

Key Plan (not to scale)

10.	6/23/2021	BID ADDENDUM 5
9.	6/22/2021	BID ADDENDUM 4
8.	6/09/2021	BID ADDENDUM 1
7.	6/01/2021	ISSUED FOR BID
6.	5/07/2021	RE-ISSUED FOR BUILDING PERMIT REVIEW
5.	2/01/2021	ISSUED FOR BUILDING PERMIT REVIEW
4.	10/14/2020	ISSUED FOR PLANNING BOARD REVIEW
3.	9/23/2020	RESUBMITTED FOR ZONING REVIEW
2.	8/28/2020	ISSUED FOR PRELIMINARY DOB REVIEW
1.	1/10/2020	ISSUED FOR DD ESTIMATE

No. Date Revision/Submission

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Stamp

1 FIRST FLOOR R.C.P. SCALE: 1/8"=1'-0"

CEILING FIXTURE LEGEND	
○ A1	ROUND SURFACE MTD FIXTURE LOBBY - 1st FLOOR
○ A2	ROUND SURFACE MTD FIXTURE LOBBY - 2nd FLOOR
▭ B1	4x2 RECESSED TROFFER CLASSROOM
▭ B2	2x2 RECESSED TROFFER OFFICE / RESTROOM
▭ C1	4x2 RECESSED TROFFER CORRIDOR
▭ C2	2x2 RECESSED TROFFER CORRIDOR
---	D1 THEATER STEP LIGHT (DOWN-LIGHT)
---	D2 THEATER AISLE LIGHT (UP-LIGHT)
○ E	ROUND SURFACE MTD FIXTURE STAIR
○ F	RECESSED ROUND DOWNLIGHT CORRIDOR
▭ G	THEATER WALL LIGHT
▭ H	LINEAR STRIP UTILITY FIXTURE
▭ J	LINEAR STAGE WORK LIGHT
○ K	RECESSED ROUND DOWNLIGHT LIGHT LOCK
▲ L	WALL SCONCE STAIR
▲ M	WALL SCONCE EXTERIOR
○ P	RECESSED ROUND DOWNLIGHT EXTERIOR AWNING
○ Q	WALL MTD ROUND FIXTURE SKYLIGHT
○ R1	RECESSED ROUND DOWNLIGHT THEATER HOUSE LIGHT - ADJUSTABLE
○ R2	RECESSED ROUND DOWNLIGHT THEATER HOUSE LIGHT - FIXED
▲ S	WALL SCONCE ELEVATOR PIT
▲ T	SITE LIGHTING EXTERIOR - WALL MOUNTED
▲ U	SITE LIGHTING EXTERIOR - WALL MOUNTED
○	MECHANICAL SUPPLY DIFFUSER
○	MECHANICAL SUPPLY DIFFUSER
□	MECHANICAL RETURN/EXHAUST GRILLE
○	EXIT LIGHT - CEILING MTD
○	EXIT LIGHT - WALL MTD
•	SPRINKLER HEAD

Project Title
 IONA PREPARATORY SCHOOL
 ADDITION AND ALTERATION TO THE
 PAUL VERNI FINE ARTS CENTER

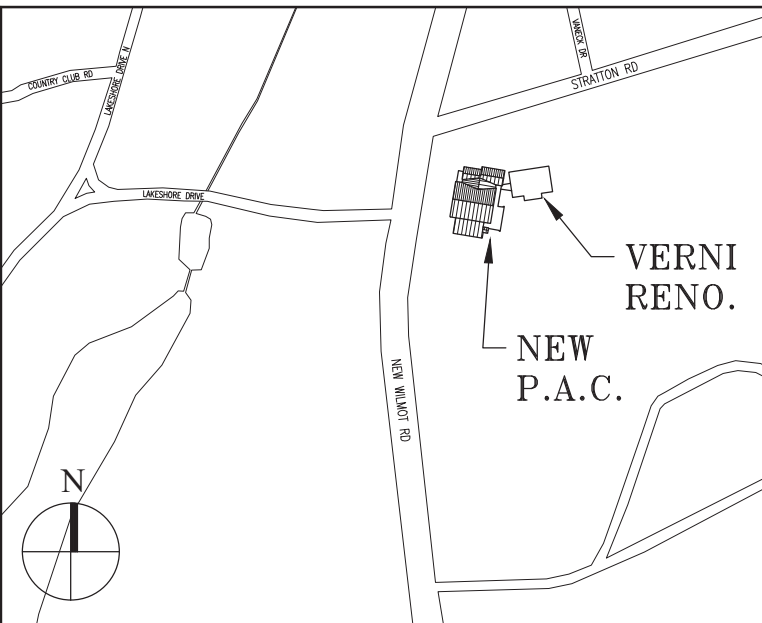
Project Address
 IONA PREPARATORY SCHOOL
 255 Wilnot Road
 New Rochelle, NY 10804

Drawing Title
 FIRST FLOOR
 REFLECTED CEILING PLAN

Scale	Job No.	Date	Drawing No.
AS NOTED	1618	04/03/2019	A-150

Drawn
 Peter Gisolfi Associates
 Architects Landscape Architects, LLP
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 Hastings on Hudson, NY 10706
 914 478 3677

PETER GISOLFI ASSOCIATES



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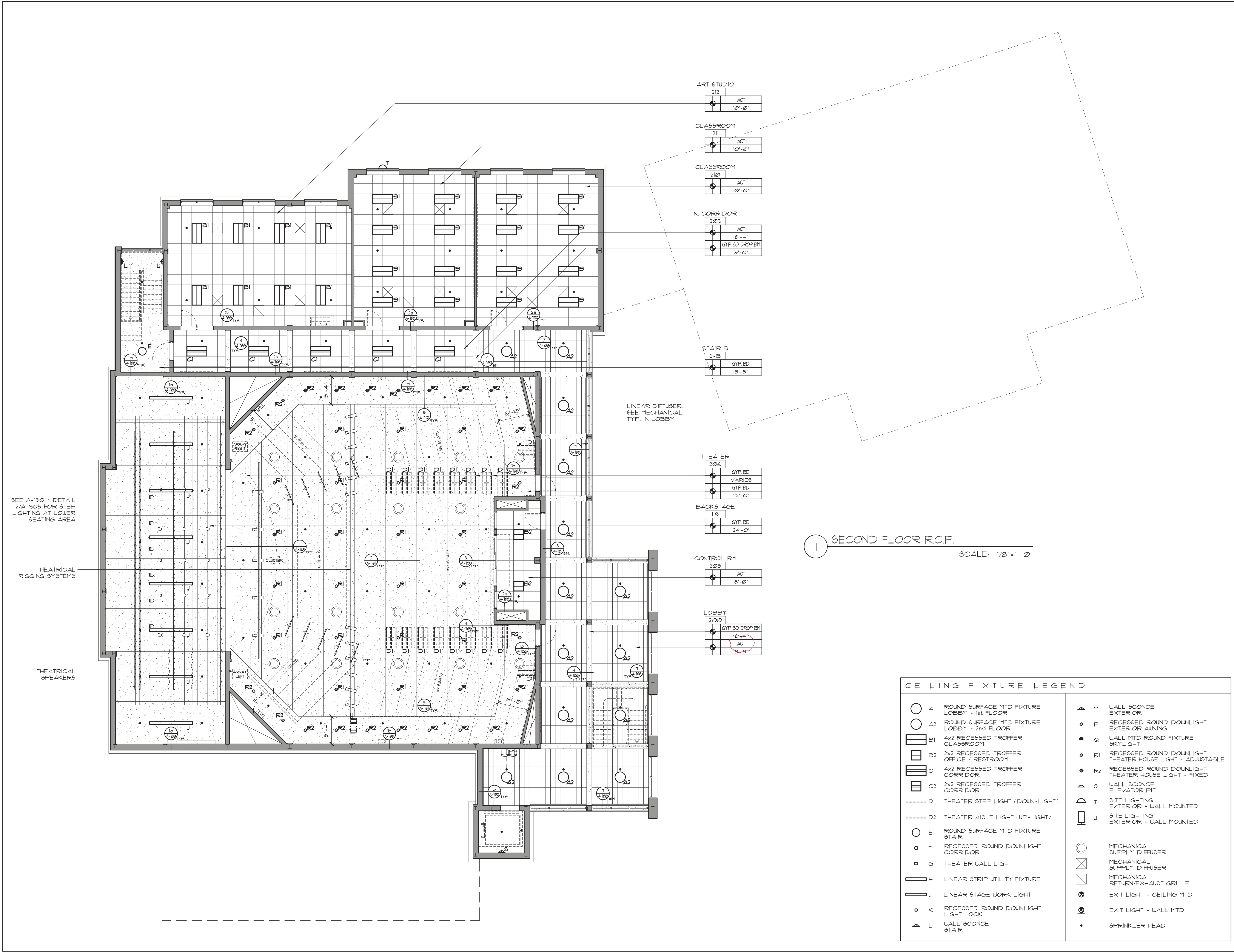
Drawing Title
 SECOND FLOOR
 REFLECTED CEILING PLAN

Scale	Job No.	Date	Drawing No.
AS NOTED	1618	04/03/2019	A-151

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ART STUDIO
 212
 ACT
 10'-0"

CLASSROOM
 211
 ACT
 10'-0"

CLASSROOM
 210
 ACT
 10'-0"

N. CORRIDOR
 203
 ACT
 8'-4"
 GFP BD DROP BY
 8'-0"

STAIR B
 2-B
 GFP. BD.
 8'-8"

LINEAR DIFFUSER,
 SEE MECHANICAL,
 TYP. IN LOBBY

THEATER
 206
 GFP. BD.
 VARIES
 GFP. BD.
 22'-0"

BACKSTAGE
 118
 GFP. BD.
 24'-0"

CONTROL RM
 205
 ACT
 8'-0"

LOBBY
 200
 GFP BD DROP BY
 8'-4"
 ACT
 8'-8"

① SECOND FLOOR R.C.P. SCALE: 1/8"=1'-0"

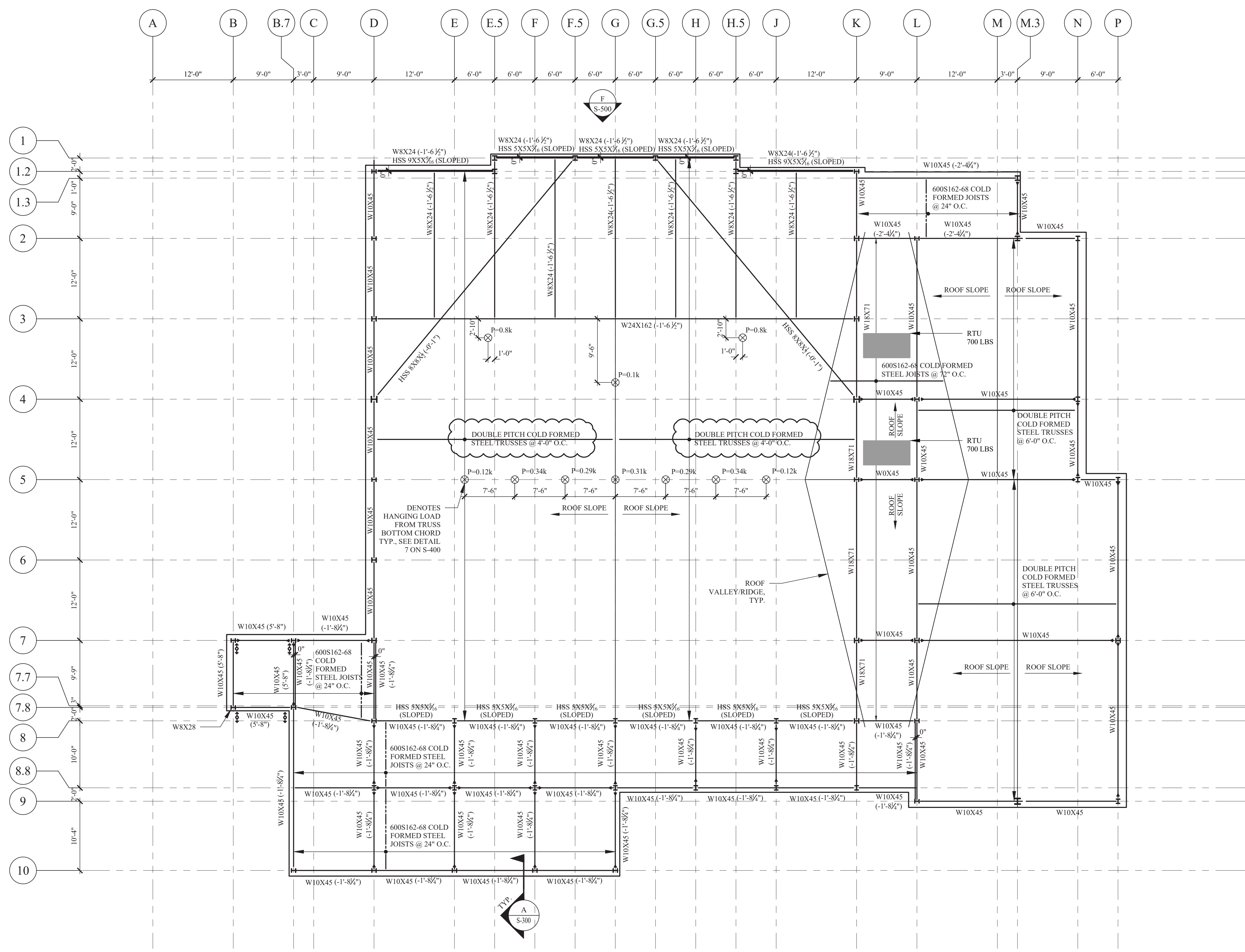
SEE A-150 4 DETAIL
 2/4-305 FOR STEP
 LIGHTING AT LOWER
 SEATING AREA

THEATRICAL
 RIGGING SYSTEMS

THEATRICAL
 SPEAKERS

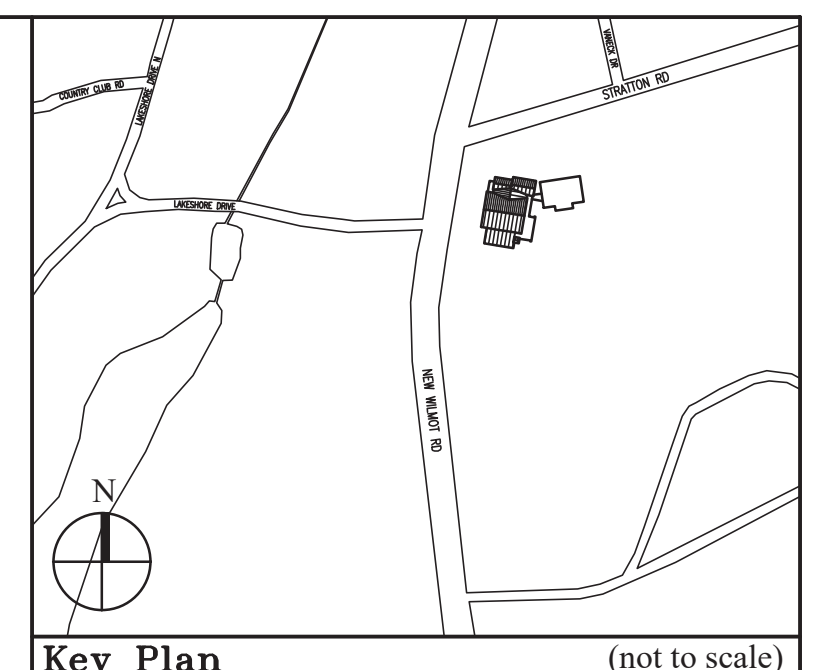
CEILING FIXTURE LEGEND

○ A1	ROUND SURFACE MTD FIXTURE LOBBY - 1st FLOOR	▲ M	WALL SCONCE EXTERIOR
○ A2	ROUND SURFACE MTD FIXTURE LOBBY - 2nd FLOOR	● P	RECESSED ROUND DOWNLIGHT EXTERIOR AWNING
▭ B1	4x2 RECESSED TROFFER CLASSROOM	● Q	WALL MTD ROUND FIXTURE SKYLIGHT
▭ B2	2x2 RECESSED TROFFER OFFICE / RESTROOM	● R1	RECESSED ROUND DOWNLIGHT THEATER HOUSE LIGHT - ADJUSTABLE
▭ C1	4x2 RECESSED TROFFER CORRIDOR	● R2	RECESSED ROUND DOWNLIGHT THEATER HOUSE LIGHT - FIXED
▭ C2	2x2 RECESSED TROFFER CORRIDOR	▲ S	WALL SCONCE ELEVATOR PIT
----- D1	THEATER STEP LIGHT (DOWN-LIGHT)	▲ T	SITE LIGHTING EXTERIOR - WALL MOUNTED
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○ E	ROUND SURFACE MTD FIXTURE STAIR	○	MECHANICAL SUPPLY DIFFUSER
● F	RECESSED ROUND DOWNLIGHT CORRIDOR	⊗	MECHANICAL SUPPLY DIFFUSER
■ G	THEATER WALL LIGHT	□	MECHANICAL RETURN/EXHAUST GRILLE
▬ H	LINEAR STRIP UTILITY FIXTURE	⊙	EXIT LIGHT - CEILING MTD
▬ J	LINEAR STAGE WORK LIGHT	⊙	EXIT LIGHT - WALL MTD
● K	RECESSED ROUND DOWNLIGHT LIGHT LOCK	•	SPRINKLER HEAD
▲ L	WALL SCONCE STAIR		



A ROOF PLAN
SCALE: 1/8"=1'-0"

- NOTES:
- SEE S-300 FOR TYPICAL STEEL DETAILS.
 - TOP OF STEEL ELEVATION IS 25'-0 1/2". VALUE (X'-XX") BEHIND BEAM ID IS ELEVATION RELATIVE TO TYPICAL TOP OF STEEL ELEVATION.
 - VULCRAFT 1.5B22 METAL DECK TO SPAN BETWEEN ROOF JOISTS AND TRUSSES.
 - SEE S-500 AND S-501 FOR BRACED FRAME ELEVATIONS.
 - SEE S-600 AND S-601 FOR BEAM REACTIONS FOR CONNECTION DESIGN BY STEEL FABRICATOR.
 - DESIGN TRUSS FOR UPLIFT PRESSURE OF 19 PSF DUE TO WIND. DESIGN OF CFS IS BY DELEGATED ENGINEER PER NOTES ON S-002.
 - SEE S-601 FOR DRIFT SURCHARGE.



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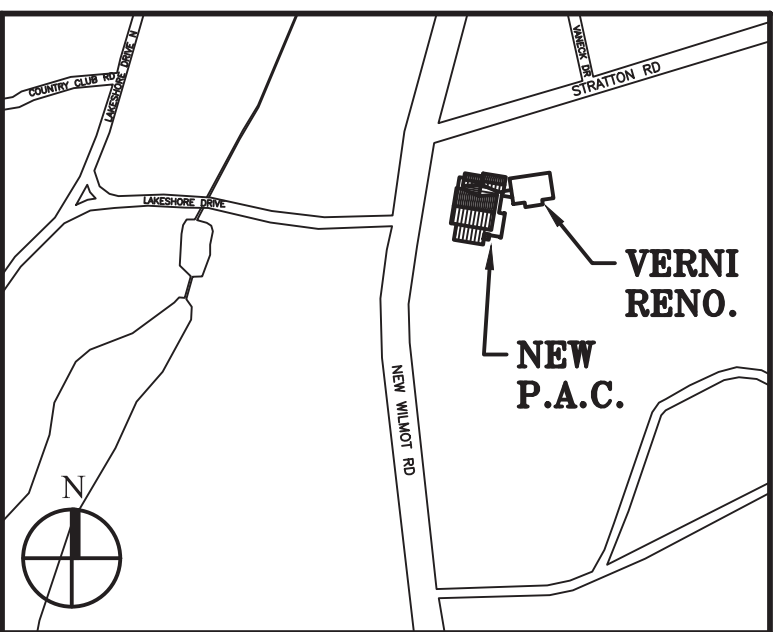
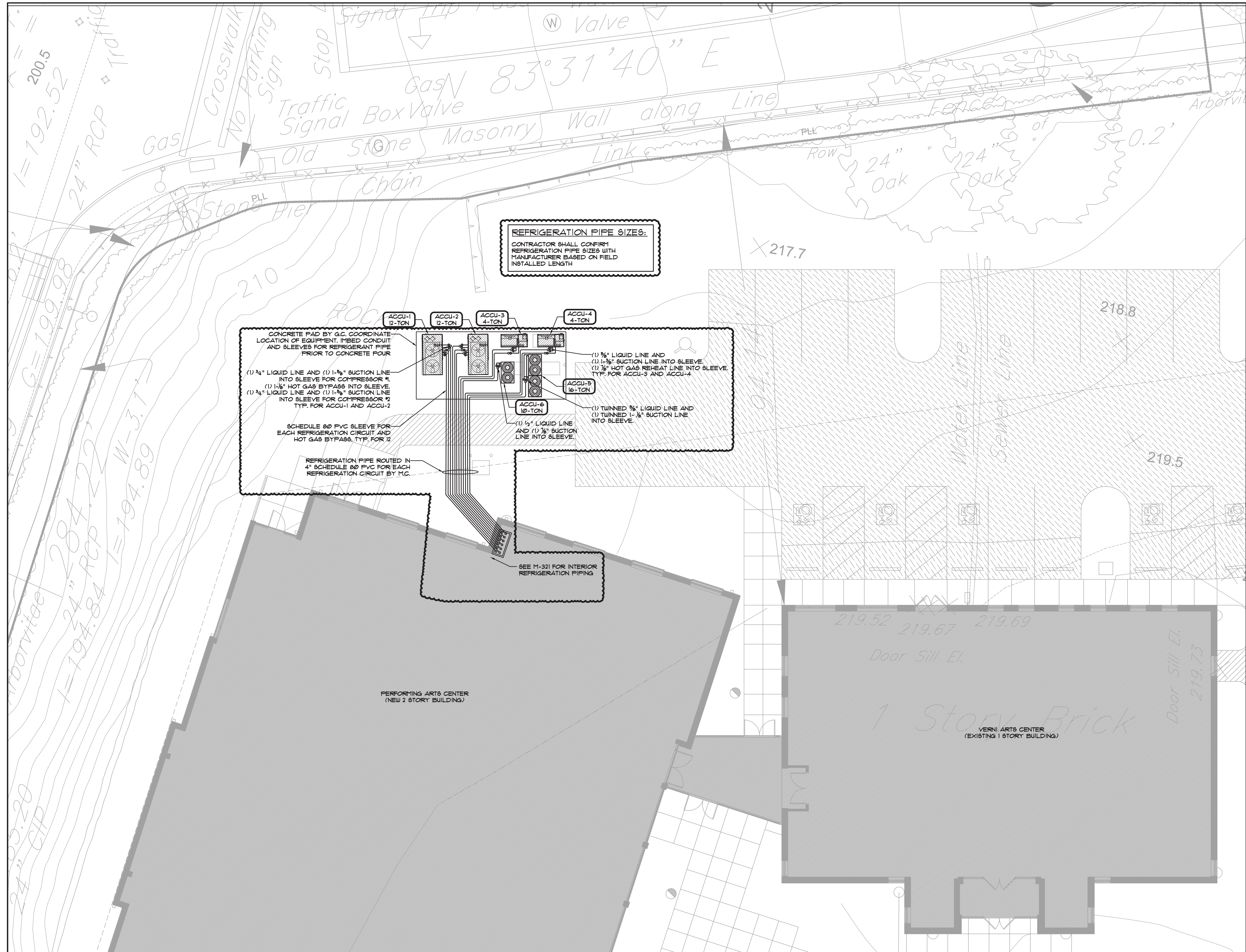
Project Address
**IONA PREPARATORY SCHOOL
255 Wilmot Road
New Rochelle, NY 10804**

Drawing Title
ROOF PLAN

Scale	Job No.	Date	Drawing No.
	1618	04/03/2019	S-103.00

Drawn
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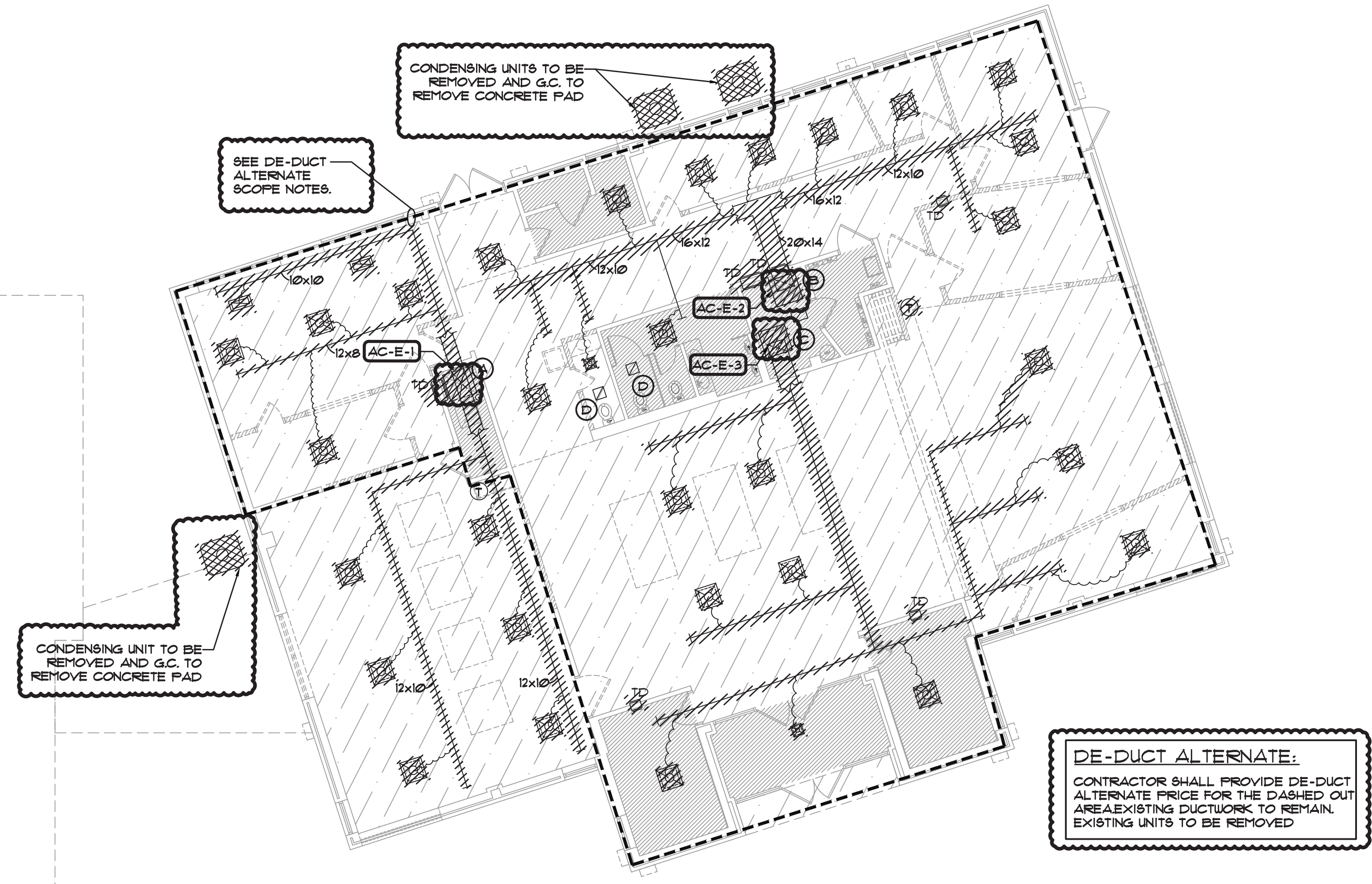
Drawing Title
MECHANICAL SITE PLAN

Scale	Job No.	Date	Drawing No.
1/8"=1'-0"	20-2723	04/03/2019	M-103

Drawn

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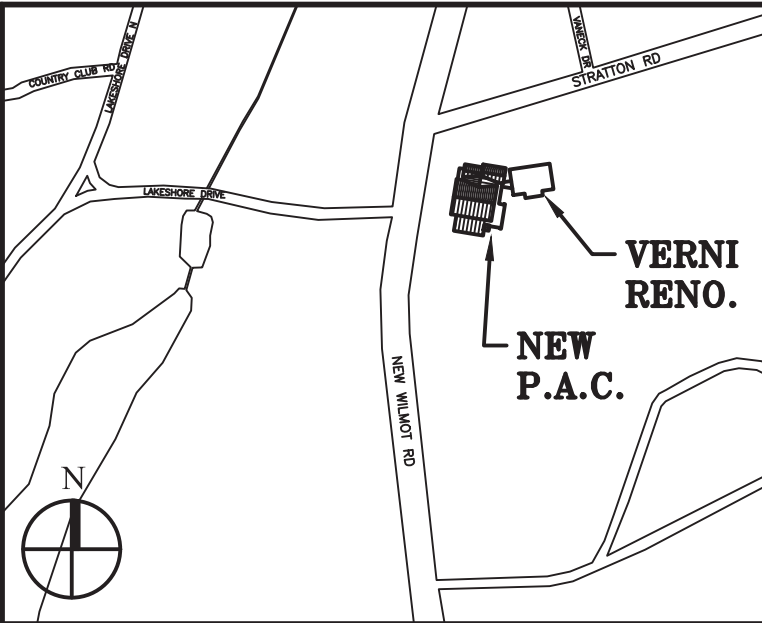
SEE DE-DUCT ALTERNATE SCOPE NOTES.

