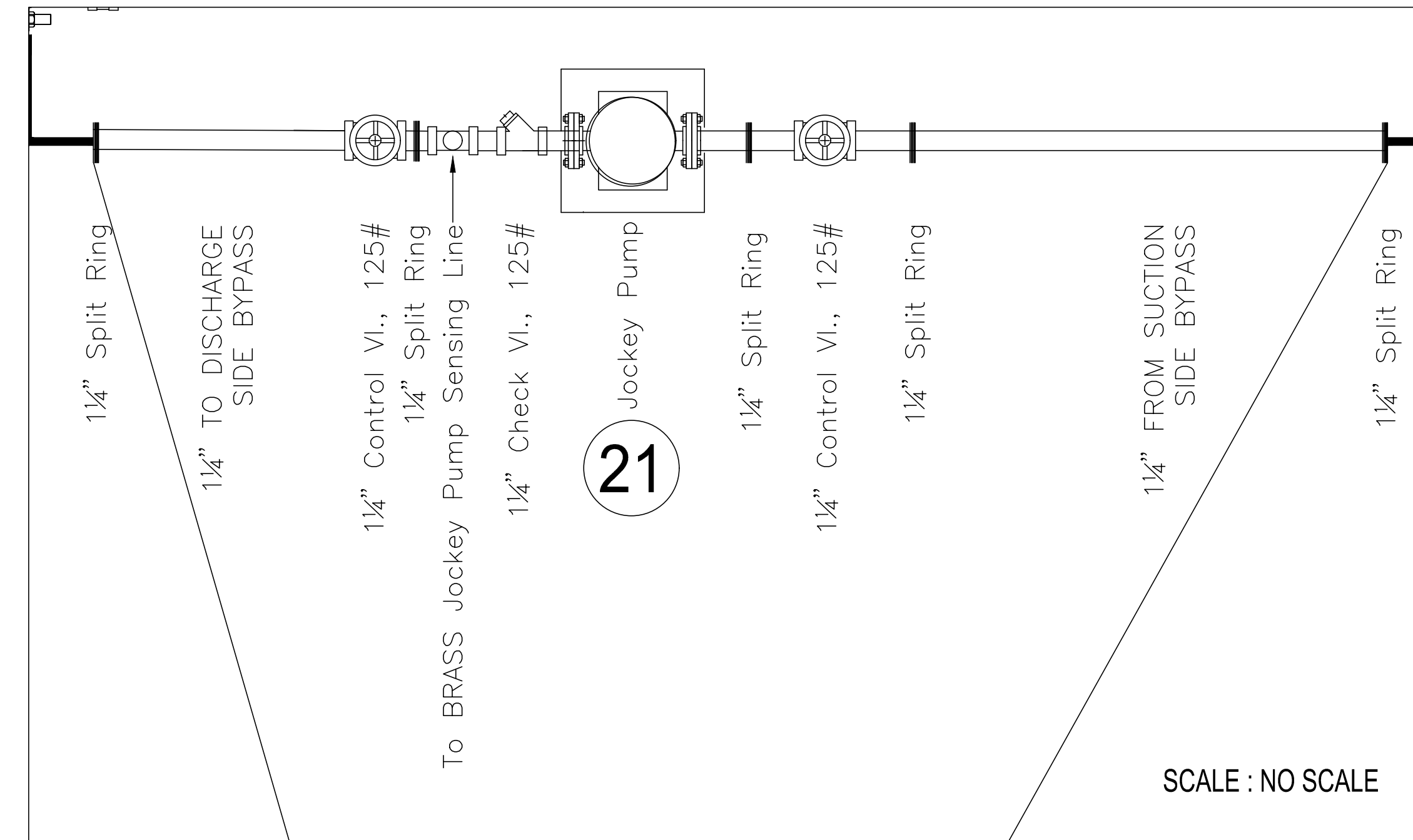
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1 SUBMITTAL DRAWING		04/28/22	CL

SHEET TITLE
TITLE & DETAILS

SHEET NUMBER
FP01

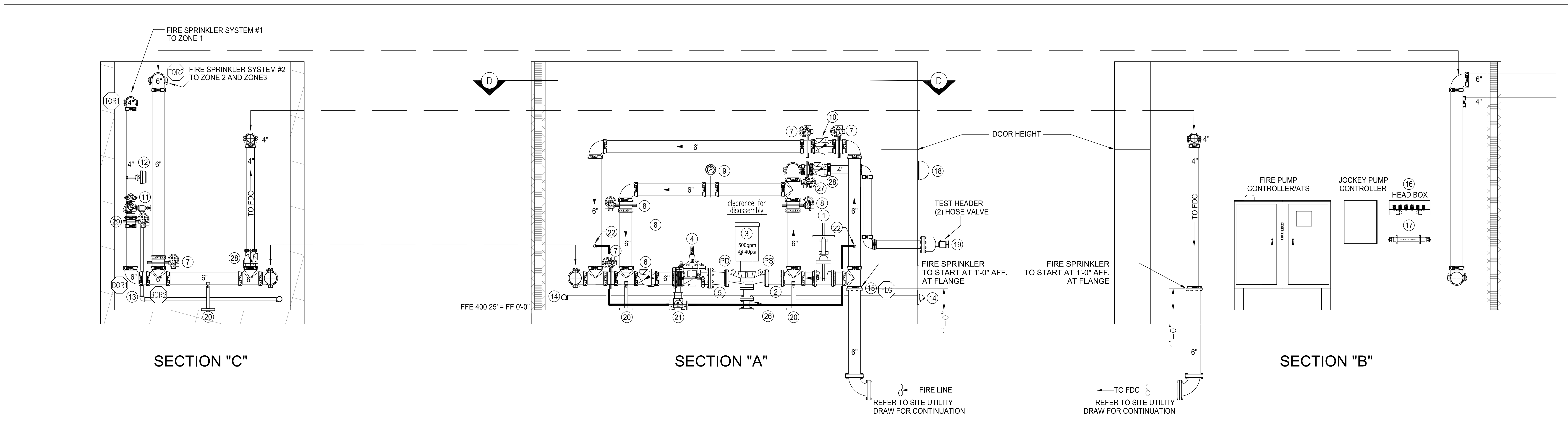
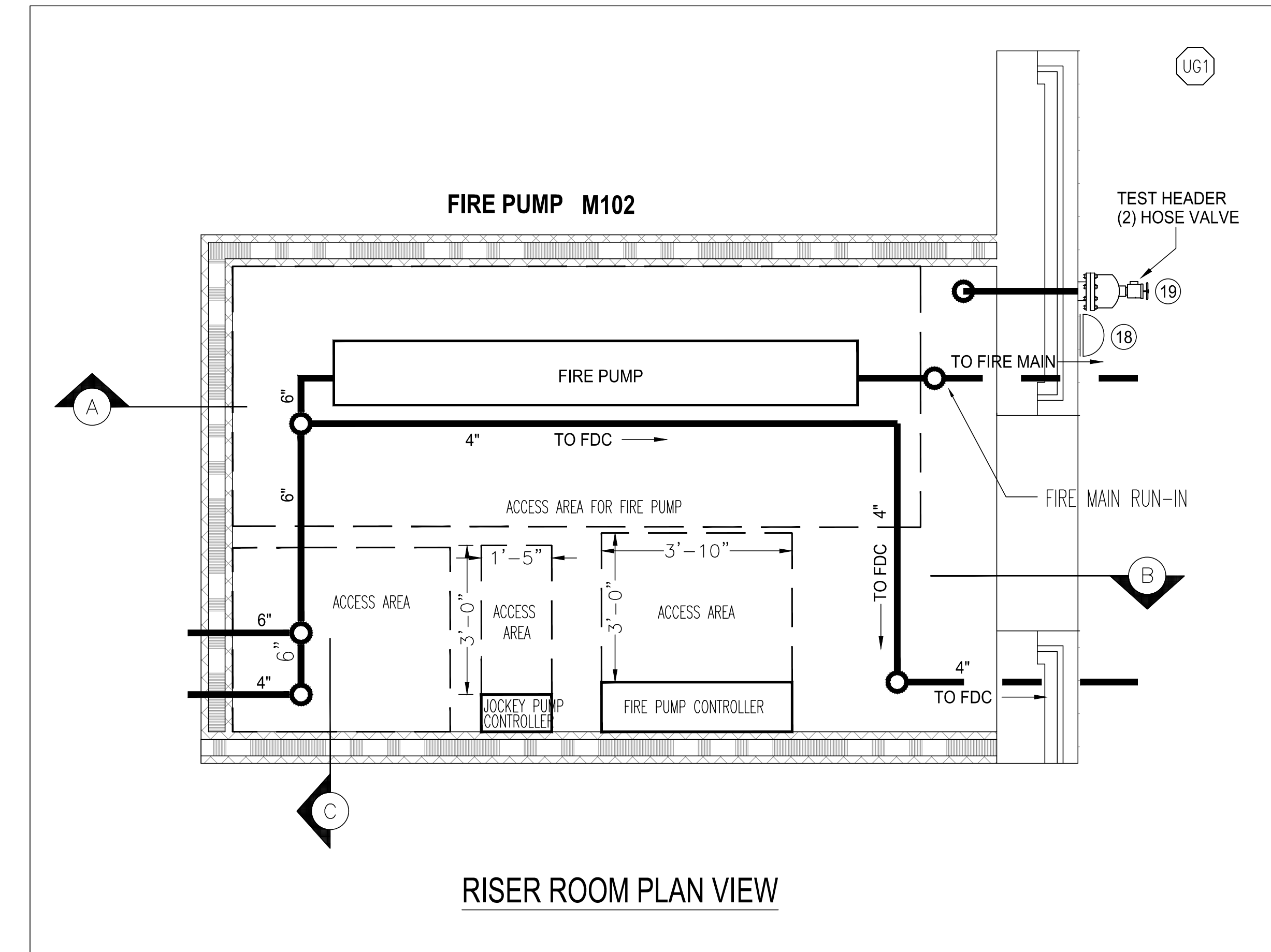
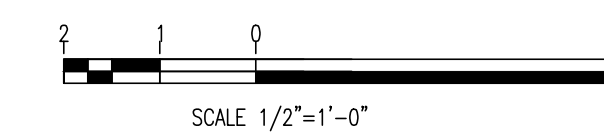
RISER ROOM MATERIAL LIST

- 1 6" OS&Y GATE VALVE
- 2 6"x4" ECCENTRIC REDUCER ON SUCTION SIDE OF PUMP
- 3 FAIRBANKS 4"x4" 1591CF VERTICAL IN-LINE FIRE PUMP
500 GPM @ 40 PSI
- 4 4" SUCTION CONTROL VALVE (CAL-VAL MODEL 50B-5KG)
- 5 4"x6" CONCENTRIC REDUCER ON DISCHARGE SIDE OF PUMP
- 6 6" SWING CHECK VALVE W/RESILIENT SEAT
- 7 6" NORMALLY OPEN BUTTERFLY VALVE WITH TAMPER SWITCH
- 8 6" NORMALLY CLOSED BUTTERFLY VALVE WITH TAMPER SWITCH
- 9 FLOW METER BYPASDS - TO TEST HEADER(S)
- 10 6" SWING CHECK VALVE
- 11 4" RISER CHECK VALVE WITH PRESSURE GAUGES
- 12 4" FLOW SWITCH
- 13 2" SYSTEM DRAIN TO FLOOR AND CONTROL VALVE
- 14 2" MAIN DRAIN DISCHARGE OUTSIDE
- 15 FLANGED
- 16 SPARE HEAD CABINET (12 CAPACITY) w/ WRENCH
- 17 AS BUILT DRAWING IN PVC TUBE
- 18 ELECTRIC BELL
- 19 4" FIRE PUMP TEST HEADER; (2) HOSE VALVE
- 20 PIPE STAND
- 21 JOCKEY PUMP: FAIRBANKS MORSE PVM1-5: 5 GPM @ 50 PSI, .5HP - 3/60/460 VOLT
JOCKEY PUMP CONTROL: EATON XTJP-.5D
- 22 1-1/4" PIPING TO/FROM JOCKEY PUMP
- 23 1/2" BRASS PIPING TO FIRE PUMP CONTROLLER (SENSING LINE)
- 24 JOCKEY PUMP CONTROLLER
- 25 "SOFT-START" FIRE PUMP CONTROLLER
- 26 3" x 1'-0 1/2" FxF SCH-40 PIPE
- 27 4" NORMALLY CLOSED BUTTERFLY VALVE WITH TAMPER SWITCH
- 28 4" SWING CHECK VALVE
- 29 4" NORMALLY OPEN BUTTERFLY VALVE WITH TAMPER SWITCH



SPRINKLER RISER ROOM

SCALE 1/2" = 1'-0" UNO



Harnett County School
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Owner or Occupant
Harnett County School
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1008 South 11th Street,
Lillington, NC 27546
(919) 573-6350

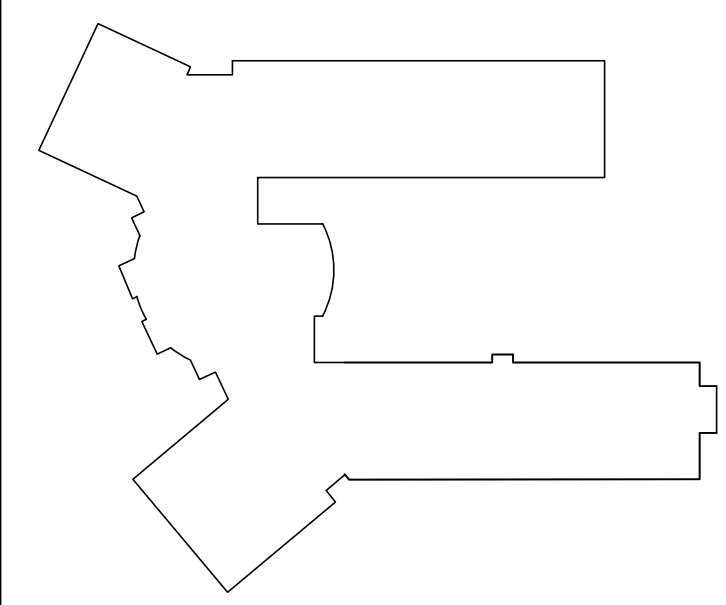
ARCHITECT
SFL+Architect
333 Fayetteville Street, Suite 225
Raleigh, NC 27601
(919) 573-6350

Job Site Address
Northwest Harnett Elementary School
736 Rollins Road,
Fuquay-Varina, NC 27526

Job Site Contact
METCON
Malenie Ziemniak
3050 Hammond Business Place, Suite 121
Pembroke, NC 28372
(910) 521-8013

Authority Having Jurisdiction
Harnett County Fire Marshall

Fire Protection Contact
ABL Fire Protection, LLC
Design: Christy Lamson
300 Hoke Street, Raleigh,
North Carolina 27601
(919) 868-4050



KEYPLAN



ABL FIRE PROTECTION, LLC
300 HOKE STREET, RALEIGH
NORTH CAROLINA 27601
Phone: (919) 835-2225
Fax: (919) 835-2210

Contractor Seal
Arthur K. Lamson, Jr.
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SPRINKLERS ON JOBS	
CONTRACT NO.	4070

DESCRIPTION	REV	DATE	BY
1 SUBMITTAL DRAWING		04/28/22	CL

SHEET TITLE
RISER ROOM DETAILS

SHEET NUMBER
FP02

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Elementary School**

736 Rollins Road,
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**Owner or Occupant
Harnett County School**

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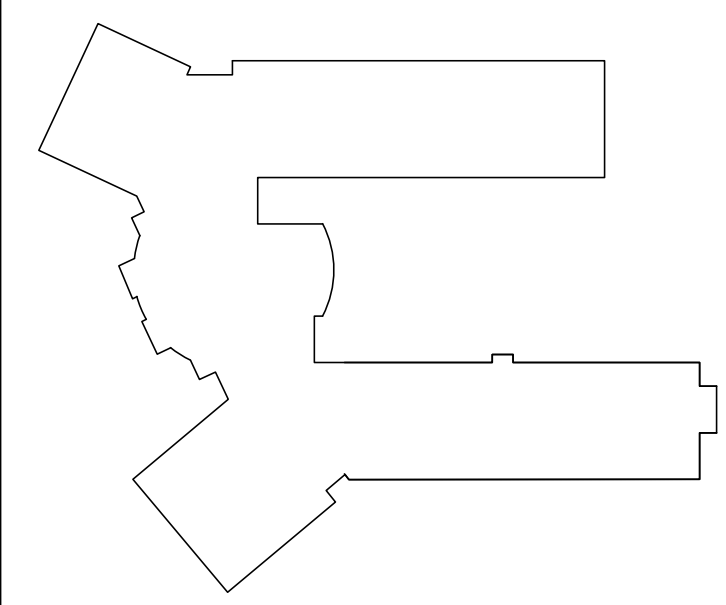
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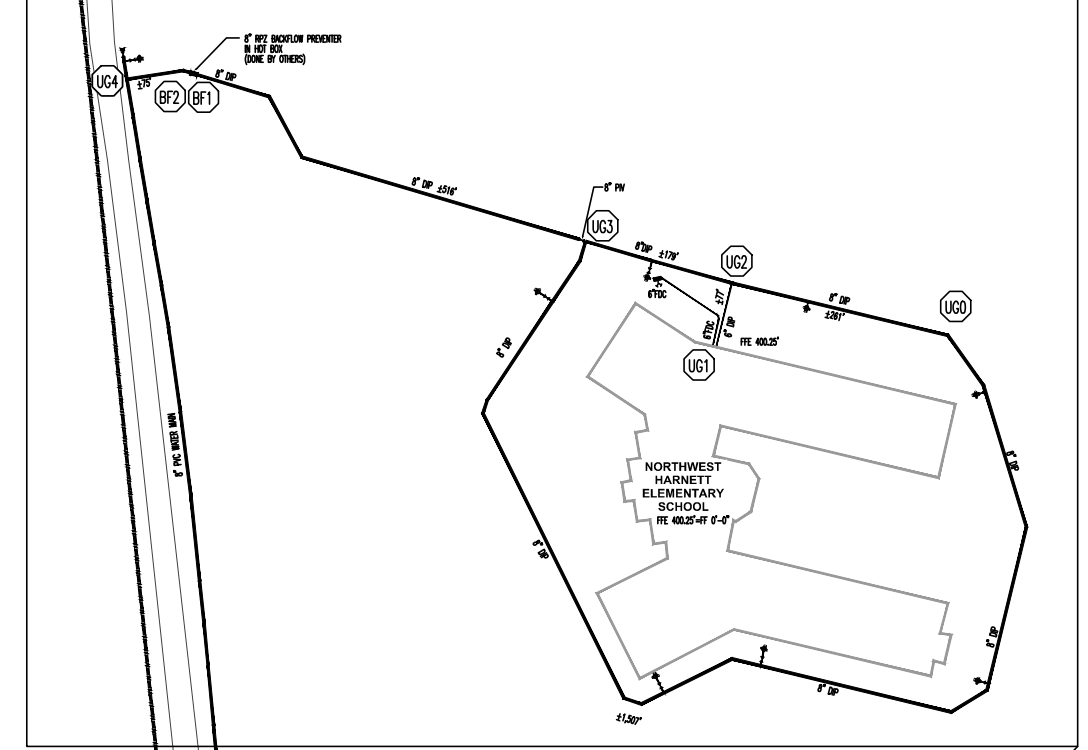
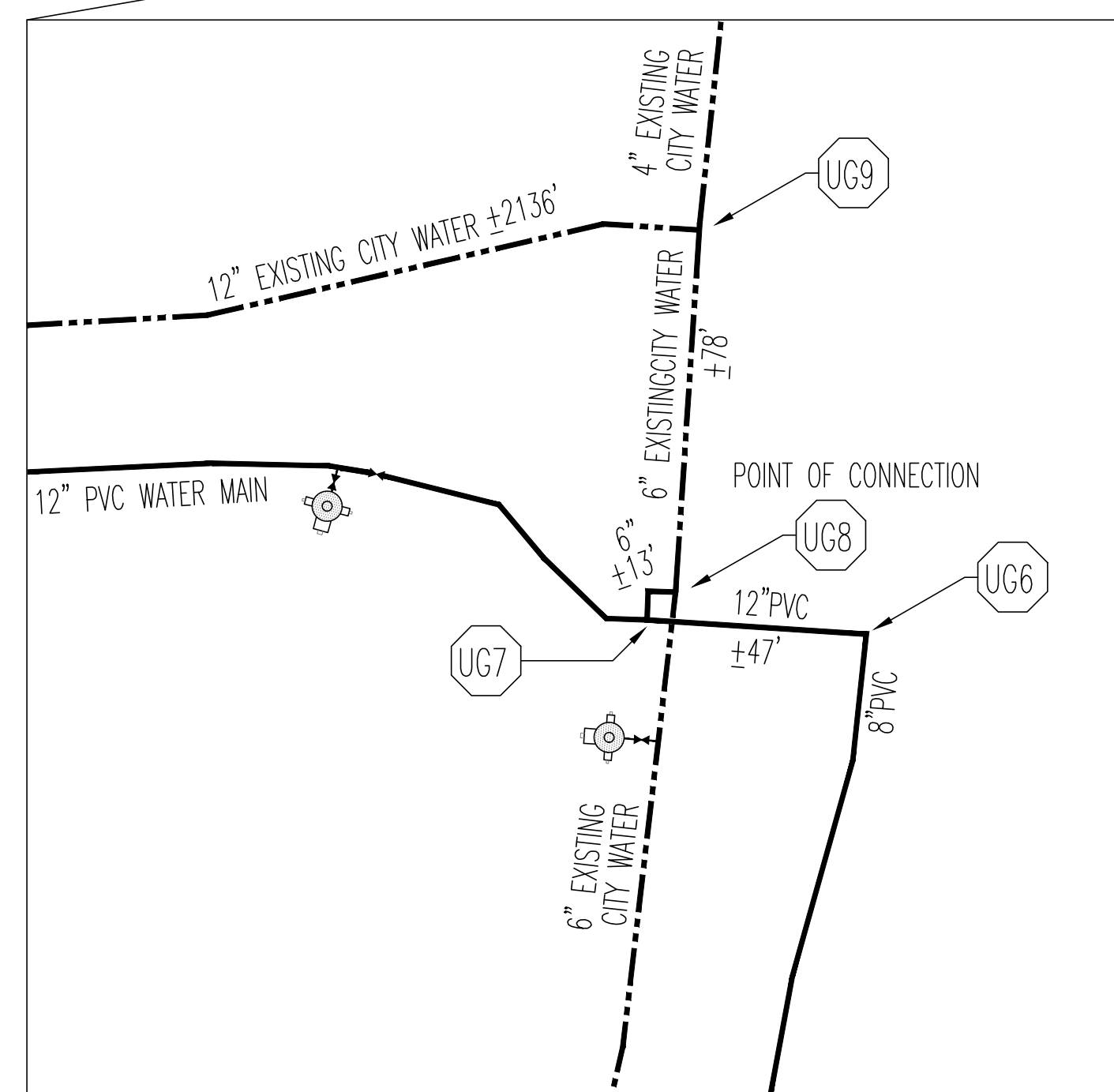
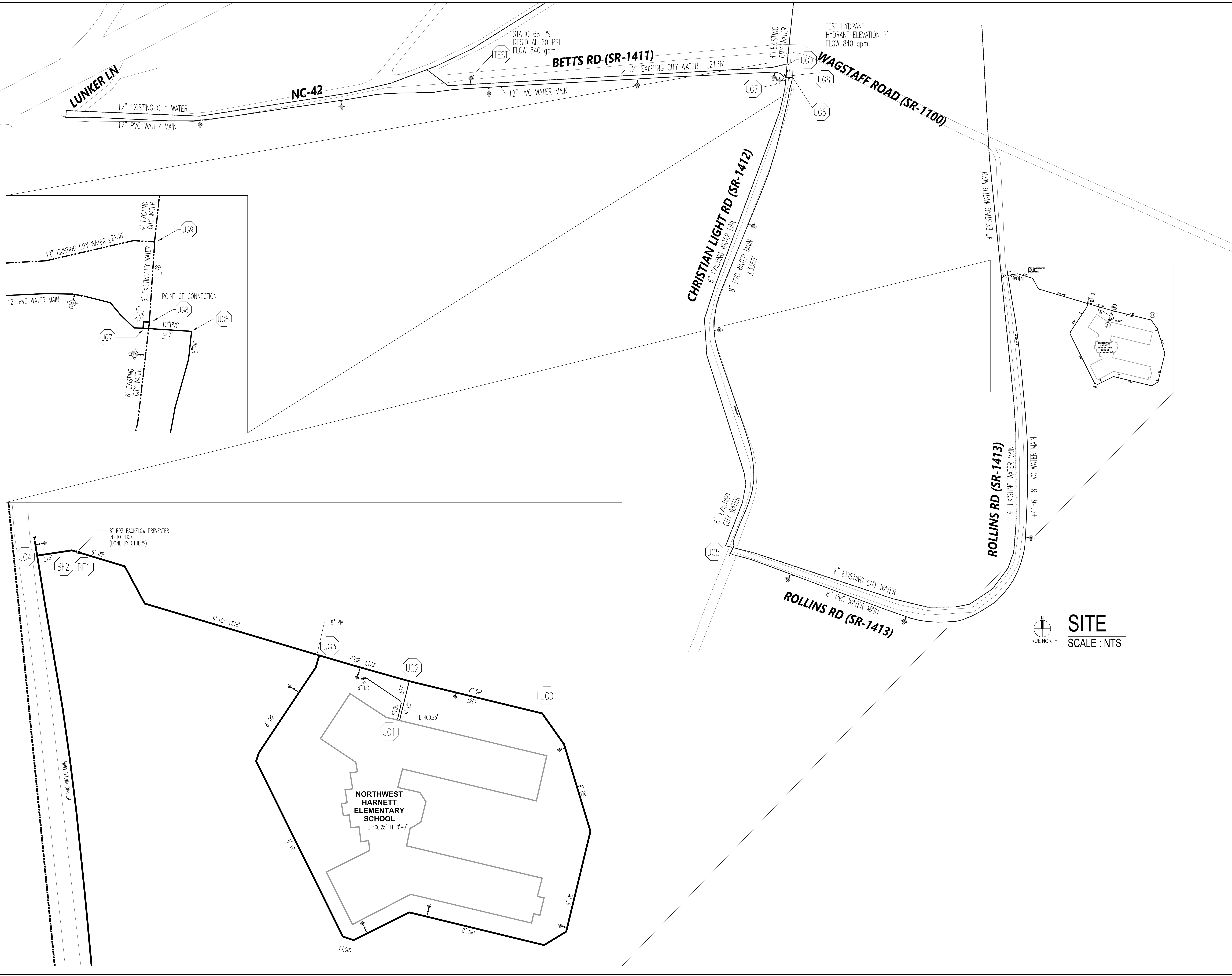
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**SHEET TITLE
HYDRAULIC
SITE PLAN**

