

HIGHLAND CENTRAL SCHOOL DISTRICT

HIGHLAND ELEMENTARY SCHOOL

2022 CAPITAL IMPROVEMENT PROJECT - PHASE 1

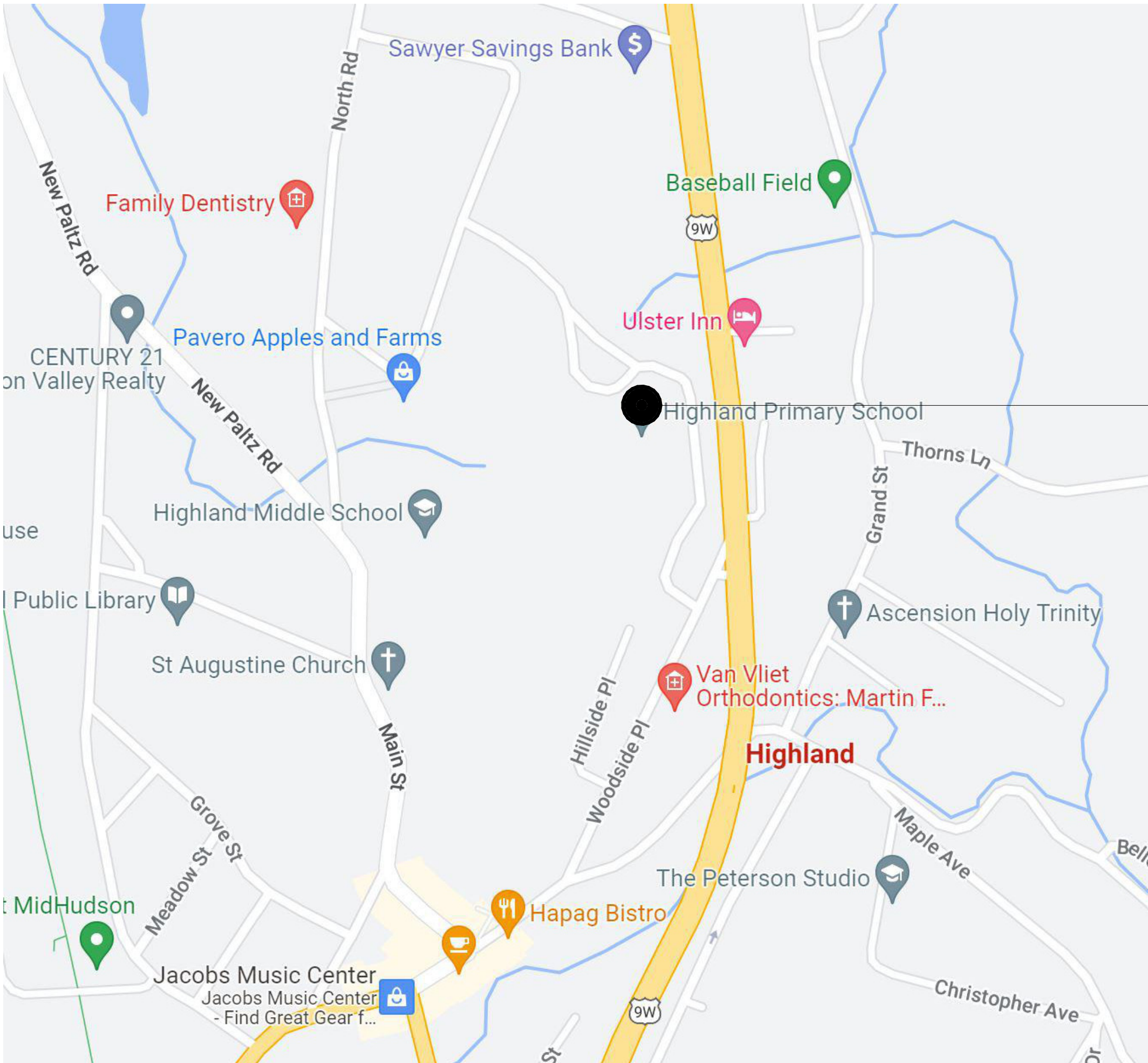


ISSUED FOR BID: 08/18/23

CSARCH - ARCHITECTS
PASSERO ASSOCIATES - SITE/CIVIL & STRUCTURAL ENGINEERS
BLAKE ENGINEERING, PLLC - M.E.P. ENGINEERS
QUALITY ENVIRONMENTAL SOLUTIONS & TECHNOLOGIES, INC. - HAZARDOUS MATERIALS DESIGNER

STATE EDUCATION DEPARTMENT PROJECT CONTROL NUMBER:
HIGHLAND ELEMENTARY SCHOOL 62-08-03-04-0-010-014
THE DESIGN OF THIS PROJECT CONFORMS TO APPLICABLE PROVISIONS OF THE NEW YORK STATE UNIFORM FIRE PREVENTION AND BUILDING CODE, THE NEW YORK STATE ENERGY CONSERVATION CONSTRUCTION CODE, AND THE MANUAL OF PLANNING STANDARDS OF THE NEW YORK STATE EDUCATION DEPARTMENT.

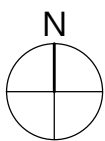
CSArch PROJECT NO. 197-2201.01



HIGHLAND ELEMENTARY SCHOOL
16 LOCKHART LANE,
HIGHLAND, NY 12528

VICINITY MAP

NTS



DRAWING LIST

HIGHLAND ELEMENTARY SCHOOL (HES)

GENERAL DRAWINGS

HES G000 COVER
HES G001 SYMBOLS, ABBREVIATIONS, KEY PLANS, AND MISC.

CIVIL DRAWINGS

HES C120 EXISTING CONDITIONS AND KEY PLAN
HES C130 DEMOLITION PLAN, SITE PLAN, AND DETAILS

LIFE SAFETY DRAWINGS

HES LS112 FIRST FLOOR LIFE SAFETY PLAN – AREA 'B'
HES LS115 FIRST FLOOR LIFE SAFETY PLAN – AREA 'E'
HES LS125 SECOND FLOOR LIFE SAFETY PLAN – AREA 'E'

HAZARDOUS MATERIALS DRAWINGS

HES HAZ000 ASBESTOS ABATEMENT NOTES
HES HAZ102 ELEMENTARY SCHOOL FIRST AND SECOND FLOOR ABATEMENT PLAN
HES HAZ103 ELEMENTARY SCHOOL THIRD FLOOR ABATEMENT PLAN

ARCHITECTURAL DEMOLITION DRAWINGS

HES AD110 OVERALL FIRST FLOOR DEMOLITION PLAN
HES AD112 FIRST FLOOR DEMOLITION PLAN – AREA 'B'
HES AD115 FIRST FLOOR DEMOLITION PLAN – AREA 'E'
HES AD120 OVERALL SECOND FLOOR DEMOLITION PLAN
HES AD125 SECOND FLOOR DEMOLITION PLAN – AREA 'E'
HES AD800 OVERALL DEMOLITION REFLECTED CEILING PLANS
HES AD801 GROUND FLOOR DEMOLITION RCP
HES AD811 FIRST FLOOR DEMOLITION RCP – AREA 'A'
HES AD812 FIRST FLOOR DEMOLITION RCP – AREA 'B'
HES AD813 FIRST FLOOR DEMOLITION RCP – AREA 'C'
HES AD814 FIRST FLOOR DEMOLITION RCP – AREA 'D'
HES AD815 FIRST FLOOR DEMOLITION RCP – AREA 'E'
HES AD825 SECOND FLOOR DEMOLITION RCP – AREA 'E'

ARCHITECTURAL DRAWINGS

HES A110 OVERALL FIRST FLOOR NEW WORK PLAN
HES A112 FIRST FLOOR NEW WORK PLAN – AREA 'B'
HES A115 FIRST FLOOR NEW WORK PLAN – AREA 'E'
HES A120 OVERALL SECOND FLOOR NEW WORK PLAN
HES A125 SECOND FLOOR NEW WORK PLAN – AREA 'E'
HES A351 SECTION DETAILS
HES A800 OVERALL NEW WORK REFLECTED CEILING PLANS
HES A801 GROUND FLOOR NEW WORK RCP
HES A811 FIRST FLOOR NEW WORK RCP – AREA 'A'
HES A812 FIRST FLOOR NEW WORK RCP – AREA 'B'
HES A813 FIRST FLOOR NEW WORK RCP – AREA 'C'
HES A814 FIRST FLOOR NEW WORK RCP – AREA 'D'
HES A815 FIRST FLOOR NEW WORK RCP – AREA 'E'
HES A825 SECOND FLOOR NEW WORK RCP – AREA 'E'
HES A901 DOOR SCHEDULE, ELEVATIONS, AND DETAILS

ELECTRICAL GENERAL DRAWINGS

HES E101 ELECTRICAL NOTES, LEGEND, DETAILS & SCHEDULES
HES E102 ELECTRICAL PANEL SCHEDULES
HES E103 ELECTRICAL PANEL SCHEDULES
HES E104 ELECTRICAL ONE-LINE DEMOLITION DIAGRAM
HES E105 ELECTRICAL ONE-LINE DIAGRAM

ELECTRICAL DEMOLITION DRAWINGS

HES ED201 AREA A GROUND FLOOR LIGHTING DEMOLITION PLAN
HES ED211 AREA A & B FIRST FLOOR LIGHTING DEMOLITION PLANS
HES ED212 AREA C FIRST FLOOR LIGHTING DEMOLITION PLAN
HES ED213 AREA D & E FIRST FLOOR LIGHTING DEMOLITION PLANS
HES ED223 AREA E SECOND FLOOR LIGHTING DEMOLITION PLAN
HES ED311 AREA B FIRST FLOOR ELECTRICAL DEMOLITION PLAN
HES ED312 AREA C FIRST FLOOR ELECTRICAL DEMOLITION PLAN
HES ED313 AREA D & E FIRST FLOOR ELECTRICAL DEMOLITION PLANS
HES ED323 AREA E SECOND FLOOR ELECTRICAL DEMOLITION PLAN

ELECTRICAL DRAWINGS

HES E201 AREA A GROUND FLOOR LIGHTING PLAN
HES E211 AREA A & B FIRST FLOOR LIGHTING PLANS
HES E212 AREA C FIRST FLOOR LIGHTING PLAN
HES E213 AREA D & E FIRST FLOOR LIGHTING PLANS
HES E223 AREA E SECOND FLOOR LIGHTING PLAN
HES E311 AREA B FIRST FLOOR ELECTRICAL PLAN
HES E312 AREA C FIRST FLOOR ELECTRICAL PLAN
HES E313 AREA D & E FIRST FLOOR ELECTRICAL PLANS
HES E323 AREA E SECOND FLOOR ELECTRICAL PLAN



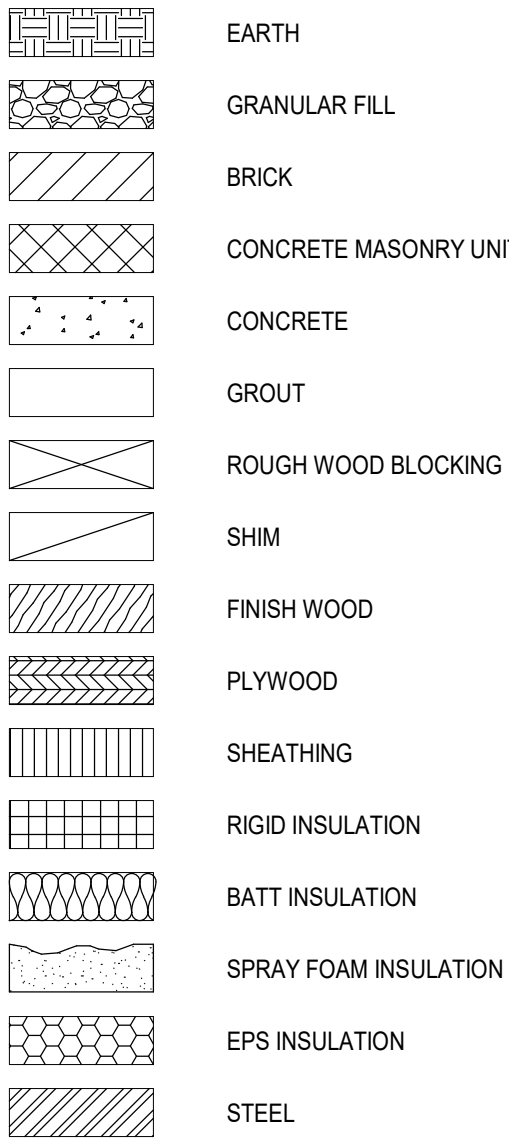
C:\Users\dmliller\Documents\197-2201 - HES Phase1_ARCH_dmliller03.rvt

ABBREVIATIONS

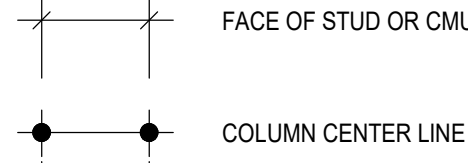
ABBREVIATION	DESCRIPTION
ADD	ADDENDUM
ADMIN	ADMINISTRATIVE
AFF	ABOVE FINISHED FLOOR
ALT	ALTERNATE
APPROX	APPROXIMATE
ARCH	ARCHITECT / ARCHITECTURAL
AV	AUDIO VISUAL
BLDG	BUILDING
BOT OR B1	BOTTOM OF BASEMENT
BSMT	
CJ	CONTROL / CONSTRUCTION JOINT
CL	CENTERLINE
CLG / CLNG	CEILING
CLR	CLEAR
CMU	CONCRETE MASONRY UNIT
COL	COLUMN
CONC	CONCRETE
CONF	CONFERENCE
CONT	CONTINUOUS
COORD	COORDINATE
CORR	CORRIDOR
DEMO	DEMOLITION
DET	DETAIL
DIA	DIAMETER
DN	DOWN
DWG	DRAWING
ED	EDUCATION
EIFS	EXTERIOR INSULATION FINISH SYSTEM
ELECT	ELECTRIC / ELECTRICAL
EPDM	ETHYLENE PROPYLENE DIENE MONOMER
EQ	EQUAL
EQUIP	EQUIPMENT
EXST	EXISTING
EJ	EXPANSION JOINT
EXT	EXTERIOR
FIN	FINISH
FIN FL	FINISH FLOOR
FKT	FIXTURE
FLR	FLOOR
FRT	FIRE-RETARDANT-TREATED MATERIAL
FTG	FOOTING
GA	GAUGE
GAL	GALLON
GALV	GALVANIZED(I)
GC	GENERAL CONTRACT(OR)
GND	GROUND
GWB	GYPSUM WALL BOARD
GWBS	GYPSUM WALL BOARD SOFFIT
HC	HANDICAPPED ACCESSIBLE
HM	HOLLOW METAL
HORIZ	HORIZONTAL
HR	HOUR
HT	HEIGHT
HTG	HEATING
HVAC	HEATING/VENTILATING/AIR CONDITIONING
ID	INSIDE DIMENSION
IN	INCH / INCHES
INT	INTERIOR
JAN	JANITOR
JC	JANITOR'S CLOSET
JST	JOIST
JT	JOINT
LAB	LABORATORY
LB	POUND
LN	LINEAR
LVL	LEVEL
MAN	MANUAL
MAS	MASONRY
MAX	MAXIMUM
MDF	MEDIUM DENSITY FIBERBOARD
MECH	MECHANICAL
MEZZ	MEZZANINE
MFR	MANUFACTURE(R)
MD	MIDDLE
MIN	MINIMUM
MISC	MISCELLANEOUS
MO	MASONRY OPENING
MTL	METAL
NA	NOT APPLICABLE
NIC	NOT IN CONTRACT
NOM	NOMINAL
NTS	NOT TO SCALE
OA	OVERALL
OC	ON CENTER
OD	OUTSIDE DIAMETER
OHHD	OVERHEAD
OPT	OPTIONAL
OZ	OUNCE
PERIM	PERIMETER
PLAM	PLASTIC LAMINATE
PLBG	PLUMBING
PLAS	PLASTER
PLYWD	PLYWOOD
PNL	PANEL
PNT	PAINT(ED)
POLYSO	POLYSOCYANURATE
PPT	PRESSURE PRESERVATIVE TREATED
PR	PAIR
PREP	PREPARATORY
PTN	PARTITION
PVC	POLYVINYL CHLORIDE
RAD	RADIUS
RB	RUBBER / RUBBER WALL BASE
REQD	REQUIRED
RM	ROOM
RND	ROUND
RO	ROUGH OPENING
SCH	SCHEDULED
SECT	SECTION
SF	SQUARE FEET
SIM	SIMILAR
SPEC	SPECIFICATION
SQ	SQUARE
SS	STAINLESS STEEL
STC	SOUND TRANSMISSION CLASS
STD	STANDARD
STL	STEEL
STOR	STORAGE
STRUCT	STRUCTURAL / STRUCTURE
SUSP	SUSPENDED
SAC	SUSPENDED ACOUSTICAL CEILING
T&B	TOP AND BOTTOM
T&G	TONGUE AND GROOVE
TECH	TECHNOLOGY
TEMP	TEMPERARY
TMPO	TEMPERED
TOM	TOP OF MASONRY
TOS	TOP OF STEEL
TYP	TYPICAL
UL	UNDERWRITERS LABORATORY
UNO	UNLESS NOTED OTHERWISE
VERT	VERTICAL
VEST	VESTIBULE
VF	VERIFY IN FIELD
W	WITH
W/O	WITHOUT
WD	WOOD
WPT	WOOD PRESERVED-TREATED MATERIAL
WT	WEIGHT
YD	YARD

ARCHITECTURAL LEGEND

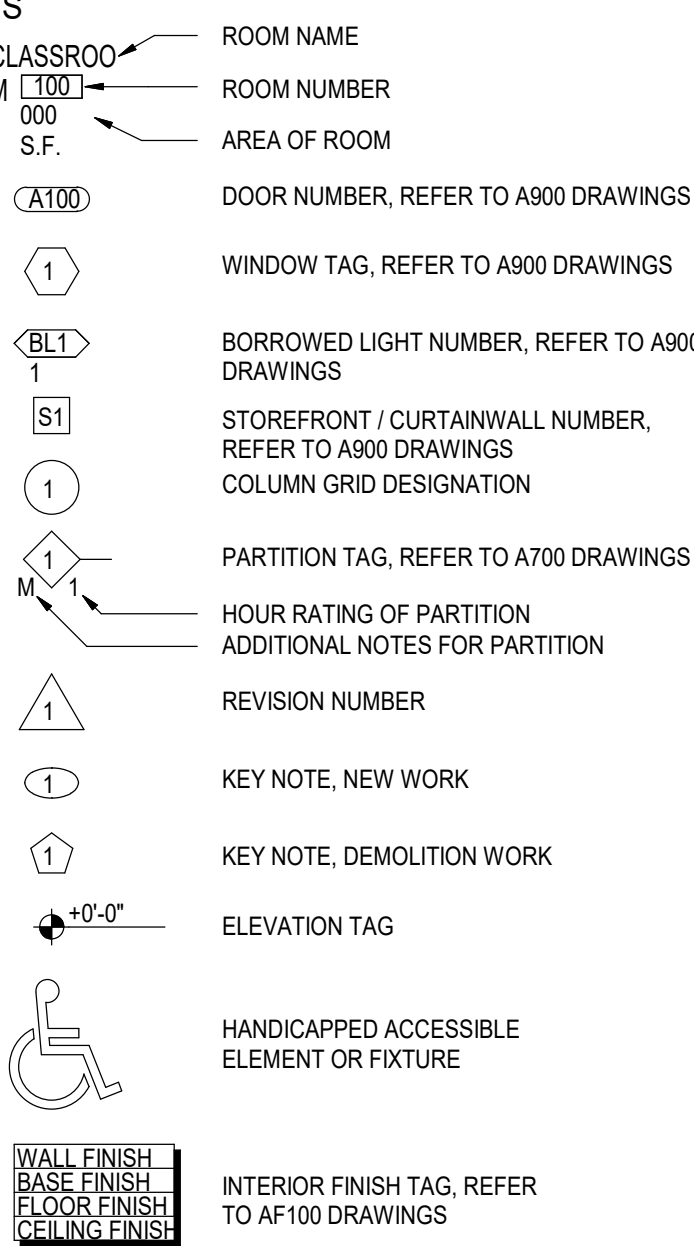
MATERIAL INDICATIONS



DIMENSIONING CONVENTIONS



SYMBOL



DETAIL INDICATOR LEGEND

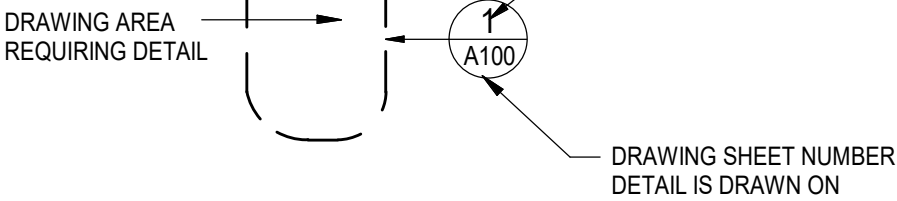
SECTION INDICATOR



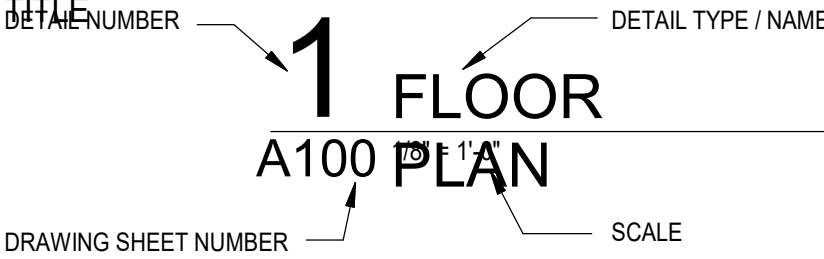
DETAIL INDICATOR (SECTION)



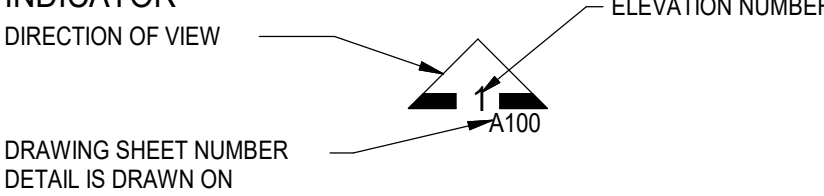
ENLARGED DETAIL INDICATOR



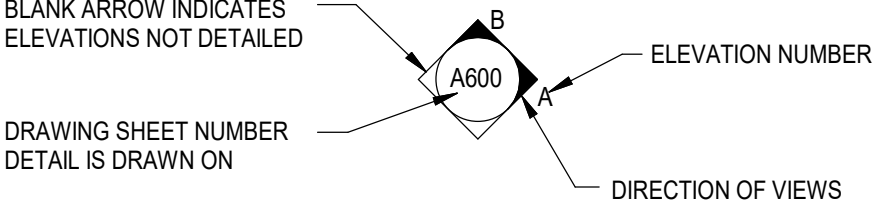
DETAIL



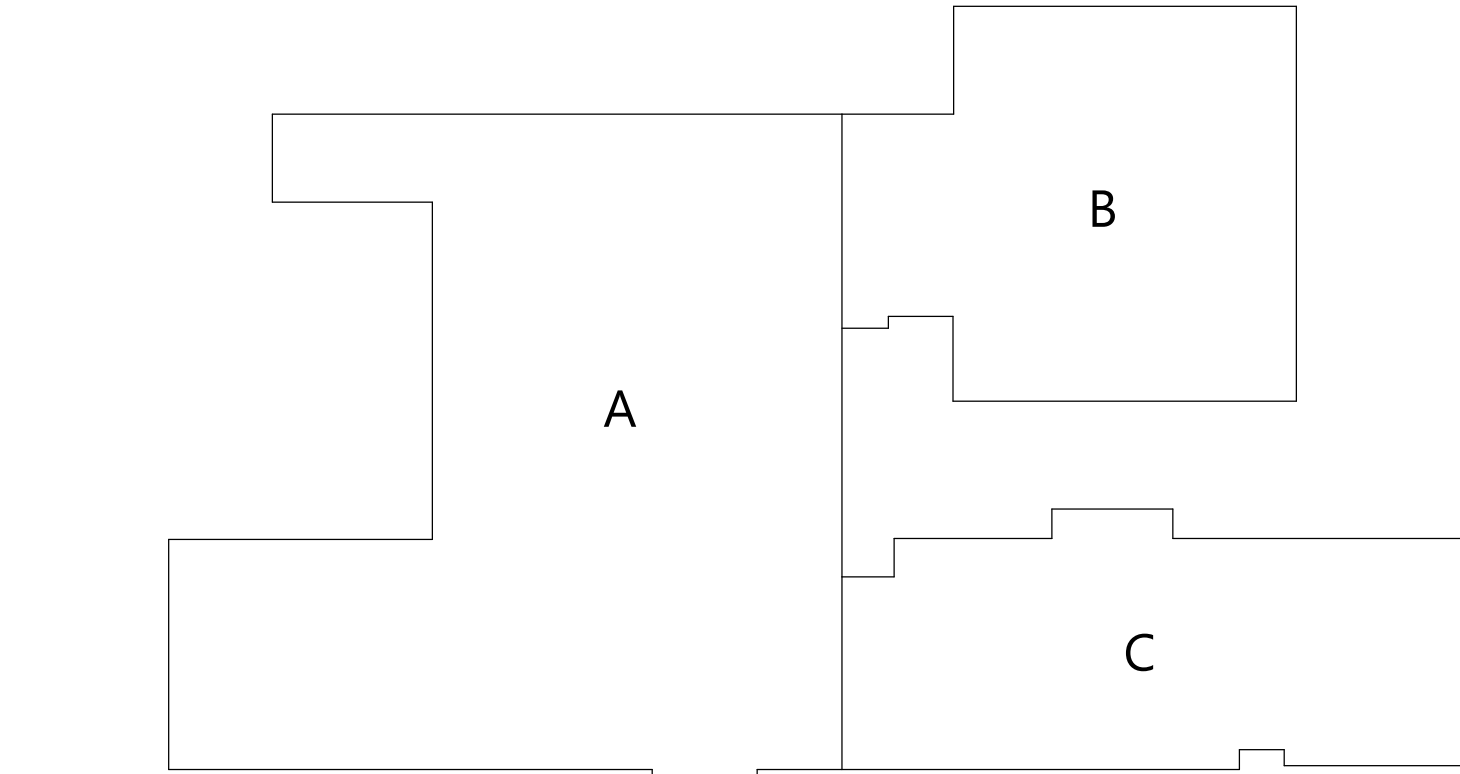
EXTERIOR ELEVATION INDICATOR



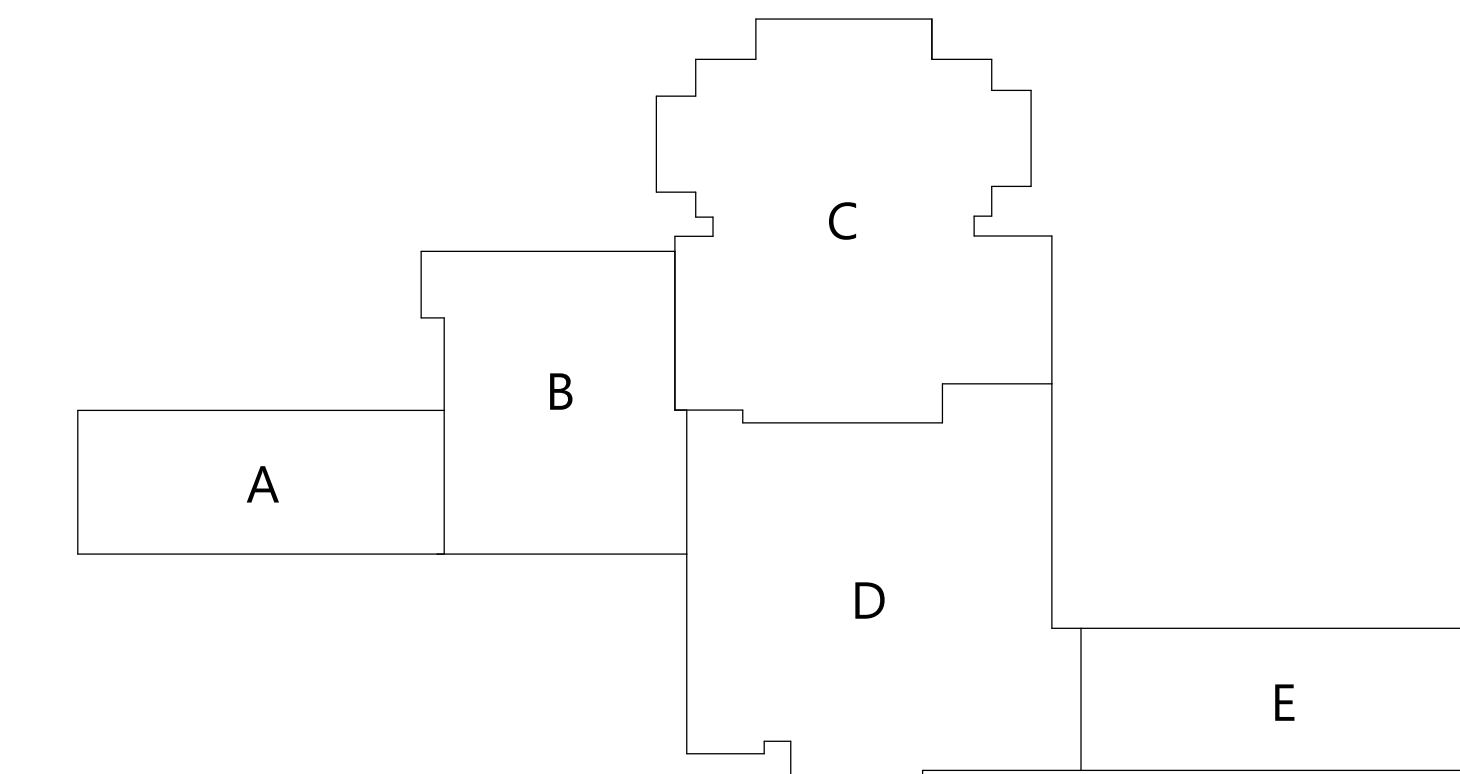
INTERIOR ELEVATION INDICATOR



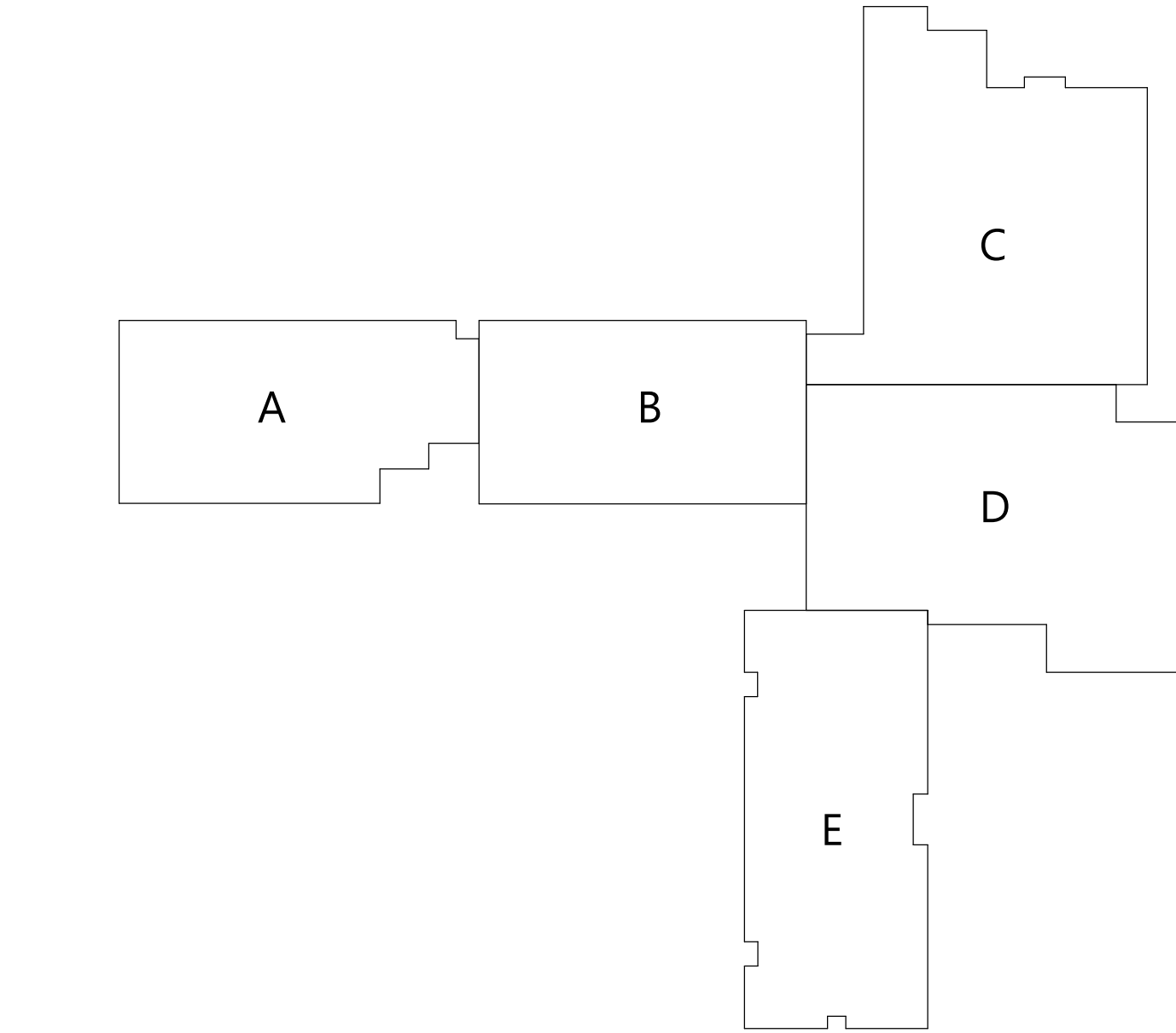
BUILDING KEYPLANS



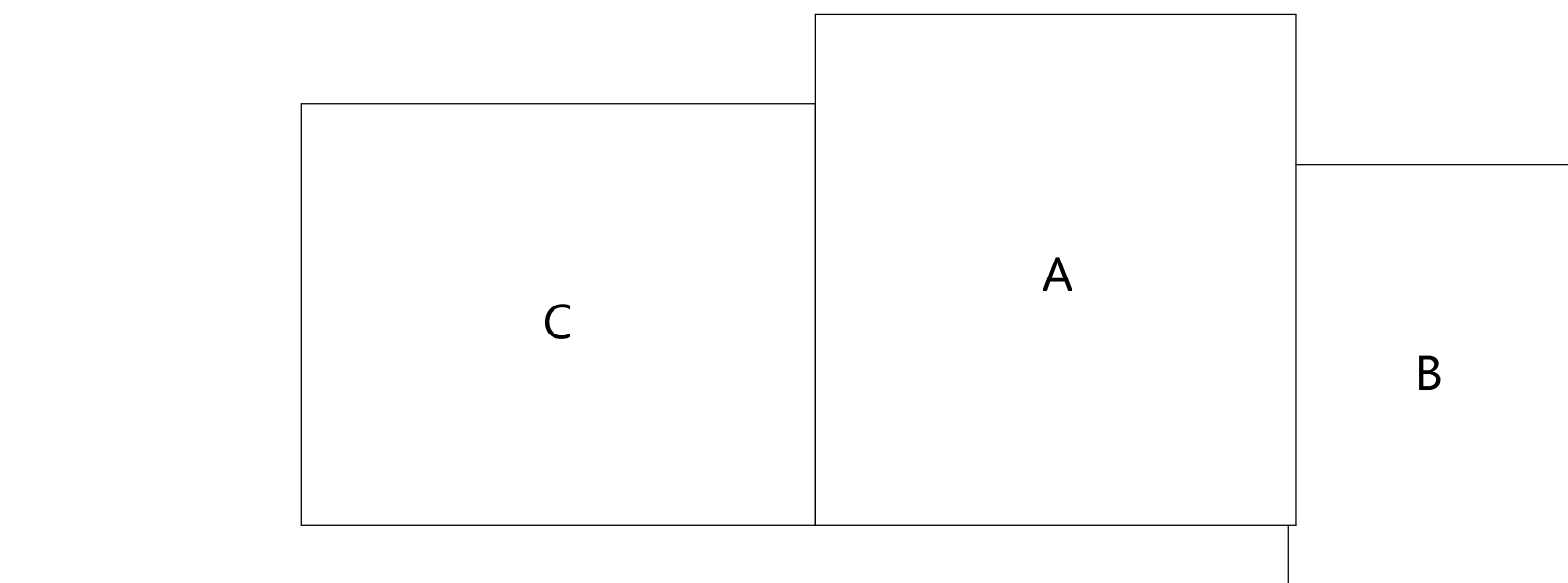
HIGHLAND MIDDLE SCHOOL (HMS)



HIGHLAND HIGH SCHOOL (HHS)

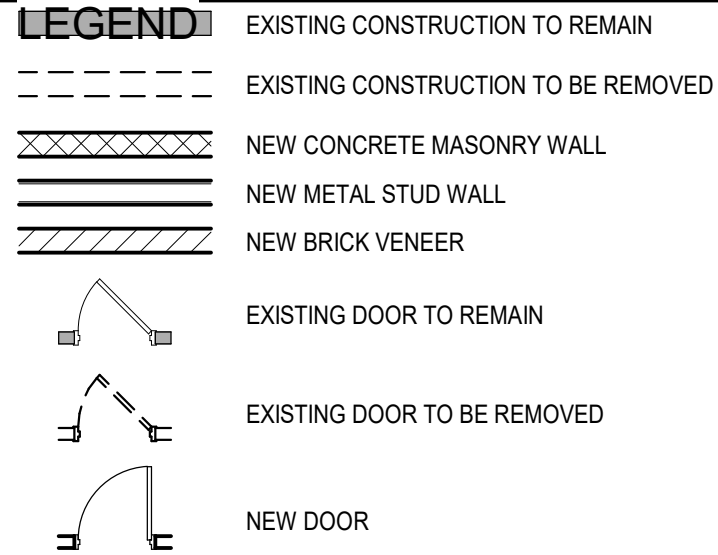


HIGHLAND ELEMENTARY SCHOOL (HES)

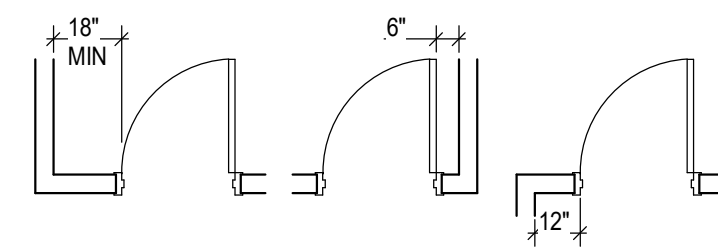


HIGHLAND BUS GARAGE (HBG)

PLAN GRAPHICS



FINISHED DOOR OPENINGS SHALL BE LOCATED AS INDICATED BELOW UNO. DIMENSIONS SHOWN ARE CLEAR DIMENSIONS FROM INSIDE OF FRAME TO WALL FINISH.



GENERAL NOTES

- DIMENSIONS ARE GIVEN THUS (UNLESS NOTED OTHERWISE)
A. TO FACE OF MASONRY WALL
B. TO FACE OF METAL STUD
C. TO COLUMN CENTERLINES
D. TO FINISH FACE OF SOFFIT OR CEILING
E. FACE OF EXISTING CONSTRUCTION
- DO NOT SCALE DRAWINGS. IF A DIMENSION IS NOT SHOWN, BRING IT TO THE ATTENTION OF THE ARCHITECT FOR VERIFICATION BEFORE PROCEEDING WITH THE ASSOCIATED WORK
- WALLS ON COLUMN LINES ARE CENTERED UNO
- ALL DIMENSIONS RELATED TO EXISTING CONDITIONS SHALL BE VERIFIED IN FIELD. CONTRACTOR TO NOTIFY ARCHITECT OF ANY DISCREPANCIES PRIOR TO BEGINNING WORK IN THAT AREA
- LAYOUT OF TOILET FIXTURES AND ACCESSIBILITY CLEARANCES ARE SHOWN AS CLEAR DIMENSION. CONTRACTORS ARE REQUIRED TO COORDINATE LAYOUTS OF PARTITIONS, UTILITY CONNECTIONS, AND THICKNESS OF FINISHES TO ALLOW THESE CLEAR DIMENSIONS
- ALL ELEVATIONS (X-X') ARE REFERENCE FROM FIRST FLOOR ELEVATION
- ALL WOOD BLOCKING WITHIN ROOFING SYSTEM AND WITHIN 2'-0" OF GRADE SHALL BE PRESSURE TREATED
- ALL FLOOR PENETRATIONS SHALL BE SMOKE-SEALED AND/OR FIRE STOPPED. COORDINATE WITH H' DWGS FOR SMOKE / FIRE DAMPER REQUIREMENTS
- FOR INTERIOR PARTITION TYPES, REFER TO DRAWING A701
- FOR DOOR SCHEDULE, REFER TO DRAWING A901
- FOR FINISH SCHEDULE, REFER TO DRAWING AF901
- ALL EXPOSED SURFACES OF NEW PARTITIONS AND SOFFITS ARE TO BE FINISHED
- PROVIDE PATCH TO MATCH EXISTING FINISHES AT ALL REMOVAL AREAS, COORDINATE WITH DEMOLITION DRAWINGS AND SPECIFICATIONS
- FOR ALL MATERIAL TESTING, REFER TO SPECIFICATION DIVISION 000220
- ALL CONSTRUCTION SHOWN IS NEW UNLESS NOTED OTHERWISE

19 Front St., Newburgh, New York 12550-7601
845.561.3379 www.csarch.com

Consultant

HIGHLAND CENTRAL SCHOOL DISTRICT
HIGHLAND ELEMENTARY SCHOOL
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 1

Project Title



Expiration Date: 02/28/2025

DATE	DESCRIPTION

Drawn By:	Author
Checked By:	Checker
Proj. #:	62-08-03-04-0-010-014
CSArch Proj. #:	197-2201.01
Issued for Bid:	08/18/23

Sheet Title

SYMBOLS,
ABBREVIATIONS,
KEY PLANS,
AND MISC.

Sheet No.

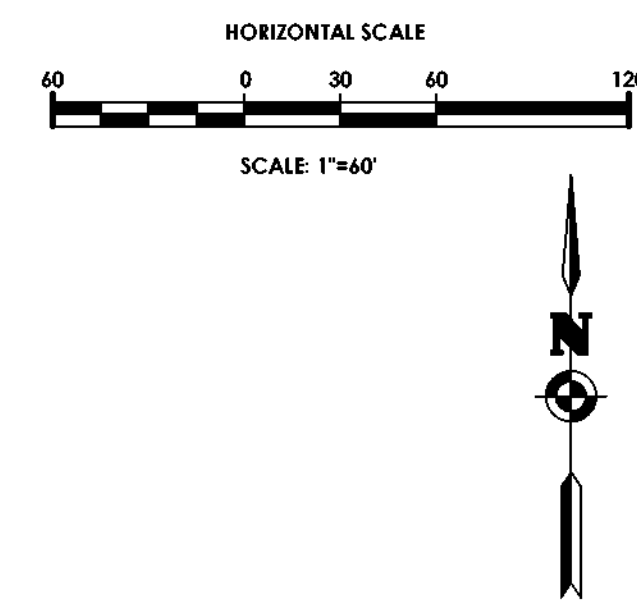
HES
G001

CONSTRUCTION DOCUMENTS

COPYRIGHT © ALL RIGHTS RESERVED

1. EXISTING CONDITIONS SHOWN ARE BASED ON THE BOUNDARY AND TOPOGRAPHIC SURVEY PREPARED BY BOLTON SURVEYING P.C. ON DEC. 31, 2014.
2. CONTRACTOR SHALL FIELD VERIFY ACTUAL SITE CONDITIONS. CONTRACTOR SHALL BE RESPONSIBLE FOR IDENTIFYING AND CORRECTING ANY DISCREPANCIES THAT AFFECT THE WORK TO THE OWNER'S SATISFACTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DEVIATIONS FROM THE PROCEEDING WITH THE WORK.
3. CONTRACTOR SHALL LOCATE ALL EXISTING UTILITIES VERTICALLY AND HORIZONTALLY AND NOTER ANY DEVIATIONS FROM THE RECORD THAT AFFECT THE WORK, AND OBTAIN WRITTEN APPROVAL FROM THE OWNER REPRESENTATIVE FOR ADJUSTMENTS TO THE WORK.
4. CONTRACTOR SHALL PREPARE ALL EXISTING UTILITIES DURING THE WORK, AND VERIFY THEIR FUNCTIONALITY FOLLOWING INSTALLATION OF THE NEW CONCRETE.
5. UPON COMPLETION, ALL PAYMENT AREAS SHALL BE SMOOTH, ALL CURBS SHALL HAVE A GRACE REVEAL UNLESS OTHERWISE SPECIFIED, AND STORMWATER DRAINAGE SHALL BE MAINTAINED.
6. ALL EXISTING SURFACE UTILITIES SHALL BE FLUSH WITH ADJACENT CONCRETE OR LAWN SURFACE.
7. RESTORE LAWN DAMAGE DURING THE WORK WITH MATERIALS MATCHING THE EXISTING LAWN CONDITION.

