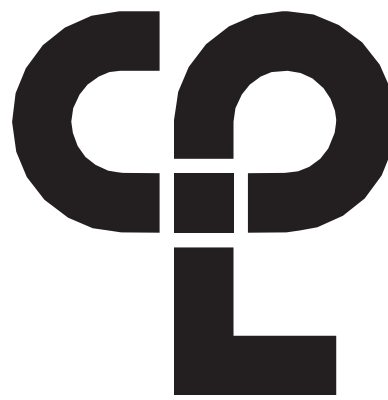


OA VENTILATION CALC									
ROOM NUMBER	ROOM NAME	SQFT	CLASSIFICATION	PEOPLE/1000	PEOPLE	CFM/PERSON	OA/SQFT	OA TOTAL	OA W/ EZ
101	7TH GRADE GEN SCIENCE	1000	CLASSROOM	35	35	10	0.12	470	588
104	7TH GRADE GEN SCIENCE	1146	CLASSROOM	35	40.11	10	0.12	539	673
105	8TH GRADE ELA CLASSROOM	900	CLASSROOM	35	31.5	10	0.12	423	529
105A	SCIENCE 12:1:1	500	CLASSROOM	35	17.5	10	0.12	235	294
105B	SCHOOL PSYCHOLOGIST	250	OFFICE	5	1.25	5	0.06	21	27
105C	CONFERENCE ROOM	250	CONFERENCE	50	12.5	5	0.06	78	97
106	8TH GRADE MATH CLASSROOM	716	CLASSROOM	35	25.06	10	0.12	337	421
107	ISS	364	CLASSROOM	35	12.74	10	0.12	171	214
108	SAFE	363	CLASSROOM	35	12.705	10	0.12	171	213
109	8TH GRADE S.S. CLASSROOM	716	CLASSROOM	35	25.06	10	0.12	337	421
110	GENERAL SCIENCE	944	CLASSROOM	35	33.04	10	0.12	444	555
111	GENERAL SCIENCE	941	CLASSROOM	35	32.935	10	0.12	442	553
112	8TH GRADE MATH CLASSROOM	807	CLASSROOM	35	28.245	10	0.12	379	474
113A	TECHNOLOGY	900	CLASSROOM	35	31.5	10	0.12	423	529
113B	TECHNOLOGY	900	CLASSROOM	35	31.5	10	0.12	423	529
114	8TH GRADE GEN SCIENCE	1144	CLASSROOM	35	40.04	10	0.12	538	672
201	ISS 12:1:1	495	CLASSROOM	35	17.325	10	0.12	233	291
202	HOME & CAREERS	979	CLASSROOM	35	34.265	10	0.12	460	575
203	MATH	835	CLASSROOM	35	29.225	10	0.12	392	491
204	S.S.	798	CLASSROOM	35	27.93	10	0.12	375	469
206	ELA	1000	CLASSROOM	35	35	10	0.12	470	588
208	SPEC ED CLASSROOM	363	CLASSROOM	35	12.705	10	0.12	171	213
209	S.S.	716	CLASSROOM	35	25.06	10	0.12	337	421
210	8:1:1	419	CLASSROOM	35	14.665	10	0.12	197	246
212	SPEC ED CLASSROOM	721	CLASSROOM	35	25.235	10	0.12	339	424
213	HOME & CAREERS	943	CLASSROOM	35	33.005	10	0.12	443	554
214	ELA	808	CLASSROOM	35	28.28	10	0.12	380	475
215	ELA	769	CLASSROOM	35	26.915	10	0.12	361	452
216	S.S.	840	CLASSROOM	35	29.4	10	0.12	395	494
301	MATH 12:1:1	766	CLASSROOM	35	26.81	10	0.12	360	450
302	MATH	772	CLASSROOM	35	27.02	10	0.12	363	454
303	ELA	816	CLASSROOM	35	28.56	10	0.12	384	479
304	MATH	900	CLASSROOM	35	31.5	10	0.12	423	529
305	ELA	485	CLASSROOM	35	16.975	10	0.12	228	285
306	SCIENCE CLASSROOM	826	CLASSROOM	35	28.91	10	0.12	388	485
307	SCIENCE CLASSROOM	798	CLASSROOM	35	27.93	10	0.12	375	469
309	CLASSROOM	744	CLASSROOM	35	26.04	10	0.12	350	437
310	MATH	712	CLASSROOM	35	24.92	10	0.12	335	418
