

777 Old Saw Mill River Road
Tarrytown, NY 10591-6707
T: 914.847.7400
F: 914.847.7991
www.regeneron.com

Building #17
Campus Expansion Child
Day-care Center

777 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

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Civil Engineer

JMC

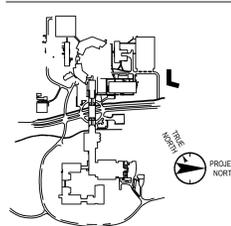
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(914) 273-2102 Fax

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

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Professional Seal and Signature

Vendor Name:

Vendor Project No.:

Discipline: Drawn By:

MECHANICAL

SYMBOLS,

ABBREVIATIONS, AND

DRAWING LIST

Scale: NTS Floor:

M-000

KEY OF SYMBOLS AND ABBREVIATIONS

NOTE: THE KEY OF SYMBOLS INDICATED IS FOR CONVENIENCE ONLY AND ITEMS INDICATED ARE NOT NECESSARILY WITHIN THE SCOPE OF THE WORK.

FLANGED CONNECTION UNION FITTING VALVED CAPPED OUTLET REDUCER PIPE UP PIPE DN PIPE BOTTOM CONNECTION PIPE TOP CONNECTION PIPE STUB UP FLOW DIRECTION PIPE PITCH UP OR DOWN CONDENSATE DRAIN REFRIGERANT LIQUID LINE REFRIGERANT SUCTION LINE	SQUARE INCHES SQUARE FEET CAPPED OUTLET LEAK DETECTOR SHEET NOTE STATIC PRESSURE FLOOR DESIGNATION 13-1 TERMINAL NUMBER CEILING DIFFUSER RETURN GRILLE / REGISTER SUPPLY AIR RETURN/EXHAUST AIR AIR QUANTITY (200 CFM)	THERMOSTAT DUCT MOUNTED SMOKE DETECTOR TEMPERATURE SENSOR CARBON DIOXIDE SENSOR UNDER-CUT DOOR LOUVERED DOOR SEE DETAIL NO. 1 ON DRAWING M-101 SEE SECTION NO. 1 ON DRAWING M-101	AC AIR CONDITIONING UNIT AD ACCESS DOOR ALD AUTOMATIC LOUVER DAMPER AFF ABOVE FINISHED FLOOR AFMS AIR FLOW MEASURING STATION AHU AIR HANDLING UNIT AL ACOUSTICAL LINING ALD AUTOMATIC LOUVERED DAMPER ALWS ALUMINUM LOUVER AND ALUMINUM WIRE MESH SCREEN AP ACCESS PANEL BDD BACKDRAFT DAMPER BF BLIND FLANGE BG BOTTOM GRILLE BHP BREAK HORSEPOWER BG BOTTOM GRILLE BO BLANK OFF BR BOTTOM REGISTER BOS BOTTOM OF STEEL BTU BRITISH THERMAL UNIT CC COOLING COIL CD CEILING DIFFUSER CD CONDENSATE DRAIN CFM CUBIC FEET PER MINUTE CG CEILING GRILLE CU CONDENSING UNIT CUH CABINET UNIT HEATER CO CAPPED OUTLET COD CLEAN OUT DOOR CP CONDENSATE PUMP CR CEILING REGISTER DN DOWN DPS DIFFERENTIAL PRESSURE SWITCH EH ELECTRIC HEATER EAT ENTERING AIR TEMPERATURE EF EXHAUST FAN F FILTER FA FACE AREA FC FLEXIBLE CONNECTION	FD FLOOR DRAIN GX GENERAL EXHAUST GXF GENERAL EXHAUST FAN U.O.N. UNLESS OTHERWISE NOTED VD VOLUME DAMPER GPM GALLONS PER MINUTE HC HEATING COIL HP HORSEPOWER KW KILOWATT LAT LEAVING AIR TEMPERATURE LD LINEAR DIFFUSER LF LINEAR FEET MBH 1000 BTU PER HOUR N.C. NORMALLY CLOSED NFA NET FREE AREA N.O. NORMALLY OPEN OA OUTSIDE AIR OAI OUTSIDE AIR INTAKE OV OUTLET VELOCITY PH PRE-HEAT COIL PH PHASE PIM PRESSURE INDEPENDENT MODULE PO PLUGGED OUTLET RA RETURN AIR RF RETURN FAN RG RETURN GRILLE RHC RE-HEAT COIL RH RELATIVE HUMIDITY SPD SPLITTER DAMPER SQ SQUARE SQ. FT. SQUARE FEET SP STATIC PRESSURE ST SOUND TRAP TF TRANSFER FAN TC TOP CONNECTION TG TOP GRILLE TR TOP REGISTER TO TRANSFER OPENING TR GR TRANSFER GRILLE UL UNDERWRITER'S LABORATORY UH UNIT HEATER VI VIBRATION ISOLATOR VF VERIFY IN FIELD WMS WIRE MESH SCREEN
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SHEET NUMBER	SHEET NAME
M-000	MECHANICAL SYMBOLS, ABBREVIATIONS, AND DRAWING LIST
M-100	MECHANICAL 1ST FLOOR DUCTWORK PLAN
M-101	MECHANICAL ROOF DUCTWORK PLAN
M-150	MECHANICAL 1ST FLOOR PIPING PLAN
M-151	MECHANICAL ROOF PIPING PLAN
M-400	MECHANICAL ENLARGED VIEWS SHEET 1
M-401	MECHANICAL ENLARGED VIEWS SHEET 2
M-500	MECHANICAL DETAILS SHEET 1
M-501	MECHANICAL DETAILS SHEET 2
M-502	MECHANICAL DETAILS SHEET 3
M-600	MECHANICAL SCHEDULES SHEET 1
M-601	MECHANICAL SCHEDULES SHEET 2
M-700	MECHANICAL RISER DIAGRAM
M-701	MECHANICAL VRF DIAGRAM SHEET 1
M-702	MECHANICAL VRF DIAGRAM SHEET 2
M-703	MECHANICAL VRF DIAGRAM SHEET 3
M-704	MECHANICAL CONTROL DIAGRAM SHEET 1
M-705	MECHANICAL CONTROL DIAGRAM SHEET 2

HVAC GENERAL NOTES:

- CONTRACTOR, WITH OWNER, SHALL PAY ALL FEES AND OBTAIN ALL PERMITS REQUIRED BY LOCAL AND STATES CODES.
- WHERE PIPING, LIGHTS AND DUCTWORK CONFLICT, DUCTWORK SHALL BE COORDINATED IN THE FIELD TO SUIT CONDITIONS.
- ALL DUCTWORK TO BE KEPT AS HIGH AS POSSIBLE SO AS TO MAINTAIN CEILING HEIGHTS SHOWN ON ARCHITECTURAL DRAWINGS.
- ACCESS IS REQUIRED BELOW ALL DAMPERS, VALVES, AND EQUIPMENT. ACCESS DOORS TO BE PROVIDED IN GYPSUM CEILINGS AS REQUIRED.
- FOR EXACT LOCATION OF CEILING DIFFUSERS AND REGISTERS REFER TO THE ARCHITECTURAL REFLECTED CEILING PLAN.
- FOR EXACT LOCATION AND ARRANGEMENT OF ROOM THERMOSTATS AND EXHAUST FAN SWITCHES, SEE THE ARCHITECT'S DRAWINGS. IF NONE IS SHOWN, THERMOSTAT/SWITCH SHALL BE NEXT TO THE LIGHT SWITCH, MAINTAINING A DISTANCE FROM THE LIGHT SWITCHES.
- DUCT SIZES SHOWN ARE CLEAR INSIDE DIMENSIONS.
- DUCTWORK SHALL BE CONSTRUCTED AND INSTALLED PER LATEST EDITION OF THE SMACNA DUCT CONSTRUCTION STANDARDS.
- MOUNT THERMOSTAT ABOVE FINISHED FLOOR PER ARCHITECT. PROVIDE THERMOSTAT WITH HEAVY GUARDS OR LOCKABLE COVER APPROVED BY ARCH.&ENGINEER IN COMMON PUBLIC OR UNSUPERVISED AREA.
- FOR EXACT LOCATION OF THERMOSTATS, GRILLES, AND DIFFUSERS REFER TO ARCHITECT DRAWINGS. ALL GRILLES AND DIFFUSERS PAINTED TO MATCH ADJACENT COLORS. COLORS TO BE APPROVED BY ARCH.&OWNER.
- ALL SUPPLY, RETURN, EXHAUST AND OUTSIDE AIR DUCTWORK SHALL BE GALV. SHEET METAL UNLESS OTHERWISE SPECIFIED IN THE SPECS OR DWGS. WHERE BRANCH DUCTS ARE SERVING "WET" AREAS, ALUMINUM DUCT MATERIAL SHALL BE PROVIDED.
- ALL STRAP HANGER & SUPPORTS FOR FLEXIBLE DUCTWORK SHALL BE SIZES & INSTALLED IN ACCORDANCE W/SMACNA STANDARDS, BUT NOT LESS THAN 1-1/2" WIDE.
- PROVIDE MINIMUM OF R-6 ON DUCTWORK ABOVE CEILING. ALL FLEXIBLE DUCTWORK SHALL BE ALL METAL CONSTRUCTION CONSISTING OF A CORE STANDARD TRIPLE LOCK METAL FLEXIBLE DUCTING FOR STRENGTH AND AIRTIGHTNESS.
- UNITS OVER 2,000 CFM SHALL HAVE SMOKE DETECTORS ON THE SUPPLY DUCT. AIR HANDLING UNITS OVER 15,000 CFM SHALL HAVE SMOKE DETECTORS ON THE SUPPLY AND RETURN DUCTS.
- ALL EXTERIOR INSULATED DUCTWORK SHALL HAVE POLYISOCYANURATE BOARD WITH EPDM COVER ON DUCTWORK.
- PROVIDE INSULATED CONDENSATE DRAIN TO NEAREST FLOOR DRAIN FOR ALL AC UNITS. PROVIDE CONDENSATE PUMP WITH A MIN.CAPACITY OF 20THERMOZOPH, 115/1/65, 6PT.FLUID IN, RESERVOIR, COMPLETE VALVE PACKAGE AND ACCESSORIES IF THE CONDENSATE CAN NOT BE DRAINED BY GRAVITY.
- ALL MOTOR STARTERS LOCATED OUTDOORS OR EXPOSED TO WET OR DAMP CONDITIONS SHALL BE NEMA TYPE 4.
- ALL COILS AND FILTERS SHALL BE INSTALLED ON TRACKS FOR EASY REMOVAL. INSTALLATIONS THAT REQUIRE DISASSEMBLY OF THE UNIT OR FLENUM FOR COIL REMOVAL ARE NOT ACCEPTABLE.

