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

September 20,2024

CCPS RFP#25-04 – NORTH EAST MIDDLE/HIGH SCHOOL REPLACEMENT PROJECT

ADDENDUM #9

(Previous Addendums 1-6 were issued in original RFP#24-15 and included in the 06A rebid issued bid documents)

This addendum is to provide the pre-bid agenda and attendance list and issued revisions to the contract documents as noted below. Proposers and related parties will be responsible for reading and understanding 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.

ITEM No. 1 C**ONTRACT DRAWINGS AND SPECIFICATIONS- Post general bid issued.**

1. **ASI 01 and PR01 – reprint of drawings**

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.**

AIA® Document G710™ – 2017

Architect's Supplemental Instructions

PROJECT: *(name and address)* North East Middle/High School Cecil County Maryland	**CONTRACT INFORMATION:** Contract For: General Construction Date:	**ASI INFORMATION:** ASI Number: 001 Date: August 9, 2024
OWNER: *(name and address)* Cecil County Public Schools George Washington Carver Center, 201 Booth Street, Elkton, MD 21921	**ARCHITECT:** *(name and address)* Grimm + Parker Architecture Inc. 11720 Beltsville Drive Suite 600 Calverton, MD 20705	**CONTRACTOR:** *(name and address)* Multiple Prime Contractors Via HESS Construction Company LLC

The Contractor shall carry out the Work in accordance with the following supplemental instructions without change in Contract Sum or Contract Time. Proceeding with the Work in accordance with these instructions indicates your acknowledgment that there will be no change in the Contract Sum or Contract Time.
(Insert a detailed description of the Architect's supplemental instructions and, if applicable, attach or reference specific exhibits.)
For LEED compliance revise hardware types for doors A157 and A162 and,
relocate thermostat from Office A137 to A140.
All as per attached narrative and revised drawings listed below.

Revised Drawings
A306- DOOR SCHEDULE
M101A - LEVEL 01 AREA A PARTIAL FLOOR PLAN

ISSUED BY THE ARCHITECT:

Grimm + Parker Architecture Inc.
ARCHITECT *(Firm name)*

SIGNATURE

Paul Bradshaw, Principal
PRINTED NAME AND TITLE

August 9 2024
DATE

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User Notes:
(3B9ADA41)

July 15, 2024

PROJECT NAME North East Middle & High School
PSC # 07.044.23 / BTL
ASI. 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 Supplementary Instruction includes clarifications to the Contract Documents. The information includes the following:

DRAWING ITEMS:

ARCHITECTURAL

ITEM NO. A1 SHEET A306 – DOOR SCHEDULE

Revise sheet A306A per attached reissued sheet:
REVISE Doors A157, A162, revise hardware type.

MECHANICAL

ITEM NO. M1 SHEET M101A – LEVEL 01 AREA A PARTIAL FLOOR PLAN

Revise sheet M101A per attached reissued sheet:
REVISE Thermostat location from HS SCHOOL COUNSELOR OFFICE A137 to Hs OUTSIDE AGENCY INTERVENTION A140.

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DOOR #	DOOR NOMINAL SIZE WIDTH	HEIGHT	THK.	FRAME TYPE	MATL	MATL	TYPE	SECTIONS JAMB	HEAD	SILL	DOOR LABEL FIRE RATING	HARDWARE SET	REMARKS
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	1,2,22,23
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	-		812	ASI
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	-		812	ASI
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

DOOR #	DOOR NOMINAL SIZE WIDTH	HEIGHT	THK.	FRAME TYPE	MATL	MATL	TYPE	SECTIONS JAMB	HEAD	SILL	DOOR LABEL FIRE RATING	HARDWARE SET	REMARKS
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	25
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	25
B105	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	03	J1/J5	H1	-		515	25
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	10,25
B107B	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	01	J1	H1	S1		515	25
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	25
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	25
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	25
B208A	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	03	J1/J5	H1	-	45 MIN.	511	1,25
B208B	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	02	J1/J5	H1	-	45 MIN.	511	1,25
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	25
B212A	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	02	J1/J5	H1	-	45 MIN.	511	1,25
B212B	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	03	J1/J5	H1	-	45 MIN.	511	1,25
C001	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	03	J1/J5	H1	-		515	25
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	25
C002B	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	11	J1/J5	H1	-		515	25
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	25
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	25
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	25
C013A	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	02	J1/J5	H1	-	45 MIN.	511	1,25
C013B	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	03	J1/J5	H1	-	45 MIN.	511	1,25
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	1,14,25
C016B	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	02	J1/J5	H1	-	45 MIN.	511	1,25
C017A	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	03	J1/J5	H1	-	45 MIN.	511	1,25
C017B	3' - 0"	7' - 0"	1 3/4"	F	SCWD	HM	02	J1/J5	H1	-	45 MIN.	511	1,25
C019	3' - 0"	7' - 0"	1 3/4"	HG	SCWD	HM	03	J1/J5	H1	-		513

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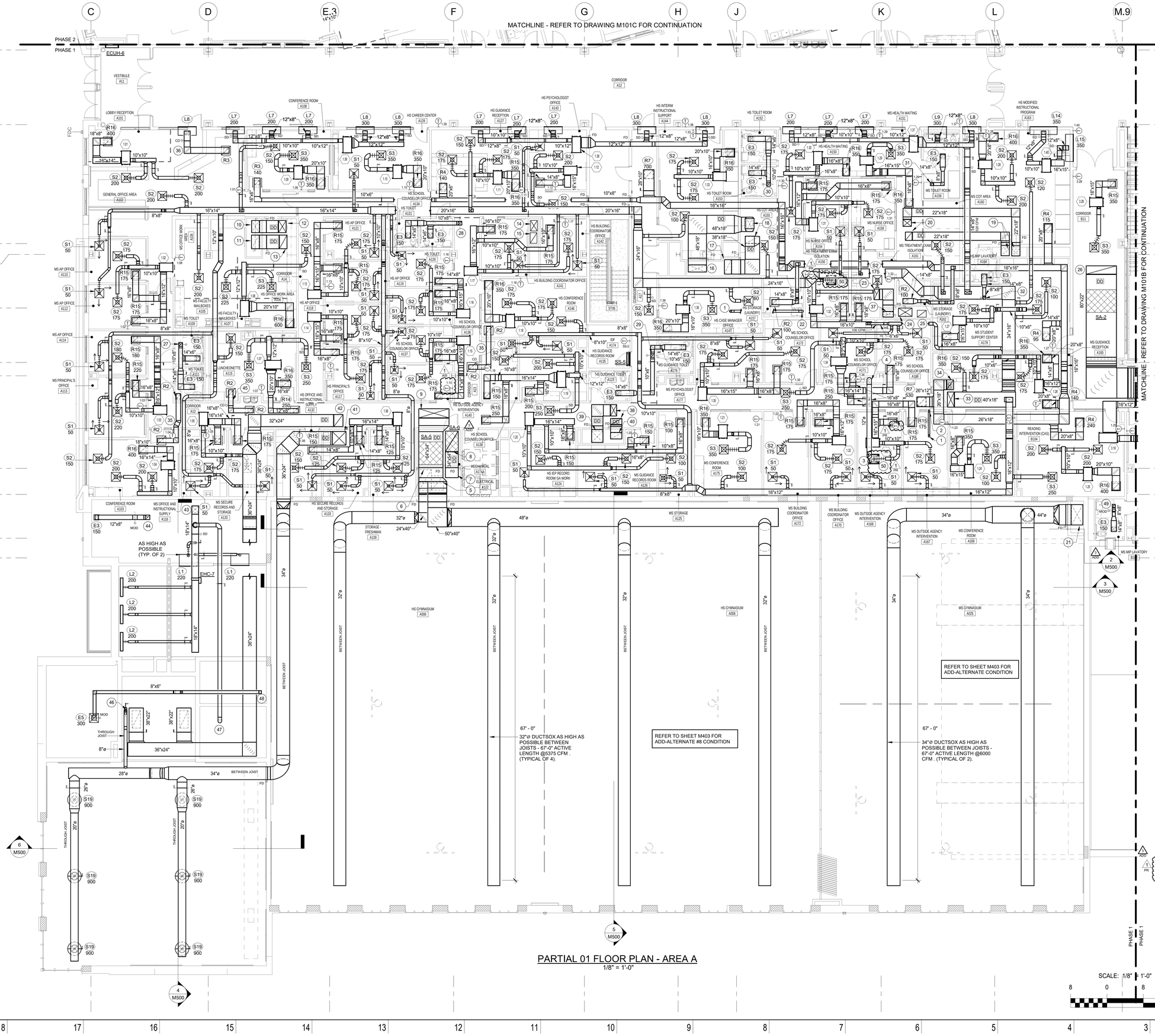


PARTIAL 01 FLOOR PLAN - AREA A

1/8" = 1'-0"

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

8 0 8 16

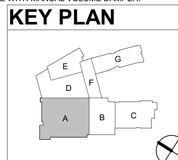
DRAWING NOTES:

1. 4"ø ALUMINUM E/A DUCT UP TO ROOF. REFER TO DWG M105 FOR CONTINUATION.
2. 4"ø ALUMINUM E/A DUCT DN. REFER TO DWG M100A FOR CONTINUATION.
3. 12"ø ALUMINUM E/A DUCT UP TO ROOF. REFER TO DWG M105 FOR CONTINUATION.
4. 12"ø ALUMINUM E/A DUCT DN. REFER TO DWG M100A FOR CONTINUATION.
5. 32"x38" OPEN END R/A DN. REFER TO DW M100 FOR CONTINUATION. PROVIDE 2" THICK SOUNDLINING ON CHASE WALLS.
6. 32"x54" OPEN END R/A DN. REFER TO DW M100 FOR CONTINUATION.
7. 34"x54" OPEN END R/A DUCT.
8. 34"x54" R/A DUCT UP TO RTU-8 FULL SIZE R/A CONNECTION ON ROOF. REFER TO DWG M105 FOR CONTINUATION.
9. 80"x24" S/A DUCT UP TO RTU-8 FULL SIZE S/A CONNECTION ON ROOF. REFER TO DWG M105 FOR CONTINUATION.
10. 20"x32" S/A DUCT DN. REFER TO DWG M100A FOR CONTINUATION.
11. 20"x36" R/A DUCT DN. REFER TO DWG M100A FOR CONTINUATION.
12. 20"x32" S/A DUCT UP TO RTU-6 FULL SIZE S/A CONNECTION ON ROOF. REFER TO DWG M105 FOR CONTINUATION.
13. 20"x36" R/A DUCT UP TO RTU-6 FULL SIZE R/A CONNECTION ON ROOF. REFER TO DWG M105 FOR CONTINUATION.
14. 28"x18" S/A DUCT DN AND UP TO RTU-5 FULL SIZE S/A CONNECTION ON ROOF. REFER TO DWG M100 AND M105 FOR CONTINUATION.
15. 28"x18" R/A DUCT DN AND UP TO RTU-5 FULL SIZE R/A CONNECTION ON ROOF. REFER TO DWG M100 AND M105 FOR CONTINUATION.
16. 48"x18" S/A DUCT DN. REFER TO DWG M100A FOR CONTINUATION.
17. 38"x18" R/A DUCT DN. REFER TO DWG M100A FOR CONTINUATION.
18. 38"x18" S/A & R/A DUCT UP TO RTU-4 FULL SIZE S/A CONNECTION ON ROOF. REFER TO DWG M105 FOR CONTINUATION.
19. 22"x18" S/A AND R/A DUCT DN. REFER TO DWG M100A FOR CONTINUATION.
20. 22"x18" S/A AND R/A DUCT UP TO RTU-3 FULL SIZE UNIT CONNECTION. REFER TO DWG M105 FOR CONTINUATION.
21. 54"x30" S/A DUCT DN. REFER TO DWG M100 FOR CONTINUATION.
22. 4"ø ALUMINUM E/A DUCT DN TO DRYER FULL SIZE CONNECTION VENT BOX (BASED ON GUY GRAY DRYERBOX).
23. 28"x14" E/A DUCT UP TO RTU-12 FULL SIZE E/A CONNECTION ON ROOF. REFER TO DWG M105 FOR CONTINUATION.
24. 36"x22" S/A DUCT UP TO RTU-12 FULL SIZE S/A CONNECTION ON ROOF. REFER TO DWG M105 FOR CONTINUATION.
25. 24"x18" R/A DUCT UP, OFFSET IN CURB TO RTU-12 FULL SIZE R/A CONNECTION ON ROOF. REFER TO DWG M105 FOR CONTINUATION.
26. 80"x22" R/A DUCT UP TO RTU-2 FULL SIZE R/A CONNECTION ON ROOF. REFER TO DWG M105 FOR CONTINUATION.
27. 10"x10" E/A DUCT UP W/MOD TO F-49 ON ROOF.
28. 10"x10" E/A DUCT UP W/MOD TO F-50 ON ROOF.
29. 10"x10" E/A DUCT UP W/MOD TO F-51 ON ROOF.
30. 10"x10" E/A DUCT UP W/MOD TO F-52 ON ROOF.
31. 8"x8" E/A DUCT UP W/MOD TO F-53 ON ROOF.
32. 8"x8" E/A DUCT UP W/MOD TO F-54 ON ROOF.
33. 40"x18" S/A DUCT UP TO DOAS-1 ON ROOF.
34. 26"x18" R/A DUCT UP TO DOAS-1 ON ROOF.
35. 12"x10" SOUNDLINED TRANSFER AIR DUCT.
36. 16"x10" SOUNDLINED TRANSFER AIR DUCT.
37. 28"x14" E/A DUCT DN. REFER TO DWG MM100A FOR CONTINUATION.
38. 30"x16" S/A AND R/A DUCT UP TO RTU-9 FULL SIZE S/A AND R/A CONNECTION ON ROOF. REFER TO DWG M105 FOR CONTINUATION.
39. 30"x30" S/A DUCT DN. REFER TO DWG M100A FOR CONTINUATION.
40. 30"x16" R/A DUCT DN. REFER TO DWG M100A FOR CONTINUATION.
41. 36"x36" S/A DUCT UP TO RTU-10 FULL SIZE CONNECTION ON ROOF. REFER TO DWG M105 FOR CONTINUATION.
42. 32"x24" R/A DUCT UP TO RTU-10 FULL SIZE CONNECTION ON ROOF. REFER TO DWG M105 FOR CONTINUATION.
43. 18"x18" S/A DUCT DN. REFER TO DWG M100A FOR CONTINUATION.
44. 12"x12" E/A DUCT UP TO F-24 ON ROOF. REFER TO DWG M105 FOR CONTINUATION.
45. 12"x8" SOUNDLINED TRANSFER AIR DUCT.
46. 8"ø S/A DUCT DN. TRANSITION TO 18"x6" IN VERTICAL. REFER TO DWG M100A FOR CONTINUATION.
47. 10"ø S/A DUCT DN. REFER TO DWG M100A FOR CONTINUATION.
48. 8"x6" E/A DUCT DN. REFER TO DWG M100A FOR CONTINUATION.
49. 8"x8" E/A DUCT UP W/MOD TO F-78 ON ROOF.
50. VAV SQUARE SUPPLY AIR DIGITAL DIFFUSER. 8"ø NECK @175 CFM WITH LCD THERMOSTAT. PRICE PRODIGY MODEL PPD.

