



Keyed Notes:
1 SECTION OF UNDERGROUND ELECTRIC TO BE RE-ROUTED TO FOR WATER-LINE. MAINTAIN EXISTING RACEWAY, CONDUCTOR SIZE.

S.E.D. Control No. 48-01-01-06-006-013
S.E.D. Control No. 48-01-01-06-7-026-001
S.E.D. Control No. 48-01-01-06-0-003-008
S.E.D. Control No. 48-01-01-06-0-004-020

1	2/22/21	BID Addendum No 3
Rev. No.:	Date:	Description:


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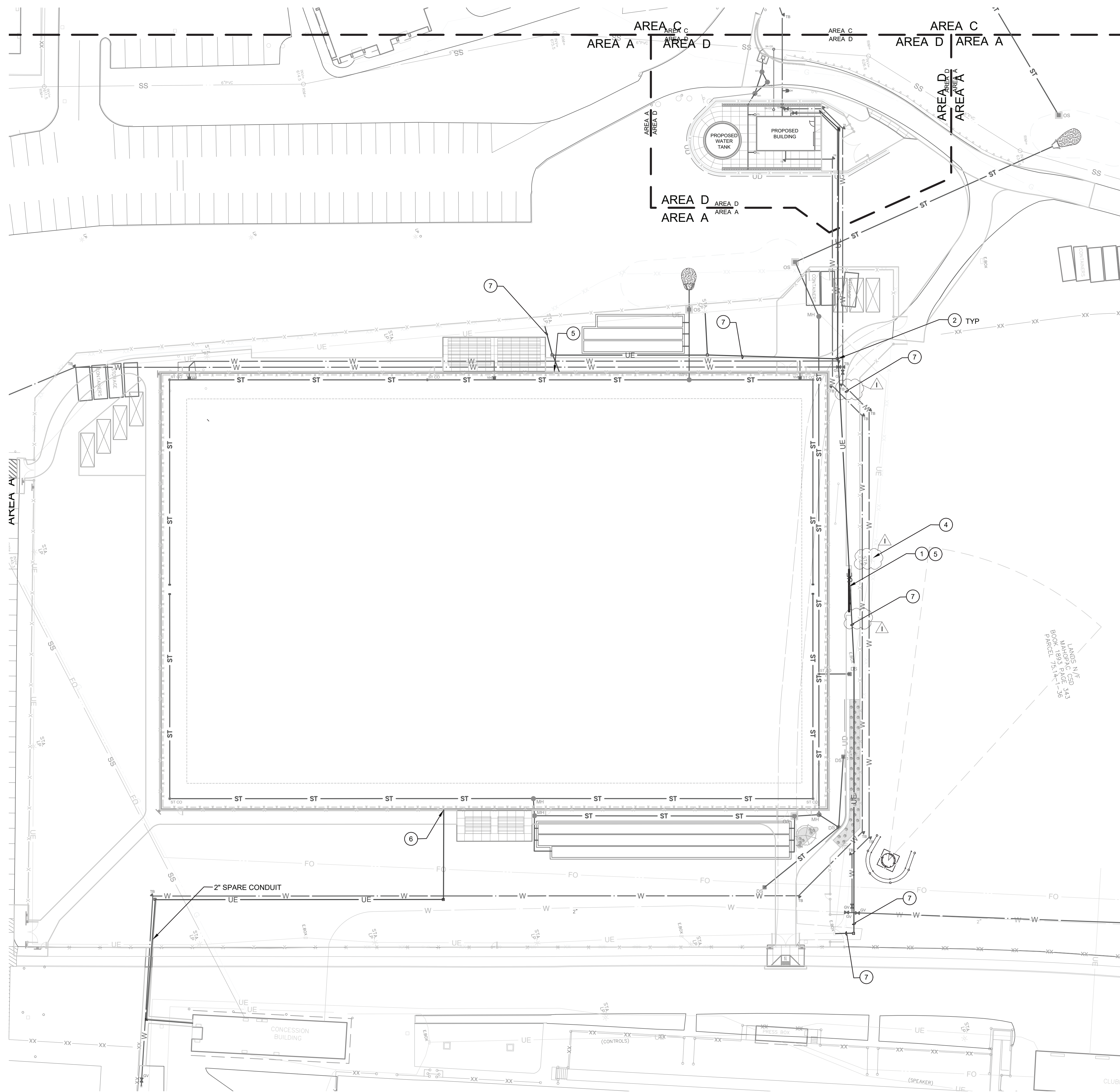
Mahopac Central School District
Mahopac, NY

Reconstruction to:
Mahopac High School

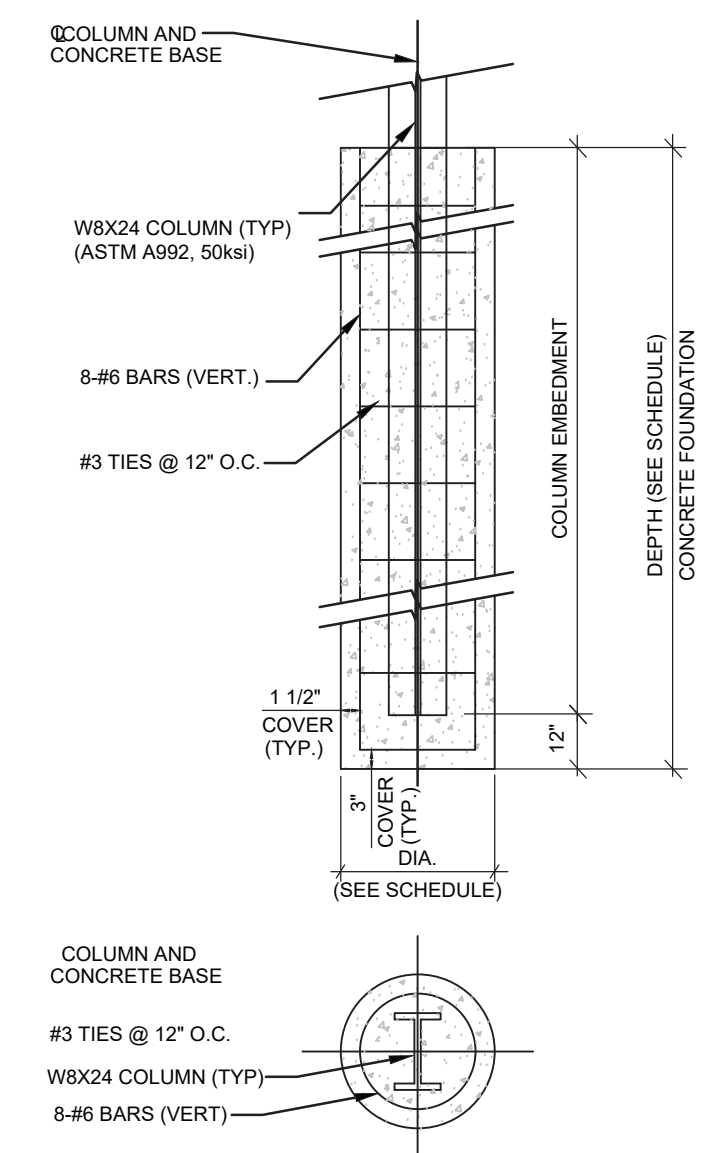
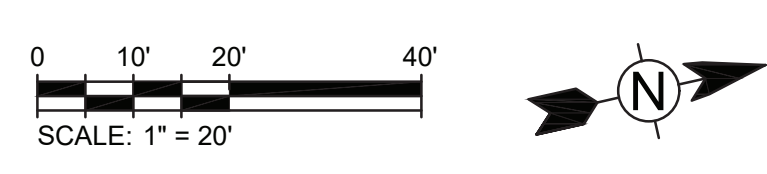
Electrical Site Demolition Plan