	PROPERTY BOUNDARY
	RIGHT OF WAY BOUNDARY
	EXISTING EASTMENT LINE
	EXISTING BUILDING
	EXISTING FENCE
	EXISTING MAJOR CONTOUR
	EXISTING MINOR CONTOUR
	EXISTING ASPHALT
	EXISTING CONCRETE
	EXISTING TREE/BRUSH LINE
	EXISTING STORM SEWER MANHOLE AND CATCH BASIN
	EXISTING WATER SERVICE VALVE AND HYDRANT
	EXISTING SIGN
	EXISTING SANITARY SEWER AND MANHOLE
	EXISTING BURIED ELECTRIC LINE
	EXISTING OVERHEAD ELECTRIC LINE & POLE
	EXISTING LIGHT POLE
	EXISTING MANHOLE
	EXISTING ELECTRIC HANDHOLE
	EXISTING GAS MAIN AND VALVE
	EXISTING TELEPHONE LINE
	EXISTING FIBER OPTIC CABLE



— APPROXIMATE BOUNDARY OF
PHASE 1 WORK AREA

Consultant

Project Title

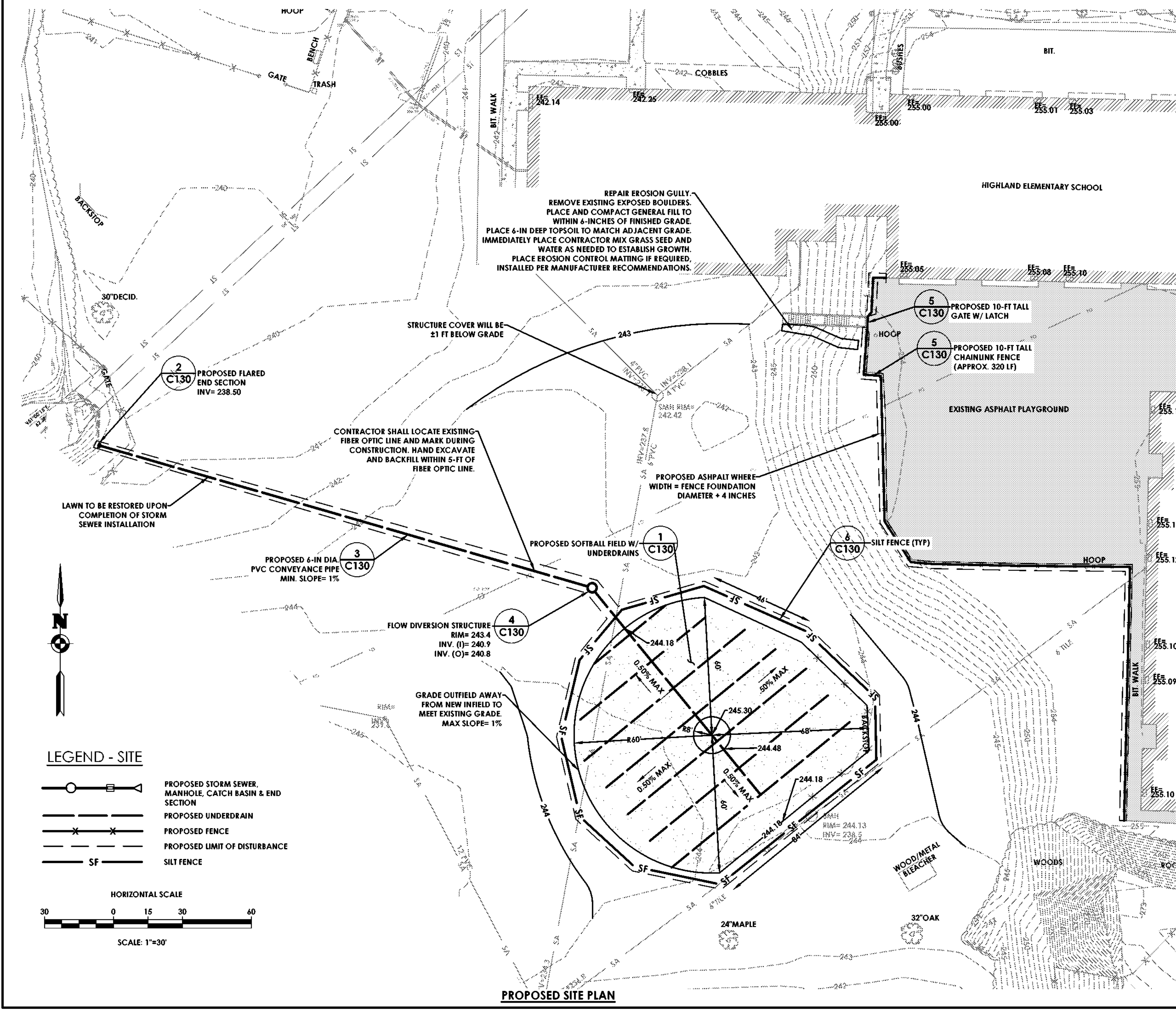


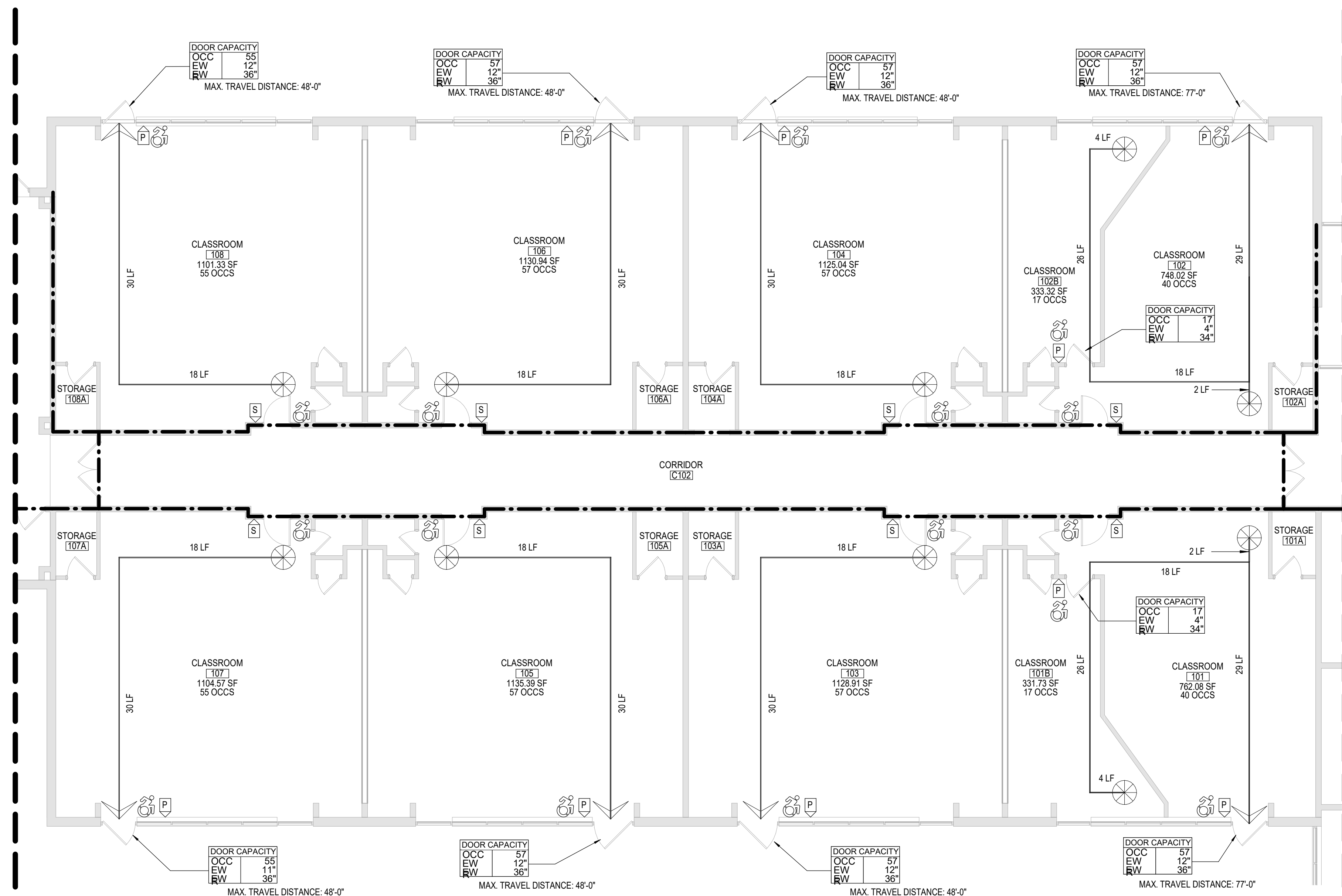
A	DATE	DESCRIPTION
Drawn By:		RV
Checked By:		CJL
Prod. #:	62-08-03-04-0-010-Q1A	
CSArch Prod. #:	197-2201.01	
Issued for Bid:	8/18/23	

Sheet No. HES
C120

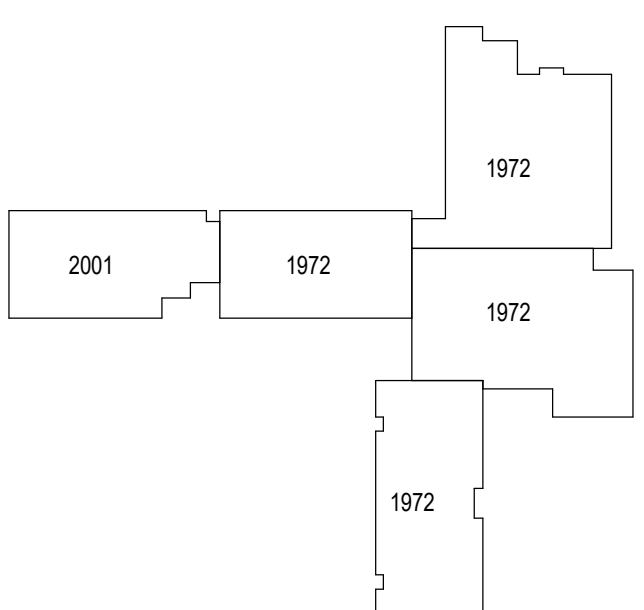
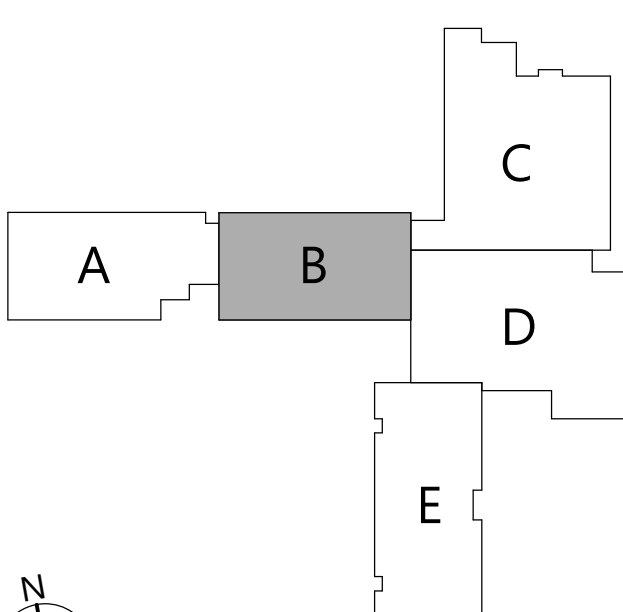
CONSTRUCTION DOCUMENTS

COPYRIGHT © ALL RIGHTS RESERVED





1 FIRST FLOOR NEW LIFE SAFETY PLAN - AREA 'B'

CODE NOTES		LIFE SAFETY PLAN LEGEND	
ALL NEW WORK TO BE PERFORMED SHALL BE IN ACCORDANCE WITH THE FOLLOWING: 2020 INTERNATIONAL BUILDING CODE 2020 INTERNATIONAL EXISTING BUILDINGS CODE - NYS BUILDING CODE SUPPLEMENTS - ANSI A117.1-09 2022 NYS&D MANUAL OF PLANNING STANDARDS		PRIMARY EXIT SECONDARY EXIT RESCUE WINDOW (SECONDARY EXIT) ACCESSIBLE EXIT RESCUE ASSISTANCE STATION / AREA OF REFUGE NUMBER OF OCCUPANTS PER TABLE 1004.1.2 (ACTUAL NUMBER OF OCCUPANTS) REQUIRED EXIT WIDTH FOR DOOR BASED ON (OCCUPANT * 0.2) REQUIRED EXIT WIDTH FOR STAIRS BASED ON (OCCUPANT * 0.3) EXIT PATH OF TRAVEL (START - END)	
ALL EXISTING CONDITIONS AND NEW WORK CONDITIONS CONTAIN THE FOLLOWING MAXIMUM TRAVEL DISTANCES: - EXIT ACCESS TRAVEL DISTANCE SHALL NOT EXCEED 200 FEET FOR UNSPRINKLERED BUILDINGS OF OCCUPANCY TYPE 'E'. - ANY POINT IN ANY GROUND FLOOR CORRIDOR MUST BE WITHIN 150 FEET ALONG THE LINE OF TRAVEL TO AN EXTERIOR DOORWAY. ANY POINT IN A CORRIDOR OTHER THAN A GROUND FLOOR CORRIDOR SHALL NOT EXCEED 120 FEET ALONG THE LINE OF TRAVEL TO THE STAIR ENCLOSURE OF AN EXIT STAIRWAY.		ABBREVIATIONS DC DEFIBRILLATOR CABINET EWP EXIT WIDTH PROVIDED EWR EXIT WIDTH REQUIRED FE FIRE EXTINGUISHER FEC FIRE EXTINGUISHER CABINET OCCS NUMBER OF OCCUPANTS IN SPACE	
ALL EXISTING CONDITIONS AND NEW WORK CONDITIONS CONTAIN THE FOLLOWING DEAD-END CORRIDOR INFORMATION: DEAD-END CORRIDOR POCKETS SHALL NOT EXCEED A MAXIMUM DEPTH OF 1 1/2 TIMES THE WIDTH OF THE POCKET, OR 1 1/2 TIMES THE WIDTH OF THE CORRIDOR, WHICHEVER IS LESS. MAX DEAD-END DISTANCE IS 20'.		SMOKE SEPARATION NOTES PER S.E.D. S105-1, FLOORS SMOKE SEPARATED PER S.E.D. S109.3.b.5, SMOKE SEPARATED ZONES APPROX. 30,000 SF OR LESS SMOKE BARRIER DUCTWORK PENETRATIONS REQUIRED SMOKE DAMPER PER S.E.D. S105-2.d, IN SPRINKLERED BUILDINGS, ALL CORRIDORS SHALL BE PROTECTED FROM THE SPREAD OF SMOKE FROM ADJACENT SPACES. DOOR CLOSERS AND SMOKE DAMPERS ARE REQUIRED	
CONSTRUCTION HISTORY 		FIRE SEPARATION NOTES 1 HOUR RATED FIRE PARTITION 2 HOUR RATED FIRE PARTITION CODE NARRATIVE: 1972 ORIGINAL CONSTRUCTION: CONSTRUCTION TYPE IIB FIRST FLOOR AREA: 60,777 SF GROSS SECOND FLOOR AREA: 13,690 SF GROSS CURRENT USE: 'E' - EDUCATION 2001 CONSTRUCTION: CONSTRUCTION TYPE IIB GROUND FLOOR AREA: 11,312 SF GROSS FIRST FLOOR AREA: 72,089 SF GROSS SECOND FLOOR AREA: 13,890 SF GROSS CURRENT USE: 'E' - EDUCATION BUILDING AREA: (PER TABLE 506.2) PERMITTED FOR TYPE IIB / GROUP 'E' REQUIRED CORRIDOR FIRE-RESISTANCE RATING: (PER TABLE 1004.3.2.1) 1 HOUR	
		KEYPLAN  N Copyright © All Rights Reserved	

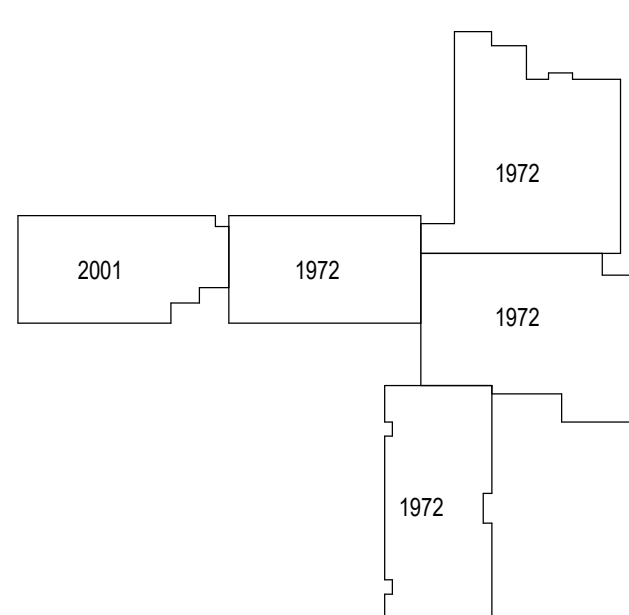
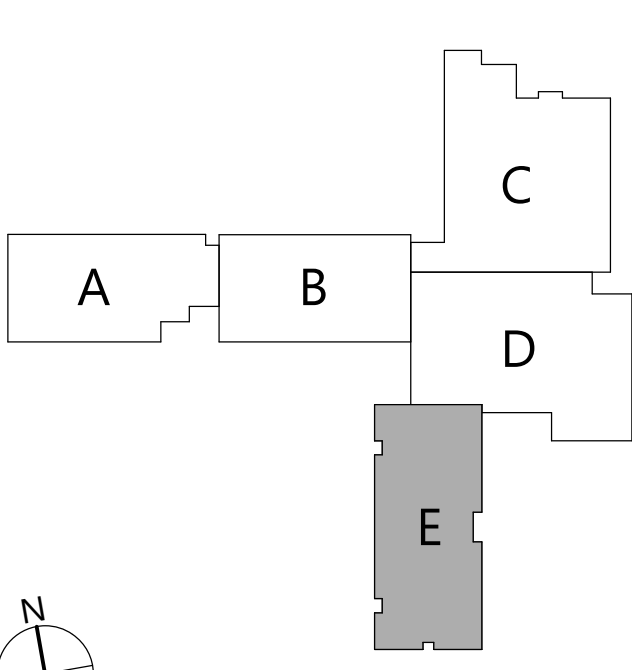
[illegible]

Drawn By:	CSA
Checked By:	CSA
Proj. #:	62-08-03-04-0-010-01
CSArch Proj. #:	197-2201.0
Issued for Bid:	08/18/23

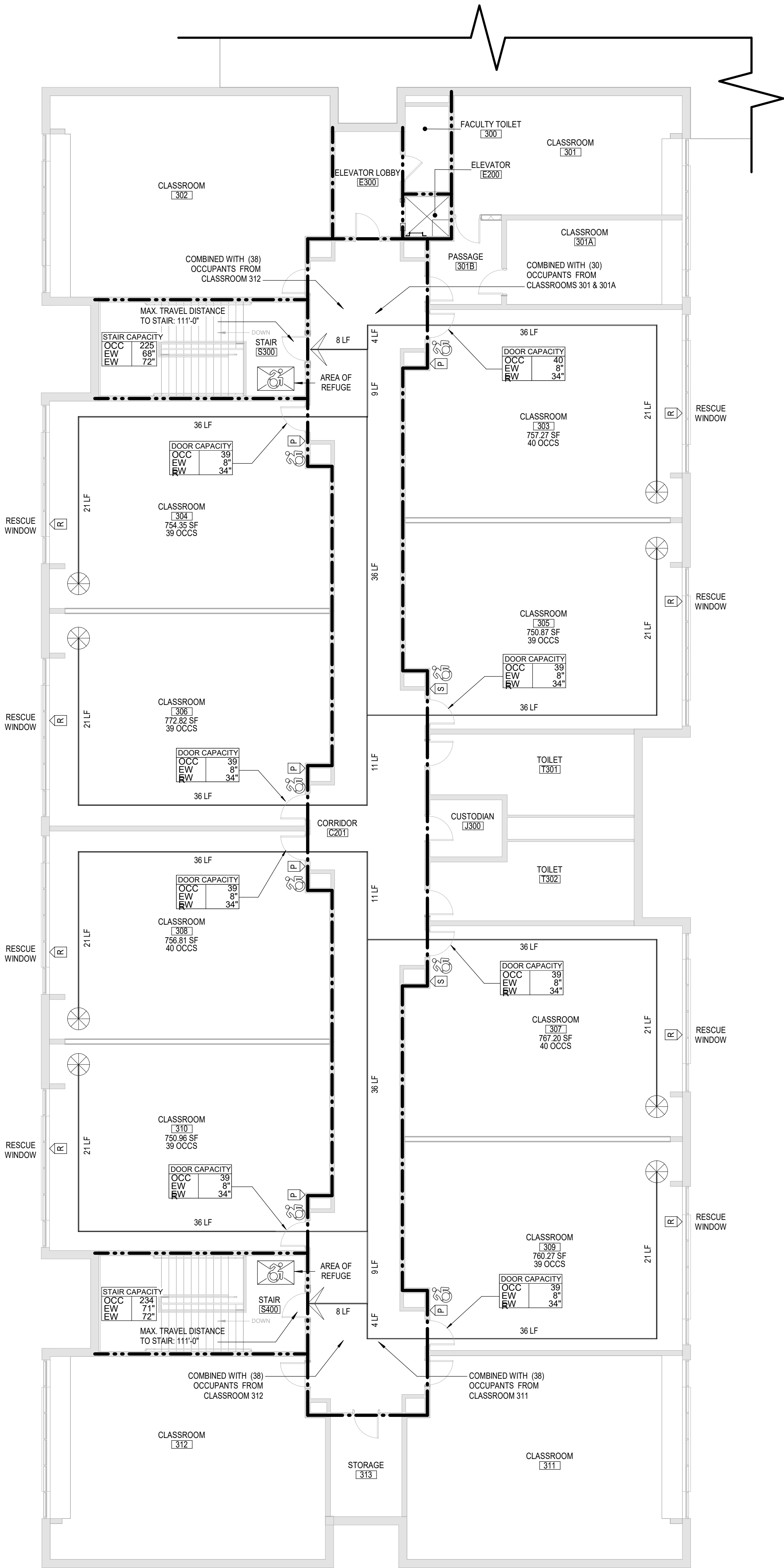
FIRST FLOOR
SAFETY PLAN -
AREA 'B'

HES
LS112



CODE NOTES		LIFE SAFETY PLAN LEGEND	
ALL NEW WORK TO BE PERFORMED SHALL BE IN ACCORDANCE WITH THE FOLLOWING: 2020 INTERNATIONAL BUILDING CODE 2020 INTERNATIONAL EXISTING BUILDING CODE - NYS BUILDING CODE SUPPLEMENTS - ANSI A117.1-09 2022 NYSSED MANUAL OF PLANNING STANDARDS		PRIMARY EXIT SECONDARY EXIT RESCUE WINDOW (SECONDARY EXIT) ACCESSIBLE EXIT RESCUE ASSISTANCE STATION / AREA OF REFUGE NUMBER OF OCCUPANTS PER TABLE 1004.1.2 (ACTUAL NUMBER OF OCCUPANTS) REQUIRED EXIT WIDTH FOR DOOR BASED ON (OCCUPANT * 0.2) REQUIRED EXIT WIDTH FOR STAIRS BASED ON (OCCUPANT * 0.3) EXIT PATH OF TRAVEL (START - END) ABBREVIATIONS DC DEFIBRILLATOR CABINET EWP EXIT WIDTH PROVIDED EWB EXIT WIDTH REQUIRED FE FIRE EXTINGUISHER FEC FIRE EXTINGUISHER CABINET OCCS NUMBER OF OCCUPANTS IN SPACE	
ALL EXISTING CONDITIONS AND NEW WORK CONDITIONS CONTAIN THE FOLLOWING MAXIMUM TRAVEL DISTANCES: - EXIT ACCESS TRAVEL DISTANCE SHALL NOT EXCEED 200 FEET FOR UNSPRINKLERED BUILDINGS OF OCCUPANCY TYPE 'E'. - ANY POINT IN ANY GROUND FLOOR CORRIDOR MUST BE WITHIN 150 FEET ALONG THE LINE OF TRAVEL TO AN EXTERIOR DOORWAY. ANY POINT IN A CORRIDOR OTHER THAN A GROUND FLOOR CORRIDOR SHALL NOT EXCEED 120 FEET ALONG THE LINE OF TRAVEL TO THE STAIR ENCLOSURE OF AN EXIT STAIRWAY.		SMOKE SEPARATION NOTES PER S.E.D. S105-1, FLOORS SMOKE SEPARATED PER S.E.D. S109.3.b.5, SMOKE SEPARATED ZONES APPROX. 30,000 SF OR LESS SMOKE BARRIER DUCTWORK PENETRATIONS REQUIRED SMOKE DAMPER PER S.E.D. S105-2.4, IN SPRINKLERED BUILDINGS, ALL CORRIDORS SHALL BE PROTECTED FROM THE SPREAD OF SMOKE FROM ADJACENT SPACES. DOOR CLOSERS AND SMOKE DAMPERS ARE REQUIRED	
CONSTRUCTION HISTORY 		FIRE SEPARATION NOTES 1 HOUR RATED FIRE PARTITION 2 HOUR RATED FIRE PARTITION <u>CODE NARRATIVE:</u> <u>1972 ORIGINAL CONSTRUCTION:</u> CONSTRUCTION TYPE: IIB FIRST FLOOR AREA: 60,777 SF GROSS SECOND FLOOR AREA: 13,890 SF GROSS CURRENT USE: 'E' - EDUCATION <u>2001 CONSTRUCTION:</u> CONSTRUCTION TYPE: IIB GROUND FLOOR AREA: 11,312 SF GROSS FIRST FLOOR AREA: 72,089 SF GROSS SECOND FLOOR AREA: 13,890 SF GROSS CURRENT USE: 'E' - EDUCATION <u>BUILDING AREA:</u> (PER TABLE 506.2) PERMITTED FOR TYPE IIB / GROUP 'E' <u>REQUIRED CORRIDOR FIRE-RESISTANCE RATING:</u> (PER TABLE 1004.3.2.1) 1 HOUR	
		KEYPLAN 	

C:\Users\dmliller\Documents\197-2201 - HES Phase1_ARCH_dmliller03.rvt



1 SECOND FLOOR NEW LIFE SAFETY PLAN - AREA 'E'
LS125 1/8" = 1'-0"

CODE NOTES	LIFE SAFETY PLAN LEGEND
ALL NEW WORK TO BE PERFORMED SHALL BE IN ACCORDANCE WITH THE FOLLOWING: 2020 INTERNATIONAL BUILDING CODE 2020 INTERNATIONAL EXISTING BUILDING CODE - NYS BUILDING CODE SUPPLEMENTS - ANSI A117.1-09 2022 NYSED MANUAL OF PLANNING STANDARDS ALL EXISTING CONDITIONS AND NEW WORK CONDITIONS CONTAIN THE FOLLOWING MAXIMUM TRAVEL DISTANCES: - EXIT ACCESS TRAVEL DISTANCE SHALL NOT EXCEED 200 FEET FOR UNSPRINKLERED BUILDINGS OF OCCUPANCY TYPE 'E'. - ANY POINT IN ANY GROUND FLOOR CORRIDOR MUST BE WITHIN 150 FEET ALONG THE LINE OF TRAVEL TO AN EXTERIOR DOORWAY. ANY POINT IN A CORRIDOR OTHER THAN A GROUND FLOOR CORRIDOR SHALL NOT EXCEED 120 FEET ALONG THE LINE OF TRAVEL TO THE STAIR ENCLOSURE OF AN EXIT STAIRWAY. ALL EXISTING CONDITIONS AND NEW WORK CONDITIONS CONTAIN THE FOLLOWING DEAD-END CORRIDOR INFORMATION: - DEAD-END CORRIDOR POCKETS SHALL NOT EXCEED A MAXIMUM DEPTH OF 1 1/2 TIMES THE WIDTH OF THE POCKET, OR 1 1/2 TIMES THE WIDTH OF THE CORRIDOR, WHICHEVER IS LESS. MAX DEAD-END DISTANCE IS 20'.	PRIMARY EXIT SECONDARY EXIT RESCUE WINDOW (SECONDARY EXIT) ACCESSIBLE EXIT RESCUE ASSISTANCE STATION / AREA OF REFUGE NUMBER OF OCCUPANTS PER TABLE 1004.1.2 (ACTUAL NUMBER OF OCCUPANTS) REQUIRED EXIT WIDTH FOR DOOR BASED ON (OCCUPANT * 0.2) REQUIRED EXIT WIDTH FOR STAIRS BASED ON (OCCUPANT * 0.3) EXIT PATH OF TRAVEL (START - END) ABBREVIATIONS DC DEFIBRILLATOR CABINET EWP EXIT WIDTH PROVIDED EWIR EXIT WIDTH REQUIRED FE FIRE EXTINGUISHER FEC FIRE EXTINGUISHER CABINET OCCS NUMBER OF OCCUPANTS IN SPACE SMOKE SEPARATION NOTES PER S.E.D. S106-1, FLOORS SMOKE SEPARATED PER S.E.D. S106-3.4.5, SMOKE SEPARATED ZONES APPROX. 30,000 SF OR LESS SMOKE BARRIER DUCTWORK PENETRATIONS REQUIRED SMOKE DAMPER PER S.E.D. S105-2.4, IN SPRINKLERED BUILDINGS, ALL CORRIDORS SHALL BE PROTECTED FROM THE SPREAD OF SMOKE FROM ADJACENT SPACES. DOOR CLOSERS AND SMOKE DAMPERS ARE REQUIRED FIRE SEPARATION NOTES 1 HOUR RATED FIRE PARTITION 2 HOUR RATED FIRE PARTITION CODE NARRATIVE: 1972 ORIGINAL CONSTRUCTION: CONSTRUCTION TYPE: IIB FIRST FLOOR AREA: 60,777 SF GROSS SECOND FLOOR AREA: 13,890 SF GROSS CURRENT USE: 'E' - EDUCATION 2001 CONSTRUCTION: CONSTRUCTION TYPE: IIB GROUND FLOOR AREA: 11,312 SF GROSS FIRST FLOOR AREA: 72,086 SF GROSS SECOND FLOOR AREA: 13,890 SF GROSS CURRENT USE: 'E' - EDUCATION BUILDING AREA: (PER TABLE 506.2) PERMITTED FOR TYPE IIB / GROUP 'E' REQUIRED CORRIDOR FIRE-RESISTANCE RATING: (PER TABLE 1004.3.2.1) 1 HOUR
CONSTRUCTION HISTORY	

19 Front St., Newburgh, New York 12550-7601
845.561.1317 www.csarch.com

CSARCH

HIGHLAND CENTRAL SCHOOL DISTRICT
HIGHLAND ELEMENTARY SCHOOL
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 1

Project Title



Expiration Date: 02/28/2025

DATE	DESCRIPTION

Drawn By: CSA
Checked By: CSA
Proj. #: 62-08-03-84-0-010-014
CSArch Proj. #: 197-2201.01
Issued for Bid: 08/18/23

Sheet Title

SECOND FLOOR LIFE SAFETY PLAN - AREA 'E'

Sheet No.

HES
LS125

CONSTRUCTION DOCUMENTS

COPYRIGHT © ALL RIGHTS RESERVED

1. THESE DRAWINGS HAVE BEEN PREPARED BY UTILIZING THE OWNERS ORIGINAL CONSTRUCTION DOCUMENTS IN ORDER TO ILLUSTRATE THE EXISTING CONDITIONS OF THE SITE AND STRUCTURES THEREIN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ACTUAL VERIFICATION OF ALL EXISTING CONDITIONS IN THE FIELD.
2. THE CONTRACTOR SHALL DETERMINE EXACT FINAL LOCATIONS OF PERSONNEL AND WASTE DECONTAMINATION ENCLOSURES, PICK UP AREA FOR REFUSE AND ASBESTOS DEBRIS, THESE LOCATIONS SHALL BE REVIEWED AND PROPERLY APPROVED BY THE DISTRICT PRIOR TO COMMENCEMENT OF WORK. THIS CONTRACTOR SHALL ESTABLISH, LABEL AND MAINTAIN PROPER EXITS AND WAYS OF DEPARTURE WITHIN EACH WORK AREA FOR NORMAL AND EMERGENCY USE BY WORKERS DURING ALL ABATEMENT.
3. THE CONTRACTOR, PRIOR TO BIDDING, SHALL BE RESPONSIBLE TO BECOME COMPLETELY FAMILIAR WITH ALL ASPECTS OF THE PROJECT, INCLUDING, BUT NOT LIMITED TO, ALL DEMOLITION AND CONSTRUCTION WORK AS SHOWN IN THE COMPLETE SET OF DRAWINGS AND IN THE PROJECT MANUAL/SPECIFICATIONS, IN ORDER THAT THE FULL SCOPE OF WORK WHICH MAY ENCOUNTER ASBESTOS CONTAINING MATERIALS IS UNDERSTOOD AND ACCOUNTED FOR BY THE CONTRACTOR IN THIS PROJECT WHETHER OR NOT SHOWN IN THESE DOCUMENTS.

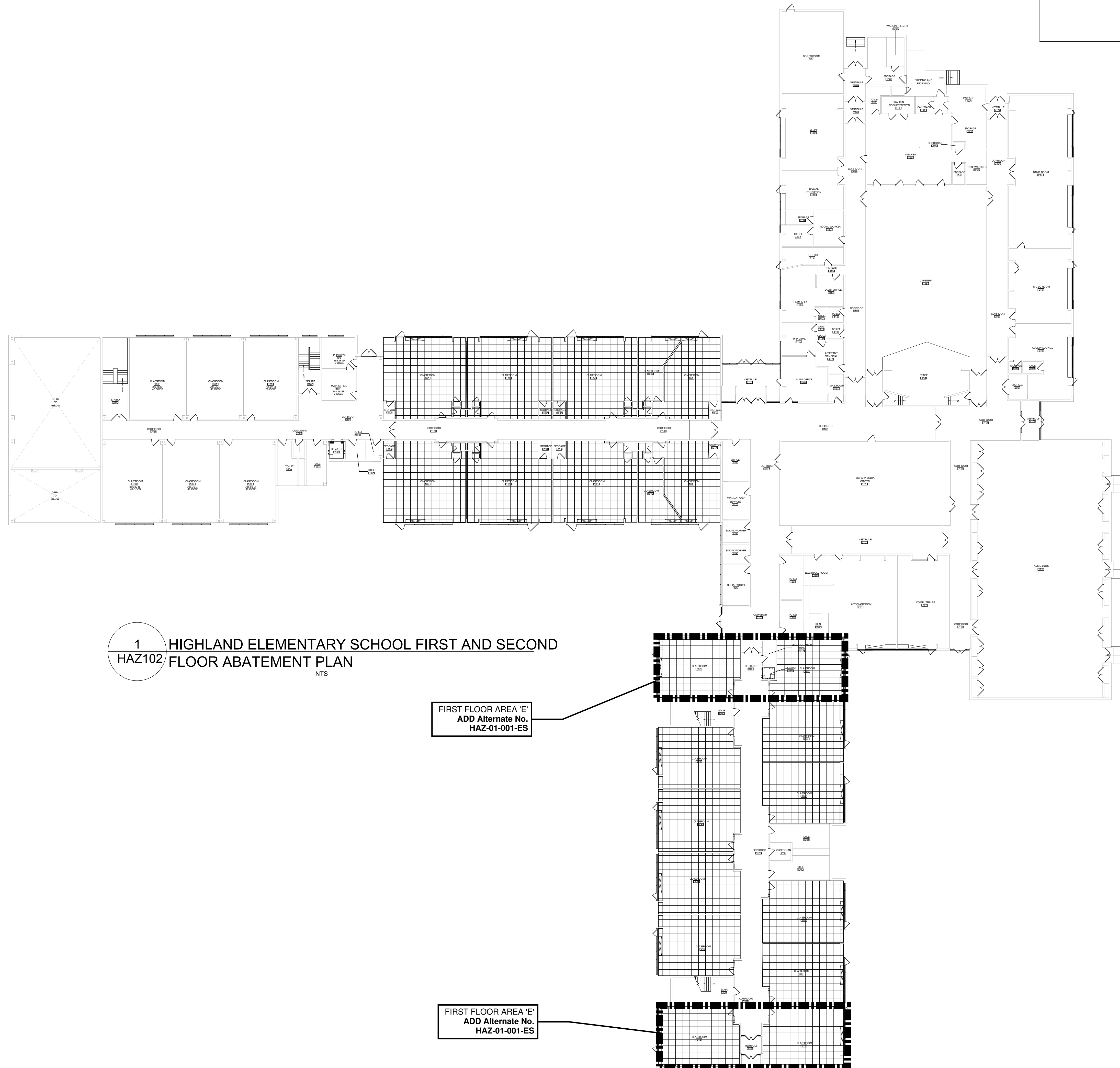
1. ASBESTOS ABATEMENT INDICATED ON THIS DRAWING SHALL BE PERFORMED BY A NYS DEPARTMENT OF LABOR LICENSED ASBESTOS CONTRACTOR, THAT SHALL VERIFY ALL EXISTING CONDITIONS, DIMENSIONS AND QUANTITIES PRIOR TO BID.
2. THE CONTRACTOR SHALL PERFORM ALL CONTRACT WORK IN ACCORDANCE WITH CONTRACT SPECIFICATIONS, NEW YORK STATE DEPARTMENT OF LABOR (NYSOL) INDUSTRIAL CODE RULE 56, OSHA, NESHAPS, AHEA, NYSDEC AND ALL OTHER APPLICABLE CODES.
3. THE CONTRACTOR SHALL MAINTAIN THE SITE AS NEAT AS POSSIBLE AND ORDERLY DURING THE WORK. ALL LOOSE DEBRIS WHICH MAY BLOW OFF THE SITE SHALL BE COLLECTED AND DISPOSED OF PROPERLY BY THE CONTRACTOR ON A DAILY BASIS AS PART OF THE PROJECT.
4. THE CONTRACTOR SHALL PROVIDE BARRIERS AROUND THE WORK AREAS IN ORDER TO ENSURE SAFE PASSAGE BY ANY PERSON. THESE BARRIERS SHALL ALSO SERVE TO KEEP ALL UNAUTHORIZED PERSONS OUT THE PROJECT AREA FOR THE DURATION OF THE WORK.
5. VARIANCES: CONTRACTOR SHALL PAY FOR AND OBTAIN ANY NECESSARY SITE SPECIFIC VARIANCES.
6. THE CONTRACTOR SHALL MAINTAIN SECURITY IN THE BUILDING AND THE WORK AREAS AT ALL TIMES.
7. PROJECT STAGING, STORAGE, SCHEDULING AND ACCESS SHALL BE COORDINATED WITH AND APPROVED BY THE ARCHITECT, CM AND OWNER PRIOR TO PROCEEDING WITH WORK.
8. SHOULD IT BE NECESSARY, CONTRACTOR SHALL COORDINATE SHUT DOWN AND LOCK OUT OF THE ELECTRICAL POWER WITH OWNER'S POWER WITH OWNER'S REPRESENTATIVE PRIOR TO THE COMMENCEMENT OF WORK.
9. ALL TEMPORARY POWER TO THE WORK AREA SHALL BE BROUGHT IN FROM OUTSIDE THE WORK AREA THROUGH A GROUND-FAULT CIRCUIT INTERRUPTER AT THE SOURCE.
10. CONTRACTOR SHALL COORDINATE HOOKUP OF WATER SERVICE FOR DECONTAMINATION PURPOSED WITH OWNER'S REPRESENTATIVE. WATER FOR THE DECONTAMINATION UNITS IS AVAILABLE FROM THE OWNER.
11. THE OWNER OR OWNER'S REPRESENTATIVE IS RESPONSIBLE TO CONTRACT FOR NYSOL PROJECTS MONITORING/AIR SAMPLING TECHNICIAN SERVICES AS REQUIRED.
12. CONTRACTOR TO PROVIDE A COPY OF SDS'S FOR ANY CHEMICAL AGENTS TO BE USED DURING THE ASBESTOS ABATEMENT TO THE PROJECT MONITOR AND THE OWNER'S REPRESENTATIVE.
13. CONTRACTOR SHALL REQUEST AND RECEIVE PROJECT MONITOR AND OWNER'S REPRESENTATIVE APPROVAL OF ALL WORK BEFORE ANY ABATEMENT IS UNDERTAKEN.
14. UNDER NO CIRCUMSTANCES SHALL CONTAMINATED WASTE WATER BE FILTERED THOUGH A SYSTEM WITHOUT AT LEAST A 5.0 MICRON PARTICLE SIZE COLLECTION CAPABILITY.
15. DRAWINGS ATTEMPT TO INDICATE THE GENERAL SCOPE OF EXISTING CONDITIONS AND ITEMS EFFECTED BY THE ABATEMENT WORK. CONTRACTOR SHALL EXAMINE THE WORK AREA PRIOR TO BID AND SHALL INCLUDE FIELD VARIATIONS FROM THOSE SHOWN WITH IN THE GENERAL INTENT OF THE WORK.
16. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL ASBESTOS CONTAINING MATERIALS CONTAINED WITHIN THE PROJECT AND ASSOCIATED WITH ALL PROJECT WORK, IN COMPLIANCE WITH ALL APPLICABLE LAWS, RULES, REGULATIONS AND ALL REQUIREMENTS OF ALL AUTHORITIES HAVING JURISDICTION.
17. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL ASBESTOS CONTAINING MATERIALS CONTAINED WITHIN THE PROJECT AND ASSOCIATED WITH ALL PROJECT WORK, IN THE MOST EFFICIENT AND COST EFFECTIVE METHOD POSSIBLE, WHICH ALSO COMPLIES WITH THE REQUIREMENTS LISTED ABOVE.

1. PROVIDE ALL APPLICABLE CODE RULE 56 PROCEDURES, CLEAN UP, AND ADDITIONAL TESTING AS REQUIRED.
2. PRIOR TO ABATEMENT, ALL CONTRACTORS WILL SURVEY EXISTING CONDITIONS IN THE ABATEMENT AND GENERAL WORK AREAS. ITEMS/MATERIALS/ETC. DAMAGED, OR NON-FUNCTIONAL SHALL BE LISTED, NOTED, PHOTOGRAPHED AND REVIEWED WITH THE PROJECT INSPECTOR. ALL OTHER ITEMS/MATERIALS SHALL BE REVIEWED WITH THE PROJECT INSPECTOR. ALL OTHER ITEMS/MATERIALS SHALL BE ASSUMED TO BE IN GOOD CONDITION AND GOOD WORKING ORDER. IT SHALL BE THE RESPONSIBILITY OF THE ABATEMENT CONTRACTOR TO MAINTAIN ALL MATERIALS, ITEMS, EQUIPMENT, SYSTEMS, ETC. IN ITS ORIGINAL CONDITION AND RETURN TO OWNER/GC, ETC. IN SAME CONDITION AT THE END OF THIS CONTRACT.
3. REMOVE ALL TEMPORARY ENCLOSURES, BARRIERS, ETC. REINSTALL ITEMS/WORK PREVIOUSLY REMOVED, ALL TAPE AND ADHESIVE RESIDUALS TO BE REMOVED. TEST AND REPAIR.
4. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO ENSURE AGAINST DAMAGE TO THE EXISTING WORK TO REMAIN IN PLACE. ANY DAMAGE TO SUCH WORK SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ARCHITECT AND OWNER AT NO ADDITIONAL COST TO THE CONTRACT.
5. AT COMPLETION OF THE ABATEMENT WORK, A CONDITION SURVEY SHALL BE DONE BY ALL CONTRACTORS AND PROJECT INSPECTOR (SEE NOTE #2). ANY VARIATION (I.E. DAMAGE BY THE CONTRACTOR), AND OTHERWISE NOT INCLUDED AS PART OF THE RECONSTRUCTION WORK, SHALL BE REPAIRED/RESTORED BY THE ABATEMENT CONTRACTOR.
6. THE CONTRACTOR SHALL, UPON COMPLETION OF THE REMOVAL, PROVIDE WRITTEN DOCUMENTATION (INCLUDING ALL APPROPRIATE THIRD PARTY TESTING RESULTS) THAT THE PROJECT WORK AREAS ARE COMPLETELY FREE OF ALL ASBESTOS CONTAINING MATERIALS.
7. THE CONTRACTOR SHALL PROVIDE RECORDS OF ALL ASBESTOS CONTAINING MATERIALS REMOVED FROM THE SITE, INCLUDING THE COMPOSITION AND VOLUMES OF DISPOSED MATERIALS AND THE FINAL DISPOSAL SITE(S).

ASBESTOS ABATEMENT LEGEND	
①	REMOVE AND DISPOSE OF FRIBLE ACM JOINT COMPOUND AND SHEETROCK AT WALL AND CEILING LOCATIONS. REFER TO NOTE 1
②	REMOVE AND DISPOSE OF ACM MUDDED JOINT PACKING (MJP) AND THERMAL SYSTEMS INSULATION AT DESIGNATED LOCATIONS. REFER TO NOTE 2
③	REMOVE AND DISPOSE OF ACM FLOOR TILE AND MASTIC AT DESIGNATED LOCATIONS. REFER TO NOTE 3.
④	CONTRACTOR TO REMOVE AND DISPOSE OF ACM CONTAMINATED GLUE DABS AT DESIGNATED LOCATIONS. REFER TO NOTE 4.

- ① ASBESTOS CONTRACTOR IS RESPONSIBLE FOR TOTAL AND COMPLETE REMOVAL AND DISPOSAL OF FRIABLE ACM CONTAINING JOINT COMPOUND AND ASSOCIATED SHEETROCK WALLS TO A HEIGHT OF SIX FEET, TYPICAL AT CORRIDOR LOCKER REMOVAL LOCATIONS. LIGHT FIXTURES WILL BE STABILIZED, HEPA VACUUMED, WET WIPED, PLASTICIZED AND REMAIN IN PLACE. ALL SMOKE AND CARBON MONOXIDE (CO) DETECTORS WILL BE PROTECTED WITH 2 LAYERS OF SIX MIL THICKNESS, FIRE RETARDANT POLY.
- ② ASBESTOS ABATEMENT CONTRACTOR IS RESPONSIBLE FOR TOTAL AND COMPLETE REMOVAL AND DISPOSAL OF FRIABLE ASBESTOS CONTAINING MUDDIED JOINT PIPE (MJP) THERMAL SYSTEMS INSULATION LOCATED IN THE BOILER ROOM. SUSPENDED LIGHT FIXTURES WILL BE STABILIZED, HEPA VACUUMED, WET WIPED, PLASTICIZED AND REMAIN IN PLACE. GRID TO BE REMOVED UNDER CONTAINMENT TO ACCESS ACM. ALL SMOKE AND CARBON MONOXIDE (CO) DETECTORS WILL BE PROTECTED WITH 2 LAYERS OF SIX MIL THICKNESS, FIRE RETARDANT POLY.
- ③ ASBESTOS CONTRACTOR IS RESPONSIBLE FOR TOTAL AND COMPLETE REMOVAL AND DISPOSAL OF NON-FRIABLE ACM FLOOR TILE AND MASTIC AT LOCATIONS INDICATED ON THE PLANS.
- ④ ASBESTOS CONTRACTOR IS RESPONSIBLE FOR TOTAL AND COMPLETE REMOVAL AND DISPOSAL OF ACM GLUE DABS ADHERING ACQUOSTAL WALL TILE, AND ACQUOSTAL WALL TILE AT LOCATIONS INDICATED. TYPICAL LOCATIONS ARE ASSOCIATED WITH VARIOUS WALL TYPES IN CLASSROOMS AS INDICATED ON PLANS.

REFER TO SPECIFICATIONS SECTION 028200 - SECTION 3.17 FOR A MORE DETAILED DESCRIPTION AND EXPLANATION OF THE REQUIREMENTS OF THE ASBESTOS ABATEMENT WORK.



FIRST FLOOR AREA 'E'
ADD Alternate No.
HAZ-01-001-ES

FIRST FLOOR AREA 'E'
ADD Alternate No.
HAZ-01-001-ES

[illegible]

Drawn By:	AM
Checked By:	GD
Proj. #:	62-08-03-04-0-010-014
Arch Proj. #:	197-2201.01
Construction Documents:	1/31/23

ELEMENTARY SCHOOL 1ST & 2ND FLOOR ABATEMENT PLAN

HES
HAZ-102

1		REMOVE AND DISPOSE OF FRIABLE ACM JOINT COMPOUND AND SHEETROCK AT WALL AND CEILING LOCATIONS. REFER TO NOTE 1
2		REMOVE AND DISPOSE OF ACM MUDDED JOINT PACKING (MJP) AND THERMAL SYSTEMS INSULATION AT DESIGNATED LOCATIONS. REFER TO NOTE 2
3		REMOVE AND DISPOSE OF ACM FLOOR TILE AND MASTIC AT DESIGNATED LOCATIONS. REFER TO NOTE 3.
4		CONTRACTOR TO REMOVE AND DISPOSE OF ACM CONTAMINATED GLUE DABS AT DESIGNATED LOCATIONS. REFER TO NOTE 4.

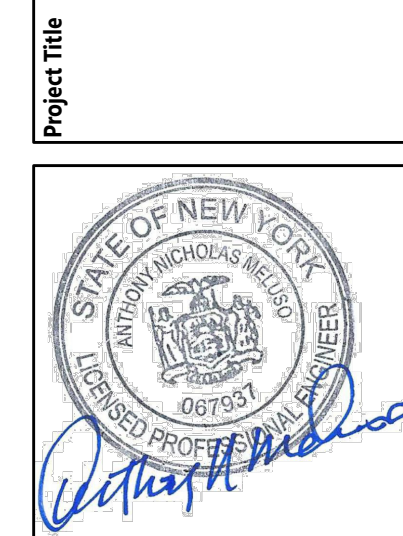
- ① ASBESTOS CONTRACTOR IS RESPONSIBLE FOR TOTAL AND COMPLETE REMOVAL AND DISPOSAL OF FRIABLE ACM CONTAINING JOINT COMPOUND AND ASSOCIATED SHEETROCK WALLS TO A HEIGHT OF SIX FEET, TYPICAL AT CORRIDOR LOCKER REMOVAL LOCATIONS. LIGHT FIXTURES WILL BE STABILIZED, HEPA VACUUMED, WET WIPED, PLASTICIZED AND REMAIN IN PLACE. ALL SMOKE AND CARBON MONOXIDE (CO) DETECTORS WILL BE PROTECTED WITH 2 LAYERS OF SIX MIL THICKNESS, FIRE RETARDANT POLY.
- ② ASBESTOS ABATEMENT CONTRACTOR IS RESPONSIBLE FOR TOTAL AND COMPLETE REMOVAL AND DISPOSAL OF FRIABLE ASBESTOS CONTAINING MUDDIED JOINT PIPE (MJP) THERMAL SYSTEMS INSULATION LOCATED IN THE BOILER ROOM. SUSPENDED LIGHT FIXTURES WILL BE STABILIZED, HEPA VACUUMED, WET WIPED, PLASTICIZED AND REMAIN IN PLACE. GRID TO BE REMOVED UNDER CONTAINMENT TO ACCESS ACM. ALL SMOKE AND CARBON MONOXIDE (CO) DETECTORS WILL BE PROTECTED WITH 2 LAYERS OF SIX MIL THICKNESS, FIRE RETARDANT POLY.
- ③ ASBESTOS CONTRACTOR IS RESPONSIBLE FOR TOTAL AND COMPLETE REMOVAL AND DISPOSAL OF NON-FRIABLE ACM FLOOR TILE AND MASTIC AT LOCATIONS INDICATED ON THE PLANS.
- ④ ASBESTOS CONTRACTOR IS RESPONSIBLE FOR TOTAL AND COMPLETE REMOVAL AND DISPOSAL OF ACM GLUE DABS ADHERING ACOUSTICAL WALL TILE, AND ACOUSTICAL WALL TILE AT LOCATIONS INDICATED. TYPICAL LOCATIONS ARE ASSOCIATED WITH VARIOUS WALL TYPES IN CLASSROOMS AS INDICATED ON PLANS.

