CECIL COUNTY PUBLIC SCHOOLS
PURCHASING DEPARTMENT

GEORGE WASHINGTON CARVER EDUCATION LEADERSHIP CENTER
201 BOOTH STREET • ELKTON, MD 21921

phone: 410.996.5429 • fax: 410.996.1081 • www.ccps.org

Jeffrey A. Lawson, Ed.D.
Superintendent of Schools

Diana B. Hawley
President, Board of Education

March 13, 2024

CCPS RFP#24-15 – NORTH EAST MIDDLE/HIGH SCHOOL REPLACEMENT PROJECT

ADDENDUM #01

This addendum is to answer questions asked via email through March 12, 2024, provide pre-bid agenda and attendance list and revisions to the specifications and drawings. Proposers and related parties will be responsible to have read and understand all documents, the scope of work, addenda and all related solicitation documents issued. These documents will become attached to and part of the solicitation and award of bid contract.
Anticipated date of next addendum issuance is March 18, 2024.

The Bid Addendum #1 includes the following attachments:

ITEM No. 1 **PRE-BID AGENDA**

ITEM No. 2 **PRE-BID ATTENDANCE LIST**

ITEM No. 3 **BID RFIS**

ITEM No. 4 **CONTRACT DRAWINGS AND SPECFICATIONS – CHANGES AND CLARIFICATIONS:**

Authorized Signature/Date: _____

Printed Name/Title: _____

Contractor Name: _____

Address: _____

***Note: Bidder must sign and submit Addenda with the proposal submission. The same person signing the Addenda acknowledgement(s) must sign the Bid Form.**

HESS

NORTH EAST MIDDLE/HIGH SCHOOL REPLACEMENT PROJECT
CCPS RFP#24-15

NON-MANDATORY PRE-BID MEETING
Wednesday, March 6, 2024 @ 3:30PM

AGENDA

1) WELCOME & INTRODUCTIONS (Attendees please sign in with your contact info and bid package)

2) CONTRACT METHOD – Construction Management Advisor (CMa) – Multiple Prime

Prime Bid Package	MBE Goal	Sub Goals
03A - CONCRETE	10%	None
04A - MASONRY	10%	None
05A - STEEL	5%	None
06A - GENERAL TRADES	20%	None
06B - MILLWORK & CASEWORK	20%	None
07A - ROOFING	15%	None
07B - METAL PANELS	10%	None
08B - GLASS & GLAZING	5%	None
09B - FLOORING	15%	None
11A - FOOD SERVICE	0%	None
11B - GYMNASIUM EQUIPMENT	0%	None
12A - FIXED SEATING	0%	None
21A - SPRINKLER	10%	None
23A - MECHANICAL / PLUMBING	20%	None
23B - GEOTHERMAL WELL	5%	None
26A - ELECTRICAL	20%	None
31A - SITEWORK	15%	None
32A - ASPHALT & SITE CONCRETE	15%	None
32B - LANDSCAPING	0%	None
Total	**15%**	**None**

3) MBE OUTREACH / GOOD FAITH EFFORT DISCUSSION

4) BID INFORMATION:
   a. Bids due Thursday, March 28, 2024 @ 1:00PM. Bids submitted late will not be accepted
   b. If CCPS is unexpectedly closed on 3/28, the bid opening will be Tuesday, April 2 @ 1:00PM
   c. Bids will be received at:
      Cecil County Public Schools
      George Washington Carver Education Leadership Center
      201 Booth Street, Elkton, MD 21921
   d. Bids will be publicly opened and read aloud following bid deadline.
   e. Bid documents can be obtained electronically from HESS Construction by requesting via email to NEMHS@HESSconstruction.com
   f. Questions may be sent to HESS at the same email address. All questions shall be submitted by 12:00PM on March 20, 2024. Answers to questions will be issued via addendum.
   g. Material substitutions – See Division 1 for instructions
   h. Addenda to the bid documents will be distributed to all plan holders by HESS and posted to eMMA website https://procurement.maryland.gov/
   i. Contractor must be registered with eMMA prior to contract award

j. Funding Source – State/Local CIP
k. Prevailing Wage – YES
l. Tax Exempt - NO
m. Bids shall be valid for ninety (90) calendar days after the receipt of the bid.
n. Qualification of Bidders – Owner reserves the right to reject any bid if evidence submitted by, or investigation of, such bidder fails to satisfy the Owner that such bidder is properly qualified.
o. 100% Performance and Payment Bonds are required within ten (10) days of notice of award.
p. Liquidated Damages - $3,500/calendar day
q. Unit Prices stipulated on bid form
r. Prime Contract work scopes – see 00 90 00. No deviations are accepted. If you have any questions, please submit pre-bid RFI.

5) BID SUBMISSION AND FORM:
   a. Bids must be submitted in sealed envelope addressed to CCPS Purchasing Department and labeled with the following information:
      i. CCPS RFP#24-15 North East Middle/High School Replacement Project
      ii. Bid offeror' name
      iii. Prime Bid Package # and Description
   b. All bids must be prepared on forms provided in the project manual and submitted in triplicate (label one as original)
   c. If a firm is bidding more than one bid package, the bids must be provided separately.
   d. All blank spaces on bid form shall be filled out by offeror.
      i. Date
      ii. Name of Contractor/Company
      iii. Bid Package # and Title
      iv. Base Bid #1 amount
      v. Base Bid #2 amount
      vi. Alternates 1-17 amounts (if it is zero, fill in "zero, $0.00". Do not leave blank)
      vii. Addenda acknowledged
      viii. Buy American Steel & Manufactured Goods Acknowledgement
   e. All bids must be signed and sealed by person having legal authority of offeror's firm.
   f. Conditional bids shall not be accepted. Do not include a separate bid proposal with clarifications/qualifications to scope of work.
   g. 5% Bid Bond and MBE Forms should be prepared based on Base Bid #1

6) BID ATTACHMENTS (Checklist on Bid Form)

_____ Anti-Bribery Affidavit
_____ Bid Bond / Certified Check as stipulated above.
_____ Consent of Surety as stipulated above.
_____ Plan for Utilization of Minority Business Enterprises (If available)
_____ MBE Utilization & Fair Solicitation Affidavit
_____ MBE Schedule of Participation
_____ Contractor's Qualification Statement & AIA A305
_____ Certification Regarding Debarment
_____ Non-Collusion Affidavit
_____ Maryland Contractor's License
_____ References
_____ Sex Offender Certification
_____ Bid Form

7) WORK COMPLETION SCHEDULE:
   a. Contract Award Schedule
      i. 03/28/24 – Bid Opening
      ii. 05/08/24 – Board of Education approval of Contract
      iii. 05/09/24 – Letter of intent provided
      iv. 05/15/24 – IAC Approval of Contract, Execute Contract

   b. Two (2) Base Bid options for CCPS Selection:

      i. BASE BID #1

Activity Description	Construction Start	Substantial Completion	Final Completion
Phase 1: Build middle school portion of new facility & associated sitework required for building occupancy	05/15/24	05/15/26	07/15/26
Phase 2a: Build high school portion of new facility & associated sitework required for building occupancy	05/15/26	05/15/28	07/15/28
Phase 2b: Convert temporary swing spaces in middle school to final condition	06/15/28	08/15/28	09/15/28
Phase 3: Demolish existing high school facility & complete remaining sitework	06/15/28	05/15/29	06/15/29

For Base Bid 1 option, prime contractors will NOT be permitted to invoice for any costs associated with Phase 2 or 3 costs until the beginning of Phase 2. Only costs associated with Phase 1 work will be compensated during the Phase 1 performance period.

      ii. BASE BID #2

Activity Description	Construction Start	Substantial Completion	Final Completion
Phase 1: Build entire middle/high school facility & associated sitework required for building occupancy	05/15/24	05/15/27	07/15/27
Phase 2: Demolish existing high school facility & complete remaining sitework	06/15/27	05/15/28	06/15/28

8) QUESTIONS/COMMENTS

9) OPTIONAL SITE WALK
   a. If a firm would like additional site visits, please request an appointment through HESS.

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NORTH EAST MIDDLE/HIGH SCHOOL REPLACEMENT PROJECT
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PRE-BID MEETING
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SIGN-IN SHEET

COMPANY NAME	PRIME BIDDER OR SUBCONTRACTOR	BID PKG	CONTACT	PHONE	EMAIL
ABC CONCRETE CO.	PRIME	03A CONCRETE	ROBERT JONES	410-555-1000	RJ@ABCCONCRETE.COM
HVAC INSULATION CO.	SUBCONTRACTOR	23A MECH	JOHN SMITH	410-555-1400	JSMITH@HVACINSULATION.COM
NEMS			PRINCIPAL DANE DOLLENGER	410 996 6200	ddollenger@ccps.org
Nickle Electrical	Prime.	26 Electric	Mark Benson	302-463-8640	MBenson@Nickle.Email
Horst Excavating ~~Chris Houck~~	Prime	Site	Chris Houck	717-497-8658	Chouck@horstgroup.com
Towson Mechanical	Prime	23A	Courtney Monley	410-668-1210	cmonley@towsonmechanical.com
Modern Controls	Sub	BAS	Pete Hock	267 337 0318	phock@moderncontrols.com.
Brawner Builders	Prime	6A	Logan Vitek	410-344-3700	loganVitek@brawnerbuilders.com
JOHNSON CONTROLS ERIK BADDERS	SUB	23A	ERIK BADDERS	410-598-7330	erik.a.badders@jci.com
~~Shane Goetzinger~~ Anchor Mechanical	Sub	23A	Shane Goetzinger	443 907 9958	Sgoetzinger@Anchormech.com

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HVAC INSULATION CO.	SUBCONTRACTOR	23A MECH	JOHN SMITH	410-555-1400	JSMITH@HVACINSULATION.COM
DENVER - ELEK	SUBCONTRACTOR	23A MECH	TROY MATTHEWS	(410)574-8400 XT 214	ESTIMATING@denver-elek.COM
Kinsley Construction	Prime ~~subcontractor~~	31A & 32A	Nick Durski	571-235-3806	ndurski@kinsleyconstruction.com
Urban N. Zink	Prime	31A Sitework	Josh Beeker	443 939 2371	jbeeher@urbanzink.com
Oak Contracting	Prime	6A	Nathan Giordano	410-828-1000	ngiordano@oakcontracting
Anchor Mechanical (Steve Teague)	Prime	23A	Steve Teague	443-390-0095	steague@anchormech.com

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HVAC INSULATION CO.	SUBCONTRACTOR	23A MECH	JOHN SMITH	410-555-1400	JSMITH@HVACINSULATION.COM
BOMARK ELECTRIC	SUBCONTRACTOR	26 ELECT	MARK KALTHOF	443-605-6684	MKALTHOF@BOMARKELECTRIC.COM
Urban N Zink	Prime	31A	Frank Nichols	443 939 2321	Frank.Nichols@urbanzink.com
MULLER, INC	PRIME SUBCONTRACTOR	31A SITE/UTILITIES	MICHAEL BEECHER	571-562-0369	MBEECHER@MULLERIEC.COM

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HVAC INSULATION CO.	SUBCONTRACTOR	23A MECH	JOHN SMITH	410-555-1400	JSMITH@HVACINSULATION.COM
Nickle			Chris Torres	302-530-2192	CTorres@Nickle.email
	Bowent Kron	Demo/Site	Jr Roloson	410 398 5306	jr@bowen-kron.com
	Gray N Son	Demo/Site	Jacob Sisco	716-550-6235	JSisco@GrayNSon.com
	Action Electric	26A	Colin Moretz	410-879-5887	colin@actionelectricmd.com
Trinity Subsurface	Sub	31A	Evan Mowbray	443-907-9081	emowbray@trinitysubsurface.com

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HVAC INSULATION CO.	SUBCONTRACTOR	23A MECH	JOHN SMITH	410-555-1400	JSMITH@HVACINSULATION.COM
Kay Porter	Cecil County Public School				
Rick Raulie RGRAULIE@CCPS.ORG Daniela Dunlap					
Crystal Preston Eric Olsen					
Scott Anderson Chuck Summers					
Dr. Buckley					
HESS Construction	CMA	—	Todd Ward Sasha Raab	301 670 9000	NEMHS@HESSconstruction.com SRAAB@HESSConstruction.com
Anthony Evans - Principal North East Middle	CCPS			410 996 6210	aevans@ccps.org
Paul Bradshaw	Grimm Parker				

CCPS RFP#24-15 – NORTH EAST MIDDLE/HIGH SCHOOL REPLACEMENT

SUBMITTED RFIS LOG

RFI #	Date recvd	Question	Answer
1	2/29/2024	Per drawing E601, HS-MSB is identified as 4000A on the riser diagram, but 3000A in the schedule (drawing E708). Please clarify.	HS-MSB is 3000A. Riser will be updated to reflect
2	3/1/2024	Is Siemens an acceptable alternative fire alarm system manufacturer?	Yes. Manufacturer will be added as acceptable alternative.
3	3/1/2024	Please provide clarification on the floor depression for the walk-in cooler/freezer, Line item 1. Written specs call for 6" deep floor recess, but the Kitchen drawings call for 4" deep recess.	4" depression is correct
4	3/1/2024	Is Automated Logic's Webctrl an acceptable manufacturer substitution for specifications 230900?	No
5	3/1/2024	I was looking into if there were any utility locating services needed on the project in regards to sitework.	Utility location service is required on the project and is covered in several spec sections.
6	3/4/2024	1. Variable-Frequency Motor Controllers – May "Yaskawa" be added to the list of acceptable manufacturers for spec section 230515.2.1.B	No
7	3/4/2024	2. Energy Recovery Units – May "Petra Engineering" be added to the list of acceptable manufacturers for spec section 237200.2.1.A	No
8	3/4/2024	3. Electric Resistance Air Coils – May "Neptronic" be added to the list of acceptable manufacturers for spec section 238216.14.2.2.A	No
9	3/4/2024	4. Finned-Tube Radiation Heaters – May "Raywall" be added to the list of acceptable manufacturers for spec section 238236.2.2.A	No
10	3/4/2024	5. Unit Heaters – May "Raywall" be added to the list of acceptable manufacturers for spec section 238239.2.1.A &2.2.A	No
11	3/4/2024	6. Cabinet Unit Heaters – May "Raywall" be added to the list of acceptable manufacturers for spec section 238239.13.2.1.A	No
12	3/4/2024	7. Wall and Ceiling Unit Heaters – May "Raywall" be added to the list of acceptable manufacturers for spec section 238239.19.2.1.B	No
13	3/4/2024	8. Electric Radiant Ceiling Panels – May "Raywall" be added to the list of acceptable manufacturers for this equipment	No
14	3/4/2024	9. Energy Recovery Ventilators – May "System Air" be added to the list of acceptable manufacturers for this equipment	No
15	3/5/2024	Are both the current middle and high school to be demolished?	The existing High school will be demolished. The existing middle school is not scheduled for demolition.
16	3/5/2024	Is the site visit on 3/6 required for the demolition package and will we be walking the inside of the school?	The site visit is not required to submit a bid. There will be a separate pre-bid meeting for the school demolition that will be scheduled closer to the scheduled demolition of the school.
17	3/5/2024	Will there be another site visit for when the Demolition RFP comes back around?	Yes.
18	3/5/2024	Is there a hazmat report for the schools to be demolished?	An AHERA 6 month inspection dated September 13, 2023. Will be provided in the next addendum.

CCPS RFP#24-15 – NORTH EAST MIDDLE/HIGH SCHOOL REPLACEMENT

SUBMITTED RFIS LOG

RFI #	Date recvd	Question	Answer
19	3/5/2024	I am reaching out in regards to this project, North East Middle-High School. I represent Industrial Louvers and we are specified. Do you have a list of bidders for this scope?	Louvers are in the 6A bid package, spec section 08 91 19. Bidders listed are Oak Contracting and DIS Associates.
20	3/5/2024	We also represent Vetrotech Saint Gobain for the fire rated. Do you have a list of bidders for that scope as well?	Will be addressed in forthcoming Addendum
21	3/6/2024	Wanted to ask if there should be a "A103C" included in the set because Building C has a third level. please provide	Drawing set Is correct. Area C has 3 levels; 00, 01 and 02
22	3/6/2024	Please specify if the following door frames should be aluminum frames w/ wood doors or hollow metal frames w/ wood doors. B007A, B007B, B007C, D104A, D104B, D120A, D120B, F001A, F001B.	Frames are hollow metal
23	3/7/2024	Should the MV transformers (MS-XFMR and HS-XMF) be mineral oil or less-flammable insulating liquid (seed oil)? Spec section 261219 2.2.I calls for mineral oil. But 2.3.G.6 requires compliance with FM Global Class No. 3990 (seed oil) and 2.3.G.7 requires less- flammable insulating liquid.	MV Transformers shall be FR3 Fluid Filled. Mineral oil will be removed from specification
24	3/7/2024	Regarding the 34kV Switchgear; please clarify whether the 34kV switchgear is to be vacuum breaker Metal-Clad switchgear or fused switch Metal Enclosed Switchgear. Gear is labeled as Metal-Clad on the riser but the individual sections are labeled with fused and unfused switches (Metal Enclosed). The only Spec section provided is labeled as Metal Enclosed, but within that section vacuum breakers and relays which would be for Metal Clad and Feeder Switch Sections which would be for Metal Enclosed are both discussed.	Will be addressed in forthcoming Addendum
25	3/7/2024	Please clarify what contractors should put on the bid form regarding alternate bids that do not pertain to our bid package. Would you like “0”, “No Bid”, “N/A” or for the space to be left blank?	Use " N/A"
26	3/7/2024	Please confirm who is responsible for the demolition of the existing school building? Is it the 31A Sitework package?	The demolition of the existing high school building will be a future bid package. The demolition of all other outbuilding structures, and all site demolition is part of the 31A sitework package.
27	3/7/2024	Please confirm if abatement or the removal of hazardous material will be required for the existing school building	Yes.
28	3/7/2024	Please confirm who is responsible for stripping, handling, and respreading the topsoil. Please define “respread” in the 31A SOW, Item 21, does this include topsoil?	Response will be provided in next addendum
29	3/7/2024	Please confirm who is responsible for root pruning, signage, etc. as it is stated in both the 31A Sitework and 32B Landscaping & Fencing scope of work. (31A SOW Earthwork Item 1 v.s. 32B SOW Landscaping Item 4)	Response will be provided in next addendum

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SUBMITTED RFIS LOG

RFI #	Date recvd	Question	Answer
30	3/7/2024	Please confirm that the 31A Sitework package does not include any stone base for the concrete or asphalt paving	Response will be provided in next addendum
31	3/7/2024	Please confirm who is responsible for the Utility asphalt patch and striping for the waterline installation that goes through Irishtown Road. See SOW 32A Concrete Item 7.	Response will be provided in next addendum
32	3/7/2024	Please confirm who is responsible for furnishing and installing the sleeves / sonotubes for the retaining walls. (31A SOW Segmental Retaining Item 7 v.s. 32B SOW Fencing Item 5).	Response will be provided in next addendum
33	3/8/2024	After review of the attached notice, I did not see a Material Testing & Inspections scope being bid. Is there an opportunity for Specialized to propose services on this project?	Response will be provided in next addendum
34	3/8/2024	Will a site logistics plan be provided?	Response will be provided in next addendum
35	3/8/2024	Who is responsible for the geothermal field spoils?	Response will be provided in next addendum
36	3/11/2024	Specification 00 45 28 – Prevailing Wage does not have Ironworkers or steel workers listed in the wage determination. Please provide a complete list including ironworkers.	Response will be provided in next addendum
37	3/11/2024	Is there any steel support for the sign and/or brick for the Marquee Sign on A211?	Response will be provided in next addendum
38	3/11/2024	The bollard detail located on C-12 is not called out on any of the civil plans. Please provide locations and / or quantity of bollards required.	Response will be provided in next addendum
39	3/11/2024	Which trade contractor is to pick up the metal swing gate on C-12?	Response will be provided in next addendum
40	3/11/2024	Please confirm there is only one location for the metal swing gate on C-12.	Response will be provided in next addendum
41	3/11/2024	Specification 009000 – Specific Scopes of Work. Package 05A item 16 states to pick up aluminum & SS at trench drains. Package 23A item 45 states to pick up trough / trench drains (furnish & install a complete plumbing systems). Package 31A item 13 states to furnish and install trench drain, inclusive of angles and grating. Please advise on which package(s) is to pick up stuff at the trench drains.	Response will be provided in next addendum
42	3/11/2024	Which trade package is to pick up the cast-in aluminum receiver and trench cover on detail A16/A427?	Response will be provided in next addendum
43	3/11/2024	Stair 4 on details H12 & H18/A507, A/S403 shows it drawn as a cast in place concrete stair, but details called out on architectural drawings refer to page A505 which shows a steel pan stair. Please advise if this stair is a concrete stair or a steel pan stair.	Stair is a concrete stair. Details on A505 will be reviewed and modified where required in a future addenda.
44	3/11/2024	If Stair 4 is a concrete stair, how does the stringer attach to the stair? Or is the railing to be attached to the stair without a stringer? Please advise and provide details.	Per detail A/S404 connection detail of stringer to stair is to be provided by stair engineer.
45	3/11/2024	Is there a trade package 02A specific scope for this project? I did not see one in spec 00 90 00. Please advise.	Response will be provided in next addendum
46	3/12/2024	Verify the workbench in room B022 on sheet A800B is to use detail G18/A804.	Item is Furniture N.I.C.

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RFI #	Date recvd	Question	Answer
47	3/12/2024	Verify 06B contractor is to furnish and install all LK5 and LK6 lockers.	Response will be provided in next addendum
48	3/12/2024	Provide details for table legs or similar at the end of peninsulas in science rooms. Currently no counter support or model number is shown.	Details will be provided in forthcoming addenda
49	3/12/2024	Is an epoxy resin sill/cap intended at non-window wall locations in science rooms? Similar to details D13 & G13/A804.	Sill cap is not required at non-window wall locations.
50	3/12/2024	Are we to include the scheduled casework shown under the counter at the millwork desk in room A100 on sheet A801A or include counter supports as detailed at G18/A805?	Provide scheduled casework as shown on A801A
51	3/12/2024	Low wall railings in the Auditorium on sheet A801D have the wrong call-out as A18/A809, this should be B13/A809.	Call out A18/A809 is correct.
52	3/12/2024	Is there a chase wall/wall cap intended at the window wall in room F107?	Yes. Chase wall/wall cap is similar to detail D13/A804. At F107 counter top and sill cap to be plastic laminate.
53	3/12/2024	Verify that package 05A is to furnish and install the steel pipe posts, flanges, plates and privacy screens at D10/A804.	Response will be provided in next addendum
54	3/12/2024	06B specific scopes lists interior wood frames and jambs, closer kits, wood handrail and dark room door: None of these items can be found on the construction documents. Verify they are not part of the project.	Response will be provided in next addendum
55	3/12/2024	Provide details for the temporary circulation desk on A012. What package is responsible to furnish and install this temporary desk?	Circulation desk will be movable furniture as is N.I.C.
56	3/12/2024	Verify all gas fixtures in science labs are furnished and installed by package 23A.	Response will be provided in next addendum
57	3/12/2024	Verify there are 2 kilns, kiln hoods and kiln ventilators required for the project. The kilns are not scheduled on the plans.	Verified there are 2 Kilns. Kiln Hoods and Kiln ventilators are required. Items will be identified in plans in future addenda
58	3/12/2024	There are multiple line items in the 06B scope that refer to owning in-wall blocking. Verify that 06B only owns coordination of in-wall blocking. Blocking is by 06A.	Response will be provided in next addendum
59	3/12/2024	Verify Alternate #16 is for the seats only, not the balconies themselves.	Alternate is for seats only
60	3/12/2024	Verify that 06A shall furnish and install all “Vertical Acoustic Wood Planks AWP3” and “Vertical Flush Joint Linear Wood Planks” as well as the ¾” metal reveals in the Auditorium per the specific scope. Hardwood caps would remain part of 06B.	Response will be provided in next addendum
61	3/12/2024	Provide a detail for the millwork treads and risers at the stage front stairs.	Response will be provided in next addendum
62	3/12/2024	Is wood base intended along the entire perimeter of the auditorium walls? 7A/A610 for reference.	Wood base is required as per finish schedule on A304
63	3/12/2024	Verify that Alternate #3 changes Base Bid Math room C021 into Pre-K C021. There is no additional room built alongside C021 Math in this Alternate.	Correct.
64	3/12/2024	B12/A423 indicates a window sill, but the detail is never called out on the drawings. Where does this detail belong? Is the sill intended to be solid surface?	Refer to wall section A5/A419. Material is Solid surface.

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RFI #	Date recvd	Question	Answer
65	3/12/2024	We are an expansion joint manufacturer, and we would like to submit our products to be considered as an equal to the specified products for the North East Middle and High School project. I reviewed the specifications, and the substitution requests with the proper forms are attached for the products listed in Sections 079100 & 079513. Our products are a direct equal to those specified and will not require any changes to the project documents (with the possible exception of our inclusion in an addendum).	Decision on substitution request will be provided in future addenda.

March 13, 2024

PROJECT NAME North East Middle & High School
PSC # 07.044.23 / BTL
CCPS RFP#24-15
ADDENDUM NO. # 01
PROJECT# GP22105.00

TO THE CONTRACT DRAWINGS AND SPECIFICATIONS FOR THE REFERENCED PROJECT, DATED 12/22/2023, AS PREPARED BY GRIMM & PARKER ARCHITECTS, 11720 BELTSVILLE DRIVE, SUITE 600, CALVERTON, MARYLAND 20705.

This Addendum includes changes and clarifications to the Contract Documents. The information includes the following:

SPECIFICATION ITEMS:

ITEM NO. 1 SECTION 01 23 00 – ALTERNATE BIDS

REVISE Paragraph 1.4.N Alternate Bid. No.14: Middle School Classrooms. to read:

A. Alternate Bid. No.14: Middle School Classrooms.

1. Base Bid: All interior work in classrooms C021, C024, C121, C124, C221, C224; Science classrooms C016, C116 and C216 indicated in the specifications and drawing documents is N.I.C.

a. Architectural:

1) Room entry HM frames, doors and door hardware as indicated in the drawings is I.C.
2) Metal stud wall framing is in-Contract (I.C.)
3) Interior and exterior window blinds at all openings as noted on drawing sheets A310, A311 and A312 is I.C.

b. Mechanical:

1) All mechanical ductwork associated with heat pumps and ceiling devices serving classrooms C021, C024, C016, C121, C124, C122, C116, C221, C224, C216 indicated and hatched on drawing documents is N.I.C. Other mechanical work remains as shown and is in-Contract (I.C.)
2) Supply and return duct from heat pumps in mentioned rooms above will be open end with VD.
3) Return and ventilation ductwork from DOAS unit in mentioned rooms above shall be open end with VD.
4) All rough ins for thermostat, CO2 and wall devices indicated on drawings is I.C.

c. Plumbing:

1) All plumbing fixtures and runout piping serving classrooms C021, C024, C016, C121, C124, C122, C116, C221, C224, C216 indicated and hatched on drawing documents is N.I.C. Other plumbing work remains as shown and is I.C.
2) All sprinkler work is I.C.
3) All underground utilities are I.C.
4) Stub up and provide capped connection for sanitary rough-ins for all plumbing fixtures indicate on drawings.
5) All sanitary and vent risers are I.C. Provide capped connections at mains for runout piping.
6) All vents through roof are I.C.
7) All roof drains, overflow drains, storm water, OHD, etc. are I.C.
8) Valve and cap domestic water piping in corridor for future. Provide NFWH located on the exterior of C016 and C021.

d. Electrical and Fire Alarm:

1) All Fire alarm work is I.C.
2) Access control power at exterior door in C021 is I.C.
3) Exit light above exterior door in C021 is I.C.
4) All rough ins for receptacles, light fixtures, controls, and all wall devices indicated on drawings is I.C.
5) Install emergency fixtures as indicated on drawings.

e. Technology: Provide and install pathways only, in classrooms C021, C024, C121, C124, C221, C224; Science classrooms C016, C116 and C216. Blank-off junction boxes and cap conduits/sleeves. Do not install cabling or devices related to Division 27.

f. Security: Install security devices as indicated on TY drawings are I.C.

2. Alternate Bid: Fit out classrooms C021, C024, C121, C124, C221, C224; Science classrooms C016, C116 and C216 as indicated in the specifications and drawing documents.

REVISE Paragraph 1.4.O Alternate Bid. No.15: High School CTE. to read:

1. Base Bid: All interior work in Hospitality and Tourism Management F107, Pantry F107A, and Technology Production Lab G122 indicated in the specifications and drawing documents is N.I.C.

a. Architectural:

1) Room entry HM frames, doors and door hardware as indicated in the drawings is I.C
2) Metal stud wall framing is I.C.
3) Interior and exterior window blinds at all openings as noted on drawing sheets A310, A311 and A312 is I.C.

b. Mechanical:

1) Mechanical dust filtration equipment, ductwork associated with heat pumps, fan and ceiling devices serving classroom F107, pantry F107A, G120 and G122 indicated and hatched on drawings documents is N.I.C. Other mechanical work in mentioned rooms remains as shown and is I.C.

2) Exhaust louvers serving classroom F107 and G122 is I.C. exhaust ductwork associated with these louvers is I.C. and shall be capped for future connection.
3) Supply and return duct from heat pumps in mentioned rooms above will be open end with VD.
4) Return and ventilation ductwork from DOAS unit in all mentioned rooms above shall be open end with VD.
5) All rough ins for thermostat, CO2 and wall devices indicated on drawings is I.C.
6) Provide Electric unit heater HUHAA-1048 in G120 storage.

c. Plumbing:

1) All plumbing fixtures and runout piping serving classrooms F107, pantry F107A, G120 and G122 indicated and hatched on drawing documents is N.I.C. Other plumbing work remains as shown and is I.C.
2) All sprinkler work is I.C.
3) All underground utilities are I.C.
4) Stub up and provide capped connection for sanitary rough-ins for all plumbing fixtures indicate on drawings.
5) All sanitary and vent risers are I.C. Provide capped connections at mains for runout piping.
6) All vents through roof are I.C.
7) All roof drains, overflow drains, storm water, OHD, etc. are I.C.
8) Valve and cap domestic water piping in corridor for future.

d. Electrical and Fire Alarm:

1) All Fire alarm work is I.C.
2) Access control power at exterior doors in F107 & G122 is I.C.
3) Exit light above exterior doors in F107 & G122 is I.C.
4) All rough ins for receptacles, light fixtures, controls, and all wall devices indicated on drawings is I.C.
5) Install emergency fixtures as indicated on drawings.
6) Provide 3P-20A breaker with (3) #12 + #12GW - 3/4”C in Panel M1G for electric heater and make all connections.

e. Technology: Provide and install pathways only, in classrooms C021, C024, C121, C124, C221, C224; Science classrooms C016, C116 and C216. Blank-off junction boxes and cap conduits/sleeves. Do not install cabling or devices related to Division 27.

f. Security: Security devices as indicated on TY drawings are I.C.

2. Alternate Bid: Fit out Hospitality and Tourism Management F107, Pantry F107A, and Technology Production Lab G122 as indicated in the specifications and drawing documents.

REVISE Paragraph 1.4.Q Alternate Bid No. 17: High School Classrooms. to read:

1. Base Bid: All interior work in classrooms G212, G213, G216, G217, G219, F201, F202, F203, Reading Intervention room F204, HS Science rooms G303, G306 and Prep room G304 indicated in the specifications and drawing documents is N.I.C.

a. Architectural:

1) Room entry HM frames, doors and door hardware as indicated in the drawings is I.C
2) Metal stud wall framing is I.C.

3) Shaft wall framing type Y3 is I.C.
4) Interior and exterior window blinds at all openings as noted on drawing sheets A310, A311 and A312 is I.C.

b. Mechanical:

1) All mechanical duct work from associated heat pumps and ceiling devices in G212, G213, G216, G217, G219, F201, F202, F203, F204, G303, G306 and G304 indicated and hatched on drawing documents is N.I.C. Other mechanical work in mentioned rooms remains as shown on document drawings and is I.C.
2) Supply and return duct from heat pumps in mentioned rooms above will be open end with VD.
3) Supply and Return ductwork from DOAS unit in mentioned rooms above where applicable shall be open end with VD.
4) All rough ins for thermostat, CO2 and wall devices indicated on drawings is I.C.

c. Plumbing:

1) All plumbing fixtures and runout piping serving G212, G213, G216, G217, G219, F201, F202, F203, F204, G303, G306 and G304 indicated and hatched on drawing documents is N.I.C. Other plumbing work remains as shown and is I.C.
2) All sprinkler work is I.C.
3) All underground utilities are I.C.
4) Stub up and provide capped connection for sanitary rough-ins for all plumbing fixtures indicate on drawings.
5) All sanitary and vent risers are I.C. Provide capped connections at mains for runout piping.
6) All vents through roof are I.C.
7) All roof drains, overflow drains, storm water, OHD, etc. are I.C.
8) Valve and cap domestic water piping & propane piping in corridor for future.

d. Electrical and Fire Alarm:

1) All Fire alarm work is I.C.
2) All rough ins for receptacles, light fixtures, controls, and all wall devices indicated on drawings is I.C.
3) Install emergency fixtures as indicated on drawings.

e. Technology: Provide and install pathways only in classrooms C021, C024, C121, C124, C221, C224; Science classrooms C016, C116 and C216. Blank-off junction boxes and cap conduits/sleeves. Do not install cabling or devices related to Division 27.

f. Security: Security devices as indicated on TY drawings are I.C.

2. Alternate Bid: Fit out classrooms G212, G213, G216, G217, G219, F201, F202, F203, Reading Intervention room F204, HS Science rooms G303, G306 and Prep room G304 as indicated in the specifications and drawing documents.

ITEM NO. 2 SECTION 261219 – PAD-MOUNTED, LIQUID-FILLED, MEDIUM-VOLTAGE TRANSFORMERS

REVISE Paragraph 2.2(i)(1) – Insulating Liquid to be FR3 Fluid.

ITEM NO. 3 SECTION 283111 – DIGITAL ADDRESSABLE FIRE-ALARM SYSTEM

ADD Paragraph 2.1(A) to list of manufacturers revise list as follows.

1. Fire-Lite by Honeywell ***(Basis of Design)***
2. ***Siemens***
3. ***Simplex***

DRAWING ITEMS:

CIVIL **NO ITEMS**

ARCHITECTURAL

ITEM NO. A1 A301 – EXTERIOR WALL TYPES

Revise sheet A301 per attached reissued sheet:

REVISE Replace wall type indicated as "NOT USED" with new Wall Type 4.1.
ADD New Wall Type 6.2.
ADD New Wall Type 6.3.

ITEM NO. A2 A306 – DOOR SCHEDULE

Revise sheet A306 per attached reissued sheet:

REVISE Frame Material for Doors B007A, B007B, and B007C to HM.

ITEM NO. A3 A307 – DOOR SCHEDULE

Revise sheet A307 per attached reissued sheet:

REVISE Frame Material for Doors D104A, D104B, D120A, D120B, F001A, and F001B to HM.
ADD "INCLUDE GRILLE" Remark for Door D113B.

ITEM NO. A4 A519 – PLAN DETAILS

Revise sheet A519 per attached reissued sheet:

ADD 4.1 (SIM) designation in blank wall type tag on Details A4, A18, and E4.

ITEM NO. A5 A800 – FURNITURE AND EQUIPMENT SCHEDULES

Revise sheet A800 per attached reissued sheet:

ADD Type G93 PERSPECTIVE DAMP CABINET under FURNISHING SCHEDULE – GENERAL.
ADD Type G94 PERSPECTIVE DRYING CABINET under FURNISHING SCHEDULE – GENERAL.

ITEM NO. A6 A801D – LEVEL 01 AREA D FURNITURE PLAN

Revise sheet A801D per attached reissued sheet:

REVISE Furnishings Type G54 in KILN ROOM D113 to new Types G93 and G94.

KITCHEN **NO ITEMS**

STRUCTURAL **NO ITEMS**

MECHANICAL

ITEM NO. M1 SHEET M101D– LEVEL 01 AREA D PARTIAL FLOOR PLAN

Revise sheet M101D per attached reissued sheet:

REVISE R7/1000 cfm and associated ductwork 26”x12” and 16”x12” to R7/500 cfm and associated ductwork to 24”x10” and 12”x10” with MOD in HS/GENERAL ART/SCULPTURE D112.

ADD R7/500 cfm and associated ductwork of 24”x10” and 12”X10” with MOD in HS/GENERAL ART/SCULPTURE D112.

REVISE S3/300 CFM supply diffuser, S3/250 CFM outdoor diffuser including all associated duct work, air flow direction and drawing note bubble arrowhead in Corridor D11.

MODIFY S10/150 CFM supply diffuser to be one way blow in corridor adjacent to Storage D119.

ADD MOD to 14”X10” R/A duct in Corridor D11.

ADD 20”x16” door grille to Kiln room D113.

ITEM NO. M2 SHEET M101F– LEVEL 01 AREA F PARTIAL FLOOR PLAN

Revise sheet M101F per attached reissued sheet:

REVISE S4/500 CFM to S5/700 CFM in classroom F107.

ITEM NO. M3 SHEET M101G– LEVEL 01 AREA G PARTIAL FLOOR PLAN

Revise sheet M101G per attached reissued sheet:

ADD EUH-24 in CTE SPEC. STORAGE G120.

ADD Thermostat in CTE SPEC. STORAGE G120.

REVISE S4/500 CFM to S5/700 CFM in classroom F107.

ADD MOD in 28”X12” return duct to classroom F107 and drawing note bubble 27.