SHEET NUMBER
FP03



**SITE
SCALE : NTS**

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Owner or Occupant
Harnett County School
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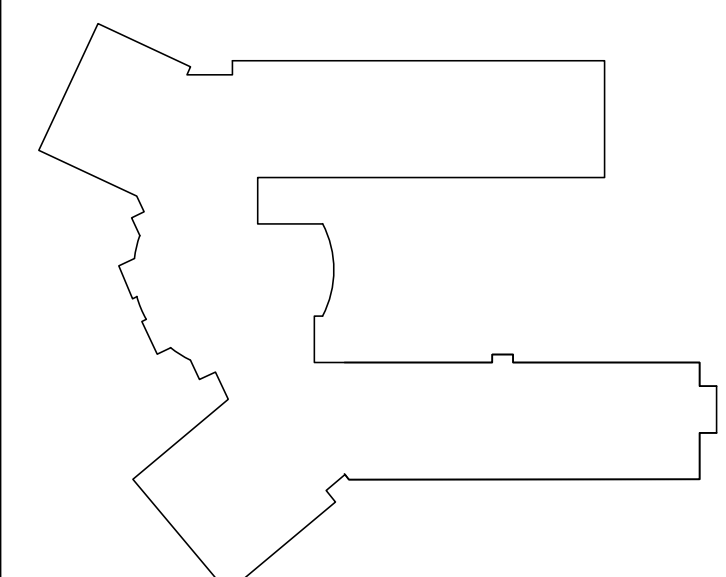
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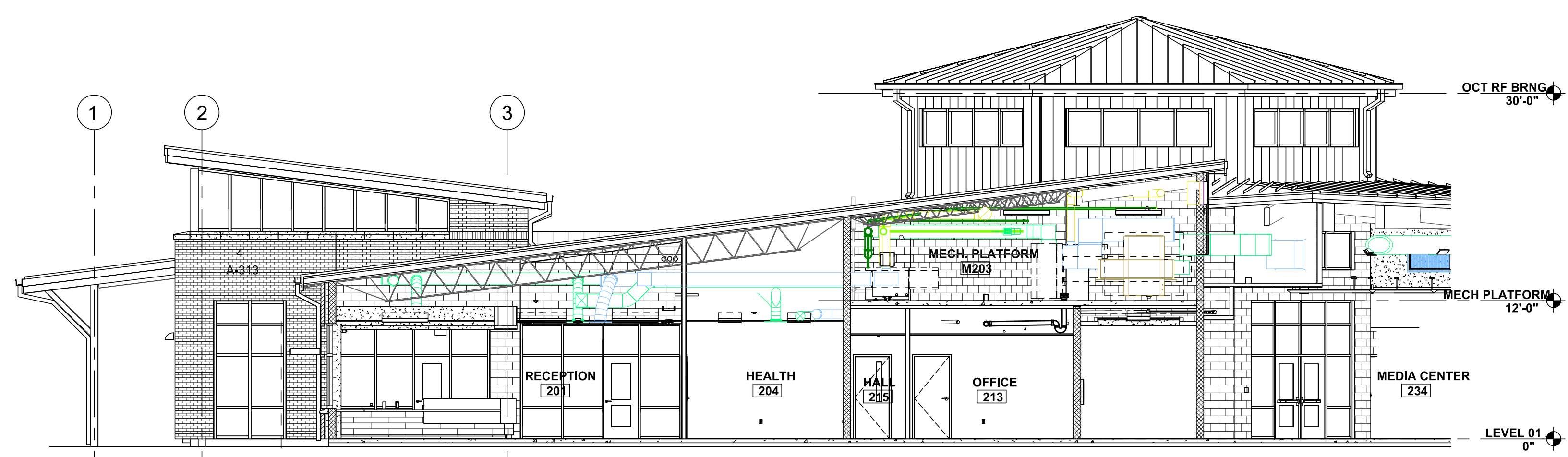
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SPRINKLERS ON JOBS	
CONTRACT NO.	4070

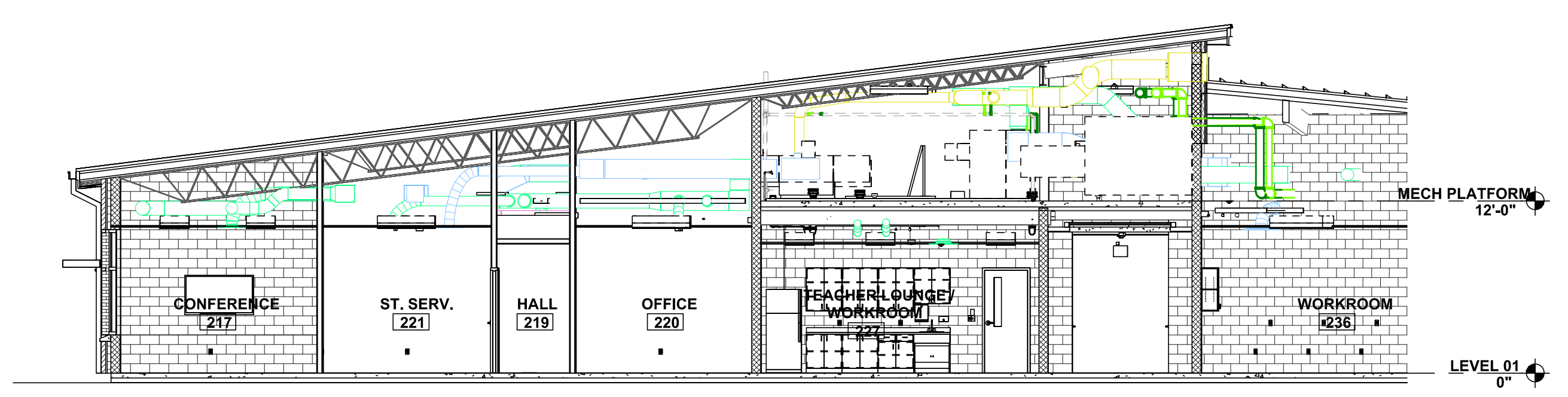
DESCRIPTION	REV	DATE	BY
1 SUBMITTAL DRAWING		04/28/22	CL

SHEET TITLE
BUILDING SECTIONS

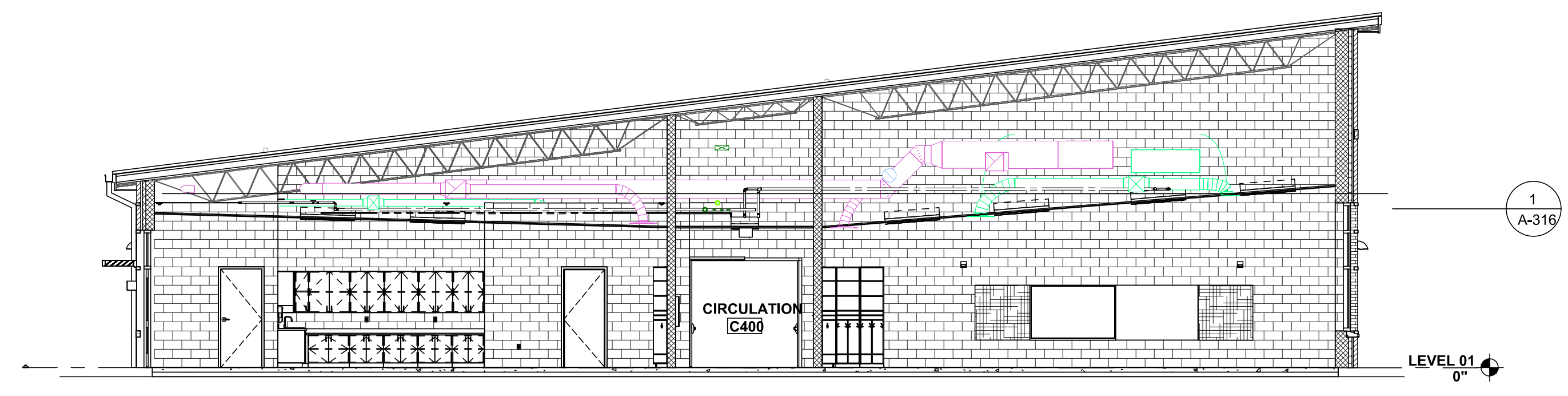
SHEET NUMBER
FP04



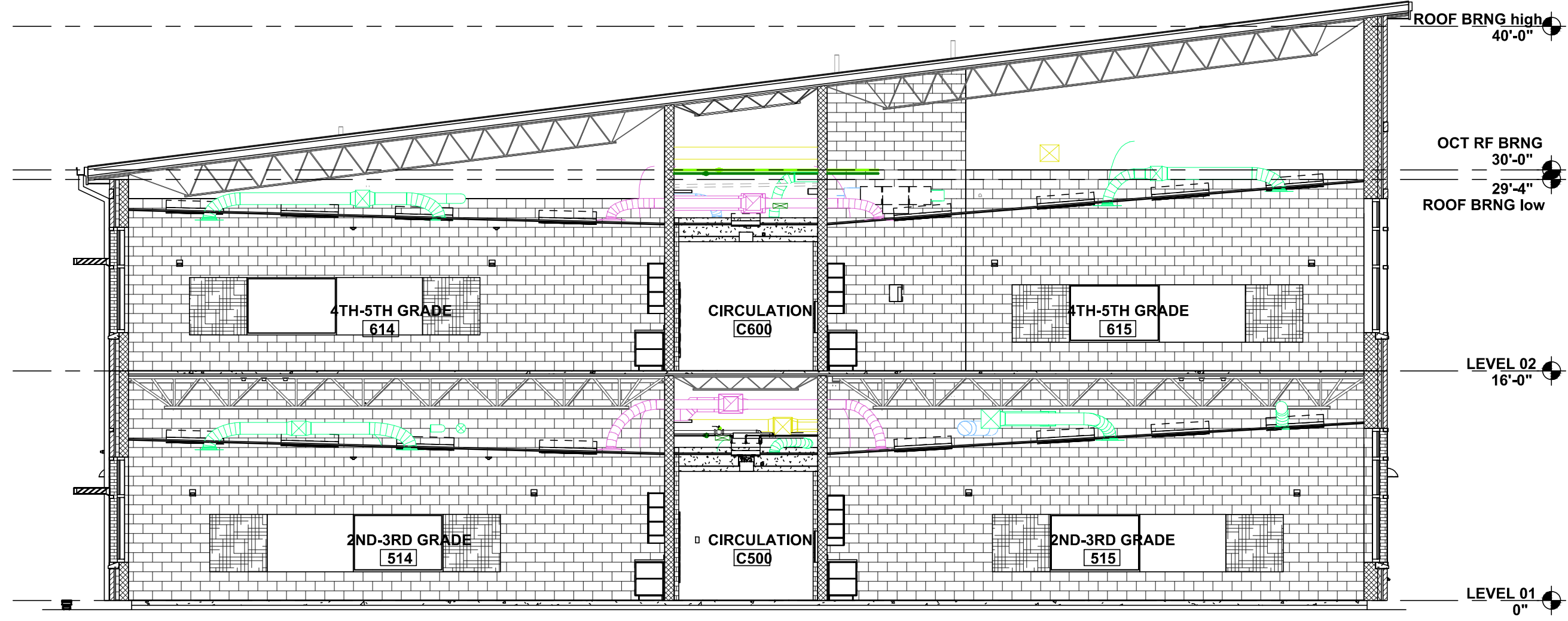
3 BUILDING SECTION - RECEPTION / ADMIN
A-301 SCALE: 1/8" = 1'-0"
FOR REFERENCE ONLY BUILDING SECTIONS - AREA 100/200 **A-301**



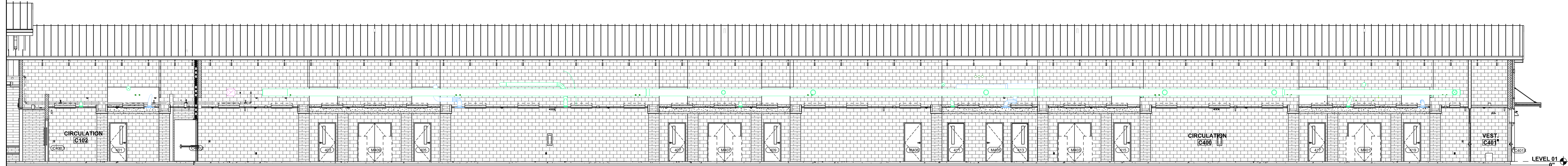
4 AREA 200 - GUIDANCE
A-301 SCALE: 1/8" = 1'-0"
FOR REFERENCE ONLY BUILDING SECTIONS - AREA 100/200 **A-301**



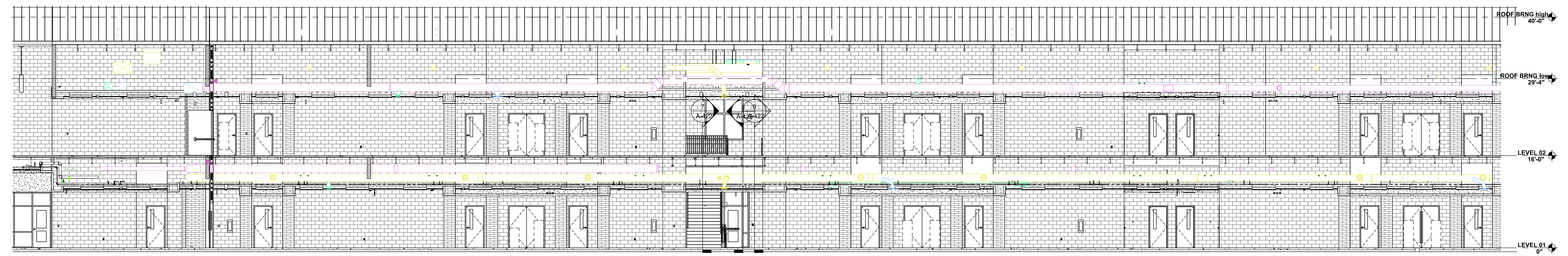
4 CLASSROOM - 1 STORY
A-303 SCALE: 1/8" = 1'-0"
FOR REFERENCE ONLY BUILDING SECTIONS - CLASSROOMS **A-303**



2 CLASSROOM 2 STORY - TEACHING WALL
A-303 SCALE: 1/8" = 1'-0"
FOR REFERENCE ONLY BUILDING SECTIONS - CLASSROOMS **A-303**



5 BUILDING SECTION - CIRCULATION C400
A-303 SCALE: 1/8" = 1'-0"
FOR REFERENCE ONLY BUILDING SECTIONS - CLASSROOMS **A-303**



1 Section 2 STORY CLASSROOM
A-303 SCALE: 1/8" = 1'-0"
FOR REFERENCE ONLY BUILDING SECTIONS - CLASSROOMS **A-303**

**Harnett County School
Northwest Harnett
Elementary School**

736 Rollins Road,
Fuquay Varina, NC 27526

Owner or Occupant
Harnett County School
Dr. Aaron Fleming
1008 South 11th Street,
Lillington, NC 27546
(919) 573-6350