GENERAL NOTES:

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

KEY PLAN



ALBAN ENGINEERING, INC
303 INTERNATIONAL CIRCLE, SUITE 450
HUNT VALLEY, MD 21030 410.842.5411
WWW.ALBANENGINEERING.COM
P.N. 21035

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"PROFESSIONAL CERTIFICATION. I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE No. 45251 EXPIRATION DATE: 04-05-2024"

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

G+P GRIMM + PARKER ARCHITECTS

GP #22105

LEVEL 01 AREA A PARTIAL FLOOR PLAN

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

DATE	DESCRIPTION
3/25/2024	ADDENDUM #3
7/15/2024	PR 01
7/15/2024	ASI 01

M101A

12/22/2023
BID SET

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AIA® Document G709™ – 2018

Proposal Request

PROJECT: *(name and address)* North East Middle/High School Cecil County Maryland	**CONTRACT INFORMATION:** Contract For: General Construction Date:	Architect's Project Number: 22105.00 Proposal Request Number: 001 Proposal Request Date: August 9 , 2024
OWNER: *(name and address)* Cecil County Public Schools George Washington Carver Center, 201 Booth Street, Elkton, MD 21921	**ARCHITECT:** *(name and address)* Grimm + Parker Architecture Inc. 11720 Beltsville Drive Suite 600 Calverton, MD 20705	**CONTRACTOR:** *(name and address)* Multiple Prime Contractors Via: HESS Construction Co (Construction Manager)

The Owner requests an itemized proposal for changes to the Contract Sum and Contract Time for proposed modifications to the Contract Documents described herein. The Contractor shall submit this proposal within Seven (7) days or notify the Architect in writing of the anticipated date of submission.

(Insert a detailed description of the proposed modifications to the Contract Documents and, if applicable, attach or reference specific exhibits.)

Revisions to Mechanical and electrical drawings to coordinate with LEED requirements. Revsions are as per attached narrative and attached revised sheets dated 7/15/2024

Revised Sheets:
M101A – LEVEL 01 AREA A PARTIAL FLOOR PLAN,
M103GA – LEVEL 03 AREA G PARTIAL FLOOR PLAN,
E201A – LEVEL 01 AREA A PARTIAL FLOOR PLAN – POWER
E203G – LEVEL 03 AREA G PARTIAL FLOOR PLAN – POWER
E713 – PANEL SCHEDULES
E715 – PANEL SCHEDULES

THIS IS NOT A CHANGE ORDER, A CONSTRUCTION CHANGE DIRECTIVE, OR A DIRECTION TO PROCEED WITH THE WORK DESCRIBED IN THE PROPOSED MODIFICATIONS.

REQUESTED BY THE ARCHITECT:

Paul Bradshaw, ALEP, Principal
PRINTED NAME AND TITLE

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User Notes: (3B9ADA4C)

July, 15, 2024

PROJECT NAME North East Middle & High School
PSC # 07.044.23 / BTL
PR. 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 Proposal Request includes changes and clarifications to the Contract Documents. The information includes the following:

DRAWING ITEMS:

MECHANICAL

ITEM NO. M1 SHEET M101A – LEVEL 01 AREA A PARTIAL FLOOR PLAN

Revise sheet M101A per attached reissued sheet:

REVISE S2-175 cfm diffuser to VAV digital diffuser-175 cfm in HS treatment A156
ADD Thermostat associated with VAV digital diffuser in HS treatment A156

REVISE S2-175 cfm diffuser to VAV digital diffuser-175 cfm in MS OUTIDE AGEENCY INTERVENTION A168
ADD Thermostat associated with VAV digital diffuser in MS OUTIDE AGEENCY INTERVENTION A168

ADD Drawing note Bubble 50. VAV SQUARE SUPPLY AIR DIGITAL DIFFUSER. 8"⌀ NECK @175 CFM WITH LCD THERMOSTAT. PRICE PRODIGY MODEL PPD.

ITEM NO. M2 SHEET M103GA – LEVEL 03 AREA G PARTIAL FLOOR PLAN

Revise sheet M103G per attached reissued sheet:

ADD R2-170 grille and associated duct work in Chemistry Prep Room G312 with volume damper to 36”x16” R/A duct.

REVISE 26”x8” R/A duct to 32”x8”.
REVISE 15”x8” R/A duct to 24”x8” R/A.

ADD R2-170 grille and associated duct in Chemical storage G319 with volume damper to 32”x8” R/A duct.

ADD Drawing note Bubble 70. 24”x8” R/A DUCT UP W/FD. TRANSITION TO 15”x8” IN VERTICAL. REFER TO DWG M302G FOR CONTINUATION.

REVISE S3-350 cfm diffuser to VAV digital diffuser-350 cfm in Physics Prep room G321.
REVISE 10”⌀ connection with volume damper to digital diffuser to 12”⌀ with 12⌀” volume damper in Physics Prep room G321.
ADD Thermostat associated with VAV digital diffuser in in Physics Prep room G321.

ADD Drawing note Bubble 71. VAV SQUARE SUPPLY AIR DIGITAL DIFFUSER. 12"Ø NECK @350 CFM WITH LCD THERMOSTAT. PRICE PRODIGY MODEL PPD.

ELECTRICAL

ITEM NO. E1 SHEET E201A – LEVEL 01 AREA A PARTIAL FLOOR PLAN – POWER

Revise sheet E201A per attached reissued sheet:

ADD Circuit for digital diffuser in HS treatment A156 & MS OUTIDE AGEENCY INTERVENTION A168.

ADD Drawing note 10 indicating to provide appropriate transformer for digital diffuser.

ITEM NO. E2 SHEET E203G – LEVEL 03 AREA G PARTIAL FLOOR PLAN – POWER

Revise sheet E203G per attached reissued sheet:

ADD Circuit for digital diffuser in Physics Prep room G321

ADD Drawing note 12 indicating to provide appropriate transformer for digital diffuser.

ITEM NO. E3 SHEET E713 – PANEL SCHEDULES

Revise sheet E713 per attached reissued sheet:

ADD Circuit for digital diffuser in Panel R1A.

ITEM NO. E4 SHEET E715 – PANEL SCHEDULES

Revise sheet E715 per attached reissued sheet:

ADD Circuit for digital diffuser in Panel R3G.

****

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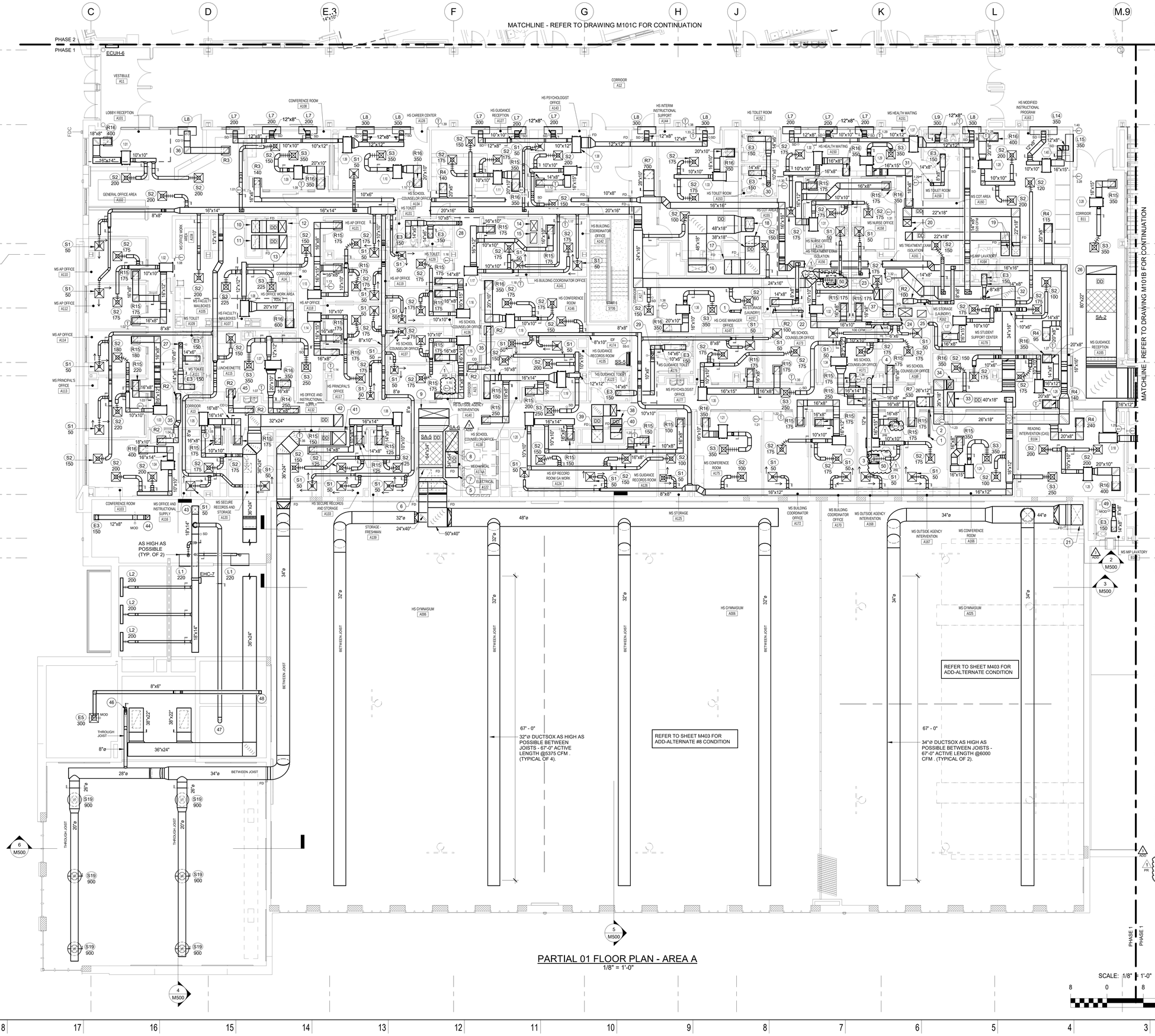


PARTIAL 01 FLOOR PLAN - AREA A

1/8" = 1'-0"

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

8 0 8 16

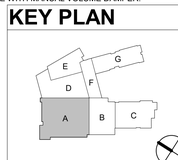
DRAWING NOTES:

1. 4"ø ALUMINUM E/A DUCT UP TO ROOF. REFER TO DWG M105 FOR CONTINUATION.
2. 4"ø ALUMINUM E/A DUCT DN. REFER TO DWG M100A FOR CONTINUATION.
3. 12"ø ALUMINUM E/A DUCT UP TO ROOF. REFER TO DWG M105 FOR CONTINUATION.
4. 12"ø ALUMINUM E/A DUCT DN. REFER TO DWG M100A FOR CONTINUATION.
5. 32"x38" OPEN END R/A DN. REFER TO DW M100 FOR CONTINUATION. PROVIDE 2" THICK SOUNDLINING ON CHASE WALLS.
6. 32"x54" OPEN END R/A DN. REFER TO DW M100 FOR CONTINUATION.
7. 34"x54" OPEN END R/A DUCT.
8. 34"x54" R/A DUCT UP TO RTU-8 FULL SIZE R/A CONNECTION ON ROOF. REFER TO DWG M105 FOR CONTINUATION.
9. 80"x24" S/A DUCT UP TO RTU-8 FULL SIZE S/A CONNECTION ON ROOF. REFER TO DWG M105 FOR CONTINUATION.
10. 20"x32" S/A DUCT DN. REFER TO DWG M100A FOR CONTINUATION.
11. 20"x36" R/A DUCT DN. REFER TO DWG M100A FOR CONTINUATION.
12. 20"x32" S/A DUCT UP TO RTU-6 FULL SIZE S/A CONNECTION ON ROOF. REFER TO DWG M105 FOR CONTINUATION.
13. 20"x36" R/A DUCT UP TO RTU-6 FULL SIZE R/A CONNECTION ON ROOF. REFER TO DWG M105 FOR CONTINUATION.
14. 28"x18" S/A DUCT DN AND UP TO RTU-5 FULL SIZE S/A CONNECTION ON ROOF. REFER TO DWG M100 AND M105 FOR CONTINUATION.
15. 28"x18" R/A DUCT DN AND UP TO RTU-5 FULL SIZE R/A CONNECTION ON ROOF. REFER TO DWG M100 AND M105 FOR CONTINUATION.
16. 48"x18" S/A DUCT DN. REFER TO DWG M100A FOR CONTINUATION.
17. 38"x18" R/A DUCT DN. REFER TO DWG M100A FOR CONTINUATION.
18. 38"x18" S/A & R/A DUCT UP TO RTU-4 FULL SIZE S/A CONNECTION ON ROOF. REFER TO DWG M105 FOR CONTINUATION.
19. 22"x18" S/A AND R/A DUCT DN. REFER TO DWG M100A FOR CONTINUATION.
20. 22"x18" S/A AND R/A DUCT UP TO RTU-3 FULL SIZE UNIT CONNECTION. REFER TO DWG M105 FOR CONTINUATION.
21. 54"x30" S/A DUCT DN. REFER TO DWG M100 FOR CONTINUATION.
22. 4"ø ALUMINUM E/A DUCT DN TO DRYER FULL SIZE CONNECTION VENT BOX (BASED ON GUY GRAY DRYERBOX).
23. 28"x14" E/A DUCT UP TO RTU-12 FULL SIZE E/A CONNECTION ON ROOF. REFER TO DWG M105 FOR CONTINUATION.
24. 36"x22" S/A DUCT UP TO RTU-12 FULL SIZE S/A CONNECTION ON ROOF. REFER TO DWG M105 FOR CONTINUATION.
25. 24"x18" R/A DUCT UP, OFFSET IN CURB TO RTU-12 FULL SIZE R/A CONNECTION ON ROOF. REFER TO DWG M105 FOR CONTINUATION.
26. 80"x22" R/A DUCT UP TO RTU-2 FULL SIZE R/A CONNECTION ON ROOF. REFER TO DWG M105 FOR CONTINUATION.
27. 10"x10" E/A DUCT UP W/MOD TO F-49 ON ROOF.
28. 10"x10" E/A DUCT UP W/MOD TO F-50 ON ROOF.
29. 10"x10" E/A DUCT UP W/MOD TO F-51 ON ROOF.
30. 10"x10" E/A DUCT UP W/MOD TO F-52 ON ROOF.
31. 8"x8" E/A DUCT UP W/MOD TO F-53 ON ROOF.
32. 8"x8" E/A DUCT UP W/MOD TO F-54 ON ROOF.
33. 40"x18" S/A DUCT UP TO DOAS-1 ON ROOF.
34. 26"x18" R/A DUCT UP TO DOAS-1 ON ROOF.
35. 12"x10" SOUNDLINED TRANSFER AIR DUCT.
36. 16"x10" SOUNDLINED TRANSFER AIR DUCT.
37. 28"x14" E/A DUCT DN. REFER TO DWG MM100A FOR CONTINUATION.
38. 30"x16" S/A AND R/A DUCT UP TO RTU-9 FULL SIZE S/A AND R/A CONNECTION ON ROOF. REFER TO DWG M105 FOR CONTINUATION.
39. 30"x30" S/A DUCT DN. REFER TO DWG M100A FOR CONTINUATION.
40. 30"x16" R/A DUCT DN. REFER TO DWG M100A FOR CONTINUATION.
41. 36"x36" S/A DUCT UP TO RTU-10 FULL SIZE CONNECTION ON ROOF. REFER TO DWG M105 FOR CONTINUATION.
42. 32"x24" R/A DUCT UP TO RTU-10 FULL SIZE CONNECTION ON ROOF. REFER TO DWG M105 FOR CONTINUATION.
43. 18"x18" S/A DUCT DN. REFER TO DWG M100A FOR CONTINUATION.
44. 12"x12" E/A DUCT UP TO F-24 ON ROOF. REFER TO DWG M105 FOR CONTINUATION.
45. 12"x8" SOUNDLINED TRANSFER AIR DUCT.
46. 8"ø S/A DUCT DN. TRANSITION TO 18"x6" IN VERTICAL. REFER TO DWG M100A FOR CONTINUATION.
47. 10"ø S/A DUCT DN. REFER TO DWG M100A FOR CONTINUATION.
48. 8"x6" E/A DUCT DN. REFER TO DWG M100A FOR CONTINUATION.
49. 8"x8" E/A DUCT UP W/MOD TO F-78 ON ROOF.
50. VAV SQUARE SUPPLY AIR DIGITAL DIFFUSER. 8"ø NECK @175 CFM WITH LCD THERMOSTAT. PRICE PRODIGY MODEL PPD.

GENERAL NOTES:

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

KEY PLAN



ALBAN ENGINEERING, INC
303 INTERNATIONAL CIRCLE, SUITE 450
HUNT VALLEY, MD 21030 410.842.5411
WWW.ALBANENGINEERING.COM
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11720 Beltsville Drive
Suite 600
Calverton, MD 20705
Tel: 301.595.1000
www.grimmandparker.com

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GP #22105

LEVEL 01 AREA A PARTIAL FLOOR PLAN

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

DATE	DESCRIPTION
3/25/2024	ADDENDUM #3
7/15/2024	PR 01
7/15/2024	ASI 01

M101A

12/22/2023
BID SET

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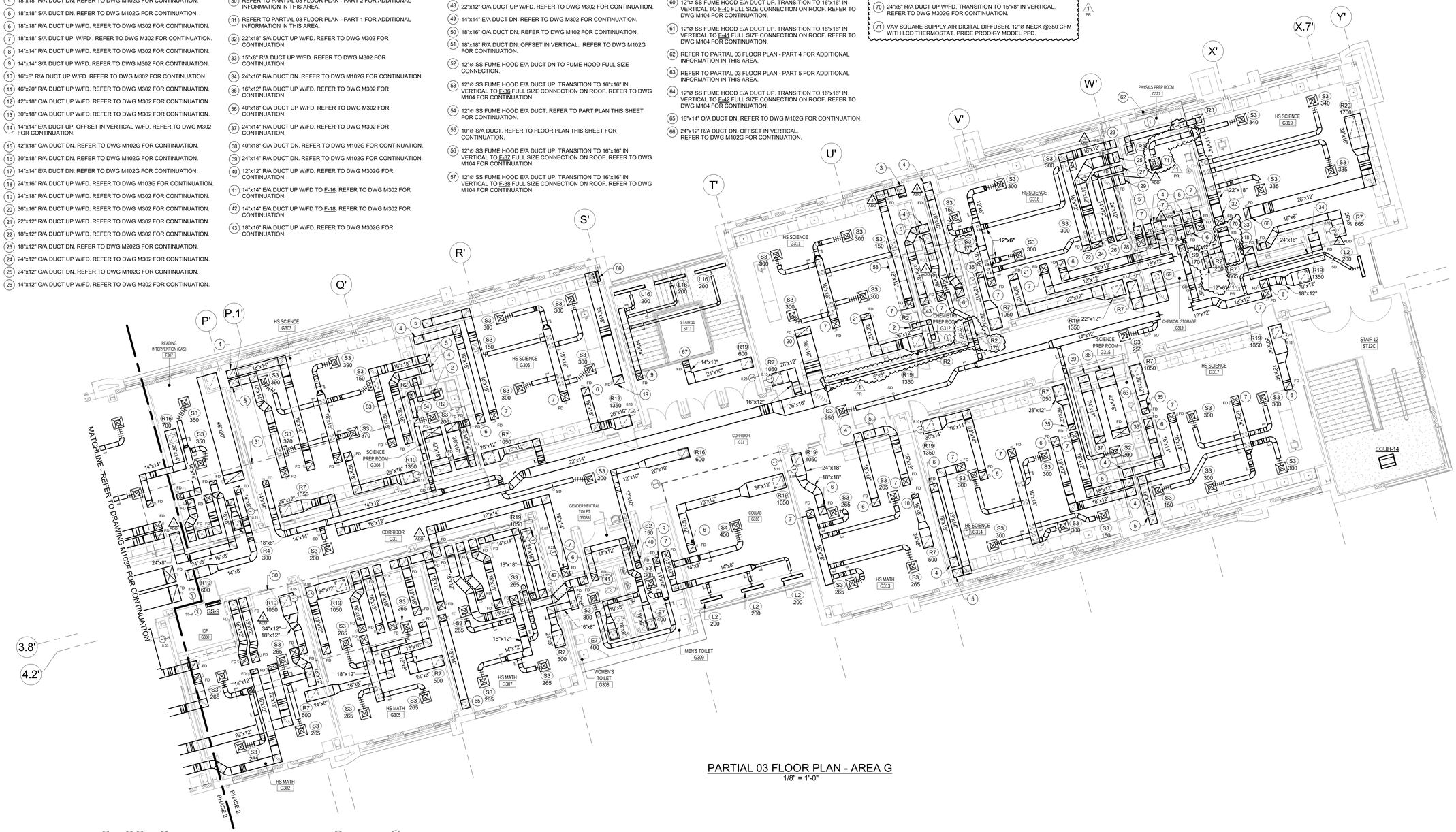
DRAWING NOTES:

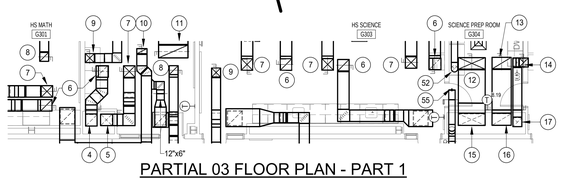
1. 12"x12" SOUNDLINED TRANSFER AIR DUCT.
2. 10"x10" SOUNDLINED TRANSFER AIR DUCT.
3. 18"x18" S/A DUCT DN. TRANSITION IN VERTICAL W/FD. REFER TO DWG M102G FOR CONTINUATION.
4. 18"x18" R/A DUCT DN. REFER TO DWG M102G FOR CONTINUATION.
5. 18"x18" S/A DUCT DN. REFER TO DWG M102G FOR CONTINUATION.
6. 18"x18" R/A DUCT UP W/FD. REFER TO DWG M302 FOR CONTINUATION.
7. 18"x18" S/A DUCT UP W/FD . REFER TO DWG M302 FOR CONTINUATION.
8. 14"x14" R/A DUCT UP W/FD. REFER TO DWG M302 FOR CONTINUATION.
9. 14"x14" S/A DUCT UP W/FD. REFER TO DWG M302 FOR CONTINUATION.
10. 16"x8" R/A DUCT UP W/FD. REFER TO DWG M302 FOR CONTINUATION.
11. 46"x20" R/A DUCT UP W/FD. REFER TO DWG M302 FOR CONTINUATION.
12. 42"x18" O/A DUCT UP W/FD. REFER TO DWG M302 FOR CONTINUATION.
13. 30"x18" O/A DUCT UP W/FD. REFER TO DWG M302 FOR CONTINUATION.
14. 14"x14" E/A DUCT UP. OFFSET IN VERTICAL W/FD. REFER TO DWG M302 FOR CONTINUATION.
15. 42"x18" O/A DUCT DN. REFER TO DWG M102G FOR CONTINUATION.
16. 30"x18" R/A DUCT DN. REFER TO DWG M102G FOR CONTINUATION.
17. 14"x14" E/A DUCT DN. REFER TO DWG M102G FOR CONTINUATION.
18. 24"x16" R/A DUCT UP W/FD. REFER TO DWG M103G FOR CONTINUATION.
19. 24"x18" R/A DUCT UP W/FD. REFER TO DWG M302 FOR CONTINUATION.
20. 36"x16" R/A DUCT UP W/FD. REFER TO DWG M302 FOR CONTINUATION.
21. 22"x12" R/A DUCT UP W/FD. REFER TO DWG M302 FOR CONTINUATION.
22. 18"x12" R/A DUCT UP W/FD. REFER TO DWG M302 FOR CONTINUATION.
23. 18"x12" R/A DUCT DN. REFER TO DWG M202G FOR CONTINUATION.
24. 24"x12" O/A DUCT UP W/FD. REFER TO DWG M302 FOR CONTINUATION.
25. 24"x12" O/A DUCT DN. REFER TO DWG M102G FOR CONTINUATION.
26. 14"x12" O/A DUCT UP W/FD. REFER TO DWG M302 FOR CONTINUATION.
27. 14"x12" O/A DUCT DN. REFER TO DWG M102G FOR CONTINUATION.
28. 24"x12" R/A DUCT UP W/FD. REFER TO DWG M302 FOR CONTINUATION.
29. 24"x12" R/A DUCT DN. REFER TO DWG M102G FOR CONTINUATION.
30. REFER TO PARTIAL 03 FLOOR PLAN - PART 2 FOR ADDITIONAL INFORMATION IN THIS AREA.
31. REFER TO PARTIAL 03 FLOOR PLAN - PART 1 FOR ADDITIONAL INFORMATION IN THIS AREA.
32. 22"x18" S/A DUCT UP W/FD. REFER TO DWG M302 FOR CONTINUATION.
33. 15"x8" R/A DUCT UP W/FD. REFER TO DWG M302 FOR CONTINUATION.
34. 24"x16" R/A DUCT DN. REFER TO DWG M102G FOR CONTINUATION.
35. 16"x12" R/A DUCT UP W/FD. REFER TO DWG M302 FOR CONTINUATION.
36. 40"x18" O/A DUCT UP W/FD. REFER TO DWG M302 FOR CONTINUATION.
37. 24"x14" R/A DUCT UP W/FD. REFER TO DWG M302 FOR CONTINUATION.
38. 40"x18" O/A DUCT DN. REFER TO DWG M102G FOR CONTINUATION.
39. 24"x14" R/A DUCT DN. REFER TO DWG M102G FOR CONTINUATION.
40. 12"x12" R/A DUCT UP W/FD. REFER TO DWG M302G FOR CONTINUATION.
41. 14"x14" E/A DUCT UP W/FD TO F-16. REFER TO DWG M302 FOR CONTINUATION.
42. 14"x14" E/A DUCT UP W/FD TO F-18. REFER TO DWG M302 FOR CONTINUATION.
43. 18"x16" R/A DUCT UP W/FD. REFER TO DWG M302G FOR CONTINUATION.
44. 18"x14" O/A DUCT UP W/FD. REFER TO DWG M302 FOR CONTINUATION.
45. 18"x10" R/A DUCT UP W/FD. REFER TO DWG M302 FOR CONTINUATION.
46. 18"x16" O/A DUCT UP W/FD. REFER TO DWG M302 FOR CONTINUATION.
47. 16"x8" R/A DUCT UP W/FD. REFER TO DWG M302 FOR CONTINUATION.
48. 22"x12" O/A DUCT UP W/FD. REFER TO DWG M302 FOR CONTINUATION.
49. 14"x14" E/A DUCT DN. REFER TO DWG M302 FOR CONTINUATION.
50. 18"x16" O/A DUCT DN. REFER TO DWG M102 FOR CONTINUATION.
51. 18"x18" R/A DUCT DN. OFFSET IN VERTICAL. REFER TO DWG M102G FOR CONTINUATION.
52. 12"ø SS FUME HOOD E/A DUCT DN TO FUME HOOD FULL SIZE CONNECTION.
53. 12"ø SS FUME HOOD E/A DUCT UP. TRANSITION TO 16"x16" IN VERTICAL TO F-36 FULL SIZE CONNECTION ON ROOF. REFER TO DWG M104 FOR CONTINUATION.
54. 12"ø SS FUME HOOD E/A DUCT. REFER TO PART PLAN THIS SHEET FOR CONTINUATION.
55. 10"ø S/A DUCT. REFER TO FLOOR PLAN THIS SHEET FOR CONTINUATION.
56. 12"ø SS FUME HOOD E/A DUCT UP. TRANSITION TO 16"x16" IN VERTICAL TO F-37 FULL SIZE CONNECTION ON ROOF. REFER TO DWG M104 FOR CONTINUATION.
57. 12"ø SS FUME HOOD E/A DUCT UP. TRANSITION TO 16"x16" IN VERTICAL TO F-38 FULL SIZE CONNECTION ON ROOF. REFER TO DWG M104 FOR CONTINUATION.
58. REFER TO PARTIAL 03 FLOOR PLAN - PART 3 FOR ADDITIONAL INFORMATION IN THIS AREA.
59. 12"ø SS FUME HOOD E/A DUCT UP. TRANSITION TO 16"x16" IN VERTICAL TO F-39 FULL SIZE CONNECTION ON ROOF. REFER TO DWG M104 FOR CONTINUATION.
60. 12"ø SS FUME HOOD E/A DUCT UP. TRANSITION TO 16"x16" IN VERTICAL TO F-40 FULL SIZE CONNECTION ON ROOF. REFER TO DWG M104 FOR CONTINUATION.
61. 12"ø SS FUME HOOD E/A DUCT UP. TRANSITION TO 16"x16" IN VERTICAL TO F-41 FULL SIZE CONNECTION ON ROOF. REFER TO DWG M104 FOR CONTINUATION.
62. REFER TO PARTIAL 03 FLOOR PLAN - PART 4 FOR ADDITIONAL INFORMATION IN THIS AREA.
63. REFER TO PARTIAL 03 FLOOR PLAN - PART 5 FOR ADDITIONAL INFORMATION IN THIS AREA.
64. 12"ø SS FUME HOOD E/A DUCT UP. TRANSITION TO 16"x16" IN VERTICAL TO F-42 FULL SIZE CONNECTION ON ROOF. REFER TO DWG M104 FOR CONTINUATION.
65. 18"x14" O/A DUCT DN. REFER TO DWG M102G FOR CONTINUATION.
66. 24"x12" R/A DUCT DN. OFFSET IN VERTICAL. REFER TO DWG M102G FOR CONTINUATION.
67. 14"x10" R/A DUCT UP W/FD. REFER TO DWG M302 FOR CONTINUATION.
68. 26"x12" R/A DUCT UP W/FD. REFER TO DWG M302G FOR CONTINUATION.
69. 24"x10" SOUNLINED TRANSFER AIR DUCT.
70. 24"x8" R/A DUCT UP W/FD. TRANSITION TO 15"x8" IN VERTICAL. REFER TO DWG M302G FOR CONTINUATION.
71. VAV SQUARE SUPPLY AIR DIGITAL DIFFUSER. 12"ø NECK @350 CFM WITH LCD THERMOSTAT. PRICE PRODIGY MODEL PPD.

