DESIGN & CONSTRUCTION GROUP
THE GOVERNOR NELSON A. ROCKEFELLER
EMPIRE STATE PLAZA
ALBANY, NY 12242

ADDENDUM NO. 03 TO PROJECT NO. 46103

**CONSTRUCTION, HVAC, PLUMBING AND ELECTRICAL WORK
REHABILITATE ADULT LIVING UNITS &
HEATING SYSTEM UPGRADES, BUILDING 62
BUFFALO PSYCHIATRIC CENTER
400 FOREST AVE.
BUFFALO, NEW YORK**

May 29, 2026

NOTE: This Addendum forms a part of the Contract Documents. Insert it in the Project Manual. Acknowledge receipt of this Addendum in the space provided on the Bid Form.

BIDDING REQUIREMENTS – COMMON

1. DOCUMENT 001114 ADVERTISEMENT FOR BIDS: The last date for receipt of bids is changed from Wednesday, June 03, 2026, to 2:00 p.m. Wednesday, June 17, 2026.

HVAC WORK SPECIFICATIONS

2. SECTION 230100 BASIC MECHANICAL REQUIREMENTS, Subparagraph 3.18.A.b.1.a: Change subparagraph to read:

   "a. Temporary heat shall be provided under the H-Contract for all Contracts related to the Project."

3. SECTION 238216 COILS, Subparagraph 2.2.G: Change subparagraph to read:

   "G. "Minimum 16 gauge stainless steel casing, steel headers, 1/2" OD, 0.035" thick copper tubes with 0.035" thick "U" bends and 0.0060" thick aluminum fins."

4. SECTION 238216 COILS, Subparagraph 2.3.A: Change subparagraph to read:

   "A. "Copper tubes not less than 1/2" OD, 0.035 in. tube wall with 0.035 in. thick "U" bends minimum 0.0060 fin thick aluminum fins; steel headers with steel pipe connects (male NPT) pipe to exterior of air handling unit enclosure. Aluminum fins, helically wound, or plate type with expanded tube. Completely drainable and able to be vented. Coils tested at 300 psig then leak tested at 200 psig with air pressure under water. Circuited so as to keep head loss through coil not greater than called for. Minimum 16 gauge stainless steel casings. Fin spacing to

be selected to meet capacity and max air pressure drop requirements. Coils bottom supply, counterflow heat transfer."

PLUMBING WORK SPECIFICATIONS

5. SECTION 224200 PLUMBING FIXTURES, Subparagraph 1.1.B: Change subparagraph to read:

   "B. Provide "control" wiring circuits for fixtures, trim, equipment, and associated control devices. Coordinate with the E- Contractor for the power service, including supplying the wiring, conduit, boxes, accessories, and related appurtenances."

PLUMBING WORK APPENDIX

6. FIRE PUMP TEST REPORT: Add the attached Document (pages 1 through 18) to the Project Manual.

HVAC WORK DRAWINGS

7. Revised Drawings:
   a. Drawing No. M-604 and M-605 noted Addendum No. 3 dated 5/28/26, accompanies this Addendum and supersedes the same numbered previously issued drawing.

END OF ADDENDUM

Brady M. Sherlock, P.E.
Director, Division of Design
Design & Construction

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Inspection Summary

Customer Information

Name	NYS Office of Mental Health

Building Information

Name	OMH - Buffalo PC - Building 62 & 62A (Strozzi)
Address	400 Forest Avenue, Buffalo, NY 14213

Contact Information

Name	Peter Dalimonte
Role	Chief of Safety
E-Mail	peter.dalimonte@omh.ny.gov
Phone	7166046376

Account Information

Service Provider	Johnson Controls North America
Office Address	6950 Main St. Suite 3 Williamsville NY 14221
Office Phone	7166338591
Office License	12000327945
Inspector Name	James Boyle
Inspector License	

Inspection Information

Start Date	05/05/2025
Date	05/06/2025
Inspection Type	Joint Commission
Work Order#	58839708
Timezone	GMT-04:00

Inspection Summary

The following Tests and Inspections have been covered in this inspection

EP 6 - Fire Pump Tested Under No Flow Condition (Diesel weekly, Electric monthly)
EP 11 - Fire Pump Tested Under Full Flow (Annual) and/or Pump Supervisory Signals

DEVICE DEFICIENCIES

No device deficiencies in this inspection.

INSPECTION RESULTS SUMMARY

		CURRENT INSPECTION RESULTS					PREVIOUS INSPECTION RESULTS
TEST PERFORMED	DEVICE TYPE	TOTAL	PASSED	FAILED	CANNOT INSPECT	% INSPECTED	TOTAL
EP6 EP11	Electric Fire Pumps	1	1	0	0	100	1
EP11	Fire Pump Running	0	0	0	0	100	1
EP11	Supervisory-Fire Pump Loss of Power	1	1	0	0	100	1
EP11	Supervisory-Fire Pump Running Supervisory	1	1	0	0	100	1
	TOTAL	3	3	0	0	100	4

FIRE PUMP TESTED UNDER NO FLOW CONDITION (DIESEL WEEKLY, ELECTRIC MONTHLY)

CUSTOMER NAME: NYS Office of Mental Health
BUILDING NAME: OMH - Buffalo PC - Building 62 & 62A (Strozzi)
BUILDING ADDRESS: 400 Forest Avenue, Buffalo, NY 14213

CONTACT NAME: Peter Dalimonte
CONTACT E-MAIL: peter.dalimonte@omh.ny.gov
CONTACT ROLE: Chief of Safety
CONTACT PHONE: 7166046376

SERVICE PROVIDER: Johnson Controls North America
OFFICE ADDRESS: 6950 Main St. Suite 3 Williamsville NY 14221
OFFICE PHONE: 7166338591
OFFICE LICENSE: 12000327945
INSPECTOR: James Boyle

INSPECTION START DATE: 05/05/2025
INSPECTION END DATE: 05/06/2025
WORK ORDER: 58839708
TIMEZONE: GMT-04:00

INSPECTION RESULTS SUMMARY

	CURRENT INSPECTION RESULTS					PREVIOUS INSPECTION RESULTS
DEVICE TYPE	INVENTORY COUNT	PASSED	FAILED	CANNOT INSPECT	% INSPECTED	INVENTORY COUNT
Electric Fire Pumps	1	1	0	0	100	1

DEVICE DEFICIENCIES

No device deficiencies in this inspection.

RETIRED DEVICES

No retired devices in this inspection.

Elements of Performance #6

Monthly, the facility tests Electric driven fire pumps under no-flow conditions. Weekly, the facility test all other fire pumps under no flow conditions. The completion date of the tests is documented.

Fire Pumps- Under No Flow

For additional guidance on performing the tests, see NFPA 25-2011: 8.3.1; 8.3.2

Device	Test Method
Fire Pumps	A monthly test of the electric driven or weekly test of diesel fire pump assemblies shall be conducted without flowing water. The monthly and weekly test shall be conducted by starting the pump automatically. The electric pump shall run a minimum of 10 minutes. The diesel pump shall run a minimum of 30 minutes. A valve installed to open as a safety feature shall be permitted to discharge water. The automatic monthly/weekly test timer shall be permitted to be substituted for the starting procedure Pump system procedure: 1. Record the system suction and discharge pressure gauge readings. 2. Check the pump packing glands for slight discharge. 3. Adjust gland nuts if necessary. 4. Check for unusual noise or vibration. 5. Check packing boxes, bearings, or pump casing for overheating

GENERAL DATA								
PUMP LOCATION/ DESCRIPTION	BACKFLOW PRESENT	WATER SUPPLY TYPE	TANK SUPPLY	TANK CAPACITY	TANK HEIGHT	CONNECTION SIZE	DATE OF PUMP TEST	TIME OF PUMP TEST
Strozzi	Yes	City	N/A	NA	NA	6	05/05/2025	1030

FIRE PUMP DATA								
MFG	SHAFT TYPE	MODEL	SERIAL NO.	RATED GPM	RATED PSI	CHURN / MAX PRESSURE	150% PRESSURE RATING	RATED RPM
AC-ITT	Horizontal	07-050914-01-01/ QKF107	07-050914-01-01/ QKF107	750	100	126	80	3550