ADD Drawing note 27. Incrementally close return air damper based on quantity of kitchen hood operation. Provide current sensor for each kitchen hood exhaust fan.

ITEM NO. M4 SHEET M102F– LEVEL 02 AREA F PARTIAL FLOOR PLAN

ADD Duct size 28”x12” to return to R/16/700 duct in FA reading intervention (CAS) F204

ITEM NO. M5 SHEET M903– WATER TO AIR HEAT PUMP & MECH. SCHEDULE

Revise sheet M903 per attached reissued sheet:
ADD EUH-24 in electric unit heater Schedule.

ITEM NO. M6 SHEET M904– FAN AND MISCELLANEOUS SCHEDULE

Revise sheet M904 per attached reissued sheet:
REVISE Fan 45 and 46 characteristics in their entireties in Fan Schedule.

PLUMBING **NO ITEMS**

ELECTRICAL

ITEM NO. E1 SHEET E601 – SCHEMATIC POWER RISER DIAGRAM

Revise sheet E601 per attached reissued sheet:
REVISE HS-MSB to indicate 3000A in lieu of 4000A.

ITEM NO. E2 SHEET E201G – LEVEL 01 AREA G PARTIAL FLOOR PLAN - POWER

Revise sheet E201G per attached reissued sheet:
ADD EUH-24 to CTE SPEC. SOTRAGE G120.
ITEM NO. E3 SHEET E702 – MECHANICAL EQUIPMENT CONNECTION SCHEDULES

Revise sheet E702 per attached reissued sheet:
ADD EUH-24 electrical info and notes.

ITEM NO. E3 SHEET E711 – PANEL SCHEDULES

Revise sheet E711 per attached reissued sheet:
ADD EUH-24 circuit breaker and wiring to Panel M1G.

TECHNOLOGY **NO ITEMS**

AUDIOVISUAL **NO ITEMS**

THEATER **NO ITEMS**

SECURITY **NO ITEMS**

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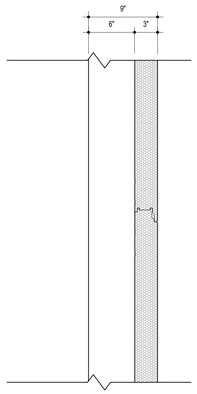
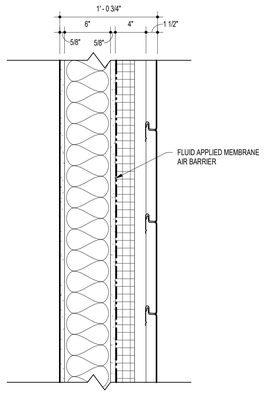
EXTERIOR WALL TYPES



7.1 **EXTERIOR WALL CONSISTING OF (AS SHOWN)**
3" INSULATED METAL PANEL
6" COLD-FORMED METAL FRAMING
R-VALUE: 21.6

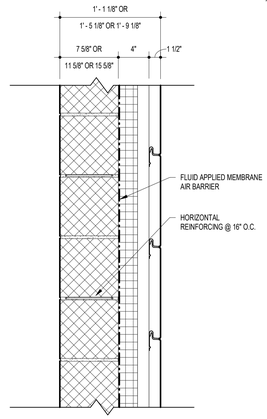


6.1 **EXTERIOR WALL CONSISTING OF (AS SHOWN)**
1-1/2" METAL PANEL (SEE ELEVATIONS FOR TYPE) W/ 4" COMPOSITE Z-GIRT
1-1/2" AIR GAP
2-1/2" RIGID INSULATION
5/8" EXTERIOR GYPSUM SHEATHING
6" COLD-FORMED METAL FRAMING W/ R-19 BATT INSULATION
5/8" GYPSUM WALL BOARD
R-VALUE: 26.83

ADD 1

6.2 **EXTERIOR WALL CONSISTING OF (AS SHOWN)**
1-1/2" METAL PANEL (SEE ELEVATIONS FOR TYPE) W/ 4" COMPOSITE Z-GIRT
1-1/2" AIR GAP
2-1/2" RIGID INSULATION
5/8" EXTERIOR GYPSUM SHEATHING
8" COLD-FORMED METAL FRAMING W/ R-19 BATT INSULATION
5/8" GYPSUM WALL BOARD
R-VALUE: 26.83

6.3 **EXTERIOR WALL CONSISTING OF (AS SHOWN)**
1-1/2" METAL PANEL (SEE ELEVATIONS FOR TYPE) W/ 4" COMPOSITE Z-GIRT
1-1/2" AIR GAP
2-1/2" RIGID INSULATION
5/8" EXTERIOR GYPSUM SHEATHING
10" COLD-FORMED METAL FRAMING W/ R-19 BATT INSULATION
5/8" GYPSUM WALL BOARD
R-VALUE: 26.83

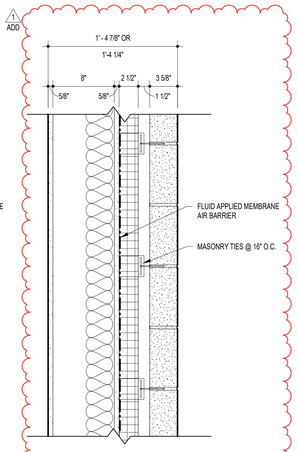


5.1 **EXTERIOR WALL CONSISTING OF (AS SHOWN)**
1-1/2" METAL PANEL (SEE ELEVATIONS FOR TYPE) W/ 4" COMPOSITE Z-GIRT
1-1/2" AIR GAP
2-1/2" RIGID INSULATION
8" NOMINAL CMU
R-VALUE: 19.71

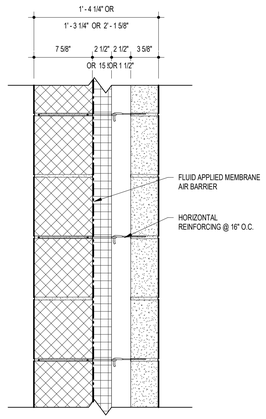
5.2 **EXTERIOR WALL CONSISTING OF**
1-1/2" METAL PANEL (SEE ELEVATIONS FOR TYPE) W/ 4" COMPOSITE Z-GIRT
1-1/2" AIR GAP
2-1/2" RIGID INSULATION
12" NOMINAL CMU
R-VALUE: 19.88

5.3 **EXTERIOR WALL CONSISTING OF**
1-1/2" METAL PANEL (SEE ELEVATIONS FOR TYPE) W/ 4" COMPOSITE Z-GIRT
1-1/2" AIR GAP
2-1/2" RIGID INSULATION
16" NOMINAL CMU
R-VALUE: 19.88

ADD 1



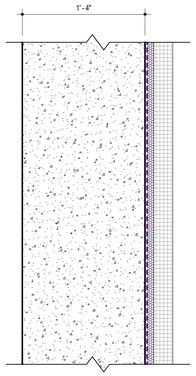
4.1 **EXTERIOR WALL CONSISTING OF (AS SHOWN)**
4" BUILDING STONE
1-1/2" AIR GAP
2-1/2" RIGID INSULATION
5/8" EXTERIOR GYPSUM SHEATHING
8" COLD-FORMED METAL FRAMING W/ R-19 BATT INSULATION
5/8" GYPSUM WALL BOARD
R-VALUE: 20.27



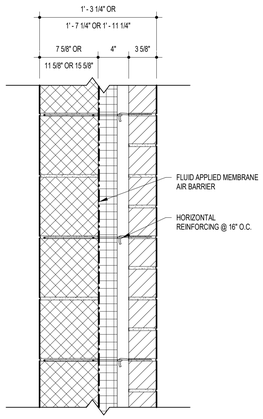
3.1 **EXTERIOR WALL CONSISTING OF (AS SHOWN)**
4" BUILDING STONE
2-1/2" AIR GAP
2-1/2" RIGID INSULATION
8" NOMINAL CMU
R-VALUE: 20.15

3.2 **EXTERIOR WALL CONSISTING OF**
4" BUILDING STONE
1-1/2" AIR GAP
2-1/2" RIGID INSULATION
12" NOMINAL CMU
R-VALUE: 20.15

3.3 **EXTERIOR WALL CONSISTING OF**
4" BUILDING STONE
1-1/2" AIR GAP
2-1/2" RIGID INSULATION
16" NOMINAL CMU
R-VALUE: 20.15



2.1 **EXTERIOR WALL CONSISTING OF (AS SHOWN)**
2" EXTRUDED POLYSTYRENE
MOLDED-SHEET DRAINAGE PANEL
MODIFIED BITUMINOUS SHEET WATERPROOFING
16" CAST-IN-PLACE CONCRETE RETAINING WALL
- SEE STRUCTURAL



1.1 **EXTERIOR WALL CONSISTING OF (AS SHOWN)**
4" NOMINAL UTILITY BRICK (SEE ELEVATIONS FOR TYPE)
1-1/2" AIR GAP
2-1/2" RIGID INSULATION
8" NOMINAL CMU
R-VALUE: 20.15

1.2 **EXTERIOR WALL CONSISTING OF**
4" NOMINAL UTILITY BRICK (SEE ELEVATIONS FOR TYPE)
1-1/2" AIR GAP
2-1/2" RIGID INSULATION
12" NOMINAL CMU
R-VALUE: 20.32

1.3 **EXTERIOR WALL CONSISTING OF**
4" NOMINAL UTILITY BRICK (SEE ELEVATIONS FOR TYPE)
1-1/2" AIR GAP
2-1/2" RIGID INSULATION
16" NOMINAL CMU
R-VALUE: 20.32

0 10' 20' 40'

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ARCHITECTS

GP #22105

EXTERIOR WALL TYPES

NORTH EAST MIDDLE / HIGH SCHOOL
300 IRISHTOWN ROAD, NORTH EAST, MD

DATE	DESCRIPTION
03/13/2024	ADDENDUM 1

A301

12/22/2023
BID SET

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18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

	DOOR					FRAME					DOOR LABEL FIRE RATING	HARDWARE SET	REMARKS
	NOMINAL SIZE							SECTIONS					
DOOR #	WIDTH	HEIGHT	THK.	TYPE	MATL	MATL	TYPE	JAMB	HEAD	SILL			
A01A	6' - 0"	7' - 0"	1 3/4"	FG2	ALUM	ALUM	CW03					449	1,2
A001A	6' - 0"	7' - 0"	1 3/4"	FG2	SCWD	HM	05	J6	H3	S4		325	1,2
A01B	6' - 0"	7' - 0"	1 3/4"	FG2	ALUM	ALUM	CW03					448	1,2
A001B	3' - 0"	7' - 0"	1 3/4"	FG2	SCWD	HM	04	J6	H3	S4		612	1
A01C	6' - 0"	7' - 0"	1 3/4"	FG2	ALUM	ALUM	CW03					448	1,2
A002	6' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J6	H6	S4		823	10,14
A02A	6' - 0"	7' - 0"	1 3/4"	NV	SCWD	HM	05	J1	H3	-		220	1,6,13
A02B	3' - 0"	7' - 0"	1 3/4"	NV	SCWD	HM	04	J1	H3	-		212	1,6,13
A03A	6' - 0"	7' - 0"	1 3/4"	NV	SCWD	HM	06	J1	H3	S1		325	1,2
A003A	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J6	H6	S4		912	1,9,GALVANIZE FRAME
A03B	6' - 0"	7' - 0"	1 3/4"	NV	SCWD	HM	06	J1	H3	S1		325	1,2
A003B	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J6	H6	S4		911	1,9,GALVANIZE FRAME
A004	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J6	H6	S4		713	
A005	6' - 0"	7' - 0"	1 3/4"	NV	SCWD	HM	01	J1	H1	-		822	1,10
A006A	6' - 0"	7' - 0"	1 3/4"	FG2	ALUM	ALUM	CW04			S6		445	1,2
A006B	6' - 0"	7' - 0"	1 3/4"	FG2	ALUM	ALUM	CW04			S6		445	1,2
A006C	6' - 0"	7' - 0"	1 3/4"	FG2	ALUM	ALUM	CW04			S6		445	1,2
A006D	6' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J6	H15	S6		325	1,2
A006E	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J6	H15	S6		835	14
A007	6' - 0"	7' - 0"	1 3/4"	NV	SCWD	HM	01	J6	H15	S6		823	10,14
A007A	6' - 0"	7' - 0"	1 3/4"	NV	SCWD	HM	01	J1	H1	-		822	1,10,14
A008	6' - 0"	7' - 0"	1 3/4"	NV	SCWD	HM	01	J6	H15	S6		823	10,14
A009A	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S3		512	
A009B	4' - 0"	4' - 0"	2"	S			-	H7/A421	K7/A421	-		400	20 (SMOKE RATED)
A010	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S4		210	1,6,13
A011	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S4		210	1,6,13
A11A	6' - 0"	7' - 0"	1 3/4"	FG2	ALUM	ALUM	CW30			-		446	1,2,23
A11B	6' - 0"	7' - 0"	1 3/4"	FG2	ALUM	ALUM	CW30			-		447	1,2,22,23
A012	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	16	J1/J5	H1	-		515	
A12A	6' - 0"	7' - 0"	1 3/4"	FG2	SCWD	HM	01	J2	H2	-		320	1,2,5
A12B	6' - 0"	7' - 0"	1 3/4"	FG2	SCWD	HM	01	J2	H2	-		320	1,2,5
A13	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	02	J2/J5	H2	-		111	1
A013A	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S3		516	1,GALVANIZE FRAME
A013B	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S3		516	1,GALVANIZE FRAME
A14	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	02	J2/J5	H2	-		111	1
A014	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S3		510	
A014A	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S4		112	9,GALVANIZE FRAME
A015	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S3		510	
A015A	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S4		112	9,GALVANIZE FRAME
A016A	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S3		516	1,GALVANIZE FRAME
A016B	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S3		516	1,GALVANIZE FRAME
A016C	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S4		113	1,9,GALVANIZE FRAME
A17	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	02	J1/J5	H1	S1		511	1
A017A	6' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S4		521	1,10
A017B	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S4		511	1
A18	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	02	J2/J5	H2	-		111	1
A018A	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S4		511	1
A018B	6' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S4		521	1,10
A019	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S1		815	1,14,22,23
A020A	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S3		516	1,GALVANIZE FRAME
A020B	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S3		516	1,GALVANIZE FRAME
A020C	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S4		113	1,9,GALVANIZE FRAME
A021	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S3		510	
A021A	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S4		112	9,GALVANIZE FRAME
A022A	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S3		516	1,GALVANIZE FRAME
A022B	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S3		516	1,GALVANIZE FRAME
A023	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S3		510	
A023A	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S4		112	9,GALVANIZE FRAME
A024	6' - 0"	7' - 0"	1 3/4"	NV	SCWD	HM	01	J1	H1	-		822	1,10,14
A025A	6' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J6	H15	S6		325	1,2
A025B	6' - 0"	7' - 0"	1 3/4"	NV	SCWD	HM	01	J1	H14	S6		325	1,2
A025C	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J6	H15	S6		836	
A026	6' - 0"	7' - 0"	1 3/4"	NV	SCWD	HM	01	J6	H15	S6		824	10
A027	6' - 0"	7' - 0"	1 3/4"	NV	SCWD	HM	01	J6	H15	S6		824	10
A028	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S1		812	1
A029	4' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S1		814	1
A030	3' - 0"	7' - 0"	1 3/4"	HG	SCWD	HM	02	J1/J5	H1	-		513	1
A031	6' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S4		521	1,10
A031A	6' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	-		823	10,14, 1" UNDERCUT
A101A	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	17	J1/J5	H1	S1		819	1,22,23,REMOTE RELEASE
A101B	3' - 0"	7' - 2"	1 3/4"	F	SCWD	HM	17	J1/J5	H1	S1		831	1,22,23,REMOTE RELEASE
A103	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	02	J2/J5	H2	S1		110	
A108A	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	02	J2/J5	H2	S1		110	
A108B	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	02	J2/J5	H2	S1		110	
A109	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J2	H2	S4		113	1,9
A110	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	02	J2/J5	H2	-		510	
A111	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J2	H2	S4		113	1,9
A112	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	02	J2/J5	H2	-		510	
A113	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	02	J2/J5	H2	-		510	
A114	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	02	J2/J5	H2	-		510	
A115	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	02	J2/J5	H2	-		114	1,6
A116	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J2	H2	-		810	
A117	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	02	J2/J5	H2	-		510	
A118	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	02	J2/J5	H2	-		510	
A119	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	02	J2/J5	H2	-		510	
A120	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J2	H2	-		810	
A121	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	02	J2/J5	H2	-		510	
A122	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J2	H2	S1		816	1,11
A123	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J2	H2	S4		113	1,9
A124	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J2	H2	-		710	
A125	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J2	H2	-		810	
A126	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J2	H2	-		810	
A127	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	20	J1/J5	H1	S1		511	1
A128A	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	21	J1/J5	H1	S1		511	1
A128B	3' - 0"	7' - 0"	1 3/4"	HG	SCWD	HM	01	J2	H2	S1		710	
A129	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J2	H2	S4		113	1,9
A131	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J2	H2	S4		113	1,9
A132	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J2	H2	-		810	
A133	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J2	H2	-		810	
A134	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	02	J2/J5	H2	-		510	
A135	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J2	H2	-		810	
A136	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	02	J2/J5	H2	-		510	
A137	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	02	J2/J5	H2	-		510	
A138	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	02	J2/J5	H2	-		510	
A139	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J2	H2	-		810	
A140	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	02	J2/J5	H2	S1		510	
A141	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	02	J2/J5	H2	-		510	
A142	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	02	J2/J5	H2	-		510	
A143	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	02	J2/J5	H2	-		510	
A144A	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	02	J1/J5	H1	S1		515	
A144B	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	02	J2/J5	H2	-		515	
A145	6' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J2	H2	S1		826	10,11,14
A146	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	10	J2/J5	H2	S1		110	
A147	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	02	J2/J5	H2	-		510	
A150	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	22	J1/J5	H1	S1		511	1
A151	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	19	J1/J5	H1	S1		511	1
A152	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J2	H2	S4		112	9
A153	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J2	H2	S4		112	9
A154	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	16	J2/J5	H2	-		510	
A156	3' - 0"	7' - 0"	1 3/4"	HG	SCWD	HM	01	J2	H2	-		115	
A157	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J2	H2	-		810	
A158	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	16	J2/J5	H2	-		510	
A159	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J2	H2	S4		112	9
A161	3' - 0"	7' - 0"	1 3/4"	HG	SCWD	HM	01	J2	H2	-		115	
A162	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J2	H2	-		810	
A163	3' - 0"	7' - 0"	1 3/4"	HG	SCWD	HM	01	J1	H1	S1		515	
A164	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S4		113	1,9
A165	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	12	J1/J5	H1	-		511	1
A166	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	10	J2/J5	H2	S1		110	
A167	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	02	J2/J5	H2	S1		510	
A168	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	02	J2/J5	H2	S1		510	
A169	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	02	J2/J5	H2	-		510	
A170	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	02	J2/J5	H2	-		510	
A171	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	02	J2/J5	H2	-		510	
A172	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	02	J2/J5	H2	-		510	
A173	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	02	J2/J5	H2	-		510	
A174	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J2	H2	S1		815	1,22,23
A174A	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J2	H2	S1		816	1,11,14
A175	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	10	J2/J5	H2	S1		110	
A176	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J2	H2	S4		113	1,9
A177	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	02	J2/J5	H2	-		510	
A179	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	02	J1/J5	H1	-		515	
B01A	6' - 0"	7' - 0"	1 3/4"	FG2	ALUM	ALUM	CW09			-		420	1,13
B01B	6' - 0"	7' - 0"	1 3/4"	FG2	ALUM	ALUM	CW09			-		420	1,13
B002	6' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S1		822	1,10
B003	6' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S1		822	1,10
B004	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S4		210	1,6,13
B004A	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S4		113	1,9
B005	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S4		210	1,6,13
B006	22' - 8"	8' - 0"	2"	S			-	H4/A421	K4/A421	S1		400	20 (SMOKE RATED)
B007A	6' - 0"	7' - 0"	1 3/4"	FG2	SCWD	HM	13	J1/J5	H3	S1		325	1,2,14
B007B	6' - 0"	7' - 0"	1 3/4"	FG2	SCWD	HM	14	J5	H3	S1		328	1,2,14
B007C	6' - 0"	7' - 0"	1 3/4"	FG2	SCWD	HM	14	J5	H3	S1		328	1,2,14
B008	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S4		113	1,9

1 ADD

	DOOR					FRAME					DOOR LABEL FIRE RATING	HARDWARE SET	REMARKS
	NOMINAL SIZE							SECTIONS					
DOOR #	WIDTH	HEIGHT	THK.	TYPE	MATL	MATL	TYPE	JAMB	HEAD	SILL			
B009	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S4		113	1,9
B010	6' - 0"	7' - 0"	1 3/4"	NV	SCWD	HM	01	J1	H1	-		823	10,14
B11	8' - 0"	7' - 0"	1 3/4"	NV	SCWD	HM	05	J1	H3	S1		329	1,2,5
B011	20' - 0"	8' - 0"	2"	S			-	H4/A421	K4/A421	S1		400	20
B012	4' - 0"	7' - 0"	1 3/4"	F	HM	HM	01	J1	H1	S1		514	1
B013	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S4		211	1,13, INCLUDE GRILLE
B013A	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	-		112	9, INCLUDE GRILLE
B014	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S1		812	1, INCLUDE GRILLE
B015	3' - 0"	7' - 0"	1 3/4"	HG	SCWD	HM	03	J1/J5	H1	S1		510	
B017	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S1		213	1,13,14
B017A	4' - 0"	4' - 0"	2"	S			-	H7/A421	K7/A421	K7/A421		400	20 (SMOKE RATED)
B017B	4' - 0"	4' - 0"	2"	S			-	H7/A421	K7/A421	K7/A421		400	20
B018	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	-		713	
B021	6' - 0"	7' - 0"	1 3/4"	NV	SCWD	HM	01	J1	H1	S1		522	1,5,10
B022	6' - 0"	7' - 0"	1 3/4"	NV	SCWD	HM	01	J1	H1	-		822	1,10
B023	6' - 0"	7' - 0"	1 3/4"	NV	SCWD	HM	01	J1	H1	-		822	1.1
B024	3' - 0"	7' - 0"	1 3/4"	F	HM	HM	01	J1	H1	-		837	1,22,23
B025	3' - 0"	7' - 0"	1 3/4"	F	HM	HM	01	J1	H1	-	90 MIN.	311	1,2
B026	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S4		117	1
B026A	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	-		112	9,GALVANIZE FRAME
B027	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	08	J1/J5	H1	S1		531	1
B101	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	02	J1/J5	H1	-		515	
B102	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S4		113	1,9
B103	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	02	J1/J5	H1	-		515	
B104	2' - 8"	7' - 2"	1 3/4"	F	SCWD	HM	12	J1/J5	H1	-		515	
B105	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	03	J1/J5	H1	-		515	
B105A	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	-		515	
B106	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S1		816	1,11,14
B107A	7' - 0"	7' - 0"	1 3/4"	NV	SCWD	HM	01	J1	H1	S1		523	10
B107B	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S1		515	
B108	7' - 0"	7' - 0"	1 3/4"	NV	SCWD	HM	01	J1	H1	-		823	10
B109	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	02	J1/J5	H1	-		513	1
B110	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S4		113	1,9
B111	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	02	J1/J5	H1	-		515	
B112	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	03	J1/J5	H1	-		515	
B201	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S4		210	1,13
B201A	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S4		113	1,9
B202	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S4		210	1,13
B203	6' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S1	90 MIN.	825	1,10,11,14
B204	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	03	J1/J5	H1	-		515	
B204A	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S1		816	1,11,14
B205	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S4		913	1,9
B206	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	02	J1/J5	H1	-		513	1
B207	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	03	J1/J5	H1	-		515	
B208A	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	03	J1/J5	H1	-	45 MIN.	511	1
B208B	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	02	J1/J5	H1	-	45 MIN.	511	1
B209A	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J2	H2	-		713	
B209B	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J2	H2	-		713	
B210	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S1		816	1,11,14
B211	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	03	J1/J5	H1	-		515	
B212A	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	02	J1/J5	H1	-	45 MIN.	511	1
B212B	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	03	J1/J5	H1	-	45 MIN.	511	1
C001	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	03	J1/J5	H1	-		515	
C01A	8' - 0"	7' - 0"	1 3/4"	NV	SCWD	HM	05	J1/J7	H3	S5		329	1,2,5
C01B	7' - 0"	7' - 0"	1 3/4"	NV	SCWD	HM	05	J1	H3	S5		329	1,2,5
C002A	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	11	J1/J5	H1	-		515	
C002B	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	11	J1/J5	H1	-		515	
C003	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	02	J1/J5	H1	-		517	1
C004	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S1		816	1,11,14
C005	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S1		815	1,22,23
C006	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	-		811	1
C007	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	03	J1/J5	H1	-		515	
C008	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S4		210	1,6,13
C008A	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S4		113	1,9
C009	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	03	J1/J5	H1	-		515	
C010	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S4		210	1,6,13
C011	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S1		816	1,11,14
C11A	7' - 0"	7' - 0"	1 3/4"	NV	SCWD	HM	05	J1	H3	S5		329	1,2,5
C11B	8' - 0"	7' - 0"	1 3/4"	NV	SCWD	HM	05	J1	H3	-		329	1,2,5
C012	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	03	J1/J5	H1	-		515	
C013A	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	02	J1/J5	H1	-	45 MIN.	511	1
C013B	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	03	J1/J5	H1	-	45 MIN.	511	1
C014	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	-	45 MIN.	511	1
C015	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S1		816	1,11,14
C016A	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	03	J1/J5	H1	-	45 MIN.	511	1,14
C016B	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	02	J1/J5	H1	-	45 MIN.	511	1
C017A	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	03	J1/J5	H1	-	45 MIN.	511	1
C017B	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	02	J1/J5	H1	-	45 MIN.	511	1
C019	3' - 0"	7' - 0"	1 3/4"	HG	SCWD	HM	03	J1/J5	H1	-		513	1
C020A	6' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S1		825	1,10,11,14
C020B	6' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S1		825	1,10,11,14
C021	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	03	J1/J5	H1	-		515	
C21A	7' - 0"	7' - 0"	1 3/4"	NV	SCWD	HM	05	J1	H3	S5		329	1,2,5
C021A	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S1		816	1,11,14
C21B	8' - 0"	7' - 0"	1 3/4"	NV	SCWD	HM	05	J1	H3	-		329	1,2,5
C022	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S1		816	1,11,14
C023	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S1		816	1,11,14
C024	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	03	J1/J5	H1	-		515	
C025	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S4		913	1,9
C026	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S1		812	1
C027	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	03	J1/J5	H1	-		515	
C028	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S1		816	1,11,14
C029	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	03	J1/J5	H1	-		515	
C030	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S1		816	1,11,14
C031	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	03	J1/J5	H1	-		515	
C032	3' - 0"	7' - 0"	1 3/4"	HG	SCWD	HM	01	J6	H6	-		515	
C101	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	03	J1/J5	H1	-		515	
C101A	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	-		810	3/4" UNDERCUT
C102A	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	11	J1/J5	H1	-		515	
C102B	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	11	J1/J5	H1	-		515	
C103	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	-		517	1
C104	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S1		816	1,11,14
C105	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S1		815	1,22,23
C106	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	-		517	1
C107	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	03	J1/J5	H1	-		515	
C108	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S4		210	1,6,13
C108A	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S4		113	1,9
C109	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	03	J1/J5	H1	-		515	
C110	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S4		210	1,6,13
C111	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S1		816	1,11,14
C112	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	03	J1/J5	H1	-		515	
C113A	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	02	J1/J5	H1	-	45 MIN.	511	1
C113B	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	03	J1/J5	H1	-	45 MIN.	511	1
C114	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	-	45 MIN.	511	1
C115	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S1		816	1,11,14
C116A	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	03	J1/J5	H1	-	45 MIN.	511	1
C116B	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	02	J1/J5	H1	-	45 MIN.	511	1
C117A	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	03	J1/J5	H1	-	45 MIN.	511	1
C117B	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	02	J1/J5	H1	-	45 MIN.	511	1
C119	3' - 0"	7' - 0"	1 3/4"	HG	SCWD	HM	03	J1/J5	H1	-		513	1
C120A	6' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S1		825	1,10,11,14
C120B	6' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S1		825	1,10,11,14
C121	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	03	J1/J5	H1	-		515	
C121A	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S1		816	1,11,14
C122	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S1		816	1,11,14
C123	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S1		816	1,11,14
C124	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	03	J1/J5	H1	-		515	
C125	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S4		913	1,9
C126	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S1		812	1
C127	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	03	J1/J5	H1	-		515	
C128	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S1		816	1,11,14
C129	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	03	J1/J5	H1	-		515	
C130	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	-		812	1
C131	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S1		816	1,11,14
C132	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	03	J1/J5	H1	-		515	
C133	3' - 0"	7' - 0"	1 3/4"	HG	SCWD	HM	02	J6/J5	H6	-		515	
C134	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S1		816	1,11,14
C201	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	03	J1/J5	H1	-		515	
C202A	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	11	J1/J5	H1	-		515	
C202B	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	11	J1/J5	H1	-		515	
C203	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	-		812	1
C204	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S1		816	1,11,14
C205	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S1		815	1,22,23
C206	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	11	J1/J5	H1	-		515	
C207	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	03	J1/J5	H1	-		515	
C208	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S4		210	1,6,13
C208A	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S4		113	1,9
C209	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	03	J1/J5	H1	-		515	
C210	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S4		210	1,6,13
C211	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S1		816	1,11,14
C212	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	03	J1/J5	H1	-		515	
C213	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	03	J1/J5	H1	-	45 MIN.	511	1
C213A	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	02	J1/J5	H1	-	45 MIN.	511	1
C214	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	-	45 MIN.	511	1

TYPICAL DETAILS

DOORS NOT LISTED ON THE SCHEDULE TO HAVE THE TYPICAL FINISHES LISTED BELOW:

DOOR:
- WIDTH: 3'-0"
- HEIGHT: 7'-0"
- THICKNESS: 1-3/4"
- TYPE: F
- MATERIAL: SCWD
- DOOR LABEL: NONE

FRAME:
- MATERIAL: HM
- TYPE: 1
- JAMB: J1
- HEAD: H1
- SILL: NONE

TYPICAL DOOR NOTES

1. COORDINATE AND PROVIDE HARDWARE AS DETAILED IN THE SPECIFICATIONS OR, IF NOT SPECIFIED, PROVIDE HARDWARE (OF EQUAL QUALITY TO THAT SPECIFIED, AND MOST SIMILAR IN FUNCTION TO TYPE OF DOOR) REQUIRED FOR DOORS TO OPERATE AND APPEAR AS INTENDED ON DRAWINGS.
2. PROVIDE BRUSHED STAINLESS STEEL KICK PLATES ON PUSH SIDE OF DOORS WITH PUSH BARS OR CLOSER DEVICES. REFER TO HARDWARE SPECIFICATIONS FOR KICK PLATE DIMENSIONS.
3. PROVIDE EXPOSED HARDWARE WITH BRUSHED-IN FINISH AND "SILVER" METALLIC IN COLOR (ALUMINUM, CHROME, OR STEEL).
4. WHEN EXPOSED CLEAR FINISHED WOOD DOORS ARE PAIRED, TAKE CARE TO SELECT MATCHING GRAIN TYPE AND COLOR FOR EACH DOOR IN PAIR.
5. IF CONFLICT EXISTS BETWEEN DOOR RATING AS SCHEDULED AND WALL/PARTITION TYPE FIRE RATING AS SHOWN ON PLANS, PROVIDE DOOR(S) WITH THE GREATER FIRE RATING OF THE TWO.
6. VERIFY ALL DIMENSIONS AND CLEARANCES, AND COORDINATE UNDERCUTTING REQUIRED TO CLEAR ADJACENT FLOOR MATERIALS.
7. IF A DISCREPANCY EXISTS BETWEEN THE DOOR SCHEDULE REMARKS AND THE HARDWARE SCHEDULE IN THE SPECIFICATIONS, PROVIDE THE HARDWARE NEEDED TO MEET THE MORE STRINGENT OF THE REQUIREMENTS.
8. SEE SPECIFICATIONS FOR SCHEDULED HARDWARE SETS.
9. PROVIDE CONTINUOUS WEATHERSTRIPPING AND DOOR BOTTOM SEALS AT EXTERIOR DOORS AS SPECIFIED.

DOOR UNDERCUTS

PROVIDE THE FOLLOWING UNDERCUTS AT ALL DOORS:

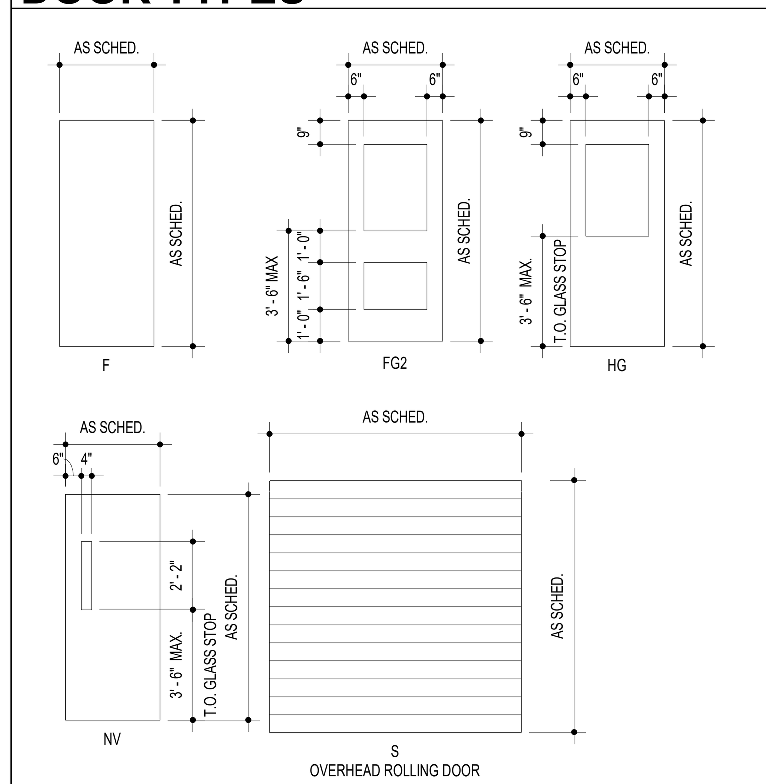
- EXTERIOR DOORS WITH THRESHOLDS: 1/8" ABOVE THERSHOLD HEIGHT
- DOOR WITH AUTOMATIC DOOR BOTTOMS: AMOUNT REQUIRED BY DOOR BOTTOM MFR
- DOORS WITH THRESHOLD AND AUTOMATIC DOOR BOTTOM: HEIGHT OF THRESHOLD AND AMOUNT REQUIRED BY DOOR BOTTOM MFR
- ALL OTHER DOORS: 5/8" ABOVE FINISH FLOOR

NOTES FOR REMARKS COLUMN

NOTE: NOT ALL NOTES MAY BE USED ON THIS PROJECT. SEE SPECIFICATIONS FOR ADDITIONAL DOOR INFORMATION. REFERENCE SPECIFICATIONS FOR DETAILED HARDWARE REQUIREMENTS.

1. PROVIDE ADA COMPLIANT CLOSER (ONE CLOSER FOR EACH DOOR OF PAIR).
2. PROVIDE PANIC HARDWARE.
3. PROVIDE ALARMED PANIC HARDWARE.
4. PROVIDE ADA AUTOMATIC SWING DOOR OPERATOR WITH PUSH BUTTON CONTROLS AND ASSOCIATED SIGNAGE.
5. PROVIDE DOORS WITH ELECTROMAGNETIC HOLD OPEN DEVICES - CONNECT TO FIRE ALARM SYSTEM TO CLOSE UPON ACTIVATION -- SEE ELECTRICAL DRAWINGS.
6. PROVIDE WITH HOLD OPEN FEATURE IN CLOSER.
7. PROVIDE WEATHERSTRIPPING ON ALL SIDES, TOP AND BOTTOM OF DOOR.
8. PROVIDE DOOR WITH INSULATED CORE.
9. PROVIDE HARDWARE WITH PRIVACY SET.
10. PROVIDE FLUSH BOLTS ON INACTIVE LEAF.
11. PROVIDE SOUND SEALS ON TOP AND SIDES WITH DROP SEAL AT DOOR BOTTOM.
12. PROVIDE SOUND RATED DOOR SYSTEM COMPLETE WITH ALL ASSOCIATED HARDWARE.
13. PROVIDE WITH PUSH / PULL OPERATION.
14. PROVIDE HARDWARE SO DOORS CAN OPEN 180 DEGREES.
15. DOUBLE EGRESS DOOR.
16. INSULATED COILING DOOR.
17. (NOT USED)
18. DOUBLE ACTING DOOR FUNCTION.
19. PROVIDE PACKAGE DOOR SYSTEM.
20. COILING SECURITY GRILLE.
21. PROVIDE WITH MECHANICAL PUSH BUTTON COMBINATION LOCK.
22. PROVIDE WITH CARD READER AND ASSOCIATED HARDWARE.
23. SECURITY SYSTEM DOOR SWITCH AT HM FRAME - COORDINATE WITH ELECTRICAL.
24. PROVIDE WITH MAGNETIC LOCKS AND OPEN RELEASE BUTTON - CONNECT TO FIRE ALARM SYSTEM TO OPEN UPON ACTIVATION - SEE ELECTRICAL DRAWINGS.