GENERAL NOTES:

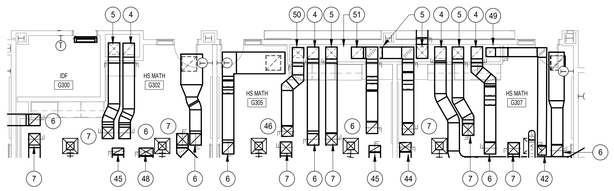
1. ALL WORK IN THIS AREA IS DONE UNDER PHASE 2.
2. ALL AIR DEVICES WITH DESIGNATED CFM SHALL BE PROVIDE WITH MANUAL VOLUME DAMPER.



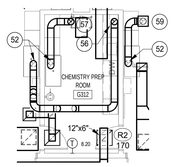
PARTIAL 03 FLOOR PLAN - AREA G
1/8" = 1'-0"



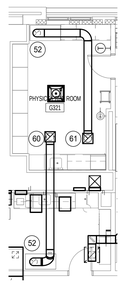
PARTIAL 03 FLOOR PLAN - PART 1
1/8" = 1'-0"



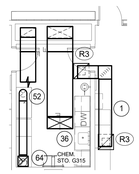
PARTIAL 03 FLOOR PLAN - PART 2
1/8" = 1'-0"



PARTIAL 03 FLOOR PLAN - PART 3
1/8" = 1'-0"



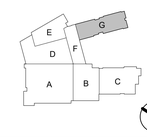
PARTIAL 03 FLOOR PLAN - PART 4
1/8" = 1'-0"



PARTIAL 03 FLOOR PLAN - PART 5
1/8" = 1'-0"

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

KEY PLAN



RLBAN ENGINEERING, INC
303 INTERNATIONAL CIRCLE, SUITE 450
HUNT VALLEY, MD 21030 410.842.6411
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LICENSE No. 46531
EXPIRATION DATE: 06-05-2024*

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

GRIMM + PARKER ARCHITECTS

GP #22105

LEVEL 03 AREA G PARTIAL FLOOR PLAN

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

DATE	DESCRIPTION
3/25/2024	ADDENDUM #3
7/15/2024	PR 01

M103G

12/22/2023
BID SET

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GENERAL NOTES:

1. REFER TO MECHANICAL EQUIPMENT SCHEDULES FOR MORE INFORMATION.

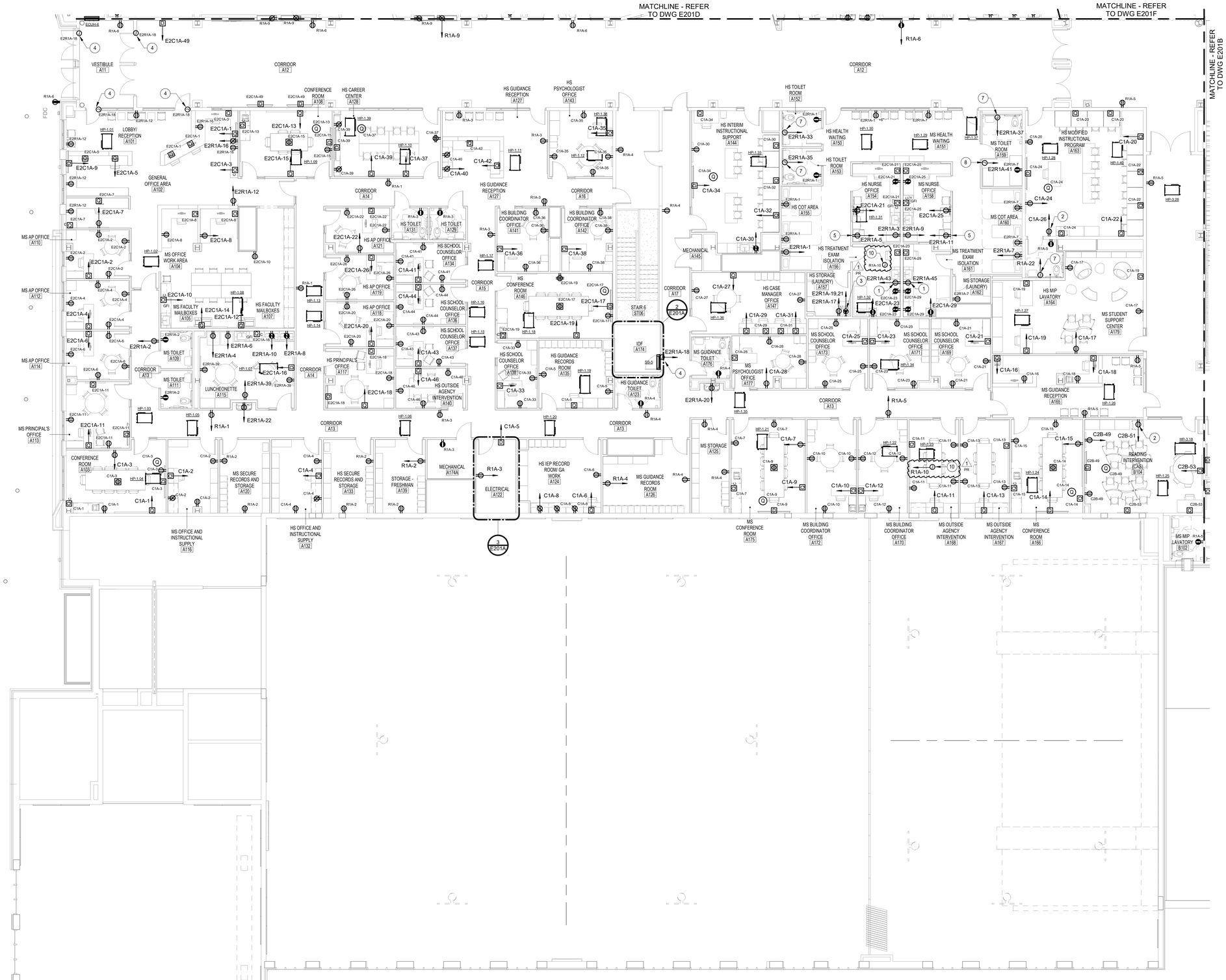
DRAWING NOTES:

1. MOUNT TO SUIT UNDERCOUNTER REFRIGERATOR.
2. MOUNT TO SUIT TECHNOLOGY CART. COORDINATE FINAL LOCATION WITH ARCHITECT.
3. NEMA 6-30R.
4. ACCESS CONTROL POWER SUPPLY.
5. MOUNT TO SUIT ICE MAKER.
6. FIRE ALARM NAC PANEL CIRCUITS. COORDINATE LOCATION WITH FA CONTRACTOR.
7. MOUNT TO SUIT HAND DRYERS.
8. MOUNT TO SUIT CHANGING TABLE CHARGER.
9. L5-20R (TYPICAL FOR DUPLEX RECEPTACLES IN THIS ROOM).
10. PROVIDE 120V/24V TRANSFORMER (OPTION WITH DIGITAL DIFFUSER) AND MAKE ALL CONNECTIONS TO DIGITAL DIFFUSER AS REQUIRED.

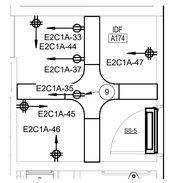
MATCHLINE - REFER TO DWG E201D

MATCHLINE - REFER TO DWG E201F

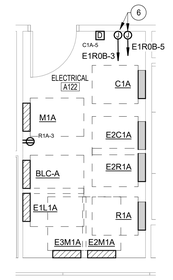
MATCHLINE - REFER TO DWG E201B



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



2 E201A ENLARGED IDF ROOM A174
1/4" = 1'-0"

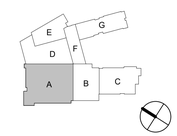


3 E201A ENLARGED ELECTRICAL ROOM A122
1/4" = 1'-0"

SCALE: 1/4" = 1'-0"
4 0 4 8

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

KEY PLAN



RLBAN ENGINEERING, INC
303 INTERNATIONAL CIRCLE, SUITE 450
HUNT VALLEY, MD 21030 410.842.6411
WWW.ALEXANDERLBAN.COM
P.N. 21035

