DOCUMENT 009113.01 – ADDENDUM NO. 1

1.1 NOTICE TO BIDDERS

A. This Addendum is issued to all registered plan holders pursuant to the Instructions to Bidders and Conditions of the Contract. This Addendum serves to clarify, revise, and supersede information in the Project Manual, Drawings, and previously issued Addenda. Portions of the Addendum affecting the Contract Documents will be incorporated into the Contract by enumeration of the Addendum in the Owner/Contractor Agreement.

B. The Bidder shall acknowledge receipt of this Addendum in the appropriate space on the Bid Form.

1.2 PRE-BID MEETING

A. Pre-Bid meeting conducted on April 23, 2024 in accordance with Document 002513.

1.3 REQUESTS FOR INTERPRETATION

A. The following responses to questions submitted and modifications to the Scope of Work included in the Clarifications (Answers) by the Architect/Engineer are hereby incorporated into the Bidding Documents.

1. RFI: Drawing A203 Exterior Alterations - Alternate is listed on the drawing cover sheet but is not in the drawing set that was issued to bidders. Please provide.

   a. RESPONSE: Drawing A203 included in attachments – reference Contract No. 1 Alternate No. 2.

2. RFI: Specifications 002213 Supplementary Instructions to Bidders and 071113 Bituminous Damp-Proofing are listed on the Table of Contents but were not provided in the full set of specifications that were issued to bidders.

   a. RESPONSE: Document 002213 Supplementary Instructions to Bidders not used and should be omitted. All requirements for Instructions to Bidders have been included in Document 002113.01 - A701-2018 Instructions to Bidders.

   b. RESPONSE: Section 071113 Bituminous Damp-Proofing has been replaced by Section 071326 - Self-Adhering Sheet Dampproofing.

3. RFI: Spec Section 221316 3.10 indicates in the piping schedule that PVC is allowed. Can you please confirm that PVC is permitted for both above and under slab piping, or should it be cast iron?

   a. RESPONSE: Provide PVC pipe and DWV fittings for both above grade and below slab sanitary waste and vent piping.

4. RFI: The door hardware schedule does not match the door schedule on sheet A2. Please advise.

a. Refer to Drawing A601 Door Schedule for Hardware Sets corresponding with door hardware in accordance with Door Hardware Schedule in Section 087111-3.7.

5. RFI: The Basis of Design access floor system is a Tate All-Steel 1250 access floor panel supported by a Posi-Lock Understructure. A Tate ConCore 1250 panel is suggested in lieu of an All-Steel 1250 in 911 Call Centers as the ConCore panel is cementious filled and reduces noise transfer inherent in a hollow steel panel.

   a. RESPONSE: Provide equivalent ConCore 1250 panel.

6. RFI: Spec Section 011200 1.6(A)3 indicates that the GC is to provide any trenching for other trades, and 1.6(A)9 indicates the GC is to provide patching for other trades. Drawing P001 Note #4 directs to plumber to provide all excavation, backfill and compaction, and Note #6 states the plumber to provide own cutting, patching, cutting, etc. Can you please clarify which contract is provide cutting, excavation, bedding, backfilling, patching for the plumbing scope of work?

   a. RESPONSE: In accordance with Section 011200 Multiple Contract Summary, trenches and other excavation for the work of **each contract** shall be the work of the **General Construction Contract**. Underground sanitary waste and stormwater drainage is to be provided by the **Plumbing Contract**.

      In accordance with Section 011200 Multiple Contract Summary, **each contract** shall perform its own cutting; patching shall be under the **General Construction Contract**. Through-penetration firestopping for the work of each contract shall be provided **each contract for its own work**.

7. RFI: I wanted to confirm that we cannot provide a proposal for Stulz cooling for an alternate to Liebert?

   a. RESPONSE: Refer to Section 016000 - Product Requirements for evaluation of comparable products. Where basis of design performance requirements cannot otherwise be met, refer to Document 002600-Procurement Substitution Procedures prior to receipt of bids.

8. RFI: I was looking for the specs for the APC 40 kVA UPS in the job specs, but I can't seem to find anything. Would you be able to supply the spec or can you tell me if the UPS pre-purchased?

   a. The part number for the UPS basis of design to be provided by the Electrical Contractor is indicated on the 1/E700 Electrical One-Line diagram. The corresponding part numbers for the bypass and battery cabinet indicated to be provided on 1/E101 are as follows:
      1) GVSBPSU80G Galaxy VS Maintenance Bypass Cabinet, UL, Single-Unit 10-40kW 208V, 20-80 kW 480V.
      2) GVSCBT3 Galaxy VS Classic Battery Cabinet, UL, Type 3.
      3) GVSOPT001 Galaxy VS Air Filter Kit.

9. RFI: Is the bid date going to remain as 5/2? This project was just posted on BidNet, and that only gives us two weeks.

   a. RESPONSE: Owner will receive sealed lump sum bids, including unit prices, alternates, and allowances, until **2:00 p.m., local time on Thursday, May 2, 2024.**

In accordance with the Instructions to Bidders Addenda may be issued at any time prior to the receipt of bids, including an Addendum withdrawing the request for Bids or one which includes postponement of the date for receipt of Bids.

1.4 CHANGES TO PROJECT MANUAL

A. Document 000110 - Table of Contents: Delete reference to Document 002213 Supplementary Instructions to Bidders.

B. Document 000110 - Table of Contents: Replace reference to Section 071113 Bituminous Damp-Proofing with Section 071326 - Self-Adhering Sheet Dampproofing.

C. Document 003126 - Existing Hazardous Material Information: Based upon report received by the Owner it is not expected that hazardous materials will be encountered in the Work.

1.5 CHANGES TO DRAWINGS

A. Drawing G001 Code Compliance and Life Safety Plan revised as follows:
   1. Added COMcheck & Existing Building Code Compliance Notes

B. Drawing A302 – Building Sections revised as follows:
   1. Added Detail 5/A302 Access Floor Panel Detail.

C. Drawing A601 Door and Window Schedules revised as follows:
   1. Revised Hardware Sets Updated on Door Schedule.
   2. Revised Jamb Details 2 & 3.

D. Drawing P001 Note #4 revised as follows: PROVIDE ALL UNDERGROUND SANITARY WASTE AND STORMWATER DRAINAGE TO A POINT 5'-0" OUTSIDE THE BUILDING

E. Drawing P001 Note #6 revised as follows: PROVIDE CUTTING AND CORING OF WALLS, SLABS AND DECKS AS REQUIRED FOR WORK SHOWN. COORDINATE PATCHING PERFORMED UNDER THE GENERAL CONSTRUCTION CONTRACT.

F. Drawing M602 Mechanical Schedules – ERV Schedule Added.

1.6 ATTACHMENTS

A. Pre-Bid meeting sign-in sheet including list of meeting attendees.

B. Drawings:
   1. Drawing G001 - Code Compliance and Life Safety Plan – Rev.1.
   2. Drawing A203 - Exterior Alterations Alternate.
   3. Drawing A302 – Building Sections – Rev. 1
   4. Drawing A601 - Door and Window Schedules – Rev.1.
   5. Drawing M602 - Mechanical Schedules – Rev. 1.