DOOR TYPES



NOTE: (UNLESS OTHERWISE NOTED)
1. ALL GLASS IN EXTERIOR DOORS TO BE G-10
2. ALL GLASS IN INTERIOR DOORS TO BE G-2
3. ALL GLASS IN RATED DOORS TO BE G-9

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GRIMM + PARKER ARCHITECTS

GP #22105

DOOR SCHEDULE

NORTH EAST MIDDLE / HIGH SCHOOL
300 IRISHTOWN ROAD, NORTH EAST, MD

DATE	DESCRIPTION
03/13/2024	ADDENDUM 1

A306

12/22/2023
BID SET

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DOOR #	DOOR NOMINAL SIZE WIDTH	HEIGHT	THK.	TYPE	MATL	FRAME MATL	TYPE	SECTIONS JAMB	HEAD	SILL	DOOR LABEL FIRE RATING	HARDWARE SET	REMARKS
C215	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S1		816	1,11,14
C216A	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	03	J1/J5	H1	-	45 MIN.	511	1
C216B	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	02	J1/J5	H1	-	45 MIN.	511	1
C217A	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	03	J1/J5	H1	-	45 MIN.	511	1
C217B	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	02	J1/J5	H1	-	45 MIN.	511	1
C219	3' - 0"	7' - 0"	1 3/4"	HG	SCWD	HM	03	J1/J5	H1	-		513	1
C220A	6' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S1		825	1,10,11,14
C220B	6' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S1		825	1,10,11,14
C221	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	03	J1/J5	H1	-		515	
C221A	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S1		816	1,11,14
C222	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S1		816	1,11,14
C223	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S1		816	1,11,14
C224	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	03	J1/J5	H1	-		515	
C225	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S4		913	1,9
C226	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S1		812	1
C227	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	03	J1/J5	H1	-		515	
C228	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S1		816	1,11,14
C229	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	03	J1/J5	H1	-		515	
C230	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S1		816	1,11,14
C231	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	03	J1/J5	H1	-		515	
C232	3' - 0"	7' - 0"	1 3/4"	HG	SCWD	HM	02	J6/J5	H6	-		515	
C233	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S1		816	1,11,14
D11	8' - 0"	7' - 0"	1 3/4"	NV	SCWD	HM	01	J1	H1	S1	90 MIN.	327	1,2,5
D101	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S1		816	1,11
D102	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S1		812	1
D102A	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S4		113	1,9
D103	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S1		810	
D104A	6' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	07	J2/J8	H2	-		340	1,2,6,11
D104B	6' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	07	J2/J8	H2	-		340	1,2,6,11
D105	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S4		210	1,6,13
D106	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S4		210	1,6,13
D107	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	02	J1/J5	H1	S1		515	
D108A	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	02	J1/J5	H1	S1		515	
D108B	4' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S1		515	
D109	4' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	-		830	
D111	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J6	H6	S1		816	1,11,14
D112A	4' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S1		515	
D112B	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	02	J1/J5	H1	S1		515	
D113A	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	-		713	
D113B	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	-		713	INCLUDE GRILLE
D114	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S1		815	1,22,23
D115A	3' - 0"	7' - 0"	1 3/4"	HG	SCWD	HM	02	J1/J5	H1	S1		515	
D115B	6' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	-	90 MIN.	521	1,10
D116	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	-		810	
D117	6' - 0"	7' - 0"	1 3/4"	NV	SCWD	HM	01	J1	H1	-	90 MIN.	521	1,10
D118	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	02	J1/J5	H1	-		515	
D119	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	-		810	1/2" UNDERCUT
D120A	6' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	07	J6/J8	H15	S1		341	1,2,6,11
D120B	6' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	07	J6/J8	H15	S1		342	1,2,6,11
D120C	6' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S1	90 MIN.	343	1,2,11
D120D	6' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S1	90 MIN.	343	1,2,11
D120E	6' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J6	H15	S1		221	1,11,13
D121A	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J6	H6	S1		214	1,6,11,13
D121B	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J6	H6	S1		214	1,6,11,13
D121C	6' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J6	H15	S1		221	1,11,13
D121D	6' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J6	H15	S1		340	1,2,6,11,14
D202	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S1		518	11
D202A	6' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S1		826	10,11
D301	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J6	H6	-		816	1,11
E11	8' - 0"	7' - 0"	1 3/4"	NV	SCWD	HM	01	J1	H1	-	90 MIN.	329	1,2,5
E12	6' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	-		325	1,2
E100	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S1		816	1,11,14
E101	6' - 0"	7' - 0"	1 3/4"	HG	SCWD	HM	01	J1	H1	-		340	1,2,6,11
E102A	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	02	J1/J5	H1	-		519	11
E102B	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	02	J1/J5	H1	-		519	11
E103	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	-		811	1
E104	6' - 0"	7' - 0"	1 3/4"	HG	SCWD	HM	01	J1	H1	-		340	1,2,6,11
E105A	4' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	-		712	
E105B	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	-		713	
E106	4' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	-		814	1
E107A	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	03	J1/J5	H1	-		518	11
E107B	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	-			
E108A	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S4		913	1,9
E108B	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S1		816	1,11,14
E109	6' - 0"	7' - 0"	1 3/4"	HG	SCWD	HM	01	J1	H1	-		340	1,2,6,11
E110A	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	02	J1/J5	H1	-		519	11
E110B	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	02	J1/J5	H1	-		519	11
E111A	6' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S1		524	1,10,14
E111B	8' - 0"	14' - 0"	2"	S						S1		400	20 (SMOKE RATED)
E111C	6' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J6	H6	S1		524	1,10,14
E111D	8' - 0"	14' - 0"	2"	S						S1	60 MIN.	400	20
E111E	6' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J6	H15	S1	60 MIN.	221	1,11,13
E112	6' - 0"	7' - 0"	1 3/4"	HG	SCWD	HM	01	J1	H1	-		340	1,2,6,11
E113	6' - 0"	7' - 0"	1 3/4"	HG	SCWD	HM	01	J1	H1	-		823	10
E114	6' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	-		823	10,14
E115	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	-		513	1
E116	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	-		513	1
F001A	6' - 0"	7' - 0"	1 3/4"	FG2	SCWD	HM	07	J1/J8	H1	S1		325	1,2
F001B	6' - 0"	7' - 0"	1 3/4"	FG2	SCWD	HM	07	J1/J8	H1	S1		325	1,2
F003	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	18	J1/J5	H1	S1		513	1
F004A	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S4		113	1,9
F005	4' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J2	H2	-		518	11
F005A	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J2	H2	S1		816	1,11
F11A	6' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S1	90 MIN.	825	1,10,11,14
F11B	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	-		811	1
F11C	8' - 0"	7' - 0"	1 3/4"	NV	SCWD	HM	05	J1	H3	S1		327	1,2,5
F11D	7' - 0"	7' - 0"	1 3/4"	NV	SCWD	HM	05	J1	H3	S5		329	1,2,5
F21A	7' - 0"	7' - 0"	1 3/4"	NV	SCWD	HM	05	J1	H3	S5		329	1,2,5
F31	4' - 0"	7' - 0"	1 3/4"	F	SCWD	HM						838	1,22,23
F101	6' - 0"	7' - 0"	1 3/4"	FG2	SCWD	HM	06	J1	H3	S1		325	1,2
F102	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J2	H2	-		518	11
F103	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J2	H2	-		518	11
F104	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	-		513	1
F105	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	02	J1/J5	H1	S5		517	1
F106	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S1		812	1
F107A	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	03	J1/J5	H1	-		515	
F107B	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	02	J1/J5	H1	-		515	
F107C	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	-		711	
F108	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S5		913	1,9
F109	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S1		816	1,11,14
F201	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	03	J1/J5	H1	-		515	
F201A	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S1		816	1,11,14
F202	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	03	J1/J5	H1	-		515	
F203	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	03	J1/J5	H1	-		515	
F203A	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S1		816	1,11
F204	3' - 0"	7' - 0"	1 3/4"	HG	SCWD	HM	03	J1/J5	H1	-		515	
F205	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	02	J1/J5	H1	-		517	1
F206	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	-		811	1
F207	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	02	J1/J5	H1	-		513	1
F208	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S4		113	1,9, 3/4" UNDERCUT
F209	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	-		811	1
F210	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	-		811	1
F212	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S1		812	1
F213	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	03	J1/J5	H1	S5		515	
F214	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	02	J1/J5	H1	-		515	
F300	4' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S1		839	1,11
F301	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S1		812	1
F302	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	-		811	1,14
F303	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	02	J1/J5	H1	-		517	1
F304	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	03	J1/J5	H1	-		515	
F305	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	03	J1/J5	H1	S5		515	
F306	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	02	J1/J5	H1	-		513	1
F307	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	09	J1/J5	H1	-		515	
F308	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S4		913	1,9
G11	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	02	J1/J5	H1	-		513	1
G102	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S1		815	1,22,23
G104	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	03	J1/J5	H1	-		515	
G106	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	02	J1/J5	H1	-		517	1
G107	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	02	J1/J5	H1	-		515	
G108	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	02	J1/J5	H1	-		517	1
G109	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S4		113	1,9
G110	3' - 0"	7' - 0"	1 3/4"	HG	SCWD	HM	01	J2/J5	H2	-		515	
G111	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	03	J1/J5	H1	-		515	
G112	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	03	J1/J5	H1	S1		515	
G113	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S1		816	1,11
G114	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S1		816	1,11,14
G115	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S4		210	1,6,13
G115A	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S4		113	1,9
G116	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S4		210	1,6,13
G117	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	03	J1/J5	H1	S1		515	
G119A	6' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	-		523	10
G119B	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	03	J1/J5	H1	-		515	
G120	6' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S1		822	1,10
G121A	4' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S1		825	1,10,11,14

DOOR #	DOOR NOMINAL SIZE WIDTH	HEIGHT	THK.	TYPE	MATL	FRAME MATL	TYPE	SECTIONS JAMB	HEAD	SILL	DOOR LABEL FIRE RATING	HARDWARE SET	REMARKS
G121B	6' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S1		816	1,11
G122	6' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S1		523	10
G123	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	-		811	1
G124	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S1		816	1,11,14
G125	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S1		816	1,11,14
G126	6' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S1		523	10
G127A	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	03	J1/J5	H1	-		515	
G127B	6' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	-		523	10
G128A	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	03	J1/J5	H1	S1		515	
G128B	3' - 0"	7' - 0"	1 3/4"	HG	SCWD	HM	01	J1	H1	-		515	
G129	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S1		816	1,11,14
G130	6' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S1		523	10
G200	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S1		815	1,22,23
G201	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	03	J1/J5	H1	-		515	
G202	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	03	J1/J5	H1	-		515	
G203	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	03	J1/J5	H1	-		515	
G204	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	03	J1/J5	H1	-		515	
G205	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	03	J1/J5	H1	-		515	
G206	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	03	J1/J5	H1	-		515	
G207	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	03	J1/J5	H1	-		515	
G208	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S4		210	1,6,13
G208A	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S4		113	1,9
G209	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S4		210	1,6,13
G211	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	03	J1/J5	H1	-		515	
G211A	6' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S1		825	1,10,11,14
G211B	4' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S1		825	1,10,11,14
G212	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	03	J1/J5	H1	-		515	
G213	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	03	J1/J5	H1	-		515	
G214	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	03	J1/J5	H1	-		515	
G215	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	03	J1/J5	H1	-		515	
G216	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	03	J1/J5	H1	-		515	
G217	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	03	J1/J5	H1	-		515	
G218	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	03	J1/J5	H1	-		515	
G219	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	03	J1/J5	H1	-		515	
G300	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S1		815	1,22,23
G301	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	03	J1/J5	H1	-		515	
G302	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	03	J1/J5	H1	-		515	
G303A	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	03	J1/J5	H1	-	45 MIN.	511	1
G303B	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	02	J1/J5	H1	-	45 MIN.	511	1
G304A	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J2	H2	-		713	
G304B	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J2	H2	-		713	
G305	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	03	J1/J5	H1	-		515	
G306A	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	02	J1/J5	H1	-	45 MIN.	511	1
G306B	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	03	J1/J5	H1	-	45 MIN.	511	1
G307	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	03	J1/J5	H1	-		515	
G308	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S4		210	1,6,13
G308A	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S4		113	1,9
G309	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S4		210	1,6,13
G311A	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	03	J1/J5	H1	-	45 MIN.	511	1
G311B	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	02	J1/J5	H1	-	45 MIN.	511	1
G312A	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J2	H2	-		713	
G312B	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J2	H2	-		713	
G313	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	03	J1/J5	H1	-		515	
G314A	6' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S1		825	1,10,11,14
G314B	4' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S1		825	1,10,11,14
G315A	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	03	J1/J5	H1	-	45 MIN.	511	1
G315B	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	02	J1/J5	H1	-	45 MIN.	511	1
G316A	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J2	H2	-		713	
G316B	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J2	H2	-		713	
G317A	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	02	J1/J5	H1	-	45 MIN.	511	1
G317B	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	03	J1/J5	H1	-	45 MIN.	511	1
G318A	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	02	J1/J5	H1	-	45 MIN.	511	1
G318B	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	03	J1/J5	H1	-	45 MIN.	511	1
G319	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S3	45 MIN.	811	1
G320A	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	03	J1/J5	H1	-	45 MIN.	511	1
G321	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J2	H2	-		713	
ST01A	7' - 0"	7' - 0"	1 3/4"	NV	SCWD	HM	01	J6	H6	-	90 MIN.	324	1,2,5,14
ST01B	7' - 0"	7' - 0"	1 3/4"	NV	SCWD	HM	01	J6	H6	-	90 MIN.	324	1,2,5,14
ST01C	7' - 0"	7' - 0"	1 3/4"	NV	SCWD	HM	01	J6	H6	-	90 MIN.	324	1,2,5,14
ST02A	8' - 0"	7' - 0"	1 3/4"	NV	SCWD	HM	01	J6	H6	-	90 MIN.	324	1,2,5,14
ST02B	8' - 0"	7' - 0"	1 3/4"	NV	SCWD	HM	01	J6	H6	-	90 MIN.	324	1,2,5,14
ST02C	8' - 0"	7' - 0"	1 3/4"	NV	SCWD	HM	01	J6	H6	-	90 MIN.	324	1,2,5,14
ST03A	8' - 0"	7' - 0"	1 3/4"	NV	SCWD	HM	01	J1	H1	S1	90 MIN.	324	1,2,5,14
ST03B	8' - 0"	7' - 0"	1 3/4"	NV	SCWD	HM	01	J1	H1	-	90 MIN.	324	1,2,5,14
ST03C	8' - 0"	7' - 0"	1 3/4"	NV	SCWD	HM	01	J1	H1	-	90 MIN.	324	1,2,5,14
ST05	6' - 0"	7' - 0"	1 3/4"	FG2	SCWD	HM	01	J2	H2	-		345	1,2
ST06A	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	-	90 MIN.	313	1,2
ST06B	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	-	90 MIN.	116	1
ST06C	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	-	90 MIN.	116	1
ST06D	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S1	90 MIN.	314	1,2, EXIT ONLY
ST07A	6' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S1	90 MIN.	344	1,2,11
ST07B	6' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S1	90 MIN.	343	1,2,11
ST07C	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S1 SIM	90 MIN.	816	1,11
ST08A	6' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	-	90 MIN.	344	1,2,11
ST08B	6' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S1	90 MIN.	343	1,2,11
ST10A	8' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	-	90 MIN.	324	1,2,5,14
ST10B	8' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	-	90 MIN.	324	1,2,5,14
ST10C	8' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	-	90 MIN.	326	1,2,5,14, FAIL SAFE/UNLOCK
ST11A	6' - 0"	7' - 10"	1 3/4"	NV	SCWD	HM	01	J1	H1	-	90 MIN.	324	1,2,5,14
ST11B	6' - 0"	7' - 10"	1 3/4"	NV	SCWD	HM	01	J1	H1	-	90 MIN.	324	1,2,5,14
ST11C	6' - 0"	7' - 10"	1 3/4"	NV	SCWD	HM	01	J1	H1	-	90 MIN.	324	1,2,5,14
ST11D	6' - 0"	7' - 10"	1 3/4"	NV	SCWD	HM	01	J1	H1	-	90 MIN.	324	1,2,5,14
ST11E	6' - 0"	7' - 10"	1 3/4"	NV	SCWD	HM	01	J1	H1	-	90 MIN.	324	1,2,5,14
ST11F	6' - 0"	7' - 10"	1 3/4"	NV	SCWD	HM	01	J1	H1	-	90 MIN.	324	1,2,5,14
ST11G	6' - 0"	7' - 10"	1 3/4"	NV	SCWD	HM	01	J1	H1	-	90 MIN.	324	1,2,5,14
ST11J	6' - 0"	7' - 10"	1 3/4"	NV	SCWD	HM	01	J1	H1	-	90 MIN.	324	1,2,5,14
ST11K	6' - 0"	7' - 10"	1 3/4"	NV	SCWD	HM	01	J1	H1	-	90 MIN.	324	1,2,5,14
ST12A	8' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J6	H6	-	90 MIN.	324	1,2,5,14
ST12B	8' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J6	H6	-	90 MIN.	324	1,2,5,14
ST12C	8' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J6	H6	-	90 MIN.	324	1,2,5,14
ST13	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S1	90 MIN.	832	1
XA01	6' - 0"	7' - 0"	1 3/4"	NV	HM	HM	01	F5/A420	J5/A420	A7/420		322	1,2,7,8,22,23
XA02	6' - 0"	7' - 0"	1 3/4"	NV	HM	HM	01	F5/A420 SIM	J5/A420 SIM	S7		322	1,2,7,8,22,23
XA03	6' - 0"	7' - 0"	1 3/4"	NV	HM	HM	01	F5/A420 SIM	J5/A420 SIM	S7		323	1,2,7,8,23
XA04	6' - 0"	7' - 0"	1 3/4"	NV	HM	HM	01	F5/A420 SIM	J5/A420 SIM	S7		322	1,2,7,8,22,23
XA05	6' - 0"	7' - 0"	1 3/4"	NV	HM	HM	01	F5/A420 SIM	J5/A420 SIM	S7		323	1,2,7,8,23
XA06	6' - 0"	7' - 0"	1 3/4"	NV	HM	HM	01	F5/A420 SIM	J5/A420 SIM	S7		322	1,2,7,8,22,23
XA07	6' - 0"	7' - 0"	1 3/4"	NV	HM	HM	01	F5/A420 SIM	J5/A420 SIM	S7		323	1,2,7,8,23
XA08	3' - 0"	7' - 0"	1 3/4"	NV	HM	HM	01	F5/A420 SIM	J5/A420 SIM	A7/420		312	1,2,7,8,22,23
XA09	6' - 0"	7' - 0"	1 3/4"	FG2	ALUM	ALUM	CW02	CW02/A309		A7/420 SIM		442	1,2,7,22,23
XA10	6' - 0"	7' - 0"	1 3/4"	FG2	ALUM	ALUM	CW02	CW02/A309		A7/420 SIM		443	1,2,7,23
XA11	6' - 0"	7' - 0"	1 3/4"	FG2	ALUM	ALUM	CW02	CW02/A309		A7/420 SIM		443	1,2,7,23
XA12	6' - 0"	7' - 0"	1 3/4"	FG2	ALUM	ALUM	CW01	CW01/A309		A7/420 SIM		441	1,2,7,23,REMOTE RELEASE
XA13	6' - 0"	7' - 0"	1 3/4"	FG2	ALUM	ALUM	CW01	CW01/A309		A7/420 SIM		442	1,2,7,22,23
XB01	6' - 0"	7' - 0"	1 3/4"	FG2	ALUM	ALUM	CW10B	CW10B/A309		A7/420 SIM		443	1,2,7,23
XB02	6' - 0"	7' - 0"	1 3/4"	FG2	ALUM	ALUM	CW10B	CW10B/A309		A7/420 SIM		442	1,2,7,22,23
XB03	6' - 0"	7' - 0"	1 3/4"	FG2	ALUM	ALUM	CW07	CW07/A309		A7/420 SIM		444	1,2,7,22,23
XB04	4' - 0"	7' - 0"	1 3/4"	F	HM	HM	01	F5/A420	J5/A420	A7/420		813	7,8,23
XB05A	6' - 0"	7' - 0"	1 3/4"	F	HM	HM	24	F5/A420	H3 SIM	A7/420		321	1,2,6,7,8,10,22,23
XB06	4' - 0"	7' - 0"	1 3/4"	F	HM	HM	23	F5/A420	H3 SIM	A7/420		817	1,6,7,8,22,23
XB07	4' - 0"	7' - 0"	1 3/4"	F	HM	HM	23	F5/A420	H3 SIM	A7/420		817	1,6,7,8,22,23
XB08	3' - 0"	7' - 0"	1 3/4"	F	HM	HM	01	F5/A420	J5/A420	A7/420		818	1,7,8,22,23
XB09	8' - 0"	8' - 0"	2"	S								402	16,23
XB10	8' - 0"	8' - 0"	2"	S								402	16,23
XC01	8' - 0"	7' - 0"	1 3/4"	FG2	ALUM	ALUM	CW24A	CW24A/A310		A7/420 SIM		440	1,2,7,22,23
XC02	8' - 0"	7' - 0"	1 3/4"	FG2	ALUM	ALUM	CW23A	CW23A/A310		A7/420 SIM		440	1,2,7,22,23
XC04	3' - 0"	7' - 0"	1 3/4"	NV	HM	HM	01	F5/A420	J5/A420 SIM	A7/420		817	1,6,7,8,22,23
XC05	8' - 0"	7' - 0"	1 3/4"	FG2	ALUM	ALUM	CW27A	CW27A/A310		A7/420 SIM		440	1,2,7,22,23
XC06	7' - 6"	16' - 0"	0"										SECTIONAL DOOR
XC31	3' - 0"	7' - 0"	1 3/4"	F	HM	HM	01			D9/A433 SIM		611	1,6,7,8,23
XC32	3' - 0"	7' - 0"	1 3/4"	F	HM	HM	01			D9/A433 SIM		611	1,6,7,8,23
XD01	3' - 0"	7' - 0"	1 3/4"	F	HM	HM	01	F5/A420	J5/A420	A7/420		817	1,6,7,8,22,23
XD02	8' - 0"	7' - 0"	1 3/4"	FG2	ALUM	ALUM	CW31	CW31/A310		A7/420 SIM		440	1,2,7,22,23
XE01	3' - 0"	7' - 0"	1 3/4"	F	ALUM	ALUM	SF43	SF43/A311		A7/420 SIM		431	1,2,7,22,23
XE02	3' - 0"	7' - 0"	1 3/4"	F	ALUM	ALUM	SF42	SF42/A311		A7/420 SIM		431	1,2,7,22,23
XE03	3' - 1"	7' - 0"	1 3/4"	F	ALUM	ALUM	SF42	SF42/A311		A7/420 SIM		431	1,2,7,22,23
XE05	6' - 0"	7' - 0"	1 3/4"	F	ALUM	ALUM	SF41	SF41/A311		A7/420 SIM		444	1,2,7,22,23
XE06	3' - 0"	7' - 0"	1 3/4"	FG2	ALUM	ALUM	SF45	SF45/A311		A7/420 SIM		431	1,2,7,22,23
XF01	6' - 0"	7' - 0"	1 3/4"	FG2	ALUM	ALUM	CW15A	CW15A/A309		A7/420 SIM		444	1,2,7,22,23
XF02	3' - 0"	7' - 0"	1 3/4"	FG2	ALUM	ALUM	CW18B	CW18B/A309		A7/420 SIM		431	1,2,7,22,23
XF03	8' - 0"	7' - 0"	1 3/4"	FG2	ALUM	ALUM	CW32	CW32/A310		A7/420 SIM		440	1,2,7,22,23
XG01	4' - 0"	7' - 0"	1 3/4"	F	ALUM	ALUM	SF40	SF40/A311		A7/420 SIM		431	1,2,7,22,23
XG02	8' - 0"	7' - 0"	1 3/4"	FG2	ALUM	ALUM	CW34A	CW34A/A310		A7/420 SIM		440	1,2,7,22,23
XG03	8' - 0"	10' - 0"	2"	S								402	16,23
XG04	6' - 0"	7' - 0"	1 3/4"	F	ALUM	ALUM	SF40	SF40/A311		A7/420 SIM		444	1,2,7,22,23
XG05	5' - 11"	7' - 0"	1 3/4"	F	ALUM	ALUM	SF40	SF40/A311		A7/420 SIM		444	1,2,7,22,23
XG06	5' - 11"	7' - 0"	1 3/4"	F	ALUM	ALUM	SF40	SF40/A311		A7/420 SIM		444	1,2,7,22,23
XG07	8' - 0"	7' - 0"	1 3/4"	FG2	ALUM	ALUM	CW23B	CW23B/A310		A7/420 SIM		440	1,2,7,22,23
XG08	8' - 0"	7' - 0"	1 3/4"	FG2	ALUM	ALUM	CW28	CW28/A310		A7/420 SIM		444	1,2,7,22,23
XG41	3' - 0"	7' - 0"	1 3/4"	F	HM	HM	01			A9/A433 SIM		611	1,6,7,8,23
XG42	3' - 0"	7' - 0"	1 3/4"	F	HM	HM	01			A9/A433 SIM		611	1,6,7,8,23

TYPICAL DETAILS

DOORS NOT LISTED ON THE SCHEDULE TO HAVE THE TYPICAL FINISHES LISTED BELOW:

DOOR:
- WIDTH: 3'-0"
- HEIGHT: 7'-0"
- THICKNESS: 1-3/4"
- TYPE: F
- MATERIAL: SCWD
- DOOR LABEL: NONE

FRAME:
- MATERIAL: HM
- TYPE: 1
- JAMB: J1
- HEAD: H1
- SILL: NONE

TYPICAL DOOR NOTES

1. COORDINATE AND PROVIDE HARDWARE AS DETAILED IN THE SPECIFICATIONS OR, IF NOT SPECIFIED, PROVIDE HARDWARE (OF EQUAL QUALITY TO THAT SPECIFIED, AND MOST SIMILAR IN FUNCTION TO TYPE OF DOOR) REQUIRED FOR DOORS TO OPERATE AND APPEAR AS INTENDED ON DRAWINGS.
2. PROVIDE BRUSHED STAINLESS STEEL KICK PLATES ON PUSH SIDE OF DOORS WITH PUSH BARS OR CLOSER DEVICES. REFER TO HARDWARE SPECIFICATIONS FOR KICK PLATE DIMENSIONS.
3. PROVIDE EXPOSED HARDWARE WITH BRUSHED-IN FINISH AND "SILVER" METALLIC IN COLOR (ALUMINUM, CHROME, OR STEEL).
4. WHEN EXPOSED CLEAR FINISHED WOOD DOORS ARE PAIRED, TAKE CARE TO SELECT MATCHING GRAIN TYPE AND COLOR FOR EACH DOOR IN PAIR.
5. IF CONFLICT EXISTS BETWEEN DOOR RATING AS SCHEDULED AND WALL/PARTITION TYPE FIRE RATING AS SHOWN ON PLANS, PROVIDE DOOR(S) WITH THE GREATER FIRE RATING OF THE TWO.
6. VERIFY ALL DIMENSIONS AND CLEARANCES, AND COORDINATE UNDERCUTTING REQUIRED TO CLEAR ADJACENT FLOOR MATERIALS.
7. IF A DISCREPANCY EXISTS BETWEEN THE DOOR SCHEDULE REMARKS AND THE HARDWARE SCHEDULE IN THE SPECIFICATIONS, PROVIDE THE HARDWARE NEEDED TO MEET THE MORE STRINGENT OF THE REQUIREMENTS.
8. SEE SPECIFICATIONS FOR SCHEDULED HARDWARE SETS.
9. PROVIDE CONTINUOUS WEATHERSTRIPPING AND DOOR BOTTOM SEALS AT EXTERIOR DOORS AS SPECIFIED.

DOOR UNDERCUTS

PROVIDE THE FOLLOWING UNDERCUTS AT ALL DOORS:

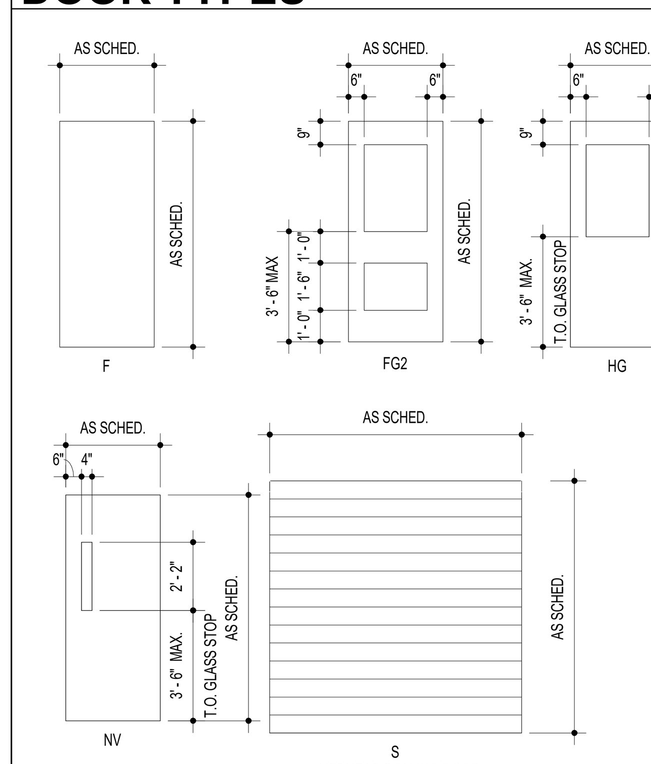
- EXTERIOR DOORS WITH THRESHOLDS: 1/8" ABOVE THERSHOLD HEIGHT
- DOOR WITH AUTOMATIC DOOR BOTTOMS: AMOUNT REQUIRED BY DOOR BOTTOM MFR
- DOORS WITH THRESHOLD AND AUTOMATIC DOOR BOTTOM: HEIGHT OF THRESHOLD AND AMOUNT REQUIRED BY DOOR BOTTOM MFR
- ALL OTHER DOORS: 5/8" ABOVE FINISH FLOOR

NOTES FOR REMARKS COLUMN

NOTE: NOT ALL NOTES MAY BE USED ON THIS PROJECT. SEE SPECIFICATIONS FOR ADDITIONAL DOOR INFORMATION. REFERENCE SPECIFICATIONS FOR DETAILED HARDWARE REQUIREMENTS.

1. PROVIDE ADA COMPLIANT CLOSER (ONE CLOSER FOR EACH DOOR OF PAIR).
2. PROVIDE PANIC HARDWARE.
3. PROVIDE ALARMED PANIC HARDWARE.
4. PROVIDE ADA AUTOMATIC SWING DOOR OPERATOR WITH PUSH BUTTON CONTROLS AND ASSOCIATED SIGNAGE.
5. PROVIDE DOORS WITH ELECTROMAGNETIC HOLD OPEN DEVICES - CONNECT TO FIRE ALARM SYSTEM TO CLOSE UPON ACTIVATION -- SEE ELECTRICAL DRAWINGS.
6. PROVIDE WITH HOLD OPEN FEATURE IN CLOSER.
7. PROVIDE WEATHERSTRIPPING ON ALL SIDES, TOP AND BOTTOM OF DOOR.
8. PROVIDE DOOR WITH INSULATED CORE.
9. PROVIDE HARDWARE WITH PRIVACY SET.
10. PROVIDE FLUSH BOLTS ON INACTIVE LEAF.
11. PROVIDE SOUND SEALS ON TOP AND SIDES WITH DROP SEAL AT DOOR BOTTOM.
12. PROVIDE SOUND RATED DOOR SYSTEM COMPLETE WITH ALL ASSOCIATED HARDWARE.
13. PROVIDE WITH PUSH / PULL OPERATION.
14. PROVIDE HARDWARE SO DOORS CAN OPEN 180 DEGREES.
15. DOUBLE EGRESS DOOR.
16. INSULATED COILING DOOR.
17. (NOT USED)
18. DOUBLE ACTING DOOR FUNCTION.
19. PROVIDE PACKAGE DOOR SYSTEM.
20. COILING SECURITY GRILLE.
21. PROVIDE WITH MECHANICAL PUSH BUTTON COMBINATION LOCK.
22. PROVIDE WITH CARD READER AND ASSOCIATED HARDWARE.
23. SECURITY SYSTEM DOOR SWITCH AT HM FRAME - COORDINATE WITH ELECTRICAL.
24. PROVIDE WITH MAGNETIC LOCKS AND OPEN RELEASE BUTTON - CONNECT TO FIRE ALARM SYSTEM TO OPEN UPON ACTIVATION - SEE ELECTRICAL DRAWINGS.