CONDENSING UNITS TO BE REMOVED AND G.C. TO REMOVE CONCRETE PAD

CONDENSING UNIT TO BE REMOVED AND G.C. TO REMOVE CONCRETE PAD

DE-DUCT ALTERNATE:
 CONTRACTOR SHALL PROVIDE DE-DUCT ALTERNATE PRICE FOR THE DASHED OUT AREA EXISTING DUCTWORK TO REMAIN. EXISTING UNITS TO BE REMOVED

- MECHANICAL DEMOLITION NOTES:**
- (A) AC-E-1: EXISTING 4.0 TON LUXAIRE INDOOR UNIT
 M/N: FC48C3XNH
 S/N: WIN2331B3
 GAS FURNACE
 EXISTING AMERICAN STANDARD ALLEGIANCE 12 OUTDOOR UNIT
 M/N: 1C2060A300A1
 S/N: R214F6CF
 - (B) AC-E-2: EXISTING 3.75 TON AMERICAN STANDARD INDOOR UNIT
 M/N: C0C045A4ACD0
 S/N: Z421U05G
 GAS FURNACE
 AMERICAN STANDARD OUTDOOR UNIT
 - (C) AC-E-3: EXISTING 5.0 TON LUXAIRE INDOOR UNIT
 M/N: FC60C3XCIA
 S/N: WIN231B5T1
 GAS FURNACE
 M/N: AUP120C354K0
 S/N: Z41LGD2G
 EXISTING AMERICAN STANDARD OUTDOOR UNIT
 - (D) REMOVE EXISTING BATHROOM EXHAUST FAN



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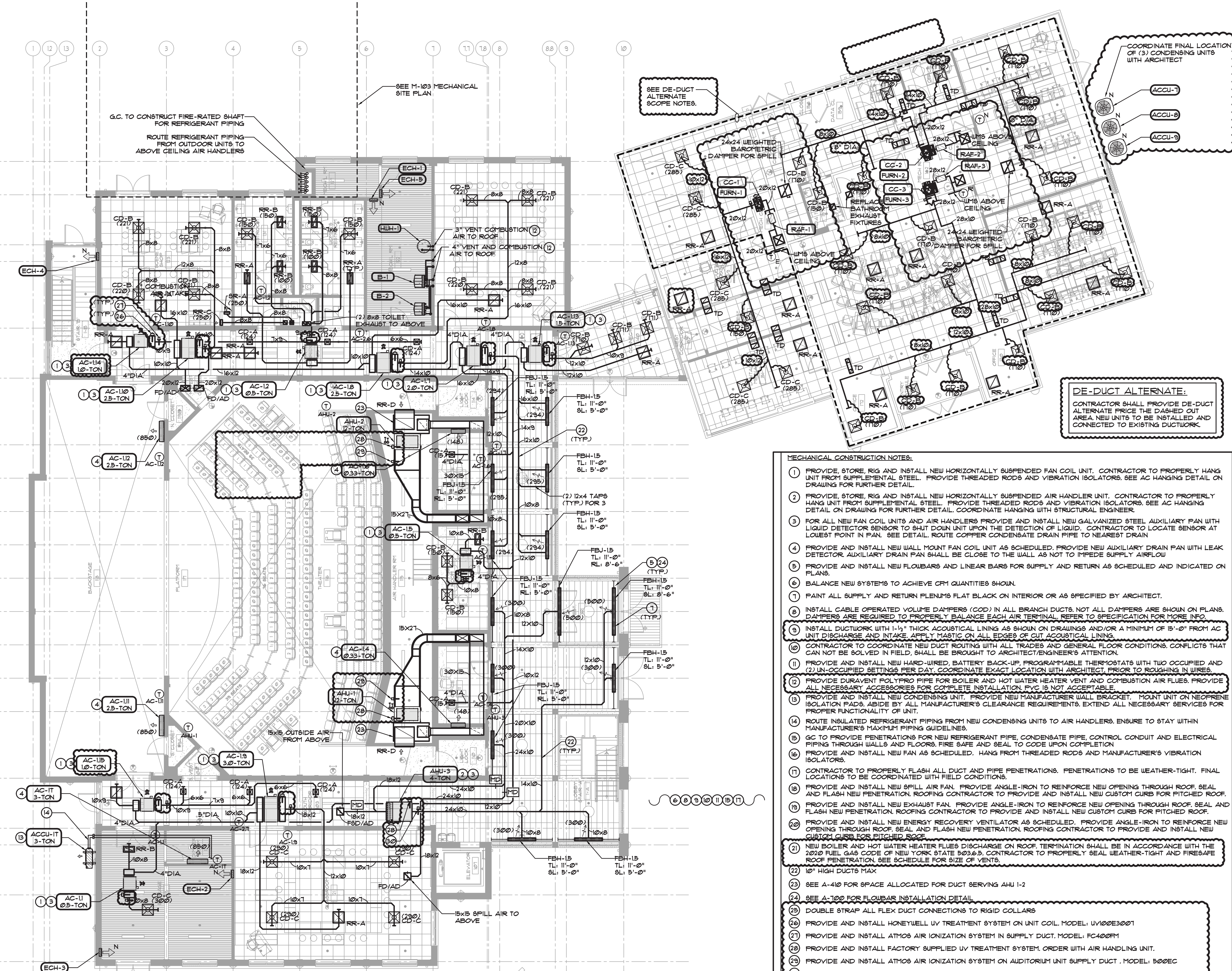
Project Address
 IONA PREPARATORY SCHOOL
 255 Wilmot Road
 New Rochelle, NY 10804

Drawing Title
 FIRST FLOOR MECHANICAL
 DEMOLITION PLAN

Scale 1/8"=1'-0"	Job No. 20-2723	Date 04/03/2019	Drawing No. M-201
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G.C. TO CONSTRUCT FIRE-RATED SHAFT FOR REFRIGERANT PIPING
ROUTE REFRIGERANT PIPING FROM OUTDOOR UNITS TO ABOVE CEILING AIR HANDLERS

SEE M-103 MECHANICAL SITE PLAN

SEE DE-DUCT ALTERNATE SCOPE NOTES.

DE-DUCT ALTERNATE:
CONTRACTOR SHALL PROVIDE DE-DUCT ALTERNATE PRICE THE DASHED OUT AREA. NEW UNITS TO BE INSTALLED AND CONNECTED TO EXISTING DUCTWORK.

MECHANICAL CONSTRUCTION NOTES:

- 1 PROVIDE, STORE, RIG AND INSTALL NEW HORIZONTALLY SUSPENDED FAN COIL UNIT. CONTRACTOR TO PROPERLY HANG UNIT FROM SUPPLEMENTAL STEEL. PROVIDE THREADED RODS AND VIBRATION ISOLATORS. SEE AC HANGING DETAIL ON DRAWING FOR FURTHER DETAIL.
- 2 PROVIDE, STORE, RIG AND INSTALL NEW HORIZONTALLY SUSPENDED AIR HANDLER UNIT. CONTRACTOR TO PROPERLY HANG UNIT FROM SUPPLEMENTAL STEEL. PROVIDE THREADED RODS AND VIBRATION ISOLATORS. SEE AC HANGING DETAIL ON DRAWING FOR FURTHER DETAIL. COORDINATE HANGING WITH STRUCTURAL ENGINEER.
- 3 FOR ALL NEW FAN COIL UNITS AND AIR HANDLERS PROVIDE AND INSTALL NEW GALVANIZED STEEL AUXILIARY PAN WITH LIQUID DETECTOR SENSOR TO SHUT DOWN UNIT UPON THE DETECTION OF LIQUID. CONTRACTOR TO LOCATE SENSOR AT LOWEST POINT IN PAN. SEE DETAIL. ROUTE COPPER CONDENSATE DRAIN PIPE TO NEAREST DRAIN.
- 4 PROVIDE AND INSTALL NEW WALL MOUNT FAN COIL UNIT AS SCHEDULED. PROVIDE NEW AUXILIARY DRAIN PAN WITH LEAK DETECTOR. AUXILIARY DRAIN PAN SHALL BE CLOSE TO THE WALL AS NOT TO IMPEDE SUPPLY AIRFLOW.
- 5 PROVIDE AND INSTALL NEW FLOUBARS AND LINEAR BARS FOR SUPPLY AND RETURN AS SCHEDULED AND INDICATED ON PLANS.
- 6 BALANCE NEW SYSTEMS TO ACHIEVE CFM QUANTITIES SHOWN.
- 7 PAINT ALL SUPPLY AND RETURN PLENUMS FLAT BLACK ON INTERIOR OR AS SPECIFIED BY ARCHITECT.
- 8 INSTALL CABLE OPERATED VOLUME DAMPERS (COD) IN ALL BRANCH DUCTS. NOT ALL DAMPERS ARE SHOWN ON PLANS. DAMPERS ARE REQUIRED TO PROPERLY BALANCE EACH AIR TERMINAL. REFER TO SPECIFICATION FOR MORE INFO.
- 9 INSTALL DUCTWORK WITH 1-1/2" THICK ACOUSTICAL LINING AS SHOWN ON DRAWINGS AND/OR A MINIMUM OF 15'-0" FROM AC UNIT DISCHARGE AND INTAKE. APPLY MASTIC ON ALL EDGES OF CUT ACOUSTICAL LINING.
- 10 CONTRACTOR TO COORDINATE NEW DUCT ROUTING WITH ALL TRADES AND GENERAL FLOOR CONDITIONS. CONFLICTS THAT CAN NOT BE SOLVED IN FIELD, SHALL BE BROUGHT TO ARCHITECT/ENGINEER'S ATTENTION.
- 11 PROVIDE AND INSTALL NEW HARD-WIRED, BATTERY BACK-UP, PROGRAMMABLE THERMOSTATS WITH TWO OCCUPIED AND (2) UN-OCCUPIED SETTINGS PER DAY. COORDINATE EXACT LOCATION WITH ARCHITECT. PRIOR TO ROUGHING IN WIRES.
- 12 PROVIDE DURABLE POLYPRO PIPE FOR BOILER AND HOT WATER HEATER VENT AND COMBUSTION AIR FLUES. PROVIDE ALL NECESSARY ACCESSORIES FOR COMPLETE INSTALLATION. PVC IS NOT ACCEPTABLE.
- 13 PROVIDE AND INSTALL NEW CONDENSING UNIT. PROVIDE NEW MANUFACTURER WALL BRACKET. MOUNT UNIT ON NEOPRENE ISOLATION PADS. ABIDE BY ALL MANUFACTURER'S CLEARANCE REQUIREMENTS. EXTEND ALL NECESSARY SERVICES FOR PROPER FUNCTIONALITY OF UNIT.
- 14 ROUTE INSULATED REFRIGERANT PIPING FROM NEW CONDENSING UNITS TO AIR HANDLERS. ENSURE TO STAY WITHIN MANUFACTURER'S MAXIMUM PIPING GUIDELINES.
- 15 G.C. TO PROVIDE PENETRATIONS FOR NEW REFRIGERANT PIPE, CONDENSATE PIPE, CONTROL CONDUIT AND ELECTRICAL PIPING THROUGH WALLS AND FLOORS. FIRE SAFE AND SEAL TO CODE UPON COMPLETION.
- 16 PROVIDE AND INSTALL NEW FAN AS SCHEDULED. HANG FROM THREADED RODS AND MANUFACTURER'S VIBRATION ISOLATORS.
- 17 CONTRACTOR TO PROPERLY FLASH ALL DUCT AND PIPE PENETRATIONS. PENETRATIONS TO BE WEATHER-TIGHT. FINAL LOCATIONS TO BE COORDINATED WITH FIELD CONDITIONS.
- 18 PROVIDE AND INSTALL NEW SPILL AIR FAN. PROVIDE ANGLE-IRON TO REINFORCE NEW OPENING THROUGH ROOF. SEAL AND FLASH NEW PENETRATION. ROOFING CONTRACTOR TO PROVIDE AND INSTALL NEW CUSTOM CURB FOR PITCHED ROOF.
- 19 PROVIDE AND INSTALL NEW EXHAUST FAN. PROVIDE ANGLE-IRON TO REINFORCE NEW OPENING THROUGH ROOF. SEAL AND FLASH NEW PENETRATION. ROOFING CONTRACTOR TO PROVIDE AND INSTALL NEW CUSTOM CURB FOR PITCHED ROOF.
- 20 PROVIDE AND INSTALL NEW ENERGY RECOVERY VENTILATOR AS SCHEDULED. PROVIDE ANGLE-IRON TO REINFORCE NEW OPENING THROUGH ROOF. SEAL AND FLASH NEW PENETRATION. ROOFING CONTRACTOR TO PROVIDE AND INSTALL NEW CUSTOM CURB FOR PITCHED ROOF.
- 21 NEW BOILER AND HOT WATER HEATER FLUES DISCHARGE ON ROOF. TERMINATION SHALL BE IN ACCORDANCE WITH THE 2010 FUEL GAS CODE OF NEW YORK STATE 503.6.5. CONTRACTOR TO PROPERLY SEAL WEATHER-TIGHT AND FIRE-SAFE ROOF PENETRATION. SEE SCHEDULE FOR SIZE OF VENTS.
- 22 10" HIGH DUCTS MAX
- 23 SEE A-410 FOR SPACE ALLOCATED FOR DUCT SERVING AHU 1-2
- 24 SEE A-100 FOR FLOUBAR INSTALLATION DETAIL
- 25 DOUBLE STRAP ALL FLEX DUCT CONNECTIONS TO RIGID COLLARS
- 26 PROVIDE AND INSTALL HONEYWELL UV TREATMENT SYSTEM ON UNIT COIL. MODEL: UV100E3001
- 27 PROVIDE AND INSTALL ATMOS AIR IONIZATION SYSTEM IN SUPPLY DUCT. MODEL: FC400FM
- 28 PROVIDE AND INSTALL FACTORY SUPPLIED UV TREATMENT SYSTEM. ORDER WITH AIR HANDLING UNIT.
- 29 PROVIDE AND INSTALL ATMOS AIR IONIZATION SYSTEM ON AUDITORIUM UNIT SUPPLY DUCT. MODEL: 500EC
- 30 PROVIDE AND INSTALL ATMOS AIR IONIZATION SYSTEM ON LOBBY UNIT SUPPLY DUCT. MODEL: MATTERHORN 1000

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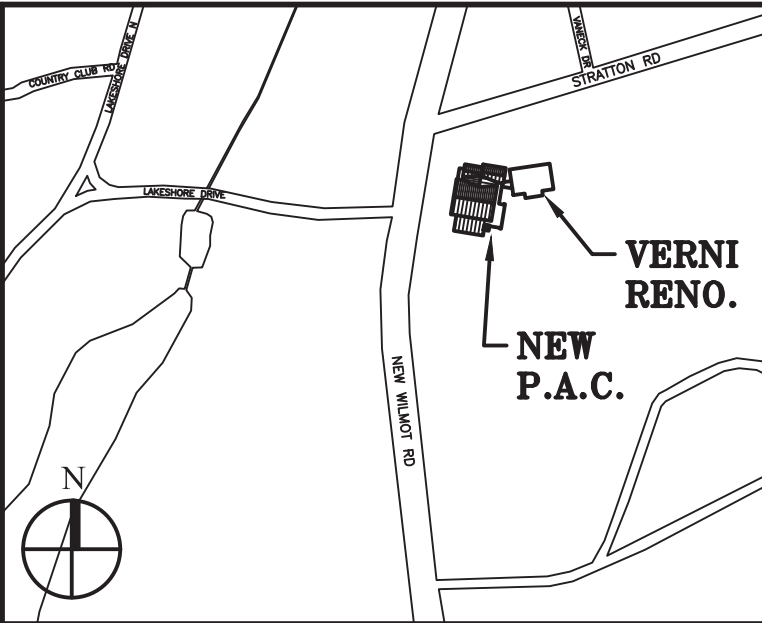
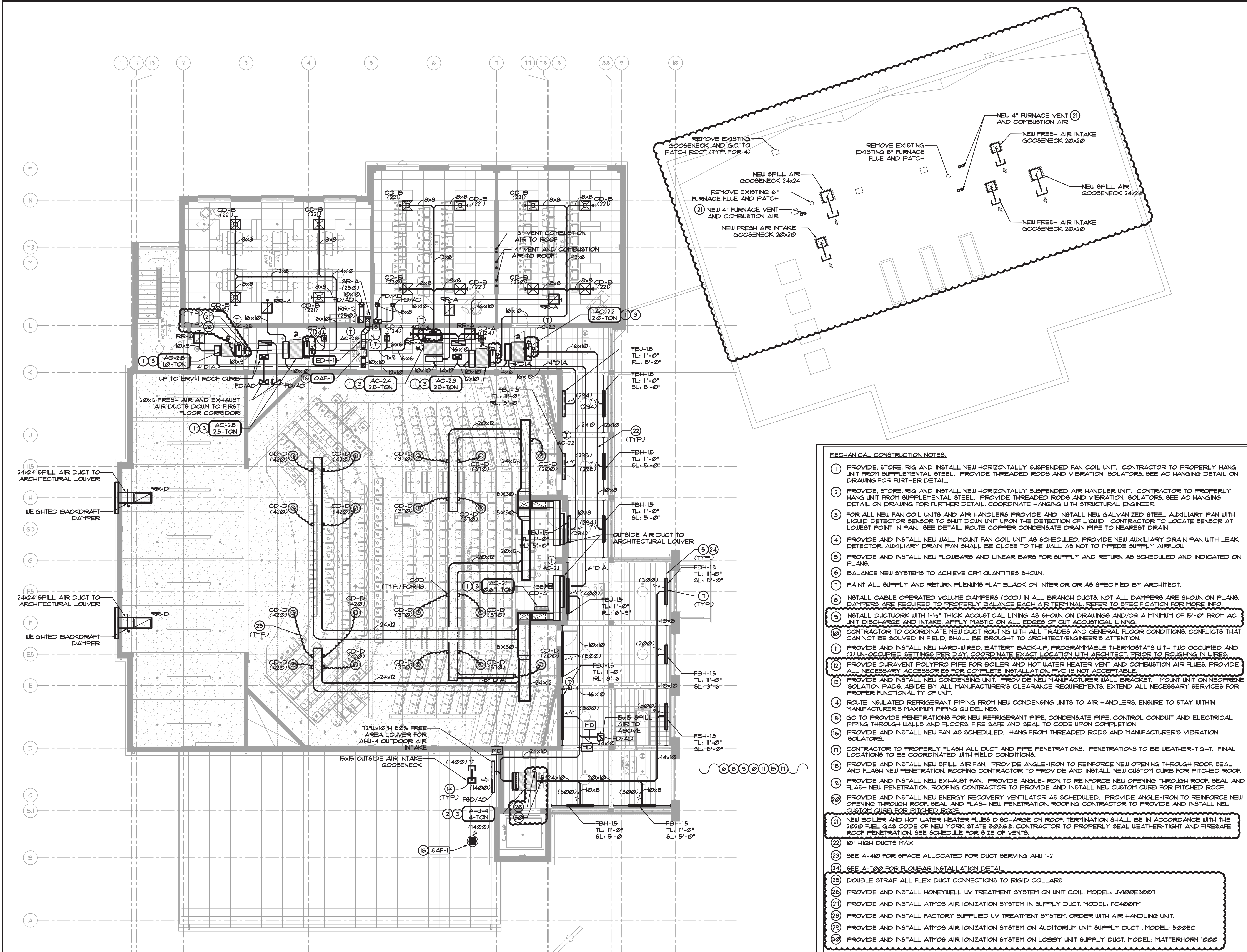
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IONA PREPARATORY SCHOOL
ADDITION AND ALTERATION TO THE
PAUL VERNI FINE ARTS CENTER

Project Address
IONA PREPARATORY SCHOOL
255 Wilmot Road
New Rochelle, NY 10804

Drawing Title
FIRST FLOOR MECHANICAL
CONSTRUCTION PLAN

Scale Job No. Date Drawing No.
1/8"=1'-0" 20-2723 04/03/2019 M-301

Peter Gisolfi Associates
Architects Landscape Architects, LLP
566 Warburton Avenue
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914 478 3677
PETER GISOLFI ASSOCIATES



Key Plan (not to scale)

11.	6/23/2021	BID ADDENDUM 5
10.	6/18/2021	ISSUED FOR BUILDING PERMIT
9.	6/09/2021	RE-ISSUED FOR BUILDING PERMIT REVIEW
8.	6/09/2021	BID ADDENDUM 1
7.	6/01/2021	ISSUED FOR BID
6.	6/07/2021	RE-ISSUED FOR BUILDING PERMIT REVIEW
5.	2/01/2021	ISSUED FOR BUILDING PERMIT REVIEW
4.	10/14/2020	ISSUED FOR PLANNING BOARD REVIEW
3.	9/23/2020	RESUBMITTED FOR ZONING REVIEW
2.	8/28/2020	ISSUED FOR PRELIMINARY DOB REVIEW
1.	1/10/2020	ISSUED FOR DD ESTIMATE

No. Date Revision/Submission

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 VALHALLA, NY 10986
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Project Title
**IONA PREPARATORY SCHOOL
 ADDITION AND ALTERATION TO THE
 PAUL VERNI FINE ARTS CENTER**

Project Address
**IONA PREPARATORY SCHOOL
 255 Wilmot Road
 New Rochelle, NY 10804**

Drawing Title
**SECOND FLOOR MECHANICAL
 CONSTRUCTION PLAN**

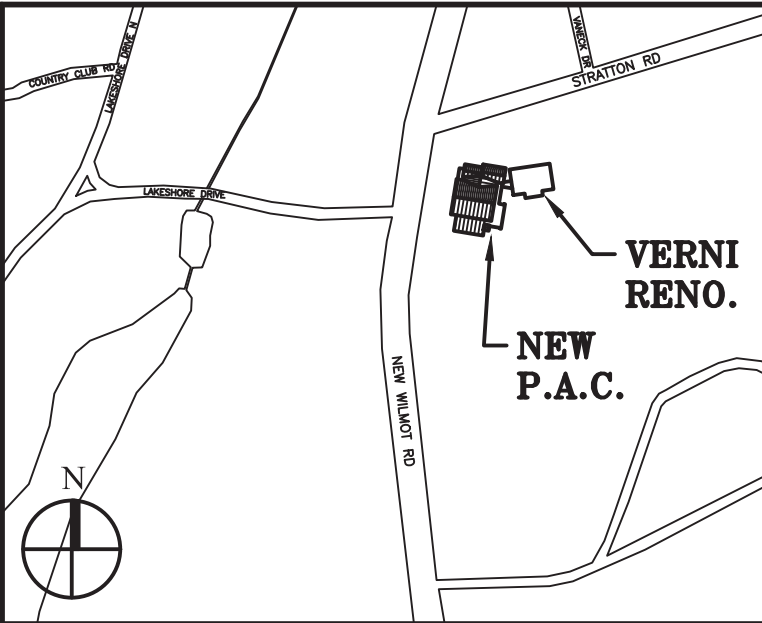
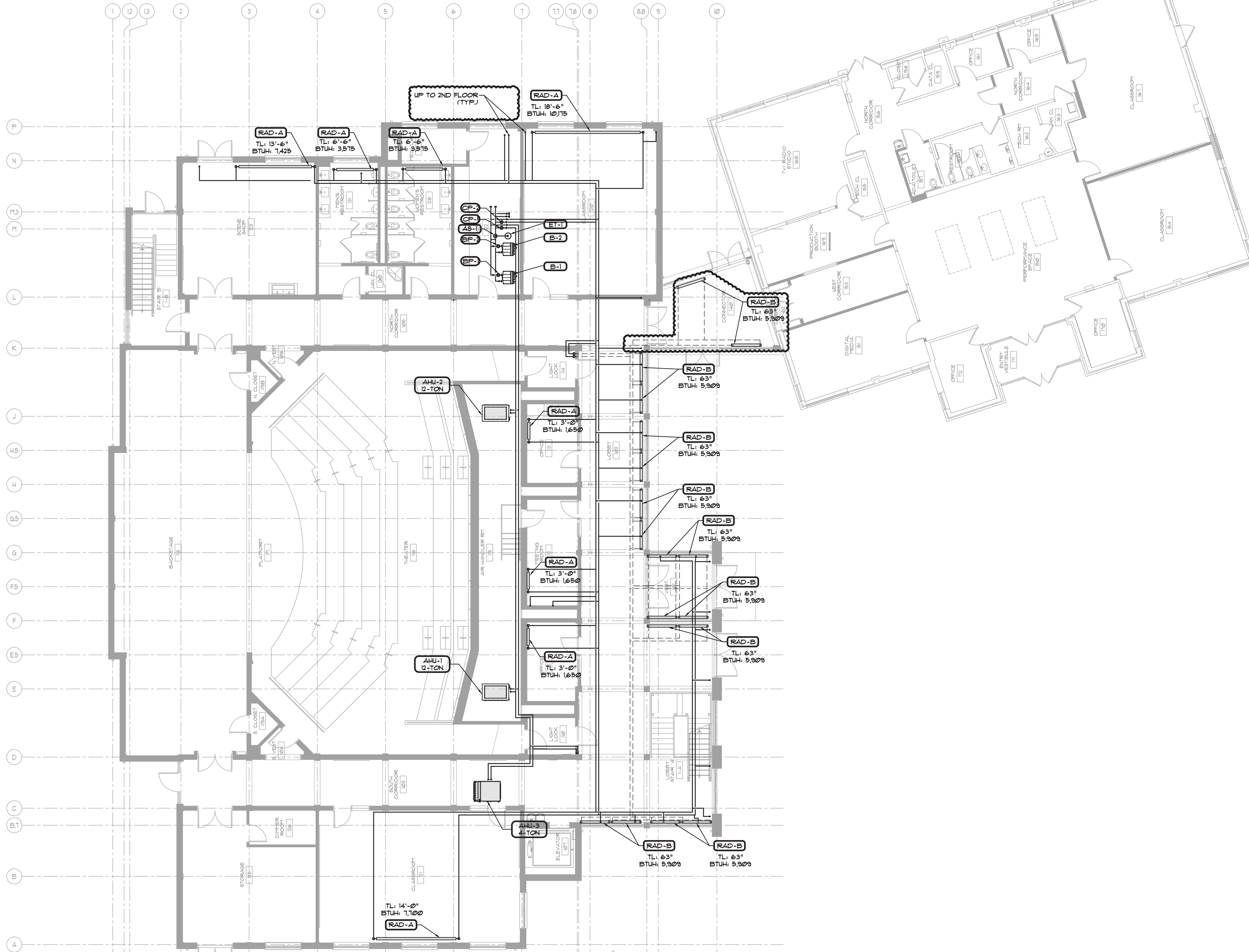
Scale	Job No.	Date	Drawing No.
1/8"=1'-0"	20-2723	04/03/2019	M-302

Drawn

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- MECHANICAL CONSTRUCTION NOTES:**
- PROVIDE, STORE, RIG AND INSTALL NEW HORIZONTALLY SUSPENDED FAN COIL UNIT. CONTRACTOR TO PROPERLY HANG UNIT FROM SUPPLEMENTAL STEEL. PROVIDE THREADED RODS AND VIBRATION ISOLATORS. SEE AC HANGING DETAIL ON DRAWING FOR FURTHER DETAIL.
 - PROVIDE, STORE, RIG AND INSTALL NEW HORIZONTALLY SUSPENDED AIR HANDLER UNIT. CONTRACTOR TO PROPERLY HANG UNIT FROM SUPPLEMENTAL STEEL. PROVIDE THREADED RODS AND VIBRATION ISOLATORS. SEE AC HANGING DETAIL ON DRAWING FOR FURTHER DETAIL. COORDINATE HANGING WITH STRUCTURAL ENGINEER.
 - FOR ALL NEW FAN COIL UNITS AND AIR HANDLERS PROVIDE AND INSTALL NEW GALVANIZED STEEL AUXILIARY FAN WITH LIQUID DETECTOR SENSOR TO SHUT DOWN UNIT UPON THE DETECTION OF LIQUID. CONTRACTOR TO LOCATE SENSOR AT LOWEST POINT IN FAN. SEE DETAIL. ROUTE COPPER CONDENSATE DRAIN PIPE TO NEAREST DRAIN.
 - PROVIDE AND INSTALL NEW WALL MOUNT FAN COIL UNIT AS SCHEDULED. PROVIDE NEW AUXILIARY DRAIN PAN WITH LEAK DETECTOR. AUXILIARY DRAIN PAN SHALL BE CLOSE TO THE WALL AS NOT TO IMPEDE SUPPLY AIRFLOW.
 - PROVIDE AND INSTALL NEW FLOUBARS AND LINEAR BARS FOR SUPPLY AND RETURN AS SCHEDULED AND INDICATED ON PLANS.
 - BALANCE NEW SYSTEMS TO ACHIEVE CFM QUANTITIES SHOWN.
 - PAINT ALL SUPPLY AND RETURN PLENUMS FLAT BLACK ON INTERIOR OR AS SPECIFIED BY ARCHITECT.
 - INSTALL CABLE OPERATED VOLUME DAMPERS (COD) IN ALL BRANCH DUCTS. NOT ALL DAMPERS ARE SHOWN ON PLANS. DAMPERS ARE REQUIRED TO PROPERLY BALANCE EACH AIR TERMINAL. REFER TO SPECIFICATION FOR MORE INFO.
 - INSTALL DUCTWORK WITH 1-1/2" THICK ACOUSTICAL LINING AS SHOWN ON DRAWINGS AND/OR A MINIMUM OF 15'-0" FROM AC UNIT DISCHARGE AND INTAKE. APPLY MASTIC ON ALL EDGES OF CUT ACOUSTICAL LINING.
 - CONTRACTOR TO COORDINATE NEW DUCT ROUTING WITH ALL TRADES AND GENERAL FLOOR CONDITIONS. CONFLICTS THAT CAN NOT BE SOLVED IN FIELD, SHALL BE BROUGHT TO ARCHITECT/ENGINEER'S ATTENTION.
 - PROVIDE AND INSTALL NEW HARD-WIRED, BATTERY BACK-UP, PROGRAMMABLE THERMOSTATS WITH TWO OCCUPIED AND (2) UN-OCCUPIED SETTINGS PER DAY. COORDINATE EXACT LOCATION WITH ARCHITECT PRIOR TO ROUGHING IN WIRES.
 - PROVIDE DURAVENT POLYPRO PIPE FOR BOILER AND HOT WATER HEATER VENT AND COMBUSTION AIR FLUES. PROVIDE ALL NECESSARY ACCESSORIES FOR COMPLETE INSTALLATION. PVC IS NOT ACCEPTABLE.
 - PROVIDE AND INSTALL NEW CONDENSING UNIT. PROVIDE NEW MANUFACTURER WALL BRACKET. MOUNT UNIT ON NEOPRENE ISOLATION PADS. ABIDE BY ALL MANUFACTURER'S CLEARANCE REQUIREMENTS. EXTEND ALL NECESSARY SERVICES FOR PROPER FUNCTIONALITY OF UNIT.
 - ROUTE INSULATED REFRIGERANT PIPING FROM NEW CONDENSING UNITS TO AIR HANDLERS. ENSURE TO STAY WITHIN MANUFACTURER'S MAXIMUM PIPING GUIDELINES.
 - GC TO PROVIDE PENETRATIONS FOR NEW REFRIGERANT PIPE, CONDENSATE PIPE, CONTROL CONDUIT AND ELECTRICAL PIPING THROUGH WALLS AND FLOORS. FIRE SAFE AND SEAL TO CODE UPON COMPLETION.
 - PROVIDE AND INSTALL NEW FAN AS SCHEDULED. HANG FROM THREADED RODS AND MANUFACTURER'S VIBRATION ISOLATORS.
 - CONTRACTOR TO PROPERLY FLASH ALL DUCT AND PIPE PENETRATIONS. PENETRATIONS TO BE WEATHER-TIGHT. FINAL LOCATIONS TO BE COORDINATED WITH FIELD CONDITIONS.
 - PROVIDE AND INSTALL NEW SPILL AIR FAN. PROVIDE ANGLE-IRON TO REINFORCE NEW OPENING THROUGH ROOF. SEAL AND FLASH NEW PENETRATION. ROOFING CONTRACTOR TO PROVIDE AND INSTALL NEW CUSTOM CURB FOR PITCHED ROOF.
 - PROVIDE AND INSTALL NEW EXHAUST FAN. PROVIDE ANGLE-IRON TO REINFORCE NEW OPENING THROUGH ROOF. SEAL AND FLASH NEW PENETRATION. ROOFING CONTRACTOR TO PROVIDE AND INSTALL NEW CUSTOM CURB FOR PITCHED ROOF.
 - PROVIDE AND INSTALL NEW ENERGY RECOVERY VENTILATOR AS SCHEDULED. PROVIDE ANGLE-IRON TO REINFORCE NEW OPENING THROUGH ROOF. SEAL AND FLASH NEW PENETRATION. ROOFING CONTRACTOR TO PROVIDE AND INSTALL NEW CUSTOM CURB FOR PITCHED ROOF.
 - NEW BOILER AND HOT WATER HEATER FLUES DISCHARGE ON ROOF. TERMINATION SHALL BE IN ACCORDANCE WITH THE 2020 FUEL GAS CODE OF NEW YORK STATE 902.6.5. CONTRACTOR TO PROPERLY SEAL WEATHER-TIGHT AND FIRE SAFE ROOF PENETRATION. SEE SCHEDULE FOR SIZE OF VENTS.
 - 10" HIGH DUCTS MAX
 - SEE A-410 FOR SPACE ALLOCATED FOR DUCT SERVING AHJ-2
 - SEE A-100 FOR FLOUBAR INSTALLATION DETAIL.
 - DOUBLE STRAP ALL FLEX DUCT CONNECTIONS TO RIGID COLLARS
 - PROVIDE AND INSTALL HONEYWELL UV TREATMENT SYSTEM ON UNIT COIL. MODEL: UV100E3001
 - PROVIDE AND INSTALL ATMOS AIR IONIZATION SYSTEM IN SUPPLY DUCT. MODEL: FC400R1
 - PROVIDE AND INSTALL FACTORY SUPPLIED UV TREATMENT SYSTEM. ORDER WITH AIR HANDLING UNIT.
 - PROVIDE AND INSTALL ATMOS AIR IONIZATION SYSTEM ON AUDITORIUM UNIT SUPPLY DUCT. MODEL: 500EC
 - PROVIDE AND INSTALL ATMOS AIR IONIZATION SYSTEM ON LOBBY UNIT SUPPLY DUCT. MODEL: MATTERHORN 1000



