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MORGAN MIDDLE SCHOOL
GUARANTEED ENERGY SAVINGS CONTRACT
MORGAN COUNTY BOARD OF EDUCATION
MORGAN COUNTY, WV

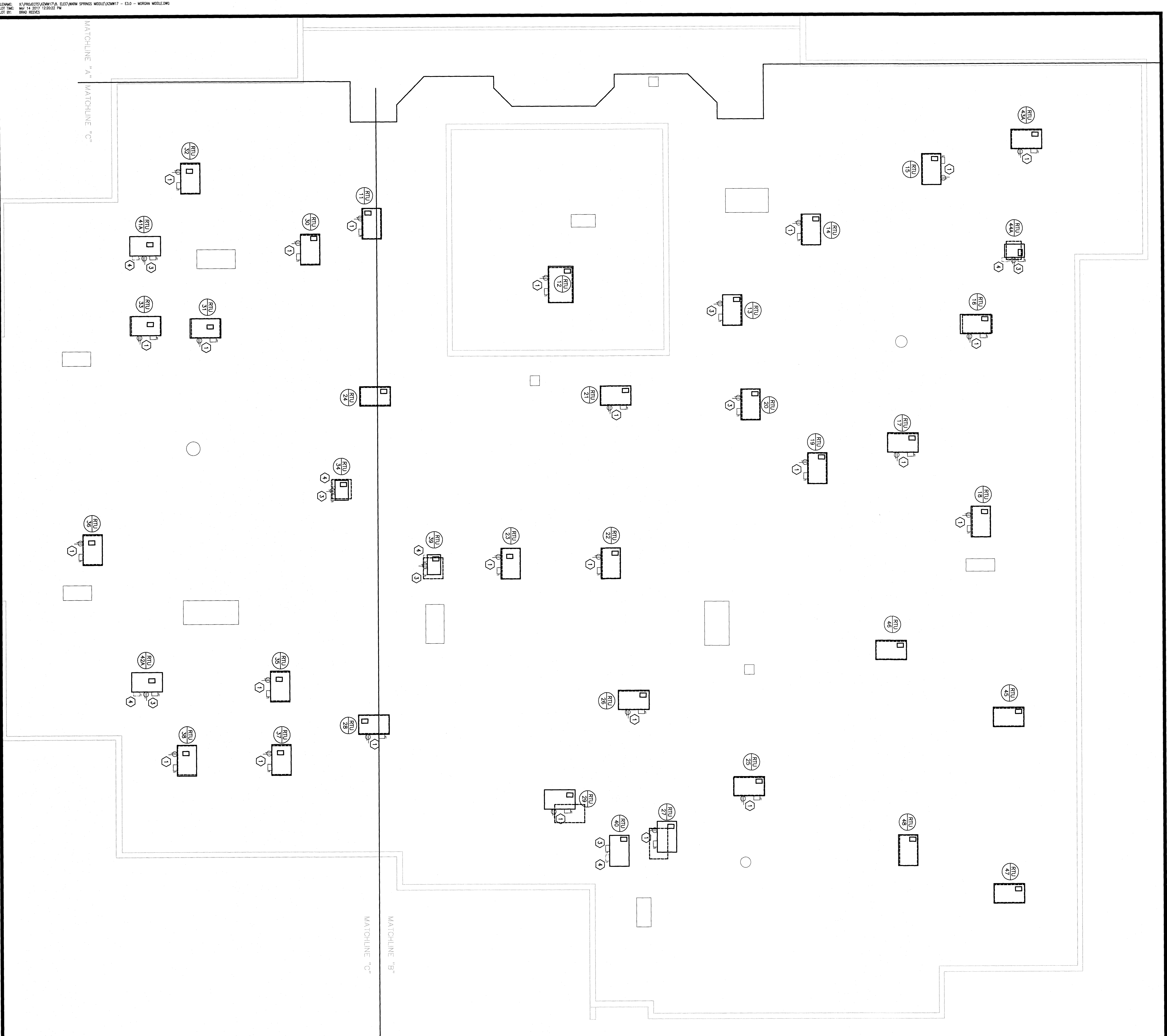
REVISIONS

DATE: 3/19/2012
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PROJECT: 2200017