REFER TO SPECIFICATIONS SECTION 028200 - SECTION 3.17 FOR A MORE DETAILED DESCRIPTION AND EXPLANATION OF THE REQUIREMENTS OF THE ASBESTOS ABATEMENT WORK.



QuES&T
Quality Environmental
Solutions & Technologies, Inc.

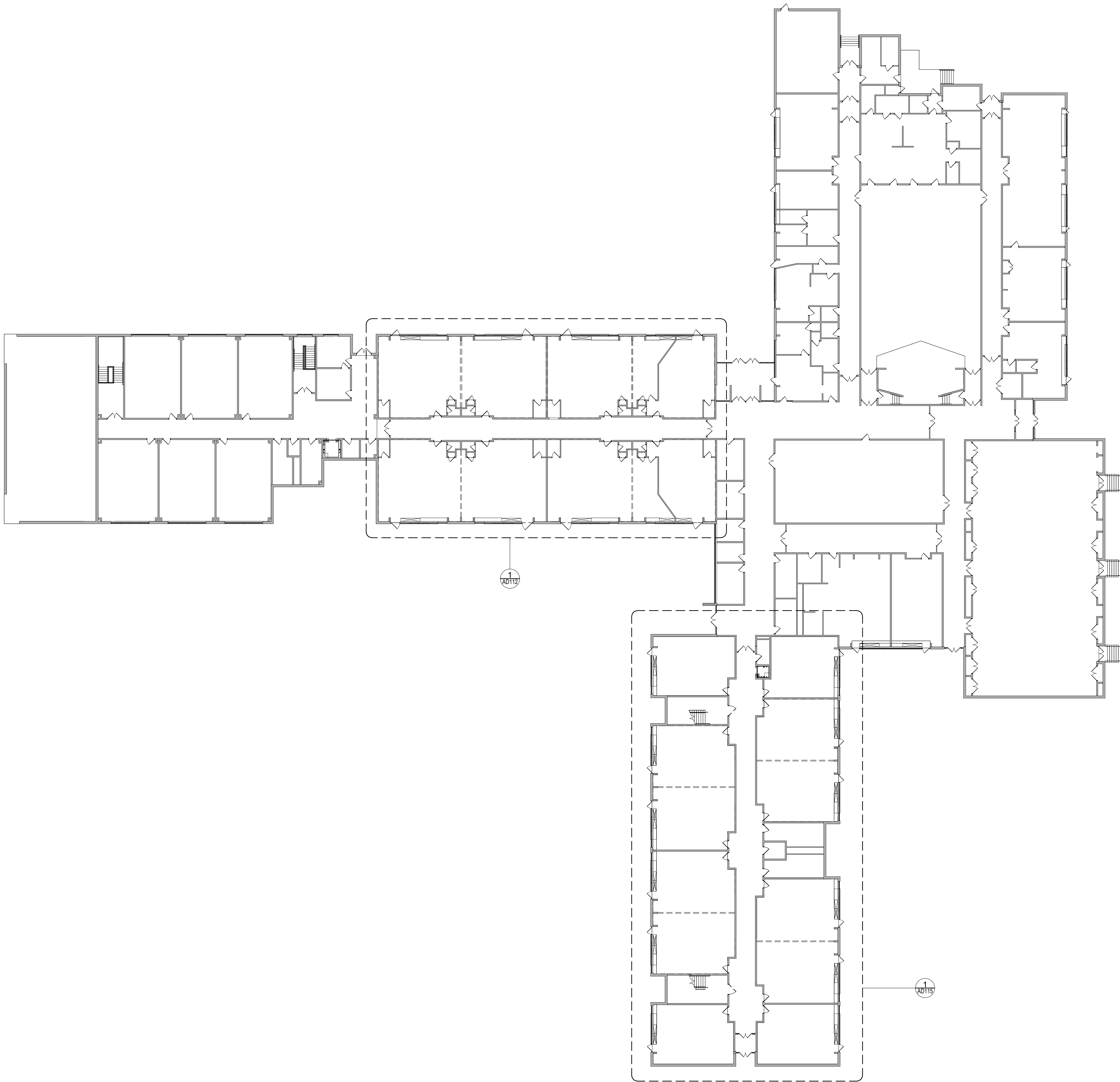
HIGHLAND CENTRAL SCHOOL DISTRICT
HIGHLAND ELEMENTARY SCHOOL
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 1



	DATE	DESCRIPTION
Drawn By:		AM
Checked By:		GD
Proj. #:	62-08-03-04-0-010-014	
CSArch Proj. #:	197-2201.01	
Construction Documents:	1/31/23	

Sheet Title
ELEMENTARY
SCHOOL
THIRD
FLOOR
ABATEMENT
PLAN

Sheet No. HES
HAZ-103
CONSTRUCTION DOCUMENTS

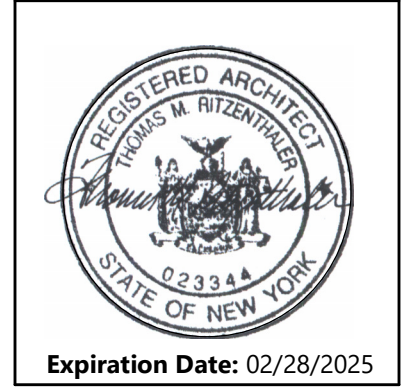


1 OVERALL FIRST FLOOR DEMOLITION PLAN
AD110 1" = 20'-0"

C:\Users\dmlle\Documents\197-2201 - HES Phase\ABCH_dmlle.dwg

Consultant

HIGHLAND CENTRAL SCHOOL DISTRICT
HIGHLAND ELEMENTARY SCHOOL
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 1

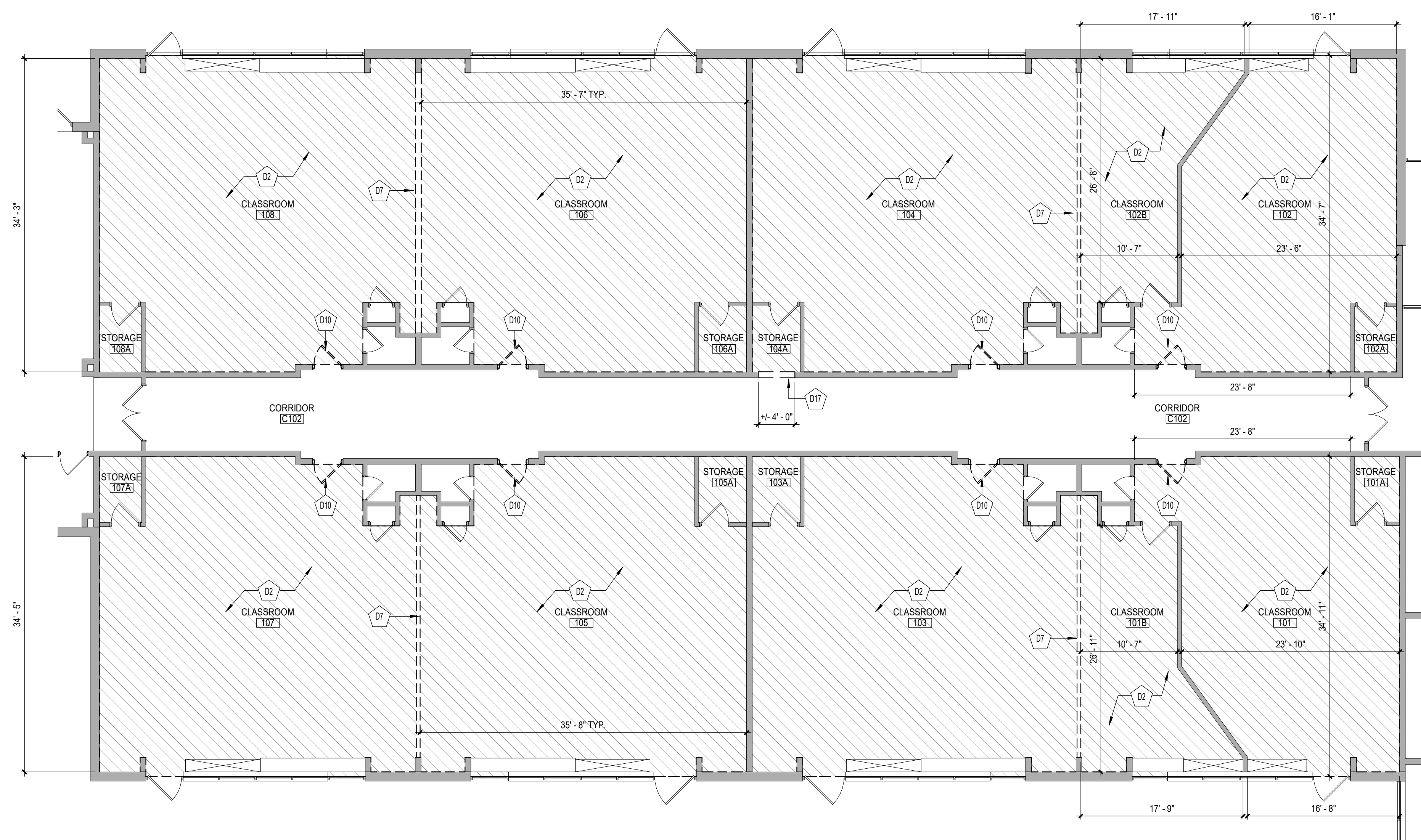


DATE	DESCRIPTION

Drawn By: CSA
Checked By: CSA
Proj. #: 62-08-03-04-0-010-014
CSArch Proj. #: 197-2201.01
Issued for Bid: 08/18/23

Sheet Title
OVERALL FIRST FLOOR DEMOLITION PLAN

Sheet No.
HES
AD110
CONSTRUCTION DOCUMENTS



1 FIRST FLOOR DEMOLITION PLAN - AREA 'B'

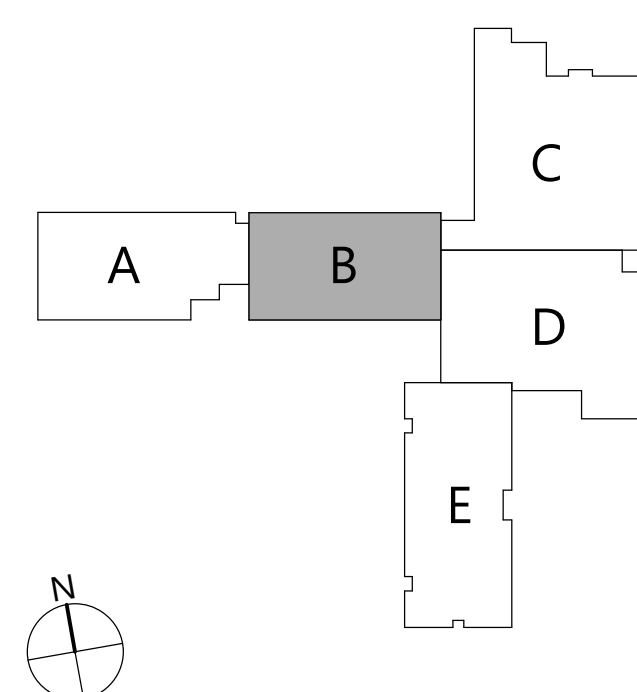
GENERAL NOTES

1. COORDINATE ALL REMOVALS WITH NEW CONSTRUCTION.
2. PATCH AND REPLACE EXISTING AND NEWLY CREATED HOLES IN WALLS (DUE TO REMOVAL) WITH MATERIALS TO MATCH EXISTING CONSTRUCTION.
3. SALVAGED ITEMS SHALL BE TURNED OVER TO OWNER. UNO
4. ALL KEVED REMOVALS SHALL INCLUDE REMOVAL OF ANY AND ALL ANCHORING SYSTEMS INCLUDING OBJECTS EMBEDDED INTO EXISTING WALLS.
5. REFER TO ASBESTOS AND MEP DRAWINGS FOR ADDITIONAL REMEDIATION.
6. PROVIDE TEMPORARY SHORING AS NECESSARY AT ALL AREAS OF WALL REMOVAL AND NEW WALL PENETRATIONS.
7. DRILL CORNERS OF ALL NEW SAWCUT OPENING PRIOR TO SAWCUTTING, TO PREVENT CUTTING INTO SCHEDULED CONSTRUCTION TO REMAIN.

KEY NOTES - DEMOLITION

X	DESCRIPTION
D2	REMOVE EXISTING RESILIENT TILE FLOORING, WALL BASE, AND MASTIC IN IT'S ENTIRETY. COORDINATE WITH HAZARDOUS MATERIALS DRAWINGS.
D7	REMOVE EXISTING MOVABLE DIVIDING PARTITION IN ITS ENTIRETY INCLUDING TRACKS, PANELS, AND HARDWARE.
D10	REMOVE EXISTING DOOR AND HARDWARE IN ITS ENTIRETY.
D17	REMOVE PORTION OF EXISTING MASONRY WALL TO ACCOMMODATE NEW ELECTRICAL WORK. COORDINATE WITH ELECTRICAL DRAWINGS.

KEYPLAN



COPYRIGHT © ALL RIGHTS RESERVED

19 Front St. · Newburgh · New York 12550-7601
845-561-3179 www.csarchpc.com

CS ARCH

Consultant

HIGHLAND CENTRAL SCHOOL DISTRICT
HIGHLAND ELEMENTARY SCHOOL
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 1

Project Title



Expiration Date: 02/28/2025

	DATE	DESCRIPTION

Drawn By:	CSA
Checked By:	CSA
Proj. #:	62-08-03-04-0-010-014
CSArch Proj. #:	197-2201.0
Issued for Bid:	08/18/23

Sheet Title

FIRST FLOOR
DEMOLITION
PLAN - AREA
'B'

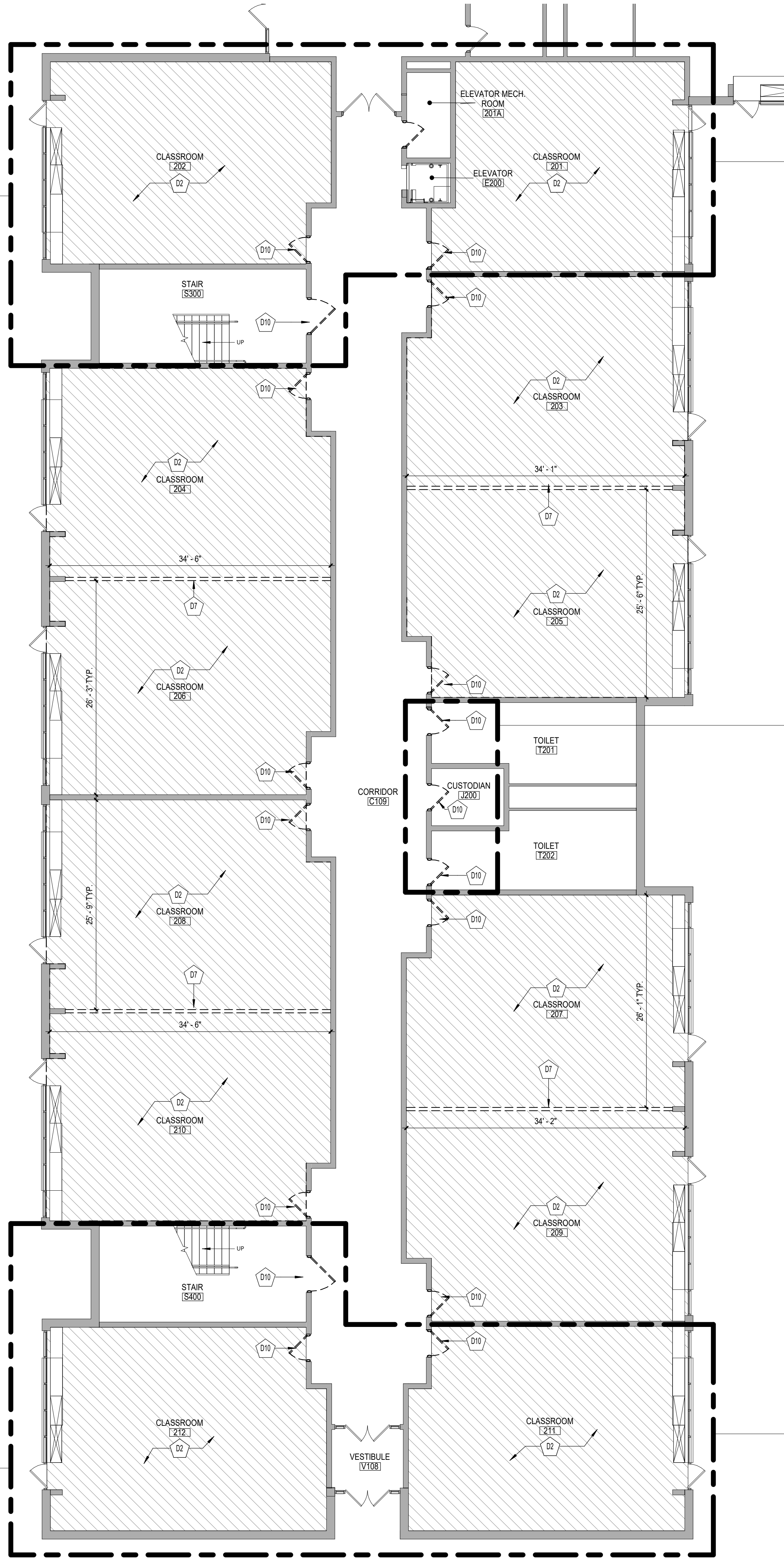
Sheet No. HES
AD112

CONSTRUCTION DOCUMENTS

C:\Users\dmliller\Documents\197-2201 - HES Phase1_ARCH.dmliller03.rvt

ADD Alternate No.
GC-02-001-ES

ADD Alternate No.
GC-02-001-ES



ADD Alternate No.
GC-02-001-ES

ADD Alternate No.
GC-02-001-ES

ADD Alternate No.
GC-02-001-ES

1 FIRST FLOOR DEMOLITION PLAN - AREA 'E'
AD115 1/8" = 1'-0"

GENERAL NOTES

- COORDINATE ALL REMOVALS WITH NEW CONSTRUCTION.
- PATCH AND REPLACE EXISTING AND NEWLY CREATED HOLES IN WALLS (DUE TO REMOVAL) WITH MATERIALS TO MATCH EXISTING CONSTRUCTION.
- SALVAGED ITEMS SHALL BE TURNED OVER TO OWNER, UNO.
- ALL KEYED REMOVALS SHALL INCLUDE REMOVAL OF ANY AND ALL ANCHORING SYSTEMS INCLUDING OBJECTS EMBEDDED INTO EXISTING WALLS.
- REFER TO ASBESTOS AND MEP DRAWINGS FOR ADDITIONAL REMOVAL INFORMATION.
- PROVIDE TEMPORARY SHORING AS NECESSARY AT ALL AREAS OF WALL REMOVAL AND NEW WALL PENETRATIONS.
- DRILL CORNERS OF ALL NEW SAWCUT OPENING PRIOR TO SAWCUTTING, TO PREVENT CUTTING INTO SCHEDULED CONSTRUCTION TO REMAIN.

KEY NOTES - DEMOLITION

X	DESCRIPTION
D2	REMOVE EXISTING RESILIENT TILE FLOORING, WALL BASE, AND MASTIC IN ITS ENTIRETY. COORDINATE WITH HAZARDOUS MATERIALS DRAWINGS.
D7	REMOVE EXISTING MOVABLE DIVIDING PARTITION IN ITS ENTIRETY INCLUDING TRACKS, PANELS, AND HARDWARE.
D10	REMOVE EXISTING DOOR AND HARDWARE IN ITS ENTIRETY.

19 Front St., Newburgh, New York 12550-7601
845.561.5379 www.csarchitect.com

CSARCH

Consultant

HIGHLAND CENTRAL SCHOOL DISTRICT
HIGHLAND ELEMENTARY SCHOOL
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 1

Project Title



Expiration Date: 02/28/2025

DATE	DESCRIPTION

Drawn By: CSA
Checked By: CSA
Proj. #: 62-08-03-84-0-010-014
CSArch Proj. #: 197-2201.01
Issued for Bid: 08/18/23

Sheet Title

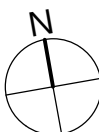
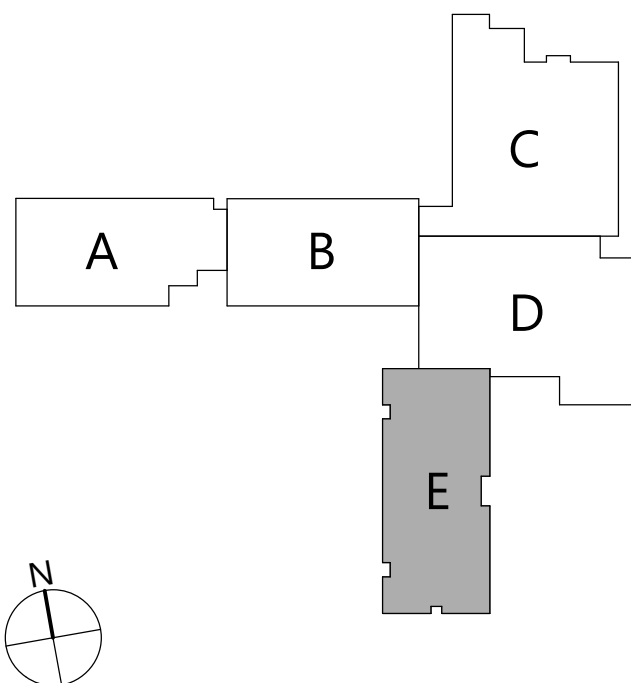
FIRST FLOOR
DEMOLITION
PLAN - AREA
'E'

Sheet No.

HES
AD115

CONSTRUCTION DOCUMENTS

KEYPLAN



COPYRIGHT © ALL RIGHTS RESERVED

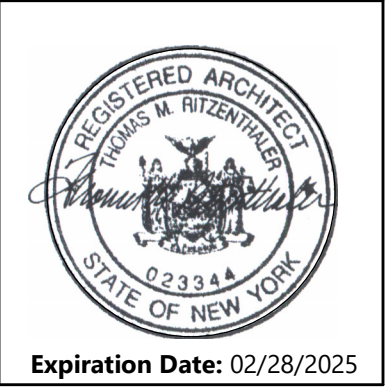


1 OVERALL SECOND FLOOR DEMOLITION PLAN
AD120 1" = 20'-0"

C:\Users\dmlle\Documents\197-2201 - HES Phase\ABCH_dmlle\B3.dwg

Consultant

HIGHLAND CENTRAL SCHOOL DISTRICT
HIGHLAND ELEMENTARY SCHOOL
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 1



DATE	DESCRIPTION

Drawn By: CSA
Checked By: CSA
Proj. #: 62-08-03-04-0-010-014
CSArch Proj. #: 197-2201.01
Issued for Bid: 08/18/23

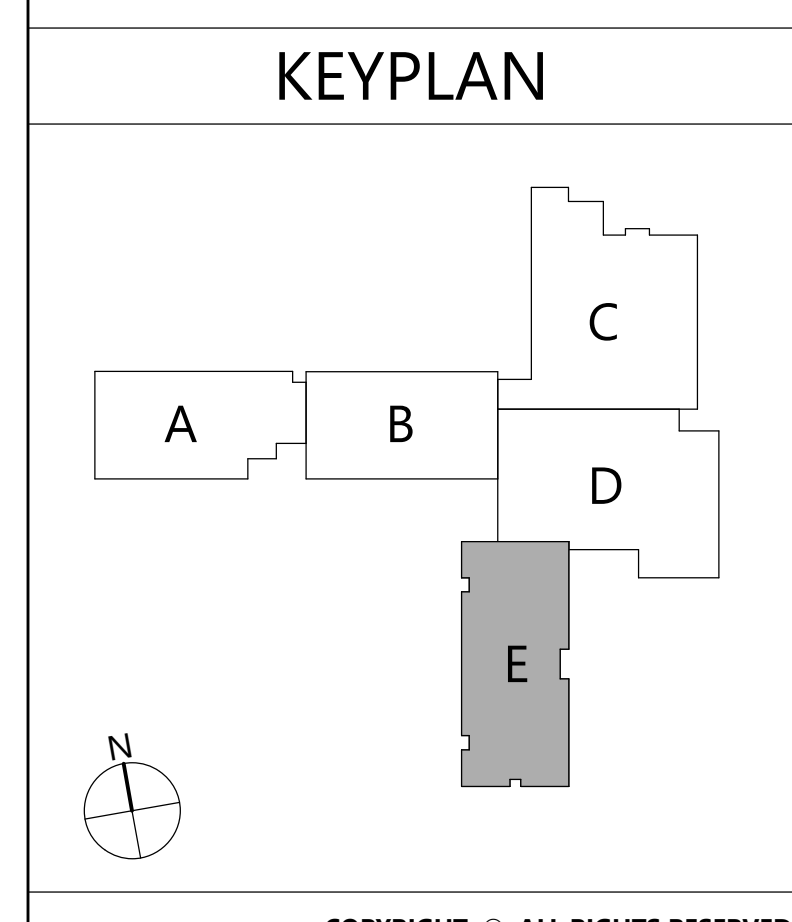
Sheet Title
OVERALL
SECOND
FLOOR
DEMOLITION
PLAN

Sheet No.
HES
AD120
CONSTRUCTION DOCUMENTS



1 SECOND FLOOR DEMOLITION PLAN - AREA 'E'

GENERAL NOTES	
1	COORDINATE ALL REMOVALS WITH NEW CONSTRUCTION.
2	PROTECT AND REPAIR EXISTING AND NEWLY CREATED HOLES IN WALLS (DUE TO REMOVAL) WITH MATERIALS TO MATCH EXISTING WALLS.
3	ALL HANGERS SHALL BE TURNED OVER TO OWNER. UNLESS ALL KEYS REMOVALS SHALL INCLUDE REMOVAL OF ANY AND ALL ANCHORING SYSTEMS INCLUDING OBJECTS EMBEDDED INTO EXISTING WALLS.
4	REFER TO ASSESSMENTS AND MEP DRAWINGS FOR ADDITIONAL REMOVAL INFORMATION.
5	PROVIDE TEMPORARY COVERING AS NECESSARY AT ALL AREAS OF WALL REMOVAL AND NEW WALL PENETRATIONS.
6	DRILL CORNERS OF ALL NEW WALLS OPENING PRIOR TO SAWCUTTING. TO PREVENT CUTTING INTO SCHEDULED CONSTRUCTION TO REMAIN.
KEY NOTES - DEMOLITION	
	DESCRIPTION
D2	REMOVE EXISTING RESILIENT TILE FLOORING, WALL BASE, AND MASTIC IN ITS ENTIRETY. COORDINATE WITH HAZARDOUS MATERIALS DRAWINGS.
D7	REMOVE EXISTING MOVABLE DIVIDING PARTITION IN ITS ENTIRETY INCLUDING TRUCKS, PANELS, AND HARDWARE.
D10	REMOVE EXISTING DOOR AND HARDWARE IN ITS ENTIRETY.



C:\Users\dmliller\Documents\197-2201 - HES Phase1_ARCH.dmliller03.rvt

3 OVERALL GROUND FLOOR DEMOLITION RCP
AD800 1" = 20'-0"

ADD Alternate No.
GC-02-001-ES

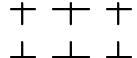
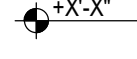
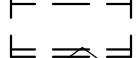
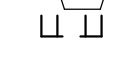
2 OVERALL SECOND FLOOR DEMOLITION RCP
AD800 1" = 20'-0"

1 OVERALL FIRST FLOOR DEMOLITION RCP
AD800 1" = 20'-0"

GENERAL NOTES

- COORDINATE ALL REMOVALS WITH NEW CONSTRUCTION.
- PATCH AND REPLACE EXISTING AND NEWLY CREATED HOLES IN WALLS (DUE TO REMOVAL) WITH MATERIALS TO MATCH EXISTING CONSTRUCTION.
- SALVAGED ITEMS SHALL BE TURNED OVER TO OWNER UNO.
- ALL KEYED REMOVALS SHALL INCLUDE REMOVAL OF ANY AND ALL ANCHORING SYSTEMS INCLUDING OBJECTS EMBEDDED INTO EXISTING WALLS.
- REFER TO ASBESTOS AND MEP DRAWINGS FOR ADDITIONAL REMOVAL INFORMATION.
- PROVIDE TEMPORARY SHORING AS NECESSARY AT ALL AREAS OF WALL REMOVAL AND NEW WALL PENETRATIONS.
- DRILL CORNERS OF ALL NEW SAWCUT OPENING PRIOR TO SAWCUTTING, TO PREVENT CUTTING INTO SCHEDULED CONSTRUCTION TO REMAIN.

CEILING LEGEND

-  GWB OR PLASTER CEILING, REFER TO DETAILS AND ROOM FINISH SCHEDULE
-  SUSPENDED ACOUSTICAL PANEL CEILING SYSTEM
-  CEILING HEIGHT ABOVE FINISHED FLOOR
-  LIGHT FIXTURES
COORDINATE REMOVALS WITH ELECTRICAL DEMOLITION DRAWINGS
-  HVAC EQUIPMENT
COORDINATE REMOVALS WITH MECHANICAL DEMOLITION DRAWINGS

19 Front St., Newburgh, New York 12550-7601
845.561.3379 www.csarch.com

CSARCH

Consultant

HIGHLAND CENTRAL SCHOOL DISTRICT
HIGHLAND ELEMENTARY SCHOOL
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 1

Project Title



REV.	DATE	DESCRIPTION

Drawn By: CSA
Checked By: CSA
Proj. #: 62-08-03-84-0-010-014
CSArch Proj. #: 197-2201.01
Issued for Bid: 08/18/23

Sheet Title
OVERALL
DEMOLITION
REFLECTED
CEILING PLANS

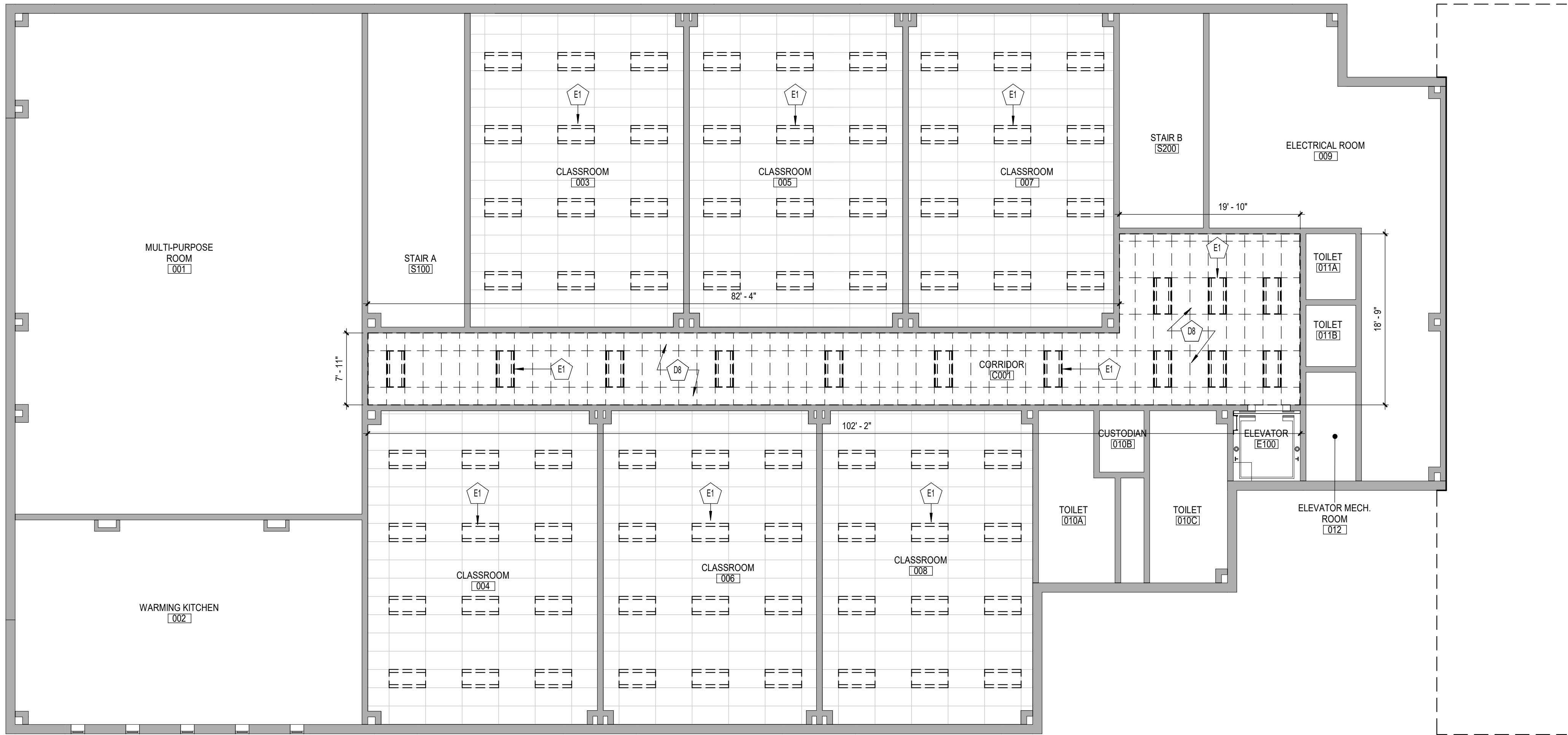
Sheet No.
HES
AD800

CONSTRUCTION DOCUMENTS

COPYRIGHT © ALL RIGHTS RESERVED

C:\Users\dmliller\Documents\197-2201 - HES Phase1_ARCH_dmliller03.rvt

1
AD801 1/8" = 1'-0" GROUND FLOOR DEMOLITION RCP



GENERAL NOTES

- COORDINATE ALL REMOVALS WITH NEW CONSTRUCTION.
- PATCH AND REPLACE EXISTING AND NEWLY CREATED HOLES IN WALLS (DUE TO REMOVAL) WITH MATERIALS TO MATCH EXISTING CONSTRUCTION.
- SALVAGED ITEMS SHALL BE TURNED OVER TO OWNER UNO.
- ALL KEYED REMOVALS SHALL INCLUDE REMOVAL OF ANY AND ALL ANCHORING SYSTEMS INCLUDING OBJECTS EMBEDDED INTO EXISTING WALLS.
- REFER TO ASBESTOS AND MEP DRAWINGS FOR ADDITIONAL REMOVAL INFORMATION.
- PROVIDE TEMPORARY SHORING AS NECESSARY AT ALL AREAS OF WALL REMOVAL AND NEW WALL PENETRATIONS.
- DRILL CORNERS OF ALL NEW SAWCUT OPENING PRIOR TO SAWCUTTING, TO PREVENT CUTTING INTO SCHEDULED CONSTRUCTION TO REMAIN.

CEILING LEGEND

- QWB OR PLASTER CEILING, REFER TO DETAILS AND ROOM FINISH SCHEDULE
- SUSPENDED ACOUSTICAL PANEL CEILING SYSTEM
- CEILING HEIGHT ABOVE FINISHED FLOOR
- LIGHT FIXTURES
COORDINATE REMOVALS WITH ELECTRICAL DEMOLITION DRAWINGS
- HVAC EQUIPMENT
COORDINATE REMOVALS WITH MECHANICAL DEMOLITION DRAWINGS

KEY NOTES - DEMOLITION

DESCRIPTION	
REMOVE EXISTING ACT CEILING SYSTEM IN ITS ENTIRETY.	D8
LIGHT FIXTURE, TYPICAL. REFER TO ELECTRICAL DRAWINGS.	E1

19 Front St., Newburgh, New York 12550-7601
845.561.1317 www.csarch.com

CSARCH

Consultant

HIGHLAND CENTRAL SCHOOL DISTRICT
HIGHLAND ELEMENTARY SCHOOL
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 1

Project Title



Expiration Date: 02/28/2025

DATE	DESCRIPTION

Drawn By:	CSA
Checked By:	CSA
Proj. #:	62-08-03-84-0-010-014
CSArch Proj. #:	197-2201.01
Issued for Bid:	08/18/23

Sheet Title

GROUND
FLOOR
DEMOLITION
RCP

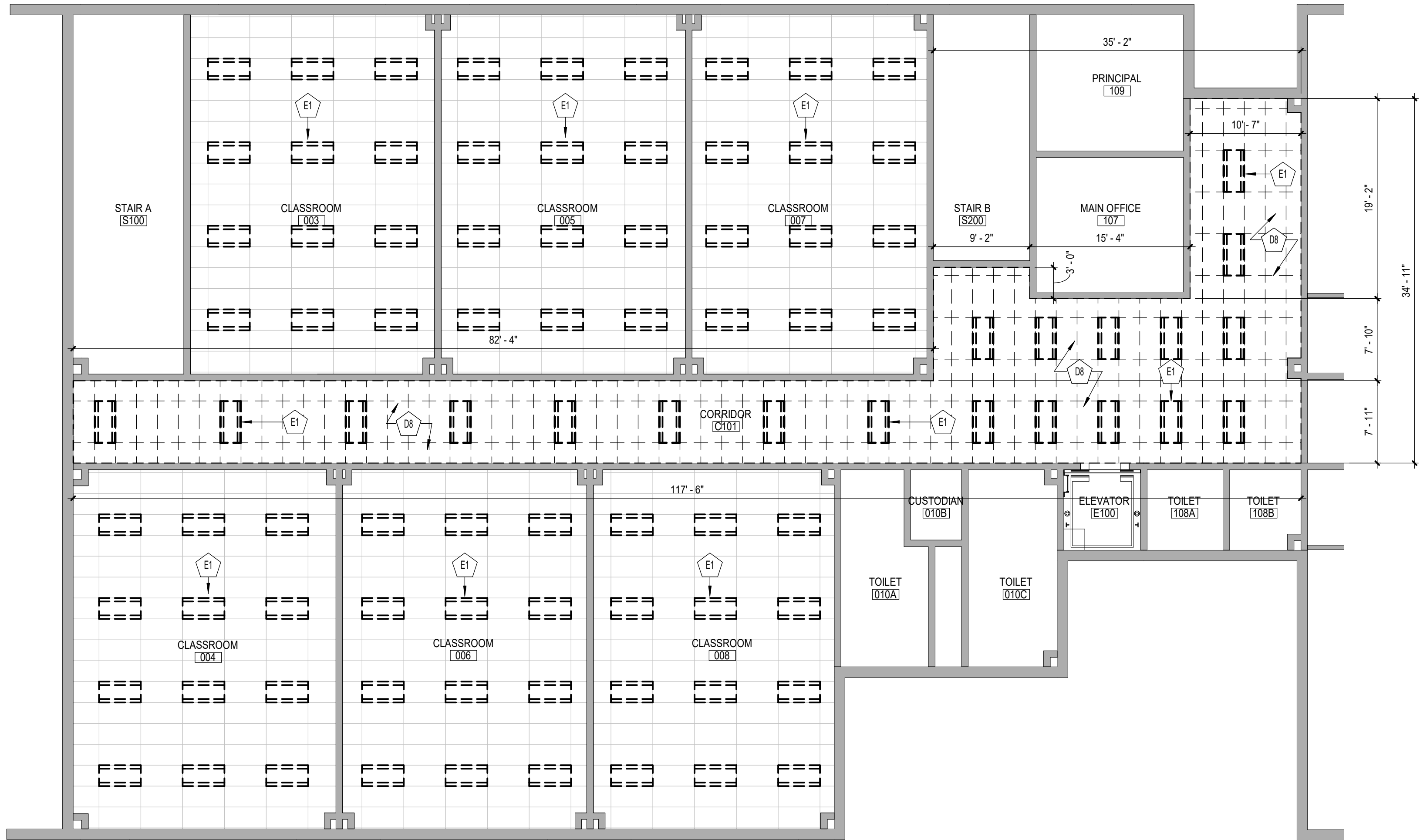
Sheet No.

HES
AD801

CONSTRUCTION DOCUMENTS

COPYRIGHT © ALL RIGHTS RESERVED

C:\Users\dmliller\Documents\197-2201 - HES Phase1_ARCH_dmliller03.rvt

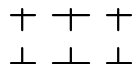
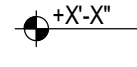
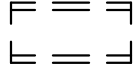
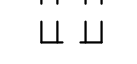


1 FIRST FLOOR DEMOLITION RCP - AREA 'A'
AD811 1/8" = 1'-0"

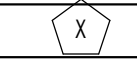
GENERAL NOTES

- COORDINATE ALL REMOVALS WITH NEW CONSTRUCTION.
- PATCH AND REPLACE EXISTING AND NEWLY CREATED HOLES IN WALLS (DUE TO REMOVAL) WITH MATERIALS TO MATCH EXISTING CONSTRUCTION.
- SALVAGED ITEMS SHALL BE TURNED OVER TO OWNER, UNO.
- ALL KEYED REMOVALS SHALL INCLUDE REMOVAL OF ANY AND ALL ANCHORING SYSTEMS INCLUDING OBJECTS EMBEDDED INTO EXISTING WALLS.
- REFER TO ASBESTOS AND MEP DRAWINGS FOR ADDITIONAL REMOVAL INFORMATION.
- PROVIDE TEMPORARY SHORING AS NECESSARY AT ALL AREAS OF WALL REMOVAL AND NEW WALL PENETRATIONS.
- DRILL CORNERS OF ALL NEW SAWCUT OPENING PRIOR TO SAWCUTTING, TO PREVENT CUTTING INTO SCHEDULED CONSTRUCTION TO REMAIN.

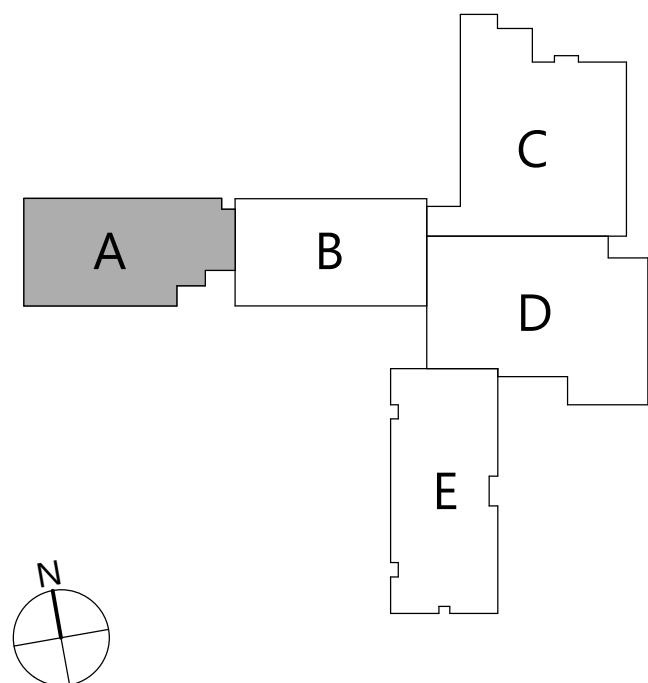
CEILING LEGEND

-  GWB OR PLASTER CEILING, REFER TO DETAILS AND ROOM FINISH SCHEDULE
-  SUSPENDED ACOUSTICAL PANEL CEILING SYSTEM
-  CEILING HEIGHT ABOVE FINISHED FLOOR
-  LIGHT FIXTURES
COORDINATE REMOVALS WITH ELECTRICAL DEMOLITION DRAWINGS
-  HVAC EQUIPMENT
COORDINATE REMOVALS WITH MECHANICAL DEMOLITION DRAWINGS

KEY NOTES - DEMOLITION

	DESCRIPTION
D8	REMOVE EXISTING ACT CEILING SYSTEM IN ITS ENTIRETY.
E1	LIGHT FIXTURE, TYPICAL. REFER TO ELECTRICAL DRAWINGS.

KEYPLAN



19 Front St., Newburgh, New York 12550-7601
845.561.3379 www.csarch.com

CSARCH

Consultant

HIGHLAND CENTRAL SCHOOL DISTRICT
HIGHLAND ELEMENTARY SCHOOL
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 1

Project Title



DATE	DESCRIPTION

Drawn By: CS4
Checked By: CS4
Proj. #: 62-08-03-84-0-010-014
CSArch Proj. #: 197-2201.01
Issued for Bid: 08/18/23

Sheet Title
FIRST FLOOR
DEMOLITION
RCP - AREA 'A'

Sheet No.
HES
AD811

CONSTRUCTION DOCUMENTS

COPYRIGHT © ALL RIGHTS RESERVED

1. COORDINATE ALL REMOVALS WITH NEW CONSTRUCTION.
2. PATCH AND REPLACE EXISTING AND NEWLY CREATED HOLES IN WALLS (DUE TO REMOVAL) WITH MATERIALS TO MATCH EXISTING CONSTRUCTION.
3. SALVAGED ITEMS SHALL BE TURNED OVER TO OWNER, UNO
4. ALL KEVED REMOVALS SHALL INCLUDE REMOVAL OF ANY AND ALL ANCHORING SYSTEMS INCLUDING OBJECTS EMBEDDED INTO EXISTING WALLS.
5. REFER TO ASBESTOS AND MEP DRAWINGS FOR ADDITIONAL REMOVAL INFORMATION.
6. PROVIDE TEMPORARY SHORING AS NECESSARY AT ALL AREAS OF WALL REMOVAL AND NEW WALL PENETRATIONS.
7. DRILL CORNERS OF ALL NEW SAWCUT OPENING PRIOR TO SAWCUTTING, TO PREVENT CUTTING INTO SCHEDULED CONSTRUCTION TO REMAIN.

 GWB OR PLASTER CEILING, REFER TO DETAILS AND ROOM FINISH SCHEDULE

+ + + SUSPENDED ACOUSTICAL PANEL CEILING SYSTEM
 + + +

 +X'-X" CEILING HEIGHT ABOVE FINISHED FLOOR

 LIGHT FIXTURES
COORDINATE REMOVALS WITH ELECTRICAL
DEMOLITION DRAWINGS



HVAC EQUIPMENT
COORDINATE REMOVALS WITH MECHANICAL
DEMOLITION DRAWINGS

X	DESCRIPTION
---	-------------

D7	REMOVE EXISTING MOVABLE DIVIDING PARTITION IN ITS ENTIRETY INCLUDING TRACKS, PANELS, AND HARDWARE.
D8	REMOVE EXISTING ACT CEILING SYSTEM IN ITS ENTIRETY.
E1	LIGHT FIXTURE, TYPICAL REFER TO ELECTRICAL DRAWINGS.



COPYRIGHT © ALL RIGHTS RESERVED

HIGHLAND CENTRAL SCHOOL DISTRICT
HIGHLAND ELEMENTARY SCHOOL
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 1

Project Title



Expiration Date: 02/28/2021

	DATE	DESCRIPTION

Drawn By:	CSA
Checked By:	CSA
Proj. #:	62-08-03-04-0-010-014
CSArch Proj. #:	197-2201.0
Issued for Bid:	08/18/23

Sheet Title

FIRST FLOOR
DEMOLITION
RCP - AREA 'B'

Sheet No. HES
AD812

CONSTRUCTION DOCUMENTS



1 FIRST FLOOR DEMOLITION RCP - AREA 'C'
AD813 1/8" = 1'-0"

- GENERAL NOTES
1. COORDINATE ALL REMOVALS WITH NEW CONSTRUCTION.

2. PATCH AND REPLACE EXISTING AND NEWLY CREATED HOLES IN WALLS (DUE TO REMOVAL) WITH MATERIALS TO MATCH EXISTING CONSTRUCTION.

3. SALVAGED ITEMS SHALL BE TURNED OVER TO OWNER, UNO.

4. ALL KEYED REMOVALS SHALL INCLUDE REMOVAL OF ANY AND ALL ANCHORING SYSTEMS INCLUDING OBJECTS EMBEDDED INTO EXISTING WALLS.

5. REFER TO ASBESTOS AND MEP DRAWINGS FOR ADDITIONAL REMOVAL INFORMATION.

6. PROVIDE TEMPORARY SHORING AS NECESSARY AT ALL AREAS OF WALL REMOVAL AND NEW WALL PENETRATIONS.

7. DRILL CORNERS OF ALL NEW SAWCUT OPENING PRIOR TO SAWCUTTING, TO PREVENT CUTTING INTO SCHEDULED CONSTRUCTION TO REMAIN.