Key Plan (not to scale)

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- 3. 9/23/2020 RESUBMITTED FOR ZONING REVIEW
- 2. 8/28/2020 ISSUED FOR PRELIMINARY DOB REVIEW
- 1. 1/10/2020 ISSUED FOR DD ESTIMATE

No. Date Revision/Submission

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Stamp

Project Title
**IONA PREPARATORY SCHOOL
 ADDITION AND ALTERATION TO THE
 PAUL VERNI FINE ARTS CENTER**

Project Address
**IONA PREPARATORY SCHOOL
 255 Wilmot Road
 New Rochelle, NY 10804**

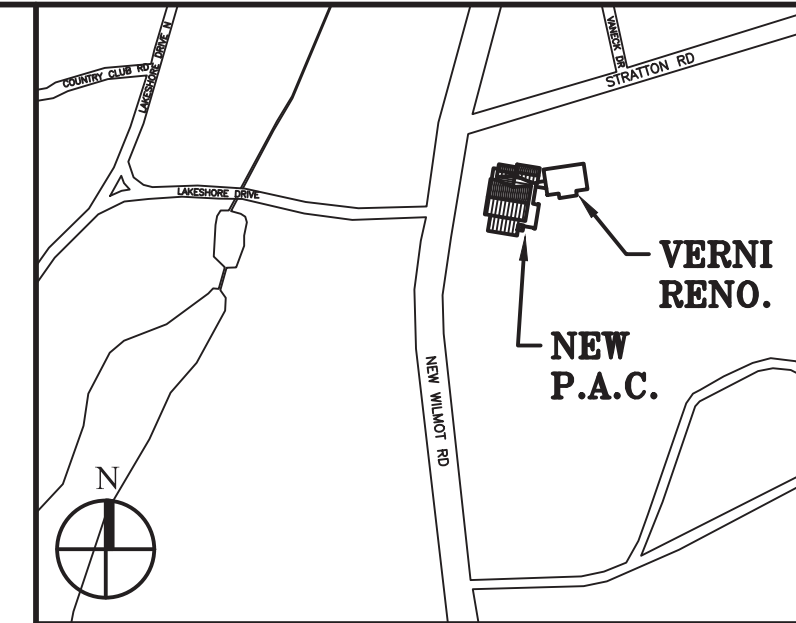
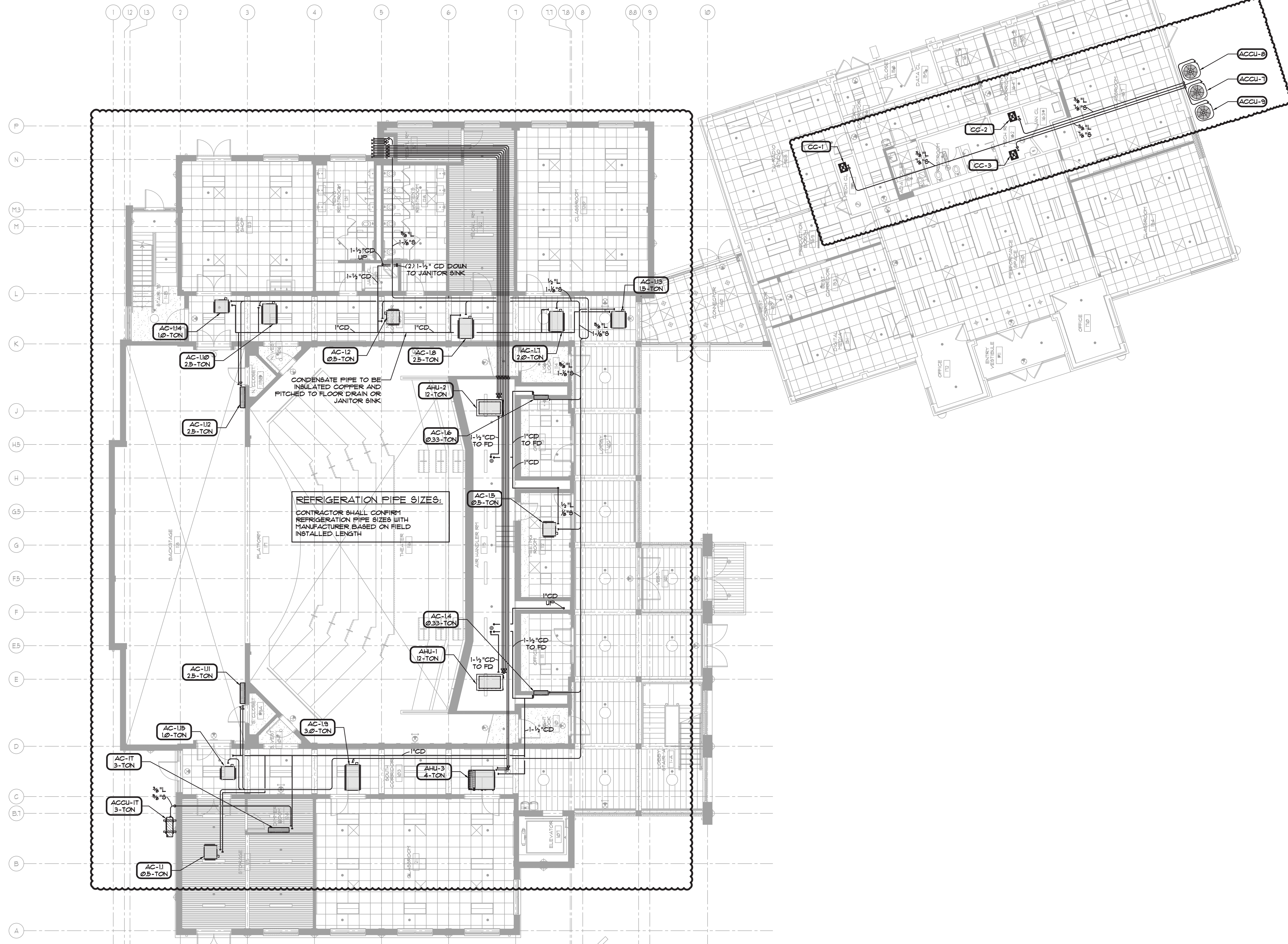
Drawing Title
**FIRST FLOOR MECHANICAL
 PIPING PLAN**

Scale	Job No.	Date	Drawing No.
1/8"=1'-0"	20-2723	04/03/2019	M-311

Drawn

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Stamp

Project Title
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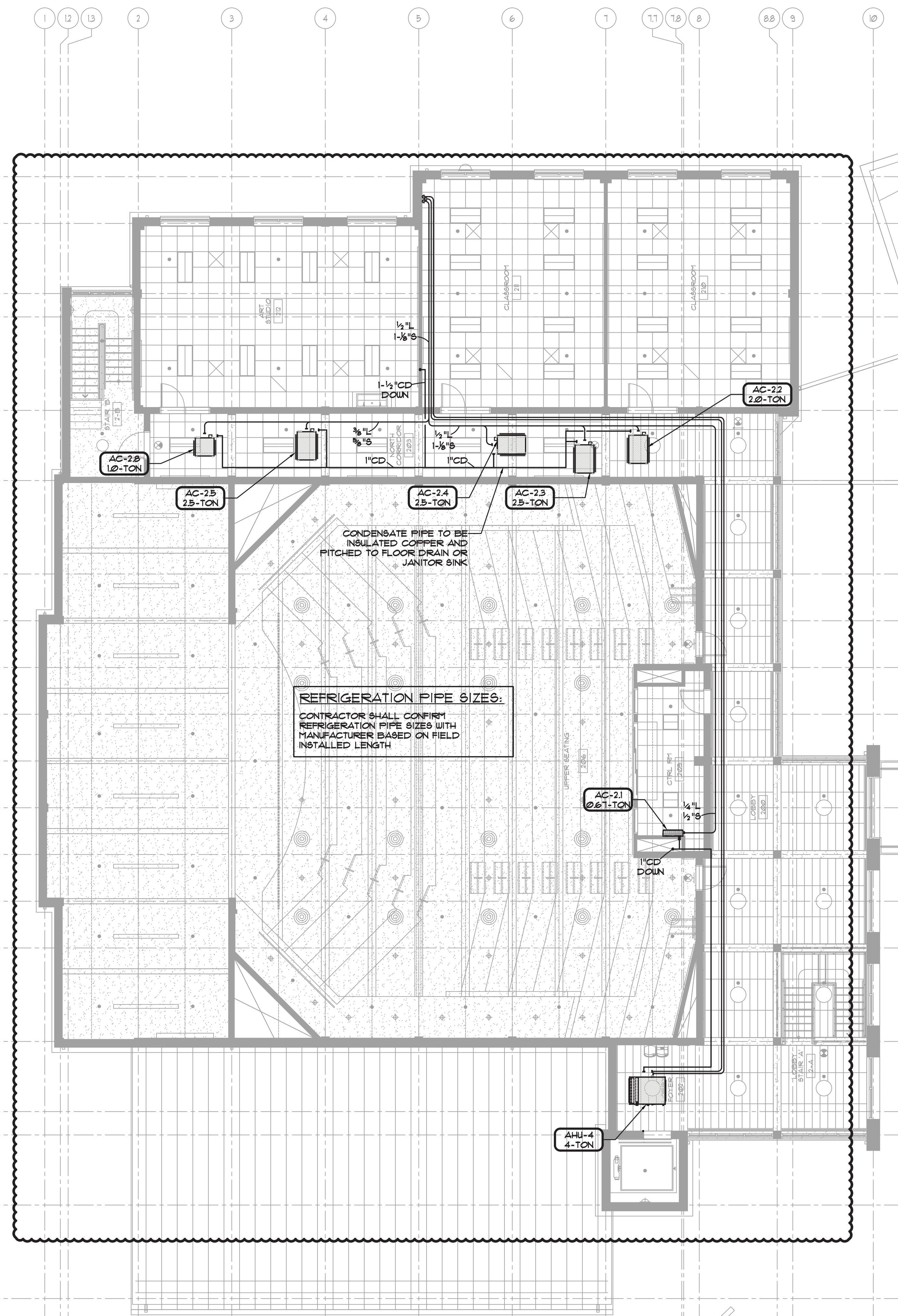
Project Address
**IONA PREPARATORY SCHOOL
 255 Wilmot Road
 New Rochelle, NY 10804**

Drawing Title
**FIRST FLOOR
 REFRIGERANT PIPING PLAN**

Scale	Job No.	Date	Drawing No.
1/8"=1'-0"	20-2723	04/03/2019	M-321

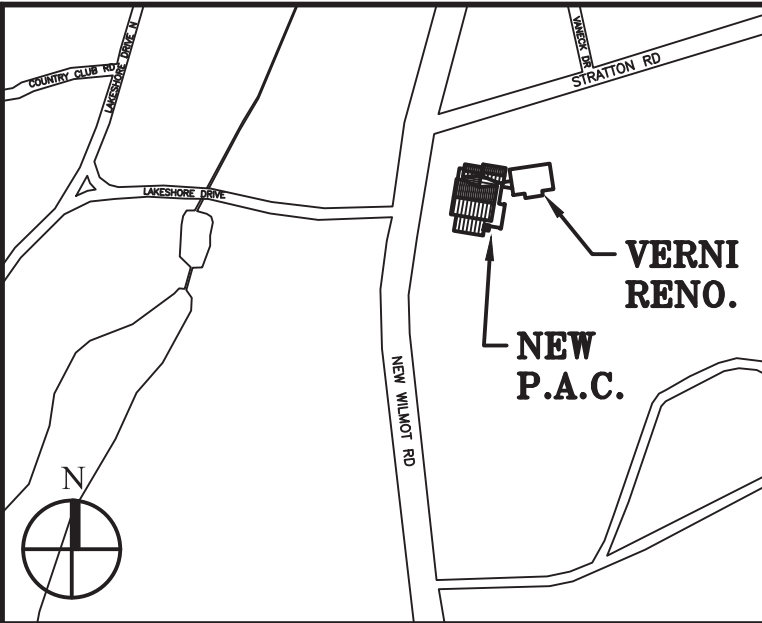
Drawn
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REFRIGERATION PIPE SIZES:
 CONTRACTOR SHALL CONFIRM REFRIGERATION PIPE SIZES WITH MANUFACTURER BASED ON FIELD INSTALLED LENGTH

CONDENSATE PIPE TO BE INSULATED COPPER AND PITCHED TO FLOOR DRAIN OR JANITOR SINK



Key Plan (not to scale)

- | | | |
|-----|------------|--------------------------------------|
| 11. | 6/23/2021 | BID ADDENDUM 5 |
| 10. | 6/18/2021 | ISSUED FOR BUILDING PERMIT |
| 9. | 6/09/2021 | RE-ISSUED FOR BUILDING PERMIT REVIEW |
| 8. | 6/08/2021 | BID ADDENDUM 1 |
| 7. | 6/01/2021 | ISSUED FOR BID |
| 6. | 6/07/2021 | RE-ISSUED FOR BUILDING PERMIT REVIEW |
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Stamp

Project Title
 IONA PREPARATORY SCHOOL
 ADDITION AND ALTERATION TO THE
 PAUL VERNI FINE ARTS CENTER

Project Address
 IONA PREPARATORY SCHOOL
 255 Wilmot Road
 New Rochelle, NY 10804

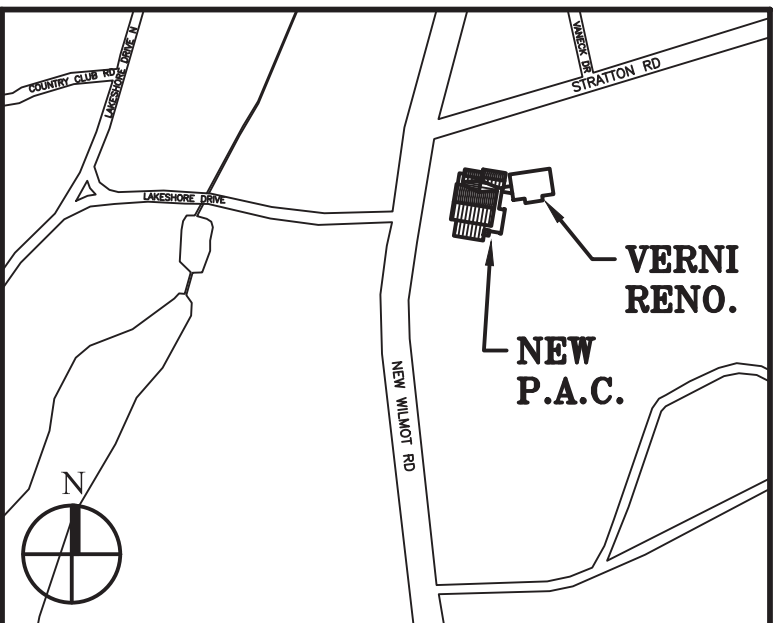
Drawing Title
 SECOND FLOOR
 REFRIGERANT PIPING PLAN

Scale	Job No.	Date	Drawing No.
1/8"=1'-0"	20-2723	04/03/2019	M-322

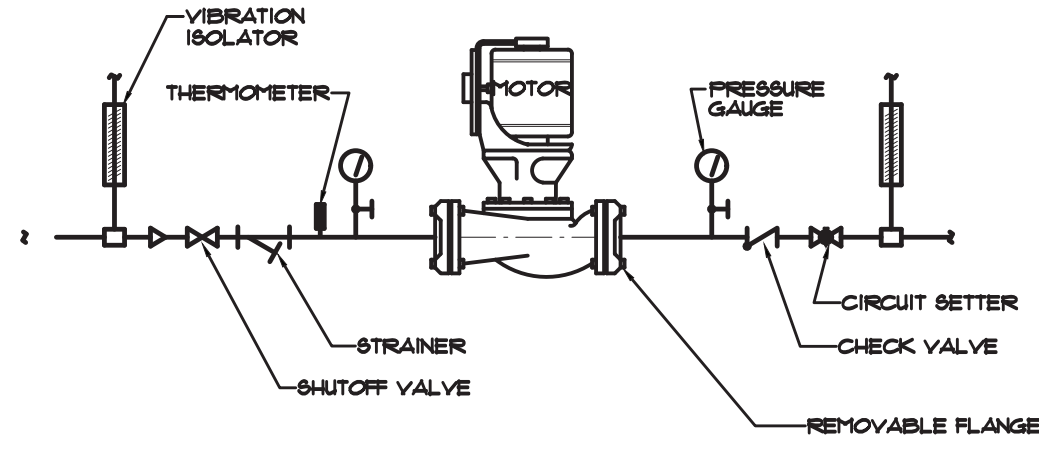
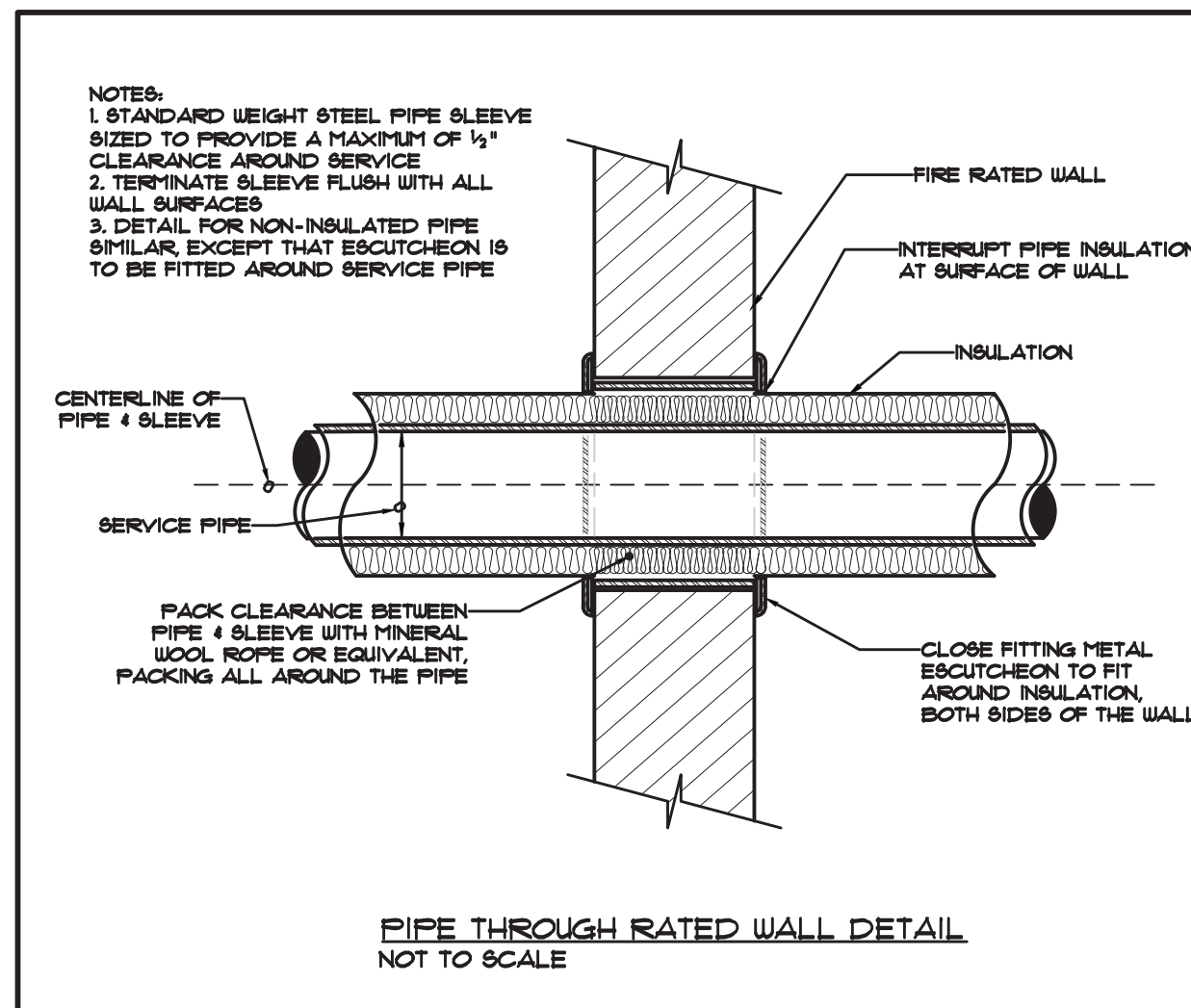
Drawn

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PETER GISOLFI ASSOCIATES



Key Plan (not to scale)



VIBRATION ISOLATION SCHEDULE

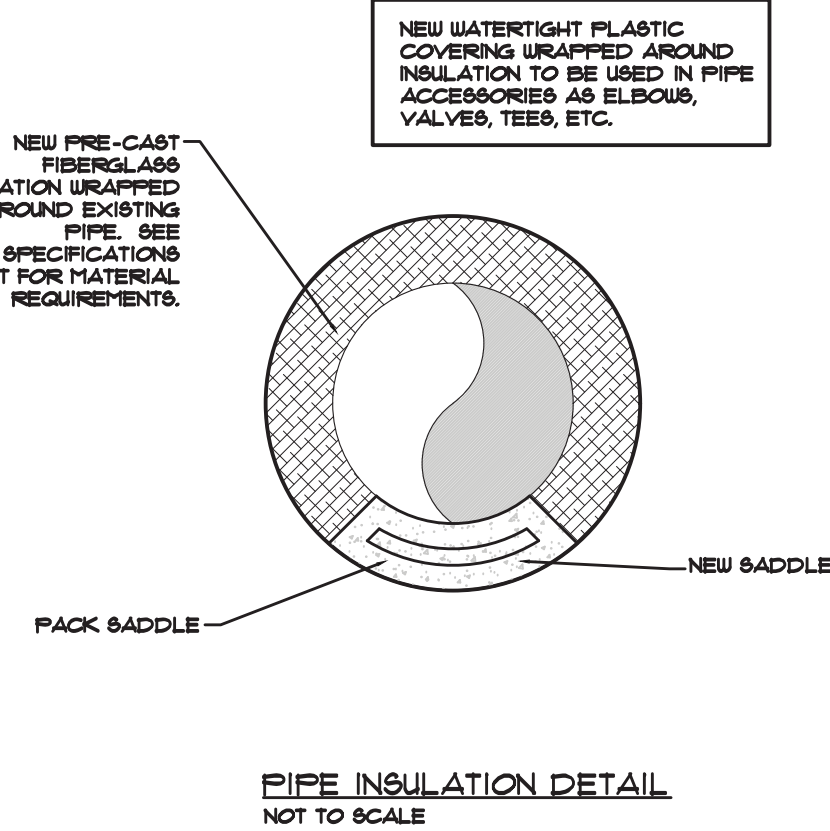
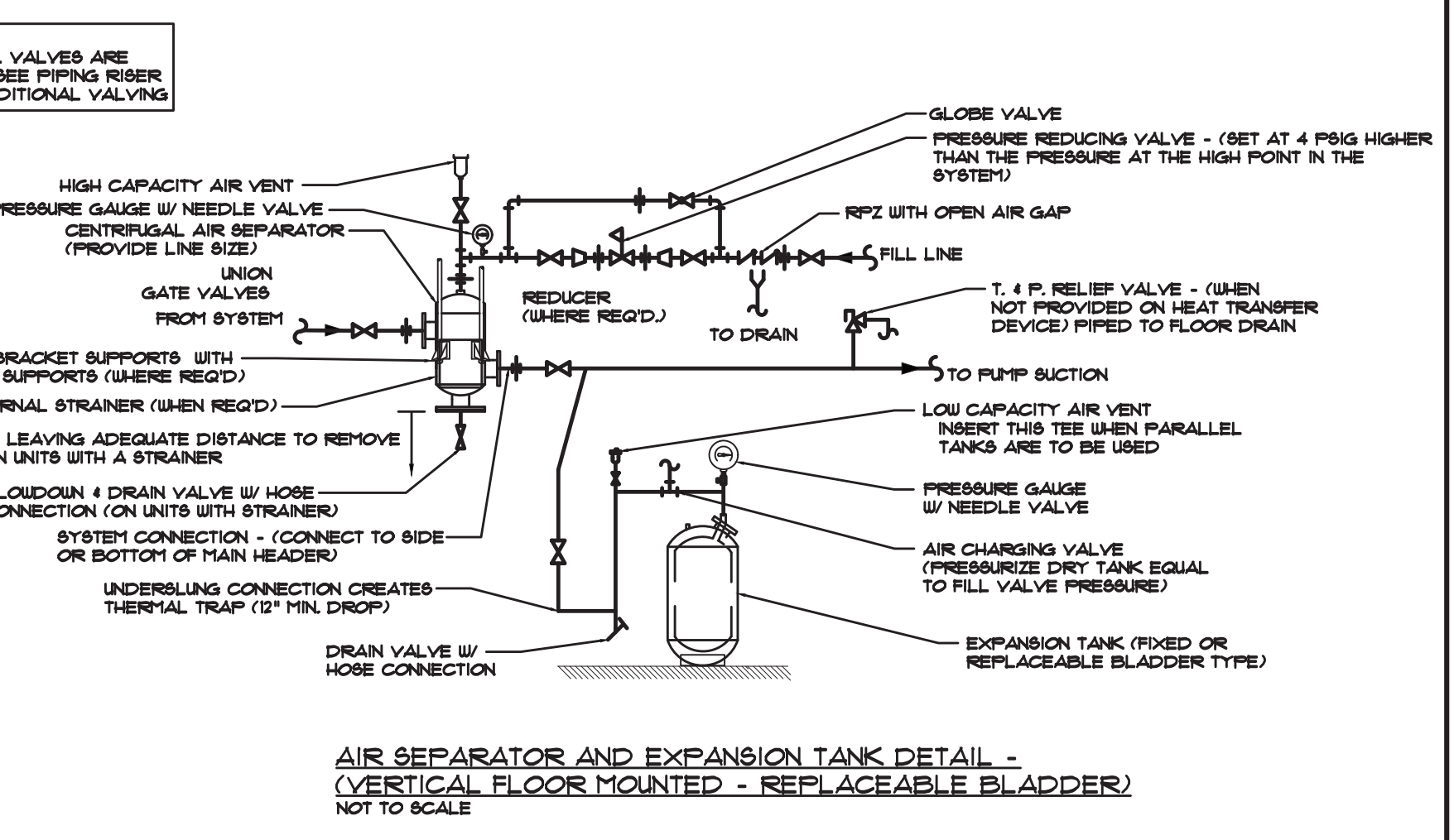
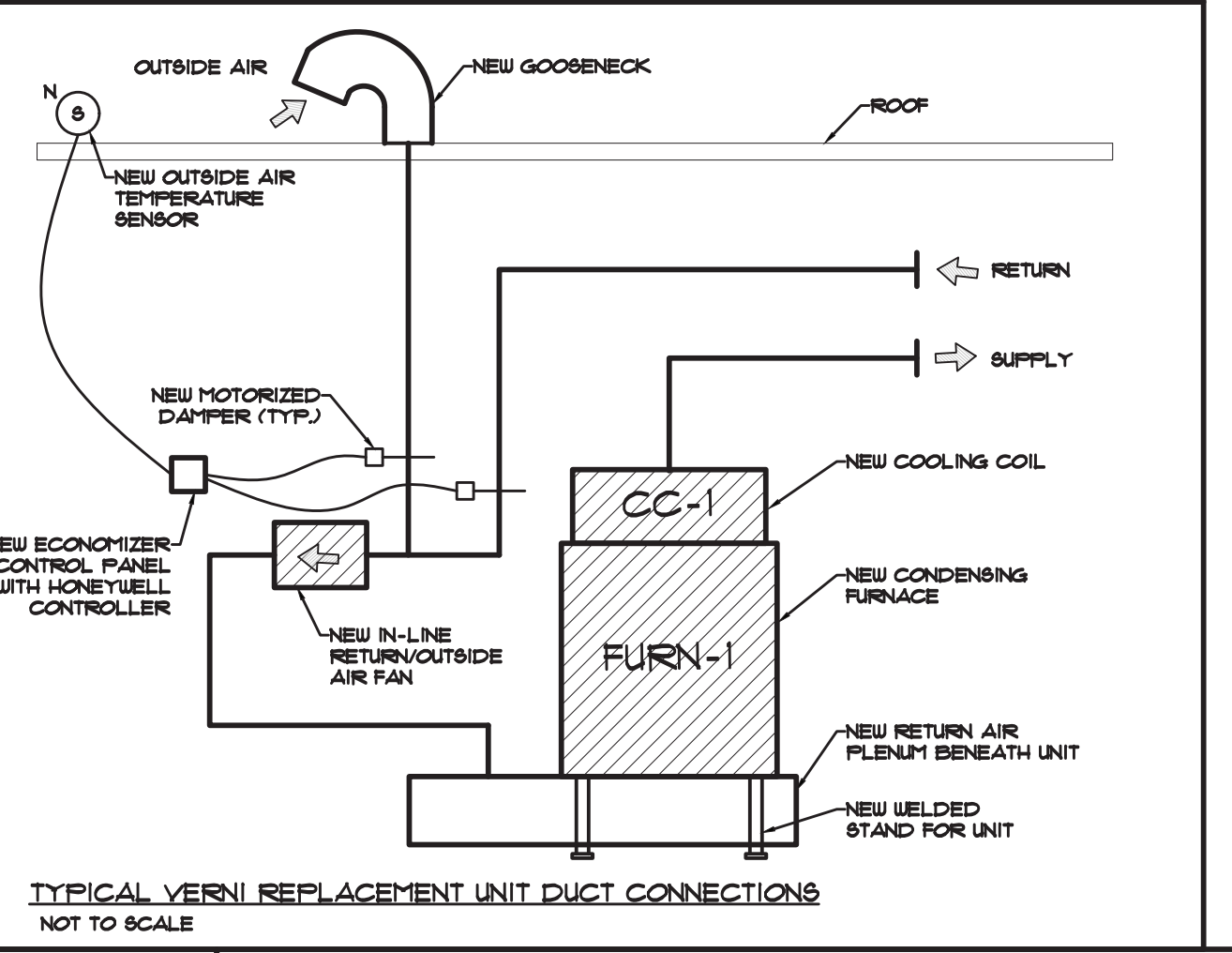
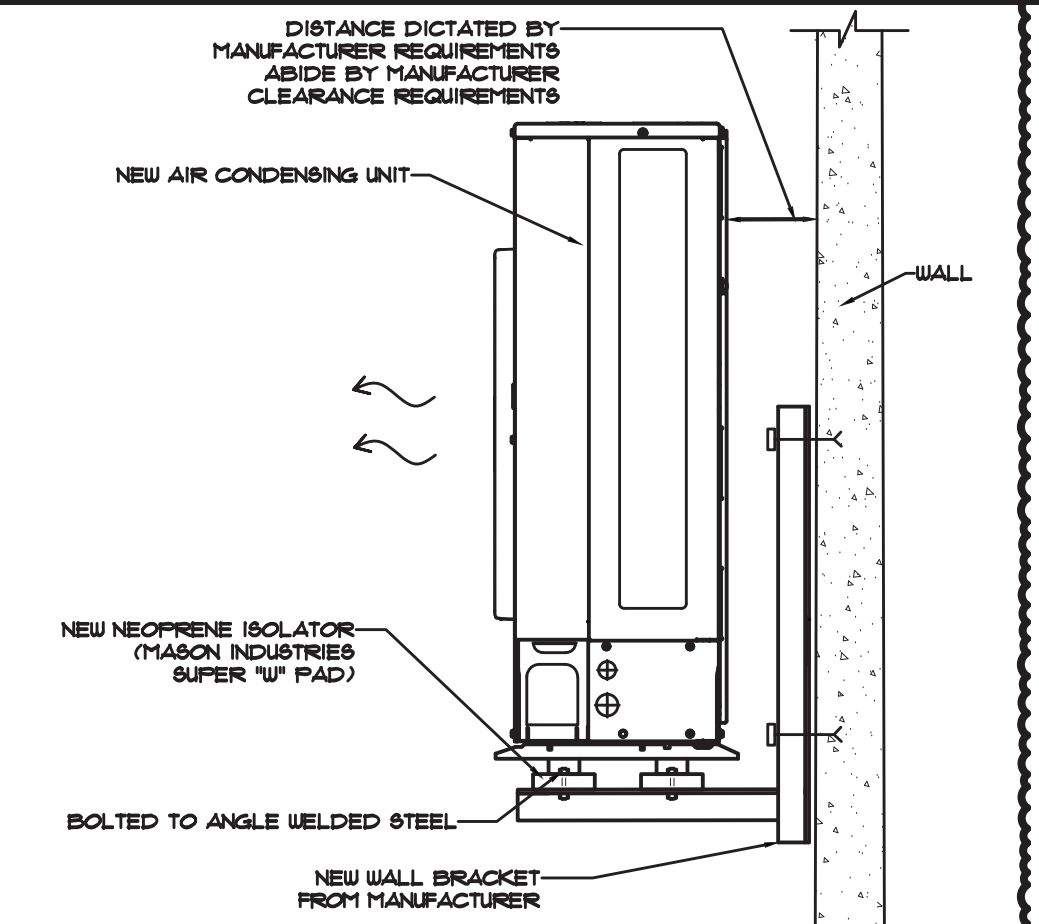
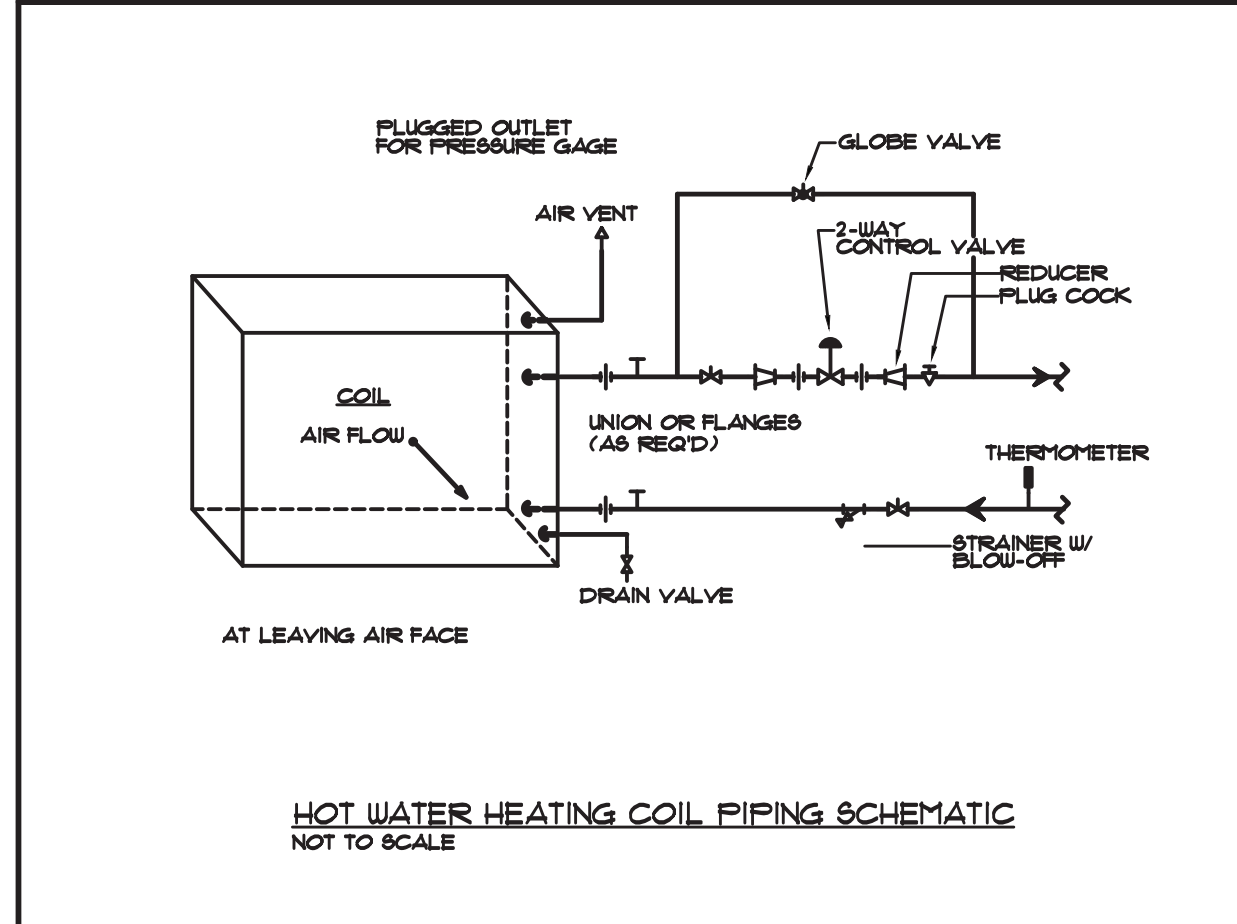
EQUIPMENT	ISOLATOR TYPE	MINIMUM STATIC DEFLECTION (INCHES)
PACKAGED UNIT	SLR	1
CONDENSING UNITS	SLR	1
CENTRIFUGAL PUMPS	ND	0.35
CENTRIFUGAL PUMPS	SLF	2
PAN COOLING PANS	SON	1

