

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

STONY POINT ELEMENTARY SCHOOL
7 Gurnee Drive
Stony Point, NY 10980
SED# 50-02-01-06-0-014-012

THIELLS ELEMENTARY SCHOOL
78 Rosman Road
Thiells, NY 10984
SED# 50-02-01-06-0-025-018

WEST HAVERSTRAW ELEMENTARY SCHOOL
71 Blauvelt Ave
West Haverstraw, NY 10993
SED# 50-02-01-06-0-024-015

OWNER:
NORTH ROCKLAND
CENTRAL SCHOOL DISTRICT
65 Chapel Street
Garnerville, NY 10923

ARCHITECT:
MICHAEL SHILALE ARCHITECTS, LLP
140 Park Avenue
New City, NY 10956

**PME ENGINEER:
GREENMAN-PEDERSEN, INC.
400 Rella Boulevard, Suite 207
Montebello, NY 10901**

DRAWING No.	DRAWING TITLE	DATE	DRAWING No.	DRAWING TITLE	DATE
A-000	COVER SHEET	03-04-25	WEST HAVERSTRAW ELEMENTARY SCHOOL		
A-001	LEGENDS, NOTES, UNIT PRICES, ALTS. & ALLOWANCES	03-04-25	WHES-HM-101	FIRST FLOOR ABATEMENT PLAN	03-04-25
B-100	COST ANALYSIS	03-04-25	WHES-HM-102	SECOND FLOOR ABATEMENT PLAN	03-04-25
HM-000	ABATEMENT NOTES	03-04-25	WHES-HM-103	ROOF ABATEMENT PLAN	03-04-25
STONY POINT ELEMENTARY SCHOOL			WHES-EN-001	ENERGY CODE COMPLIANCE	03-04-25
SPES-EEB-100	EVALUATION OF EXISTING BUILDING	03-04-25	WHES-S-100	STRUCTURAL ROOF PLAN	03-04-25
SPES-HM-101	FIRST FLOOR ABATEMENT PLAN	03-04-25	WHES-D-101	FIRST FLOOR DEMO PLAN	03-04-25
SPES-HM-102	SECOND FLOOR ABATEMENT PLAN	03-04-25	WHES-D-102	SECOND FLOOR DEMO PLAN	03-04-25
SPES-HM-103	ROOF ABATEMENT PLAN	03-04-25	WHES-D-103	ROOF DEMO PLAN	03-04-25
SPES-EN-001	ENERGY CODE COMPLIANCE	03-04-25	WHES-A-101	PROPOSED FIRST FLOOR PLAN	03-04-25
SPES-S-100	STRUCTURAL ROOF PLAN & DETAILS	03-04-25	WHES-A-102	PROPOSED SECOND FLOOR PLAN	03-04-25
SPES-D-101	FIRST FLOOR DEMO PLAN	03-04-25	WHES-A-103	PROPOSED ROOF PLAN	03-04-25
SPES-D-102	SECOND FLOOR DEMO PLAN	03-04-25	WHES-A-401	PROPOSED FIRST FLOOR REFLECTED CEILING PLAN	03-04-25
SPES-D-103	ROOF DEMO PLAN	03-04-25	WHES-A-402	PROPOSED SECOND FLOOR REFLECTED CEILING PLAN	03-04-25
SPES-A-101	PROPOSED FIRST FLOOR PLAN	03-04-25	WHES-M-003	MECHANICAL SCHEDULES - 1	03-04-25
SPES-A-102	PROPOSED SECOND FLOOR PLAN	03-04-25	WHES-M-004	MECHANICAL SCHEDULES - 2	03-04-25
SPES-A-103	PROPOSED ROOF PLAN	03-04-25	WHES-M-005	MECHANICAL SCHEDULES - 3	03-04-25
SPES-A-104	PROPOSED ELECTRICAL ROOM PLAN	03-04-25	WHES-M-061	FIRST FLOOR PARTIAL REMOVAL MECHANICAL - 1	03-04-25
SPES-A-401	PROPOSED FIRST FLOOR REFLECTED CEILING PLAN	03-04-25	WHES-M-062	FIRST FLOOR PARTIAL REMOVAL MECHANICAL - 2	03-04-25
SPES-A-402	PROPOSED SECOND FLOOR REFLECTED CEILING PLAN	03-04-25	WHES-M-063	FIRST FLOOR PARTIAL REMOVAL MECHANICAL - 3	03-04-25
SPES-M-003	MECHANICAL SCHEDULES - 1	03-04-25	WHES-M-064	SECOND FLOOR REMOVAL MECHANICAL	03-04-25
SPES-M-004	MECHANICAL SCHEDULES - 2	03-04-25	WHES-M-065	ROOF REMOVAL MECHANICAL	03-04-25
SPES-M-005	MECHANICAL SCHEDULES - 3	03-04-25	WHES-M-101	FIRST FLOOR PARTIAL PLAN MECHANICAL - 1	03-04-25
SPES-M-061	FIRST FLOOR PARTIAL REMOVAL MECHANICAL - 1	03-04-25	WHES-M-102	FIRST FLOOR PARTIAL PLAN MECHANICAL - 2	03-04-25
