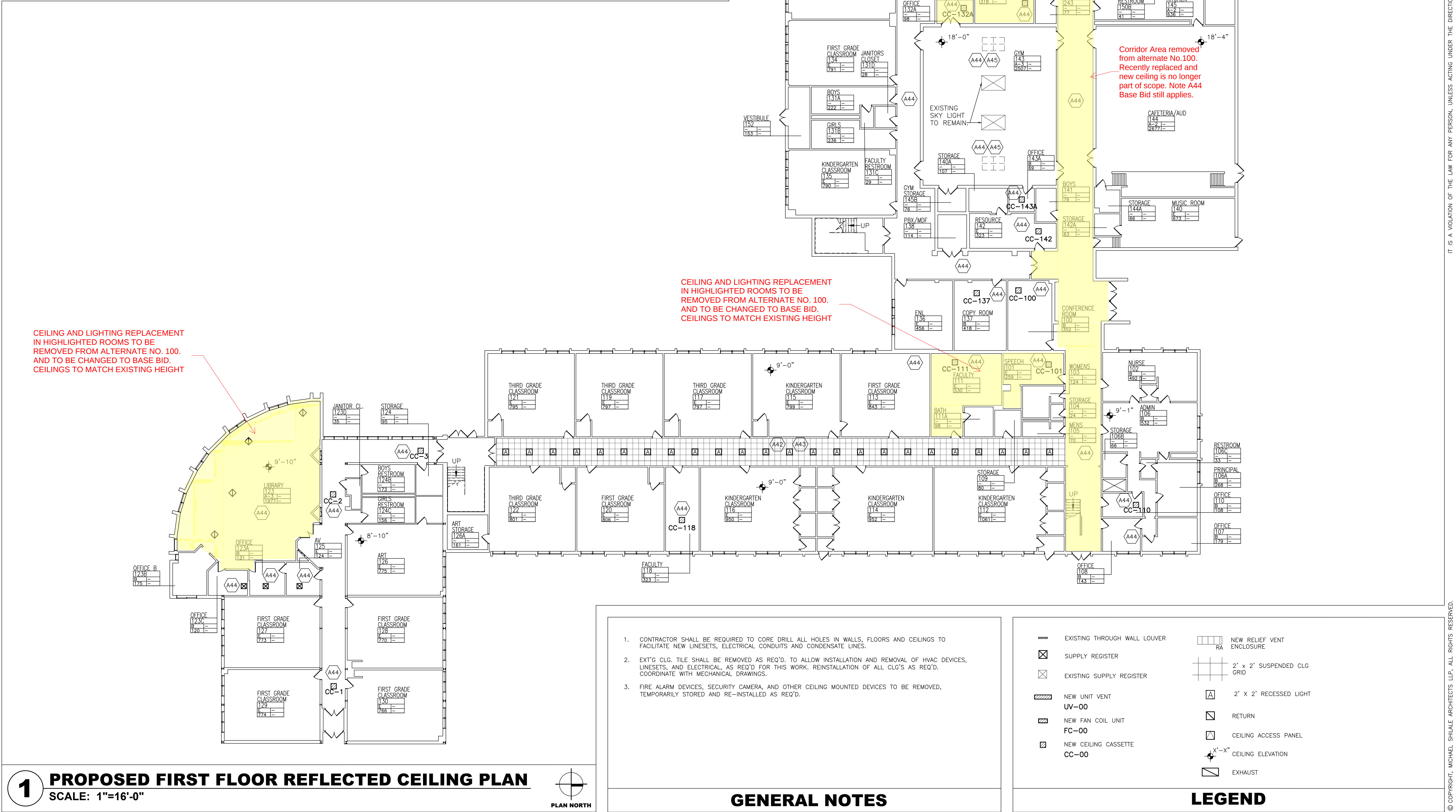


A40 VOID.	A45 NEW RTU ABOVE TO INFILL EXISTING SKYLIGHT OPENING. SEE PLANS SPES-A-103, SPES-S-101, AND SPES-M-106.
A41 VOID	
A42 INSTALL NEW 2X2 SUSPENDED ACT-1 CEILING. NEW CEILING HEIGHT TO MATCH EXISTING.	
A43 INSTALL NEW 2X2 RECESSED LIGHTING IN NEW CEILING GRID.	
A44 BASE BID: MODIFY AND REINSTALL EXISTING ACT CEILING/CEILING, CEILING LIGHTS FOR NEW HVAC EQUIPMENT AND REFRIGERANT PIPING AS REQUIRED. ALTERNATE-100: REPLACE EXISTING CEILING/CEILING TILE, GRID AND LIGHTING WITH NEW ACT-1 AND LIGHTING	
KEY NOTES	