DOOR TYPES



NOTE: (UNLESS OTHERWISE NOTED)
1. ALL GLASS IN EXTERIOR DOORS TO BE G-10
2. ALL GLASS IN INTERIOR DOORS TO BE G-2
3. ALL GLASS IN RATED DOORS TO BE G-9

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GP #22105

DOOR SCHEDULE

NORTH EAST MIDDLE / HIGH SCHOOL
300 IRISHTOWN ROAD, NORTH EAST, MD

DATE	DESCRIPTION
03/13/2024	ADDENDUM 1

A307

12/22/2023
BID SET

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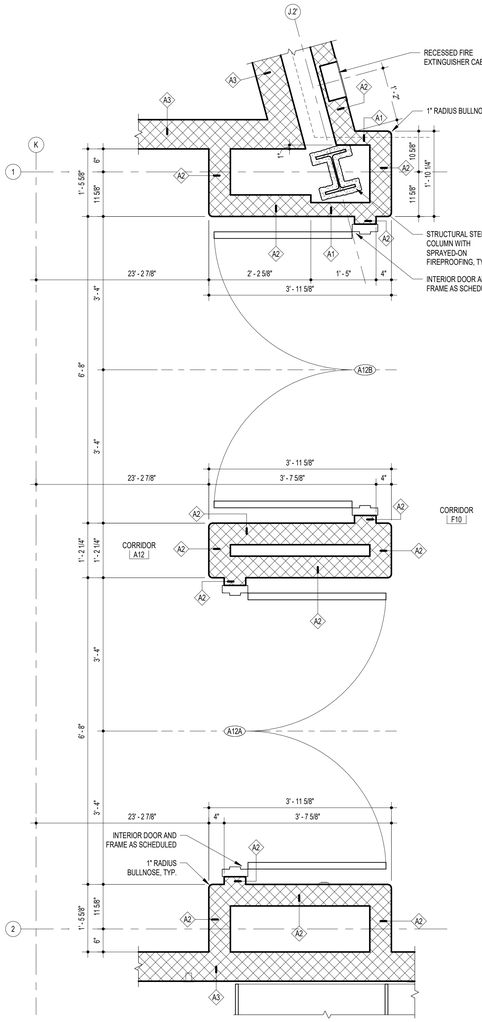
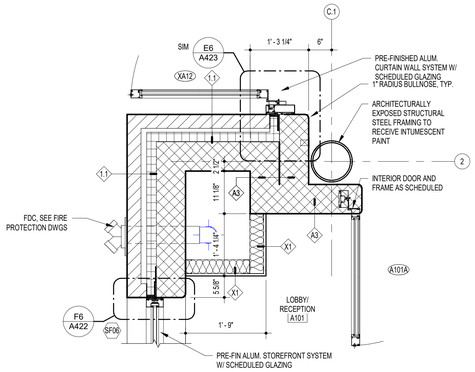


E18 PLAN DETAIL - LVL 01 - AREA A
3/4" = 1'-0"



K14 PLAN DETAIL - LVL 01 - AREA A
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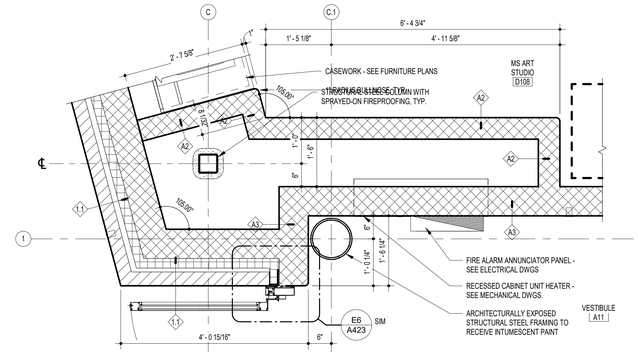
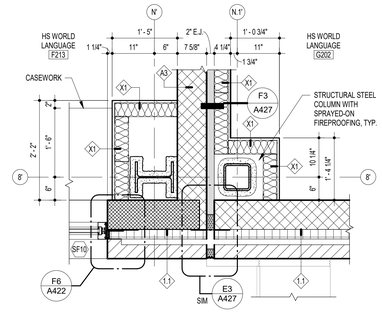


K10 PLAN DETAIL - LVL 01 - AREA D
3/4" = 1'-0"



K4 PLAN DETAIL - LVL 02 - AREA F
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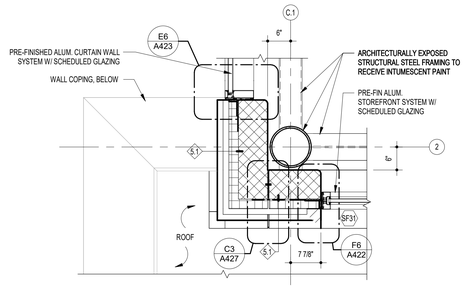
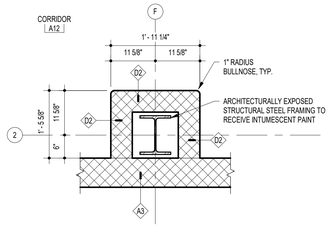
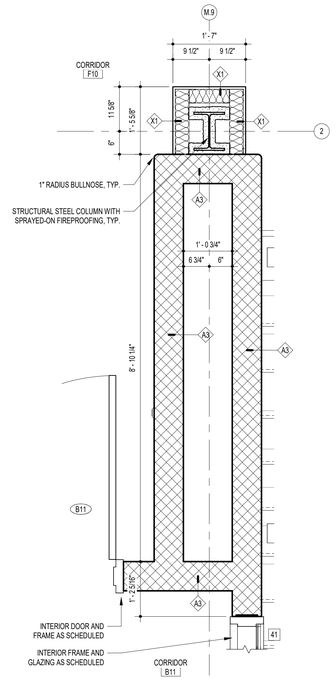


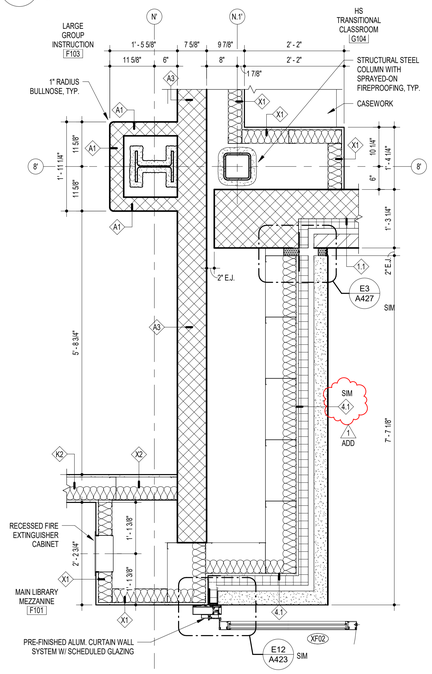
G14 PLAN DETAIL - LVL 02 - AREA A
3/4" = 1'-0"



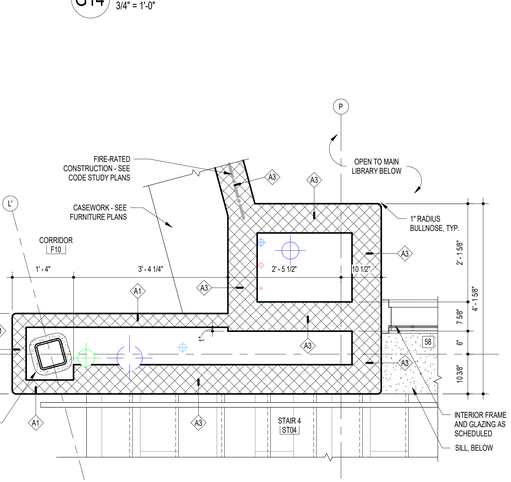
G10 PLAN DETAIL - LVL 01 - AREA A
3/4" = 1'-0"



D7 PLAN DETAIL - LVL 01 - AREA A
3/4" = 1'-0"

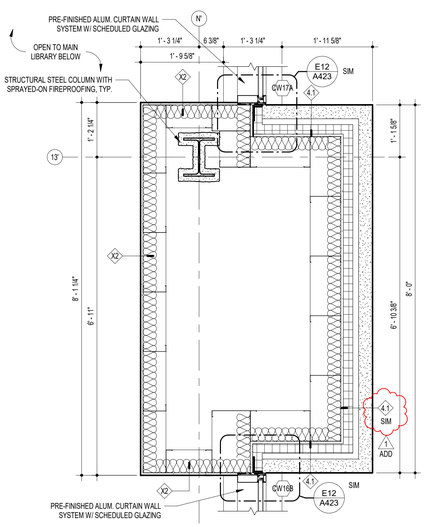


E4 PLAN DETAIL - LVL 01 - AREA F
3/4" = 1'-0"

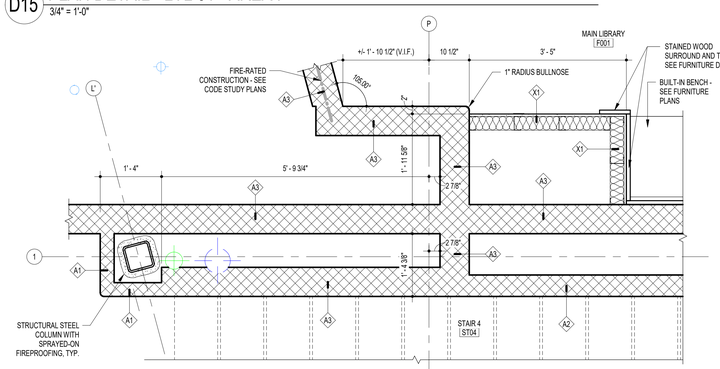


D15 PLAN DETAIL - LVL 01 - AREA F
3/4" = 1'-0"

F10 PLAN DETAIL - LVL 01 - AREA F
3/4" = 1'-0"



A18 PLAN DETAIL - LVL 01 - AREA F
3/4" = 1'-0"



A15 PLAN DETAIL - LVL 00 - AREA F
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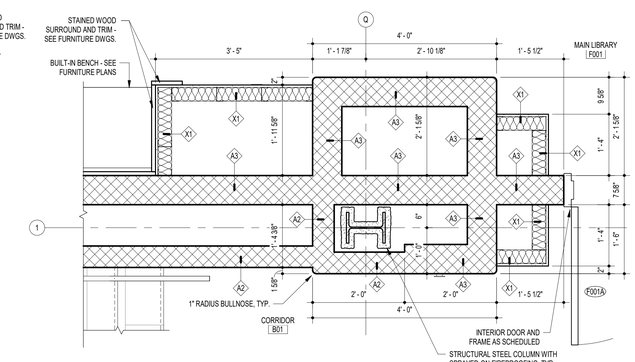
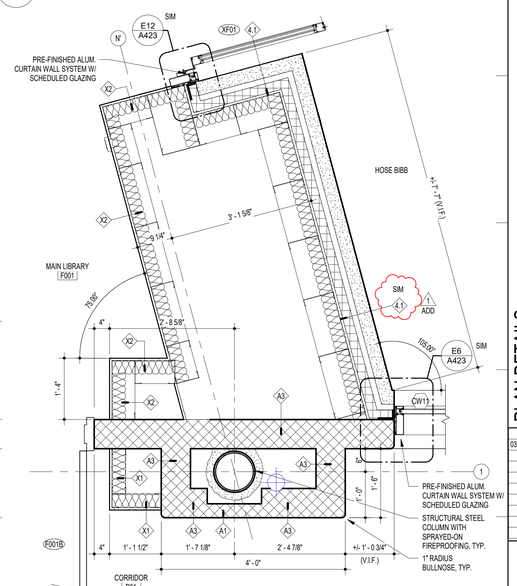


A9 PLAN DETAIL - LVL 00 - AREA F
3/4" = 1'-0"



A4 PLAN DETAIL - LVL 00 - AREA F
3/4" = 1'-0"

11720 Beltsville Drive
Suite 600
Calverton, MD 20705
Tel: 301.595.1000
www.grimmandparker.com
GRIMM + PARKER ARCHITECTS

GP #22105

PLAN DETAILS
NORTH EAST MIDDLE / HIGH SCHOOL
300 IRISHTOWN ROAD, NORTH EAST, MD

DATE	DESCRIPTION
03/13/2024	ADDENDUM 1

A519
12/22/2023
BID SET

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LOCKER SCHEDULE

ITEM	DESCRIPTION	MANUF.	MANUF. #	DEPTH	HEIGHT	WIDTH	REMARKS
LK1	SINGLE-TIER LOCKER	SEE SPEC.	SEE SPEC.	1' - 0"	3' - 0"	1' - 0"	SEE DETAIL G7/A804
LK2	DOUBLE-TIER LOCKER	SEE SPEC.	SEE SPEC.	1' - 0"	6' - 0"	1' - 0"	SEE DETAIL A14/A804 & A16/A804
LK3	DOUBLE-TIER LOCKER	SEE SPEC.	SEE SPEC.	1' - 0"	6' - 0"	1' - 3"	SEE DETAIL A16/A804
LK4	5-TIER ATHLETIC LOCKER	SEE SPEC.	SEE SPEC.	1' - 0"	5' - 0"	1' - 0"	SEE DETAIL A16/A804
LK5	AIR PRO LOCKER	Wenger Corporation	SEE SPEC.	1' - 2 7/8"	5' - 10"	2' - 0"	DOUBLE-TIER NO SEAT, 24"W, GRILLE DOOR, SHOULDER PAD TOPPER
LK6	AIR PRO LOCKER W/ BENCH	Wenger Corporation	SEE SPEC.				DOUBLE-TIER WITH SEAT, 24"W, GRILLE DOOR, SHOULDER PAD TOPPER
LK7	DOUBLE-TIER LOCKER	SEE SPEC.	SEE SPEC.	1' - 3"	6' - 0"	1' - 0"	SEE DETAIL A16/A804
LK8	3-TIER LOCKER	SEE SPEC.	SEE SPEC.	1' - 0"	6' - 0"	1' - 0"	SEE DETAIL A16/A804

FURNISHING SCHEDULE - MEDIA CENTER

ITEM	DESCRIPTION	SIZE (INCHES) W	D	H	MANUF.	MANUF. #	REMARKS
L1	MOBILE BOOKSHELF, DOUBLE - STARTER	36	24	36	MONTEL AETNASTAK	L363624FB	ON CASTERS
L3	BOOKSHELF, SINGLE - STARTER	36	12	66	MONTEL AETNASTAK	L663612FB	
L5	MAGAZINE/PAMPHLET RACK	36	12	66	MONTEL AETNASTAK	LPF66	
L7	BOOKSHELF, SINGLE - STARTER	36	12	36	MONTEL AETNASTAK	L363612FB	

FURNISHING SCHEDULE - METAL SHELVING

ITEM	DESCRIPTION	SIZE (INCHES) W	D	H	MANUF.	MANUF. #	REMARKS
A	OPEN METAL SHELVING	36	12	87	PER SPEC	PER SPEC	
B	OPEN METAL SHELVING	36	18	87	PER SPEC	PER SPEC	
C	OPEN METAL SHELVING	36	24	87	PER SPEC	PER SPEC	
D	OPEN METAL SHELVING	48	18	87	PER SPEC	PER SPEC	
E	OPEN METAL SHELVING	48	24	87	PER SPEC	PER SPEC	
F	OPEN METAL SHELVING	48	30	87	PER SPEC	PER SPEC	

FURNISHING SCHEDULE - MUSIC

ITEM	DESCRIPTION	SIZE (INCHES) W	D	H	MANUF.	MANUF. #	REMARKS
M2	STANDARD CABINET #2	28	29	86	WENGER	2	
M3	STANDARD CABINET #3			86	WENGER	3	
M4	STANDARD CABINET #4	28	29	86	WENGER	4	
M5	STANDARD CABINET #5	28	39	86	WENGER	5	
M10	STANDARD CABINET #10	28	29	86	WENGER	10	
M11	STANDARD CABINET #11	28	39	86	WENGER	11	
M12	STANDARD CABINET #12	48	29	86	WENGER	12	
M13	STANDARD CABINET #13	14	29	86	WENGER	13	
M15	STANDARD CABINET #15	48	29	86	WENGER	15	
M70	STANDARD CABINET #70	28	19	86	WENGER	70	ADJUSTABLE SHELF
M71	STANDARD CABINET #71	28	29	86	WENGER	71	ADJUSTABLE SHELF
M72	STANDARD CABINET #72	28	29	86	WENGER	72	ADJUSTABLE SHELF
M73	STANDARD CABINET #73	28	39	86	WENGER	73	ADJUSTABLE SHELF
M74	STANDARD CABINET #74	28	29	86	WENGER	74	ADJUSTABLE SHELF
M75	STANDARD CABINET #75	28	39	86	WENGER	75	ADJUSTABLE SHELF
M77	SHEET MUSIC STORAGE	16	44	92	WENGER	173G700	
M78	CHORAL FOLIO CABINET MOBILE	52	18	51	WENGER	146M024	1" SHELF SPACING
M79	INSTRUMENTAL FOLIO CABINET MOBILE	32	18	51	WENGER	146M032	1" SHELF SPACING
M80	SOUNDLOK	128	83	90	WENGER		W/ VERTICAL AND HORIZONTAL CLOSURES AS NEEDED

FURNISHING SCHEDULE - COUNTERTOPS

ITEM	DESCRIPTION	SIZE (INCHES) D	H	MANUF.	MANUF. #	REMARKS
C1	30"H COUNTER TOP W/ 4" BACKSPLASH	25	30	SEE SPEC	SEE SPEC	SEE DETAIL A11/A804
C2	30"H COUNTER TOP W/ 2" BACKSPLASH	25	30	SEE SPEC	SEE SPEC	SEE DETAIL A11/A804
C3	42"H COUNTER TOP W/ 2" BACKSPLASH	25	42	SEE SPEC	SEE SPEC	SEE DETAIL A11/A804
C4	42"H COUNTER TOP	25	42	SEE SPEC	SEE SPEC	SEE DETAIL D7/A804
C5	42"H COUNTER TOP	25	42	SEE SPEC	SEE SPEC	SEE DETAIL D10/A804
C6	42"H COUNTER TOP	25	42	SEE SPEC	SEE SPEC	SEE DETAIL J13/A804
C7	BUTCHER BLOCK COUNTER TOP	25	36	DIVERSIFIED WOODCRAFTS INC.	247866	
C8	36"H STAINLESS STEEL COUNTER TOP	25	36	SEE SPEC	SEE SPEC	
C9	36"H COUNTER TOP W/ 4" BACKSPLASH	18	36	SEE SPEC	SEE SPEC	SEE DETAIL A11/A804

FURNISHING SCHEDULE - PE EQUIPMENT

ITEM	DESCRIPTION	MANUF.	MANUF. #	REMARKS
P1	DOUBLE MAT SLING & HOIST	Performance Sports Systems	4090-B	
P2	CLIMBING WALL	EVERLAST CLIMBING INDUSTRIES, INC.	TRAVERSE WALL SYSTEM	WITH MATS AND MAT LOCKING SYSTEM
P3	MAIN BACKSTOP	Performance Sports Systems	3103	W/ #AFRG42 GLASS BACKBOARD
P4	SIDE BACKSTOP	Performance Sports Systems	3103	W/ #934 WOOD BACKBOARD
P5	MAIN SCOREBOARD	Daktronics, Inc.	BB-2107	
P6	SIDE SCOREBOARD	Daktronics, Inc.	BB-2142	
P7	CHIN UP BAR	Performance Sports Systems	109	
P8	BATTING CAGE	Performance Sports Systems	4080-70	W/ #4087 NET
P9	ARCHERY NET	Performance Sports Systems	4020 & 1108	W/ CARRON HEAVY DUTY ARCHERY NET 51404
P10	ADA BENCH 42"W x 20"D	SEE SPEC	SEE SPEC	
P11	BENCH 48"W x 12"D	SEE SPEC	SEE SPEC	
P12	GYM DIVIDER CURTAIN	Draper,Inc.	SEE SPEC	
P13	BENCH 48"W x 12"D	SEE SPEC	SEE SPEC	
P14	VOLLEYBALL STANDARD	SEE SPEC	SEE SPEC	SEE DETAIL H12/A426

EQUIPMENT SCHEDULE

ITEM	DESCRIPTION	MANUF.	MANUF. #	REMARKS
E1	REFRIGERATOR - ADA COMPLIANT	GE APPLIANCES	GTE22JSNRSS	LOCKABLE IN NURSE'S OFFICES A154 & A158
E2	STUDENT RANGE	GE APPLIANCES	JB480SMSS	
E3	DISHWASHER	GE APPLIANCES	GDT226SSLSS	
E4	ATHLETIC WASHER	MAYTAG COMMERCIAL	MHN33PRCWW	
E5	ATHLETIC DRYER	BELCO	50	
E6	MICROWAVE			N.I.C.
E7	STUDENT RANGE EXHAUST HOOD	GE APPLIANCES	JVX5305SJSS	
E8	ICE MACHINE	MANITOWOC	URF-0310A	
E9	STACKED WASHER & DRYER	GE APPLIANCES	GUD27EESNWW	
E10	UNDER COUNTER REFRIGERATOR	SUMMIT APPLIANCES	AL55	
E11	VENDING MACHINE			N.I.C.
E12	INSTRUCTOR'S COOKTOP	GE APPLIANCES	JP5030SJSS	
E13	STUDENT ISLAND RANGE EXHAUST HOOD	GE APPLIANCES	JVW5301SJSS	
E14	INSTRUCTOR'S RANGE EXHAUST HOOD	GE APPLIANCES	PV977NSS	
E15	MOBILE CHANGER	SMIRTHWAITE MOBI	3123 C-UL	
E16	HOYER LIFT			N.I.C.
E17	FUME HOOD	ICIscientific	F-100-48G5	

FURNISHING SCHEDULE - GENERAL

ITEM	DESCRIPTION	SIZE (INCHES) W	D	H	MANUF.	MANUF. #	REMARKS
G01	BASE OPEN SHELVING	36	14	25	STEVENS	10101	
G02	BASE OPEN SHELVING	36	24	34	STEVENS	10101	
G03	BASE OPEN SHELVING	42	24	34	STEVENS	10101	
G04	BASE CABINET - 1 DOOR	12	24	34	STEVENS	10120	
G07	BASE CABINET - 2 DOOR	24	24	34	STEVENS	10129	
G11	BASE CABINET - 2 DOOR	36	24	24	STEVENS	10129	
G12	BASE CABINET - 2 DOOR	36	24	34	STEVENS	10129	
G13	BASE CABINET - 2 DOOR	39	24	34	STEVENS	10129	
G14	BASE CABINET - 2 DOOR	42	24	34	STEVENS	10129	
G15	BASE CABINET - 2 DOOR	48	24	34	STEVENS	10129	
G16	BASE CABINET - 3 DRAWER	15	24	34	STEVENS	10332	
G17	BASE CABINET - 3 DRAWER	36	24	34	STEVENS	10332	
G19	BASE CABINET - 5 DRAWERS	15	24	30	STEVENS	10392	
G20	BASE CABINET - 6 DRAWERS	48	30	34	STEVENS	10404	NARROW POSTER STORAGE
G21	SINK BASE - ADA	36	24	34	STEVENS	10576	
G22	SINK BASE - CLOSED	36	24	34	STEVENS	10475	
G23	WALL OPEN SHELVING	24	14	30	STEVENS	15101	
G24	WALL OPEN SHELVING	36	14	18	STEVENS	15101	
G25	WALL OPEN SHELVING	36	14	30	STEVENS	15101	
G26	WALL OPEN SHELVING	42	14	30	STEVENS	15101	
G27	WALL OPEN SHELVING	48	14	30	STEVENS	15101	
G28	WALL CABINET - 1 DOOR	15	14	30	STEVENS	15120	
G30	WALL CABINET - 2 DOOR	24	14	30	STEVENS	15129	
G31	WALL CABINET - 2 DOOR	27	14	30	STEVENS	15129	
G32	WALL CABINET - 2 DOOR	30	14	12	STEVENS	15129	
G35	WALL CABINET - 2 DOOR	33	14	30	STEVENS	15129	
G36	WALL CABINET - 2 DOOR	36	14	18	STEVENS	15129	
G37	WALL CABINET - 2 DOOR	36	14	30	STEVENS	15129	
G38	WALL CABINET - 2 DOOR	39	14	18	STEVENS	15129	
G39	WALL CABINET - 2 DOOR	39	14	30	STEVENS	15129	
G40	WALL CABINET - 2 DOOR	42	14	30	STEVENS	15129	
G41	WALL CABINET - 2 DOOR	48	14	30	STEVENS	15129	
G42	TALL OPEN STORAGE	24	24	85	STEVENS	25101	
G43	TALL OPEN STORAGE	36	14	84	STEVENS	25101	
G44	TALL OPEN STORAGE	36	24	85	STEVENS	25101	
G45	TALL OPEN STORAGE	42	24	85	STEVENS	25101	
G46	TALL OPEN STORAGE	48	24	84	STEVENS	25101	
G47	TALL CABINET - 2 DOOR	24	24	84	STEVENS	25129	
G49	TALL CABINET - 2 DOOR	36	24	84	STEVENS	25129	
G50	TALL CABINET - 2 DOOR	48	24	84	STEVENS	25129	
G51	TEACHER WARDROBE	24	24	84	STEVENS	25672	
G52	TEACHER WARDROBE	36	24	84	STEVENS	25688	
G53	TALL METAL SHOP CABINET	24	24	84	STEVENS	25108	
G55	TALL METAL SHOP CABINET	36	24	84	STEVENS	25108	
G56	BASE CABINET - 2 DOOR	36	22	35	DIVERSIFIED WOODCRAFTS INC.	103-3622M	
G57	TOOL STORAGE CABINET	48	24	84	DIVERSIFIED WOODCRAFTS INC.	TETC-40	W/ 1/4" PEGBOARD, OUTLETS
G58	CLAY CART PORT	24	24	34	STEVENS	10683	W/ MOBILE CLAY CART #10685
G59	VERTICAL STORAGE	33	30	34	STEVENS	10515	
G60	VERTICAL STORAGE	48	30	34	STEVENS	10517	
G61	MAILBOX	48	14	30	STEVENS	15255	32 COMPARTMENTS
G62	MAILBOX	48	24	34	STEVENS	10239	
G64	DISPLAY CASE - 4'-0"W x 5'-4"H x 1'-0"D	48	12	64	SEE SPEC.	SEE SPEC.	SEE DETAIL A3/A804
G65	DISPLAY CASE - 4'-0"W x 5'-4"H x 1'-4"D	48	16	64	SEE SPEC.	SEE SPEC.	SEE DETAIL A3/A804
G66	DISPLAY CASE - 5'-0"W x 5'-4"H x 0'-3"D POSTER	60	3	64	SEE SPEC.	SEE SPEC.	SEE DETAIL A5/A804
G67	DISPLAY CASE - 5'-0"W x 5'-4"H x 1'-0"D	60	12	64	SEE SPEC.	SEE SPEC.	SEE DETAIL A3/A804
G68	DISPLAY CASE - 5'-0"W x 5'-4"H x 1'-4"D	60	16	64	SEE SPEC.	SEE SPEC.	SEE DETAIL A3/A804
G69	DISPLAY CASE - 6'-0"W x 5'-4"H x 1'-4"D	72	16	64	SEE SPEC.	SEE SPEC.	SEE DETAIL A3/A804
G70	COMBINATION STORAGE - BASE CABINET W/ DRAWERS	36	24	34	STEVENS	10748	
G71	DEMONSTRATION ISLAND	98	30	36	STEVENS	35144	W/ SINK KIT 35601
G72	TEACHER DESK EXTENSION	48	30	30	STEVENS	35161	
G73	WALL CABINET - 1 DOOR	12	14	30	STEVENS	15120	
G74	BASE CABINET - 3 DRAWER	12	24	34	STEVENS	10332	
G75	TALL OPEN STORAGE	30	24	84	STEVENS	10101	
G76	BASE CABINET - 1 DOOR	18	24	34	STEVENS	10120	
G77	WALL CABINET - 1 DOOR	18	14	30	STEVENS	15120	
G78	BASE CABINET	36	18	30	STEVENS	10129	
G79	BASE CABINET	30	18	30	STEVENS	10129	
G80	FILE DRAWER	15	18	30	STEVENS	10316	
G83	LUMBER/ PLYWOOD STORAGE RACK	4	3	84	DIVERSIFIED WOODCRAFTS, INC.	LR-1WM	SINGLE UPRIGHT, 5 PIPE ARMS. INSTALL PER MANUFACTURER.
G84	MAGAZINE/PAMPHLET RACK	36	14	30	STEVENS	22165	2 MAGAZINE SHELVES
G85	BASE OPEN SHELVING	48	14	25	STEVENS	10101	
G86	SIGNUM TABLE - BASIC ELEMENT		40	34	BCI LIBRARIES	B 4021 10G XX	
G87	SIGNUM TABLE - ADD ON ELEMENT		40	34	BCI LIBRARIES	B 4021 10A XX	
G88	WORKBENCH WITH WOOD CABINETS	48		31	DIVERSIFIED WOODCRAFTS, INC.	WW31C5	ON CASTERS
G89	WORKBENCH WITH METAL CABINETS	28		33	DIVERSIFIED WOODCRAFTS, INC.	WBB4-0V	ON CASTERS
G91	WORKBENCH WITH VISES	64	54	31	DIVERSIFIED WOODCRAFTS INC.	WW4-4V	
G92	BASE OPEN SHELVING	63	24	34	STEVENS	10101	1 ADD
G93	PERSPECTIVE DAMP CABINET	36	18	84	DIVERSIFIED WOODCRAFTS, INC.	9100BL	
G94	PERSPECTIVE DRYING CABINET	36	18	84	DIVERSIFIED WOODCRAFTS, INC.	9200BL	

FURNISHING SCHEDULE - SCIENCE

ITEM	DESCRIPTION	SIZE (INCHES) W	D	H	MANUF.	MANUF. #	REMARKS
S4	BASE CABINET - 2 DOOR	30	24	34	CAMPBELL RHEA	3681C	
S5	BASE CABINET - 2 DOOR	30	30	34	CAMPBELL RHEA	3681C	
S6	BASE CABINET - 2 DOOR	36	24	34	CAMPBELL RHEA	3681D	
S7	BASE CABINET - 2 DOOR	36	30	34	CAMPBELL RHEA	3681D	
S10	BASE CABINET - 4 DRAWERS	24	24	34	CAMPBELL RHEA	3636	
S11	BASE CABINET - 4 DRAWERS	24	30	34	CAMPBELL RHEA	3636	
S12	WALL CABINET - 2 DOOR	24	14	24	CAMPBELL RHEA	4689	
S13	WALL CABINET - 2 DOOR	30	14	24	CAMPBELL RHEA	4693	
S14	WALL CABINET - 2 DOOR	36	14	16	CAMPBELL RHEA	4671	
S15	WALL CABINET - 2 DOOR	36	14	24	CAMPBELL RHEA	4695	
S16	WALL CABINET - 2 DOOR	48	14	24	CAMPBELL RHEA	4699	
S17	TALL CABINET - 2 DOOR	30	24	84	CAMPBELL RHEA	5686	
S18	TALL OPEN STORAGE	36	24	84	CAMPBELL RHEA	5668	SHELVING W/ LIP
S19	TALL CABINET - 2 DOOR	36	24	84	CAMPBELL RHEA	5688	SHELVING W/ LIP
S21	TOTE TRAY STORAGE	27	24	84	CAMPBELL RHEA	6350	
S22	FLAMMABLE STORAGE CABINET	43	18	65	CAMPBELL RHEA	6778	
S23	ACID STORAGE CABINET	43	18	65	CAMPBELL RHEA	6781C	
S24	SINK BASE - ADA	36	24	34	CAMPBELL RHEA	8760	
S26	SINK BASE - CLOSED	36	30	34	CAMPBELL RHEA	2358	
S27	SAFETY CENTER - ADA	35	22	84	CAMPBELL RHEA	6774A	
S28	PEGBOARD W/ DRIP TROUGH				CAMPBELL RHEA	6667B	
S29	GOGGLE CABINET	24	12	30	CAMPBELL RHEA	6784	
S30	TEACHER WARDROBE	36	24	84	CAMPBELL RHEA	6961	
S34	BASE CABINET - 2 DOOR	24	30	36	CAMPBELL RHEA	1500	
S35	BASE CABINET - 2 DOOR	30	30	36	CAMPBELL RHEA	1504	
S36	SINK BASE - CLOSED	36	30	36	CAMPBELL RHEA	2358	
S37	BASE CABINET - 4 DRAWERS	24	30	36	CAMPBELL RHEA	1268	
S38	TEACHER WARDROBE	24	24	84	CAMPBELL RHEA	5850	
S39	WALL CABINET - 2 DOOR	27	14	24	CAMPBELL RHEA	4693	
S40	TALL CABINET - 2 DOOR	48	24	84	CAMPBELL RHEA	5692	SHELVING W/ LIP
S41	INSTRUCTOR DESK	96	30	36	CAMPBELL RHEA	6016	
S42	INSTRUCTOR SIDE DESK	48	30	30	CAMPBELL RHEA	6020 & 6021	SEE PLANS FOR ORIENTATION.
S43	BASE CABINET - 4 DRAWERS	21	24	34	CAMPBELL RHEA	3635	
S55	BASE CABINET	24	24	34	CAMPBELL RHEA	3681E	
S56	BASE CABINET - 4 DRAWERS	21	30	36	CAMPBELL RHEA	1266	

FURNISHING AND EQUIPMENT NOTES

NOTE: NOT ALL ITEMS INDICATED ON SCHEDULE ARE REPRESENTED IN THIS PROJECT.

1. ALL CABINET HEIGHTS INCLUDE COUNTERTOPS. DIMENSIONS ARE TO THE NEAREST INCH.
2. DIVISIONS IN CASEWORK ARE SHOWN FOR CLARITY AND DO NOT REPRESENT BREAKS IN THE COUNTERTOP.
3. PROVIDE CONTINUOUS COUNTERTOP OVER ALL SIMILAR HEIGHT CASEWORK, UNLESS OTHERWISE NOTED.
4. MANUFACTURER AND CATALOG NUMBERS ARE FOR REFERENCE AND ILLUSTRATION PURPOSES ONLY. SEE SPECIFICATION FOR FULL CASEWORK REQUIREMENTS.
5. PROVIDE RESILIENT BASE FOR ALL CASEWORK THAT MEETS THE FLOOR ON FRONT AND EXPOSED SIDES AND BACK.
6. DOTTED LINES INDICATE WALL HUNG CABINETS, DIVISIONS OF BASE CABINETS BELOW THE COUNTERTOP. FURNITURE NOT IN THE CONTRACT OR PROJECTION SCREENS -SEE CASEWORK KEY AND SPECIFICATIONS.
7. ALL CABINETS AND DRAWERS TO HAVE CAM LOCKS EXCEPT FOR SINK BASE CABINETS.
8. ALL EXPOSED SURFACES (EXPOSED TO VIEW FROM ANY PERSPECTIVE) TO BE COVERED WITH LAMINATE.
9. WHERE CASEWORK MEETS A WALL AT ONE OR BOTH ENDS AND JOINT BETWEEN CASEWORK AND WALL EXCEEDS 3/16", PROVIDE FILLER PANEL(S) SCRIBED TO WALL. PROVIDE SEALANT AT JOINTS 3/16" OR LESS INCLUDING BETWEEN FILLER PANEL AND WALL.
10. ALL CABINETS AND DRAWERS IN THE KINDERGARTEN ROOMS TO BE PROVIDED WITH RECESSED HANDLES.
11. ALL COUNTERTOP CORNERS TO BE 1/2" RADIUSED UNLESS OTHERWISE NOTED.
12. PROVIDE ADEQUATE BLOCKING IN STUD WALLS AND AT CMU WALLS FOR WALL-MOUNTED EQUIPMENT AND FURNISHINGS.
13. CONTRACTOR TO FIELD VERIFY ALL CLEAR OPENINGS PRIOR TO MILLWORK OR CASEWORK FABRICATION.
14. MILLWORK AND CASEWORK DRAWINGS ARE DIAGRAMMATIC IN NATURE TO SHOW DESIGN INTENT. ALL WORK TO BE DONE IN ACCORDANCE WITH SPECIFICATIONS. CONSTRUCTION DETAILS ARE TO BE SUBMITTED IN SHOP DRAWINGS AND ARE SUBJECT TO THE APPROVAL OF THE ARCHITECT.

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GP #22105

FURNITURE AND EQUIPMENT SCHEDULES

NORTH EAST MIDDLE / HIGH SCHOOL
300 IRISHTOWN ROAD, NORTH EAST, MD

DATE	DESCRIPTION
03/13/2024	ADDENDUM 1

A800

12/22/2023
BID SET

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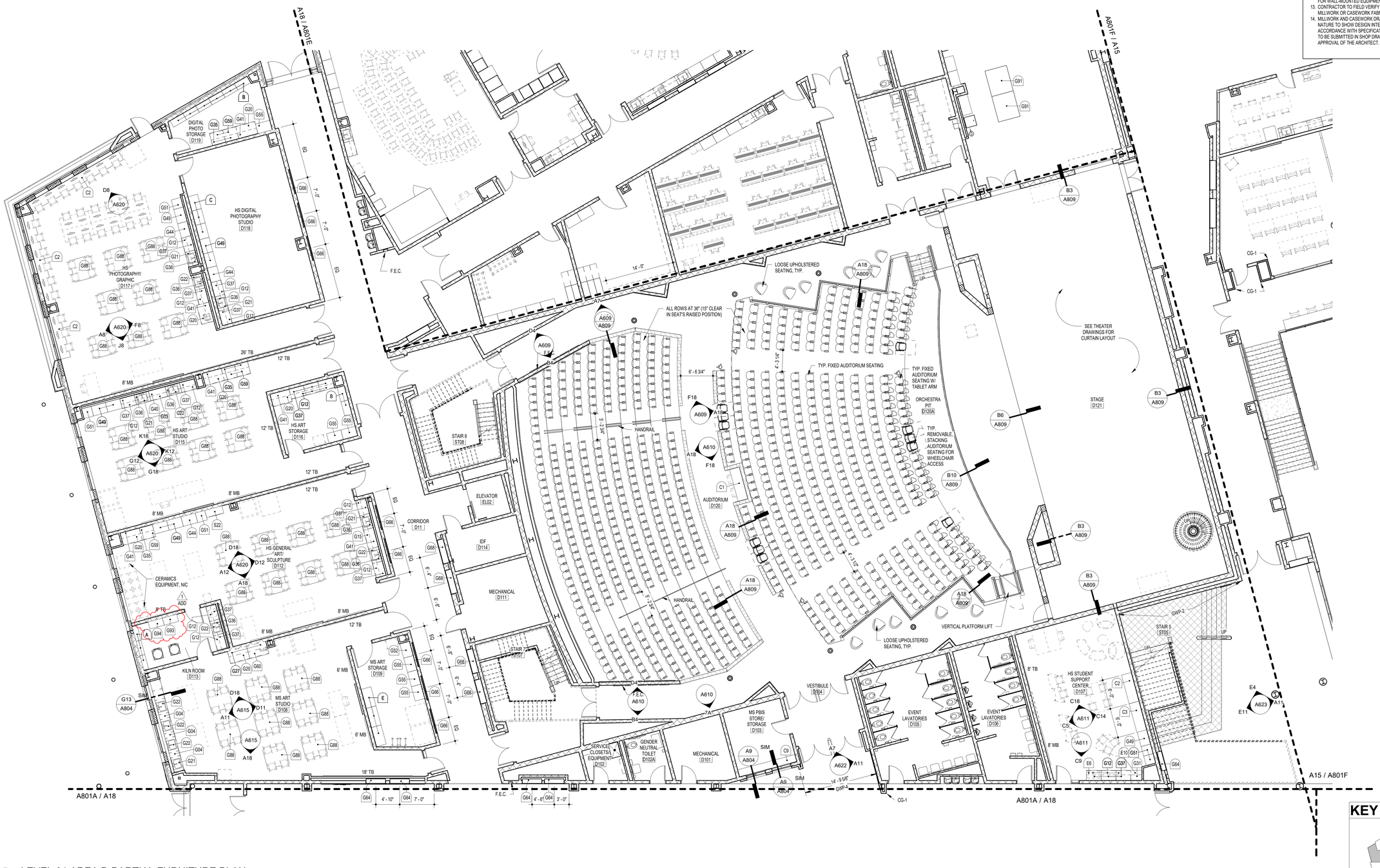
AUDITORIUM SEAT COUNT:

MAIN LEVEL:	
FIXED	776
REMOVABLE	11
BALCONY LEVEL:	
FIXED	197
REMOVABLE	7
TOTAL:	991



A18 LEVEL 01 AREA D PARTIAL FURNITURE PLAN
1/8" = 1'-0"

FURNISHING AND EQUIPMENT NOTES

NOTE: NOT ALL ITEMS INDICATED ON SCHEDULE ARE REPRESENTED IN THIS PROJECT.

1. ALL CABINET HEIGHTS INCLUDE COUNTERTOPS. DIMENSIONS ARE TO THE NEAREST INCH.
2. DIVISIONS IN CASEWORK ARE SHOWN FOR CLARITY AND DO NOT REPRESENT BREAKS IN THE COUNTERTOP.
3. PROVIDE CONTINUOUS COUNTERTOP OVER ALL SIMILAR HEIGHT CASEWORK, UNLESS OTHERWISE NOTED.
4. MANUFACTURER AND CATALOG NUMBERS ARE FOR REFERENCE AND ILLUSTRATION PURPOSES ONLY. SEE SPECIFICATION FOR FULL CASEWORK REQUIREMENTS.
5. PROVIDE RESILIENT BASE FOR ALL CASEWORK THAT MEETS THE FLOOR ON FRONT AND EXPOSED SIDES AND BACK.
6. DOTTED LINES INDICATE WALL HUNG CABINETS, DIVISIONS OF BASE CABINETS BELOW THE COUNTERTOP, FURNITURE NOT IN THE CONTRACT OR PROJECTION SCREENS -SEE CASEWORK KEY AND SPECIFICATIONS.
7. ALL CABINETS AND DRAWERS TO HAVE CAM LOCKS EXCEPT FOR SINK BASE CABINETS.
8. ALL EXPOSED SURFACES (EXPOSED TO VIEW FROM ANY PERSPECTIVE) TO BE COVERED WITH LAMINATE.
9. WHERE CASEWORK MEETS A WALL AT ONE OR BOTH ENDS AND JOINT BETWEEN CASEWORK AND WALL EXCEEDS 3/16", PROVIDE FILLER PANEL(S) SCRIBED TO WALL. PROVIDE SEALANT AT JOINTS 3/16" OR LESS INCLUDING BETWEEN FILLER PANEL AND WALL.
10. ALL CABINETS AND DRAWERS IN THE KINDERGARTEN ROOMS TO BE PROVIDED WITH RECESSED HANDLES.
11. ALL COUNTERTOP CORNERS TO BE 1/2" RADIUSED UNLESS OTHERWISE NOTED.
12. PROVIDE ADEQUATE BLOCKING IN STUD WALLS AND AT CMU WALLS FOR WALL-MOUNTED EQUIPMENT AND FURNISHINGS.
13. CONTRACTOR TO FIELD VERIFY ALL CLEAR OPENINGS PRIOR TO MILLWORK OR CASEWORK FABRICATION.
14. MILLWORK AND CASEWORK DRAWINGS ARE DIAGRAMMATIC IN NATURE TO SHOW DESIGN INTENT. ALL WORK TO BE DONE IN ACCORDANCE WITH SPECIFICATIONS. CONSTRUCTION DETAILS ARE TO BE SUBMITTED IN SHOP DRAWINGS AND ARE SUBJECT TO THE APPROVAL OF THE ARCHITECT.

