

ARCHITECT

NEW YORK OKLAHOMA NORTH CAROLINA TEXAS
KSQ Design
215 West 40th Street | 15th Floor
New York, NY 10018
914.682.3700 office
www.ksq.design

Owner
Yorktown Central School District
2725 Crompond Road
Yorktown Heights, NY 10598
914 243 8000 office

Construction Manager
Arris Contracting Co.
189 Smith Street
Poughkeepsie, NY 12601
845 473 6300 office
845 473 1453 fax

MEP Engineer
DELTA Engineers, Architects, & Land
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220 Harborside Dr, Suite #202
Schenectady, NY 12305
518.690.0046 office

Structural Engineer
Clapper Structural Engineering, PLLC
160 Partition Street
Saugerties, New York 12477
845.943.9601 office
www.clapperstructural.com

Civil Engineer
The Chazen Companies
547 River Street
Troy, New York 12180
518.266.7323 office
www.chazencompanies.com

SED CONTROL NUMBERS
YHS - #66-24-02-06-0-005-028
MS - #66-24-02-06-0-007-027
CES - #66-24-02-06-0-003-022
MES - #66-24-02-06-0-004-025
BES - #66-24-02-06-0-002-020

Mohansic Elementary School

Yorktown
CENTRAL SCHOOL DISTRICT

DISTRICT WIDE
IMPROVEMENTS 2020
PHASE II

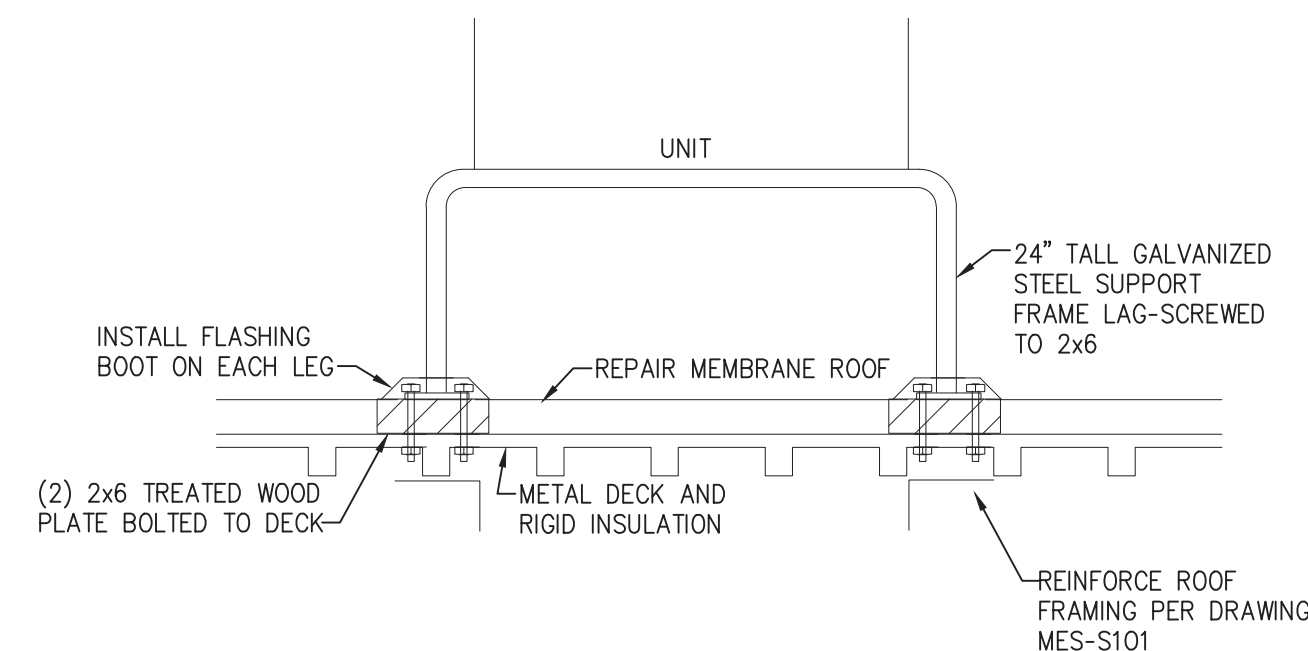
MOHANSIC ELEMENTARY
SCHOOL
704 LOCKSLEY RD.
YORKTOWN HEIGHTS, NY 10598

REVISIONS

No.	Description	Date

ISSUED: BID ISSUE
DATE: 10/25/2021
SCALE: AS NOTED
SHEET NAME: GYMNASIUM, CAFETERIA, & ROOF RENOVATION PLANS
SHEET NUMBER:

MES-H101

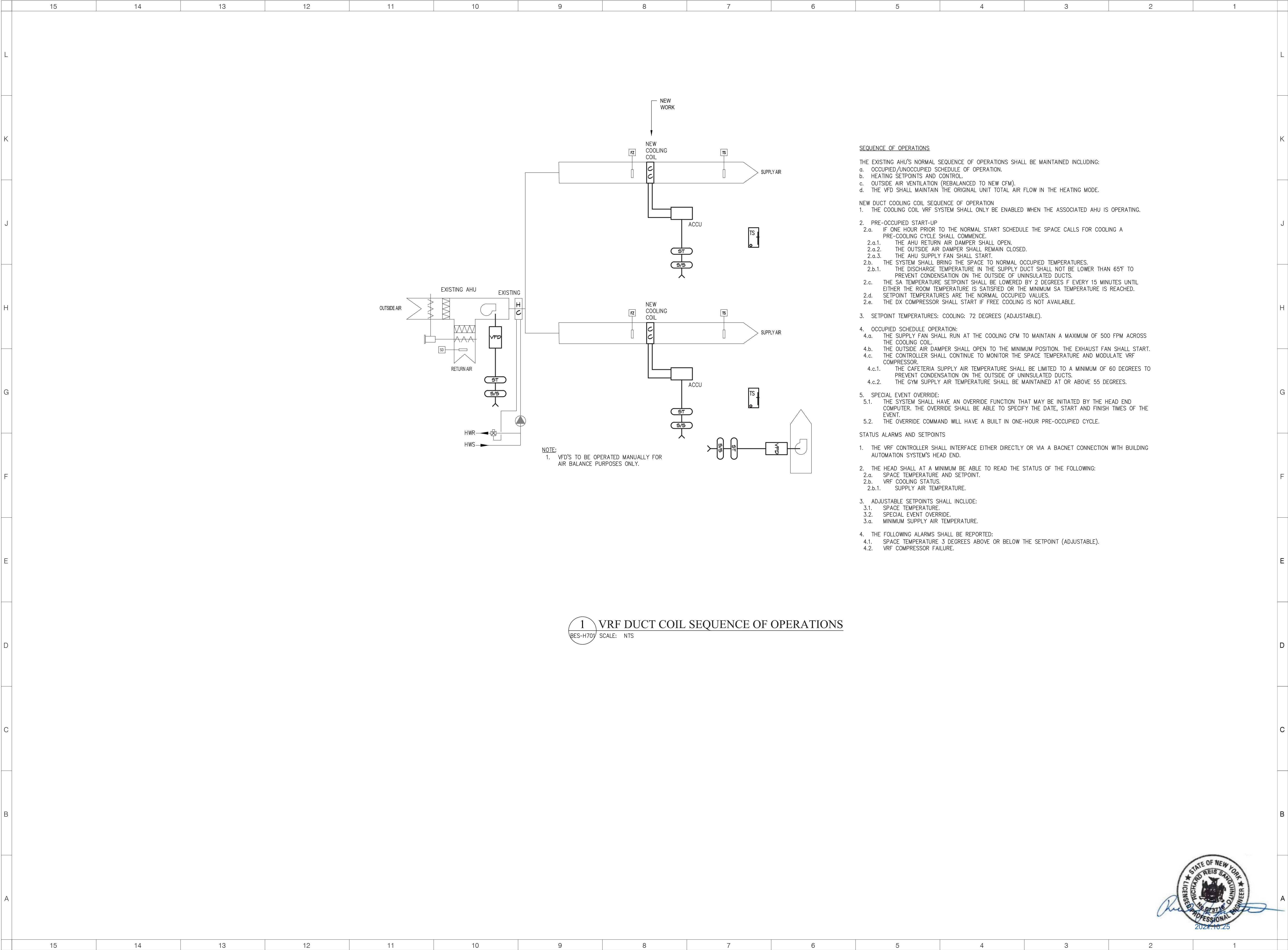


1 CONDENSING UNIT PIPING DETAIL
WES-H501 SCALE: NOT TO SCALE

VENTILATION REQUIREMENTS								
Space Designation	Area SF	Occupants		Ventilation Required		Uncorrected Ventilation	Efficiency Factor	Corrected CFM
		/1000 SF	Total	Per Occup.	Per SF			
Mohansic Café	3,500	-	200	7.50	0.18	2,130	80%	2,660
Mohansic Gym	3,750	7	26	20.00	0.18	1,200	80%	1,500
Total	7,250		226			3,330	80%	4,160

AIR COOLED CONDENSING UNIT SCHEDULE															
MARK	SERVICE	NOMINAL TONS	REFRIG. TYPE	ELECTRICAL										BASIS OF DESIGN	REMARKS
				COMPRESSOR		COND. FAN		VOLTS/PH/HZ	MCA	MAXIMUM FUSE SIZE	DISCONNECT				
				QTY	HP	QTY	HP				TYPE	FURNISHED BY	INSTALLED BY		
ACCU-1	DC-1 & 2	20	R-410A	2x2	-	2x2	-	208/3/60	46x2	60x2	NEMA 3R	EC	EC	HITACHI	(Y,H)VAHP120B32S
ACCU-2	DC-3 & 4	20	R-410A	2x2		2x2		208/3/60	46x2	60x2	NEMA 3R	EC	EC	HITACHI	(Y,H)VAHP120B32S

MES-H501



1 VRF DUCT COIL SEQUENCE OF OPERATIONS
BES-H701 SCALE: NTS

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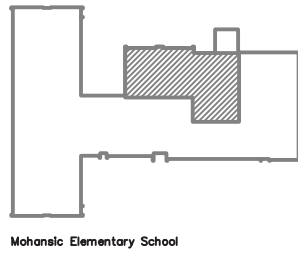
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YHS - #66-24-02-06-0-005-028
MS - #66-24-02-06-0-007-027
CES - #66-24-02-06-0-003-022
MES - #66-24-02-06-0-004-025
BES - #66-24-02-06-0-002-020



DISTRICT WIDE
IMPROVEMENTS 2020
PHASE II

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SCHOOL**
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YORKTOWN HEIGHTS, NY 10598

REVISIONS		
No.	Description	Date

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DATE: 10/25/2021
SCALE: AS NOTED
SHEET NAME: CONTROL DIAGRAMS

SHEET NUMBER:
MES-H701