Drawn by: SGV/km	Date: 08/21/20	Drawing No.:
T+ Project No.:		AE001
121111-19002		

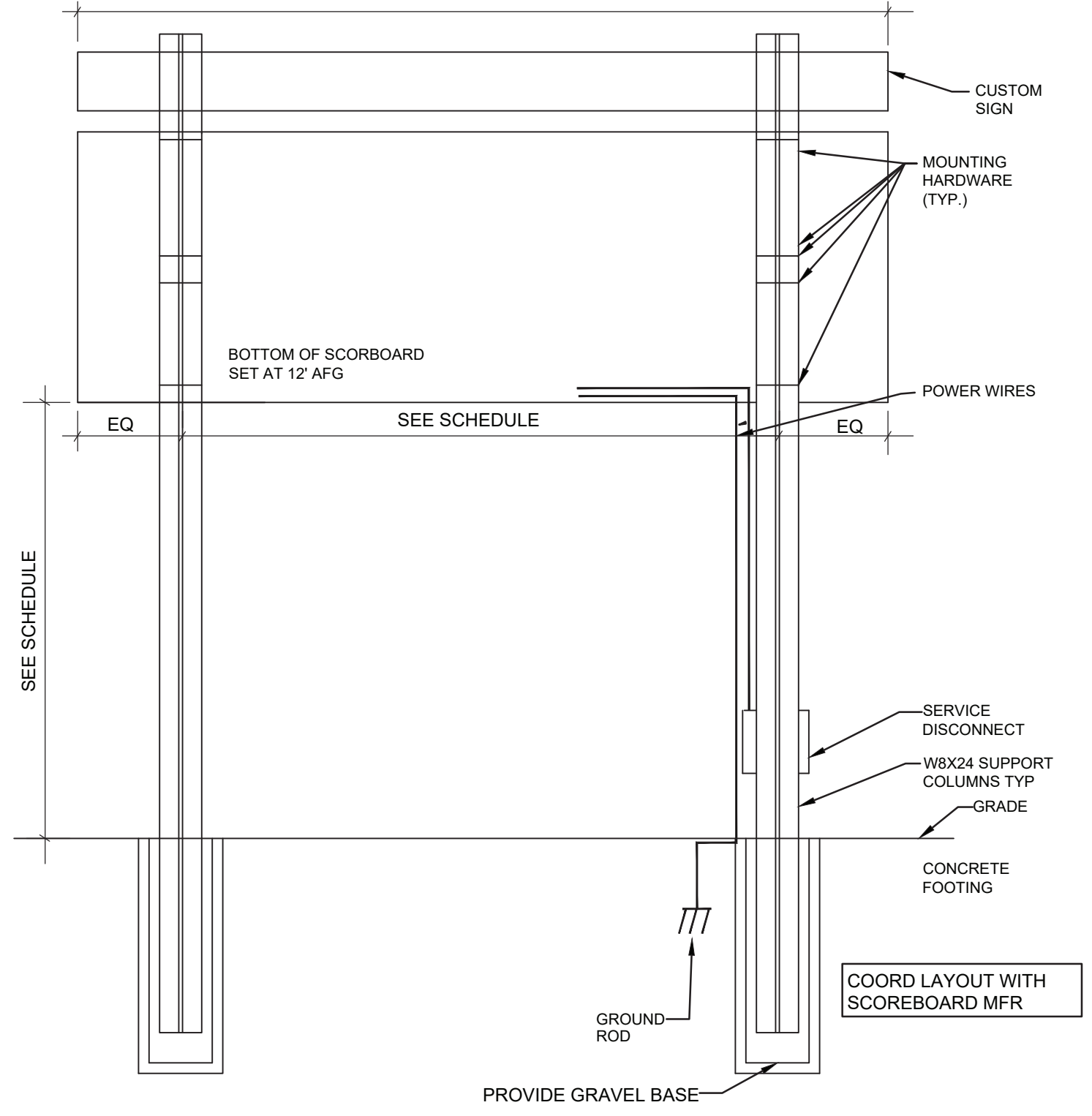
DRAWING RE-ISSUED BY BID ADDENDUM NO 3



1 Electrical Site Demolition Plan
1" = 30'

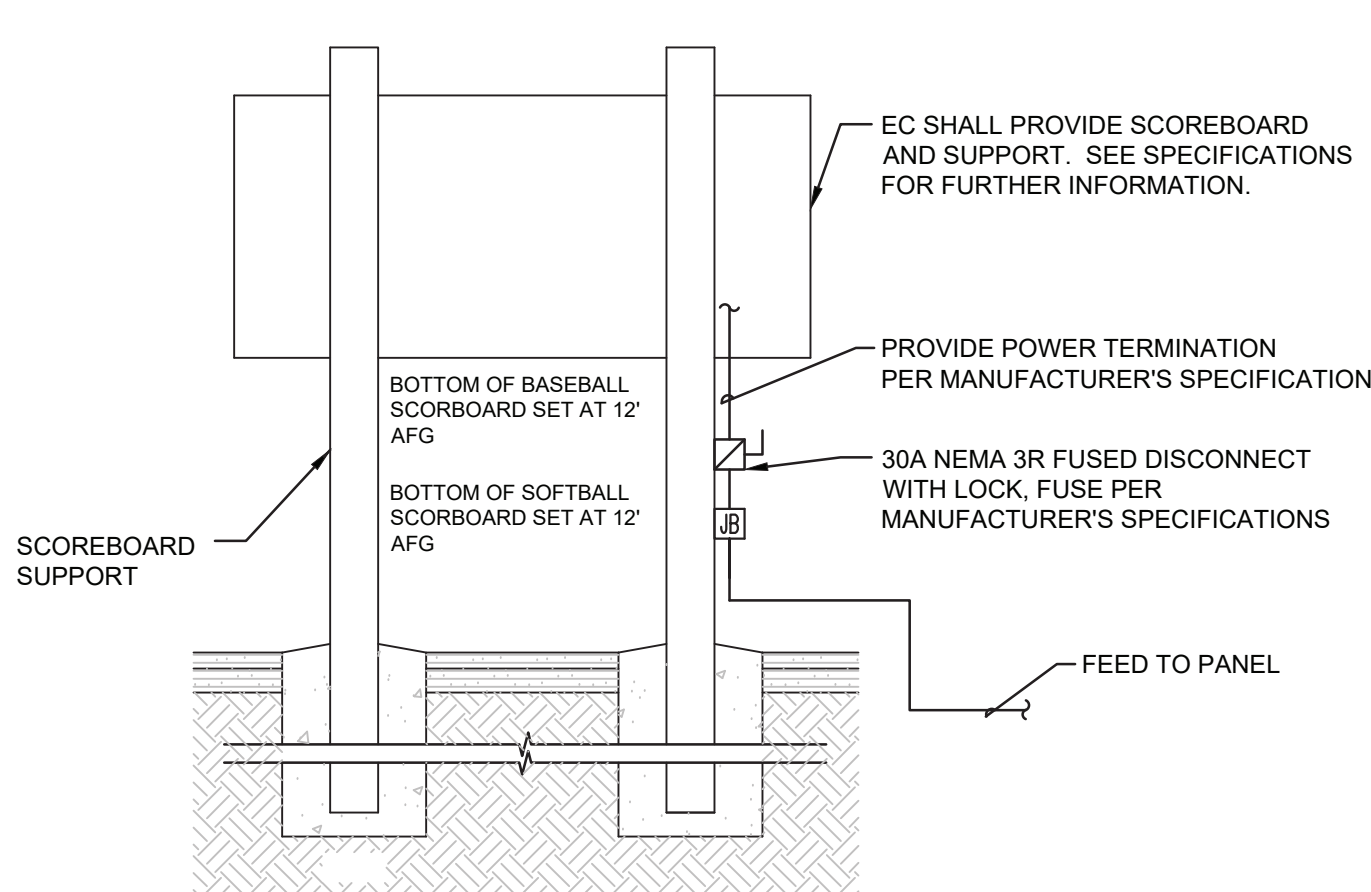


2 Scoreboard Support Detail
No Scale



3 Scoreboard Mounting Detail
No Scale

SCOREBOARD SCHEDULE					
LOCATION	FOOTING		COLUMN		NOTES
	DIA.	DEPTH	SIZE	HEIGHT ABOVE GRADE	
FOOTBALL FIELD	3'-0"	11'-0"	W12X53	12'-0"	5'-0"



4 Scoreboard Installation Detail
No Scale

OVERALL LENGTH - COORDINATE WITH MANUFACTURER

- Keyed Notes:**
- 1 PROVIDE SCOREBOARD AND ASSOCIATED SUPPORT. REFER TO SPECIFICATIONS FOR FURTHER INFORMATION. PROVIDE 20A1P BREAKER, CIRCUIT (2) #6, (1) #6 G IN 1" CONDUIT FOR CONNECTION OF SCOREBOARD. CIRCUIT TO PANEL PH1 IN PUMP HOUSE.
 - 2 PROVIDE A QUAZITE 17" x 17" x 30" DEEP SPLICE/PULL BOX WITH "ELECTRIC" COVER.
 - 3 NOT USED
 - 4 MAINTAIN LIGHT POLE DURING WATERLINE CONSTRUCTION.
 - 5 PROVIDE NEMA 3R RECEPTACLE IN WEATHERPROOF ENCLOSURE AND 20A1P BEAKER, CIRCUIT (2) #6, (1) #6 G IN 1" CONDUIT CIRCUIT TO PANEL PH1 IN PUMP HOUSE. MOUNT 18" AFG, COORDINATE ALL WORK WITH FENCE INSTALLATION.
 - 6 PROVIDE NEMA 3R RECEPTACLE IN WEATHERPROOF ENCLOSURE AND 20A1P BEAKER, CIRCUIT (2) #6, (1) #6 G IN 1" CONDUIT CIRCUIT TO PANEL PH1 IN CONCESSION STAND. MOUNT 18" AFG, COORDINATE ALL WORK WITH FENCE INSTALLATION.
 - 7 MAINTAIN EXISTING RACEWAY AND CONDUCTOR SIZE AND RELOCATE.

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Rev. No.: 2/22/21 Date: BID Addendum No 3 Description:



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Mahopac Central School District
Mahopac, NY

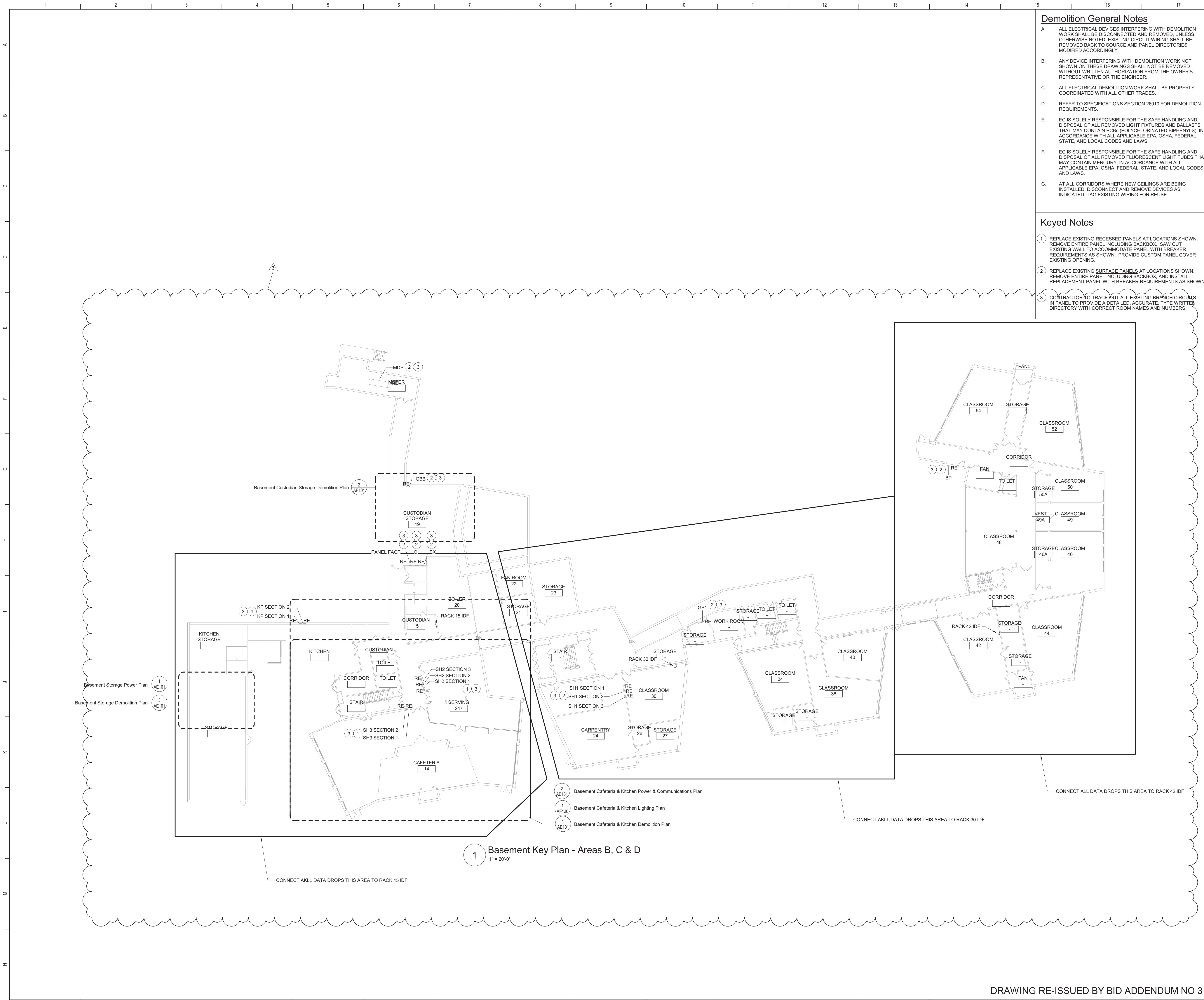
Reconstruction to:
Mahopac High School

Electrical Site Plan - Site Lighting and Scoreboard

Drawn by: CR Date: 08/21/20 Drawing No.: T+ Project No.: 121111-19002

AE002

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Demolition General Notes

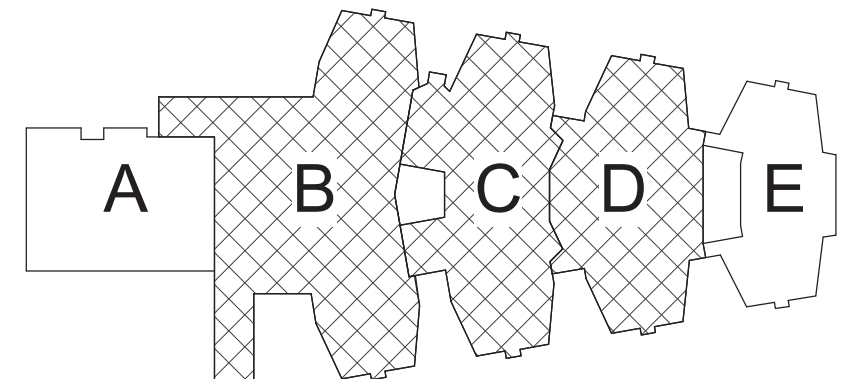
- A. ALL ELECTRICAL DEVICES INTERFERING WITH DEMOLITION WORK SHALL BE DISCONNECTED AND REMOVED, UNLESS OTHERWISE NOTED. EXISTING CIRCUIT WIRING SHALL BE REMOVED BACK TO SOURCE AND PANEL DIRECTORIES MODIFIED ACCORDINGLY.
- B. ANY DEVICE INTERFERING WITH DEMOLITION WORK NOT SHOWN ON THESE DRAWINGS SHALL NOT BE REMOVED WITHOUT WRITTEN AUTHORIZATION FROM THE OWNER'S REPRESENTATIVE OR THE ENGINEER.
- C. ALL ELECTRICAL DEMOLITION WORK SHALL BE PROPERLY COORDINATED WITH ALL OTHER TRADES.
- D. REFER TO SPECIFICATIONS SECTION 26010 FOR DEMOLITION REQUIREMENTS.
- E. EC IS SOLELY RESPONSIBLE FOR THE SAFE HANDLING AND DISPOSAL OF ALL REMOVED LIGHT FIXTURES AND BALLASTS THAT MAY CONTAIN PCBs (POLYCHLORINATED BIPHENYLS), IN ACCORDANCE WITH ALL APPLICABLE EPA, OSHA, FEDERAL, STATE, AND LOCAL CODES AND LAWS.
- F. EC IS SOLELY RESPONSIBLE FOR THE SAFE HANDLING AND DISPOSAL OF ALL REMOVED FLUORESCENT LIGHT TUBES THAT MAY CONTAIN MERCURY, IN ACCORDANCE WITH ALL APPLICABLE EPA, OSHA, FEDERAL, STATE, AND LOCAL CODES AND LAWS.
- G. AT ALL CORRIDORS WHERE NEW CEILING ARE BEING INSTALLED, DISCONNECT AND REMOVE DEVICES AS INDICATED. TAG EXISTING WIRING FOR REUSE.