FIRE PUMP DRIVER DATA											JOCKEY PUMP DATA		
MFG	MODEL	SERIAL NO.	RATED VOLTS	HORSE POWER	RATED RPM	RATED AMPS	PHASE	CYCLES	OPER VOLTS	SERVICE FACTOR	MFG	MODEL	SERIAL NO.
WEG	060360P3E326TS	19SETO7CEO4683	460	60	3555	70.6	3	60	481	1.15	Unknown	Unknown	Unknown

FP CONTROLLER DATA				JP CONTROLLER DATA				
MFG	MODEL	SERIAL NO.	FP START	MFG	MODEL	SERIAL NO.	JP START	JP STOP
Eaton	FD90-60D-L1	16BB958E	101	Firetrol	Unknown	Unknown	113	132

Fire Pump Questions

Time For Motor To Accelerate To Full Speed	2 seconds
Starting Pressure	101
Suction Pressure While Running	41
Discharge Pressure While Running	172
Controller Selector Switch In Auto Position	Yes
Pump House Room at Least 40F	Yes
Suction, Discharge, And Bypass Valves Open	Yes
Piping Free Of Leaks	Yes
Suction And Discharge Pressure Gauges Normal	Yes
Controller Indicating Power On	Yes
Isolation Switch Closed	Yes
Reverse Phase Alarm Indicator Off	Yes
Circulation Relief Valve Flows Water While Churning	Yes
PRV's Downstream Operating At Proper PSI While Pump Runs	Yes
Pump Started Automatically	Yes
Pump Run For At Least 10 Minutes (Elec Only)	Yes
Pump Packing Gland Shows Slight Discharge	Yes
Free From Unusual Noises Or Vibrations	Yes
Packing Boxes, Bearings, And Pump Casing Free Of Overheating	Yes
All Times And Pressures Acceptable	Yes

Isolation Switch And Circuit Breaker Exercised	Yes
Fire Pump Start Time	1030
Fire Pump Stop Time	1045
After disconnecting the primary fire pump power switch, did the transfer switch operate by switching to stand-by power mode with controller's indicator on?	Yes
After restoring primary power to fire pump, did the transfer switch operate by switching to primary power mode with indicator on?	Yes

Electrical System Free Of Wire Chafing	Yes
Note: Exterior visual inspection only. Did not open controller cabinet	

No **Semi-Annual** questions were answered for this inspection.

Inspector Signature	JBoyle	**Inspector Name**	James Boyle	**Date**	05/06/2025
Signature of the Chief of Safety		**Printed name of the Chief of Safety**	Peter Dalimonte	**Date**	05/06/2025

FIRE PUMP TESTED UNDER FULL FLOW (ANNUAL) AND/OR PUMP SUPERVISORY SIGNALS

CUSTOMER NAME: NYS Office of Mental Health
BUILDING NAME: OMH - Buffalo PC - Building 62 & 62A (Strozzi)
BUILDING ADDRESS: 400 Forest Avenue, Buffalo, NY 14213

CONTACT NAME: Peter Dalimonte
CONTACT E-MAIL: peter.dalimonte@omh.ny.gov
CONTACT ROLE: Chief of Safety
CONTACT PHONE: 7166046376

SERVICE PROVIDER: Johnson Controls North America
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OFFICE LICENSE: 12000327945
INSPECTOR: James Boyle

INSPECTION START DATE: 05/05/2025
INSPECTION END DATE: 05/06/2025
WORK ORDER: 58839708
TIMEZONE: GMT-04:00

INSPECTION RESULTS SUMMARY

	CURRENT INSPECTION RESULTS					PREVIOUS INSPECTION RESULTS
DEVICE TYPE	INVENTORY COUNT	PASSED	FAILED	CANNOT INSPECT	% INSPECTED	INVENTORY COUNT
Fire Pump Running	0	0	0	0	100	1
Electric Fire Pumps	1	1	0	0	100	1
Supervisory-Fire Pump Loss of Power	1	1	0	0	100	1
Supervisory-Fire Pump Running Supervisory	1	1	0	0	100	1

DEVICE DEFICIENCIES

No device deficiencies in this inspection.

RETIRED DEVICES

LOCATION	DESCRIPTION	ADDRESS	DEVICE	MAKE	MODEL	BARCODE	TYPE
(Building 62) Basement	Fire Pump Room 62 Basement	—	Fire Pump Running	—	Split Case 393H	111004629	Duplicate device. No longer needed

Elements of Performance #11

Every 12 months the facility will test the Fire Pump Under Full Flow Condition. The completion date of the tests is documented.

Fire Pumps Under Full Flow

For additional guidance on performing the tests, see NFPA 25-2011: 8.3.3

Device	Test Method
Fire Pumps Under Full Flow	An annual test of each pump assembly shall be conducted under minimum, rated, and peak flows of the fire pump by controlling the quantity of water discharged through approved test devices.
	8.3.3.2 The pertinent visual observations, measurements, and adjustments specified in the following checklists shall be conducted annually while the pump is running and flowing water under the specified output condition: 1. At no-flow condition (churn) as follows: • Check the circulation relief valve for operation to discharge water • Check the pressure relief valve (if installed) for proper operation 2. At each flow condition: • Record the electric motor voltage and current (all lines) • Record the pump speed in rpm • Record the simultaneous readings of pump suction and discharge pressures and pump discharge flow 3. For electric motor–driven pumps, the pump shall not be shut down until the pump has run for 10 minutes. 4. For diesel motor–driven pumps, the pump shall not be shut down until the pump has run for 30 minutes. 5. Fire Pump Supervisory Signals (Pump Running, and Pump Loss of Power)

GENERAL DATA								
PUMP LOCATION/ DESCRIPTION	BACKFLOW PRESENT	WATER SUPPLY TYPE	TANK SUPPLY	TANK CAPACITY	TANK HEIGHT	CONNECTION SIZE	DATE OF PUMP TEST	TIME OF PUMP TEST
Strozzi	Yes	City	N/A	NA	NA	6	05/05/2025	1030

FIRE PUMP DATA								
MFG	SHAFT TYPE	MODEL	SERIAL NO.	RATED GPM	RATED PSI	CHURN / MAX PRESSURE	150% PRESSURE RATING	RATED RPM
AC-ITT	Horizontal	07-050914-01-01/ QKF107	07-050914-01-01/ QKF107	750	100	126	80	3550

FIRE PUMP DRIVER DATA											JOCKEY PUMP DATA		
MFG	MODEL	SERIAL NO.	RATED VOLTS	HORSE POWER	RATED RPM	RATED AMPS	PHASE	CYCLES	OPER VOLTS	SERVICE FACTOR	MFG	MODEL	SERIAL NO.
WEG	060360P3E326TS	19SETO7CEO4683	460	60	3555	70.6	3	60	481	1.15	Unknown	Unknown	Unknown

FP CONTROLLER DATA				JP CONTROLLER DATA				
MFG	MODEL	SERIAL NO.	FP START	MFG	MODEL	SERIAL NO.	JP START	JP STOP
Eaton	FD90-60D-L1	16BB958E	101	Firetrol	Unknown	Unknown	113	132

Fire Pump Questions

Electrical System Free Of Wire Chafing	Yes
Note: Exterior visual inspection only. Did not open controller cabinet	

No **Semi-Annual** questions were answered for this inspection.