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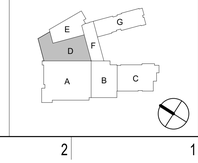
GP #22105

LEVEL 01 AREA D FURNITURE PLAN

NORTH EAST MIDDLE / HIGH SCHOOL
300 IRISHTOWN ROAD, NORTH EAST, MD

DATE	DESCRIPTION
03/13/2024	ADDENDUM 1

KEY PLAN



A801D

12/22/2023
BID SET

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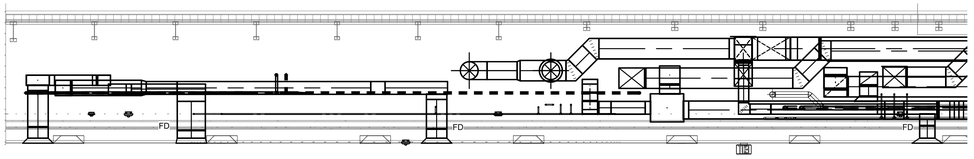
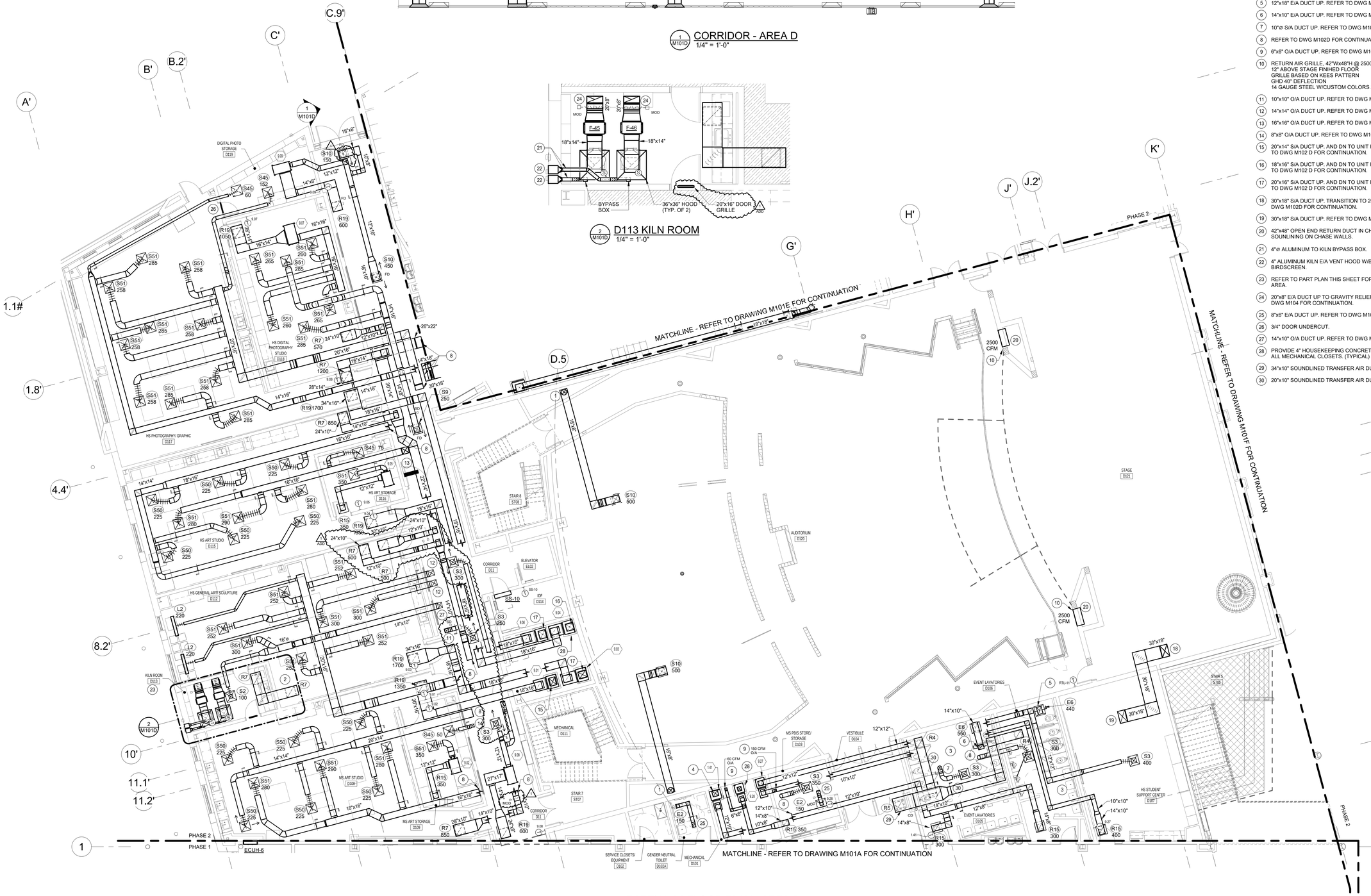


1 M101D CORRIDOR - AREA D
1/4" = 1'-0"

2 M101D D113 KILN ROOM
1/4" = 1'-0"



PARTIAL 01 FLOOR PLAN - AREA D
1/8" = 1'-0"

GENERAL NOTES:

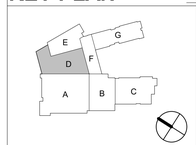
1. ALL WORK IN THIS AREA IS DONE UNDER PHASE 2.
2. ALL AIR DEVICES WITH DESIGNATED CFM SHALL BE PROVIDE WITH MANUAL VOLUME DAMPER.

DRAWING NOTES:

1. 18"x8" S/A DUCT UP. TRANSITION TO 14"ø IN VERTICAL. REFER TO DWG M102D FOR CONTINUATION.
2. 24"x14" SOUNDLINED TRANSFER AIR DUCT.
3. HVAC WORK ASSOCIATED WITH EVENT LAV. D105 AND D106 IS UNDER PHASE 1.
4. 14"x14" S/A DUCT UP. REFER TO DWG M102D FOR CONTINUATION.
5. 12"x18" E/A DUCT UP. REFER TO DWG M102D FOR CONTINUATION.
6. 14"x10" E/A DUCT UP. REFER TO DWG M102D FOR CONTINUATION.
7. 10"ø S/A DUCT UP. REFER TO DWG M102D FOR CONTINUATION.
8. REFER TO DWG M102D FOR CONTINUATION.
9. 6"x6" O/A DUCT UP. REFER TO DWG M102D FOR CONTINUATION.
10. RETURN AIR GRILLE, 42"Wx48"H @ 2500 CFM
    12" ABOVE STAGE FINIHED FLOOR
    GRILLE BASED ON KEES PATTERN
    GHD 40° DEFLECTION
    14 GAUGE STEEL W/CUSTOM COLORS AS SELECTD BY ARCHITECT.
11. 10"x10" O/A DUCT UP. REFER TO DWG M102D FOR CONTINUATION.
12. 14"x14" O/A DUCT UP. REFER TO DWG M102D FOR CONTINUATION.
13. 16"x16" O/A DUCT UP. REFER TO DWG M102D FOR CONTINUATION.
14. 8"x8" O/A DUCT UP. REFER TO DWG M102D FOR CONTINUATION.
15. 20"x14" S/A DUCT UP. AND DN TO UNIT FULL SIZE CONNECTION. REFER TO DWG M102 D FOR CONTINUATION.
16. 18"x16" S/A DUCT UP. AND DN TO UNIT FULL SIZE CONNECTION. REFER TO DWG M102 D FOR CONTINUATION.
17. 20"x16" S/A DUCT UP. AND DN TO UNIT FULL SIZE CONNECTION. REFER TO DWG M102 D FOR CONTINUATION.
18. 30"x18" S/A DUCT UP. TRANSITION TO 26"ø IN VERTICAL. REFER TO DWG M102D FOR CONTINUATION.
19. 30"x18" S/A DUCT UP. REFER TO DWG M102D FOR CONTINUATION.
20. 42"x48" OPEN END RETURN DUCT IN CHASE. PROVIDE 2" THICK SOUNLINING ON CHASE WALLS.
21. 4"ø ALUMINUM TO KILN BYPASS BOX.
22. 4" ALUMINUM KILN E/A VENT HOOD W/BACKDRAFT DAMPER AND BIRDSCREEN.
23. REFER TO PART PLAN THIS SHEET FOR MORE INFORMATION IN THIS AREA.
24. 20"x8" E/A DUCT UP TO GRAVITY RELIEF VENT ON ROOF. REFER TO DWG M104 FOR CONTINUATION.
25. 8"x6" E/A DUCT UP. REFER TO DWG M102D FOR CONTINUATION.
26. 3/4" DOOR UNDERCUT.
27. 14"x10" O/A DUCT UP. REFER TO DWG M102D FOR CONTINUATION.
28. PROVIDE 4" HOUSEKEEPING CONCRETE PAD FOR HEAT PUMP UNITS IN ALL MECHANICAL CLOSETS. (TYPICAL)
29. 34"x10" SOUNDLINED TRANSFER AIR DUCT.
30. 20"x10" SOUNDLINED TRANSFER AIR DUCT.

SCALE: 1/8" = 1'-0"
8 0 8 16

KEY PLAN



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GRIMM + PARKER ARCHITECTS

GP #22105

LEVEL 01 AREA D PARTIAL FLOOR PLAN

NORTH EAST MIDDLE / HIGH SCHOOL
300 IRISHTOWN ROAD, NORTH EAST, MD

DATE	DESCRIPTION
3/13/2024	ADDENDUM #1

M101D

12/22/2023
BID SET

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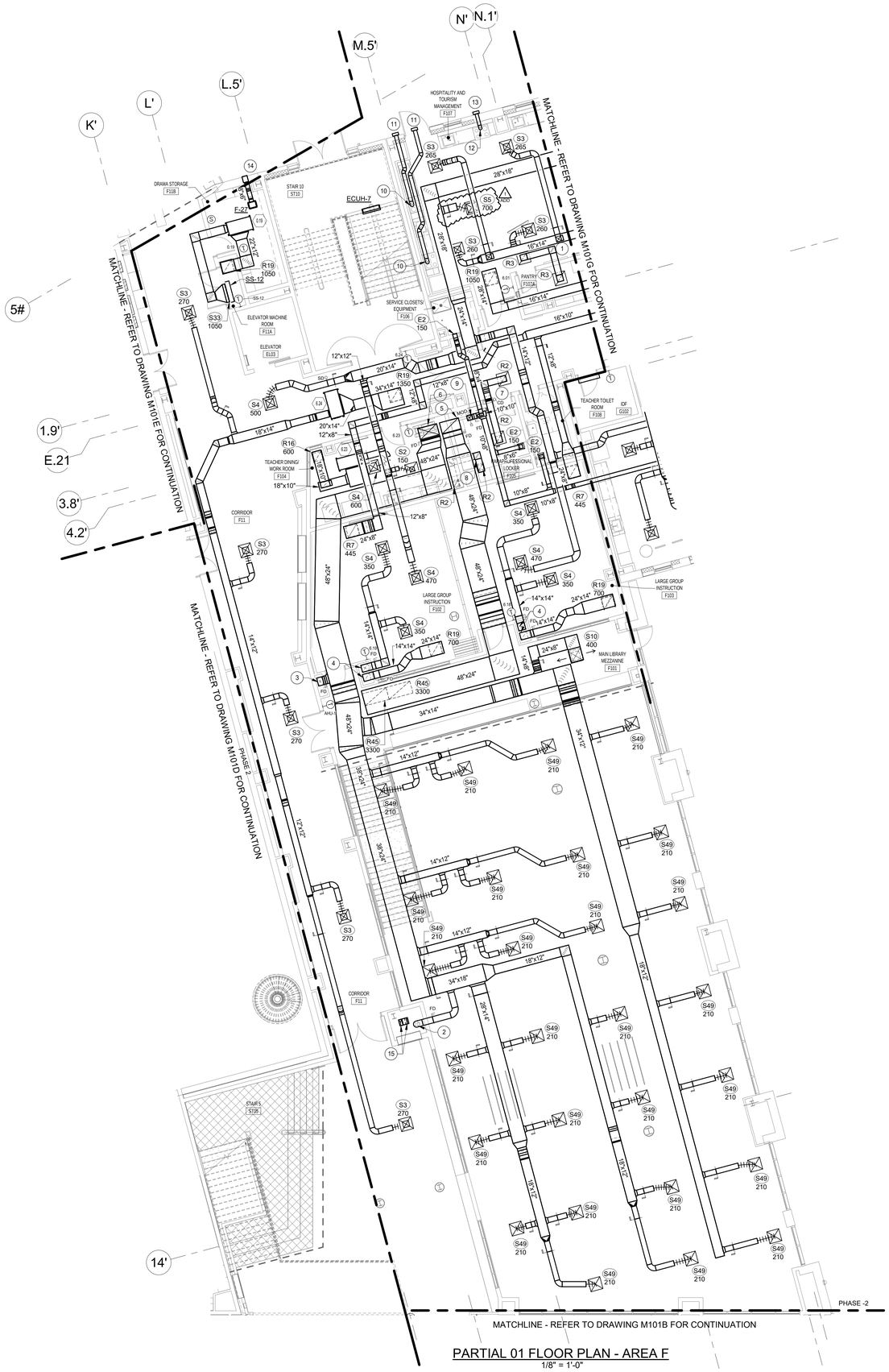


PARTIAL 01 FLOOR PLAN - AREA F

1/8" = 1'-0"

GENERAL NOTES:

1. ALL WORK IN THIS AREA IS DONE UNDER PHASE 2.
2. ALL AIR DEVICES WITH DESIGNATED CFM SHALL BE PROVIDE WITH MANUAL VOLUME DAMPER.

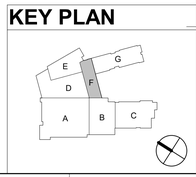
DRAWING NOTES:

1. 12"x12" SOUNDLINED TRANSFER AIR DUCT.
2. 12"ø S/A DUCT DN. REFER TO DWG M100F FOR CONTINUATION.
3. 16"x10" S/A DUCT DN. REFER TO DWG M100F FOR CONTINUATION.
4. 14"x14" S/A AND R/A DUCT DN. REFER TO DWG M100F FOR CONTINUATION.
5. 38"x22" R/A DUCT UP. REFER TO DWG M102F FOR CONTINUATION.
6. 38"x22" S/A UP. TRANSITION TO 48"x24" DN IN VERTICAL. REFER TO DWG M102F FOR CONTINUATION.
7. 12"x8" SOUNDLINED TRANSFER AIR DUCT.
8. 12"x4" SOUNDLINED TRANSFER AIR DUCT.
9. 10"x10" E/A DUCT UP. REFER TO DWG M102F FOR CONTINUATION.
10. 7"ø SS DN. TO SS HOOD FULL SIZE CONNECTION.
11. 7"ø SS EXHAUST DUCT WITH BROAN WALL CAP MODEL 643 WITH BACKDRAFT DAMPER AND BIRD SCREEN. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATION.
12. 6"ø SS DN. TO SS HOOD FULL SIZE CONNECTION.
13. 6"ø SS EXHAUST DUCT WITH BROAN WALL CAP MODEL 643 WITH BACKDRAFT DAMPER AND BIRD SCREEN. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATION.
14. 8"x8" BRICK VENT BASED ON GREENHECK MODEL BVE808. CUSTOM COLOR AS SELECTED BY ARCHITECT.
15. 12"x6" E/A DUCT DN. OFFSET IN HORIZONTAL UP. TRANSITION TO 12"x8" IN VERTICAL. REFER TO DWG M100F AND M102F FOR CONTINUATION.

SCALE: 1/8" = 1'-0"

8 0 8 16

KEY PLAN



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GP #22105

LEVEL 01 AREA F PARTIAL FLOOR PLAN

NORTH EAST MIDDLE / HIGH SCHOOL
300 IRISHTOWN ROAD, NORTH EAST, MD

DATE	DESCRIPTION
3/13/2024	ADDENDUM #1

M101F

12/22/2023
BID SET

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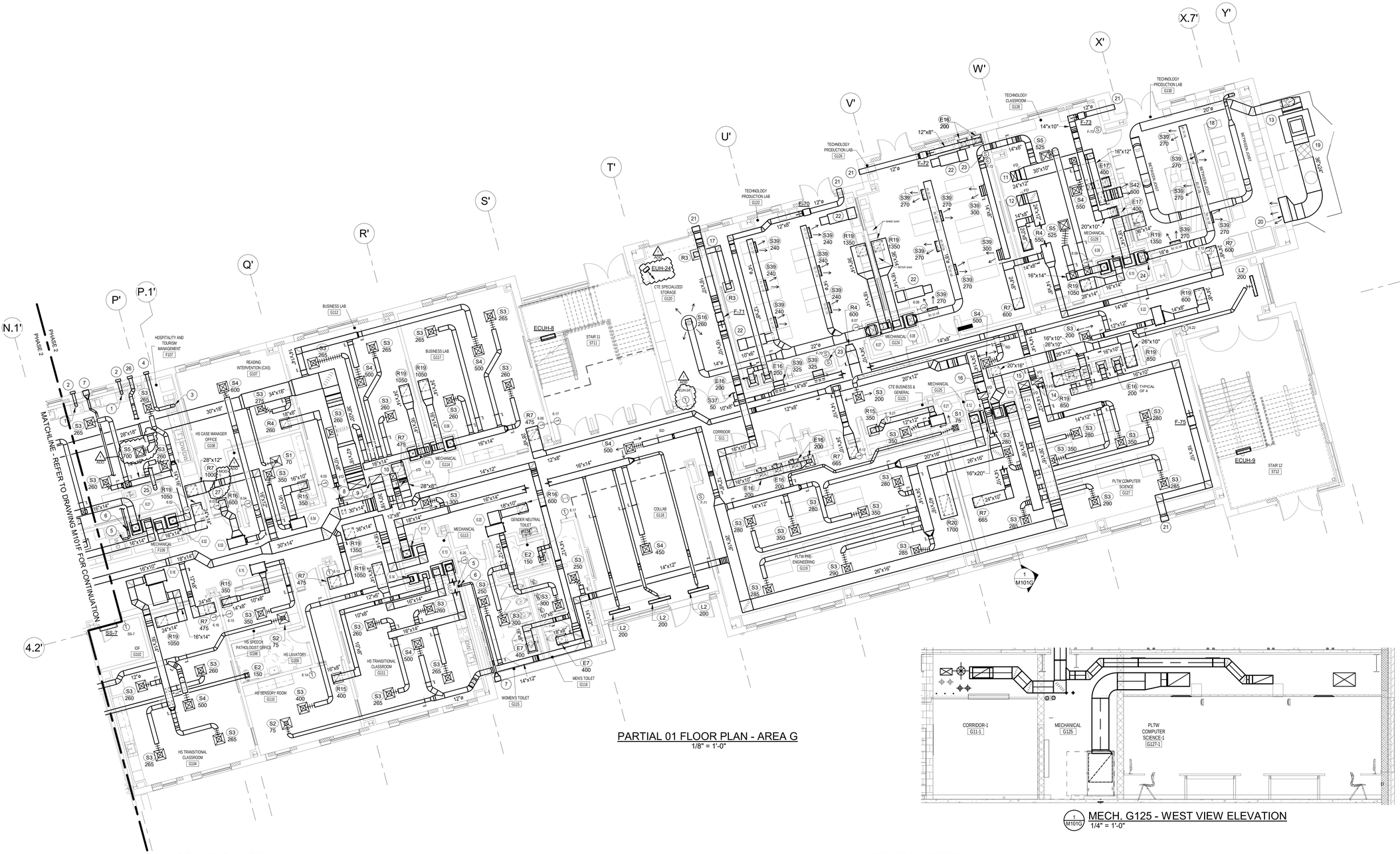


PARTIAL 01 FLOOR PLAN - AREA G
1/8" = 1'-0"

1 M101G MECH. G125 - WEST VIEW ELEVATION
1/4" = 1'-0"

DRAWING NOTES:

1. 6"ø SS DN. TO SS HOOD FULL SIZE CONNECTION.
2. 6"ø SS EXHAUST DUCT WITH BROAN WALL CAP MODEL 641 WITH BACKDRAFT DAMPER AND BIRD SCREEN. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATION.
3. 7"ø SS DN. TO SS HOOD FULL SIZE CONNECTION.
4. 7"ø SS EXHAUST DUCT WITH BROAN WALL CAP MODEL 643 WITH BACKDRAFT DAMPER AND BIRD SCREEN. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATION.
5. 4"ø SS DRYER VENT CONNECT TO FULL SIZE DRYER CONNECTION.
6. 4"ø SS DRYER VENT UP.
7. 4"ø HOODED WALL CAP WITH BACKDRAFT DAMPER AND BRIDSCREEN.
8. 42"x18" O/A DUCT UP. REFER TO DWG M102G AND M103G FOR CONTINUATION.
9. 30"x18" R/A DUCT UP. REFER TO DWG M102G AND M103G FOR CONTINUATION.
10. 14"x14" E/A DUCT UP. REFER TO DWG M102G AND M103G FOR CONTINUATION.
11. 24"x12" O/A DUCT UP. REFER TO DWG M102G FOR CONTINUATION.
12. 24"x12" R/A DUCT UP. REFER TO DWG M102G AND M103G FOR CONTINUATION.
13. CENTRAL DUST COLLECTION SYSTEM WITH 2-55 GALLON DRUM HOPPERS ON CONCRETE PAD. REFER TO DETAIL SHEET FOR ADDITIONAL INFORMATION.
14. 14"x12" AND 14"x14" O/A DUCT UP. TRANSITION TO 28"x12 IN VERTICAL. CONNECT TO 38"x20" PLENUM BOX IN LEVEL 2 CHASE. REFER TO DWG M102G FOR CONTINUATION.
15. 26"x16" O/A DUCT UP. CONNECT TO 38"x20" PLENUM BOX IN LEVEL 2 CHASE. REFER TO DWG M102G FOR CONTINUATION.
16. 24"x14" R/A DUCT UP. REFER TO DWG M102G AND M103G FOR CONTINUATION.
17. 12"x12" SOUNDLINED TRANSFER AIR DUCT.
18. REFER TO PRODUCTION LAB DUST COLLECTOR DETAIL ON DETAIL SHEET FOR MORE INFORMATION.
19. 36"x24" SOUND ATTENUATOR WITH HOT DIPPED GALVANIZES STEEL PIPE SUPPORT. REFER TO PRODUCTION LAB DUST COLLECTOR DETAIL ON DETAIL SHEET FOR MORE INFORMATION.
20. 60"x36" OPEN END DUCT WITH 1/2" MESH BIRDSCREEN.
21. 12"ø WALL CAP WITH BACK DRAFT DAMPER AND BIRDSCREEN.
22. RECIRCULATING DUST FILTRATION UNIT. AIR FLOW SYSTEMS MODEL F70-R. INTERLOCK WITH SWITCH.

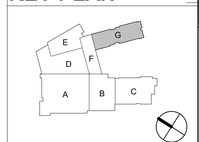
    2500 CFM HIGH SPEED
    1400 CFM LOW SPEED
    WITH SILENCER
    2" THICK PRE FILTER
    95% BAG FILTER
    MONOMITTER PRESSURE GAUGE KIT
    3/4" HP, 120V/1ø/60HZ
    FREE HANGING WITH VIBRATION ISOLATION
23. AIR FLOW SYSTEM SWITCH.
24. PROVIDE 4" HOUSEKEEPING CONCRETE PAD FOR HEAT PUMP UNITS IN ALL MECHANICAL CLOSETS.
25. 8"ø SS DN. TO SS HOOD FULL SIZE CONNECTION.
26. 8"ø SS EXHAUST DUCT WITH BROAN WALL CAP MODEL 643 WITH BACKDRAFT DAMPER AND BIRD SCREEN. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATION.
27. INCRIMENTALLY CLOSE RETURN AIR DAMPER BASED ON QUANTITY OF KITCHEN HOOD OPERATION. PROVIDE CURRENT SENOSR FOR EACH KITCHEN HOOD EXHAUST FAN. ADD

GENERAL NOTES:

1. ALL WORK IN THIS AREA IS DONE UNDER PHASE 2.
2. ALL AIR DEVICES WITH DESIGNATED CFM SHALL BE PROVIDE WITH MANUAL VOLUME DAMPER.

SCALE: 1/8" = 1'-0"
8 0 8 16

KEY PLAN



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GP #22105

LEVEL 01 AREA G PARTIAL FLOOR PLAN

NORTH EAST MIDDLE / HIGH SCHOOL
300 IRISHTOWN ROAD, NORTH EAST, MD

DATE	DESCRIPTION
3/13/2024	ADDENDUM #1

M101G

12/22/2023
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WATER TO AIR HEAT PUMP SCHEDULE

X.XX	ZONE INTERLOCK (RTU-X)	AREA SERVED	UNIT LOCATION	TYPE: HOR./VERT.	TYPE: SINGLE / DUAL CAPACITY	FAN: CFM	FAN: ESP (in. H2O)	EC MOTOR: HP	COOLING MODE: TOTAL CAP (MBH)	SENS CAP (MBH)	EAT DB (°F)	EAT WB (°F)	LAT DB (°F)	EWT (°F)	LWT (°F)	POWER (kW)	HEAT OF REJECTION (MBH)	HEATING MODE: TOTAL CAP (MBH)	EAT (°F)	LAT (°F)	EWT (°F)	LWT (°F)	POWER (kW)	HEAT OF EXTRACTION (MBH)	GROUND LOOP: FLOW (GPM)	MAX PD (ft. H2O)	FLUID TYPE PROPYLENE GLYCOL	ELECTRICAL: FLA	MCA	MFS	V/ø/Hz	EMERG. POWER	COMPRESSOR(S): QTY	MCC	RLA	LRA	UNIT PIPE CONNECTIONS: HPWS (INCHES)	HPWR (INCHES)	CD (INCHES)	BASED ON WATER FURNACE	X.XX
0.01	RTU-2	B004, B005 TOILET	B003	HORIZONTAL	SINGLE	600	0.5	1/2	16.8	11.1	80	67	58	90	100	1.15	20.5	17.5	70	95	47	40	1.31	13.0	4.0	6.6	35%	9.7	11.1	15	265/1/60	YES	1	8.7	5.6	28.0	1.00	1.00	0.75	NB018	0.01
0.02	RTU-2	B01 - CORRIDOR	B002	HORIZONTAL	DUAL	700/500	0.5	1/2	20.5	15.0	80	67	58	90	100	1.11	24.2	18.5	70	95	47	40	1.09	14.8	5.0	4.3	35%	7.6	8.4	15	460/3/60	YES	1	5.4	3.5	28.0	1.00	1.00	0.75	NB026	0.02
0.03	RTU-2	B01 - CORRIDOR	B018	HORIZONTAL	DUAL	700/500	0.5	1/2	20.5	15.0	80	67	58	90	100	1.11	24.2	18.5	70	95	47	40	1.09	14.8	5.0	4.3	35%	7.6	8.4	15	460/3/60	YES	1	5.4	3.5	28.0	1.00	1.00	0.75	NB026	0.03
0.04	RTU-12	A012 TRANINING ROOM	A012	CONSOLE	SINGLE	325	0.1	1/4	8.9	6.2	80	67	58	90	100	0.73	11.4	7.9	70	90	47	40	0.61	5.8	2.0	9.4	35%	12.3	14.3	20	115/1/60	YES	1	12.5	8.0	50.0	1.00	1.00	0.75	NCW09	0.04
0.05	INDEPENDENT	B012 - PRODUCTION AREA	B023 STOR.	HORIZONTAL	DUAL	1700/1400	0.5	1/2	51.8	38.2	80	67	58	90	100	3.43	63.5	43.5	70	35	47	40	3.49	31.6	13.0	7.8	35%	15.4	17.5	25	480/3/60	YES	1	13.2	8.5	66.1	1.00	1.00	0.75	NB072	0.05
0.06	RTU-12	A009 CONCESSION	A005 CHEER MAT	HORIZONTAL	SINGLE	350	0.3	1/10	9.2	6.7	80	67	58	90	100	0.70	11.6	8.4	70	35	47	40	0.70	6.1	3.0	22.2	35%	5.2	6.3	10	265/1/60	YES	1	6.7	4.3	22.0	1.00	1.00	0.75	NB009	0.06
0.07	RTU-12	A007, A007A HS PE STORAGE	A007A STO.	HORIZONTAL	SINGLE	350	0.3	1/10	9.2	6.7	80	67	58	90	100	0.70	11.6	8.4	70	35	47	40	0.70	6.1	3.0	22.2	35%	5.2	6.3	10	265/1/60	YES	1	6.7	4.3	22.0	1.00	1.00	0.75	NB009	0.07
0.08	RTU-12	A026, A027 MS PE STORAGE	A026	HORIZONTAL	SINGLE	350	0.3	1/10	9.2	6.7	80	67	58	90	100	0.70	11.6	8.4	70	35	47	40	0.70	6.1	3.0	22.2	35%	5.2	6.3	10	265/1/60	YES	1	6.7	4.3	22.0	1.00	1.00	0.75	NB009	0.08
0.09	RTU-12	A023 - MS PE OFFICE	A023	CONSOLE	SINGLE	325	0.1	1/4	8.9	6.2	80	67	58	90	100	0.73	11.4	7.9	70	90	47	40	0.61	5.8	2.0	9.4	35%	12.3	14.3	20	115/1/60	YES	1	12.5	8.0	50.0	1.00	1.00	0.75	NCW09	0.09
0.10	RTU-12	A021 - MS PE OFFICE	A021	CONSOLE	SINGLE	325	0.1	1/4	8.9	6.2	80	67	58	90	100	0.73	11.4	7.9	70	90	47	40	0.61	5.8	2.0	9.4	35%	12.3	14.3	20	115/1/60	YES	1	12.5	8.0	50.0	1.00	1.00	0.75	NCW09	0.10
0.11	RTU-12	A015 - HS PE OFFICE	A015	CONSOLE	SINGLE	325	0.1	1/4	8.9	6.2	80	67	58	90	100	0.73	11.4	7.9	70	90	47	40	0.61	5.8	2.0	9.4	35%	12.3	14.3	20	115/1/60	YES	1	12.5	8.0	50.0	1.00	1.00	0.75	NCW09	0.11
0.12	RTU-12	A014 - HS PE OFFICE	A015	CONSOLE	SINGLE	325	0.1	1/4	8.9	6.2	80	67	58	90	100	0.73	11.4	7.9	70	90	47	40	0.61	5.8	2.0	9.4	35%	12.3	14.3	20	115/1/60	YES	1	12.5	8.0	50.0	1.00	1.00	0.75	NCW09	0.12
0.13	INDEPENDENT	B024 - MDF	B024	HORIZONTAL	DUAL	1050/900	0.5	1/2	27.4	21.0	80	67	58	90	100	1.49	32.5	23.3	70	91	47	40	1.45	18.3	6.0	3.7	35%	9.8	11.2	15	460/3/60	YES	1	8.9	5.7	38.0	1.00	1.00	0.75	NB038	0.13
0.14	INDEPENDENT	B015 OFFICE , B013 LOCKER	B012	HORIZONTAL	SINGLE	350	0.3	1/10	9.2	6.7	80	67	58	90	100	0.70	11.6	8.4	70	35	47	40	0.70	6.1	3.0	22.2	35%	5.2	6.3	10	265/1/60	YES	1	6.7	4.3	22.0	1.00	1.00	0.75	NB009	0.14
0.15	INDEPENDENT	B021 - RECEI.AREA, B023 GEN. STORAGE	B021	HORIZONTAL	SINGLE	600	0.5	1/2	16.8	11.1	80	67	58	90	100	1.15	20.5	17.5	70	95	47	40	1.31	13.0	4.0	6.6	35%	9.7	11.1	15	265/1/60	YES	1	8.7	5.6	28.0	1.00	1.00	0.75	NB018	0.15
0.16	INDEPENDENT	B027 CUS. OFFICE, B026 STAFF LOCKER	B012	HORIZONTAL	SINGLE	350	0.3	1/10	9.2	6.7	80	67	58	90	100	0.70	11.6	8.4	70	35	47	40	0.70	6.1	3.0	22.2	35%	5.2	6.3	10	265/1/60	YES	1	6.7	4.3	22.0	1.00	1.00	0.75	NB009	0.16
0.17	RTU-12	A030 ATHLETIC DIRECTOR	A03	HORIZONTAL	SINGLE	350	0.3	1/10	9.2	6.7	80	67	58	90	100	0.70	11.6	8.4	70	35	47	40	0.70	6.1	3.0	22.2	35%	5.2	6.3	10	265/1/60	YES	1	6.7	4.3	22.0	1.00	1.00	0.75	NB009	0.17
0.18	RTU-12	A024 - MS ATHLETIC AND A008 HS ATHLETIC S	B012	HORIZONTAL	SINGLE	350	0.3	1/10	9.2	6.7	80	67	58	90	100	0.70	11.6	8.4	70	35	47	40	0.70	6.1	3.0	22.2	35%	5.2	6.3	10	265/1/60	YES	1	6.7	4.3	22.0	1.00	1.00	0.75	NB009	0.18
0.19	INDEPENDENT	ELEVATOR MACHINE ROOM F11A	F11B	HORIZONTAL	DUAL	1050/900	0.5	1/2	27.4	21.0	80	67	58	90	100	1.49	32.5	23.3	70	91	47	40	1.45	18.3	6.0	3.7	35%	9.8	11.2	15	460/3/60	YES	1	8.9	5.7	38.0	1.00	1.00	0.75	NB038	0.19
0.20	INDEPENDENT	ELEVATOR MACHINE ROOM B203	B22	HORIZONTAL	DUAL	1050/900	0.5	1/2	27.4	21.0	80	67	58	90	100	1.49	32.5	23.3	70	91	47	40	1.45	18.3	6.0	3.7	35%	9.8	11.2	15	460/3/60	YES	1	8.9	5.7	38.0	1.00	1.00	0.75	NB038	0.20
0.21	INDEPENDENT	ELEVATOR MACHINE ROOM D101	D202	HORIZONTAL	DUAL	700/500	0.5	1/2	20.5	15.0	80	67	58	90	100	1.11	24.2	24.2	70	91	47	40	1.09	14.8	5.0	4.3	35%	7.6	8.4	15	460/3/60	YES	1	5.4	3.5	28.0	1.00	1.00	0.75	NB026	0.21
0.22	INDEPENDENT	D202 CONTROL BOOTH	D202	HORIZONTAL	DUAL	700/500	0.5	1/2	20.5	15.0	80	67	58	90	100	1.11	24.2	24.2	70	91	47	40	1.09	14.8	5.0	4.3	35%	7.6	8.4	15	460/3/60	YES	1	5.4	3.5	28.0	1.00	1.00	0.75	NB026	0.22
0.23	INDEPENDENT	A04 CORRIDOR	A04	HORIZONTAL	SINGLE	400	0.3	1/10	13.4	9.2	80	67	58	90	100	0.85	16.3	10.3	70	92	47	40	0.83	7.4	3.5	5.59	35%	5.4	6.5	10	265/1/60	YES	1	7.0	4.5	22.0	1.00	1.00	0.75	NB012	0.23
0.24	INDEPENDENT	F005 MULTIMEDIA PRODUCTION	F005A	VERTICAL	SINGLE	350	0.3	1/10	9.2	6.7	80	67	58	90	100	0.70	11.6	8.4	70	35	47	40	0.70	6.1	3.0	22.2	35%	5.2	6.3	10	265/1/60	YES	1	6.7	4.3	22.0	1.00	1.00	0.75	NB009	0.24

NOTES: 1. WATER TO AIR HEAT PUMPS SHALL HAVE INTEGRAL ELECTRIC DISCONNECT SWITCH AND PHASE LOSS PROTECTION, AURORA CONTROLLER WITH BACNET COMMUNICATION CARD, INSULATED CUPRO-NICKEL HEAT EXCHANGER, COMPRESSOR SOUND BLANKET, FILTER RACK, WITH MERV 13 FILTER, PHASE LOSS PROTECTION AND STAINLESS STEEL DRAIN PAN WITH OVERLFOW PROTECTION.
2. INDEPENDENT = PROVIDE INDEPENDENT OCC-UNOCC SCHEDULING THROUGH THE EMS.