311	CLASSROOM	734	CLASSROOM	35	25.69	10	0.12	345	431
312	CLASSROOM	744	CLASSROOM	35	26.04	10	0.12	350	437
313	S.S.	651	CLASSROOM	35	22.785	10	0.12	306	382
314	MATH	669	CLASSROOM	35	23.415	10	0.12	314	393
315	ELA	784	CLASSROOM	35	27.44	10	0.12	368	461
316	CLASSROOM	808	CLASSROOM	35	28.28	10	0.12	380	475
317	S.S.	770	CLASSROOM	35	26.95	10	0.12	362	452
318	ELA	840	CLASSROOM	35	29.4	10	0.12	395	494
320	SCIENCE CLASSROOM	829	CLASSROOM	35	29.015	10	0.12	390	487
321	ART CLASSROOM	483	ART CLASSROOM	20	9.66	10	0.18	184	229
401	MATH	687	CLASSROOM	35	24.045	10	0.12	323	404
402	S.S./ICT	1065	CLASSROOM	35	37.275	10	0.12	501	626
404	ART CLASSROOM	1161	ART CLASSROOM	20	23.22	10	0.18	441	551
405	ELA	687	CLASSROOM	35	24.045	10	0.12	323	404
421	GYMNASIUM	7640	GYM PLAY AREA	7	53.48	10	0.12	1452	1815
434	MUSIC CLASSROOM	1650	MUSIC CLASSROOM	35	57.75	10	0.12	776	969
435	MUSIC ROOM	206	MUSIC CLASSROOM	35	7.21	10	0.12	97	121
436	PRACTICE	85	MUSIC CLASSROOM	35	2.975	10	0.12	40	50
438	PRACTICE	83	MUSIC CLASSROOM	35	2.905	10	0.06	34	43
442	OFFICE	76	OFFICE	5	0.38	5	0.06	6.46	8.075
444	KITCHEN	1046	KITCHEN	20	20.92	7.5	0.12	282	353
445	SERVERY	690	KITCHEN	20	13.8	7.5	0.12	186	233
446	DISHWASHER	310	KITCHEN	20	6.2	7.5	0.12	84	105
448	CAFETERIA/STUDY HALL	4687	CAFETERIA	70	328.09	7.5	0.18	3304	4130
448A	CAFETERIA/STUDY HALL	2028	CAFETERIA	70	141.96	7.5	0.18	1430	1787
600	WEIGHTLIFTING	1000	WEIGHT ROOM	10	10	20	0.06	260	325



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PROJECT INFORMATION

Project Number
13940.18
Client Name

NEWBURGH ENLARGED CITY
SCHOOL DISTRICT

Project Name
PHASE 3: HERITAGE MIDDLE
SCHOOL 2019 CAPITAL
IMPROVEMENT PROJECT

Project Address
405 Union Avenue, New Windsor, NY 12553

SED Number
44-16-00-01-0-039-011

PROJECT ISSUE SCHEDULE

No. Date Description

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ENGINEER OR SURVEYOR IS ALTERED. THE ALTERING PARTY
SHALL AFFIX TO THE ITEM THEIR SEAL AND THE NOTATION
"ALTERED BY" FOLLOWED BY THEIR SIGNATURE AND THE DATE
OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE
ALTERATION.

SHEET INFORMATION

Issued
09/09/2021
Scale
1/2" = 1'-0"

Project Status
CONSTRUCTION DOCUMENTS

Drawn By
NRH
Checked By
JJM

Drawing Title
HVAC SCHEDULES

Drawing Number

HMS
H902