1

PROPOSED FIRST FLOOR REFLECTED CEILING PLAN

SCALE: 1"=16'-0"

PLAN NORTH

- GENERAL NOTES
1.

CONTRACTOR SHALL BE REQUIRED TO CORE DRILL ALL HOLES IN WALLS, FLOORS AND CEILINGS TO FACILITATE NEW LINESETS, ELECTRICAL CONDUITS AND CONDENSATE LINES.

2.

EXT'D CLG. TILE SHALL BE REMOVED AS REQ'D. TO ALLOW INSTALLATION AND REMOVAL OF HVAC DEVICES, LINESETS, AND ELECTRICAL. AS REQ'D FOR THIS WORK. REINSTALLATION OF ALL CLG'S AS REQ'D. COORDINATE WITH MECHANICAL DRAWINGS.

3.

FIRE ALARM DEVICES, SECURITY CAMERA, AND OTHER CEILING MOUNTED DEVICES TO BE REMOVED, TEMPORARILY STORED AND RE-INSTALLED AS REQ'D.

— EXISTING THROUGH WALL LOUVER	RA NEW RELIEF VENT ENCLOSURE
☒ SUPPLY REGISTER	2' x 2' SUSPENDED CLG GRID
☒ EXISTING SUPPLY REGISTER	2' x 2' RECESSED LIGHT
NEW UNIT VENT UV-00	RETURN
NEW FAN COIL UNIT FC-00	CEILING ACCESS PANEL
NEW CEILING CASSETTE CC-00	X'-X" CEILING ELEVATION
	EXHAUST

LEGEND

0 1/2 1

IF THIS BAR DOES NOT MEASURE 1", THEN DRAWING IS NOT TO FULL SCALE

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Drawn by

JR/SP/OG

Checked by

MS/JC

Project No.

43041

Scale

AS NOTED

Date

03-18-24

REG. EXP DATE:

12-31-25

MECHANICAL & ELECTRICAL ENGINEER

GREENMAN PEDERSEN, INC

400 BELLA BOULEVARD

MONTEBELLO, NY 10901

STRUCTURAL ENGINEER

GREENMAN PEDERSEN, INC

400 BELLA BOULEVARD

MONTEBELLO, NY 10901

UNIVENT REPLACEMENT AT STONY POINT, THIELLS AND WEST HAVERSTRAW ELEMENTARY SCHOOL

SPES SED# 50-02-01-06-0-014-012

TES SED# 50-02-01-06-0-025-018

WHES SED# 50-02-01-06-0-024-015

7 GURNEE DRIVE

STONY POINT, NY 10980

COUNTY OF ROCKLAND

HSA

MICHAEL SHILALE ARCHITECTS, L.L.P.

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www.mshlak.com

Drawing Title

PROPOSED FIRST FLOOR RCP

Drawing No.

SPES-A-401

No.

Date

Revisions

LEGEND

KEY NOTES

GENERAL NOTES



PROPOSED FIRST FLOOR RCP

SCALE: 1"=20'-0"



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PROPOSED
FIRST FLOOR
RCP

Drawing No.

