	ABBREVIATIONS	
	ADDREVIATIONS	
A	AMPERES	
AC	ABOVE COUNTER	
AF	AMPERE FRAME / AMPERE FUSE	
AS	AMPERE SWITCH	
ΑŤ	AMPERE TRIP	
AFC	ABOVE FINISHED CEILING	
AFF	ABOVE FINISHED FLOOR	
BLDG	BUILDING	
BFG	BELOW FINISHED GRADE	
C/B	CIRCUIT BREAKER	
Ą.	CENTERLINE	
С	CONDUIT	
CLG	CEILING	
СТ	CURRENT TRANSFORMER IN NEMA 3R CABINET	
CUH	CABINET UNIT HEATER	
E	EXISTING	
EX	EXISTING	
EC	EMPTY CONDUIT	
E/C	ELECTRICAL CONTRACTOR	
E/EM	EMERGENCY	
ER	EXISTING TO REMAIN	
ERP	EXISTING RELOCATED POSITION	
EWH	ELECTRIC WATER HEATER	
EMT	ELECTRICAL METALLIC TUBING	
FAS	FIRE ALARM SYSTEM	
F.B.O.	FURNISHED BY OWNER	
FLR	FLOOR	
GRD/GND/G	GROUND	
GFCI	GROUND FAULT CIRCUIT INTERRUPTER	
 GFI	GROUND FAULT CIRCUIT INTERRUPTER	
GFIP	GROUND FAULT CIRCUIT INTERRUPTER PROTECTED	
HC	HUNG: CEILING:	
HP	HORSEPOWER	
⊢W	HOT WATER	
IC	INTERRUPTING CURRENT	
IT	INFORMATION TECHNOLOGY	
IU	IN USE COVER	
KA	KILO-AMPERES	
LA	LIGHTING ARRESTERS	
M/C	MECHANICAL CONTRACTOR	
MCB	MAIN CIRCUIT BREAKER	
MR	MULTIPLE RELAYS	
N	NEUTRAL	
NEC	NATIONAL ELECTRICAL CODE	
NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION	
NTS	NOT TO SCALE	
oc	ON CENTER	
OIT	OFFICE OF INFORMATION TECHNOLOGY	
P	POLES	
 PNL	PANEL	
R	REMOVE	
RM	ROOM	
RR	REMOVE & RELOCATE	
RECEPT	RECEPTACLE	
SH	STEAM HEAT	
SP	STEAM HEAT SUMP PUMP	
55	SPLIT SYSTEM	
T/C	TIME CLOCK	
THD		
TS	TOTAL HARMONIC DISTORTION TOGGLE SWITCH	
T'STAT	TOGGLE SWITCH THERMOSTAT	
TYP	TYPICAL	
u.L.	UNDERWRITER'S LABORATORIES	
UON	UNLESS NOTED OTHERWISE	
uн	UNIT HEATER	
W	WIRE	
WM	WALL MOUNTED	
WM WP	WEATHERPROOF WITH IN USE COVER (IF APPLICABLE)	

	POWER
J	EXISTING JUNCTION BOX IN RELOCATED POSITION SHOWN AND RE-INSTALLED
(†)	EXISTING TRANE TEMPERATURE SENSOR IN RELOCATED POSITION SHOWN AND RE-ENERGIZED.
(SPK)	EXISTING SPEAKER IN RELOCATED POSITION SHOWN AND RE-ENERGIZED.
CAM	EXISTING CAMERA IN RELOCATED POSITION SHOWN AND RE-INSTALLED.

WIRING DEVICES

key-3⊪ \$ a	20 AMP HEAVY DUTY GRADE KEY SWITCH. a = FIXTURES CONTROLLED. 3w = INDICATES 3 WAY SWITCH	
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LIGHTING	
с 	GENERAL LIGHTING SYMBOLS: - 'A' DENOTES FIXTURE TYPE - 'c' DENOTES SWITCH CONTROL
m	RECESSED LIGHT FIXTURE
⊗ _{×I}	EXIT SIGN

FIRE ALARM SYSTEM	
②	REPLACE EXISTING SMOKE DETECTOR IN RELOCATED POSITION SHOWN AND RE-ENERGIZED.
(ERP)	EXISTING SMOKE DETECTOR IN RELOCATED POSITION SHOWN AND RE-ENERGIZED.