CONCRETE INERTIA BASE SCHEDULE

MOTOR SIZE (HP)	MINIMUM THICKNESS (INCHES)
0-4	6
5-15	6
20-50	8
60-75	10
100+	12
ALL OTHER EQUIPMENT	6

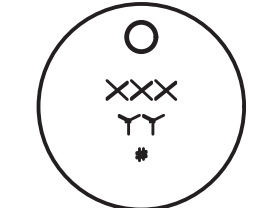
NOTES:
 1. ALL ISOLATOR SELECTIONS BASED ON MASON INDUSTRIES.
 2. ALL PIPING / CONDUIT UPSTREAM AND DOWNSTREAM OF THE EQUIPMENT LISTED ABOVE SHALL BE ISOLATED WITH MASON INDUSTRIES TYPE SLF/SON WITH MINIMUM STATIC DEFLECTION OF 1".

TYPICAL ISOLATOR MOUNT & CONCRETE PAD SCHEDULE



VALVE TAG SCHEDULE

SYSTEM	SERVICE	#	LOCATION	
			FLR	COLUMN
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-



1. ALL ISOLATION VALVES TO BE TAGGED
 2. TAGS SHALL BE 2 1/2" x 1 1/2"
 3. TAG MATERIAL SHALL BE BRASS, .030" THICK
 4. LETTERING TO BE 1/8" HEIGHT
 5. LETTERING TO BE STAMPED INTO THE BRASS
 6. FASTEN TAG TO VALVE HANDLE WITH 1/4" RING
 7. CONTRACTOR TO PROVIDE TYPE WRITTEN VALVE SCHEDULE IN A 2 1/2" x 1 1/2" FORM
 8. SCHEDULE SHALL BE FRAMED AND MOUNTED ON THE WALL OF THE ENGINEERS OFFICE, MECHANICAL ROOMS
 9. A DIGITAL COPY PROVIDED TO BUILDING MANAGEMENT, ENGINEER, AND BUILDING OWNER

TYPICAL VALVE TAGGING DETAIL
 NOT TO SCALE

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Stamp

Project Title
 IONA PREPARATORY SCHOOL
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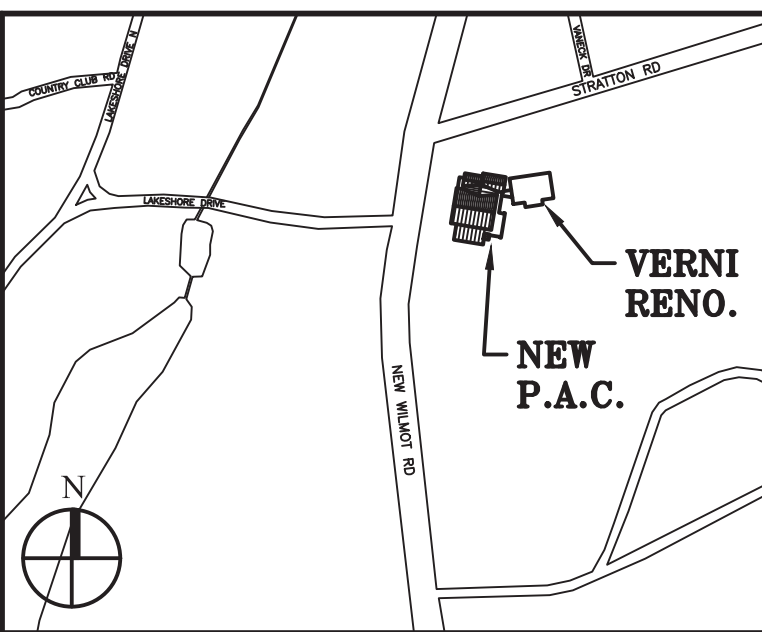
Project Address
 IONA PREPARATORY SCHOOL
 255 Wilmot Road
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Drawing Title
 MECHANICAL DETAILS III

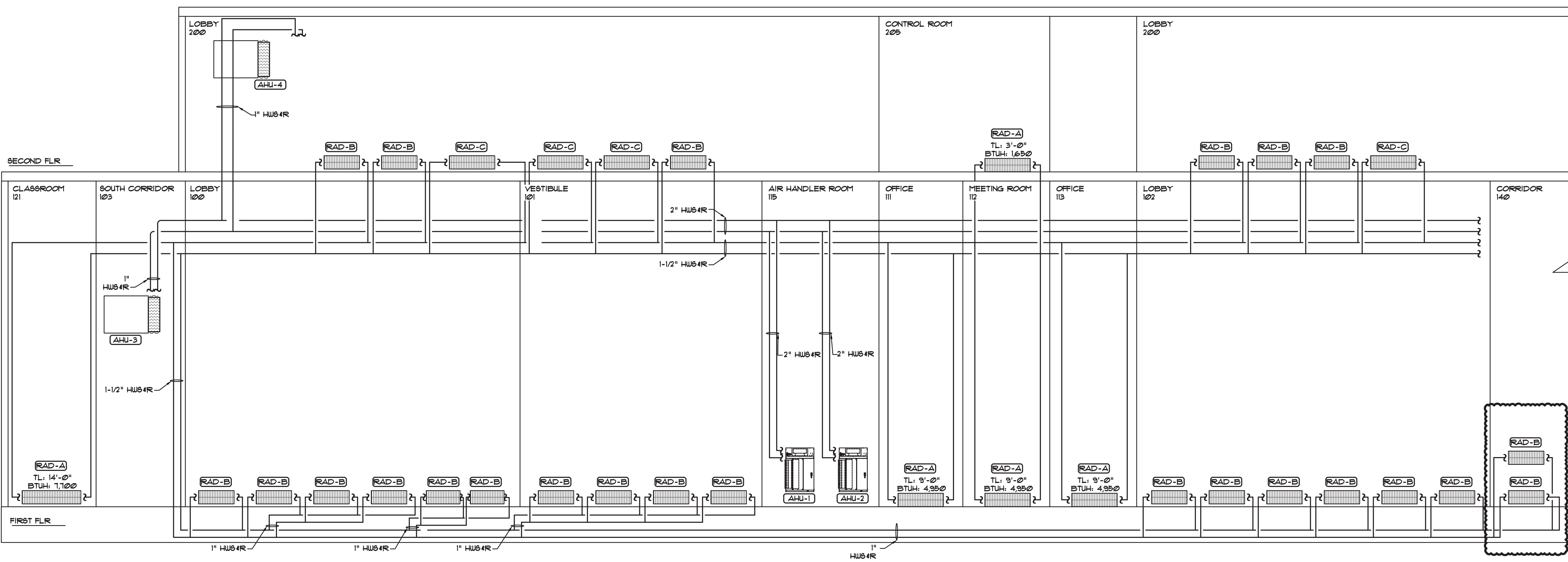
Scale Job No. Date Drawing No.
 NTS 20-2723 04/03/2019 M-403

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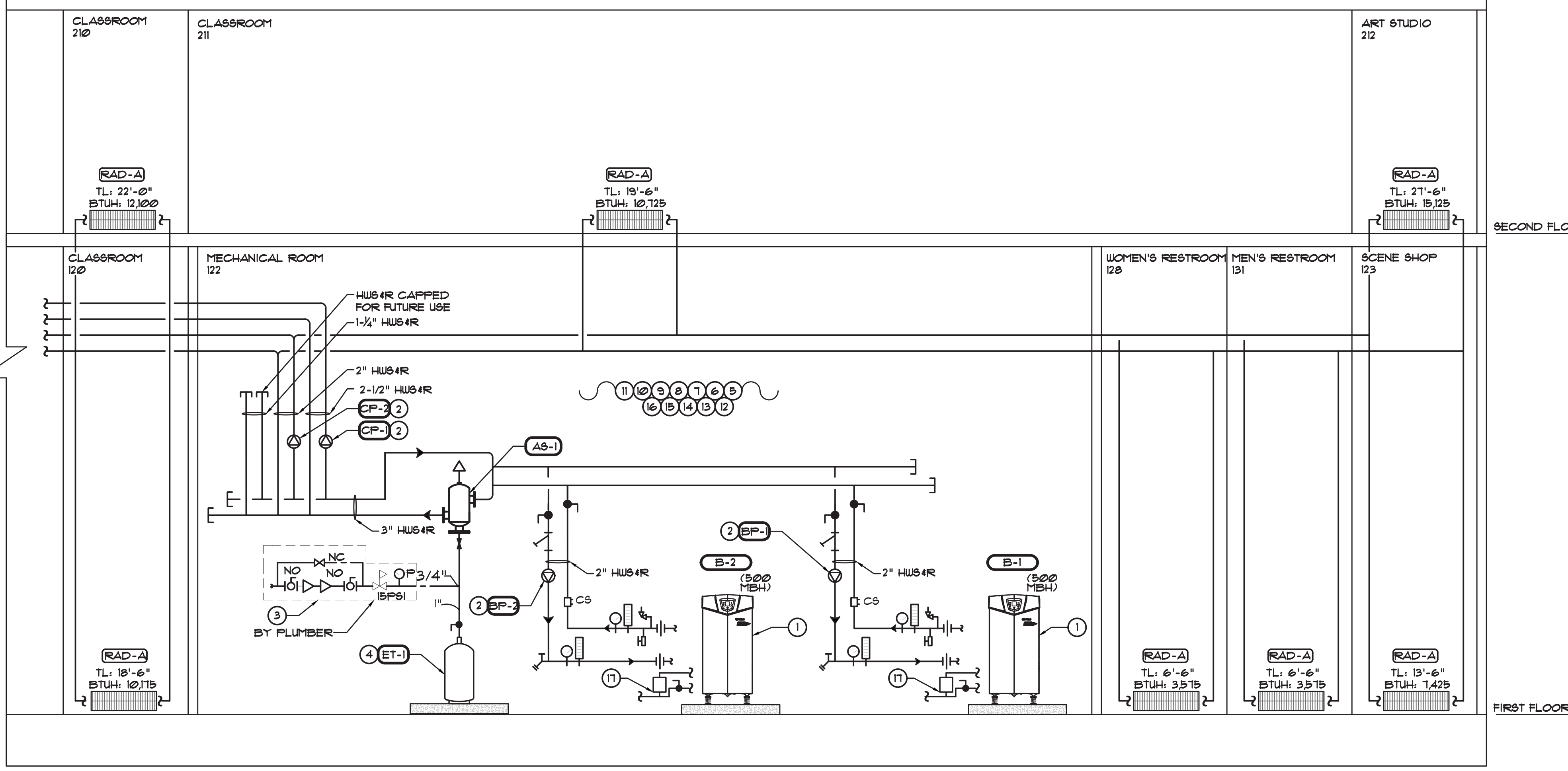
PETER GISOLFI ASSOCIATES



Key Plan (not to scale)



- CONSTRUCTION NOTES:**
- PURCHASE, STORE, TRANSPORT, RIG AND INSTALL NEW BOILER. ABIDE BY ALL MANUFACTURER'S CLEARANCE REQUIREMENTS. EXTEND ALL NECESSARY SERVICES FOR PROPER FUNCTIONALITY OF UNIT.
 - PROVIDE AND INSTALL NEW PUMP SETUP. ABIDE BY ALL MANUFACTURER'S CLEARANCE REQUIREMENTS. EXTEND ALL NECESSARY SERVICES FOR PROPER FUNCTIONALITY.
 - TAP EXISTING COLD WATER LINE WITH MANUAL (NO) SHUT OFF VALVES, AND AN APPROVED SECONDARY RPZ VALVE TO FEED MAKE-UP SYSTEMS.
 - PROVIDE AND INSTALL NEW EXPANSION TANK. INSTALL NEW VALVES & GAUGES AS REQUIRED.
 - PROVIDE AND INSTALL ALL NEW PIPING AS SHOWN AND AS NECESSARY.
 - CONTRACTOR TO PROVIDE & INSTALL VALVE AND DEVICE TAGS FOR EACH VALVE & DEVICE INSTALLED. CONTRACTOR SHALL PROVIDE LAMINATED VALVE IDENTIFICATION SHEET.
 - RETAIN 3RD PARTY BALANCING COMPANY TO BALANCE SYSTEMS TO ACHIEVE PROPER GPM QUANTITIES SHOWN. PROVIDE 3RD PARTY BALANCING REPORT.
 - PROVIDE NEW MANUALLY OPERATED REMOTE EMERGENCY GAS SHUTOFF FOR EMERGENCY SHUTDOWN OF ALL OF THE BURNER CONTROLS, WHICH WILL IN EFFECT SHUTDOWN ALL OTHER COMPONENTS OF THE BOILER SYSTEM. LOCATE OUTSIDE OF BOILER ROOM, AND PROVIDE TAMPER PROOF COVER TO AVOID ACCIDENTAL TAMPERING.
 - PROVIDE ALL VALVING AS SHOWN ON RISER DIAGRAM, ON DETAILS AND AS NECESSARY FOR A COMPLETE SYSTEM. VALVING AND PIPE APPARATUS NOT SHOWN ON PLAN.
 - PROVIDE KINDOFF SUPPORTS FOR ALL NEW PANELS AND CONTROLS.
 - PROVIDE NEW KINDOFF BRACKET SUPPORTS FOR ALL NEW INLINE PUMPS. SUPPORT OFF WALL WHEN NECESSARY.
 - PROVIDE AND INSTALL NEW TAMPERPROOF OUTDOOR AIR SENSOR LOCATED OUT ON STREET. TIE BACK INTO BOILER CONTROLS.
 - G.C. TO FIRE SAFE ALL OPENINGS IN WALLS AND CEILING. CONTRACTOR RESPONSIBLE FOR FIRE RATING NEW AND EXISTING PENETRATIONS.
 - MECHANICAL CONTRACTOR TO RETAIN PLUMBER TO PERFORM ALL COLD WATER, HOT WATER AND HOT WATER RETURN PIPING DISCONNECT AND RECONNECT. PLUMBER TO PERFORM THE FOLLOWING:
 - DEMO EXISTING PLUMBING PIPING FROM TURBOMAX UNIT.
 - PIPE DOMESTIC WATER TO NEW WATER HEATERS AND PROVIDE ALL NECESSARY VALVING.
 - INSULATE ALL PIPING TO MEET CODE.
 - TIE PIPING BACK TO MIXING VALVE AND ENSURE ALL CONTROLLERS ARE WORKING PROPERLY.
 - EXTEND NEW COLD WATER TO NEW PRVS AND RPZ'S IN BOILER ROOM. INSTALL ONE FOR CONDENSER WATER SYSTEM AND ONE FOR HOT WATER SYSTEM.
 - COORDINATE ALL WORK WITH MECHANICAL CONTRACTOR
 - EXTEND GAS TO NEW BOILERS AND PROVIDE ALL APPROPRIATE VALVING.
 - MECHANICAL CONTRACTOR TO RETAIN LICENSED ELECTRICAL CONTRACTOR TO PERFORM ALL ELECTRICAL WORK IN SCOPE.
 - NEW 1" DRAIN LINE TO INDIRECT DRAIN. PROVIDE CONDENSATE NEUTRALIZING SYSTEM FOR CONDENSING BOILER PRIOR TO ENTERING DRAIN. DRAIN TO BE CPVC BEFORE KIT AND COPPER AFTER.



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8.	6/09/2021	BID ADDENDUM 1
7.	6/01/2021	ISSUED FOR BID
6.	6/07/2021	RE-ISSUED FOR BUILDING PERMIT REVIEW
5.	2/01/2021	ISSUED FOR BUILDING PERMIT REVIEW
4.	10/14/2020	ISSUED FOR PLANNING BOARD REVIEW
3.	9/23/2020	RESUBMITTED FOR ZONING REVIEW
2.	8/28/2020	ISSUED FOR PRELIMINARY DOB REVIEW
1.	1/10/2020	ISSUED FOR DD ESTIMATE
No.	Date	Revision/Submission
STRUCTURAL & SITE CIVIL ENGINEER		
DOMINICK R PILLA ASSOCIATES, P.C. 145 MAIN STREET NYACK, NY 10960 845-727-7793		
MEP ENGINEER		ROOFING CONSULTANT
JMV CONSULTING ENGINEERING, P.C. 37 W. 58 STREET, STE 703 NEW YORK, NY 10019 212-652-9855		WATSKY ASSOCIATES 20 MADISON AVENUE VALHALLA, NY 10985 914-945-3450

Stamp

Project Title
**IONA PREPARATORY SCHOOL
ADDITION AND ALTERATION TO THE
PAUL VERNI FINE ARTS CENTER**

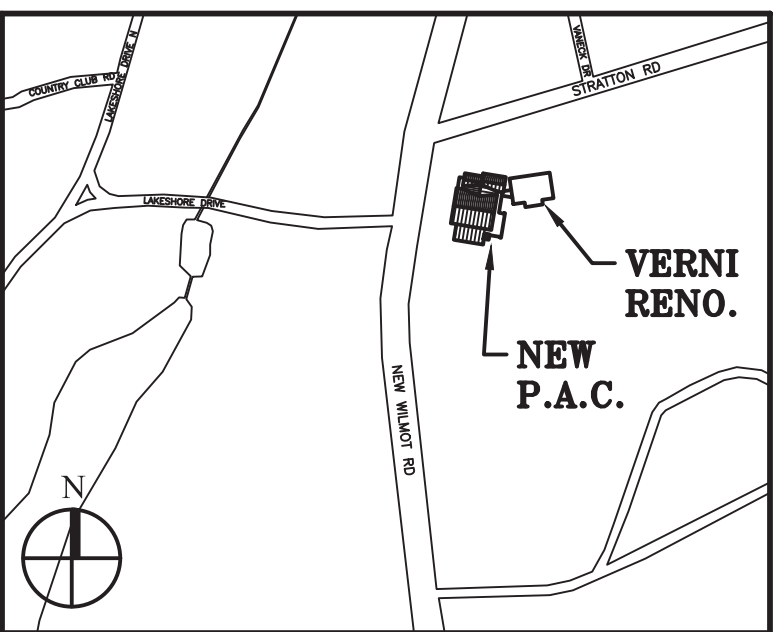
Project Address
**IONA PREPARATORY SCHOOL
255 Wilmot Road
New Rochelle, NY 10804**

Drawing Title
**MECHANICAL HOT WATER
RISER DIAGRAM**

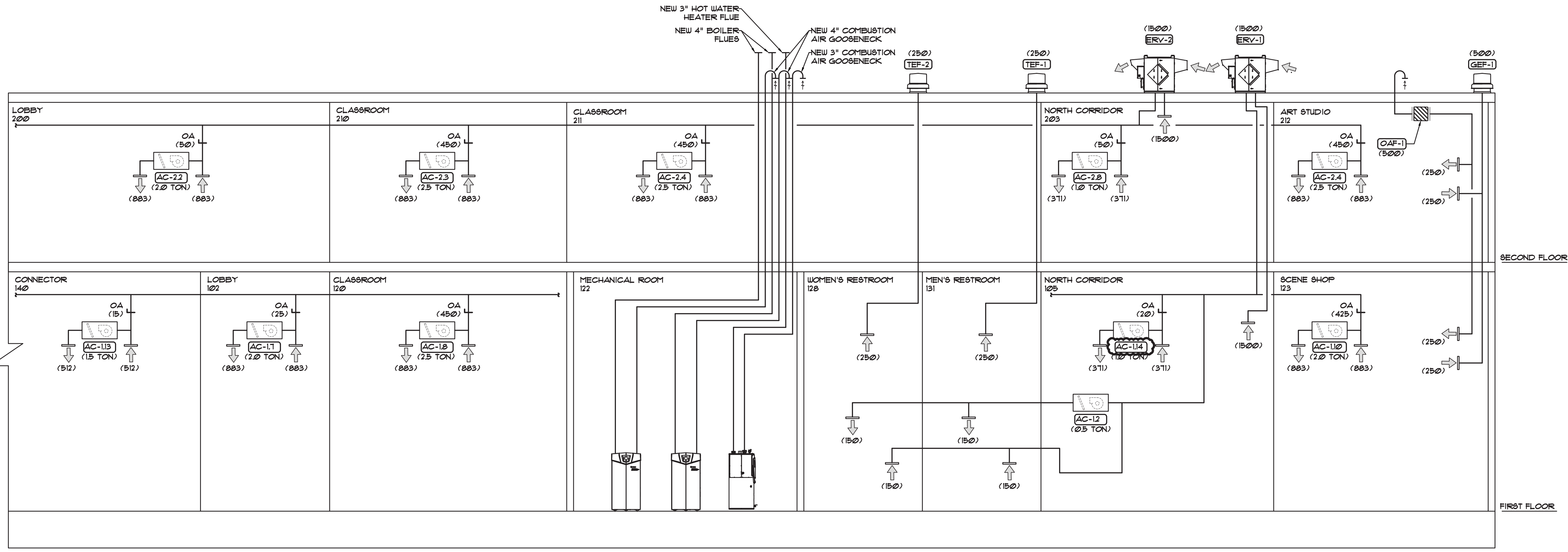
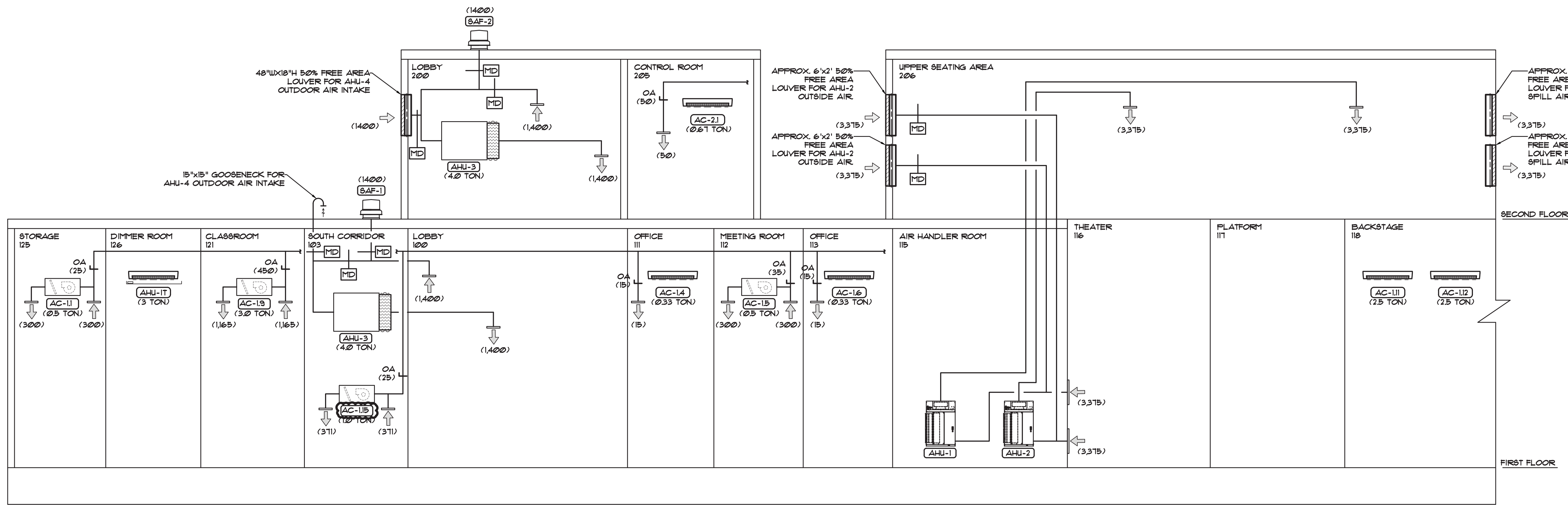
Scale	Job No.	Date	Drawing No.
NTS	20-2723	04/03/2019	M-501

Peter Gisolfi Associates
Architects Landscape Architects, LLP
566 Warburton Avenue
Hastings on Hudson, NY 10706
914 478 3677

PETER GISOLFI ASSOCIATES



Key Plan (not to scale)



11. 6/23/2021 BID ADDENDUM 5
10. 6/18/2021 ISSUED FOR BUILDING PERMIT
9. 6/09/2021 RE-ISSUED FOR BUILDING PERMIT REVIEW
8. 6/09/2021 BID ADDENDUM 1
7. 6/01/2021 ISSUED FOR BID
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1. 1/10/2020 ISSUED FOR DD ESTIMATE

No. Date Revision/Submission

STRUCTURAL & SITE CIVIL ENGINEER
 DOMINICK R. PILLA
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 NYACK, NY 10960
 845-727-7793

MEP ENGINEER
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 ENGINEERING, P.C.
 37 W. 59 STREET, STE 703
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 212-662-9855

ROOFING CONSULTANT
 WATSKY ASSOCIATES
 20 MADISON AVENUE
 VALHALLA, NY 10986
 914-945-3450

Stamp

Project Title
 IONA PREPARATORY SCHOOL
 ADDITION AND ALTERATION TO THE
 PAUL VERNI FINE ARTS CENTER

Project Address
 IONA PREPARATORY SCHOOL
 255 Wilmot Road
 New Rochelle, NY 10804