Is there an External Means to View and Record the Amps and Voltage Readings?	Yes
When was the Last Annual Pump Test?	06/12/2024
Date of the last Non Flow Meter Loop Flow Test	06/12/2024
Have Calibrated Gauges Been Used?	Yes
Calibration Date of Suction Gauge	02/01/2025
Calibration Date of Discharge Gauge	02/01/2025
Inspect Pump Bearing Lubrication	Yes
Shaft End Play Acceptable	Yes
Pump Coupling Alignment Acceptable	Yes
Inspect Transmission Coupling, Gear Drive, And Mechanical Parts	Yes
Emergency Manual Starting Operated Without Power	Yes
Pressure Switch Settings Inspected	Yes
Motor Bearings Inspected	Yes
Mainline Strainer Present on System?	Yes
During fire pump test at peak power output conditions (150%) was power failure simulated?	Yes
Upon power failure simulation, did switch transfer to alternate power source?	Yes
While at peak output conditions (150%) under alternate power, record Discharge pressure	105
While at peak output conditions (150%) under alternate power, record Suction pressure	27
While at peak output conditions (150%) under alternate power, record RPM	3558
While at peak output conditions, under alternate power, what was the Amps on all 3 legs? (AB - BC - AC)	80 - 80 - 79
While at peak output conditions, under alternate power, what was the Volts on all 3 legs? (AB - BC - AC)	475 - 475 - 475
After ending simulation, did switch transfer back to normal power source?	Yes
What Color Tag Was Left On This Fire Pump At The Completion Of This Inspection?	Green

Annual Flow Test Results

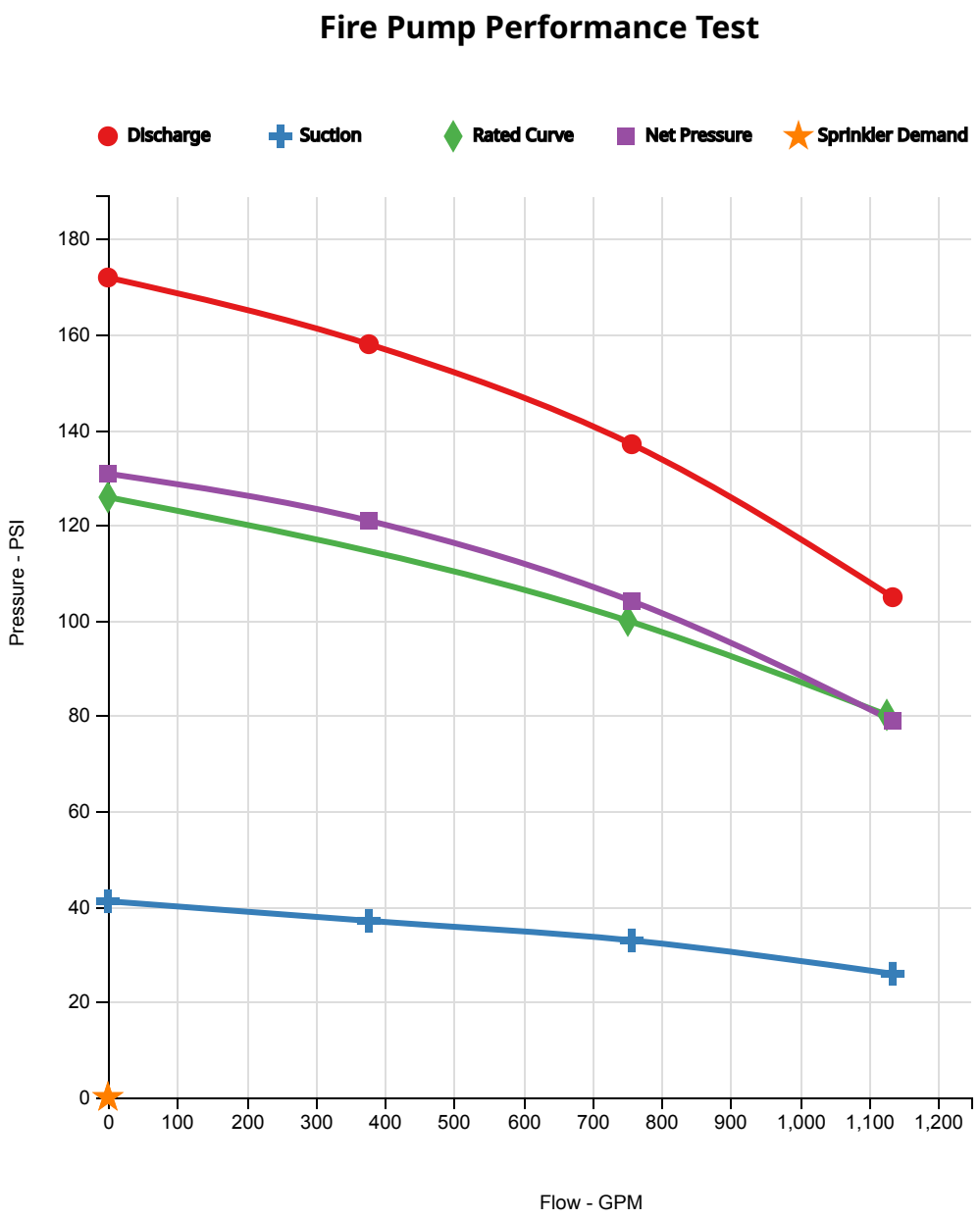
REVOLUTIONS PER MINUTE	DISCHARGE PRESSURE	SUCTION PRESSURE	NET PRESSURE	STREAM NO.	GPM	%	VOLTAGE			AMP READING		
							L1	L2	L3	L1	L2	L3
3579 RPM	172 PSI	41 PSI	131 PSI	0	0	0 %	482	483	481	46	47	44
3569 RPM	158 PSI	37 PSI	121 PSI	1	378	50 %	478	477	477	62	62	60
3558 RPM	137 PSI	33 PSI	104 PSI	2	756	100 %	478	476	477	75	76	73
3555 RPM	105 PSI	26 PSI	79 PSI	3	1134	151 %	478	478	476	80	81	77

FLOW INFORMATION

Hose	50% (Orifice size / Manufacturer of Testing Device)	100% (Orifice size / Manufacturer of Testing Device)	150% (Orifice size / Manufacturer of Testing Device)
Hose 1	1.75 / Hose Monster red	1.75 / Hose Monster red	1.75 / Hose Monster red
Hose 2	—	1.75 / Hose Monster red	1.75 / Hose Monster red
Hose 3	—	—	1.75 / Hose Monster red
Hose 4	—	—	—
Hose 5	—	—	—
Hose 6		—	—
Hose 7		—	—
Hose 8		—	—
Hose 9		—	—
Hose 10		—	—
Hose 11			—
Hose 12			—
Hose 13			—
Hose 14			—
Hose 15			—

INSPECTION RESULTS SUMMARY	
Fire Pump Operating Within Rated Specs	Pass
AMPS Within Rated Specs	Pass
VOLTS Within Rated Specs	Pass
Inspection Results	Pass

MOST DEMANDING SPRK. SYSTEM INFORMATION	
Most demanding system	
GPM	
PSI	


Fire Pump Performance Test
Discharge
Suction
Rated Curve
Net Pressure
Sprinkler Demand
Pressure - PSI
180
160
140
120
100
80
60
40
20
0
0
100
200
300
400
500
600
700
800
900
1,000
1,100
1,200
Flow - GPM

SUPERVISORY-FIRE PUMP LOSS OF POWER								
#	**LOCATION**	**DESCRIPTION**	**ADDRESS**	**DEVICE TYPE**	**BARCODE**	**INSPECTOR**	**DATE OF TEST**	**RESULT**
1	Fire Pump Room	Fire Pump Room (Power Loss)	N19 ZN-2	Supervisory-Fire Pump Loss of Power	111004630	James P. Boyle	05/06/2025	**Passed**

SUPERVISORY-FIRE PUMP RUNNING SUPERVISORY								
#	**LOCATION**	**DESCRIPTION**	**ADDRESS**	**DEVICE TYPE**	**BARCODE**	**INSPECTOR**	**DATE OF TEST**	**RESULT**
1	Fire Pump Room	Fire Pump Room (Pump Running)	N19 ZN-1	Supervisory-Fire Pump Running Supervisory	56352	James P. Boyle	05/06/2025	**Passed**

Inspector Signature	JPBoyle	**Inspector Name**	James Boyle	**Date**	05/06/2025
Signature of the Chief of Safety		**Printed name of the Chief of Safety**	Peter Dalimonte	**Date**	05/06/2025