NOTE: CONTRACT WITH ADT/REDHAWK THE SCHOOL'S FIRE ALARM CONTRACTOR FOR DEVICES AND SYSTEM TESTING AT THE COMPLETION OF THE PROJECT PER NFPA.

GENERAL NOTES

FINAL LOCATION OF LIGHTING FIXTURES, AND OTHER CEILING-MOUNTED ELECTRICAL

- EQUIPMENT SHALL BE MARKED OUT AND REVIEWED BY THE ARCHITECT PRIOR TO CUTTING FOR INSTALLATION.

 2. ALL NOTATIONS OF "SCALE" ARE INTENDED AS APPROXIMATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ASCERTAINING THE EXACT LOCATIONS OF ALL
- EQUIPMENT AND CHECKING THE REQUIRED CLEARANCES.

 3. ALL MOUNTING HEIGHTS GIVEN FOR LIGHT FIXTURES SHALL BE FROM FINISHED FLOOR OR GRADE TO BOTTOM OF LIGHTING FIXTURES.
- 4. PULL AND JUNCTION BOXES SHALL BE SURFACE-TYPE IN ULTIMATELY UNFINISHED AREAS UNLESS OTHERWISE NOTED. LOCATE APPROXIMATELY WHERE INDICATED, ON WALLS, CEILINGS, BEAMS, OR SUSPENDED FROM CEILINGS, TO SUIT CONDUIT ENTRANCE, TO AVOID INTERFERENCE WITH EQUIPMENT OF OTHER TRADES AND TO LEAVE COVERS READILY ACCESSIBLE.
- 5. PULL BOXES WHETHER SIZED OR NOT SHALL BE MODIFIED BY THIS CONTRACTOR TO MEET FIELD CONDITIONS AND CODE REQUIREMENTS. ADDITIONAL PULL BOXES, IF REQUIRED TO SATISFY FIELD CONDITIONS AND CODE REQUIREMENTS, SHALL BE SUPPLIED AND INSTALLED BY THIS CONTRACTOR AT NO EXTRA COST.
- DEVICES SHALL BE MARKED OUT AND REVIEWED BY ARCHITECT PRIOR TO CUTTING FOR INSTALLATION.
- 1. CONDUIT & CABLE RUNS SHALL BE NEATLY INSTALLED. WHERE MULTIPLE RUNS FROM THE SAME PANEL ARE MADE, THE RUNS SHALL BE PARALLEL WITH EACH OTHER AND FASTENED WITH A COMMON SUPPORT, SPACED AND SECURED AT THE REQUIRED INTERVALS. BRANCHES SHALL TURN OFF TO THEIR OUTLETS IN AN ORGANIZED MANNER WITHOUT CROSSING EACH OTHER.
- 8. ALL BRANCH CIRCUITS SHALL BE CLEARLY MARKED IN THE PANELS AS TO LOCATION AND PURPOSE. PROVIDE UPDATED TYPED PANELBOARD
- WIRING IN AIR PLENUM HUNG CEILINGS INSTALLED WITHOUT CONDUIT SHALL BE PLENUM RATED TEFLON-JACKETED. FIRE ALARM WIRING SHALL BE INSTALLED IN CONDUIT OR METAL CLAD CABLE PER THE NEC 30022C
 ALL ELECTRICAL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE NEW JERSEY REHABILITATION SUBCODE NJAC 5:23-6 AND THE NATIONAL ELECTRICAL
- THE BARRIER FREE REQUIREMENTS OF NJAC 5:23-7.2 SHALL APPLY TO THE ELECTRICAL INSTALLATION.