Drawing Title
 MECHANICAL AIR RISER
 DIAGRAM

Scale	Job No.	Date	Drawing No.
NTS	20-2723	04/03/2019	M-502

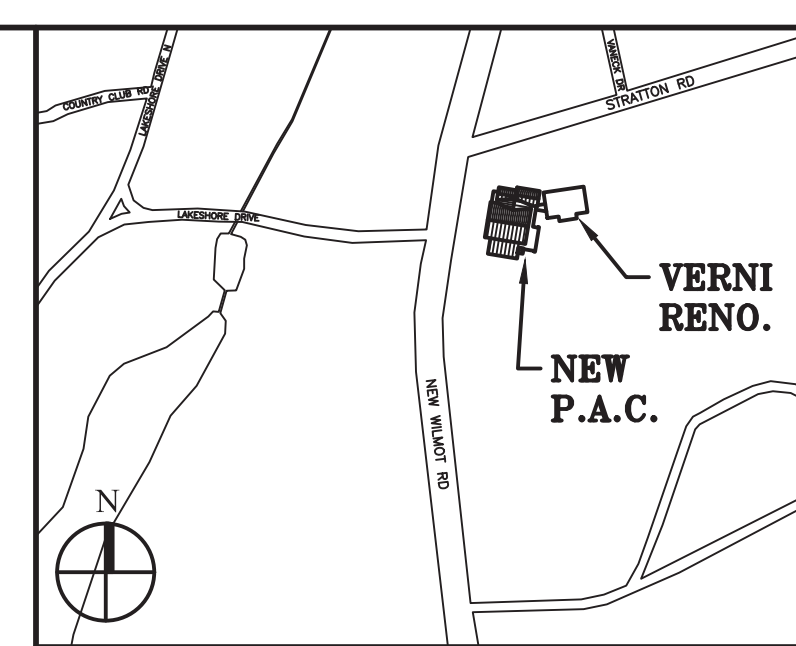
Drawn

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 Hastings on Hudson, NY 10706
 914 478 3677

PETER GISOLFI ASSOCIATES

SPLIT AIR CONDITIONING UNIT SCHEDULE														AIR COOLED CONDENSING UNIT															
AIR HANDLING UNIT														AIR COOLED CONDENSING UNIT															
AHU NO.	SERVICE	NOMINAL TONNAGE	COOLING CAPACITY (BTUH)	HEATING CAPACITY (BTUH)	CFM	MAX ESP	MANUF.	TYPE	MODEL	UNIT ELECTRICAL CHAR			AIR HANDLER WEIGHT (LBS)	SOUND PRESSURE (dBA)	PHYSICAL DIMENSIONS HxWxD (in.)	COND UNIT	MANUF.	MODEL*	COOLING CAPACITY (BTUH)	HEATING CAPACITY (BTUH)	SOUND PRESSURE (dBA)	EFF	MODULE	# OF COMP.	COND. UNIT ELEC.			COND. UNIT WEIGHT (LBS)	PHYSICAL DIMENSIONS HxWxD (in.)
										VOLTS-PHASE	MCA	MOCP													VOLTS - PHASE	MCA	MOP		
AC-11	STORAGE 134	0.5	6,000	6,700	300	0.6	MITSUBISHI ELECTRIC	DUCTED - CEILING UNIT	PEFY-P06NMAU-E3	200/1	1.1	15	49	29	9-7/8" x 27-9/16" x 28-7/8"	ACCU-5	ME	FUHY-P192TNU-A	192,000	216,000	62	EER 11.2 IEER 23.4 COP 3.59	MODULE #1	1	200/3	33	50	569	71-10/16" x 48-14/16" x 29-3/16"
AC-12	WOMEN'S RESTROOM 133 4 MEN'S RESTROOM 139	0.5	6,000	6,700	300	0.6	MITSUBISHI ELECTRIC	DUCTED - CEILING UNIT	PEFY-P06NMAU-E3	200/1	1.1	15	49	29	9-7/8" x 27-9/16" x 28-7/8"														
AC-13	DELETED																												
AC-14	OFFICE 114	0.33	4,000	4,500	148	N/A	MITSUBISHI ELECTRIC	WALL MOUNTED CASSETTE	PKFY-P04NLMU-E	200/1	0.2	15	24	28	11-25/32" x 30-7/16" x 9-11/32"														
AC-15	FACULTY LOUNGE 115	0.5	6,000	6,700	300	0.6	MITSUBISHI ELECTRIC	DUCTED - CEILING UNIT	PEFY-P06NMAU-E3	200/1	1.1	15	49	29	9-7/8" x 27-9/16" x 28-7/8"														
AC-16	OFFICE 116	0.33	4,000	4,500	148	N/A	MITSUBISHI ELECTRIC	WALL MOUNTED CASSETTE	PKFY-P04NLMU-E	200/1	0.2	15	24	28	11-25/32" x 30-7/16" x 9-11/32"														
AC-17	LOBBY 102	2.0	24,000	27,000	883	0.6	MITSUBISHI ELECTRIC	DUCTED - CEILING UNIT	PEFY-P24NMAU-E3	200/1	2.1	15	67	39	9-7/8" x 43-5/16" x 28-7/8"														
AC-18	CLASSROOM 120	2.5	30,000	34,000	883	0.6	MITSUBISHI ELECTRIC	DUCTED - CEILING UNIT	PEFY-P30NMAU-E3	200/1	2.1	15	67	39	9-7/8" x 43-5/16" x 28-7/8"														
AC-19	CLASSROOM 121	3.0	36,000	40,000	1165	0.6	MITSUBISHI ELECTRIC	DUCTED - CEILING UNIT	PEFY-P36NMAU-E3	200/1	3.32	15	86	41	9-7/8" x 55-1/8" x 28-7/8"														
AC-110	SCENE SHOP 122	2.0	24,000	27,000	883	0.6	MITSUBISHI ELECTRIC	DUCTED - CEILING UNIT	PEFY-P24NMAU-E3	200/1	2.1	15	67	39	9-7/8" x 43-5/16" x 28-7/8"														
AC-111	STAGE 118	2.5	30,000	34,000	850	N/A	MITSUBISHI ELECTRIC	WALL MOUNTED CASSETTE	PKFY-P30NKMU-E	200/1	0.5	15	46	49	14-3/8" x 46-1/16" x 11-5/8"														
AC-112	STAGE 118	2.5	30,000	34,000	850	N/A	MITSUBISHI ELECTRIC	WALL MOUNTED CASSETTE	PKFY-P30NKMU-E	200/1	0.5	15	46	49	14-3/8" x 46-1/16" x 11-5/8"														
AC-113	PASSAGEWAY 140	1.5	18,000	20,000	512	0.4	MITSUBISHI ELECTRIC	DUCTED - CEILING UNIT	PEFY-P18NMAU-E3	200/1	1.56	15	58	32	9-7/8" x 35-7/16" x 28-7/8"														
AC-114	FIRST FLOOR NORTH CORRIDOR 105	1.0	12,000	13,500	371	0.6	MITSUBISHI ELECTRIC	DUCTED - CEILING UNIT	PEFY-P12NMAU-E3	200/1	1.2	15	49	34	9-7/8" x 27-9/16" x 28-7/8"														
AC-115	FIRST FLOOR SOUTH CORRIDOR 103	1.0	12,000	13,500	371	0.6	MITSUBISHI ELECTRIC	DUCTED - CEILING UNIT	PEFY-P12NMAU-E3	200/1	1.2	15	49	34	9-7/8" x 27-9/16" x 28-7/8"														
AC-21	CONTROL ROOM 215	0.67	8,000	9,000	237	N/A	MITSUBISHI ELECTRIC	WALL MOUNTED CASSETTE	PKFY-P08NLMU-E	200/1	0.3	15	25	35	11-25/32" x 30-7/16" x 9-11/32"														
AC-22	LOBBY 201	2.0	24,000	27,000	883	0.6	MITSUBISHI ELECTRIC	DUCTED - CEILING UNIT	PEFY-P24NMAU-E3	200/1	2.1	15	67	39	9-7/8" x 43-5/16" x 28-7/8"														
AC-23	CLASSROOM 220	2.5	30,000	34,000	883	0.6	MITSUBISHI ELECTRIC	DUCTED - CEILING UNIT	PEFY-P30NMAU-E3	200/1	2.1	15	67	39	9-7/8" x 43-5/16" x 28-7/8"														
AC-24	CLASSROOM 221	2.5	30,000	34,000	883	0.6	MITSUBISHI ELECTRIC	DUCTED - CEILING UNIT	PEFY-P30NMAU-E3	200/1	2.1	15	67	39	9-7/8" x 43-5/16" x 28-7/8"														
AC-25	ART STUDIO 222	2.5	30,000	34,000	883	0.6	MITSUBISHI ELECTRIC	DUCTED - CEILING UNIT	PEFY-P30NMAU-E3	200/1	2.1	15	67	39	9-7/8" x 43-5/16" x 28-7/8"														
AC-28	SECOND FLOOR NORTH CORRIDOR 203	1.0	12,000	13,500	371	0.6	MITSUBISHI ELECTRIC	DUCTED - CEILING UNIT	PEFY-P12NMAU-E3	200/1	1.2	15	49	34	9-7/8" x 27-9/16" x 28-7/8"														

* SELECTIONS BASED ON MITSUBISHI ELECTRIC. CONTACT MALCOLM SIGELBAUM - 718 269 3650
 * PROVIDE FILTER RACK FOR DUCTED UNITS AND (2) SPARE FILTERS
 * PROVIDE HARD-WIRED THERMOSTAT FOR EACH AIR HANDLING UNIT AND (2) MASTER WIFI-ENABLED THERMOSTAT MODEL: AE-200A
 * FOR ACCU-5 TUNNING KIT IS REQUIRED MODEL: CMT-Y100CBK3



Key Plan (not to scale)

11. 6/23/2021 BID ADDENDUM 5
10. 6/18/2021 ISSUED FOR BUILDING PERMIT
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No. Date Revision/Submission
 STRUCTURAL & SITE CIVIL ENGINEER
 DOMINICK R PILLA ASSOCIATES, P.C.
 145 MAIN STREET
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 MEP ENGINEER
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 WATSKY ASSOCIATES
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 VALHALLA, NY 10995
 914-945-3450

SPLIT AIR HANDLER UNIT SCHEDULE														OUTDOOR UNIT																
INDOOR UNIT														OUTDOOR UNIT																
AHU NO.	LOCATION	NOMINAL TONNAGE	COOLING CAPACITY (BTUH)	CFM	ESP	HOT WATER COIL						MANUF.	MODEL	UNIT ELECTRICAL CHAR			AIR HANDLER WEIGHT (LBS)	PHYSICAL DIMENSIONS HxWxD (in.)	COND UNIT	# OF COMP.	MANUF.	MODEL*	COND. UNIT ELEC.			COND. UNIT WEIGHT (LBS)	PHYSICAL DIMENSIONS HxWxD (in.)	REF	EFF. (COOL.)	
						EAT DB (°F)	LAT DB (°F)	TH (MBH)	EWT (°F)	LWT (°F)	FLOW (GPM)			PD (FT)	VOLTS-PHASE	MCA							MOCP	VOLTS-PHASE	MCA					MFA
AHU-1	THEATER 110	12	149,000	3375	1.75	45.5	97.0	196.8	16.0	139.9	2.0	2.2	AAON	V3-DRB-8-0-162C-12L	200 - 3 PH	11.0	15	750	13-1/8" x 56-1/8" x 34-1/4"	ACCU-	2	AAON	CFA-013-B-A-B-DC00K	200 - 3 PH	55	70	1154	57x94x46-3/7	R-410A	10.3
AHU-2	THEATER 110	12	149,000	3375	1.75	45.5	97.0	196.8	16.0	139.9	2.0	2.2	AAON	V3-DRB-8-0-162C-12L	200 - 3 PH	11.0	15	750	13-1/8" x 56-1/8" x 34-1/4"	ACCU-	2	AAON	CFA-013-B-A-B-DC00K	200 - 3 PH	55	70	1154	57x94x46-3/7	R-410A	10.3
AHU-3	LOBBY FOYER 103	4	49,470	1400	0.6	42.5	94.8	83.3	16.0	137	7.4	0.4	AAON	H3-BRB-8-0-161C-12N	200 - 3 PH	4.0	15	596	22-1/8" x 57" x 42-3/8"	ACCU-	1	AAON	CFA-004-A-A-B-DC00H	200 - 3 PH	23	35	454	56-1/4x61-1/2x29-1/4"	R-410A	12.0
AHU-4	LOBBY FOYER 203	4	49,470	1400	0.6	42.5	94.8	83.3	16.0	137	7.4	0.4	AAON	H3-BRB-8-0-161C-12N	200 - 3 PH	4.0	15	596	22-1/8" x 57" x 42-3/8"	ACCU-	1	AAON	CFA-004-A-A-B-DC00H	200 - 3 PH	23	35	454	56-1/4x61-1/2x29-1/4"	R-410A	12.0

SELECTIONS BASED ON AAON. CONTACT PAUL JOHNSTON (GIL-BAR) - 212 331 8212
 REFER TO MANUFACTURER'S INSTALLATION GUIDELINES FOR MORE INFORMATION
 PROVIDE MANUFACTURER SUPPLIED ULTRAVIOLET LIGHT PURIFICATION PACKAGE

IT ROOM SPLIT AIR CONDITIONING UNIT SCHEDULE														OUTDOOR UNIT													
INDOOR UNIT														OUTDOOR UNIT													
AHU NO.	LOCATION	NOMINAL TONNAGE	COOLING CAPACITY (BTUH)	CFM	ESP	MANUF.	TYPE	MODEL	UNIT ELECTRICAL CHAR			AIR HANDLER WEIGHT (LBS)	SOUND PRESSURE (dB(A))	PHYSICAL DIMENSIONS HxWxD (in.)	COND UNIT	LOCATION	MANUF.	MODEL*	COOLING CAPACITY (BTUH)	COND. UNIT ELEC.			SOUND PRESSURE (dB(A))	COND. UNIT WEIGHT (LBS)	PHYSICAL DIMENSIONS HxWxD (in.)	REF	EFF. (COOL.)
									VOLTS-PHASE	MCA	MOCP									VOLTS-PHASE	MCA	MFA					
AC-IT	IT ROOM	3	34,600	887	-	MITSUBISHI ELECTRIC	WALL MOUNTED CASSETTE	M5Y-D36NA	200 - 1 PH	1	15A	40	51/42/32	14-3/8x46-1/16x11-5/8	ACCU-IT	ROOF	MITSUBISHI ELECTRIC	MUY-D36NA	34,600	200-230/1	21	25	56	126	33-7/16x33-1/16x13	R-410A	9EER 15.1

SELECTIONS BASED ON "MITSUBISHI ELECTRIC" MANUFACTURER. CONTACT MALCOLM SIGELBAUM - 718 269 3650
 PROVIDE ALL AIR HANDLERS WITH HARD WIRED THERMOSTATS. ALL THERMOSTATS TO BE ENCLOSED IN TAMPER-PROOF CASES PROVIDED BY G.C.
 PROVIDE LOW AMBIENT WIND BAFFLES (2 PER CONDENSING UNIT).
 REFER TO MANUFACTURER'S INSTALLATION GUIDELINES FOR MORE INFORMATION

Project Title
 IONA PREPARATORY SCHOOL
 ADDITION AND ALTERATION TO THE
 PAUL VERNI FINE ARTS CENTER

Project Address
 IONA PREPARATORY SCHOOL
 255 Wilmot Road
 New Rochelle, NY 10804

Drawing Title
 MECHANICAL SCHEDULES I

Scale Job No. Date Drawing No.
 NTS 20-2723 04/03/2019 M-601

Drawn
 Peter Gisolfi Associates
 Architects Landscape Architects, LLP
 585 Warburton Avenue
 Hastings on Hudson, NY 10706
 914 478 3677

PETER GISOLFI ASSOCIATES

SPLIT COOLING COIL SCHEDULE															
INDOOR EVAPORATOR SECTION					OUTDOOR CONDENSER SECTION					NOMINAL COOLING CAPACITY	MANUFACTURER	EER	SEER		
CC DESIGN.	SERVICE	LOCATION	MODEL NUMBER	PHYSICAL DIMENSIONS LxWxH	ACCU DESIGN.	MODEL NUMBER	ELECTRICAL (VOLT/PHASE)	MCA	MOP					PHYSICAL DIMENSIONS LxWxH	WEIGHT (LBS.)
CC-1	EAST VERNI	MECH CL. 155	4FXACU48	21-1/8"x19-3/4"x24-1/8"	ACCU-7	4TTA4048	208/60/3	18	30	37-1/4"x34-1/4"x29-1/8"	189	4 TONS	TRANE	12.5	15.0
CC-2	NORTH VERNI	MECH RM 162	4FXACU48	21-1/8"x19-3/4"x24-1/8"	ACCU-8	4TTA4048	208/60/3	18	30	37-1/4"x34-1/4"x29-1/8"	189	4 TONS	TRANE	12.5	15.0
CC-3	SOUTH VERNI	MECH RM 162	4FXCCU60	21"x21-1/2"x30-11/16"	ACCU-9	4TTA3060	208/60/3	21	35	37-1/4"x34-1/4"x31-1/4"	226	5 TONS	TRANE	11.5	13.5

CONDENSING FURNACE SCHEDULE														
FURNACE DESIGN.	SERVICE	LOCATION	MANUFACTURER	MODEL NUMBER	STAGE 1 HEATING INPUT/OUTPUT (MBH)	STAGE 2 HEATING INPUT/OUTPUT (MBH)	AFUE	HEATING TEMP RISE	CFM	MOTOR HP	ELECTRICAL (VOLT/PHASE)	MOP	WEIGHT (LBS.)	PHYSICAL DIMENSIONS LxWxH
FURN-1	EAST VERNI	MECH CL. 155	TRANE	80X2B000	52/41.6	80/64	80%	50.15°F	1600	3/4	120/60/1	15 A	129	29"x18"x34"
FURN-2	NORTH VERNI	MECH RM 162	TRANE	80X2B000	52/41.6	80/64	80%	50.15°F	1600	3/4	120/60/1	15 A	129	29"x18"x34"
FURN-3	SOUTH VERNI	MECH RM 162	TRANE	80X2B000	52/41.6	80/64	80%	50.15°F	2000	3/4	120/60/1	15 A	129	29"x18"x34"

ENERGY RECOVERY UNIT																							
UNIT NO.	SERVICE	LOCATION	FRESH AIR FLOW (CFM)	FRESH AIR FLOW ESP (IN WC)	SPACE EXHAUST AIR FLOW (CFM)	SPACE EXHAUST FLOW ESP (IN WC)	WINTER OPERATION			SUMMER OPERATION			UNIT ELECTRICAL CHAR.			PHYSICAL SIZE				MANUFACT.	MODEL*	FITRATION	
							ROOM AIR (°F)	TOTAL EFFECTIVENESS	OUTSIDE AIR (°F)	ROOM AIR (°F)	TOTAL EFFECTIVENESS	OUTSIDE AIR (°F)	VOLTS-PHASE	HP	MCA	MOCPP	LENGTH	WIDTH	HEIGHT				MAX WEIGHT (LBS.)
ERV-1	1ST FLR	ROOF	1500	1.0	1533	1.0	7.0	66.0%	13.9	75	50.3%	92.4	208/3/60	2 # 15	10.8	15	87.5"	43.4"	43.9"	689	RENEWAIRE	HE-2XJRTV-935UJ	FRESH AIR = MERV 8 EXHAUST AIR = MERV 8
ERV-2	2ND FLR	ROOF	1500	0.75	1524	0.5	7.0	66.0%	13.9	75	50.3%	92.4	208/3/60	2 # 15	10.8	15	87.5"	43.4"	43.9"	689	RENEWAIRE	HE-2XJRTV-935UJ	FRESH AIR = MERV 8 EXHAUST AIR = MERV 8

* SELECTION BASED ON 'RENEW AIRE' MANUFACTURER CONTACT DANIEL BREIT - HIGHMARK - 646-849-6441
 * STANDARD FEATURES: NON-FUSED DISCONNECT, 24 VAC TRANSFORMER/RELAY PACKAGE
 * PROVIDE TWO (2) ADDITIONAL MERV 8 FILTERS
 * PROVIDE BACKDRAFT DAMPER
 * PROVIDE PAINTABLE 6" LOUVERED WALL VENT
 * PROVIDE TEMPERATURE SENSOR - DUCT MOUNT (DS-600)
 * PROVIDE DIGITAL TIME CLOCK (TC1D)

CONDENSING BOILER SCHEDULE															OPERATING SUPPLY WATER TEMPERATURE: 160°F			
UNIT NO.	LOCATION	BOILER INPUT (BTUH)	THERMAL EFFICIENCY	BOILER OUTPUT (BTUH)	MANUFACTURER	MODEL NO.	OPERATING WEIGHT (LBS)	DIMENSIONS (W x D x H)	VENT DIAMETER	PIPE CONNECTION SIZING			GAS CONNECTION SIZE	COMBUSTION AIR SIZE	FLOW MIN/MAX (GPM)	HEX WATER VOLUME (GAL)	RELIEF VALVE PRESSURE RATING	MAX WORKING PRESSURE
										HUB/DR	BOILER DRAIN	CONDENSATE CONNECTION						
B-1	MECH RM	500,000/50,000	91.7%	489,000	LOCHINVAR	FTX500N	460	26 1/4" x 27 1/2" x 53 1/2"	4" DIA	2" DIA	1" DIA	1" DIA	1" DIA	4" DIA	10/105	3.5	50 PSI	160 PSI
B-2	MECH RM	500,000/50,000	91.7%	489,000	LOCHINVAR	FTX500N	460	26 1/4" x 27 1/2" x 53 1/2"	4" DIA	2" DIA	1" DIA	1" DIA	1" DIA	4" DIA	10/105	3.5	50 PSI	160 PSI

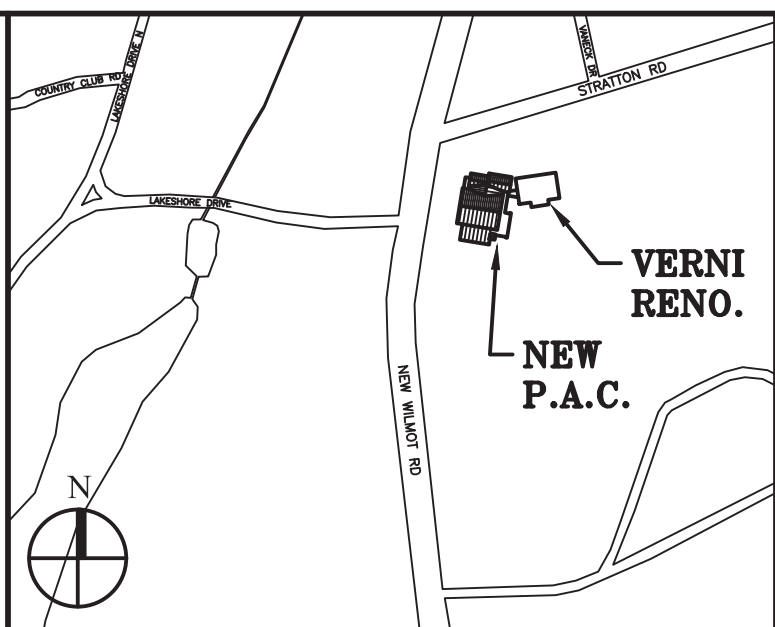
PROVIDE ALL NECESSARY CONTROLS FOR BOILER OPERATION INCLUDING RESET CONTROLS, ALL SAFETIES, PUMP CONTROLS, ETC.

AIR SEPARATOR SCHEDULE							
UNIT DES.	SERVICE	CAPACITY GPM	FLANGED TANGENTIAL OPENING (IN)	MODEL	STRAINER	P.D. FT HD	MANUFACTURER
AS-1	HOT WATER	190	3"	RL-3F	N	1	BELL & GOSSETT

CIRCULATOR PUMP SCHEDULE											
PUMP NO.	LOCATION	DUTY	MODEL	MFR	TYPE	WATER TEMP. (°F)	GPM	HEAD (FT. H ₂ O)	RFM	MOTOR HP	ELEC.CHAR (VOLTS-PHASE)
BP-1	MECH. RM.	BOILER CIRCULATOR	ECOCIRC XL 20-140	B4G	CIRCULATOR	140	100 (MAX)	10	-	1/2	208/1/60
BP-2	MECH. RM.	BOILER CIRCULATOR	ECOCIRC XL 20-140	B4G	CIRCULATOR	140	100 (MAX)	10	-	1/2	208/1/60
CP-1	MECH. RM.	AIR HANDLER HEATING LOOP	ECOCIRC XL 65-130	B4G	CIRCULATOR	140	55	25	-	1	208/1/60
CP-2	MECH. RM.	RADIATOR HEATING LOOP	ECOCIRC XL 65-130	B4G	CIRCULATOR	140	40	35	-	1	208/1/60

EXPANSION TANK SCHEDULE											
UNIT DES.	SERVICE	FLUID	TOTAL SYSTEM VOLUME (GAL)	TANK TOTAL VOL. (GAL)	TANK ACCEPTANCE (GAL)	DIMENSIONS		WATER LOGGED WEIGHT (LBS)	MODEL	MANUFACTURER	REMARKS
						HEIGHT (IN)	DIA (IN)				
ET-1	HOT WATER HEATING SYSTEM	WATER	70	10.9	2.4	26-1/2"	12"	136	D-20V	BELL & GOSSETT	DIAPHRAGM-TYPE TYPICAL FOR 1

RADIATOR SCHEDULE								
DESIGNATION	BTUH	SECTIONS	WATER TEMP	WIDTH	HEIGHT	LENGTH	MANUFACTURER	TYPE
RAD-A	550 FT	SEE PLANS	160°F	3 1/8"	10 3/4"	SEE PLANS	VULCAN	LC-209
RAD-B	5209	19	160°F	5 3/8"	8"	63"	JAGA	MINI FREESTANDING (TYPE II)
RAD-C	8863	6	160°F	5 3/8"	8"	94 1/2"	JAGA	MINI FREESTANDING (TYPE II)



Key Plan (not to scale)

11. 6/23/2021 BID ADDENDUM 5
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 1. 1/10/2020 ISSUED FOR DD ESTIMATE
- No. Date Revision/Submission
- STRUCTURAL & SITE CIVIL ENGINEER**
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 914-945-3450

Stamp

Project Title
**IONA PREPARATORY SCHOOL
 ADDITION AND ALTERATION TO THE
 PAUL VERNI FINE ARTS CENTER**

Project Address
**IONA PREPARATORY SCHOOL
 255 Wilmot Road
 New Rochelle, NY 10804**

Drawing Title
MECHANICAL SCHEDULES II

Scale Job No. Date Drawing No.
 NTS 20-2723 04/03/2019 M-602

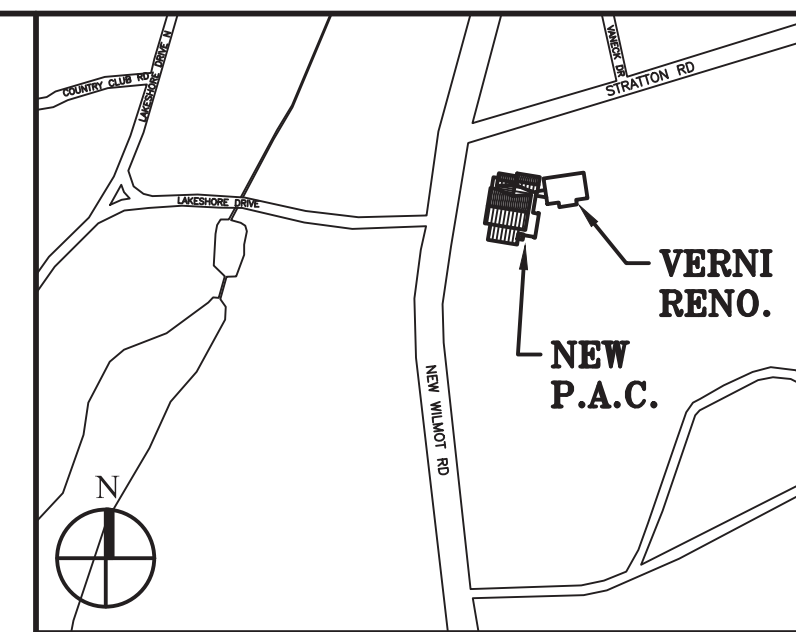
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FAN SCHEDULE											
FAN DESIGN.	AREA SERVED	CFM	STATIC PRESSURE (INCHES)	ELEC.CHAR. (V-PH-HZ)	MOTOR (HP)	FAN TYPE	RPM	MODEL #	MANUFACTURER	DIMENSIONS WxDxH OR DIA (IN)	REMARKS
TEF-1	WOMEN'S RESTROOM 133	250	0.5"	115-1-60	1/20	ROOF MOUNTED	1550	G-080-DG	GREENHECK	19.4x19.4x12.1	INTEGRATE INTO LIGHTING CONTROL FOR ROOM AND OPERATE ON 15 MIN TIME DELAY AFTER LIGHTS TURN OFF. PROVIDE VARIGREEN DIAL CONTROL.
TEF-2	MEN'S RESTROOM 133	250	0.5"	115-1-60	1/20	ROOF MOUNTED	1550	G-080-DG	GREENHECK	19.4x19.4x12.1	INTEGRATE INTO LIGHTING CONTROL FOR ROOM AND OPERATE ON 15 MIN TIME DELAY AFTER LIGHTS TURN OFF. PROVIDE VARIGREEN DIAL CONTROL.
GEF-1	SCENE SHOP 122/ ART STUDIO 222	500	0.4"	115-1-60	1/6	ROOF MOUNTED	1550	G-090-VG	GREENHECK	21.75x21.75x14.6	PROVIDE LOCAL SWITCH IN SCENE SHOP AND ART STUDIO. PROVIDE VARIGREEN DIAL CONTROL.
OAF-1	SCENE SHOP 122/ ART STUDIO 222	500	0.4"	115-1-60	1/6	IN-LINE	1550	9Q-95-VG	GREENHECK	15x16x15	INTERLOCK OAF-1 WITH GEF-1 SERVING SCENE SHOP AND ART STUDIO. PROVIDE VARIGREEN DIAL CONTROL.
9AF-1	LOBBY FOYER 103	1400	0.5"	115-1-60	1/3	ROOF MOUNTED	1480	CUE-121	GREENHECK	25x28x25	-
9AF-2	LOBBY FOYER 203	1400	0.5"	115-1-60	1/3	ROOF MOUNTED	1480	CUE-121	GREENHECK	25x28x25	-
RAF-1	FURN-1	1600	0.25"	115-1-60	-	IN-LINE	1325	CSP-A1B0	GREENHECK	35x15x15	INTERLOCK RAF WITH UNIT SUPPLY FAN. PROVIDE DIAL SPEED CONTROL.
RAF-2	FURN-2	1600	0.25"	115-1-60	-	IN-LINE	1325	CSP-A1B0	GREENHECK	35x15x15	INTERLOCK RAF WITH UNIT SUPPLY FAN. PROVIDE DIAL SPEED CONTROL.
RAF-3	FURN-3	2000	0.25"	115-1-60	-	IN-LINE	1300	CSP-A2B0	GREENHECK	35x15x15	INTERLOCK RAF WITH UNIT SUPPLY FAN. PROVIDE DIAL SPEED CONTROL.