TES-A-401

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Scale	
Date	

GREENMAN PEDESEN, INC 400 BELLA BOULEVARD MONTEBELLO, NY 10601
GREENMAN PEDESEN, INC 400 BELLA BOULEVARD MONTEBELLO, NY 10601

UNIVENT REPLACEMENT AT
STONY POINT, THIELS
AND WEST HAVERSTRAW
ELEMENTARY SCHOOL

SPES SED# 50-02-01-06-0-014-012
TES SED# 50-02-01-06-0-023-018
THES SED# 50-02-01-06-0-024-015

7 CHURCH DRIVE
STONY POINT, NY 10980

COUNTY OF ROCKLAND



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Drawing Title
**PROPOSED
 FIRST FLOOR
 RCP**

Drawing No.
TES-A-401

—

EXISTING THROUGH WALL LOUVER

☒

SUPPLY REGISTER

☒

EXISTING SUPPLY REGISTER

NEW UNIT VENT
UV-00

NEW FAN COIL UNIT
FC-00

NEW CEILING CASSETTE
CC-00

RA

NEW RELIEF VENT ENCLOSURE

2' x 2' SUSPENDED CLG GRID

A

2' X 2' RECESSED LIGHT

RETURN

CEILING ACCESS PANEL

X"-X"

CEILING ELEVATION

EXHAUST

LEGEND

(A40)

VOID.

(A41)

VOID

(A42)

INSTALL NEW 2X2 SUSPENDED ACT-1 CEILING. NEW CEILING HEIGHT TO MATCH EXISTING.

(A43)

INSTALL NEW 2X2 RECESSED LIGHTING IN NEW CEILING GRID.

(A44)

BASE BID: MODIFY AND REINSTALL EXISTING ACT CEILING/CEILING, CEILING LIGHTS FOR NEW HVAC EQUIPMENT AND REFRIGERANT PIPING AS REQUIRED.
ALTERNATE-200: REPLACE EXISTING CEILING/CEILING TILE, GRID AND LIGHTING WITH NEW ACT-1 AND LIGHTING