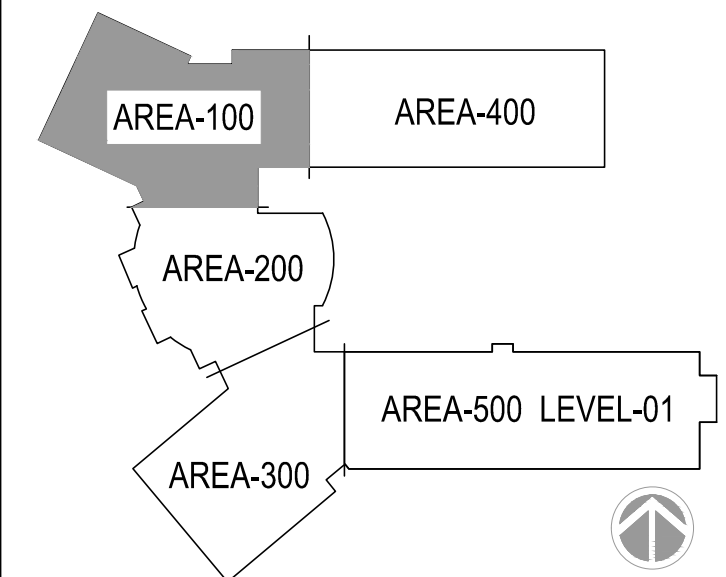
ARCHITECT
SL+ Architects
333 Fayetteville Street, Suite 225
Raleigh, NC 27601
(919) 573-6350

Job Site Address
Northwest Harnett Elementary School
736 Rollins Road,
Fuquay-Varina, NC 27526

Job Site Contact
METCON
Malanie Ziemniak
3050 Hammond Business Place, Suite 121
Pembroke, NC 28372
(910) 521-8013

Authority Having Jurisdiction
Harnett County Fire Marshall

Fire Protection Contact
ABL Fire Protection, LLC
Design: Christy Lamson
300 Hoke Street, Raleigh,
North Carolina 27601
(919) 868-4050



KEYPLAN



ABL FIRE PROTECTION, LLC
300 HOKE STREET, RALEIGH
NORTH CAROLINA 27601
Phone: (919) 835-2225
Fax: (919) 835-2210

Contractor Seal
Art K. Lamson, Jr.
Arthur K. Lamson, Jr. N.I.C.E.T. Level III #20462 FS

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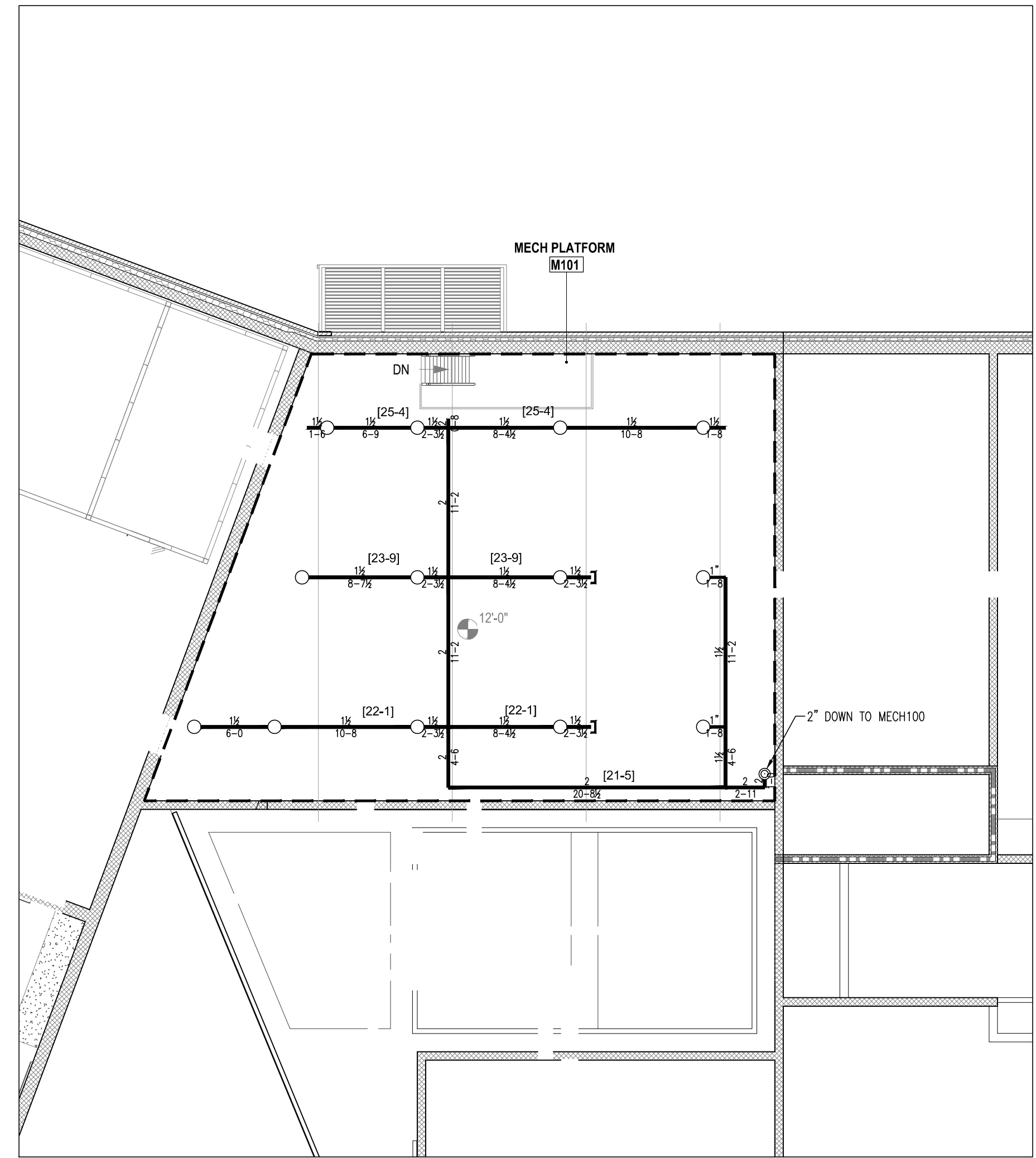
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DRAWN BY	CHRISTY LAMSON
DATE	04/19/2022
SCALE	1/8" = 1'-0" UNO
SPRINKLERS ON JOBS	979
CONTRACT NO.	4070

DESCRIPTION	REV DATE	BY
1 SUBMITTAL DRAWING	04/28/22	CL

SHEET TITLE
AREA 100
FIRE SPRINKLER
OVER HEAD PIPING
PLAN

SHEET NUMBER
FP11

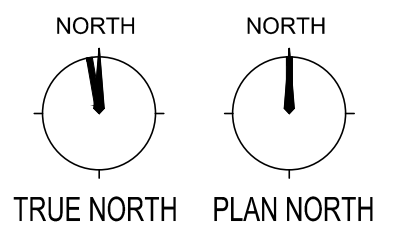


AREA 100 MEZZANINE - FIRE SPRINKLER OVER HEAD PIPING PLAN
SCALE 1/8" = 1'-0"



AREA 100 - FIRE SPRINKLER OVER HEAD PIPING PLAN
SCALE 1/8" = 1'-0"

TYPES OF SPRINKLERS OR EQUAL										
SYM.	MAKE	MODEL	SIN. NO.	SIZE	FINISH	TEMP.	TYPE	K=	ESCUICHEON	QUAN.
●	TYCO	QR CONCEALED PENDENT RFII	TY3531	1/2"	WHITE	155°	PENDENT	5.6	WHITE	310
○	TYCO	QR CONCEALED PENDENT RFII	TY3531	1/2"	WHITE	200°	PENDENT	5.6	WHITE	16
●	TYCO	QR EC CONCEALED PENDENT RFII	TY3532	1/2"	BRASS	155°	PENDENT	5.6	WHITE	226
○	TYCO	QR RECESS PENDENT TY-FRB	TY3231	1/2"	WHITE	286°	PENDENT	5.6	WHITE	2
○	TYCO	QR UPRIGHT TY-FRB	TY3131	1/2"	BRASS	155°	UPRIGHT	5.6		139
●	TYCO	QR DRY PENDENT DS-1	TY3235	1"	WHITE	155°	PENDENT	5.6	WHITE	4
○	TYCO	QR HORIZONTAL SIDE WALL TY-FRB	TY3331	1/2"	BRASS	155°	HSW	5.6		2
TOTAL AMOUNT FOR LEVEL-1:										699



FIRE SPRINKLERS LEGEND:

- Hydraulic Reference Points
- 4 PT-IN Elev. Above Finished Floor
- 10 PT-IN Ceiling Height
- Denotes Hanger Location
- Rise up or down
- Rigid Coupling
- Low Point Drain

**Harnett County School
Northwest Harnett
Elementary School**

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Fuquay Varina, NC 27526

Owner or Occupant
Harnett County School
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1008 South 11th Street,
Lillington, NC 27546
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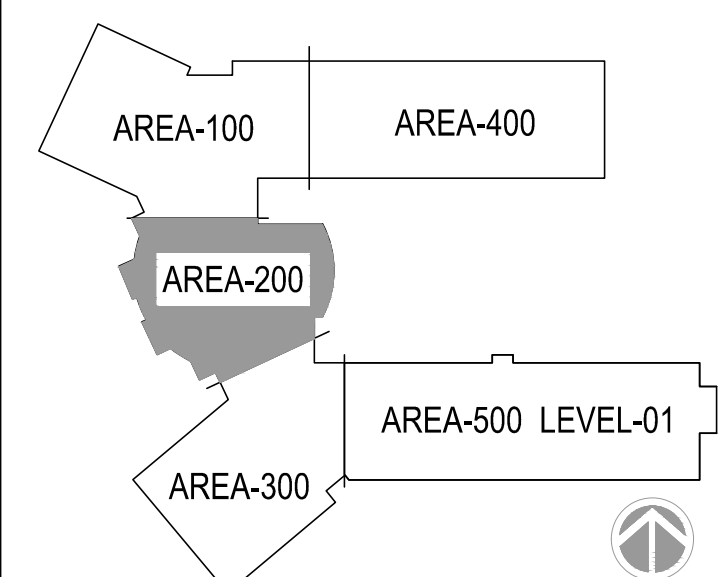
ARCHITECT
SFL+Architect
333 Fayetteville Street, Suite 225
Raleigh, NC 27601
(919) 573-6350

Job Site Address
Northwest Harnett Elementary School
736 Rollins Road,
Fuquay-Varina, NC 27526

Job Site Contact
METCON
Malenie Ziemniak
3050 Hammond Business Place, Suite 121
Pembroke, NC 28372
(910) 521-8013

Authority Having Jurisdiction
Harnett County Fire Marshall

Fire Protection Contact
ABL Fire Protection, LLC
Design: Christy Lamson
300 Hoke Street, Raleigh,
North Carolina 27601
(919) 835-2210



KEYPLAN



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300 HOKE STREET, RALEIGH
NORTH CAROLINA 27601
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Contractor Seal
Art K. Lamson, Jr.
Arthur K. Lamson, Jr. N.I.C.E.T. Level III #20462 FS

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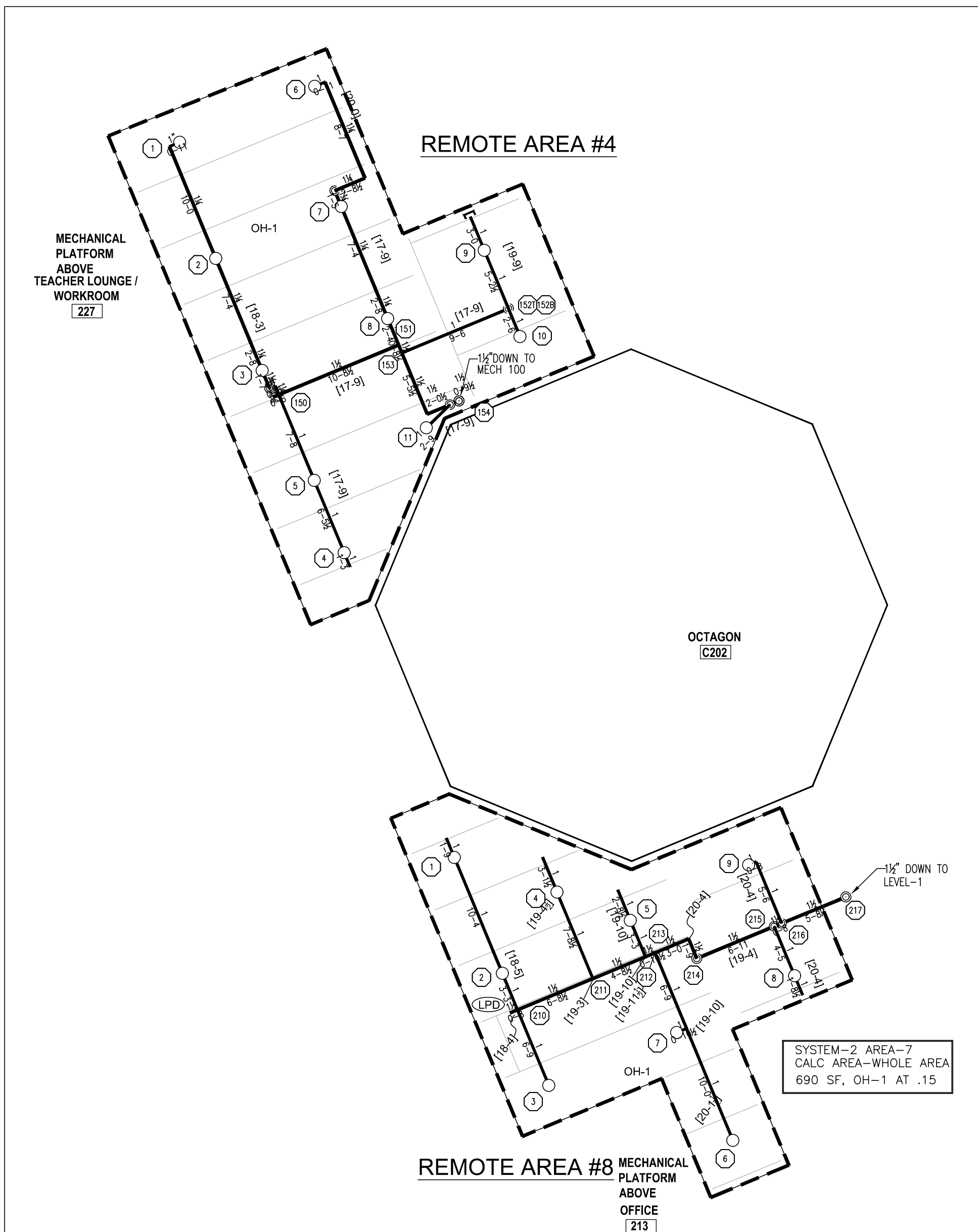
DRAWN BY	CHRISTY LAMSON
DATE	04/19/2022
SCALE	1/8" = 1'-0" UNO
SPRINKLERS ON JOBS	979
CONTRACT NO.	4070

DESCRIPTION	REV DATE	BY
1 SUBMITTAL DRAWING	04/28/22	CL

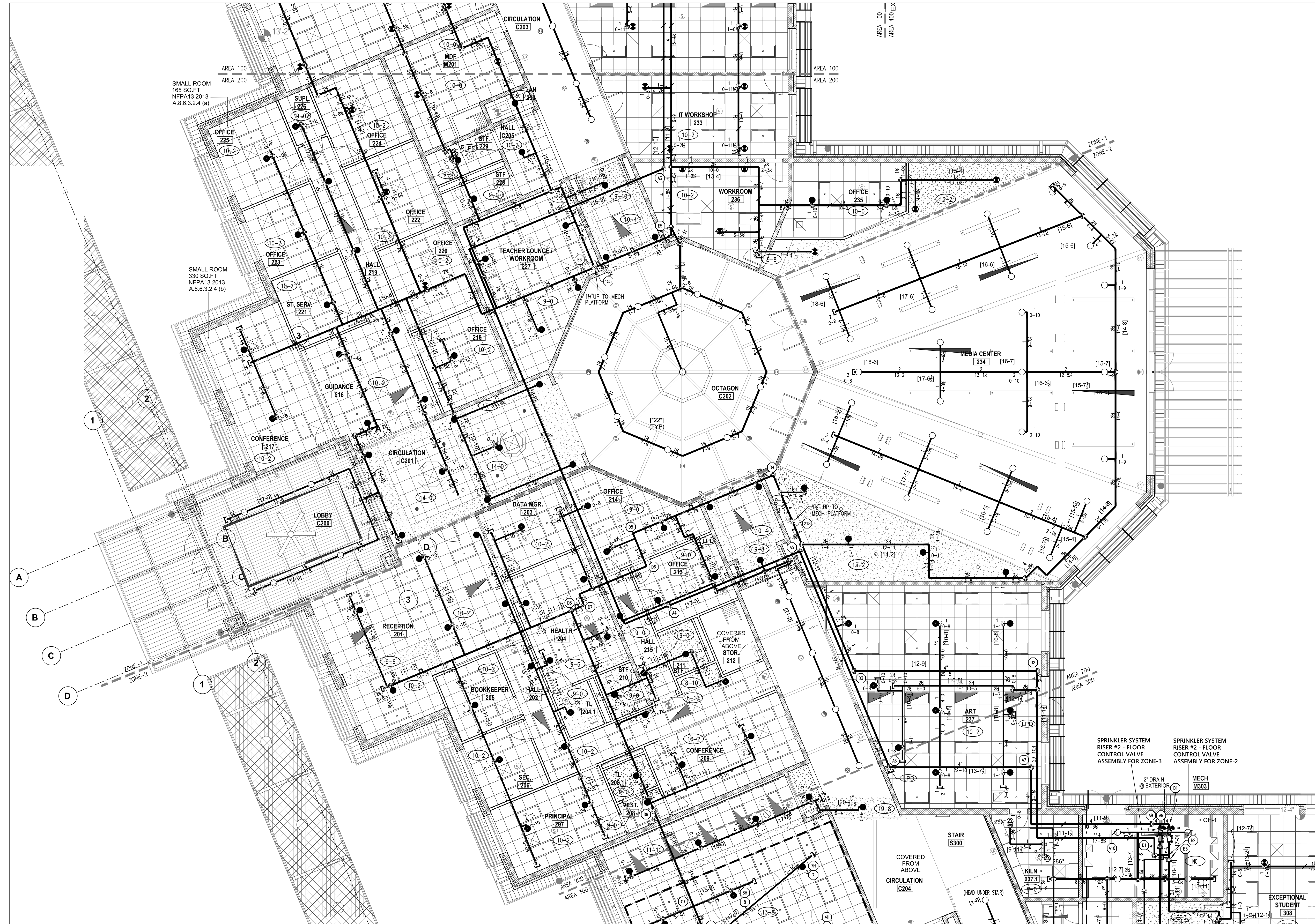
SHEET TITLE
**AREA 200
FIRE SPRINKLER
OVER HEAD PIPING
PLAN**

SHEET NUMBER
FP12

MECH PLATFORM ABOVE TEACHER LOUGNE/WORKROOM 227
SCALE 1/8" = 1'-0"



MECH PLATFORM ABOVE OFFICE 213, OFFICE 214
SCALE 1/8" = 1'-0"



AREA 200 - FIRE SPRINKLER OVER HEAD PIPING PLAN
SCALE 1/8" = 1'-0"

TYPES OF SPRINKLERS OR EQUAL										
SYM.	MAKE	MODEL	SIN. NO.	SIZE	FINISH	TEMP.	TYPE	K=	ESCUTCHEON	QUAN.
●	TYCO	QR CONCEALED PENDENT RFII	TY3531	1/2"	WHITE	155°	PENDENT	5.6	WHITE	310
●	TYCO	QR CONCEALED PENDENT RFII	TY3531	1/2"	WHITE	200°	PENDENT	5.6	WHITE	16
●	TYCO	QR EC CONCEALED PENDENT RFII	TY3532	1/2"	BRASS	155°	PENDENT	5.6	WHITE	226
○	TYCO	QR RECESS PENDENT TY-FRB	TY3231	1/2"	WHITE	286°	PENDENT	5.6	WHITE	2
○	TYCO	QR UPRIGHT TY-FRB	TY3131	1/2"	BRASS	155°	UPRIGHT	5.6		139
○	TYCO	QR DRY PENDENT DS-1	TY3235	1"	WHITE	155°	PENDENT	5.6	WHITE	4
○	TYCO	QR HORIZONTAL SIDE WALL TY-FRB	TY3331	1/2"	BRASS	155°	HSW	5.6		2
TOTAL AMOUNT FOR LEVEL-1:										699

FIRE SPRINKLERS LEGEND:

- Hydraulic Reference Points
- 4 PT-IN Elev. Above Finished Floor
- 5 PT-IN Ceiling Height
- Denotes Hanger Location
- Rise up or down
- Rigid Coupling
- Low Point Drain

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Owner or Occupant

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ARCHITECT

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Job Site Contact

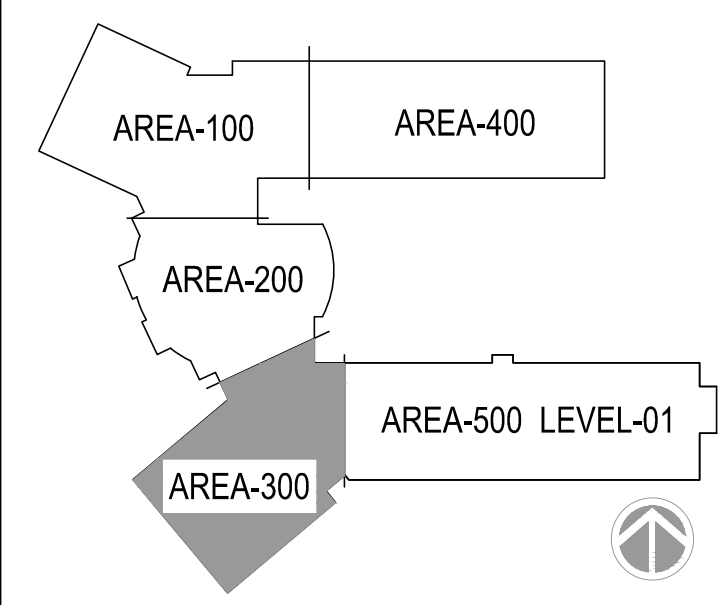
METCON
Malenie Ziemniak
3050 Hammond Business Place, Suite 121
Pembroke, NC 28372
(910) 521-8013

Authority Having Jurisdiction

Harnett County Fire Marshall

Fire Protection Contact

ABL Fire Protection, LLC
Design: Christy Lamson
300 Hoke Street, Raleigh,
North Carolina 27601
(919) 868-4050



KEYPLAN



ABL FIRE PROTECTION, LLC
300 HOKE STREET, RALEIGH
NORTH CAROLINA 27601
Phone: (919) 835-2225
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Contractor Seal

Arthur K. Lamson, Jr.