Terms And Conditions

1. **Limitation of Liability; Limitations Of Remedy.** It is understood and agreed by the Customer that Company is not an insurer and that insurance coverage, if any, shall be obtained by the Customer and that amounts payable to Company hereunder are based upon the value of the services and the scope of liability set forth in this agreement and are unrelated to the value of the Customer's property and the property of others located on the premises. Customer agrees to look exclusively to the Customer's insurer to recover for injuries or damage in the event of any loss or injury and that Customer releases and waives all right of recovery against Company arising by way of subrogation. Company makes no guaranty or Warranty, including any implied warranty of merchantability or fitness for a particular purpose that equipment or services supplied by Company will detect or avert occurrences or the consequences there from that the equipment or service was designed to detect or avert.
It is impractical and extremely difficult to fix the actual damages, if any, which may proximately result from failure on the part of Company to perform any of its obligations under this agreement. Accordingly, Customer agrees that, Company shall be exempt from liability for any loss, damage or injury arising directly or indirectly from occurrences, or the consequences therefrom, which the equipment or service was designed to detect or avert. Should Company be found liable for any loss, damage or injury arising from a failure of the equipment or service in any respect, Company's liability shall be limited to an amount equal to the agreement price (as increased by the price for any additional work) or where the time and material payment term is selected, Customer's time and material payments to Company. Where this agreement covers multiple sites, liability shall be limited to the amount of the payments allocable to the site where the incident occurred. Such sum shall be complete and exclusive. If Customer desires Company to assume greater liability, the parties shall amend this agreement by attaching a rider setting forth the amount of additional liability and the additional amount payable by the Customer for the assumption by Company of such greater liability, provided however that such rider shall in no way be interpreted to hold Company as an insurer. IN NO EVENT SHALL COMPANY BE LIABLE FOR ANY DAMAGE, LOSS, INJURY, OR ANY OTHER CLAIM ARISING FROM ANY SERVICING, ALTERATIONS, MODIFICATIONS, CHANGES, OR MOVEMENTS OF THE COVERED SYSTEM(S) OR ANY OF ITS COMPONENT PARTS BY THE CUSTOMER OR ANY THIRD PARTY. COMPANY SHALL NOT BE LIABLE FOR INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES OF ANY KIND, INCLUDING BUT NOT LIMITED TO DAMAGES ARISING FROM THE USE, LOSS OF THE USE, PERFORMANCE, OR FAILURE OF THE COVERED SYSTEM(S) TO PERFORM. The limitations of liability set forth in this agreement shall inure to the benefit of all parents, subsidiaries and affiliates of Company, whether direct or indirect, Company's employees, agents, officers and directors.
2. **Limited Warranty.** COMPANY WARRANTS THAT ITS WORKMANSHIP AND MATERIAL FURNISHED UNDER THIS AGREEMENT WILL BE FREE FROM DEFECTS FOR A PERIOD OF NINETY (90) DAYS FROM THE DATE OF FURNISHING. Where Company provides product or equipment of others, Company will warrant the product or equipment only to the extent warranted by such third party. EXCEPT AS EXPRESSLY SET FORTH HEREIN, COMPANY DISCLAIMS ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE WITH RESPECT TO THE SERVICES PERFORMED OR THE PRODUCTS, SYSTEMS OR EQUIPMENT, IF ANY, SUPPORTED HEREUNDER. COMPANY MAKES NO WARRANTY OR REPRESENTATION, AND UNDERTAKES NO OBLIGATION TO ENSURE BY THE SERVICES PERFORMED UNDER THIS AGREEMENT, THAT COMPANY'S PRODUCTS OR THE SYSTEMS OR EQUIPMENT OF THE CUSTOMER WILL CORRECTLY HANDLE THE PROCESSING OF CALENDAR DATES BEFORE OR AFTER DECEMBER 31, 1999.
3. **Indemnity.** Customer agrees to indemnify, hold harmless and defend Company against any and all losses, damages, costs, including expert fees and costs, and expenses including reasonable defense costs, arising from any and all third party claims for personal injury, death, property damage or economic loss, including specifically any damages resulting from the exposure of workers to Hazardous Conditions whether or not Customer pre-notifies Company of the existence of said hazardous conditions, arising in any way from any act or omission of Customer or Company relating in any way to this agreement, including but not limited to the Services under this agreement, whether such claims are based upon contract, warranty, tort (including but not limited to active or passive negligence), strict liability or otherwise. Company reserves the right to select counsel to represent it in any such action.
4. **Hazardous Materials.** Customer represents that, except to the extent that Company has been given written notice of the following hazards prior to the execution of this agreement, to the best of Customer's knowledge there is no:
   a. "permit confined space," as defined by OSHA, or space in which work must be performed that, because of its construction, location, contents or work activity therein, accumulation of a hazardous gas, vapour, dust or fume or the creation of a risk of infectious disease
   b. need for air monitoring, respiratory protection, or other medical risk
   c. asbestos, asbestos-containing material, formaldehyde or other potentially toxic or otherwise hazardous material contained in or on the surface of the floors, walls, ceilings, insulation or other structural components of the area of any building
   d. All of the above are hereinafter referred to as "Hazardous Conditions". Company shall have the right to rely on the representations listed above. If hazardous conditions are encountered by Company during the course of Company's work, the discovery of such conditions shall constitute an event beyond Company's control and Company shall have no obligation to further perform in the area where the hazardous conditions exist until the area has been made safe by Customer as certified in writing by an independent testing agency, and Customer shall pay disruption expenses and re-mobilization expenses as determined by Company. This agreement does not provide for the cost of capture, containment or disposal of any hazardous waste materials, or hazardous materials, encountered in any of the Covered System(s) and/or during performance of the Services. Said materials shall at all times remain the responsibility and property of Customer. Company shall not be responsible for the testing, removal or disposal of such hazardous materials.
5. **Equipment Disconnections.** This represents Company's notice to you that the system(s)/device(s) listed on the face of this agreement as temporarily or permanently disconnected are no longer in service and, thus, cannot detect, perform and/or report
6. **General**. Unless otherwise specified, work shall be performed during company's regular business hours,, exclusive of Saturdays, Sundays and Company holidays. All work is subject to review and rebilling in accordance with the terms and conditions of Customer's agreement/contract with Company, if one is in effect. Company shall not be responsible for failure to render services due to causes beyond its control, including but not limited to material shortages, work stoppages, fires, civil disobedience or unrest, severe weather, fire or any other cause beyond the control of Company. Customer is aware that the Limitation of Liability and other provisions set forth in any existing agreement/contract, if one is in effect, or set forth above, apply to services performed and materials supplied. The terms of this agreement shall govern notwithstanding any inconsistent or additional terms and conditions in any purchase order or other document submitted by Customer.