COMMISSIONING NOTES

OWNER SHALL ENGAGE A REGISTERED DESIGN PROFESSIONAL OR APPROVED AGENCY TO PROVIDE COMMISSIONING SERVICES IN COMPLIANCE WITH 2020 EECNYS. THE SPECIFICATIONS SHALL BE PROVIDED BY A COMMISSIONING AGENT TO BE SUBMITTED WITH DESIGN DOCUMENTS FOR BID.

SYSTEMS AND ASSOCIATED CONTROLS TO BE COMMISSIONED:

- HEATING, COOLING, AIR HANDLING AND DISTRIBUTION, VENTILATION, EXHAUST SYSTEMS, AND THEIR RELATED AIR QUALITY MONITORING SYSTEMS
- AIR, WATER, AND OTHER ENERGY RECOVERY SYSTEMS
- MANUAL OR AUTOMATIC CONTROLS, WHETHER LOCAL OR REMOTE, ON ENERGY USING SYSTEMS INCLUDING BUT NOT LIMITED TO TEMPERATURE CONTROLS, SETBACK SEQUENCES, AND OCCUPANCY BASED CONTROL, INCLUDING ENERGY MANAGEMENT FUNCTIONS OF THE BUILDING MANAGEMENT SYSTEM
- PLUMBING, INCLUDING INSULATION OF PIPING AND ASSOCIATED VALVES, DOMESTIC AND PROCESS WATER PUMPING, AND MIXING SYSTEMS.
- MECHANICAL HEATING SYSTEMS AND SERVICE WATER HEATING SYSTEMS.
- REFRIGERATION SYSTEMS.
- RENEWABLE ENERGY AND ENERGY STORAGE SYSTEMS.
- OTHER SYSTEMS, EQUIPMENT AND COMPONENTS THAT ARE USED FOR HEATING, COOLING OR VENTILATION AND THAT AFFECT ENERGY USE.

COMMISSIONING PLAN SHALL FOLLOW ALL NECESSARY STEPS AS PER 2020 EECNYS.

TRAINING AND MANUALS:

UPON COMPLETION OF THE JOB, ALL APPLICABLE OPERATING AND SPECIFICATION MANUALS TO BE DELIVERED TO THE BUILDING STAFF. CONTRACTOR SHALL PROVIDE TRAINING FOR THE BUILDING MAINTENANCE STAFF TO ASSURE THAT THE SYSTEM IS MAINTAINED AND OPERATED PROPERLY.

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

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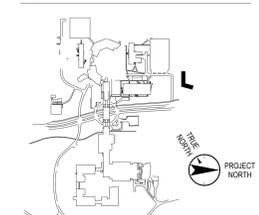
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Landscape Architect

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New York, NY 10001
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(212) 479-5444 Fax

Key Plan



No. Date Description

0 05/20/2022 ISSUED FOR PERMIT

Plot Date: 10/25/21

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Professional Seal and Signature

Vendor Name: GENSLER
Vendor Project No.: 006.3608.000
Discipline: Drawn By: Author
MECHANICAL 1ST FLOOR
DUCTWORK PLAN

Scale: 1/8" = 1'-0" Floor:

M-100

AC UNIT RETURN AIR NOTES:
1. PROVIDE SPACE FOR MANUFACTURER PROVIDED FILTER KIT FOR MERV 14 FILTER.
2. PROVIDE THE FOLLOWING SIZES FOR RETURN PLENUM AND RETURN AIR DUCT THAT FACES ROOF. COORDINATE WITH EQUIPMENT MANUFACTURER.

0.5 TON: (899-AC-1-02F, 899-AC-1-03C)
20x8 PLENUM, 18x8 RETURN AIR DUCT

0.75 TON: (899-AC-1-01E, 899-AC-1-02G)
20x8 PLENUM, 18x8 RETURN AIR DUCT

1.0 TON: (899-AC-1-01G, 899-AC-1-02E, 899-AC-1-03E, 899-AC-1-04G, 899-AC-1-05E, 899-AC-1-05F)
24x8 PLENUM, 22x8 RETURN AIR DUCT

1.25 TON: (899-AC-1-01F)
36x10 PLENUM, 34x10 RETURN AIR DUCT

1.5 TON: (899-AC-1-01A, 899-AC-1-01B, 899-AC-1-02A, 899-AC-1-02B, 899-AC-1-04A)
38x12 PLENUM, 36x12 RETURN AIR DUCT

2.0 TON: (899-AC-1-01C, 899-AC-1-01D, 899-AC-1-02C, 899-AC-1-02D, 899-AC-1-03B, 899-AC-1-03D)
38x12 PLENUM, 36x12 RETURN AIR DUCT

2.5 TON: (899-AC-1-04B, 899-AC-1-04C, 899-AC-1-04E, 899-AC-1-05A, 899-AC-1-05C)
54x12 PLENUM, 52x12 RETURN AIR DUCT

4.0 TON: (899-AC-1-03A)
54x12 PLENUM, 52x12 RETURN AIR DUCT

SHEET NOTES:
1. DOAS SUPPLY AND RETURN DUCTWORK (INCLUDING BYPASS DUCT), TO BE PROVIDED WITH 1.5" INTERNAL ACOUSTICAL LINING FOR 25 FEET, IN ALL DIRECTIONS, FROM ROOF PENETRATION FOR NOISE ATTENUATION AND FOR A MINIMUM OF R-6 INSULATION. THE REMAINDER OF THE SUPPLY AND RETURN DUCTWORK FROM THE DOAS IS TO BE EXTERNALLY INSULATED.
2. TRANSFER DUCTS TO BE PROVIDED WITH 1" INTERNAL ACOUSTICAL LINING.
3. AC SUPPLY AND RETURN AIR DUCTWORK TO BE PROVIDED WITH EXTERNAL INSULATION PER SPECIFICATION AND CODE.
4. DRAWINGS SHOW CLEAR INSIDE DIMENSIONS.
5. ACOUSTICALLY WRAP AT ROOF PENETRATIONS, (EXCLUDING LAUNDRY).
6. ALL TRANSFER DUCTS AND RETURN AIR OPENINGS ARE TO BE PROVIDED WITH WIRE MESH SCREENS (WMS)

SHEET DIFFUSER NOTES:
1. CR-2 RETURN GRILLES TO HAVE 15" NECK FOR UP TO 750 CFM OF RETURN AT NC OF 20. THESE RETURN GRILLE ARE TO BE DISCREETLY TAGGED TO NOTE TO MAINTENANCE STAFF RETURN AIR FUNCTION.
2. CD-5 IN CORRIDOR TO HAVE 8" NECK AND BE PROVIDED WITH MODEL DB BAFFLES FOR 2-DIRECTIONAL AIR FLOW.
3. INACTIVE LINEARS TO SERVE AS RETURN AIR PATHWAYS.



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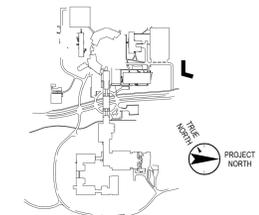
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Plot Date: 11/03/21

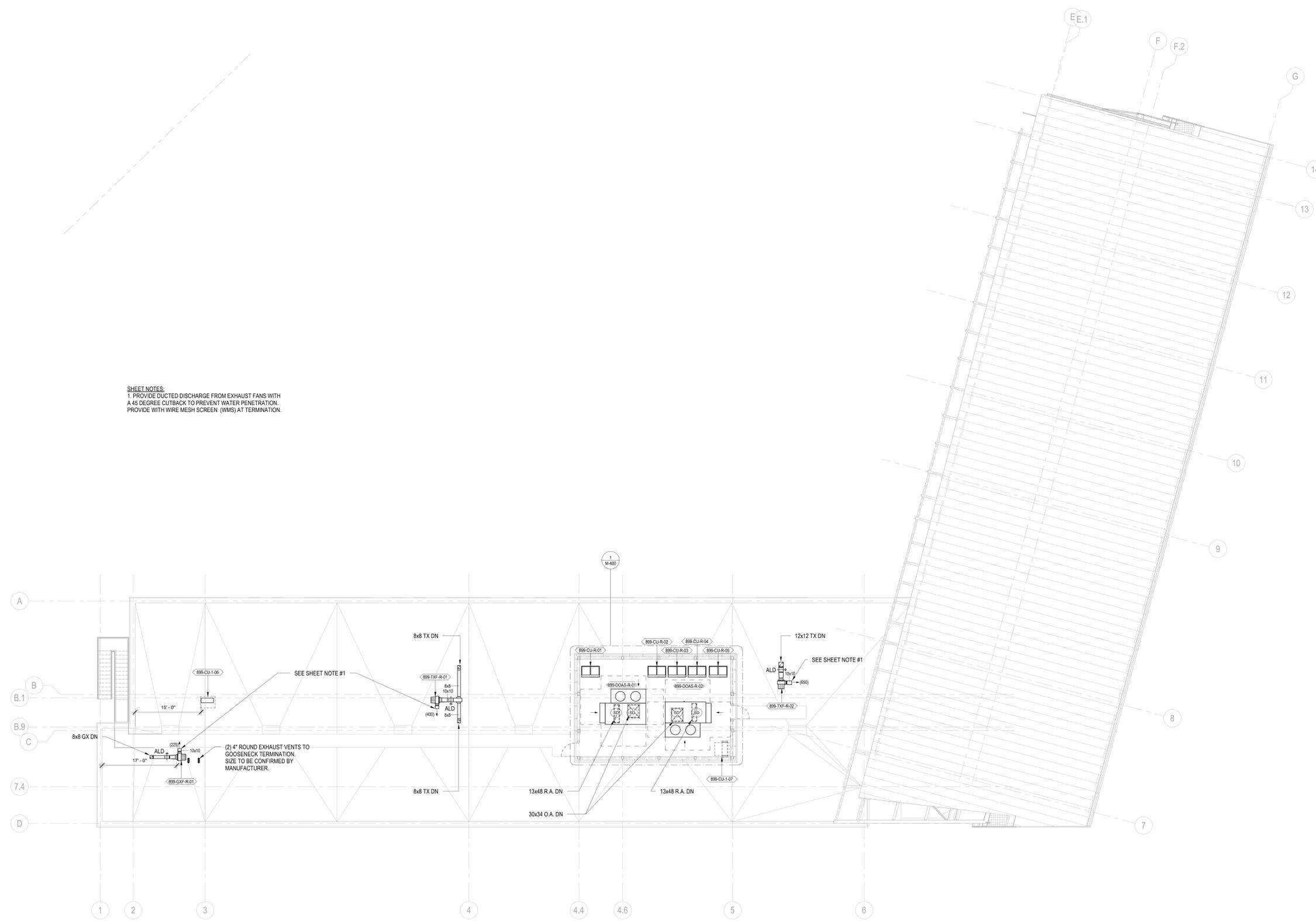
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Professional Seal and Signature

