

						<u> </u>			I
EM	DESCRIPTION	LOAD (WATTS)	VOLTS /PHASE	PANEL	WIRE & CONDUIT *	CONN .TYPE **	CONN LOC.	CONN HGT. **	REMARKS
2	REACH-IN REFRIGERATOR	6.9A	120V1PH	SH2 SECTION 2	(2)#12, (1)#12 G., 1/2" C.	DR	WALL	80"	1, 6
3	HEATED CABINET	17.5A	120V1PH	SH2 SECTION 2	(2)#10, (1)#10 G., 3/4" C.	DR	WALL	12"	2, 7
6	PIZZA PREP UNIT	6.7A	120V1PH	SH2 SECTION 2	(2)#12, (1)#12 G., 1/2" C.	DR	WALL	12"	1, 6
7	PIZZA OVEN	40A	208V3PH	SH2 SECTION 2	(3)#6 (1)#6 G., 1" C.	SR	WALL	36"	3, 9
1	PIZZA COUNTER	5.4A	120V1PH	SH2 SECTION 2	(2)#12, (1)#12 G., 1/2" C.	DR	FLOOR		1, 5, 6
3	SALAD COUNTER	6.3A	120V1PH	SH2 SECTION 2	(2)#12, (1)#12 G., 1/2" C.	DR	FLOOR		1, 5, 6
15	COLD FOOD COUNTER	6.3A	120V1PH	SH2 SECTION 2	(2)#12, (1)#12 G., 1/2" C.	DR	FLOOR		1, 5, 6
6	HOT FOOD COUNTER	24A	208V1PH	SH2 SECTION 2	(2)#10, (1)#10 G., 3/4" C.	SR	FLOOR		4, 5, 8
8	GRAB-N-GO REFRIGERATOR	12A	120V1PH	SH2 SECTION 2	(2)#12, (1)#12 G., 1/2" C.	DR	WALL	12"	1, 6
20	ICE CREAM FREEZER	3.5A	120V1PH	SH2 SECTION 2	(2)#12, (1)#12 G., 1/2" C.	DR	FLOOR		1, 5, 6
24	OPEN AIR MILK COOLER	12A	120V1PH	SH2 SECTION 2	(2)#12, (1)#12 G., 1/2" C.	DR	FLOOR		1, 5, 6
:5	WORKTOP REFRIGERATOR	2.46A	120V1PH	SH2 SECTION 2	(2)#12, (1)#12 G., 1/2" C.	DR	WALL	12"	1, 6
27	PANINI GRILL	15A	120V1PH	SH2 SECTION 2	(2)#12, (1)#12 G., 1/2" C.	DR	WALL	48"	1, 6
.8	VENTILATION UNIT	5.5A	120V1PH	SH2 SECTION 2	(2)#12, (1)#12 G., 1/2" C.	DR	WALL	48"	1, 6
30	SANDWICH UNIT	4.5A	120V1PH	SH2 SECTION 2	(2)#12, (1)#12 G., 1/2" C.	DR	FLOOR		1, 5, 6

REMARKS

1. RECEPTACLE TO BE A NEMA 5-15P

2. RECEPTACLE TO BE A NEMA 5-20P

3. RECEPTACLE TO BE A NEMA 15-50P

4. RECEPTACLE TO BE A NEMA 6-50P

NEUTRAL TO EVERY CONNECTION

** CONNECTION TO BE COORDINATED WITH SUBMITTED AND APPROVED EQUIPMENT

** CONNECTION TO BE COORDINATED WITH SUBMITTED AND APPROVED EQUIPMENT

9. PROVIDE 204T BREAKER IN AVAILABLE OF ACE IN PANEL INDICATED.

7. PROVIDE 30A1P BREAKER IN AVAILABLE SPACE IN PANEL INDICATED.

9. PROVIDE 50A3P BREAKER IN AVAILABLE SPACE IN PANEL INDICATED.

PROVIDE HUBBELL SA-6685 PEDESTAL TYPE BOX.
 PROVIDE 20A1P BREAKER IN AVAILABLE SPACE IN PANEL INDICATED.