DEMOLITION NOTES

- BRANCH CIRCUITS TO BE REMOVED, CONDUIT AND SUPPORTS SHALL BE REMOVED TO ASSOCIATED SUITCH.
- ALL WIRING RACEWAYS, BOXES, SUPPORTS, AND OTHER APPURTENANCES SHALL BE REMOVED FROM THE SITE AND PROPERLY DISPOSED OF.
 THE REMOVAL OF ALL ACTIVE FIRE ALARM, COMMUNICATIONS, DATA, AND SECURITY EQUIPMENT AND ASSOCIATED CABLING SHALL BE COORDINATED WITH BUILDING OPERATING PERSONNEL. ALL EQUIPMENT REMOVED SHALL BE STORED IN A BOX AND TURNED OVER TO THE OWNER.
- 4. IN THE PROCESS OF REMOVING RACEWAYS, PULLBOXES, PANELBOARDS, WIRING DEVICES, LIGHT FIXTURES, AND OTHER ELECTRICAL EQUIPMENT AND MATERIALS, THIS CONTRACTOR SHALL EXERCISE EXTREME CAUTION TO PREVENT DAMAGE TO ARCHITECTURAL SURFACES AND MATERIALS INCLUDING WALLS, FLOORS, CEILINGS, WINDOWS, DOORS, MOLDINGS, STRUCTURAL MEMBERS, ETC., WHICH ARE TO REMAIN. THE COST OF REPAIR OR TO REPLACE ANY MATERIAL DEEMED BY THE ARCHITECT TO HAVE BEEN UNDULY DAMAGED BY THIS CONTRACTOR DURING EXECUTION SHALL BE PAID BY THIS CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
- 5. CONTINUITY OF EXISTING WIRING SYSTEMS PROVIDING POWER AND SIGNAL TO THE AREAS OR DEVICES NOT AFFECTED BY THIS ALTERATION SHALL BE MAINTAINED AT ALL TIMES OF THE PROJECT.

	LIGHTING FIXTURE SCHEDULE	
TYPE	DESCRIPTION	MANUFACTURER LIST (OR APPROVED EQUAL)
А	IX4 RECESSED LED LIGHT FIXTURE. 3500K COLOR TEMP FROSTED POLYSTYRENE LENS. LIGHTWEIGHT ALUMINUM HOUSING, STEEL PAN AND JUNCTION BOX STANDARD INTEGRAL T-BAR CLIPS. IC RATED, SUITABLE FOR INSULATED CEILINGS. 822% TOTAL HARMONIC DISTORTION. INTEGRATED CONSTANT CURRENT, CLASS 2 DRIVER. UL LISTED FOR DAMP LOCATIONS 0-10V DIMMING. STANDARD.(120V)	"RAB" EZPAN IX4 ITYN/DIØ
В	2X2 RECESSED LED LIGHT FIXTURE. 3500K COLOR TEMP FROSTED POLYSTYRENE LENS. LIGHTWEIGHT ALUMINUM HOUSING, STEEL PAN AND JUNCTION BOX STANDARD INTEGRAL T-BAR CLIPS. IC RATED, SUITABLE FOR INSULATED CEILINGS. 822% TOTAL HARMONIC DISTORTION. INTEGRATED CONSTANT CURRENT, CLASS 2 DRIVER. UL LISTED FOR DAMP LOCATIONS.0-10V DIMMING. STANDARD.(120V)	"RAB" EZPAN 2X2 ITYN/DIØ
×I	EXIT SIGN WITH 90 MINUTES OF BATTERY BACKUP. MATTE BLACK HOUSING WITH BRUSHED ALUMINUM FACE. RED LETTERS. FIELD CONVERTABLE TO DOUBLE FACE. UNIVERSAL MOUNT	"CHLORIDE" ER55L-3-R



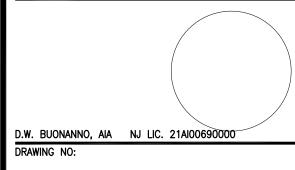
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Central Regional School District