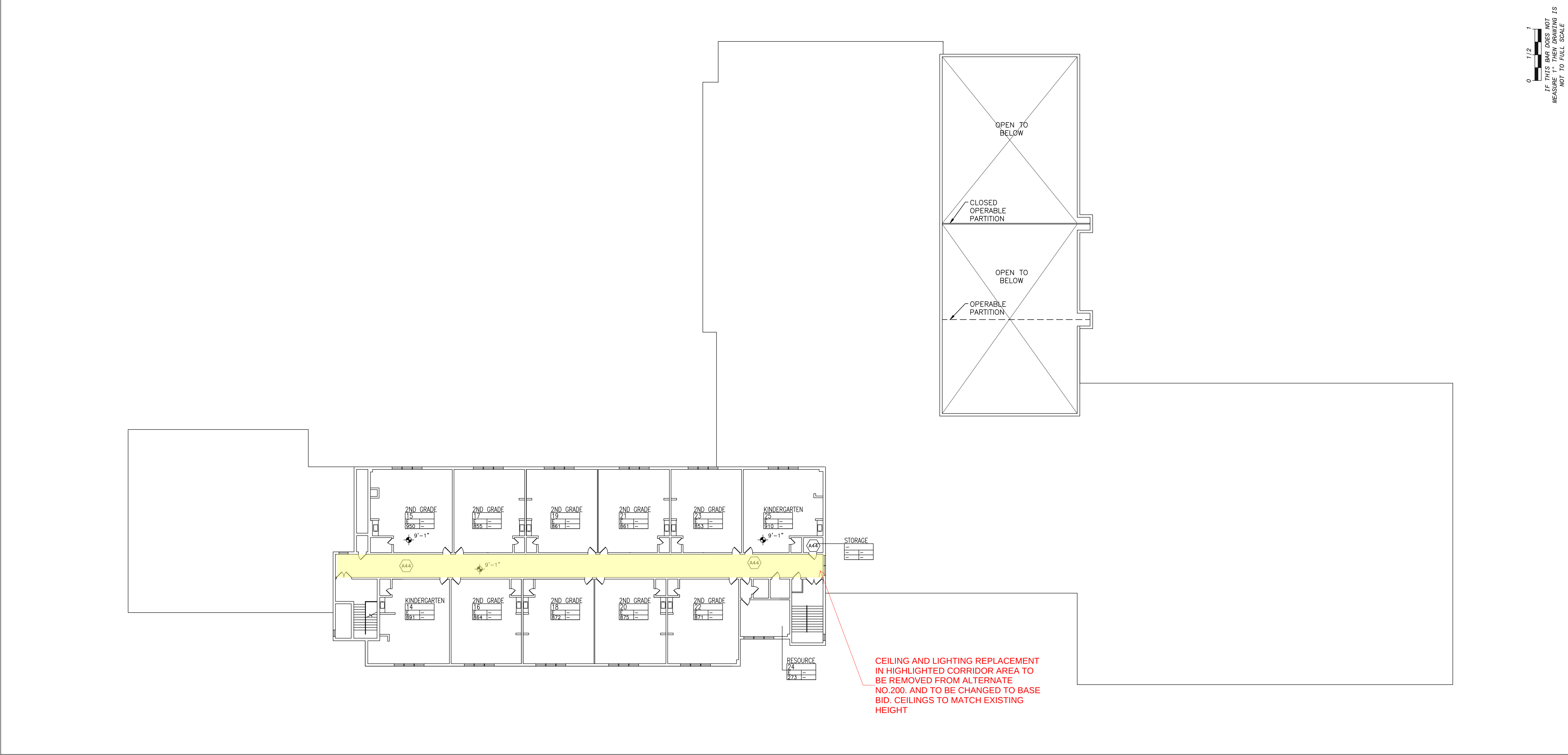
KEY NOTES

1. CONTRACTOR SHALL BE REQUIRED TO CORE DRILL ALL HOLES IN WALLS, FLOORS AND CEILINGS TO FACILITATE NEW LINESETS, ELECTRICAL CONDUITS AND CONDENSATE LINES.

2. EXT'G CLG. TILE SHALL BE REMOVED AS REQ'D. TO ALLOW INSTALLATION AND REMOVAL OF HVAC DEVICES, LINESETS, AND ELECTRICAL, AS REQ'D FOR THIS WORK. REINSTALLATION OF ALL CLG'S AS REQ'D. COORDINATE WITH MECHANICAL DRAWINGS.

3. FIRE ALARM DEVICES, SECURITY CAMERA, AND OTHER CEILING MOUNTED DEVICES TO BE REMOVED, TEMPORARILY STORED AND RE-INSTALLED AS REQ'D.

GENERAL NOTES



0 1/2 1
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE

Drawn by
JR

Checked by
MS/JC

Project No.

Scale

Date

GREENMAN PEDERSEN, INC
400 BELLA BOULEVARD
MONTEBELLO, NY 10901

GREENMAN PEDERSEN, INC
400 BELLA BOULEVARD
MONTEBELLO, NY 10901

UNIVENT REPLACEMENT AT
STONY POINT, THIELLS
AND WEST HAVERSTRAW
ELEMENTARY SCHOOL
SPES SED# 50-02-01-08-0-014-012
TES SED# 50-02-01-08-0-025-018
WHES SED# 50-02-01-08-0-024-015
7 CURRIER DRIVE
STONY POINT, NY 10980
COUNTY OF ROCKLAND

M

S

A

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Drawing Title
**PROPOSED
SECOND FLOOR
RCP PLAN**

Drawing No.
TES-A-402

PLAN NORTH

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REG. EXP. DATE: 12-31-25

0

03-04-25

BIDDING DOCUMENTS

No.

Date

Revisions

1

PROPOSED SECOND FLOOR REFLECTED CEILING PLAN
SCALE: 1"=20'-0"

	EXISTING THROUGH WALL LOUVER		NEW RELIEF VENT ENCLOSURE
	SUPPLY REGISTER		2' x 2' SUSPENDED CLG GRID
	EXISTING SUPPLY REGISTER		2' x 2' RECESSED LIGHT
	NEW UNIT VENT		RETURN
	NEW FAN COIL UNIT		CEILING ACCESS PANEL
	FC-00		CEILING ELEVATION
	NEW CEILING CASSETTE		EXHAUST
	CC-00		