DEVICE NOTE IMAGE APPENDICES

RADIATION SCHEDULE - 140°F AWT

FLOOR	ROOM	HEATING CAPACITY REQUIRED (BTUH)	HEATING CAPACITY PROVIDED (BTUH)	EWT (°F)	LWT (°F)	FLOW (GPM)	TOTAL LENGTH (FT)	BASIS OF DESIGN EQUIPMENT	REMARKS
BASEMENT	LIVING N002 NORTH	4,250	11,840	150	130	1.2	18.5	ZEHNDER RITTLING	1-7
BASEMENT	LIVING N002 SOUTH	3,950	10,880	150	130	1.1	17.0	ZEHNDER RITTLING	1-7
BASEMENT	DOUBLE BEDROOM N003	1,700	4,160	150	130	0.5	6.5	ZEHNDER RITTLING	1-7
BASEMENT	DOUBLE BEDROOM N004	1,450	4,160	150	130	0.5	6.5	ZEHNDER RITTLING	1-7
BASEMENT	DOUBLE BEDROOM N005	1,450	4,160	150	130	0.5	6.5	ZEHNDER RITTLING	1-7
BASEMENT	DOUBLE BEDROOM N006	1,700	4,160	150	130	0.5	6.5	ZEHNDER RITTLING	1-7
BASEMENT	DOUBLE BEDROOM N007	1,450	4,160	150	130	0.5	6.5	ZEHNDER RITTLING	1-7
BASEMENT	DOUBLE BEDROOM N008	1,700	4,160	150	130	0.5	6.5	ZEHNDER RITTLING	1-7
BASEMENT	EXIT PASSAGEWAY N009	800	960	150	130	0.1	1.5	ZEHNDER RITTLING	1-7
BASEMENT	DOUBLE BEDROOM N303	2,550	7,680	150	130	0.8	12.0	ZEHNDER RITTLING	1-7
BASEMENT	DOUBLE BEDROOM N031	2,550	7,040	150	130	0.8	11.0	ZEHNDER RITTLING	1-7
BASEMENT	DOUBLE BEDROOM N032	2,550	7,360	150	130	0.8	11.5	ZEHNDER RITTLING	1-7
BASEMENT	DOUBLE BEDROOM N033	2,550	7,040	150	130	0.8	11.0	ZEHNDER RITTLING	1-7
BASEMENT	HC SINGLE BEDROOM N034	1,850	4,800	150	130	0.5	7.5	ZEHNDER RITTLING	1-7
BASEMENT	SINGLE BEDROOM N035	1,450	4,160	150	130	0.5	6.5	ZEHNDER RITTLING	1-7
BASEMENT	SINGLE BEDROOM N036	1,450	4,480	150	130	0.5	7.0	ZEHNDER RITTLING	1-7
BASEMENT	SINGLE BEDROOM N037	1,450	4,160	150	130	0.5	6.5	ZEHNDER RITTLING	1-7
BASEMENT	DOUBLE BEDROOM N038	2,550	8,320	150	130	0.9	13.0	ZEHNDER RITTLING	1-7
BASEMENT	PUMP ROOM N042	4,150	3,840	150	130	0.4	6.0	ZEHNDER RITTLING	1-8
BASEMENT	CLOSET N040	---	2,880	150	130	0.3	4.5	ZEHNDER RITTLING	1-8
BASEMENT	HC TOILET SB06A	1,350	2,240	150	130	0.3	3.5	ZEHNDER RITTLING	1-8
BASEMENT	FEMALE SECURITY LOCKERS SB06	1,850	3,520	150	130	0.4	5.5	ZEHNDER RITTLING	1-8
BASEMENT	LAUNDRY SB08	2,450	3,520	150	130	0.4	5.5	ZEHNDER RITTLING	1-8
BASEMENT	RECORDS SB13 NORTH	10,800	4,480	150	130	0.5	7.0	ZEHNDER RITTLING	1-8
BASEMENT	RECORDS SB13 SOUTH	9,150	11,520	150	130	1.2	18.0	ZEHNDER RITTLING	1-8
BASEMENT	AUDIO/VISUAL LAB SB24	2,100	2,560	150	130	0.3	4.0	ZEHNDER RITTLING	1-8
BASEMENT	STORAGE SB26	2,100	3,840	150	130	0.4	6.0	ZEHNDER RITTLING	1-8
BASEMENT	HOUSEKEEPING SB25	3,350	3,840	150	130	0.4	6.0	ZEHNDER RITTLING	1-8
BASEMENT	HC TOILET SB28A	2,150	2,240	150	130	0.3	3.5	ZEHNDER RITTLING	1-8
1	PHARMACY	5,500	3,200	150	130	0.4	5.0	ZEHNDER RITTLING	1-8
1	PHARMACY	18,000	35,200	150	130	3.6	55.0	ZEHNDER RITTLING	1-8
1	PHARMACY CORRIDOR	2,250	2,560	150	130	0.3	4.0	ZEHNDER RITTLING	1-8
1	N175 UTILIZATION REVIEW	7,050	17,920	150	130	1.8	28.0	ZEHNDER RITTLING	1-8
1	FAMILY VISITING LOUNGE	3,850	7,040	150	130	0.8	11.0	ZEHNDER RITTLING	1-8
1	OFFICE	3,450	5,440	150	130	0.6	8.5	ZEHNDER RITTLING	1-8
1	OFFICE	2,300	2,240	150	130	0.3	3.5	ZEHNDER RITTLING	1-8
1	S123 CHIEF SECURITY OFFICER	4,500	8,320	150	130	0.9	13.0	ZEHNDER RITTLING	1-8
1	N167 BREAK ROOM	2,750	3,200	150	130	0.4	5.0	ZEHNDER RITTLING	1-8
1	N158 CONFERENCE	6,450	4,480	150	130	0.5	7.0	ZEHNDER RITTLING	1-8
1	N105-C OFFICE	2,250	3,200	150	130	0.4	5.0	ZEHNDER RITTLING	1-8
1	N106-C OFFICE	2,250	3,200	150	130	0.4	5.0	ZEHNDER RITTLING	1-8
1	N107-C OFFICE	2,250	3,200	150	130	0.4	5.0	ZEHNDER RITTLING	1-8
1	N108-C OFFICE	2,250	3,200	150	130	0.4	5.0	ZEHNDER RITTLING	1-8
1	N154A OFFICE	2,250	3,200	150	130	0.4	5.0	ZEHNDER RITTLING	1-8
1	N154 OFFICE	2,250	3,200	150	130	0.4	5.0	ZEHNDER RITTLING	1-8
1	N153 OFFICE	2,250	3,200	150	130	0.4	5.0	ZEHNDER RITTLING	1-8
1	N112 STORAGE	2,250	3,200	150	130	0.4	5.0	ZEHNDER RITTLING	1-8
1	N151 CONFERENCE	9,100	16,000	150	130	1.6	25.0	ZEHNDER RITTLING	1-8
1	N116 MEDICAL RECORDS & UR	9,100	8,000	150	130	0.8	12.5	ZEHNDER RITTLING	1-8
1	N117 MEDICAL RECORDS DRI.	3,500	6,400	150	130	0.7	10.0	ZEHNDER RITTLING	1-8
1	N121 LOBBY	6,050	11,200	150	130	1.2	17.5	ZEHNDER RITTLING	1-8
1	N124 SALLY PORT	3,500	5,760	150	130	0.6	9.0	ZEHNDER RITTLING	1-8
1	N125 SALLY PORT	3,500	5,760	150	130	0.6	9.0	ZEHNDER RITTLING	1-8
1	S102 OFFICE	---	2,880	150	130	0.3	4.5	ZEHNDER RITTLING	1-8
1	S103 OFFICE	---	5,760	150	130	0.6	9.0	ZEHNDER RITTLING	1-8
1	S105 SCHOOL FILES	---	2,560	150	130	0.3	4.0	ZEHNDER RITTLING	1-8
1	S106B NURSES	---	4,160	150	130	0.5	6.5	ZEHNDER RITTLING	1-8
1	S106A DOCTORS	---	5,440	150	130	0.6	8.5	ZEHNDER RITTLING	1-8
1	S134A MEETING	4,650	9,280	150	130	1.0	14.5	ZEHNDER RITTLING	1-8
1	S110 MULTI-PURPOSE	1,300	9,280	150	130	1.0	14.5	ZEHNDER RITTLING	1-7
1	S110 HOMEROOM	7,150	10,880	150	130	1.1	17.0	ZEHNDER RITTLING	1-7
1	S111 MULTIPURPOSE	3,650	5,760	150	130	0.6	9.0	ZEHNDER RITTLING	1-7
1	S112 HOMEROOM	7,150	12,800	150	130	1.3	20.0	ZEHNDER RITTLING	1-7
1	S133 SCHOOL ADMIN	2,350	4,160	150	130	0.5	6.5	ZEHNDER RITTLING	1-8
1	S133A OFFICE PRINCIPAL	2,350	4,160	150	130	0.5	6.5	ZEHNDER RITTLING	1-8
1	S123 COMMONS	9,400	17,920	150	130	1.8	28.0	ZEHNDER RITTLING	1-7
1	S122 HOMEROOM	7,150	8,960	150	130	0.9	14.0	ZEHNDER RITTLING	1-7
1	S121 HOMEROOM	7,150	14,400	150	130	1.5	22.5	ZEHNDER RITTLING	1-7
1	S119 HOMEROOM	7,150	10,880	150	130	1.1	17.0	ZEHNDER RITTLING	1-7
1	S118 HOMEROOM	7,700	10,880	150	130	1.1	17.0	ZEHNDER RITTLING	1-7
1	S113 VESTIBULE	---	3,520	150	130	0.4	5.5	ZEHNDER RITTLING	1-7