SPES-M-062	FIRST FLOOR PARTIAL REMOVAL MECHANICAL - 2	03-04-25	WHES-M-103	FIRST FLOOR PARTIAL PLAN MECHANICAL - 3	03-04-25
SPES-M-063	FIRST FLOOR PARTIAL REMOVAL MECHANICAL - 3	03-04-25	WHES-M-104	SECOND FLOOR PARTIAL PLAN MECHANICAL	03-04-25
SPES-M-064	SECOND FLOOR PARTIAL REMOVAL MECHANICAL - 1	03-04-25	WHES-M-105	REFG. PIPING FIRST FLOOR PARTIAL PLAN - 1	03-04-25
SPES-M-065	SECOND FLOOR PARTIAL REMOVAL MECHANICAL - 2	03-04-25	WHES-M-106	REFG. PIPING FIRST FLOOR PARTIAL PLAN - 2	03-04-25
SPES-M-066	ROOF REMOVAL - MECHANICAL	03-04-25	WHES-M-107	REFG. PIPING FIRST FLOOR PARTIAL PLAN - 3	03-04-25
SPES-M-101	FIRST FLOOR PARTIAL PLAN MECHANICAL - 1	03-04-25	WHES-M-108	REFG. PIPING SECOND FLOOR PLAN	03-04-25
SPES-M-102	FIRST FLOOR PARTIAL PLAN MECHANICAL - 2	03-04-25	WHES-M-109	ROOF PLAN MECHANICAL	03-04-25
SPES-M-103	FIRST FLOOR PARTIAL PLAN MECHANICAL - 3	03-04-25	WHES-M-301	FLOW DIAGRAM AND SEQUENCE OF OPERATIONS	03-04-25
SPES-M-104	SECOND FLOOR PARTIAL PLAN MECHANICAL - 1	03-04-25	WHES-E-061	ELECTRICAL FIRST FLOOR PARTIAL REMOVAL - 1	03-04-25
SPES-M-105	SECOND FLOOR PARTIAL PLAN MECHANICAL - 2	03-04-25	WHES-E-062	ELECTRICAL FIRST FLOOR PARTIAL REMOVAL - 2	03-04-25
SPES-M-106	FIRST FLOOR PARTIAL PLAN REFG. PIPING - 1	03-04-25	WHES-E-063	ELECTRICAL FIRST FLOOR PARTIAL REMOVAL - 3	03-04-25
SPES-M-107	FIRST FLOOR PARTIAL PLAN REFG. PIPING - 2	03-04-25	WHES-E-064	ELECTRICAL SECOND FLOOR REMOVAL	03-04-25
SPES-M-108	FIRST FLOOR PARTIAL PLAN REFG. PIPING - 3	03-04-25	WHES-E-101	ELECTRICAL FIRST FLOOR PARTIAL INSTALLATION PLAN - 1	03-04-25
SPES-M-109	SECOND FLOOR PARTIAL PLAN REFG. PIPING - 1	03-04-25	WHES-E-102	ELECTRICAL FIRST FLOOR PARTIAL INSTALLATION PLAN - 2	03-04-25
SPES-M-110	SECOND FLOOR PARTIAL PLAN REFG. PIPING - 2	03-04-25	WHES-E-103	ELECTRICAL FIRST FLOOR PARTIAL INSTALLATION PLAN - 3	03-04-25
SPES-M-111	ROOF PLAN MECHANICAL	03-04-25	WHES-E-104	ELECTRICAL SECOND FLOOR INSTALLATION PLAN	03-04-25
SPES-M-301	FLOW DIAGRAM AND SEQUENCE OF OPERATIONS - 1	03-04-25	WHES-E-105	ELECTRICAL ROOF INSTALLATION PLAN	03-04-25
SPES-M-302	FLOW DIAGRAM AND SEQUENCE OF OPERATIONS - 2	03-04-25	WHES-E-401	ELECTRICAL PART PLANS	03-04-25
SPES-M-303	FLOW DIAGRAM AND SEQUENCE OF OPERATIONS - 3	03-04-25	WHES-E-501	ELECTRICAL ONE LINE DIAGRAM	03-04-25
SPES-EE-061	FIRST FLOOR PARTIAL REMOVAL ELECTRICAL - 1	03-04-25	S-001	GENERAL NOTES, LEGEND, AND ABBREVIATIONS	03-04-25
SPES-EE-062	FIRST FLOOR PARTIAL REMOVAL ELECTRICAL - 2	03-04-25	S-501	STRUCTURAL DETAILS - 1	03-04-25
SPES-EE-063	FIRST FLOOR PARTIAL REMOVAL ELECTRICAL - 3	03-04-25	A-410	CEILING DETAILS	03-04-25
SPES-EE-064	SECOND FLOOR PARTIAL REMOVAL ELECTRICAL - 1	03-04-25	A-500	ROOF DETAILS	03-04-25
SPES-EE-065	SECOND FLOOR PARTIAL REMOVAL ELECTRICAL - 2	03-04-25	A-600	TYPICAL UV ELEVATIONS	03-04-25
SPES-EE-066	ROOF REMOVAL- ELECTRICAL	03-04-25	A-601	TYPICAL UV ELEVATIONS	03-04-25
SPES-E-101	ELECTRICAL FIRST FLOOR PLAN - 1	03-04-25	A-602	TYPICAL UV ELEVATIONS	03-04-25
SPES-E-102	ELECTRICAL FIRST FLOOR PLAN - 2	03-04-25	A-603	TYPICAL UV ELEVATIONS	03-04-25