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

GP #22105

LEVEL 01 AREA A PARTIAL FLOOR PLAN - POWER

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

DATE	DESCRIPTION
7/15/2024	PR 01

E201A

12/22/2023
BID SET

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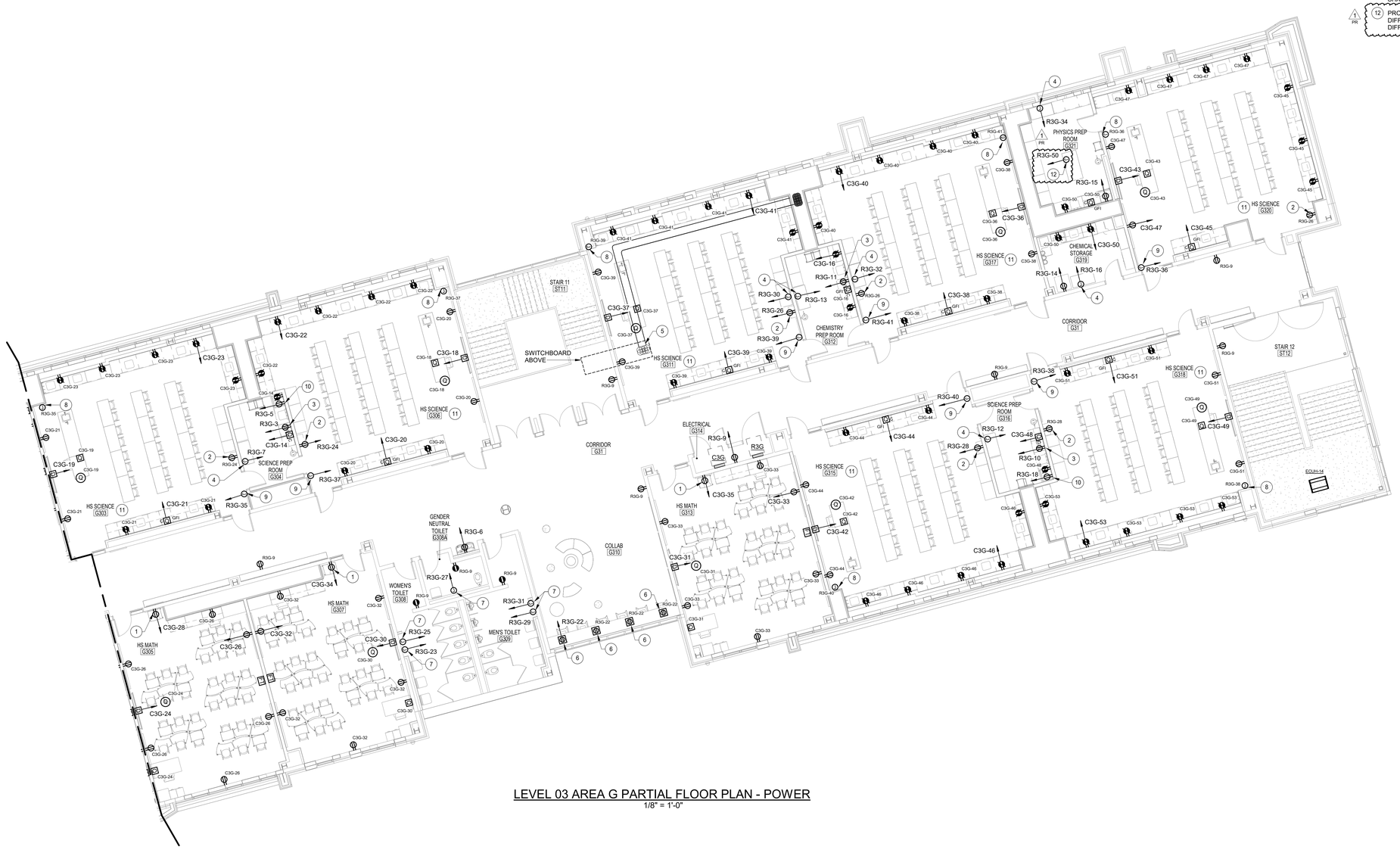
GENERAL NOTES:

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 GOGGLE CABINET.
3. MOUNT TO SUIT DISHWASHER.
4. MOUNT TO SUIT FUME HOOD.
5. PROPOSED HS-MSB FEEDER ROUTING UP TO HS-MSB.
6. MOUNT TO SUIT POWERED WORK COUNTERS. COORDINATE MOUNTING OF DEVICES WITH ARCHITECTURAL DRAWINGS.
7. MOUNT TO SUIT HAND DRYERS.
8. UTILITY SHUT-OFF PANEL. EMERGENCY BUTTON ON PANEL SHALL TURN OFF ALL CIRCUITS IN THIS ROOM.
9. REMOTE UTILITY SHUT-OFF BUTTON. INTERLOCK WITH UTILITY SHUT-OFF PANEL IN THIS ROOM.
10. MOUNT TO UNDERCOUTNER FRIDGE.
11. ALL RECEPTACLES ABOVE CASEWORK IN THIS ROOM SHALL BE MOUNTED HORIZONTALLY IN BACKSPLASH.
12. PROVIDE 120V/24V TRANSFORMER (OPTION WITH DIGITAL DIFFUSER) AND MAKE ALL CONNECTIONS TO DIGITAL DIFFUSER AS REQUIRED.

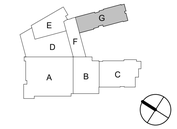
1 PR 1



LEVEL 03 AREA G PARTIAL FLOOR PLAN - POWER
1/8" = 1'-0"

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

KEY PLAN



RLBAN ENGINEERING, INC
303 INTERNATIONAL CIRCLE, SUITE 450
HUNT VALLEY, MD 21030 410.842.6441
WWW.ALBANENGINEERING.COM
P.N. 21035

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11720 Beltsville Drive
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Tel: 301.595.1000
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GP #22105

LEVEL 03 AREA G PARTIAL FLOOR PLAN - POWER

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

DATE	DESCRIPTION
7/15/2024	PR 01

E203G
12/22/2023
BID SET

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Distribution: MS-RDP

Location: ELECTRICAL EQUIPMENT...
Supply From: MS-TRDP (STACKED)
Mounting: Surface
Enclosure: Type 1

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 42kAIC
Mains Type: MCB
Mains Rating: 400 A
MCB Rating: 400 A

Notes:
100% RATED MAIN BREAKER

CKT	Circuit Description	P	FRAME	CB	Wire Size	Load	Remarks
MS-RDP-1	PANEL R0C	3	100 A	100 A	(4)#1/0 + #6GW - 1-1/2"C	23.8 kVA	AL FEEDERS
MS-RDP-2	PANEL R1A	3	100 A	60 A	(4)#4 + #10GW - 1-1/4"C	17.1 kVA	
MS-RDP-3	PANEL R1C	3	150 A	150 A	(4)#4/0 + #2GW - 2"C	46.5 kVA	AL FEEDERS
MS-RDP-4	PANEL R2C	3	100 A	100 A	(4)#1/0 + #6GW - 1-1/2"C	26.5 kVA	AL FEEDERS
MS-RDP-5	PANEL R0F	3	100 A	60 A	(4)#4 + #10GW - 1-1/4"C	9.1 kVA	
MS-RDP-6	PREPARED 100A SPACE	3	--	--		--	
MS-RDP-7	PREPARED 100A SPACE	3	--	--		--	
MS-RDP-8							
MS-RDP-9							
MS-RDP-10							
MS-RDP-11							
MS-RDP-12							
MS-RDP-13							
MS-RDP-14							
MS-RDP-15							
MS-RDP-16							
MS-RDP-17							
MS-RDP-18							
MS-RDP-19							
MS-RDP-20							
	Total Conn. Load:					123.1 kVA	

Legend:

Notes:

Branch Panel: PL-HS

LOCATION: GEOTHERMAL PUMP HOUSE H501
SUPPLY FROM: MS-MSB
MOUNTING: Surface

VOLTAGE: 480/277 Wye
PHASE: 3
WIRES: 4

A.I.C. RATING: 22kAIC
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
PL-HS-1					34.4...	0.0 kVA									PL-HS-2
PL-HS-3	P-3	(3)#3/0 + #6GW - 2"C	3	200 A			34.4 kVA	0.0 kVA			200 A	3	(3)#3/0 + #6GW - 2"C	P-4 (SB)	PL-HS-4
PL-HS-5									34.4 kVA	0.0 kVA					PL-HS-6
PL-HS-7					3.3 kVA	4.2 kVA									PL-HS-8
PL-HS-9	EUH-10	(3)#12 + #12GW - 3/4"C	3	20 A			3.3 kVA	4.2 kVA			20 A	3	(3)#12 + #12GW - 3/4"C	HWG-9	PL-HS-10
PL-HS-11									3.3 kVA	4.2 kVA					PL-HS-12
PL-HS-13					0.6 kVA	0.0 kVA					20 A	1	--	SPARE	PL-HS-14
PL-HS-15	F-61	(3)#12 + #12GW - 3/4"C	3	15 A			0.6 kVA	0.0 kVA			20 A	1	--	SPARE	PL-HS-16
PL-HS-17									0.6 kVA	0.0 kVA	20 A	1	--	SPARE	PL-HS-18
PL-HS-19						0.0 kVA					20 A	1	--	SPARE	PL-HS-20
PL-HS-21															PL-HS-22
PL-HS-23															PL-HS-24
PL-HS-25					1.0 kVA	19.0 kVA									PL-HS-26
PL-HS-27	PANEL PR-HS (VIA XFMR TPR-HS)	REFER TO XFMR SCHEDULE	3	30 A			1.8 kVA	18.7 kVA			100 A	3	(4)#1 + #4GW - 1-1/2"C [AL]	GHL	PL-HS-28
PL-HS-29									1.6 kVA	17.7...					PL-HS-30
	Total Connected Load:		3		187.2...	62.4 kVA		63.0 kVA		61.8 kVA					

Legend:

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	PANELBOARD TOTALS
REC -	4.2 kVA	100.00%	4.2 kVA	**Total Conn. Load:** 187.2 kVA
MECHANICAL -	181.8 kVA	100.00%	181.8 kVA	**Total Est. Demand:** 187.2 kVA
LTG. -	0.0 kVA	0.00%	0.0 kVA	**Total Conn.:** 225 A
EQUIPMENT -	1.2 kVA	100.00%	1.2 kVA	**Total Est. Demand.:** 225 A

Branch Panel: PR-HS

LOCATION: GEOTHERMAL PUMP HOUSE H501
SUPPLY FROM: TPR-HS
MOUNTING: Surface

VOLTAGE: 120/208 Wye
PHASE: 3
WIRES: 4

A.I.C. RATING: 10kAIC
MAINS RATING: 100 A
MCB RATING: 60 A
NEUTRAL RATING: 100%

Notes:

CKT	CIRCUIT	WIRE SIZE	P	CB	A		B		C		CB	P	WIRE SIZE	CIRCUIT	CKT
PR-HS-1	REC - GEO PUMP HOUSE H501	(2)#12 + #12GW - 3/4"C	1	20 A	0.4 kVA	0.4 kVA					20 A	1	(2)#12 + #12GW - 3/4"C	REC GEO PUMP HOUSE H501	PR-HS-2
PR-HS-3	ERCP-4, ERCP-5	(2)#12 + #12GW - 3/4"C	1	20 A			0.6 kVA	1.2 kVA			20 A	1	(2)#12 + #12GW - 3/4"C	GLYCOL FEEDWATER UNIT	PR-HS-4
PR-HS-5	RP-6	(2)#12 + #12GW - 3/4"C	1	20 A					0.2 kVA	1.4 kVA	20 A	1	(2)#12 + #12GW - 3/4"C	REC - ROOM H501, H502, H500	PR-HS-6
PR-HS-7	F-62, F-63	(2)#12 + #12GW - 3/4"C	1	20 A	0.2 kVA	0.0 kVA					20 A	1	--	SPARE	PR-HS-8
PR-HS-9	SPARE	--	1	20 A			0.0 kVA	0.0 kVA			20 A	1	--	SPARE	PR-HS-10
PR-HS-11	SPARE	--	1	20 A					0.0 kVA	0.0 kVA	20 A	1	--	SPARE	PR-HS-12
PR-HS-13	SPARE	--	1	20 A	0.0 kVA	0.0 kVA					20 A	1	--	SPARE	PR-HS-14
PR-HS-15															PR-HS-16
PR-HS-17															PR-HS-18
PR-HS-19															PR-HS-20
PR-HS-21															PR-HS-22
PR-HS-23															PR-HS-24
	Total Connected Load:		4.5 kVA		1.0 kVA		1.8 kVA		1.6 kVA						

Legend:

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	PANELBOARD TOTALS
REC -	2.2 kVA	100.00%	2.2 kVA	**Total Conn. Load:** 4.5 kVA
MECHANICAL -	1.1 kVA	100.00%	1.1 kVA	**Total Est. Demand:** 4.5 kVA
LTG. -	0.0 kVA	0.00%	0.0 kVA	**Total Conn.:** 13 A
EQUIPMENT -	1.2 kVA	100.00%	1.2 kVA	**Total Est. Demand.:** 13 A