CEILING DIFFUSER SCHEDULE							
DESIGNATION	NOMINAL SIZE	MODEL	NECK SIZE	CFM RANGE	MAX. THROW	MAX. NC	REMARKS
CD-A	12x12	OMNI	8"	0-244	16	17	SQUARE CEILING DIFFUSER
CD-B	24x24	OMNI	8"	0-244	10	12	SQUARE CEILING DIFFUSER
CD-C	24x24	OMNI	10"	245-400	13	17	SQUARE CEILING DIFFUSER
CD-D	22.5"D	R-OMNI	10"	0-400	13	20	CIRCULAR CEILING DIFFUSER

SELECTIONS ARE BASED ON "TITUS" MANUFACTURER



Key Plan (not to scale)

FLOW BAR DIFFUSER SCHEDULE													
DESIGNATION	TYPE	NOMINAL FLOWBAR OPENING (IN)	# OF SLOTS	CFM/FT	TOTAL LENGTH (FT)	ACTIVE LENGTH (FT)	TOTAL SUPPLY (CFM)	NC	MAX. THROW	MOUNTING	BORDER TYPE	MODEL	REMARKS
FBJ-1	SUPPLY / RETURN	1"	1	5: 70 R: 42	SEE PLAN	SEE PLAN	VARIES	20	20	WALL/CEILING	22	FL-10 JT	PROVIDE 1" LINED PLENUM BOX
FBJ-1B	SUPPLY / RETURN	1.5"	1	5: 120 R: 63	SEE PLAN	SEE PLAN	VARIES	22	26	WALL/CEILING	22	FL-15 JT	PROVIDE 1" LINED PLENUM BOX
FBJ-2	SUPPLY / RETURN	2"	1	5: 195 R: 84	SEE PLAN	SEE PLAN	VARIES	29	34	WALL	22	FL-20 JT	PROVIDE 1" LINED PLENUM BOX
FBH-1	SUPPLY / RETURN	1"	1	5: 55 R: N/A	SEE PLAN	SEE PLAN	VARIES	26	21	CEILING	22	FL-10 HT	PROVIDE 1" LINED PLENUM BOX
FBH-1B	SUPPLY / RETURN	1.5"	1	5: 60 R: N/A	SEE PLAN	SEE PLAN	VARIES	31	25	CEILING	22	FL-15 HT	PROVIDE 1" LINED PLENUM BOX
FBH-2	SUPPLY / RETURN	2"	1	5: 75 R: N/A	SEE PLAN	SEE PLAN	VARIES	33	27	CEILING	22	FL-20 HT	PROVIDE 1" LINED PLENUM BOX

SELECTIONS BASED ON "TITUS" MANUFACTURER

- PROVIDE SOUND ATTENUATION FOR ALL SUPPLY AND RETURN PLENUM BOXES
- DUCTWORK FABRICATOR TO VERIFY PLENUM SIZES WITH ALL CONSTRUCTION DETAILS. COORDINATE WITH G.C. FOR CUSTOM CUTS TO ACCOMMODATE FRAMING.
- PROVIDE BLANK OFFS FOR UNUSED SECTION OF FLOWBAR (ACCESSORY MODEL # FB00 BLANK-OFF)
- PROVIDE INSULATED RETURN HOOD / LIGHT SHIELD FOR PLENUM RETURN SECTIONS OF FLOWBAR (ACCESSORY MODEL # FBRI INSULATED RETURN HOOD / LIGHT SHIELD)
- FOR PORTIONS OF HIGH-THROW FLOWBAR THAT ARE UTILIZED FOR RETURN CONTRACTOR RESPONSIBLE FOR FIELD CUTTING OUT BAFFLE AND INSTALL INSULATED RETURN HOOD/PLENUM.

SINGLE DEFLECTION RETURN/EXHAUST REGISTER SCHEDULE					
DESIGNATION	CFM	SIZE	NC	MODEL	REMARKS
RR-A	0-2250	24x24	25	350RL	-
RR-B	0-810	24x12	13	350RL	-
RR-C	0-285	12x8	10	350RL	-
RR-D	0-3375	42x24	20	350RL	-

SELECTIONS ARE BASED ON "TITUS" MANUFACTURER. REGISTERS HAVE 35° DEFLECTION WITH 3/4" BLADE SPACING. FINAL COLOR SHALL BE APPROVED BY ARCHITECT.

SINGLE DEFLECTION SUPPLY REGISTERS					
DESIGNATION	CFM	SIZE	NC	THROW	MODEL
SR-A	0-285	12x8	15	24	301RL

SELECTIONS ARE BASED ON "TITUS" MANUFACTURER. REGISTERS ARE DOUBLE DEFLECTION WITH 3/4" BLADE SPACING. STEEL MATERIAL, WELDED BORDER. FINAL COLOR SHALL BE APPROVED BY ARCHITECT.

ELECTRIC CABINET HEATER SCHEDULE							
DESIGNATION	LOCATION	HEATER TYPE	KW	ELEC.CHAR. (VOLTS-PH)	SERIES	MODEL	MANUFACTURER
ECH-1	MECHANICAL ROOM	FAN FORCED WALL HEATER	3	208-1	AUFA	AUFA3008	STELPRO
ECH-2	STORAGE	FAN FORCED WALL HEATER	3	208-1	AUFA	AUFA3008	STELPRO
ECH-3	STORAGE	FAN FORCED WALL HEATER	3	208-1	AUFA	AUFA3008	STELPRO
ECH-4	STAIR 1-B	FAN FORCED WALL HEATER	3	208-1	AUFA	AUFA3008	STELPRO
ECH-5	MECHANICAL ROOM	FAN FORCED WALL HEATER	3	208-1	AUFA	AUFA3008	STELPRO

*PROVIDE ADAPTOR KIT FOR SIDES OF HEATER WHEN NOT RECESSED IN WALL. WHEN UNIT CAN BE RECESSED THEY SHOULD BE. COORDINATE EACH LOCATION WITH ARCHITECT.
*PROVIDE WALL MOUNTED DIGITAL THERMOSTAT

ELECTRIC DUCT HEATER SCHEDULE											
DESIGNATION	LOCATION	CFM	DUCT SIZE	AIR VELOCITY (FPM)	DUCT HEATER CHARACTERISTICS					REMARKS	
					HEATER TYPE	KW	NO. OF HEATING STAGES	ELEC.CHAR. (VOLTS-PH)	SIZE		MODEL
EDH-1	NORTH CORRIDOR 203	500	10x10	175	OPEN COIL	11	MODULATING	208-3PH	10x10	QUA	PROPORTIONAL MODULATING CONTROL

BASED ON "INDEECO" MANUFACTURER.
- "K" CONTROLS OPTION WHICH INCLUDES AUTOMATIC RESET THERMAL CUTOFFS, SAFETY MAGNETIC CONTACTORS, FUSES, TRANSFORMER TO SUPPLY INTERNAL CONTROL CIRCUIT AND SAFETY DISCONNECT SWITCH.
- INCLUDE AIRFLOW INTERLOCK & DUCT MOUNTED THERMOSTAT
- INCLUDE OVERTEMPERATURE PROTECTION.

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No. Date Revision/Submission

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Stamp

Project Title
IONA PREPARATORY SCHOOL
ADDITION AND ALTERATION TO THE
PAUL VERNI FINE ARTS CENTER

Project Address
IONA PREPARATORY SCHOOL
255 Wilmot Road
New Rochelle, NY 10804

Drawing Title
MECHANICAL SCHEDULES III

Scale Job No. Date Drawing No.
NTS 20-2723 04/03/2019 M-603

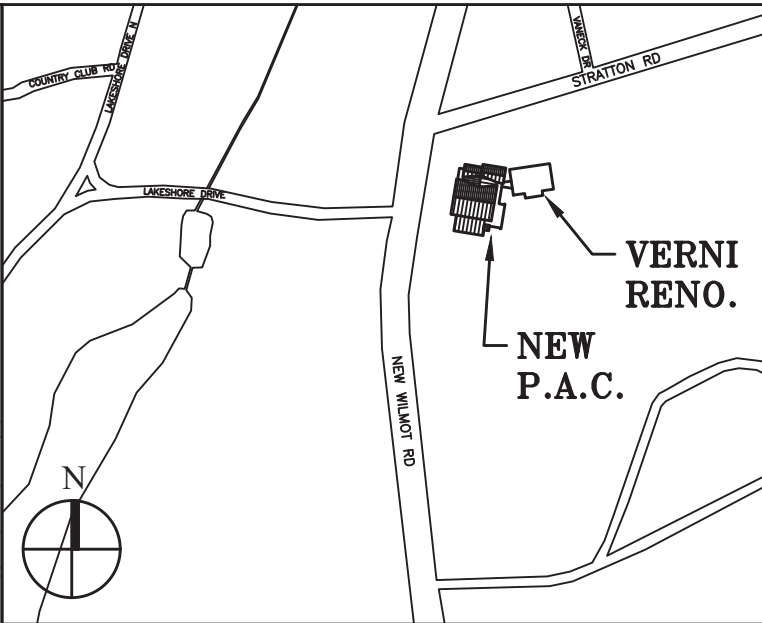
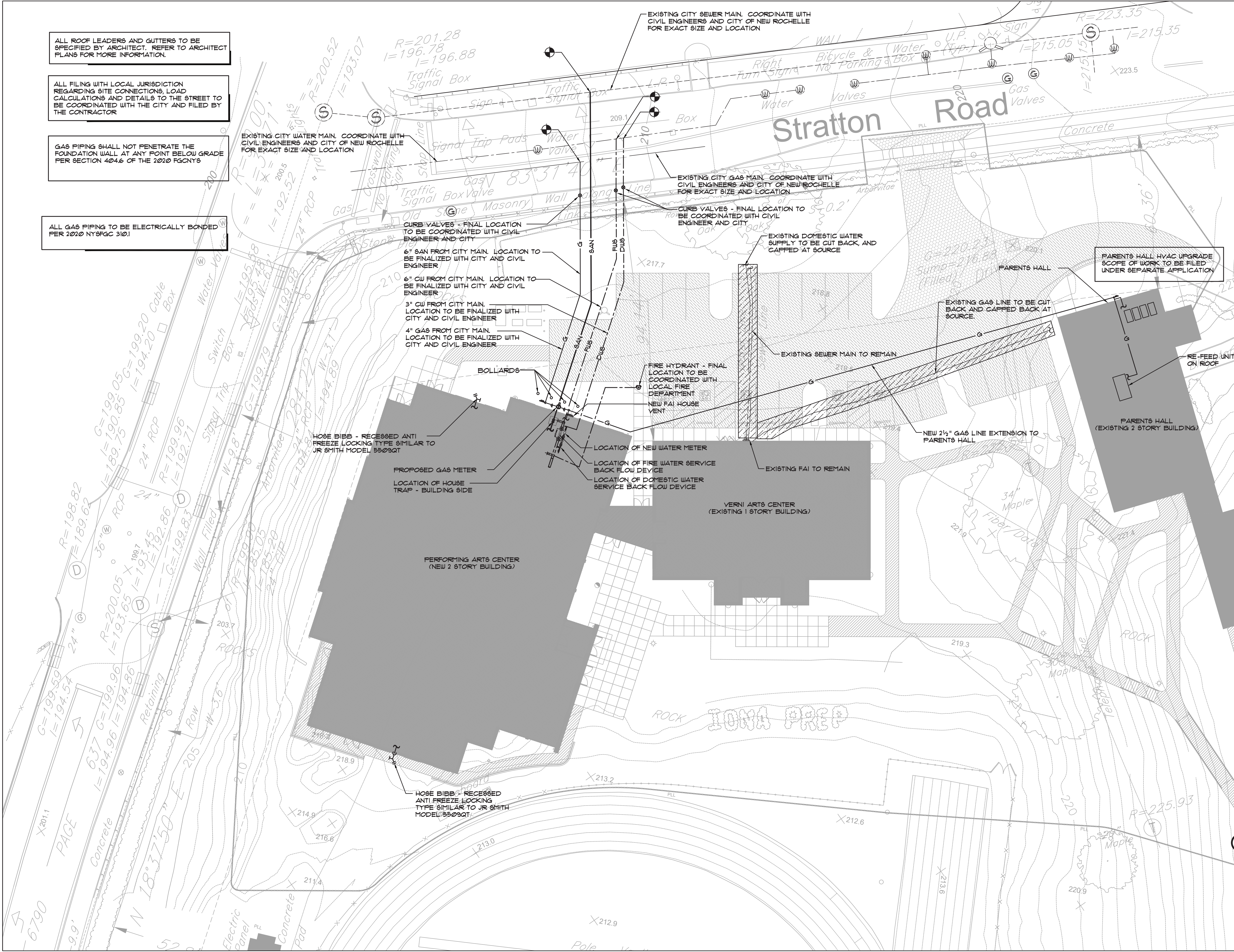
Drawn
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914 478 3677
PETER GISOLFI ASSOCIATES

ALL ROOF LEADERS AND GUTTERS TO BE SPECIFIED BY ARCHITECT. REFER TO ARCHITECT PLANS FOR MORE INFORMATION.

ALL FILING WITH LOCAL JURISDICTION REGARDING SITE CONNECTIONS, LOAD CALCULATIONS AND DETAILS TO THE STREET TO BE COORDINATED WITH THE CITY AND FILED BY THE CONTRACTOR

GAS PIPING SHALL NOT PENETRATE THE FOUNDATION WALL AT ANY POINT BELOW GRADE PER SECTION 404.6 OF THE 2020 FGCNYS

ALL GAS PIPING TO BE ELECTRICALLY BONDED PER 2020 NYSFC 310.1



Key Plan (not to scale)

11.	6/23/2021	BID ADDENDUM 5
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8.	6/09/2021	BID ADDENDUM 1
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Project Title
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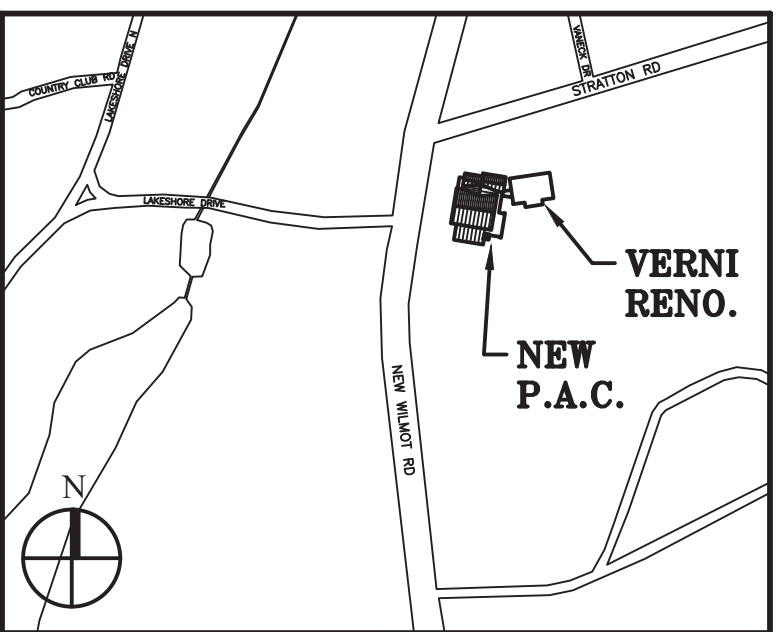
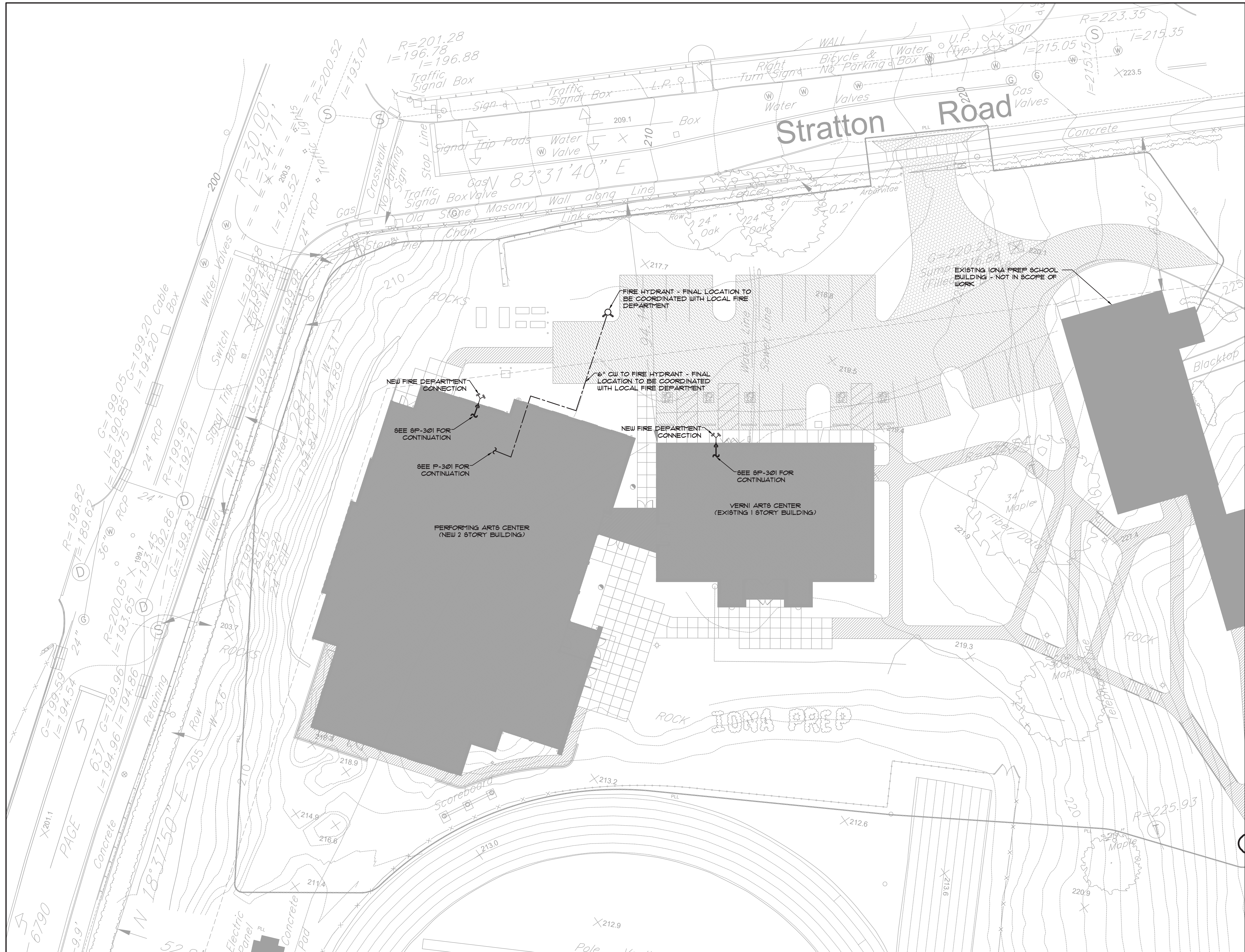
Project Address
 IONA PREPARATORY SCHOOL
 255 Wilmot Road
 New Rochelle, NY 10804

Drawing Title
 PLUMBING SITE PLAN

Scale	Job No.	Date	Drawing No.
1/16"=1'-0"	20-2723	04/03/2019	P-102

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PETER GISOLFI ASSOCIATES



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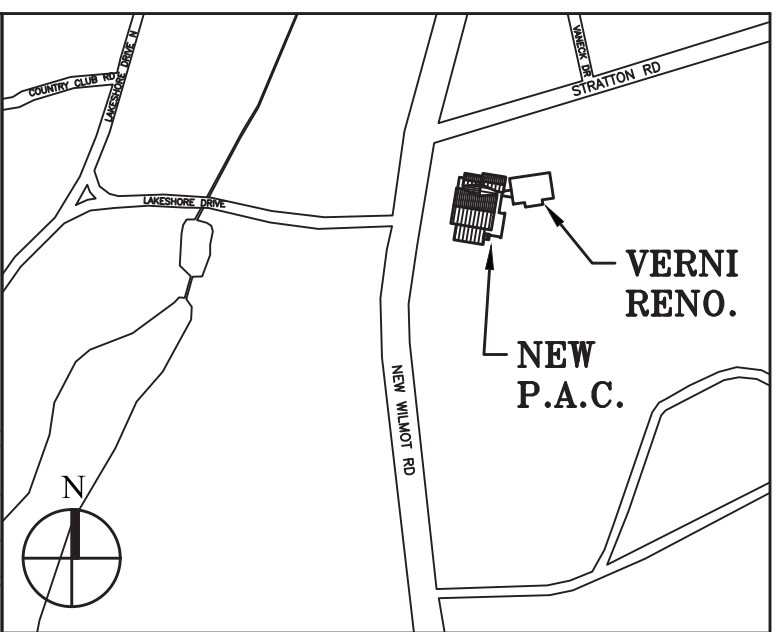
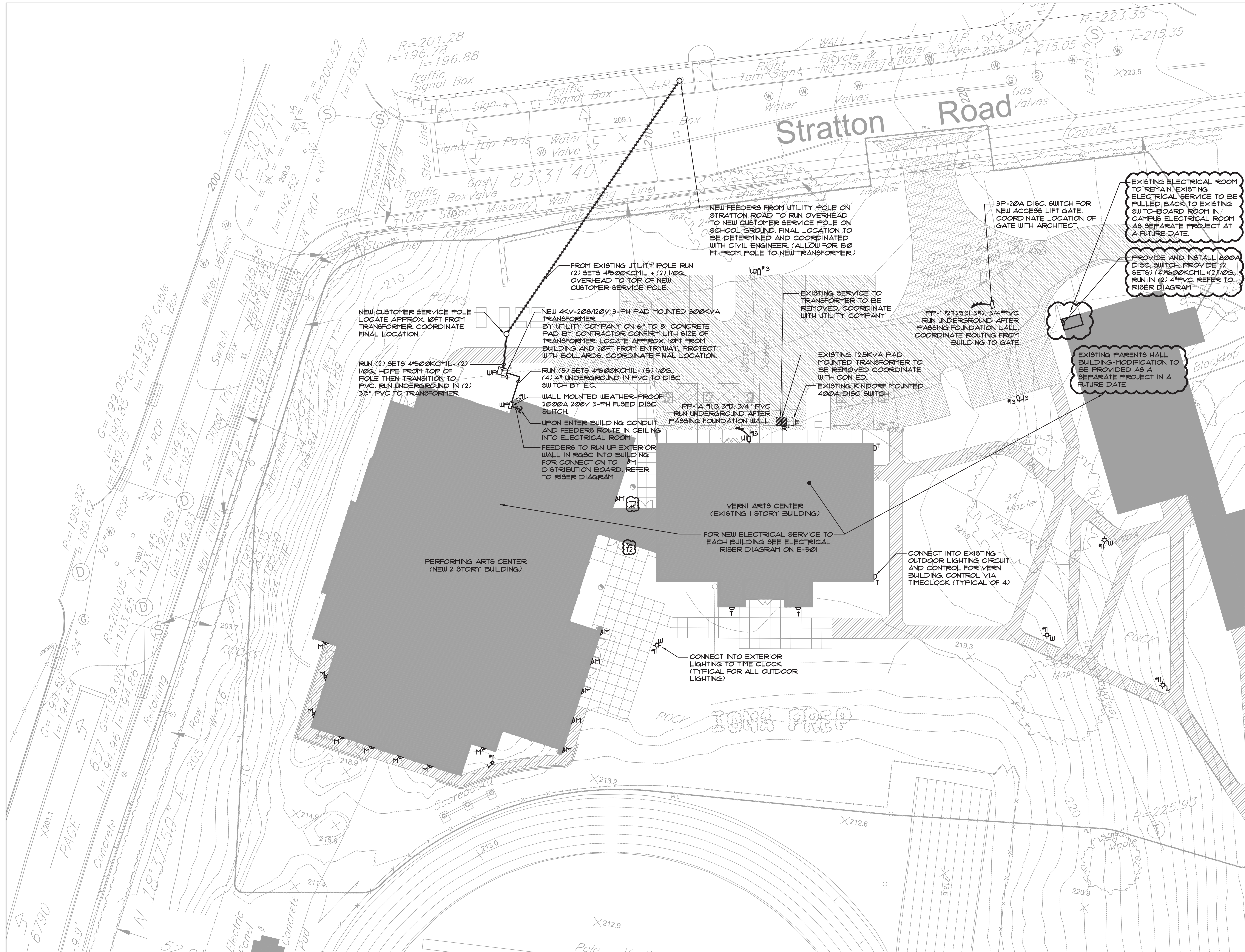
Project Title
IONA PREPARATORY SCHOOL
ADDITION AND ALTERATION TO THE
PAUL VERNI FINE ARTS CENTER

Project Address
IONA PREPARATORY SCHOOL
255 Wilmot Road
New Rochelle, NY 10804

Drawing Title
SPRINKLER SITE PLAN

Scale	Job No.	Date	Drawing No.
1/16"=1'-0"	20-2723	04/03/2019	SP-103

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No.	Date	Revision/Submission
STRUCTURAL & SITE CIVIL ENGINEER		
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MEP ENGINEER		
JMV CONSULTING ENGINEERING, P.C. 37 W. 59 STREET, STE 703 NEW YORK, NY 10019 212-652-9855		
ROOFING CONSULTANT		
WATSKY ASSOCIATES 20 MADISON AVENUE VALHALLA, NY 10595 914-945-3450		

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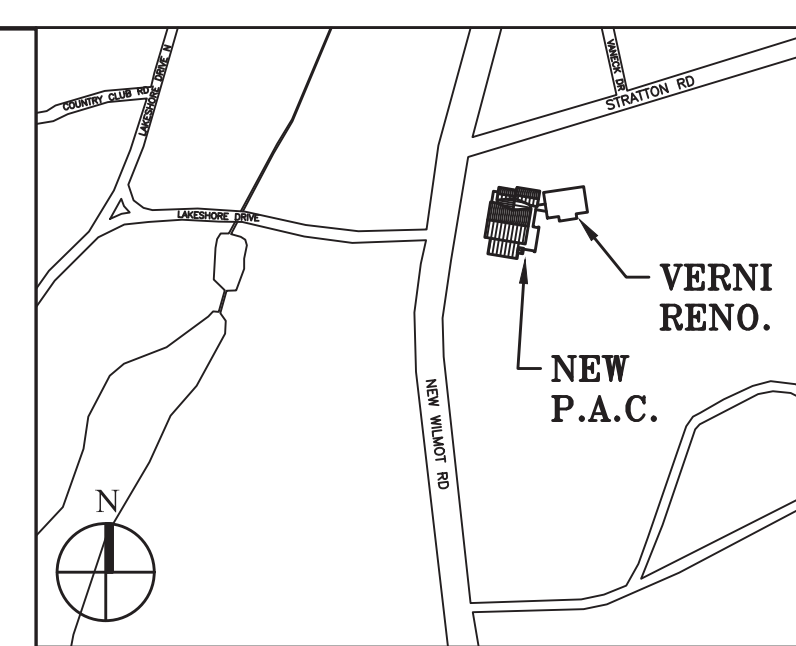
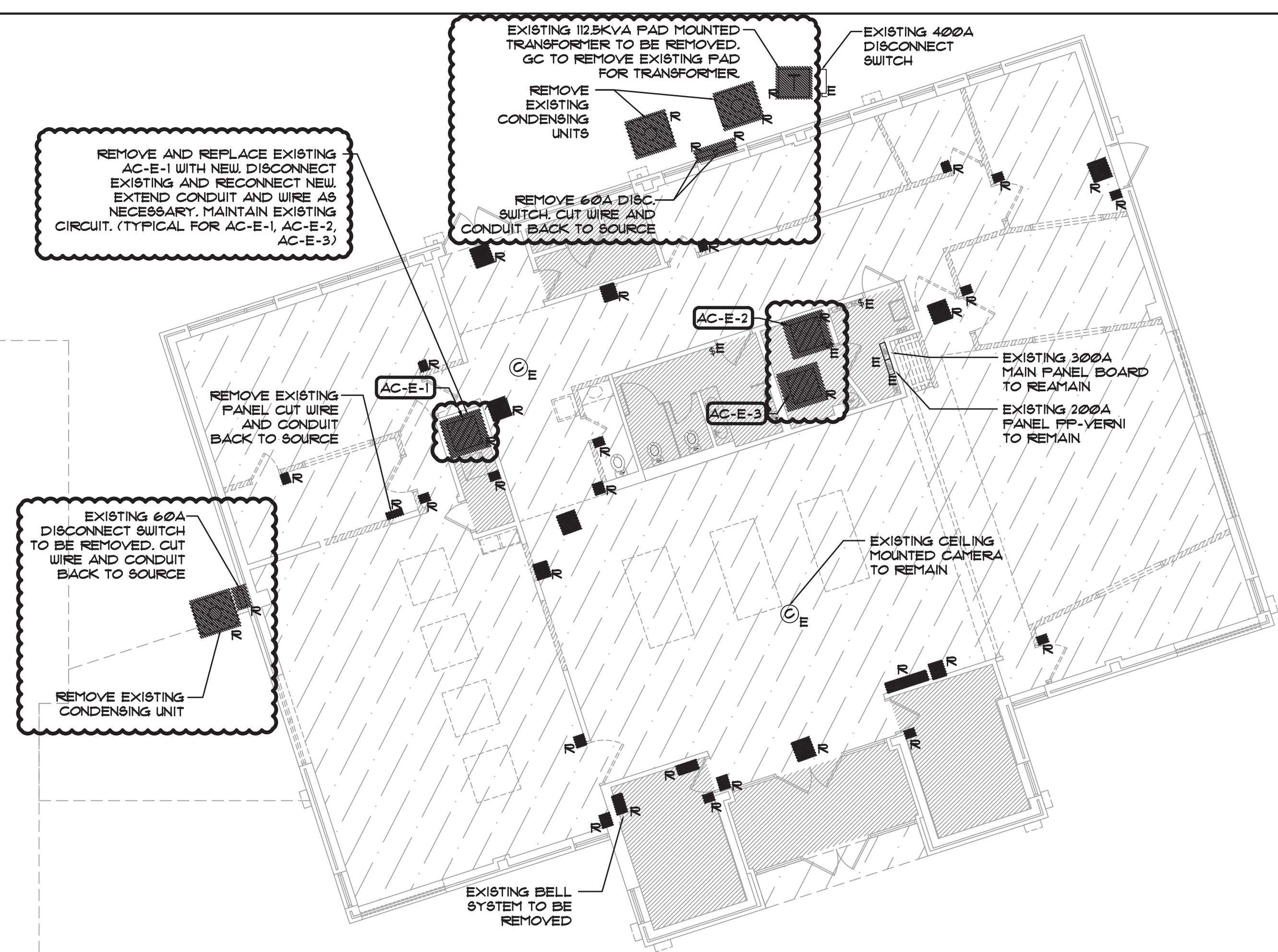
Project Title
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Project Address
**IONA PREPARATORY SCHOOL
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 New Rochelle, NY 10804**

Drawing Title
ELECTRICAL SITE PLAN

Scale	Job No.	Date	Drawing No.
1/16"=1'-0"	20-2723	04/03/2019	E-105

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Key Plan (not to scale)

- DEMOLITION NOTES**
1. PRIOR TO SUBMISSION OF THE BID, THIS CONTRACTOR SHALL VISIT THE SITE AND BECOME FAMILIAR WITH ALL EXISTING CONDITIONS TO DETERMINE THEIR IMPACT ON THE EXECUTION OF WORK IN THIS CONTRACT.
 2. THE DEMOLITION WORK SHALL INCLUDE, BUT NOT BE LIMITED TO, ANY AND ALL MATERIALS, CONNECTIONS, EXTENSIONS, CUTTING, REPAIRING & OTHER ELECTRICAL WORK, TEMPORARY OR PERMANENT, THAT MAY BE REQUIRED TO MAINTAIN SERVICE THROUGH THE COMPLETION OF THIS PROJECT. COORDINATE THE EXTENT OF THE DEMOLITION WORK WITH THE ARCHITECT.
 3. EXISTING FEEDERS AND BRANCH CIRCUITING PASSING THROUGH THE AREA OF DEMOLITION AND SERVING OCCUPIED ADJACENT AREAS AND/OR INTERFERING WITH THE NEW WORK SHALL BE TRACED AND RELOCATED BY THIS CONTRACTOR. ALL NECESSARY SHUTDOWNS REQUIRED TO PERFORM THIS WORK SHALL BE COORDINATED WITH THE BUILDING MANAGEMENT.
 4. WIRING, CONDUITS, AND SUPPORTS FOR FEEDERS AND BRANCH CIRCUITING SHALL BE REMOVED TO THEIR PANEL OF ORIGIN.
 5. MAINTAIN THE CONTINUITY OF EXISTING BRANCH CIRCUITING SERVING REMAINING ELECTRICAL DEVICES OUTSIDE THE SCOPE OF WORK WHERE PORTIONS OF EXISTING BRANCH CIRCUITING ARE BEING REMOVED.
 6. IDENTIFY AS SPARE ANY PROTECTIVE DEVICE IN EXISTING PANELS THAT ARE MADE SPARE DUE TO DEMOLITION. PANEL DIRECTORIES SHALL BE UPDATED ACCORDINGLY.
 7. UNLESS OTHERWISE NOTED, REMOVE ALL POWER AND COMMUNICATIONS OUTLETS AND DEVICES COMPLETE WITH WIRING, RACEWAYS AND BACK BOXES IN AREA OF DEMOLITION.
 8. ALL LIGHTING FIXTURES, SWITCHES AND ASSOCIATED WIRING & CONDUIT IN AREA OF DEMOLITION SHALL BE REMOVED UNLESS OTHERWISE NOTED.
 9. EXISTING BASE BUILDING FIRE ALARM SYSTEM DEVICES ARE TO REMAIN & KEPT OPERATIONAL DURING ALL STAGES OF THE PROJECT. ALL DEVICES SHALL BE PROPERLY PROTECTED.