- CEILING LEGEND
- GWB OR PLASTER CEILING, REFER TO DETAILS AND ROOM FINISH SCHEDULE

SUSPENDED ACOUSTICAL PANEL CEILING SYSTEM

CEILING HEIGHT ABOVE FINISHED FLOOR

LIGHT FIXTURES
COORDINATE REMOVALS WITH ELECTRICAL
DEMOLITION DRAWINGS

HVAC EQUIPMENT
COORDINATE REMOVALS WITH MECHANICAL
DEMOLITION DRAWINGS

- KEY NOTES - DEMOLITION
- x

DESCRIPTION
- D8

REMOVE EXISTING ACT CEILING SYSTEM IN ITS ENTIRETY.
- E1

LIGHT FIXTURE, TYPICAL. REFER TO ELECTRICAL DRAWINGS.

19 Front St., Newburgh, New York 12550-7601
845.561.1317 www.csarchitect.com

CSARCH

Consultant

HIGHLAND CENTRAL SCHOOL DISTRICT
HIGHLAND ELEMENTARY SCHOOL
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 1

REGISTERED ARCHITECT
NEW YORK STATE
623344
STATE OF NEW YORK

Expiration Date: 02/28/2025

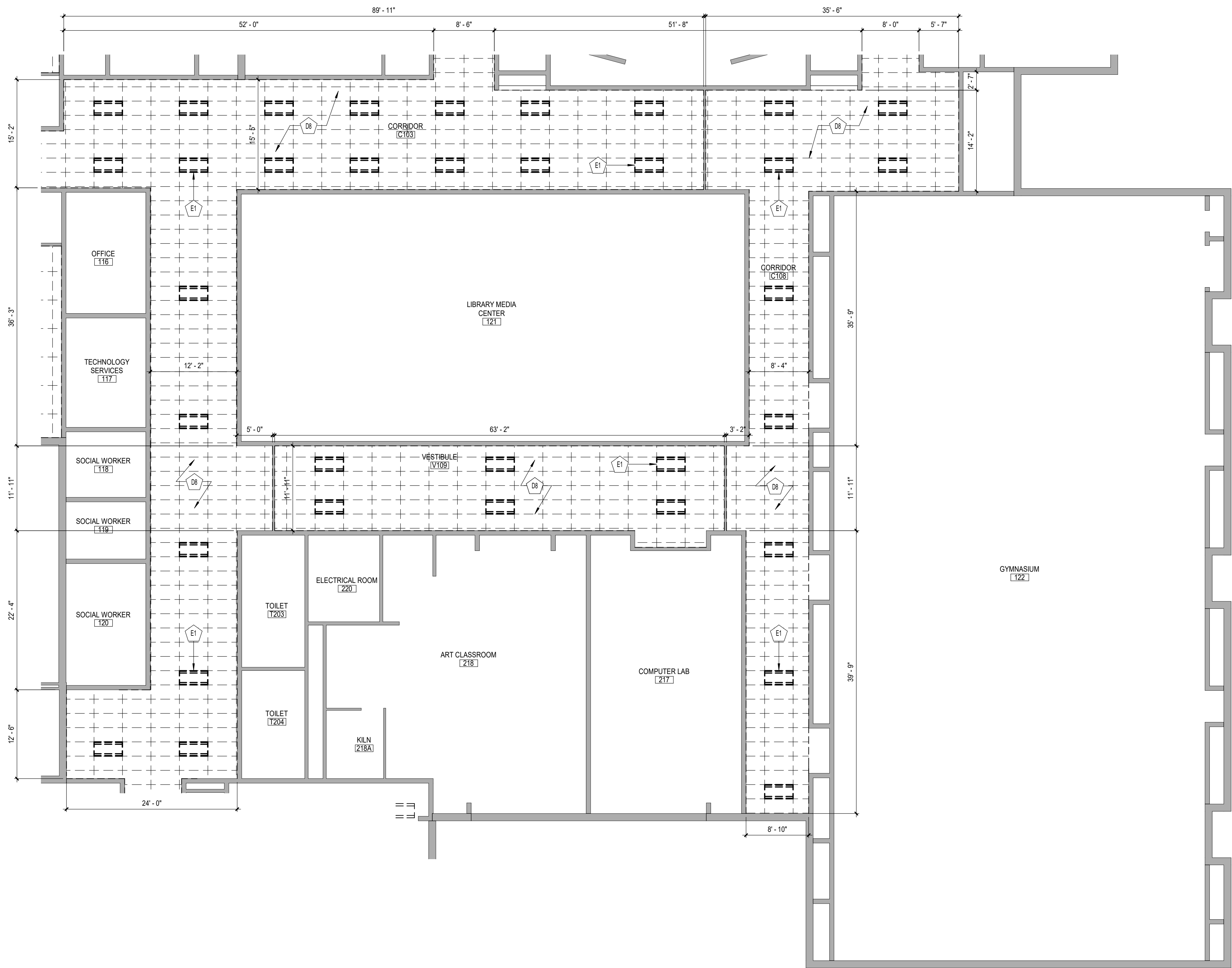
DATE	DESCRIPTION

Drawn By: CSA
Checked By: CSA
Proj. #: 62-08-03-04-0-010-014
CSArch Proj. #: 197-2201.01
Issued for Bid: 08/18/23

Sheet Title
FIRST FLOOR
DEMOLITION
RCP - AREA 'C'

Sheet No.
HES
AD813
CONSTRUCTION DOCUMENTS

C:\Users\dmliller\Documents\197-2201 - HES Phase\ABCH_dmliller03.rvt



1 FIRST FLOOR DEMOLITION RCP - AREA 'D'
AD814 1/8" = 1'-0"

GENERAL NOTES

- COORDINATE ALL REMOVALS WITH NEW CONSTRUCTION.
- PATCH AND REPLACE EXISTING AND NEWLY CREATED HOLES IN WALLS (DUE TO REMOVAL) WITH MATERIALS TO MATCH EXISTING CONSTRUCTION.
- SALVAGED ITEMS SHALL BE TURNED OVER TO OWNER, UNO
- ALL KEYED REMOVALS SHALL INCLUDE REMOVAL OF ANY AND ALL ANCHORING SYSTEMS INCLUDING OBJECTS EMBEDDED INTO EXISTING WALLS.
- REFER TO ASBESTOS AND MEP DRAWINGS FOR ADDITIONAL REMOVAL INFORMATION.
- PROVIDE TEMPORARY SHORING AS NECESSARY AT ALL AREAS OF WALL REMOVAL AND NEW WALL PENETRATIONS.
- DRILL CORNERS OF ALL NEW SAWCUT OPENING PRIOR TO SAWCUTTING, TO PREVENT CUTTING INTO SCHEDULED CONSTRUCTION TO REMAIN.

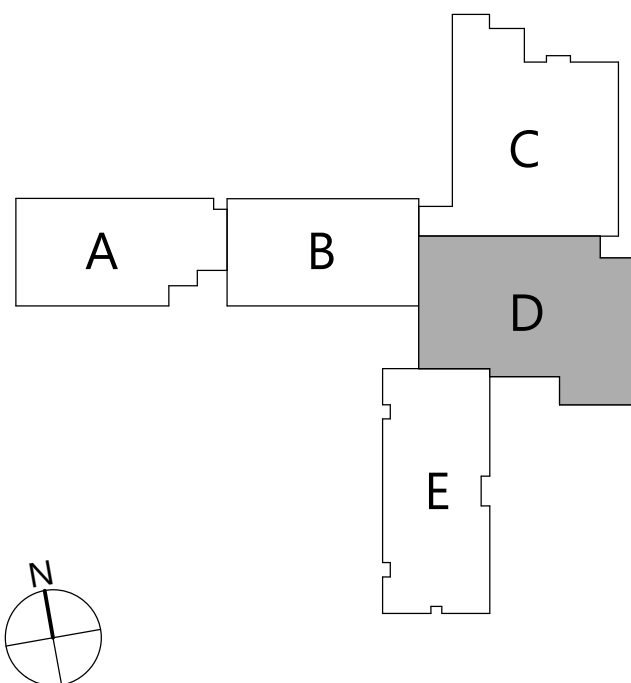
CEILING LEGEND

- GWB OR PLASTER CEILING, REFER TO DETAILS AND ROOM FINISH SCHEDULE
- SUSPENDED ACOUSTICAL PANEL CEILING SYSTEM
- CEILING HEIGHT ABOVE FINISHED FLOOR
- LIGHT FIXTURES
COORDINATE REMOVALS WITH ELECTRICAL DEMOLITION DRAWINGS
- HVAC EQUIPMENT
COORDINATE REMOVALS WITH MECHANICAL DEMOLITION DRAWINGS

KEY NOTES - DEMOLITION

X	DESCRIPTION
D8	REMOVE EXISTING ACT CEILING SYSTEM IN ITS ENTIRETY.
E1	LIGHT FIXTURE, TYPICAL. REFER TO ELECTRICAL DRAWINGS.

KEYPLAN



19 Front St., Newburgh, New York 12550-7601
845.561.1317 www.csarchitect.com

CSARCH

Consultant

HIGHLAND CENTRAL SCHOOL DISTRICT
HIGHLAND ELEMENTARY SCHOOL
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 1

Project Title



DATE	DESCRIPTION

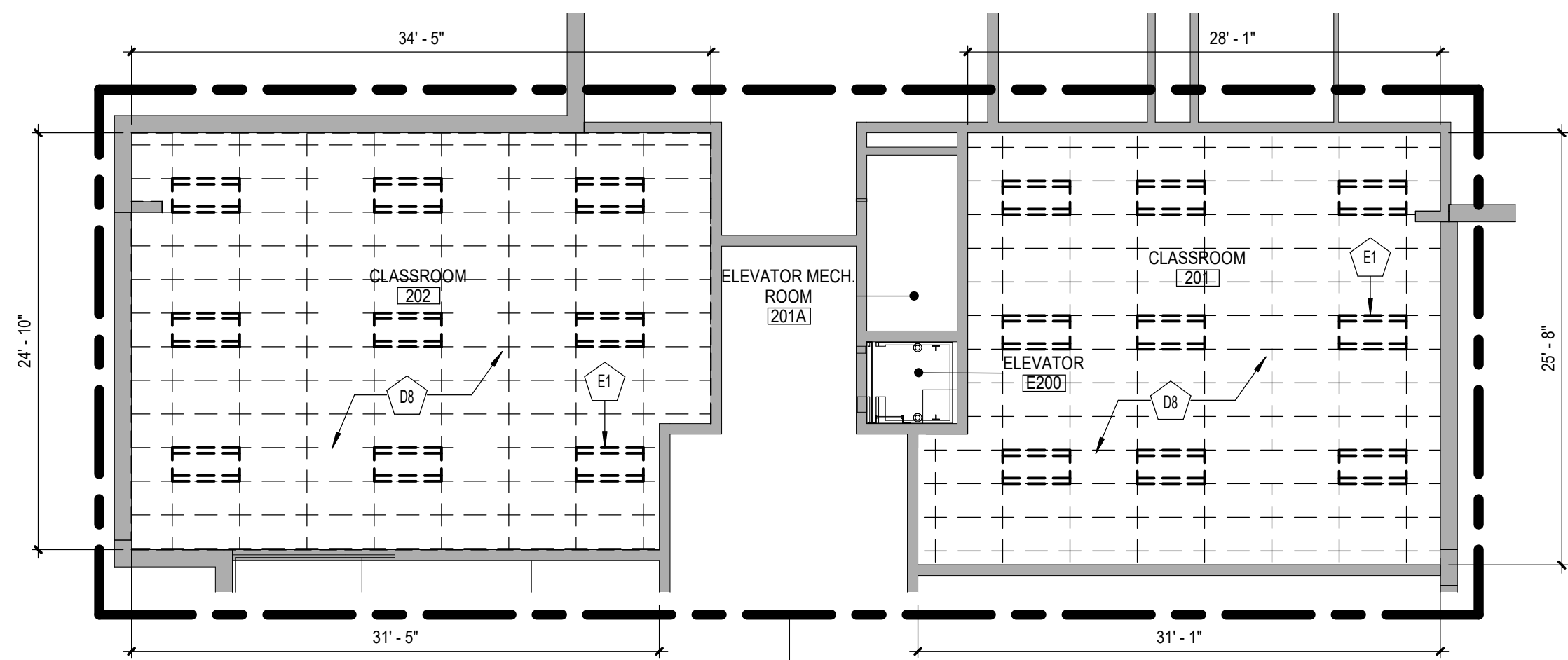
Drawn By: CSA
Checked By: CSA
Proj. #: 62-08-03-04-0-010-014
CSArch Proj. #: 197-2201.01
Issued for Bid: 08/18/23

Sheet Title
FIRST FLOOR
DEMOLITION
RCP - AREA 'D'

Sheet No.
**HES
AD814**

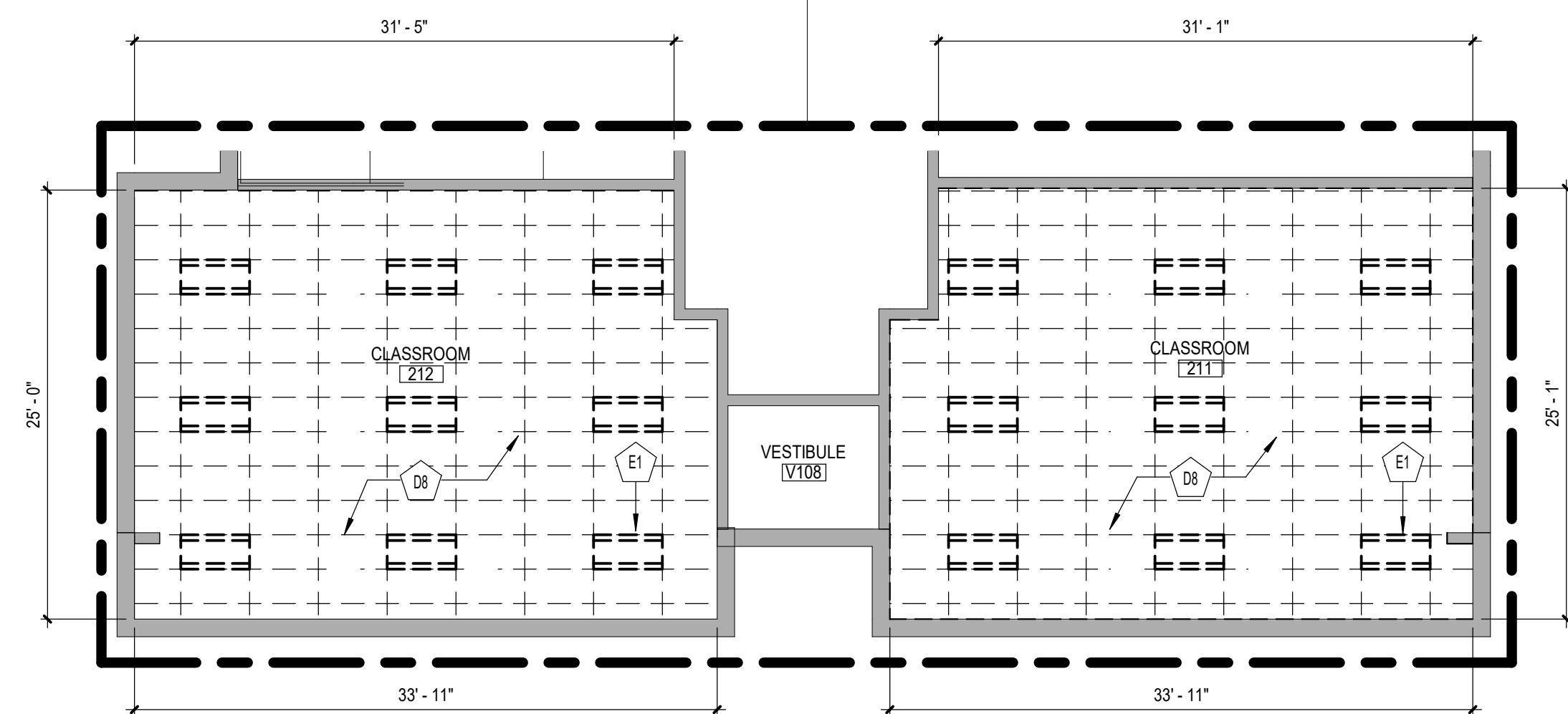
CONSTRUCTION DOCUMENTS

COPYRIGHT © ALL RIGHTS RESERVED

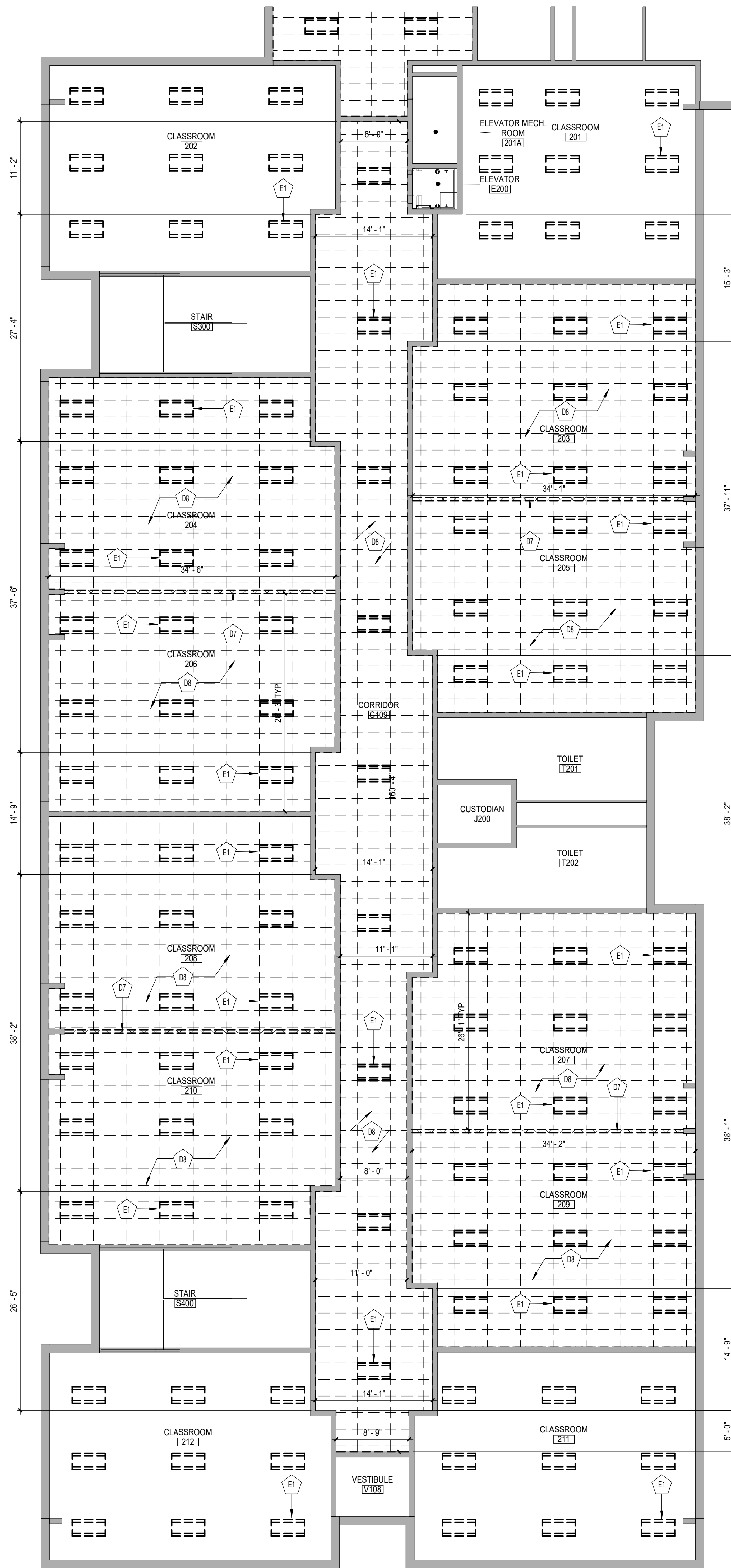


ADD Alternate No.
GC-02-001-ES

SCOPE OF WORK IN AREA
OMITTED FROM VIEW IS BASE BID



2 FIRST FLOOR DEMOLITION RCP - AREA 'E' - ALTERNATE
AD815 1/8" = 1'-0"



1 FIRST FLOOR DEMOLITION RCP - AREA 'E'
AD815 1/8" = 1'-0"

GENERAL NOTES

- COORDINATE ALL REMOVALS WITH NEW CONSTRUCTION.
- PATCH AND REPLACE EXISTING AND NEWLY CREATED HOLES IN WALLS (DUE TO REMOVAL) WITH MATERIALS TO MATCH EXISTING CONSTRUCTION.
- SALVAGED ITEMS SHALL BE TURNED OVER TO OWNER UNO.
- ALL KEYED REMOVALS SHALL INCLUDE REMOVAL OF ANY AND ALL ANCHORING SYSTEMS INCLUDING OBJECTS EMBEDDED INTO EXISTING WALLS.
- REFER TO ASBESTOS AND MEP DRAWINGS FOR ADDITIONAL REMOVAL INFORMATION.
- PROVIDE TEMPORARY SHORING AS NECESSARY AT ALL AREAS OF WALL REMOVAL AND NEW WALL PENETRATIONS.
- DRILL CORNERS OF ALL NEW SAWCUT OPENING PRIOR TO SAWCUTTING, TO PREVENT CUTTING INTO SCHEDULED CONSTRUCTION TO REMAIN.

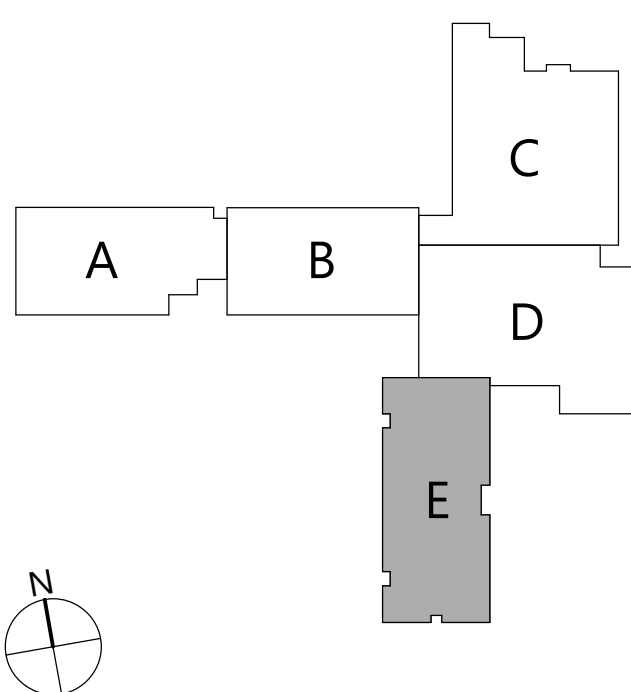
CEILING LEGEND

- GWB OR PLASTER CEILING, REFER TO DETAILS AND ROOM FINISH SCHEDULE
- SUSPENDED ACOUSTICAL PANEL CEILING SYSTEM
- CEILING HEIGHT ABOVE FINISHED FLOOR
- LIGHT FIXTURES
- COORDINATE REMOVALS WITH ELECTRICAL DEMOLITION DRAWINGS
- HVAC EQUIPMENT
- COORDINATE REMOVALS WITH MECHANICAL DEMOLITION DRAWINGS

KEY NOTES - DEMOLITION

X	DESCRIPTION
D7	REMOVE EXISTING MOVABLE DIVIDING PARTITION IN ITS ENTIRETY INCLUDING TRACKS, PANELS, AND HARDWARE.
D8	REMOVE EXISTING ACT CEILING SYSTEM IN ITS ENTIRETY.
E1	LIGHT FIXTURE, TYPICAL. REFER TO ELECTRICAL DRAWINGS.

KEYPLAN



19 Front St., Newburgh, New York 12550-7601
845.561.3379 www.csarch.com

CSARCH

HIGHLAND CENTRAL SCHOOL DISTRICT HIGHLAND ELEMENTARY SCHOOL 2022 CAPITAL IMPROVEMENT PROJECT - PHASE 1

Project Title



Expiration Date: 02/28/2025

DATE	DESCRIPTION

Drawn By: CSA
Checked By: CSA
Proj. #: 62-08-03-04-0-010-014
CSArch Proj. #: 197-2201.01
Issued for Bid: 08/18/23

Sheet Title

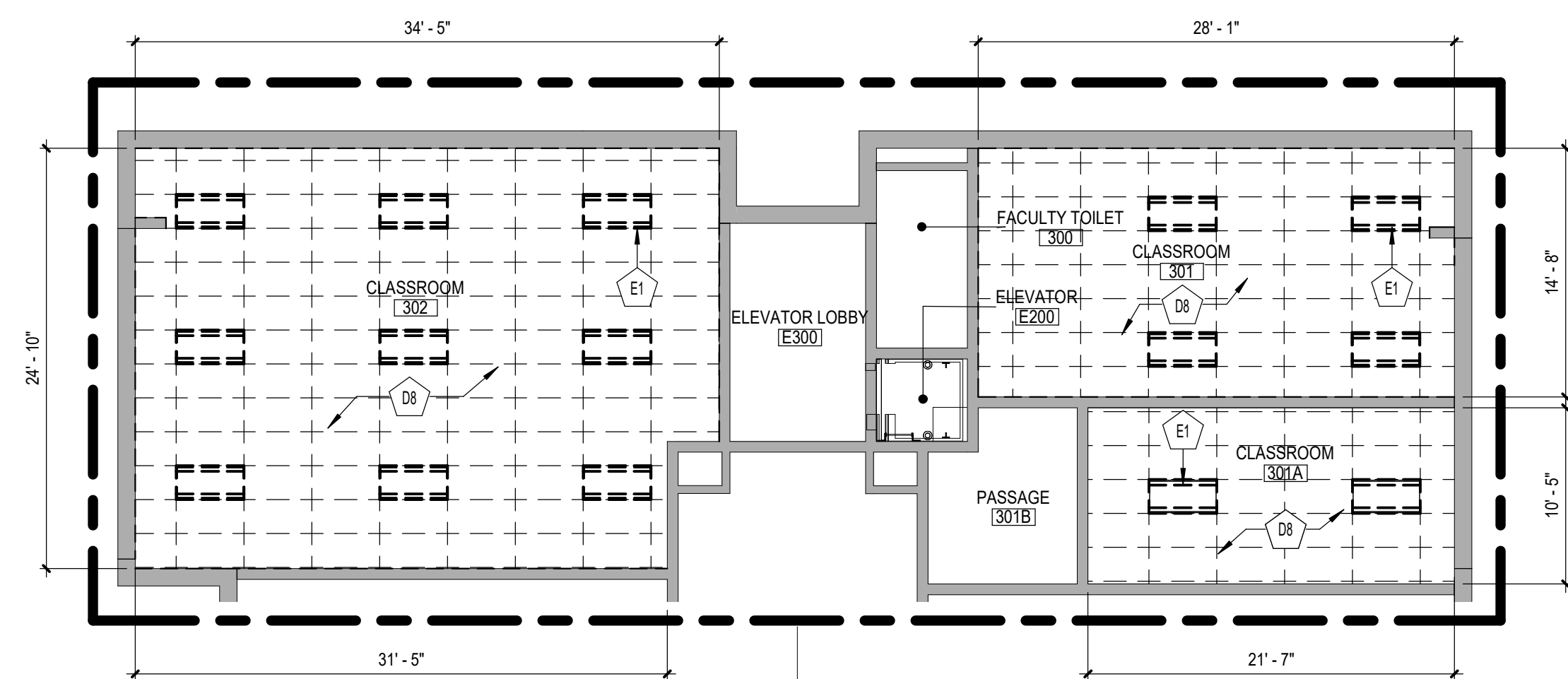
FIRST FLOOR
DEMOLITION
RCP - AREA 'E'

Sheet No.

HES
AD815

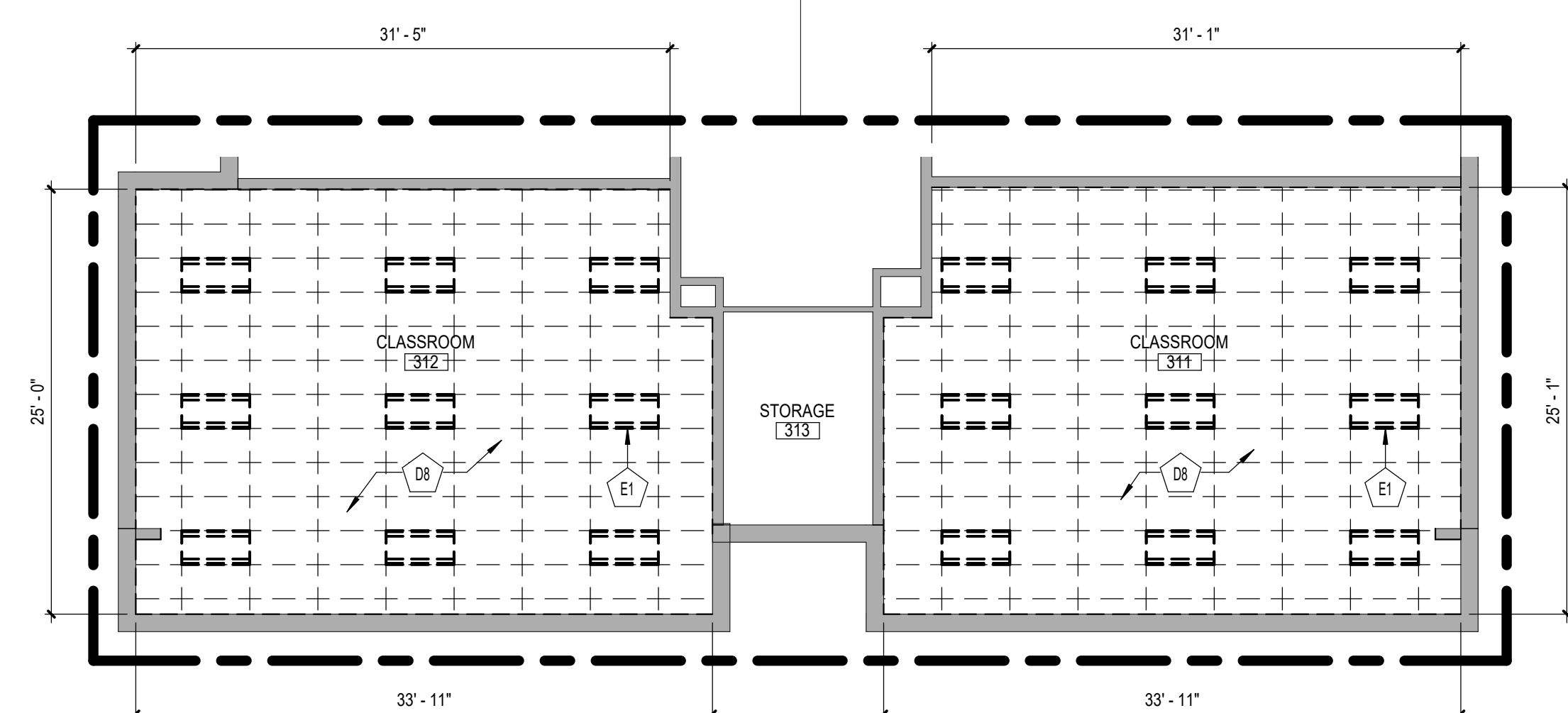
CONSTRUCTION DOCUMENTS

COPYRIGHT © ALL RIGHTS RESERVED

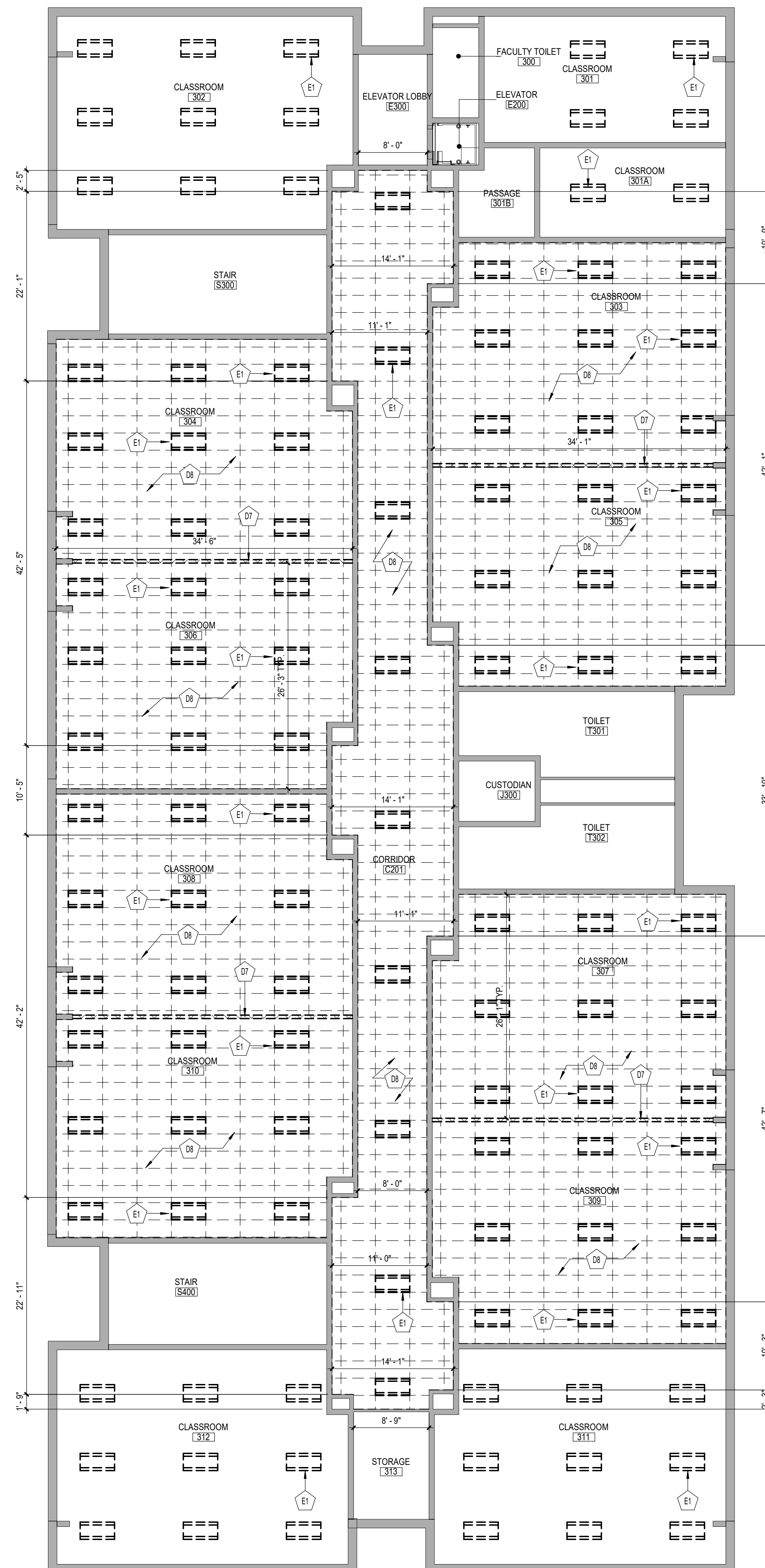


ADD Alternate No.
GC-02-001-ES

— SCOPE OF WORK IN AREA
OMITTED FROM VIEW IS BASE BID



2 SECOND FLOOR DEMOLITION RCP - AREA 'E' - ALTERNATE



1 SECOND FLOOR DEMOLITION RCP - AREA 'E'
AD825 1/8" = 1'-0"

- | GENERAL NOTES | |
|---------------|--|
| 1. | COORDINATE ALL REMOVALS WITH NEW CONSTRUCTION. |
| 2. | PATCH AND REPLACE EXISTING AND NEWLY CREATED HOLES IN WALLS (DUE TO REMOVAL) WITH MATERIALS TO MATCH EXISTING CONSTRUCTION. |
| 3. | SALVAGED ITEMS SHALL BE TURNED OVER TO OWNER, UNLESS ALL KEYED REMOVALS SHALL INCLUDE REMOVAL OF ANY AND ALL ANCHORING SYSTEMS INCLUDING OBJECTS EMBEDDED INTO EXISTING WALLS. |
| 5. | REFER TO ASBESTOS AND MEP DRAWINGS FOR ADDITIONAL REMOVAL INFORMATION. |
| 6. | PROVIDE TEMPORARY SHORING AS NECESSARY AT ALL AREAS OF WALL REMOVAL AND NEW WALL PENETRATIONS. |
| 7. | DRILL CORNERS OF ALL NEW SAWCUT OPENINGS PRIOR TO SAWCUTTING, TO PREVENT CUTTING INTO SCHEDULED CONSTRUCTION TO REMAIN. |

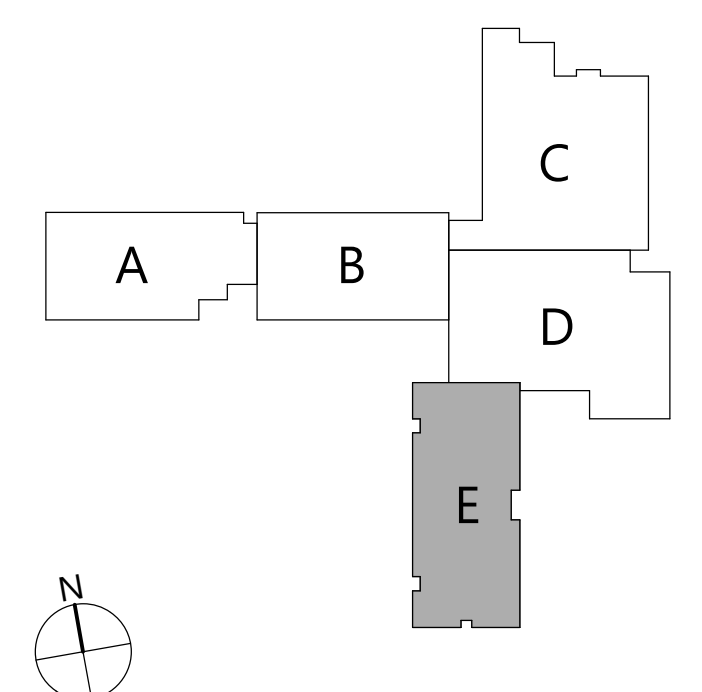
CEILING LEGEND

	GWS OR PLASTER CEILING, REFER TO DETAILS AND ROOM FINISH SCHEDULE
	SUSPENDED ACOUSTICAL PANEL CEILING SYSTEM
	CEILING HEIGHT ABOVE FINISHED FLOOR
	<u>LIGHT FIXTURES</u> COORDINATE REMOVALS WITH ELECTRICAL DEMOLITION DRAWINGS
	<u>HVAC EQUIPMENT</u> COORDINATE REMOVALS WITH MECHANICAL DEMOLITION DRAWINGS

KEY NOTES - DEMOLITION

X	DESCRIPTION
D7	REMOVE EXISTING MOVABLE DIVIDING PARTITION IN ITS ENTIRETY INCLUDING TRACKS, PANELS, AND <u>HARDWARE</u> .
D8	REMOVE EXISTING ACT CEILING SYSTEM IN ITS ENTIRETY.
E1	LIGHT FIXTURE, TYPICAL. REFER TO ELECTRICAL DRAWINGS.

KEYPLAN



COPYRIGHT © ALL RIGHTS RESERVED

845-561-3179 www.csarchpc.com

CS ARCH

100

HIGHLAND CENTRAL SCHOOL DISTRICT
HIGHLAND ELEMENTARY SCHOOL
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 1

.....



Expiration Date: 02/28/2025

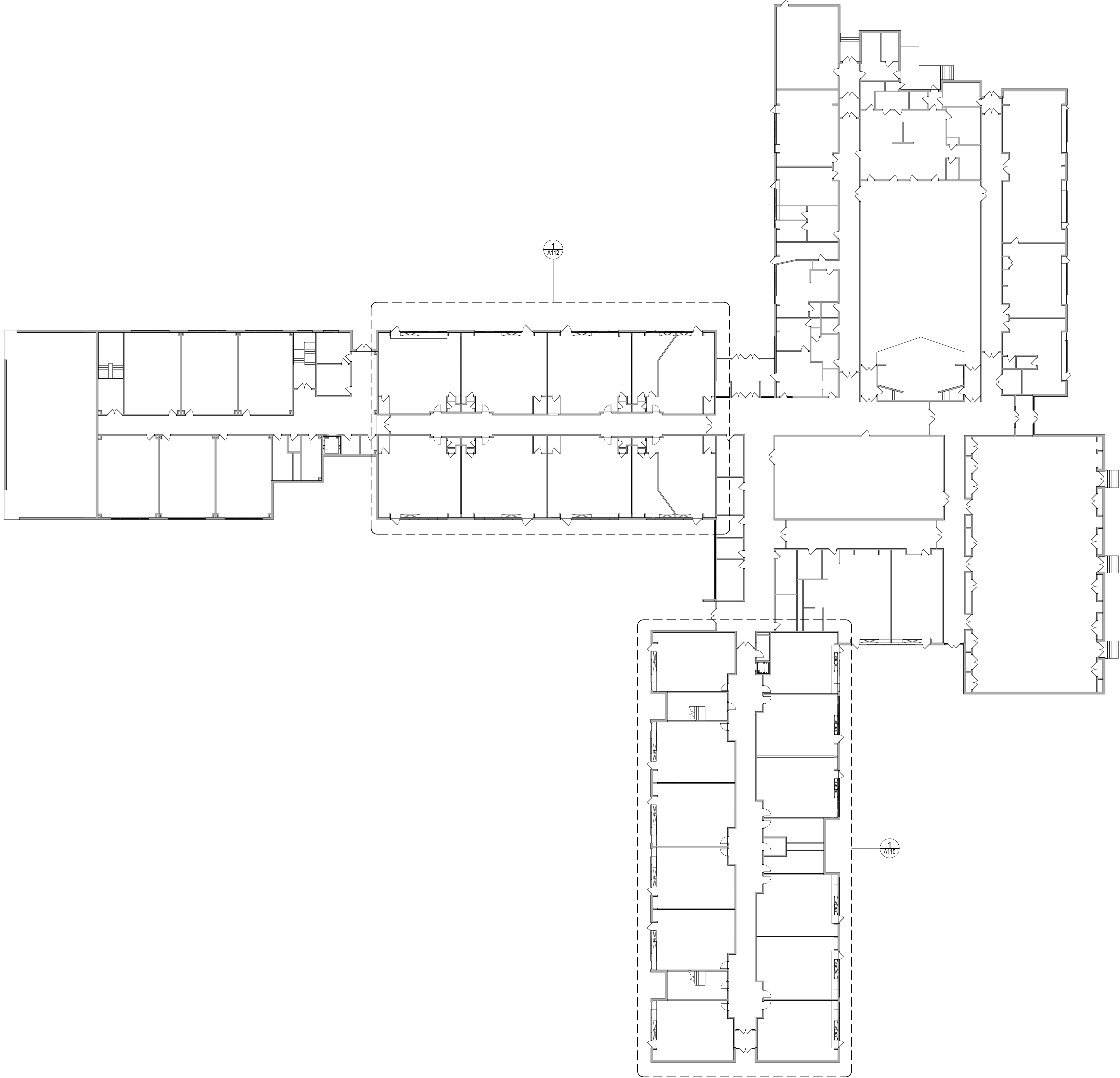
[illegible]

Drawn By:	CSA
Checked By:	CSA
Proj. #:	62-08-03-04-0-010-014
SArch Proj. #:	197-2201.01
Issued for Bid:	08/18/23

SECOND
FLOOR
DEMOLITION
RCP - AREA 'E'

Sheet No. **HES**
AD825

CONSTRUCTION DOCUMENTS



1 OVERALL FIRST FLOOR NEW WORK PLAN
A110 1" = 20'-0"

C:\Users\dmlle\Documents\197-2201 - HES Phase\ABCH_dmlle03.rvt

19 Front St., Newburgh, New York 12550-7601
845.561.5379 www.csarch.pcc.com

CSARCH

Consultant

HIGHLAND CENTRAL SCHOOL DISTRICT
HIGHLAND ELEMENTARY SCHOOL
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 1

Project Title



Expiration Date: 02/28/2025

DATE	DESCRIPTION

Drawn By: CS
Checked By: CS
Proj. #: 62-08-03-04-0-010-014
CSArch Proj. #: 197-2201.01
Issued for Bid: 08/18/23

Sheet Title

OVERALL FIRST
FLOOR NEW
WORK PLAN

Sheet No.

HES
A110

CONSTRUCTION DOCUMENTS

C:\Users\dmliller\Documents\197-2201 - HES Phase1_ARCH_dmliller03.rvt

ADD Alternate No.
GC-02-001-ES

ADD Alternate No.
GC-02-001-ES



1 FIRST FLOOR NEW WORK PLAN - AREA 'E'
A115 1/8" = 1'-0"

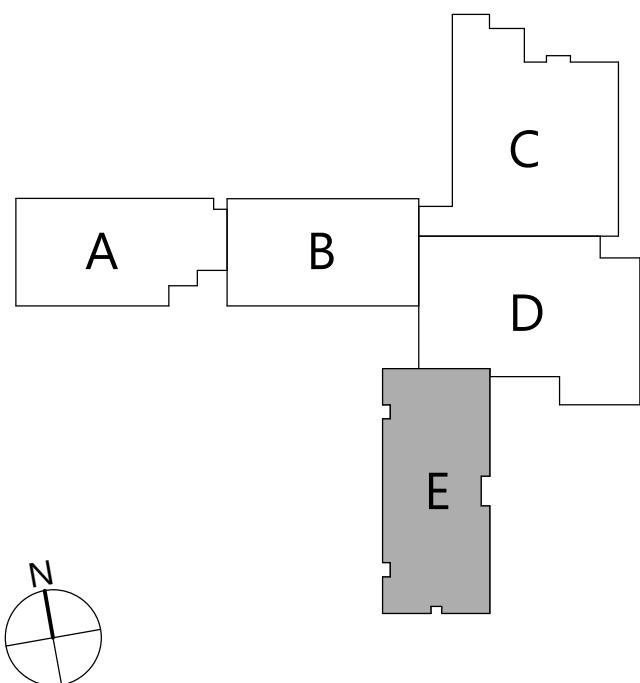
ADD Alternate No.
GC-02-001-ES

ADD Alternate No.
GC-02-001-ES

ADD Alternate No.
GC-02-001-ES

GENERAL NOTES	
1. REFER TO SHEET G001 FOR ADDITIONAL GENERAL NOTES.	
2. REFER TO A800 SERIES AND A800 SERIES DRAWINGS FOR CEILINGS, LIGHTING, DEVICES, AND NOTES.	
3. REFER TO A800 SERIES DRAWINGS FOR DOOR, STOREFRONT, CURTAINWALL, WINDOW AND LOUVER SCHEDULES, DETAILS AND NOTES.	
KEY NOTES - NEW WORK	
(X)	DESCRIPTION
2	PROVIDE NEW 12"x12" VCT FLOORING AND RUBBER WALL BASE OVER EXISTING SUBSTRATE.
7	PROVIDE PERMANENT PARTITION BETWEEN CLASSROOMS. REFER TO SECTION DETAILS COORDINATE POWER REQUIREMENTS WITH ELECTRICAL DRAWINGS.
10	PROVIDE NEW DOOR AND HARDWARE. REFER TO DOOR SCHEDULE.
15	PAINT ALL WALLS IN CLASSROOM FROM WALL BASE TO CEILING. PROTECT EXISTING EQUIPMENT AS REQUIRED. PAINT COLOR TO BE SELECTED BY OWNER.

KEYPLAN



19 Front St., Newburgh, New York 12550-7601
845.561.3379 www.csarch.com

Consultant

HIGHLAND CENTRAL SCHOOL DISTRICT
HIGHLAND ELEMENTARY SCHOOL
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 1

Project Title



Expiration Date: 02/28/2025

DATE	DESCRIPTION

Drawn By: CSA
Checked By: CSA
Proj. #: 62-08-03-84-0-010-014
CSArch Proj. #: 197-2201.01
Issued for Bid: 08/18/23

Sheet Title
FIRST FLOOR
NEW WORK
PLAN - AREA
'E'

Sheet No.
**HES
A115**

CONSTRUCTION DOCUMENTS

COPYRIGHT © ALL RIGHTS RESERVED



1 OVERALL SECOND FLOOR NEW WORK PLAN
A120 1" = 20'-0"

C:\Users\dmlle\Documents\197-2201 - HES Phase\ARCH_ARCH.dmlle03.rvt

Project Title

HIGHLAND CENTRAL SCHOOL DISTRICT
HIGHLAND ELEMENTARY SCHOOL
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 1



Expiration Date: 02/28/2025

DATE	DESCRIPTION

Drawn By:	CSA
Checked By:	CSA
Proj. #:	62-08-03-04-0-010-014
CSArch Proj. #:	197-2201.01
Issued for Bid:	08/18/23

Sheet Title

OVERALL
SECOND
FLOOR NEW
WORK PLAN

Sheet No.