RADIATION SCHEDULE - 140°F AWT

FLOOR	ROOM	HEATING CAPACITY REQUIRED (BTUH)	HEATING CAPACITY PROVIDED (BTUH)	EWT (°F)	LWT (°F)	FLOW (GPM)	TOTAL LENGTH (FT)	DESIGN EQUIPMENT	REMARKS
2	N288 ARTS & CRAFTS	---	5,760	150	130	0.6	9.0	ZEHNDER RITTLING	1-7
2	N290 STORAGE	---	2,240	150	130	0.3	3.5	ZEHNDER RITTLING	1-7
2	N291 THERAPY	---	5,760	150	130	0.6	9.0	ZEHNDER RITTLING	1-7
2	N292 INSTRUMENT PRACTICE	---	3,520	150	130	0.4	5.5	ZEHNDER RITTLING	1-7
2	N294 MUSIC ROOM	---	7,040	150	130	0.8	11.0	ZEHNDER RITTLING	1-7
2	N295 THERAPY	---	2,240	150	130	0.3	3.5	ZEHNDER RITTLING	1-7
2	N296 CONFERENCE	---	3,520	150	130	0.4	5.5	ZEHNDER RITTLING	1-7
2	N298 THERAPY	---	3,520	150	130	0.4	5.5	ZEHNDER RITTLING	1-7
2	BETWEEN N275 AND N272	---	4,480	150	130	0.5	7.0	ZEHNDER RITTLING	1-7
2	N272 GROUP THERAPY	---	7,680	150	130	0.8	12.0	ZEHNDER RITTLING	1-7
2	N271 STORAGE	---	2,240	150	130	0.3	3.5	ZEHNDER RITTLING	1-7
2	N267 EXERCISE ROOM	1,450	15,360	150	130	1.6	24.0	ZEHNDER RITTLING	1-7
2	N270 STORAGE	1,950	2,240	150	130	0.3	3.5	ZEHNDER RITTLING	1-7
2	N275 GROUP ACTIVITY	3,050	9,600	150	130	1.0	15.0	ZEHNDER RITTLING	1-7
2	N284 COOKING, NUTRITION SOCIAL SKILLS TRAINING	3,050	13,120	150	130	1.4	20.5	ZEHNDER RITTLING	1-7
2	N286 MECHANICAL/EQUIPMENT ROOM	2,050	3,520	150	130	0.4	5.5	ZEHNDER RITTLING	1-7
2	S206 OFFICE	2,300	3,520	150	130	0.4	5.5	ZEHNDER RITTLING	1-7
2	S208 STORAGE	1,600	2,240	150	130	0.3	3.5	ZEHNDER RITTLING	1-7
2	S215 LIVING/DINING	6,400	8,640	150	130	0.9	13.5	ZEHNDER RITTLING	1-7
2	S215 SECLUSION ROOM	1,600	2,240	150	130	0.3	3.5	ZEHNDER RITTLING	1-7
2	S216 STORAGE	1,600	2,240	150	130	0.3	3.5	ZEHNDER RITTLING	1-7
2	S217 STORAGE	1,600	2,240	150	130	0.3	3.5	ZEHNDER RITTLING	1-7
2	S218 LAUNDRY	1,650	2,240	150	130	0.3	3.5	ZEHNDER RITTLING	1-7
2	S219 SINGLE	2,700	4,800	150	130	0.5	7.5	ZEHNDER RITTLING	1-7
2	S220 SINGLE	1,850	2,880	150	130	0.3	4.5	ZEHNDER RITTLING	1-7
2	S221 SINGLE	1,850	2,880	150	130	0.3	4.5	ZEHNDER RITTLING	1-7
2	S222 SINGLE	2,700	4,800	150	130	0.5	7.5	ZEHNDER RITTLING	1-7
2	S223 SINGLE	1,850	2,880	150	130	0.3	4.5	ZEHNDER RITTLING	1-7
2	S224 SINGLE	1,850	2,880	150	130	0.3	4.5	ZEHNDER RITTLING	1-7
2	S225 SINGLE	1,850	2,880	150	130	0.3	4.5	ZEHNDER RITTLING	1-7
2	S247 SINGLE	2,250	2,240	150	130	0.3	3.5	ZEHNDER RITTLING	1-7
2	S247 SINGLE	2,250	2,240	150	130	0.3	3.5	ZEHNDER RITTLING	1-7
2	S248 SINGLE	3,050	6,080	150	130	0.7	9.5	ZEHNDER RITTLING	1-7
2	S249 SINGLE	3,050	6,080	150	130	0.7	9.5	ZEHNDER RITTLING	1-7
2	S250 SINGLE	3,050	6,080	150	130	0.7	9.5	ZEHNDER RITTLING	1-7
2	S251 SINGLE	1,650	2,240	150	130	0.3	3.5	ZEHNDER RITTLING	1-7
2	S252 SINGLE	1,650	2,240	150	130	0.3	3.5	ZEHNDER RITTLING	1-7
2	S253 SINGLE	1,650	2,240	150	130	0.3	3.5	ZEHNDER RITTLING	1-7
2	S254 SINGLE	1,650	2,240	150	130	0.3	3.5	ZEHNDER RITTLING	1-7
2	S255 BREAK ROOM	3,000	6,080	150	130	0.7	9.5	ZEHNDER RITTLING	1-7
2	S256 ACTIVITY	4,850	8,640	150	130	0.9	13.5	ZEHNDER RITTLING	1-7
2	S257 VISITOR/GROUP	3,050	4,480	150	130	0.5	7.0	ZEHNDER RITTLING	1-7
2	S262 OFFICE	1,650	2,240	150	130	0.3	3.5	ZEHNDER RITTLING	1-7
2	S264 OFFICE	2,050	3,840	150	130	0.4	6.0	ZEHNDER RITTLING	1-7
2	S265 OFFICE	1,950	3,200	150	130	0.4	5.0	ZEHNDER RITTLING	1-7
2	266 SHARED DINING	6,250	12,160	150	130	1.3	19.0	ZEHNDER RITTLING	1-7

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REMARKS

1. ENCLOSURE CUSTOM COLOR SELECTION BY ARCHITECT.
2. PROVIDE FULLY RECESSED 12 GAUGE SECURITY PERFORATED ENCLOSURE.
3. PROVIDE 0.75 TUBE DIA.
4. PROVIDE 48 FINS PER INCH, WITH 4.25"x4.25" FIN SIZE.
5. PROVIDE 1 ROW.
6. PROVIDE EQUAL LENGTHS (FROM TOTAL) OF FIN TUBE CENTERED UNDER EACH WINDOW.
7. PROVIDE FULL LENGTH OF FIN TUBE CENTERED UNDER WINDOW(S).
8. FTR-B SHALL BE 48 FINS PER INCH, WITH 4.25"x4.25" FIN SIZE, FULLY RECESSED NON-SECURITY PERFORATED ENCLOSURE.

NEW YORK STATE OF OPPORTUNITY. Office of General Services

DESIGN & CONSTRUCTION

CONSULTANT:

dwyer ARCHITECTURAL

IBC

IBC # 20079
CERTIFICATE OF AUTHORIZATION
16-1494201

WARNING:

THE ALTERATION OF THIS MATERIAL IN ANY WAY, UNLESS DONE UNDER THE DIRECTION OF A COMPARABLE PROFESSIONAL, I.E. ARCHITECT FOR AN ARCHITECT, ENGINEER FOR AN ENGINEER OR LANDSCAPE ARCHITECT FOR A LANDSCAPE ARCHITECT, IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND/OR REGULATIONS AND IS A CLASS 'A' MISDEMEANOR.