Vendor Name: GENSLER
Vendor Project No.: 006.3608.000
Discipline: Drawn By: Author
**MECHANICAL ROOF
DUCTWORK PLAN**

Scale: 1/8" = 1'-0" Floor:

M-101



SHEET NOTES:
1. PROVIDE DUCTED DISCHARGE FROM EXHAUST FANS WITH A 45 DEGREE CUTBACK TO PREVENT WATER PENETRATION. PROVIDE WITH WIRE MESH SCREEN (WMS) AT TERMINATION.

SEE SHEET NOTE #1

(2) 4" ROUND EXHAUST VENTS TO GOOSENECK TERMINATION. SIZE TO BE CONFIRMED BY MANUFACTURER.

SEE SHEET NOTE #1

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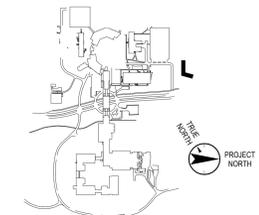
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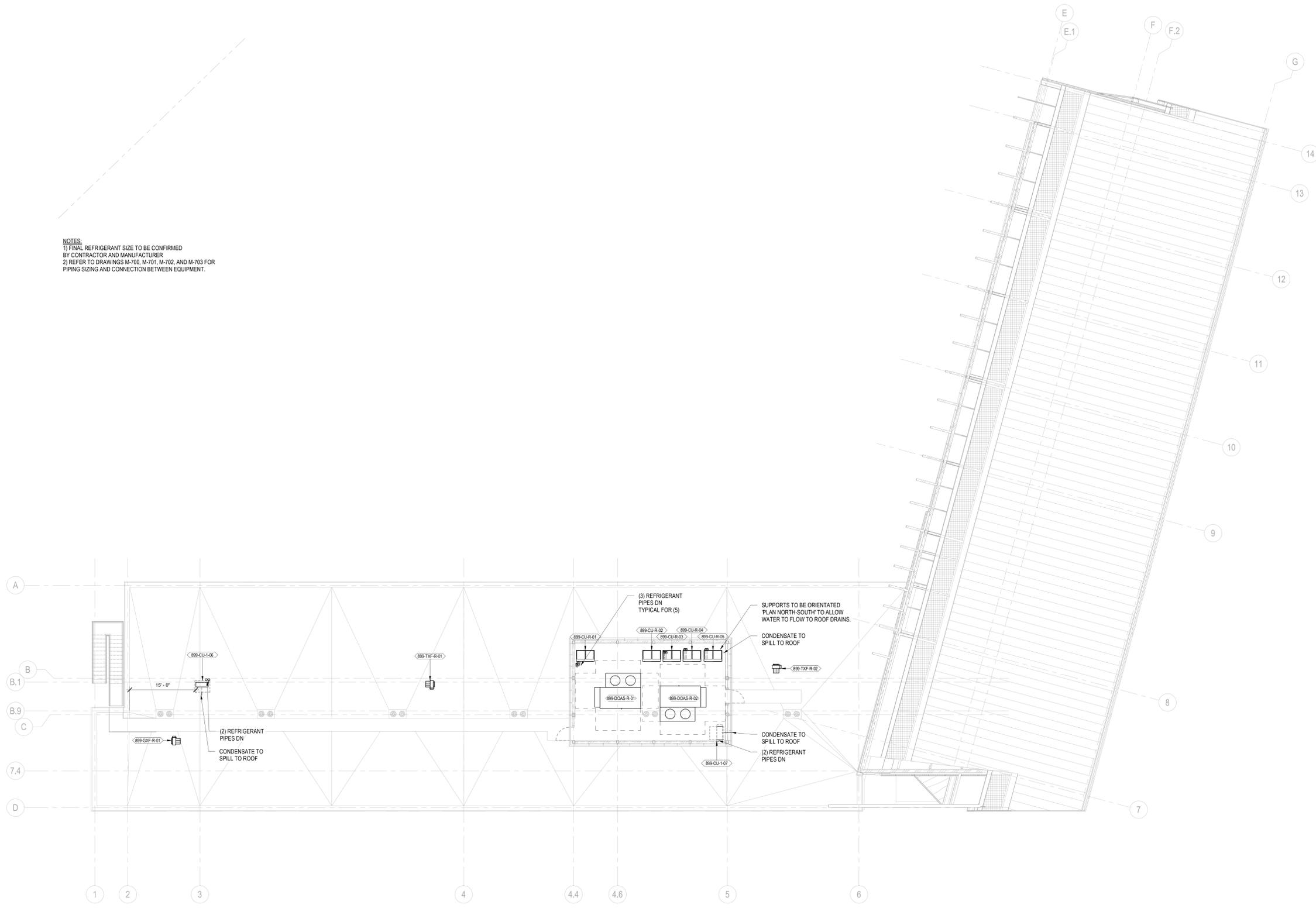
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Professional Seal and Signature

Vendor Name: GENSLER
Vendor Project No.: 006.3608.000
Discipline: Mechanical
Drawn By: Author
MECHANICAL ROOF PIPING PLAN

Scale: 1/8" = 1'-0" Floor:

M-151



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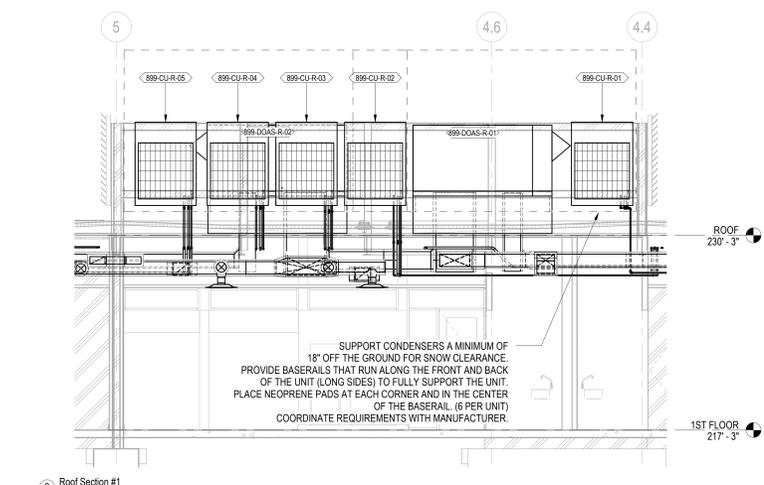
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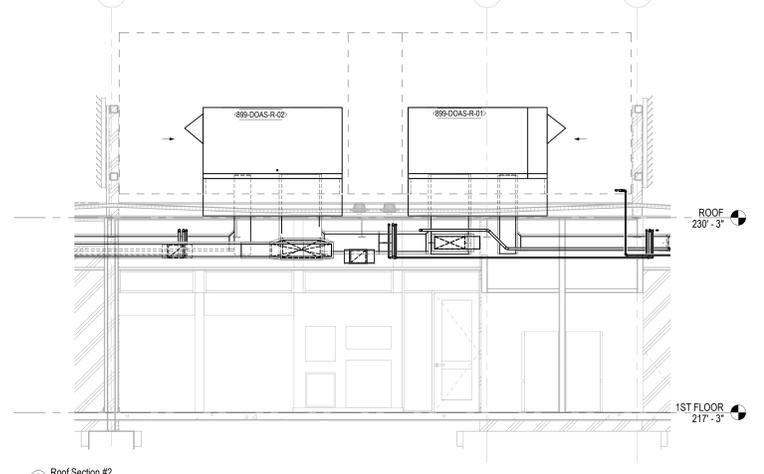
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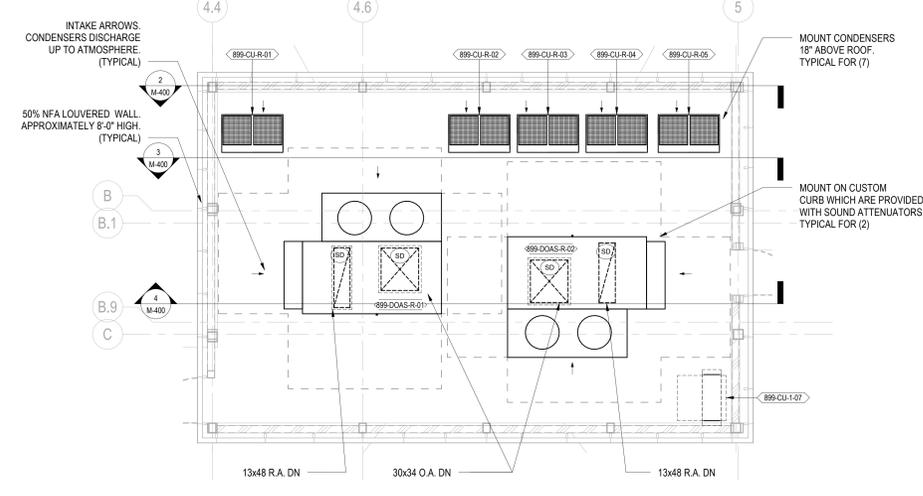
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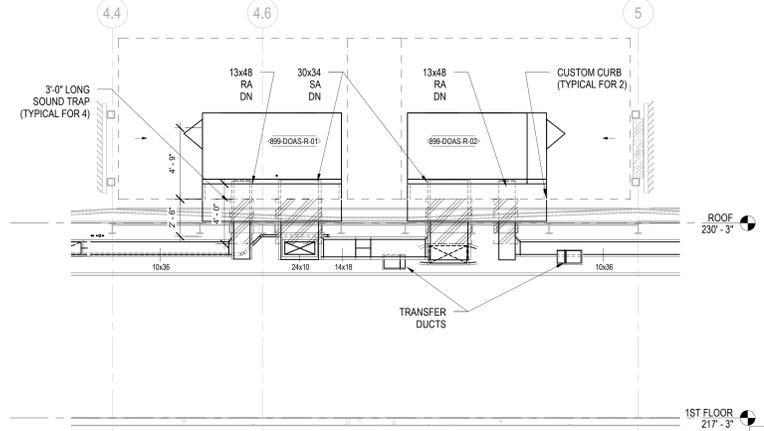
2 Roof Section #1
1/4" = 1'-0"