SPES-E-103	ELECTRICAL FIRST FLOOR PLAN - 3	03-04-25	A-610	INTERIOR DETAILS	03-04-25
SPES-E-104	ELECTRICAL SECOND FLOOR PLAN - 1	03-04-25	M-001	GENERAL NOTES AND ABBREVIATIONS	03-04-25
SPES-E-105	ELECTRICAL SECOND FLOOR PLAN - 2	03-04-25	M-002	MECHANICAL SCOPE OF WORK	03-04-25
SPES-E-106	ELECTRICAL ROOF PLAN	03-04-25	M-501	MECHANICAL DETAILS - 1	03-04-25
SPES-E-401	ELECTRICAL PART PLANS	03-04-25	M-502	MECHANICAL DETAILS - 2	03-04-25
SPES-E-402	ELECTRICAL SITE PLAN	03-04-25	M-503	MECHANICAL DETAILS - 3	03-04-25
SPES-E-501	ELECTRICAL ONE LINE DIAGRAM AND PANEL SCHEDULES	03-04-25	M-504	MECHANICAL DETAILS - 4	03-04-25
SPES-FA-001	FIRE ALARM SYSTEM GENERAL NOTES, SYMBOL LIST, & ABBREVS.	03-04-25	E-001	GENERAL NOTES AND ABBREVIATIONS	03-04-25
SPES-FA-101	FIRE ALARM SYSTEM ROOF PLAN	03-04-25	E-601	ELECTRICAL DETAILS - 1	03-04-25
			E-602	ELECTRICAL DETAILS - 2	03-04-25
THIELLS ELEMENTARY SCHOOL					
TES-HM-101	FIRST FLOOR ABATEMENT PLAN	03-04-25			
TES-HM-102	SECOND FLOOR ABATEMENT PLAN	03-04-25			
TES-HM-103	ROOF ABATEMENT PLAN	03-04-25			
TES-EN-001	ENERGY CODE COMPLIANCE	03-04-25			
TES-S-100	STRUCTURAL ROOF PLAN	03-04-25			
TES-D-101	FIRST FLOOR DEMO PLAN	03-04-25			
TES-D-102	SECOND FLOOR DEMO PLAN	03-04-25			
TES-D-103	ROOF DEMO PLAN	03-04-25			
TES-A-101	PROPOSED FIRST FLOOR PLAN	03-04-25			
TES-A-102	PROPOSED SECOND FLOOR PLAN	03-04-25			
TES-A-103	PROPOSED ROOF PLAN	03-04-25			
TES-A-401	PROPOSED FIRST FLOOR REFLECTED CEILING PLAN	03-04-25			
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TES-M-003	MECHANICAL SCHEDULES - 1	03-04-25			
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TES-M-064	SECOND FLOOR REMOVAL MECHANICAL	03-04-25			
TES-M-065	ROOF REMOVAL - MECHANICAL	03-04-25			
TES-M-101	FIRST FLOOR PARTIAL PLAN MECHANICAL - 1	03-04-25			
TES-M-102	FIRST FLOOR PARTIAL PLAN MECHANICAL - 2	03-04-25			
TES-M-103	FIRST FLOOR PARTIAL PLAN MECHANICAL - 3	03-04-25			
TES-M-104	SECOND FLOOR PLAN - MECHANICAL	03-04-25			
TES-M-105	REFG. PIPING FIRST FLOOR PARTIAL PLAN - 1	03-04-25			
TES-M-106	REFG. PIPING FIRST FLOOR PARTIAL PLAN - 2	03-04-25			
TES-M-107	REFG. PIPING FIRST FLOOR PARTIAL PLAN - 3	03-04-25			
TES-M-108	REFG. PIPING SECOND FLOOR PLAN	03-04-25			
TES-M-109	ROOF PLAN - MECHANICAL	03-04-25			
TES-M-301	FLOW DIAGRAM AND SEQUENCE OF OPERATIONS	03-04-25			
TES-E-061	ELECTRICAL FIRST FLOOR PARTIAL REMOVAL - 1	03-04-25			
TES-E-062	ELECTRICAL FIRST FLOOR PARTIAL REMOVAL - 2	03-04-25			
TES-E-063	ELECTRICAL FIRST FLOOR PARTIAL REMOVAL - 3	03-04-25			
TES-E-064	ELECTRICAL SECOND FLOOR REMOVAL	03-04-25			
TES-E-101	ELECTRICAL FIRST FLOOR PARTIAL PLAN - 1	03-04-25			
TES-E-102	ELECTRICAL FIRST FLOOR PARTIAL PLAN - 2	03-04-25			
TES-E-103	ELECTRICAL FIRST FLOOR PARTIAL PLAN - 3	03-04-25			
TES-E-104	ELECTRICAL SECOND FLOOR PLAN	03-04-25			
TES-E-105	ELECTRICAL ROOF PLAN	03-04-25			
TES-E-401	ELECTRICAL PART PLANS	03-04-25			
TES-E-501	ELECTRICAL ONE LINE DIAGRAM	03-04-25			