DUCTLESS SPLIT SYSTEM SCHEDULE

UNIT SS-X	AREA SERVED	LOCATION: EVAPORATOR	LOCATION: CONDENSER	MAX CFM	REFRIGERANT TYPE	COOLING CAPACITY (BTUs)	HEATING CAPACITY (BTUs)	INDOOR CONDITIONS: EAT DB (°F)	INDOOR CONDITIONS: EAT WB (°F)	OUTDOOR: EAT DB (°F)	ELECTRICAL: V/ø/Hz	MCA	EMERGENCY POWER	INDOOR UNIT TYPE	INDOOR UNIT SIZE (H x W x D)	OUTDOOR UNIT MAX OPERATING WT (LBS)	BASED ON DAIKIN: EVAPORATOR	CONDENSER	SPLIT SYSTEM CONDENSING UNIT No.
SS-1	C005-IDF	C005	PENTHOUSE C	500	R410A	18.000	–	80	67	95	208/1/60	16.5	YES	WALL MOUNTED	11.4 x 241.4 x 9.3	172	FAQ18TAVJU	RZR18TAVJU	SSCU-1
SS-2	C105-IDF	C105	PENTHOUSE C	500	R410A	18.000	–	80	67	95	208/1/60	16.5	YES	WALL MOUNTED	11.4 x 241.4 x 9.3	172	FAQ18TAVJU	RZR18TAVJU	SSCU-2
SS-3	C205-IDF	C205	PENTHOUSE C	500	R410A	18.000	–	80	67	95	208/1/60	16.5	YES	WALL MOUNTED	11.4 x 241.4 x 9.3	172	FAQ18TAVJU	RZR18TAVJU	SSCU-3
SS-4	A019-IDF	A019	ROOF	395	R410A	18.0	–	80	67	95	208/1/60	13.4	YES	WALL MOUNTED	11-11/16 x 39-1/2 x 11-1/3	99	FTKA18AXVJU	RK18AXVJU	SSCU-4
SS-5	A174-IDF	A174	ROOF	395	R410A	18.0	–	80	67	95	208/1/60	13.4	YES	WALL MOUNTED	11-11/16 x 39-1/2 x 11-1/3	99	FTKA18AXVJU	RK18AXVJU	SSCU-5
SS-6	B018 - DRY STORAGE AREA	B018	B022	448	R410A	17.4	21.6	80	67	95	208/1/60	12.8	YES	CEILING CASSETTE	10-1/4 x 22-5/8 x 22-5/8	97	FFQ18Q2VJU	RX18RMVJU9A	SSCU-6
SS-7	G102-IDF	G102	PENTHOUSE G	635	R410A	24.000	–	80	67	95	208/1/60	16.5	YES	WALL MOUNTED	11-3/8 x 41-3/8 x 9-1/4	172	FAQ24TAVJU	RZQ24TAVJU	SSCU-7
SS-8	G200-IDF	G200	PENTHOUSE G	500	R410A	18.000	–	80	67	95	208/1/60	16.5	YES	WALL MOUNTED	11.4 x 241.4 x 9.3	172	FAQ18TAVJU	RZR18TAVJU	SSCU-8
SS-9	G300-IDF	F305	PENTHOUSE G	500	R410A	18.000	–	80	67	95	208/1/60	16.5	YES	WALL MOUNTED	11.4 x 241.4 x 9.3	172	FAQ18TAVJU	RZR18TAVJU	SSCU-9
SS-10	D114-IDF	D114	ROOF	635	R410A	24.000	–	80	67	95	208/1/60	16.5	YES	WALL MOUNTED	11-3/8 x 41-3/8 x 9-1/4	172	FAQ24TAVJU	RZQ24TAVJU	SSCU-10
SS-11	LEVEL 02 MACHINE ROOM	LEV.02-AREA D	ROOF	500	R410A	18.000	–	80	67	95	208/1/60	16.5	YES	WALL MOUNTED	11.4 x 241.4 x 9.3	172	FAQ18TAVJU	RZR18TAVJU	SSCU-
SS-12	F11A-ELEV. MACHINE ROOM	F11A	PENTHOUSE F300	500	R410A	18.000	–	80	67	95	208/1/60	16.5	YES	WALL MOUNTED	11.4 x 241.4 x 9.3	172	FAQ18TAVJU	RZR18TAVJU	SSCU-12

NOTES:
1. BASED ON DAIKIN WITH INVERTER DRIVEN COMPRESSOR R410A REFRIGERANT AND DEHUMIDIFICATION MODE. OR EQUAL OF MITSUBISHI ELECTRIC ADVANCED MICROPROCESSOR CONTROLLER 165°F REFRIGERANT LINE LENGTH. 100° LIFT.
2. FOR CONDENSING UNITS LOCATED ON ROOF. PROVIDE HAIL GUARD AND WIND BAFFLE.
3. FOR COOLING ONLY SPLIT SYSTEMS (IT ROOMS), PROVIDE LOW AMBIENT CONTROL (COOLING TO 0°F OUTDOOR AIR TEMPERATURE) AND WIND BAFFLE.
4. SPLIT SYSTEMS LOCATED IN IDF/MDF SPACES SHALL HAVE TEMPERATURE SENSOR WITH HI-TEMP ALARM FURNISHED BY THE ATC CONTRACTOR.
5. ALL CEILING CASSETTES SPLIT SYSTEMS SHALL BE PROVIDE WITH INTEGRAL CONDENSATE PUMP

ELECTRIC RADINAT CEILING PANEL SCHEDULE

ERCP-X	AREA SERVED	SIZE (L"XW')	TOTAL CAP. (WATTS)	AMPS	ELEC. CHARC. (V/ø/Hz)	EMERGENCY POWER	REMARKS (BASED ON)
ERCP-1	A010 - EVENT LAV.	24x24	310	2.6	120/1/60	YES	BERKO CP311F
ERCP-2	A011 - EVENT LAV.	24x24	310	2.6	120/1/60	YES	BERKO CP311F
ERCP-3	B201 - MENS TOILET	24x24	310	2.6	120/1/60	NO	BERKO CP311F
ERCP-4	HS GEO UMP HOUSE TOILET	24x24	310	2.6	120/1/60	NO	BERKO CP311F
ERCP-5	HS GEO UMP HOUSE TOILET	24x24	310	2.6	120/1/60	NO	BERKO CP311F
ERCP-6	H306 - CONCESSIONS	24x24	310	2.6	120/1/60	NO	BERKO CP311F
ERCP-7	H307 - CONCESSION STOR.	24x24	310	2.6	120/1/60	NO	BERKO CP311F
ERCP-8	H307 - CONCESSION STOR.	24x24	310	2.6	120/1/60	NO	BERKO CP311F
ERCP-9	H302 - WOMEN'S	24x48	500	4.2	120/1/60	NO	BERKO CP501F
ERCP-10	H302 - WOMEN'S	24x48	500	4.2	120/1/60	NO	BERKO CP501F
ERCP-11	H302 - WOMEN'S	24x48	500	4.2	120/1/60	NO	BERKO CP501F
ERCP-12	H303 - MEN'S	24x48	500	4.2	120/1/60	NO	BERKO CP501F
ERCP-13	H303 - MEN'S	24x48	500	4.2	120/1/60	NO	BERKO CP501F
ERCP-14	H304 - FAMILY RESTROOM	24x48	500	4.2	120/1/60	NO	BERKO CP501F
ERCP-15	H306 - CONCESSIONS	24x48	500	4.2	120/1/60	NO	BERKO CP501F
ERCP-16	H306 - CONCESSIONS	24x48	500	4.2	120/1/60	NO	BERKO CP501F
ERCP-17	H306 - CONCESSIONS	24x48	500	4.2	120/1/60	NO	BERKO CP501F
ERCP-18	H306 - CONCESSIONS	24x48	500	4.2	120/1/60	NO	BERKO CP501F
ERCP-19	H306 - CONCESSIONS	24x48	500	4.2	120/1/60	NO	BERKO CP501F
ERCP-20	H306 - CONCESSIONS	24x48	500	4.2	120/1/60	NO	BERKO CP501F
ERCP-21	H305 - VISITING TEAM RM	24x48	500	4.2	120/1/60	NO	BERKO CP501F
ERCP-22	H305 - VISITING TEAM RM	24x48	500	4.2	120/1/60	NO	BERKO CP501F
ERCP-23	H305 - VISITING TEAM RM	24x48	500	4.2	120/1/60	NO	BERKO CP501F
ERCP-24	H305 - VISITING TEAM RM	24x48	500	4.2	120/1/60	NO	BERKO CP501F
ERCP-25	H305A - TOILET	24x48	500	4.2	120/1/60	NO	BERKO CP501F
ERCP-26	H104 - OFFICIALS	24x48	500	4.2	120/1/60	NO	BERKO CP501F

ELECTRIC CABINET UNIT HEATER SCHEDULE

UNIT ECUH-X	AREA SERVED	THERMOSTAT CONTROL	SUPPLY FAN: CFM	SUPPLY FAN: RPM	ELEC CHAR V/ø/Hz	ELECTRIC COIL CHARACTERISTIC: TOTAL CAP. (MBH)	TOTAL CAP. (KW)	AMPS	EMERGENCY POWER	TYPE	BASED ON (MARKEL)
1	B022 GROUND EQUPMEN STORAGE	WALL MTD	500	1590	480/3/60	40.0	12	16.0	YES	HORIZONTAL EXPOSED	CUH 945
2	B021 RECIEVING ROOM	WALL MTD	500	1590	480/3/60	40.0	12	16.0	YES	HORIZONTAL EXPOSED	CUH 945
3	STAIR 1-ST01 - AREA C	BUILT-IN	500	1590	480/3/60	34.0	10	13.0	NO	RECESSED MTD WALL	CUH 945
4	STAIR 2-ST02 - AREA C	BUILT-IN	500	1590	480/3/60	34.0	10	13.0	NO	RECESSED MTD WALL	CUH 945
5	STAIR 3-ST03 - AREA C	BUILT-IN	500	1590	480/3/60	34.0	10	13.0	NO	RECESSED MTD WALL	CUH 945
6	VESTIBULE A11	BUILT-IN	500	1590	480/3/60	34.0	10	13.0	NO	RECESSED MTD WALL	CUH 945
7	STAIR ST 10 AREA F	BUILT-IN	500	1590	480/3/60	34.0	10	13.0	NO	RECESSED MTD WALL	CUH 945
8	STAIR 11-ST11 - AREA G	BUILT-IN	500	1590	480/3/60	34.0	10	13.0	NO	RECESSED MTD WALL	CUH 945
9	STAIR ST 12 AREA G	BUILT-IN	500	1590	480/3/60	34.0	10	13.0	NO	RECESSED MTD WALL	CUH 945
10	STAIR 1-ST01 - AREA C	BUILT-IN	250	1590	480/3/60	10.0	3	4	NO	SURFACE MTD WALL	CUH 935
11	STAIR 2-ST02	BUILT-IN	250	1590	480/3/60	10.0	3	4	NO	CEILING MTD	CUH 935
12	STAIR 3-ST03	BUILT-IN	250	1590	480/3/60	10.0	3	4	NO	CEILING MTD	CUH 935
13	STAIR 10-ST10C	BUILT-IN	250	1590	480/3/60	10.0	3	4	NO	CEILING MTD	CUH 935
14	STAIR 12-ST12C	BUILT-IN	250	1590	480/3/60	10.0	3	4	NO	CEILING MTD	CUH 935
15	A005 CHEER MAT STORAGE	WALL MTD	250	1590	480/3/60	10.0	3	4	YES	RECESSED MTD WALL	CUH 935
16	A04 CORRIDOR	WALL MTD	250	1590	480/3/60	10.0	3	4	YES	CEILING MTD	CUH 935

NOTES:
1. PROVIDE CUSTOM COLOR AS SELECTED BY ARCHITECT
2. ALL UNITS SHALL BE PROVIDED WITH A DPST DISCONNECT SWITCH
3. ALL UNITS SHALL BE PROVIDED WITH PERMANENT, REUSABLE WASHABLE FILTER.
4. ALL UNITS SHALL BE PROVIDED WITH BUILT IN THERMOSTAT.
5. PROVIDE FRONT INLET/OUTLET GRILLES UNLESS INDICATED OTHERWISE.
6. PROVIDE TRIM KITS FOR RECESSED CEILING/WALL UNITS.

ELECTRIC UNIT HEATER SCHEDULE

UNIT EUH-X	AREA SERVED	SUPPLY FAN: CFM	SUPPLY FAN: RPM	ELECTRIC COIL CHARACTERISTICS: V/ø/Hz	TOTAL CAP. (MBH)	TOTAL CAP. (KW)	AMPS	EMERGENCY POWER	TYPE	BASED ON MODEL (BERKO)
1	MIDDLE SCHOOL PENTHOUSE	650	1600	460/3/60	34.1	10	12	NO	HORIZONTAL	HUHAA 1048
2	MIDDLE SCHOOL PENTHOUSE	650	1600	460/3/60	34.1	10	12	NO	HORIZONTAL	HUHAA 1048
3	HS PEPNTHOUSE	650	1600	460/3/60	34.1	10	12	NO	HORIZONTAL	HUHAA 1048
4	HS PEPNTHOUSE	650	1600	460/3/60	34.1	10	12	NO	HORIZONTAL	HUHAA 1048
5	HS PEPNTHOUSE	650	1600	460/3/60	34.1	10	12	NO	HORIZONTAL	HUHAA 1048
6	HS PEPNTHOUSE	650	1600	460/3/60	34.1	10	12	NO	HORIZONTAL	HUHAA 1048
7	HS PEPNTHOUSE	650	1600	460/3/60	34.1	10	12	NO	HORIZONTAL	HUHAA 1048
8	HS PEPNTHOUSE	650	1600	460/3/60	34.1	10	12	NO	HORIZONTAL	HUHAA 1048
9	MS PUMP HOUSE	650	1600	460/3/60	34.1	10	12	NO	HORIZONTAL	HUHAA 1048
10	HS PUMP HOUSE	650	1600	460/3/60	34.1	10	12	NO	HORIZONTAL	HUHAA 1048
11	MECHANICAL PENTHOUSE F300	350	1600	460/3/60	10.2	3	3.6	NO	HORIZONTAL	HUHAA 348
12	GREENHOUSE H601	650	1600	460/3/60	34.1	10	12	NO	HORIZONTAL	HUHAA 1048
13	GREENHOUSE H601	650	1600	460/3/60	34.1	10	12	NO	HORIZONTAL	HUHAA 1048
14	GREENHOUSE STORAGE H602	350	1600	460/3/60	10.2	3	3.6	NO	HORIZONTAL	HUHAA 348
15	GREENHOUSE MECH H603	350	1600	460/3/60	17.0	5	6	NO	VERTICAL	HUHAA 548
16	EXTERIOR STORAGE H300	350	1600	460/3/60	17.0	5	6	NO	VERTICAL	HUHAA 548
17	STORAGE H101	650	1600	460/3/60	34.1	10	12	NO	VERTICAL	HUHAA 1048
18	STORAGE H103	350	1600	460/3/60	17.0	5	6	NO	VERTICAL	HUHAA 548
19	STORAGE H105	350	1600	460/3/60	10.2	3	3.6	NO	VERTICAL	HUHAA 348
20	MECHANICAL H108	350	1600	460/3/60	10.2	3	3.6	NO	HORIZONTAL	HUHAA 348
21	STORAGE H107	350	1600	460/3/60	17.0	5	6	NO	VERTICAL	HUHAA 548
22	SERVICE STORAGE H301	350	1600	460/3/60	10.2	3	3.6	NO	HORIZONTAL	HUHAA 348
23	CAN WASH B030	350	1600	460/3/60	10.2	3	3.6	YES	HORIZONTAL	HUHAA 348
24	CTE SPEC. STORAGE G120	650	1600	460/3/60	34.1	10	12	NO	HORIZONTAL	HUHAA 1048

1 ADD

NOTES:
1. PROVIDE CUSTOM COLOR AS SELECTED BY ARCHITECT
2. ALL UNITS SHALL BE PROVIDED WITH A DPST DISCONNECT SWITCH
3. ALL UNITS SHALL BE PROVIDED WITH WALL/CEILING BRACKET
4. ALL UNITS SHALL BE PROVIDED WITH FAN GUARD AND SUMMER FAN SWITCH

ELECTRIC WALL HEATER SCHEDULE

UNIT WH-X	AREA SERVED	SUPPLY FAN: CFM	SUPPLY FAN: RPM	ELECTRIC COIL CHARACTERISTICS: V/ø/Hz	TOTAL CAP. (MBH)	TOTAL CAP. (KW)	AMPS	EMERGENCY POWER	TYPE	BASED ON MODEL (BERKO)
1	TICKET BOOTH	100	1050	208/3/60	13.6	4.0	11.1	NO	FULLY RECESSED WALL	FRC40203F

NOTES:
1. PROVIDE CUSTOM COLOR AS SELECTED BY ARCHITECT
2. ALL UNITS SHALL BE PROVIDED WITH A DPST DISCONNECT SWITCH
3. PROVIDE TEMPERATURE CONTROL VIA REMOTE TEMPERATURE SENSOR AND EMS INTERLOCK.

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GRIMM + PARKER ARCHITECTS

GP #22105

WATER TO AIR HEAT PUMP & MECH. SCHEDULE

NORTH EAST MIDDLE/HIGH SCHOOL
300 IRISHTOWN ROAD, NORTH EAST, MD

DATE	DESCRIPTION
3/13/2024	ADDENDUM #1

M903

12/22/2023
BID SET

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FAN SCHEDULE

UNIT F-X	AREA SERVED	INTERLOCK	LOCATION	CFM	ESP (IN H_2O)	FRPM	DRIVE TYPE	MOTOR HP	MOTOR TYPE	ELECTRICAL V/ø/Hz	ELECTRICAL EMERGENCY POWER	TYPE	BASED ON (GREENHECK)
1	KITCHEN HOOD	SWITCH/MUA-1	ROOF	4400	2.0	1541	DIRECT	3	VSD	460/3/60	YES	UPBLAST CENTRIFUGAL	CUE-200HP-VG
2	B017 DISHWASHER	SWITCH	ROOF	1500	1.0	1352	DIRECT	3/4	ECM	115/1/60	YES	UPBLAST CENTRIFUGAL	CUE-140-VG
3	B025 ELECTRICAL EQUIPMENT AREA	T-STAT	B025	10000	.40	777	BELT	1 1/2	ODP	460/3/60	YES	SIDEWALL PROPELLER	SBE-3H36-15
4	B028 FIRE PUMP & B029 WATER ROOM	F-3/MOD	B025	1000	.80	1450	DIRECT	644 WATTS	ECM	115/1/60	YES	INLINE CABINET	CSP-A1410
5	B008, B009 GENDER TOILET, B010 MS AUX. STORAGE	RTU-1	ROOF	450	.50	1503	DIRECT	1/10	ECM	115/1/60	YES	UPBLAST CENTRIFUGAL	CUE-090-VG
6	B013A STAFF TOILET, B014 UTILITY AREA	HP. 2.09	ROOF	300	.50	1665	DIRECT	1/10	ECM	115/1/60	YES	UPBLAST CENTRIFUGAL	CUE-080-VG
7	B030 – CAN WASH	LGT/SWITCH	B030	150	.32	1400	DIRECT	48 WATTS	ECM	115/1/60	YES	CEILING EXHAUST	SP-A190
8	B026A STAFF LAVATORY/SHOWER	HP. 2.11	ROOF	200	.25	1155	DIRECT	1/10	ECM	115/1/60	YES	UPBLAST CENTRIFUGAL	CUE-080-VG
9	B004A GEND. TOILET AND B004, B005 WOMEN & MEN TOILET	RTU-2	ROOF	1550	1.5	1595	DIRECT	1	ECM	115/1/60	YES	UPBLAST CENTRIFUGAL	CUE-140-VG
10	B107 – MS INTRO TO TECHNOLOGY	SWITCH	B107	200	.25	1205	DIRECT	1/10	ECM	115/1/60	NO	INLINE FAN	SQ-80-VG
11	GEM.TOL. C008A, W.TOIL C008, M.TOIL C010, SER.CLO. C026, T.TOIL. C025	DOAS-2	MS PENTHOUSE	1150	1.0	1576	BELT	1/3	ODP	460/3/60	NO	MIXED FLOW – INLINE	QEI-12
12	F212 SERVICE CLOSETS/EQUIPMENT	DOAS-7	ROOF	225	.50	1539	DIRECT	1/10	ECM	115/1/60	NO	UPBLAST CENTRIFUGAL	CUE-080-VG
13	F208 TEACH. TOILET. F206 HS. SOCIAL STUDYIES STORAGE	DOAS-7	F300	425	.50	1077	BELT	1/3	ODP	460/3/60	NO	MIXED FLOW – INLINE	QEI-9
14	F300 MECHANICAL PENTHOUSE	T-STAT	F300	2500	.25	813	BELT	3/4	ODP	460/3/60	NO	SIDEWALL PROPELLER	SBE-3H24-7
15	F308 TOILET. F301 SERV.STOR. F302 HS MATH STORAGE	DOAS-8	F300	700	1.0	1590	BELT	1/3	ODP	460/3/60	NO	MIXED FLOW – INLINE	QEI-9
16	G308A GEN.TOILET, G308 W.TOILET, G307 M.TOILET	DOAS-8	HS PENTHOUSE	950	.50	1135	BELT	1/3	ODP	460/3/60	NO	MIXED FLOW – INLINE	QEI-12
17	G115A GEN.TOILET, G115 W.TOILET, G116 M.TOILET	DOAS-6	HS PENTHOUSE	950	.75	1345	BELT	1/3	ODP	460/3/60	NO	MIXED FLOW – INLINE	QEI-12
18	G208A GEN.TOILET, G208 W.TOILET, G209 M.TOILET	DOAS-7	HS PENTHOUSE	950	.75	1345	BELT	1/3	ODP	460/3/60	NO	MIXED FLOW – INLINE	QEI-12
19	GEM.TOL. C108A, W.TOIL C108, M.TOIL C110, SER.CLO. C126, T.TOIL. C125	DOAS-3	MS PENTHOUSE	1150	1.0	1576	BELT	1/3	ODP	460/3/60	NO	MIXED FLOW – INLINE	QEI-12
20	GEM.TOL. C208A, W.TOIL C208, M.TOIL C210, SER.CLO. C226, T.TOIL. C225	DOAS-4	MS PENTHOUSE	1150	1.0	1576	BELT	1/3	ODP	460/3/60	NO	MIXED FLOW – INLINE	QEI-12
21	B028 PUMP ROOM	T-STAT	B028	3000	.125	452	BELT	1/3	ODP	115/1/60	YES	SIDEWALL PROPELLER	SBE-3H30-3
22	B029 WATER ROOM	T-STAT	B028	3000	.125	452	BELT	1/3	ODP	115/1/60	YES	SIDEWALL PROPELLER	SBE-3H30-3
23	A002 COMMUNITY USE/STORAGE, A003 COMMUNITY SUPPORT	RTU-10	ROOF	450	.25	1206	DIRECT	1/10	ECM	115/1/60	YES	UPBLAST CENTRIFUGAL	CUE-090-VG
24	A005 CHEER MAT STORAGE	RTU-12	ROOF	150	.25	1674	DIRECT	1/15	ECM	115/1/60	YES	UPBLAST CENTRIFUGAL	CUE-060-VG
25	F004A – TOILET	AHU-1	ROOF	400	.50	1460	DIRECT	1/10	ECM	115/1/60	NO	UPBLAST CENTRIFUGAL	CUE-090-VG
26	F10-LOCKER, F106SERVIS EQUIP. F108-TEAC.TOILET, G109 HS LAV.	DOAS-6	ROOF	600	1.0	1810	DIRECT	1/2	ECM	115/1/60	NO	UPBLAST CENTRIFUGAL	CUE-100HP-VG
27	F11B – DRAMA STORAGE	LTG/SWITCH	F11B	150	.32	1400	DIRECT	48 WATTS	ECM	115/1/60	NO	CEILING FAN	SP-A190
28	E108A TEACHER TOILET, E115 DRESSING ROOM	DOAS-9	ROOF	300	.50	1665	DIRECT	1/10	ECM	115/1/60	NO	UPBLAST CENTRIFUGAL	CUE-080-VG
29	E103 STORAGE, E106 STORAGE	DOAS-9	ROOF	300	.50	1665	DIRECT	1/10	ECM	115/1/60	NO	UPBLAST CENTRIFUGAL	CUE-080-VG
30	D105 AND D106 EVENT LAVATORIES (PHASE 1)	DOAS-1	ROOF	990	.50	1471	DIRECT	1/4	ECM	115/1/60	YES	UPBLAST CENTRIFUGAL	CUE-100-VG
31	B110 MS LAVATORY	LTG/SWITCH	ROOF	150	.25	1674	DIRECT	1/15	ECM	115/1/60	NO	UPBLAST CENTRIFUGAL	CUE-060-VG
32	C214 SICENCE PREP ROOM	HOOD	ROOF	500	1.50	2744	BELT	3/4	TEFC	460/3/60	NO	HIGH PLUME BACKWARD INCLINE	VEKTOR-H-10-5
33	C014 SICENCE PREP ROOM	HOOD	ROOF	500	1.50	2744	BELT	3/4	TEFC	460/3/60	NO	HIGH PLUME BACKWARD INCLINE	VEKTOR-H-10-5
34	C114 SICENCE PREP ROOM	HOOD	ROOF	500	1.50	2744	BELT	3/4	TEFC	460/3/60	NO	HIGH PLUME BACKWARD INCLINE	VEKTOR-H-10-5
35	B209 SICENCE PREP ROOM	HOOD	ROOF	500	1.50	2744	BELT	3/4	TEFC	460/3/60	NO	HIGH PLUME BACKWARD INCLINE	VEKTOR-H-10-5
36	G304 SICENCE PREP ROOM	HOOD	ROOF	500	1.50	2744	BELT	3/4	TEFC	460/3/60	NO	HIGH PLUME BACKWARD INCLINE	VEKTOR-H-10-5
37	G311 SICENCE PREP ROOM	HOOD	ROOF	500	1.50	2744	BELT	3/4	TEFC	460/3/60	NO	HIGH PLUME BACKWARD INCLINE	VEKTOR-H-10-5
38	G312 SICENCE PREP ROOM	HOOD	ROOF	500	1.50	2744	BELT	3/4	TEFC	460/3/60	NO	HIGH PLUME BACKWARD INCLINE	VEKTOR-H-10-5
39	G316 SICENCE PREP ROOM	HOOD	ROOF	500	1.50	2744	BELT	3/4	TEFC	460/3/60	NO	HIGH PLUME BACKWARD INCLINE	VEKTOR-H-10-5
40	G319 CHEMICAL STORAGE	HOOD	ROOF	500	1.50	2744	BELT	3/4	TEFC	460/3/60	NO	HIGH PLUME BACKWARD INCLINE	VEKTOR-H-10-5
41	G321 PHYSICS PREP ROOM	HOOD	ROOF	500	1.50	2744	BELT	3/4	TEFC	460/3/60	NO	HIGH PLUME BACKWARD INCLINE	VEKTOR-H-10-5
42	G315 SICENCE PREP ROOM	HOOD	ROOF	500	1.50	2744	BELT	3/4	TEFC	460/3/60	NO	HIGH PLUME BACKWARD INCLINE	VEKTOR-H-10-5
43	B203 TECH. TOILET	DOAS-5	ROOF	315	.75	1491	DIRECT	1/4	ECM	115/1/60	NO	UPBLAST CENTRIFUGAL	CUE-100HP-VG
44	B202 W. TOIL. B201A GEN.TOIL. B201 MEN'S TOIL.	DOAS-5	ROOF	450	.75	1725	DIRECT	1/10	ECM	115/1/60	NO	UPBLAST CENTRIFUGAL	CUE-090-VG
45	D113 KILN	SWITCH	D113	700	.35	1011	DIRECT	111 WATTS	ECM	115/1/60	NO	INLINE CABINET FAN	CSP-A1050-VG
46	D113 KILN	SWITCH	D113	700	.35	1011	DIRECT	111 WATTS	ECM	115/1/60	NO	INLINE CABINET FAN	CSP-A1050-VG
47	D103 MS PBIS STORAGE	DOAS-9	ROOF	150	.25	1674	DIRECT	1/15	ECM	115/1/60	NO	UPBLAST CENTRIFUGAL	CUE-060-VG
48	D102 SERVICE CLOSET, D102 GEND. TOILET	DOAS-9	ROOF	300	.25	1366	DIRECT	1/10	ECM	115/1/60	NO	UPBLAST CENTRIFUGAL	CUE-080-VG
49	A111 MS TOILET, A109 MS TOILET	DOAS-1	ROOF	300	.25	1366	DIRECT	1/10	ECM	115/1/60	YES	UPBLAST CENTRIFUGAL	CUE-080-VG
50	A131 HS TOILET, A129 HS TOILET	DOAS-1	ROOF	300	.25	1366	DIRECT	1/10	ECM	115/1/60	YES	UPBLAST CENTRIFUGAL	CUE-080-VG
51	A176 MS GUIDANCE TOILET, A123 HS GUIDANCE TOILET	DOAS-1	ROOF	300	.25	1366	DIRECT	1/10	ECM	115/1/60	YES	UPBLAST CENTRIFUGAL	CUE-080-VG
52	A153 HS TOILET, A152 HS TOILET	DOAS-1	ROOF	300	.25	1366	DIRECT	1/10	ECM	115/1/60	YES	UPBLAST CENTRIFUGAL	CUE-080-VG
53	A159 MS TOILET	DOAS-1	ROOF	150	.25	1674	DIRECT	1/15	ECM	115/1/60	YES	UPBLAST CENTRIFUGAL	CUE-060-VG
54	A164 HS MIP LAVATORY	DOAS-1	ROOF	150	.25	1674	DIRECT	1/15	ECM	115/1/60	YES	UPBLAST CENTRIFUGAL	CUE-060-VG
55	H301 – SERVICE STORAGE	ERV-1	H301	150	.32	1400	DIRECT	48 WATTS	ECM	115/1/60	NO	CEILING GAN	SP-A190
56	H304 – FAMILY RESTROOM	LTG/SWITCH	H304	150	.32	1400	DIRECT	48 WATTS	ECM	115/1/60	NO	CEILING FAN	SP-A190
57	H104 – OFFICIALS	LTG/SWITCH	H104	150	.32	1400	DIRECT	48 WATTS	ECM	115/1/60	NO	CEILING FAN	SP-A190
58	C021B PRE-K TOILET (ADD-ALTERNATE)	LTG/SWITCH	C021B	150	.40	900	DIRECT	52 WATTS	ODP	115/1/60	NO	CEILING FAN	SP-A200
59	HIGH SCHOOL PENTHOUSE	TSTAT	G400	5000	.25	679	BELT	1/2	ODP	115/1/60	NO	SIDEWALL PROPELLER	SBE-3H30-5
60	MIDDLE SCHOOL PENTHOUSE	TSTAT	C300	3500	.25	617	BELT	1/3	ODP	115/1/60	NO	SIDEWALL PROPELLER	SBE-3H30-3
61	H501 GEOTHERMAL PUMP HOUSE	T-STAT	H501	3000	.25	858	BELT	3/4	ODP	460/3/60	NO	SIDEWALL PROPELLER	SBE-3H24-7
62	H501 TOILET	LTG/SWITCH	H501	150	.47	150	DIRECT	83 WATTS	ODP	115/1/60	NO	CEILING FAN	SP-A250
63	H502 TOILET	LTG/SWITCH	H502	150	.47	150	DIRECT	83 WATTS	ODP	115/1/60	NO	CEILING FAN	SP-A250
64	H503 GEOTHERMAL PUMP HOUSE	T-STAT	H503	3000	.25	858	BELT	3/4	ODP	460/3/60	NO	SIDEWALL PROPELLER	SBE-3H24-7
65	H308 MECH	T-STAT	ROOF	1000	.25	992	DIRECT	1/4	ECM	115/1/60	NO	POWER ROOF VENTILATOR	G-120-VG
66	H300 EXTERIOR STORAGE	SWITCH	ROOF	1000	.25	1006	DIRECT	1/4	ECM	115/1/60	NO	UPBLAST CENTRIFUGAL	CUE-120-VG
67	H603 GREENHOUSE MECH	T-STAT	H603	500	.25	928	BELT	1/3	ODP	460/3/60	NO	MIXED FLOW – INLINE	QEI-9
68	H108 MECHANICAL	T-STAT	ROOF	1000	.25	1589	DIRECT	1/4	ECM	115/1/60	NO	SIDEWALL PROPELLER	SE1-12-436-VG
69	H101 EXTERIOR STORAGE	SWITCH	ROOF	1000	.25	1006	DIRECT	1/4	ECM	115/1/60	NO	UPBLAST CENTRIFUGAL	CUE-120-VG
70	G122 TECHNOLOGY LAB	SWITCH	G122	400	.35	1443	DIRECT	1/10	ECM	115/1/60	NO	INLINE FAN	SQ-90-VG
71	G119 PLTW PRE-ENGINEERING	SWITCH	G119	800	.50	1349	DIRECT	1/4	ECM	115/1/60	NO	INLINE FAN	SQ-100-VG
72	G126 TECHNOLOGY LAB	SWITCH	G126	400	.25	1305	DIRECT	1/10	ECM	115/1/60	NO	INLINE FAN	SQ-90-VG
73	G128 – TECHNOLOGY CLASSROOM	SWITCH	G128	800	.50	1349	DIRECT	1/4	ECM	115/1/60	NO	INLINE FAN	SQ-100-VG
74	E111 STAGE CONSTRUCTION	DOAS-9	F300	500	.35	1010	BELT	1/3	ODP	460/3/60	NO	MIXED FLOW – INLINE	QEI-9
75	G127 PLTW COMPUTER SCIENCE	SWITCH	G127	800	.50	1349	DIRECT	1/4	ECM	115/1/60	NO	INLINE FAN	SQ-100-VG

1 ADD

NOTES:
1. TSTAT=THERMOSTAT; SW=SWITCH; SP=STATIC PRESSURE, TD=WITH 15 MINUTE TIME DELAY ZONE=ZONE OCC/UNOCC MODE
2. PROVIDE FACTORY MOUNTED DISCONNECT SWITCH FOR ALL EXHAUST FANS, COORDINATING REQUIREMENTS AND INTERLOCKS WITH ELECTRICAL
3. REFER TO CONTROL DIAGRAMS FOR SPECIFIC SEQUENCES OF OPERATION AND INTERLOCK ARRANGEMENTS
4. KITCHEN HOOD EXHAUST FANS SHALL COMPLY WITH NFPA 96 REQUIREMENTS
5. PROVIDE SPEED CONTROLLER FOR ALL DIRECT DRIVE FANS
6. PROVIDE VARIABLE SPEED DRIVES FOR KITCHEN HOOD EXHAUST FANS

ARCHITECTURAL DIFFUSER SCHEDULE

No. (Sx)	DUTY	MIN CFM	MAX CFM	NECK SIZE	No. OF SLOTS	SLOT WIDTH (IN.)	MAX NC	REMARKS
S45	SUPPLY	0	150	8"ø	2	3/4"	18	TITUS MODU-BLOC-MBI-30
S46	SUPPLY	0	200	12"ø	3	3/4"	18	TITUS MODU-BLOC-MBI-30
S47	SUPPLY	0	250	14"ø	4	3/4"	18	TITUS MODU-BLOC-MBI-30
S48	SUPPLY	0	200	8"ø	4	1"	18	TITUS MODU-BLOC-MBI-30
S49	SUPPLY	0	250	10"ø	4	1"	18	TITUS MODU-BLOC-MBI-30
S50	SUPPLY	0	275	12"ø	4	1"	18	TITUS MODU-BLOC-MBI-30
S51	SUPPLY	0	300	14"ø	4	1"	18	TITUS MODU-BLOC-MBI-30

NOTES: ALL DIFFUSERS SHALL BE 24x24 MODULE, WITH CEILING TILE FACE, 4-WAY BLOW WITH INSULATED PLENUM. DIFFUSERS SHALL BE TITUS MODU-BLOC MBI-30.

LINEAR SLOT DIFFUSER SCHEDULE

No. (Lx)	DUTY	CFM PER L.F.	CFM TOTAL	No. OF SLOTS	SLOT WIDTH (IN.)	TOTAL LENGTH (FT)	COLAR OR INLET SIZE	MAX N.C.	PLENUM SIZE (SOUND LINED)	BASED ON (TITUS)
L1	SUPPLY	55.0	0-220	3	3/4	4	6"	18	31"H x 6"W	ML-38
L2	SUPPLY	55.0	0-220	3	3/4	4	6"	18	14"H x 6"W	ML-38
L3	SUPPLY	50.0	0-200	3	3/4	6	14"x4"	18	12"H x 6"W	ML-38
L4	SUPPLY	55.0	0-220	3	3/4	4	14"x6"	18	14"H x 6"W	ML-38
L5	SUPPLY	44.0	0-220	3	3/4	5	14"x4"/14"x6"	18	12"H x 6"W	ML-38
L6	SUPPLY	41.6	0-250	3	3/4	6	14"x6"	18	14"H x 6"W	ML-38
L7	SUPPLY	75.0	0-300	5	3/4	4	12"x8"	18	12"H x 6"W	ML-38
L8	RETURN	75.0	0-300	5	3/4	4	12"x8"	18	18"H x 6"W	MLR-38
L9	RETURN	75.0	0-300	5	3/4	4	12"x8"	18	30"H x 6"W	MLR-38
L10	SUPPLY	60.0	0-360	5	3/4	6	10"	18	24"H x 6"W	ML-38
L11	SUPPLY	75.0	0-300	5	3/4	4	10"	18	12"H x 6"W	ML-38
L12	SUPPLY	40.0	0-200	2	3/4	5	10"	18	14"H x 6"W	ML-38
L13	SUPPLY	38.0	0-230	2	3/4	6	10"	18	14"H x 6"W	ML-38
L14	SUPPLY	58.3	0-350	5	3/4	6	12"x8"	18	20"H x 6"W	ML-38
L15	RETURN	58.3	0-350	5	3/4	6	12"x8"	18	20"H x 6"W	MLR-38
L16	SUPPLY	41.6	0-250	3	3/4	6	10"/14"x6"	18	16"H x 6"W	ML-38

NOTES:
1. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATION.
2. SOUNDLINED PLENUM

MECHANICAL EQUIPMENT NOTES

1. KITCHEN MAKEUP AIR UNIT NO. 1

SERVES MAIN KITCHEN HOOD NO.1
100% OUTSIDE AIR
OUTDOOR UNIT
2" MERV 8 THROWAWAY FILTERS
MOTORIZED INTAKE DAMPER
ELECTRICAL CONTROL CENTER
SPACE TEMPERATURE CONTROL
MAX WEIGHT: 1600 LBS.