3 Roof Section #2
1/4" = 1'-0"



1 ROOF MECHANICAL PLAN - Callout
1/4" = 1'-0"



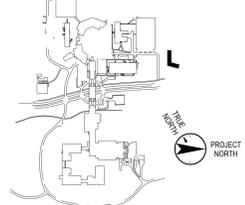
4 Roof Section #3
1/4" = 1'-0"

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Key Plan



No.	Date	Description
0	05.20.2022	ISSUED FOR PERMIT

Plot Date: 11/19/21
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Professional Seal and Signature

Vendor Name: GENSLER
Vendor Project No.: 006.3608.000
Discipline: Drawn By: Author
MECHANICAL ENLARGED VIEWS SHEET 1

Scale: 1/4" = 1'-0" Floor:

M-400

777 Old Saw Mill River Road
Tarrytown, NY 10591-6707
T: 914.847.7400
F: 914.847.7991
www.regeneron.com

Building #17
Campus Expansion Child
Day-care Center

777 Old Saw Mill River Road
Mount Pleasant, NY 10591

Project No. B17-DAYCARE

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Gensler
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New York, NY 10019
(212) 492-1400 Phone
(212) 492-1472 Fax

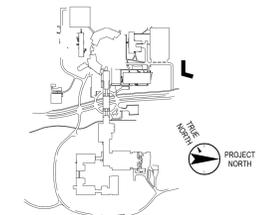
Structural Engineer
Thornton Tomasetti
120 Broadway, 15th Floor
New York, NY 10021
(917) 661-7800 Phone
(917) 661-7801 Fax

MEP / IT / Security Engineer
Cosentini Associates
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New York, NY 10018
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Civil Engineer
JMC
120 Bedford Road
Armonk, NY 10504
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(914) 273-2102 Fax

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

Key Plan



No.	Date	Description
0	05.20.2022	ISSUED FOR PERMIT

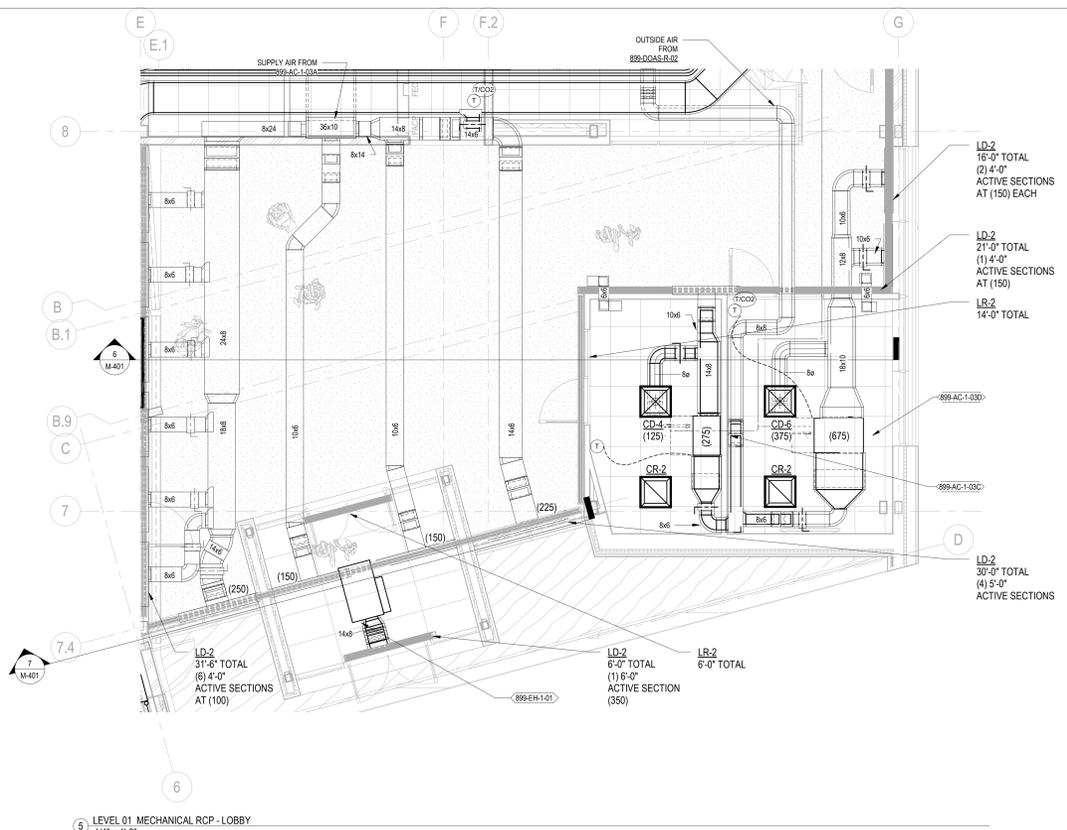
Plot Date: 03/08/22
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Professional Seal and Signature

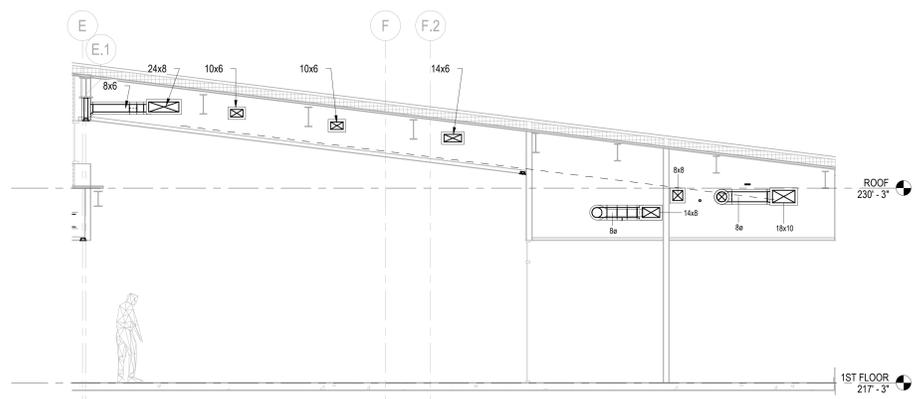
Vendor Name: GENSLER
Vendor Project No.: 006.3608.000
Discipline: Drawn By: Author
MECHANICAL ENLARGED VIEWS SHEET 1

Scale: 1/4" = 1'-0" Floor:

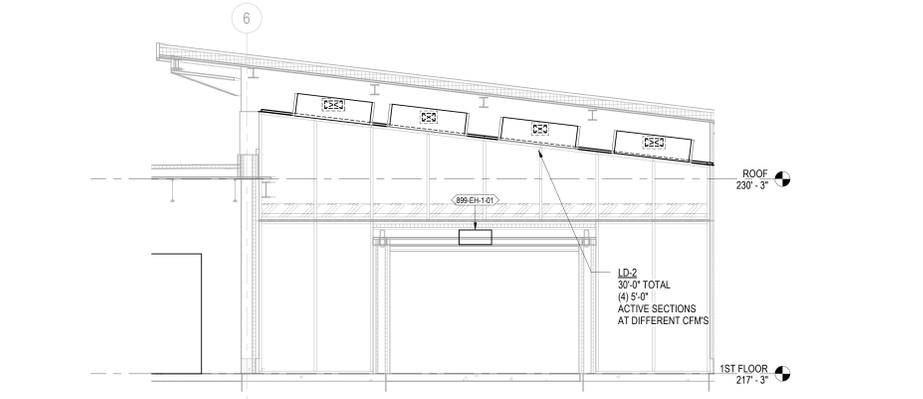
M-401



5 LEVEL 01 MECHANICAL RCP - LOBBY
1/4" = 1'-0"

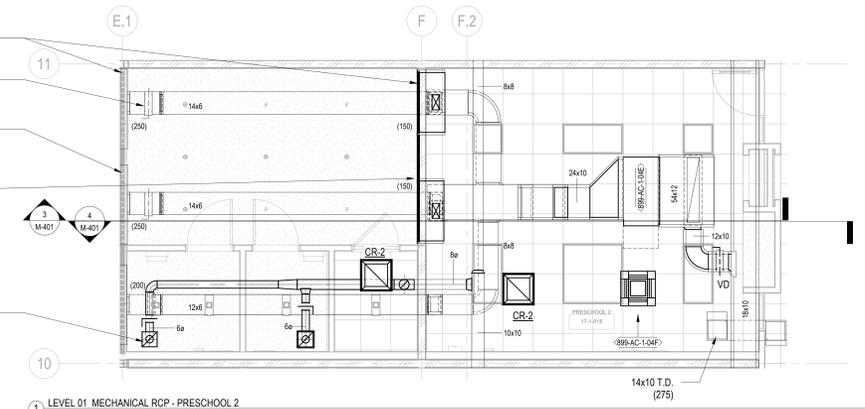


6 LOBBY - SECTION #1
1/4" = 1'-0"



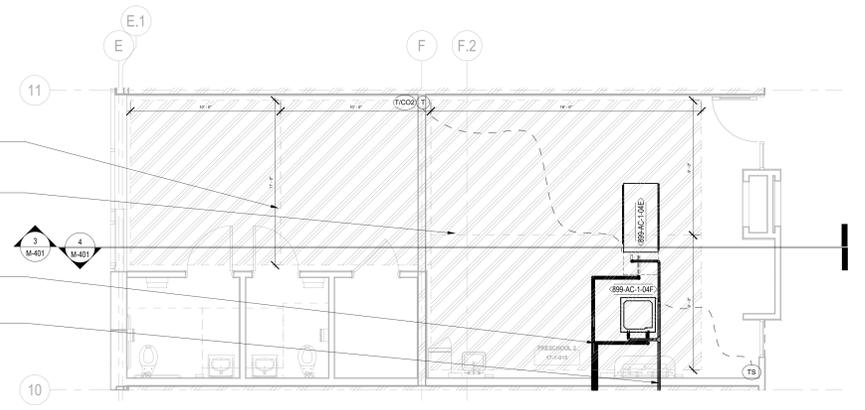
7 LOBBY - SECTION #2
1/4" = 1'-0"