END OF DOCUMENT 009113.01

Pre-Bid Meeting Sign-In Sheet

Project: Columbia County - 911 Call Center Addition

Location: 50 Grandinetti Drive, Ghent, NY 12075

Date: Tuesday, April 23, 2024

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(518) 439-8235
www.labellapc.com

Name	Company	Email
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Robert Tomlins	AMC Construction Management	rtomlins@amcontracting.com
Bruce Harris	MXA	bruceh@MXA-US.com
Doug Schoonmaker	Gallo Construction	DSchoonmaker@Gallogc.com
Caitlin Beaudry	BBA - Bonacquisti Bros. Const	caitlinb@bonbrosconst.com
John Bonacquisti	BBA-Bonacquisti Bros Const	
Casey Sumner	O'connell Electric	casey.sumner@Oconnellelectric.com
Ryan Konow	Kasselman Electric	ryanK@kasselmanelectric.com
Kyle Cuomo	Mid Hudson Construction Management	estimating@Midhudsoncm.com
Eleanor Pelc	DJ HVAC	cad@djhvac.com

COMcheck Software Version COMcheckWeb
Envelope Compliance Certificate

Project Information

Energy Code:	2020 New York State Energy Conservation Construction Code
Project Title:	Columbia County 911 Call Center Addition
Location:	Chatham, New York
Climate Zone:	5a
Project Type:	Addition
Vertical Glazing / Wall Area:	6%

Construction Site:
50 GRANDINETTI DR
GHENT, New York 12075

Owner/Agent:

Designer/Contractor:
LABELLA ASSOCIATES
4 BRITISH AMERICAN BLVD
LATHAM, New York 12110
518-273-0055

Building Area	Floor Area
1-Office : Nonresidential	4060

Envelope Assemblies

Assembly	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	Proposed U-Factor	Budget U-Factor...
Roof: Insulation Entirely Above Deck, [Bldg. Use 1 - Office]	2945	---	36.0	0.028	0.032
Floor: Unheated Slab-On-Grade, Vertical 4 ft., [Bldg. Use 1 - Office] (c)	228	---	10.0	0.480	0.540
NORTH					
Ext. Wall C: Steel-Framed, 16in. o.c., [Bldg. Use 1 - Office]	81	21.0	17.5	0.037	0.064
Ext. Wall E: Steel-Framed, 16in. o.c., [Bldg. Use 1 - Office]	241	21.0	17.5	0.037	0.064
EAST					
Ext. Wall B: Steel-Framed, 16in. o.c., [Bldg. Use 1 - Office]	610	21.0	17.5	0.037	0.064
Window A-1: Metal Frame with Thermal Break: Fixed, Perf. Specs.: Product ID Code Min Fixed, SHGC 0.38, [Bldg. Use 1 - Office] (b)	16	---	---	0.450	0.380
Window A-2: Metal Frame with Thermal Break: Operable, Perf. Specs.: Product ID Code Min Operable, SHGC 0.38, [Bldg. Use 1 - Office] (b)	3	---	---	0.450	0.450
Window A-2: Metal Frame with Thermal Break: Operable, Perf. Specs.: Product ID Code Min Operable, SHGC 0.38, [Bldg. Use 1 - Office] (b)	3	---	---	0.450	0.450
Window A-1: Metal Frame with Thermal Break: Fixed, Perf. Specs.: Product ID Code Min Fixed, SHGC 0.38, [Bldg. Use 1 - Office] (b)	16	---	---	0.450	0.380
Window A-2: Metal Frame with Thermal Break: Operable, Perf. Specs.: Product ID Code Min Operable, SHGC 0.38, [Bldg. Use 1 - Office] (b)	3	---	---	0.450	0.450
Window A-2: Metal Frame with Thermal Break: Operable, Perf. Specs.: Product ID Code Min Operable, SHGC 0.38, [Bldg. Use 1 - Office] (b)	3	---	---	0.450	0.450
Window A-1: Metal Frame with Thermal Break: Fixed, Perf. Specs.: Product ID Code Min Fixed, SHGC 0.38, [Bldg. Use 1 - Office] (b)	16	---	---	0.450	0.380
Window A-2: Metal Frame with Thermal Break: Operable, Perf. Specs.: Product ID Code Min Operable, SHGC 0.38, [Bldg. Use 1 - Office] (b)	3	---	---	0.450	0.450
Window A-2: Metal Frame with Thermal Break: Operable, Perf. Specs.: Product ID Code Min Operable, SHGC 0.38, [Bldg. Use 1 - Office] (b)	3	---	---	0.450	0.450
Ext. Wall D: Steel-Framed, 16in. o.c., [Bldg. Use 1 - Office]	600	21.0	17.5	0.037	0.064
Window B-1: Metal Frame with Thermal Break: Fixed, Perf. Specs.: Product ID Code Min Fixed, SHGC 0.38, [Bldg. Use 1 - Office] (b)	10	---	---	0.450	0.380
Window B-2: Metal Frame with Thermal Break: Operable, Perf. Specs.: Product ID Code Min Operable, SHGC 0.38, [Bldg. Use 1 - Office] (b)	4	---	---	0.450	0.450
Window D: Metal Frame with Thermal Break: Operable, Perf. Specs.: Product ID Code Min Operable, SHGC 0.38, [Bldg. Use 1 - Office] (b)	9	---	---	0.450	0.450
Window D: Metal Frame with Thermal Break: Operable, Perf. Specs.: Product ID Code Min Operable, SHGC 0.38, [Bldg. Use 1 - Office] (b)	9	---	---	0.450	0.450
Window B-1: Metal Frame with Thermal Break: Fixed, Perf. Specs.: Product ID Code Min Fixed, SHGC 0.38, [Bldg. Use 1 - Office] (b)	10	---	---	0.450	0.380
Window B-2: Metal Frame with Thermal Break: Operable, Perf. Specs.: Product ID Code Min Operable, SHGC 0.38, [Bldg. Use 1 - Office] (b)	4	---	---	0.450	0.450
SOUTH					
Ext. Wall A: Steel-Framed, 16in. o.c., [Bldg. Use 1 - Office]	596	21.0	17.5	0.037	0.064
Window A-1: Metal Frame with Thermal Break: Fixed, Perf. Specs.: Product ID Code Min Fixed, SHGC 0.38, [Bldg. Use 1 - Office] (b)	16	---	---	0.450	0.380
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Window A-1: Metal Frame with Thermal Break: Fixed, Perf. Specs.: Product ID Code Min Fixed, SHGC 0.38, [Bldg. Use 1 - Office] (b)	16	---	---	0.450	0.380
Window A-2: Metal Frame with Thermal Break: Operable, Perf. Specs.: Product ID Code Min Operable, SHGC 0.38, [Bldg. Use 1 - Office] (b)	3	---	---	0.450	0.450
Window A-2: Metal Frame with Thermal Break: Operable, Perf. Specs.: Product ID Code Min Operable, SHGC 0.38, [Bldg. Use 1 - Office] (b)	3	---	---	0.450	0.450
Ext. Wall A-1: Solid Concrete, Bin. Thickness, Normal Density, Furring: Metal, [Bldg. Use 1 - Office]	44	13.0	7.5	0.069	0.090
Ext. Wall H: Steel-Framed, 16in. o.c., [Bldg. Use 1 - Office]	235	21.0	17.5	0.037	0.064
WEST					
Ext. Wall F: Steel-Framed, 16in. o.c., [Bldg. Use 1 - Office]	395	21.0	17.5	0.037	0.064
Window C: Metal Frame with Thermal Break: Fixed, Perf. Specs.: Product ID Code Min Fixed, SHGC 0.38, PF 3.78, [Bldg. Use 1 - Office] (b)	9	---	---	0.450	0.380
Ext. Wall G: Steel-Framed, 16in. o.c., [Bldg. Use 1 - Office]	583	21.0	17.5	0.037	0.064
Window D: Metal Frame with Thermal Break: Operable, Perf. Specs.: Product ID Code Min Operable, SHGC 0.38, [Bldg. Use 1 - Office] (b)	9	---	---	0.450	0.450
Window D: Metal Frame with Thermal Break: Operable, Perf. Specs.: Product ID Code Min Operable, SHGC 0.38, [Bldg. Use 1 - Office] (b)	9	---	---	0.450	0.450
Window C: Metal Frame with Thermal Break: Fixed, Perf. Specs.: Product ID Code Min Fixed, SHGC 0.38, PF 3.78, [Bldg. Use 1 - Office] (b)	9	---	---	0.450	0.380
Ext. Wall F-1: Solid Concrete, Bin. Thickness, Normal Density, Furring: Metal, [Bldg. Use 1 - Office]	300	13.0	7.5	0.069	0.090

(a) Budget U-factors are used for software baseline calculations ONLY, and are not code requirements.
(b) Fenestration product performance must be certified in accordance with NFRC and requires supporting documentation.
(c) Slab-On-Grade proposed and budget U-factors shown in table are F-factors.