SUPPLY AIR FAN:
BOTTOM DISCHARGE
3520 CFM @ 1.5" ESP, 1096 RPM
2 HP MOTOR
PREMIUM EFFICIENCY MOTOR
VARIABLE SPEED DRIVE

ELECTRIC HEATER:
3520 CFM
10°F EAT, 70°F LAT
70 KW
ELECTRONIC MODULATING CONTROL (SCR)

ELECTRICAL CHARACTERISTICS
VOLTAGE: 460/3ø/60 HZ
MCA: 92.3
MOP: 100A
EMERGENCY POWER

ARRANGEMENT
GREENHECK MODEL MSX-P122-H22-D1
OR AS APPROVED EQUAL

2. GLYCOL FEEDWATER UNIT

10 GPM @ 30PSI
1/2 MOTOR @ 115V/1ø/60HZ
55 GALLON CAPACITY
30" ø X 58" HIGH
LOW WATER CUT OFF,
ALARM CONTACT, Y STRAINER, ISOLATION VALVES, CHECK VALVE, PRESSURE CONTROLS AND EXPANSION TANK
EMERGENCY POWER
BELL AND GOSSETT MODEL GMU – 30

3. DUST COLLECTOR

7200 CFM @ 9.2" SP
WITH SOUND ATTENUATOR, SPARK DETECTOR, SPRAY NOZZLE AND CONTROLLER
ABORT GATE & 55 GALLON DRUMS
20 HP @ 3450 RPM
460V/3ø/60HZ
STERNVENT VIBRACLEAN
MODEL DKPD 72020-2

DUCT MOUNTED ELECTRIC HEATING COIL SCHEDULE

No. EHC-x	INTERLOCK	CFM	EAT DB (°F)	LAT DB (°F)	KW	MBH	ELECT. CHAR.	CONTROL TYPE	REMARKS (BASED ON)
1	ERV-1	800	55	85	7.5	25.6	460/3/60	MODULATING	BERKO FT SERIES
2	ERV-1	500	55	85	5.0	17.0	460/3/60	MODULATING	BERKO FT SERIES
3	ERV-1	200	55	85	3.0	10.2	460/3/60	MODULATING	BERKO FT SERIES
4	ERV-2	900	55	85	10.0	34.1	460/3/60	MODULATING	BERKO FT SERIES
5	ERV-2	250	55	85	3.0	10.2	460/3/60	MODULATING	BERKO FT SERIES
6	ERV-2	600	55	85	7.5	25.6	460/3/60	MODULATING	BERKO FT SERIES
7	THERMOSTAT	600	55	85	10.0	34.1	460/3/60	MODULATING	BERKO FT SERIES

(CFM, EAT DB, LAT DB, KW, MBH and ELECT. CHAR. are grouped under REHEAT COIL CHARACTERISTICS.)

NOTES:
1. PROVIDE AND INTERLOCK SPACE TEMPERATURE SENSOR TO THE ELECTRIC HEAT COIL AND BUILDING ENERGY MANAGEMENT SYSTEM.
2. PROVIDE INSULATED CONTROL CABINET TO PREVENT CONDENSATION.
3. PROVIDE SINGLE POINT POWER CONNECTION WITH DISCONNECT, TIME DELAY RELAY, FUSES, AND UL SAFETY PROTECTION (PRIMARY & SECONDARY THERMAL CUTOUT).
4. PROVIDE FINNED TUBULAR ELEMENTS WITH SCR CONTROL.
5. PROVIDE AIR FLOW SAIL SWITCH.

AIR DEVICE SCHEDULE

No. (Sx)	CFM MAX	NECK SIZE	COLLAR ø SIZE	MAX NC	TYPE (SEE SPEC.)
SUPPLY AIR DEVICE					
S1	125	6x6	6"ø	18	TITUS TDC
S2	230	9x9	8"ø	18	TITUS TDC
S3	400	12x12	10"ø	18	TITUS TDC
S4	600	15x15	12"ø	18	TITUS TDC
S5	800	18x18	14"ø	18	TITUS TDC
S6	1000	21x21	16"ø	18	TITUS TDC
S7	125	6x6	–	18	TITUS TDC
S8	230	9x9	–	18	TITUS TDC
S9	400	12x12	–	18	TITUS TDC
S10	600	15x15	–	18	TITUS TDC
S11	800	18x18	–	18	TITUS TDC
S12	1000	21x21	–	18	TITUS TDC
S13	200	12x12/8"ø	–	18	TITUS TDC
S14	50	12x12/6"ø	–	18	TITUS TDC
S15	270	12x12/10"ø	–	18	TITUS TDC
S16	390	12"ø	–	18	TITUS XC-310
S17	550	14"ø	–	19	TITUS XC-310
S18	700	16"ø	–	19	TITUS XC-310
S19	1100	20"ø	–	21	TITUS XC-310
S20	1570	24"ø	–	22	TITUS XC-310
S21	2500	30"ø	–	23	TITUS XC-310
S22	150	8x6	–	18	TITUS 300RS
S23	200	12x6	–	18	TITUS 300RS
S24	315	18x6	–	18	TITUS 300RS
S25	350	12x10	–	18	TITUS 300RS
S26	450	24x6	–	18	TITUS 300RS
S27	550	18x10	–	18	TITUS 300RS
S28	650	18x12	–	18	TITUS 300RS
S29	725	24x10	–	18	TITUS 300RS
S30	850	24x12	–	18	TITUS 300RS
S31	950	24x14	–	18	TITUS 300RS
S32	950	36x10	–	18	TITUS 300RS
S33	1100	36x12	–	18	TITUS 300RS
S34	1300	42x12	–	18	TITUS 300RS
S35	1700	36x18	–	18	TITUS 300RS
S36	2000	42x18	–	18	TITUS 300RS
S37	100	10x4	–	18	TITUS S300FS
S38	200	12x6	–	18	TITUS S300FS
S39	325	24x4	–	18	TITUS S300FS
S40	450	18x8	–	18	TITUS S300FS
S41	675	18x12	–	18	TITUS S300FS
S42	850	24x12	–	18	TITUS S300FS
S43	675	36x6	–	18	TITUS S300FS
S44	1000	36x12	–	18	TITUS S300FS
RETURN AIR DEVICE					
R1	100	6x6	–	18	TITUS 350RL
R2	300	10x10	–	18	TITUS 350RL
R3	450	12x12	–	18	TITUS 350RL
R4	800	16x16	–	18	TITUS 350RL
R5	1000	18x18	–	18	TITUS 350RL
R6	1300	20x20	–	18	TITUS 350RL
R7	1700	22x22	–	18	TITUS 350RL
R8	3300	46x22	–	18	TITUS 350RL
R9	650	18x12	–	18	TITUS 350RL
R10	1000	36x10	–	18	TITUS 350RL
R11	1250	36x12	–	18	TITUS 350RL
R12	1100	24x14	–	18	TITUS 350RLF
R13	100	6x6	–	18	TITUS 350RLF
R14	300	10x10	–	18	TITUS 350RLF
R15	450	12x12	–	18	TITUS 350RLF
R16	800	16x16	–	18	TITUS 350RLF
R17	1000	18x18	–	18	TITUS 350RLF
R18	1300	20x20	–	18	TITUS 350RLF
R19	1700	22x22	–	18	TITUS 350RLF
R20	3300	46x22	–	18	TITUS 350RLF
R21	900	22x10	–	18	TITUS 50F
R22	1900	22x22	–	18	TITUS 50F
R23	4000	46x22	–	18	TITUS 50F
R24	1600	20x20	–	18	TITUS 50FF
R25	3400	42x20	–	18	TITUS 50FF
R26	700	24x12	–	18	TITUS 33RS
R27	1200	24x24	–	18	TITUS 33RS
R28	1700	36x24	–	18	TITUS 33RS
R29	2600	36x36	–	18	TITUS 33RS
R30	3100	42x36	–	18	TITUS 33RS
R31	3500	48x36	–	18	TITUS 33RS
R32	3600	42x42	–	18	TITUS 33RS
R33	4650	48x48		18	TITUS 33RS
R34	3800	48x48	–	18	TITUS 33RS
R35	690	22x10	–	18	TITUS 33RL
R36	910	24x12	–	18	TITUS 33RL
R37	1550	30x16	–	18	TITUS 33RL
R38	4000	48x30	–	18	TITUS 33RL
R39	690	22x10	–	18	TITUS 350RL
R40	2750	32x32	–	18	TITUS 350RL
R41	1630	36x14	–	18	TITUS 350RL
R42	5500	42x38	–	18	TITUS 350RL
R43	3000	42x10	–	18	TITUS 350RL
R44	6500	48x72	–	18	KEES GHD40
R45	3800	48x24	–	18	TITUS 350RL
R46	500	22x8	–	18	TITUS 350RL
R47	250	12x6	–	18	TITUS 350RL
EXHAUST AIR DEVICE					
E1	100	6x6	–	18	TITUS 350RL
E2	150	8x6	–	18	TITUS 350RL
E3	300	12x8	–	18	TITUS 350RL
E4	325	10x10	–	18	TITUS 350RL
E5	450	12x12	–	18	TITUS 350RL
E6	750	18x12	–	18	TITUS 350RL
E7	800	16x16	–	18	TITUS 350RL
E8	900	24x12	–	18	TITUS 350RL
E9	1050	18x18	–	18	TITUS 350RL
E10	1300	20x20	–	18	TITUS 350RL
E11	1550	22x22	–	18	TITUS 350RL
E12	1750	30x18	–	18	TITUS 350RL
E13	2450	42x18	–	18	TITUS 350RL
E14	2750	42x20	–	18	TITUS 350RL
E15	3300	46x22	–	18	TITUS 350RL
E16	300	12x8	–	18	TITUS 50F
E17	750	18x12	–	18	TITUS 50F

NOTES:
1. ALL SUPPLY AIR DIFFUSERS SHALL BE 4-WAY BLOW UNLESS OTHERWISE SHOWN ON THE DRAWINGS.
2. ALL SUPPLY AIR REGISTERS SHALL BE DOUBLE DEFLECTION WITH FRONT BLADES PARALLEL TO THE SHORT DIMENSION (VERTICAL).
3. PROVIDE 24x24 OR 48x24 MODULE FOR ALL LAY-IN SUPPLY, RETURN AND EXHAUST AIR DEVICES. TRIM MODULE AS NECESSARY TO FIT INTO GRID IF LESS THAN 24x24 OR 48x24 IS AVAILABLE.
4. EGGCRATE REGISTERS SHALL HAVE ½"x½"x1" DEEP ALUMINUM CORES.
5. EXHAUST REGISTERS CONNECTED TO STAINLESS STEEL DUCTWORK SHALL BE CONSTRUCTED OF STAINLESS STEEL.
6. FOR SUPPLY AIR DEVICES CONNECTED TO THE BOTTOM OF BRANCH DUCTS (ie SERVING MORE THAN ONE AIR DEVICE) PROVIDE DAMPER WITH GRID, TITUS AG-65 OR EQUAL.
7. NOT ALL AIR DEVICES SCHEDULED MAY BE USED.
8. COLLAR SIZE REFERS TO RUNNOUT CONNECTION TO SOUND LINED PLENUM BOX FABRICATED BY THE SHEET METAL CONTRACTOR CONNECTING TO THE DIFFUSER NECK. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
9. PROVIDE AIR EXTRACTOR FOR ALL SIDEWALL SUPPLY REGISTERS.
10. PROVIDE ALUMINUM CONSTRUCTION FOR ALL AIR DEVICES LOCATED IN LOCKER ROOMS, KITCHEN, ROOMS WITH SHOWERS AND ALL SCIENCE LABS.
11. ALL TDC TYPE DIFFUSERS SHALL BE PROVIDED WITH ADJUSTABLE VANES, ACCESSIBLE FROM THE DIFFUSER FACE, WITH THE DISCHARGE PATTERN SET TO THE VERTICAL POSITION.
12. PROVIDE FILTERS FOR ALL FILTER RETURN AIR GRILLES.

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GP #22105

FAN AND MISCELLANEOUS SCHEDULE

NORTH EAST MIDDLE/HIGH SCHOOL
300 IRISHTOWN ROAD, NORTH EAST, MD

DATE	DESCRIPTION
3/13/2024	ADDENDUM #1

M904

12/22/2023
BID SET

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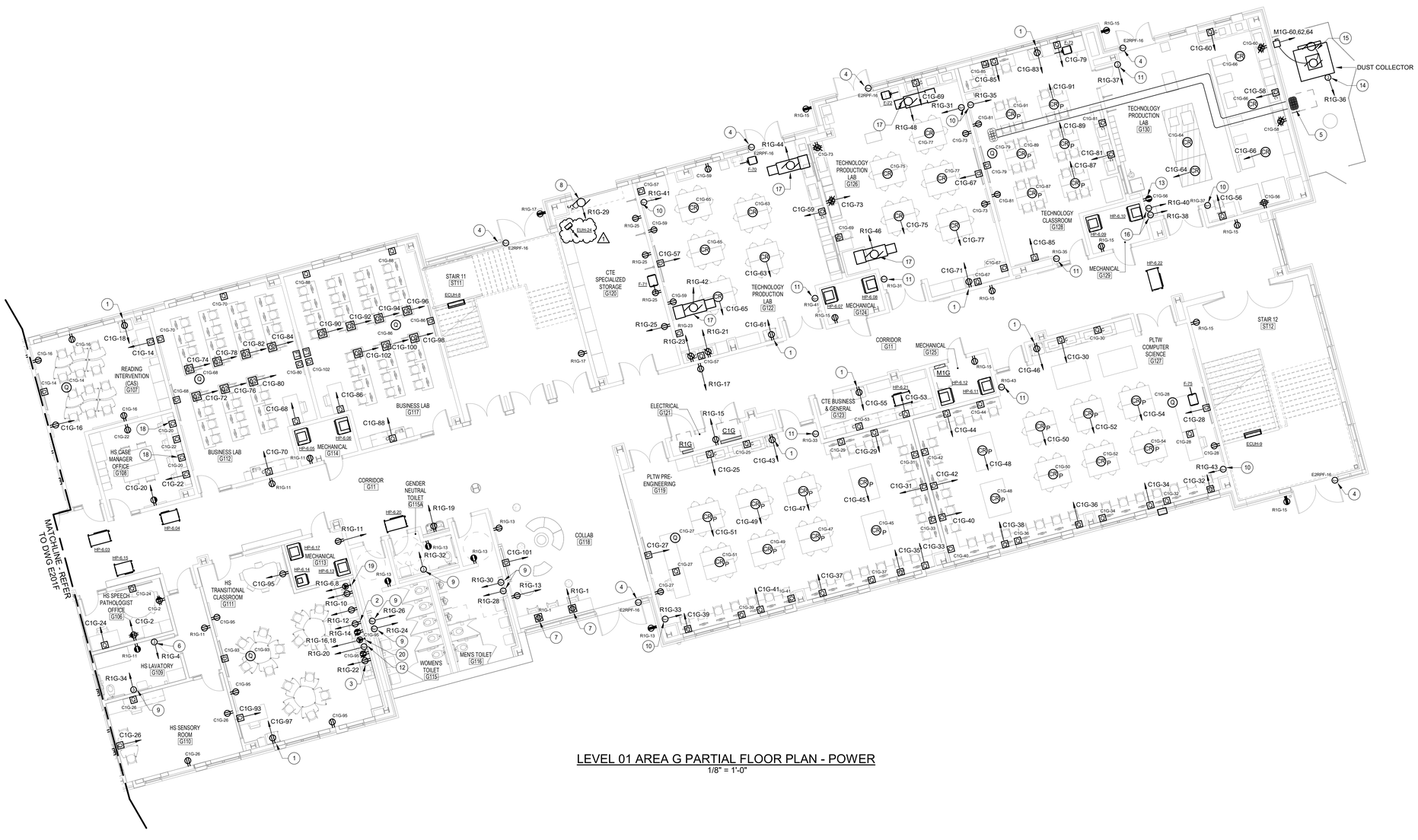
GENERAL NOTES:

1. REFER TO MECHANICAL EQUIPMENT SCHEDULES FOR MORE INFORMATION.

DRAWING NOTES:

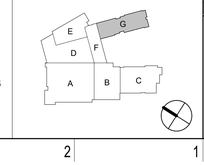
1. MOUNT TO SUIT TECHNOLOGY CART. COORDINATE FINAL LOCATION WITH ARCHITECT.
2. MOUNT TO SUIT MICROWAVE.
3. MOUNT TO SUIT DISHWASHER.
4. ACCESS CONTROL POWER SUPPLY.
5. FUSED DISCONNECT SWITCH AND PROPOSED CONDUIT ROUTING UP TO HS-MSB.
6. MOUNT TO SUIT CHANGING TABLE CHARGER.
7. MOUNT TO SUIT POWERED WORK COUNTERS. COORDINATE MOUNTING OF DEVICES WITH ARCHITECTURAL DRAWINGS.
8. MOTORIZED DOOR. MAKE ALL CONNECTIONS AS REQUIRED. COORDINATE SWITCH LOCATION WITH OWNER.
9. MOUNT TO SUIT HAND DRYERS.
10. UTILITY SHUT-OFF PANEL. EMERGENCY BUTTON ON PANEL SHALL TURN OFF ALL CIRCUITS IN THIS ROOM.
11. REMOTE UTILITY SHUT-OFF BUTTON. INTERLOCK WITH UTILITY SHUT-OFF PANEL IN THIS ROOM.
12. MOUNT TO SUIT RANGE HOOD.
13. MOUNT TO SUIT GOGGLE CABINET.
14. MAKE ALL CONNECTIONS TO ABORT GATE (PROVIDED BY OTHERS).
15. PROVIDE ALL CONNECTIONS TO SHAKER MOTOR AS REQUIRED.
16. MAKE ALL CONNECTIONS TO DUST COLLECTOR CONTROL PANEL AND SPARK DETECTION PANEL. COORDINATE LOCATION WITH OWNER AND MANUFACTURER RECOMMENDATIONS.
17. MAKE ALL CONNECTIONS TO AMBIENT AIR FILTRATION UNIT AND ASSOCIATED SWITCH AS REQUIRED.
18. PROVIDE WITH CONTROLLED RECEPTACLES.
19. NEMA 6-30R.
20. NEMA 6-50R.



LEVEL 01 AREA G PARTIAL FLOOR PLAN - POWER
1/8" = 1'-0"

SCALE: 1/8" = 1'-0"
8 0 8 16

KEY PLAN



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GP #22105

LEVEL 01 AREA G PARTIAL FLOOR PLAN - POWER

NORTH EAST MIDDLE / HIGH SCHOOL
300 IRISHTOWN ROAD, NORTH EAST, MD

DATE	DESCRIPTION
3/13/2024	ADDENDUM #1

E201G

12/22/2023
BID SET

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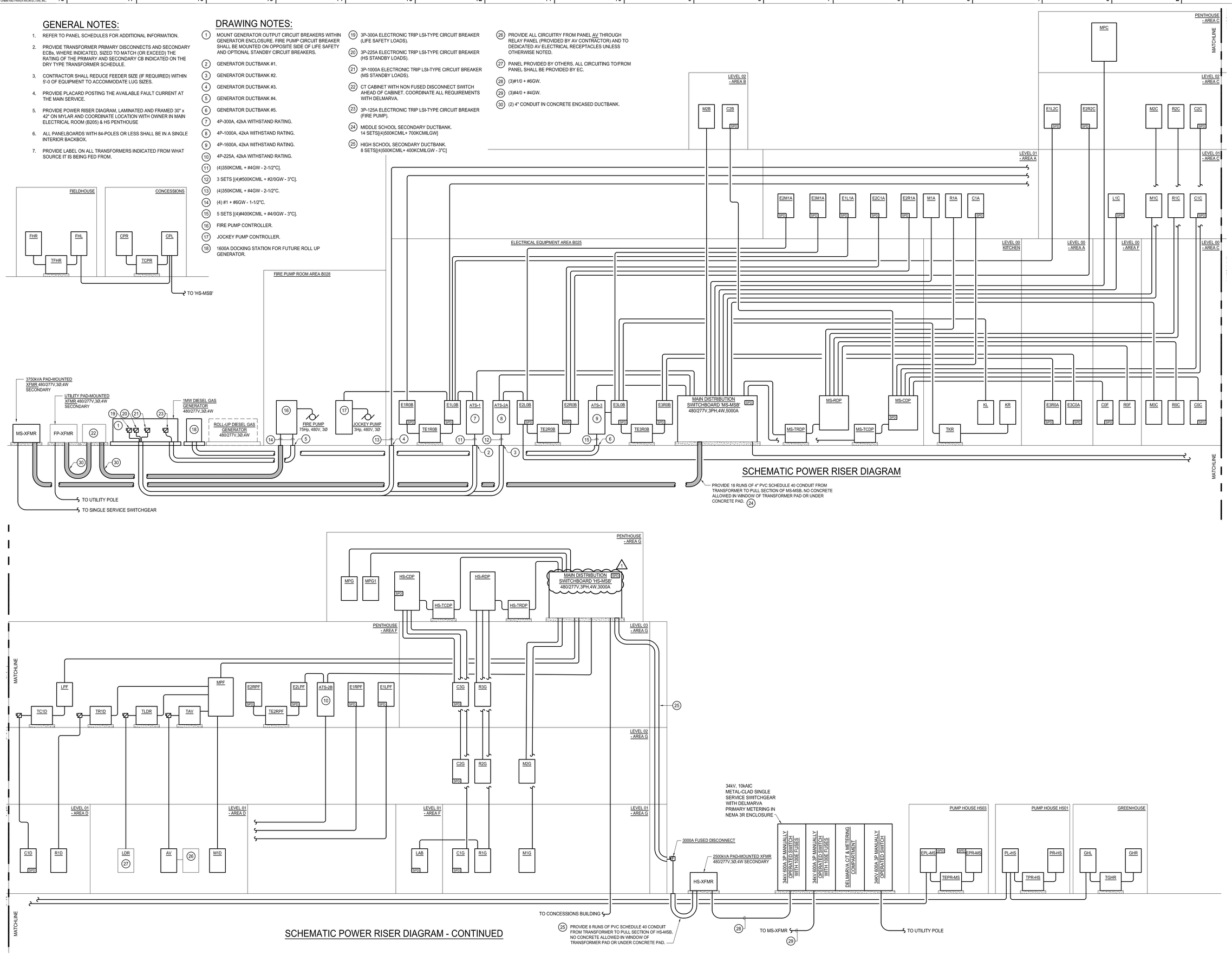
GENERAL NOTES:

1. REFER TO PANEL SCHEDULES FOR ADDITIONAL INFORMATION.
2. PROVIDE TRANSFORMER PRIMARY DISCONNECTS AND SECONDARY ECBs, WHERE INDICATED, SIZED TO MATCH (OR EXCEED) THE RATING OF THE PRIMARY AND SECONDARY CB INDICATED ON THE DRY TYPE TRANSFORMER SCHEDULE.
3. CONTRACTOR SHALL REDUCE FEEDER SIZE (IF REQUIRED) WITHIN 5'-0 OF EQUIPMENT TO ACCOMMODATE LUG SIZES.
4. PROVIDE PLACARD POSTING THE AVAILABLE FAULT CURRENT AT THE MAIN SERVICE.
5. PROVIDE POWER RISER DIAGRAM, LAMINATED AND FRAMED 30" x 42" ON MYLAR AND COORDINATE LOCATION WITH OWNER IN MAIN ELECTRICAL ROOM (B205) & HS PENTHOUSE
6. ALL PANELBOARDS WITH 84-POLES OR LESS SHALL BE IN A SINGLE INTERIOR BACKBOX.
7. PROVIDE LABEL ON ALL TRANSFORMERS INDICATED FROM WHAT SOURCE IT IS BEING FED FROM.

DRAWING NOTES:

1. MOUNT GENERATOR OUTPUT CIRCUIT BREAKERS WITHIN GENERATOR ENCLOSURE. FIRE PUMP CIRCUIT BREAKER SHALL BE MOUNTED ON OPPOSITE SIDE OF LIFE SAFETY AND OPTIONAL STANDBY CIRCUIT BREAKERS.
2. GENERATOR DUCTBANK #1.
3. GENERATOR DUCTBANK #2.
4. GENERATOR DUCTBANK #3.
5. GENERATOR DUCTBANK #4.
6. GENERATOR DUCTBANK #5.
7. 4P-300A, 42kA WITHSTAND RATING.
8. 4P-1000A, 42kA WITHSTAND RATING.
9. 4P-1600A, 42kA WITHSTAND RATING.
10. 4P-225A, 42kA WITHSTAND RATING.
11. (4)350KCMIL + #4GW - 2-1/2"C].
12. 3 SETS [(4)#500KCMIL + #2/0GW - 3"C].
13. (4)350KCMIL + #4GW - 2-1/2"C.
14. (4) #1 + #6GW - 1-1/2"C.
15. 5 SETS [(4)#400KCMIL + #4/0GW - 3"C].
16. FIRE PUMP CONTROLLER.
17. JOCKEY PUMP CONTROLLER.
18. 1600A DOCKING STATION FOR FUTURE ROLL UP GENERATOR.
19. 3P-300A ELECTRONIC TRIP LSI-TYPE CIRCUIT BREAKER (LIFE SAFETY LOADS).
20. 3P-225A ELECTRONIC TRIP LSI-TYPE CIRCUIT BREAKER (HS STANDBY LOADS).
21. 3P-1000A ELECTRONIC TRIP LSI-TYPE CIRCUIT BREAKER (MS STANDBY LOADS).
22. CT CABINET WITH NON FUSED DISCONNECT SWITCH AHEAD OF CABINET. COORDINATE ALL REQUIREMENTS WITH DELMARVA.
23. 3P-125A ELECTRONIC TRIP LSI-TYPE CIRCUIT BREAKER (FIRE PUMP).
24. MIDDLE SCHOOL SECONDARY DUCTBANK. 14 SETS[(4)500KCMIL+ 700KCMILGW]
25. HIGH SCHOOL SECONDARY DUCTBANK. 8 SETS[(4)500KCMIL+ 400KCMILGW - 3"C]
26. PROVIDE ALL CIRCUITRY FROM PANEL AV THROUGH RELAY PANEL (PROVIDED BY AV CONTRACTOR) AND TO DEDICATED AV ELECTRICAL RECEPTACLES UNLESS OTHERWISE NOTED.
27. PANEL PROVIDED BY OTHERS. ALL CIRCUITING TO/FROM PANEL SHALL BE PROVIDED BY EC.
28. (3)#1/0 + #6GW.
29. (3)#4/0 + #4GW.
30. (2) 4" CONDUIT IN CONCRETE ENCASED DUCTBANK.



SCHEMATIC POWER RISER DIAGRAM

SCHEMATIC POWER RISER DIAGRAM - CONTINUED

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SCHEMATIC POWER RISER DIAGRAM

NORTH EAST MIDDLE/HIGH SCHOOL
300 IRISHTOWN ROAD, NORTH EAST, MD

DATE	DESCRIPTION
3/13/2024	ADDENDUM #1

E601

12/22/2023
BID SET

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MECHANICAL EQUIPMENT CONNECTION SCHEDULE (DOASs)

EQUIPMENT DESIG.	ELECTRICAL CHARACTERISTICS				CIRCUIT DESIG.	MECS NOTES
	VOLTAGE	ϕ	AMPS	kVA		
DOAS-1	480 V	3	56.0 A	46.6 kVA	E2M1A-1,3,5	8
DOAS-2	480 V	3	124.0 A	103.1 kVA	MPC-1,3,5	10
DOAS-3	480 V	3	129.0 A	107.2 kVA	MPC-2,4,6	10
DOAS-4	480 V	3	100.0 A	83.1 kVA	MPC-7,9,11	10
DOAS-5	480 V	3	63.0 A	52.4 kVA	MPC-8,10,12	8
DOAS-6	480 V	3	119.0 A	98.9 kVA	HS-MSB-2	10
DOAS-7	480 V	3	126.0 A	104.8 kVA	HS-MSB-3	10
DOAS-8	480 V	3	139.0 A	115.6 kVA	HS-MSB-4	10
DOAS-9	480 V	3	110.0 A	91.5 kVA	MPF-1,3,5	10

MECHANICAL EQUIPMENT CONNECTION SCHEDULE (RTUs)

EQUIPMENT DESIG.	ELECTRICAL CHARACTERISTICS				CIRCUIT DESIG.	MECS NOTES
	VOLTAGE	ϕ	AMPS	kVA		
RTU-1	480 V	3	69.0 A	57.4 kVA	E3L0B-5	8
RTU-2	480 V	3	137.0 A	113.9 kVA	E3M1A-1,3,5	10
RTU-3	480 V	3	37.0 A	30.8 kVA	E3M1A-2,4,6	8
RTU-4	480 V	3	47.0 A	39.1 kVA	E3M1A-7,9,11	8
RTU-5	480 V	3	37.0 A	30.8 kVA	E3M1A-8,10,12	8
RTU-6	480 V	3	47.0 A	39.1 kVA	E3M1A-13,15,17	8
RTU-7	480 V	3	107.0 A	89.0 kVA	E3L0B-7	10
RTU-8	480 V	3	190.0 A	158.0 kVA	E3M1A-14,16,18	10
RTU-9	480 V	3	37.0 A	30.8 kVA	E3M1A-19,21,23	8
RTU-10	480 V	3	53.0 A	44.1 kVA	E3M1A-20,22,24	8
RTU-11	480 V	3	111.0 A	92.3 kVA	MPF-2,4,6	10
RTU-12	480 V	3	63.0 A	52.4 kVA	E3M1A-25,27,29	8

MECHANICAL EQUIPMENT CONNECTION SCHEDULE (AHUs)

EQUIPMENT DESIG.	ELECTRICAL CHARACTERISTICS				CIRCUIT DESIG.	MECS NOTES
	VOLTAGE	ϕ	AMPS	kVA		
AHU-1	480 V	3	72.0 A	59.9 kVA	HS-MSB-1	8

MECHANICAL EQUIPMENT CONNECTION SCHEDULE (PUMPs)

EQUIPMENT DESIG.	ELECTRICAL CHARACTERISTICS				CIRCUIT DESIG.	MECS NOTES
	VOLTAGE	ϕ	AMPS	kVA		
P-1	480 V	3	156.0 A	129.7 kVA	EPL-MS-1,3,5	2
P-2 (SB)	480 V	3	0.0 A	0.0 kVA	EPL-MS-2,4,6	2
P-3	480 V	3	124.0 A	103.1 kVA	PL-HS-1,3,5	2
P-4 (SB)	480 V	3	0.0 A	0.0 kVA	PL-HS-2,4,6	2

MECHANICAL EQUIPMENT CONNECTION SCHEDULE (ERVs)

EQUIPMENT DESIG.	ELECTRICAL CHARACTERISTICS				CIRCUIT DESIG.	MECS NOTES
	VOLTAGE	ϕ	AMPS	kVA		
ERV-1	208 V	3	8 A	2.8 kVA	CPR-28,30,32	7
ERV-2	208 V	3	10 A	3.7 kVA	FHR-13,15,17	7

MECHANICAL EQUIPMENT CONNECTION SCHEDULE (SPLIT SYSTEMs)

EQUIPMENT DESIG.	ELECTRICAL CHARACTERISTICS				CIRCUIT DESIG.	MECS NOTES
	VOLTAGE	ϕ	AMPS	kVA		
SSCU-1	208 V	1	16.5 A	3.4 kVA	E2R2C-14,16	9
SSCU-2	208 V	1	16.5 A	3.4 kVA	E2R2C-18,20	9
SSCU-3	208 V	1	16.5 A	3.4 kVA	E2R2C-22,24	9
SSCU-4	208 V	1	13.4 A	2.8 kVA	E2R1A-23,25	9
SSCU-5	208 V	1	13.4 A	2.8 kVA	E2R1A-27,29	9
SSCU-6	208 V	1	12.8 A	2.7 kVA	E2R0B-43,45	9
SSCU-7	208 V	1	16.5 A	3.4 kVA	E2RPF-23,25	9
SSCU-8	208 V	1	16.5 A	3.4 kVA	E2RPF-27,29	9
SSCU-9	208 V	1	16.5 A	3.4 kVA	E2RPF-31,33	9
SSCU-10	208 V	1	16.5 A	3.4 kVA	E2RPF-35,37	9
SSCU-11	208 V	1	16.5 A	3.4 kVA	E2RPF-39,41	9
SSCU-12	208 V	1	16.5 A	3.4 kVA	E2RPF-43,45	9

MECHANICAL EQUIPMENT CONNECTION SCHEDULE (ERCPs)

EQUIPMENT DESIG.	ELECTRICAL CHARACTERISTICS				CIRCUIT DESIG.	MECS NOTES
	VOLTAGE	ϕ	AMPS	kVA		
ERCP-1	120 V	1	2.6 A	0.3 kVA	E3R0A-48	11
ERCP-2	120 V	1	2.6 A	0.3 kVA	E3R0A-48	11
ERCP-3	120 V	1	2.6 A	0.3 kVA	R2C-13	11
ERCP-4	120 V	1	2.6 A	0.3 kVA	PR-HS-3	11
ERCP-5	120 V	1	2.6 A	0.3 kVA	PR-HS-3	11
ERCP-6	120 V	1	2.6 A	0.3 kVA	CPR-12	11
ERCP-7	120 V	1	2.6 A	0.3 kVA	CPR-14	11
ERCP-8	120 V	1	2.6 A	0.3 kVA	CPR-16	11
ERCP-9	120 V	1	4.2 A	0.5 kVA	CPR-18	11
ERCP-10	120 V	1	4.2 A	0.5 kVA	CPR-11	11
ERCP-11	120 V	1	4.2 A	0.5 kVA	CPR-13	11
ERCP-12	120 V	1	4.2 A	0.5 kVA	CPR-15	11
ERCP-13	120 V	1	4.2 A	0.5 kVA	CPR-17	11
ERCP-14	120 V	1	4.2 A	0.5 kVA	CPR-19	11
ERCP-15	120 V	1	4.2 A	0.5 kVA	CPR-21	11
ERCP-16	120 V	1	4.2 A	0.5 kVA	CPR-23	11
ERCP-17	120 V	1	4.2 A	0.5 kVA	CPR-25	11
ERCP-18	120 V	1	4.2 A	0.5 kVA	CPR-27	11
ERCP-19	120 V	1	4.2 A	0.5 kVA	CPR-29	11
ERCP-20	120 V	1	4.2 A	0.5 kVA	CPR-31	11
ERCP-21	120 V	1	4.2 A	0.5 kVA	CPR-33	11
ERCP-22	120 V	1	4.2 A	0.5 kVA	CPR-35	11
ERCP-23	120 V	1	4.2 A	0.5 kVA	CPR-37	11
ERCP-24	120 V	1	4.2 A	0.5 kVA	CPR-39	11
ERCP-25	120 V	1	4.2 A	0.5 kVA	CPR-41	11
ERCP-26	120 V	1	4.2 A	0.5 kVA	FHR-11	11

MECHANICAL EQUIPMENT CONNECTION SCHEDULE (ECUHs)

EQUIPMENT DESIG.	ELECTRICAL CHARACTERISTICS				CIRCUIT DESIG.	MECS NOTES
	VOLTAGE	ϕ	AMPS	kVA		
ECUH-1	480 V	3	16.0 A	13.3 kVA	KL-13,15,17	9
ECUH-2	480 V	3	16.0 A	13.3 kVA	KL-19,21,23	9
ECUH-3	480 V	3	13.0 A	10.8 kVA	M0C-47,49,51	9
ECUH-4	480 V	3	13.0 A	10.8 kVA	M0C-50,52,54	9
ECUH-5	480 V	3	13.0 A	10.8 kVA	M0C-53,55,57	9
ECUH-6	480 V	3	13.0 A	10.8 kVA	M1A-30,32,34	9
ECUH-7	480 V	3	13.0 A	10.8 kVA	M1G-55,57,59	9
ECUH-8	480 V	3	13.0 A	10.8 kVA	M1G-61,63,65	9
ECUH-9	480 V	3	13.0 A	10.8 kVA	M1G-67,69,71	9
ECUH-10	480 V	3	4.0 A	3.3 kVA	M2C-58,60,62	9
ECUH-11	480 V	3	4.0 A	3.3 kVA	M2C-58,60,62	9
ECUH-12	480 V	3	4.0 A	3.3 kVA	M2C-58,60,62	9
ECUH-13	480 V	3	4.0 A	3.3 kVA	MPF-20,22,24	9
ECUH-14	480 V	3	4.0 A	3.3 kVA	MPF-20,22,24	9
ECUH-15	480 V	3	4.0 A	3.3 kVA	E3M1A-26,28,30	9
ECUH-16	480 V	3	4.0 A	3.3 kVA	E3M1A-32,34,36	9

MECHANICAL EQUIPMENT CONNECTION SCHEDULE (UHs)