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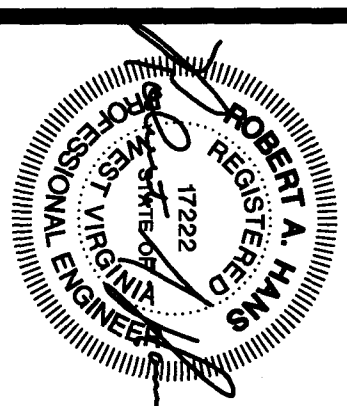

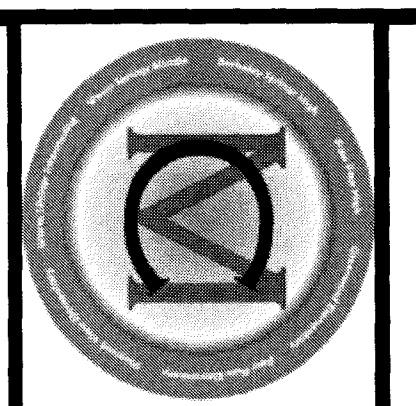
E4.0
MIDDLE SCHOOL

MORGAN MIDDLE SCHOOL ROOF TOP UNIT ELECTRICAL SCHEDULE										
RTU #	480V/3PH	208V/1PH	EXISTING CONDITION			NEW WORK			DISCONNECT FUSE SIZE (REPLACEMENT) FUSE AMPERAGE	LIQUID TIGHT FROM DISCONNECT TO ROOF TOP UNIT WIRE SIZE
			EXISTING DISCONNECT SIZE	EXISTING BREAKER SIZE	PANELBOARD	NEW RTU RATINGS SIZE (REPLACEMENT) MCCP	EXISTING BREAKER REPLACEMENT BREAKER SIZE			
1	X		100	70	1ADH2	39	40	40	3#8, #10G IN 3/4" C	
2	X		60	60	1ADH2	46	50	50	3#6, #10G IN 1" C	
3	X		100	90	1ADH2	46	50	50	3#6, #10G IN 1" C	
4	X		60	50	1ADH2	46	50	50	3#6, #10G IN 1" C	
5	X		200	175	1ADH2	117	125	125	3#1, #8G IN 1 1/2" C	
6	X		200	100	1ADH2	99	110	110	3#10, #10G IN 3/4" C	
7	X		60	35	1ADH2	28	30	30	3#6, #10G IN 3/4" C	
8	X		100	80	1ADH2	32	50	50	3#6, #10G IN 1" C	
9	X		60	35	1ADH2	32	50	50	3#6, #10G IN 1" C	
10	X		30	30	1ADH2	32	50	30	3#8, #10G IN 3/4" C	
11	X		30	35	1CDH1	28	30	30	3#10, #10G IN 3/4" C	
12	X		100	90	1BDH1	70	80	70	3#4, #8G IN 1 1/4" C	
13	X		60	25	1BDH1	35	30	50	3#6, #10G IN 3/4" C	
14	X		60	50	1BDH1	46	50	50	3#6, #10G IN 1" C	
15	X		60	50	1BDH1	46	50	50	3#6, #10G IN 1" C	
16	X		60	50	1BDH1	46	50	50	3#6, #10G IN 1" C	
17	X		60	50	1BDH1	46	50	50	3#6, #10G IN 1" C	
18	X		60	50	1BDH1	46	50	50	3#6, #10G IN 1" C	
19	X		60	50	1BDH1	46	50	50	3#6, #10G IN 1" C	
20	X		60	40	1BDH1	35	30	30	3#8, #10G IN 3/4" C	
21	X		60	45	1BDH1	28	30	30	3#6, #10G IN 3/4" C	
22	X		60	50	1BDH1	46	50	50	3#6, #10G IN 1" C	
23	X		60	50	1BDH1	46	50	50	3#6, #10G IN 1" C	
24	X		60	50	1CDH1	28	30	30	3#10, #10G IN 3/4" C	
25	X		60	35	1BDH2	46	50	50	3#6, #10G IN 1" C	
26	X		60	60	1BDH2	46	50	50	3#6, #10G IN 1" C	
27	X		60	60	1BDH2	46	50	50	3#6, #10G IN 1" C	
28	X		60	60	1BDH2	46	50	50	3#6, #10G IN 1" C	
29	X		60	60	1BDH2	46	50	50	3#6, #10G IN 1" C	
30	X		60	50	1CDH1	46	50	50	3#6, #10G IN 1" C	
31	X		60	60	1CDH1	46	50	50	3#6, #10G IN 1" C	
32	X		60	60	1CDH1	46	50	50	3#6, #10G IN 1" C	
33	X		60	60	1CDH1	46	50	50	3#6, #10G IN 1" C	
34	X		30	25	1CL2	50	50	50	3#8, #10G IN 3/4" C	
35	X		60	60	1CDH1	46	50	50	3#6, #10G IN 1" C	
36	X		60	60	1CDH1	46	50	50	3#6, #10G IN 1" C	
37	X		60	50	1CDH1	46	50	50	3#6, #10G IN 1" C	
38	X		60	50	1CDH1	46	50	50	3#6, #10G IN 1" C	
39	X		30	30	1BL2	50	50	50	3#6, #10G IN 1" C	
40	X		30	30	1BL3	50	50	50	3#6, #10G IN 3/4" C	
41	X		30	30	1CL2	50	50	50	3#6, #10G IN 3/4" C	
42	X		30	30	1CL2	50	50	50	3#6, #10G IN 3/4" C	
43	X		60	50	1BDH1	46	50	50	3#6, #10G IN 3/4" C	
44	X		30	30	1BL2	50	50	50	3#6, #10G IN 3/4" C	
45	X		NONE	50	1BDH2	46	50	50		
46	X		NONE	60	1BDH2	46	50	50		
47	X		NONE	50	1BDH2	46	50	50		
48	X		NONE	50	1BDH2	46	50	50		
RTU-49	X		200	200	1ADH1	99	110	110	3#4, #8G IN 1 1/2" C	