CONTINUOUS LINEAR WITH INACTIVE SECTIONS USED FOR RETURN AIR, (TYPICAL) VOLUME DAMPER (TYPICAL FOR ALL OUTLETS)
LD-2 19'-0" TOTAL (3) 5'-0" ACTIVE SECTIONS
LD-2 11'-6" TOTAL (2) 4'-0" ACTIVE SECTIONS

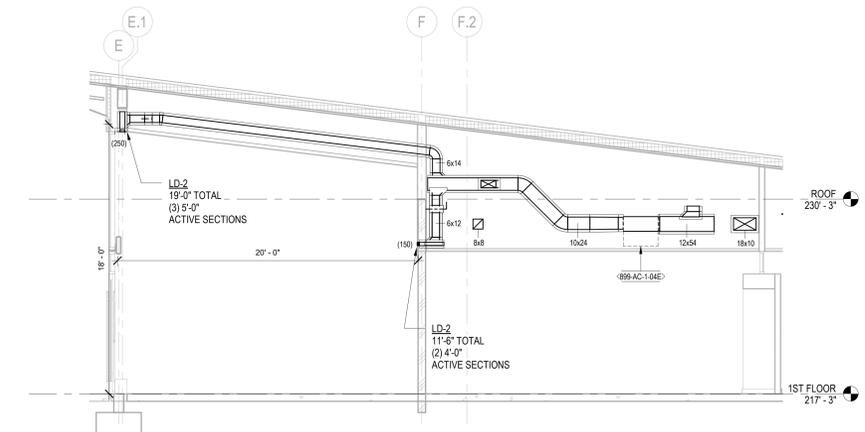


1 LEVEL 01 MECHANICAL RCP - PRESCHOOL 2
1/4" = 1'-0"

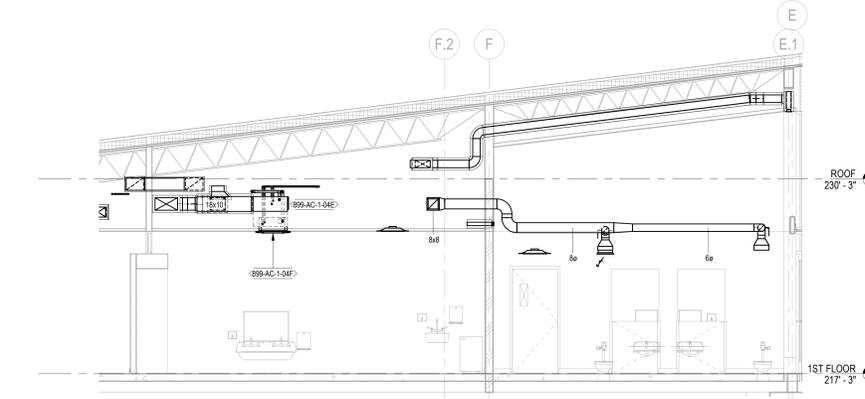
CR-1 (50) TYP. FOR TOILETS
ELECTRIC MAT 220 SF / 2.6 KW
ADD-ALT FOR ADDITIONAL ELECTRIC MAT 324 SF / 3.9 KW
REFRIGERANT LINES FROM 899-BSS-1-04
CONDENSATE LINE TO DRAIN



2 LEVEL 01 MECHANICAL PLAN - Callout 1
1/4" = 1'-0"



3 PRESCHOOL 2 - SECTION #1
1/4" = 1'-0"

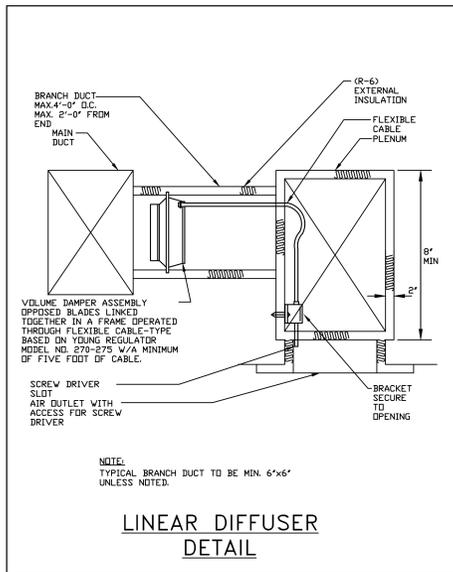


4 PRESCHOOL 2 - SECTION #2
1/4" = 1'-0"

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Titus Submittal AGR-35-AA-S 11-3-17

Air Balancing Devices
Opposed Blade Damper • Duct Mounted • Remote Cable Operated For Square and Rectangular Necks

Model: AGR-35-AA-S

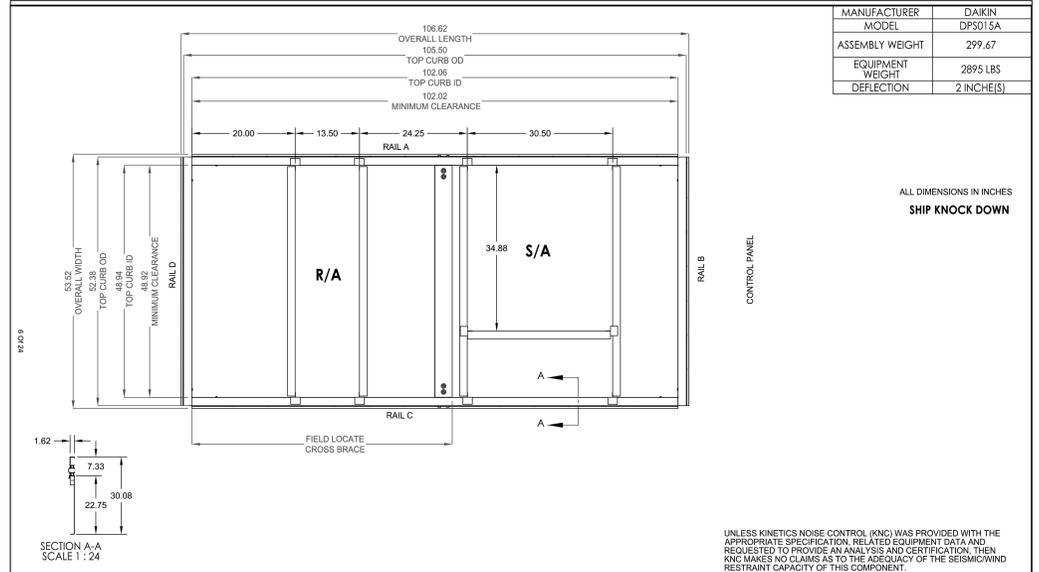
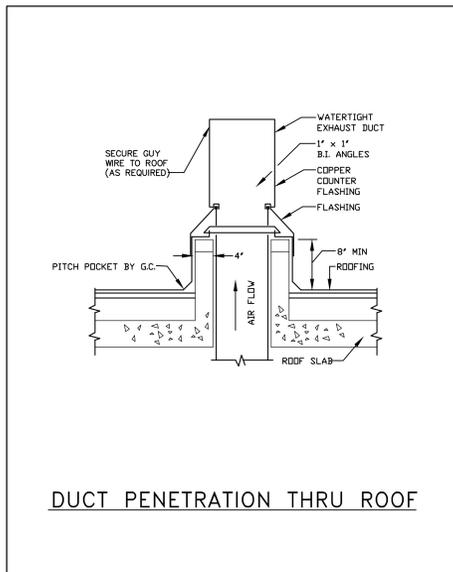
General Description

- The AGR-35-AA-S is a remote cable operated damper for duct mount applications.
- Dampers require one to three cables based on width. Sizes 6-18 inches require one cable, 18-32 inches require two cables, and 34-48 inches require three cables.
- Cable lengths: 2 feet to 12 feet in 2-foot increments.
- Cable operated opposed blades meter air volume with minimal air disturbance.
- Type 2 remote cable operator.
- Material is heavy duty extruded aluminum with micro-tempered steel parts.

Available Sizes:
Size 6" x 4" to 48" x 18"
Maximum 1-piece size: 48" x 18"

Standard Finish: 04 Mill

NOTE: PROVIDE FOR SQUARE DIFFUSERS WHERE VOLUME DAMPERS ARE ABOVE INACCESSIBLE CEILINGS.