Arthur K. Lamson, Jr. N.I.C.E.T. Level III #20462 FS

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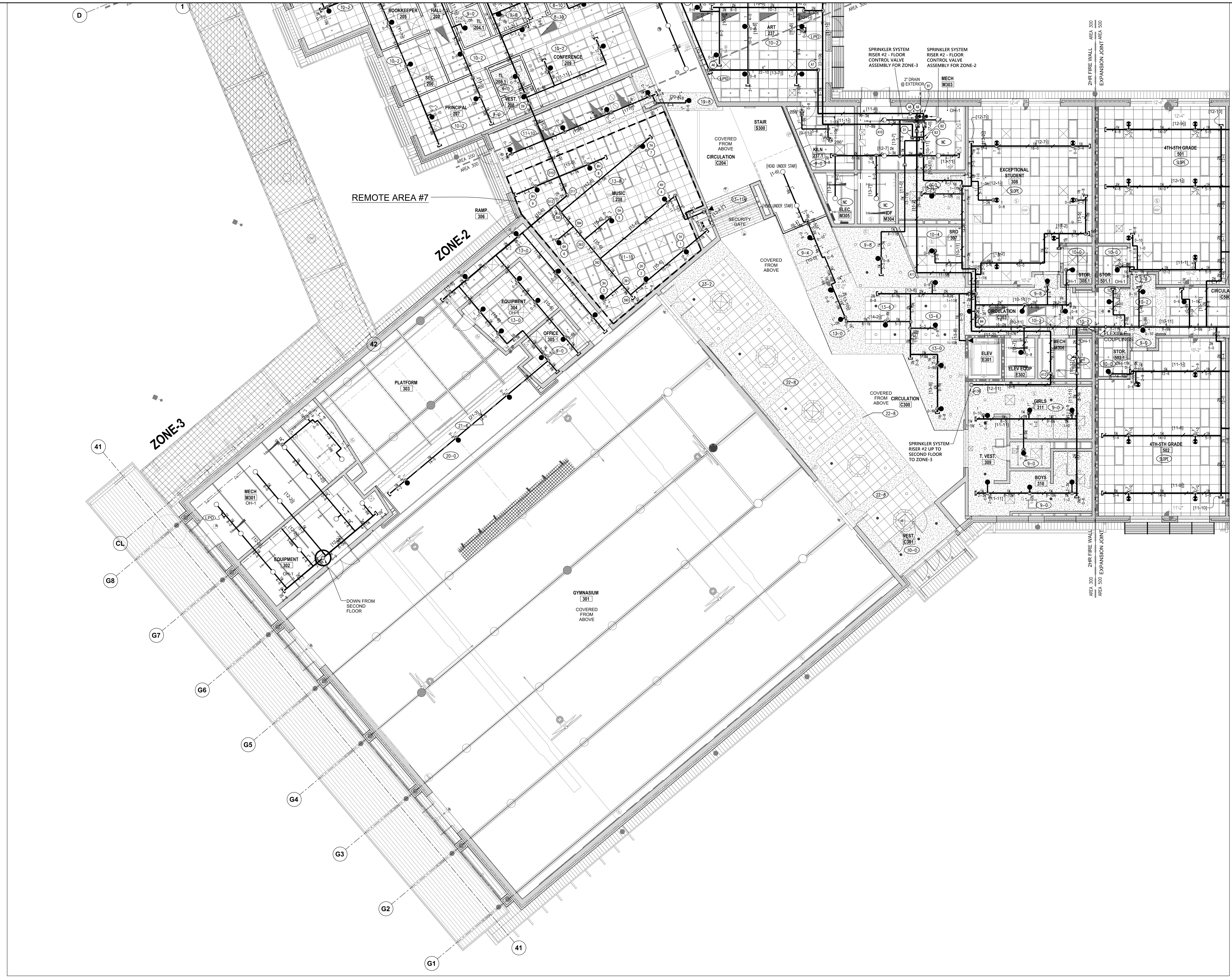
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DRAWN BY	CHRISTY LAMSON
DATE	04/19/2022
SCALE	1/8" = 1'-0" UNO
SPRINKLERS ON JOBS	979
CONTRACT NO.	4070

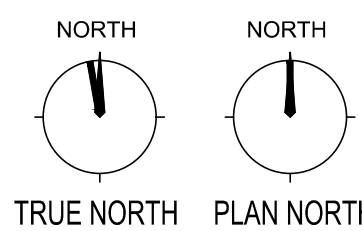
DESCRIPTION	REV	DATE	BY
1 SUBMITTAL DRAWING		04/28/22	CL

SHEET TITLE
**AREA 300
FIRST FLOOR
FIRE SPRINKLER
OVER HEAD PIPING
PLAN**

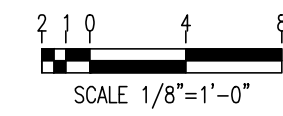
SHEET NUMBER
FP13



TYPES OF SPRINKLERS OR EQUAL										
SYM.	MAKE	MODEL	SIN. NO.	SIZE	FINISH	TEMP.	TYPE	K=	ESCUTCHEON	QUAN.
●	TYCO	QR CONCEALED PENDENT RFII	TY3531	1/2"	WHITE	155°	PENDENT	5.6	WHITE	310
●	TYCO	QR CONCEALED PENDENT RFII	TY3531	1/2"	WHITE	200°	PENDENT	5.6	WHITE	16
●	TYCO	QR EC CONCEALED PENDENT RFII	TY3532	1/2"	BRASS	155°	PENDENT	5.6	WHITE	226
○	TYCO	QR RECESS PENDENT TY-FRB	TY3231	1/2"	WHITE	286°	PENDENT	5.6	WHITE	2
○	TYCO	QR UPRIGHT TY-FRB	TY3131	1/2"	BRASS	155°	UPRIGHT	5.6		139
○	TYCO	QR DRY PENDENT DS-1	TY3235	1"	WHITE	155°	PENDENT	5.6	WHITE	4
◀	TYCO	QR HORIZONTAL SIDE WALL TY-FRB	TY3331	1/2"	BRASS	155°	HSW	5.6		2
TOTAL AMOUNT FOR LEVEL-1:										699



AREA-300 FIRST FLOOR - FIRE SPRINKLER OVER HEAD PIPING PLAN
SCALE 1/8" = 1'-0"



FIRE SPRINKLERS LEGEND:

○	Hydraulic Reference Points
○-4	PT-IN Elev. Above Finished Floor
○	PT-IN Ceiling Height
○	Denotes Hanger Location
○	Rise up or down
○	Rigid Coupling
○	Low Point Drain

Harnett County School
Northwest Harnett
Elementary School

736 Rollins Road,
Fuquay Varina, NC 27526

Owner or Occupant
Harnett County School
Dr. Aaron Fleming
1008 South 11th Street,
Lillington, NC 27546
(919) 573-6350

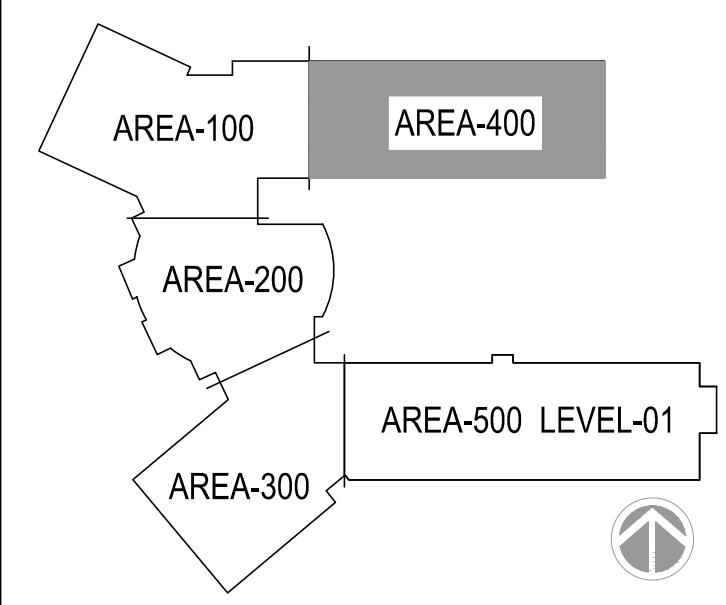
ARCHITECT
SL+ Architects
333 Fayetteville Street, Suite 225
Raleigh, NC 27601
(919) 573-6350

Job Site Address
Northwest Harnett Elementary School
736 Rollins Road,
Fuquay-Varina, NC 27526

Job Site Contact
METCON
Malenie Ziemniak
3050 Hammond Business Place, Suite 121
Pembroke, NC 28372
(910) 521-8013

Authority Having Jurisdiction
Harnett County Fire Marshall

Fire Protection Contact
ABL Fire Protection, LLC
Design: Christy Lamson
300 Hoke Street, Raleigh,
North Carolina 27601
(919) 835-2225



KEYPLAN



ABL FIRE PROTECTION, LLC
300 HOKE STREET, RALEIGH
NORTH CAROLINA 27601
Phone: (919) 835-2225
Fax: (919) 835-2210

Contractor Seal

Art K. Lamson, Jr.
Arthur K. Lamson, Jr. N.I.C.E.T. Level III #20462 FS

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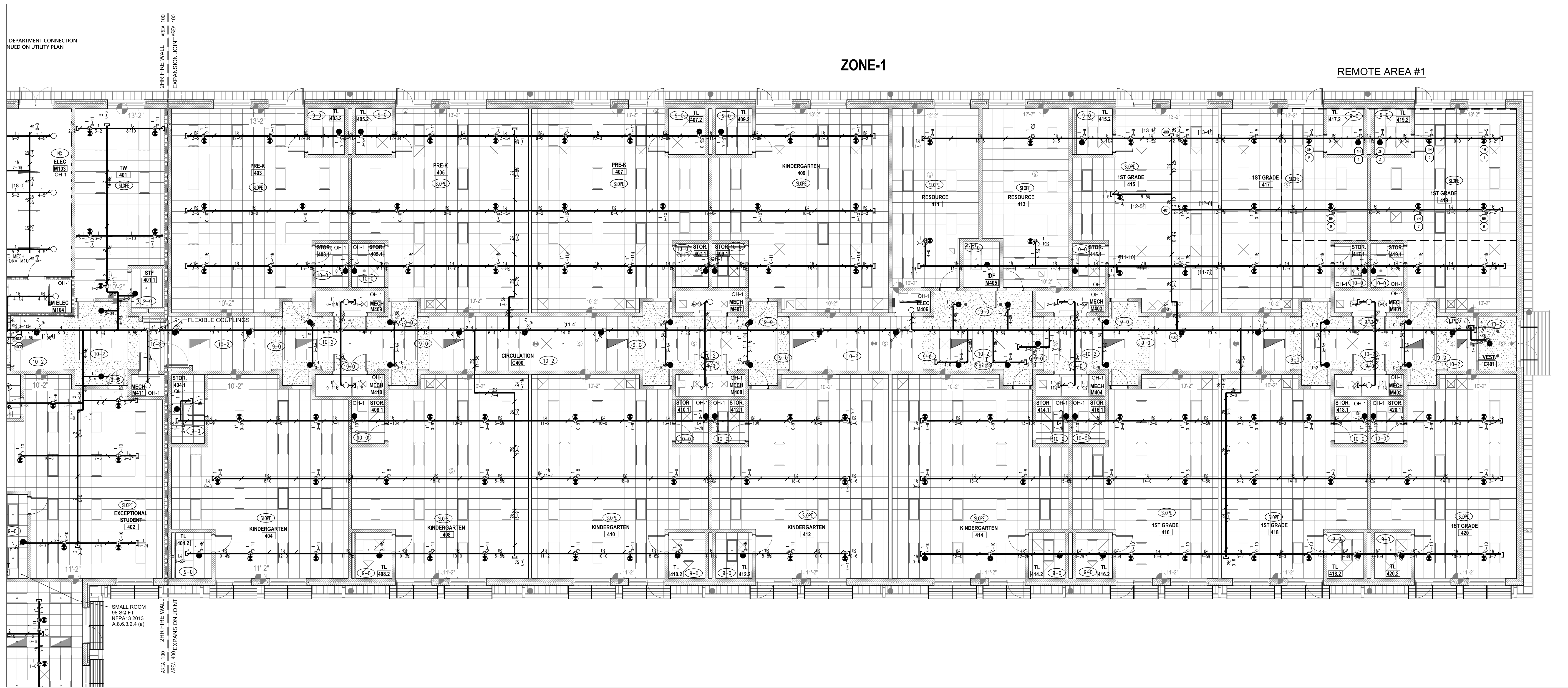
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DRAWN BY	CHRISTY LAMSON
DATE	04/19/2022
SCALE	1/2" = 1'-0" UNO
SPRINKLERS ON JOBS	979
CONTRACT NO.	4070

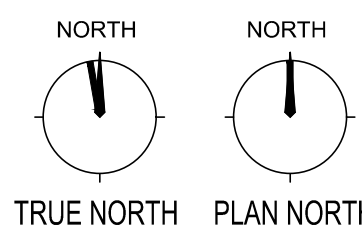
DESCRIPTION	REV	DATE	BY
1 SUBMITTAL DRAWING		04/28/22	CL

SHEET TITLE
**AREA 400
FIRE SPRINKLER
OVER HEAD PIPING
PLAN**

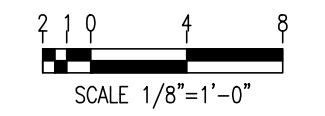
SHEET NUMBER
FP14



TYPES OF SPRINKLERS OR EQUAL										
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○	TYCO	QR CONCEALED PENDENT RFI	TY3531	1/2"	WHITE	200°	PENDENT	5.6	WHITE	16
○	TYCO	QR EC CONCEALED PENDENT RFI	TY3532	1/2"	BRASS	155°	PENDENT	5.6	WHITE	226
○	TYCO	QR RECESS PENDENT TY-FRB	TY3231	1/2"	WHITE	286°	PENDENT	5.6	WHITE	2
○	TYCO	QR UPRIGHT TY-FRB	TY3131	1/2"	BRASS	155°	UPRIGHT	5.6		139
○	TYCO	QR DRY PENDENT DS-1	TY3235	1"	WHITE	155°	PENDENT	5.6	WHITE	4
○	TYCO	QR HORIZONTAL SIDE WALL TY-FRB	TY3331	1/2"	BRASS	155°	HSW	5.6		2
TOTAL AMOUNT FOR LEVEL-1:										699



AREA-400 - FIRE SPRINKLER OVER HEAD PIPING PLAN
SCALE 1/8" = 1'-0"



FIRE SPRINKLERS LEGEND:

- Hydraulic Reference Points
- 4 PT-IN Elev. Above Finished Floor
- 5 PT-IN Ceiling Height
- Denotes Hanger Location
- Rise up or down
- Rigid Coupling
- Low Point Drain

**Harnett County School
Northwest Harnett
Elementary School**

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Owner or Occupant
Harnett County School
Dr. Aaron Fleming
1008 South 11th Street,
Lillington, NC 27546
(919) 573-6350

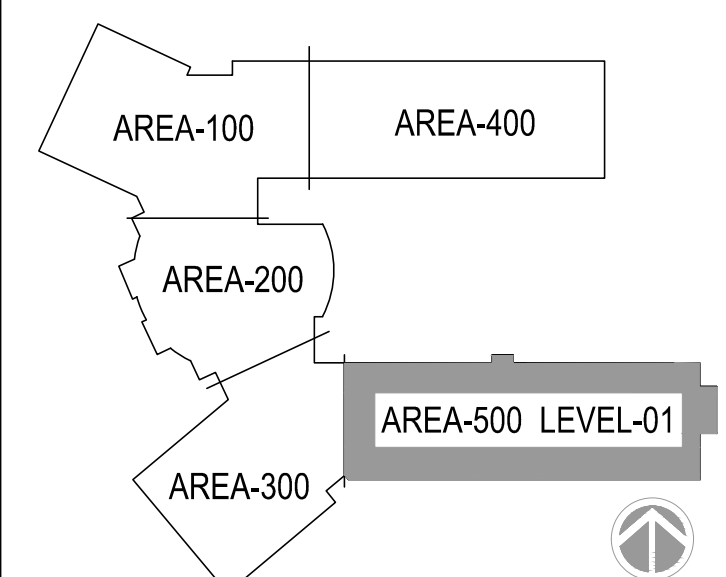
ARCHITECT
SFL+Architexch
333 Fayetteville Street, Suite 225
Raleigh, NC 27601
(919) 573-6350

Job Site Address
Northwest Harnett Elementary School
736 Rollins Road,
Fuquay-Varina, NC 27526

Job Site Contact
METCON
Melanie Ziemniak
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Harnett County Fire Marshall

Fire Protection Contact
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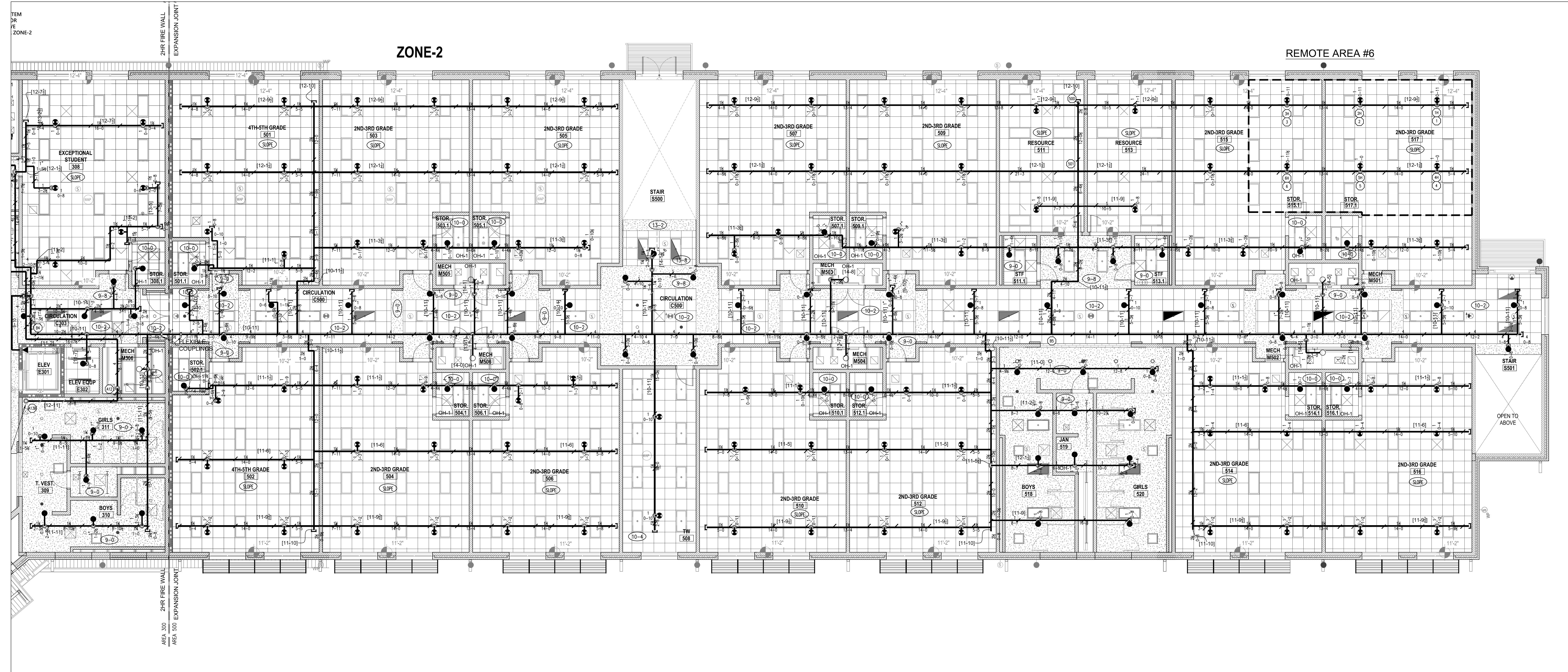
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DATE	04/19/2022
SCALE	1/8" = 1'-0" UNO
SPRINKLERS ON JOBS	979
CONTRACT NO.	4070