LIST OF DRAWINGS

[illegible]

REG. EXP. DATE: 12-31-25

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

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 GUNNER DRIVE
STONY POINT, NY 10980

COUNTY OF ROCKLAND

The logo for Michael Shilale Architects, LLP features the letters 'HSA' in a large, bold, black, sans-serif font. The letters are stylized, with the 'H' and 'A' having thick strokes and the 'S' being a solid black circle. The letters are arranged in a slightly staggered, overlapping manner.

MICHAEL SHILALE ARCHITECTS, LLP
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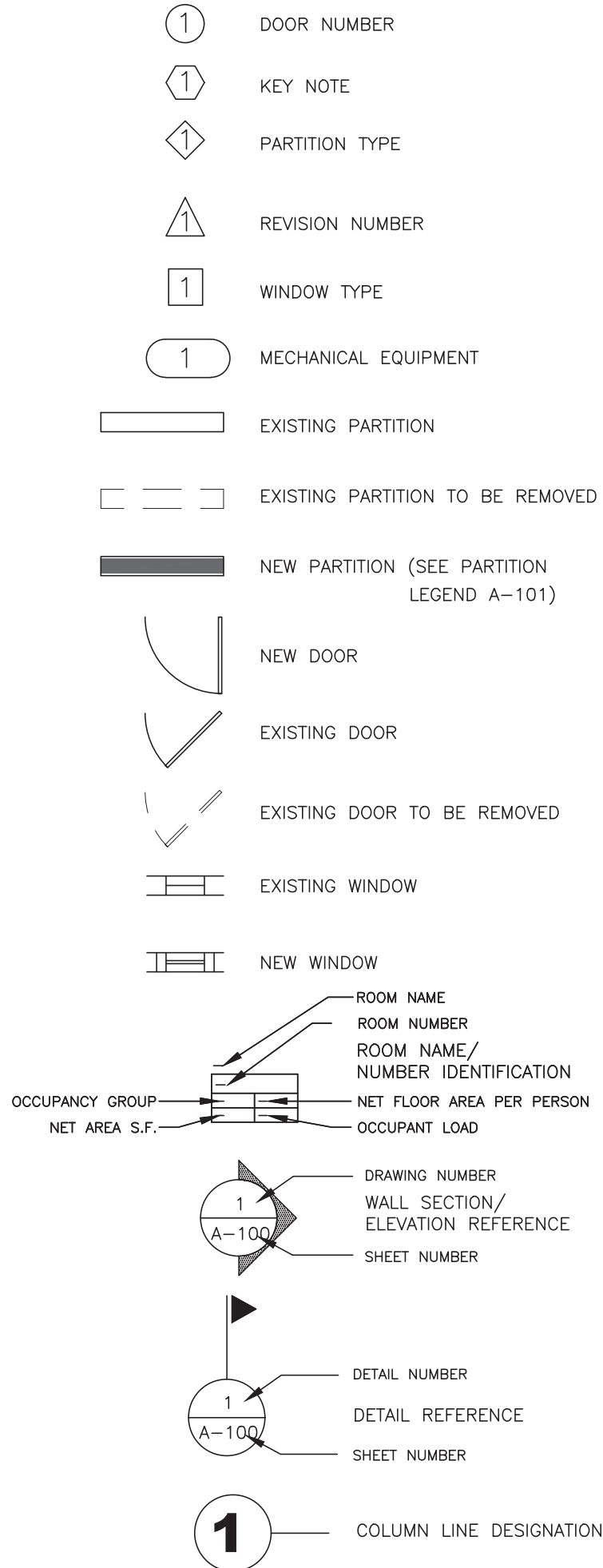
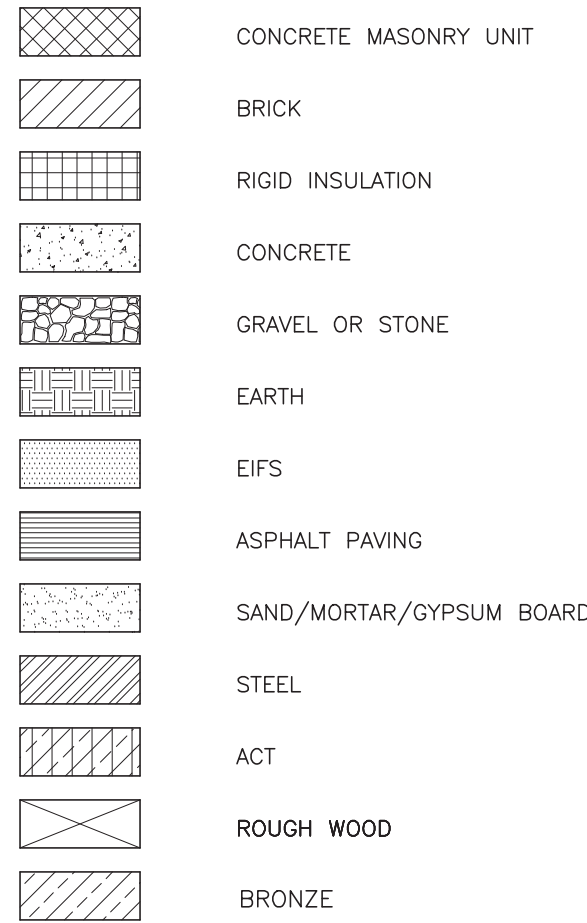
Drawing Title	COVER SHEET
Drawing No.	A-000