KINETICS Noise Control

DESIGNED BY: [blank] RELEASED BY: [blank] DATE: 05/21/20

PROJECT: Daycare Center - Cosentini

REVISIONS:

NO.	DESCRIPTION	DATE
1	ISSUED FOR PERMIT	05/21/20

Rectangular Silencer Submittal Info Page 2 of 2

Project Number: 183900
Project Name: Daycare Center - Cosentini
Project Date: December 20, 2021
Customer: Vibration Products
Revision Number: [blank]
Revision Date: [blank]

Silencer Dimension (in)

Tag	AHU-R-2 - SA
Model	12.9KCRS-473 - 36 x 12.5 x 47.5
Quantity	1
System	RETURN
Width	12.5
Height	47.5
Length	36
RS Type	3
Unit Size	12.5

Configuration Rectangular
Face Velocity (fpm) 739
Flow Volume (cfm) 3,000
Pressure drop (in wg) 0.04

Silencer Module Dimension (in) / Weight (lb)

Number of Pieces	1
M	12.5
N	47.5
L	36
Weight each	86

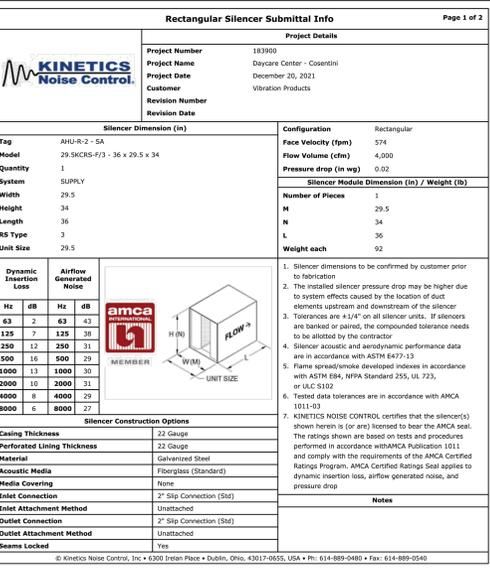
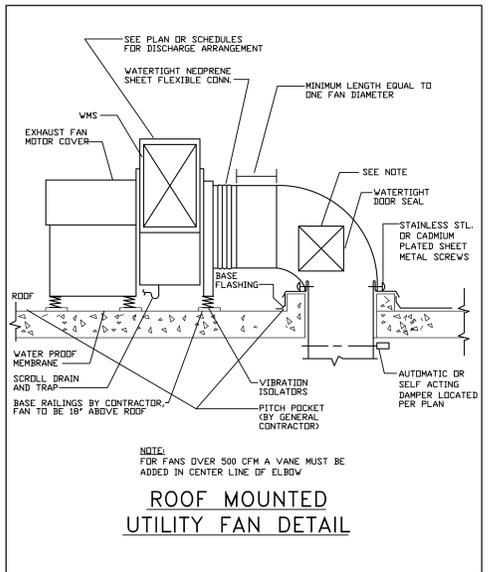
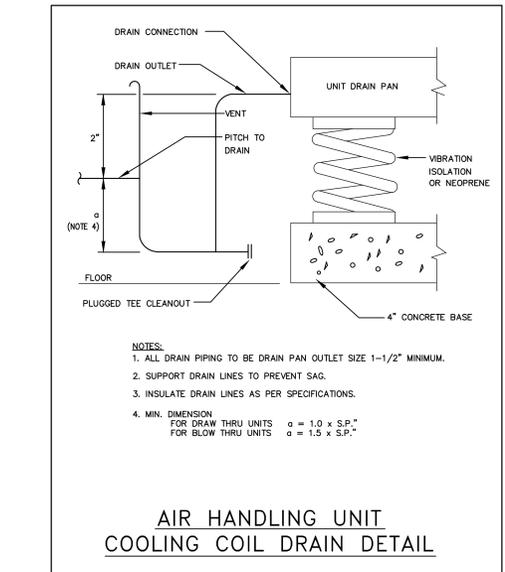
Dynamic Insertion Loss

Hz	dB	Hz	dB
63	2	63	45
125	5	125	41
250	11	250	39
500	20	500	41
1000	28	1000	44
2000	33	2000	44
4000	38	4000	41
8000	43	8000	38

Silencer Construction Options

Casing Thickness	22 Gauge
Perforated Lining Thickness	22 Gauge
Material	Galvanized Steel
Acoustic Media	Fiberglass (Standard)
Media Covering	None
Inlet Connection	2" Slip Connection (S&S)
Inlet Attachment Method	None
Outlet Connection	2" Slip Connection (S&S)
Outlet Attachment Method	None
Seams Locked	Yes

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KINETICS Noise Control

DESIGNED BY: [blank] RELEASED BY: [blank] DATE: 05/21/20

PROJECT: Daycare Center - Cosentini

REVISIONS:

NO.	DESCRIPTION	DATE
1	ISSUED FOR PERMIT	05/21/20

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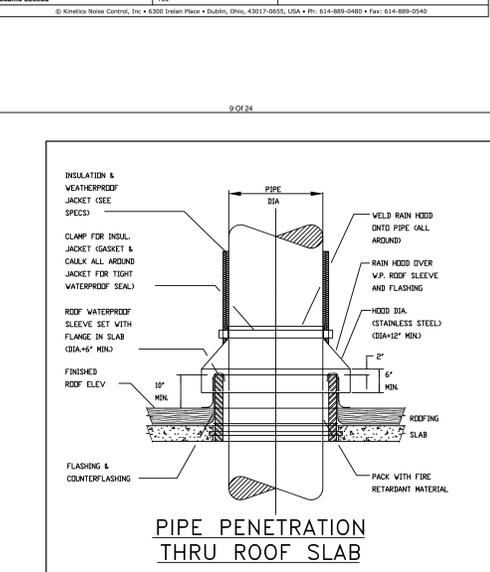
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Outlet Attachment Method	None
Seams Locked	Yes

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Project No. B17-DAYCARE

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Structural Engineer

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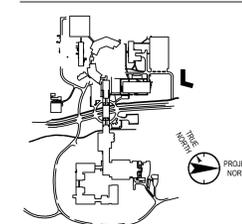
Civil Engineer

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

Landscape Architect

Langan
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(212) 479-5444 Fax

Key Plan



No. Date Description

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Professional Seal and Signature

Vendor Name:
Vendor Project No.:
Discipline: Drawn By:

MECHANICAL DETAILS
SHEET 2

Scale: NTS Floor:

M-501

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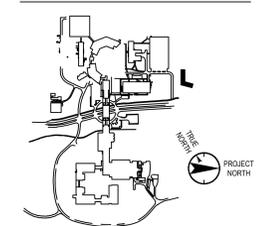
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Key Plan



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RELEASE.

Professional Seal and Signature

Vendor Name:
Vendor Project No.:
Discipline: Drawn By:

MECHANICAL
DETAILS
SHEET 3

Scale: NTS Floor:

M-502

PIPE HANGER & SUPPORT SCHEDULE

NO.	NO. INCL.	LESS THAN 1/4" MOVEMENT EXCEPT AS NOTED		MORE THAN 1/4" MOVEMENT EXCEPT AS NOTED	
		SHIELD	SADDLE	SHIELD	SADDLE
1	*	*	*	*	*
2	*	*	*	*	*
3	*	*	*	*	*
4	*	*	*	*	*
5	*	*	*	*	*
6	*	*	*	*	*
7	*	*	*	*	*
8	*	*	*	*	*
9	*	*	*	*	*
10	*	*	*	*	*
11	*	*	*	*	*
12	*	*	*	*	*
13	*	*	*	*	*
14	*	*	*	*	*
15	*	*	*	*	*
16	*	*	*	*	*
17	*	*	*	*	*
18	*	*	*	*	*
19	*	*	*	*	*
20	*	*	*	*	*
21	*	*	*	*	*
22	*	*	*	*	*
23	*	*	*	*	*
24	*	*	*	*	*
25	*	*	*	*	*
26	*	*	*	*	*
27	*	*	*	*	*
28	*	*	*	*	*
29	*	*	*	*	*
30	*	*	*	*	*
31	*	*	*	*	*
32	*	*	*	*	*
33	*	*	*	*	*
34	*	*	*	*	*
35	*	*	*	*	*
36	*	*	*	*	*
37	*	*	*	*	*
38	*	*	*	*	*
39	*	*	*	*	*
40	*	*	*	*	*
41	*	*	*	*	*
42	*	*	*	*	*

OVERHEAD SUPPORTS (HORIZONTAL PIPING)

DESIGN NOTES:
* Please confirm lead length and advise if different from shown.

Please forward this drawing to the Contractor for review

208V

777 Old Saw Mill Floor 1

Infant 1

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

TYPICAL TO INFANT 1, 2, 3, AND 4 (TOTAL 4)

APPROVED Signature: [Signature] Date: 18 May 2022
RELEASED For Internal Use Only: [] ORDERED []

Please forward this drawing to the Contractor for review

208V

777 Old Saw Mill Floor 1

Toddler 1

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

TYPICAL TO TODDLER 1, 2, 3, AND 4 (TOTAL 4)

APPROVED Signature: [Signature] Date: 18 May 2022
RELEASED For Internal Use Only: [] ORDERED []

Please forward this drawing to the Contractor for review

208V

777 Old Saw Mill Floor 1

Movement Matters Zone

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

MOVEMENT MATTERS ZONE

APPROVED Signature: [Signature] Date: 18 May 2022
RELEASED For Internal Use Only: [] ORDERED []

Please forward this drawing to the Contractor for review

208V

777 Old Saw Mill Floor 1

Staff Lounge

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

STAFF LOUNGE

APPROVED Signature: [Signature] Date: 18 May 2022
RELEASED For Internal Use Only: [] ORDERED []

Please forward this drawing to the Contractor for review

208V

777 Old Saw Mill Floor 1

Preschool 1

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

TYPICAL TO PRESCHOOL 1 & 2, K-PREP 1 & 2 (TOTAL OF 4)

APPROVED Signature: [Signature] Date: 18 May 2022
RELEASED For Internal Use Only: [] ORDERED []

ELECTRIC MAT LAYOUT DETAILS

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 1.90" 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 1.90" O.D.
- SERIES 6000 & 7000 EXIT SEAL FOR SIZES FROM 1.90" THRU 1.5" O.D.
- VANDAL RESISTANT STAINLESS SCREWS
- IC INSULATED CURB EXTENSION
- CURB VOID TO BE INSULATED BY OTHERS TO MATCH R-RATING OF ROOF ASSEMBLY.
- CONTACT RPH AT 1-800-994-0945
- ALL VAULT ICE (AVI) MODELS COMPLY WITH ICC 505 SECTION CURB - BUILDING ENVELOPE ROOF INSULATION INTEGRITY AND AIR LEAKAGE AND FEMA ICC-500
- GENERAL CONTRACTOR IS RESPONSIBLE TO PROVIDE VAULT AND APPROPRIATE TRADES TO PROVIDE EXIT SEALS.