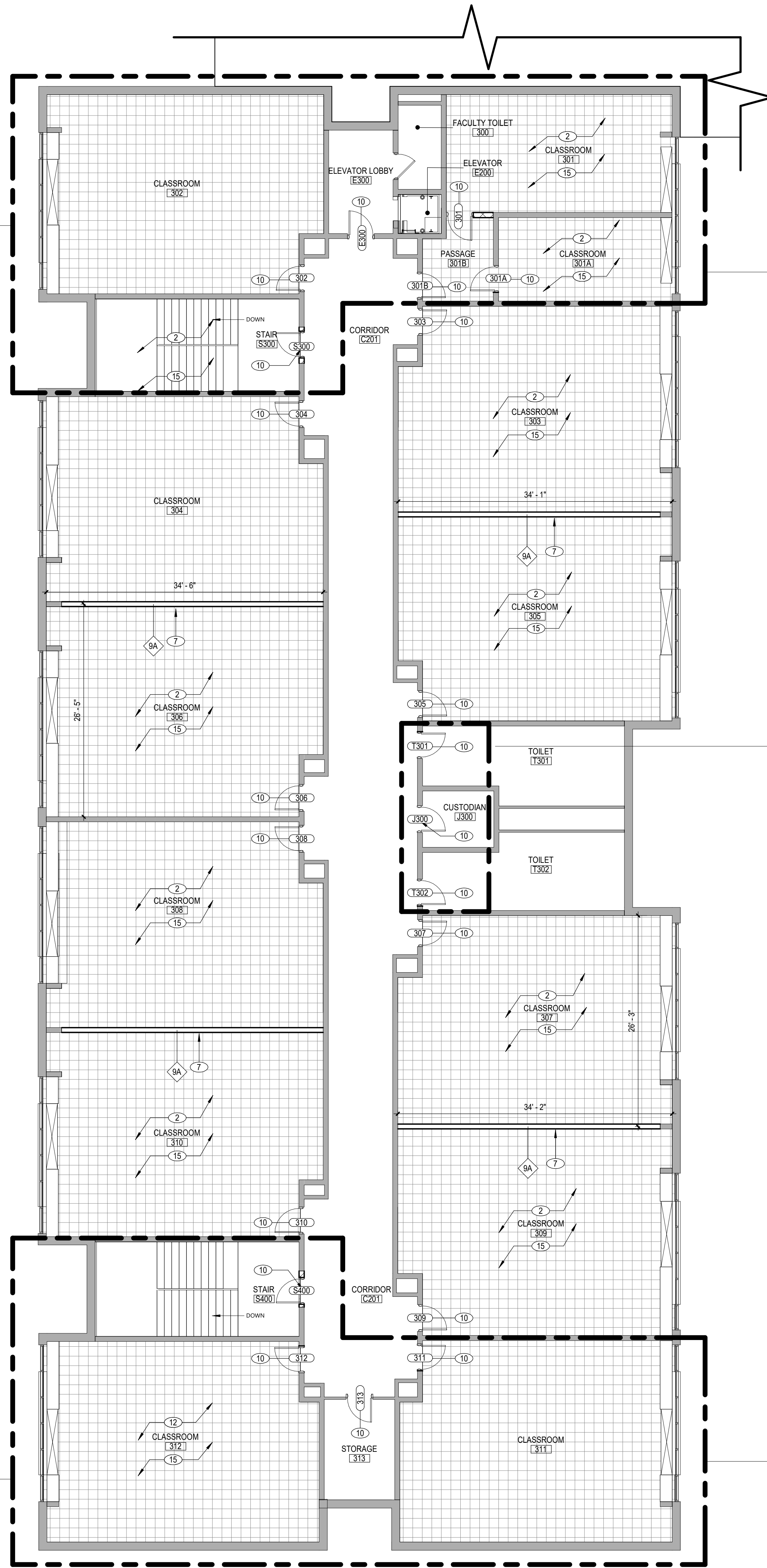
HES
A120

CONSTRUCTION DOCUMENTS

C:\Users\dmliller\Documents\197-2201 - HES Phase1_ARCH.dmliller03.rvt

ADD Alternate No.
GC-02-001-ES

ADD Alternate No.
GC-02-001-ES



1 SECOND FLOOR NEW WORK PLAN - AREA 'E'
A125 1/8" = 1'-0"

ADD Alternate No.
GC-02-001-ES

ADD Alternate No.
GC-02-001-ES

ADD Alternate No.
GC-02-001-ES

GENERAL NOTES	
1.	REFER TO SHEET G001 FOR ADDITIONAL GENERAL NOTES.
2.	REFER TO A800 SERIES AND A800 SERIES DRAWINGS FOR CEILINGS, LIGHTING, DEVICES, AND NOTES.
3.	REFER TO A800 SERIES DRAWINGS FOR DOOR, STOREFRONT, CURTAINWALL, WINDOW AND LOUVER SCHEDULES, DETAILS AND NOTES.

KEY NOTES - NEW WORK	
(X)	DESCRIPTION
2	PROVIDE NEW 1/2"X1/2" VCT FLOORING AND RUBBER WALL BASE OVER EXISTING SUBSTRATE.
7	PROVIDE PERMANENT PARTITION BETWEEN CLASSROOMS. REFER TO SECTION DETAILS COORDINATE POWER REQUIREMENTS WITH ELECTRICAL DRAWINGS.
10	PROVIDE NEW DOOR AND HARDWARE. REFER TO DOOR SCHEDULE.
12	PROVIDE NEW CONCRETE SLAB TO EXTENTS INDICATED. COORDINATE WITH STRUCTURAL DRAWINGS.
15	PAINT ALL WALLS IN CLASSROOM FROM WALL BASE TO CEILING. PROTECT EXISTING EQUIPMENT AS REQUIRED. PAINT COLOR TO BE SELECTED BY OWNER.

KEYPLAN

19 Front St., Newburgh, New York 12550-7601
845.561.3379 www.csarch.com

CSARCH

Consultant

HIGHLAND CENTRAL SCHOOL DISTRICT
HIGHLAND ELEMENTARY SCHOOL
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 1

Project Title

REGISTERED ARCHITECT
STATE OF NEW YORK
623344
Expiration Date: 02/28/2025

DATE DESCRIPTION

Drawn By: CSA
Checked By: CSA
Proj. #: 62-08-03-84-0-010-014
CSArch Proj. #: 197-2201.01
Issued for Bid: 08/18/23

Sheet Title

SECOND FLOOR NEW WORK PLAN - AREA 'E'

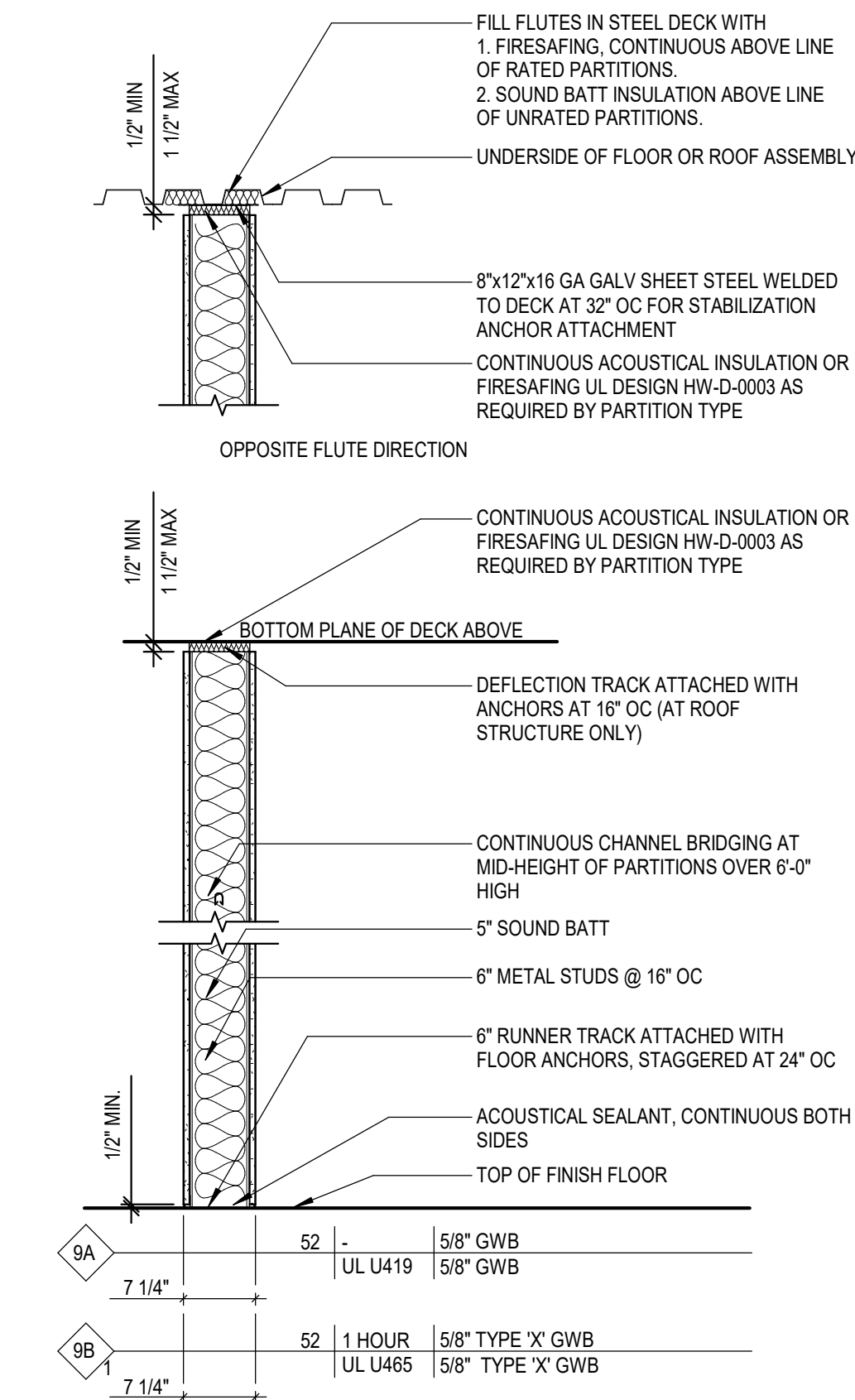
Sheet No.

HES
A125

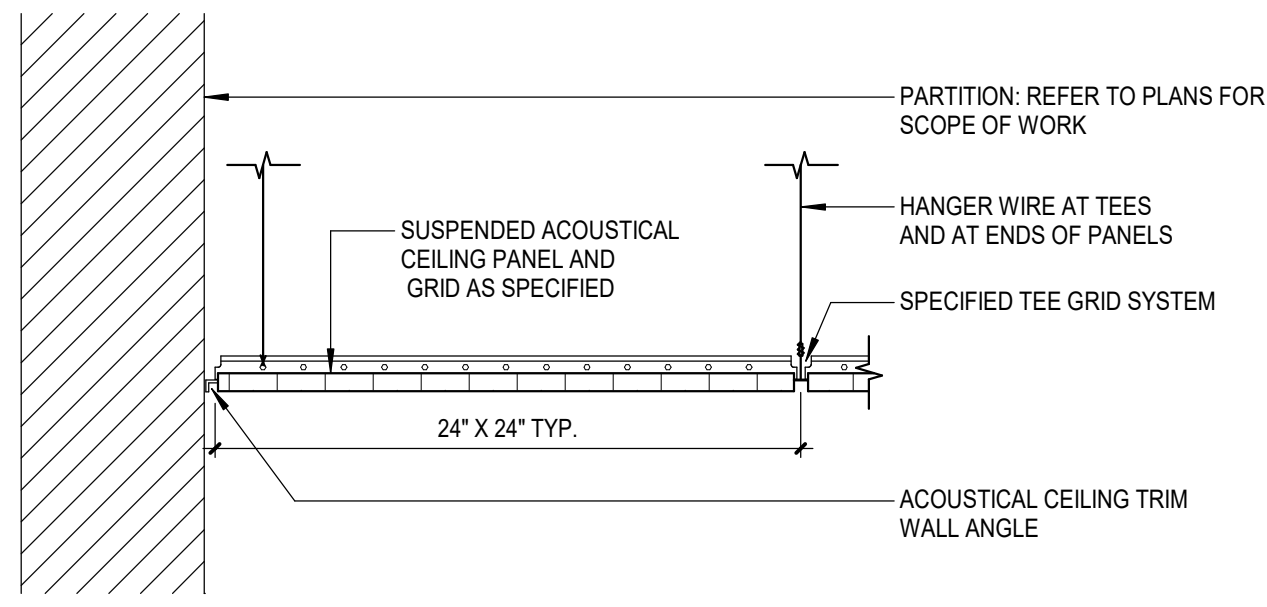
COPYRIGHT © ALL RIGHTS RESERVED

CONSTRUCTION DOCUMENTS

C:\Users\dmliller\Documents\197-2201 - HES Phase1_ARCH.dmliller03.rvt



9 PARTITION TYPE 9
A351 3/4" = 1'-0"



1 ACT CEILING (TYP.)
A351 1 1/2" = 1'-0"

Consultant

HIGHLAND CENTRAL SCHOOL DISTRICT
HIGHLAND ELEMENTARY SCHOOL
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 1

Project Title



Expiration Date: 02/28/2025

REV	DATE	DESCRIPTION

Drawn By: CSA
Checked By: CSA
Proj. #: 62-08-03-04-0-010-014
CSArch Proj. #: 197-2201.01
Issued for Bid: 08/18/23

Sheet Title

SECTION
DETAILS

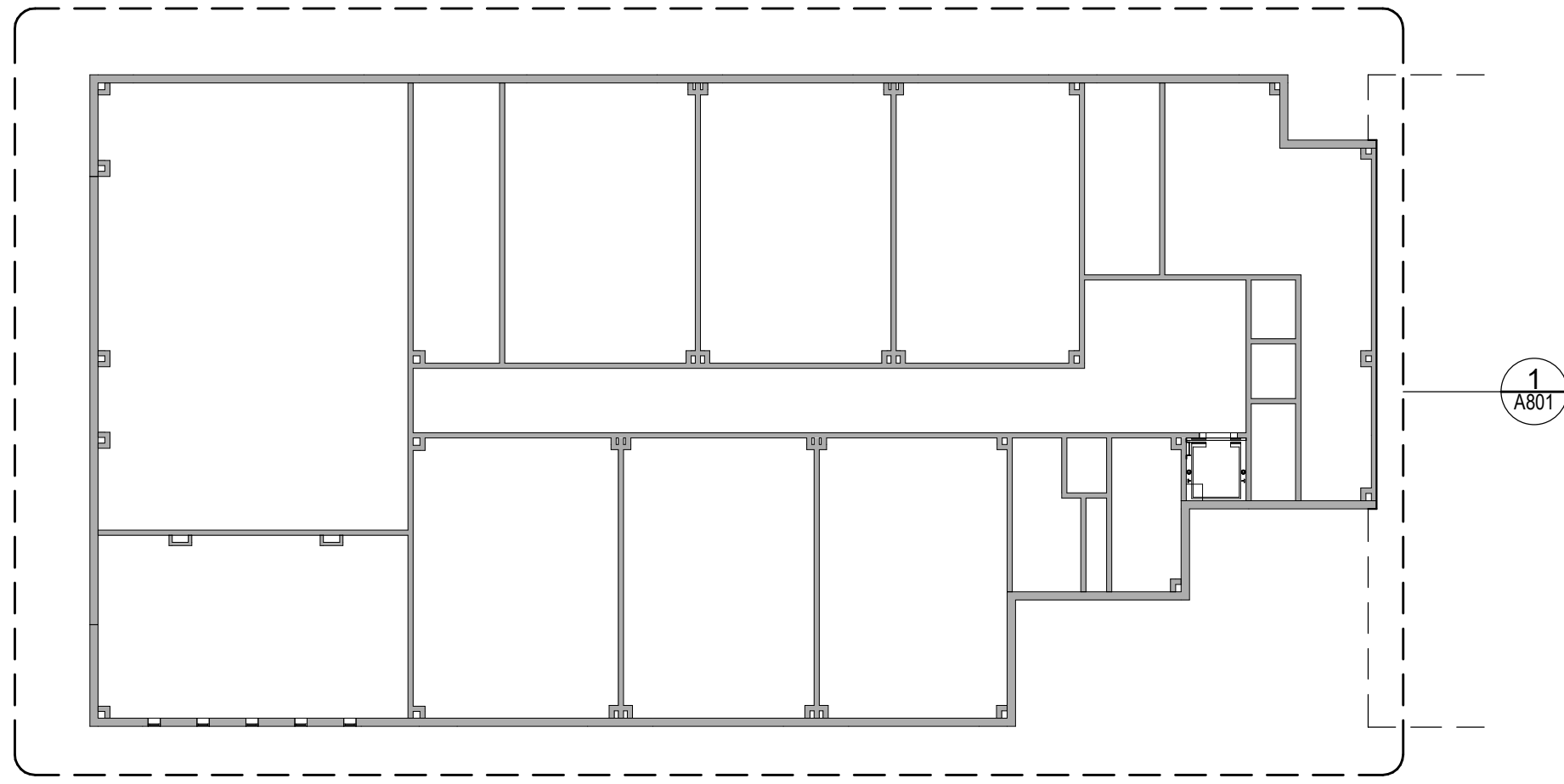
Sheet No.

HES
A351

CONSTRUCTION DOCUMENTS

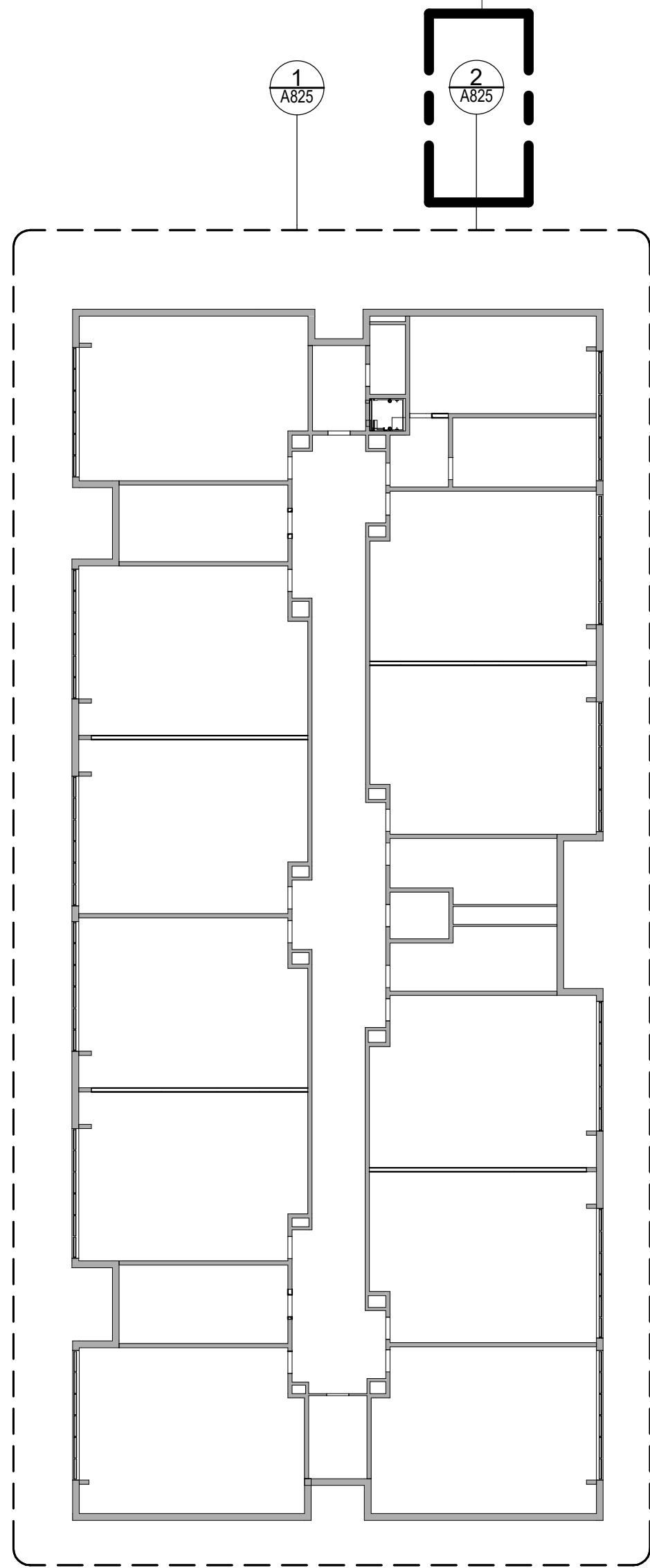
C:\Users\dmliller\Documents\197-2201 - HES Phase\ARCH_dmliller\B3.rvt

1 OVERALL GROUND FLOOR NEW WORK RCP
A800 1" = 20'-0"

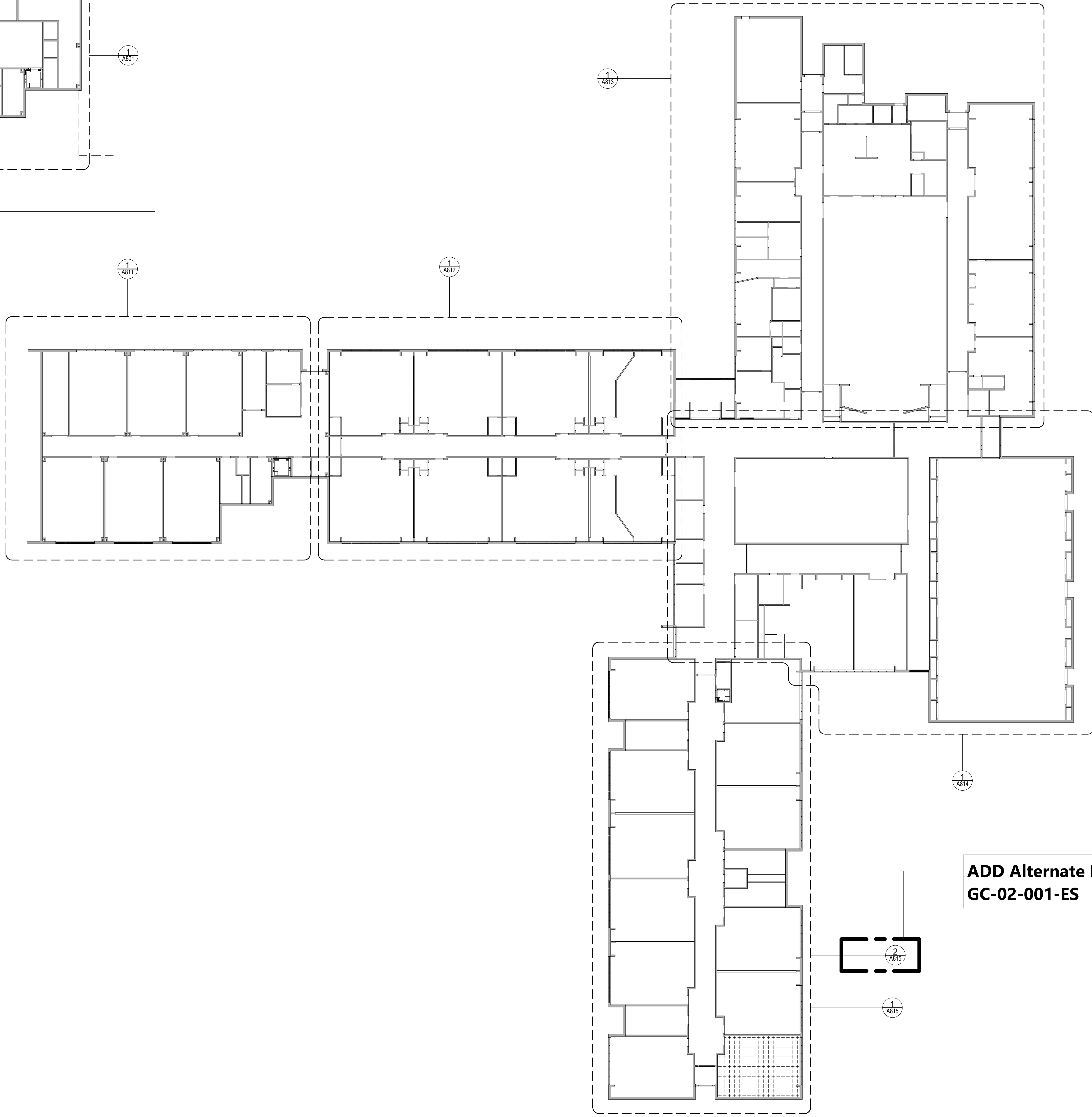


ADD Alternate No.
GC-02-001-ES

3 OVERALL SECOND FLOOR NEW WORK RCP
A800 1" = 20'-0"



2 OVERALL FIRST FLOOR NEW WORK RCP
A800 1" = 20'-0"



ADD Alternate No.
GC-02-001-ES

CEILING NOTES

1. INSTALL CEILING GRIDS CENTERED IN THE ROOM. UNO. IN ROOMS OTHER THAN RECTANGULAR SHAPED, INSTALL GRIDS CENTERED ON WALLS OR OTHER BUILT FEATURES AS INDICATED.
2. INSTALLATION HEIGHTS OF THE CEILINGS MAY VARY SLIGHTLY FROM PLANS IN ROOMS WITH EXTERIOR WINDOWS. ACTUAL CEILING HEIGHT TO BE VERIFIED IN THE FIELD.
3. FINAL INSTALLED CEILINGS SHALL HAVE HEIGHTS COORDINATED WITH OTHER CONTRACTORS WITH ABOVE CEILING WORK AND VERIFIED WITH FIELD CONDITIONS. ALL CHANGES IN CONFIGURATION OR HEIGHTS ARE TO BE APPROVED BY THE ARCHITECT.

CEILING LEGEND

- GWB OR PLASTER CEILING, REFER TO DETAILS AND ROOM FINISH SCHEDULE
- SUSPENDED ACOUSTICAL PANEL CEILING SYSTEM
- CEILING HEIGHT ABOVE FINISHED FLOOR
- LIGHT FIXTURES
COORDINATE NEW WORK WITH ELECTRICAL DRAWINGS
- HVAC EQUIPMENT
COORDINATE NEW WORK WITH MECHANICAL DRAWINGS

19 Front St., Newburgh, New York 12550-7601
845.561.1317 www.csarchitect.com

CSARCH

Consultant

HIGHLAND CENTRAL SCHOOL DISTRICT
HIGHLAND ELEMENTARY SCHOOL
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 1

Project Title



Expiration Date: 02/28/2025

REV.	DATE	DESCRIPTION

Drawn By: CSA
Checked By: CSA
Proj. #: 62-08-03-84-0-010-014
CSArch Proj. #: 197-2201.01
Issued for Bid: 08/18/23

Sheet Title
OVERALL NEW
WORK
REFLECTED
CEILING PLANS

Sheet No.
HES
A800

CONSTRUCTION DOCUMENTS

COPYRIGHT © ALL RIGHTS RESERVED

1. INSTALL CEILING GRIDS CENTERED IN THE ROOM, UNO. IN ROOMS OTHER THAN RECTANGULAR SHAPED, INSTALL GRIDS CENTERED ON WALLS OR OTHER BUILT FEATURES AS INDICATED.
2. INSTALLATION HEIGHTS OF THE CEILINGS MAY VARY SLIGHTLY FROM PLANS IN ROOMS WITH EXTERIOR WINDOWS. ACTUAL CEILING HEIGHT TO BE VERIFIED IN THE FIELD.
3. FINAL INSTALLED CEILINGS SHALL HAVE HEIGHTS COORDINATED WITH OTHER CONTRACTORS WITH ABOVE CEILING WORK AND VERIFIED WITH FIELD CONDITIONS. ALL CHANGES IN CONFIGURATION OR HEIGHTS ARE TO BE APPROVED BY THE ARCHITECT.

 GWB OR PLASTER CEILING, REFER TO DETAILS AND ROOM FINISH SCHEDULE



SUSPENDED ACOUSTICAL PANEL CEILING SYSTEM

 +X'-X" CEILING HEIGHT ABOVE FINISHED FLOOR

LIGHT FIXTURES
COORDINATE NEW WORK WITH ELECTRICAL
DRAWINGS



UNAC EQUIPMENT

COORDINATE NEW WORK WITH MECHANICAL
DRAWINGS

(X)	DESCRIPTION
8	PROVIDE NEW ACT CEILING AS SPECIFIED, COORDINATE WITH MECHANICAL AND ELECTRICAL DRAWINGS.
E1	LIGHT FIXTURE, TYPICAL. REFER TO ELECTRICAL DRAWINGS.

HIGHLAND CENTRAL SCHOOL DISTRICT
HIGHLAND ELEMENTARY SCHOOL
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 1



Expiration Date: 02/28/2025

	DATE	DESCRIPTION

Drawn By:	CSA
Checked By:	CSA
Proj. #:	62-08-03-04-0-010-014
CSArch Proj. #:	197-2201.0
Issued for Bid:	08/18/23

GROUND
FLOOR NEW
WORK RCP -
AREA 'A'

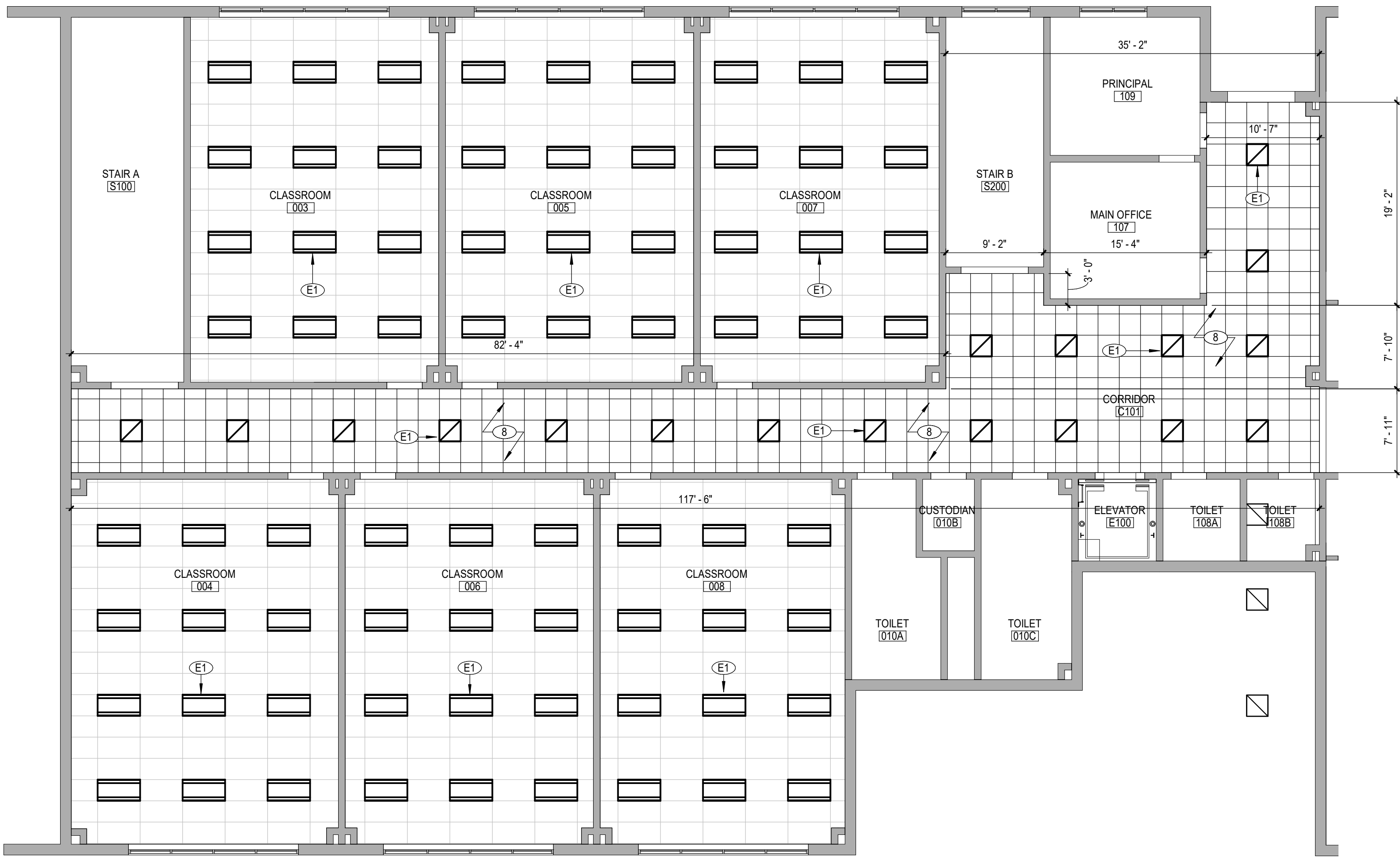
Sheet No. **HES**
A801

CONSTRUCTION DOCUMENTS

COPYRIGHT © ALL RIGHTS RESERVED

C:\Users\dmliller\Documents\197-2201 - HES Phase1_ARCH.dmliller03.rvt

1 FIRST FLOOR NEW WORK RCP - AREA 'A'
A811 1/8" = 1'-0"



CEILING NOTES

1. INSTALL CEILING GRIDS CENTERED IN THE ROOM. UNO. IN ROOMS OTHER THAN RECTANGULAR SHAPED. INSTALL GRIDS CENTERED ON WALLS OR OTHER BUILT FEATURES AS INDICATED.
2. INSTALLATION HEIGHTS OF THE CEILINGS MAY VARY SLIGHTLY FROM PLANS IN ROOMS WITH EXTERIOR WINDOWS. ACTUAL CEILING HEIGHT TO BE VERIFIED IN THE FIELD.
3. FINAL INSTALLED CEILINGS SHALL HAVE HEIGHTS COORDINATED WITH OTHER CONTRACTORS WITH ABOVE CEILING WORK AND VERIFIED WITH FIELD CONDITIONS. ALL CHANGES IN CONFIGURATION OR HEIGHTS ARE TO BE APPROVED BY THE ARCHITECT.

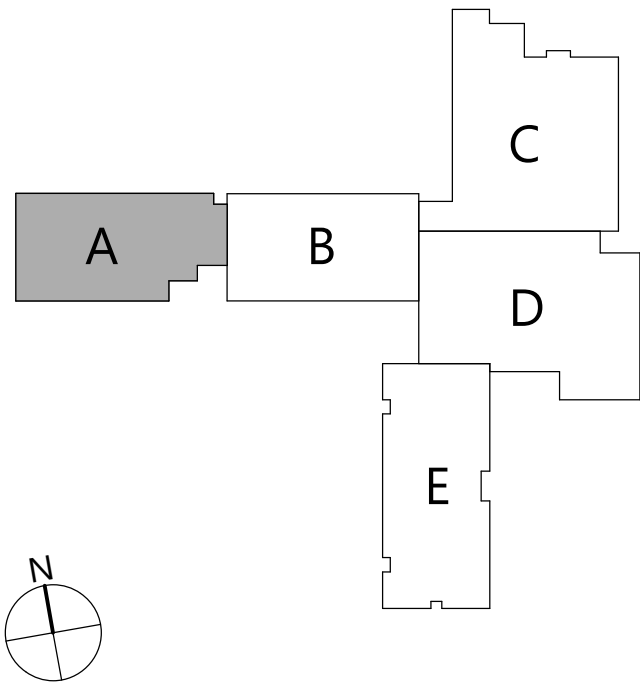
CEILING LEGEND

- QWB OR PLASTER CEILING, REFER TO DETAILS AND ROOM FINISH SCHEDULE
- SUSPENDED ACOUSTICAL PANEL CEILING SYSTEM
- CEILING HEIGHT ABOVE FINISHED FLOOR
- LIGHT FIXTURES
COORDINATE NEW WORK WITH ELECTRICAL DRAWINGS
- HVAC EQUIPMENT
COORDINATE NEW WORK WITH MECHANICAL DRAWINGS

KEY NOTES - NEW WORK

DESCRIPTION	
PROVIDE NEW ACT CEILING AS SPECIFIED, COORDINATE WITH MECHANICAL AND ELECTRICAL DRAWINGS.	8
LIGHT FIXTURE, TYPICAL REFER TO ELECTRICAL DRAWINGS.	E1

KEYPLAN



HIGHLAND CENTRAL SCHOOL DISTRICT
HIGHLAND ELEMENTARY SCHOOL
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 1

Project Title



Expiration Date: 02/28/2025

DATE	DESCRIPTION

Drawn By:	CSA
Checked By:	CSA
Proj. #:	62-08-03-84-0-010-014
CSArch Proj. #:	197-2201.01
Issued for Bid:	08/18/23

Sheet Title
FIRST FLOOR
NEW WORK
RCP - AREA 'A'

Sheet No.
**HES
A811**

CONSTRUCTION DOCUMENTS

19 Front St., Newburgh, New York 12550-7601
845.561.1317 www.csarchitect.com

Consultant

CSARCH

COPYRIGHT © ALL RIGHTS RESERVED



1 FIRST FLOOR NEW WORK RCP - AREA 'B'
A812 1/8" = 1'-0"

CEILING NOTES

1. INSTALL CEILING GRIDS CENTERED IN THE ROOM. UNO. IN ROOMS OTHER THAN RECTANGULAR SHAPED. INSTALL GRIDS CENTERED ON WALLS OR OTHER BUILT FEATURES AS INDICATED.
2. INSTALLATION HEIGHTS OF THE CEILINGS MAY VARY SLIGHTLY FROM PLANS IN ROOMS WITH EXTERIOR WINDOWS. ACTUAL CEILING HEIGHT TO BE VERIFIED IN THE FIELD.
3. FINAL INSTALLED CEILINGS SHALL HAVE HEIGHTS COORDINATED WITH OTHER CONTRACTORS WITH ABOVE CEILING WORK AND VERIFIED WITH FIELD CONDITIONS. ALL CHANGES IN CONFIGURATION OR HEIGHTS ARE TO BE APPROVED BY THE ARCHITECT.

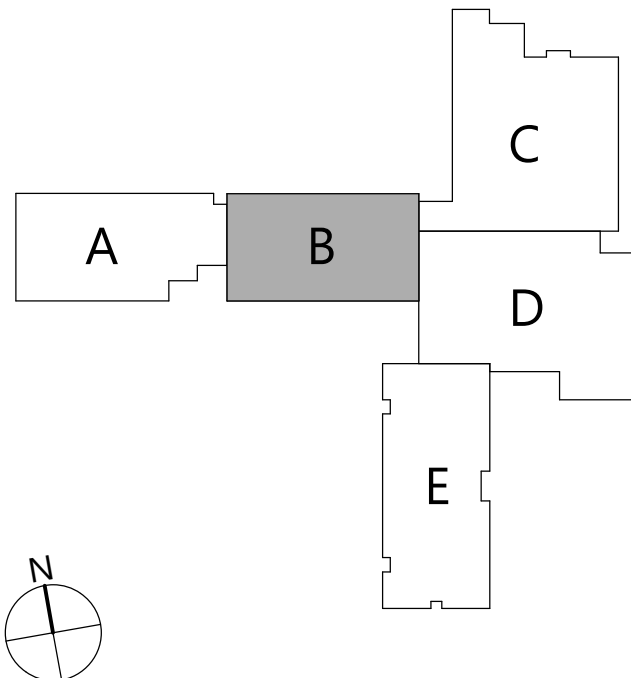
CEILING LEGEND

- QWB OR PLASTER CEILING. REFER TO DETAILS AND ROOM FINISH SCHEDULE
- SUSPENDED ACOUSTICAL PANEL CEILING SYSTEM
- CEILING HEIGHT ABOVE FINISHED FLOOR
- LIGHT FIXTURES
COORDINATE NEW WORK WITH ELECTRICAL DRAWINGS
- HVAC EQUIPMENT
COORDINATE NEW WORK WITH MECHANICAL DRAWINGS

KEY NOTES - NEW WORK

(X)	DESCRIPTION
7	PROVIDE PERMANENT PARTITION BETWEEN CLASSROOMS. REFER TO SECTION DETAILS. COORDINATE POWER REQUIREMENTS WITH ELECTRICAL DRAWINGS.
8	PROVIDE NEW ACT CEILING AS SPECIFIED. COORDINATE WITH MECHANICAL AND ELECTRICAL DRAWINGS.
E1	LIGHT FIXTURE. TYPICAL. REFER TO ELECTRICAL DRAWINGS.

KEYPLAN

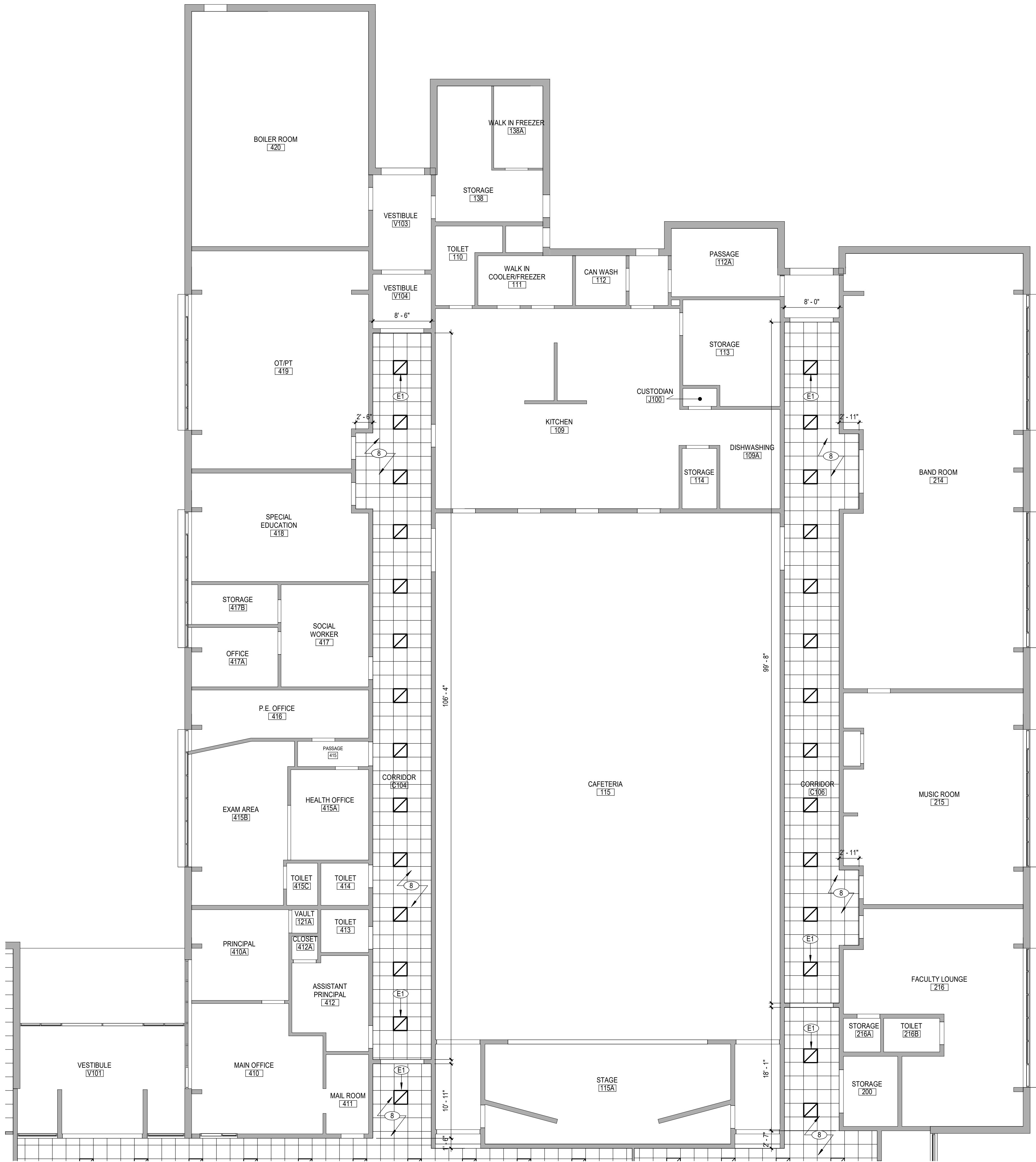


DATE	DESCRIPTION

Drawn By:	CSA
Checked By:	CSA
Proj. #:	62-08-03-84-0-010-014
CSArch Proj. #:	197-2201.01
Issued for Bid:	08/18/23

Sheet Title
FIRST FLOOR
NEW WORK
RCP - AREA 'B'

Sheet No.
**HES
A812**



1
A813 1/8" = 1'-0"

FIRST FLOOR NEW WORK RCP - AREA 'C'

CEILING NOTES

1. INSTALL CEILING GRIDS CENTERED IN THE ROOM. UNO. IN ROOMS OTHER THAN RECTANGULAR SHAPED, INSTALL GRIDS CENTERED ON WALLS OR OTHER BUILT FEATURES AS INDICATED.

2. INSTALLATION HEIGHTS OF THE CEILINGS MAY VARY SLIGHTLY FROM PLANS IN ROOMS WITH EXTERIOR WINDOWS. ACTUAL CEILING HEIGHT TO BE VERIFIED IN THE FIELD.

3. FINAL INSTALLED CEILINGS SHALL HAVE HEIGHTS COORDINATED WITH OTHER CONTRACTORS WITH ABOVE CEILING WORK AND VERIFIED WITH FIELD CONDITIONS. ALL CHANGES IN CONFIGURATION OR HEIGHTS ARE TO BE APPROVED BY THE ARCHITECT.

CEILING LEGEND

GWB OR PLASTER CEILING, REFER TO DETAILS AND ROOM FINISH SCHEDULE

SUSPENDED ACOUSTICAL PANEL CEILING SYSTEM

CEILING HEIGHT ABOVE FINISHED FLOOR

LIGHT FIXTURES
COORDINATE NEW WORK WITH ELECTRICAL DRAWINGS

HVAC EQUIPMENT
COORDINATE NEW WORK WITH MECHANICAL DRAWINGS

KEY NOTES - NEW WORK

(X)

DESCRIPTION

8

PROVIDE NEW ACT. CEILING AS SPECIFIED, COORDINATE WITH MECHANICAL AND ELECTRICAL DRAWINGS.

E1

LIGHT FIXTURE, TYPICAL REFER TO ELECTRICAL DRAWINGS.