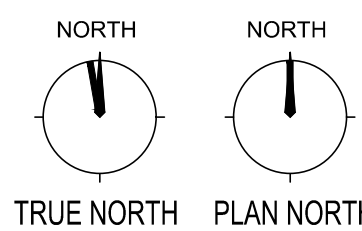
DESCRIPTION	REV	DATE	BY
1 SUBMITTAL DRAWING		04/28/22	CL

SHEET TITLE
**AREA 500
FIRST FLOOR
FIRE SPRINKLER
OVER HEAD PIPING
PLAN**

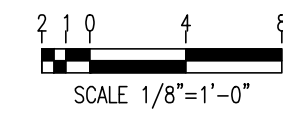
SHEET NUMBER
FP15



TYPES OF SPRINKLERS OR EQUAL										
SYM.	MAKE	MODEL	SIN. NO.	SIZE	FINISH	TEMP.	TYPE	K=	ESCUTCHEON	QUAN.
●	TYCO	QR CONCEALED PENDENT RFII	TY3531	1/2"	WHITE	155°	PENDENT	5.6	WHITE	310
●	TYCO	QR CONCEALED PENDENT RFII	TY3531	1/2"	WHITE	200°	PENDENT	5.6	WHITE	16
●	TYCO	QR EC CONCEALED PENDENT RFII	TY3532	1/2"	BRASS	155°	PENDENT	5.6	WHITE	226
○	TYCO	QR RECESS PENDENT TY-FRB	TY3231	1/2"	WHITE	286°	PENDENT	5.6	WHITE	2
○	TYCO	QR UPRIGHT TY-FRB	TY3131	1/2"	BRASS	155°	UPRIGHT	5.6		139
○	TYCO	QR DRY PENDENT DS-1	TY3235	1"	WHITE	155°	PENDENT	5.6	WHITE	4
○	TYCO	QR HORIZONTAL SIDE WALL TY-FRB	TY3331	1/2"	BRASS	155°	HSW	5.6		2
TOTAL AMOUNT FOR LEVEL-1:										699



AREA-500 FIRST FLOOR - FIRE SPRINKLER OVER HEAD PIPING PLAN
SCALE 1/8" = 1'-0"



FIRE SPRINKLERS LEGEND:

○	Hydraulic Reference Points
○-4	PT-IN Elev. Above Finished Floor
○-5	PT-IN Ceiling Height
○	Denotes Hanger Location
○	Rise up or down
○	Rigid Coupling
○	Low Point Drain

**Harnett County School
Northwest Harnett
Elementary School**

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Owner or Occupant
Harnett County School

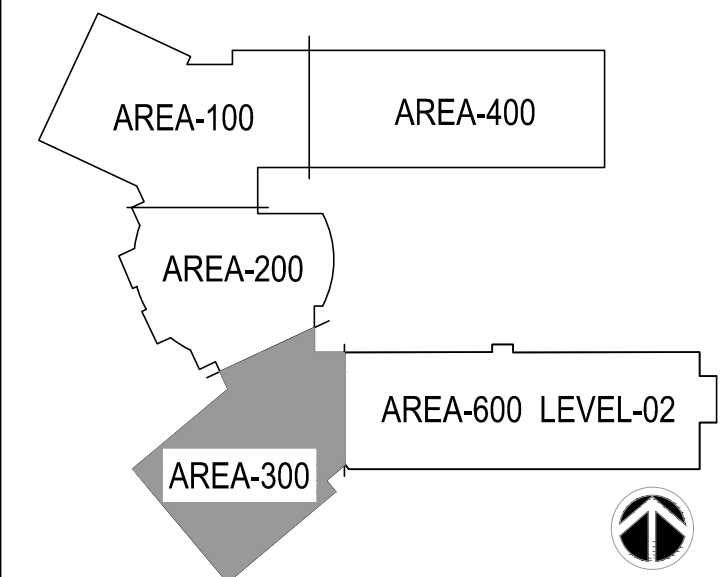
ARCHITECT
SFL+ Architect
333 Fayetteville Street, Suite 225
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(919) 573-6350

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METCON
Melanie Ziemiak
3050 Hammond Business Place, Suite 121
Pembroke, NC 28372
(910) 521-8013

Authority Having Jurisdiction
Harnett County Fire Marshall

Fire Protection Contact
ABL Fire Protection, LLC
Design: Michael Lamson
300 Hoke Street, Raleigh,
North Carolina 27601
(919) 602-6441



KEYPLAN



ABL FIRE PROTECTION, LLC
300 HOKE STREET, RALEIGH
NORTH CAROLINA 27601
Phone: (919) 835-2225
Fax: (919) 835-2210

Contractor Seal

Arthur K. Lamson, Jr.

Arthur K. Lamson, Jr. N.I.C.E.T. Level III #20462 FS

I certify that to the best of my knowledge this plan,
prepared under my supervision, is in accordance with
applicable NFPA standards, current building codes.

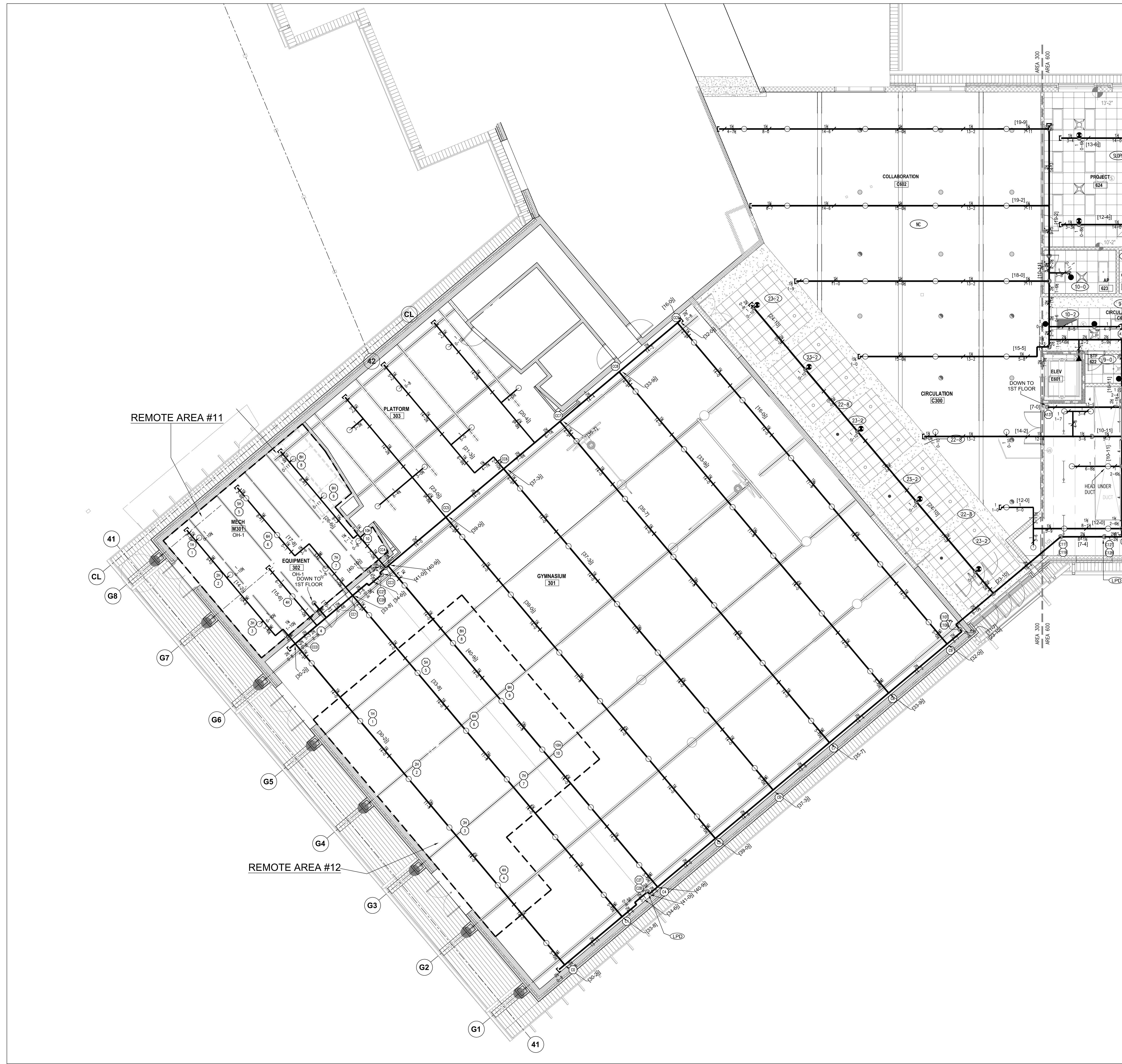
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Protection, LLC.

DRAWN BY	CHRISTY LAMSON
DATE	04/19/2022
SCALE	1/2" = 1'-0" UNO
SPRINKLERS ON JOBS	979
CONTRACT NO.	4070

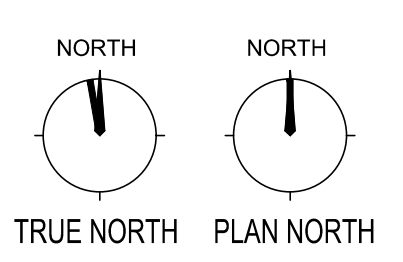
DESCRIPTION	REV DATE	BY
1 SUBMITTAL DRAWING	04/28/22	CL

SHEET TITLE
**AREA 300
SECOND FLOOR
FIRE SPRINKLER
OVER HEAD PIPING
PLAN**

SHEET NUMBER
FP16

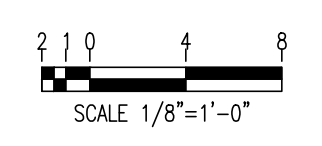


TYPES OF SPRINKLERS OR EQUAL										
SYM.	MAKE	MODEL	SIN. NO.	SIZE	FINISH	TEMP.	TYPE	K=	ESCUTCHEON	QUAN.
●	TYCO	QR CONCEALED PENDENT RFII	TY3531	1/2"	WHITE	155°	PENDENT	5.6	WHITE	108
○	TYCO	QR CONCEALED PENDENT RFII	TY3531	1/2"	WHITE	200°	PENDENT	5.6	WHITE	—
●	TYCO	QR EC CONCEALED PENDENT RFII	TY3532	1/2"	BRASS	155°	PENDENT	5.6	WHITE	67
○	TYCO	QR RECESS PENDENT TY-FRB	TY3231	1/2"	WHITE	286°	PENDENT	5.6	WHITE	—
○	TYCO	QR UPRIGHT TY-FRB	TY3131	1/2"	BRASS	155°	UPRIGHT	5.6	WHITE	104
○	TYCO	QR DRY PENDENT DS-1	TY3235	1"	WHITE	155°	PENDENT	5.6	WHITE	—
○	TYCO	QR HORIZONTAL SIDE WALL TY-FRB	TY3331	1/2"	BRASS	155°	HSW	5.6	—	1
TOTAL AMOUNT FOR LEVEL-2:										280



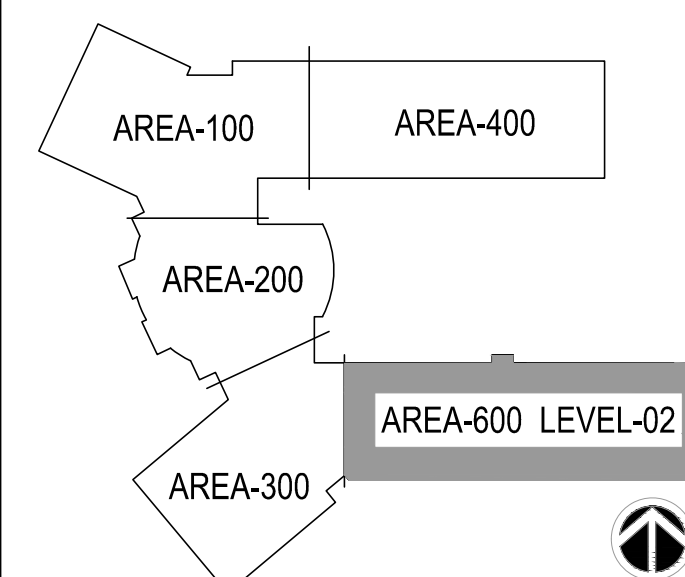
AREA-300 SECOND FLOOR - FIRE SPRINKLER OVER HEAD PIPING PLAN

SCALE 1/8" = 1'-0"



FIRE SPRINKLERS LEGEND:

○	Hydraulic Reference Points
○(+4)	FT-IN Elev. Above Finished Floor
○	FT-IN Ceiling Height
—	Denotes Hanger Location
○	Rise up or down
□	Rigid Coupling
○(LD)	Low Point Drain



KEYPLAN



ABL FIRE PROTECTION, LLC
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NORTH CAROLINA 27601
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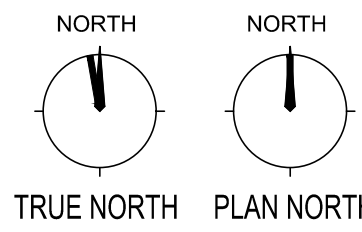
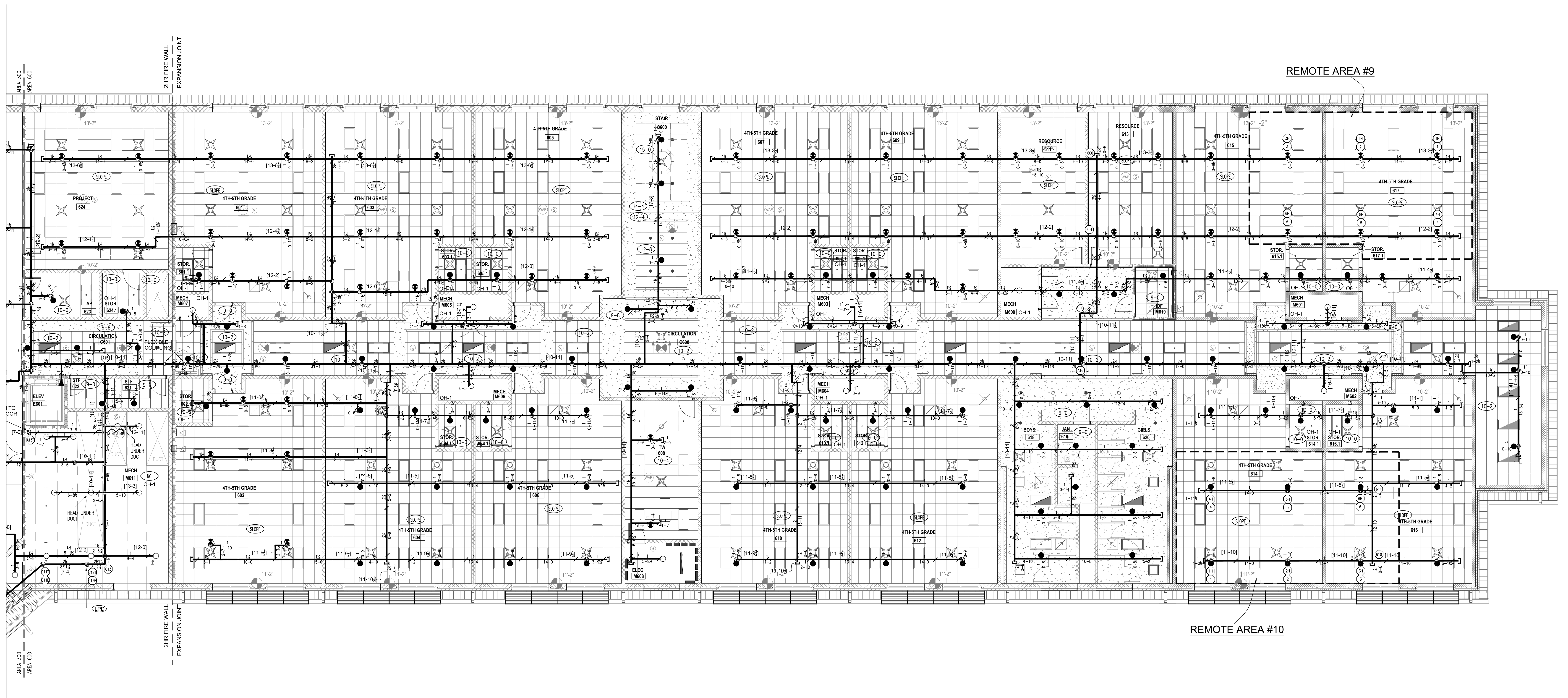
DRAWN BY	CHRISTY LAMSON
DATE	04/19/2022
SCALE	1/2" = 1'-0" UNO
SPRINKLERS ON JOBS	979
CONTRACT NO.	4070

DESCRIPTION	REV	DATE	BY
1 SUBMITTAL DRAWING		04/28/22	CL

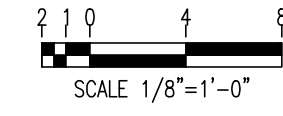
SHEET TITLE
AREA 600
SECOND FLOOR
FIRE SPRINKLER
OVER HEAD PIPING
PLAN

SHEET NUMBER

FP17



AREA-600 SECOND FLOOR - FIRE SPRINKLER OVER HEAD PIPING PLAN
SCALE 1/8" = 1'-0"



TYPES OF SPRINKLERS OR EQUAL										
SYM.	MAKE	MODEL	SIN. NO.	SIZE	FINISH	TEMP.	TYPE	K=	ESCUICHEON	QUAN.
●	TYCO	QR CONCEALED PENDENT RFI	TY3531	1/2"	WHITE	155°	PENDENT	5.6	WHITE	108
○	TYCO	QR CONCEALED PENDENT RFI	TY3531	1/2"	WHITE	200°	PENDENT	5.6	WHITE	-
●	TYCO	QR EC CONCEALED PENDENT RFI	TY3532	1/2"	BRASS	155°	PENDENT	5.6	WHITE	67
○	TYCO	QR RECESS PENDENT TY-FRB	TY3231	1/2"	WHITE	286°	PENDENT	5.6	WHITE	-
○	TYCO	QR UPRIGHT TY-FRB	TY3131	1/2"	BRASS	155°	UPRIGHT	5.6	WHITE	104
●	TYCO	QR DRY PENDENT DS-1	TY3235	1"	WHITE	155°	PENDENT	5.6	WHITE	-
○	TYCO	QR HORIZONTAL SIDE WALL TY-FRB	TY3331	1/2"	BRASS	155°	HSW	5.6	WHITE	1
TOTAL AMOUNT FOR LEVEL-2:										280

FIRE SPRINKLERS LEGEND:

○	Hydraulic Reference Points
○(+)	PT-IN Elev. Above Finished Floor
○(-)	PT-IN Ceiling Height
—	Denotes Hanger Location
○	Rise up or down
○	Rigid Coupling
○	Low Point Drain

**Harnett County School
Northwest Harnett
Elementary School**

736 Rollins Road,
Fuquay Varina, NC 27526

Owner or Occupant
Harnett County School
Dr. Aaron Fleming
1008 South 11th Street,
Lillington, NC 27546
(919) 573-6350

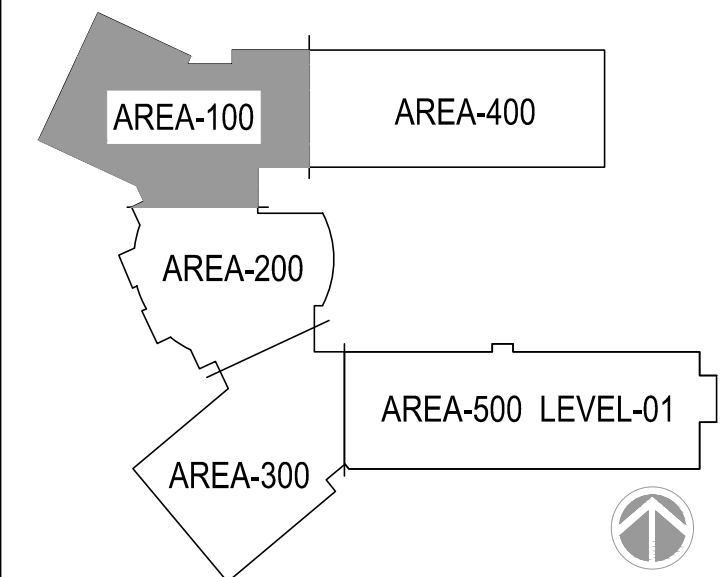
ARCHITECT
SFL+Architect
333 Fayetteville Street, Suite 225
Raleigh, NC 27601
(919) 573-6350

Job Site Address
Northwest Harnett Elementary School
736 Rollins Road,
Fuquay-Varina, NC 27526

Job Site Contact
METCON
Melanie Ziemniak
3050 Hammond Business Place, Suite 121
Pembroke, NC 28372
(910) 521-8013

Authority Having Jurisdiction
Harnett County Fire Marshall

Fire Protection Contact
ABL Fire Protection, LLC
Design: Christy Lamson
300 Hoke Street, Raleigh,
North Carolina 27601
(919) 868-4050



KEYPLAN



ABL FIRE PROTECTION, LLC
300 HOKE STREET, RALEIGH
NORTH CAROLINA 27601
Phone: (919) 835-2225
Fax: (919) 835-2210

Contractor Seal

Art K. Lamson, Jr.