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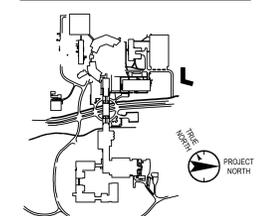
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(212) 479-5444 Fax

Key Plan



No. Date Description

0 05 20 2022 ISSUED FOR PERMIT

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Professional Seal and Signature

Vendor Name:
Vendor Project No.:
Discipline: Drawn By:

MECHANICAL EQUIPMENT SCHEDULE
SHEET #2
Scale: NTS Floor:

M-601

VARIABLE REFRIGERANT VOLUME CONDENSING UNIT SCHEDULE																				MANUFACTURER "DAIKIN" OR APPROVED EQUAL									
UNIT TAG	CONNECTED WITH	LOCATION	AMBIENT AIR TEMP. (°F) DB	NOMINAL TONNAGE	DESCRIPTION	COOLING CAP. (MBH)	AMBIENT AIR TEMP. (°F) DB	HEATING CAP. (MBH)	CONNECTION RATIO (%)	ELECTRICAL DATA				EER	IEER	COP (47 F)	COP (17 F)	SCHE	REFRIGERANT CHARGE		OPERATING WEIGHT (LBS)	MODEL #	VIBRATION ISOLATION		SYSTEM COMPLIANCE CHECK W/INYS MC 1102.1				REMARKS
										V/φ/Hz	MCA	MOP	RLA						FACTORY CHARGE (LBS)	ADDITIONAL CHARGE (LBS)			TYPE	DEFLECTION (IN.)	REFRIG. TYPE	REFRIG. CLASS	ALLOW. REFR. (LBS/1000) (CU.FT.)	MINIMUM ALLOWABLE VOLUME OF SPACE (CU.FT.)	
899-CU-R-01	899-AC-1-01A TO 899-AC-1-01G	ROOF	95	10	AIR COOLED HEAT RECOVERY	100.5	0	81.1	100%	460/3/60	21.1	25	12.8	13.2	25.5	3.81	2.54	26	25.8	19.7	750	REYQ120XAYDA	SEE SPECS	R410A	A1	26/2 = 13	3,500		
899-CU-R-02	899-AC-1-02A TO 899-AC-1-02G	ROOF	95	10	AIR COOLED HEAT RECOVERY	100.1	0	81.1	93%	460/3/60	21.1	25	12.8	13.2	25.5	3.81	2.54	26	25.8	19.7	750	REYQ120XAYDA	SEE SPECS	R410A	A1	26/2 = 13	3,500		
899-CU-R-03	899-AC-1-03A TO 899-AC-1-03E	ROOF	95	10	AIR COOLED HEAT RECOVERY	100.1	0	81.1	95%	460/3/60	21.1	25	12.8	13.2	25.5	3.81	2.54	26	25.8	19.7	750	REYQ120XAYDA	SEE SPECS	R410A	A1	26/2 = 13	3,500		
899-CU-R-04	899-AC-1-04A TO 899-AC-1-04G	ROOF	95	10	AIR COOLED HEAT RECOVERY	109.7	0	81.1	110%	460/3/60	21.1	25	12.8	13.2	25.5	3.81	2.54	26	25.8	19.7	750	REYQ120XAYDA	SEE SPECS	R410A	A1	26/2 = 13	3,500		
899-CU-R-05	899-AC-1-05A TO 899-AC-1-05F	ROOF	95	8	AIR COOLED HEAT RECOVERY	80.1	0	76.3	100%	460/3/60	21.1	25	10.5	14.6	27.8	4.23	2.63	26.4	25.8	19.7	750	REYQ96XAYDA	SEE SPECS	R410A	A1	26/2 = 13	3,500		

- NOTES:
- PROVIDE VIBRATION ISOLATORS.
 - PROVIDE DISCONNECT SWITCHES.
 - PROVIDE LOW AMBIENT BAFFLE KIT - ZLABG04A.
 - MANUFACTURER MUST BE CERTIFIED, LISTED, AND LABELED PER AHRJ 1230.
 - SYSTEM RATING DATA BASED ON DESIGN AMBIENT CONDITIONS FOR COOLING AND FOR HEATING.
 - SUBMITTED PERFORMANCE DATA MUST BE FULLY DE-RATED FOR ALL COMPONENTS AND ACCESSORIES, INCLUDING BUT NOT LIMITED TO, LINE LENGTH, VERTICAL SEPARATION, CONNECTION RATIO, DESIGN CONDITIONS, CONDENSER COIL COATING.
 - CONDENSING UNITS MUST HAVE FULLY MODULATING INVERTER COMPRESSORS.
 - CONDENSING UNITS MUST HAVE AUTO CHANGEOVER FUNCTIONS.
 - DEMAND LIMITING RELAY CONTACT MUST BE PROVIDED.
 - EEV ACTUATORS MUST BE REMOVABLE FROM VALVE BODY WITHOUT DISTURBING THE REFRIGERANT SYSTEM.
 - AC THERMOSTATS MUST PROVIDE +/- 1 DEGREE DEAD-BAND SET-POINT AND CONTROL CAPABILITY.
 - SYSTEM SHALL BE PROVIDED WITH TOUCH MANAGER CONTROLLER WITH WEB BASED SOFTWARE FOR DISPLAYING UP TO 8 DILNET SYSTEMS WITH 128 INDOOR UNITS PER SYSTEM PC BY OTHERS.
 - MANUFACTURERS SUBMITTAL MUST INCLUDE REFRIGERANT PIPING DIAGRAM WITH PIPE DIAMETERS, LEGNOTS, AND REFRIGERANT VOLUME.
 - SUBSTITUTE MANUFACTURER SHALL BE RESPONSIBLE FOR ADDITIONAL PIPING AND REFRIGERANT.
 - CONTRACTOR TO VERIFY PIPING DIMENSIONS.
 - INSTALLING CONTRACTOR MUST HAVE SUCCESSFULLY COMPLETED MANUFACTURERS CERTIFIED INSTALLATION CLASS WITHIN PAST 36 MONTHS.
 - CONTRACTOR TO FURNISH AND INSTALL INSULATION ON REFRIGERANT PIPING.
 - MANUFACTURERS REPRESENTATIVE MUST HAVE LOCAL STOCK OF PARTS AND FACTORY CERTIFIED TECHNICIAN ON STAFF.
 - MANUFACTURERS REPRESENTATIVE SHALL PROVIDE PROOF OF ONGOING INSTALLATION TRAINING AT THEIR LOCAL FACILITY FOR AT LEAST THE PAST 5 YEARS.
 - MANUFACTURERS REPRESENTATIVE SHALL PROVIDE PROOF OF CONTINUOUS SALES AND SUPPORT OF THEIR PRODUCTS FOR AT LEAST 15 YEARS.
 - MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DIRECT COSTS AND OPERATING COSTS INCREASES FOR 20 YEARS ASSOCIATED WITH ANY DEVIATIONS RESULTING FROM CHANGES IN DESIGN.
 - MANUFACTURERS MUST PROVIDE 10 YEAR PARTS WARRANTY ON ALL ACS, CONDENSING UNITS, AND MODE CHANGEOVER DEVICES. WARRANTY CONDITIONS MUST BE CLARIFIED DURING SUBMITTAL PHASE.
 - 3-PHASE AIR COOLED CONDENSING UNITS MUST HAVE PUBLISHED PERFORMANCE DATA WITH 200V INDOOR CONNECTED CAPACITY.
 - CONDENSING UNITS MUST BE FINISHED WITH PROTECTIVE COIL COATING TO WITHSTAND ASTM B117 SALT SPRAY TEST FOR A MINIMUM OF 1000 HOURS PERFORMANCE OF SYSTEM MUST BE DE-RATED FOR COIL COATING.
 - MANUFACTURER MUST CERTIFY AND SUBMIT SYSTEM PERFORMANCE AT EXTREME CONDITIONS OF 122 DEGREES FOR AMBIENT IN COOLING MODE AND -13 DEGREES FHH IN HEATING MODE.
 - INSTALLING CONTRACTOR MUST HAVE SUCCESSFULLY COMPLETED MANUFACTURERS CERTIFIED INSTALLATION CLASS WITHIN PAST 36 MONTHS.