Keyed Notes

- 1. REPLACE EXISTING RECESSED PANELS AT LOCATIONS SHOWN. REMOVE ENTIRE PANEL INCLUDING BACKBOX. SAW CUT EXISTING WALL TO ACCOMMODATE PANEL WITH BREAKER REQUIREMENTS AS SHOWN. PROVIDE CUSTOM PANEL COVER EXISTING OPENING.
- 2. REPLACE EXISTING SURFACE PANELS AT LOCATIONS SHOWN. REMOVE ENTIRE PANEL INCLUDING BACKBOX, AND INSTALL REPLACEMENT PANEL WITH BREAKER REQUIREMENTS AS SHOWN.
- 3. CONTRACTOR TO TRACE OUT ALL EXISTING BRANCH CIRCUITS IN PANEL TO PROVIDE A DETAILED, ACCURATE, TYPE WRITTEN DIRECTORY WITH CORRECT ROOM NAMES AND NUMBERS.

General Notes

- A. COORDINATE ALL ELECTRICAL WORK AND POWER OUTAGES WITH OWNER AND OTHER TRADES PRIOR TO THE START OF CONSTRUCTION. NO POWER OUTAGES SHALL OCCUR WITHOUT OWNERS PRIOR KNOWLEDGE AND CONSENT.
- B. REFER TO DRAWING SA FOR STANDARD SYMBOLS AND ABBREVIATIONS.
- C. AT ALL CORRIDORS WHERE NEW CEILING ARE BEING INSTALLED, REINSTATE DEVICES ON NEW CEILING AS SHOWN ON NEW WORK DRAWINGS AND EXTEND/MODIFY EXISTING CIRCUITRY AS REQUIRED.
- D. CIRCUIT WIRING FOR ALL LIGHTING CIRCUITS SHALL BE IN 1/2" EMT CONDUIT (MIN) OR TYPE MC CABLE CONCEALED ABOVE CEILING AND IN WALLS (REFER TO SPECIFICATION SECTION 26 05 33 FOR LOCATIONS WHERE MC CABLE IS ACCEPTABLE). ALL CIRCUIT CONDUCTORS SHALL BE #12AWG COPPER (MIN) 90°C THHN THERMOPLASTIC INSULATION.
- E. PROPERLY IDENTIFY ALL CIRCUITS AT PANELS AND J-BOXES AND IN ACCORDANCE WITH PROJECT SPECIFICATIONS.
- F. PROVIDE ALL ADAPTERS, COUPLINGS AND ASSOCIATED FITTINGS REQUIRED FOR COMPLETE OPERATIONAL SYSTEM.
- G. INSTALL CHAIN-HUNG LIGHT FIXTURES AFTER ALL MECHANICAL AND PLUMBING EQUIPMENT, PIPING AND DUCTWORK HAVE BEEN INSTALLED.
- H. WHEN INSTALLING NEW DEVICES IN EXISTING LOCATIONS, REUSE EXISTING CONDUIT/RACEWAY AND BACK BOXES IF IN GOOD CONDITION. EXTEND/INSTALL NEW CONDUIT/RACEWAY AS REQUIRED FOR PROPER MOUNTING OF DEVICE. CONCEAL ABOVE CEILING OR WITHIN WALLS WHERE POSSIBLE. REFER TO SPECIFICATION SECTION 26 05 33.
- J. UNLESS NOTED ELSEWHERE ON THE CONTRACT DOCUMENTS, THE FOLLOWING LIST REPRESENTS THE TYPICAL MOUNTING HEIGHTS FOR THE DEVICES SHOWN:
 - 1. SWITCHES AND PANIC STATIONS.....48" (TO TOP)
 - 2. RECEPTACLES.....16"
 - 3. COMPUTER RECEPTACLES.....16"
 - 4. WALL (W) TELEPHONE AND/OR CALL SWITCHES.....48" (TO TOP)
 - 5. TELEPHONE OUTLETS (UNLABELED).....16"
 - 6. VOLUME CONTROLS.....48" (TO TOP)
 - 7. TELEVISION OUTLETS.....16"
 - 8. FIRE ALARM PULL STATIONS.....48" (TO TOP)
 - 9. FIRE ALARM AUDIO/VISUAL UNITS.....88" * (OR 6" BELOW CEILING, WHICHEVER IS LOWER)
 - 10. POWER PANELS.....72" (TO TOP)
 - 11. DISCONNECT SWITCHES.....60" (TO TOP)
 - 12. MOTOR STARTERS.....60" (TO TOP)
- K. COORDINATE ALL ELECTRICAL WORK WITH OTHER TRADES.
- L. PROVIDE ALL POWER DISTRIBUTION WORK INCLUDING PANELS, FEEDERS AND BRANCH CIRCUIT WIRING. UPDATE PANEL DIRECTORIES ACCORDINGLY.
- M. TESTS OF ALL ELECTRICAL WORK SHALL BE PERFORMED IN THE PRESENCE OF THE ENGINEER OR ARCHITECT, AS EQUIPMENT IS INSTALLED AND AS SYSTEMS ARE COMPLETED. IN ADDITION AN ELECTRIC APPROVED CERTIFICATE SHALL BE ISSUED BY AN ELECTRICAL INSPECTION AGENCY.
- N. CIRCUIT ALL EXITS AND EMERGENCY LIGHTING TO THE UN-SWITCHED HOT LEG OF LIGHTING CIRCUIT SERVING THE AREA OF EXIT AND EXIT LIGHT.



Key Plan
N.T.S.

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

3 2/22/21 BID Addendum No 3

Rev. No.: Date: Description:



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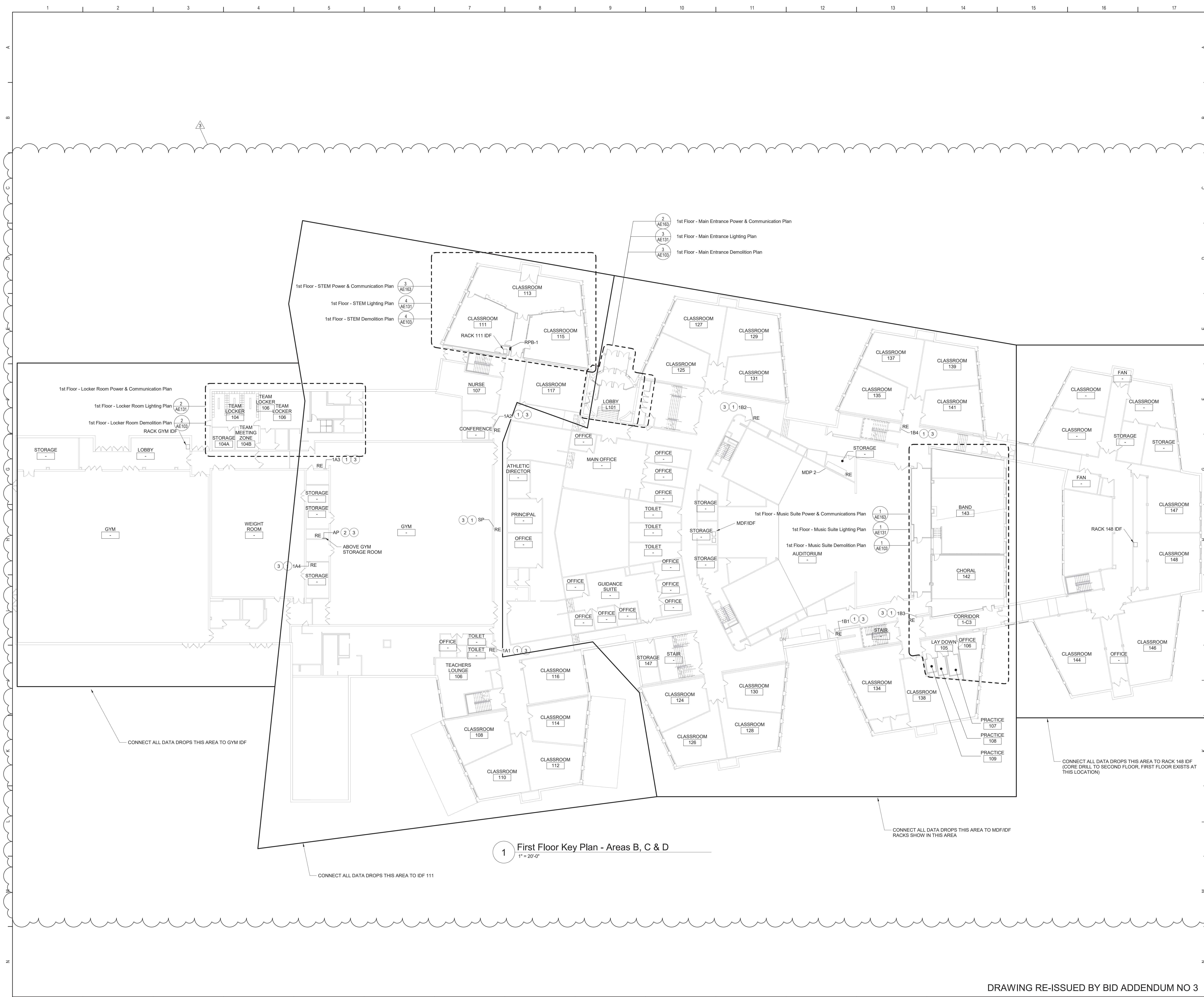
Mahopac Central School District
Mahopac, NY

Reconstruction To:
Mahopac High School

Basement Key Plan

Drawn By: CR Date: 8/21/20 Drawing Number: AE050
Project No.: 121111-19002

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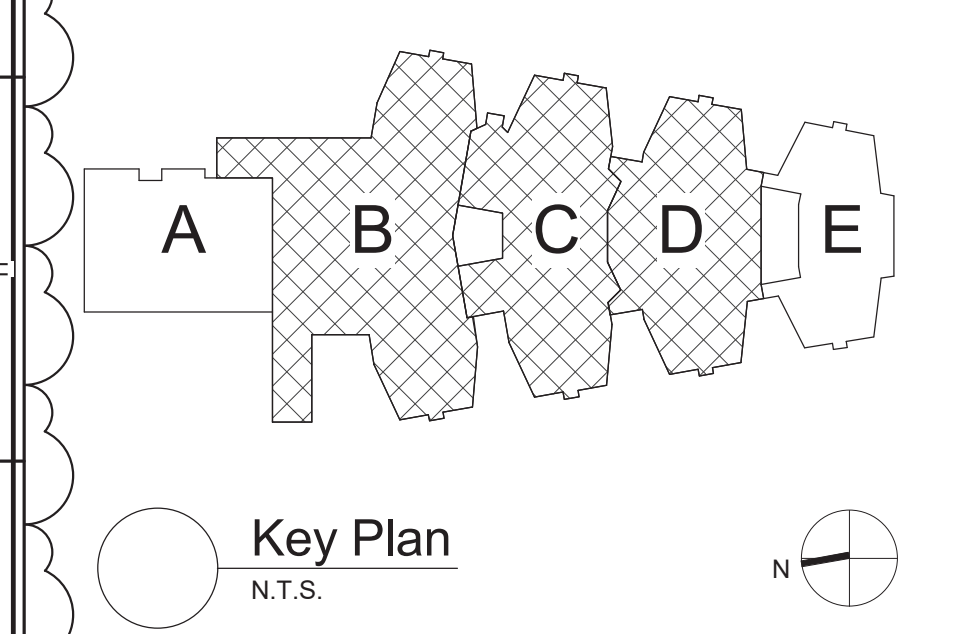


Keyed Notes

- 1 REPLACE EXISTING RECESSED PANELS AT LOCATIONS SHOWN. REMOVE ENTIRE PANEL INCLUDING BACKBOX. SAW CUT EXISTING WALL TO ACCOMMODATE PANEL WITH BREAKER REQUIREMENTS AS SHOWN. PROVIDE CUSTOM PANEL COVER EXISTING OPENING.
- 2 REPLACE EXISTING SURFACE PANELS AT LOCATIONS SHOWN. REMOVE ENTIRE PANEL INCLUDING BACKBOX. AND INSTALL REPLACEMENT PANEL WITH BREAKER REQUIREMENTS AS SHOWN.
- 3 CONTRACTOR TO TRACE OUT ALL EXISTING BRANCH CIRCUITS IN PANEL TO PROVIDE A DETAILED, ACCURATE, TYPE WRITTEN DIRECTORY WITH CORRECT ROOM NAMES AND NUMBERS.