Envelope PASSES: Design 20% better than code

Envelope Compliance Statement

Compliance Statement: The proposed envelope design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed envelope systems have been designed to meet the 2020 New York State Energy Conservation Construction Code requirements in COMcheck Version COMcheckWeb and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Name - Title Signature Date

2020 ENERGY CONSERVATION CONSTRUCTION CODE OF NYS		
THE WORK SHALL COMPLY WITH THE ENERGY CONSERVATION CODE OF NEW YORK STATE - LATEST EDITION		
2020 ECCCNYS CODE TABLE C402.4 AND C402.1.3		
BUILDING ENVELOPE REQUIREMENTS (COLUMBIA COUNTY - CLIMATE ZONE 5A) GLAZED AREA OVER 25% BUT NOT GREATER THAN 40%	REQUIRED:	PROVIDED:
SLAB ON GRADE (UNHEATED)	R-10 FOR 24" BELOW	R-10 (2" XPS INS)
WALLS BELOW GRADE	R-7.5ci	R-10ci (2" XPS INS)
FLOORS - MASS	R-10ci	
FLOORS - JOISTS/FRAMING	R-30	R-30
WINDOWS AND GLASS DOORS	U-0.38 Fixed U-0.45 Operable U-0.77 Entrance Doors SHGC-0.38 PF<0.2 SHGC-0.36 0.2≤PF<0.5 SHGC-0.61 PF≥0.5	U-0.38 Min. U-0.45 Min. U-0.77 Min. SHGC-0.38 Min. SHGC-0.36 Min. SHGC-0.61 Min.
MASS WALL ABOVE GRADE	R-11.4ci	R-11.4ci Min.
METAL FRAMED WALL	R-13 + R-7.5ci or R-20	R-21 + R-17.5ci
ROOF (INSULATION ENTIRELY ABOVE DECK)	R-30ci	R-30ci

2020 EXISTING BUILDING CODE OF NEW YORK STATE

EB301.3.2 Work area compliance method. Alterations, additions, and changes of occupancy complying with the applicable requirements of Chapter EB6 through Chapter EB12 of this code.

EB302.6 Occupancy and Use:
Group B (Business Occupancy)
Essential Facility - Risk Category IV
Type IIb Construction

EB305.5 Additions. Accessible provisions for new construction shall apply to additions per ICC A117.1-2009

EB603.1 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.

EB606.1 Scope. Provisions for additions shall apply where work is classified as an addition. Work shall comply with the Building Code of New York State.

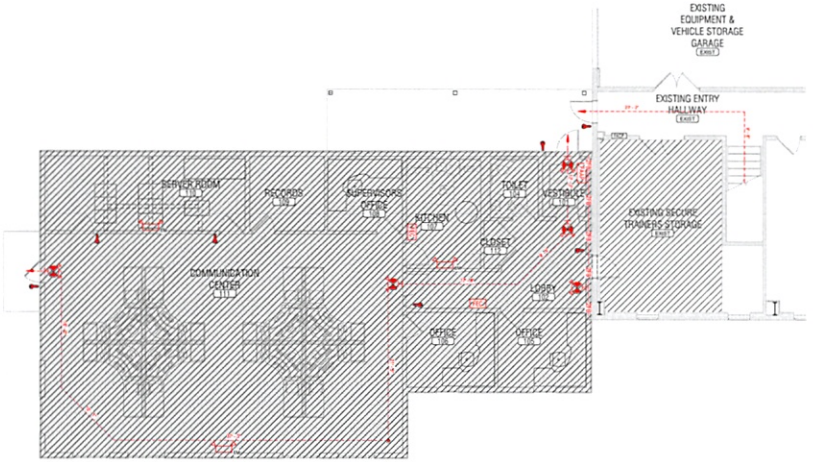
EB801.2 Alteration Level 1 compliance. In addition to the requirements of this chapter, all work shall comply with the requirements of Chapter EB7.

EB1101.1 Scope. An addition to a building or structure shall comply with the Uniform Code as adopted for new construction without requiring the existing building or structure to comply with any requirements of those codes or of these provisions, except as required by this chapter.

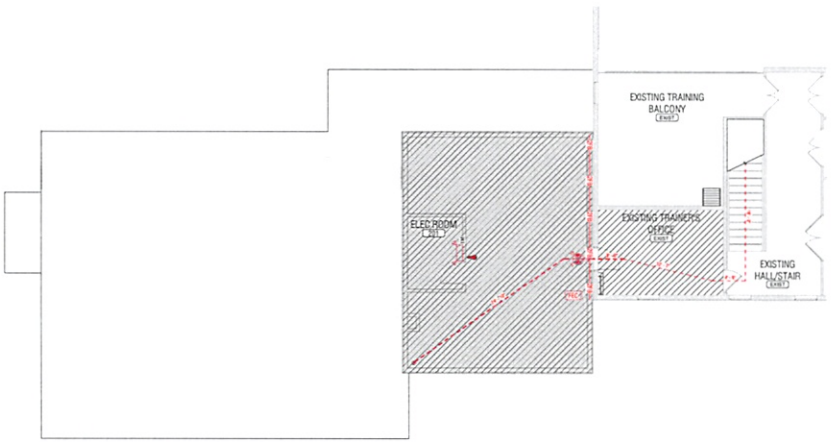
EB1102.3 Fire Protection Systems. Existing fire alarm system to be extended to new addition. Deferred submittal by Owner's Vendor.

LEGEND

- ELECTRONIC ACCESS CONTROL LOCATION — OPERATIONAL MAINTAIN OUTSIDE LEVER LOCKED AT ALL TIMES. PRESENTING VALID CREDENTIAL UNLOCKS OUTSIDE LEVER. INSIDE LEVER ALWAYS UNLOCKED FOR IMMEDIATE EGRESS. DOOR REMAINS LOCKED WITH LOSS OF POWER
- 2HR — 2HR — 2 HOUR RATED FIRE BARRIER
- 100'-0" — EXIT TRAVEL DISTANCE (REFER TO CODE COMPLIANCE PLAN)
- EXIT SIGN/EMERGENCY LIGHT COMBO FIXTURE W/ BATTERY BACKUP (REFER TO ELECTRICAL DRAWINGS)
- DIRECTIONAL EXIT SIGN/EMERGENCY LIGHT COMBO FIXTURE W/ BATTERY BACKUP (REFER TO ELECTRICAL DRAWINGS)
- EMERGENCY LIGHT FIXTURE W/ BATTERY BACKUP (REFER TO ELECTRICAL DRAWINGS)
- ACCESSIBLE CLEAR FLOOR AREA
- TIME CLOCK
- FE — FIRE EXTINGUISHER
- FEC — FIRE EXTINGUISHER CABINET
- FACP — FIRE ALARM CONTROL PANEL
- FAAP — FIRE ALARM ANNUNCIATOR PANEL
- FDC — FIRE DEPARTMENT CONNECTION
- AUDIO/VISUAL ALARM
- VISUAL ALARM
- MANUAL ALARM STATION
- NO WORK BEING PERFORMED
- LEVEL 2 ALTERATIONS
- ADDITION