- GENERAL ELECTRICAL NOTES:
- A. THICK DOTTED LINES INDICATE ITEMS FOR REMOVAL (LOAD). THIN SOLID LINES INDICATE EXISTING ITEMS TO REMAIN AND THICK SOLID LINES INDICATE NEW WORK.
 - B. THE CONTRACTOR SHALL MAINTAIN THE CONTINUITY OF THE ELECTRICAL SYSTEM. ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC) AND ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND INSURANCE. THE CONTRACTOR SHALL MAINTAIN THE ELECTRICAL SYSTEM IN A SAFE AND SOUND CONDITION AT ALL TIMES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND SHALL BE RESPONSIBLE FOR THE REPAIR AND REPLACEMENT OF ANY UTILITIES DAMAGED DURING THE COURSE OF THE WORK. THE CONTRACTOR SHALL MAINTAIN THE ELECTRICAL SYSTEM IN A SAFE AND SOUND CONDITION AT ALL TIMES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND SHALL BE RESPONSIBLE FOR THE REPAIR AND REPLACEMENT OF ANY UTILITIES DAMAGED DURING THE COURSE OF THE WORK.
 - C. LOADINGS OF DEVICES, CONNECTIONS, ETC., INDICATED ON THIS SHEET SHALL BE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC) AND ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND SHALL BE RESPONSIBLE FOR THE REPAIR AND REPLACEMENT OF ANY UTILITIES DAMAGED DURING THE COURSE OF THE WORK. THE CONTRACTOR SHALL MAINTAIN THE ELECTRICAL SYSTEM IN A SAFE AND SOUND CONDITION AT ALL TIMES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND SHALL BE RESPONSIBLE FOR THE REPAIR AND REPLACEMENT OF ANY UTILITIES DAMAGED DURING THE COURSE OF THE WORK.
 - D. PROVIDE BLANK COVER PLATES FOR ALL BOXES THAT HAVE BEEN REMOVED. (SWITCHES, RECEPTACLES, ETC.) DEMOLISHED.
 - E. MAINTAIN EXCESS LIGHTING THROUGHOUT CONSTRUCTION PROCESS.
 - F. ALL TAPPED NOTES MAY NOT BE USED ON THIS SHEET.
 - G. WHERE SURFACE MOUNT CONDENSERS/DEVICES ARE DEMOLISHED AS PART OF THIS PROJECT, PATCH/REPAIR/PAIN AS REQUIRED.
 - H. CAREFULLY REMOVE CEILING TILES AS REQUIRED FOR DEMO WITH NEW WORK. REPLACE AND DAMAGED CEILING TILES WITH NEW.
 - I. REFER TO BID FOR ADDITIONAL NOTES AND INFORMATION.
 - J. REFER TO MORGAN MIDDLE SCHOOL PLUMBING ELECTRICAL SCHEDULE ON SHEET 014 FOR ADDITIONAL INFORMATION.