IT IS A VIOLATION OF THE LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, TO ALTER AN ITEM IN ANY WAY.

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2. G.C. TO VERIFY ALL DIMENSIONS IN THE FIELD AND IS TO NOTIFY ARCHITECT IF THERE ARE ANY DISCREPANCIES.

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ACT	ACOUSTICAL CEILING TILE
A.F.F.	ABOVE FINISH FLOOR
ASPH	ASPHALT
BLK	BLOCK
BLK'G	BLOCKING
B.R.	BUILT UP ROOFING
CLG	CEILING
CONC	CONCRETE
CONT	CONTINUOUS
C.J.	CONTROL JOINT
D.N.	DOWN
DIA	DIAMETER
DWG	DRAINING
E.F.	EACH FACE
E.F.S.	EXTERIOR INSULATION AND FINISH SYSTEM
E.W.C.	EACH WAY
E.W.C.	ELECTRICAL WATER COOLER
ELC	ELECTRICAL CONTRACTOR
EXIST	EXISTING
EXP	EXPANSION
EXT'G	EXISTING
EXTR	EXTERIOR
FP	FIREPROOF
FIN	FINISH(ED)
GA	GAUGE
GC	GENERAL CONTRACTOR
GALV	GALVANIZED
GL	GLASS
GWB	Gypsum Wall Board
HM	HARD METAL
H.P.	HIGH POINT
HAC	HIGH A/C CONTRACTOR
I.T.R.	INDIVIDUAL TREATMENT ROOM
JM	JOINT
LAM	LAMINATE
LAV	LAVATORY
LP	LOW POINT
MAX	MAXIMUM
MFR	MANUFACTURER
MNL	METAL
MIN	MINIMUM
MO	MASONRY
N.I.C.	NOT IN CONTRACT
NO.	NUMBER
OC	ON CENTER
OP'G	OPENING
PBC	PLUMBING CONTRACTOR
PLAS.LAM.	PLASTIC LAMINATE
PLY	PLYWOOD
RAD	RADIUS
REF.CLG.	REFLECTED CEILING
REQ'D	REQUIRED
RO	ROUGH OPENING
SIM	SIMILAR
STL	STEEL
SUSP.CLG.	SUSPENDED CEILING
T.O.M.	TOP OF MASONRY
T.O.P.	TOP OF STEEL
TYP.	TYPICAL
U.O.N.	UNLESS OTHERWISE NOTED
V.F.	VERIFY IN FIELD
VCT	VINYL COMPOSITE TILE
W/	WITH
WOOD	WOOD