KEYPLAN

A

B

C

D

E

N

19 Front St., Newburgh, New York 12550-7601
845.561.1317 www.csarchitect.com

CSARCH

Consultant

HIGHLAND CENTRAL SCHOOL DISTRICT
HIGHLAND ELEMENTARY SCHOOL
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 1

Project Title

REGISTERED ARCHITECT
STATE OF NEW YORK
623344

Expiration Date: 02/28/2025

DATE	DESCRIPTION

Drawn By: CSA

Checked By: CSA

Proj. #: 62-08-03-84-0-010-014

CSArch Proj. #: 197-2201.01

Issued for Bid: 08/18/23

Sheet Title

FIRST FLOOR
NEW WORK
RCP - AREA 'C'

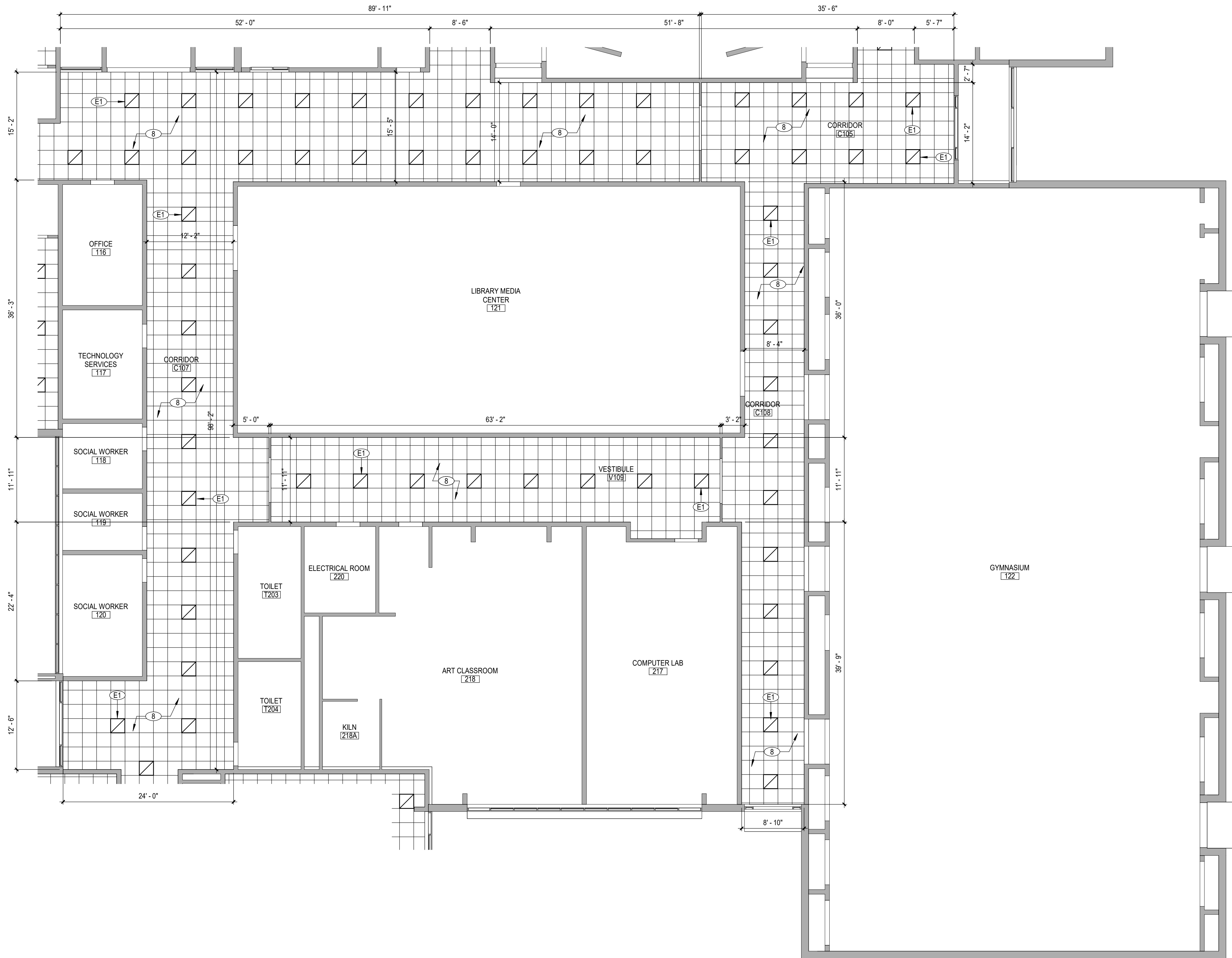
Sheet No.

HES
A813

CONSTRUCTION DOCUMENTS

C:\Users\dmliller\Documents\197-2201 - HES Phase1_ARCH.dmliller03.rvt

C:\Users\dmliller\Documents\197-2201 - HES Phase1_ARCH.dmliller03.rvt



1 FIRST FLOOR NEW WORK RCP - AREA 'D'
A814 1/8" = 1'-0"

CEILING NOTES

1. INSTALL CEILING GRIDS CENTERED IN THE ROOM. UNO. IN ROOMS OTHER THAN RECTANGULAR SHAPED, INSTALL GRIDS CENTERED ON WALLS OR OTHER BUILT FEATURES AS INDICATED.
2. INSTALLATION HEIGHTS OF THE CEILINGS MAY VARY SLIGHTLY FROM PLANS IN ROOMS WITH EXTERIOR WINDOWS. ACTUAL CEILING HEIGHT TO BE VERIFIED IN THE FIELD.
3. FINAL INSTALLED CEILINGS SHALL HAVE HEIGHTS COORDINATED WITH OTHER CONTRACTORS WITH ABOVE CEILING WORK AND VERIFIED WITH FIELD CONDITIONS. ALL CHANGES IN CONFIGURATION OR HEIGHTS ARE TO BE APPROVED BY THE ARCHITECT.

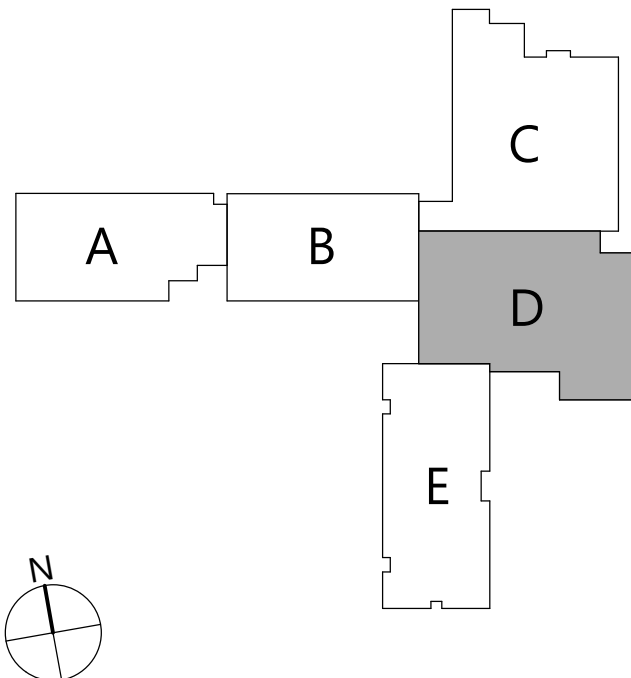
CEILING LEGEND

- QWB OR PLASTER CEILING, REFER TO DETAILS AND ROOM FINISH SCHEDULE
- SUSPENDED ACOUSTICAL PANEL CEILING SYSTEM
- CEILING HEIGHT ABOVE FINISHED FLOOR
- LIGHT FIXTURES
COORDINATE NEW WORK WITH ELECTRICAL DRAWINGS
- HVAC EQUIPMENT
COORDINATE NEW WORK WITH MECHANICAL DRAWINGS

KEY NOTES - NEW WORK

(X)	DESCRIPTION
8	PROVIDE NEW ACT. CEILING AS SPECIFIED, COORDINATE WITH MECHANICAL AND ELECTRICAL DRAWINGS.
E1	LIGHT FIXTURE, TYPICAL REFER TO ELECTRICAL DRAWINGS.

KEYPLAN



19 Front St., Newburgh, New York 12550-7601
845.561.1317 www.csarchitect.com

CSARCH

Consultant

HIGHLAND CENTRAL SCHOOL DISTRICT
HIGHLAND ELEMENTARY SCHOOL
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 1

Project Title



Expiration Date: 02/28/2025

DATE	DESCRIPTION

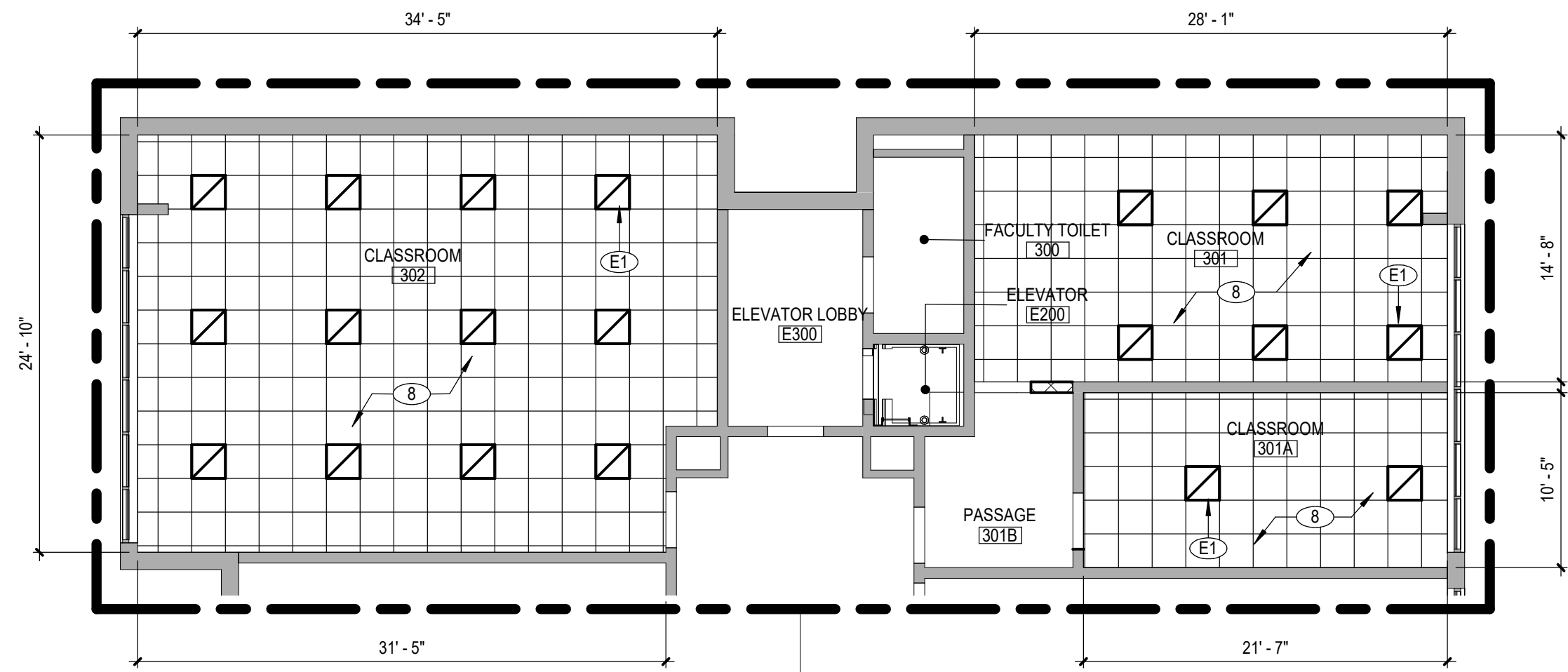
Drawn By: CSA
Checked By: CSA
Proj. #: 62-08-03-84-0-010-014
CSArch Proj. #: 197-2201.01
Issued for Bid: 08/18/23

Sheet Title
FIRST FLOOR
NEW WORK
RCP - AREA 'D'

Sheet No.
HES
A814

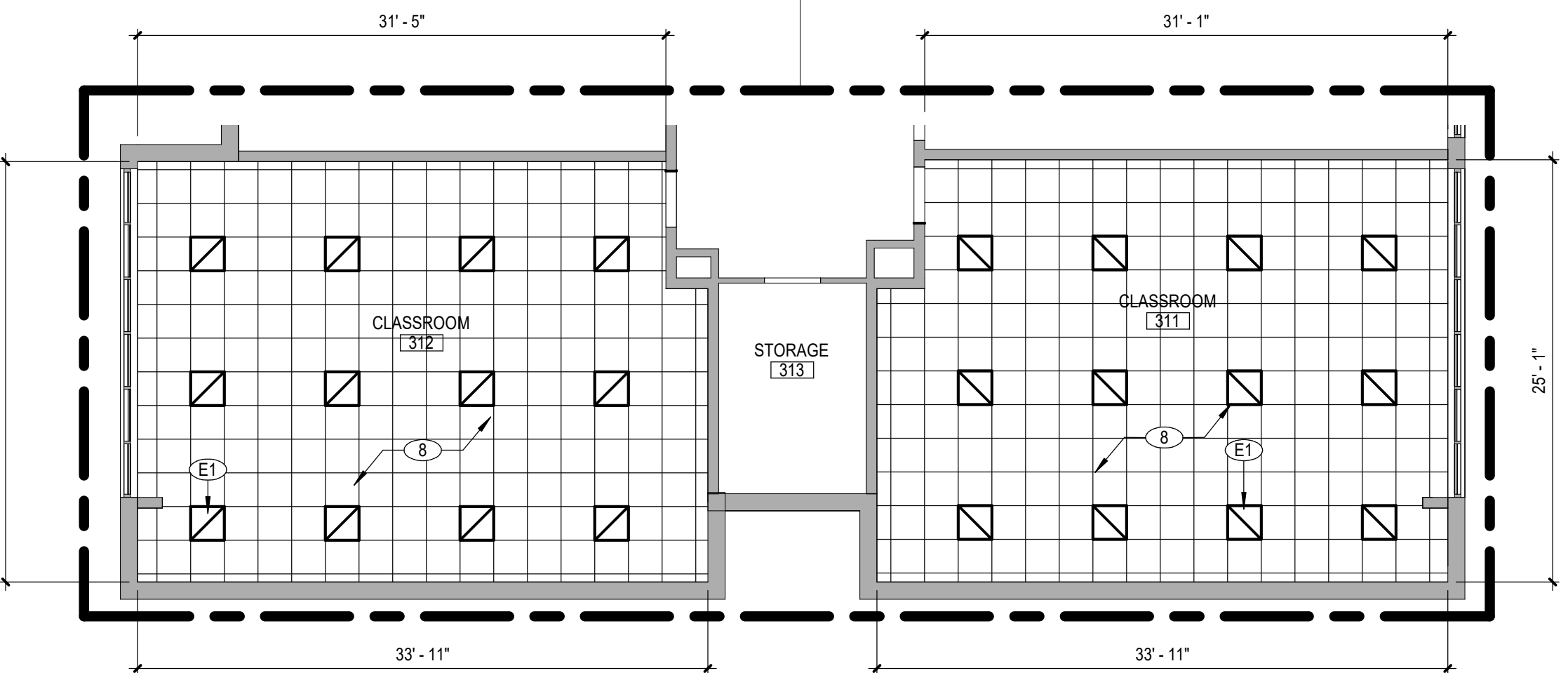
CONSTRUCTION DOCUMENTS

COPYRIGHT © ALL RIGHTS RESERVED



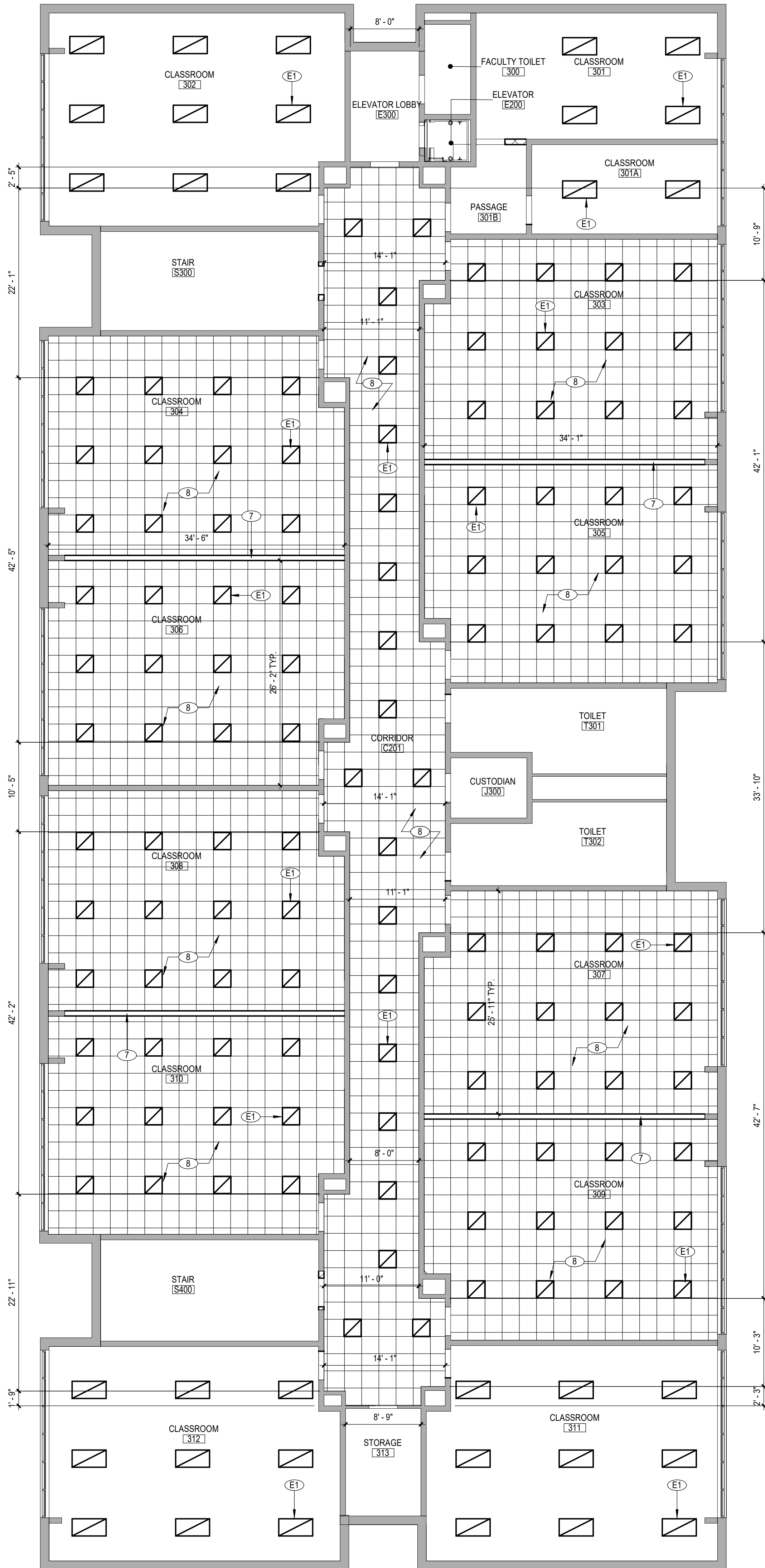
ADD Alternate No.
GC-02-001-ES

SCOPE OF WORK IN AREA
OMITTED FROM VIEW IS BASE BID



ADD Alternate No.
GC-02-001-ES

2 SECOND FLOOR NEW WORK RCP - AREA 'E'
A825 1/8" = 1'-0"



1 SECOND FLOOR NEW WORK RCP - AREA 'E'
A825 1/8" = 1'-0"

CEILING NOTES

1. INSTALL CEILING GRIDS CENTERED IN THE ROOM. UNO. IN ROOMS OTHER THAN RECTANGULAR SHAPED. INSTALL GRIDS CENTERED ON WALLS OR OTHER BUILT FEATURES AS INDICATED.
2. INSTALLATION HEIGHTS OF THE CEILINGS MAY VARY SLIGHTLY FROM PLANS IN ROOMS WITH EXTERIOR WINDOWS. ACTUAL CEILING HEIGHT TO BE VERIFIED IN THE FIELD.
3. FINAL INSTALLED CEILINGS SHALL HAVE HEIGHTS COORDINATED WITH OTHER CONTRACTORS WITH ABOVE CEILING WORK AND VERIFIED WITH FIELD CONDITIONS. ALL CHANGES IN CONFIGURATION OR HEIGHTS ARE TO BE APPROVED BY THE ARCHITECT.

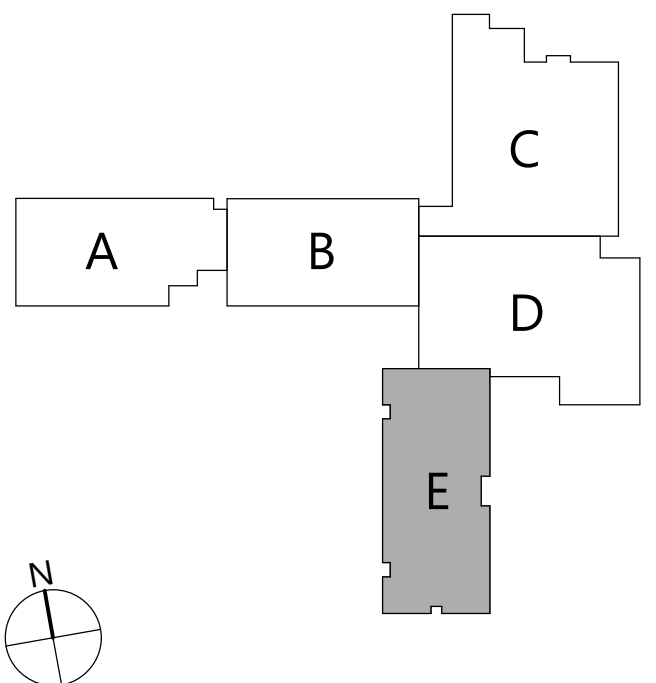
CEILING LEGEND

- GWB OR PLASTER CEILING. REFER TO DETAILS AND ROOM FINISH SCHEDULE
- SUSPENDED ACOUSTICAL PANEL CEILING SYSTEM
- CEILING HEIGHT ABOVE FINISHED FLOOR
- LIGHT FIXTURES
COORDINATE NEW WORK WITH ELECTRICAL DRAWINGS
- HVAC EQUIPMENT
COORDINATE NEW WORK WITH MECHANICAL DRAWINGS

KEY NOTES - NEW WORK

(X)	DESCRIPTION
7	PROVIDE PERMANENT PARTITION BETWEEN CLASSROOMS. REFER TO SECTION DETAILS. COORDINATE POWER REQUIREMENTS WITH ELECTRICAL DRAWINGS.
8	PROVIDE NEW ACT CEILING AS SPECIFIED. COORDINATE WITH MECHANICAL AND ELECTRICAL DRAWINGS.
E1	LIGHT FIXTURE, TYPICAL. REFER TO ELECTRICAL DRAWINGS.

KEYPLAN



19 Front St., Newburgh, New York 12550-7601
845.561.3379 www.csarch.com

CSARCH

HIGHLAND CENTRAL SCHOOL DISTRICT
HIGHLAND ELEMENTARY SCHOOL
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 1

Project Title



Expiration Date: 02/28/2025

DATE	DESCRIPTION

Drawn By: CSA
Checked By: CSA
Proj. #: 62-08-03-84-0-010-014
CSArch Proj. #: 197-2201.01
Issued for Bid: 08/18/23

Sheet Title
SECOND FLOOR NEW WORK RCP - AREA 'E'

Sheet No.
HES
A825

CONSTRUCTION DOCUMENTS

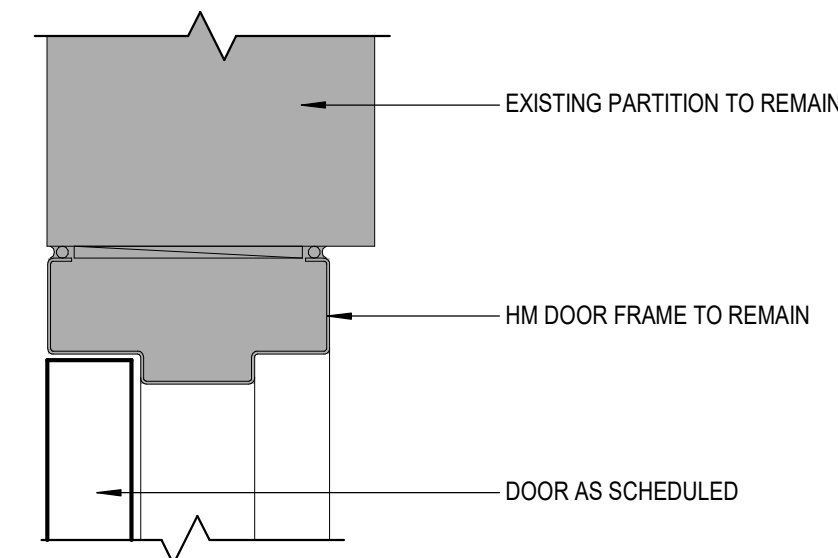
COPYRIGHT © ALL RIGHTS RESERVED

C:\Users\amiller\Documents\197-2201 - HES Phase\ARCH_amiller\03.dwg

4
A901

3" = 1'-0"

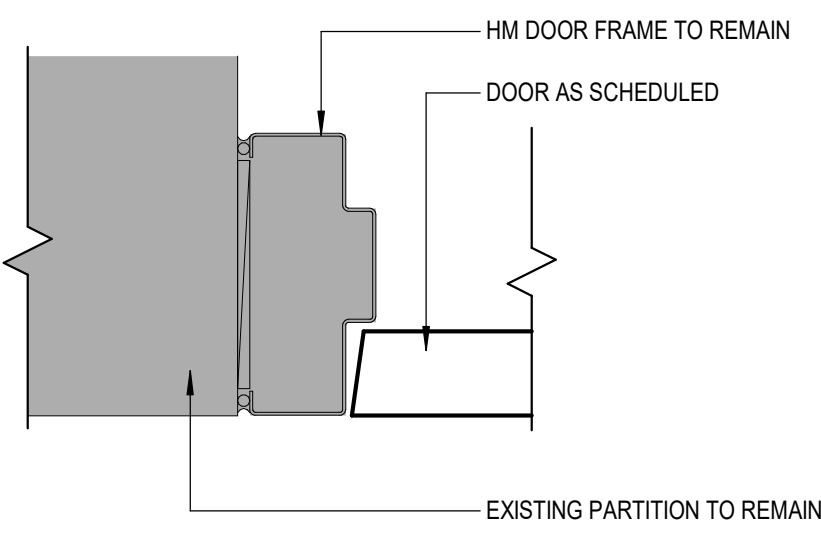
HEAD DETAIL A



3
A901

3" = 1'-0"

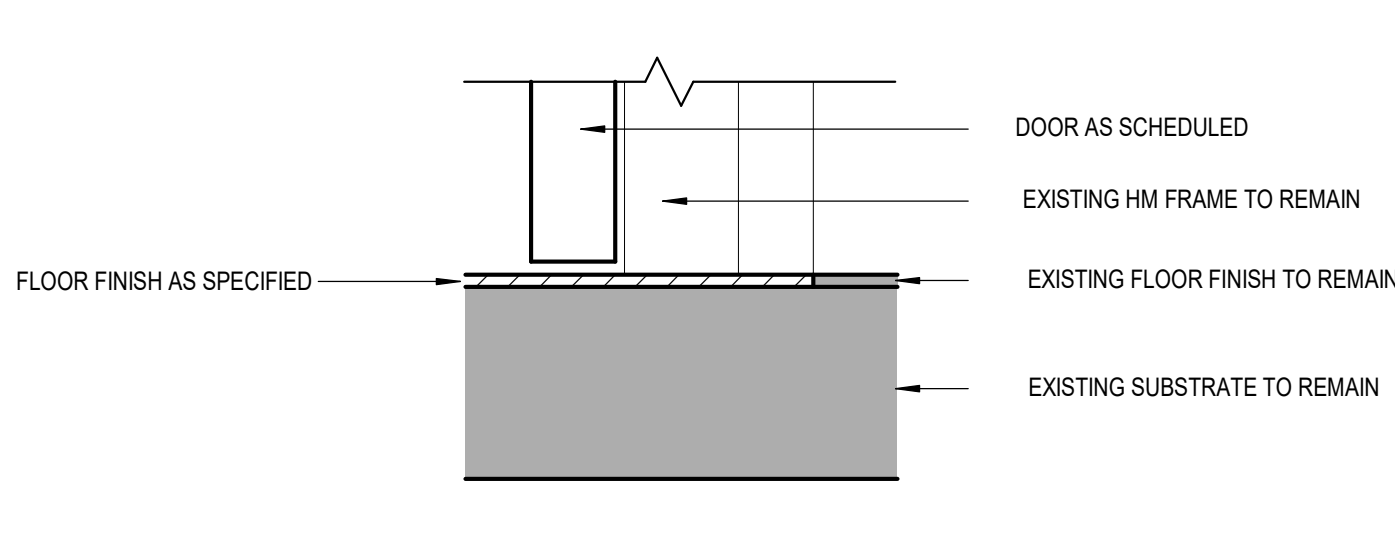
JAMB DETAIL A



2
A901

3" = 1'-0"

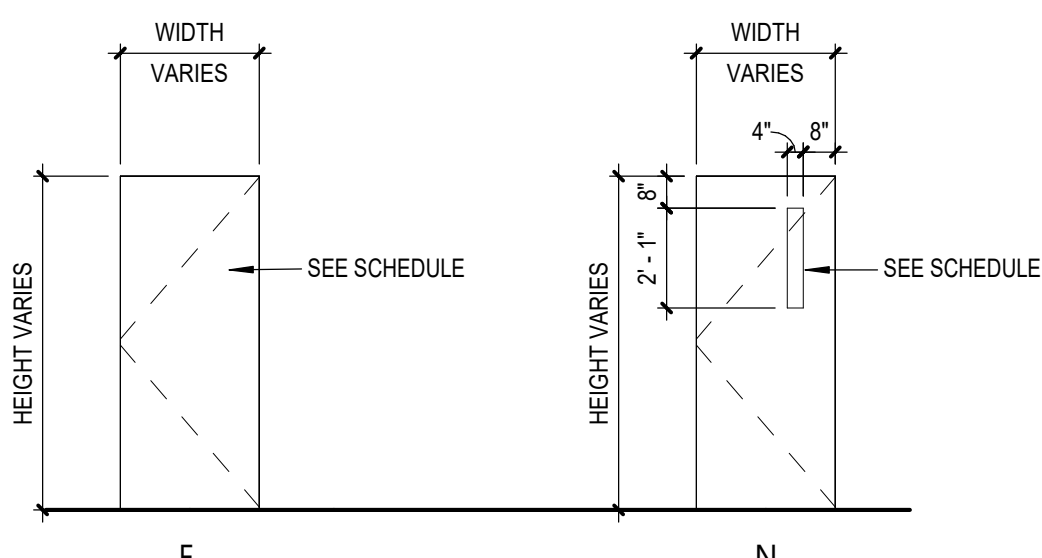
SILL DETAIL A



1
A901

1/4" = 1'-0"

DOOR ELEVATION



GLAZING TYPES	
CCL	LOW-E COATED, INSULATED GLASS
CI	CLEAR INSULATED GLASS
FR	FIRE RATED GLASS
FT	FULLY TEMPERED GLASS
LM	LAMINATED GLASS
SP	SPANDREL GLASS

DOOR NUMBER	QUANTITY	DOOR										FRAME				LABEL (MIN)	GLAZING	HARDWARE	MAG HOLD-OPEN	ACCESS CONTROL	REMARKS	DOOR NUMBER
		FROM		TO		WIDTH	HEIGHT	THICKNESS	TYPE	MATERIAL	FINISH	MATERIAL	FINISH	HEAD DETAIL	JAMB DETAIL	SILL DETAIL						
101	1	101	CLASSROOM	C102	CORRIDOR	3' - 0"	7' - 0"	1 3/4"	N	WD	FF	HM	ETR	4/A901	3/A901	2/A901	20	FR	HW-1			101
102	1	C102	CORRIDOR	102	CLASSROOM	3' - 0"	7' - 0"	1 3/4"	N	WD	FF	HM	ETR	4/A901	3/A901	2/A901	20	FR	HW-1			102
103	1	103	CLASSROOM	C102	CORRIDOR	3' - 0"	7' - 0"	1 3/4"	N	WD	FF	HM	ETR	4/A901	3/A901	2/A901	20	FR	HW-1			103
104	1	C102	CORRIDOR	104	CLASSROOM	3' - 0"	7' - 0"	1 3/4"	N	WD	FF	HM	ETR	4/A901	3/A901	2/A901	20	FR	HW-1			104
105	1	105	CLASSROOM	C102	CORRIDOR	3' - 0"	7' - 0"	1 3/4"	N	WD	FF	HM	ETR	4/A901	3/A901	2/A901	20	FR	HW-1			105
106	1	C102	CORRIDOR	106	CLASSROOM	3' - 0"	7' - 0"	1 3/4"	N	WD	FF	HM	ETR	4/A901	3/A901	2/A901	20	FR	HW-1			106
107	1	107	CLASSROOM	C102	CORRIDOR	3' - 0"	7' - 0"	1 3/4"	N	WD	FF	HM	ETR	4/A901	3/A901	2/A901	20	FR	HW-1			107
108	1	C102	CORRIDOR	108	CLASSROOM	3' - 0"	7' - 0"	1 3/4"	N	WD	FF	HM	ETR	4/A901	3/A901	2/A901	20	FR	HW-1			108
201	1	C109	CORRIDOR	201	CLASSROOM	3' - 0"	7' - 0"	1 3/4"	N	WD	FF	HM	ETR	4/A901	3/A901	2/A901	20	FR	HW-1		ADD ALTERNATE NO. GC-02-001-ES	201
201A	1	C109	CORRIDOR	201A	ELEVATOR MECH. ROOM	3' - 0"	7' - 0"	1 3/4"	F	WD	FF	HM	ETR	4/A901	3/A901	2/A901	90	-	HW-2		ADD ALTERNATE NO. GC-02-001-ES	201A
202	1	C109	CORRIDOR	202	CLASSROOM	3' - 0"	7' - 0"	1 3/4"	N	WD	FF	HM	ETR	4/A901	3/A901	2/A901	20	FR	HW-1		ADD ALTERNATE NO. GC-02-001-ES	202
203	1	C109	CORRIDOR	203	CLASSROOM	3' - 0"	7' - 0"	1 3/4"	N	WD	FF	HM	ETR	4/A901	3/A901	2/A901	20	FR	HW-1			203
204	1	C109	CORRIDOR	204	CLASSROOM	3' - 0"	7' - 0"	1 3/4"	N	WD	FF	HM	ETR	4/A901	3/A901	2/A901	20	FR	HW-1			204
205	1	C109	CORRIDOR	205	CLASSROOM	3' - 0"	7' - 0"	1 3/4"	N	WD	FF	HM	ETR	4/A901	3/A901	2/A901	20	FR	HW-1			205
206	1	C109	CORRIDOR	206	CLASSROOM	3' - 0"	7' - 0"	1 3/4"	N	WD	FF	HM	ETR	4/A901	3/A901	2/A901	20	FR	HW-1			206
207	1	C109	CORRIDOR	207	CLASSROOM	3' - 0"	7' - 0"	1 3/4"	N	WD	FF	HM	ETR	4/A901	3/A901	2/A901	20	FR	HW-1			207
208	1	C109	CORRIDOR	208	CLASSROOM	3' - 0"	7' - 0"	1 3/4"	N	WD	FF	HM	ETR	4/A901	3/A901	2/A901	20	FR	HW-1			208
209	1	C109	CORRIDOR	209	CLASSROOM	3' - 0"	7' - 0"	1 3/4"	N	WD	FF	HM	ETR	4/A901	3/A901	2/A901	20	FR	HW-1			209
210	1	C109	CORRIDOR	210	CLASSROOM	3' - 0"	7' - 0"	1 3/4"	N	WD	FF	HM	ETR	4/A901	3/A901	2/A901	20	FR	HW-1			210
211	1	C109	CORRIDOR	211	CLASSROOM	3' - 0"	7' - 0"	1 3/4"	N	WD	FF	HM	ETR	4/A901	3/A901	2/A901	20	FR	HW-1		ADD ALTERNATE NO. GC-02-001-ES	211
212	1	C109	CORRIDOR	212	CLASSROOM	3' - 0"	7' - 0"	1 3/4"	N	WD	FF	HM	ETR	4/A901	3/A901	2/A901	20	FR	HW-1		ADD ALTERNATE NO. GC-02-001-ES	212
301	1	301	CLASSROOM	301B	PASSAGE	3' - 0"	7' - 0"	1 3/4"	N	WD	FF	HM	ETR	4/A901	3/A901	2/A901	20	FR	HW-1		ADD ALTERNATE NO. GC-02-001-ES	301
301A	1	301A	CLASSROOM	301B	PASSAGE	3' - 0"	7' - 0"	1 3/4"	N	WD	FF	HM	ETR	4/A901	3/A901	2/A901	20	FR	HW-1		ADD ALTERNATE NO. GC-02-001-ES	301A
301B	1	C201	CORRIDOR	301B	PASSAGE	3' - 0"	7' - 0"	1 3/4"	N	WD	FF	HM	ETR	4/A901	3/A901	2/A901	20	FR	HW-1		ADD ALTERNATE NO. GC-02-001-ES	301B
302	1	C201	CORRIDOR	302	CLASSROOM	3' - 0"	7' - 0"	1 3/4"	N	WD	FF	HM	ETR	4/A901	3/A901	2/A901	20	FR	HW-1		ADD ALTERNATE NO. GC-02-001-ES	302
303	1	C201	CORRIDOR	303	CLASSROOM	3' - 0"	7' - 0"	1 3/4"	N	WD	FF	HM	ETR	4/A901	3/A901	2/A901	20	FR	HW-1			303
304	1	C201	CORRIDOR	304	CLASSROOM	3' - 0"	7' - 0"	1 3/4"	N	WD	FF	HM	ETR	4/A901	3/A901	2/A901	20	FR	HW-1			304
305	1	C201	CORRIDOR	305	CLASSROOM	3' - 0"	7' - 0"	1 3/4"	N	WD	FF	HM	ETR	4/A901	3/A901	2/A901	20	FR	HW-1			305
306	1	C201	CORRIDOR	306	CLASSROOM	3' - 0"	7' - 0"	1 3/4"	N	WD	FF	HM	ETR	4/A901	3/A901	2/A901	20	FR	HW-1			306
307	1	C201	CORRIDOR	307	CLASSROOM	3' - 0"	7' - 0"	1 3/4"	N	WD	FF	HM	ETR	4/A901	3/A901	2/A901	20	FR	HW-1			307
308	1	C201	CORRIDOR	308	CLASSROOM	3' - 0"	7' - 0"	1 3/4"	N	WD	FF	HM	ETR	4/A901	3/A901	2/A901	20	FR	HW-1			308
309	1	C201	CORRIDOR	309	CLASSROOM	3' - 0"	7' - 0"	1 3/4"	N	WD	FF	HM	ETR	4/A901	3/A901	2/A901	20	FR	HW-1			309
310	1	C201	CORRIDOR	310	CLASSROOM	3' - 0"	7' - 0"	1 3/4"	N	WD	FF	HM	ETR	4/A901	3/A901	2/A901	20	FR	HW-1			310
311	1	C201	CORRIDOR	311	CLASSROOM	3' - 0"	7' - 0"	1 3/4"	N	WD	FF	HM	ETR	4/A901	3/A901	2/A901	20	FR	HW-1		ADD ALTERNATE NO. GC-02-001-ES	311
312	1	C201	CORRIDOR	312	CLASSROOM	3' - 0"	7' - 0"	1 3/4"	N	HM	PT	HM	PT	4/A901	3/A901	2/A901	20	FR	HW-1		ADD ALTERNATE NO. GC-02-001-ES	312
313	1	C201	CORRIDOR	313	STORAGE	3' - 0"	7' - 0"	1 3/4"	N	WD	FF	HM	ETR	4/A901	3/A901	2/A901	20	-	HW-2		ADD ALTERNATE NO. GC-02-001-ES	313
E300	1	C201	CORRIDOR	E300	ELEVATOR LOBBY	3' - 0"	7' - 0"	1 3/4"	F	WD	FF	HM	ETR	4/A901	3/A901	2/A901	90	-	HW-2		ADD ALTERNATE NO. GC-02-001-ES	E300
J200	1	C109	CORRIDOR	J200	CUSTODIAN	3' - 0"	7' - 0"	1 3/4"	F	WD	FF	HM	ETR	4/A901	3/A901	2/A901	20	-	HW-2		ADD ALTERNATE NO. GC-02-001-ES	J200
J300	1	C201	CORRIDOR	J300	CUSTODIAN	3' - 0"	7' - 0"	1 3/4"	N	WD	FF	HM	ETR	4/A901	3/A901	2/A901	20	-	HW-2		ADD ALTERNATE NO. GC-02-001-ES	J300
S300	1	C201	CORRIDOR	S300	STAIR	3' - 0"	7' - 0"	1 3/4"	N	WD	FF	HM	ETR	4/A901	3/A901	2/A901	45	FR	HW-3	YES	ADD ALTERNATE NO. GC-02-001-ES	S300
S300	1	S300	STAIR	C109	CORRIDOR	3' - 0"	7' - 0"	1 3/4"	N	WD	FF	HM	ETR	4/A901	3/A901	2/A901	45	FR	HW-3	YES	ADD ALTERNATE NO. GC-02-001-ES	S300
S400	1	C201	CORRIDOR	S400	STAIR	3' - 0"	7' - 0"	1 3/4"	N	WD	FF	HM	ETR	4/A901	3/A901	2/A901	45	FR	HW-3	YES	ADD ALTERNATE NO. GC-02-001-ES	S400
S400	1	C109	CORRIDOR	S400	STAIR	3' - 0"	7' - 0"	1 3/4"	N	WD	FF	HM	ETR	4/A901	3/A901	2/A901	45	FR	HW-3	YES	ADD ALTERNATE NO. GC-02-001-ES	S400
T201	1	C109	CORRIDOR	T201	TOILET	3' - 0"	7' - 0"	1 3/4"	F	WD	FF	HM	ETR	4/A901	3/A901	2/A901	20	-	HW-4		ADD ALTERNATE NO. GC-02-001-ES	T201
T202	1	C109	CORRIDOR	T202	TOILET	3' - 0"	7' - 0"	1 3/4"	F	WD	FF	HM	ETR	4/A901	3/A901	2/A901	20	-	HW-4		ADD ALTERNATE NO. GC-02-001-ES	T202
T301	1	C201	CORRIDOR	T301	TOILET	3' - 0"	7' - 0"	1 3/4"	F	WD	FF	HM	ETR	4/A901	3/A901	2/A901	20	-	HW-4		ADD ALTERNATE NO. GC-02-001-ES	T301
T302	1	C201	CORRIDOR	T302	TOILET	3' - 0"	7' - 0"	1 3/4"	F	WD	FF	HM	ETR	4/A901	3/A901	2/A901	20	-	HW-4		ADD ALTERNATE NO. GC-02-001-ES	T302

Consultant

HIGHLAND CENTRAL SCHOOL DISTRICT
HIGHLAND ELEMENTARY SCHOOL
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 1

Project Title



Expiration Date: 02/28/2025

DATE	DESCRIPTION

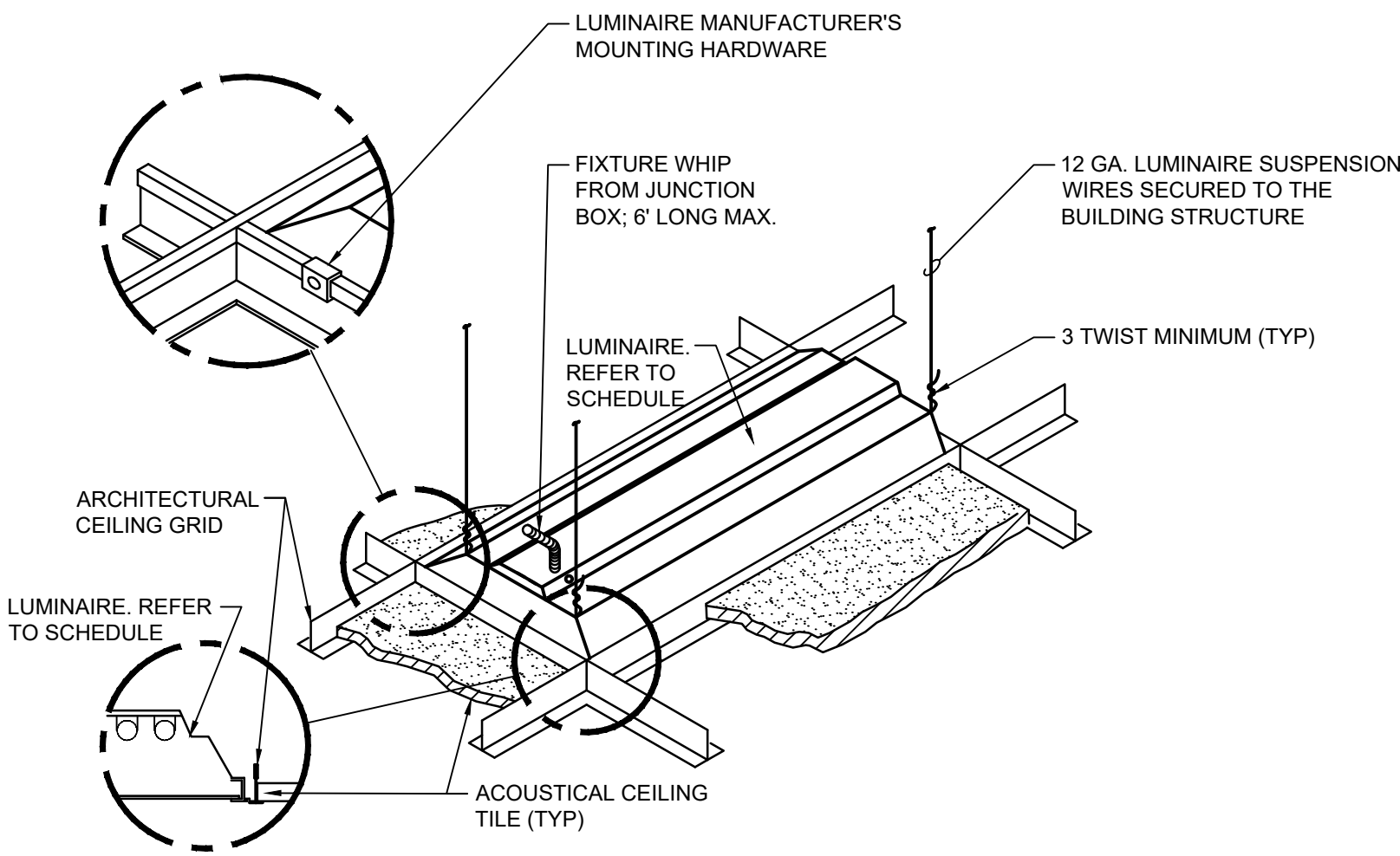
Drawn By: *amiller*
Checked By: *amiller*
Proj. #: 62-08-03-84-0-010-014
CSArch Proj. #: 197-2201-01
Issued for Bid: 08/18/23

Sheet Title
DOOR
SCHEDULE,
ELEVATIONS,
AND DETAILS

Sheet No.
HES
A901
CONSTRUCTION DOCUMENTS

19 Front St., Newburgh, New York 12550-7601
845.561.1379 www.csarch.com

CSARCH



GENERAL NOTE:

1. INSTALL IN ACCORDANCE WITH MANUFACTURER'S MOUNTING INSTRUCTIONS AND USING THE RECOMMENDED MOUNTING HARDWARE.

1 Luminaire Mounting Detail - Lay-In Ceiling
Scale: None

LIGHTING FIXTURE SCHEDULE

TAG	SYMBOL	MANUFACTURER & MODEL	TYPE	VOLTAGE	# OF LAMPS	LAMP WATTS	FIXTURE WATTS	MOUNTING	SIZE	NOTES
A		HE WILLIAMS RECESSED DIRECT/INDIRECT DIG-S24-L50/840-AD-DIM-UNV	LED	277	1	37.4	37.4	RECESSED	2x4'	4000K COLOR TEMPERATURE
B		HE WILLIAMS RECESSED DIRECT/INDIRECT DIG-S22-L24/840-AD-DIM-UNV	LED	277	1	19.5	19.5	RECESSED	2'x2'	4000K COLOR TEMPERATURE
C		HE WILLIAMS RECESSED DIRECT/INDIRECT DIG-S22-L32/840-AD-DIM-UNV	LED	277	1	25.8	25.8	RECESSED	2'x2'	4000K COLOR TEMPERATURE
-		HE WILLIAMS LED EMERGENCY LIGHT EMER/LED-WHT-SDT-D	LED	120	2	1.0	2.0	UNIVERSAL	-	UL 924 LISTED FIXTURE; 90-MINUTE BATTERY BACKUP

ELECTRICAL LEGEND:

	MOTOR
	EARTH GROUND
	JUNCTION BOX
	PULL BOX
	FUSE WITH RATING
	MOLDED CASE CIRCUIT BREAKER
	DISCONNECT SWITCH, FUSED
	DISCONNECT SWITCH, UNFUSED
	STARTER, COMBINATION WITH DISCONNECT SWITCH
	STARTER OR MOTOR CONTROLLER
	METER
	20A 120V DUPLEX CEILING MOUNTED RECEPTACLE
	20A 120V DUPLEX WALL MOUNTED RECEPTACLE; 18\"/>
	20A 120V DUPLEX WALL MOUNTED RECEPTACLE WITH GROUND FAULT CIRCUIT INTERRUPTER
	20A 120V QUADRAPLEX RECEPTACLE
	WALL MOUNTED SPECIAL PURPOSE RECEPTACLE
	20A 120V WALL MOUNTED USB CHARGER RECEPTACLE TYPICAL OF HUBBELL USB20X OR ACCEPTABLE EQUAL
	FLOOR BOX WITH STAINLESS COVER TYPICAL OF LEW ELECTRIC #OB-1-SP OR ACCEPTABLE EQUAL; PUSH BUTTON OPEN; FULLY IP66 RATED WATER PROOF (WHEN IN CLOSED POSITION); W/ 20A 125V E00120 GFCI RECEPTACLE (UNLESS OTHERWISE NOTED)
	WALL PHONE OUTLET MTD, 48\"/>
	WALL BOX FOR TELEVISION CONNECTION; 1-1/4\"/>
	TELEPHONE/DATA COMMUNICATION BOX W/ (2) 3/4\"/>
	BRANCH CIRCUIT HOMERUN; LINES INDICATE NUMBER OF CIRCUITS, NEUTRAL, AND SWITCH LEG CONDUCTORS; ONE SEPARATE GROUNDING CONDUCTOR SHALL BE PROVIDED FOR EACH HOMERUN; NOT SHOWN
	SWITCH
	BLANK = SINGLE POLE
	3 = THREE-WAY
	D = DIMMER
	P = WITH PILOT LIGHT
	T = TIMER OPERATED
	X = EXPLOSION PROOF
	2 = DOUBLE POLE
	4 = FOUR-WAY
	K = KEY OPERATED
	PB = PUSH BUTTON
	WP = WEATHER PROOF
	OC = OCCUPANCY SENSOR
	EXISTING EMERGENCY LIGHT
	EXISTING WALL MOUNTED EXIT LIGHT
	DUAL TECHNOLOGY OCCUPANCY/VACANCY SENSOR
	DAYLIGHT SENSOR
	HORN/STROBE DEVICE, ONE ASSEMBLY; MTD, 80\"/>
	STROBE DEVICE; MTD, 80\"/>
	MANUAL PULL STATION; MTD, 48\"/>
	WATER FLOW SWITCH
	VALVE TAMPER SWITCH
	DETECTOR; LETTER INDICATES AS FOLLOWS: BLANK = SMOKE DETECTOR P = PHOTOELECTRIC SMOKE M = MULTIPLE STATION SMOKE ALARM D = PHOTOELECTRIC DUCT SMOKE DETECTOR FSD = DUCT SMOKE DETECTOR FOR FIRE SMOKE DAMPER
	RATE OF RISE HEAT DETECTOR, 135\"/>
	CARBON MONOXIDE DETECTOR; MTD, 60\"/>
	ADDRESSABLE FIRE ALARM CONTROL PANEL
	FIRE ALARM ANNUNCIATOR PANEL
	REMOTE TEST SWITCH & LED FOR DUCT SMOKE DETECTORS
	FIRE ALARM RELAY

ELECTRICAL NOTES:

- ALL MATERIALS AND EQUIPMENT ARE TO BE NEW, UNUSED, AND FREE FROM DEFECTS OF ANY KIND. THE BASIS OF QUALITY SHALL BE THE LATEST REVISION OF ASTM, ANSI, OR OTHER ACCEPTABLE STANDARDS.
- THESE DRAWINGS ARE DIAGRAMMATIC, AND INDICATE GENERAL ARRANGEMENT OF WORK. THE CONTRACTOR SHALL BE RESPONSIBLE TO HAVE REVIEWED THE SITE FOR HIS WORK PRIOR TO HAVING SUBMITTED HIS PROPOSAL. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR CONDITIONS FOUND DURING THE COURSE OF THE CONTRACT.
- THE CONTRACTOR SHALL COORDINATE HIS WORK WITH THAT OF ALL OTHER TRADES.
- ALL WORK INCLUDING LABOR AND MATERIALS SHALL BE FULLY GUARANTEED FOR ONE (1) YEAR FROM THE DATE OF PAYMENT AND FINAL ACCEPTANCE BY THE OWNER AND ENGINEER.
- ALL CUTTING, PATCHING, FIRE-STOPPING, AND SURFACE RESTORATION IN CONNECTION WITH THIS TRADE SHALL BE COMPLETED BY THIS CONTRACTOR.
- A MINIMUM OF FOUR (4) COPIES OF SHOP DRAWINGS SHALL BE SUBMITTED TO THE ARCHITECT FOR APPROVAL PRIOR TO ORDERING AND INSTALLATION OF THE EQUIPMENT AND/OR MATERIALS. BY SUBMITTING SHOP DRAWINGS, THE CONTRACTOR REPRESENTS THAT ACTUAL FIELD CONDITIONS ARE VERIFIED BY HIM AND ARE REFLECTED ON HIS SUBMITTALS.
- THIS CONTRACTOR SHALL PAY ALL FEES, GIVE ALL NOTICES, FILE ALL NECESSARY DRAWINGS, AND OBTAIN ALL PERMITS, INSPECTIONS AND CERTIFICATES OF APPROVAL REQUIRED IN CONNECTION WITH WORK UNDER THIS CONTRACT.
- EQUIPMENT AND MATERIALS FOR WHICH UNDERWRITERS LABORATORIES, INC. (UL) PROVIDES PRODUCT LISTING SERVICE SHALL BE LISTED AND BEAR THE LISTING MARK.
- ALL WORK IN ASSOCIATION WITH THIS CONTRACT SHALL BE COMPLETED IN STRICT COMPLIANCE WITH THE 2017 NATIONAL ELECTRIC CODE, 2020 BUILDING CODE OF NEW YORK STATE, 2020 FIRE CODE OF NEW YORK STATE & 2020 ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE.
- ALL NEW LIGHTING FIXTURES SHALL BE INSTALLED FULLY LAMPED AND OPERABLE. THE CONTRACTOR SHALL TURN OVER TO THE OWNER SPARE LAMPS OF EVERY TYPE ON THE PROJECT IN AN AMOUNT NOT LESS THAN 20% OF THE TOTAL NUMBER OF EACH TYPE (MINIMUM 1 PER TYPE).
- THIS CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COORDINATION, APPLICATIONS AND FEES OF ALL WORK ASSOCIATED WITH THE LOCAL UTILITY COMPANY AND/OR THE TELEPHONE COMPANY. ALL WORK INVOLVING THE UTILITY COMPANY SHALL BE COMPLETED IN ACCORDANCE WITH THEIR REGULATIONS AND GUIDELINES.
- ALL CONDUCTORS SHALL BE COPPER, SHALL NOT BE LESS THAN #12 AWG, AND SHALL NOT EXCEED 70 FEET FROM PANEL BOARD TO FURTHEST CONNECTION UNLESS OTHERWISE NOTED ON PLANS.
- LIGHTING LOADS SHALL NOT BE COMBINED ON THE SAME CIRCUIT AS ANY OTHER ELECTRICAL LOADS.
- CONTRACTOR SHALL BE RESPONSIBLE TO FURNISH & INSTALL ALL SMALL DETAILS AND INCIDENTAL WORK NOT SHOWN OR SPECIFIED, BUT WHICH CAN BE REASONABLY INFERRED AS REQUIRED FOR A COMPLETE AND OPERATING SYSTEM OF HIGH QUALITY MEETING ALL APPLICABLE CODES AND REGULATIONS.
- FOR EACH NEW OR MODIFIED ELECTRICAL PANEL, THE CONTRACTOR SHALL PROVIDE A TYPE WRITTEN DIRECTORY CARD TO REFLECT ALL CIRCUITING. ADDITIONALLY, THE CONTRACTOR SHALL LABEL (WITH A PERMANENT MARKER OR LABEL) EACH RECEPTACLE ON THE INSIDE OF EACH FACE PLATE WITH PANEL AND CIRCUIT NUMBER DESIGNATION.
- MINIMUM REQUIREMENT FOR EQUIPMENT GROUNDING SHALL BE GOVERNED BY THE NEC. ALL GROUNDS, BONDING, ETC. SHALL MEET THESE REQUIREMENTS. THE CONTRACTOR SHALL FURNISH AND INSTALL ANY AND ALL ITEMS NECESSARY TO MEET THESE REQUIREMENTS AT NO EXTRA COST, EVEN IF SUCH ITEMS ARE NOT DETAILED ON THE DRAWINGS.
- ALL CONDUIT AND CABLE SHALL BE PROPERLY SUPPORTED AND ROUTED PARALLEL OR PERPENDICULAR TO BUILDING WALLS. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL SUPPORT HANGERS AND MISCELLANEOUS METALS REQUIRED FOR PROPER INSTALLATION OF WORK.
- THE CONTRACTOR IS RESPONSIBLE TO TEST ALL EQUIPMENT, WIRING, DEVICES, AND SYSTEMS INSTALLED UNDER THIS CONTRACT TO ENSURE PROPER OPERATION PRIOR TO FINAL ACCEPTANCE BY THE OWNER AND ENGINEER.
- THE CONTRACTOR IS RESPONSIBLE TO DETERMINE WHETHER SPECIAL LICENSING IS REQUIRED IN ORDER TO PERFORM THE REQUIRED WORK IN THE MUNICIPALITY WHERE THE PROJECT IS LOCATED. IF THE CONTRACTOR CANNOT OBTAIN THE REQUIRED LICENSING TO COMPLETE THE WORK WITHIN THE PROJECT SCHEDULE, THEN THE CONTRACTOR SHALL NOT BE PERMITTED TO BID ON THIS PROJECT.

WIRE COLOR CODING TABLE

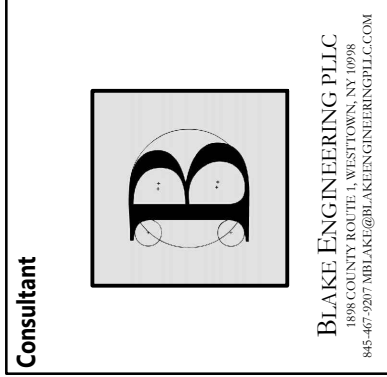
PHASE	WIRES	VOLTAGE	L1	L2	L3	NEUTRAL	GROUND
1	2 (1)	120	BLACK	-	-	WHITE	-
1	2 (1)	208	BLACK	RED	-	-	-
1	3	120	BLACK	-	-	WHITE	GREEN (2)
1	3	208	BLACK	RED	-	-	GREEN (2)
3	4	208	BLACK	RED	BLUE	-	GREEN (2)
3	5	208	BLACK	RED	BLUE	WHITE	GREEN (2)
1	3	277	BROWN	-	-	GRAY	GREEN (2)
1	3	480	BROWN	ORANGE	-	-	GREEN (2)
3	4	480	BROWN	ORANGE	YELLOW	-	GREEN (2)
3	5	480	BROWN	ORANGE	YELLOW	GRAY	GREEN (2)

- NOTES:
- FOR DOUBLE INSULATED EQUIPMENT ONLY.
 - GREEN/YELLOW MAY BE USED:
 - GREEN/YELLOW SHALL BE GREEN WITH ONE OR MORE YELLOW STRIPES.
 - GREEN = 50 TO 70%, YELLOW = 50 TO 30%.
 - GREEN/YELLOW IS THE ONLY COLOR INTERNATIONALLY ACCEPTED FOR USE AS AN EQUIPMENT GROUNDING CONDUCTOR.
 - GREEN OR GREEN/YELLOW MUST ONLY BE USED FOR GROUNDING CONDUCTORS.

DEVICE MOUNTING HEIGHTS

POWER RECEPTACLES (INTERIOR)	18\"/>
POWER RECEPTACLES (EXTERIOR)	36\"/>
POWER RECEPTACLES (@ COUNTER)	44\"/>
LIGHT SWITCHES	44\"/>
DISCONNECT SWITCHES	SEE NEC 404.8(A)
TELEPHONE/DATA RECEPTACLES	18\"/>
TELEPHONE/DATA RECEPTACLES (@ COUNTER)	44\"/>
WALL TELEPHONE RECEPTACLES	48\"/>
FIRE ALARM PULL STATIONS	42\"/>
FIRE ALARM AUDIO/VISUAL DEVICES	80\"/>
EXIT LIGHTS (WALL MOUNTED)	12\"/>
EMERGENCY LIGHTS (WALL MOUNTED)	90\"/>
TV & AV OUTLETS	18\"/>

NOTE: ALL DIMENSIONS ARE TO CENTER OF DEVICE UNLESS OTHERWISE NOTED



HIGHLAND CENTRAL SCHOOL DISTRICT
HIGHLAND ELEMENTARY SCHOOL
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 1

Project Title



DATE	DESCRIPTION

Drawn By: BJK
Checked By: 62-08-03-04-0-010-014
CSArch Proj. #: 197-2201.01
Issued for Bid: 8/18/23

SHEET TITLE
ELECTRICAL
NOTES, LEGEND,
DETAILS &
SCHEDULES

SHEET NO.
HES
E101

CONSTRUCTION DOCUMENTS

277/480V 3Ø 4W-G		BUS RATING: 250A										MLO
CONNECTED LOAD	CONDUCTORS	CKT BREAKER MVA CAP	POSITION	L1 kVA	L2 kVA	L3 kVA	POSITION	CKT BREAKER MVA CAP	CONDUCTORS	CONNECTED LOAD		
EXISTING LIGHTING	EXISTING WIRING	20	1	-	-	-	2	20	EXISTING WIRING	EXISTING LIGHTING		
EXISTING LIGHTING	EXISTING WIRING	20	3	-	-	-	4	20	EXISTING WIRING	EXISTING LIGHTING		
EXISTING LIGHTING	EXISTING WIRING	20	5	-	-	-	6	20	EXISTING WIRING	EXISTING LIGHTING		
EXISTING LIGHTING	EXISTING WIRING	20	7	-	-	-	8	20	EXISTING WIRING	EXISTING LIGHTING		
EXISTING LIGHTING	EXISTING WIRING	20	9	-	-	-	10	20	-	EXISTING SPARE		
EXISTING SPARE	-	20	11	-	-	-	12	20	-	EXISTING SPARE		
EXISTING SPARE	-	15	13	-	-	-	14	50	(3) #6 CU & (1) #6 GND.	PANEL LB VIA XFMR TB		
		15	15	-	-	-	16					
		17	17	-	-	-	18					
SPARE	-	20	19	-	-	-	20	20	-	SPARE		
SPARE	-	20	21	-	-	-	22	20	-	SPARE		
SPARE	-	20	23	-	-	-	24	20	-	SPARE		
SPARE	-	20	25	-	-	-	26	20	-	SPARE		
SPARE	-	20	27	-	-	-	28	20	-	SPARE		
SPARE	-	20	29	-	-	-	30	20	-	SPARE		
SQUARE D NF PANEL				-	-	-		-	kVA TOTAL			

1 Panelboard HB
E102 Scale: None

120/208V 3Ø 4W-G		BUS RATING: 100A						100A MAIN CIRCUIT BREAKER		
CONNECTED LOAD	CONDUCTORS	Ckt. BREAKER RATING	POSITION	L1 KVA	L2 KVA	L3 KVA	POSITION	Ckt. BREAKER CAPACITY	CONDUCTORS	CONNECTED LOAD
EXISTING LIGHTING	EXISTING WIRING	20	1	/	-	-	2	20	EXISTING WIRING	EXISTING RECEPTACLES
EXISTING LIGHTING	EXISTING WIRING	20	3	-	/	-	4	20	EXISTING WIRING	EXISTING RECEPTACLES
EXISTING RECEPTACLES	EXISTING WIRING	20	5	-	-	/	6	20	EXISTING WIRING	EXISTING RECEPTACLES
EXISTING UNIT VENTS	EXISTING WIRING	20	7	-	-	/	8	20	EXISTING WIRING	EXISTING RECEPTACLES
EXISTING UNIT VENTS	EXISTING WIRING	20	9	-	-	/	10	20	EXISTING WIRING	EXISTING HEATER
EXISTING HEATER	EXISTING WIRING	20	11	-	-	/	12	20	EXISTING WIRING	EXISTING FAN
EXISTING RECEPTACLES	EXISTING WIRING	20	13	-	-	/	14	20	EXISTING WIRING	EXISTING RECEPTACLES
EXISTING AC UNIT	EXISTING WIRING	15	15	-	-	/	16	20	EXISTING WIRING	EXISTING COPIER
		17	17	-	-	/	18	20		
RECEPTACLES	(2) #12 & (1) #12 GND.	20	19	-	-	/	20	20	(2) #12 & (1) #12 GND.	RECEPTACLES
RECEPTACLES	(2) #12 & (1) #12 GND.	20	21	-	-	/	22	20	(2) #12 & (1) #12 GND.	RECEPTACLES
SPARE	-	20	23	-	-	/	24	20	-	SPARE
SPARE	-	20	25	-	-	/	26	20	-	SPARE
SPARE	-	20	27	-	-	/	28	20	-	SPARE
SPARE	-	20	29	-	-	/	30	20	-	SPARE
SPARE	-	20	31	-	-	/	32	20	-	SPARE
SPARE	-	20	33	-	-	/	34	20	-	SPARE
SPARE	-	20	35	-	-	/	36	20	-	SPARE
SPARE	-	20	37	-	-	/	38	20	-	SPARE
SPARE	-	20	39	-	-	/	40	20	-	SPARE
SPARE	-	20	41	-	-	/	42	20	-	SPARE
SQUARE D NO PANEL								- KVA TOTAL		

4 Panelboard LB
E102 Scale: None

277/480V 3Ø 4W+G		BUS RATING: 125A										MLC	
CONNECTED LOAD	CONDUCTORS	CKT BREAKER MAX LOAD	POSITION	L1 kVA	L2 kVA	L3 kVA	POSITION	CKT BREAKER CAPACITY	CONDUCTORS	CONNECTED LOAD			
EXISTING LIGHTING	EXISTING WIRING	20	1	-	-	-	2	20	EXISTING WIRING	EXISTING LIGHTING			
EXISTING LIGHTING	EXISTING WIRING	20	3	-	-	-	4	20	EXISTING WIRING	EXISTING LIGHTING			
EXISTING LIGHTING	EXISTING WIRING	20	5	-	-	-	6	20	EXISTING WIRING	EXISTING LIGHTING			
EXISTING LIGHTING	EXISTING WIRING	20	7	-	-	-	8	20	EXISTING WIRING	EXISTING LIGHTING			
SPARE	-	20	9	-	-	-	10	20	-	SPARE			
SPARE	-	20	11	-	-	-	12	20	-	SPARE			
SPARE	-	20	13	-	-	-	14	20	-	SPARE			
SPARE	-	20	15	-	-	-	16	20	-	SPARE			
SPARE	-	20	17	-	-	-	18	20	-	SPARE			
SPARE	-	20	19	-	-	-	20	20	-	SPARE			
SPARE	-	20	21	-	-	-	22	20	-	SPARE			
SPARE	-	20	23	-	-	-	24	20	-	SPARE			
SPARE	-	20	25	-	-	-	26	20	-	SPARE			
SPARE	-	20	27	-	-	-	28	20	-	SPARE			
SPARE	-	20	29	-	-	-	30	20	-	SPARE			
SQUARE D NF PANEL				-	-	-	- kVA TOTAL						

7 Panelboard HDA
E102 Scale: None

277/480V 3Ø 4W+G			BUS RATING: 250A										MLO
CONNECTED LOAD	CONDUCTORS	CKT. BREAKER CAPACITY	POSITION	L1 kVA	L2 kVA	L3 kVA	POSITION	CKT. BREAKER CAPACITY	CONDUCTORS	CONNECTED LOAD			
EXISTING LIGHTING	EXISTING WIRING	20	1	-	-	-	2						
EXISTING LIGHTING	EXISTING WIRING	20	3	-	-	-	4	30	EXISTING WIRING	EXISTING AC-1			
EXISTING LIGHTING	EXISTING WIRING	20	5	-	-	-	6						
EXISTING LIGHTING	EXISTING WIRING	20	7	-	-	-	8	20	EXISTING WIRING	EXISTING LIGHTING			
EXISTING LIGHTING	EXISTING WIRING	20	9	-	-	-	10	20	EXISTING WIRING	EXISTING LIGHTING			
EXISTING LIGHTING	EXISTING WIRING	20	11	-	-	-	12	20	EXISTING WIRING	EXISTING LIGHTING			
EXISTING SPARE	-	20	13	-	-	-	14	20	EXISTING WIRING	EXISTING LIGHTING			
EXISTING LIGHTING	EXISTING WIRING	20	15	-	-	-	16	20	-	EXISTING SPARE			
EXISTING LIGHTING	EXISTING WIRING	20	17	-	-	-	18	20	EXISTING WIRING	EXISTING LIGHTING			
EXISTING GYM AHUS	EXISTING WIRING	20	19	-	-	-	20	50	(3) #6 CU & (1) #8 GND.	PANEL LC VIA XFMR TC			
		21	21	-	-	-	22						
		23	23	-	-	-	24						
		25	25	-	-	-	26	20	EXISTING WIRING	EXISTING LIGHTING			
EXISTING ELEVATOR	EXISTING WIRING	20	27	-	-	-	28	20	EXISTING WIRING	EXISTING LIGHTING			
		29	29	-	-	-	30	20	EXISTING WIRING	EXISTING LIGHTING			
SQUARE D NF PANEL				-	-	-		-	kVA TOTAL				

2 Panelboard HC
E102 Scale: None

20/208V 3Ø 4W+G				BUS RATING: 100A						100A MAIN CIRCUIT BREAKER			
CONNECTED LOAD	CONDUCTORS	CKT BREAKER CAPACITY	POSITION	L1 KVA	L2 KVA	L3 KVA	POSITION	CKT BREAKER CAPACITY	CONDUCTORS	CONNECTED LOAD			
EXISTING RECEPTACLES	EXISTING WIRING	20	1	/	/	/	2	20	EXISTING WIRING	EXISTING RECEPTACLES			
EXISTING RECEPTACLES	EXISTING WIRING	20	3	/	*	/	4	20	EXISTING WIRING	EXISTING RECEPTACLES			
EXISTING RECEPTACLES	EXISTING WIRING	20	5	/	*	/	6	20	EXISTING WIRING	EXISTING RECEPTACLES			
EXISTING RECEPTACLES	EXISTING WIRING	20	7	/	*	/	8	20	EXISTING WIRING	EXISTING RECEPTACLES			
EXISTING RECEPTACLES	EXISTING WIRING	20	9	/	*	/	10	20	EXISTING WIRING	EXISTING RECEPTACLES			
EXISTING FAN	EXISTING WIRING	20	11	/	*	/	12	20	EXISTING WIRING	EXISTING HEATER			
EXISTING FAN	EXISTING WIRING	20	13	/	*	/	14	20	EXISTING WIRING	EXISTING RECEPTACLES			
EXISTING FAN	EXISTING WIRING	20	15	/	*	/	16	20	EXISTING WIRING	EXISTING RECEPTACLES			
EXISTING TELEPHONE	EXISTING WIRING	20	17	/	*	/	18	20	EXISTING WIRING	EXISTING RECEPTACLES			
EXISTING RECEPTACLES	EXISTING WIRING	20	19	/	*	/	20						
EXISTING SPARE	-	20	21	/	*	/	22	20	EXISTING WIRING	EXISTING GYM DOORS			
		20	23	/	*	/	24						
SPARE	-	20	25	/	*	/	26	20	-	SPARE			
SPARE	-	20	27	/	*	/	28	20	-	SPARE			
SPARE	-	20	29	/	*	/	30	20	-	SPARE			
SPARE	-	20	31	/	*	/	32	20	-	SPARE			
SPARE	-	20	33	/	*	/	34	20	-	SPARE			
SPARE	-	20	35	/	*	/	36	20	-	SPARE			
SPARE	-	20	37	/	*	/	38	20	-	SPARE			
SPARE	-	20	39	/	*	/	40	20	-	SPARE			
SPARE	-	20	41	/	*	/	42	20	-	SPARE			
SQUARE D NO PANEL				-	-	-	- KVA TOTAL						

5 Panelboard LC
E102 Scale: None

20/20B/30 4W+G		BUS RATING: 100A										MLC	
CONNECTED LOAD	CONDUCTORS	CKT BREAKER AMPACITY	POSITION	L1 KVA	L2 KVA	L3 KVA	POSITION	CKT BREAKER AMPACITY	CONDUCTORS	CONNECTED LOAD			
EXISTING RECEPTACLES	EXISTING WIRING	20	1	-	-	-	2	20	EXISTING WIRING	EXISTING RECEPTACLES			
EXISTING RECEPTACLES	EXISTING WIRING	20	3	-	-	-	4	20	EXISTING WIRING	EXISTING RECEPTACLES			
EXISTING RECEPTACLES	EXISTING WIRING	20	5	-	-	-	6	20	EXISTING WIRING	EXISTING RECEPTACLES			
EXISTING RECEPTACLES	EXISTING WIRING	20	7	-	-	-	8	20	EXISTING WIRING	EXISTING RECEPTACLES			
EXISTING RECEPTACLES	EXISTING WIRING	20	9	-	-	-	10		EXISTING WIRING	EXISTING AC UNIT			
EXISTING RECEPTACLES	EXISTING WIRING	20	11	-	-	-	12						
EXISTING RECEPTACLES	EXISTING WIRING	20	13	-	-	-	14	20	(2) #12 & (1) #12 GND.	RECEPTACLES			
EXISTING COPIER	EXISTING WIRING	20	15	-	-	-	16	20	(2) #12 & (1) #12 GND.	RECEPTACLES			
		20	17	-	-	-	18	20	(2) #12 & (1) #12 GND.	RECEPTACLES			
RECEPTACLES	(2) #12 & (1) #12 GND.	20	19	-	-	-	20	20	-	SPARE			
SPARE	-	20	21	-	-	-	22	20	-	SPARE			
SPARE	-	20	23	-	-	-	24	20	-	SPARE			
SPARE	-	20	25	-	-	-	26	20	-	SPARE			
SPARE	-	20	27	-	-	-	28	20	-	SPARE			
SPARE	-	20	29	-	-	-	30	20	-	SPARE			
SPARE	-	20	31	-	-	-	32	20	-	SPARE			
SPARE	-	20	33	-	-	-	34	20	-	SPARE			
SPARE	-	20	35	-	-	-	36	20	-	SPARE			
SPARE	-	20	37	-	-	-	38	20	-	SPARE			
SPARE	-	20	39	-	-	-	40	20	-	SPARE			
SPARE	-	20	41	-	-	-	42	20	-	SPARE			
SQUARE D NO PANEL				-	-	-	-	KVA TOTAL					

8 Panelboard LDA
E102 Scale: None

277/480V 3 4W-G		BUS RATING: 250A										ML	
CONNECTED LOAD	CONDUCTORS	CKT BREAKER AMPACITY	POSITION	L1 KVA	L2 KVA	L3 KVA	POSITION	CKT BREAKER AMPACITY	CONDUCTORS	CONNECTED LOAD			
EXISTING LIGHTING	EXISTING WIRING	20	1	-	-	-	2	20	EXISTING WIRING	EXISTING LIGHTING			
EXISTING LIGHTING	EXISTING WIRING	20	3	-	-	-	4	20	EXISTING WIRING	EXISTING LIGHTING			
EXISTING LIGHTING	EXISTING WIRING	20	5	-	-	-	6	20	EXISTING WIRING	EXISTING LIGHTING			
EXISTING LIGHTING	EXISTING WIRING	20	7	-	-	-	8	20	-	EXISTING SPARE			
EXISTING SPARE	-	20	9	-	-	-	10	20	EXISTING WIRING	EXISTING LIGHTING			
PANEL HDA	(4) #3 & (1) #8 GND.	100	11	-	-	-	12	50	(3) #4 CU & (1) #8 GND.	PANEL LD VIA XFMR TD			
			13	-	-	-	14						
			15	-	-	-	16						
SPARE	-	20	17	-	-	-	18	20	-	SPARE			
SPARE	-	20	19	-	-	-	20	20	-	SPARE			
SPARE	-	20	21	-	-	-	22	20	-	SPARE			
SPARE	-	20	23	-	-	-	24	20	-	SPARE			
SPARE	-	20	25	-	-	-	26	20	-	SPARE			
SPARE	-	20	27	-	-	-	28	20	-	SPARE			
SPARE	-	20	29	-	-	-	30	20	-	SPARE			
SQUARE D NF PANEL				-	-	-	-	KVA TOTAL					

3 Panelboard HD
E102 Scale: None

220/208V 3Ø 4W-G			BUS RATING: 225A						150A MAIN CIRCUIT BREAKER	
CONNECTED LOAD	CONDUCTORS	CKT. BREAKER CAPACITY	POSITION	L1 KVA	L2 KVA	L3 KVA	POSITION	CKT. BREAKER CAPACITY	CONDUCTORS	CONNECTED LOAD
EXISTING RECEPTACLES	EXISTING WIRING	20	1	-	-	-	2	20	EXISTING WIRING	EXISTING RECEPTACLES
EXISTING RECEPTACLES	EXISTING WIRING	20	3	-	-	-	4	20	EXISTING WIRING	EXISTING RECEPTACLES
EXISTING RECEPTACLES	EXISTING WIRING	20	5	-	-	-	6	20	EXISTING WIRING	EXISTING RECEPTACLES
EXISTING RECEPTACLES	EXISTING WIRING	20	7	-	-	-	8	20	EXISTING WIRING	EXISTING RECEPTACLES
EXISTING RECEPTACLES	EXISTING WIRING	20	9	-	-	-	10	20	EXISTING WIRING	EXISTING RECEPTACLES
EXISTING RECEPTACLES	EXISTING WIRING	20	11	-	-	-	12	20	EXISTING WIRING	EXISTING RECEPTACLES
PANEL LDA	(4) #3 & (1) #8 GND.	100	13	-	-	-	14	100	(4) #3 & (1) #8 GND.	PANEL LD-1
			15	-	-	-	16			
			17	-	-	-	18			
SPARE	-	20	19	-	-	-	20	20	-	SPARE
SPARE	-	20	21	-	-	-	22	20	-	SPARE
SPARE	-	20	23	-	-	-	24	20	-	SPARE
SPARE	-	20	25	-	-	-	26	20	-	SPARE
SPARE	-	20	27	-	-	-	28	20	-	SPARE
SPARE	-	20	29	-	-	-	30	20	-	SPARE
SPARE	-	20	31	-	-	-	32	20	-	SPARE
SPARE	-	20	33	-	-	-	34	20	-	SPARE
SPARE	-	20	35	-	-	-	36	20	-	SPARE
SPARE	-	20	37	-	-	-	38	20	-	SPARE
SPARE	-	20	39	-	-	-	40	20	-	SPARE
SPARE	-	20	41	-	-	-	42	20	-	SPARE
SQUARE D NO PANEL				-	-	-	- KVA TOTAL			

6 Panelboard LD
E102 Scale: None

220/208V 3Ø 4W+G		BUS RATING: 100A										ML	
CONNECTED LOAD	CONDUCTORS	CKT BREAKER AMPACTY	POSITION	L1 KVA	L2 KVA	L3 KVA	POSITION	CKT BREAKER AMPACTY	CONDUCTORS	CONNECTED LOAD			
EXISTING UNIT VENTS	EXISTING WIRING	20	1	-	-	-	2	20	EXISTING WIRING	EXISTING UNIT VENTS			
EXISTING UNIT VENTS	EXISTING WIRING	20	3	-	-	-	4	20	EXISTING WIRING	EXISTING UNIT VENTS			
EXISTING EX FANS	EXISTING WIRING	20	5	-	-	-	6	20	EXISTING WIRING	EXISTING UNIT VENTS			
EXISTING EX FANS	EXISTING WIRING	20	7	-	-	-	8	20	EXISTING WIRING	EXISTING UNIT VENTS			
EXISTING UNIT VENTS	EXISTING WIRING	20	9	-	-	-	10	20	EXISTING WIRING	EXISTING AC UNIT			
EXISTING UNIT VENTS	EXISTING WIRING	20	11	-	-	-	12	20	EXISTING WIRING	EXISTING AC UNIT			
EXISTING AC UNIT	EXISTING WIRING	20	13	-	-	-	14	20	EXISTING WIRING	EXISTING AC UNIT			
SPARE	-	20	15	-	-	-	16	20	-	SPARE			
SPARE	-	20	17	-	-	-	18	20	-	SPARE			
SPARE	-	20	19	-	-	-	20	20	-	SPARE			
SPARE	-	20	21	-	-	-	22	20	-	SPARE			
SPARE	-	20	23	-	-	-	24	20	-	SPARE			
SPARE	-	20	25	-	-	-	26	20	-	SPARE			
SPARE	-	20	27	-	-	-	28	20	-	SPARE			
SPARE	-	20	29	-	-	-	30	20	-	SPARE			
SPARE	-	20	31	-	-	-	32	20	-	SPARE			
SPARE	-	20	33	-	-	-	34	20	-	SPARE			
SPARE	-	20	35	-	-	-	36	20	-	SPARE			
SPARE	-	20	37	-	-	-	38	20	-	SPARE			
SPARE	-	20	39	-	-	-	40	20	-	SPARE			
SPARE	-	20	41	-	-	-	42	20	-	SPARE			
SQUARE D NO PANEL								- KVA TOTAL					

9 Panelboard LD-1
E102 Scale: None

277/480V 3Ø 4W+G				BUS RATING: 400A						MLO	
CONNECTED LOAD	CONDUCTORS	CKT. BREAKER AMPACITY	POSITION	L1 KVA	L2 KVA	L3 KVA	POSITION	CKT. BREAKER AMPACITY	CONDUCTORS	CONNECTED LOAD	
EXISTING WATER HEATER	EXISTING WIRING	20	3	-	-	-	2	20	EXISTING WIRING	EXISTING BOILER #2	
			5	-	-	-	4				
			7	-	-	-	6				
EXISTING BOILER #1	EXISTING WIRING	20	9	-	-	-	8	20	EXISTING WIRING	EXISTING PUMP	
			11	-	-	-	10				
			13	-	-	-	12				
EXISTING PUMP	EXISTING WIRING	20	15	-	-	-	14	20	EXISTING WIRING	EXISTING AIR COMP 1 & 2	
			17	-	-	-	16				
			19	-	-	-	18				
EXISTING REFRIG.	EXISTING WIRING	20	21	-	-	-	20	40	EXISTING WIRING	EXISTING PANEL ST-LTG	
			23	-	-	-	22				
			25	-	-	-	24				
EXISTING PUMP	EXISTING WIRING	20	27	-	-	-	26	20	EXISTING WIRING	EXISTING PUMP	
			29	-	-	-	28				
			31	-	-	-	30				
PANEL KH	(4) 4/0 & (1) #2 GND.	225	33	-	-	-	32	125	(3) #1 & (1) #6 GND.	PANEL LKA/LKB VIA XFMR	
			35	-	-	-	36				
SPARE	-		37	-	-	-	38	20	-	SPARE	
SPARE	-		39	-	-	-	40	20	-	SPARE	
SPARE	-		41	-	-	-	42	20	-	SPARE	
SQUARE D NF PANEL				-	-	-	- KVA TOTAL				

1 Panelboard BRH
E103 Scale: None

120/208V 3Ø 4W+G			BUS RATING: 100A						100A MAIN CIRCUIT BREAKER	
CONNECTED LOAD	CONDUCTORS	CKT. BREAKER AMPACITY	POSITION	L1 KVA	L2 KVA	L3 KVA	POSITION	CKT. BREAKER AMPACITY	CONDUCTORS	CONNECTED LOAD
EXISTING LIGHTING	EXISTING WIRING	20	1	-	-	-	2	20	EXISTING WIRING	EXISTING RECEPTACLES
EXISTING LIGHTING	EXISTING WIRING	20	3	-	-	-	4	20	EXISTING WIRING	EXISTING BOILER
EXISTING RECEPTACLES	EXISTING WIRING	20	5	-	-	-	6	20	EXISTING WIRING	EXISTING RECEPTACLES
EXISTING PANEL TC	EXISTING WIRING	20	7	-	-	-	8	20	EXISTING WIRING	EXISTING DOM. PUMP
EXISTING CONTACTOR	EXISTING WIRING	20	9	-	-	-	10	20	EXISTING WIRING	EXISTING DOM. PUMP
EXISTING TIME CLOCK	EXISTING WIRING	20	11	-	-	-	12	20	EXISTING WIRING	EXISTING PUMP
EXISTING RECEPTACLES	EXISTING WIRING	20	13	-	-	-	14	20	EXISTING WIRING	EXISTING EX FAN
			15	-	-	-	16	20	EXISTING WIRING	EXISTING LIGHTING
EXISTING OIL PUMP	EXISTING WIRING	20	17	-	-	-	18	20	EXISTING WIRING	EXISTING RECEPTACLES
SPARE	-		19	-	-	-	20	20	-	SPARE
SPARE	-		21	-	-	-	22	20	-	SPARE
SPARE	-		23	-	-	-	24	20	-	SPARE
SPARE	-		25	-	-	-	26	20	-	SPARE
SPARE	-		27	-	-	-	28	20	-	SPARE
SPARE	-		29	-	-	-	30	20	-	SPARE
SPARE	-		31	-	-	-	32	20	-	SPARE
SPARE	-		33	-	-	-	34	20	-	SPARE
SPARE	-		35	-	-	-	36	20	-	SPARE
SPARE	-		37	-	-	-	38	20	-	SPARE
SPARE	-		39	-	-	-	40	20	-	SPARE
SPARE	-		41	-	-	-	42	20	-	SPARE
SQUARE D NQ PANEL				-	-	-	- KVA TOTAL			

4 Panelboard BRL
E103 Scale: None

277/480V 3Ø 4W+G				BUS RATING: 250A						MLO	
CONNECTED LOAD	CONDUCTORS	20	1	L1 KVA	L2 KVA	L3 KVA	20	2	CONDUCTORS	CONNECTED LOAD	
EXISTING LIGHTING	EXISTING WIRING	20	1	-	-	-	2	20	EXISTING WIRING	EXISTING LIGHTING	
EXISTING LIGHTING	EXISTING WIRING	20	3	-	-	-	4	20	EXISTING WIRING	EXISTING LIGHTING	
EXISTING WATER HEATER	EXISTING WIRING	20	5	-	-	-	6	20	EXISTING WIRING	EXISTING LIGHTING	
			7	-	-	-	8				
EXISTING SPARE	-	20	9	-	-	-	10	20	EXISTING WIRING	EXISTING WATER HEATER	
			11	-	-	-	12				
			13	-	-	-	14				
EXISTING SPARE	-	20	15	-	-	-	16	20	EXISTING WIRING	EXISTING EX FAN	
			17	-	-	-	18				
			19	-	-	-	20				
EXISTING RANGE	EXISTING WIRING	20	21	-	-	-	22	40	EXISTING WIRING	EXISTING STEAMER	
			23	-	-	-	24				
			25	-	-	-	26				
EXISTING AHU	EXISTING WIRING	20	27	-	-	-	28	50	EXISTING WIRING	EXISTING STEAMER	
			29	-	-	-	30				
			31	-	-	-	32				
EXISTING LOAD	EXISTING WIRING	20	33	-	-	-	34	50	EXISTING WIRING	EXISTING LOAD	
			35	-	-	-	36				
SPARE	-	20	37	-	-	-	38	20	-	SPARE	
SPARE	-	20	39	-	-	-	40	20	-	SPARE	
SPARE	-	20	41	-	-	-	42	20	-	SPARE	
SQUARE D NF PANEL				-	-	-	- KVA TOTAL				

2 Panelboard KH
E103 Scale: None

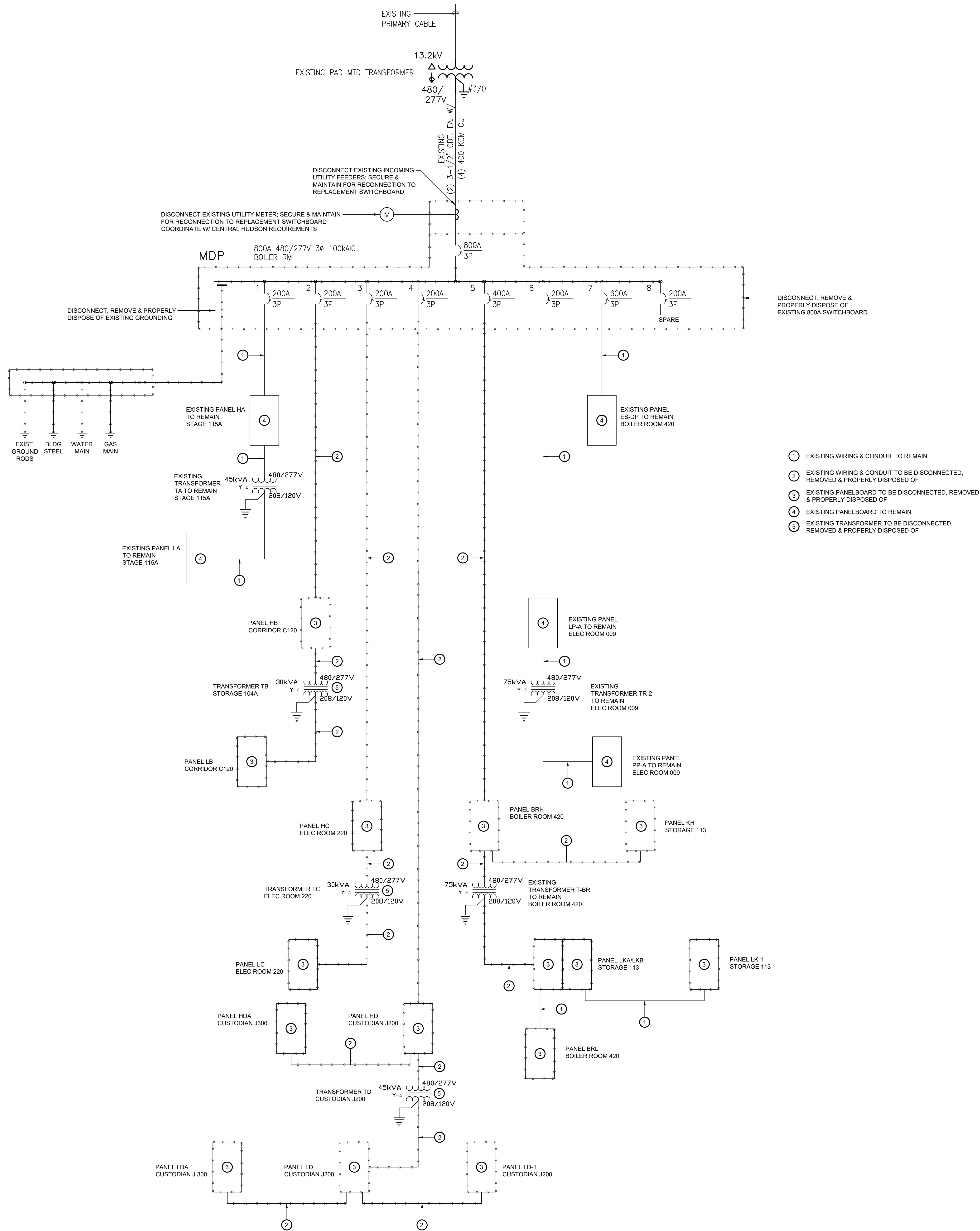
120/208V 3Ø 4W+G				BUS RATING: 225A						MLO	
CONNECTED LOAD	CONDUCTORS	CKT. BREAKER AMPACITY	POSITION	L1 KVA	L2 KVA	L3 KVA	POSITION	CKT. BREAKER AMPACITY	CONDUCTORS	CONNECTED LOAD	
				-	-	-					
EXISTING EX FAN	EXISTING WIRING	20	1	-	-	-	2	20	EXISTING WIRING	EXISTING HOOD LIGHTS	
EXISTING DISHWASHER	EXISTING WIRING	20	3	-	-	-	4	20	EXISTING WIRING	EXISTING RECEPTACLES	
EXISTING REFRIG.	EXISTING WIRING	20	5	-	-	-	6	20	EXISTING WIRING	EXISTING LIGHTS	
EXISTING RECEPTACLES	EXISTING WIRING	20	7	-	-	-	8	20	EXISTING WIRING	EXISTING LIGHTS	
EXISTING RECEPTACLES	EXISTING WIRING	20	9	-	-	-	10	20	EXISTING WIRING	EXISTING RECEPTACLES	
EXISTING RECEPTACLES	EXISTING WIRING	20	11	-	-	-	12	20	EXISTING WIRING	EXISTING RECEPTACLES	
EXISTING RECEPTACLES	EXISTING WIRING	20	13	-	-	-	14	20	EXISTING WIRING	EXISTING SUPPRESSION	
EXISTING RECEPTACLES	EXISTING WIRING	20	15	-	-	-	16	20	EXISTING WIRING	EXISTING WARMING UNIT	
EXISTING RECEPTACLES	EXISTING WIRING	20	17	-	-	-	18	20	EXISTING WIRING	EXISTING WARMING UNIT	
EXISTING RECEPTACLES	EXISTING WIRING	20	19	-	-	-	20	20	EXISTING WIRING	EXISTING RECEPTACLES	
EXISTING RECEPTACLES	EXISTING WIRING	20	21	-	-	-	22	20	EXISTING WIRING	EXISTING RECEPTACLES	
EXISTING RECEPTACLES	EXISTING WIRING	20	23	-	-	-	24	20	EXISTING WIRING	EXISTING RECEPTACLES	
EXISTING RECEPTACLES	EXISTING WIRING	20	25	-	-	-	26	20	EXISTING WIRING	EXISTING RECEPTACLES	
EXISTING RECEPTACLES	EXISTING WIRING	20	27	-	-	-	28	20	EXISTING WIRING	EXISTING RECEPTACLES	
EXISTING EX FAN	EXISTING WIRING	20	29	-	-	-	30	20	EXISTING WIRING	EXISTING RECEPTACLES	
SPARE	-	20	31	-	-	-	32	20	-	SPARE	
SPARE	-	20	33	-	-	-	34	20	-	SPARE	
SPARE	-	20	35	-	-	-	36	20	-	SPARE	
SPARE	-	20	37	-	-	-	38	20	-	SPARE	
SPARE	-	20	39	-	-	-	40	20	-	SPARE	
SPARE	-	20	41	-	-	-	42	20	-	SPARE	
SQUARE D NQ PANEL				-	-	-	- KVA TOTAL				

5 Panelboard LKA
E103 Scale: None

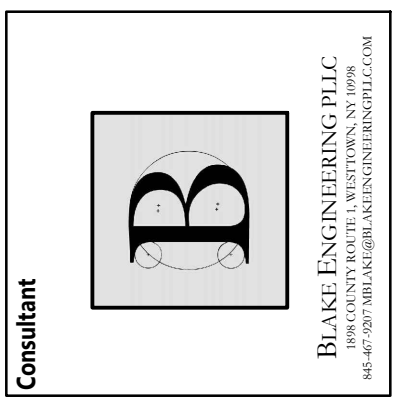
120/208V 3Ø 4W+G			BUS RATING: 100A						100A MAIN CIRCUIT BREAKER		
CONNECTED LOAD	CONDUCTORS	CKT. BREAKER AMPACITY	POSITION	L1 KVA	L2 KVA	L3 KVA	POSITION	CKT. BREAKER AMPACITY	CONDUCTORS	CONNECTED LOAD	
EXISTING RECEPTACLES	EXISTING WIRING	20	1	-	-	-	2	20	EXISTING WIRING	EXISTING RECEPTACLES	
EXISTING RECEPTACLES	EXISTING WIRING	20	3	-	-	-	4	20	EXISTING WIRING	EXISTING RECEPTACLES	
EXISTING RECEPTACLES	EXISTING WIRING	20	5	-	-	-	6	20	EXISTING WIRING	EXISTING RECEPTACLES	
EXISTING RECEPTACLES	EXISTING WIRING	20	7	-	-	-	8	20	EXISTING WIRING	EXISTING RECEPTACLES	
EXISTING RECEPTACLES	EXISTING WIRING	20	9	-	-	-	10	20	EXISTING WIRING	EXISTING RECEPTACLES	
SPARE	-		11	-	-	-	12	20	EXISTING WIRING	EXISTING AC UNIT	
SPARE	-		13	-	-	-	14	20			
SPARE	-		15	-	-	-	16	20	-	SPARE	
SPARE	-		17	-	-	-	18	20	-	SPARE	
SPARE	-		19	-	-	-	20	20	-	SPARE	
SPARE	-		21	-	-	-	22	20	-	SPARE	
SPARE	-		23	-	-	-	24	20	-	SPARE	
SPARE	-		25	-	-	-	26	20	-	SPARE	
SPARE	-		27	-	-	-	28	20	-	SPARE	
SPARE	-		29	-	-	-	30	20	-	SPARE	
SPARE	-		31	-	-	-	32	20	-	SPARE	
SPARE	-		33	-	-	-	34	20	-	SPARE	
SPARE	-		35	-	-	-	36	20	-	SPARE	
SPARE	-		37	-	-	-	38	20	-	SPARE	
SPARE	-		39	-	-	-	40	20	-	SPARE	
SPARE	-		41	-	-	-	42	20	-	SPARE	
SQUARE D NQ PANEL				-	-	-	- KVA TOTAL				