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STRUCTURAL & SITE CIVIL ENGINEER
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 IONA PREPARATORY SCHOOL
 255 Wilmot Road
 New Rochelle, NY 10804

Drawing Title
 FIRST FLOOR ELECTRICAL
 DEMOLITION PLAN

Scale	Job No.	Date	Drawing No.
1/8"=1'-0"	20-2723	04/03/2019	E-201
Drawn			

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LIGHTING PLAN NOTES:

- 1 NEW LIGHT FIXTURES TO BE INSTALLED IN ROOMS, CONNECT TO EXISTING LIGHTING CIRCUIT. PROVIDE NEW SWITCH CONTROL AS SHOWN ON PLAN. CONTRACTOR TO TRACE AND FIELD VERIFY EXISTING CIRCUIT AND PANEL.
- 2 NEW LIGHT FIXTURES IN HALLWAY TO BE INSTALLED, CONNECT INTO EXISTING HALL LIGHT CIRCUIT. CONTRACTOR TO TRACE AND FIELD VERIFY EXISTING CIRCUIT AND PANEL.
- 3 LIGHT FIXTURES LABELED EM TO BE PROVIDED WITH AN INTEGRAL BATTERY BACKUP PACK. CONTRACTOR TO TRACE AND FIELD VERIFY EXISTING CIRCUIT AND PANEL.
- 4 FIXTURES LABEL EM/NL SHALL BE CONNECTED INTO EXISTING EXIT LIGHT CIRCUIT. CONTRACTOR TO TRACE AND FIELD VERIFY CIRCUIT AND PANEL.
- 5 NEW EXIT LIGHT, CONNECT INTO EXISTING EXIT LIGHT CIRCUIT. CONTRACTOR TO TRACE AND FIELD VERIFY CIRCUIT AND PANEL.
- 6 PROVIDE AND INSTALL NEW OCCUPANCY SENSOR.
- 7 PROVIDE AND INSTALL NEW VACANCY SENSOR.

NEW 4KV -120/208 3-PH PAD MOUNTED 500KVA TRANSFORMER BY UTILITY COMPANY ON 6" TO 8" CONCRETE PAD BY CONTRACTOR

NEW (B) SETS (4) 1/2" O.C.M.I.L. + (B) 1/2" O.C.S. (B) 4" P.V.C.

FEEDERS TO RUN UP EXTERIOR WALL INTO BUILDING TO METER & CT CABINET. FEEDERS TO RISES DIAGRAM CON-ED CT CABINET WALL MOUNTED METER AND MAIN SWITCH

NEW PANEL PP-1A MOUNTED ON KINDORFF NEW PANEL PP-1A MOUNTED ON KINDORFF 3P-400A DISTRIB. BOARD DP-A

NEW PANEL PP-1B MOUNTED ON KINDORFF 3P-400A DISTRIB. BOARD DP-B

PANEL PP-HVAC

CORNER FILL SECT. 32"x32"

CON-ED CT CABINET AND MAIN SWITCH

CONNECT EXTERIOR LIGHTING TO EXISTING EXTERIOR LIGHTING CIRCUIT. CONTROLLED VIA TIMECLOCK

CONNECT EXTERIOR LIGHTING TO EXISTING EXTERIOR LIGHTING CIRCUIT. CONTROLLED VIA TIMECLOCK (TYPICAL OF 4)

EXISTING 300A MAIN PANEL BOARD DP-VERNI TO REMAIN.

EXISTING 200A PANEL PP-VERNI TO REMAIN

CONNECT EXTERIOR LIGHTING TO EXISTING EXTERIOR LIGHTING CIRCUIT. CONTROLLED VIA TIME CLOCK IN ELECTRIC CLOSET.

EXISTING CEILING MOUNTED CAMERA TO REMAIN

NEW EXIT SIGN TO REPLACE EXISTING, MAINTAIN EXISTING CIRCUIT (TYPICAL)

MASTER SWITCH CONTROL FOR FIRST FLOOR LIGHTING

SEE DE-DUCT ALTERNATE SCOPE NOTES.

NOTE: COORDINATE CIRCUITING FOR ALL LIGHTING FIXTURES ON STAGE WITH LIGHTING CONSULTANT SCHEDULES, RELAY RACK, DIMMER RACK, CONTROL PANEL ETC. COORDINATE ALL THEATER LIGHTING AND CONTROLS WITH LIGHTING AND AV CONSULTANTS.

FOR UPPER STAGE LIGHTING FIXTURES

COORDINATE ROOM AND EQUIPMENT LAYOUT WITH LIGHTING AND SOUND CONSULTANTS.

MASTER SWITCH CONTROL FOR FIRST FLOOR LIGHTING

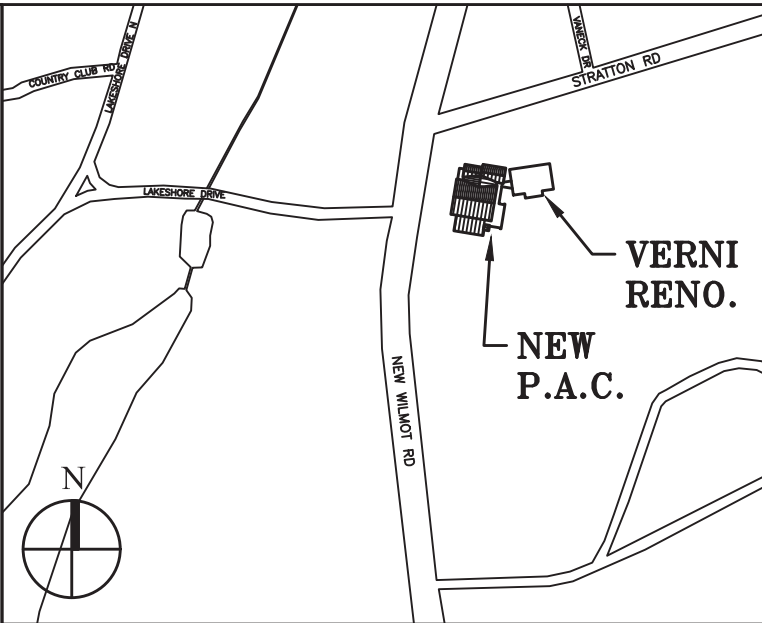
CONNECT EXTERIOR LIGHTING TO TIME CLOCK (TYPICAL)

LIGHTING FIXTURE NOTES:

- 1 REFER TO ARCHITECTURAL DRAWINGS FOR THE EXACT LOCATION, QUANTITIES, TYPES, AND MOUNTING HEIGHTS OF LIGHT FIXTURES, EXIT SIGNS, SWITCHES, DIMMERS, ETC.
- 2 PRIOR TO ORDERING LIGHTING FIXTURES, COORDINATE WITH ARCHITECTURAL AND ENGINEERING INFORMATION, OBTAIN CLARIFICATION OF ANY QUESTIONS PRIOR TO PROCEEDING.
- 3 ALL SWITCH TYPES AND FINISH TO BE COORDINATE WITH ARCHITECT AND LIGHTING CONSULTANT.
- 4 ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL ALL NEW LIGHT FIXTURES AS INDICATED AND INSTALL NEW SWITCHES, DIMMERS, ETC. FOR CONTROL OF LIGHT FIXTURES AS SHOWN ON ARCHITECTURAL DRAWINGS. VERIFY AND COORDINATE SWITCHING CONTROL WITH ARCHITECT AND LIGHTING CONSULTANT.
- 5 LIGHTING FIXTURES SHALL BE CIRCUITED IN ACCORDANCE WITH CIRCUIT NUMBER INDICATED ADJACENT TO EACH LIGHTING FIXTURE. CIRCUITRY MAY BE SHOWN IN CERTAIN INSTANCES AND ONLY UNDER SPECIAL CIRCUMSTANCES. PROVIDE ALL CONDUITS, WIRES AND BOXES AS WELL AS CEILING OUTLETS AND FIXTURES WHIPS REQUIRED FOR CIRCUITRY INCLUDING WIRING FOR SWITCHING OF THE FIXTURES.
- 6 CIRCUIT NUMBERS ARE FOR CONTRACTOR'S REFERENCE ONLY AND MAY NOT NECESSARILY REFLECT THE EXACT CIRCUIT ARRANGEMENT IN PANELS. CONTRACTOR SHALL ADJUST ACCORDINGLY IN THE FIELD TO BALANCE THE CIRCUITRY EVENLY ON ALL PHASES ON EACH PANEL. FINAL CIRCUIT NUMBERS AND ARRANGEMENT MUST BE INDICATED ON AS-BUILT DRAWINGS AS PER SPECIFICATIONS.
- 7 ALL LIGHTING FIXTURES SHALL BE PROVIDED WITH A DEDICATED NEUTRAL OR AN OVERSIZED NEUTRAL WHEN SHARED CIRCUIT FOR EMERGENCY LIGHTING AND EXIT LIGHT SHALL BE INSTALLED IN SEPARATE CONDUITS FROM NORMAL LIGHTING CIRCUITS. PROVIDE THE BARS ON ALL SINGLE PHASE CIRCUIT BREAKERS SERVING MULTI-WIRE BRANCH CIRCUITS IN COMPLIANCE WITH NEC ARTICLE 210.4(B).
- 8 ALL LIGHTING BRANCH CIRCUITS SERVING DIMMABLE FIXTURES SHALL HAVE SEPARATE NEUTRAL CONDUCTORS.
- 9 SEPARATELY MOUNTED OUTLET BOXES AND FLEXIBLE CONDUIT PIGTAIL CONNECTIONS SHALL BE PROVIDED FOR LIGHTING FIXTURES RECESSED IN HUNG CEILINGS. IN ACCESSIBLE TILE HUNG CEILING AREAS, A SINGLE OUTLET BOX MAY SERVE UP TO A MAXIMUM OF FOUR (4) LIGHTING FIXTURES USING FLEXIBLE CONDUIT PIGTAIL CONNECTIONS WITH A MAXIMUM LENGTH OF 6'-0".
- 10 PROVIDE AN OUTLET BOX FOR A MINIMUM OF TWO ADJACENT LIGHT FIXTURES. FLEXIBLE CONDUIT FROM OUTLET BOX TO FIXTURES SHALL NOT EXCEED 6'-0" IN LENGTH.
- 11 ALL JUNCTION OR OUTLET BOXES IN CONCEALED CEILINGS SHALL BE INSTALLED SO AS TO ALLOW ACCESS TO COVER APPROVED TO THE ARCHITECT. APPROVED ACCESS DOORS OR PLATES AS REQUIRED IN AREAS WHERE UNOBSTRUCTED ACCESS TO BOX OR OUTLET IS NOT POSSIBLE.
- 12 WHERE MULTIPLE SWITCHES ARE GROUPED TOGETHER AT ONE LOCATION, THEY SHALL BE MOUNTED IN A SINGLE OUTLET BOX WITH A COMMON FACEPLATE. BUTTED OUTLET BOXES AND SWITCHPLATES ARE NOT PERMITTED. PROVIDE DIVIDER FOR SEPARATION OF SERVICE.
- 13 ALL EXIT SIGNS SHALL BE EQUIPPED WITH AN EMERGENCY BATTERY PACK WITH 90 MINUTES OF BACK-UP, LED INDICATION AND PUSH TO TEST BUTTON.
- 14 ALL LIGHTING FIXTURES OUTSIDE OF THEATER AREA DESIGNATED WITH 'EM' SHALL BE PROVIDED WITH INTEGRAL EMERGENCY BATTERY PACK. EMERGENCY LIGHTING / EXIT SIGN CIRCUITS SHALL BE RUN IN SEPARATE CONDUITS THAN NORMAL LIGHTING CIRCUITS.
- 15 THEATER LIGHTING DESIGNATED AS (INV) SHALL BE CONNECTED TO 480V AT 208V SINGLE PHASE EMERGENCY LIGHTING INVERTER WITH 6 IP-20A OUTPUT CIRCUIT BREAKERS. ON/OFF CONTROL SHALL NOT CAUSE INVERTER CIRCUIT TO ENERGIZE.
- 16 ALL OPEN AREA AND CORRIDOR LIGHTING SHALL BE CONTROLLED WITH LIGHTING CONTRACTOR AND TIME CLOCK.
- 17 COORDINATE/REFER TO WIRING DIAGRAM ON DRAWING E-403. COORDINATE WITH THEATER CONSULTANT DESIGN DRAWINGS FOR SCHEDULING AND CONTROL OF THEATER LIGHT FIXTURES.
- 18 ALL THEATER LIGHTING SHALL BE COORDINATED AND CONNECTED THROUGH RELAY RACK AND DIMMER RACK. COORDINATE ALL ZONING AND CONTROL WITH VENDOR ETC.

DE-DUCT ALTERNATE:

CONTRACTOR SHALL PROVIDE DE-DUCT ALTERNATE PRICE FOR RENOVATING THE LIGHTING SHOWN IN THE ROOM AREAS DASHED OUT. PROVIDE AND INSTALL NEW LIGHT FIXTURES, SWITCH & SENSOR CONTROLS. NEW LIGHT FIXTURES SHALL CONNECT INTO EXISTING 120V CIRCUITS SERVING THESE AREAS. CONTRACTOR TO TRACE AND FIELD VERIFY EXISTING CIRCUIT(S) AND PANEL DESIGNATION. FINAL LOCATIONS FOR LIGHT FIXTURES AND SWITCH CONTROLS AS DIRECTED BY ARCHITECT.



Key Plan (not to scale)

11.	6/23/2021	BID ADDENDUM 5
10.	6/18/2021	ISSUED FOR BUILDING PERMIT
9.	6/09/2021	RE-ISSUED FOR BUILDING PERMIT REVIEW
8.	6/09/2021	BID ADDENDUM 1
7.	6/01/2021	ISSUED FOR BID
6.	5/07/2021	RE-ISSUED FOR BUILDING PERMIT REVIEW
5.	2/01/2021	ISSUED FOR BUILDING PERMIT REVIEW
4.	10/14/2020	ISSUED FOR PLANNING BOARD REVIEW
3.	9/23/2020	RESUBMITTED FOR ZONING REVIEW
2.	8/28/2020	ISSUED FOR PRELIMINARY DOB REVIEW
1.	1/10/2020	ISSUED FOR DD ESTIMATE

No.	Date	Revision/Submittal
STRUCTURAL & SITE CIVIL ENGINEER		
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ROOFING CONSULTANT		
WATSKY ASSOCIATES 20 MADISON AVENUE VALHALLA, NY 10595 914-945-3450		

Stamp

Project Title
**IONA PREPARATORY SCHOOL
ADDITION AND ALTERATION TO THE
PAUL VERNI FINE ARTS CENTER**

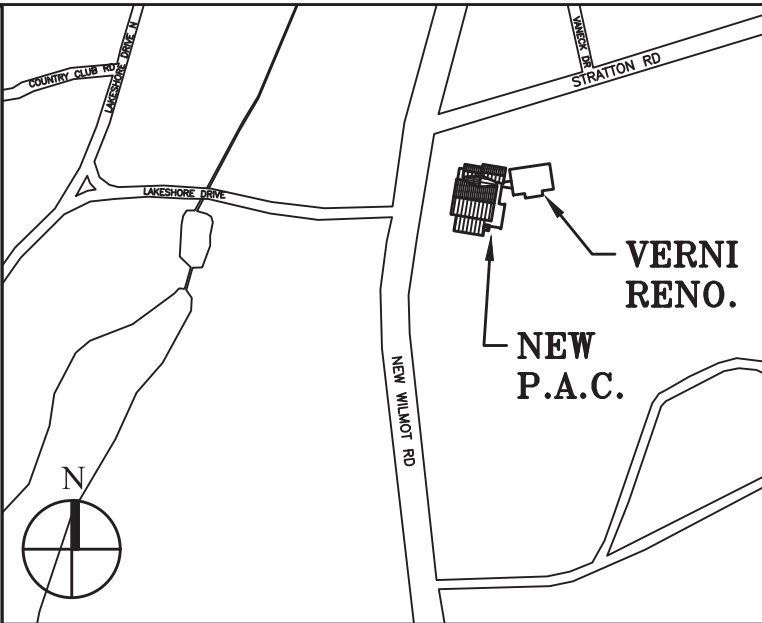
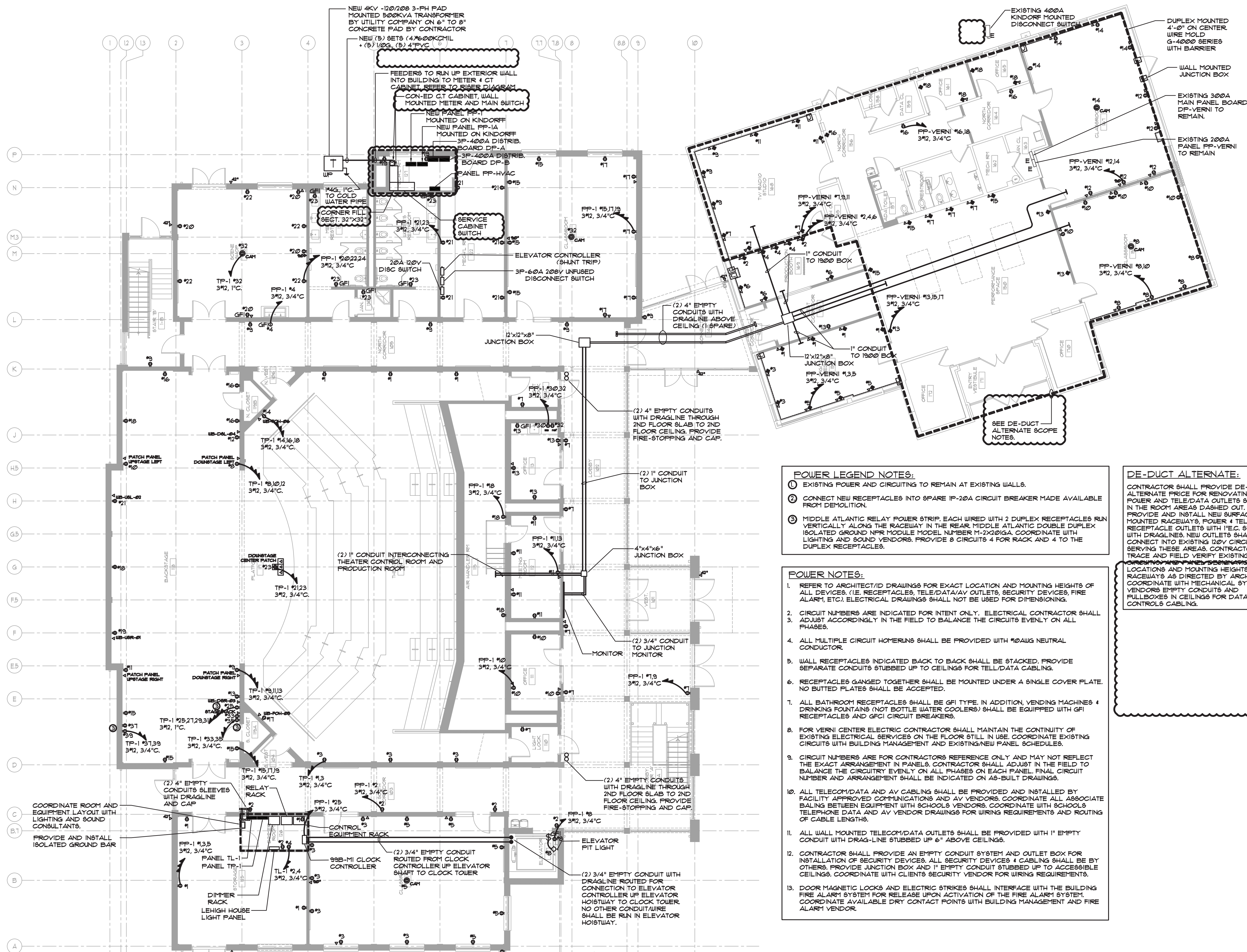
Project Address
**IONA PREPARATORY SCHOOL
255 Wilmot Road
New Rochelle, NY 10804**

Drawing Title
**FIRST FLOOR ELECTRICAL
LIGHTING PLAN**

Scale	Job No.	Date	Drawing No.
1/8"=1'-0"	20-2723	04/03/2019	E-301

Drawn
**Peter Gisolfi Associates
Architects Landscape Architects, LLP**
586 Warburton Avenue
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PETER GISOLFI ASSOCIATES



Key Plan (not to scale)

- POWER LEGEND NOTES:**
- EXISTING POWER AND CIRCUITING TO REMAIN AT EXISTING WALLS.
 - CONNECT NEW RECEPTABLES INTO SPARE IP-20A CIRCUIT BREAKER MADE AVAILABLE FROM DEMOLITION.
 - MIDDLE ATLANTIC RELAY POWER STRIP. EACH WIRED WITH 2 DUPLEX RECEPTABLES RUN VERTICALLY ALONG THE RACEWAY IN THE REAR. MIDDLE ATLANTIC DOUBLE DUPLEX ISOLATED GROUND NFR MODULE MODEL NUMBER M-3X2000/CA. COORDINATE WITH LIGHTING AND SOUND VENDORS. PROVIDE 8 CIRCUITS 4 FOR RACK AND 4 TO THE DUPLEX RECEPTABLES.

- POWER NOTES:**
- REFER TO ARCHITECT/ID DRAWINGS FOR EXACT LOCATION AND MOUNTING HEIGHTS OF ALL DEVICES. (IE RECEPTABLES, TELE/DATA/AV OUTLETS, SECURITY DEVICES, FIRE ALARM, ETC). ELECTRICAL DRAWINGS SHALL NOT BE USED FOR DIMENSIONING.
 - CIRCUIT NUMBERS ARE INDICATED FOR INTENT ONLY. ELECTRICAL CONTRACTOR SHALL ADJUST ACCORDINGLY IN THE FIELD TO BALANCE THE CIRCUITS EVENLY ON ALL PHASES.
 - ALL MULTIPLE CIRCUIT HOMERUNS SHALL BE PROVIDED WITH #10AWG NEUTRAL CONDUCTOR.
 - WALL RECEPTABLES INDICATED BACK TO BACK SHALL BE STACKED. PROVIDE SEPARATE CONDUITS STUBBED UP TO CEILING FOR TEL/DATA CABLING.
 - RECEPTABLES GANGED TOGETHER SHALL BE MOUNTED UNDER A SINGLE COVER PLATE. NO BUTTED PLATES SHALL BE ACCEPTED.
 - ALL BATHROOM RECEPTABLES SHALL BE GFI TYPE. IN ADDITION, VENDING MACHINES & DRINKING FOUNTAINS (NOT BOTTLE WATER COOLERS) SHALL BE EQUIPPED WITH GFI RECEPTABLES AND GFCI CIRCUIT BREAKERS.
 - FOR VERNI CENTER ELECTRIC CONTRACTOR SHALL MAINTAIN THE CONTINUITY OF EXISTING ELECTRICAL SERVICES ON THE FLOOR STILL IN USE. COORDINATE EXISTING CIRCUITS WITH BUILDING MANAGEMENT AND EXISTING/NEW PANEL SCHEDULES.
 - CIRCUIT NUMBERS ARE FOR CONTRACTORS REFERENCE ONLY AND MAY NOT REFLECT THE EXACT ARRANGEMENT IN PANELS. CONTRACTOR SHALL ADJUST IN THE FIELD TO BALANCE THE CIRCUITRY EVENLY ON ALL PHASES ON EACH PANEL. FINAL CIRCUIT NUMBER AND ARRANGEMENT SHALL BE INDICATED ON AS-BUILT DRAWINGS.
 - ALL TELECOM/DATA AND AV CABLING SHALL BE PROVIDED AND INSTALLED BY FACILITY APPROVED COMMUNICATIONS AND AV VENDORS. COORDINATE ALL ASSOCIATE BALANCING BETWEEN EQUIPMENT WITH SCHOOLS VENDORS. COORDINATE WITH SCHOOLS TELEPHONE DATA AND AV VENDOR DRAWINGS FOR WIRING REQUIREMENTS AND ROUTING OF CABLE LENGTHS.
 - ALL WALL MOUNTED TELECOM/DATA OUTLETS SHALL BE PROVIDED WITH 1" EMPTY CONDUIT WITH DRAG-LINE STUBBED UP 6" ABOVE CEILING.
 - CONTRACTOR SHALL PROVIDE AN EMPTY CONDUIT SYSTEM AND OUTLET BOX FOR INSTALLATION OF SECURITY DEVICES. ALL SECURITY DEVICES & CABLING SHALL BE BY OTHERS. PROVIDE JUNCTION BOX AND 1" EMPTY CONDUIT STUBBED UP TO ACCESSIBLE CEILING. COORDINATE WITH CLIENTS SECURITY VENDOR FOR WIRING REQUIREMENTS.
 - DOOR MAGNETIC LOCKS AND ELECTRIC STRIKES SHALL INTERFACE WITH THE BUILDING FIRE ALARM SYSTEM FOR RELEASE UPON ACTIVATION OF THE FIRE ALARM SYSTEM. COORDINATE AVAILABLE DRY CONTACT POINTS WITH BUILDING MANAGEMENT AND FIRE ALARM VENDOR.

DE-DUCT ALTERNATE:

CONTRACTOR SHALL PROVIDE DE-DUCT ALTERNATE PRICE FOR RENOVATING THE POWER AND TELE/DATA OUTLETS SHOWN IN THE ROOM AREAS DASHED OUT. PROVIDE AND INSTALL NEW SURFACE MOUNTED RACEWAYS, POWER & TELE/DATA RECEPTABLE OUTLETS WITH I.E.C. STUB-UPS WITH DRAGLINES. NEW OUTLETS SHALL CONNECT INTO EXISTING 120V CIRCUITS SERVING THESE AREAS. CONTRACTOR TO TRACE AND FIELD VERIFY EXISTING CONDUITS AND PANEL DESIGNATION FROM LOCATIONS AND MOUNTING HEIGHTS OF RACEWAYS AS DIRECTED BY ARCHITECT. COORDINATE WITH MECHANICAL SYSTEMS, VENDORS EMPTY CONDUITS AND FULBOXES IN CEILING FOR DATA AND CONTROLS CABLING.