1 G001 FIRST FLOOR - CODE COMPLIANCE & SAFETY PLAN
SCALE: 1/8" = 1'-0"



2 G001 SECOND FLOOR - CODE COMPLIANCE & LIFE SAFETY PLAN
SCALE: 1/8" = 1'-0"

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COLUMBIA COUNTY
401 STATE STREET
HUDSON, NY 12534

COLUMBIA COUNTY 911 CALL CENTER ADDITION
50 GRANDINETTI DRIVE
GHENT, NY 12075

NO.	DATE:	DESCRIPTION:
1	4/24/2024	ADDENDUM #01

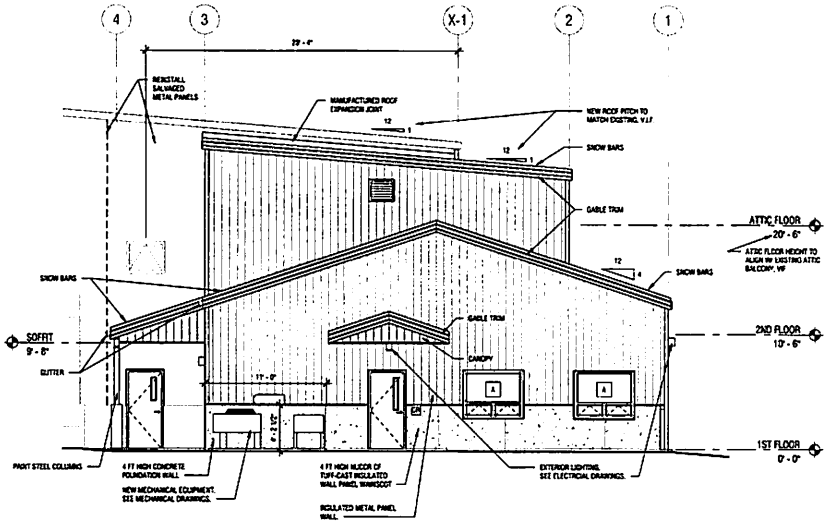
Revisions

PROJECT NUMBER: 2230297
DRAWN BY: CH
REVIEWED BY: PM
ISSUED FOR: BID SET
DATE: 04/11/2024
DRAWING NAME:

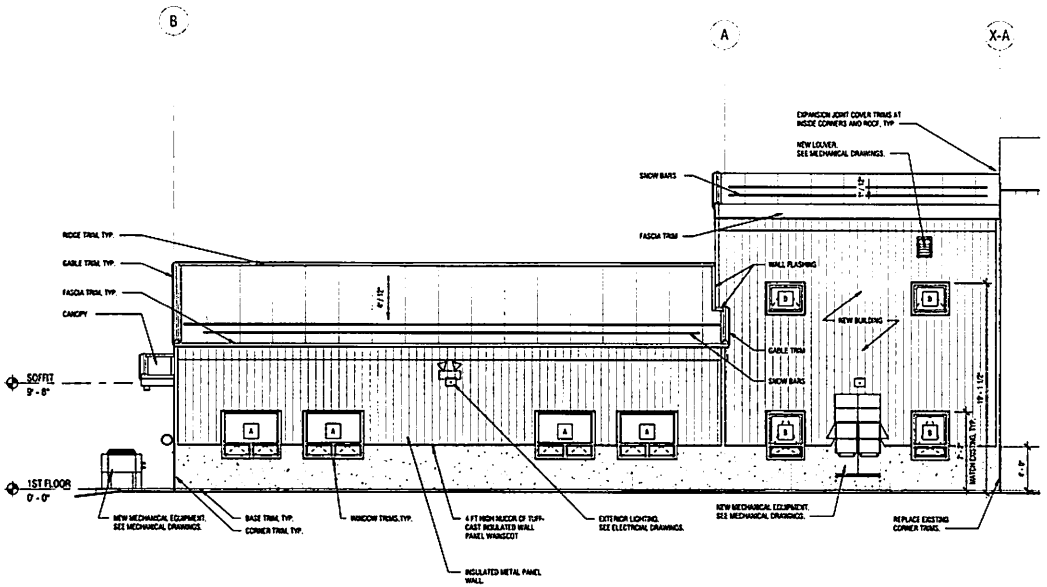
CODE COMPLIANCE AND LIFE SAFETY PLANS

DRAWING NUMBER:

G001



1 A203 SOUTH ELEVATION ALTERNATE
SCALE: 3/16" = 1'-0"



2 A203 EAST ELEVATION ALTERNATE
SCALE: 3/16" = 1'-0"

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COLUMBIA COUNTY
401 STATE STREET
HUDSON, NY 12534

COLUMBIA COUNTY
911 CALL CENTER ADDITION
50 GRANDINETTI DRIVE
GHENT, NY 12075

NO	DATE	DESCRIPTION
1	4/24/2024	ADDENDUM #01

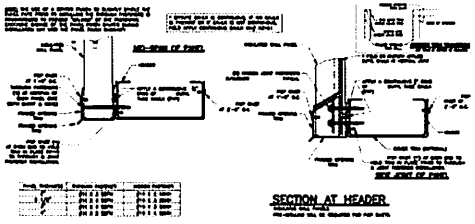
Revisions

PROJECT NUMBER: 2230297
DRAWN BY: YL
REVIEWED BY: PMJ
ISSUED FOR: BID SET
DATE: 04/17/2024

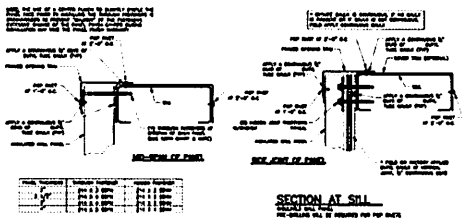
DRAWING NAME:
EXTERIOR ELEVATIONS ALTERNATE

DRAWING NUMBER:
A203

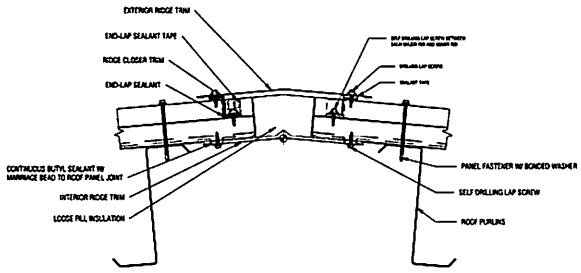
4/22/2024 10:27:09 AM



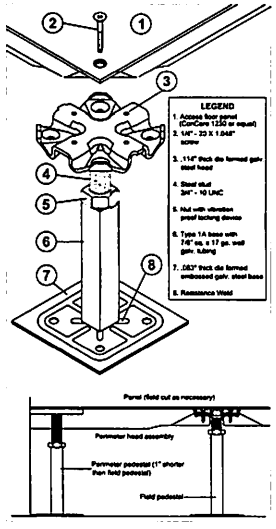
3 A302 SECTION AT HEADER DETAIL
N.T.S.