Branch Panel: R0C

LOCATION: ELECTRICAL C020
SUPPLY FROM: MS-RDP
MOUNTING: Surface

VOLTAGE: 120/208 Wye
PHASE: 3
WIRES: 4

A.I.C. RATING: 22kAIC
MAINS RATING: 100 A
MCB RATING: 100 A
NEUTRAL RATING: 100%

Notes:
*PROVIDE GFI-TYPE BREAKER

CKT	CIRCUIT	WIRE SIZE	P	CB	A		B		C		CB	P	WIRE SIZE	CIRCUIT	CKT
R0C-1	REC - CORR C02, MECH ROOMS	(2)#12 + #12GW - 3/4"C	1	20 A	1.6 kVA	0.2 kVA					20 A	1	(2)#12 + #12GW - 3/4"C	EWC* - CORRIDOR C02	R0C-2
R0C-3	REC - CORR C03	(2)#12 + #12GW - 3/4"C	1	20 A			1.6 kVA	1.2 kVA			20 A	1	(2)#12 + #12GW - 3/4"C	REC - COLLAB/CORR C03	R0C-4
R0C-5	REC - RESTROOMS/STG	(2)#12 + #12GW - 3/4"C	1	20 A					1.6 kVA	1.5 kVA	20 A	1	(2)#12 + #12GW - 3/4"C	REC - FRIDGE DIN/WORK RM C019	R0C-6
R0C-7	REC - FRIDGE SCIENCE PREP C014	(2)#12 + #12GW - 3/4"C	1	20 A	1.5 kVA	1.0 kVA					20 A	1	(2)#12 + #12GW - 3/4"C	REC - MICROWAVE RM C019	R0C-8
R0C-9	REC - DISHWAHSER ROOM C014	(2)#12 + #12GW - 3/4"C	1	20 A			1.0 kVA	0.6 kVA			20 A	1	(2)#12 + #12GW - 3/4"C	REC - TEACH DIN/WORK RM C019	R0C-10
R0C-11	FUME HOOD - PREP ROOM C014	(2)#12 + #12GW - 3/4"C	1	20 A					1.0 kVA	0.1 kVA	20 A	1	(2)#12 + #12GW - 3/4"C	F-58 (ADD ALTERNATE #3)	R0C-12
R0C-13	REC - MICROWAVE PREP RM C014	(2)#12 + #12GW - 3/4"C	1	20 A	1.0 kVA										R0C-14
R0C-15	HAND DRYERS - TOILET C008	(2)#12 + #12GW - 3/4"C	1	20 A			1.2 kVA	0.6 kVA			20 A	1	(2)#12 + #12GW - 3/4"C	REC - GOGGLE CABINETS	R0C-16
R0C-17	HAND DRYERS - TOILET C008	(2)#12 + #12GW - 3/4"C	1	20 A					1.2 kVA	1.0 kVA	20 A	1	(2)#12 + #12GW - 3/4"C	REC - COURTYARD	R0C-18
R0C-19	HAND DRYERS - TOILET C010	(2)#12 + #12GW - 3/4"C	1	20 A	1.2 kVA	0.8 kVA					20 A	1	(2)#12 + #12GW - 3/4"C	REC - COURTYARD	R0C-20
R0C-21	HAND DRYERS - TOILET C010	(2)#12 + #12GW - 3/4"C	1	20 A			1.2 kVA	0.5 kVA			20 A	1	(2)#12 + #12GW - 3/4"C	UTILITY SHUTOFF - C013	R0C-22
R0C-23	HAND DRYERS - TOILET C008A	(2)#12 + #12GW - 3/4"C	1	20 A					1.2 kVA	0.5 kVA	20 A	1	(2)#12 + #12GW - 3/4"C	UTILITY SHUTOFF - C017	R0C-24
R0C-25	SPARE	--	1	20 A	0.0 kVA	0.5 kVA					20 A	1	(2)#12 + #12GW - 3/4"C	UTILITY SHUTOFF - C016	R0C-26
R0C-27	SPARE	--	1	20 A			0.0 kVA	0.0 kVA			20 A	1	--	SPARE	R0C-28
R0C-29	SPARE	--	1	20 A					0.0 kVA	0.0 kVA	20 A	1	--	SPARE	R0C-30
R0C-31	SPARE	--	1	20 A	0.0 kVA	0.0 kVA					20 A	1	--	SPARE	R0C-32
R0C-33								0.0 kVA			20 A	1	--	SPARE	R0C-34
R0C-35															R0C-36
R0C-37															R0C-38
R0C-39															R0C-40
R0C-41															R0C-42
	Total Connected Load:		23.8...		7.8 kVA		7.9 kVA		8.1 kVA						

Legend:

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	PANELBOARD TOTALS
REC -	15.2 kVA	82.89%	12.6 kVA	**Total Conn. Load:** 23.8 kVA
MECHANICAL -	0.1 kVA	100.00%	0.1 kVA	**Total Est. Demand:** 21.2 kVA
LTG. -	0.0 kVA	0.00%	0.0 kVA	**Total Conn.:** 66 A
EQUIPMENT -	8.5 kVA	100.00%	8.5 kVA	**Total Est. Demand.:** 59 A

Branch Panel: R0F

LOCATION: MECHANICAL F005A
SUPPLY FROM: MS-RDP
MOUNTING: Surface

VOLTAGE: 120/208 Wye
PHASE: 3
WIRES: 4

A.I.C. RATING: 22kAIC
MAINS RATING: 100 A
MCB RATING: 60 A
NEUTRAL RATING: 100%

Notes:

CKT	CIRCUIT	WIRE SIZE	P	CB	A		B		C		CB	P	WIRE SIZE	CIRCUIT	CKT
R0F-1	F-25	(2)#12 + #12GW - 3/4"C	1	20 A	0.3 kVA	1.0 kVA					20 A	1	(2)#12 + #12GW - 3/4"C	REC - MAIN LIBRARY F001	R0F-2
R0F-3	REC - MAIN LIBRARY F001	(2)#12 + #12GW - 3/4"C	1	20 A			0.8 kVA	0.8 kVA			20 A	1	(2)#12 + #12GW - 3/4"C	TABLE REC - LIBRARY MEZZ	R0F-4
R0F-5	REC - GENERAL CORRIDOR F11	(2)#12 + #12GW - 3/4"C	1	20 A					2.0 kVA	0.4 kVA	20 A	1	(2)#12 + #12GW - 3/4"C	TABLE REC - LIBRARY MEZZ	R0F-6
R0F-7	ROLLER SHADES - MEDIA CENTER	(2)#12 + #12GW - 3/4"C	1	20 A	0.6 kVA	0.0 kVA					20 A	1	--	SPARE	R0F-8
R0F-9	ROLLER SHADES - MEDIA CENTER	(2)#12 + #12GW - 3/4"C	1	20 A			0.6 kVA	0.0 kVA			20 A	1	--	SPARE	R0F-10
R0F-11	ROLLER SHADES - MEDIA CENTER	(2)#12 + #12GW - 3/4"C	1	20 A					0.6 kVA	0.0 kVA	20 A	1	--	SPARE	R0F-12
R0F-13	ROLLER SHADES - MEDIA CENTER	(2)#12 + #12GW - 3/4"C	1	20 A	0.6 kVA	0.0 kVA					20 A	1	--	SPARE	R0F-14
R0F-15	REC - COURTYARD	(2)#12 + #12GW - 3/4"C	1	20 A			0.8 kVA	0.0 kVA			20 A	1	--	SPARE	R0F-16
R0F-17									0.0 kVA		20 A	1	--	SPARE	R0F-18
R0F-19	ROLLER SHADES - MEDIA CENTER	(2)#12 + #12GW - 3/4"C	1	20 A	0.0 kVA	0.0 kVA					20 A	1	--	SPARE	R0F-20
R0F-21	ROLLER SHADES - MEDIA CENTER	(2)#12 + #12GW - 3/4"C	1	20 A			0.0 kVA	0.0 kVA			20 A	1	(2)#12 + #12GW - 3/4"C	ROLLER SHADES - MEDIA CENTER	R0F-22
R0F-23	ROLLER SHADES - MEDIA CENTER	(2)#12 + #12GW - 3/4"C	1	20 A					0.0 kVA	0.6 kVA	20 A	1	(2)#12 + #12GW - 3/4"C	ROLLER SHADES - MEDIA CENTER	R0F-24
R0F-25															R0F-26
R0F-27															R0F-28
R0F-29															R0F-30
	Total Connected Load:		9.1 kVA		2.5 kVA		3.0 kVA		3.6 kVA						

Legend:

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	PANELBOARD TOTALS
REC -	5.8 kVA	100.00%	5.8 kVA	**Total Conn. Load:** 9.1 kVA
MECHANICAL -	0.3 kVA	100.00%	0.3 kVA	**Total Est. Demand:** 9.1 kVA
LTG. -	0.0 kVA	0.00%	0.0 kVA	**Total Conn.:** 25 A
EQUIPMENT -	3.0 kVA	100.00%	3.0 kVA	**Total Est. Demand.:** 25 A

Branch Panel: R1A

LOCATION: ELECTRICAL A122
SUPPLY FROM: MS-RDP
MOUNTING: Surface

VOLTAGE: 120/208 Wye
PHASE: 3
WIRES: 4

A.I.C. RATING: 22kAIC
MAINS RATING: 100 A
MCB RATING: 60 A
NEUTRAL RATING: 100%

Notes:
*PROVIDE GFI-TYPE BREAKER. ** VIA BLC-A.

CKT	CIRCUIT	WIRE SIZE	P	CB	A		B		C		CB	P	WIRE SIZE	CIRCUIT	CKT
R1A-1	REC - ADMIN CORRIDOR	(2)#12 + #12GW - 3/4"C	1	20 A	0.6 kVA	1.2 kVA					20 A	1	(2)#12 + #12GW - 3/4"C	REC - STG A120, A133, A139	R1A-2
R1A-3	REC - ADMIN CORR/RESTROOMS	(2)#12 + #12GW - 3/4"C	1	20 A			1.8 kVA	1.8 kVA			20 A	1	(2)#12 + #12GW - 3/4"C	REC - ROOM A122, A126	R1A-4
R1A-5	REC - ROOM A13, B11	(2)#12 + #12GW - 3/4"C	1	20 A					1.4 kVA	1.4 kVA	20 A	1	(2)#12 + #12GW - 3/4"C	REC - ROOM A11, A12	R1A-6
R1A-7	DSPLY CASES - AREA 'A' LEVEL 0 **	(2)#12 + #12GW - 3/4"C	1	20 A	0.8 kVA	0.2 kVA					15 A	1	(2)#12 + #12GW - 3/4"C	F-76	R1A-8
R1A-9	DSPLY CASES - AREA 'A' LEVEL 1**	(2)#12 + #12GW - 3/4"C	1	20 A			0.8 kVA	2.4 kVA			20 A	1	(2)#12 + #12GW - 3/4"C	DIGITAL DIFFUSERS A156, A168	R1A-10
R1A-11	SPARE	--	1	20 A					0.0 kVA						R1A-12
R1A-13	SPARE	--	1	20 A	0.0 kVA										R1A-14
R1A-15	SPARE	--	1	20 A			0.0 kVA								R1A-16
R1A-17	SPARE	--	1	20 A					0.0 kVA	1.2 kVA	20 A	1	(2)#12 + #12GW - 3/4"C	REC - ROOF	R1A-18
R1A-19	SPARE	--	1	20 A	0.0 kVA	0.8 kVA					20 A	1	(2)#12 + #12GW - 3/4"C	REC - ROOF	R1A-20
R1A-21	SPARE	--	1	20 A			0.0 kVA	1.2 kVA			20 A	1	(2)#12 + #12GW - 3/4"C	HAND DRYERS - TOILET A164	R1A-22
R1A-23	** Ltg - Landscape Lighting at 120v	(2)#8 + #8GW - 1-1/4"C	1	20 A					1.5 kVA						R1A-24
R1A-25															R1A-26
R1A-27															R1A-28
R1A-29															R1A-30
	Total Connected Load:		17.1...		3.6 kVA		8.0 kVA		5.5 kVA						

Legend:

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	PANELBOARD TOTALS
REC -	11.8 kVA	92.37%	10.9 kVA	**Total Conn. Load:** 17.1 kVA
MECHANICAL -	0.2 kVA	100.00%	0.2 kVA	**Total Est. Demand:** 16.2 kVA
LTG. -	0.0 kVA	0.00%	0.0 kVA	**Total Conn.:** 48 A
EQUIPMENT -	3.6 kVA	100.00%	3.6 kVA	**Total Est. Demand.:** 45 A

△3 ADD
△1 PR

MS-RDP	PL-HS
PR-HS	R0C
R0F	R1A

RLBAM ENGINEERING, INC
303 INTERNATIONAL CIRCLE, SUITE 450
HUNT VALLEY, MD 21030 410.842.6441
WWW.ALBERTRLBAM.COM MBE/DBE/SBR CERT. P.N. 21035

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

GRIMM + PARKER ARCHITECTS

GP #22105

PANEL SCHEDULES

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

DATE	DESCRIPTION
3/25/2024	ADDENDUM #3
7/15/2024	PR 01

E713

12/22/2023
BID SET

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Branch Panel: R2G

LOCATION: ELECTRICAL G211A
SUPPLY FROM: HS-RDP
MOUNTING: Surface

VOLTAGE: 120/208 Wye
PHASE: 3
WIRES: 4

A.I.C. RATING: 22kAIC
MAINS RATING: 100 A
MCB RATING: 60 A
NEUTRAL RATING: 100%

Notes:
*PROVIDE GFI-TYPE BREAKER

CKT	CIRCUIT	WIRE SIZE	P	CB	A		B		C		CB	P	WIRE SIZE	CIRCUIT	CKT
R2G-1	REC - CORRIDOR F21	(2)#12 + #12GW - 3/4"C	1	20 A	2.0 kVA	1.2 kVA					20 A	1	(2)#12 + #12GW - 3/4"C	REC - CORRIDOR G21	R2G-2
R2G-3	EWC* - CORRIDOR G21	(2)#12 + #12GW - 3/4"C	1	20 A			0.2 kVA	1.2 kVA			20 A	1	(2)#12 + #12GW - 3/4"C	REC - CORRIDOR G21	R2G-4
R2G-5	FRIDGE - DINING/WORK RM F207	(2)#12 + #12GW - 3/4"C	1	20 A					0.2 kVA	0.8 kVA	20 A	1	(2)#12 + #12GW - 3/4"C	TABLE REC - COLLAB G210	R2G-6
R2G-7	MICROWAVE - DIN/WORK RM F207	(2)#12 + #12GW - 3/4"C	1	20 A	0.2 kVA	0.0 kVA					20 A	1	--	SPARE	R2G-8
R2G-9	HAND DRYERS - TOILET G208	(2)#12 + #12GW - 3/4"C	1	20 A			1.2 kVA	0.0 kVA			20 A	1	--	SPARE	R2G-10
R2G-11	HAND DRYERS - TOILET G208	(2)#12 + #12GW - 3/4"C	1	20 A					1.2 kVA	0.0 kVA	20 A	1	--	SPARE	R2G-12
R2G-13	HAND DRYERS - TOILET G208A	(2)#12 + #12GW - 3/4"C	1	20 A	1.2 kVA	0.0 kVA					20 A	1	--	SPARE	R2G-14
R2G-15	HAND DRYERS - TOILET G209	(2)#12 + #12GW - 3/4"C	1	20 A			1.2 kVA	0.0 kVA			20 A	1	--	SPARE	R2G-16
R2G-17	HAND DRYERS - TOILET G209	(2)#12 + #12GW - 3/4"C	1	20 A					1.2 kVA	0.0 kVA	20 A	1	--	SPARE	R2G-18
R2G-19	REC - ROOF	(2)#12 + #12GW - 3/4"C	1	20 A	0.6 kVA	0.0 kVA					20 A	1	--	SPARE	R2G-20
R2G-21	REC - ROOF	(2)#12 + #12GW - 3/4"C	1	20 A			0.6 kVA	0.0 kVA			20 A	1	--	SPARE	R2G-22
R2G-23										0.0 kVA	20 A	1	--	SPARE	R2G-24
R2G-25						0.0 kVA					20 A	1	--	SPARE	R2G-26
R2G-27															R2G-28
R2G-29															R2G-30
		Total Connected Load:			13.0...	5.2 kVA		4.4 kVA		3.4 kVA					