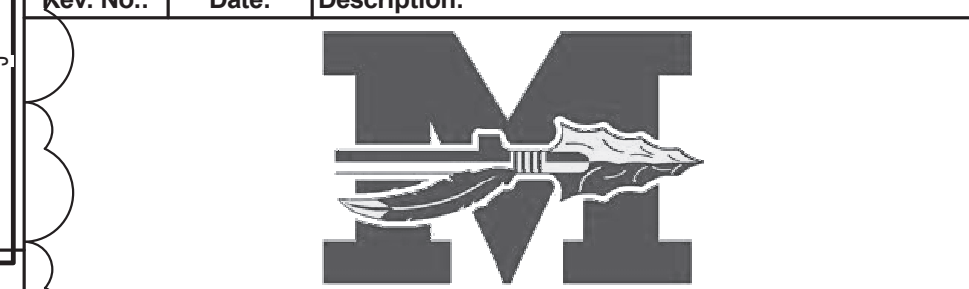
General Notes

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



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

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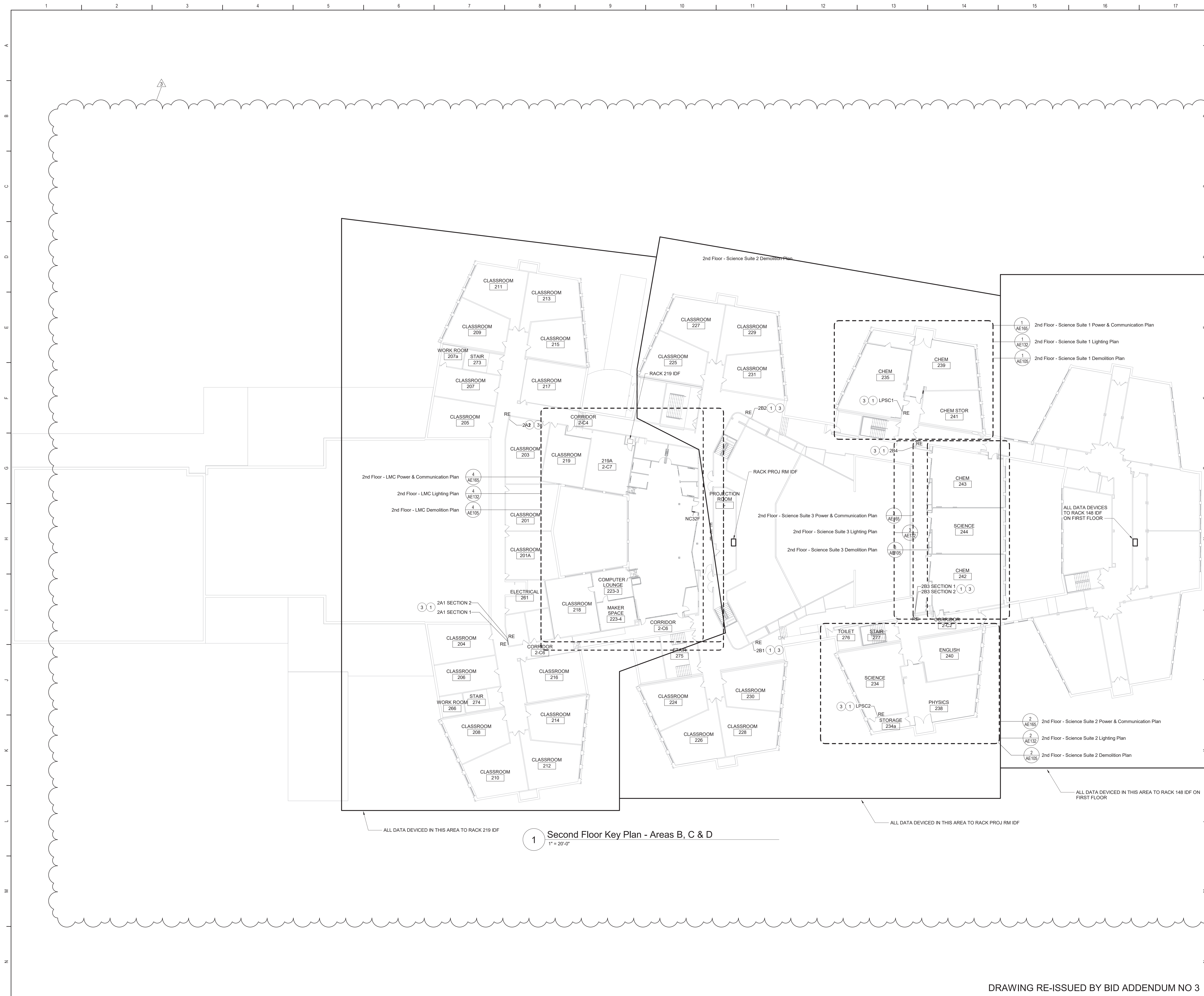
Mahopac Central School District
Mahopac, NY

Reconstruction To:
Mahopac High School

First Floor Key Plan

Drawn By: CR	Date: 8/21/20	Drawing Number:
Project No.:	121111-19002	AE051

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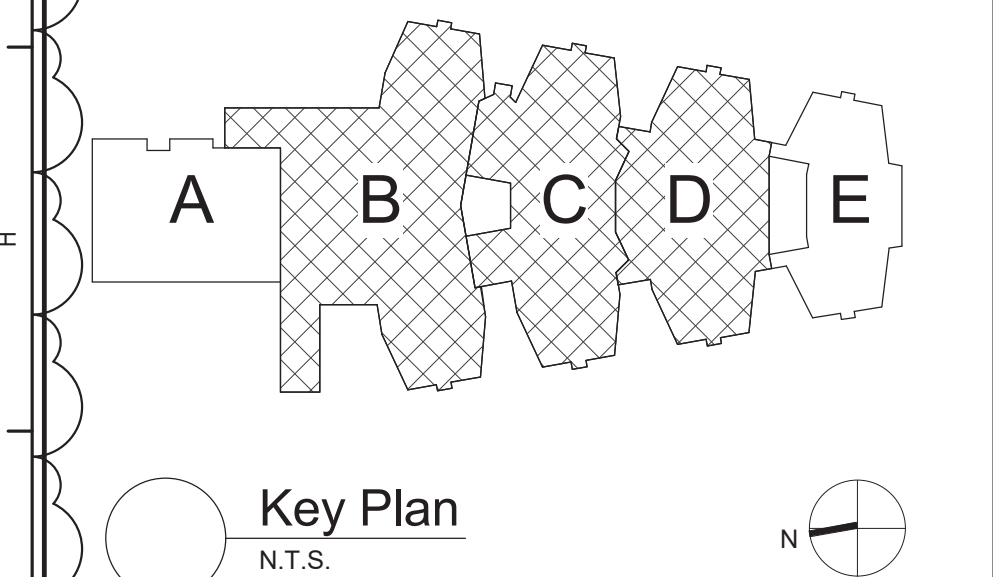


Keyed Notes

- 1 REPLACE EXISTING RECESSED PANELS AT LOCATIONS SHOWN. REMOVE ENTIRE PANEL INCLUDING BACKBOX. SAW CUT EXISTING WALL TO ACCOMMODATE PANEL WITH BREAKER REQUIREMENTS AS SHOWN. PROVIDE CUSTOM PANEL COVER EXISTING OPENING.
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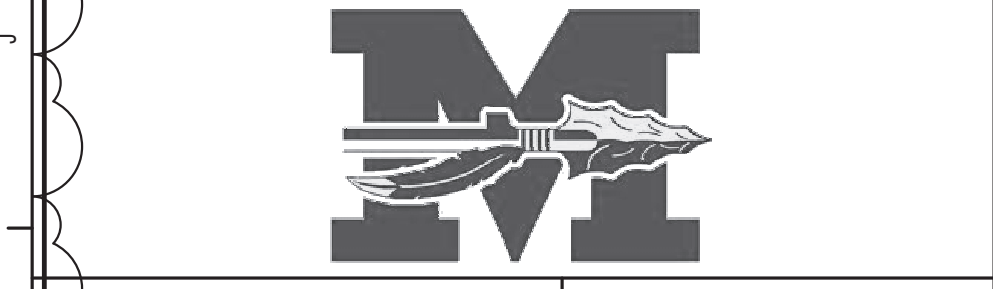
General Notes

- 1 REFER TO DRAWING AE050 FOR GENERAL AND DEMOLITION NOTES.



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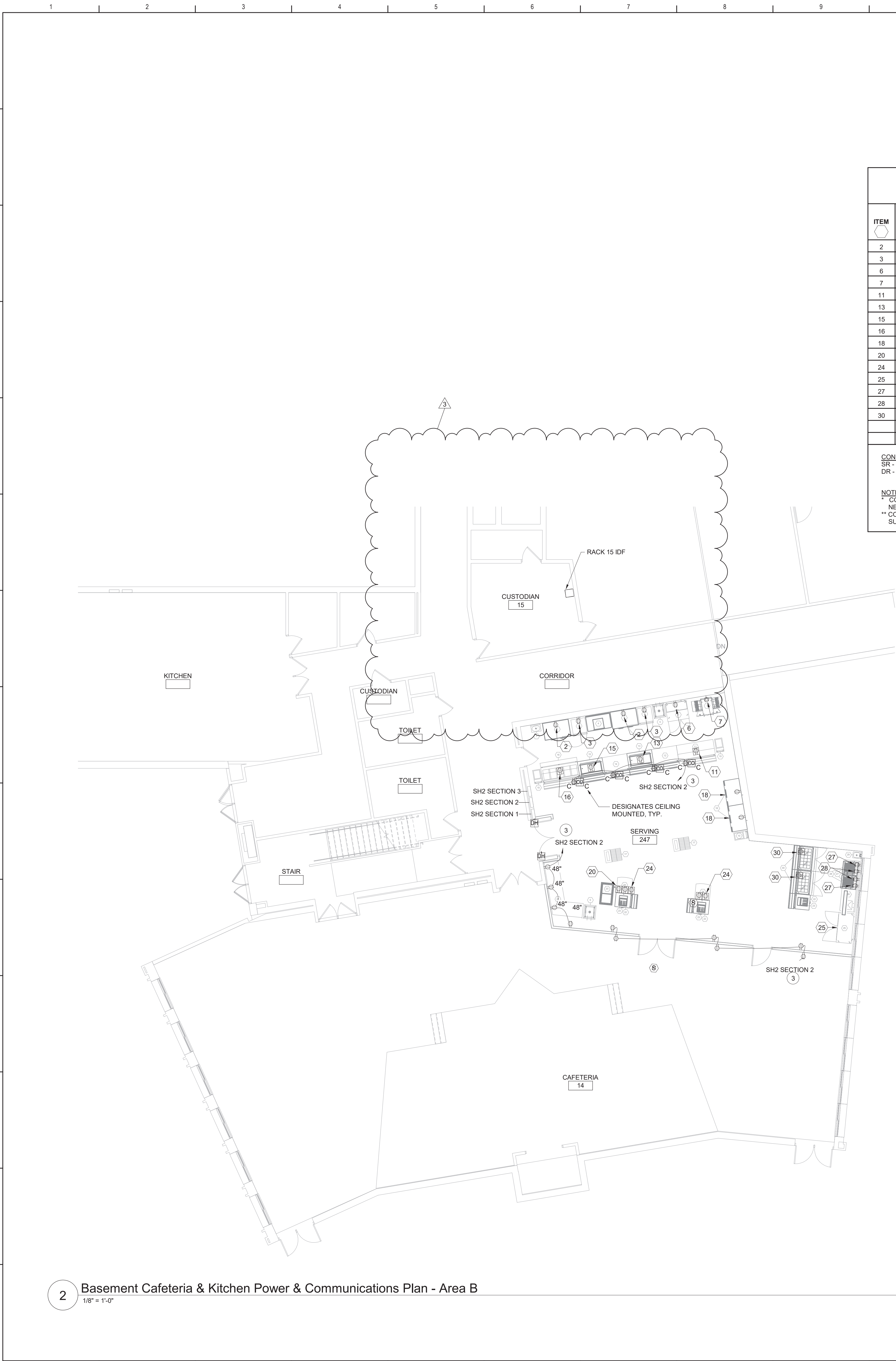
Mahopac Central School District
Mahopac, NY