EQUIPMENT DESIG.	ELECTRICAL CHARACTERISTICS				CIRCUIT DESIG.	MECS NOTES
	VOLTAGE	ϕ	AMPS	kVA		
EUH-1	480 V	3	12.0 A	10.0 kVA	MPC-19,21,23	7
EUH-2	480 V	3	12.0 A	10.0 kVA	MPC-20,22,24	7
EUH-3	480 V	3	12.0 A	10.0 kVA	MPG1-60,62,64	7
EUH-4	480 V	3	12.0 A	10.0 kVA	MPG1-66,68,70	7
EUH-5	480 V	3	12.0 A	10.0 kVA	MPG1-72,74,76	7
EUH-6	480 V	3	12.0 A	10.0 kVA	MPG1-63,65,67	7
EUH-7	480 V	3	12.0 A	10.0 kVA	MPG1-69,71,73	7
EUH-8	480 V	3	12.0 A	10.0 kVA	MPG1-78,80,82	7
EUH-9	480 V	3	12.0 A	10.0 kVA	EPL-MS-8,10,12	7
EUH-10	480 V	3	12.0 A	10.0 kVA	PL-HS-7,9,11	7
EUH-11	480 V	3	3.6 A	3.0 kVA	MPF-25,27,29	7
EUH-12	480 V	3	12.0 A	10.0 kVA	GHL-1,3,5	7
EUH-13	480 V	3	12.0 A	10.0 kVA	GHL-2,4,6	7
EUH-14	480 V	3	12.0 A	10.0 kVA	GHL-7,9,11	7
EUH-15	480 V	3	12.0 A	10.0 kVA	GHL-19,21,23	7
EUH-16	480 V	3	6.0 A	5.0 kVA	CPL-1,3,5	7
EUH-17	480 V	3	12.0 A	10.0 kVA	FHL-1,3,5	7
EUH-18	480 V	3	6.0 A	5.0 kVA	FHL-2,4,6	7
EUH-19	480 V	3	3.6 A	3.0 kVA	FHL-7,9,11	7
EUH-20	480 V	3	3.6 A	3.0 kVA	FHL-7,9,11	7
EUH-21	480 V	3	6.0 A	5.0 kVA	FHL-8,10,12	7
EUH-22	480 V	3	3.6 A	3.0 kVA	CPL-6,8,10	7
EUH-23	480 V	3	3.6 A	3.0 kVA	E3L0B-9	7
EUH-24	480 V	3	12.0 A	10.0 kVA	M1G-73,75,77	7

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MECHANICAL EQUIPMENT CONNECTION SCHEDULE (MAKE UP AIR)

EQUIPMENT DESIG.	ELECTRICAL CHARACTERISTICS				CIRCUIT DESIG.	MECS NOTES
	VOLTAGE	ϕ	AMPS	kVA		
MUA-1	480 V	3	85.0 A	70.7 kVA	KL-37,39,41	9

MECHANICAL EQUIPMENT CONNECTION SCHEDULE (EWHs)

EQUIPMENT DESIG.	ELECTRICAL CHARACTERISTICS				CIRCUIT DESIG.	MECS NOTES
	VOLTAGE	ϕ	AMPS	kVA		
EWH-1	208 V	3	11.1 A	4.0 kVA	CPR-34,36,38	7

MECHANICAL EQUIPMENT CONNECTION SCHEDULE (EHCs)

EQUIPMENT DESIG.	ELECTRICAL CHARACTERISTICS				CIRCUIT DESIG.	MECS NOTES
	VOLTAGE	ϕ	AMPS	kVA		
EHC-1	480 V	3	9.0 A	7.5 kVA	CPL-7,9,11	1
EHC-2	480 V	3	6.0 A	5.0 kVA	CPL-13,15,17	1
EHC-3	480 V	3	6.0 A	5.0 kVA	CPL-13,15,17	1
EHC-4	480 V	3	12.0 A	10.0 kVA	FHL-39,41,43	1
EHC-5	480 V	3	6.0 A	5.0 kVA	FHL-40,42,44	1
EHC-6	480 V	3	9.0 A	7.5 kVA	FHL-40,42,44	1
EHC-7	480 V	3	12.0 A	10.0 kVA	E3L0B-15	1

MECHANICAL EQUIPMENT CONNECTION SCHEDULE (HWGs)

EQUIPMENT DESIG.	ELECTRICAL CHARACTERISTICS				CIRCUIT DESIG.	MECS NOTES
	VOLTAGE	ϕ	AMPS	kVA		
HWG-1	480 V	3	92.0 A	76.5 kVA	E2L0B-7,9,11	5
HWG-2	480 V	3	92.0 A	76.5 kVA	E2L0B-8,10,12	5
HWG-3	480 V	3	26.7 A	22.2 kVA	MPC-25,27,29	6
HWG-4	480 V	3	26.7 A	22.2 kVA	MPC-26,28,30	6
HWG-5	480 V	3	26.7 A	22.2 kVA	MPG-55,57,59	6
HWG-6	480 V	3	26.7 A	22.2 kVA	MPG-56,58,60	6
HWG-7	480 V	3	15.0 A	12.5 kVA	CPL-12,14,16	7
HWG-8	480 V	3	15.0 A	12.5 kVA	FHL-13,15,17	7
HWG-9	480 V	3	15.0 A	12.5 kVA	PL-HS-8,10,12	7
HWG-10	480 V	3	15.0 A	12.5 kVA	GHL-8,10,12	7

MECHANICAL EQUIPMENT CONNECTION SCHEDULE (HWSTs)

EQUIPMENT DESIG.	ELECTRICAL CHARACTERISTICS				CIRCUIT DESIG.	MECS NOTES
	VOLTAGE	ϕ	AMPS	kVA		
HWST-2	480 V	3	37.0 A	30.8 kVA	E2L0B-13,15,17	6
HWST-4	480 V	3	37.0 A	30.8 kVA	MPC-31,33,35	6
HWST-6	480 V	3	37.0 A	30.8 kVA	MPG-61,63,65	6

MECHANICAL EQUIPMENT CONNECTION SCHEDULE (RECIRC PUMPs)

EQUIPMENT DESIG.	ELECTRICAL CHARACTERISTICS				CIRCUIT DESIG.	MECS NOTES
	VOLTAGE	ϕ	AMPS	kVA		
RP-1	480 V	3	2.1 A	1.7 kVA	E2L0B-20,22,24	7
RP-2	480 V	3	2.0 A	1.7 kVA	MPC-32,34,36	7
RP-3	480 V	3	2.0 A	1.7 kVA	MPG-62,64,66	7
RP-4	120 V	1	2.0 A	0.2 kVA	CPR-20	11
RP-5	120 V	1	2.0 A	0.2 kVA	FHR-12	11
RP-6	120 V	1	2.0 A	0.2 kVA	PR-HS-5	11
RP-7	120 V	1	2.0 A	0.2 kVA	GHR-1	11

MECHANICAL EQUIPMENT CONNECTION SCHEDULE (FANs)

EQUIPMENT DESIG.	ELECTRICAL CHARACTERISTICS				CIRCUIT DESIG.	MECS NOTES
	VOLTAGE	ϕ	AMPS	kVA		
F-1	480 V	3	4.8 A	4.0 kVA	KL-7,9,11	2
F-2	120 V	1	13.8 A	1.7 kVA	E3R0B-34	1
F-3	480 V	3	3.0 A	2.5 kVA	KL-20,22,24	4
F-4	120 V	1	5.0 A	0.6 kVA	E3R0B-36	1
F-5	120 V	1	2.5 A	0.3 kVA	E3R0B-38	1
F-6	120 V	1	2.5 A	0.3 kVA	E3R0B-38	1
F-7	120 V	1	2.5 A	0.3 kVA	E3R0B-38	1
F-8	120 V	1	2.5 A	0.3 kVA	E3R0B-38	1
F-9	120 V	1	16.0 A	1.9 kVA	E3R0B-40	1
F-10	120 V	1	2.5 A	0.3 kVA	R1C-31	1
F-11	480 V	3	1.0 A	0.8 kVA	MPC-13,15,17	4
F-12	120 V	1	2.5 A	0.3 kVA	R3G-8	1
F-13	480 V	3	1.0 A	0.8 kVA	MPF-19,21,23	4
F-14	480 V	3	1.0 A	0.8 kVA	MPF-19,21,23	4
F-15	480 V	3	1.6 A	1.3 kVA	MPF-19,21,23	4
F-16	480 V	3	2.0 A	1.7 kVA	MPG1-51,53,55	4
F-17	480 V	3	2.0 A	1.7 kVA	MPG1-51,53,55	4
F-18	480 V	3	2.0 A	1.7 kVA	MPG1-51,53,55	4
F-19	480 V	3	2.0 A	1.7 kVA	MPC-13,15,17	4
F-20	480 V	3	2.0 A	1.7 kVA	MPC-13,15,17	4
F-21	120 V	1	2.5 A	0.3 kVA	E3R0B-44	4
F-22	120 V	1	2.5 A	0.3 kVA	E3R0B-46	4
F-23	120 V	1	2.5 A	0.3 kVA	E3R0A-37	1
F-24	120 V	1	2.5 A	0.3 kVA	E3R0A-37	1
F-25	120 V	1	2.5 A	0.3 kVA	R0F-1	1
F-26	120 V	1	9.8 A	1.2 kVA	R3G-17	1
F-27	120 V	1	2.5 A	0.3 kVA	R1G-27	1
F-28	120 V	1	2.5 A	0.3 kVA	R1D-18	1
F-29	120 V	1	2.5 A	0.3 kVA	R1D-18	1
F-30	120 V	1	5.8 A	0.7 kVA	R1D-30	1
F-31	120 V	1	2.0 A	0.2 kVA	E3R0B-48	1
F-32	480 V	3	1.6 A	1.3 kVA	MPC-14,16,18	4
F-33	480 V	3	1.6 A	1.3 kVA	MPC-14,16,18	4
F-34	480 V	3	1.6 A	1.3 kVA	MPC-14,16,18	4
F-35	480 V	3	1.0 A	0.8 kVA	E3L0B-13	4
F-36	480 V	3	2.0 A	1.7 kVA	MPG1-54,56,58	4
F-37	480 V	3	2.0 A	1.7 kVA	MPG1-54,56,58	4
F-38	480 V	3	2.0 A	1.7 kVA	MPG1-54,56,58	4
F-39	480 V	3	2.0 A	1.7 kVA	MPG1-54,56,58	4
F-40	480 V	3	2.0 A	1.7 kVA	MPG1-57,59,61	4
F-41	480 V	3	2.0 A	1.7 kVA	MPG1-57,59,61	4
F-42	480 V	3	2.0 A	1.7 kVA	MPG1-57,59,61	4
F-43	120 V	1	5.8 A	0.7 kVA	E3R0B-48	1
F-44	120 V	1	2.0 A	0.2 kVA	E3R0B-48	1
F-45	120 V	1	1.0 A	0.1 kVA	R1D-34	1
F-46	120 V	1	1.0 A	0.1 kVA	R1D-34	1
F-47	120 V	1	2.0 A	0.2 kVA	R1D-32	1
F-48	120 V	1	2.0 A	0.2 kVA	R1D-32	1
F-49	120 V	1	2.5 A	0.3 kVA	E2R1A-31	1
F-50	120 V	1	2.5 A	0.3 kVA	E2R1A-31	1
F-51	120 V	1	2.5 A	0.3 kVA	E2R1A-31	1
F-52	120 V	1	2.5 A	0.3 kVA	E2R1A-47	1
F-53	120 V	1	2.5 A	0.3 kVA	E2R1A-47	1
F-54	120 V	1	2.5 A	0.3 kVA	E2R1A-47	1
F-55	120 V	1	2.0 A	0.2 kVA	CPR-10	1
F-56	120 V	1	2.0 A	0.2 kVA	CPR-10	1
F-57	120 V	1	2.0 A	0.2 kVA	FHR-10	1
F-58	120 V	1	1.0 A	0.1 kVA	R0C-12	4
F-59	120 V	1	10.0 A	1.2 kVA	R3G-21	4
F-60	120 V	1	7.2 A	0.9 kVA	R2C-16	4
F-61	480 V	3	2.0 A	1.7 kVA	PL-HS-13,15,17	4
F-62	120 V	1	1.0 A	0.1 kVA	PR-HS-7	4
F-63	120 V	1	1.0 A	0.1 kVA	PR-HS-7	4
F-64	480 V	3	2.0 A	1.7 kVA	EPL-MS-9,11,13	4
F-65	120 V	1	5.8 A	0.7 kVA	CPR-40	1
F-66	120 V	1	5.8 A	0.7 kVA	CPR-42	1
F-67	480 V	3	1.0 A	0.8 kVA	GHL-13,15,17	4
F-68	120 V	1	5.8 A	0.7 kVA	FHR-14	1
F-69	120 V	1	5.8 A	0.7 kVA	FHR-16	1
F-70	120 V	1	2.5 A	0.3 kVA	R1G-45	1
F-71	120 V	1	5.8 A	0.7 kVA	R1G-50	1
F-72	120 V	1	2.5 A	0.3 kVA	R1G-47	1
F-73	120 V	1	5.8 A	0.7 kVA	R1G-52	1
F-74	480 V	3	1.0 A	0.8 kVA	MPF-19,21,23	4
F-75	120 V	1	5.8 A	0.7 kVA	R1G-52	1

MECHANICAL EQUIPMENT NOTES

1. MAKE CONNECTION TO DISCONNECT PROVIDED WITH UNIT.
2. MAKE CONNECTION TO VSD PROVIDED WITH UNIT.
3. PROVIDE FRACTIONAL MANUAL MOTOR STARTER WITH HOA PILOT LIGHT AND MAKE ALL CONNECTIONS.
4. PROVIDE 3P-30A COMBINATION STARTER/DISCONNECT AND MAKE ALL CONNECTIONS.
5. PROVIDE 3P-200A-NF/SS MOUNT AT UNIT AND MAKE ALL CONNECTIONS.
6. PROVIDE 3P-60A-NF/SS MOUNT AT UNIT AND MAKE ALL CONNECTIONS.
7. PROVIDE 3P-30A-NF/SS MOUNT AT UNIT AND MAKE ALL CONNECTIONS.
8. PROVIDE 3P-100A-F/SS MOUNT AT UNIT AND MAKE ALL CONNECTIONS.
9. PROVIDE 3P-30A-F/SS MOUNT AT UNIT AND MAKE ALL CONNECTIONS.
10. PROVIDE 3P-200A-F/SS MOUNT AT UNIT AND MAKE ALL CONNECTIONS.
11. PROVIDE 1P DISCONNECT AND MAKE ALL CONNECTIONS.

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G+P GRIMM + PARKER ARCHITECTS

GP #22105

MECHANICAL EQUIPMENT CONNECTION SCHEDULES

NORTH EAST MIDDLE / HIGH SCHOOL
300 IRISHTOWN ROAD, NORTH EAST, MD

DATE	DESCRIPTION
3/13/2024	ADDENDUM #1

E702

12/22/2023
BID SET

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Branch Panel: M1G

LOCATION: MECHANICAL G125
SUPPLY FROM: HS-MSB
MOUNTING: Surface
VOLTAGE: 480/277 Wye
PHASE: 3
WIRES: 4
A.I.C. RATING: 42kAIC
MAINS RATING: 400 A
MCB RATING: 400 A
NEUTRAL RATING: 100%

Notes:

CKT	CIRCUIT	WIRE SIZE	P	CB	A		B		C		CB	P	WIRE SIZE	CIRCUIT	CKT
M1G-1					2.7 kVA	2.7 kVA									M1G-2
M1G-3	HP-6.01	(3)#12 + #12GW - 3/4"C	3	15 A			2.7 kVA	2.7 kVA			15 A	3	(3)#12 + #12GW - 3/4"C	HP-6.02	M1G-4
M1G-5									2.7 kVA	2.7 kVA					M1G-6
M1G-7	HP-6.03	(2)#12 + #12GW - 3/4"C	1	15 A	2.7 kVA	1.5 kVA					15 A	1	(2)#12 + #12GW - 3/4"C	HP-6.04	M1G-8
M1G-9							2.7 kVA	2.7 kVA							M1G-10
M1G-11	HP-6.05	(3)#12 + #12GW - 3/4"C	3	15 A					2.7 kVA	2.7 kVA	15 A	3	(3)#12 + #12GW - 3/4"C	HP-6.06	M1G-12
M1G-13					2.7 kVA	2.7 kVA									M1G-14
M1G-15							4.3 kVA	2.9 kVA							M1G-16
M1G-17	HP-6.07	(3)#10 + #10GW - 3/4"C	3	25 A					4.3 kVA	2.9 kVA	15 A	3	(3)#12 + #12GW - 3/4"C	HP-6.08	M1G-18
M1G-19					4.3 kVA	2.9 kVA									M1G-20
M1G-21							2.7 kVA	2.9 kVA							M1G-22
M1G-23	HP-6.09	(3)#12 + #12GW - 3/4"C	3	15 A					2.7 kVA	2.9 kVA	15 A	3	(3)#12 + #12GW - 3/4"C	HP-6.10	M1G-24
M1G-25					2.7 kVA	2.9 kVA									M1G-26
M1G-27							4.3 kVA	4.3 kVA							M1G-28
M1G-29	HP-6.11	(3)#10 + #10GW - 3/4"C	3	25 A					4.3 kVA	4.3 kVA	25 A	3	(3)#10 + #10GW - 3/4"C	HP-6.12	M1G-30
M1G-31					4.3 kVA	4.3 kVA									M1G-32
M1G-33							2.7 kVA	1.5 kVA			15 A	1	(2)#12 + #12GW - 3/4"C	HP-6.14	M1G-34
M1G-35	HP-6.13	(3)#10 + #10GW - 3/4"C	3	15 A					2.7 kVA	1.5 kVA	15 A	1	(2)#12 + #12GW - 3/4"C	HP-6.15	M1G-36
M1G-37					2.7 kVA	2.7 kVA									M1G-38
M1G-39							3.7 kVA	2.7 kVA			15 A	3	(3)#12 + #12GW - 3/4"C	HP-6.16	M1G-40
M1G-41	HP-6.17	(3)#12 + #12GW - 3/4"C	3	20 A					3.7 kVA	2.7 kVA					M1G-42
M1G-43					3.7 kVA	0.0 kVA					20 A	1	--	SPARE	M1G-44
M1G-45	SPARE	--	1	20 A			0.0 kVA	0.0 kVA			20 A	1	--	SPARE	M1G-46
M1G-47	SPARE	--	1	20 A					0.0 kVA	0.0 kVA	20 A	1	--	SPARE	M1G-48
M1G-49	SPARE	--	1	20 A	0.0 kVA	2.7 kVA					15 A	1	(2)#12 + #12GW - 3/4"C	HP-6.20	M1G-50
M1G-51	HP-6.21	(2)#12 + #12GW - 3/4"C	1	15 A			1.5 kVA	2.7 kVA			15 A	1	(2)#12 + #12GW - 3/4"C	HP-6.22	M1G-52
M1G-53	HP-6.23	(2)#12 + #12GW - 3/4"C	1	15 A					2.7 kVA	3.7 kVA					M1G-54
M1G-55					3.6 kVA	3.7 kVA					20 A	3	(3)#12 + #12GW - 3/4"C	HP-6.24	M1G-56
M1G-57	ECUH-7	(3)#12 + #12GW - 3/4"C	3	20 A			3.6 kVA	3.7 kVA							M1G-58
M1G-59									3.6 kVA	7.5 kVA					M1G-60
M1G-61					3.6 kVA	7.5 kVA					60 A	3	(3)#4 + #10GW - 1"C	DUST COLLECTOR	M1G-62
M1G-63	ECUH-8	(3)#12 + #12GW - 3/4"C	3	20 A			3.6 kVA	7.5 kVA							M1G-64
M1G-65									3.6 kVA	0.0 kVA	20 A	1	--	SPARE	M1G-66
M1G-67					3.6 kVA	0.0 kVA					20 A	1	--	SPARE	M1G-68
M1G-69	ECUH-9	(3)#12 + #12GW - 3/4"C	3	20 A			3.6 kVA	0.0 kVA			20 A	1	--	SPARE	M1G-70
M1G-71									3.6 kVA	0.0 kVA	20 A	1	--	SPARE	M1G-72
M1G-73					3.3 kVA										M1G-74
M1G-75	EUH-24	(3)#12 + #12GW - 3/4"C	3	20 A			3.3 kVA								M1G-76
M1G-77									3.3 kVA						M1G-78
M1G-79															M1G-80
M1G-81															M1G-82
M1G-83															M1G-84
		Total Connected Load:	216.7...		73.5 kVA		72.4 kVA		70.8 kVA						

Legend:

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	PANELBOARD TOTALS	
REC -	0.0 kVA	0.00%	0.0 kVA	**Total Conn. Load:**	216.7 kVA
MECHANICAL -	216.7 kVA	100.00%	216.7 kVA	**Total Est. Demand:**	216.7 kVA
LTG. -	0.0 kVA	0.00%	0.0 kVA	**Total Conn.:**	261 A
EQUIPMENT -	0.0 kVA	0.00%	0.0 kVA	**Total Est. Demand.:**	261 A

Branch Panel: M2C

LOCATION: ELECTRICAL C220
SUPPLY FROM: MS-MSB
MOUNTING: Surface
VOLTAGE: 480/277 Wye
PHASE: 3
WIRES: 4
A.I.C. RATING: 42kAIC
MAINS RATING: 400 A
MCB RATING: 300 A
NEUTRAL RATING: 100%

Notes:

CKT	CIRCUIT	WIRE SIZE	P	CB	A		B		C		CB	P	WIRE SIZE	CIRCUIT	CKT
M2C-1					2.7 kVA	2.7 kVA									M2C-2
M2C-3	HP-4.01	(3)#12 + #12GW - 3/4"C	3	15 A			2.7 kVA	2.7 kVA			15 A	3	(3)#12 + #12GW - 3/4"C	HP-4.02	M2C-4
M2C-5									2.7 kVA	2.7 kVA					M2C-6
M2C-7					2.7 kVA	2.7 kVA									M2C-8
M2C-9	HP-4.03	(3)#12 + #12GW - 3/4"C	3	15 A			2.7 kVA	2.7 kVA			15 A	3	(3)#12 + #12GW - 3/4"C	HP-4.04	M2C-10
M2C-11									2.7 kVA	2.7 kVA					M2C-12
M2C-13					2.9 kVA	2.9 kVA									M2C-14
M2C-15	HP-4.05	(3)#12 + #12GW - 3/4"C	3	15 A			2.9 kVA	2.9 kVA			15 A	3	(3)#12 + #12GW - 3/4"C	HP-4.06	M2C-16
M2C-17									2.9 kVA	2.9 kVA					M2C-18
M2C-19					2.9 kVA	2.7 kVA									M2C-20
M2C-21	HP-4.07	(3)#12 + #12GW - 3/4"C	3	15 A			2.9 kVA	2.7 kVA			15 A	3	(3)#12 + #12GW - 3/4"C	HP-4.08	M2C-22
M2C-23									2.9 kVA	2.7 kVA					M2C-24
M2C-25					2.7 kVA	2.7 kVA									M2C-26
M2C-27	HP-4.09	(3)#12 + #12GW - 3/4"C	3	15 A			2.7 kVA	2.7 kVA			15 A	3	(3)#12 + #12GW - 3/4"C	HP-4.10	M2C-28
M2C-29									2.7 kVA	2.7 kVA					M2C-30
M2C-31					2.7 kVA	2.7 kVA									M2C-32
M2C-33	HP-4.11	(3)#12 + #12GW - 3/4"C	3	15 A			2.7 kVA	2.7 kVA			15 A	3	(3)#12 + #12GW - 3/4"C	HP-4.12	M2C-34
M2C-35									2.7 kVA	2.7 kVA					M2C-36
M2C-37					2.7 kVA	2.1 kVA									M2C-38
M2C-39	HP-4.13	(3)#12 + #12GW - 3/4"C	3	15 A			2.7 kVA	2.1 kVA			15 A	3	(3)#12 + #12GW - 3/4"C	HP-4.14	M2C-40
M2C-41									2.7 kVA	2.1 kVA					M2C-42
M2C-43	HP-4.15	(2)#12 + #12GW - 3/4"C	1	15 A	2.7 kVA	3.7 kVA									M2C-44
M2C-45	HP-4.17	(2)#12 + #12GW - 3/4"C	1	15 A			2.5 kVA	3.7 kVA			20 A	3	(3)#12 + #12GW - 3/4"C	HP-4.16	M2C-46
M2C-47									3.5 kVA	3.7 kVA					M2C-48
M2C-49	HP-4.18	(3)#12 + #12GW - 3/4"C	3	15 A	3.5 kVA	3.5 kVA									M2C-50
M2C-51							3.5 kVA	3.5 kVA			15 A	3	(3)#12 + #12GW - 3/4"C	HP-4.19	M2C-52
M2C-53	HP-5.01	(2)#12 + #12GW - 3/4"C	1	15 A					2.7 kVA	3.5 kVA					M2C-54
M2C-55	HP-5.02	(2)#12 + #12GW - 3/4"C	1	15 A	1.5 kVA	2.7 kVA					15 A	1	(2)#12 + #12GW - 3/4"C	HP-5.03	M2C-56
M2C-57								3.3 kVA							M2C-58
M2C-59										3.3 kVA	20 A	3	(3)#12 + #12GW - 3/4"C	ECUH-10, 11, 12	M2C-60
M2C-61						3.3 kVA									M2C-62
M2C-63															M2C-64
M2C-65															M2C-66
M2C-67															M2C-68
M2C-69															M2C-70
M2C-71															M2C-72
M2C-73															M2C-74
M2C-75															M2C-76
M2C-77															M2C-78
M2C-79															M2C-80
M2C-81															M2C-82
M2C-83															M2C-84
		Total Connected Load:	168.1...		58.9 kVA		54.5 kVA		54.7 kVA						

Legend:

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	PANELBOARD TOTALS	
REC -	0.0 kVA	0.00%	0.0 kVA	**Total Conn. Load:**	168.1 kVA
MECHANICAL -	168.1 kVA	100.00%	168.1 kVA	**Total Est. Demand:**	168.1 kVA
LTG. -	0.0 kVA	0.00%	0.0 kVA	**Total Conn.:**	202 A
EQUIPMENT -	0.0 kVA	0.00%	0.0 kVA	**Total Est. Demand.:**	202 A

Branch Panel: M2B

LOCATION: MECHANICAL B210
SUPPLY FROM: MS-MSB
MOUNTING: Surface
VOLTAGE: 480/277 Wye
PHASE: 3
WIRES: 4
A.I.C. RATING: 42kAIC
MAINS RATING: 225 A
MCB RATING: 225 A
NEUTRAL RATING: 100%

Notes:

CKT	CIRCUIT	WIRE SIZE	P	CB	A		B		C		CB	P	WIRE SIZE	CIRCUIT	CKT
M2B-1					3.5 kVA	3.5 kVA									M2B-2
M2B-3	HP-3.14	(3)#12 + #12GW - 3/4"C	3	20 A			3.5 kVA	3.5 kVA			20 A	3	(3)#12 + #12GW - 3/4"C	HP-3.15	M2B-4
M2B-5									3.5 kVA	3.5 kVA					M2B-6
M2B-7	HP-3.16	(2)#12 + #12GW - 3/4"C	1	15 A	1.5 kVA	1.5 kVA					15 A	1	(2)#12 + #12GW - 3/4"C	HP-3.17	M2B-8
M2B-9							3.5 kVA	4.3 kVA							M2B-10
M2B-11	HP-3.18	(3)#12 + #12GW - 3/4"C	3	15 A					3.5 kVA	4.3 kVA	25 A	3	(3)#10 + #10GW - 3/4"C	HP-3.19	M2B-12
M2B-13					3.5 kVA	4.3 kVA									M2B-14
M2B-15	HP-3.28	(2)#12 + #12GW - 3/4"C	1	15 A			1.4 kVA	2.7 kVA							M2B-16
M2B-17									2.7 kVA	2.7 kVA	15 A	3	(3)#12 + #12GW - 3/4"C	HP-5.04	M2B-18
M2B-19	HP-5.05	(3)#12 + #12GW - 3/4"C	3	15 A	2.7 kVA	2.7 kVA									M2B-20
M2B-21							2.7 kVA	3.5 kVA							M2B-22
M2B-23									3.5 kVA	3.5 kVA	15 A	3	(3)#12 + #12GW - 3/4"C	HP-5.06	M2B-24
M2B-25	HP-5.07	(3)#12 + #12GW - 3/4"C	3	15 A	3.5 kVA	3.5 kVA									M2B-26
M2B-27							3.5 kVA	2.7 kVA			15 A	1	(2)#12 + #12GW - 3/4"C	HP-5.08	M2B-28
M2B-29									2.7 kVA	2.5 kVA	15 A	1	(2)#12 + #12GW - 3/4"C	HP-5.10	M2B-30
M2B-31	HP-5.09	(3)#12 + #12GW - 3/4"C	3	15 A	2.7 kVA	0.0 kVA					20 A	1	--	SPARE	M2B-32
M2B-33							2.7 kVA	0.0 kVA			20 A	1	--	SPARE	M2B-34
M2B-35									3.7 kVA	0.0 kVA	20 A	1	--	SPARE	M2B-36
M2B-37	HP-5.11	(3)#12 + #12GW - 3/4"C	3	20 A	3.7 kVA	0.0 kVA					20 A	1	--	SPARE	M2B-38
M2B-39							3.7 kVA	0.0 kVA			20 A	1	--	SPARE	M2B-40
M2B-41															M2B-42
		Total Connected Load:	110.3...		36.6 kVA		37.6 kVA		36.1 kVA						

Legend:

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	PANELBOARD TOTALS	
REC -	0.0 kVA	0.00%	0.0 kVA	**Total Conn. Load:**	110.3 kVA
MECHANICAL -	110.3 kVA	100.00%	110.3 kVA	**Total Est. Demand:**	110.3 kVA
LTG. -	0.0 kVA	0.00%	0.0 kVA	**Total Conn.:**	133 A
EQUIPMENT -	0.0 kVA	0.00%	0.0 kVA	**Total Est. Demand.:**	133 A

Branch Panel: M2G

LOCATION: ELECTRICAL G211A
SUPPLY FROM: HS-MSB
MOUNTING: Surface
VOLTAGE: 480/277 Wye
PHASE: 3
WIRES: 4
A.I.C. RATING: 42kAIC
MAINS RATING: 150 A
MCB RATING: 125 A
NEUTRAL RATING: 100%

Notes:

CKT	CIRCUIT	WIRE SIZE	P	CB	A		B		C		CB	P	WIRE SIZE	CIRCUIT	CKT
M2G-1					2.7 kVA	2.7 kVA									M2G-2
M2G-3	HP-7.01	(3)#12 + #12GW - 3/4"C	3	15 A			2.7 kVA	2.7 kVA			15 A	3	(3)#12 + #12GW - 3/4"C	HP-7.02	M2G-4
M2G-5									2.7 kVA	2.7 kVA					M2G-6
M2G-7					2.7 kVA	2.1 kVA									M2G-8
M2G-9	HP-7.03	(3)#12 + #12GW - 3/4"C	3	15 A			2.7 kVA	2.1 kVA			15 A	3	(3)#12 + #12GW - 3/4"C	HP-7.04	M2G-10
M2G-11									2.7 kVA	2.1 kVA					M2G-12
M2G-13	HP-7.05	(2)#12 + #12GW - 3/4"C	1	15 A	2.7 kVA	2.1 kVA									M2G-14
M2G-15							2.1 kVA	2.1 kVA			15 A	3	(3)#12 + #12GW - 3/4"C	HP-7.06	M2G-16
M2G-17	HP-7.07	(3)#12 + #12GW - 3/4"C	3	15 A					2.1 kVA	2.1 kVA					M2G-18
M2G-19					2.1 kVA	2.7 kVA					15 A	1	(2)#12 + #12GW - 3/4"C	HP-7.26	M2G-20
M2G-21	HP-7.28	(2)#12 + #12GW - 3/4"C	1	15 A			2.7 kVA	2.7 kVA			15 A	1	(2)#12 + #12GW - 3/4"C	HP-7.27	M2G-22
M2G-23									3.7 kVA	2.7 kVA	15 A	1	(2)#12 + #12GW - 3/4"C	HP-7.30	M2G-24
M2G-25	HP-7.29	(3)#12 + #12GW - 3/4"C	3	20 A	3.7 kVA	0.0 kVA					20 A	1	--	SPARE	M2G-26
M2G-27							3.7 kVA	0.0 kVA			20 A	1	--	SPARE	M2G-28
M2G-29	SPARE	--	1	20 A					0.0 kVA	0.0 kVA	20 A	1	--	SPARE	M2G-30
M2G-31	SPARE	--	1	20 A	0.0 kVA	0.0 kVA					20 A	1	--	SPARE	M2G-32
M2G-33	SPARE	--	1	20 A			0.0 kVA	0.0 kVA			20 A	1	--	SPARE	M2G-34
M2G-35	SPARE	--	1	20 A					0.0 kVA	0.0 kVA	20 A	1	--	SPARE	M2G-36
M2G-37															M2G-38
M2G-39															M2G-40
M2G-41															M2G-42
		Total Connected Load:	67.9...		23.5 kVA		23.5 kVA		20.8 kVA						

Legend:

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	PANELBOARD TOTALS	
REC -	0.0 kVA	0.00%	0.0 kVA	**Total Conn. Load:**	67.9 kVA
MECHANICAL -	67.9 kVA	100.00%	67.9 kVA	**Total Est. Demand:**	67.9 kVA
LTG. -	0.0 kVA	0.00%	0.0 kVA	**Total Conn.:**	82 A
EQUIPMENT -	0.0 kVA	0.00%	0.0 kVA	**Total Est. Demand.:**	82 A

Branch Panel: MPC

LOCATION: MECHANICAL PENTHOUSE C300
SUPPLY FROM: MS-MSB
MOUNTING: Surface
VOLTAGE: 480/277 Wye
PHASE: 3
WIRES: 4
A.I.C. RATING: 42kAIC
MAINS RATING: 800 A
MCB RATING: 800 A
NEUTRAL RATING: 100%

Notes:

CKT	CIRCUIT	WIRE SIZE	P	CB	A		B		C		CB	P	WIRE SIZE	CIRCUIT	CKT
MPC-1					34.4...	35.7 kVA									MPC-2
MPC-3	DOAS-2	(3)#1/0 + #6GW - 1-1/2"C	3	150 A			34.4 kVA	35.7 kVA			175 A	3	(3)#2/0 + #6GW - 2"C	DOAS-3	MPC-4
MPC-5									34.4 kVA	35.7...					MPC-6
MPC-7					27.7...	17.5 kVA									MPC-8
MPC-9	DOAS-4	(3)#1 + #6GW - 1-1/2"C	3	125 A			27.7 kVA	17.5 kVA			80 A	3	(3)#3 + #8GW - 1-1/4"C	DOAS-5	MPC-10
MPC-11									27.7 kVA	17.5...					MPC-12
MPC-13					1.4 kVA	1.3 kVA									MPC-14
MPC-15	F-11, F-19, F-20	(3)#12 + #12GW - 3/4"C	3	20 A			1.4 kVA	1.3 kVA			20 A	3	(3)#12 + #12GW - 3/4"C	F-32, F-33, F-34	MPC-16
MPC-17									1.4 kVA	1.3 kVA					MPC-18
MPC-19					3.3 kVA	3.3 kVA									MPC-20
MPC-21	EUH-1	(3)#12 + #12GW - 3/4"C	3	20 A			3.3 kVA	3.3 kVA			20 A	3	(3)#12 + #12GW - 3/4"C	EUH-2	MPC-22
MPC-23									3.3 kVA	3.3 kVA					MPC-24
MPC-25					7.4 kVA	7.4 kVA									MPC-26
MPC-27	HWG-3	(3)#8 + #10GW - 3/4"C	3	35 A			7.4 kVA	7.4 kVA			35 A	3	(3)#8 + #10GW - 3/4"C	HWG-4	MPC-28
MPC-29									7.4 kVA	7.4 kVA					MPC-30
MPC-31					10.3...	0.6 kVA									MPC-32
MPC-33	HWST-4	(3)#6 + #10GW - 3/4"C	3	50 A			10.3 kVA	0.6 kVA			20 A	3	(3)#12 + #12GW - 3/4"C	RP-2	MPC-34
MPC-35									10.3 kVA	0.6 kVA					MPC-36
MPC-37	SPARE	--	1	20 A	0.0 kVA	0.0 kVA					20 A	1	--	SPARE	MPC-38
MPC-39	SPARE	--	1	20 A			0.0 kVA	0.0 kVA			20 A	1	--	SPARE	MPC-40
MPC-41	SPARE	--	1	20 A					0.0 kVA	0.0 kVA	20 A	1	--	SPARE	MPC-42
MPC-43	SPARE	--	1	20 A	0.0 kVA	0.0 kVA					20 A	1	--	SPARE	MPC-44
MPC-45															MPC-46
MPC-47															MPC-48
MPC-49															MPC-50
MPC-51															MPC-52
MPC-53															MPC-54
		Total Connected Load:	450.8...		150.3 kVA		150.3 kVA		150.3 kVA						

Legend:

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	PANELBOARD TOTALS	
REC -	0.0 kVA	0.00%	0.0 kVA	**Total Conn. Load:**	450.8 kVA
MECHANICAL -	450.8 kVA	100.00%	450.8 kVA	**Total Est. Demand:**	450.8 kVA
LTG. -	0.0 kVA	0.00%	0.0 kVA	**Total Conn.:**	542 A
EQUIPMENT -	0.0 kVA	0.00%	0.0 kVA	**Total Est. Demand.:**	542 A

M1G
M2B
M2G
M2C
MPC

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