CONNECTOR TYPE SR - SINGLE OUTLET

DR - DOUBLE OUTLET

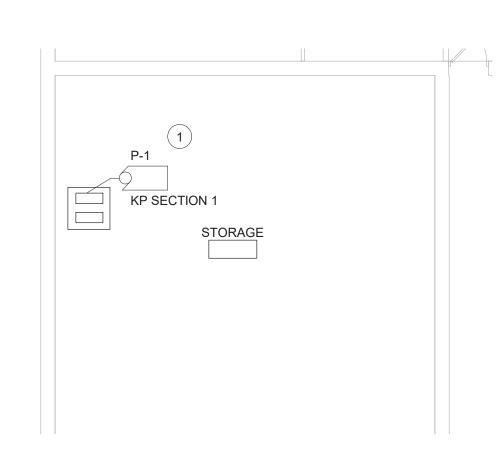
NOTES

* CONTRACTOR SHALL PROVIDE A
NEUTRAL TO EVERY CONNECTION

GENERAL NOTE: ALL CIRCUITS SUPPLYING RECEPTACLES SHALL BE GROUND FAULT PROTECTED.

ACCOUNTS AND ACCOUNTS CALLING MICHAEL OF THE CALLING MICHAEL OF THE

Basement Cafeteria & Kitchen Power & Communications Plan - Area B



Basement Storage Power & Communications Plan - Area B

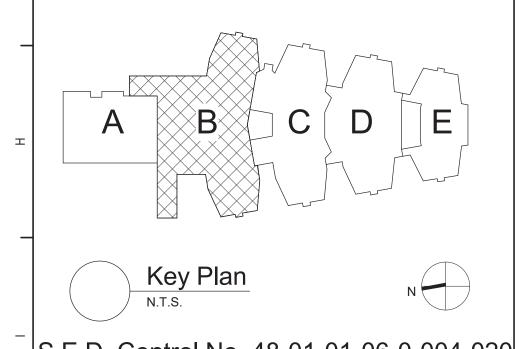
Keyed Notes

- 1 PROVIDE 40A3P BREAKER IN AVAILABLE SPACE IN PANEL INDICATED. CONNECT USING (3)#8, (1)#10G. IN 3/4" CONDUIT. NEW BREAKER TO BE UL LISTED FOR USE IN PANEL AND MEET OR EXCEED AIC RATING OF EXISTING PANEL. AMEND PANEL DIRECTORY ACCORDINGLY.
- 2 RE-CONNECT POWER CIRCUITRY PREVIOUSLY SERVING HVAC EQUIPMENT INDICATED. EXTEND/MODIFY CIRCUITRY AS REQUIRED.
- PROVIDE 20A1P BREAKER IN AVAILABLE SPACE IN PANEL INDICATED. CONNECT USING (2)#12, (1)#12 G. IN 1/2" CONDUIT. NEW BREAKER TO BE UL LISTED FOR USE IN PANEL AND MEET OR EXCEED AID RATING OF EXISTING PANEL. AMEND PANEL DIRECTORY ACCORDINGLY.

General Notes

A. REFER TO DRAWING AE050 FOR GENERAL AND DEMOLITION NOTES.

B. CONNECT ALL LUMINAIRES AND GENERAL RECEPTACLES WITH
(2)#12, #12G IN 1/2" C TO PANEL AS INDICATED.



S.E.D. Control No. 48-01-01-06-0-004-020

1 02/11/2021 BID Addendum No 1

Rev. No.: Date: Description:



complex world CLEAR SOLUTIONS





Drawing Number:

AE161

Mahopac Central School District Mahopac, NY

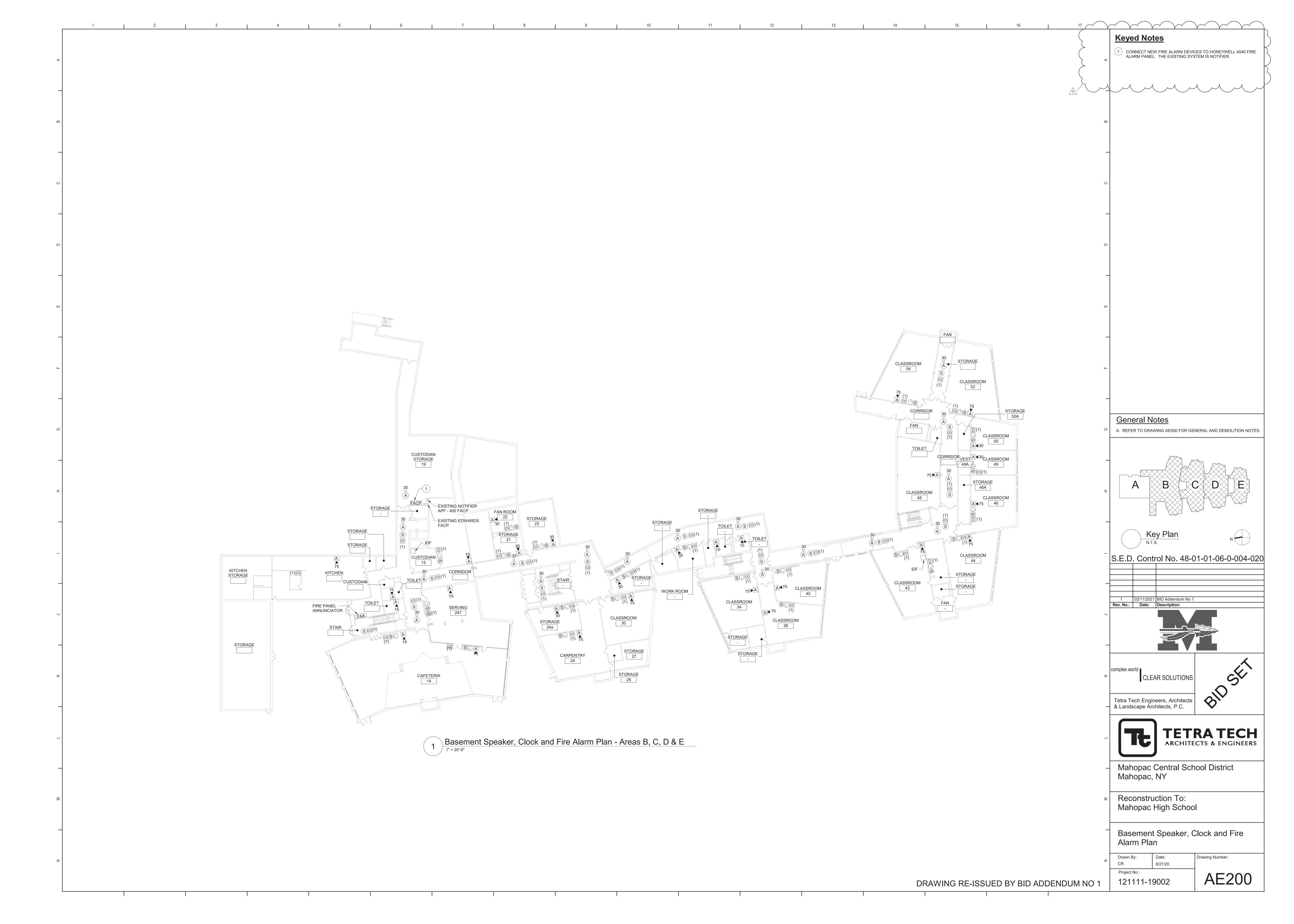
Reconstruction To: Mahopac High School

Partial Basement Power & Communications Plans

CR 8/21/20

Project No.:

DRAWING RE-ISSUED BY BID ADDENDUM NO 1 121111-19002



		T							1																					-		
PANEL NAME	AREA IN BUILDING	ROOM	MOUNTING	EXG NUM OF SPACES	REPLACEMENT NUM OF	VOLTAGE /	PANEL RATING (A)	PANEL LUG RATING	MAIN CIRCUIT BREAKER REQUIRED (RATING)	PANEL AIC	1P15	1P20 1P20 GFCI	1P30	1P50 2P15	2P20	2P30	2P60	2P100	3P15	3P20 3P30	3P40 3P50	3P60	3P70 3P80	3P90	3P100	3P150 3P175	3P200	3P225 3P250	3P300	က ၊	3P400	3P3000 NOTES
OL	Basement	Custodial Storage 019	Surface	24	24	120/208/3F	100A	100A	-	10K		22		2																		
EX	Basement	Custodial Storage 019	Surface	12	12	120/208/3F	100A	100A	_	10K	7	2							1													
GB1	Basement	+	 		42			225A	_	10K	1	25	+							3		1										
KP SECTION 1	Basement	Kitchen 007	Recessed		42		+	400A	_	10K	3	5	+			2 1	,		2	1 2		 	1									
KP SECTION 2		Kitchen 007			42	120/208/3F	+	400A	_	10K		18	+			1	-		1	1 2	2	+ +	<u> </u>				+		+			
	Basement	+	Recessed	+	42	_	+	400A	-	+	9	0	+			'				<u> </u>	2	+ +						4				
SH1 SECTION 1	Basement	Tech Room 024	Surface		/	120/208/3F	+	-	225A	10K		6	_									+				_		1				
SH1 SECTION 2	Basement	Tech Room 024	Surface		24	120/208/3F	+	225A	-	10K									8								+		+			
SH1 SECTION 3	Basement	Tech Room 024	Surface	42	42	120/208/3F	+	225A	-	10K		9 9			1	1			3	1	1						\perp		\perp			
SH2 SECTION 1	Basement	Serving	Recessed	7	7	120/208/3F	250A	-	250A	10K		6																1				
SH2 SECTION 2	Basement	Serving	Recessed	12	42	120/208/3F	400A	400A	-	10K		2							2		1											
SH2 SECTION 3	Basement	Serving	Recessed	42	42	120/208/3F	400A	400A	-	10K	1	17 8	4		2	2			3	1	2											
SH3 SECTION 1	Basement	Cafeteria	Recessed	7	7	120/208/3F	225A	-	225A	10K		6																1				
SH3 SECTION 2	Basement	Cafeteria	Recessed		9	120/208/3F	+	225A	_	10K		8	1								1	+ +										
SDP	Basement		Floor	1	1	120/208/3	+		2500A	10K	$\downarrow \uparrow \uparrow$		+_		\supset		+	$\downarrow \vdash$				1 -				$\overline{}$			+ 1	$\overline{}$		
GBB		Custodial Storage 019	Surface	15	15	120/208/3F		200A	7-	V10K	 		+		\rightarrow	1		\rightarrow		V1 2	$\overline{}$			\checkmark	7	\rightarrow		$\overline{}$	$\forall \neg \uparrow$	\rightarrow	-	
RP I	TBD	TBD	Surface	+	30	120/208/3F	+	100A	60A	10K	+ +	'	+		+ '	 	+	+ '		-		 		+	-				1 1	+		**PROVIDE (6)30A 3P BREAKERS
51		+		+			+	100A	-	+	+		+						+	++		1 2		+	1	-	0		+		1	
MDP1	Basement	+	Floor				+	-	2500A	65K			-						-	-+		3	_	+	4		8		+		4	