Reconstruction To:
Mahopac High School

Second Floor Key Plan

Drawn By: CR	Date: 8/21/20	Drawing Number:
Project No.: 121111-19002	AE052	

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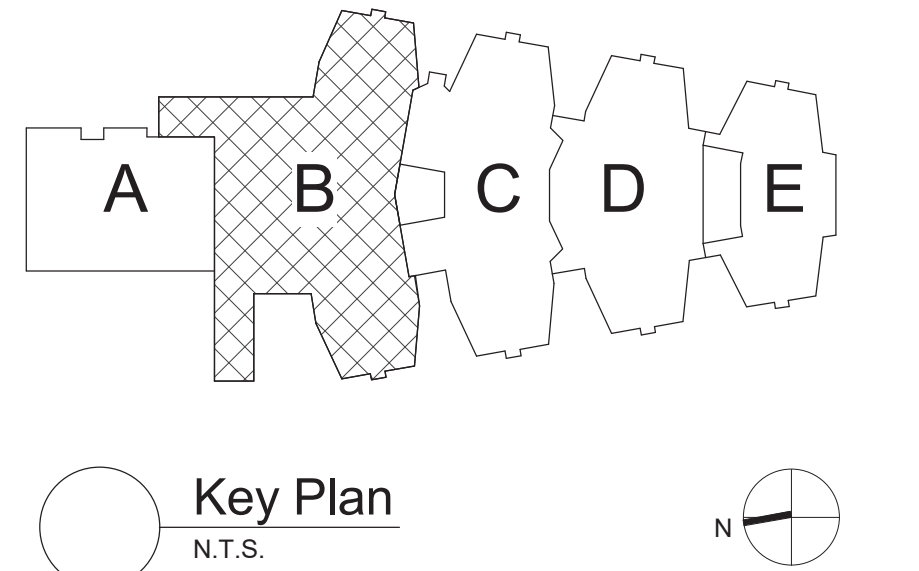
KITCHEN EQUIPMENT SCHEDULE									
ITEM	DESCRIPTION	LOAD (WATTS)	VOLTS /PHASE	PANEL	WIRE & CONDUIT	CONN. TYPE **	CONN. LOC. **	CONN. HGT. **	REMARKS
2	REACH-IN REFRIGERATOR	6.9A	120V1PH	SH2 SECTION 2	(2)#12, (1)#12 G., 1/2" C.	DR	WALL	80"	1, 6
3	HEATED CABINET	17.5A	120V1PH	SH2 SECTION 2	(2)#10, (1)#10 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
11	PIZZA COUNTER	5.4A	120V1PH	SH2 SECTION 2	(2)#12, (1)#12 G., 1/2" C.	DR	FLOOR	--	1, 5, 6
13	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
16	HOT FOOD COUNTER	24A	208V1PH	SH2 SECTION 2	(2)#10, (1)#10 G., 3/4" C.	SR	FLOOR	--	4, 5, 8
18	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
25	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
28	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
CONNECTOR TYPE SR - SINGLE OUTLET DR - DOUBLE OUTLET		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 5. PROVIDE HUBBELL SA-6885 PEDESTAL TYPE BOX. 6. PROVIDE 20A1P BREAKER IN AVAILABLE SPACE IN PANEL INDICATED. 7. PROVIDE 30A1P BREAKER IN AVAILABLE SPACE IN PANEL INDICATED. 8. PROVIDE 30A2P BREAKER IN AVAILABLE SPACE IN PANEL INDICATED. 9. PROVIDE 50A3P BREAKER IN AVAILABLE SPACE IN PANEL INDICATED.				GENERAL NOTE: ALL CIRCUITS SUPPLYING RECEPTACLES SHALL BE GROUND FAULT PROTECTED.			
NOTES * CONTRACTOR SHALL PROVIDE A NEUTRAL TO EVERY CONNECTION ** CONNECTION TO BE COORDINATED WITH SUBMITTED AND APPROVED EQUIPMENT									

Keyed Notes

- 1
- 2
- 3
- 4
- PROVIDE 40A3P BREAKER IN AVAILABLE SPACE IN PANEL INDICATED. CONNECT USING (3)#6, (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.
- 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 AIC RATING OF EXISTING PANEL. AMEND PANEL DIRECTORY ACCORDINGLY.
- PROVIDE (3)DATA DROPS FOR REGISTERS. CONNECT TO DATA RACK 15.

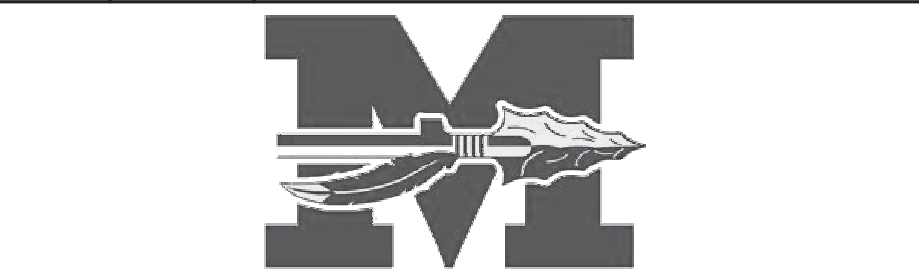
General Notes

- 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.



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BID SET

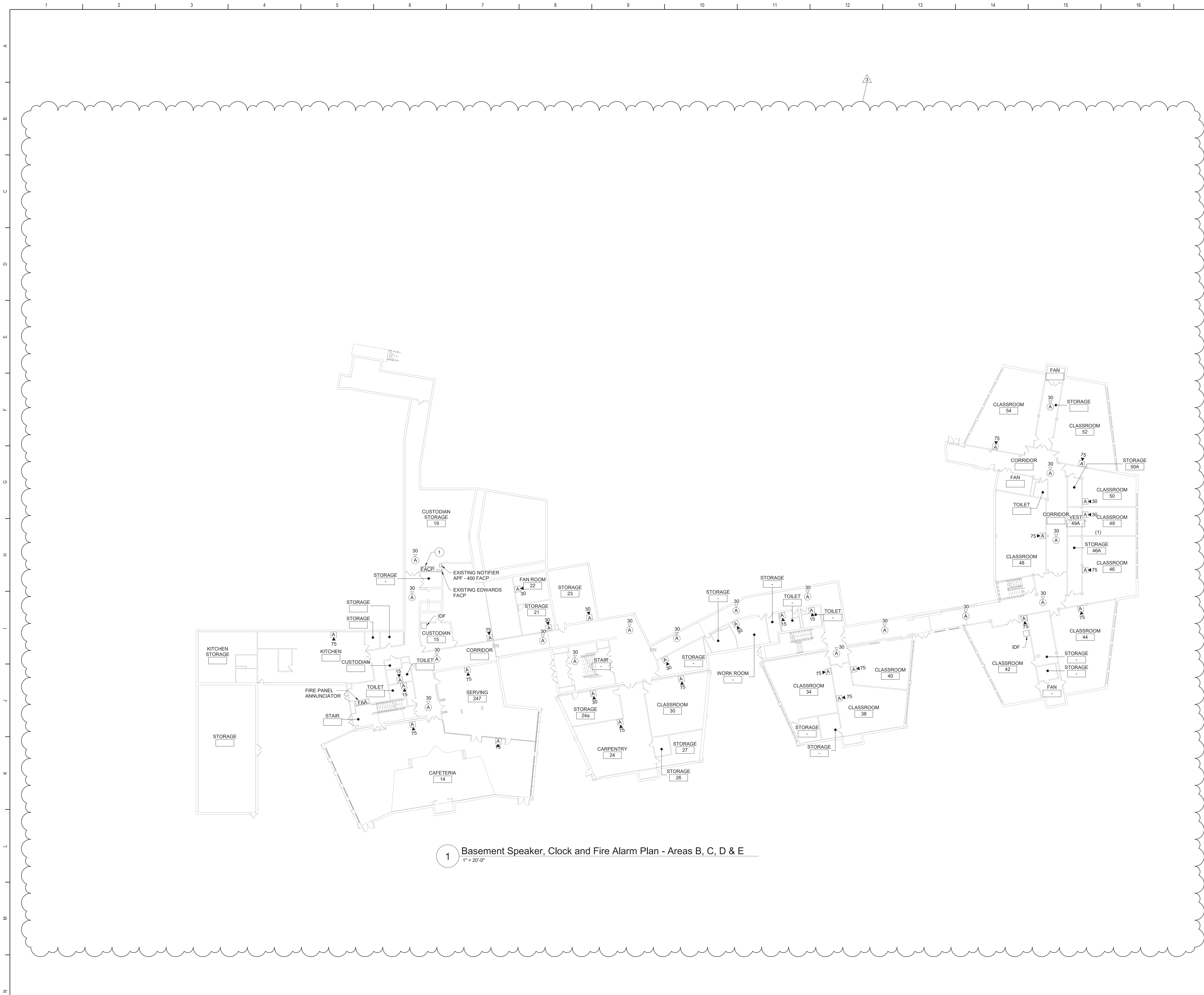


Mahopac Central School District
Mahopac, NY

Reconstruction To:
Mahopac High School

Partial Basement Power & Communications Plans

Drawn By: CR	Date: 8/21/20	Drawing Number:
Project No.:	121111-19002	AE161



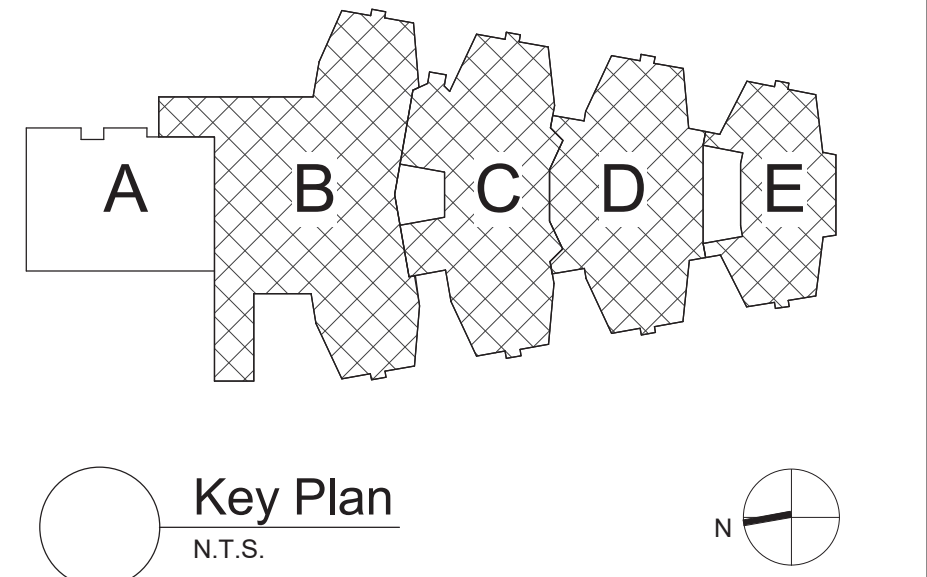
1 Basement Speaker, Clock and Fire Alarm Plan - Areas B, C, D & E
1" = 20'-0"