Legend:

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	PANELBOARD TOTALS	
REC -	7.0 kVA	100.00%	7.0 kVA	**Total Conn. Load:**	13.0 kVA
MECHANICAL -	0.0 kVA	0.00%	0.0 kVA	**Total Est. Demand:**	13.0 kVA
LTG. -	0.0 kVA	0.00%	0.0 kVA	**Total Conn.:**	36 A
EQUIPMENT -	6.0 kVA	100.00%	6.0 kVA	**Total Est. Demand.:**	36 A

Fuse Panel: E1L0B

LOCATION: ELECTRICAL EQUIPMENT AREA...
SUPPLY FROM: ATS-1
MOUNTING: Surface

VOLTAGE: 480/277 Wye
PHASE: 3
WIRES: 4

A.I.C. RATING: 65kAIC
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
E1L0B-1					1.3 kVA	0.1 kVA									E1L0B-2
E1L0B-3	JP-1	(3)#12 + #12GW - 3/4"C	3	20 A			1.3 kVA	0.1 kVA			30 A	3	(4)#10 + #10GW - 3/4"C	SPD	E1L0B-4
E1L0B-5									1.3 kVA	0.1 kVA					E1L0B-6
E1L0B-7	eLTG. - Elevator Machine Rm B203	(2)#12 + #12GW - 3/4"C	1	20 A	0.0 kVA	3.1 kVA					20 A	1	(2)#12 + #12GW - 3/4"C	eLTG. - MS Cafe and support Rms.	E1L0B-8
E1L0B-9	eLTG. - Area B - Elevator Shaft EL01	(2)#12 + #12GW - 3/4"C	1	20 A			0.2 kVA	3.3 kVA			20 A	1	(2)#12 + #12GW - 3/4"C	eLTG. - Kitchen/Service Areas	E1L0B-10
E1L0B-11	eLTG. - Area B - Restrooms	(2)#12 + #12GW - 3/4"C	1	20 A					0.9 kVA	0.6 kVA	20 A	1	(2)#12 + #12GW - 3/4"C	eLTG. - Electrical/Water/MDF	E1L0B-12
E1L0B-13	eLTG. - FIRE PUMP ROOM	(2)#12 + #12GW - 3/4"C	1	20 A	0.2 kVA	0.0 kVA					20 A	1	--	SPARE	E1L0B-14
E1L0B-15	eLTG. - Area B - LVL 0 - Kitchen	(2)#12 + #12GW - 3/4"C	1	20 A			0.2 kVA	0.0 kVA			20 A	1	--	SPARE	E1L0B-16
E1L0B-17	SPARE	--	1	20 A					0.0 kVA	0.0 kVA	20 A	1	--	SPARE	E1L0B-18
E1L0B-19	SPARE	--	1	20 A	0.0 kVA	0.0 kVA					20 A	1	--	SPARE	E1L0B-20
E1L0B-21	SPARE	--	1	20 A			0.0 kVA	0.0 kVA			20 A	1	--	SPARE	E1L0B-22
E1L0B-23															E1L0B-24
E1L0B-25															E1L0B-26
E1L0B-27															E1L0B-28
E1L0B-29															E1L0B-30
E1L0B-31					14.1...	2.9 kVA									E1L0B-32
E1L0B-33	PANEL E1L1A	(4)#1/0 + #4GW - 1-1/2"C [AL]	3	100 A			13.6 kVA	10.1 kVA			60 A	3	(4)#4 + #10GW - 1-1/4"C	PANEL E1LPF	E1L0B-34
E1L0B-35									13.5 kVA	10.1...					E1L0B-36
E1L0B-37					7.1 kVA	7.0 kVA									E1L0B-38
E1L0B-39	PANEL E1L2C	(4)#4 + #10GW - 1-1/4"C	3	60 A			3.6 kVA	5.1 kVA			60 A	3	REFER TO XFMR SCHEDULE	PANEL E1R0B (VIA XFMR TE1R0B)	E1L0B-40
E1L0B-41									4.1 kVA	5.1 kVA					E1L0B-42
		Total Connected Load:			108.6...	35.6 kVA		37.4 kVA		35.7 kVA					

Legend:

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	PANELBOARD TOTALS	
REC -	0.0 kVA	0.00%	0.0 kVA	**Total Conn. Load:**	108.6 kVA
MECHANICAL -	4.0 kVA	100.00%	4.0 kVA	**Total Est. Demand:**	108.6 kVA
LTG. -	75.9 kVA	100.00%	75.9 kVA	**Total Conn.:**	131 A
EQUIPMENT -	4.0 kVA	100.00%	4.0 kVA	**Total Est. Demand.:**	131 A

Fuse Panel: E1LPF

LOCATION: MECHANICAL PENTHOUSE F300
SUPPLY FROM: E1L0B
MOUNTING: Surface

VOLTAGE: 480/277 Wye
PHASE: 3
WIRES: 4

A.I.C. RATING: 22kAIC
MAINS RATING: 100 A
MCB RATING: 60 A
NEUTRAL RATING: 100%

Notes:
* VIA BLC-F. ** 0-10v. WIRING REQUIRED. *** PROVIDE LOCK CLIP ON BREAKER.

CKT	CIRCUIT	WIRE SIZE	P	CB	A		B		C		CB	P	WIRE SIZE	CIRCUIT	CKT
E1LPF-1	eLTG. - BLC-F System Power ***	(2)#12 + #12GW - 3/4"C	1	20 A	0.3 kVA	0.0 kVA					20 A	1	(2)#12 + #12GW - 3/4"C	eLTG. - Elevator Machine Room F11A	E1LPF-2
E1LPF-3	eLTG-Areas E/F/G-Bldg Facade *, **	(2)#12 + #12GW - 3/4"C	1	20 A			1.3 kVA	0.5 kVA			20 A	1	(2)#12 + #12GW - 3/4"C	eLTG. - Areas F/G - 1st Flr Corridors *	E1LPF-4
E1LPF-5	eLTG. - Area F/G Mech. - Lvls 1/2/3	(2)#12 + #12GW - 3/4"C	1	20 A					1.3 kVA	0.6 kVA	20 A	1	(2)#12 + #12GW - 3/4"C	eLTG. - Areas D/E - 1st Flr Corridors *	E1LPF-6
E1LPF-7	eLTG. - Area G - EMR/Elevator Shaft	(2)#12 + #12GW - 3/4"C	1	20 A	0.2 kVA	0.9 kVA					20 A	1	(2)#12 + #12GW - 3/4"C	eLTG. - Areas F/G - 2nd Flr Corr *	E1LPF-8
E1LPF-9	LTG. - Auditorium Stairs/D202	(2)#12 + #12GW - 3/4"C	1	20 A			1.6 kVA	0.6 kVA			20 A	1	(2)#12 + #12GW - 3/4"C	eLTG. - Areas F/G - 3rd Flr Corridors *	E1LPF-10
E1LPF-11	eLTG. - Area F - 1st Flr Corridor *	(2)#12 + #12GW - 3/4"C	1	20 A					1.4 kVA	2.2 kVA	20 A	1	(2)#12 + #12GW - 3/4"C	eLTG. - Area G - 2/3 Flr Classrooms	E1LPF-12
E1LPF-13	eLTG. - Elevator Shaft EL02	(2)#12 + #12GW - 3/4"C	1	20 A	0.2 kVA	1.2 kVA					20 A	1	(2)#12 + #12GW - 3/4"C	eLTG. - Event Lavatories	E1LPF-14
E1LPF-15	eLTG. - Areas D/E/F - Classrooms	(2)#12 + #12GW - 3/4"C	1	20 A			1.4 kVA	3.4 kVA			20 A	1	(2)#12 + #12GW - 3/4"C	eLTG. - Area G Stair Towers	E1LPF-16
E1LPF-17	eLTG. - Area G Restrms - Lvls 1/2/3	(2)#12 + #12GW - 3/4"C	1	20 A					1.8 kVA	1.1 kVA	20 A	1	(2)#12 + #12GW - 3/4"C	eLTG.-Area F/G-1st Flr Classrms	E1LPF-18
E1LPF-19	eLTG. - Elev. Machine Room	(2)#12 + #12GW - 3/4"C	1	20 A	0.0 kVA										E1LPF-20
E1LPF-21															E1LPF-22
E1LPF-23															E1LPF-24
E1LPF-25															E1LPF-26
E1LPF-27															E1LPF-28
E1LPF-29															E1LPF-30
E1LPF-31															E1LPF-32
E1LPF-33								1.3 kVA			20 A	1	(2)#12 + #12GW - 3/4"C	eLTG. - Area F - Main Library	E1LPF-34
E1LPF-35										1.6 kVA	20 A	1	(2)#12 + #12GW - 3/4"C	eLTG. - Mech. Penthouse G400	E1LPF-36
E1LPF-37						0.1 kVA									E1LPF-38
E1LPF-39								0.1 kVA			30 A	3	(4)#10 + #10GW - 3/4"C	SPD	E1LPF-40
E1LPF-41										0.1 kVA					E1LPF-42
		Total Connected Load:			23.1...	2.9 kVA		10.1 kVA		10.1 kVA					

Legend:

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	PANELBOARD TOTALS	
REC -	0.0 kVA	0.00%	0.0 kVA	**Total Conn. Load:**	23.1 kVA
MECHANICAL -	0.0 kVA	0.00%	0.0 kVA	**Total Est. Demand:**	23.1 kVA
LTG. -	18.7 kVA	100.00%	18.7 kVA	**Total Conn.:**	28 A
EQUIPMENT -	0.0 kVA	0.00%	0.0 kVA	**Total Est. Demand.:**	28 A