- TAPPED NOTES:
1. DISCONNECT EXISTING ELECTRICAL CONNECTION TO EXISTING ROOF TOP UNIT EXISTING RISERS IN ROOF TOP UNIT MOUNTED DISCONNECT EXTEND LIQUID-TIGHT FLEXIBLE CONDUIT FROM DISCONNECT TO NEW ROOF TOP UNIT. THE EXISTING DISCONNECT MAY BE ON OPPOSITE SIDE OF EQUIPMENT ELECTRICAL SCHEDULE FOR RISE SIZE AND WIRE SIZE (FOR FINAL CONNECTION FROM DISCONNECT TO NEW ROOF TOP UNIT), AND ADDITIONAL INFORMATION.
 2. PROVIDE NON-FLUORESCENT DISCONNECT, 600V, 60A, NEMA 3B, PULL 3/8" DIA. IN EXISTING 1/2" CONDUIT TO EXISTING PANELBOARD. REFER TO MORGAN MIDDLE SCHOOL PLUMBING ELECTRICAL SCHEDULE FOR RISE SIZE AND WIRE SIZE (FOR FINAL CONNECTION TO UNIT). UTILIZE LIQUID-TIGHT CONDUIT ON ROOF.
 3. DISCONNECT EXISTING ELECTRICAL CONNECTION TO EXISTING ROOF TOP UNIT FOR INSTALLATION OF NEW UNIT. EXTEND LIQUID-TIGHT FLEXIBLE CONDUIT FROM EXISTING DISCONNECT TO NEW ROOF TOP UNIT. THE EXISTING DISCONNECT MAY BE ON OPPOSITE SIDE OF EQUIPMENT ELECTRICAL SCHEDULE FOR RISE SIZE AND WIRE SIZE (FOR FINAL CONNECTION FROM DISCONNECT TO NEW ROOF TOP UNIT), AND ADDITIONAL INFORMATION.
 4. DEMO EXISTING 3/4" CONDUIT ABOVE ROOF LINE.

	<p>MORGAN MIDDLE SCHOOL GUARANTEED ENERGY SAVINGS CONTRACT MORGAN COUNTY BOARD OF EDUCATION MORGAN COUNTY, WV</p>	 <p>10411 Meeting Street Louisville, KY 40059 T 502 326.3085 F 859 326.2691 postmaster@cmtaegr.com</p>			
<p>E3.1 MIDDLE SCHOOL</p>	<p>REVISIONS</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 5%;">A. BIDDING</td> <td style="width: 95%;"></td> </tr> </table>	A. BIDDING			
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	<p>DATE: 3/10/2017 DRAWN BY: BS CHECKED BY: BHW PROJECT: ZMW17</p>				
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