Keyed Notes

1 CONNECT NEW FIRE ALARM DEVICES TO HONEYWELL 4040 FIRE ALARM PANEL. THE EXISTING SYSTEM IS NOTIFIER.

General Notes

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



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BID SET



Mahopac Central School District
Mahopac, NY

Reconstruction To:
Mahopac High School

Basement Speaker, Clock and Fire Alarm Plan

Drawn By: CR	Date: 8/21/20	Drawing Number:
Project No.: 121111-19002	AE200	

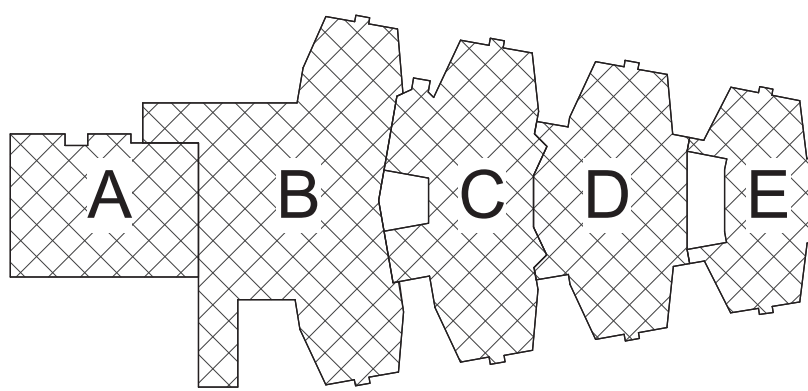
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1 1st Floor Speaker, Clock and Fire Alarm Plan - Areas A, B, C, D & E
1" = 20'-0"

General Notes

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



Key Plan
N.T.S.

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

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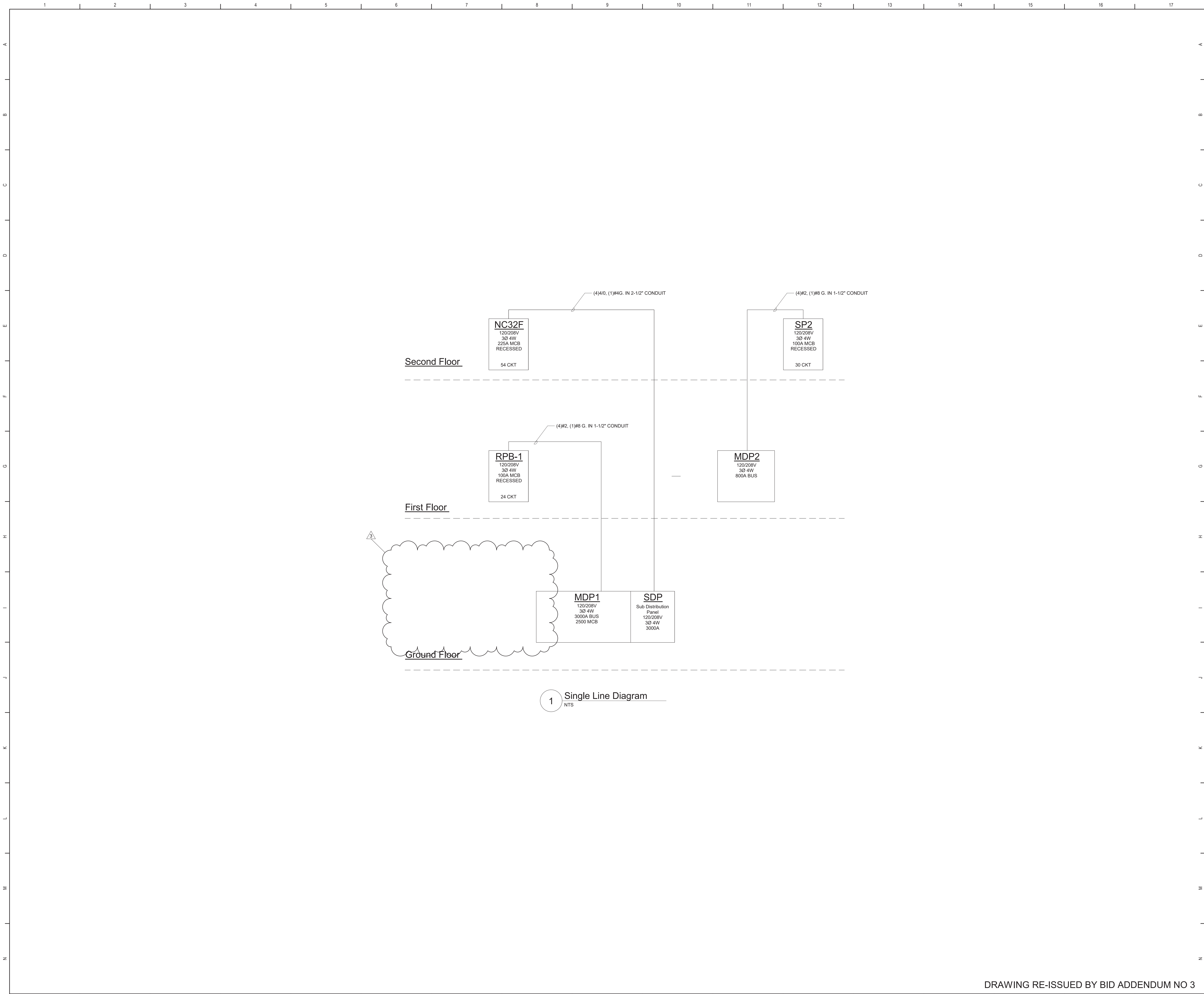
Mahopac Central School District
Mahopac, NY

Reconstruction To:
Mahopac High School

First Floor Speaker, Clock and Fire
Alarm Plan

Drawn By: CR	Date: 8/21/20	Drawing Number:
Project No.:	121111-19002	AE201

DRAWING RE-ISSUED BY BID ADDENDUM NO 3



General Notes

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

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

3	2/22/21	BID Addendum No 3
2	2/16/21	BID Addendum No 2
Rev. No.:	Date:	Description:



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BID SET

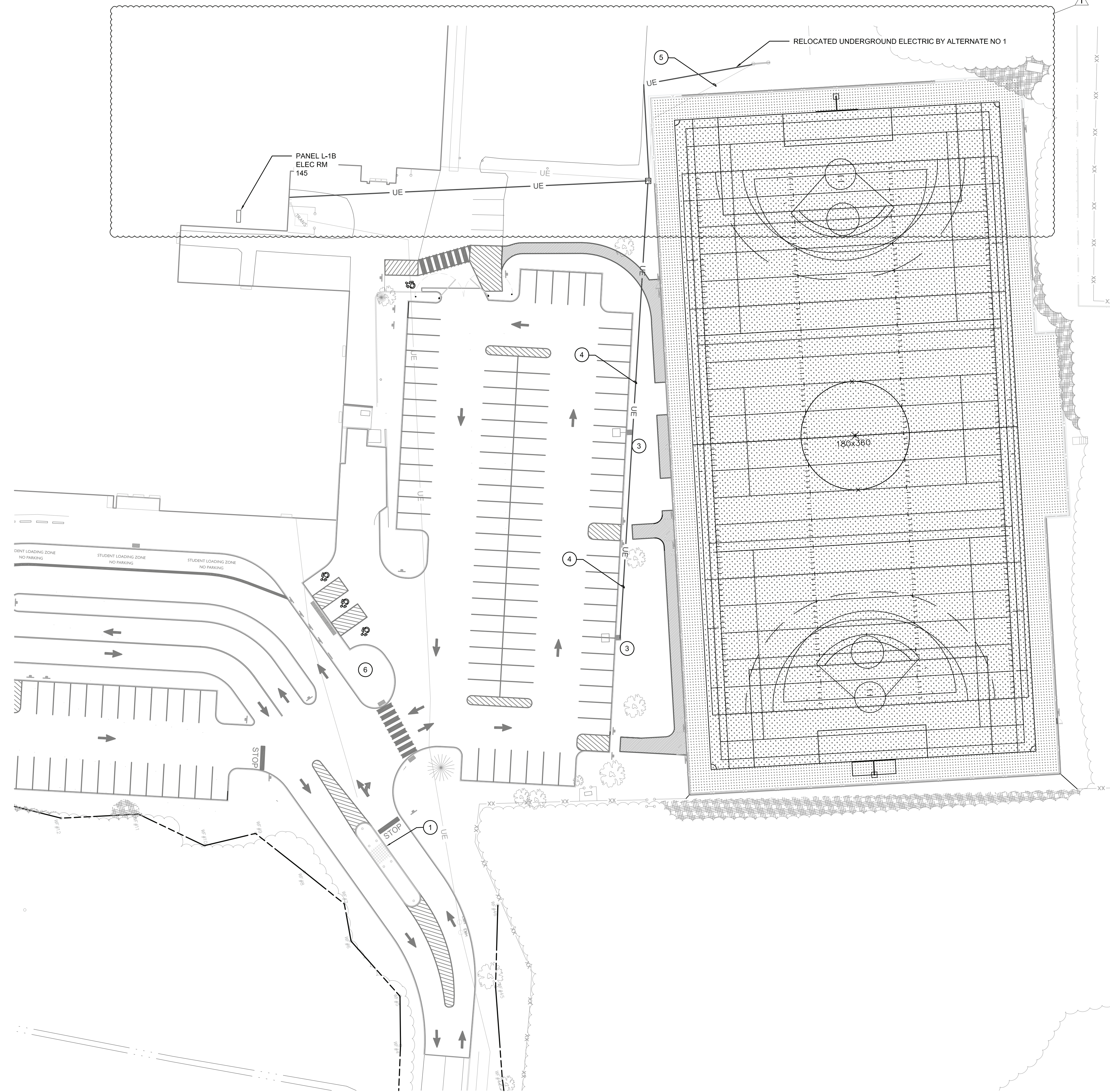


Mahopac Central School District
Mahopac, NY

Reconstruction To:
Mahopac High School

Single Line Diagram

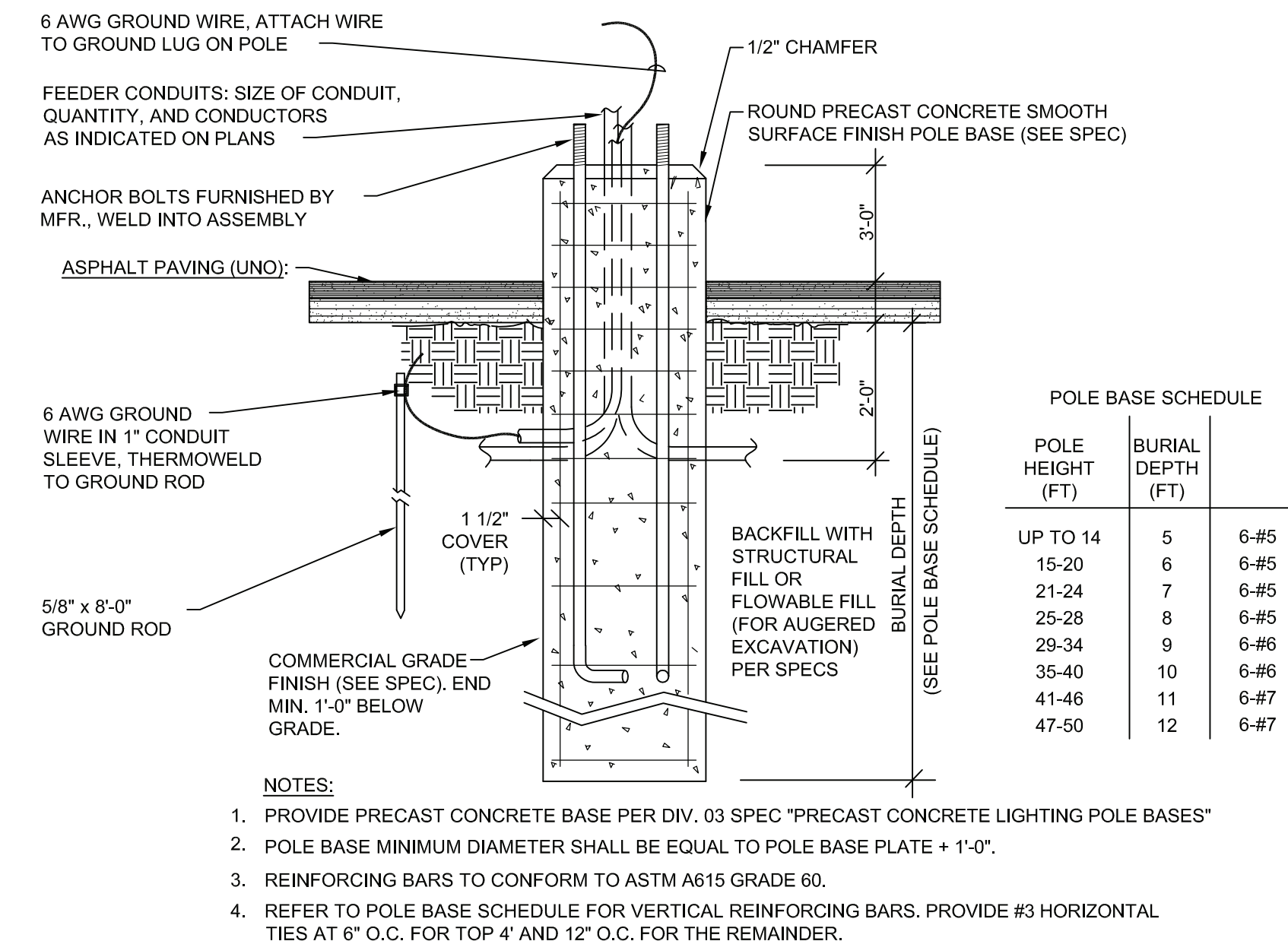
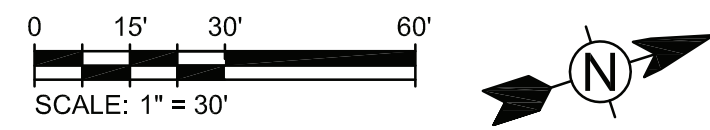
Drawn By: CR	Date: 8/21/20	Drawing Number:
Project No.:	121111-19002	AE700



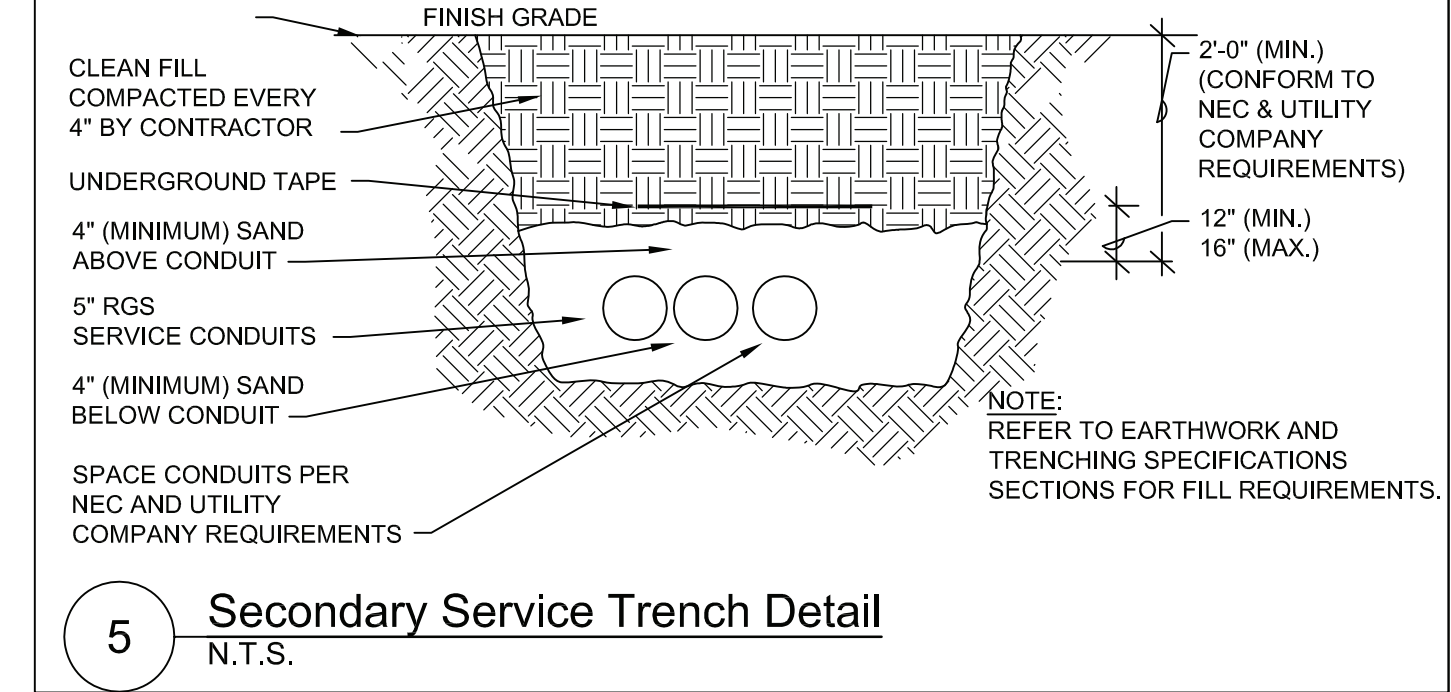
2 Electrical Layout Plan
1" = 30'



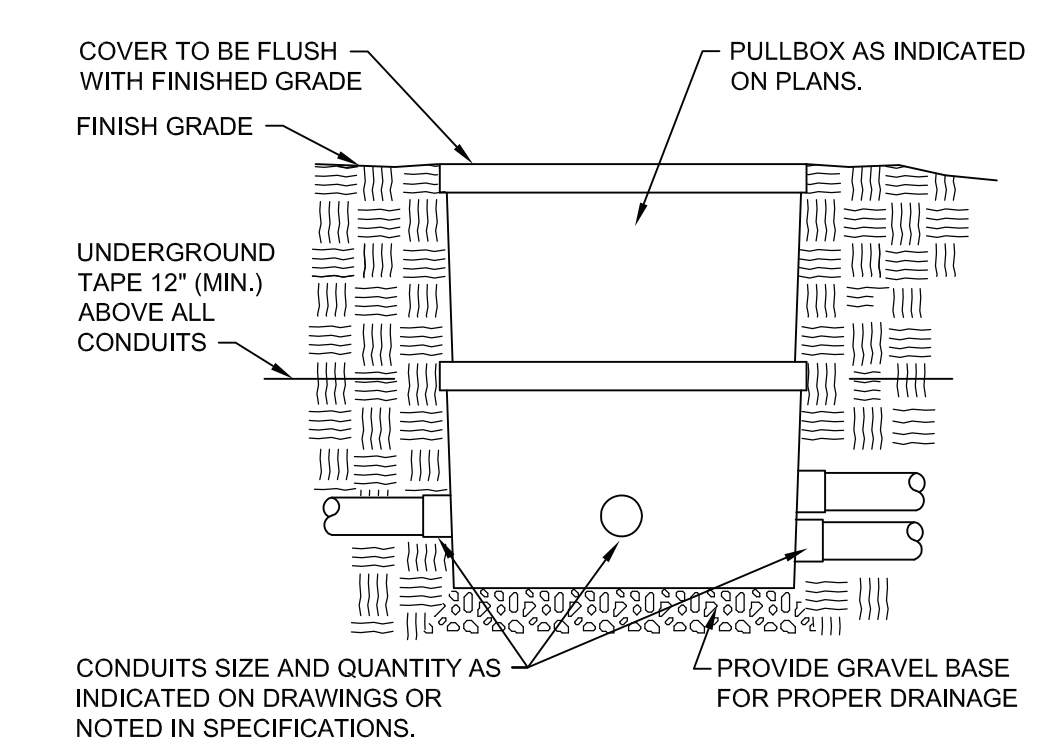
1 Electrical Demolition Plan
1" = 30'



3 Typical Pole Base Detail - Paved Areas
N.T.S.



5 Secondary Service Trench Detail
N.T.S.



4 Typical Buried Pull Box Detail
No Scale

- Keyed Notes:**
- 1 DISCONNECT CIRCUITRY TO GUARD SHACK. MAINTAIN CIRCUITRY TO EXTEND/MODIFY TO RELOCATION.
 - 2 EXTEND/MODIFY CIRCUITRY TO GUARD SHACK TO ACCOMMODATE NEW LOCATION.
 - 3 PROVIDE ROUND POLE AT 20'-0" AFG WITH LUMINAIRE BASED ON MODEL SIGNIFY GARDCO PUREFORM P26-48L-NW-GR-3-K AND STANDARD WEATHER PROOF DUPLEX RECEPTACLE. CONNECT RECEPTACLES TO PANEL L-1B IN ELECTRIC ROOM 145 WITH (2) #12, (1) #12G IN 1/2" CONDUIT.
 - 4 CIRCUIT (2) #10, (1) #10G IN 3/4" CONDUIT AND CONNECT TO PANEL L-1B IN ELECTRIC ROOM 145 CONTROL BY PHOTOCELL.
 - 5 BY ALTERNATE NO 1: RELOCATE UNDERGROUND ELECTRIC TO SCOREBOARD TO ROUTE AROUND SPORTSFIELD RENOVATION.
 - 6 PROVIDE FLAGPOLE LIGHT BASED ON MODEL TARGETTI KEPLERO ZOOM MODEL NUMBER KPL-41-2M-4-2-40. CONNECT TO CIRCUIT AND LIGHTING CONTROL PREVIOUSLY SERVING EXITING FLAG POLE LIGHT.