Branch Panel: R3G

LOCATION: ELECTRICAL G314
SUPPLY FROM: HS-RDP
MOUNTING: Surface

VOLTAGE: 120/208 Wye
PHASE: 3
WIRES: 4

A.I.C. RATING: 22kAIC
MAINS RATING: 125 A
MCB RATING: 125 A
NEUTRAL RATING: 100%

Notes:
*PROVIDE GFI-TYPE BREAKER

CKT	CIRCUIT	WIRE SIZE	P	CB	A		B		C		CB	P	WIRE SIZE	CIRCUIT	CKT
R3G-1	REC - MECH/CORRIDOR G31	(2)#12 + #12GW - 3/4"C	1	20 A	1.2 kVA	0.2 kVA					20 A	1	(2)#12 + #12GW - 3/4"C	REC - FRIDGE DIN/WORK F306	R3G-2
R3G-3	DISHWASHER - PREP ROOM G304	(2)#12 + #12GW - 3/4"C	1	20 A			0.2 kVA	0.2 kVA			20 A	1	(2)#12 + #12GW - 3/4"C	REC - MICROWAVE ROOM F306	R3G-4
R3G-5	FRIDGE- PREP ROOM G304	(2)#12 + #12GW - 3/4"C	1	20 A					0.2 kVA	0.2 kVA	20 A	1	(2)#12 + #12GW - 3/4"C	EWC* - CORRIDOR G31	R3G-6
R3G-7	FUME HOOD - PREP ROOM G304	(2)#12 + #12GW - 3/4"C	1	20 A	0.2 kVA	0.3 kVA					20 A	1	(2)#12 + #12GW - 3/4"C	F-12	R3G-8
R3G-9	REC - RESTROOMS//CORR G31	(2)#12 + #12GW - 3/4"C	1	20 A			2.0 kVA	0.2 kVA			20 A	1	(2)#12 + #12GW - 3/4"C	DISHWASHER - PREP ROOM G316	R3G-10
R3G-11	DISHWASHER - PREP RM G312	(2)#12 + #12GW - 3/4"C	1	20 A					0.2 kVA	0.2 kVA	20 A	1	(2)#12 + #12GW - 3/4"C	FUME HOOD - PREP ROOM G316	R3G-12
R3G-13	FUME HOOD - PREP RM G312	(2)#12 + #12GW - 3/4"C	1	20 A	0.2 kVA	0.2 kVA					20 A	1	(2)#12 + #12GW - 3/4"C	FRIDGE - CHEM STORAGE G319	R3G-14
R3G-15	FRIDGE - PREP ROOM G321	(2)#12 + #12GW - 3/4"C	1	20 A			1.0 kVA	0.2 kVA			20 A	1	(2)#12 + #12GW - 3/4"C	FUME HOOD - CHEMICAL STG G319	R3G-16
R3G-17	F-26	(2)#12 + #12GW - 3/4"C	1	20 A					1.2 kVA	1.0 kVA	20 A	1	(2)#12 + #12GW - 3/4"C	REC - FRIDGE PREP ROOM G316	R3G-18
R3G-19	REC - MECH PENTHOUSE G400	(2)#12 + #12GW - 3/4"C	1	20 A	1.2 kVA	1.0 kVA					20 A	1	(2)#12 + #12GW - 3/4"C	REC - MECH PENTHOUSE G400	R3G-20
R3G-21	F-59	(2)#12 + #12GW - 3/4"C	1	20 A			1.2 kVA	0.8 kVA			20 A	1	(2)#12 + #12GW - 3/4"C	TABLE REC - COLLAB G310	R3G-22
R3G-23	HAND DRYERS - TOILET G308	(2)#12 + #12GW - 3/4"C	1	20 A					1.2 kVA	0.4 kVA	20 A	1	(2)#12 + #12GW - 3/4"C	REC - GOGGLE CABINETS	R3G-24
R3G-25	HAND DRYERS - TOILET G308	(2)#12 + #12GW - 3/4"C	1	20 A	1.2 kVA	0.6 kVA					20 A	1	(2)#12 + #12GW - 3/4"C	REC - GOGGLE CABINETS	R3G-26
R3G-27	HAND DRYERS - TOILET G308A	(2)#12 + #12GW - 3/4"C	1	20 A			1.2 kVA	0.4 kVA			20 A	1	(2)#12 + #12GW - 3/4"C	REC - GOGGLE CABINETS	R3G-28
R3G-29	HAND DRYERS - TOILET G309	(2)#12 + #12GW - 3/4"C	1	20 A					1.2 kVA	0.2 kVA	20 A	1	(2)#12 + #12GW - 3/4"C	FUME HOOD - HS SCIENCE G311	R3G-30
R3G-31	HAND DRYERS - TOILET G309	(2)#12 + #12GW - 3/4"C	1	20 A	1.2 kVA	0.2 kVA					20 A	1	(2)#12 + #12GW - 3/4"C	FUME HOOD - HS SCIENCE G317	R3G-32
R3G-33	REC - ROOF	(2)#12 + #12GW - 3/4"C	1	20 A			1.0 kVA	0.2 kVA			20 A	1	(2)#12 + #12GW - 3/4"C	FUME HOOD - SCIENCE PREP G321	R3G-34
R3G-35	UTILITY SHUTOFF G303	(2)#12 + #12GW - 3/4"C	1	20 A					0.6 kVA	0.6 kVA	20 A	1	(2)#12 + #12GW - 3/4"C	UTILITY SHUTOFF G320	R3G-36
R3G-37	UTILITY SHUTOFF G306	(2)#12 + #12GW - 3/4"C	1	20 A	0.6 kVA	0.6 kVA					20 A	1	(2)#12 + #12GW - 3/4"C	UTILITY SHUTOFF G318	R3G-38
R3G-39	UTILITY SHUTOFF G311	(2)#12 + #12GW - 3/4"C	1	20 A			0.6 kVA	0.6 kVA			20 A	1	(2)#12 + #12GW - 3/4"C	UTILITY SHUTOFF G315	R3G-40
R3G-41	UTILITY SHUTOFF G317	(2)#12 + #12GW - 3/4"C	1	20 A					0.6 kVA	1.4 kVA	20 A	1	(2)#12 + #12GW - 3/4"C	REC - MECH PENTHOUSE F300	R3G-42
R3G-43	SPARE	--	1	20 A	0.0 kVA	0.0 kVA					20 A	1	--	SPARE	R3G-44
R3G-45	SPARE	--	1	20 A			0.0 kVA	0.0 kVA			20 A	1	--	SPARE	R3G-46
R3G-47	SPARE	--	1	20 A					0.0 kVA	0.0 kVA	20 A	1	--	SPARE	R3G-48
R3G-49	SPARE	--	1	20 A	0.0 kVA	0.3 kVA					20 A	1	(2)#12 + #12GW - 3/4"C	DIGITAL DIFFUSER - PREP G321	R3G-50
R3G-51															R3G-52
R3G-53															R3G-54
		Total Connected Load:			28.2...	9.2 kVA		9.8 kVA		9.2 kVA					

PR

Legend:

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	PANELBOARD TOTALS	
REC -	13.6 kVA	86.76%	11.8 kVA	**Total Conn. Load:**	28.2 kVA
MECHANICAL -	2.7 kVA	100.00%	2.7 kVA	**Total Est. Demand:**	26.4 kVA
LTG. -	0.0 kVA	0.00%	0.0 kVA	**Total Conn.:**	78 A
EQUIPMENT -	11.9 kVA	100.00%	11.9 kVA	**Total Est. Demand.:**	73 A

Fuse Panel: E1L1A

LOCATION: ELECTRICAL A122
SUPPLY FROM: E1L0B
MOUNTING: Surface

VOLTAGE: 480/277 Wye
PHASE: 3
WIRES: 4

A.I.C. RATING: 42kAIC
MAINS RATING: 100 A
MCB RATING: 100 A
NEUTRAL RATING: 100%

Notes:
* VIA BLC-A. ** 0-10v. WIRING REQUIRED. *** PROVIDE LOCK CLIP ON BREAKER. **** LOW VOLTAGE CONNECTION REQUIRED TO BLC-F FROM ROOM CONTROLLERS.

CKT	CIRCUIT	WIRE SIZE	P	CB	A		B		C		CB	P	WIRE SIZE	CIRCUIT	CKT
E1L1A-1	eLTG. - Area A - LVL 0 - Lckrs, Wgt.	(2)#12 + #12GW - 3/4"C	1	20 A	2.2 kVA	0.0 kVA					20 A	1	(2)#12 + #12GW - 3/4"C	LTG. - Area A - Building Signage *	E1L1A-2
E1L1A-3	eLTG. - Area A - LVL 0 - Lckrs, Wgt	(2)#12 + #12GW - 3/4"C	1	20 A			3.6 kVA	0.1 kVA			20 A	1	(2)#12 + #12GW - 3/4"C	eLTG. - BLC-A System Power ***	E1L1A-4
E1L1A-5	eLTG. - HS Gymnasium	(2)#12 + #12GW - 3/4"C	1	20 A					2.1 kVA	0.8 kVA	20 A	1	(2)#12 + #12GW - 3/4"C	eLTG. - Bldg. Facade *, **	E1L1A-6
E1L1A-7	eLTG. - HS Gymnasium	(2)#12 + #12GW - 3/4"C	1	20 A	2.1 kVA	2.4 kVA					20 A	1	(2)#12 + #12GW - 3/4"C	eLTG. - Area A - Corridors LVL 0 *	E1L1A-8
E1L1A-9	eLTG. - MS Gymnasium	(2)#12 + #12GW - 3/4"C	1	20 A			2.4 kVA	1.5 kVA			20 A	1	(2)#12 + #12GW - 3/4"C	eLTG. - Area B - Corridors LVL 0 *	E1L1A-10
E1L1A-11	eLTG. - Admin. Offices, Support Rms	(2)#12 + #12GW - 3/4"C	1	20 A					3.9 kVA	2.7 kVA	20 A	1	(2)#12 + #12GW - 3/4"C	eLTG. - Area A - Boardwalk LVL 1 ****	E1L1A-12
E1L1A-13	eLTG. - Aux. Gym, Event Lav's	(2)#12 + #12GW - 3/4"C	1	20 A	2.7 kVA	3.0 kVA					20 A	1	(2)#12 + #12GW - 3/4"C	eLTG. - Temp. Gym Spaces	E1L1A-14
E1L1A-15	eLTG. - Admin. Offices, Support Rms	(2)#12 + #12GW - 3/4"C	1	20 A			1.7 kVA	3.3 kVA			20 A	1	(2)#12 + #12GW - 3/4"C	eLTG. - Health, MS Admin.	E1L1A-16
E1L1A-17	eLTG. - Area A - LVL 0 - Support Rms	(2)#12 + #12GW - 3/4"C	1	20 A					2.0 kVA	2.1 kVA	20 A	1	(2)#12 + #12GW - 3/4"C	eLTG. - HS Cafeteria	E1L1A-18
E1L1A-19	eLTG. - Area A - Admin. Corridors	(2)#12 + #12GW - 3/4"C	1	20 A	1.3 kVA	0.5 kVA					20 A	1	(2)#12 + #12GW - 3/4"C	eLTG. - Area A - LVL 0/1 - Mech./Elec.	E1L1A-20
E1L1A-21	eLTG. - Corridor B07 *	(2)#12 + #12GW - 3/4"C	1	20 A			1.0 kVA	0.0 kVA			20 A	1	--	SPARE	E1L1A-22
E1L1A-23	SPARE	--	1	20 A					0.0 kVA	0.0 kVA	20 A	1	--	SPARE	E1L1A-24
E1L1A-25	SPARE	--	1	20 A	0.0 kVA	0.0 kVA					20 A	1	--	SPARE	E1L1A-26
E1L1A-27	SPARE	--	1	20 A			0.0 kVA	0.0 kVA			20 A	1	--	SPARE	E1L1A-28
E1L1A-29	SPARE	--	1	20 A					0.0 kVA	0.0 kVA	20 A	1	--	SPARE	E1L1A-30
E1L1A-31															E1L1A-32
E1L1A-33															E1L1A-34
E1L1A-35															E1L1A-36
E1L1A-37					0.1 kVA										E1L1A-38
E1L1A-39							0.1 kVA				30 A	3	(4)#10 + #10GW - 3/4"C	SPD	E1L1A-40
E1L1A-41										0.1 kVA					E1L1A-42
		Total Connected Load:			41.2...	14.1 kVA		13.6 kVA		13.5 kVA					

Legend:

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	PANELBOARD TOTALS	
REC -	0.0 kVA	0.00%	0.0 kVA	**Total Conn. Load:**	41.2 kVA
MECHANICAL -	0.0 kVA	0.00%	0.0 kVA	**Total Est. Demand:**	41.2 kVA
LTG. -	31.4 kVA	100.00%	31.4 kVA	**Total Conn.:**	50 A
EQUIPMENT -	0.0 kVA	0.00%	0.0 kVA	**Total Est. Demand.:**	50 A

Fuse Panel: E1L2C

LOCATION: ELECTRICAL C220
SUPPLY FROM: E1L0B
MOUNTING: Surface

VOLTAGE: 480/277 Wye
PHASE: 3
WIRES: 4

A.I.C. RATING: 42kAIC
MAINS RATING: 100 A
MCB RATING: 60 A
NEUTRAL RATING: 100%

Notes:
* VIA BLC-C. ** 0-10v. WIRING REQUIRED. *** PROVIDE LOCK CLIP ON BREAKER.

CKT	CIRCUIT	WIRE SIZE	P	CB	A		B		C		CB	P	WIRE SIZE	CIRCUIT	CKT
E1L2C-1	eLTG. - Mech. Penthouse C300	(2)#12 + #12GW - 3/4"C	1	20 A	1.3 kVA	2.3 kVA					20 A	1	(2)#12 + #12GW - 3/4"C	eLTG. - AREA C Restrms Lvls 0/1/2	E1L2C-2
E1L2C-3	eLTG. - Area C - Corridors 0/1/2 Flrs *	(2)#12 + #12GW - 3/4"C	1	20 A			2.1 kVA	1.5 kVA			20 A	1	(2)#12 + #12GW - 3/4"C	eLTG. - AREA B/C Mech Lvls 0/1/2	E1L2C-4
E1L2C-5	eLTG. - Area B/C - Bldg Facade *, **	(2)#12 + #12GW - 3/4"C	1	20 A					1.0 kVA	3.1 kVA	20 A	1	(2)#12 + #12GW - 3/4"C	eLTG. - Area B/C - Stairwells	E1L2C-6
E1L2C-7	eLTG. - BLC-C System Power ***	(2)#12 + #12GW - 3/4"C	1	20 A	0.1 kVA	3.3 kVA					20 A	1	(2)#12 + #12GW - 3/4"C	eLTG. - Area C - Classrms Lvls 0/1/2	E1L2C-8
E1L2C-9	SPARE	--	1	20 A			0.0 kVA	0.0 kVA			20 A	1	--	SPARE	E1L2C-10
E1L2C-11	SPARE	--	1	20 A					0.0 kVA	0.0 kVA	20 A	1	--	SPARE	E1L2C-12
E1L2C-13	SPARE	--	1	20 A	0.0 kVA	0.0 kVA					20 A	1	--	SPARE	E1L2C-14
E1L2C-15	SPARE	--	1	20 A			0.0 kVA	0.0 kVA			20 A	1	--	SPARE	E1L2C-16
E1L2C-17															E1L2C-18
E1L2C-19															E1L2C-20
E1L2C-21															E1L2C-22
E1L2C-23															E1L2C-24
E1L2C-25					0.1 kVA										E1L2C-26
E1L2C-27							0.1 kVA				30 A	3	(4)#10 + #10GW - 3/4"C	SPD	E1L2C-28
E1L2C-29										0.1 kVA					E1L2C-30
		Total Connected Load:			14.8...	7.1 kVA		3.6 kVA		4.1 kVA					

Legend:

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	PANELBOARD TOTALS	
REC -	0.0 kVA	0.00%	0.0 kVA	**Total Conn. Load:**	14.8 kVA
MECHANICAL -	0.0 kVA	0.00%	0.0 kVA	**Total Est. Demand:**	14.8 kVA
LTG. -	11.9 kVA	100.00%	11.9 kVA	**Total Conn.:**	18 A
EQUIPMENT -	0.0 kVA	0.00%	0.0 kVA	**Total Est. Demand.:**	18 A

R2G | R3G
E1L0B | E1L1A
E1L2C | E1LPF

RLBAN ENGINEERING, INC
303 INTERNATIONAL CIRCLE, SUITE 450
HUNT VALLEY, MD 21030 410.942.6441
WWW.RLBANENGINEERING.COM
P.N. 21035

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

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GP #22105

PANEL SCHEDULES

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

DATE	DESCRIPTION
7/15/2024	PR 01

E715
12/22/2023
BID SET

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