Arthur K. Lamson, Jr. N.I.C.E.T. Level III #20462 FS

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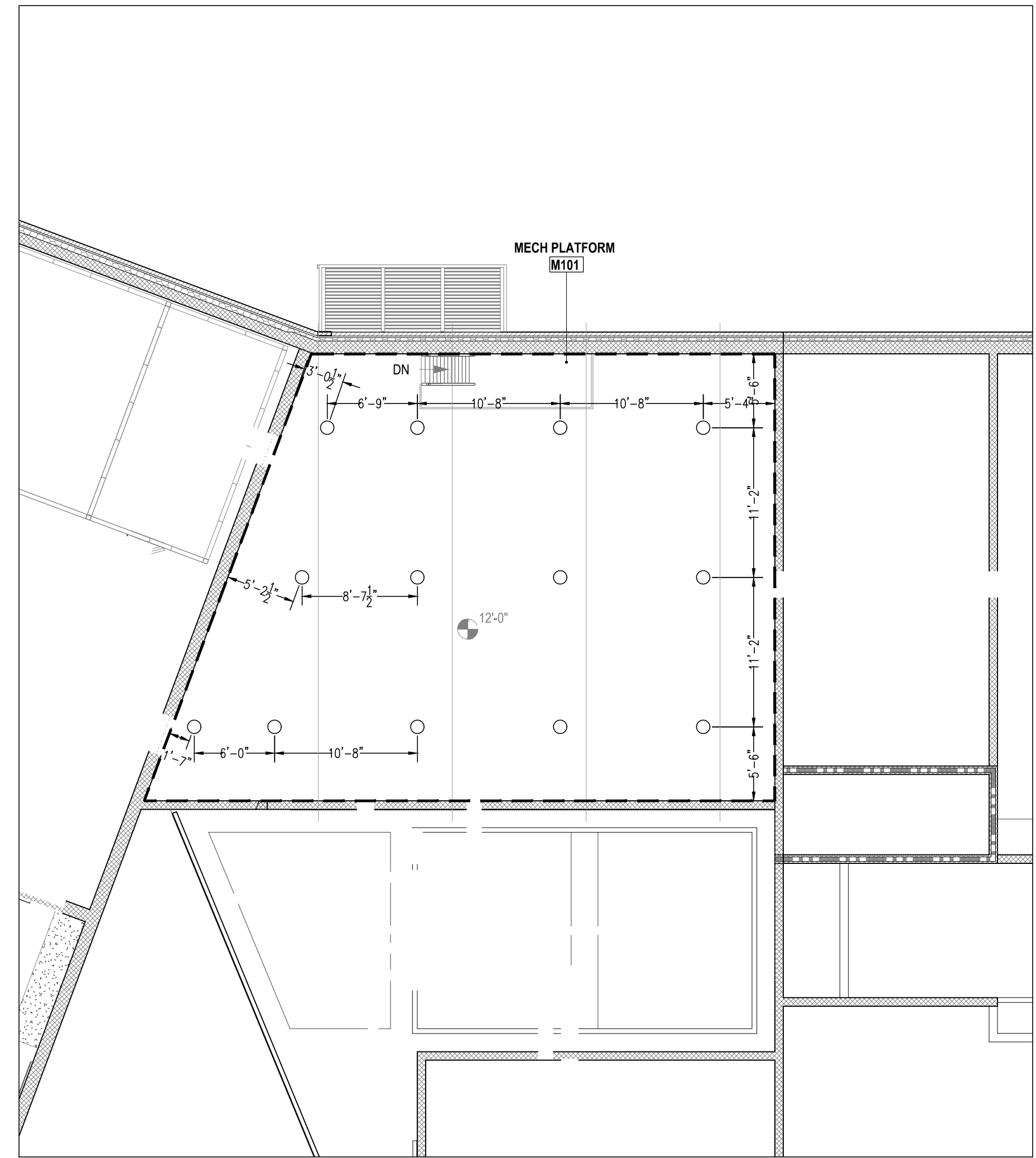
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DRAWN BY	CHRISTY LAMSON
DATE	04/19/2022
SCALE	1/2" = 1'-0" UNO
SPRINKLERS ON JOBS	979
CONTRACT NO.	4070

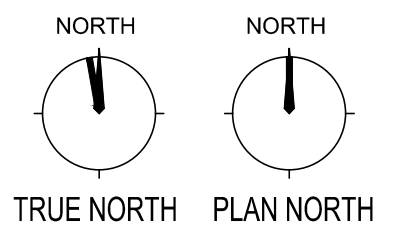
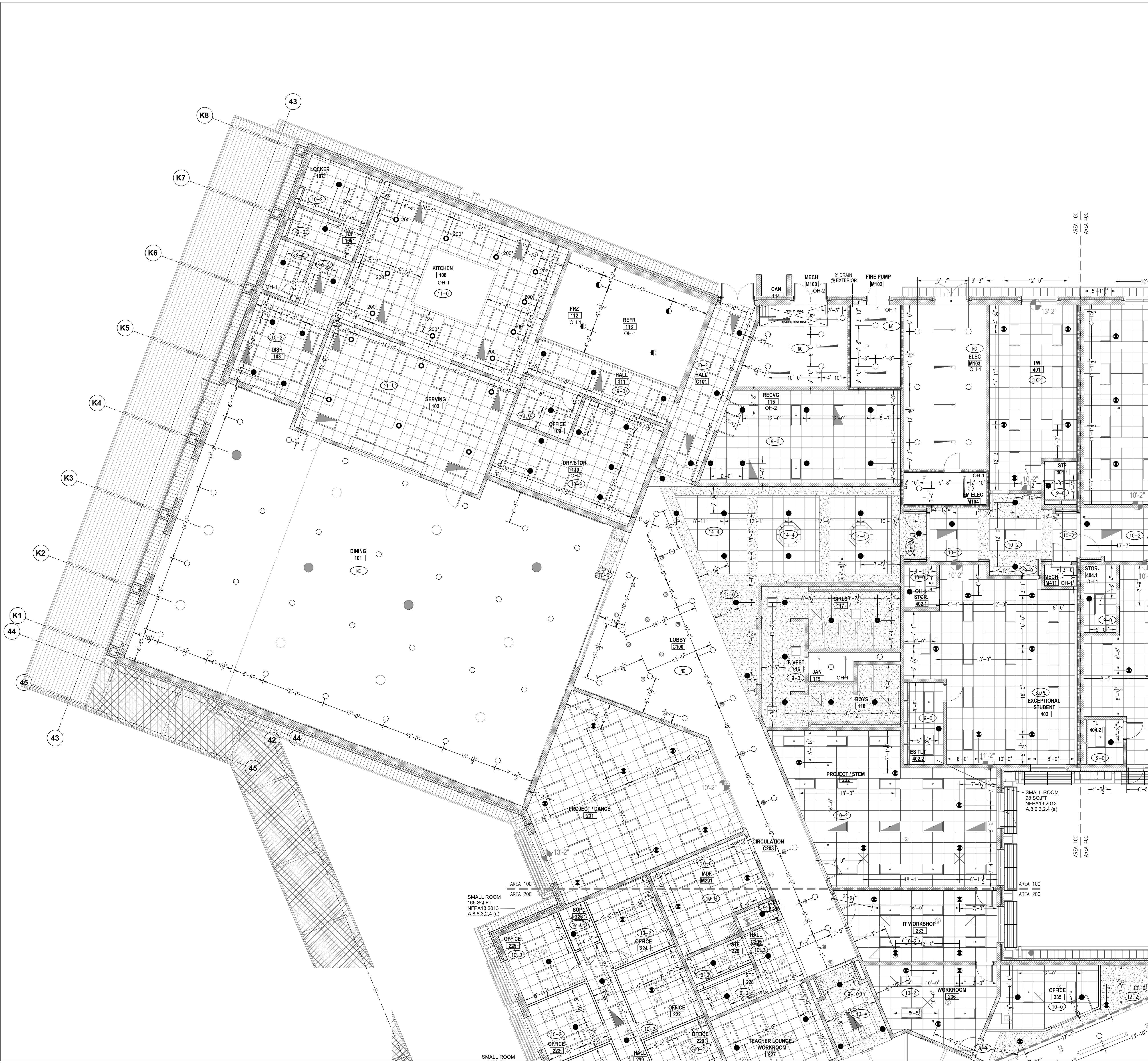
DESCRIPTION	REV DATE	BY
1 SUBMITTAL DRAWING	04/28/22	CL

SHEET TITLE
AREA 100
FIRE SPRINKLER
REFLECTED CEILING
PLAN

SHEET NUMBER
FP21



AREA 100 MEZZANINE - FIRE SPRINKLER OVER HEAD PIPING PLAN
SCALE 1/8" = 1'-0"



AREA 100 - FIRE SPRINKLER REFLECTED CEILING PLAN
SCALE 1/8" = 1'-0"

TYPES OF SPRINKLERS OR EQUAL										
SYM.	MAKE	MODEL	SIN. NO.	SIZE	FINISH	TEMP.	TYPE	K=	ESCUTCHEON	QUAN.
●	TYCO	QR CONCEALED PENDENT RFII	TY3531	1/2"	WHITE	155°	PENDENT	5.6	WHITE	310
●	TYCO	QR CONCEALED PENDENT RFII	TY3531	1/2"	WHITE	200°	PENDENT	5.6	WHITE	16
●	TYCO	QR EC CONCEALED PENDENT RFII	TY3532	1/2"	BRASS	155°	PENDENT	5.6	WHITE	226
○	TYCO	QR RECESS PENDENT TY-FRB	TY3231	1/2"	WHITE	286°	PENDENT	5.6	WHITE	2
○	TYCO	QR UPRIGHT TY-FRB	TY3131	1/2"	BRASS	155°	UPRIGHT	5.6		139
●	TYCO	QR DRY PENDENT DS-1	TY3235	1"	WHITE	155°	PENDENT	5.6	WHITE	4
○	TYCO	QR HORIZONTAL SIDE WALL TY-FRB	TY3331	1/2"	BRASS	155°	HSW	5.6		2
TOTAL AMOUNT FOR LEVEL-1:										699

FIRE SPRINKLERS LEGEND:

- Hydraulic Reference Points
- 4 PT-IN Elev. Above Finished Floor
- 5 PT-IN Ceiling Height
- Denotes Hanger Location
- Rise up or down
- Rigid Coupling
- Low Point Drain

Harnett County School
Northwest Harnett
Elementary School

736 Rollins Road,
Fuquay Varina, NC 27526

Owner or Occupant
Harnett County School
Dr. Aaron Fleming
1008 South 11th Street,
Lillington, NC 27546
(919) 573-6350

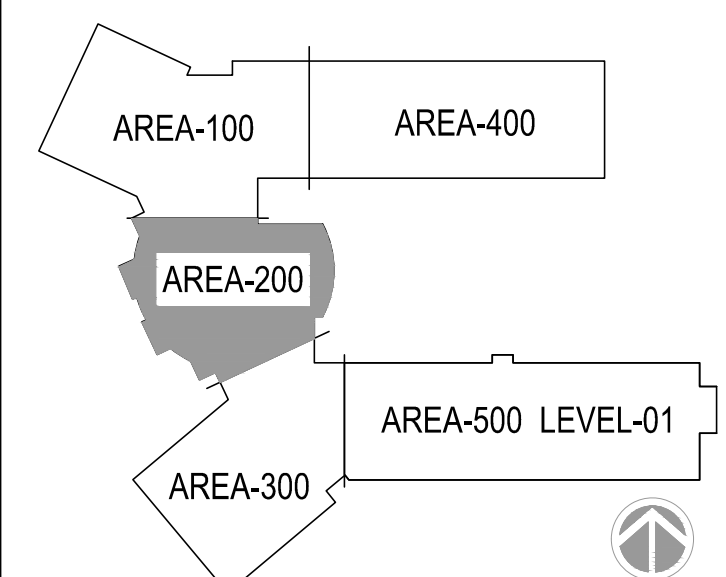
ARCHITECT
SL+Architect
333 Fayetteville Street, Suite 225
Raleigh, NC 27601
(919) 573-6350

Job Site Address
Northwest Harnett Elementary School
736 Rollins Road,
Fuquay-Varina, NC 27526

Job Site Contact
METCON
Malenie Ziemniak
3050 Hammond Business Place, Suite 121
Pembroke, NC 28372
(910) 521-8013

Authority Having Jurisdiction
Harnett County Fire Marshall

Fire Protection Contact
ABL Fire Protection, LLC
Design: Christy Lamson
300 Hoke Street, Raleigh,
North Carolina 27601
(919) 868-4050



KEYPLAN



ABL FIRE PROTECTION, LLC
300 HOKE STREET, RALEIGH
NORTH CAROLINA 27601
Phone: (919) 835-2225
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Contractor Seal
Art K. Lamson, Jr.
Arthur K. Lamson, Jr. N.I.C.E.T. Level III #20462 FS

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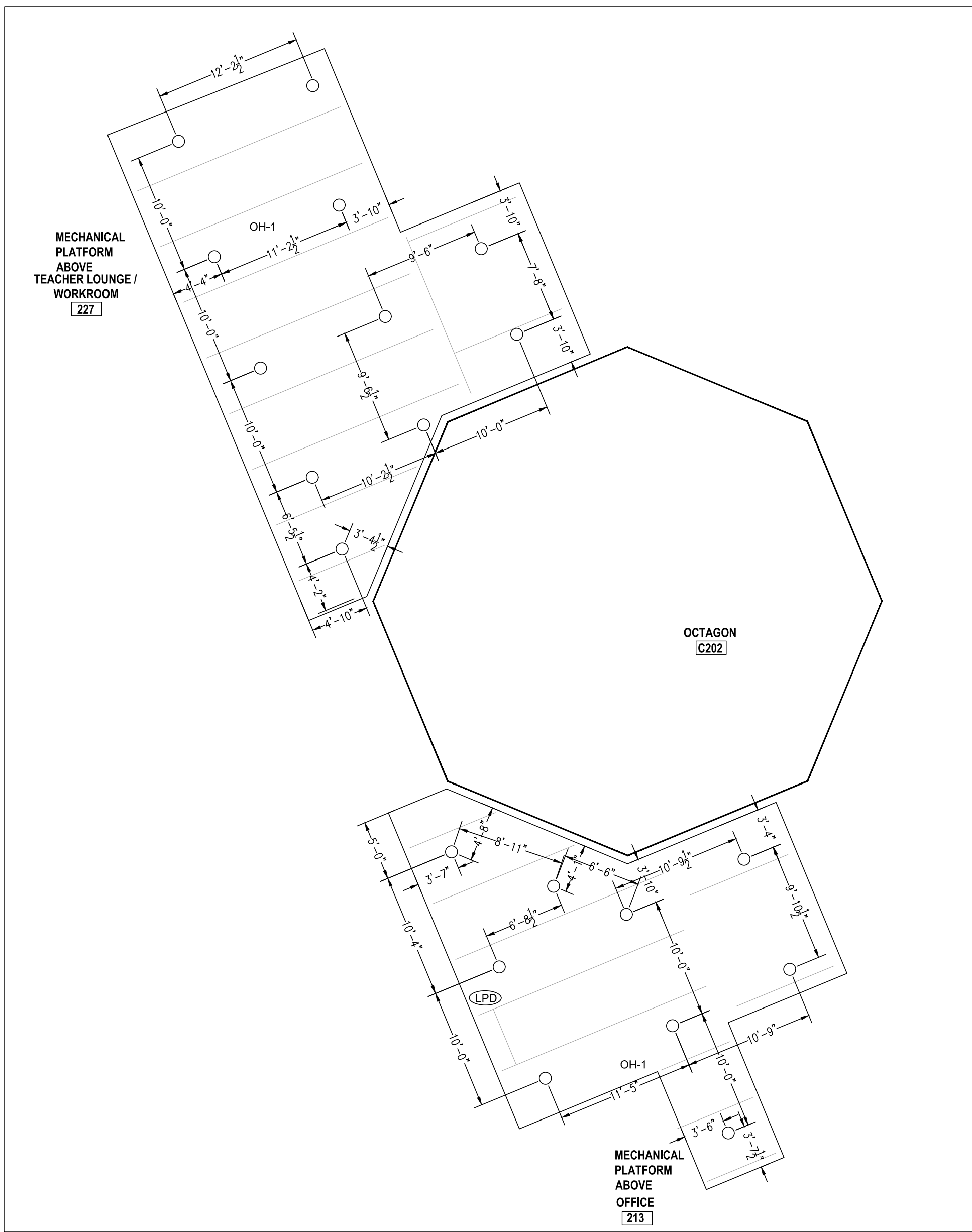
DRAWN BY	CHRISTY LAMSON
DATE	04/19/2022
SCALE	1/8" = 1'-0" UNO
SPRINKLERS ON JOBS	979
CONTRACT NO.	4070

DESCRIPTION	REV DATE	BY
1 SUBMITTAL DRAWING	04/28/22	CL

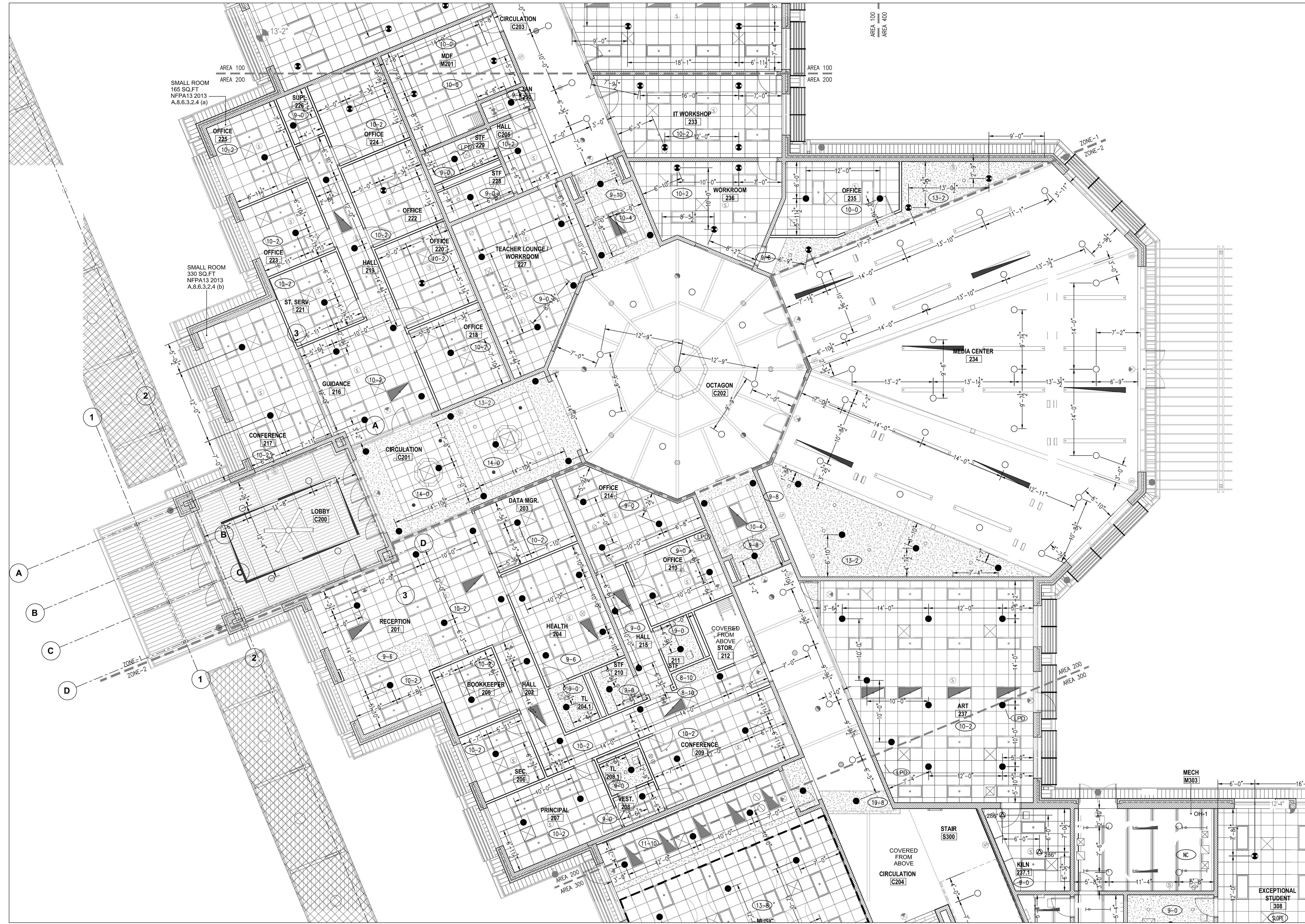
SHEET TITLE
**AREA 200
FIRE SPRINKLER
REFLECTED CEILING
PLAN**

SHEET NUMBER
FP22

MECH PLATFORM ABOVE TEACHER LOUGNE/WORKROOM 227
SCALE 1/8" = 1'-0"



MECH PLATFORM ABOVE OFFICE 213, OFFICE 214
SCALE 1/8" = 1'-0"



NORTH NORTH
TRUE NORTH PLAN NORTH
AREA 200 - FIRE SPRINKLER REFLECTED CEILING PLAN
SCALE 1/8" = 1'-0"