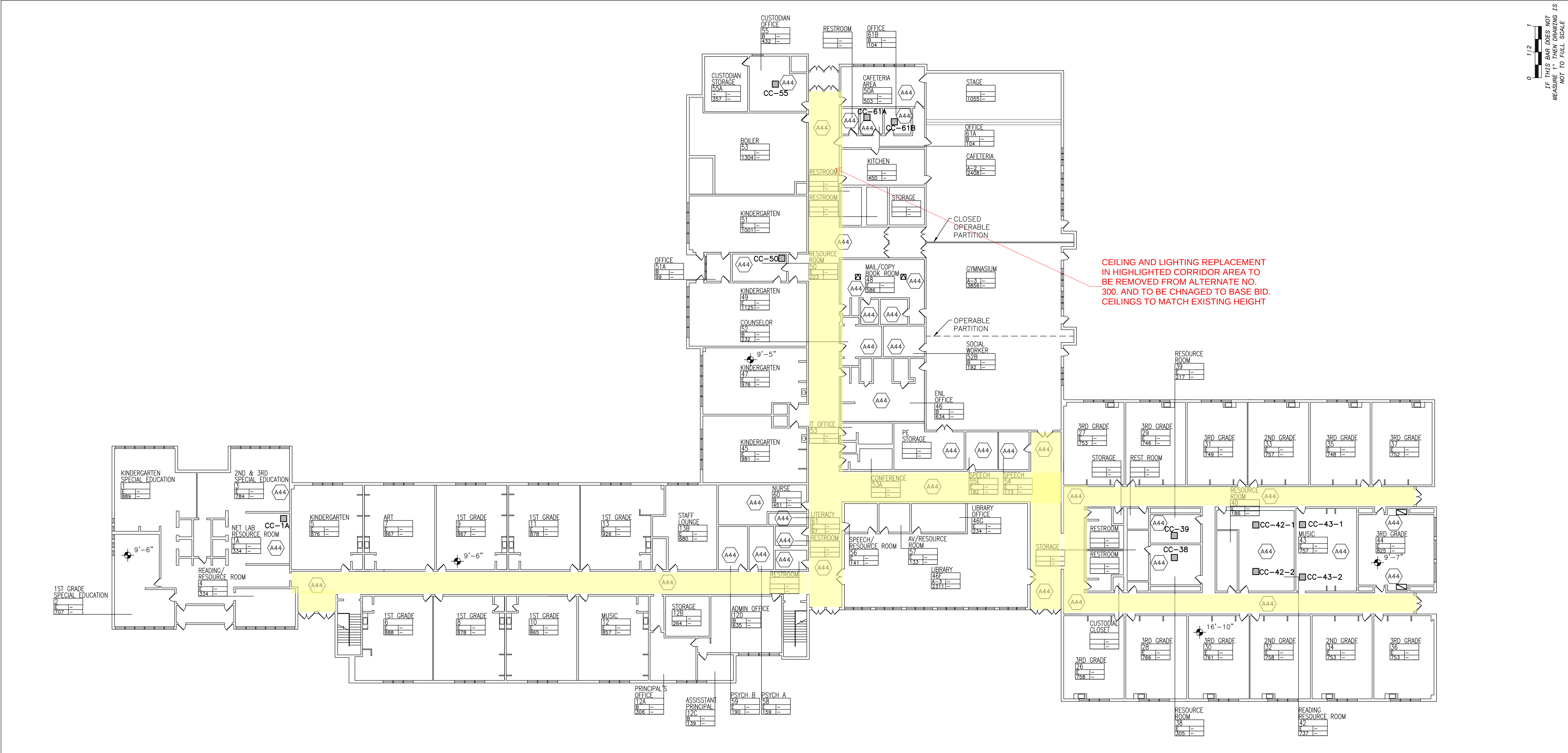
LEGEND

	VOID.
	VOID
	INSTALL NEW 2X2 SUSPENDED ACT-1 CEILING. NEW CEILING HEIGHT TO MATCH EXISTING.
	INSTALL NEW 2X2 RECESSED LIGHTING IN NEW CEILING GRID.
	BASE BID: MODIFY AND REINSTALL EXISTING ACT CEILING/CEILING, CEILING LIGHTS FOR NEW HVAC EQUIPMENT AND REFRIGERANT PIPING AS REQUIRED. ALTERNATE-300: REPLACE EXISTING CEILING/CEILING TILE, GRID AND LIGHTING WITH NEW ACT-1 AND LIGHTING