4 A302 SECTION AT SILL DETAIL
N.T.S.



2 A302 IMP ROOF RIDGE DETAIL
SCALE: 3" = 1'-0"



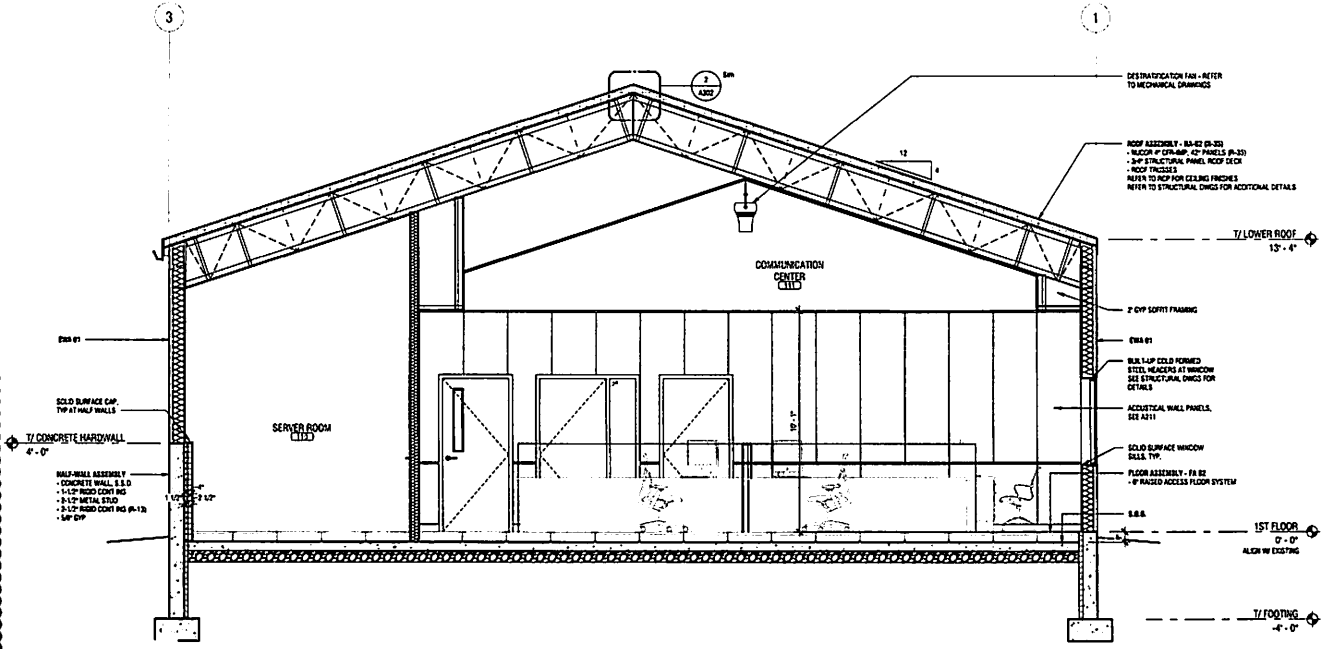
PEDESTAL ASSEMBLY
1. ASSEMBLY UP TO 24" FFH SHALL PROVIDE AN 6,000 LB. AXIAL LOAD WITHOUT PERMANENT DEFORMATION.
2. ASSEMBLY SHALL PROVIDE A 2" TOTAL ADJUSTMENT WITH A MAXIMUM FINISHED FLOOR HEIGHT OF 6".
3. STANDARD FINISHED FLOOR HEIGHTS OF 5" TO 24". FOR LOWER FINISHED FLOOR HEIGHTS AND SEISMIC CONCERNS, REFER TO LOW FFH AND SEISMIC SUBMITTAL DETAILS.
4. OVERTURNING MOMENT OF 1,000 IN.LBS. WHEN TATE RECOMMENDED PEDESTAL ADHESIVE IS UTILIZED ON A CLEAN UNSEALED CONCRETE SLAB.

PEDESTAL HEAD
1. 0.114" THICK DIE FORMED GALVANIZED STEEL PEDESTAL HEAD PROJECTION WELDED TO A THREADED ROD WITH ADJUSTMENT NUT.
2. PEDESTAL HEAD SHALL HAVE TAPPED HOLES FOR ENGAGEMENT OF POSILOCK SCREWS AND SHALL INCORPORATE ALIGNMENT GUIDES AND LOCATING POINTS TO LATERALLY CONTAIN AND POSITIVELY POSITION THE FLOOR PANEL WITH OR WITHOUT THE USE OF SCREWS.
3. POSILOCK FASTENER SHALL BE SELF CAPTURING 1/4" - 20 FLAT-HEAD MACHINE SCREW.
4. SOLID STEEL STUD SHALL BE 3/4" - 10 UNC.
5. CORROSION RESISTANT NUT SHALL BE 3/4" - 10 UNC AND SHALL INCLUDE AN ANTI-ROTATION FEATURE WHEN ENGAGED ONTO THE BASE ASSEMBLY.
6. STUD SHALL PROVIDE AN ANTI-ROTATION FEATURE WHEN ENGAGED WITH THE PEDESTAL BASE ASSEMBLY. (6" FFH OR HIGHER)

PEDESTAL BASE
1. BASE TO BE AT LEAST 18" SQUARE AND GALVANIZED STEEL.
2. PEDESTAL TUBE SHALL BE 7/8" SQUARE X 17 GA. WALL GALVANIZED TUBING.

PERIMETER
1. PERIMETER PEDESTAL ASSEMBLY WITH HAT CHANNEL SHALL PROVIDE SUPPORT FOR PANELS AROUND COLUMNS, AT WALLS, CURBS AND FASCIA.
2. PEDESTAL BASE AT PERIMETER SHALL BE 1" SHORTER THAN BASE IN FIELD AREA.

5 A302 ACCESS FLOOR PANEL DETAIL
N.T.S.



1 A302 BUILDING SECTION @ RAISED FLOOR AREA
SCALE: 3/8" = 1'-0"

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COLUMBIA COUNTY
401 STATE STREET
HUDSON, NY 12534

COLUMBIA COUNTY
911 CALL CENTER ADDITION
50 GRANDOVETTI DRIVE
GHENT, NY 12075

NO	DATE	DESCRIPTION
1	4/24/2024	ADDENDUM #01

Revisions

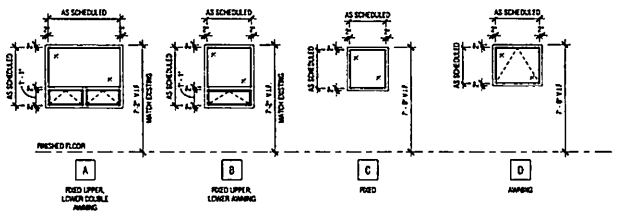
PROJECT NUMBER: 2230297
DRAWN BY: YL
REVIEWED BY: PM
ISSUED FOR: BID SET
DATE: 04/11/2024
DRAWING NAME:

BUILDING SECTIONS

DRAWING NUMBER

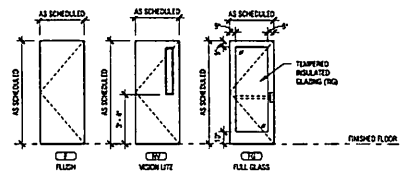
A302

WINDOW SCHEDULE						
TYPE	DIMENSIONS					COMMENTS
	WIDTH	HEIGHT	MATERIAL	FINISH		
A	2' - 0"	6' - 8"	ALUM	WHITE	SCREEN	
B	2' - 0"	6' - 8"	ALUM	WHITE	SCREEN	
C	2' - 0"	2' - 0"	ALUM	WHITE		
D	2' - 0"	2' - 0"	ALUM	WHITE	SCREEN	