GENERAL NOTES

MATERIALS LEGEND

SYMBOLS LEGEND

ABBREVIATIONS

UNIT PRICE NO. 104:
GC TO PROVIDE A PRICE TO ADD OR REMOVE 100 SF
OF NEW 2X2 ACT CEILING. (THIS AMOUNT WILL ADD
OR REDUCE ALTERNATE NOS. 100, 200, 300)

ALT. NO. 300:
FOR WEST HAVERSTRAW ELEMENTARY SCHOOL INCLUDE
CEILING AND LIGHTING REPLACEMENT IN AREAS WHERE
EXISTING IS CALLED TO BE REMOVED AND
REINSTALLED. SEE ARCHITECTURAL DEMOLITION AND
REFLECTED CEILING PLANS

ALLOWANCE NO. 202:
PROVIDE ALLOWANCE FOR THE RELOCATION OF 40
ELECTRICAL DEVICES THAT REQUIRE RELOCATION DUE TO
NEW UV SIZE.

ALLOWANCE NO. 305:
PROVIDE A PROPOSAL FROM A THIRD PARTY HVAC
COMMISSIONING AGENT. CONTRACTOR TO INCLUDE
AMOUNT IN THEIR BASE BID. CONTRACTOR WILL ISSUE
CREDIT CHANGE ORDER TO THE OWNER FOR THE
COMMISSIONING PROPOSAL AMOUNT. OWNER WILL
DIRECTLY WITH THE COMMISSIONING AGENT.

UNIT PRICES

ALTERNATES

ALLOWANCES

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



A-001

LICENSED ARCHITECT TO ALTER AN ITEM IN ANY WAY		
0	03-04-25 BIDDING DOCUMENTS	
No.	Date	Revisions

REG. EXP. DATE: 12-31-25

Drawn by	JR
Checked by	MS/JC
Project No.	43040
Scale	AS NOTED
Date	03-18-24

Mechanical & Electrical Engineer:	GREENMAN PEDERSEN, INC 400 BELLA BOULEVARD MONTEBELLO, NY 10001
Structural Engineer:	GREENMAN PEDERSEN, INC 400 BELLA BOULEVARD MONTEBELLO, NY 10001

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Drawing No.

2020 EXISTING BUILDING CODE OF NEW YORK STATE

BUILDING CODE SUMMARY

Site	Stony Point Elementary School Thiells Elementary School West Haverstraw Elementary School	Date:	9/28/2023
Project Name:	Univent Replacement at Stony Point, Thiells & West Haverstraw Elementary	Location	Rockland County
Project Number:	43040, 43041, 43042	Architect of Record	MSA
Project Address:	140 Route 210, Stony Point, NY 10980 78 Rosman Rd, Thiells, NY 10984 71 Blauvelt Ave, West Hav, NY 10993		
APPLICABLE ORDINANCES, CODES & STANDARD			
2020 Existing Building Code of New York State			
2020 Building Code of New York State			
2020 Energy Conservation Code of New York State			
2020 Fire Code of New York State			
2020 Fuel Gas Code of New York State			
2020 Mechanical Code of NY State			
2020 Plumbing Code of NY State			
NFPA 70			
EXISTING BUILDING CODE: CHAPTER 1 SCOPE AND ADMINISTRATION			
SECTION 101	GENERAL		
101.2 Scope	The provisions of this code shall apply to the repair, alteration, change of occupancy, addition to and relocation of existing buildings.		
101.4 Applicability	This code shall apply to the repair, alteration, change of occupancy, addition and relocation of existing buildings, regardless of occupancy, subject to the criteria of Sections 101.4.1 and 101.4.2.		
101.4.2 Buildings Previously Occupied	The legal occupancy of any building existing on the date of adoption of this code shall be permitted to continue without change, except as is specifically covered in this code, the Fire Code of New York State, or the Property Maintenance Code of New York State, or as is deemed necessary by the building official for the general safety and welfare of the occupants and the public.		
EXISTING BUILDING CODE: CHAPTER 2 DEFINITIONS			
SECTION 202	GENERAL DEFINITIONS		
EQUIPMENT OR FIXTURE	Any plumbing, heating, electrical, ventilating, air conditioning, refrigerating, and fire protection equipment, and elevators, dumbwaiters, escalators, boilers, pressure vessels and other mechanical facilities or installations that are related to building services. Equipment or fixture shall not include manufacturing, production, or process equipment, but shall include connections from building service to process equipment.		
EXISTING BUILDING CODE: CHAPTER 3 PROVISIONS FOR ALL COMPLIANCE METHODS			
SECTION 301	ADMINISTRATION		
301.3.2 Work Area Compliance Method	Alterations, additions and changes of occupancy complying with the applicable requirements of Chapters 6 through 12 of this code shall be considered in compliance with the provisions of this code.		
302.5 New and replacement materials	Except as otherwise required or permitted by this code, materials permitted by the applicable code for new construction shall be used. Like materials shall be permitted for repairs and alterations, provided that unsafe conditions are not created. Hazardous materials shall not be used where the code for new construction would not permit their use in buildings of similar occupancy, purpose and location.		
302.2 Additional Codes	Alterations, repairs, additions and changes of occupancy to, or relocation of, existing buildings and structures shall comply with the provisions for alterations, repairs, additions and changes of occupancy or relocation, respectively, in this code and the Energy Conservation Construction Code of New York State, Fire Code of New York State, Fuel Gas Code of New York State, Mechanical Code of New York State, Plumbing Code of New York State, Property Maintenance Code of New York State, Residential Code of New York State and NFPA 70. Where provisions of the other codes conflict with provisions of this code, the provisions of this code shall take precedence.		
302.5.1 New structural members and connections	New structural members and connections shall comply with the detailing provisions of the Building Code of New York State for new buildings of similar structure, purpose and location.		
EXISTING BUILDING CODE: CHAPTER 6 CLASSIFICATION OF WORK			
SECTION 601	GENERAL		
601.2 Work Area	The work area, as defined in Chapter 2, shall be identified on the construction documents.		
SECTION 602	ALTERATION - LEVEL 1		
602.1 Scope	Level 1 alterations include the removal and replacement or the covering of existing materials, elements, equipment, or fixtures using new materials, elements, equipment, or fixtures that serve the same purpose.		
602.2 Application	Level 1 alterations shall comply with the provisions of Chapter 7.		
SECTION 603	ALTERATION - LEVEL 2		
603.1 Scope	Level 2 alterations include the reconfiguration of space, the addition or elimination of any door or window, the reconfiguration or extension of any system, or the installation of any additional equipment.		
603.2 Application	Level 2 alterations shall comply with the provisions of Chapter 7 for Level 1 alterations as well as the provisions of Chapter 8.		
EXISTING BUILDING CODE: CHAPTER 7 ALTERATIONS - LEVEL 1			
SECTION 702	BUILDING ELEMENTS AND MATERIALS		
702.1 Interior Finishes	Newly installed interior wall and ceiling finishes shall comply with Chapter 8 of the Building Code of New York State.		
702.2 Interior Floor Finish	New interior floor finish, including new carpeting used as an interior floor finish material, shall comply with Section 804 of the Building Code of New York State.		
702.3 Interior Trim	Newly installed interior trim materials shall comply with Section 806 of the Building Code of New York State.		
SECTION 703	FIRE PROTECTION		
703.1 General	Alterations shall be done in a manner that maintains the level of fire protection provided		
SECTION 704	MEANS OF EGRESS		