MDP2	1st Floor	<u> </u>	Floor	$+$ \wedge	-	ard 120/208/3F	+	800A	800A	10K							 ,	\bot			\leftarrow	4	$\overline{\lambda}$	+	4	\rightarrow	6		\downarrow	$\overline{\mathcal{A}}$	5	
AP	1st Floor	+	 				+	225A		10K	1	<u>イ厂</u>	\perp	$\vdash \bot$		R I	+	1	u	187	4	+		¥ 1	\preceq		41	\mathcal{A}			1	
1A1	1st Floor	Janitor Closet 129	Recessed	42	42			225A	-	10K		39							1 1													
1A2	1st Floor	Corridor 131	Recessed	30	30	120/208/3F	225A	225A	-	10K		14		1		1																
1A3	1st Floor	Outside 120 Janitor CL.	Recessed	36	36	120/208/3F	225A	225A	-	10K		36													T							
1A4	1st Floor	Gym Storage 116	Surface	18	18	120/208/3F	100A	100A	-	10K		17																				
1B1	1st Floor	Stairway across 186 Rm	Recessed	42	42	-	+	400A	_	10K		36	1							1	1	1 1					1 1		1 1	\top		
1B2		Corridor across 184 Rm					+	400A	_	10K		39	1				\dashv	1		1							+ +		+ +	$\overline{}$		
1B3		Corridor outside 189 Rm						400A		10K	+	36	2	+ +		2 2	,	1	2	++		+ +		+			+ +		+ +	$\overline{}$		
1B4		Corridor outside 199 Rm				_		225A	-	10K	+	45	+-		1	- -	·	+ '	1	+++		+ +		+		$\overline{}$	+ +		+ +			
						_	+		-	-	+		+				_	-	1 1					+						-		
SP	1st Floor		Recessed				+	400A	-	10K	+	34	+ .		12				1			+ +		+			+		+			
2A1 SECTION 1		Corridor outside 218 Rm						225A	-	10K	+	14	4							2				\perp			+		+			
2A1 SECTION 2		Corridor outside 218 Rm	+				+	225A	-	10K	+	24								\perp		\bot		\perp			4		4			
2A2		Corridor across 201 Rm	1	+				225A	-	10K	1 1	37	1							1												
2B1		Corridor outside 242 Rm	ļ		36	120/208/3F	400A	400A	-	10K		33							1													
2B2	2nd Floor	Corridor outside 268 Rm	Recessed	30	30	120/208/3F	400A	400A	-	10K		22				1			2													
2B3 SECTION 1	2nd Floor	Corridor outside 253 Rm	Recessed	30	42	120/208/3F	200A	-	200A	10K		38	2												T							
2B3 SECTION 2	2nd Floor	Corridor outside 253 Rm	Recessed	30	42	120/208/3F	200A	-	200A	10K		36				1			1													
2B4	2nd Floor	Corridor outside 260 Rm	Recessed	42	42	120/208/3F	225A	225A	-	10K		31	2						1		2			1 1								
LPSC1	2nd Floor	+	Surface		24		+	60A	_	10K		22	1	1 1								+ +										
LPSC2	2nd Floor	+	Surface		24			100A	_	10K	+	23	+				\dashv		+	++		+ +		+		-				$\overline{}$	-+	
				+	- -	3,230,31			+			-	+	+ +				+		++		+ +		+			+ +		+ +	$\overline{}$		
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1 Panel Replacement Schedule