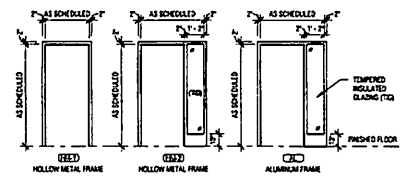


WINDOW TYPES

DOOR SCHEDULE															
NO.	ROOM	DOOR						FRAME TYPE	FRAME FINISH	KEY FOB	FIRE RATING	HARDWARE	COMMENTS	NO.
		TYPE	WIDTH	HEIGHT	THICKNESS	UNDERCUT	MATERIAL							
100	VESTIBULE	FG	3' - 0"	7' - 0"	1 3/4"	3/4"	ALUM	AL	ANOD	X		01		100
100B	EXISTING ENTRY HALLWAY	HV	3' - 0"	7' - 0"	1 3/4"	3/4"	HM	HM-1	PT	X		01	NEW DOOR IN EXISTING OPENING WITH EXISTING HARDWARE	100B
101	VESTIBULE	FG	3' - 0"	7' - 0"	1 3/4"	3/4"	HM	HM-1	PT	X		02		101
102	LOBBY	F	3' - 0"	7' - 0"	1 3/4"	3/4"	HM	HM-1	PT		1.5 HR	03		102
103	COMMUNICATION CENTER	F	3' - 0"	7' - 0"	1 3/4"	3/4"	HM	HM-1	PT	X		04		103
104	TOILET	F	3' - 0"	7' - 0"	1 3/4"	3/4"	HM	HM-1	PT			05		104
105	OFFICE	F	3' - 0"	7' - 0"	1 3/4"	3/4"	HM	HM-1	PT			06		105
106	OFFICE	F	3' - 0"	7' - 0"	1 3/4"	3/4"	HM	HM-1	PT			06		106
107	KITCHEN	HV	3' - 0"	7' - 0"	1 3/4"	3/4"	HM	HM-1	PT			07		107
108	SUPERVISORS OFFICE	F	3' - 0"	7' - 0"	1 3/4"	3/4"	HM	HM-1	PT			06		108
109	RECORDS	F	3' - 0"	7' - 0"	1 3/4"	3/4"	HM	HM-1	PT			06		109
110A	SERVER ROOM	F	3' - 0"	7' - 0"	1 3/4"	3/4"	HM	HM-1	PT	X		13		110A
110B	SERVER ROOM	F	3' - 0"	7' - 0"	1 3/4"	3/4"	HM	HM-1	PT	X		13		110B
111	COMMUNICATION CENTER	HV	3' - 0"	7' - 0"	1 3/4"	3/4"	HM	GHM-1	PT	X		08	GALV.WIRE3 HM FRAME	111
112	CLOSET	F	3' - 0"	7' - 0"	1 3/4"	3/4"	HM	HM-1	PT			11	2-0"X-10" EA.	112
200	COMMON SPACE	HV	3' - 0"	7' - 0"	1 3/4"	3/4"	HM	HM-1	PT		1.5 HR	14		200
201	CLIC ROOM	F	3' - 0"	7' - 0"	1 3/4"	3/4"	HM	HM-1	PT	X		13		201
202	FUTURE OFFICE	F	3' - 0"	7' - 0"	1 3/4"	3/4"	HM	HM-1	PT			06	ADD ALTERNATE	202
203	FUTURE OFFICE	F	3' - 0"	7' - 0"	1 3/4"	3/4"	HM	HM-1	PT			06	ADD ALTERNATE	203
204	FUTURE OFFICE	F	3' - 0"	7' - 0"	1 3/4"	3/4"	HM	HM-1	PT			06	ADD ALTERNATE	204
205	FUTURE OFFICE	F	3' - 0"	7' - 0"	1 3/4"	3/4"	HM	HM-1	PT			06	ADD ALTERNATE	205
300	ATTIC	F	3' - 0"	3' - 4"	1 3/4"	4"	HM	HM-1	PT		1.5 HR	14		300



DOOR TYPES



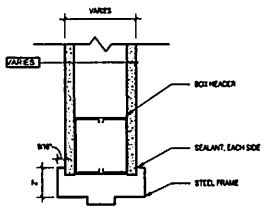
DOOR FRAME TYPES

DOOR SCHEDULE NOTES:

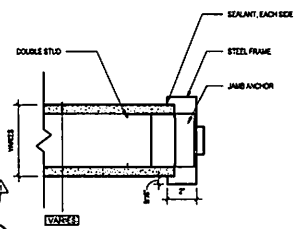
1. INSTALL ALL MATERIALS IN STRICT ACCORDANCE WITH MANUFACTURER'S TECHNICAL SPECIFICATIONS, MAINTAIN ALIGNMENT WITH ADJACENT WORK. SECURE ASSEMBLIES TO FRAMED OPENINGS, PLUMB AND SQUARE, WITHOUT DISTORTION. PLACE INSULATION IN SHIM SPACES AROUND UNIT PERIMETER TO MAINTAIN CONTINUITY OF BUILDING THERMAL BARRIER. INSTALL SEALANT AND RELATED BACKING MATERIALS AT PERIMETER OF ASSEMBLY.
2. MOUNT HARDWARE AT HEIGHTS INDICATED IN "RECOMMENDED LOCATIONS FOR BUILDERS HARDWARE TO STANDARD STEEL DOORS AND FRAMES" BY THE DOOR AND HARDWARE INSTITUTE (DHI), NWWDA INDUSTRY STANDARD I.S.1.7 "HARDWARE LOCATIONS FOR WOOD FLUSH DOORS", OR AS REQUIRED TO COMPLY WITH THE GOVERNING REGULATIONS OF LOCAL AUTHORITIES HAVING JURISDICTION.
3. CONTRACTOR TO FIELD VERIFY EXISTING HARDWARE PREPARATION LOCATIONS ON METAL FRAMES TO REMAIN FOR NEW DOORS.
4. FIRE RATED DOORS SHALL COMPLY WITH NFPA 80 AND THE REQUIREMENTS OF LOCAL AUTHORITIES HAVING JURISDICTION. SPECIFICATIONS MUST BE CROSS-REFERENCED AND COORDINATED BETWEEN DOOR HARDWARE AND DOOR MANUFACTURER'S TO INSURE THAT THE TOTAL OPENING IS COMPATIBLE WITH UL10C STANDARD FOR POSITIVE PRESSURE FIRE TESTS OF DOOR ASSEMBLIES, AND UBC7-2 FIRE TESTS OF DOOR ASSEMBLIES. CERTIFICATIONS OF COMPLIANCE SHALL BE MADE AVAILABLE UPON REQUEST BY THE AUTHORITY HAVING JURISDICTION.
5. EXIT DOOR LOCKS SHALL NOT REQUIRE THE USE OF A KEY, TOOL, SPECIAL KNOWLEDGE OR EFFORT FOR OPERATION WITHIN THE BUILDING PER SECTION D-2.1.5.1, NFPA 101.
6. A LATCH OR OTHER FASTENING DEVICE ON A DOOR SHALL BE PROVIDED WITH A KNOB, HANDLE, PANIC BAR OR OTHER SIMPLE TYPE OF RELEASING DEVICE HAVING AN OBVIOUS METHOD OF OPERATION UNDER ALL LIGHTING CONDITIONS. DOORS SHALL BE ABLE TO OPEN WITH NO MORE THAN ONE RELEASING OPERATION PER NFPA 5-2.1.3.3., NFPA 101.
7. THE FLOOR ON BOTH SIDES OF ALL DOORWAYS SHALL BE SUBSTANTIALLY LEVEL AND SHALL HAVE THE SAME ELEVATION ON BOTH SIDES OF THE DOOR WAY FOR A DISTANCE AT LEAST EQUAL TO THE WIDTH OF THE WIDEST LEAF PER SECTION 5-2.1.3.3., NFPA 101.
8. SUBMIT SHOP DRAWINGS AND SCHEDULES FOR REVIEW AND APPROVAL PRIOR TO FABRICATION.
9. ANY TOOLS, WRENCHES, INSTRUCTION AND MAINTENANCE SHEETS, OR INFORMATION PACKED WITH LOCKS, CLOSERS, PANIC BOLTS, AND OTHER PIECES OF HARDWARE ARE TO BE TURNED OVER TO THE OWNER.
10. GENERAL CONTRACTOR SHALL ADJUST CLOSERS TO LIMIT OPENING FORCE TO FIVE (5) POUNDS, IN ACCORDANCE WITH ANSI A117.1 REQUIREMENTS.
11. HEAD AND JAMB WEATHER STRIPPING TO BE KERF-MOUNTED, INTEGRAL WITH METAL FRAMES. HEAD, JAMB AND DOOR BOTTOM GASKETS ARE TO BE FURNISHED BY THE DOOR AND FRAME MANUFACTURER, WHERE REQUIRED.
12. ALL EXTERIOR HOLLOW METAL FRAMES SHALL BE FILLED WITH INSULATION.
13. ALL INTERIOR HOLLOW METAL FRAMES SET IN METAL STUD WALLS SHALL BE FILLED WITH MINERAL WOOL BLANKET INSULATION.
14. ALL EXTERIOR FRAMES SHALL BE INSTALLED WITH 1/4" SHIM AND SEALANT AROUND PERIMETER OF FRAME.
15. MASONRY LINTELS AND STEEL LINTELS ARE SHOWN ON STRUCTURAL DRAWINGS.
16. GLASS TYPES FOR DOORS ARE INDICATED IN THE DOOR GLAZING COLUMN OF THE DOOR AND FRAME SCHEDULE. GLASS TYPES FOR FRAMES ARE INDICATED ON THE FRAME ELEVATIONS.
17. CARD READERS, INCLUDING WIRING AND WIRING DIAGRAM, TO BE PROVIDED BY OWNER'S SECURITY CONTRACTOR. COORDINATE INSTALLATION OF ELECTRIC LOCKSETS, WITH THE OWNER'S SECURITY CONTRACTOR, THROUGH THE PROJECT COORDINATOR.
18. FRAME MANUFACTURER SHALL COORDINATE LOCATIONS OF ALL CONCEALED CONDUIT AND J-BOXES REQUIRED FOR SECURITY SYSTEM HARDWARE PRIOR TO MANUFACTURING OF HOLLOW METAL FRAMES AND COORDINATE WITH SECURITY HARDWARE AND DEVICES.
19. PROVIDE HEAD RECEIVERS AT ALUMINUM STOREFRONTS AND CURTAIN WALLS AS REQUIRED FOR STRUCTURAL DEFLECTION ALLOWANCE.
20. SEE SPECIFICATIONS HARDWARE SECTION FOR HARDWARE SETS NOTED IN DOOR AND FRAME SCHEDULE.