- 6/23/2021 BID ADDENDUM 5
- 6/18/2021 ISSUED FOR BUILDING PERMIT
- 6/09/2021 RE-ISSUED FOR BUILDING PERMIT REVIEW
- 6/09/2021 BID ADDENDUM 1
- 6/01/2021 ISSUED FOR BID
- 5/07/2021 RE-ISSUED FOR BUILDING PERMIT REVIEW
- 2/01/2021 ISSUED FOR BUILDING PERMIT REVIEW
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- 9/23/2020 RESUBMITTED FOR ZONING REVIEW
- 8/28/2020 ISSUED FOR PRELIMINARY DOB REVIEW
- 1/10/2020 ISSUED FOR DD ESTIMATE

No. Date Revision/Submission

STRUCTURAL & SITE CIVIL ENGINEER
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Project Title
**IONA PREPARATORY SCHOOL
 ADDITION AND ALTERATION TO THE
 PAUL VERNI FINE ARTS CENTER**

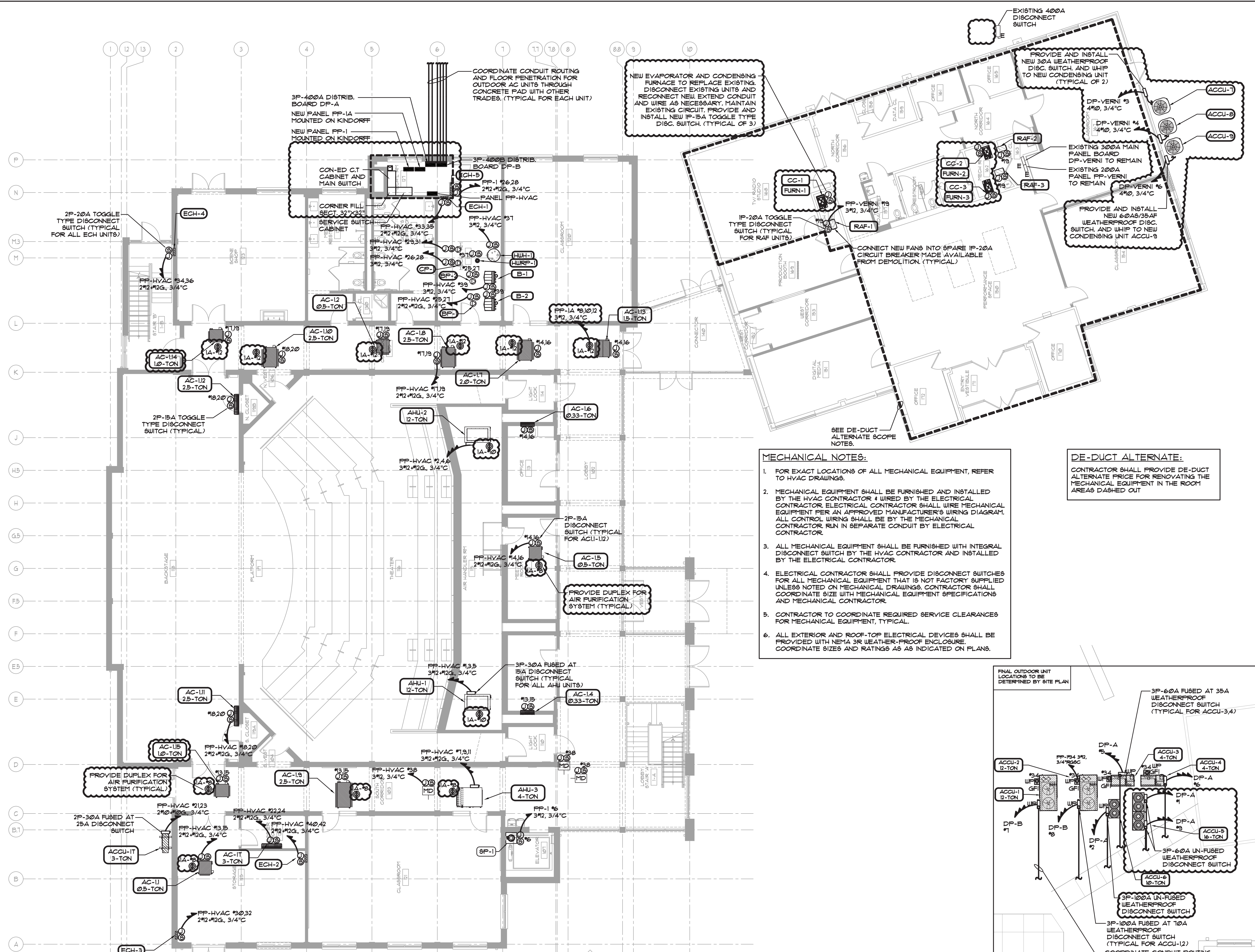
Project Address
**IONA PREPARATORY SCHOOL
 255 Wilmot Road
 New Rochelle, NY 10804**

Drawing Title
**FIRST FLOOR ELECTRICAL
 POWER PLAN**

Scale	Job No.	Date	Drawing No.
1/8"=1'-0"	20-2723	04/03/2019	E-303

Peter Gisolfi Associates
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 586 Warburton Avenue
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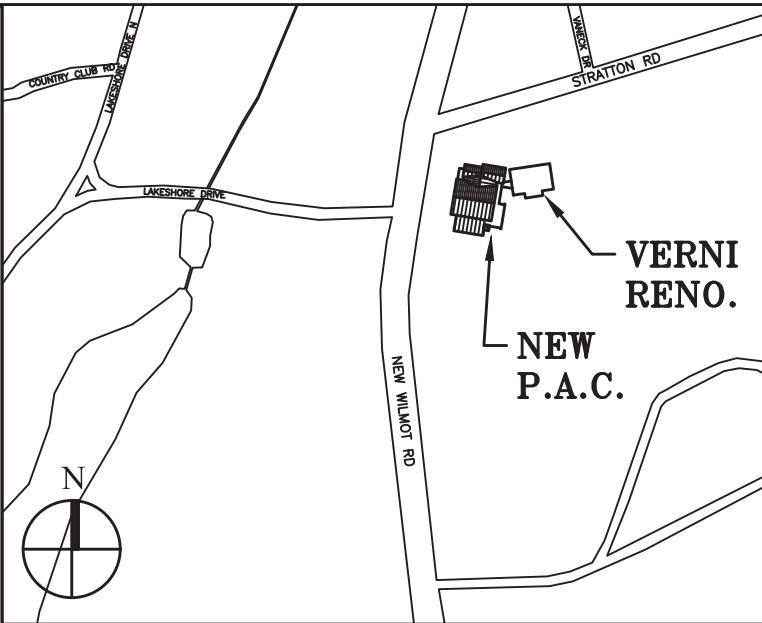
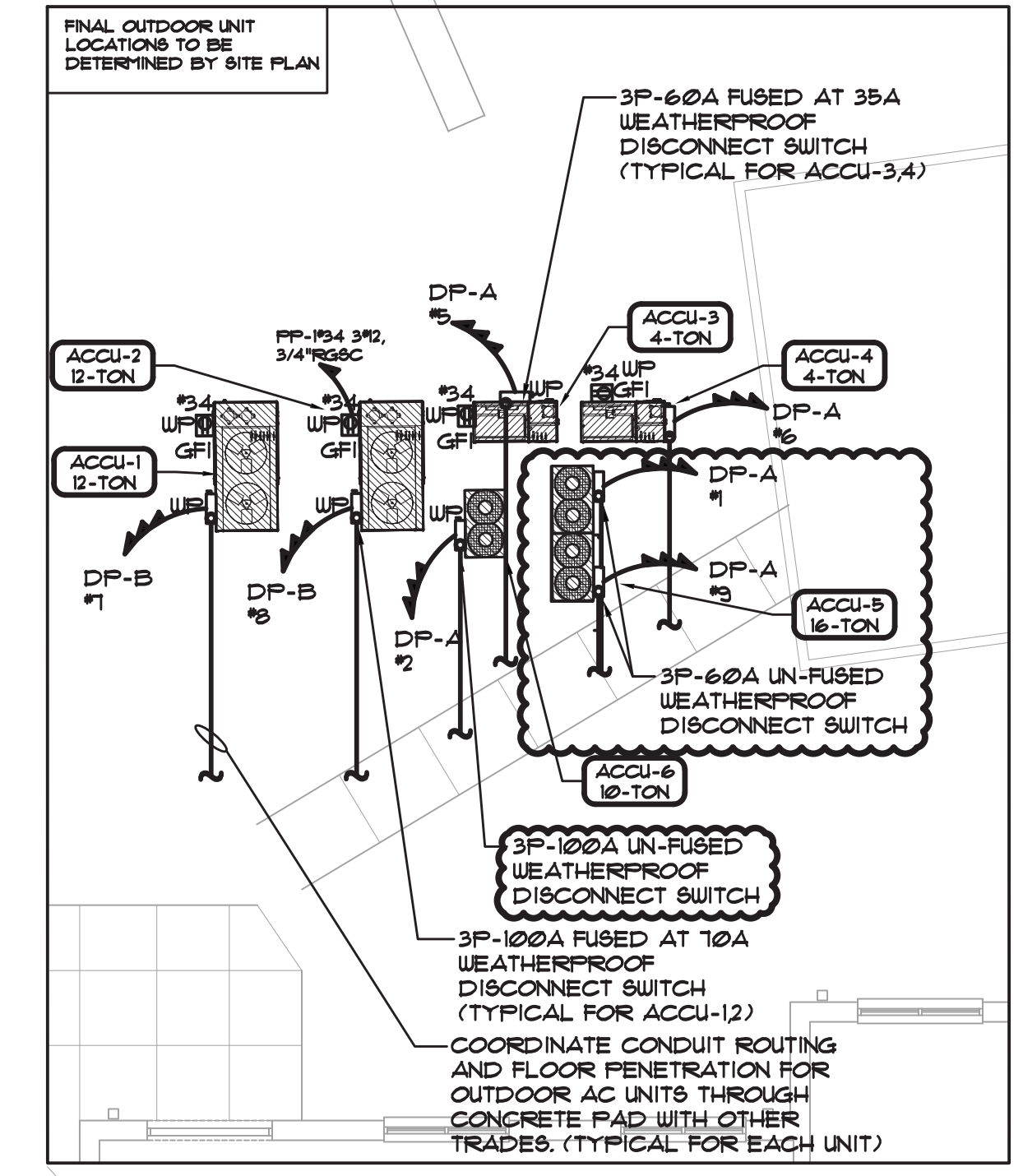
NEW EVAPORATOR AND CONDENSING FURNACE TO REPLACE EXISTING. DISCONNECT EXISTING UNITS AND RECONNECT NEW. EXTEND CONDUIT AND WIRE AS NECESSARY. MAINTAIN EXISTING CIRCUIT. PROVIDE AND INSTALL NEW IP-15A TOGGLE TYPE DISC. SWITCH. (TYPICAL OF 3)

PROVIDE AND INSTALL NEW 300A WEATHERPROOF DISC. SWITCH AND WHIP TO NEW CONDENSING UNIT (TYPICAL OF 2)

PROVIDE AND INSTALL NEW 60AS/35AF WEATHERPROOF DISC. SWITCH AND WHIP TO NEW CONDENSING UNIT ACCU-9

- MECHANICAL NOTES:**
- FOR EXACT LOCATIONS OF ALL MECHANICAL EQUIPMENT, REFER TO HVAC DRAWINGS.
 - MECHANICAL EQUIPMENT SHALL BE FURNISHED AND INSTALLED BY THE HVAC CONTRACTOR & WIRED BY THE ELECTRICAL CONTRACTOR. ELECTRICAL CONTRACTOR SHALL WIRE MECHANICAL EQUIPMENT PER AN APPROVED MANUFACTURER'S WIRING DIAGRAM. ALL CONTROL WIRING SHALL BE BY THE MECHANICAL CONTRACTOR. RUN IN SEPARATE CONDUIT BY ELECTRICAL CONTRACTOR.
 - ALL MECHANICAL EQUIPMENT SHALL BE FURNISHED WITH INTEGRAL DISCONNECT SWITCH BY THE HVAC CONTRACTOR AND INSTALLED BY THE ELECTRICAL CONTRACTOR.
 - ELECTRICAL CONTRACTOR SHALL PROVIDE DISCONNECT SWITCHES FOR ALL MECHANICAL EQUIPMENT THAT IS NOT FACTORY SUPPLIED UNLESS NOTED ON MECHANICAL DRAWINGS. CONTRACTOR SHALL COORDINATE SIZE WITH MECHANICAL EQUIPMENT SPECIFICATIONS AND MECHANICAL CONTRACTOR.
 - CONTRACTOR TO COORDINATE REQUIRED SERVICE CLEARANCES FOR MECHANICAL EQUIPMENT, TYPICAL.
 - ALL EXTERIOR AND ROOF-TOP ELECTRICAL DEVICES SHALL BE PROVIDED WITH NEMA 3R WEATHER-PROOF ENCLOSURE. COORDINATE SIZES AND RATINGS AS INDICATED ON PLANS.

DE-DUCT ALTERNATE:
CONTRACTOR SHALL PROVIDE DE-DUCT ALTERNATE PRICE FOR RENOVATING THE MECHANICAL EQUIPMENT IN THE ROOM AREAS DASHED OUT



Key Plan (not to scale)

11.	6/23/2021	BID ADDENDUM 5
10.	6/18/2021	ISSUED FOR BUILDING PERMIT
9.	6/09/2021	RE-ISSUED FOR BUILDING PERMIT REVIEW
8.	6/09/2021	BID ADDENDUM 1
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1.	1/10/2020	ISSUED FOR DD ESTIMATE
No.	Date	Revision/Submission
STRUCTURAL & SITE CIVIL ENGINEER		
DOMINICK R PILLA ASSOCIATES, P.C. 143 MAIN STREET NYACK, NY 10960 845-727-7793		
MEP ENGINEER		
JMV CONSULTING ENGINEERING, P.C. 37 W. 58 STREET, STE 703 NEW YORK, NY 10019 212-652-9855		
ROOFING CONSULTANT		
WATSKY ASSOCIATES 20 MADISON AVENUE VALHALLA, NY 10985 914-945-3450		
Stamp		

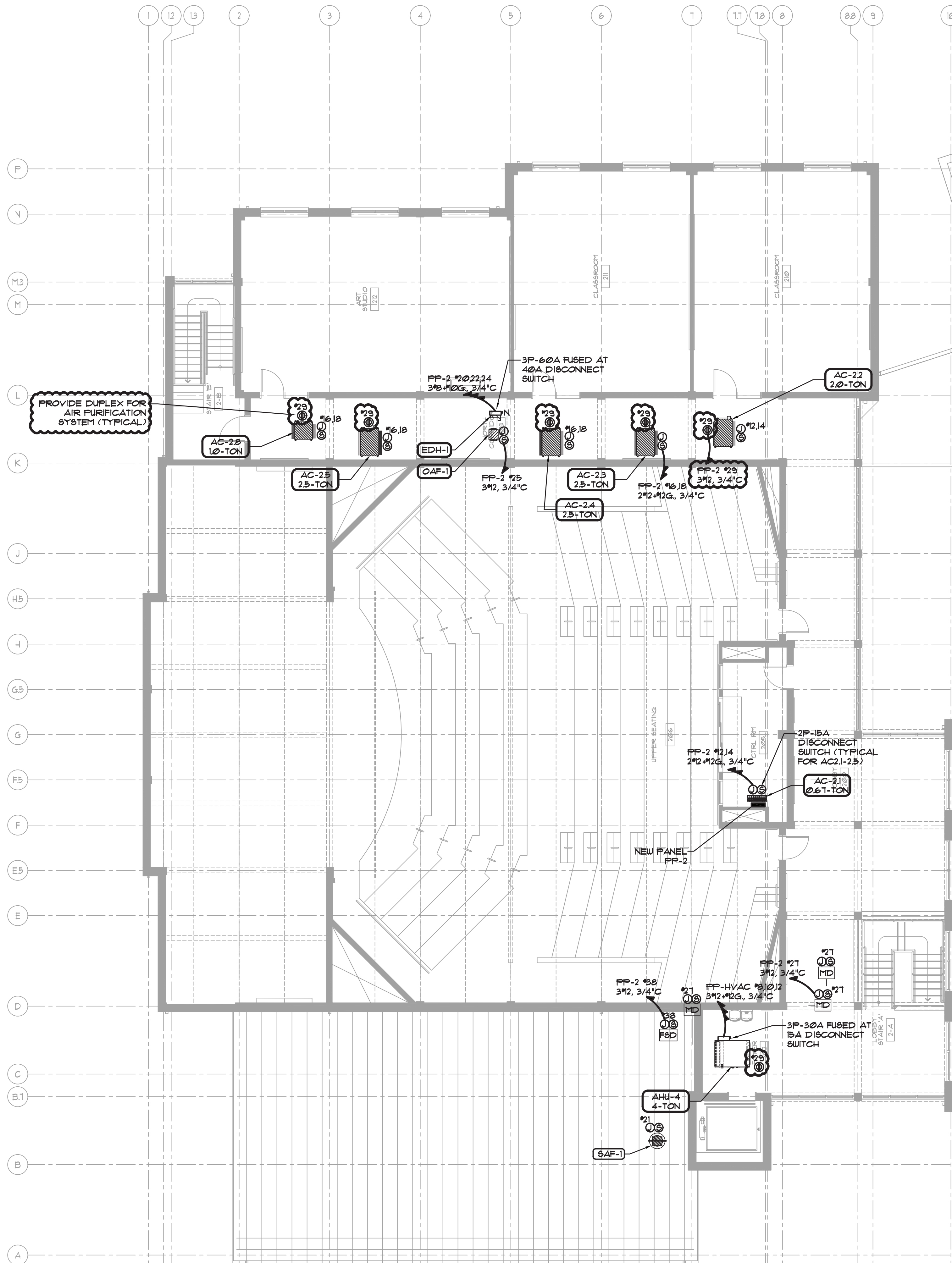
Project Title
**IONA PREPARATORY SCHOOL
ADDITION AND ALTERATION TO THE
PAUL VERNI FINE ARTS CENTER**

Project Address
**IONA PREPARATORY SCHOOL
255 Wilmot Road
New Rochelle, NY 10804**

Drawing Title
**FIRST FLOOR ELECTRICAL
MECHANICAL POWER PLAN**

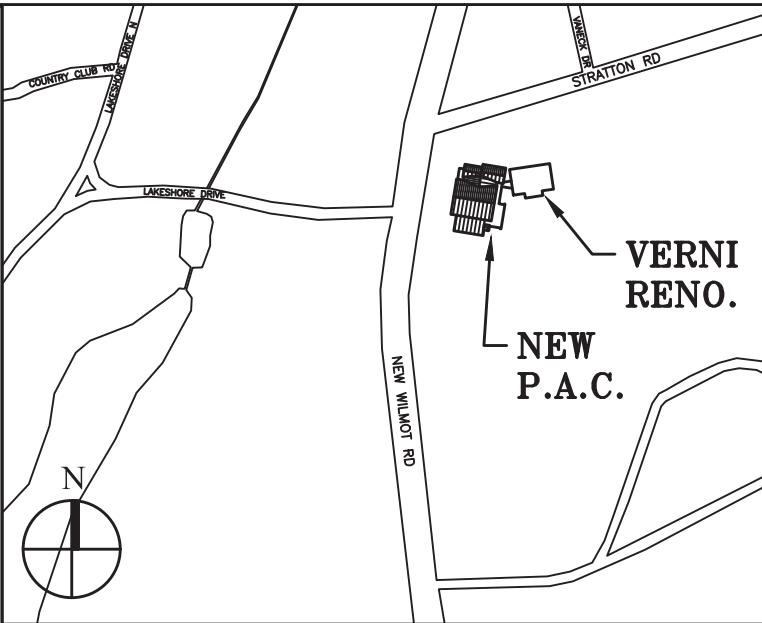
Scale	Job No.	Date	Drawing No.
1/8"=1'-0"	20-2723	04/03/2019	E-306

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MECHANICAL NOTES:

- FOR EXACT LOCATIONS OF ALL MECHANICAL EQUIPMENT, REFER TO HVAC DRAWINGS.
- MECHANICAL EQUIPMENT SHALL BE FURNISHED AND INSTALLED BY THE HVAC CONTRACTOR & WIRED BY THE ELECTRICAL CONTRACTOR. ELECTRICAL CONTRACTOR SHALL WIRE MECHANICAL EQUIPMENT PER AN APPROVED MANUFACTURER'S WIRING DIAGRAM. ALL CONTROL WIRING SHALL BE BY THE MECHANICAL CONTRACTOR RUN IN SEPARATE CONDUIT BY ELECTRICAL CONTRACTOR.
- ALL MECHANICAL EQUIPMENT SHALL BE FURNISHED WITH INTEGRAL DISCONNECT SWITCH BY THE HVAC CONTRACTOR AND INSTALLED BY THE ELECTRICAL CONTRACTOR.
- ELECTRICAL CONTRACTOR SHALL PROVIDE DISCONNECT SWITCHES FOR ALL MECHANICAL EQUIPMENT THAT IS NOT FACTORY SUPPLIED UNLESS NOTED ON MECHANICAL DRAWINGS. CONTRACTOR SHALL COORDINATE SIZE WITH MECHANICAL EQUIPMENT SPECIFICATIONS AND MECHANICAL CONTRACTOR.
- CONTRACTOR TO COORDINATE REQUIRED SERVICE CLEARANCES FOR MECHANICAL EQUIPMENT, TYPICAL.
- ALL EXTERIOR AND ROOF-TOP ELECTRICAL DEVICES SHALL BE PROVIDED WITH NEMA 3R WEATHER-PROOF ENCLOSURE. COORDINATE SIZES AND RATINGS AS AS INDICATED ON PLANS.



Key Plan (not to scale)

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No.	Date	Revision/Submission
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DOMINICK R PILLA ASSOCIATES, P.C. 143 MAIN STREET NYACK, NY 10960 845-727-7793		
MEP ENGINEER		ROOFING CONSULTANT
JMV CONSULTING ENGINEERING, P.C. 37 W. 59 STREET, STE 703 NEW YORK, NY 10019 212-652-9855		WATSKY ASSOCIATES 20 MADISON AVENUE VALHALLA, NY 10595 914-945-3450

Stamp

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ADDITION AND ALTERATION TO THE
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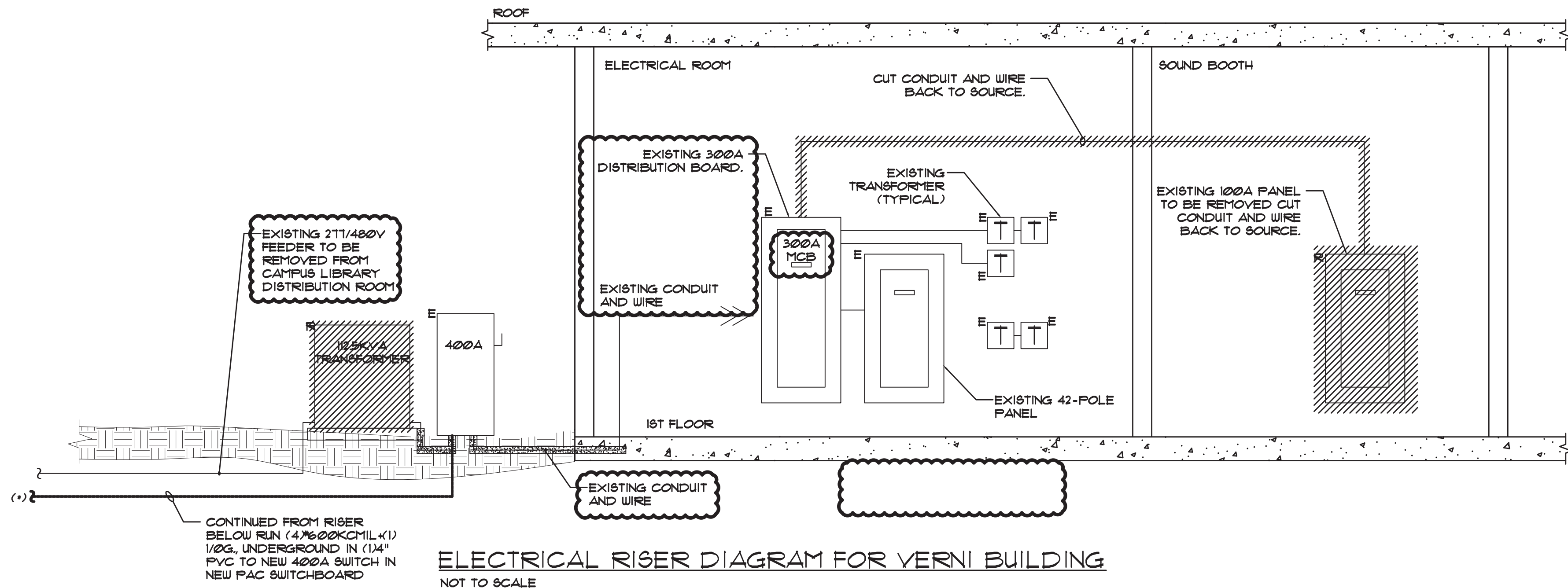
Drawing Title
**SECOND FLOOR
ELECTRICAL MECHANICAL
POWER PLAN**

Scale	Job No.	Date	Drawing No.
1/8"=1'-0"	20-2723	04/03/2019	E-307

Drawn

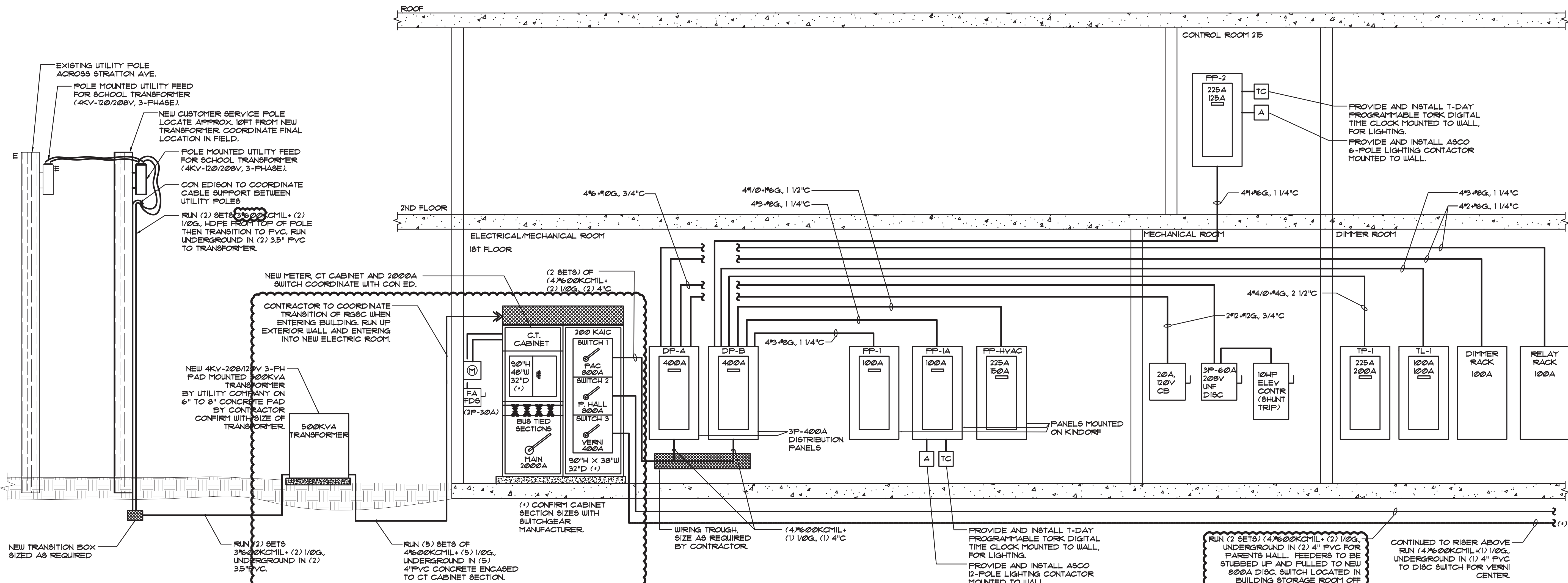
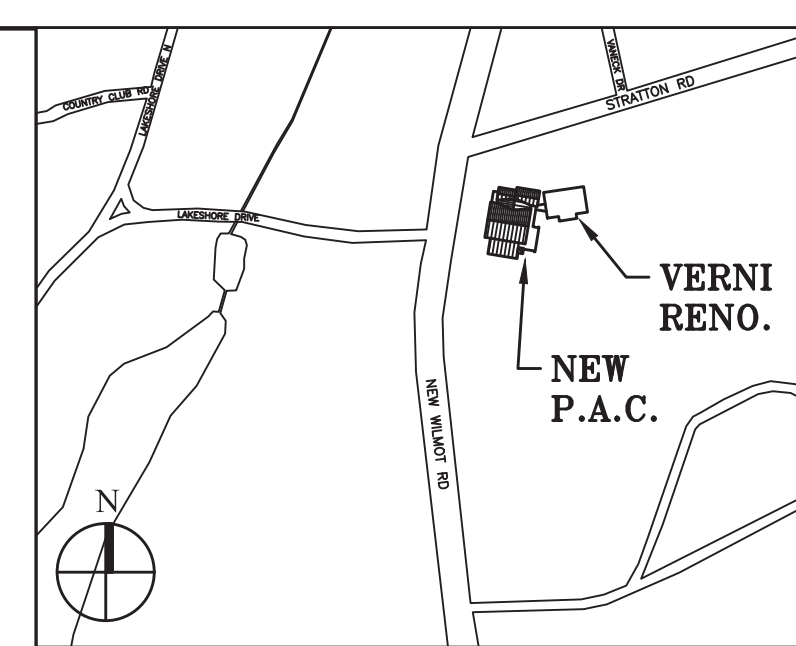
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ELECTRICAL RISER DIAGRAM FOR VERNI BUILDING
NOT TO SCALE

- ELECTRICAL RISER DIAGRAM NOTES:**
- RISER DIAGRAM IS DIAGRAMMATIC. CONTRACTOR SHALL PERFORM A PRE-DEMOLITION OR CONSTRUCTION SURVEY OF THE EXISTING CIRCUITING AND PANELBOARDS SERVING THE EXISTING SPACE.
 - CIRCUITING AND CIRCUIT BREAKERS IN EXISTING PANELBOARDS, NOT EFFECTED BY DEMOLITION SHALL REMAIN UNLESS NOTED. CONTRACTOR TO TRACE AND FIELD VERIFY EXISTING CIRCUITS THAT ARE TO REMAIN OR BE RELOCATED WITH PANEL. EXTEND/TRANSFER CIRCUITS BEING RELOCATED WITH EXISTING PANEL TO NEW LOCATIONS AS REQUIRED.
 - EXISTING PANELBOARDS, CIRCUITRY, CIRCUIT BREAKERS, MISC. EQUIPMENT, ETC. NOT AFFECTED BY DEMOLITION SHALL REMAIN UNLESS NOTED. CONTRACTOR TO TRACE AND FIELD VERIFY EXISTING CIRCUITS THAT ARE TO REMAIN OR RELOCATED WITH PANELS.
 - CONTRACTOR SHALL PROVIDE AND INSTALL FULL BOXES AND EXTEND EXISTING WIRING/CONDUIT AS REQUIRED FOR CONNECTION OF NEW/EXISTING CIRCUITS TO PANELS.
 - REFER TO NEW/EXISTING PANEL SCHEDULES ON DRAWING E-601 FOR BRANCH CIRCUIT WIRING.
 - CONTRACTOR SHALL REVIEW EXISTING ELECTRIC CLOSET CONDITIONS AND ADVISE ENGINEER OF ANY CONFLICTS OMISSIONS OR ADDITIONAL REQUIREMENTS THAT MAY BE REQUIRED.
 - CONTRACTOR TO PROVIDE SHOP DRAWINGS OF COORDINATED ELECTRICAL ROOM LAYOUTS INCLUDING EQUIPMENT SIZES, ELEVATIONS AND MOUNTING DETAILS OF PANELBOARDS, RELAY PANELS, DISCONNECT SWITCHES, ETC.
 - CONTRACTOR SHALL COORDINATE NEW CONDUIT ROUTINGS WITH ARCHITECT SERVING NEW AND EXISTING EQUIPMENT SCHEDULED TO REMAIN.
 - ELECTRICAL SWITCH-BORDS AND PANELS SHALL BE MANUFACTURED BY ELECTRO-TECH SERVICE EQUIPMENT OR APPROVED EQUAL. FOR FURTHER INFORMATION CONTACT DON CASTER AT 718-626-7100 OR dcaster@esery.com.



ELECTRICAL RISER DIAGRAM FOR NEW PERFORMING ARTS CENTER (PAC)
NOT TO SCALE

Key Plan (not to scale)

11.	6/23/2021	BID ADDENDUM 5
10.	6/18/2021	ISSUED FOR BUILDING PERMIT
9.	6/09/2021	RE-ISSUED FOR BUILDING PERMIT REVIEW
8.	6/09/2021	BID ADDENDUM 1
7.	6/01/2021	ISSUED FOR BID
6.	5/07/2021	RE-ISSUED FOR BUILDING PERMIT REVIEW
5.	2/01/2021	ISSUED FOR BUILDING PERMIT REVIEW
4.	10/14/2020	ISSUED FOR PLANNING BOARD REVIEW
3.	9/23/2020	RESUBMITTED FOR ZONING REVIEW
2.	8/28/2020	ISSUED FOR PRELIMINARY DOB REVIEW
1.	1/10/2020	ISSUED FOR DD ESTIMATE

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914-945-3450

Project Title
**IONA PREPARATORY SCHOOL
ADDITION AND ALTERATION TO THE
PAUL VERNI FINE ARTS CENTER**

Project Address
**IONA PREPARATORY SCHOOL
255 Wilnot Road
New Rochelle, NY 10804**

Drawing Title
**ELECTRICAL RISER
DIAGRAM**

Scale	Job No.	Date	Drawing No.
NTS	20-2723	04/03/2019	E-501

Drawn
**Peter Gisolfi Associates
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