TYPES OF SPRINKLERS OR EQUAL										
SYM.	MAKE	MODEL	SIN. NO.	SIZE	FINISH	TEMP.	TYPE	K=	ESCUTCHEON	QUAN.
●	TYCO	QR CONCEALED PENDENT RFII	TY3531	1/2"	WHITE	155°	PENDENT	5.6	WHITE	310
●	TYCO	QR CONCEALED PENDENT RFII	TY3531	1/2"	WHITE	200°	PENDENT	5.6	WHITE	16
●	TYCO	QR EC CONCEALED PENDENT RFII	TY3532	1/2"	BRASS	155°	PENDENT	5.6	WHITE	226
○	TYCO	QR RECESS PENDENT TY-FRB	TY3231	1/2"	WHITE	286°	PENDENT	5.6	WHITE	2
○	TYCO	QR UPRIGHT TY-FRB	TY3131	1/2"	BRASS	155°	UPRIGHT	5.6		139
○	TYCO	QR DRY PENDENT DS-1	TY3235	1"	WHITE	155°	PENDENT	5.6	WHITE	4
○	TYCO	QR HORIZONTAL SIDE WALL TY-FRB	TY3331	1/2"	BRASS	155°	HSW	5.6		2
TOTAL AMOUNT FOR LEVEL-1:										699

FIRE SPRINKLERS LEGEND:

- Hydraulic Reference Points
- (0-4) PT-IN Elev. Above Finished Floor
- PT-IN Ceiling Height
- Denotes Hanger Location
- Rise up or down
- Rigid Coupling
- Low Point Drain

**Harnett County School
Northwest Harnett
Elementary School**

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Fuquay Varina, NC 27526

Owner or Occupant
Harnett County School
Dr. Aaron Fleming
1008 South 11th Street,
Lillington, NC 27546
(919) 573-6350

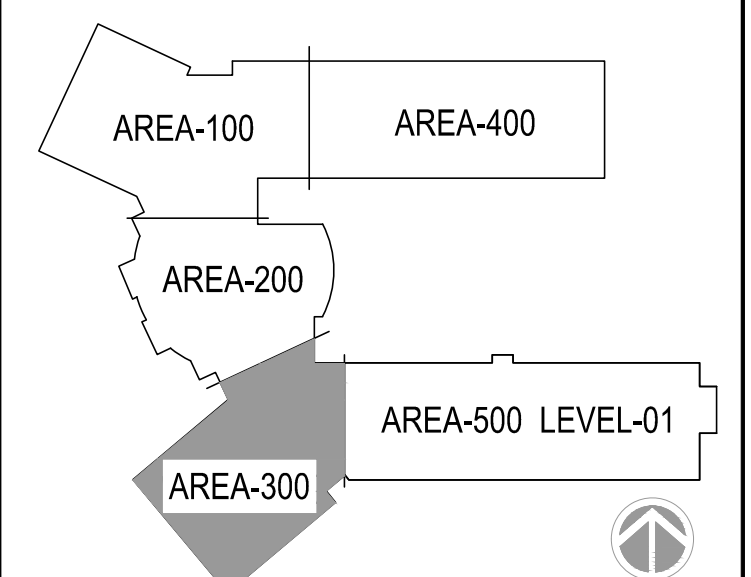
ARCHITECT
SFL+Architexch
333 Fayetteville Street, Suite 225
Raleigh, NC 27601
(919) 573-6350

Job Site Address
Northwest Harnett Eelemtry School
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Job Site Contact
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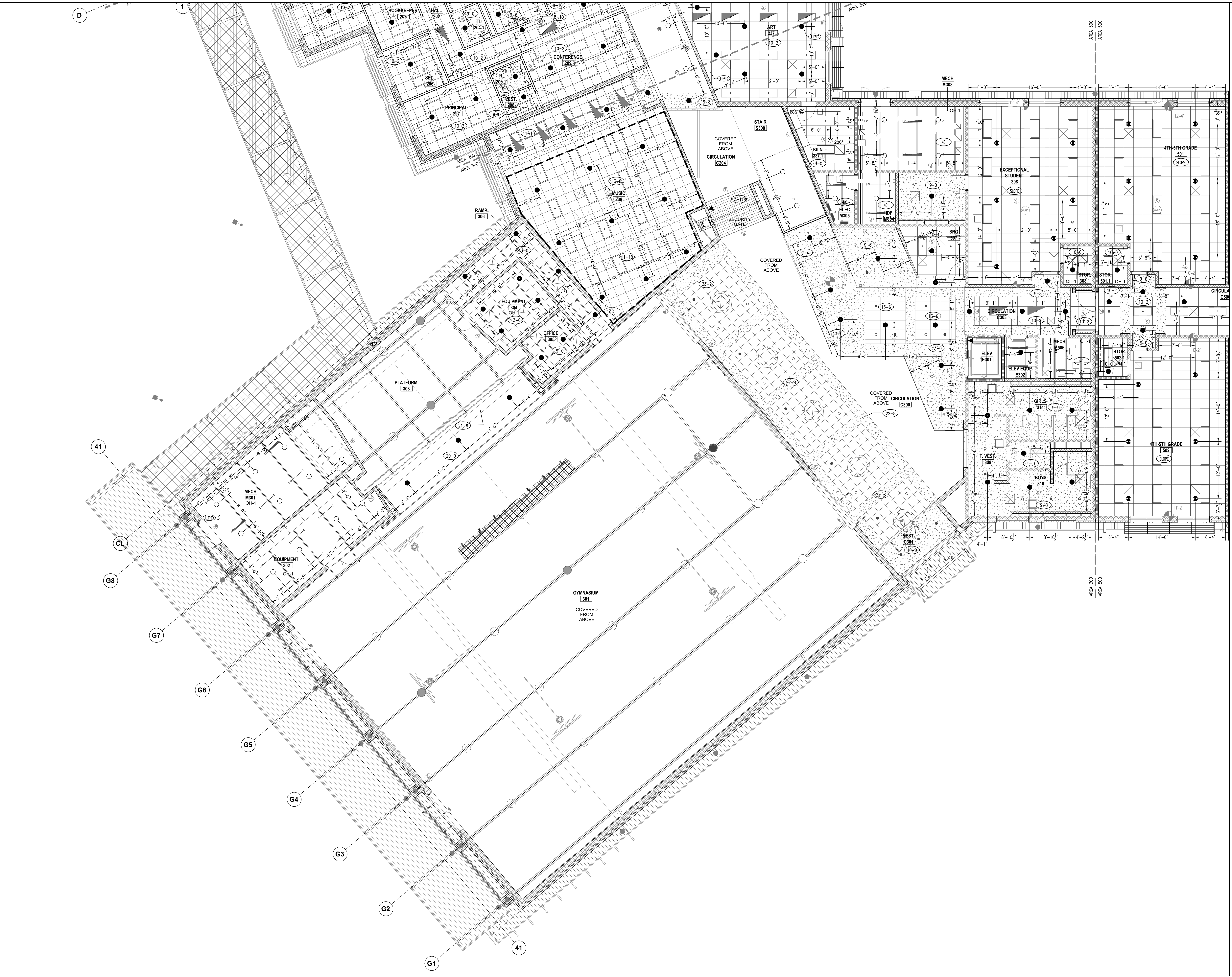
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DATE	04/19/2022
SCALE	1/8" = 1'-0" UNO
SPRINKLERS ON JOBS	979
CONTRACT NO.	4070

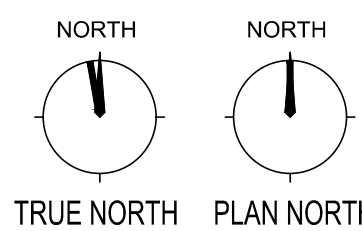
DESCRIPTION	REV	DATE	BY
1 SUBMITTAL DRAWING		04/28/22	CL

SHEET TITLE
**AREA 300
FIRE SPRINKLER
REFLECTED CEILING
PLAN**

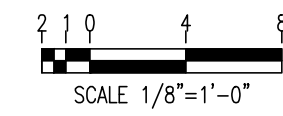
SHEET NUMBER
FP23



TYPES OF SPRINKLERS OR EQUAL										
SYM.	MAKE	MODEL	SIN. NO.	SIZE	FINISH	TEMP.	TYPE	K=	ESCUTCHEON	QUAN.
●	TYCO	QR CONCEALED PENDENT RFII	TY3531	1/2"	WHITE	155°	PENDENT	5.6	WHITE	310
●	TYCO	QR CONCEALED PENDENT RFII	TY3531	1/2"	WHITE	200°	PENDENT	5.6	WHITE	16
●	TYCO	QR EC CONCEALED PENDENT RFII	TY3532	1/2"	BRASS	155°	PENDENT	5.6	WHITE	226
○	TYCO	QR RECESS PENDENT TY-FRB	TY3231	1/2"	WHITE	286°	PENDENT	5.6	WHITE	2
○	TYCO	QR UPRIGHT TY-FRB	TY3131	1/2"	BRASS	155°	UPRIGHT	5.6		139
○	TYCO	QR DRY PENDENT DS-1	TY3235	1"	WHITE	155°	PENDENT	5.6	WHITE	4
○	TYCO	QR HORIZONTAL SIDE WALL TY-FRB	TY3331	1/2"	BRASS	155°	HSW	5.6		2
TOTAL AMOUNT FOR LEVEL-1:										699



AREA 300 - FIRE SPRINKLER REFLECTED CEILING PLAN
SCALE 1/8" = 1'-0"



FIRE SPRINKLERS LEGEND:

○	Hydraulic Reference Points
○(+)	PT-IN Elev. Above Finished Floor
○(-)	PT-IN Ceiling Height
○	Denotes Hanger Location
○	Rise up or down
○	Rigid Coupling
○	Low Point Drain

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Owner or Occupant
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Lillington, NC 27546
(919) 573-6350

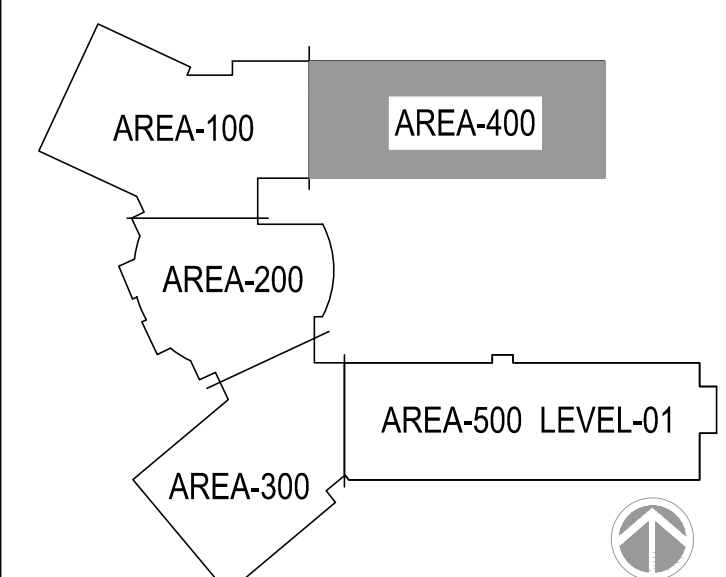
ARCHITECT
SFL+Architect
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(919) 573-6350

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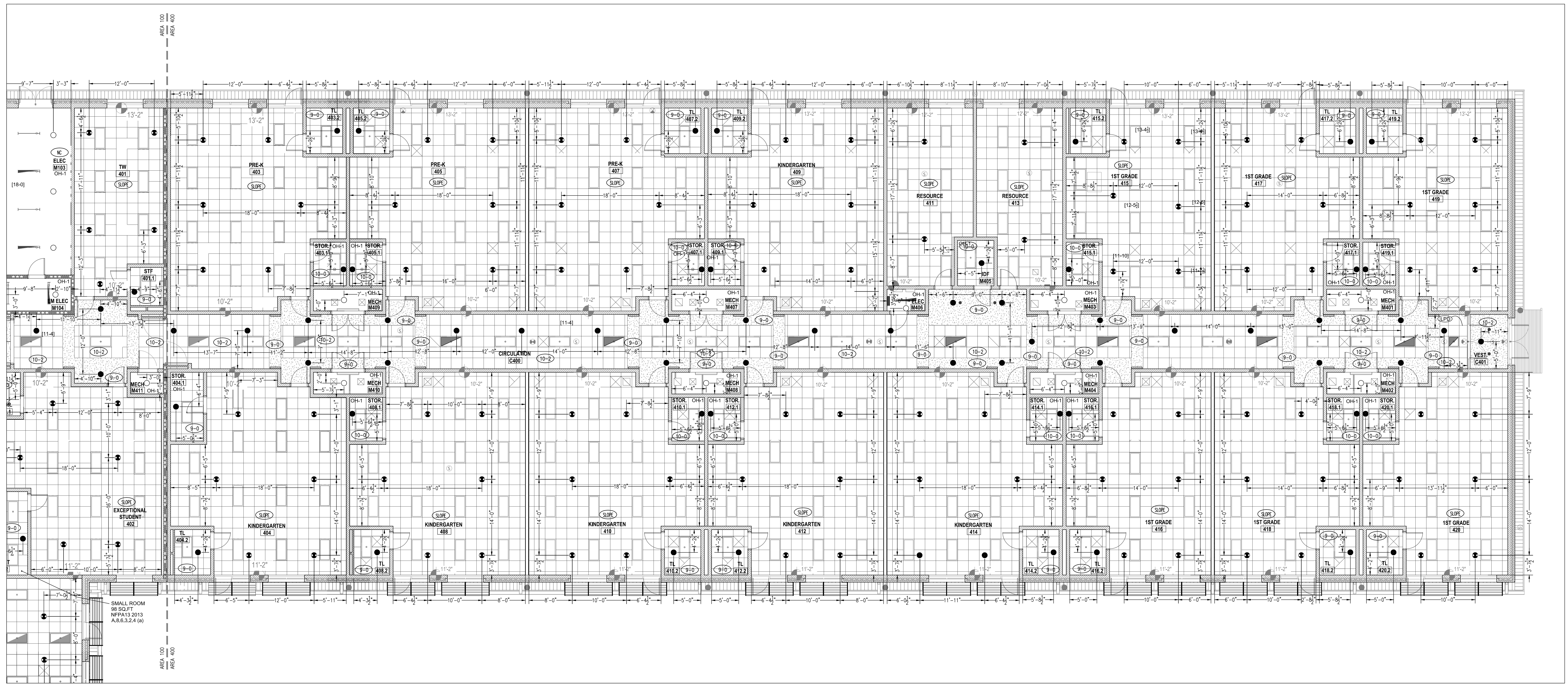
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DRAWN BY	CHRISTY LAMSON
DATE	04/19/2022
SCALE	3/8" = 1'-0" UNO
SPRINKLERS ON JOBS	979
CONTRACT NO.	4070

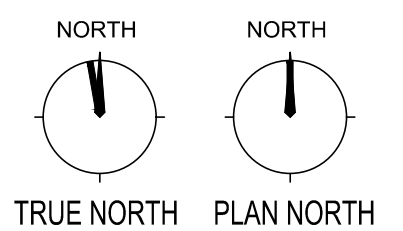
DESCRIPTION	REV	DATE	BY
1 SUBMITTAL DRAWING		04/28/22	CL

SHEET TITLE
**AREA 400
FIRE SPRINKLER
REFLECTED CEILING
PLAN**

SHEET NUMBER
FP24



TYPES OF SPRINKLERS OR EQUAL										
SYM.	MAKE	MODEL	SIN. NO.	SIZE	FINISH	TEMP.	TYPE	K=	ESCUTCHEON	QUAN.
●	TYCO	QR CONCEALED PENDENT RFI	TY3531	1/2"	WHITE	155°	PENDENT	5.6	WHITE	310
●	TYCO	QR CONCEALED PENDENT RFI	TY3531	1/2"	WHITE	200°	PENDENT	5.6	WHITE	16
●	TYCO	QR EC CONCEALED PENDENT RFI	TY3532	1/2"	BRASS	155°	PENDENT	5.6	WHITE	226
○	TYCO	QR RECESS PENDENT TY-FRB	TY3231	1/2"	WHITE	286°	PENDENT	5.6	WHITE	2
○	TYCO	QR UPRIGHT TY-FRB	TY3131	1/2"	BRASS	155°	UPRIGHT	5.6		139
○	TYCO	QR DRY PENDENT DS-1	TY3235	1"	WHITE	155°	PENDENT	5.6	WHITE	4
○	TYCO	QR HORIZONTAL SIDE WALL TY-FRB	TY3331	1/2"	BRASS	155°	HSW	5.6		2
TOTAL AMOUNT FOR LEVEL-1:										699



AREA 400 - FIRE SPRINKLER REFLECTED CEILING PLAN
SCALE 1/8" = 1'-0"

FIRE SPRINKLERS LEGEND:

- Hydraulic Reference Points
- 4 PT-IN Elev. Above Finished Floor
- 5 PT-IN Ceiling Height
- Denotes Hanger Location
- Rise up or down
- Rigid Coupling
- Low Point Drain

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Northwest Harnett
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Lillington, NC 27546
(919) 573-6350

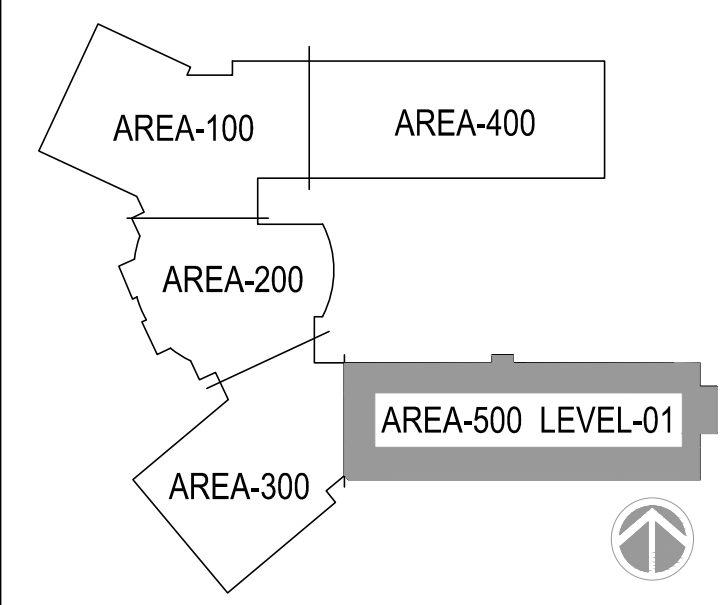
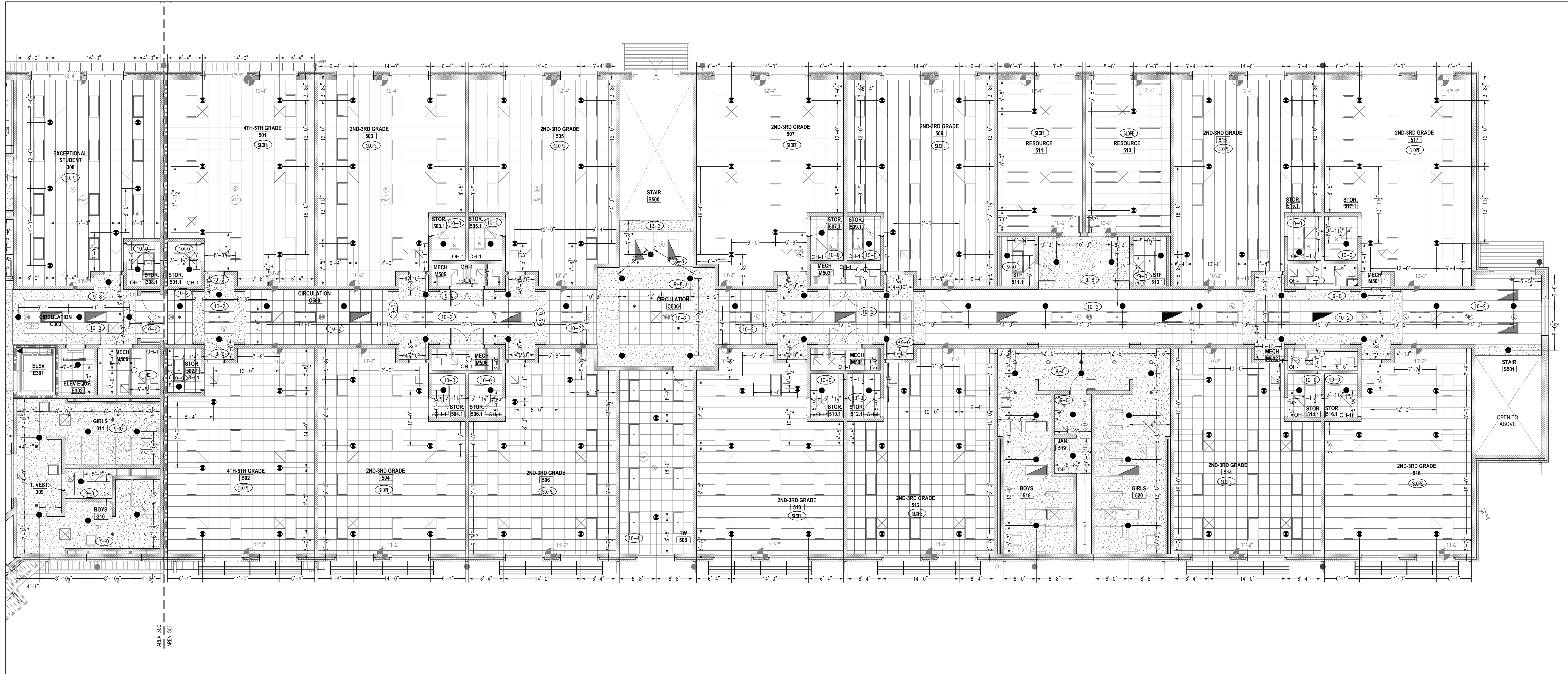
ARCHITECT
SFL+Architexch
333 Fayetteville Street, Suite 225
Raleigh, NC 27601
(919) 573-6350

Job Site Address
Northwest Harnett Elementary School
736 Rollins Road,
Fuquay-Varina, NC 27526

Job Site Contact
METCON
Malenie Ziemniak
3050 Hammond Business Place, Suite 121
Pembroke, NC 28372
(919) 521-8013

Authority Having Jurisdiction
Harnett County Fire Marshall

Fire Protection Contact
ABL Fire Protection, LLC
Design: Christy Lamson
300 Hoke Street, Raleigh,
North Carolina 27601
(919) 835-2210



KEYPLAN



ABL FIRE PROTECTION, LLC
300 HOKE STREET, RALEIGH
NORTH CAROLINA 27601
Phone: (919) 835-2225
Fax: (919) 835-2210

Contractor Seal
Art K. Lamson, Jr.
Arthur K. Lamson, Jr. N.I.C.E.T. Level III #20462 FS

I certify that to the best of my knowledge this plan, prepared under my supervision, is in accordance with applicable NFPA standards, current building codes.