VARIABLE REFRIGERANT VOLUME AIR CONDITIONING UNIT SCHEDULE																				MANUFACTURER "DAIKIN" OR APPROVED EQUAL							
UNIT TAG	CONNECTED WITH		LOCATION	SERVICE	TYPE	NOMINAL TONS	NOMINAL CAPACITY		CORRECTED CAPACITY		ENTERING (RETURN) AIR TEMPERATURE			OUTSIDE AIR (CFM)	FAN AIRFLOW (CFM DESIGN/CFM HHHL)	MAX STATIC PRESS. (IN.W.G.)	POWER					OPERATING WEIGHT (LBS)	DIMENSION (WxHxD)	MODEL	VIBRATION ISOLATION		REMARKS
	ACC	BSB					TOTAL COOLING (MBH)	HEATING (MBH)	TOTAL COOLING (MBH)	SENSIBLE COOLING (MBH)	HEATING (MBH)	COOLING DB	COOLING WB				HEATING DB	VOLTS	PHASE	HZ	MCA				MOP	TYPE	
899-AC-1-01A			1ST FLOOR (SOUTH)	INFANT (ROOM #4)	HORIZONTAL	1.5	18.0	20.0	15.5	13.2	20	75	63	70	275	800 635/580/530	0.8	208	1	60	1.6	15	79.4	39.4 x 11.8 x 27.6	FXMQ18PBVJU	PER SPECIFICATIONS	SEE NOTES BELOW, OPTIONS: BRC1E73 (1)
899-AC-1-01B			1ST FLOOR (SOUTH)	INFANT (ROOM #3)	HORIZONTAL	1.5	18.0	20.0	15.5	13.2	20	75	63	70	275	800 635/580/530	0.8	208	1	60	1.6	15	79.4	39.4 x 11.8 x 27.6	FXMQ18PBVJU	PER SPECIFICATIONS	SEE NOTES BELOW, OPTIONS: BRC1E73 (1)
899-AC-1-01C			1ST FLOOR (SOUTH)	TODDLER (ROOM #3)	HORIZONTAL	2	24.0	27.0	20.6	16.0	27.0	75	63	70	275	675 690/620/565	0.8	208	1	60	1.8	15	79.4	39.4 x 11.8 x 27.6	FXMQ24PBVJU	PER SPECIFICATIONS	SEE NOTES BELOW, OPTIONS: BRC1E73 (1)
899-AC-1-01D	899-CU-R-01	899-BSB-1-01	1ST FLOOR (SOUTH)	TODDLER (ROOM #4)	HORIZONTAL	2	24.0	27.0	20.6	16.0	27.0	75	63	70	275	675 690/620/565	0.8	208	1	60	1.8	15	79.4	39.4 x 11.8 x 27.6	FXMQ24PBVJU	PER SPECIFICATIONS	SEE NOTES BELOW, OPTIONS: BRC1E73 (1)
899-AC-1-01E			1ST FLOOR (SOUTH)	LAUNDRY	HORIZONTAL	0.75	9.5	10.5	8.5	6.1	10.6	75	63	70	50	315 315/265/230	0.6	208	1	60	0.8	15	55.0	21.7 x 9.6 x 31.5	FXSQ09TAVJU	PER SPECIFICATIONS	SEE NOTES BELOW, OPTIONS: BRC1E73 (1)
899-AC-1-01F			1ST FLOOR (SOUTH)	WARMING KITCHEN	HORIZONTAL	1.25	15.0	17.0	12.9	10.2	16.5	75	63	70	110	550 560/530/500	0.8	208	1	60	1.5	15	79.4	39.4 x 11.8 x 27.6	FXMQ15PBVJU	PER SPECIFICATIONS	SEE NOTES BELOW, OPTIONS: BRC1E73 (1)
899-AC-1-01G			1ST FLOOR (SOUTH)	INTERIOR CORRIDOR (NORTH)	HORIZONTAL	1	12.0	13.5	10.5	8.4	13.6	75	63	70	175	335 335/280/250	0.6	208	1	60	0.8	15	55.0	21.7 x 9.6 x 31.5	FXSQ12TAVJU	PER SPECIFICATIONS	SEE NOTES BELOW, OPTIONS: BRC1E73 (1)
899-AC-1-02A			1ST FLOOR (SOUTH)	INFANT (ROOM #2)	HORIZONTAL	1.5	18.0	20.0	15.5	13.2	20	75	63	70	275	800 635/580/530	0.8	208	1	60	1.6	15	79.4	39.4 x 11.8 x 27.6	FXMQ18PBVJU	PER SPECIFICATIONS	SEE NOTES BELOW, OPTIONS: BRC1E73 (1)
899-AC-1-02B			1ST FLOOR (SOUTH)	INFANT (ROOM #1)	HORIZONTAL	1.5	18.0	20.0	15.5	13.2	20	75	63	70	275	800 635/580/530	0.8	208	1	60	1.6	15	79.4	39.4 x 11.8 x 27.6	FXMQ18PBVJU	PER SPECIFICATIONS	SEE NOTES BELOW, OPTIONS: BRC1E73 (1)
899-AC-1-02C			1ST FLOOR (SOUTH)	TODDLER (ROOM #2)	HORIZONTAL	2	24.0	27.0	20.6	16.0	27.0	75	63	70	275	675 690/620/565	0.8	208	1	60	1.8	15	79.4	39.4 x 11.8 x 27.6	FXMQ24PBVJU	PER SPECIFICATIONS	SEE NOTES BELOW, OPTIONS: BRC1E73 (1)
899-AC-1-02D	899-CU-R-02	899-BSB-1-02	1ST FLOOR (SOUTH)	TODDLER (ROOM #1)	HORIZONTAL	2	24.0	27.0	20.6	16.0	27.0	75	63	70	275	675 690/620/565	0.8	208	1	60	1.8	15	79.4	39.4 x 11.8 x 27.6	FXMQ24PBVJU	PER SPECIFICATIONS	SEE NOTES BELOW, OPTIONS: BRC1E73 (1)
899-AC-1-02E			1ST FLOOR (SOUTH)	INTERIOR CORRIDOR (SOUTH)	HORIZONTAL	1	12.0	13.5	10.5	8.4	13.6	75	63	70	175	335 335/280/250	0.6	208	1	60	0.8	15	55.0	21.7 x 9.6 x 31.5	FXSQ12TAVJU	PER SPECIFICATIONS	SEE NOTES BELOW, OPTIONS: BRC1E73 (1)
899-AC-1-02F			1ST FLOOR (SOUTH)	HEALTH OFFICE/ STROLLER STORAGE	HORIZONTAL	0.5	5.8	6.5	5.2	4.3	6.5	75	63	70	35	275 280/265/230	0.6	208	1	60	0.8	15	55.0	21.7 x 9.6 x 31.5	FXSQ05TAVJU	PER SPECIFICATIONS	SEE NOTES BELOW, OPTIONS: BRC1E73 (1)
899-AC-1-02G			1ST FLOOR (SOUTH)	WELLNESS/ CORRIDOR	HORIZONTAL	0.75	9.5	10.5	8.5	6.1	10.6	75	63	70	30	315 315/265/230	0.6	208	1	60	0.8	15	55.0	21.7 x 9.6 x 31.5	FXSQ09TAVJU	PER SPECIFICATIONS	SEE NOTES BELOW, OPTIONS: BRC1E73 (1)
899-AC-1-03A			1ST FLOOR (CENTER)	LOBBY/RECEPTION	HORIZONTAL	4	48	54	41.3	30.5	54	75	63	70	300	1,375 1,375/1,165/980	0.8	208	1	60	3.4	15	101.4	55.1 x 11.8 x 27.6	FXMQ48PBVJU	PER SPECIFICATIONS	SEE NOTES BELOW, OPTIONS: BRC1E73 (1)
899-AC-1-03B			1ST FLOOR (CENTER)	MOVEMENT MATTERS ZONE	HORIZONTAL	2	24.0	27.0	20.6	16.0	27.0	75	63	70	300	675 690/620/565	0.8	208	1	60	1.8	15	79.4	39.4 x 11.8 x 27.6	FXMQ24PBVJU	PER SPECIFICATIONS	SEE NOTES BELOW, OPTIONS: BRC1E73 (1)
899-AC-1-03C	899-CU-R-03	899-BSB-1-03	1ST FLOOR (CENTER)	DIRECTOR OFFICE/ LOBBY	HORIZONTAL	0.5	5.8	6.5	5.2	4.3	6.5	75	63	70	45	275 280/265/230	0.6	208	1	60	0.8	15	55.0	21.7 x 9.6 x 31.5	FXSQ05TAVJU	PER SPECIFICATIONS	SEE NOTES BELOW, OPTIONS: BRC1E73 (1)
899-AC-1-03D			1ST FLOOR (CENTER)	CONFERENCE ROOM/ LOBBY	HORIZONTAL	2	24.0	27.0	20.6	16.0	27.0	75	63	70	75	675 690/620/565	0.8	208	1	60	1.8	15	79.4	39.4 x 11.8 x 27.6	FXMQ24PBVJU	PER SPECIFICATIONS	SEE NOTES BELOW, OPTIONS: BRC1E73 (1)
899-AC-1-03E			1ST FLOOR (CENTER)	PERIMETER CORRIDOR (WEST)	HORIZONTAL	1	12.0	13.5	10.5	8.4	13.6	75	63	70	75	335 335/280/250	0.6	208	1	60	0.8	15	55.0	21.7 x 9.6 x 31.5	FXSQ12TAVJU	PER SPECIFICATIONS	SEE NOTES BELOW, OPTIONS: BRC1E73 (1)
899-AC-1-04A			1ST FLOOR (SOUTH)	STEAM LAB	HORIZONTAL	1.5	18.0	20.0	15.5	13.2	20	75	63	70	325	600 635/580/530	0.8	208	1	60	1.6	15	79.4	39.4 x 11.8 x 27.6	FXMQ18PBVJU	PER SPECIFICATIONS	SEE NOTES BELOW, OPTIONS: BRC1E73 (1)
899-AC-1-04B			1ST FLOOR (SOUTH)	STAFF LOUNGE/ COPY AREA / STORAGE	HORIZONTAL	2.5	30.0	34.0	25.8	20.1	34	75	63	70	215	1,075 1,095/950/810	0.8	208	1	60	2.8	15	101.4	55.1 x 11.8 x 27.6	FXMQ30PBVJU	PER SPECIFICATIONS	SEE NOTES BELOW, OPTIONS: BRC1E73 (1)
899-AC-1-04C			1ST FLOOR (SOUTH)	PRESCHOOL #1	HORIZONTAL	2.5	30.0	34.0	25.8	20.1	34	75	63	70	375	1,075 1,095/950/810	0.8	208	1	60	2.8	15	101.4	55.1 x 11.8 x 27.6	FXMQ30PBVJU	PER SPECIFICATIONS	SEE NOTES BELOW, OPTIONS: BRC1E73 (1)
899-AC-1-04D	899-CU-R-04	899-BSB-1-04	1ST FLOOR (SOUTH)	PRESCHOOL #1	CASSETTE	0.5		5	4.3	6.5	75	63	70	0	300		208	1	60	0.3	15	35	22.6 x 10.2 x 22.6	FXZQ05TAVJU	PER SPECIFICATIONS	SEE NOTES BELOW, OPTIONS: BRC1E73 (1), BYF060C3W1W (1)	
899-AC-1-04E			1ST FLOOR (SOUTH)	PRESCHOOL #2	HORIZONTAL	2.5	30.0	34.0	25	20.1	34	75	63	70	375	1,075 1,095/950/810	0.8	208	1								