KEY NOTES

1.	CONTRACTOR SHALL BE REQUIRED TO CORE DRILL ALL HOLES IN WALLS, FLOORS AND CEILINGS TO FACILITATE NEW LINESETS, ELECTRICAL CONDUITS AND CONDENSATE LINES.
2.	EXT'G CLG. TILE SHALL BE REMOVED AS REQ'D. TO ALLOW INSTALLATION AND REMOVAL OF HVAC DEVICES, LINESETS, AND ELECTRICAL, AS REQ'D FOR THIS WORK. REINSTALLATION OF ALL CLG'S AS REQ'D. COORDINATE WITH MECHANICAL DRAWINGS.
3.	FIRE ALARM DEVICES, SECURITY CAMERA, AND OTHER CEILING MOUNTED DEVICES TO BE REMOVED, TEMPORARILY STORED AND RE-INSTALLED AS REQ'D.

GENERAL NOTES



1

PROPOSED FIRST FLOOR RCP

SCALE: 1"=20'-0"



0 1/2 1
IF THIS BID DOES NOT
MEASURE 1" THEN DRAWING IS
NOT TO FULL SCALE

Drawn by JR
Checked by MS/JC
Project No. 43041
Scale AS NOTED
Date 03-18-24

MECHANICAL & ELECTRICAL ENGINEER
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ROCKLAND, NY 10861

STRUCTURAL ENGINEER
GREENMAN PEDERSEN, INC
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ROCKLAND, NY 10861

UNIVENT REPLACEMENT AT
STONY POINT, THIELS
AND WEST HAVERSTRAW
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SPES SBD# 50-02-01-06-0-014-012
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Drawing No.
WHES-A-401

03-04-25 BIDDING DOCUMENTS
REG. EXP. DATE: 12-31-25

EQUIPMENT SCREEN MODEL 450XP BY INDUSTRIAL LOUVER INC. (INDUSTRIALLOUVERS.COM) COLOR TO BE SELECTED BY ARCHITECT

SEE 4/A-500 FOR ROOFING DETAIL

BUR ROOFING

NOTE: SUBMIT SHOP DRAWING SIGNED AND SEALED BY A NYS PE FOR CONSTRUCTION AND WIND LOADING. EXIST'G ROOF HAS TREMCO WARRANTY. CONTRACTOR MUST USE QUALIFIED INSTALLER TO NOT VOID WARRANTY.

7

EQUIPMENT SCREENING

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

GAUGE OR THICKNESS GUIDE FOR METAL FASCIA EXPOSED TO VIEW

COPING

CAP FLASHING AND FASCIA

VARIATIONS

RECOMMENDED MINIMUM GAUGES FOR FASCIA SHOWN ABOVE				
EXPOSED FACE WITHOUT BREAKS "A" DIMENSION	CLEAT REQUIRED	GALVANIZED IRON	COLD ROLLED COPPER	ALUMINUM 3003-H14
UP TO 4" FACE	NO	26 GA.	16 oz.	.032" (20 GA.)
4" TO 6" FACE	YES	26 GA.	16 oz.	.040" (18 GA.)
6" TO 8" FACE	YES	24 GA.		.050" (16 GA.)
8" TO 10" FACE	YES	22 GA.	20 oz.	.064" (14 GA.)
10" TO 15" FACE	YES	20 GA.	ADD BRAKES TO STIFFEN	.080" (12 GA.)

NOTE:

1. WHEN USING THE ABOVE TABLE, OTHER ITEMS SHOULD BE CONSIDERED, SUCH AS FASTENING PATTERN. FOR INSTANCE, IF THE METAL CAN ONLY BE FASTENED AT 100' FOOT INTERVALS, A HEAVIER GAUGE METAL WOULD BE REQUIRED. ALL CLEATS SHALL BE CONTINUOUS AND OF SAME MATERIAL OF EQUAL OR GREATER THICKNESS THAN THE FASCIA METAL USED.

5

FASCIA THICKNESS

SCALE: N.T.S.

3

PROTECTION MAT DETAIL

SCALE: 3" = 1'-0"

RTU

ROOFING NAILS

PRESURE TREATED NAILER

COLD FORMED ROOF CURB SUPPLIED BY ROOF TOP UNIT MANUF.