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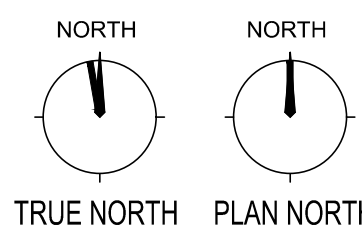
DRAWN BY	CHRISTY LAMSON
DATE	04/19/2022
SCALE	1/8" = 1'-0" UNO
SPRINKLERS ON JOBS	979
CONTRACT NO.	4070

DESCRIPTION	REV	DATE	BY
1 SUBMITTAL DRAWING		04/28/22	CL

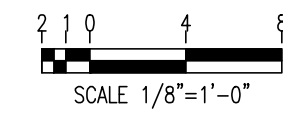
SHEET TITLE
**AREA 500
FIRE SPRINKLER
REFLECTED CEILING
PLAN**

SHEET NUMBER
FP25

TYPES OF SPRINKLERS OR EQUAL										
SYM.	MAKE	MODEL	SIN. NO.	SIZE	FINISH	TEMP.	TYPE	K=	ESCUTCHEON	QUAN.
●	TYCO	QR CONCEALED PENDENT RFII	TY3531	1/2"	WHITE	155°	PENDENT	5.6	WHITE	310
●	TYCO	QR CONCEALED PENDENT RFII	TY3531	1/2"	WHITE	200°	PENDENT	5.6	WHITE	16
●	TYCO	QR EC CONCEALED PENDENT RFII	TY3532	1/2"	BRASS	155°	PENDENT	5.6	WHITE	226
○	TYCO	QR RECESS PENDENT TY-FRB	TY3231	1/2"	WHITE	286°	PENDENT	5.6	WHITE	2
○	TYCO	QR UPRIGHT TY-FRB	TY3131	1/2"	BRASS	155°	UPRIGHT	5.6		139
○	TYCO	QR DRY PENDENT DS-1	TY3235	1"	WHITE	155°	PENDENT	5.6	WHITE	4
○	TYCO	QR HORIZONTAL SIDE WALL TY-FRB	TY3331	1/2"	BRASS	155°	HSW	5.6		2
TOTAL AMOUNT FOR LEVEL-1:										699



AREA 500 - FIRE SPRINKLER REFLECTED CEILING PLAN
SCALE 1/8" = 1'-0"



FIRE SPRINKLERS LEGEND:

○	Hydraulic Reference Points
○(+)	PT-IN Elev. Above Finished Floor
○(-)	PT-IN Ceiling Height
—	Denotes Hanger Location
○	Rise up or down
□	Rigid Coupling
○(LD)	Low Point Drain

**Harnett County School
Northwest Harnett
Elementary School**

736 Rollins Road,
Fuquay Varina, NC 27526

Owner or Occupant
Harnett County School

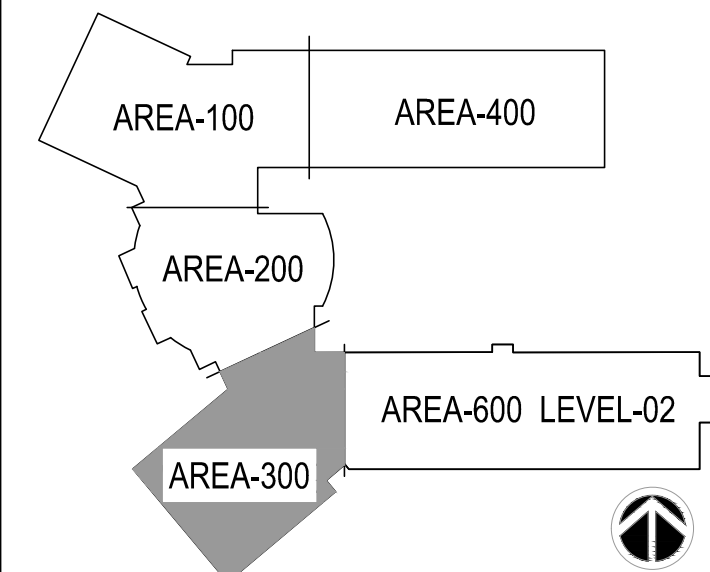
ARCHITECT
SFL+ Architect
333 Fayetteville Street, Suite 225
Raleigh, NC 27601
(919) 573-6350

Job Site Address
Northwest Harnett Eelemtry School
736 Rollins Road,
Fuquay-Varina, NC 27526

Job Site Contact
METCON
Melanie Ziemiak
3050 Hammond Business Place, Suite 121
Pembroke, NC 28372
(910) 521-8013

Authority Having Jurisdiction
Harnett County Fire Marshall

Fire Protection Contact
ABL Fire Protection, LLC
Design: Michael Lamson
300 Hoke Street, Raleigh,
North Carolina 27601
(919) 602-6441



KEYPLAN



ABL FIRE PROTECTION, LLC
300 HOKE STREET, RALEIGH
NORTH CAROLINA 27601
Phone: (919) 835-2225
Fax: (919) 835-2210

Contractor Seal

Arthur K. Lamson, Jr.

Arthur K. Lamson, Jr. N.I.C.E.T. Level III #20462 FS

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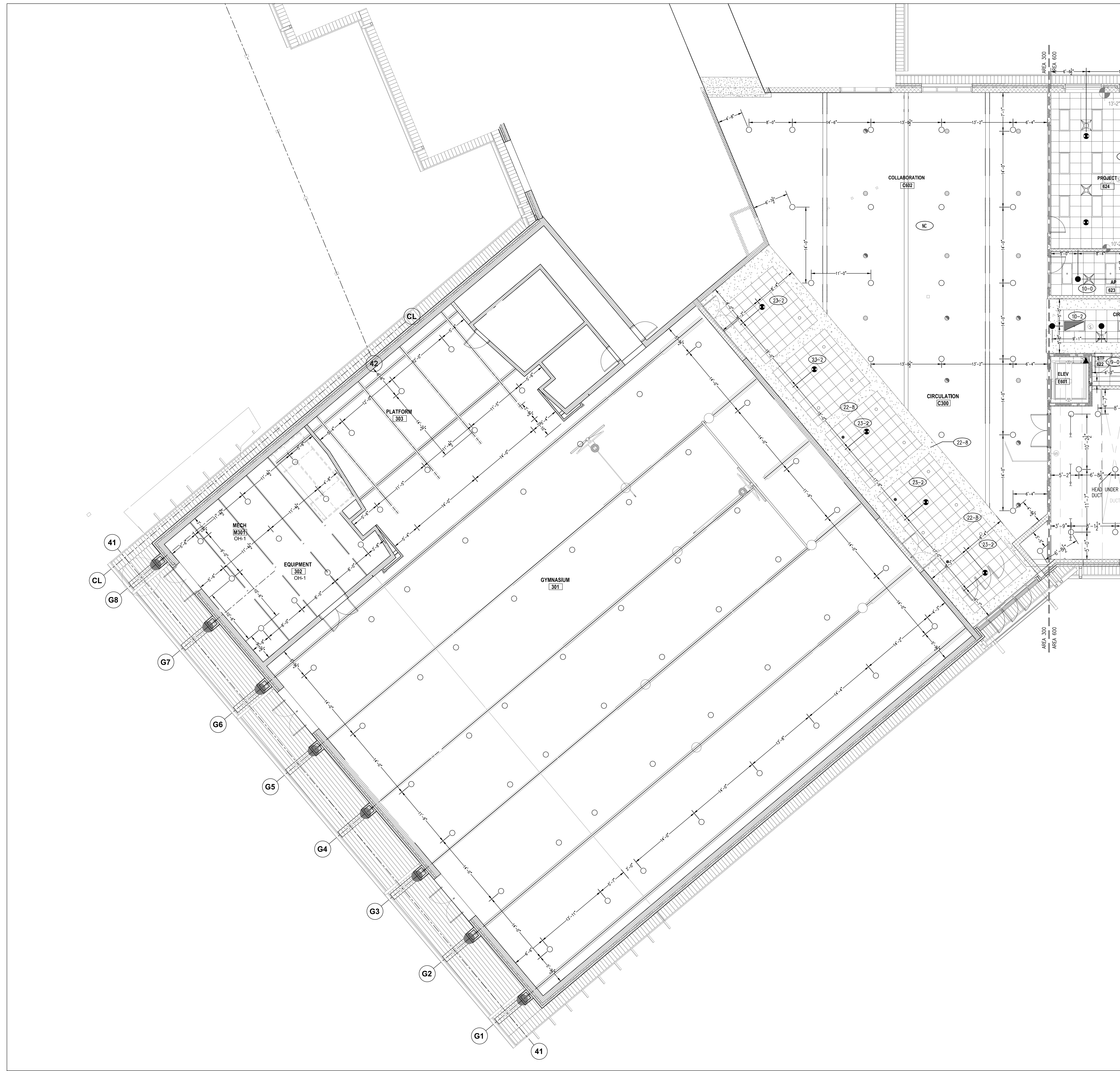
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DRAWN BY	CHRISTY LAMSON
DATE	04/19/2022
SCALE	1/2" = 1'-0" UNO
SPRINKLERS ON JOBS	979
CONTRACT NO.	4070

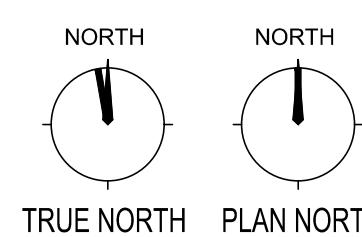
DESCRIPTION	REV	DATE	BY
1 SUBMITTAL DRAWING		04/28/22	CL

SHEET TITLE
**AREA 300
SECOND FLOOR
FIRE SPRINKLER
REFLECTED CEILING
PIPING PLAN**

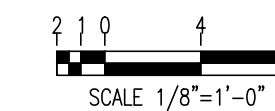
SHEET NUMBER
FP26



TYPES OF SPRINKLERS OR EQUAL										
SYM.	MAKE	MODEL	SIN. NO.	SIZE	FINISH	TEMP.	TYPE	K=	ESCUTCHEON	QUAN.
●	TYCO	QR CONCEALED PENDENT RFII	TY3531	1/2"	WHITE	155°	PENDENT	5.6	WHITE	108
○	TYCO	QR CONCEALED PENDENT RFII	TY3531	1/2"	WHITE	200°	PENDENT	5.6	WHITE	—
●	TYCO	QR EC CONCEALED PENDENT RFII	TY3532	1/2"	BRASS	155°	PENDENT	5.6	WHITE	67
○	TYCO	QR RECESS PENDENT TY-FRB	TY3231	1/2"	WHITE	286°	PENDENT	5.6	WHITE	—
○	TYCO	QR UPRIGHT TY-FRB	TY3131	1/2"	BRASS	155°	UPRIGHT	5.6	WHITE	104
●	TYCO	QR DRY PENDENT DS-1	TY3235	1"	WHITE	155°	PENDENT	5.6	WHITE	—
○	TYCO	QR HORIZONTAL SIDE WALL TY-FRB	TY3331	1/2"	BRASS	155°	HSW	5.6	WHITE	1
TOTAL AMOUNT FOR LEVEL-2:										280



AREA-300 SECOND FLOOR - FIRE SPRINKLER REFLECTED CEILING PIPING PLAN
SCALE 1/8" = 1'-0"



FIRE SPRINKLERS LEGEND:

○	Hydraulic Reference Points
○(+4)	FT-IN Elev. Above Finished Floor
○	FT-IN Ceiling Height
—	Denotes Hanger Location
○	Rise up or down
○	Rigid Coupling
○	Low Point Drain

Harnett County School
Northwest Harnett
Elementary School

736 Rollins Road,
Fuquay Varina, NC 27526

Owner or Occupant
Harnett County School

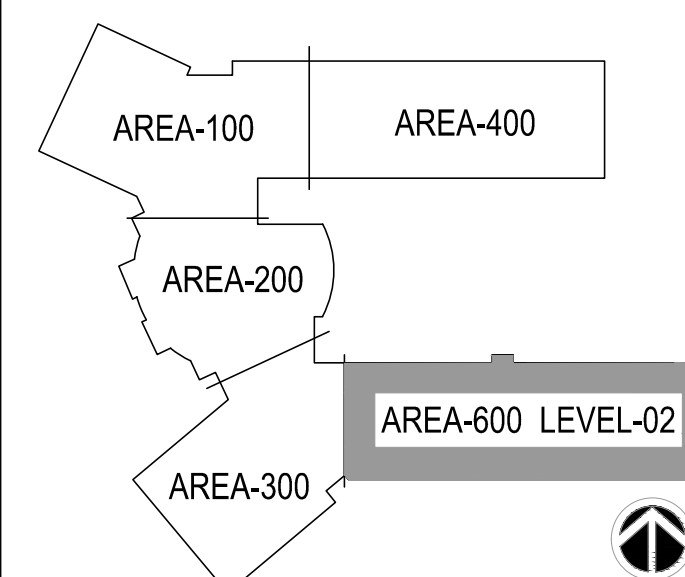
ARCHITECT
SFL+Architect
333 Fayetteville Street, Suite 225
Raleigh, NC 27601
(919) 573-6350

Job Site Address
Northwest Harnett Elementary School
736 Rollins Road,
Fuquay-Varina, NC 27526

Job Site Contact
METCON
Melanie Ziemniak
3050 Hammond Business Place, Suite 121
Pembroke, NC 28372
(910) 521-8013

Authority Having Jurisdiction
Harnett County Fire Marshal

Fire Protection Contact
ABL Fire Protection, LLC
Design: Michael Lamson
300 Hoke Street, Raleigh,
North Carolina 27601
(919) 602-6441



KEYPLAN



ABL FIRE PROTECTION, LLC
300 HOKE STREET, RALEIGH
NORTH CAROLINA 27601
Phone: (919) 835-2225
Fax: (919) 835-2210

Contractor Seal

Arthur K. Lamson, Jr.

Arthur K. Lamson, Jr. N.I.C.E.T. Level III #20462 FS

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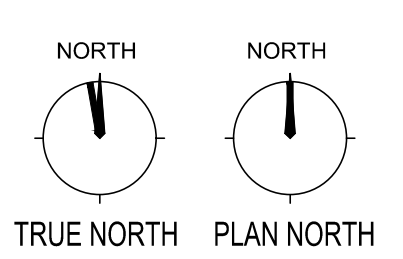
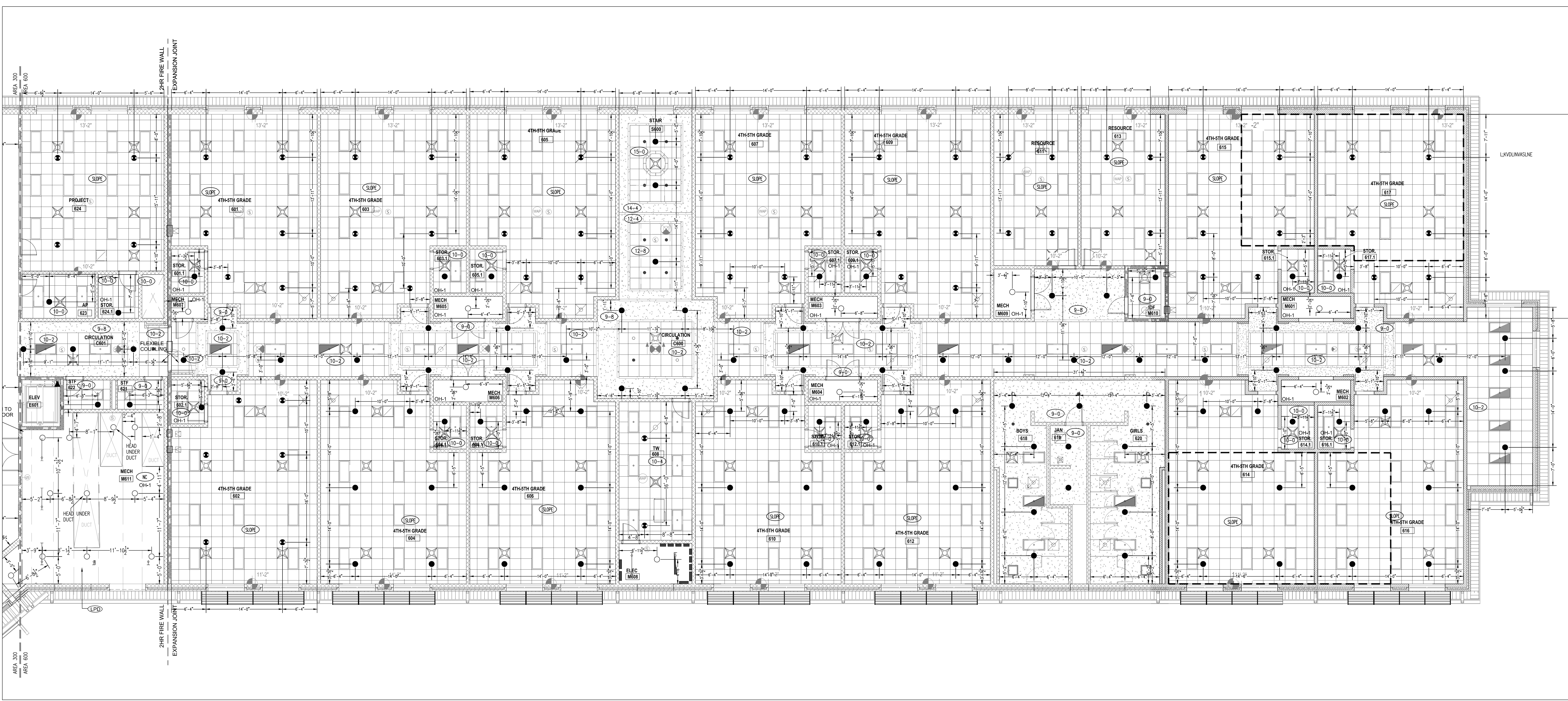
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DRAWN BY	CHRISTY LAMSON
DATE	04/19/2022
SCALE	1/8" = 1'-0" UNO
SPRINKLERS ON JOBS	979
CONTRACT NO.	4070

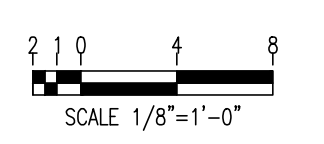
DESCRIPTION	REV DATE	BY
1 SUBMITTAL DRAWING	04/28/22	CL

SHEET TITLE
**AREA 600
SECOND FLOOR
FIRE SPRINKLER
REFLECTED CEILING
PIPING PLAN**

SHEET NUMBER
FP27



AREA-600 SECOND FLOOR - FIRE SPRINKLER REFLECTED CEILING PIPING PLAN
SCALE 1/8" = 1'-0"



TYPES OF SPRINKLERS OR EQUAL										
SYM.	MAKE	MODEL	SIN. NO.	SIZE	FINISH	TEMP.	TYPE	K=	ESCUTCHEON	QUAN.
●	TYCO	QR CONCEALED PENDENT RFII	TY3531	1/2"	WHITE	155°	PENDENT	5.6	WHITE	108
○	TYCO	QR CONCEALED PENDENT RFII	TY3531	1/2"	WHITE	200°	PENDENT	5.6	WHITE	-
●	TYCO	QR EC CONCEALED PENDENT RFII	TY3532	1/2"	BRASS	155°	PENDENT	5.6	WHITE	67
○	TYCO	QR RECESS PENDENT TY-FRB	TY3231	1/2"	WHITE	286°	PENDENT	5.6	WHITE	-
○	TYCO	QR UPRIGHT TY-FRB	TY3131	1/2"	BRASS	155°	UPRIGHT	5.6	WHITE	104
○	TYCO	QR DRY PENDENT DS-1	TY3235	1"	WHITE	155°	PENDENT	5.6	WHITE	-
○	TYCO	QR HORIZONTAL SIDE WALL TY-FRB	TY3331	1/2"	BRASS	155°	HSW	5.6	WHITE	1
TOTAL AMOUNT FOR LEVEL-02:										280

FIRE SPRINKLERS LEGEND:

- Hydraulic Reference Points
- 4 PT-IN Elev. Above Finished Floor
- 10 PT-IN Ceiling Height
- Denotes Hanger Location
- Rise up or down
- Rigid Coupling
- Low Point Drain