High School
A-Wing Corridors
Ceiling Replacement
& Renovations
Project No. 2

509 Forest Hills Parkway Berkley Township Ocean County New Jersey

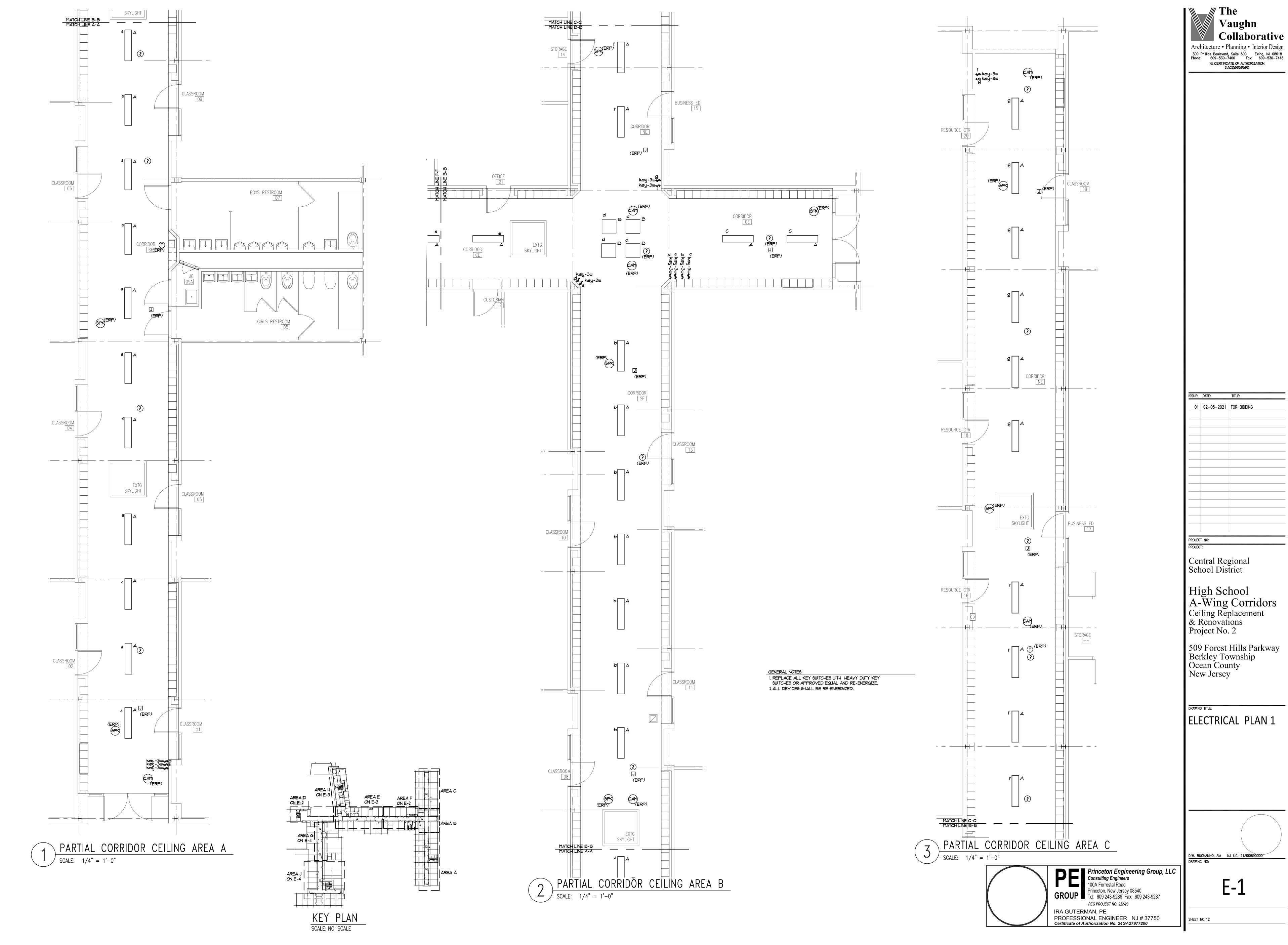
ELECTRICAL INFORMATION SHEET



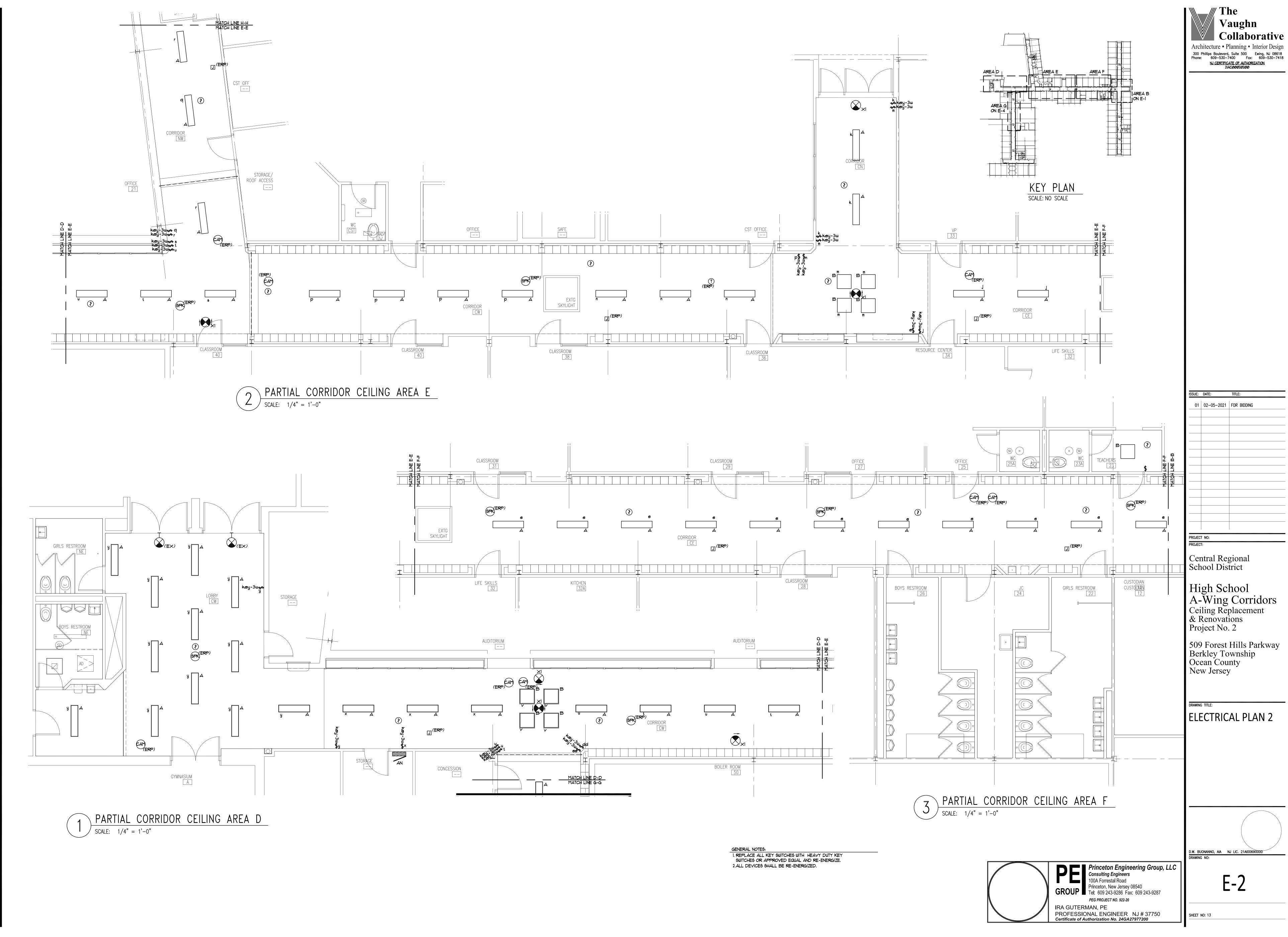


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SHEET NO: 11



Collaborative



Collaborative Architecture • Planning • Interior Design





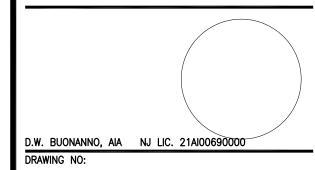


Central Regional School District

High School
A-Wing Corridors
Ceiling Replacement
& Renovations
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509 Forest Hills Parkway Berkley Township Ocean County New Jersey

ELECTRICAL PLAN 3



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Princeton, New Jersey 08540
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Certificate of Authorization No. 24GA27977200

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GENERAL NOTES:

1. REPLACE ALL KEY SWITCHES WITH HEAVY DUTY KEY SWITCHES OR APPROVED EQUAL AND RE-ENERGIZE.

2.ALL DEVICES SHALL BE RE-ENERGIZED.

KEY PLAN
SCALE: NO SCALE

SHEET NO: 14