GLAZING:

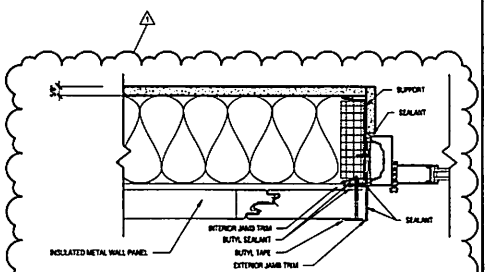
1. FIRE-PROTECTION-RATED GLAZING: GLAZING IN RATED DOORS AND OPENINGS UP TO 45 MINUTES, LIMITED IN SIZE, AND NOT CAPABLE OF BLOCKING RADIANT HEAT.
   A. LISTED AND LABELED BY A TESTING AGENCY ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION, FOR FIRE-PROTECTION RATINGS INDICATED, BASED ON POSITIVE-PRESSURE TESTING IN ACCORDANCE WITH NFPA 257 OR UL 9, INCLUDING HOSE-STREAM TEST, AND SHALL COMPLY WITH NFPA 80.
2. FIRE-RESISTANCE-RATED GLAZING: GLAZING THAT PREVENTS SPREAD OF FIRE AND SMOKE AND RADIANT HEAT; USED IN RATED WALL AND DOOR APPLICATIONS 60 MINUTES AND ABOVE WITHOUT SIZE LIMITATIONS.
   A. FIRE-RESISTANCE-RATED GLAZING: LISTED AND LABELED BY A TESTING AGENCY ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION, FOR FIRE-RESISTANCE RATINGS INDICATED, BASED ON TESTING IN ACCORDANCE WITH ASTM E119 OR UL 263.
   B. FIRE-RESISTANCE-RATED FRAMING AND DOORS: FIRE RESISTANCE-RATED GLAZING WITH 60-, 90-, AND 120-MINUTE RATINGS REQUIRES FRAMING AND DOORS FROM GLASS SUPPLIER, TESTED AS AN ASSEMBLY COMPLYING WITH ASTM E119 OR UL 263
3. SAFETY GLAZING LABELING: WHERE SAFETY GLAZING LABELING IS INDICATED, PERMANENTLY MARK GLAZING WITH CERTIFICATION LABEL OF THE SGCC OR ANOTHER CERTIFICATION AGENCY ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION. LABEL SHALL INDICATE MANUFACTURER'S NAME, TYPE OF GLASS, THICKNESS, AND SAFETY GLAZING STANDARD WITH WHICH GLASS COMPLIES.
   A. WHERE SAFETY GLAZING IS INDICATED, PROVIDE GLAZING THAT COMPLIES WITH 16 CFR 1201, CATEGORY II.
4. INSULATING-GLASS CERTIFICATION PROGRAM: PERMANENTLY MARKED EITHER ON SPACERS OR ON AT LEAST ONE COMPONENT LITE OF UNITS WITH APPROPRIATE CERTIFICATION LABEL OF IGCC.



1 A601 STEEL FRAME HEAD @ GYP
SCALE: 3" = 1'-0"



2 A601 STEEL FRAME JAMB @ GYP
SCALE: 3" = 1'-0"



3 A601 ALUM. FRAME JAMB @ EXTERIOR
SCALE: 3" = 1'-0"

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COLUMBIA COUNTY 911 CALL CENTER ADDITION
50 GRANDINETTI DRIVE
GHENT, NY 12075

NO	DATE	DESCRIPTION
1	4/24/2024	ADDENDUM #01

Revisions

PROJECT NUMBER: 2230297
DRAWN BY: JD
REVIEWED BY: PM
ISSUED FOR: BID SET
DATE: 04/11/2024
DRAWING NAME: DOOR AND WINDOW SCHEDULES
DRAWING NUMBER: A601

FAN SCHEDULE

No.	LOCATION	SERVICE	DESCRIPTION	MANUFACTURER	MODEL	TYPE	CFM	STATIC PRESSURE (in.)	TSP TOTAL	CFM REQ MIN	CFM REQ MAX	FAN RPM	BHP	MOTOR RPM	MOTOR DRIVE	ELECTRICAL DATA WATTS	ELECTRICAL DATA VOLTS PH	SOUND DATA SONES	NOTES
EF-1	104 - TOILET	TOILET	EXHAUST FAN	BROAN	AE110L FLEX	CEILING MOUNTED	100	0.1			100					23.4	120/-	1.0	SEE BELOW

NOTES
1. PROVIDE ISOLATION KIT, ALUMINUM GRILLE COLOR SHALL BE SELECTED BY ARCHITECT, ROUND HOODED WALL CAP 8"Ø WITH INSECT SCREEN AND BACKDRAFT DAMPER, AND ON/OFF SWITCH AND RELAY TO ALLOW EMERGENCY OPERATION FROM CONTROL SYSTEM.
2. CONSTANT CFM EC MOTOR RATED, ENERGY STAR MOST EFFICIENT.