S.E.D. Control No. 48-01-01-06-7-026-001
S.E.D. Control No. 48-01-01-06-0-003-008
S.E.D. Control No. 48-01-01-06-0-004-020
S.E.D. Control No. 48-01-01-06-0-006-013

Rev. No.: 2/22/21 Date: Description: BID Addendum No 3



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



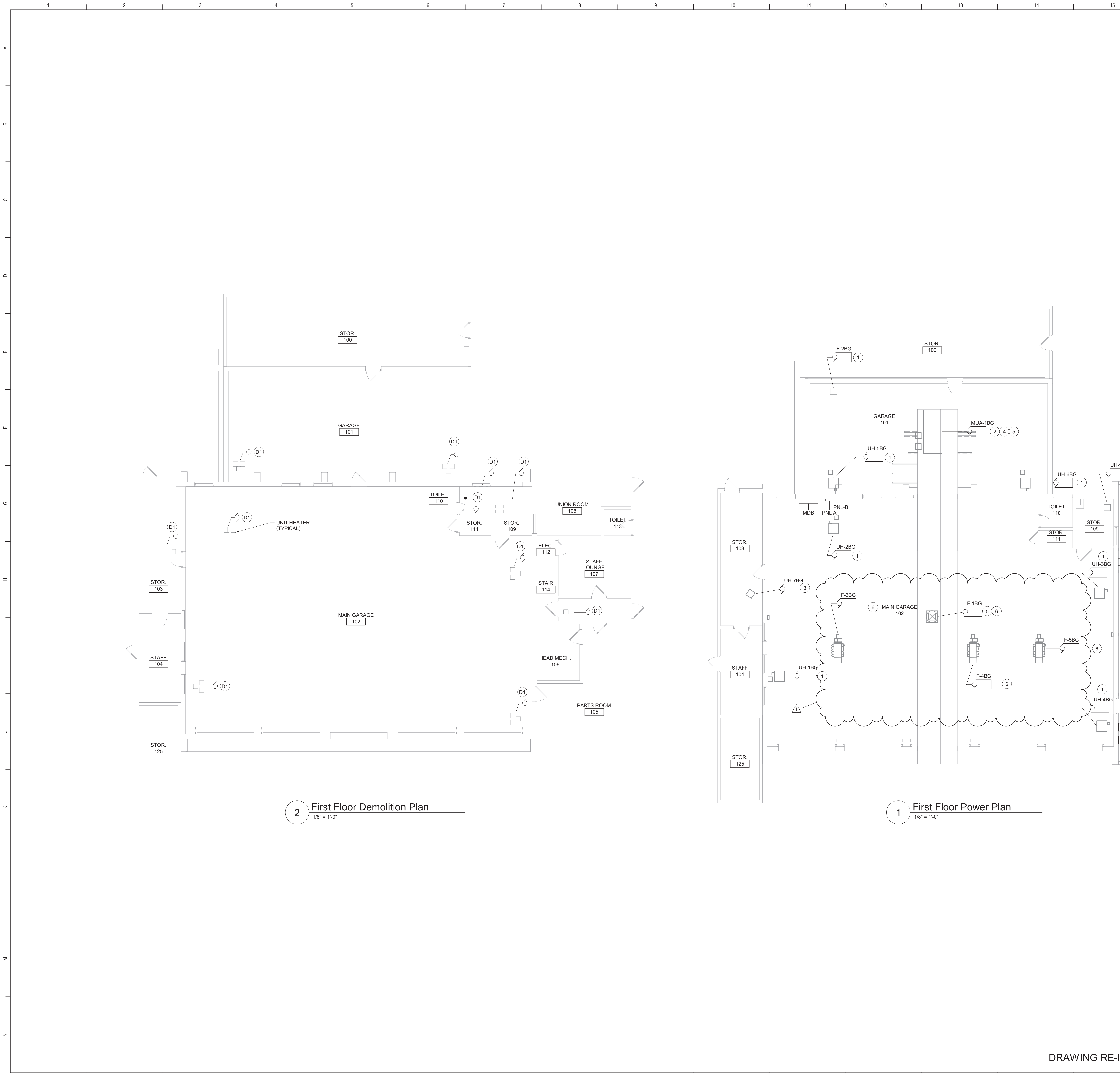
Mahopac Central School District
Mahopac, NY

Reconstruction To:
Mahopac Middle School

Electrical Site Demolition
and Layout Plan

Drawn by: GR Date: 08/21/20 Drawing No.: BE001
T* Project No.: 121111-19002

DRAWING RE-ISSUED BY BID ADDENDUM NO 3

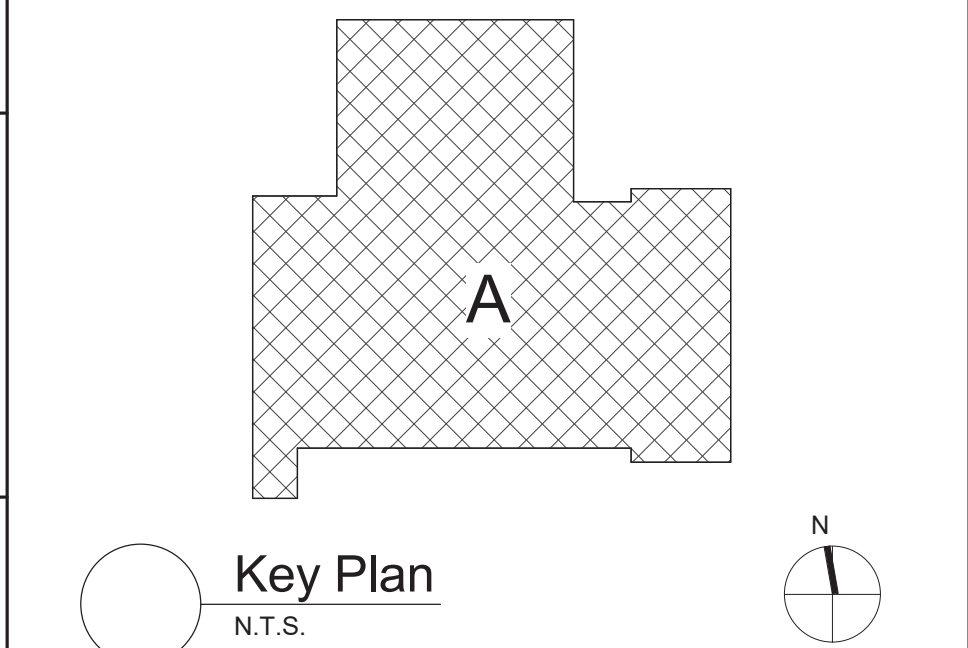


Keyed Demolition Notes

D1 DISCONNECT AND REMOVE POWER CIRCUITRY SERVING HVAC EQUIPMENT INDICATED COMPLETE BACK TO SOURCE. LABEL UNUSED CIRCUIT BREAKERS AS "SPARE". COORDINATE ALL WORK WITH MECHANICAL CONTRACTOR.

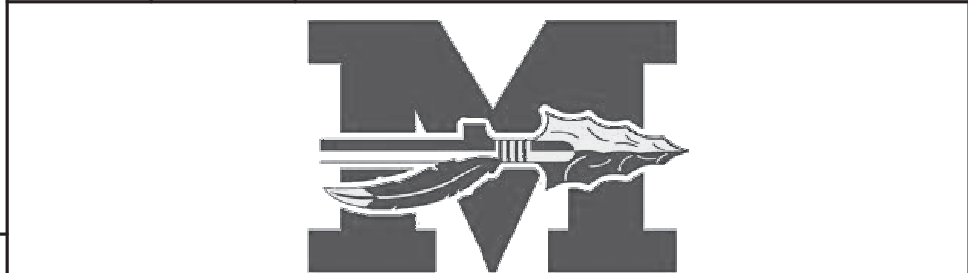
- Keyed Notes**
- 1 PROVIDE 20A1P BREAKER IN AVAILABLE SPACE IN PANEL PNL-B. CONNECT USING (2)#12 (1)#12G IN 3/4" CONDUIT. NEW BREAKER TO BE UL LISTED FOR USE IN PANEL AND MEET OR EXCEED AIC RATING OF EXISTING PANEL. AMEND PANEL DIRECTORY ACCORDINGLY.
 - 2 PROVIDE 20A3P BREAKER IN AVAILABLE SPACE IN PANEL PNL-A. CONNECT USING (3)#12 (1)#12G 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.
 - 3 PROVIDE 20A2P BREAKER IN AVAILABLE SPACE IN PANEL PNL-B. CONNECT USING (2)#12 (1)#12G 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.
 - 4 PROVIDE DUCT SMOKE DETECTOR IN SUPPLY AND RETURN DUCTS OF HVAC UNIT. REMOTE TEST/RESET SWITCH TO BE LOCATED ON ACCESSIBLE WALL NEAR UNIT.
 - 5 PROVIDE FIRE ALARM FAN SHUT DOWN CIRCUIT CONNECTED TO CONTROL CIRCUIT OF STARTER FOR HVAC UNIT.
 - 6 PROVIDE 20A3P BREAKER IN AVAILABLE SPACE IN PANEL PNL-B. CONNECT USING (2)#10, (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.

- General Notes**
- A. COORDINATE ALL ELECTRICAL WORK AND POWER OUTAGES WITH OWNER AND OTHER TRADES PRIOR TO THE START OF CONSTRUCTION. NO POWER OUTAGES SHALL OCCUR WITHOUT OWNER'S PRIOR KNOWLEDGE AND CONSENT.
- B. REFER TO DRAWING SA FOR STANDARD SYMBOLS AND ABBREVIATIONS.
- C. WHEN INSTALLING NEW DEVICES IN EXISTING LOCATIONS, REUSE EXISTING CONDUIT/TRACEWAY AND BACK BOXES IF IN GOOD CONDITION. EXTENDING/INSTALL NEW CONDUIT/TRACEWAY AS REQUIRED FOR PROPER MOUNTING OF DEVICE. CONCEAL ABOVE CEILINGS OR WITHIN WALLS WHERE POSSIBLE. REFER TO SPECIFICATION SECTION 26 05 33.
- D. CIRCUIT WIRING FOR ALL LIGHTING CIRCUITS SHALL BE IN 1/2" EMT CONDUIT (MIN) OR TYPE MC CABLE CONCEALED ABOVE CEILINGS AND IN WALLS (REFER TO SPECIFICATION SECTION 26 05 33 FOR LOCATIONS WHERE MC CABLE IS ACCEPTABLE). ALL CIRCUIT CONDUCTORS SHALL BE #12AWG COPPER (MIN) 90° C THHN THERMOPLASTIC INSULATION.
- E. PROPERLY IDENTIFY ALL CIRCUITS AT PANELS AND J-BOXES AND IN ACCORDANCE WITH PROJECT SPECIFICATIONS.
- F. PROVIDE ALL ADAPTERS, COUPLINGS AND ASSOCIATED FITTINGS REQUIRED FOR COMPLETE OPERATIONAL SYSTEM.
- G. UNLESS NOTED ELSEWHERE ON THE CONTRACT DOCUMENTS, THE FOLLOWING LIST REPRESENTS THE TYPICAL MOUNTING HEIGHTS FOR THE DEVICES SHOWN:
a. SWITCHES AND PANIC STATIONS.....48" (TO TOP)
b. RECEPTACLES.....16"
c. COMPUTER RECEPTACLES.....16"
d. WALL (W) TELEPHONE AND/OR CALL SWITCHES.....48" (TO TOP)
e. TELEPHONE OUTLETS (UNLABELED).....16"
f. VOLUME CONTROLS.....48" (TO TOP)
g. TELEVISION OUTLETS.....16"
h. FIRE ALARM PULL STATIONS.....48" (TO TOP)
i. FIRE ALARM AUDIO VISUAL UNITS.....68"
(OR 6" BELOW CEILING, WHICHEVER IS LOWER)
j. POWER PANELS.....72" (TO TOP)
k. DISCONNECT SWITCHES.....60" (TO TOP)
l. MOTOR STARTERS.....60" (TO TOP)
- THE HEIGHTS INDICATED SHALL BE NOMINAL TO THE BOTTOM OF THE BOX UNLESS NOTED OTHERWISE.
- H. COORDINATE ALL ELECTRICAL WORK WITH OTHER TRADES.
- K. ALL CIRCUIT BREAKERS ADDED TO EXISTING PANELBOARDS SHALL BE LISTED/LABELED FOR USE WITH EXISTING PANELBOARDS AND BE EQUAL OR GREATER THAN THE PANEL'S AIC.
- J. WIRE (2) CO DETECTORS PROVIDED BY OTHERS TO THE FIRE ALARM CONTROL PANEL.



S.E.D. Control No. 48-01-01-06-5-010-009

1	2/22/21	BID Addendum No 3
Rev. No.:	Date:	Description:



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Mahopac Central School District
Mahopac, NY

Reconstruction To:
Mahopac Bus Garage

First Floor Demolition and Power Plans

Drawn By: CR	Date: 8/21/20	Drawing Number:
Project No.:	121111-19002	GE160

DRAWING RE-ISSUED BY BID ADDENDUM NO 3