1 PLY GRANULATED SURFACE BASE FLASHING

2 PLIES NON-GRANULATED BASE FLASHING

SAW CUT EDGE OF EXISTING SLAB AFTER NEW STEEL IS INTSALLED

STEEL SHIMS @ 2'-0" O.C. DRY PACK WITH NON-SHRINK GROUT BETWEEN SHIMS

NEW STEEL SEE STRUCTURAL DWGS.

RIGID INSULATION

STEEL COUNTER FLASHING HOT DIP GALVANIZED

CANT STRIP

ROOF FELTS

RIGID INSULATION TO MATCH EXISTING

EXISTING ROOF CONCRETE REINFORCED DECK

NOTE: SEE STRUCTURAL DWG FOR CURB AND DECK STRUCTURE

2

TYPICAL CURB DETAIL

SCALE: 3"=1'-0"

1 5/8" STEEL TUBE RAIL

1 5/8" MID RAIL

RAIL SECURED TO 108LB CAST IRON BASE

PROVIDE PROTECTION PAD UNDER BASE AT ALL LOCATIONS

NOTE: ALL RAIL TO BE CUSTOM COLOR SELECTED BY OWNER

NOTE: RAILING TO BE PROVIDED IN WHERE ACCESS HATCH AND DOORS OR MECHANICAL EQUIPMENT ARE LOCATED WITHIN 10' FROM THE EDGE OF ROOF

6

PROTECTION RAILING DETAIL

SCALE: 1"=1'-0"

NEW ROOF PENETRATION

APPROX. 1/4" CLEARANCE AT CORNERS

SPECIFIED SEALANT

NON SHRINK GROUT

SPECIFIED SEALANT OR MASTIC

SEALANT

DRAW BAND

WATERTIGHT SHEET METAL RAIN COLLAR OVERLAPPING PENETRATION POCKET

SHEET METAL PITCH PAN, SOLDERED/WELDED WATERTIGHT (4" MIN. HEIGHT)

4" MIN FLANGE, SET IN MASTIC AND FASTENED 3" OC OVER ROOFING PLIES. PRIME FLANGE BEFORE STRIPPING

SPECIFIED MEMBRANE STRIPPING PLIES

EXISTING ROOF MEMBRANE

EXISTING THERMAL INSULATION

EXISTING ROOF DECK

4

PITCH POCKET DETAIL

SCALE: 3" = 1'-0"

INSIDE FLASHING OD

CURB OD

INSIDE FLASHING OD

CURB OD

EQ.

OPEN R/A

OPEN R/A

OPEN R/A

EQ.

EQ.

EQ.

EQ.

PIPE CHASE CURB

INSTALLING CONTRACTOR TO FIELD CUT PIPING ACCESS THROUGH SIDEWALL

PLAN VIEW

NEW RTU. SEE SCHEDULE ON M-001

NEW TRANE APPROVED PIPE CHASE CABINET

NEW ROOF CURB

EXISTING ROOF

3/4"

2'-0"

INSIDE FLASHING OD

TUBE FRAMES

ELEVATION VIEW

NOTE: S/A AND R/A MUST BE FULLY CAULKED AND SEALED AIRTIGHT

COORDINATE CURB SIZES WITH NEW UNIT SIZES.

1

TYPICAL CURB DETAIL

SCALE: 3/8"=1'-0"

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Project No. 43042

Scale

Date 03-04-25

REG. EXP DATE: 12-31-25

1 03-18-25 BIDDING ADDENDUM 1

0 03-04-25 BIDDING DOCUMENTS

No. Date Revisions

GREENMAN PEDERSEN, INC
Mechanical & Electrical Engineer
MONTEBELLO, NY 10801

GREENMAN PEDERSEN, INC
Structural Engineer
MONTEBELLO, NY 10801

UNIVENT REPLACEMENT AT STONY POINT, THIELS AND WEST HAVERSTRAW ELEMENTARY SCHOOL

SP/PS SED# 50-02-01-06-0-014-012

YES SED# 50-02-01-06-0-023-016

WH/ES SED# 50-02-01-06-0-024-015

7 MONTEBELLO, NY 10801

COUNTY OF ROCKLAND

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Drawing Title

ROOF DETAILS

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Drawing No.

A-500