	LUMINAIRE SCHEDULE ***ALL LUMINAIRES ARE 120V ***ALL LUMINAIRES ARE 120V											
ITEM	SYMBOL	ITEM		LAMPS		MANU	JFACTURERS (OR EQUAL)*	NOTE				
IIEW	SYMBOL	I I EIVI	LUMENS	WATTAGE	TYPE	NAME	MODEL OR SERIES					
1		2' X 2' RECESSED TROFFER	4500	42	LED	SIGNIFY	2FXP-45L-835-2-DS-UNV-DIM					
1EM		2' X 2' RECESSED TROFFER WITH INTEGRAL BATTERY BACKUP	4500	42	LED	SIGNIFY	2FXP-45L-835-2-DS-UNV-DIM- EMLED					
2		2.25" APERATURE WITH 12" BAFFLE ACOUSITIC SUSPENDED LINEAR	1655	4.6	LED	FINELITE	HP-2-B-P-D-4'-835-F-SC-FC-10%-C4-FE					
2EM		2.25" APERATURE WITH 12" BAFFLE ACOUSITIC SUSPENDED LINEAR AND INTEGRAL BATTERY BACKUP	1655	4.6	LED	FINELITE	HP-2-B-P-D-4'-835-F-SC-FC-10%-C4-FE BSL310LP	-				
3		2.25" X 4' APERATURE REGRESSED 1" DIFFUSER SURFACE MOUNT LINEAR	1486	4.6	LED	FINELITE	HP-2-SM-D-4-B-835-RG-D-120-SC- FC-10%-C4-FE					
3ЕМ		2.25" X 4' APERATURE 1" REGRESSED DIFFUSER SURFACE MOUNT LINEAR WITH INTEGRAL BATTERY BACKUP	1486	4.6	LED	FINELITE	HP-2-SM-D-4-B-835-RG-D-120-SC- FC-10%-C4-FE-BSL310LP					
3A		2.25" X 4' APERATURE REGRESSED 1" DIFFUSER RECESSED LINEAR	1486	4.6	LED	FINELITE	HP-2-R-D-2-B-835-RG-D-120-SC- FC-10%-C4-FE	REFER TO PLANS FOR LENGTH AN CORNERS				
4		2.25" X 4' APERATURE WITH SUSPENDED LINEAR	1486	4.6	LED	FINELITE	HP-2-B-P-D-4'-835-F-SCFC-10%-C4-FE					
4EM		2.25" X 4' APERATURE WITH SUSPENDED LINEAR WITH INTEGRAL BATTERY BACKUP	1486	4.6	LED	FINELITE	HP-2-B-P-D-4'-835-F-SCFC-10%-C4-FE- BSL310LP					
5	\circ	3.5" DIAMETER 12" CYLINDER PENDANT	950	18	LED	INTENSE LIGHTING	MXPRD-TW2-2-D10V1-WF-FR					
6	\bigcirc	4" DIAMETER RECESSED DOWNLIGHT	1000	20	LED	INTENSE LIGHTING	4-R-N-Z4RDL-10-835-W-O-CD-Z10-U					
7		.30" X 1.14" DISPLAY TASK LINEAR LIGHT	418lm/ft	4.1	LED	VODE LIGHTING	707-Z1-SL	REFER TO PLANS FOR LENGTH				
8		2.25"X 4' RECESSED LINEAR	1692	4.6	LED	FINELITE	HP-2-R-D-4'-B-835-F-SC-FC-10%-C4-FE					
8EM		2.25"X 4' RECESSED LINEAR WITH INTEGRAL BATTERY BACKUP	1692	4.6	LED	FINELITE	HP-2-R-D-4'-B-835-F-SC-FC-10%-C4-FE BSL310LP	-				
9	\bigcirc	4" DIAMETER RECESSED SHOWER DOWNLIGHT	1000	11	LED	SIGNIFY (LIGHTOLIER)	4-R-N-Z4RDL-10-835-W-O-CD-Z10-U					
9EM	•	4" DIAMETER RECESSED SHOWER DOWNLIGHT WITH INTEGRAL BATTERY BACKUP	1000	11	LED	SIGNIFY (LIGHTOLIER)	4-R-N-Z4RDL-10-835-W-O-CD-Z10- U-EM					
10	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	48" X 46" X 38" CABLE MOUNTED ALUMINIUM/GLASS CHANDELIER		750	LED	NEMO LIGHTING	CRO HOW 52					
20		EXIT SIGN (SINGLE FACE)		2.5	LED	SIGNIFY (CHLORIDE)	ER46L-1-W-R	SEE PLANS FOR DIRECTIONAL INDICATORS				
21		EXIT SIGN (DOUBLE FACE)		2.5	LED	SIGNIFY (CHLORIDE)	ER46L-2-W-R	SEE PLANS FOR DIRECTIONAL INDICATORS				
30	4	BATTERY PACK EMERGENCY LIGHT		.027	LED	SIGNIFY	CLUN-W					



A. REFER TO DRAWING AE050 FOR GENERAL AND DEMOLITION NOTES.

S.E.D. Control No. 48-01-01-06-0-004-020

1 02/11/2021 BID Addendum No 1

Rev. No.: Date: Description:



clear solutions

Tetra Tech Engineers, Architects & Landscape Architects, P.C.





Mahopac Central School District Mahopac, NY

Reconstruction To: Mahopac High School

Schedules

Drawn By: Date: Drawing Number: CR 8/21/20

Project No.:

121111-19002

AE600