STATE OF NEW YORK · GEOFFREY ERIC MEAD · 080111 · EXP. 04/30/2029 · LICENSED PROFESSIONAL ENGINEER

CONTRACT: HVAC

TITLE: REHABILITATE ADULT LIVING UNITS & HEATING SYSTEM UPGRADES, BUILDING 62

LOCATION: BUFFALO PSYCHIATRIC CENTER 400 FOREST AVE, BUFFALO, NEW YORK

CLIENT: NEW YORK STATE OFFICE OF MENTAL HEALTH

MARK	DATE	DESCRIPTION:
1	MAY 28, 2026	ADDENDUM NO. 03
	SEPT. 17, 2025	BID DOCUMENTS

PROJECT NUMBER: 46103 - H

DESIGNED BY: RNB/ACC

DRAWN BY: PP/MMB

FIELD CHECK:

APPROVED BY:

SHEET TITLE: **HVAC SCHEDULES**

DRAWING NUMBER: **M-604**

SHEET OF

RADIATION SCHEDULE - 140°F AWT

FLOOR	ROOM	HEATING CAPACITY REQUIRED (BTUH)	HEATING CAPACITY PROVIDED (BTUH)	EWT (°F)	LWT (°F)	FLOW (GPM)	TOTAL LENGTH (FT)	DESIGN EQUIPMENT	REMARKS
3	N388 CLASSROOM	---	5,760	150	130	0.6	9.0	ZEHNDER RITTLING	1-7
3	N392 CLINIC ASSESSMENT	---	8,000	150	130	0.8	12.5	ZEHNDER RITTLING	1-7
3	N393 OFFICE	---	3,520	150	130	0.4	5.5	ZEHNDER RITTLING	1-7
3	N394 WORKROOM	---	7,040	150	130	0.8	11.0	ZEHNDER RITTLING	1-7
3	N395 OFFICE	---	2,240	150	130	0.3	3.5	ZEHNDER RITTLING	1-7
3	N396 ACTIVITY	---	7,040	150	130	0.8	11.0	ZEHNDER RITTLING	1-7
3	N367 SOCIAL SKILLS TRAINING	1,450	13,760	150	130	1.4	21.5	ZEHNDER RITTLING	1-7
3	N373 COMPUTER TRAINING	2,450	7,680	150	130	0.8	12.0	ZEHNDER RITTLING	1-7
3	BETWEEN N275 AND N272		4,480	150	130	0.5	7.0	ZEHNDER RITTLING	1-7
3	N375 SKILL TRAINING	3,050	9,600	150	130	1.0	15.0	ZEHNDER RITTLING	1-7
3	N384 COOKING, NUTRITION, SOCIAL SKILLS TRAINING	3,050	13,120	150	130	1.4	20.5	ZEHNDER RITTLING	1-7
3	N385 OFFICE	2,250	3,520	150	130	0.4	5.5	ZEHNDER RITTLING	1-7
3	S359 OFFICE	2,300	3,520	150	130	0.4	5.5	ZEHNDER RITTLING	1-7
3	S304B STORAGE	1,600	2,240	150	130	0.3	3.5	ZEHNDER RITTLING	1-7
3	S304 LIVING/DINING	6,400	8,640	150	130	0.9	13.5	ZEHNDER RITTLING	1-7
3	S305 SECLUSION ROOM	1,600	2,240	150	130	0.3	3.5	ZEHNDER RITTLING	1-7
3	S306 STORAGE	1,600	2,240	150	130	0.3	3.5	ZEHNDER RITTLING	1-7
3	S307 STORAGE	1,600	2,240	150	130	0.3	3.5	ZEHNDER RITTLING	1-7
3	S308 LAUNDRY	1,650	2,240	150	130	0.3	3.5	ZEHNDER RITTLING	1-7
3	S309 SINGLE BEDROOM	2,700	4,800	150	130	0.5	7.5	ZEHNDER RITTLING	1-7
3	S310 HC SINGLE BEDROOM	1,850	2,880	150	130	0.3	4.5	ZEHNDER RITTLING	1-7
3	S311 SINGLE BEDROOM	1,850	2,880	150	130	0.3	4.5	ZEHNDER RITTLING	1-7
3	S313 SINGLE BEDROOM	2,700	4,800	150	130	0.5	7.5	ZEHNDER RITTLING	1-7
3	S314 SINGLE BEDROOM	1,850	2,880	150	130	0.3	4.5	ZEHNDER RITTLING	1-7
3	S315 SINGLE BEDROOM	1,850	2,880	150	130	0.3	4.5	ZEHNDER RITTLING	1-7
3	S316 SINGLE BEDROOM	1,850	2,880	150	130	0.3	4.5	ZEHNDER RITTLING	1-7
3	S338 OFFICE	1,950	3,200	150	130	0.4	5.0	ZEHNDER RITTLING	1-7
3	S339 OFFICE	2,500	3,840	150	130	0.4	6.0	ZEHNDER RITTLING	1-7
3	S340 OFFICE	1,650	2,240	150	130	0.3	3.5	ZEHNDER RITTLING	1-7
3	S341 VISITOR/GROUP	3,050	4,480	150	130	0.5	7.0	ZEHNDER RITTLING	1-7
3	S342 ACTIVITY	4,850	8,640	150	130	0.9	13.5	ZEHNDER RITTLING	1-7
3	S343 BREAK ROOM	3,000	6,080	150	130	0.7	9.5	ZEHNDER RITTLING	1-7
3	S344 SINGLE BEDROOM	1,650	2,240	150	130	0.3	3.5	ZEHNDER RITTLING	1-7
3	S345 SINGLE BEDROOM	1,650	2,240	150	130	0.3	3.5	ZEHNDER RITTLING	1-7
3	S346 SINGLE BEDROOM	1,650	2,240	150	130	0.3	3.5	ZEHNDER RITTLING	1-7
3	S347 SINGLE BEDROOM	1,650	2,240	150	130	0.3	3.5	ZEHNDER RITTLING	1-7
3	S348 SINGLE BEDROOM	3,050	6,080	150	130	0.7	9.5	ZEHNDER RITTLING	1-7
3	S349 SINGLE BEDROOM	3,050	6,080	150	130	0.7	9.5	ZEHNDER RITTLING	1-7
3	S350 SINGLE BEDROOM	3,050	6,080	150	130	0.7	9.5	ZEHNDER RITTLING	1-7
3	S351 SINGLE BEDROOM	2,250	2,240	150	130	0.3	3.5	ZEHNDER RITTLING	1-7
3	S352 SINGLE BEDROOM	2,250	2,240	150	130	0.3	3.5	ZEHNDER RITTLING	1-7
3	366 SHARED DINING	6,250	12,160	150	130	1.3	19.0	ZEHNDER RITTLING	1-7

REMARKS

1. ENCLOSURE CUSTOM COLOR SELECTION BY ARCHITECT.
2. PROVIDE FULLY RECESSED 12 GAUGE SECURITY PERFORATED ENCLOSURE.
3. PROVIDE 0.75 TUBE DIA.
4. PROVIDE 48 FINS PER INCH, WITH 4.25"x4.25" FIN SIZE.
5. PROVIDE 1 ROW.
6. PROVIDE EQUAL LENGTHS (FROM TOTAL) OF FIN TUBE CENTERED UNDER EACH WINDOW.
7. PROVIDE FULL LENGTH OF FIN TUBE CENTERED UNDER WINDOW(S).
8. FTR-B SHALL BE 48 FINS PER INCH, WITH 4.25"x4.25" FIN SIZE, FULLY RECESSED NON-SECURITY PERFORATED ENCLOSURE.