EXISTING BUILDING CODE

704.1 General	Alterations shall be done in a manner that maintains the level of protection provided for the means of egress.
SECTION 705	REROOFING
705.1 General	Materials and methods of application used for recovering or replacing an existing roof covering shall comply with the requirements of Chapter 15 of the Building Code of New York State.
705.6 Flashings	Flashings shall be reconstructed in accordance with approved manufacturer's installation instructions. Metal flashing to which bituminous materials are to be adhered shall be primed prior to installation.
SECTION 706	STRUCTURAL
706.2 Addition or replacement of roofing or replacement of equipment	Any existing gravity load-carrying structural element for which an alteration causes an increase in design dead, live or snow load, including snow drift effects, of more than 5 percent shall be replaced or altered as needed to carry the gravity loads required by the Building Code of New York State for new structures.
EXISTING BUILDING CODE: CHAPTER 8 ALTERATIONS LEVEL 2	
SECTION 801	GENERAL
801.2 Alteration Level 1 Compliance	In addition to the requirements of this chapter, all work shall comply with the requirements of Chapter 7.
801.3 Compliance	New construction elements, components, systems, and spaces shall comply with the requirements of the Building Code of New York State.
SECTION 802	BUILDING ELEMENTS AND MATERIALS
802.4 Interior Finish	The interior finish of walls and ceilings in exits and corridors in any work area shall comply with the requirements of the Building Code of New York State.
SECTION 803	FIRE PROTECTION
803.2.2 Groups A, B, E, F-1, M, R-1, R-2, R-4, S-1, & S-1	In buildings with occupancies in Groups A, B, E, F-1, H, I, M, R-1, R-2, R-4, S-1 and S-2, work areas that have exits or corridors shared by more than one tenant or that have exits or corridors serving an occupant load greater than 30 shall be provided with automatic sprinkler protection where BOTH of the following conditions occur: 1. The work area is required to be provided with automatic sprinkler protection in accordance with the Building Code of New York State as applicable to new construction. 2. The work area exceeds 50 percent of the floor area.
803.4 Fire Alarm and Detection	
SECTION 805	MEANS OF EGRESS
SECTION 806	STRUCTURAL
806.2 Existing Structural Elements Carrying Gravity Loads	Any existing gravity load-carrying structural element for which an alteration causes an increase in design dead, live or snow load, including snow drift effects, of more than 5 percent shall be replaced or altered as needed to carry the gravity loads required by the Building Code of New York State for new structures. Any existing gravity load-carrying structural element whose gravity load-carrying capacity is decreased as part of the alteration shall be shown to have the capacity to resist the applicable design dead, live and snow loads, including snow drift effects, required by the Building Code of New York State for new structures.
SECTION 807	ELECTRICAL
807.1 New Installations	Newly installed electrical equipment and wiring relating to work done in any work area shall comply with all applicable requirements of NFPA 70 except as provided for in Section 807.3.
SECTION 808	MECHANICAL
807.1 Altered Existing Systems	In mechanically ventilated spaces, existing mechanical ventilation systems that are altered, reconfigured, or extended shall provide not less than 5 cubic feet per minute (cfm) (0.0024 m3/s) per person of outdoor air and not less than 15 cfm (0.0071 m3/s) of ventilation air per person; or not less than the amount of ventilation air determined by the Indoor Air Quality Procedure of ASHRAE 62.1.

