

777 Old Saw Mill River Road  
Tarrytown, NY 10591-6707  
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**Building #17**  
Campus Expansion Child  
Day-care Center

899 Old Saw Mill River Road  
Mount Pleasant, NY 10591

Project No. B17-DAYCARE

**Architect**  
**GenSLER**  
1700 Broadway, Suite 400  
New York, NY 10019  
(212) 492-1400 Phone  
(212) 492-1472 Fax

Structural Engineer

Thornton Tomasetti  
120 Broadway, 15th Floor  
New York, NY 10271  
(917) 661-7800 Phone  
(917) 661-7801 Fax

MEP / IT / Security Engineer

Cosentini Associates  
498 Seventh Avenue  
New York, NY 10018  
(212) 615-3600 Phone  
(212) 615-3700 Fax

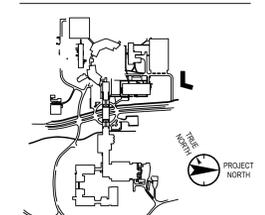
Civil Engineer

JMC  
120 Bedford Road  
Armonk, NY 10504  
(914) 273-5225 Phone  
(914) 273-2102 Fax

Landscape Architect

Langan  
21 Penn Plaza, 360 West 31st Street, 8th Floor  
New York, NY 10001  
(212) 479-5400 Phone  
(212) 479-5444 Fax

Key Plan



No.	Date	Description
0	05.20.2022	ISSUED FOR PERMIT
1	06.20.2022	100% CONSTRUCTION DOCUMENTS
2	07.01.2022	100% CONSTRUCTION DOCUMENTS-1

Plot Date: 07.01.2022

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Professional Seal and Signature

Vendor Name: COSENTINI  
Vendor Project No.: 210104  
Discipline: Mechanical Drawn By: BC

**MECHANICAL**  
**DETAILS**  
**SHEET 3**

Scale: NTS Floor:

**M-502**

### PIPE HANGER & SUPPORT SCHEDULE

NO.	NO. OF ROLLS	OVERHEAD SUPPORTS (HORIZONTAL PIPING)	LESS THAN 1/4" MOVEMENT EXCEPT AS NOTED	MORE THAN 1/4" MOVEMENT EXCEPT AS NOTED
1	2	3	4	5
1	*			
2	*			
3	*			
4	*			
5	*			
6	*			
7	*			
8	*			
9	*			
10	*			
11	*			
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32	*			
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34	*			
35	*			
36	*			
37	*			
38	*			
39	*			
40	*			
41	*			
42	*			

FIGURE NO. 28, 30, 31, AND 33 USE FOR 1/8" MOVEMENT OR MORE

### VRF PIPING ROOF PENETRATION

NOT SCALE

**LEGEND**

- THE VAULT
- MATCHING WIND RATED ALUMINUM COVER
- MATCHING ALUMINUM CURB 14" HIGH MIN. CURB MUST BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS
- CURB FLANGE, FASTEN TO ROOF DECK
- SBS FLASHING MEMBRANE
- CONTINUOUS CAULK WITH RUBBERIZED ASPHALT SEALANT
- ROOFING SYSTEM
- RECOVERY BOARD
- RIGID INSULATION
- METAL ROOF DECK
- CONDUIT PIPE, REFRIGERANT LINE, ETC. SIZES FROM 0.25" THRU 1.50" O.D.
- SERIES 5000 EXIT SEAL FOR SIZES FROM 0.25" THRU 1.50" O.D.
- CONDUIT PIPE, REFRIGERANT LINE, ETC. SIZES FROM 1.50" THRU 1.50" O.D.
- SERIES 6000 & 7000 EXIT SEAL FOR SIZES FROM 1.50" THRU 1.50" O.D.
- VANDAL RESISTANT STAINLESS SCREWS
- ICE INSULATED CURB EXTENSION
- CURB VOID TO BE INSULATED BY OTHERS TO MATCH R-RATING OF ROOF ASSEMBLY
- CONTACT RPH AT 1-800-994-0945
- ALWAYS SITE (AVT) MODELS COMPLY WITH EGRESS CODE SECTION 408.1 - BUILDING ENVELOPE - SOLE INSULATION INTEGRITY AND AIR LEAKAGE AND FEN-100-500
- GENERAL CONTRACTOR IS RESPONSIBLE TO PROVIDE VAULT AND APPROPRIATE TRADES TO PROVIDE EXIT SEALS.

\*Please forward this drawing to the Contractor for review\*

### 208V

Infant 1

Design Notes:  
Please confirm lead length and advise if different from shown.

**APPROVED** Project Title: 777OLDSAW  
**PRODUCTION READY**  
Date: 18 May 2022

\*Please forward this drawing to the Contractor for review\*

### 208V

Toddler 1

Design Notes:  
Please confirm lead length and advise if different from shown.

**APPROVED** Project Title: 777OLDSAW  
**PRODUCTION READY**  
Date: 18 May 2022

\*Please forward this drawing to the Contractor for review\*

### 208V

Movement Matters Zone

Design Notes:  
Please confirm lead length and advise if different from shown.

**APPROVED** Project Title: 777OLDSAW  
**PRODUCTION READY**  
Date: 18 May 2022

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### 208V

Staff Lounge

Design Notes:  
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**APPROVED** Project Title: 777OLDSAW  
**PRODUCTION READY**  
Date: 18 May 2022

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### 208V

Preschool 1

Design Notes:  
Please confirm lead length and advise if different from shown.

**APPROVED** Project Title: 777OLDSAW  
**PRODUCTION READY**  
Date: 18 May 2022

**ELECTRIC MAT LAYOUT DETAILS**

**MCNYS NOTES:**  
1) ALL HVAC PIPING TO FOLLOW REQUIREMENTS FOR MAXIMUM SPACING BETWEEN SUPPORTS, AS OUTLINED IN SECTION C305.4 AND TABLE C405.4 OF THE MCNYS CODE. ALSO REFER TO BOOK SPECIFICATION SECTION 230529.

TO THE BEST OF MY KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGMENT, THESE PLANS AND SPECIFICATIONS ARE IN COMPLIANCE WITH THE 2020 ENERGY CONSERVATION CODE OF NYS

This plan is approved only for work indicated on the application specification sheet. All other matters shown are not to be relied upon, or to be considered as either being approved or in accordance with applicable codes.

Alterations or additions to this engineering document by an unlicensed person is a violation of Chapter 16, Title VIII, Article 145 § 7209.2 of the New York State Education Law.