LOUVER SCHEDULE

UNIT ID	DESCRIPTION	SERVICE	MANUFACTURER	MODEL	WIDTH (in)	HEIGHT (in)	FREE AREA (ft²)	VELOCITY (fpm)	CFM	MATERIAL	FINISH	FRAME	AIR PRESSURE DROP (in)	NOTES
L-1	STATIONARY LOUVER	EXHAUST	GREENHECK	ESS-435	24	24	0.92	300		ALUMINUM	BY ARCHITECT	ALUMINUM	0.073	SEE BELOW
L-2	STATIONARY LOUVER	INTAKE	GREENHECK	ESD-435	24	24	0.92	300	400	ALUMINUM	BY ARCHITECT	ALUMINUM	0.073	SEE BELOW

NOTES
1. PROVIDE FLANGED FRAME FOR INSTALLATION. FIELD MEASURE OPENING, INSTALL LOUVER WITH FRAMING, PAINTING FRAMING TO MATCH DECSTING.
2. PROVIDE ALUMINUM INSECT SCREEN.
3. INSULATE PLENUM TO DUCT MOUNTED LOW LEAKAGE CONTROL DAMPER, ACTUATOR. COORDINATE DAMPER SIZE WITH DUCT AND SERVICE.

DIFFUSER AND GRILLE SCHEDULE

TYPE	NECK SIZE	FACE SIZE	MAX. CFM	TYPE	MATERIAL	PATTERN	DEFLECTION	DAMPER	MOUNTING	USE	MANUFACTURER	MODEL	NOTES
R-1	8" DIA	12"x12"	SEE DWGS	AIRFOIL RETURN GRILLE	ALUMINUM	N/A	45	OBD	LAY-IN	RETURN AIR	ANEMOSTAT	E30	SEE NOTE 1
R-2	SEE DWGS	24"X18"	SEE DWGS		ALUMINUM	N/A	N/A	OBD	SURFACE	RETURN AIR	KRUEGER	EGCS	
S-1	SEE DWGS	18"x8"	SEE DWGS	SUPPLY REGISTER	ALUMINUM	HORIZONTAL	N/A	OBD	SURFACE	SUPPLY AIR	KRUEGER	880	SEE NOTE 2

NOTES
1. LAY-IN DIFFUSER, 12"x12" DIFFUSER, 24"x24" PANEL, WITH OBD DAMPER LAY-IN CEILING INSTALLATION.
2. PROVIDE OBD.

ELECTRIC UNIT HEATER SCHEDULE

No.	LOCATION	MANUFACTURER	MODEL	TYPE	CFM	CAP (BTUH)	V/Hz/Ph	KW	AMPS	MOUNTING	CONTROL	NOTES
FUH-1	202 - MEZZANINE	CHANN	MUHD7013-PKG-ESP	CEILING HUNG	310	10,236	208/60/1	3	14.5	CEILING	THERMOSTAT	

NOTES
1. 8-10 - SURFACE MOUNTING FRAME FOR SURFACE INSTALLATIONS. PAINT TO MATCH HEATER DECOR. 3-1/2"W DEEP - BRONZE.
2. PROVIDE OPTIONAL SINGLE POLE THERMOSTAT ACCESSORY SHALL BE SPECIFIED WHERE THE UNIT WILL NOT UTILIZE WALL THERMOSTAT. THE OVER TEMPERATURE PROTECTOR SHALL BE BI-METALLIC, SNAP-ACTION TYPE DESIGNED TO SHUT OFF HEATER IN THE EVENT OF OVERHEATING. A THERMAL FUSE SHALL PROVIDE SECONDARY THERMAL CUT-OUT FOR ADDED SAFETY.

CABINET UNIT HEATER SCHEDULE

No.	LOCATION	MANUFACTURER	MODEL	CFM	CAP (BTUH)	V/Hz/Ph	KW	AMPS	MOUNTING	CONTROL	NOTES
CUH-1	101 - VESTIBULE	BERKO	FRC	100		120/60/1	3.0	7.2	WALL		SEE NOTE 1
CUH-2	104 - TOILET	BERKO	CFF	150		120/60/1	1.5	12.5	CEILING		SEE NOTE 2

NOTES
1. CUH SHALL BE RECESSED INTO WALL AS SHOWN ON THE FLOOR PLAN
2. PROVIDE WITH CABINET UNIT HEATER:
   A. 1-BAR FRAME KIT (OPTION).
   B. SINGLE POLE T-STAT (OPTN).
   C. COLOR TO BE SELECTED BY ARCHITECT.

DESTRATIFICATION FAN SCHEDULE

TYPE	MANUFACTURER	MODEL	SERVICE	MOTOR/FAN RPM	TYPE DRIVE	VOLTS/PH/HZ	FLA	MCOP	DIM/SONES	NOTES
DSF-1	AMES	A-15-SP-STD-120-3	111 - COMMUNICATION CENTER	1,057	DIRECT	120/1/60	8.16	-	33.27.23	SEE NOTES 1, 2, AND 3

NOTES
1. PROVIDE WITH SIX (6) FOOT SAFETY CABLE.
2. PROVIDE WITH SIX (6) FOOT CORD AND PLUG.
3. COLOR SELECTED BY ARCHITECT.

ENERGY RECOVERY VENTILATOR (ERV) SCHEDULE

UNIT ID	LOCATION	MANUFACTURER	MODEL	INTERLOCKED OR STAND ALONE	CORE TYPE	NOMINAL AIRFLOW (cfm)	BALANCED AIRFLOW (cfm)	ESP (inwg)	SUMMER CONDITIONS OA EAT (°F DB)	SUMMER OA EAT (°F WB)	SUMMER RA EAT (°F DB)	SUMMER RA EAT (°F WB)	SUMMER FA LAT (°F DB)	SUMMER FA LAT (°F WB)	WINTER CONDITIONS OA EAT (°F DB)	WINTER OA EAT (°F WB)	WINTER RA EAT (°F DB)	WINTER RA EAT (°F WB)	WINTER FA LAT (°F DB)	WINTER FA LAT (°F WB)	VOLTAGE/PHASE	MCA/MOCP	NOTES/OPTION
ERV-1	304 - ATTIC	VALLEY	ERC-SP-P	INTERLOCKED	CROSS PLATE	500	500	1.0	91.0	73.0	75.0	62.3	79.0	64.6	0.0	-1.5	72.0	55.9	49.0	40.0	115/1	14.4/15.0	SEE NOTE 3

NOTES
1. PROVIDE QUICKMART LOCK BALANCING DAMPER ON OA AND EXHAUST DUCTWORK TO SET REQUIRED AIRFLOW.
2. PROVIDE 2" MERV-13 FILTERS.
3. PROVIDE 7-DAY TIME CLOCK.
4. SPARE FILTERS.
5. ECM FAN MOTOR.

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401 STATE STREET
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COLUMBIA COUNTY
911 CALL CENTER ADDITION
50 GRANDINETTI DRIVE
GHENT, NY 12075

NO	DATE	DESCRIPTION
1	04/18/24	ADDENDUM #1

Revisions

PROJECT NUMBER: 2230297
DRAWN BY: SIK
REVIEWED BY: JWT
ISSUED FOR: BID SET
DATE: 04/11/2024
DRAWING NAME:

MECHANICAL SCHEDULES

DRAWING NUMBER:

M602

4/12/2024 7:30:42 AM