2020 ENERGY CONSERVATION CODE OF NEW YORK STATE

BUILDING CODE SUMMARY

Site	Stony Point Elementary School Thiells Elementary School West Haverstraw Elementary School	Date:	9/28/2023
Project Name:	Univent Replacement at Stony Point, Thiells & West Haverstraw Elementary	Location	Rockland County
Project Number:	43040, 43041, 43042	Architect of Record	MSA
Project Address:	140 Route 210, Stony Point, NY 10980 78 Rosman Rd, Thiells, NY 10984 71 Blauvelt Ave, West Hav, NY 10993		
APPLICABLE ORDINANCES, CODES & STANDARD			
2020 Existing Building Code of New York State			
2020 Building Code of New York State			
2020 Energy Conservation Code of New York State			
ENERGY CONSERVATION CODE: CHAPTER 4 COMMERCIAL ENERGY EFFICIENCY			
SECTION C402	Building Envelope Requirements		
Table C402.1.3	Building Envelope Requirements - Opaque Assemblies		
	Climate Zone 5A	Walls	Average R-Value
	Mass	Above Grade	R-11.4ci
	Climate Zone 5A	Roofs	Average R-Value
	Wood Framed or Other	Insul entirely above roof deck	R-30ci
SECTION C403	Building Mechanical Systems		
C403.1 General	Mechanical systems and equipment serving the building heating, cooling, ventilating or refrigerating needs		
C403.1.1 Calculation of Heating and Cooling Loads (Mandatory)	Design loads associated with heating, ventilating and air conditioning of the building shall be determined in accordance with ANSI/ASHRAE/ACCA Standard 183 or by an approved equivalent computational procedure using the design parameters specified in Chapter 3. Heating and cooling loads shall be adjusted to account for load reductions that are achieved where energy recovery systems are utilized in the HVAC system in accordance with the ASHRAE HVAC Systems and Equipment Handbook by an approved equivalent computational procedure.		
ENERGY CONSERVATION CODE: CHAPTER 5 EXISTING BUILDING			
SECTION C503	ALTERATIONS		
C503.1 General	Alterations to any building or structure shall comply with the requirements of the code for new construction. Alterations shall be such that the existing building or structure is no less conforming to the provisions of this code than the existing building or structure was prior to the alteration. Alterations to an existing building, building system or portion thereof shall conform to the provisions of this code as those provisions relate to new construction without requiring the unaltered portions of the existing building or building system to comply with this code. Alterations shall not create an unsafe or hazardous condition or overload existing building systems.		
C503.4 Heating and cooling Systems	New heating, cooling and duct systems that are part of the alteration shall comply with Sections C403.		

ENERGY CODE

01/27/2025

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

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1/2

1

IT IS A VIOLATION OF THE LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, TO ALTER AN ITEM IN ANY WAY.

Drawn by
JC

Checked by
MS/JC

Project No.
43040

Scale
AS NOTED

Date
03-18-24

GREENMAN PEDERSEN, INC
400 BELLA BOULEVARD
MONTEBELLO, NY 10901

MECHANICAL & ELECTRICAL ENGINEER:

GREENMAN PEDERSEN, INC
400 BELLA BOULEVARD
MONTEBELLO, NY 10901

STRUCTURAL ENGINEER:

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

SPES SED# 50-02-01-08-0-014-012
TES SED# 50-02-01-06-0-025-018
WHES SED# 50-02-01-06-0-024-015

7 GIBNEY DRIVE
STONY POINT, NY 10980

COUNTY OF ROCKLAND

CODE ANALYSIS

Drawing Title

B-100

No.

Revisions

MSA

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