RADIATION SCHEDULE - 140°F AWT

FLOOR	ROOM	HEATING CAPACITY REQUIRED (BTUH)	HEATING CAPACITY PROVIDED (BTUH)	EWT (°F)	LWT (°F)	FLOW (GPM)	TOTAL LENGTH (FT)	DESIGN EQUIPMENT	REMARKS
4	N467 UNIT CHIEF OFFICE	4,250	8,960	150	130	0.9	14.0	ZEHNDER RITTLING	1-7
4	N469 CLERICAL STAFF	2,050	6,080	150	130	0.7	9.5	ZEHNDER RITTLING	1-7
4	N470 UNIT CHIEF OFFICE	3,200	2,240	150	130	0.3	3.5	ZEHNDER RITTLING	1-7
4	N473 STAFF OFFICE ROOM	4,250	7,680	150	130	0.8	12.0	ZEHNDER RITTLING	1-7
4	N474 TTL OFFICE	3,150	4,480	150	130	0.5	7.0	ZEHNDER RITTLING	1-7
4	N475 TTL OFFICE	3,150	4,480	150	130	0.5	7.0	ZEHNDER RITTLING	1-7
4	N476 OFFICE	1,800	2,880	150	130	0.3	4.5	ZEHNDER RITTLING	1-7
4	N477 OFFICE	1,800	2,240	150	130	0.3	3.5	ZEHNDER RITTLING	1-7
4	N478 OFFICE	2,800	2,240	150	130	0.3	3.5	ZEHNDER RITTLING	1-7
4	N479 OFFICE	1,800	2,240	150	130	0.3	3.5	ZEHNDER RITTLING	1-7
4	N480 OFFICE	1,800	2,240	150	130	0.3	3.5	ZEHNDER RITTLING	1-7
4	N481 OFFICE	2,800	4,160	150	130	0.5	6.5	ZEHNDER RITTLING	1-7
4	N482 OFFICE	1,800	2,240	150	130	0.3	3.5	ZEHNDER RITTLING	1-7
4	483 EMPLOYEE BREAK ROOM	2,050	3,520	150	130	0.4	5.5	ZEHNDER RITTLING	1-7
4	N497 OFFICE	1,850	2,240	150	130	0.3	3.5	ZEHNDER RITTLING	1-7
4	N498 OFFICE	1,850	2,240	150	130	0.3	3.5	ZEHNDER RITTLING	1-7
4	N499 OFFICE	1,850	2,240	150	130	0.3	3.5	ZEHNDER RITTLING	1-7
4	N4100 OFFICE	2,700	3,520	150	130	0.4	5.5	ZEHNDER RITTLING	1-7
4	N4101 OFFICE	1,850	2,240	150	130	0.3	3.5	ZEHNDER RITTLING	1-7
4	N4102 OFFICE	1,850	2,240	150	130	0.3	3.5	ZEHNDER RITTLING	1-7
4	N4103 OFFICE	2,700	3,520	150	130	0.4	5.5	ZEHNDER RITTLING	1-7
4	N4104 TTL OFFICE	1,850	2,240	150	130	0.3	3.5	ZEHNDER RITTLING	1-7
4	N4105 TTL OFFICE	1,850	2,240	150	130	0.3	3.5	ZEHNDER RITTLING	1-7
4	N4106 TTL OFFICE	2,700	3,520	150	130	0.4	5.5	ZEHNDER RITTLING	1-7
4	N4107 OFFICE: UNIT CHIEF	3,200	4,480	150	130	0.5	7.0	ZEHNDER RITTLING	1-7
4	N4110 CLERICAL STAFF	3,200	4,480	150	130	0.5	7.0	ZEHNDER RITTLING	1-7
4	N4111 OFFICE UNIT CHIEF	3,200	3,840	150	130	0.4	6.0	ZEHNDER RITTLING	1-7
4	S404B STORAGE	1,600	2,240	150	130	0.3	3.5	ZEHNDER RITTLING	1-7
4	S404 LIVING/DINING	6,400	8,640	150	130	0.9	13.5	ZEHNDER RITTLING	1-7
4	S405 SECLUSION ROOM	1,600	2,240	150	130	0.3	3.5	ZEHNDER RITTLING	1-7
4	S406 STORAGE	1,600	2,240	150	130	0.3	3.5	ZEHNDER RITTLING	1-7
4	S407 STORAGE	1,600	2,240	150	130	0.3	3.5	ZEHNDER RITTLING	1-7
4	S408 LAUNDRY	1,600	2,240	150	130	0.3	3.5	ZEHNDER RITTLING	1-7
4	S409 SINGLE BEDROOM	2,700	4,800	150	130	0.5	7.5	ZEHNDER RITTLING	1-7
4	S410 HC SINGLE BEDROOM	1,850	2,880	150	130	0.3	4.5	ZEHNDER RITTLING	1-7
4	S411 SINGLE BEDROOM	1,850	2,880	150	130	0.3	4.5	ZEHNDER RITTLING	1-7
4	S413 SINGLE BEDROOM	2,700	4,800	150	130	0.5	7.5	ZEHNDER RITTLING	1-7
4	S414 SINGLE BEDROOM	1,850	2,880	150	130	0.3	4.5	ZEHNDER RITTLING	1-7
4	S415 SINGLE BEDROOM	1,850	2,880	150	130	0.3	4.5	ZEHNDER RITTLING	1-7
4	S416 SINGLE BEDROOM	1,850	2,880	150	130	0.3	4.5	ZEHNDER RITTLING	1-7
4	S438 OFFICE	1,650	3,200	150	130	0.4	5.0	ZEHNDER RITTLING	1-7
4	S439 OFFICE	2,500	3,840	150	130	0.4	6.0	ZEHNDER RITTLING	1-7
4	S440 OFFICE	1,950	2,240	150	130	0.3	3.5	ZEHNDER RITTLING	1-7
4	S441 VISITOR/GROUP	3,050	4,480	150	130	0.5	7.0	ZEHNDER RITTLING	1-7
4	S442 ACTIVITY	4,850	8,640	150	130	0.9	13.5	ZEHNDER RITTLING	1-7
4	S443 BREAK ROOM	3,000	6,080	150	130	0.7	9.5	ZEHNDER RITTLING	1-7
4	S444 SINGLE BEDROOM	1,650	2,240	150	130	0.3	3.5	ZEHNDER RITTLING	1-7
4	S445 SINGLE BEDROOM	1,650	2,240	150	130	0.3	3.5	ZEHNDER RITTLING	1-7
4	S446 SINGLE BEDROOM	1,650	2,240	150	130	0.3	3.5	ZEHNDER RITTLING	1-7
4	S447 SINGLE BEDROOM	1,650	2,240	150	130	0.3	3.5	ZEHNDER RITTLING	1-7
4	S448 SINGLE BEDROOM	3,050	6,080	150	130	0.7	9.5	ZEHNDER RITTLING	1-7
4	S449 SINGLE BEDROOM	3,050	6,080	150	130	0.7	9.5	ZEHNDER RITTLING	1-7
4	S450 SINGLE BEDROOM	3,050	6,080	150	130	0.7	9.5	ZEHNDER RITTLING	1-7
4	S451 SINGLE BEDROOM	2,250	2,240	150	130	0.3	3.5	ZEHNDER RITTLING	1-7
4	S452 SINGLE BEDROOM	2,250	2,240	150	130	0.3	3.5	ZEHNDER RITTLING	1-7
4	S459 OFFICE	2,300	3,520	150	130	0.4	5.5	ZEHNDER RITTLING	1-7
4	466 SHARED DINING	6,250	12,160	150	130	1.3	19.0	ZEHNDER RITTLING	1-7

NEW YORK STATE OF OPPORTUNITY. Office of General Services

DESIGN & CONSTRUCTION

CONSULTANT:

dwyer ARCHITECTURAL

IBC # 20079
CERTIFICATE OF AUTHORIZATION
16-1494201

WARNING:

THE ALTERATION OF THIS MATERIAL IN ANY WAY, UNLESS DONE UNDER THE DIRECTION OF A COMPARABLE PROFESSIONAL, I.E. ARCHITECT FOR AN ARCHITECT, ENGINEER FOR AN ENGINEER OR LANDSCAPE ARCHITECT FOR A LANDSCAPE ARCHITECT, IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND/OR REGULATIONS AND IS A CLASS 'A' MISDEMEANOR.

STATE OF NEW YORK · GEOFFREY ERIC MEAD · 080111 · EXP. 04/30/2029 · LICENSED PROFESSIONAL ENGINEER

CONTRACT:
HVAC

TITLE:
REHABILITATE ADULT LIVING UNITS & HEATING SYSTEM UPGRADES, BUILDING 62

LOCATION:
BUFFALO PSYCHIATRIC CENTER
400 FOREST AVE, BUFFALO, NEW YORK

CLIENT:
NEW YORK STATE OFFICE OF MENTAL HEALTH

MARK	DATE	DESCRIPTION:
1	MAY 28, 2026	ADDENDUM NO. 03
	SEPT. 17, 2025	BID DOCUMENTS

PROJECT NUMBER:	46103 - H
DESIGNED BY:	RNB/ACC
DRAWN BY:	PP/MMB
FIELD CHECK:	
APPROVED BY:	

SHEET TITLE:
HVAC SCHEDULES

DRAWING NUMBER:
M-605

SHEET OF