3 Panelboard LK-1
E103 Scale: None

120/208V 3Ø 4W+G			BUS RATING: 225A										MLO	
CONNECTED LOAD	CONDUCTORS	CKT. BREAKER AMPS	POSITION	L1 KVA	L2 KVA	L3 KVA	POSITION	CKT. BREAKER AMPS	CONDUCTORS	CONNECTED LOAD				
EXISTING PANEL LK-1	EXISTING WIRING	30	1	-	-	-	2	20	EXISTING WIRING	EXISTING COMP.				
			3	-	-	-	4	20	EXISTING WIRING	EXISTING WARMER				
			5	-	-	-	6	20	EXISTING WIRING	EXISTING WARMING UNIT				
EXISTING PANEL BRL	EXISTING WIRING	40	7	-	-	-	8	20	EXISTING WIRING	EXISTING WARMING UNIT				
			9	-	-	-	10	20	EXISTING WIRING	EXISTING WARMING UNIT				
			11	-	-	-	12	20	EXISTING WIRING	EXISTING WARMING UNIT				
EXISTING WARMER	EXISTING WIRING	30	13	-	-	-	14	20	EXISTING WIRING	EXISTING MIXER				
			15	-	-	-	16	20	EXISTING WIRING	EXISTING RECEPTACLES				
			17	-	-	-	18	20	EXISTING WIRING	EXISTING CORD DROP				
EXISTING PANEL SK	EXISTING WIRING	80	19	-	-	-	20	20	EXISTING WIRING	EXISTING RECEPTACLES				
			21	-	-	-	22	20	EXISTING WIRING	EXISTING RECEPTACLES				
			23	-	-	-	24	20	EXISTING WIRING	EXISTING RECEPTACLES				
EXISTING WARMER	EXISTING WIRING	20	25	-	-	-	26	20	EXISTING WIRING	EXISTING MAU				
			27	-	-	-	28	20	EXISTING WIRING	EXISTING MAU				
			29	-	-	-	30	20	EXISTING WIRING	EXISTING MAU				
SPARE	-	20	31	-	-	-	32	20	-	SPARE				
SPARE	-	20	33	-	-	-	34	20	-	SPARE				
SPARE	-	20	35	-	-	-	36	20	-	SPARE				
SPARE	-	20	37	-	-	-	38	20	-	SPARE				
SPARE	-	20	39	-	-	-	40	20	-	SPARE				
SPARE	-	20	41	-	-	-	42	20	-	SPARE				
SQUARE D NO PANEL				-	-	-	- KVA TOTAL							



1 Electrical One-Line Demolition Diagram
E104 Scale: None



HIGHLAND CENTRAL SCHOOL DISTRICT
HIGHLAND ELEMENTARY SCHOOL
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 1

Project Title



Expiration Date: 05-31-2025

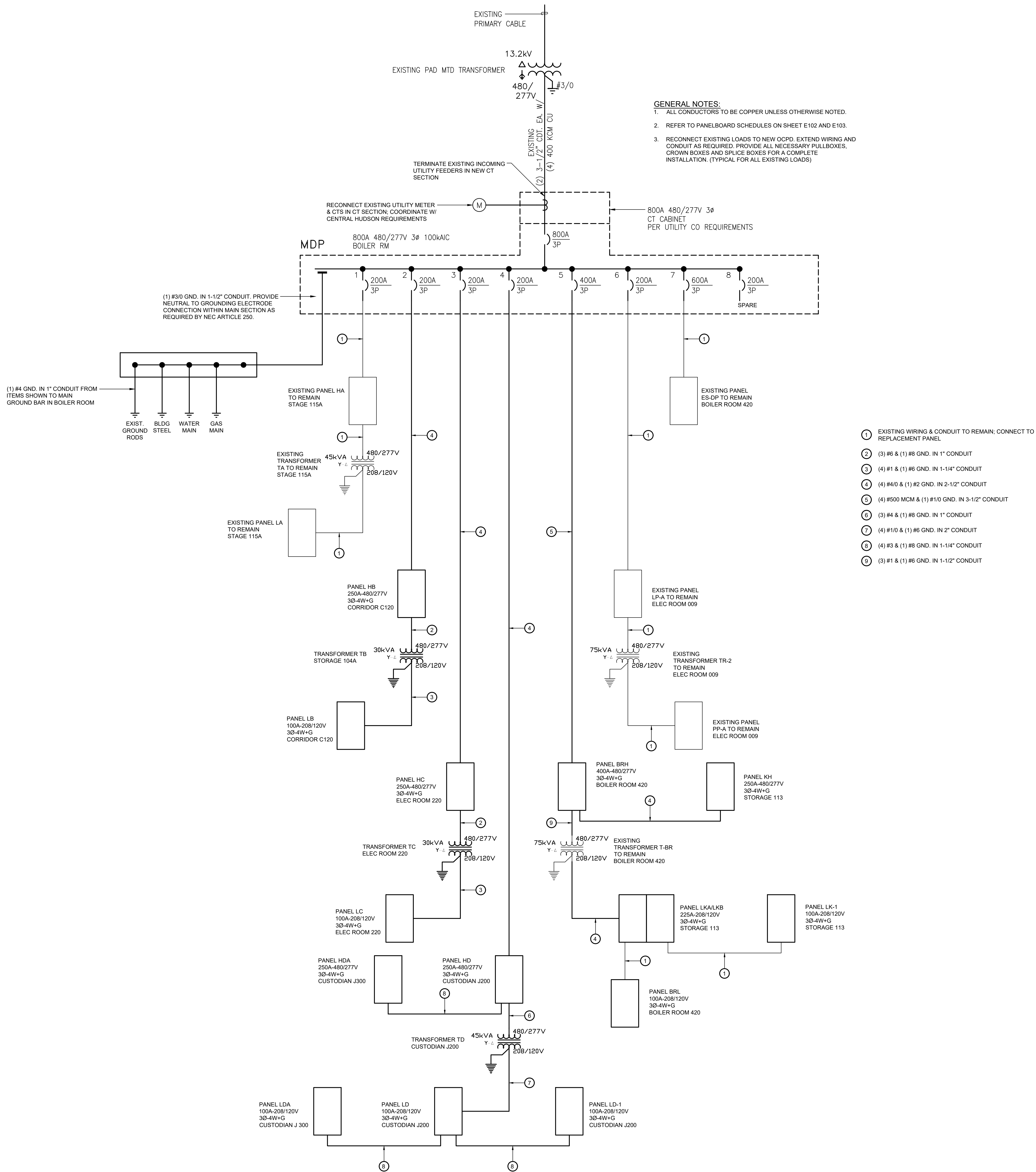
DATE	DESCRIPTION

Drawn By: SJK
Checked By: SJK
Proj. #: 62-08-03-04-0-010-014
CSArch Proj. #: 197-2201.01
Issued for Bid: 8/18/23

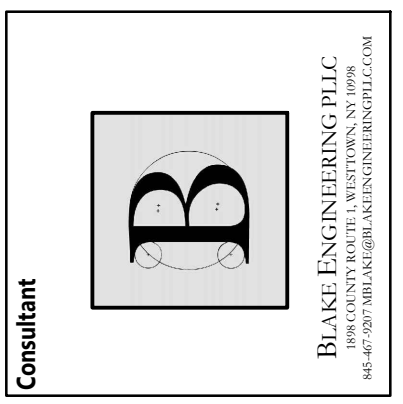
Sheet Title
**ELECTRICAL
ONE-LINE
DEMOLITION
DIAGRAM**

Sheet No.
**HES
E104**

CONSTRUCTION DOCUMENTS



1 Electrical One-Line Diagram
E105 Scale: None



HIGHLAND CENTRAL SCHOOL DISTRICT
HIGHLAND ELEMENTARY SCHOOL
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 1

Project Title



Expiration Date: 05-31-2025

DATE	DESCRIPTION

Drawn By: SJK
Checked By: SJK
Proj. #: 62-08-03-04-0-010-014
CSArch Proj. #: 197-2201.01
Issued for Bid: 8/18/23

Sheet Title

ELECTRICAL
ONE-LINE
DIAGRAM

Sheet No.

HES
E105

CONSTRUCTION DOCUMENTS

1. IN ALL AREAS WITH EXISTING CEILINGS TO REMAIN, ELECTRICAL CONTRACTOR IS RESPONSIBLE TO REMOVE AND REINSTALL CEILING TILES AND GRID AS NECESSARY TO COMPLETE REMOVAL AND INSTALLATION OF LIGHTING, WIRING, CONDUIT, JUNCTION BOXES, ETC.
2. IN AREAS WHERE EXISTING CEILINGS ARE TO REMAIN AND LIGHTING IS TO BE REPLACED, PERFORM THE FOLLOWING SCOPE: DISCONNECT, REMOVE & PROPERLY DISPOSE OF EXISTING LIGHT FIXTURES AND ASSOCIATED COMPONENTS INCLUDING HANGERS AND WIRING/CONDUIT. REMOVE ALL WIRING BACK TO SWITCHES AND DISCONNECTS. REMOVE AND PROPERLY DISPOSE OF EXISTING LIGHT SWITCHES AND COVER PLATES. MAINTAIN EXISTING BOX, CONDUIT AND CIRCUIT FOR RECONNECTION TO REPLACEMENT SWITCH.

CSARCH

BLAKE ENGINEERING PLLC
1499 COUNTY ROUTE 1, WESTTOWN, NY 10598
914-677-0877, WWW.BLAKEENGINEERINGPLLC.COM

2022 CAPITAL IMPROVEMENT PROJECT - PHASE 1

[illegible]

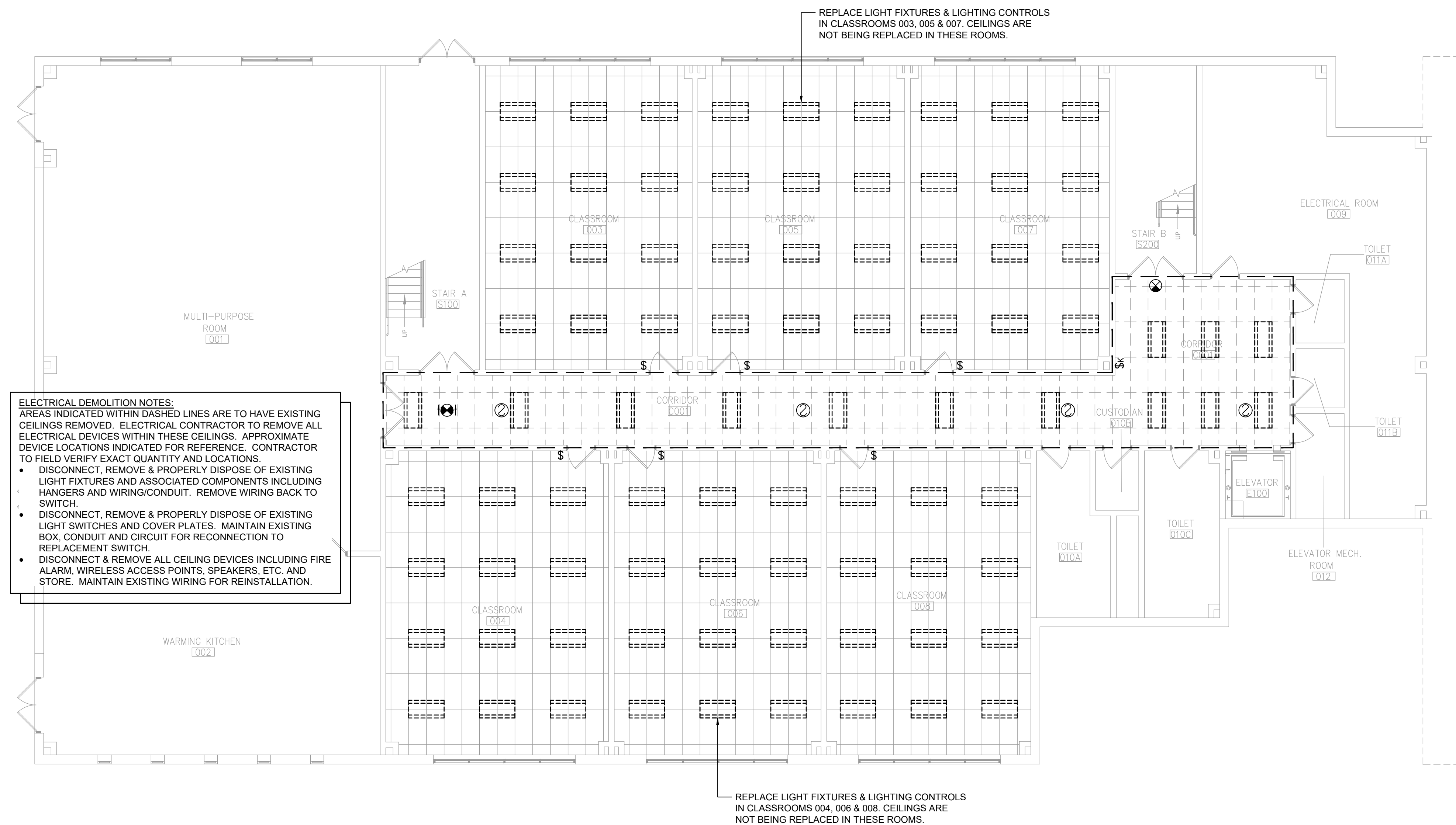
By:	8/18/2006
By:	8/18/2006
#:	62-08-03-04-0-010-0
Proj. #:	197-2201
For Bid:	8/18/2006

Title

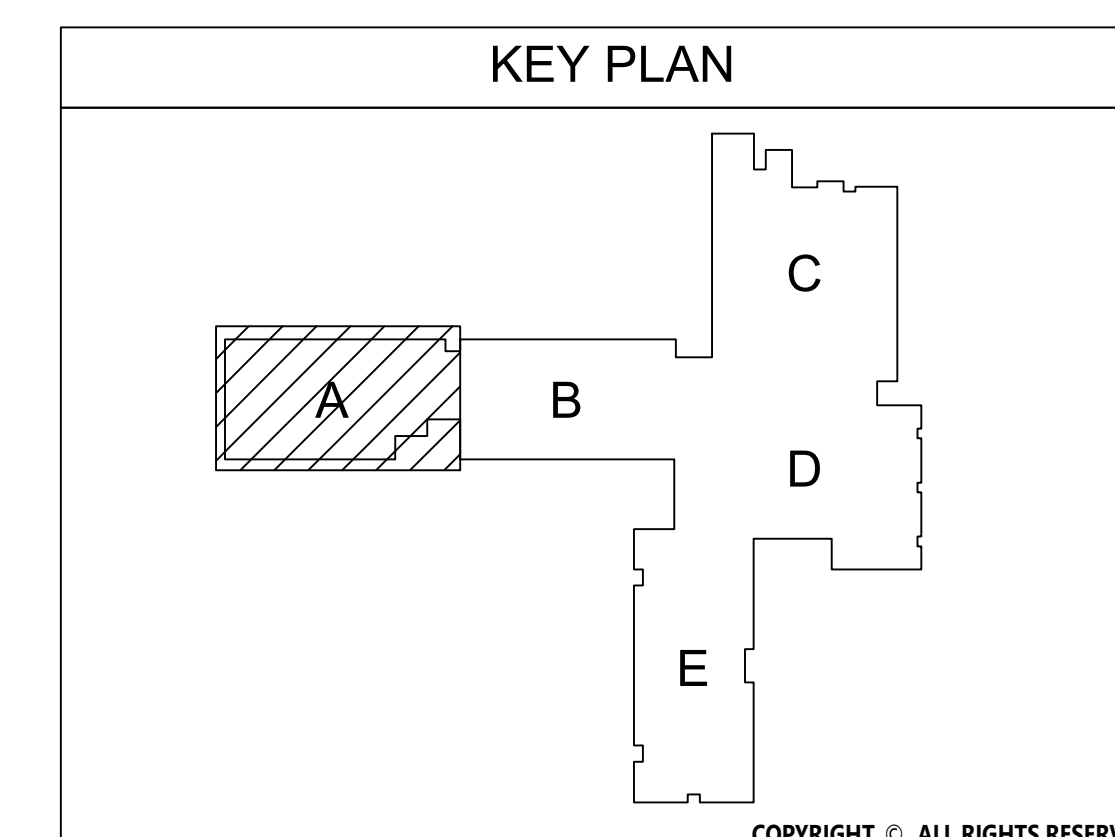
AREA A
GROUND FLOOR
LIGHTING
DEMOLITION
PLAN

No. HES
ED201

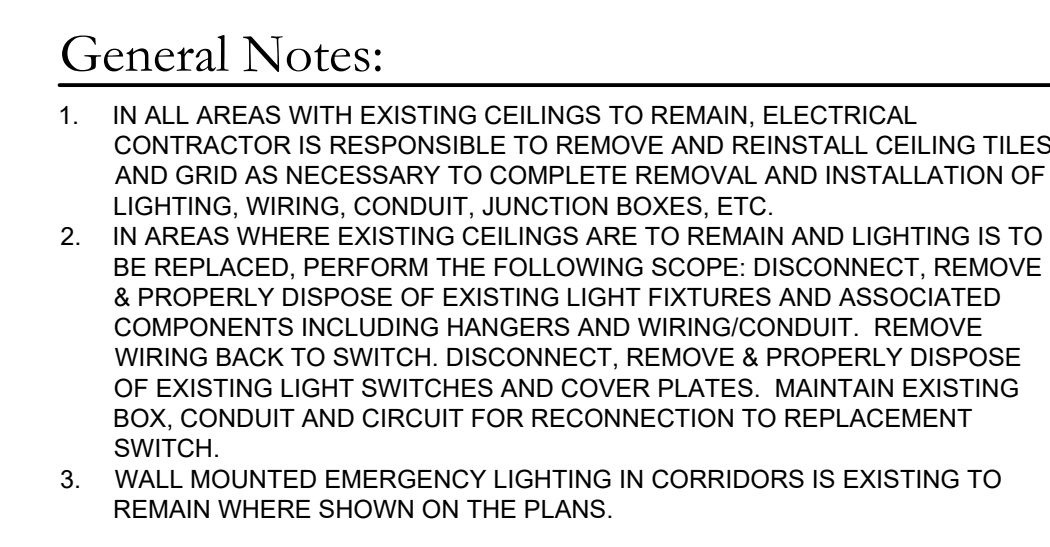
INSTRUCTION DOCUMENT:



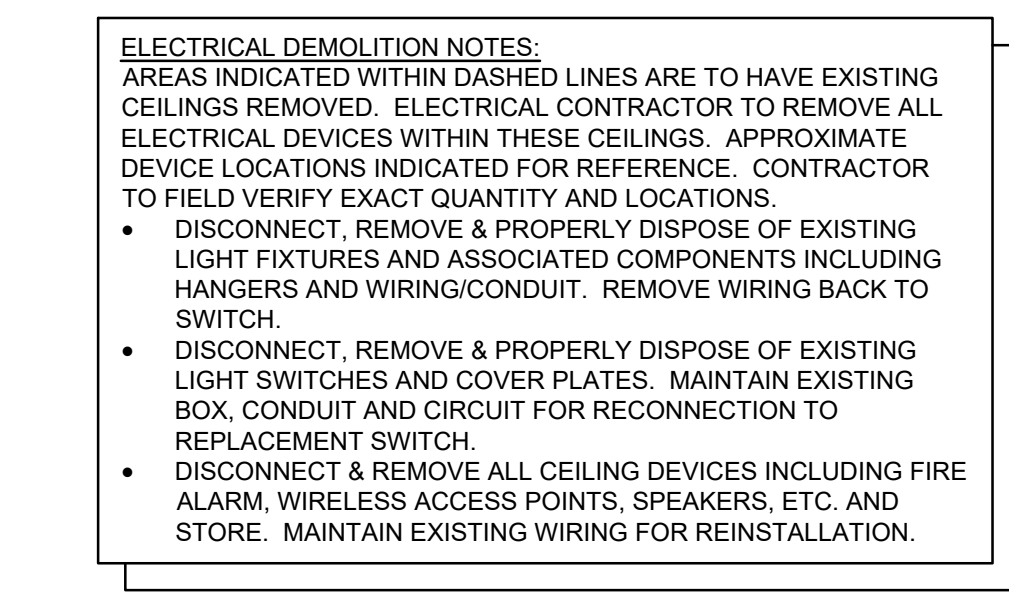
1 Area A Ground Floor Lighting Demolition Plan
ED201 Scale: 1/8" = 1'-0"



COPYRIGHT © ALL RIGHTS RESERVED



MATCHLINE - SEE 1/ED211 FOR CONTINUATION



MATCHLINE SEE 1/ED241 FOR CONTINUATION



1. IN ALL AREAS WITH EXISTING CEILINGS TO REMAIN, ELECTRICAL CONTRACTOR IS RESPONSIBLE TO REMOVE AND REINSTALL CEILING TILES AND GRID AS NECESSARY TO COMPLETE REMOVAL AND INSTALLATION OF LIGHTING, WIRING, CONDUIT, JUNCTION BOXES, ETC.
2. WALL MOUNTED EMERGENCY LIGHTING IN CORRIDORS IS EXISTING TO REMAIN WHERE SHOWN ON THE PLANS.

845-561-3179 www.csarchpc.com

CSARCH

1496 COUNTY ROUTE 11, WESTTOWN, NY 10998
609-467-7207 MRL AND ENGINEERING@MRLC.COM

HIGHLAND CENTRAL SCHOOL DISTRICT
HIGHLAND ELEMENTARY SCHOOL
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 1



Scale: 1/8" = 1'-0"



COPYRIGHT © ALL RIGHTS RESERVED

2022 CAPITAL IMPROVEMENT PROJECT - PHASE 1



Expiration Date: 05-31-2025

	DATE	DESCRIPTION

Drawn By:	BJK
Checked By:	BJK
Proj. #:	62-08-03-04-0-010-01
CSArch Proj. #:	197-2201.0
Issued for Bid:	8/18/23

Sheet Title

AREA E SECOND
FLOOR
LIGHTING
DEMOLITION
PLAN

Sheet No. HES
ED223

CONSTRUCTION DOCUMENTS

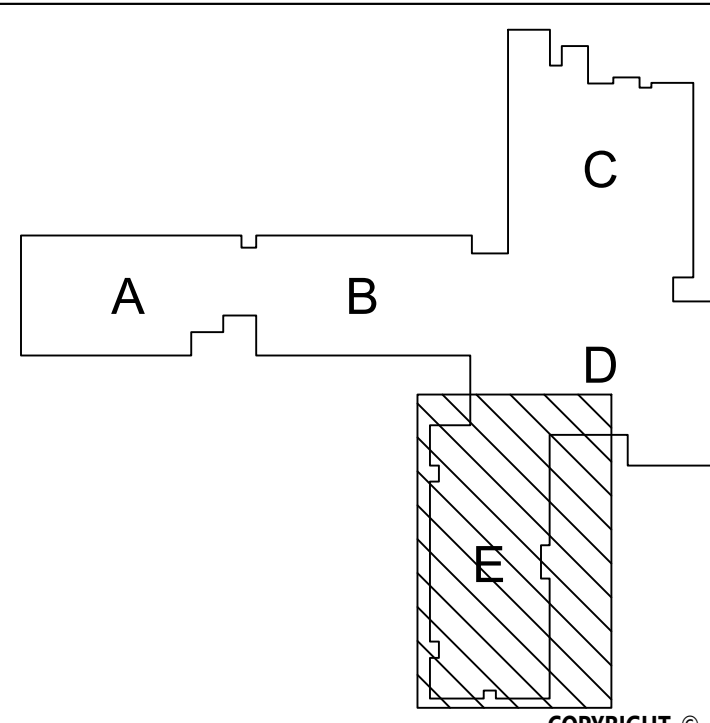
General Notes:

1. IN ALL AREAS WITH EXISTING CEILINGS TO REMAIN, ELECTRICAL CONDUIT/CEILING IS RESPONSIBLE TO REMOVE AND REINSTALL CEILING TILES AND GRID AS NECESSARY TO COMPLETE REMOVE AND INSTALLATION OF LIGHTING, WIRING, CONDUIT, JUNCTION BOXES, ETC.
2. IN AREAS WHERE EXISTING CEILINGS ARE TO REMAIN AND LIGHTING IS TO BE REPLACED, REPAIR OR REPLACE SCORING, DISCONNECT, REMOVE AND PROPERLY DISPOSE OF EXISTING LIGHT FIXTURES AND ASSOCIATED COMPONENTS INCLUDING HANGERS AND WIRING/CONDUIT. REMOVE WIRING BACK TO SWITCH, DISCONNECT, REMOVE AND PROPERLY DISPOSE OF EXISTING LIGHT SWITCHES AND COVER PLATES. MAINTAIN EXISTING BOX, CONDUIT AND CIRCUIT FOR RECONNECTION TO REPLACEMENT SWITCH.
3. WALL MOUNTED EMERGENCY LIGHTING IN CORRIDORS IS EXISTING TO REMAIN WHERE SHOWN ON THE PLANS.

ADD ALTERNATE NO. EC-04-001-ES

CEILINGS TO BE REPLACED IN CLASSROOM 301, 301A, 302, 311 & 312, PERFORM ASSOCIATED CEILING DEMOLITION AS DEFINED IN ELECTRICAL DEMOLITION NOTES

KEY PLAN

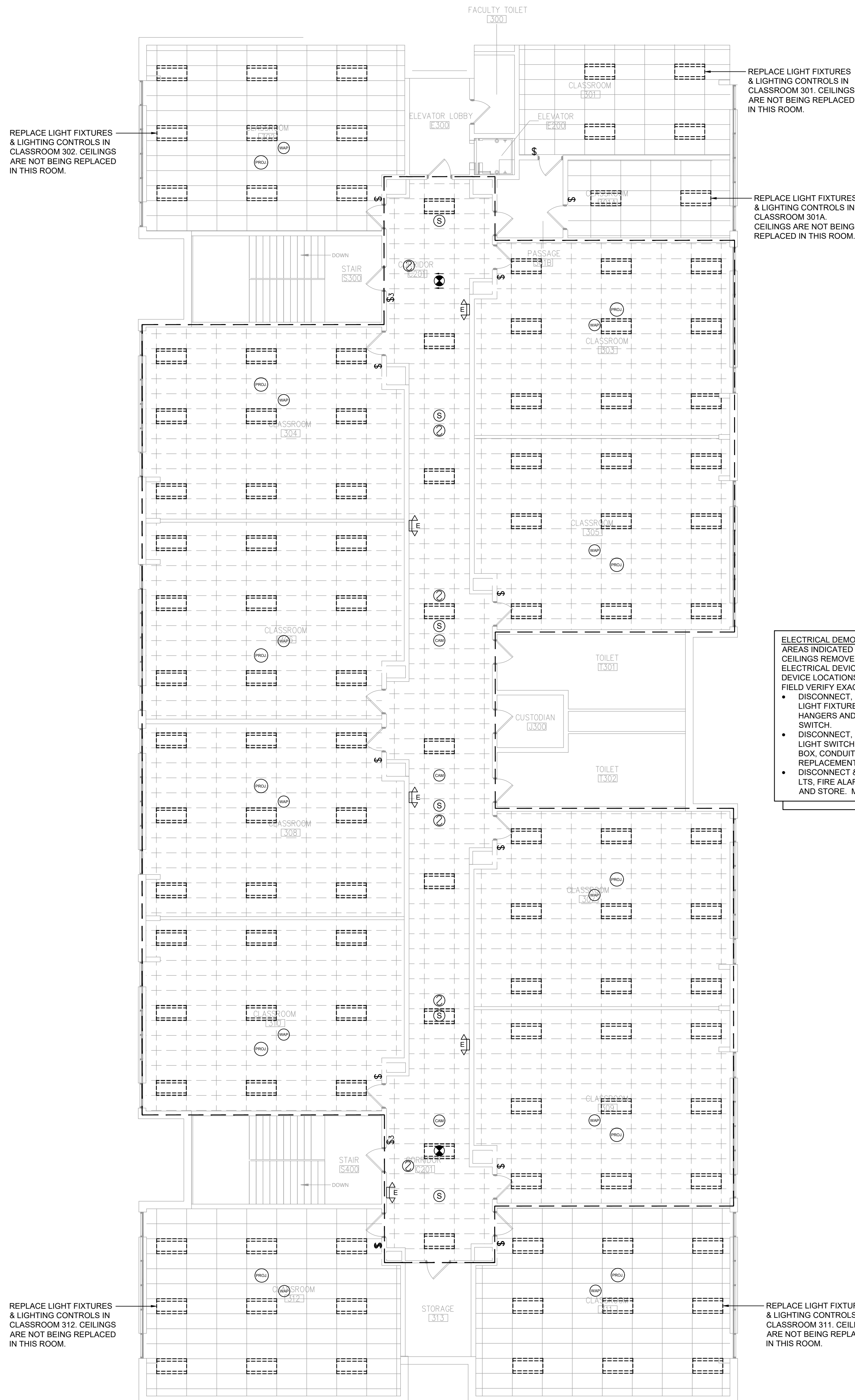


COPYRIGHT © ALL RIGHTS RESERVED

1
ED223

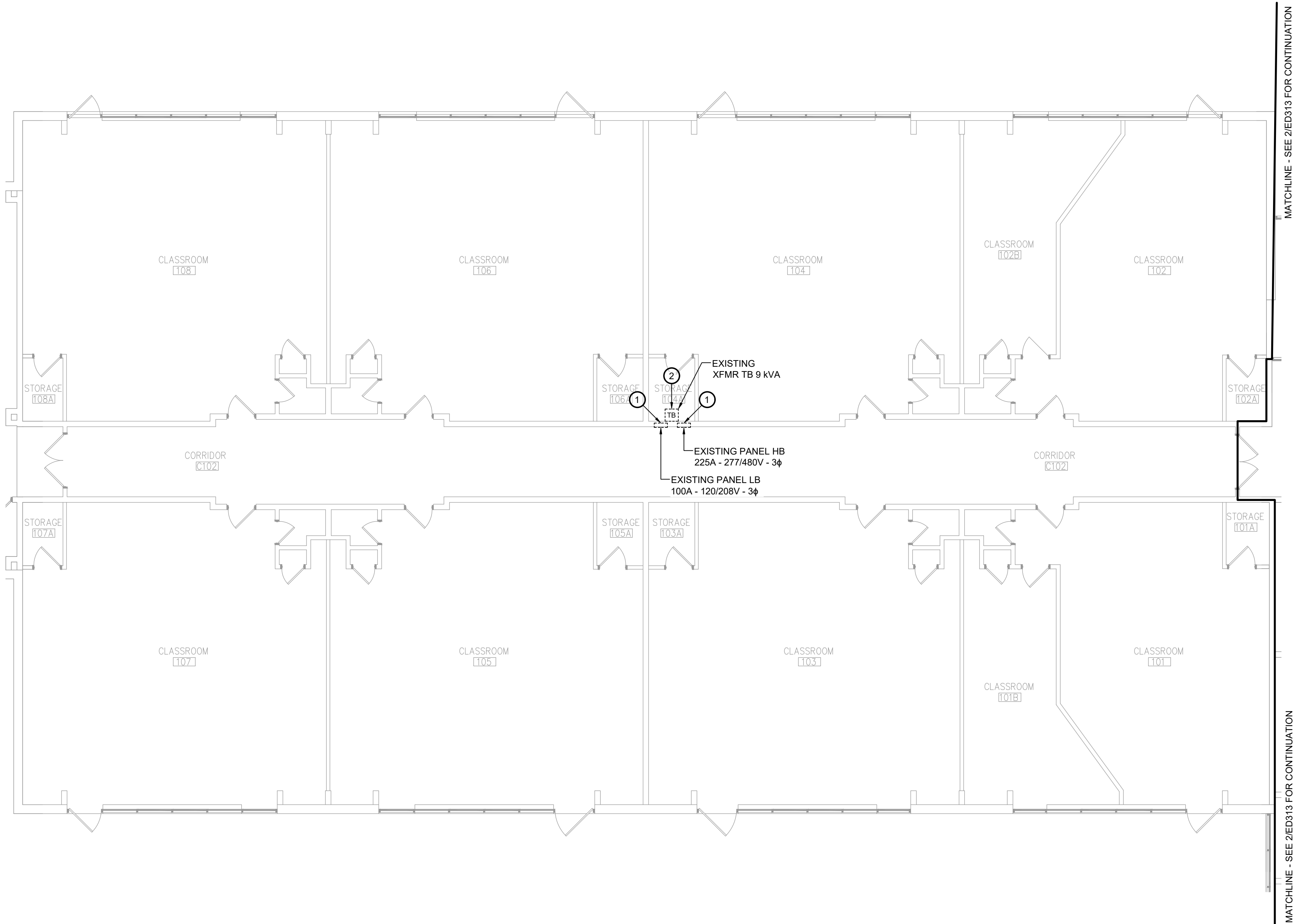
Area E Second Floor Lighting Demolition Plan

Scale: 1/8" = 1'-0"



ELECTRICAL DEMOLITION NOTES:
AREAS INDICATED WITHIN DASHED LINES ARE TO HAVE EXISTING CEILINGS REMOVED. ELECTRICAL CONTRACTOR TO REMOVE ALL ELECTRICAL DEVICES WITHIN THESE CEILINGS. APPROXIMATE DEVICE LOCATION AND REFERENCE. CONTRACTOR TO FIELD VERIFY EXACT QUANTITY AND LOCATIONS.

- DISCONNECT, REMOVE & PROPERLY DISPOSE OF EXISTING LIGHT FIXTURES AND ASSOCIATED COMPONENTS INCLUDING HANGERS AND WIRING/CONDUIT. REMOVE WIRING BACK TO SWITCH.
- DISCONNECT, REMOVE & PROPERLY DISPOSE OF EXISTING LIGHT SWITCHES AND COVER PLATES. MAINTAIN EXISTING BOX, CONDUIT AND CIRCUIT FOR RECONNECTION TO REPLACEMENT SWITCH.
- DISCONNECT & REMOVE ALL CEILING DEVICES INCLUDING EXIT SIGNS, FIRE ALARM, WIRELESS ACCESS POINTS, SPEAKERS, ETC. AND STORE. MAINTAIN EXISTING WIRING FOR REINSTALLATION.



1 Area B First Floor Electrical Demolition Plan
ED311 Scale: 1/8" = 1'-0"

General Notes:

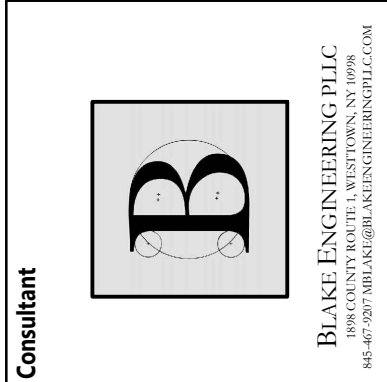
- IN ALL AREAS WITH EXISTING CEILINGS TO REMAIN, ELECTRICAL CONTRACTOR IS RESPONSIBLE TO REMOVE AND REINSTALL CEILING TILES AND GRID AS NECESSARY TO COMPLETE REMOVAL AND INSTALLATION OF LIGHTING, WIRING, CONDUIT, JUNCTION BOXES, ETC.
- PRIOR TO REPLACEMENT OF ELECTRICAL PANELS, PERFORM FIELD WORK TO DETERMINE QUANTITIES, SIZES AND RATINGS OF ALL EXISTING BRANCH CIRCUIT BREAKERS. PROVIDE REPLACEMENT PANELS WITH SAME BREAKER CONFIGURATION FOR THE EXISTING BRANCH CIRCUITS.
- MAINTAIN ALL EXISTING BRANCH CIRCUITS. MODIFY AS NECESSARY TO EXTEND EXISTING CIRCUITRY AND CONNECT TO REPLACEMENT PANELS.

Key Notes:

- DISCONNECT, REMOVE & PROPERLY DISPOSE OF EXISTING DISTRIBUTION PANEL. MAINTAIN EXISTING DISTRIBUTION WIRING FOR CONNECTION TO REPLACEMENT PANEL. REFER TO ONE-LINE DIAGRAM FOR INSTRUCTIONS FOR EXISTING CONDUITS AND FEEDERS
- DISCONNECT, REMOVE & PROPERLY DISPOSE OF EXISTING TRANSFORMER. REFER TO ONE-LINE DIAGRAM FOR INSTRUCTIONS FOR EXISTING CONDUITS AND FEEDERS

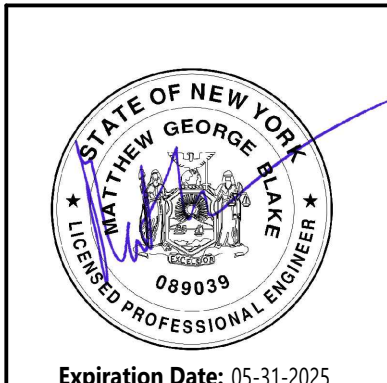
19 Front St., Newburgh, New York 12550-7601
845-561-3179 www.csarchp.c.c.o.m

CSARCH



HIGHLAND CENTRAL SCHOOL DISTRICT
HIGHLAND ELEMENTARY SCHOOL
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 1

Project Title



DATE	DESCRIPTION

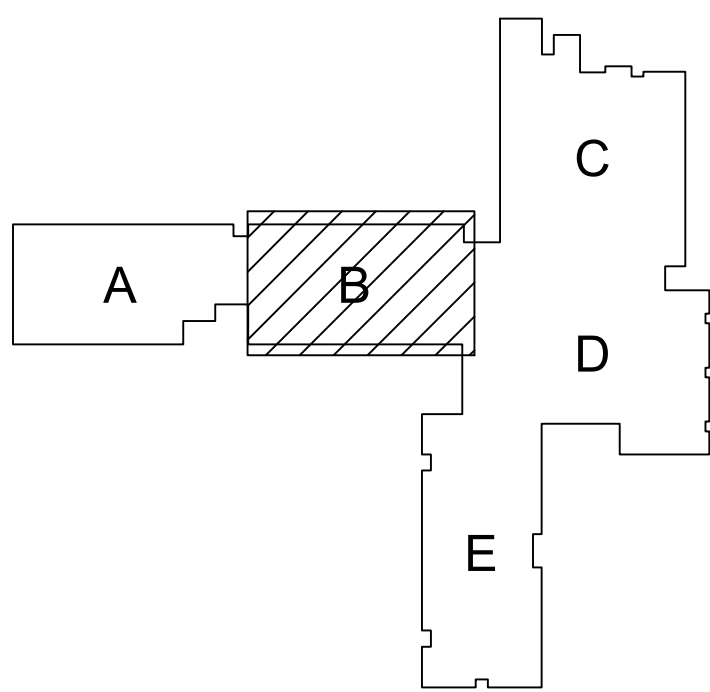
Drawn By: BJK
Checked By: 62-08-03-04-0-010-014
Proj. #: 197-2201.01
CSArch Proj. #: 8/18/23
Issued for Bid:

Sheet Title
AREA B FIRST FLOOR ELECTRICAL DEMOLITION PLAN

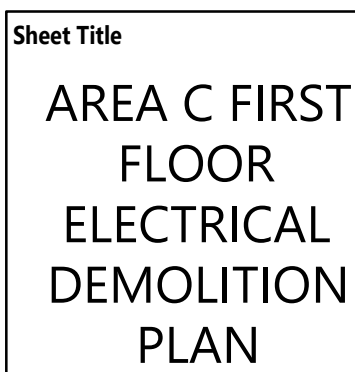
Sheet No.
HES
ED311

CONSTRUCTION DOCUMENTS

KEY PLAN



COPYRIGHT © ALL RIGHTS RESERVED



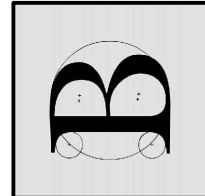
Sheet No. HES
ED312

CONSTRUCTION DOCUMENT

1. IN ALL AREAS WITH EXISTING CEILINGS TO REMAIN, ELECTRICAL CONTRACTOR IS RESPONSIBLE TO REMOVE AND REINSTATE CEILING LIGHTING NECESSARY TO MAINTAIN EXISTING LIGHTING AND INSTALLATION LIGHTING, WIRING, CONDUIT, JUNCTION BOXES, ETC.
2. PRIOR TO REPLACEMENT OF EXISTING PANELS, PERFORM FIELD WORK TO IDENTIFY EXISTING CIRCUITS AND LOCATIONS OF ALL EXISTING CIRCUIT BREAKERS. PROVIDE REPLACEMENT PANELS WITH A BRANCH CIRCUIT CONFIGURATION FOR THE EXISTING BRANCH CIRCUITS.
3. IDENTIFY EXISTING CIRCUITS AND LOCATIONS OF ALL EXISTING CIRCUIT BREAKERS. EXTEND EXISTING CIRCUITRY AND CONNECT TO REPLACEMENT PANELS.
4. PROVIDE A COMPLETE GROUNDING SYSTEM MEETING NEC ARTICLE 250 REQUIREMENTS AS PART OF SWITCHBOARD REPLACEMENT. ELECTRICAL CONTRACTOR SHALL IDENTIFY EXISTING GROUNDING SYSTEM AND MODIFY/REPLACE AS NEEDED.
5. NEW SWITCHBOARD, CTs, METER, METERING SECTION AND INSTALLATION SHALL BE IN ACCORDANCE WITH ALL LOCAL AND NATIONAL CODES REQUIRED TO MEET THESE REQUIREMENTS (NOT DOCUMENTED). SHALL BE CONSIDERED AS PART OF THIS SCOPE OF WORK.
6. PROVIDE REPORT CIRCUIT AND COORDINATION STUDY FOR NEW SWITCHBOARD PER SPECIFICATIONS.

- ① DISCONNECT, REMOVE & PROPERLY DISPOSE OF EXISTING DISTRIBUTION PANEL. MAINTAIN EXISTING DISTRIBUTION WIRING FOR CONNECTION TO REPLACEMENT PANEL. REFER TO ONE-LINE DIAGRAM FOR INSTRUCTIONS FOR EXISTING CONDUITS AND FEEDERS
- ② DISCONNECT, REMOVE & PROPERLY DISPOSE OF EXISTING TRANSFORMER. REFER TO ONE-LINE DIAGRAM FOR INSTRUCTIONS FOR EXISTING CONDUITS AND FEEDERS
- ③ DISCONNECT, REMOVE & PROPERLY DISPOSE OF EXISTING SERVICE SWITCHBOARD. EXISTING BRANCH CIRCUITS AND FEEDERS SHALL BE RECONNECTED TO NEW SWITCHBOARD AS INDICATED. NEW SERVICE SWITCHBOARD SHALL BE LOCATED IN THE SAME LOCATION AS THE EXISTING BOARD.

Consultant



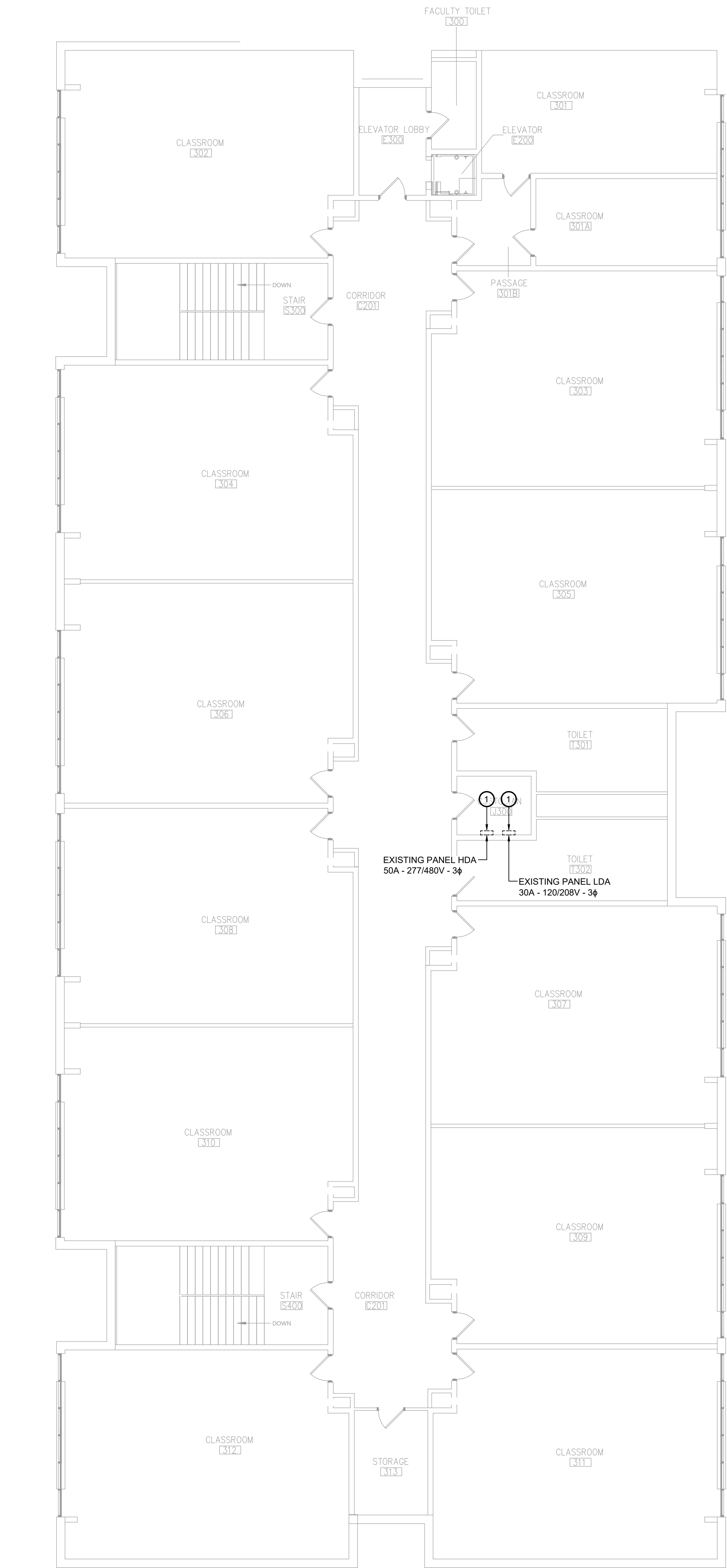
BLAKE ENGINEERING PLLC
1498 COUNTY ROUTE 11 WESTGLEN, NY 10988

19 Front St. · Newburgh · New York 12550-7601
845-561-3179 www.csarchpc.com

19 Front St. · Newburgh · New York 12550-7601
845-561-3179 www.csarchpc.com

CSARCH

HIGHLAND CENTRAL SCHOOL DISTRICT
HIGHLAND ELEMENTARY SCHOOL
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 1



1
ED323

Area E Second Floor Electrical Demolition Plan
Scale: 1/8" = 1'-0"

General Notes:

1. IN ALL AREAS WITH EXISTING CEILINGS TO REMAIN, ELECTRICAL CONTRACTOR IS RESPONSIBLE TO REMOVE AND REINSTALL CEILING TILES AND GRID AS NECESSARY TO COMPLETE REMOVAL AND INSTALLATION OF LIGHTING, WIRING, CONDUIT, JUNCTION BOXES, ETC.
2. PRIOR TO REPLACEMENT OF ELECTRICAL PANELS, PERFORM FIELD WORK TO DETERMINE QUANTITIES, SIZES AND RATINGS OF ALL EXISTING BRANCH CIRCUIT BREAKERS. PROVIDE REPLACEMENT PANELS WITH SAME BREAKER CONFIGURATION FOR THE EXISTING BRANCH CIRCUITS.
3. MAINTAIN ALL EXISTING BRANCH CIRCUITS. MODIFY AS NECESSARY TO EXTEND EXISTING CIRCUITRY AND CONNECT TO REPLACEMENT PANELS.

Key Notes:

- ① DISCONNECT, REMOVE & PROPERLY DISPOSE OF EXISTING DISTRIBUTION PANEL. MAINTAIN EXISTING DISTRIBUTION WIRING FOR CONNECTION TO REPLACEMENT PANEL. REFER TO ONE-LINE DIAGRAM FOR INSTRUCTIONS FOR EXISTING CONDUITS AND FEEDERS
- ② DISCONNECT, REMOVE & PROPERLY DISPOSE OF EXISTING TRANSFORMER. REFER TO ONE-LINE DIAGRAM FOR INSTRUCTIONS FOR EXISTING CONDUITS AND FEEDERS

KEY PLAN

COPYRIGHT © ALL RIGHTS RESERVED

19 Front St. · Newburgh · New York 12550-7601
845-561-3179 · www.csarchp.c.c.o.m

Consultant

BLAKE ENGINEERING PLLC
A CSARCH COMPANY
A PROFESSIONAL ENGINEERING FIRM

HIGHLAND CENTRAL SCHOOL DISTRICT
HIGHLAND ELEMENTARY SCHOOL
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 1

Project Title

Expiration Date: 05-31-2025

DATE	DESCRIPTION

Drawn By: BJK

Checked By: BJK

Proj. #: 62-08-03-04-0-010-014

CSArch Proj. #: 197-2201.01

Issued for Bid: 8/18/23

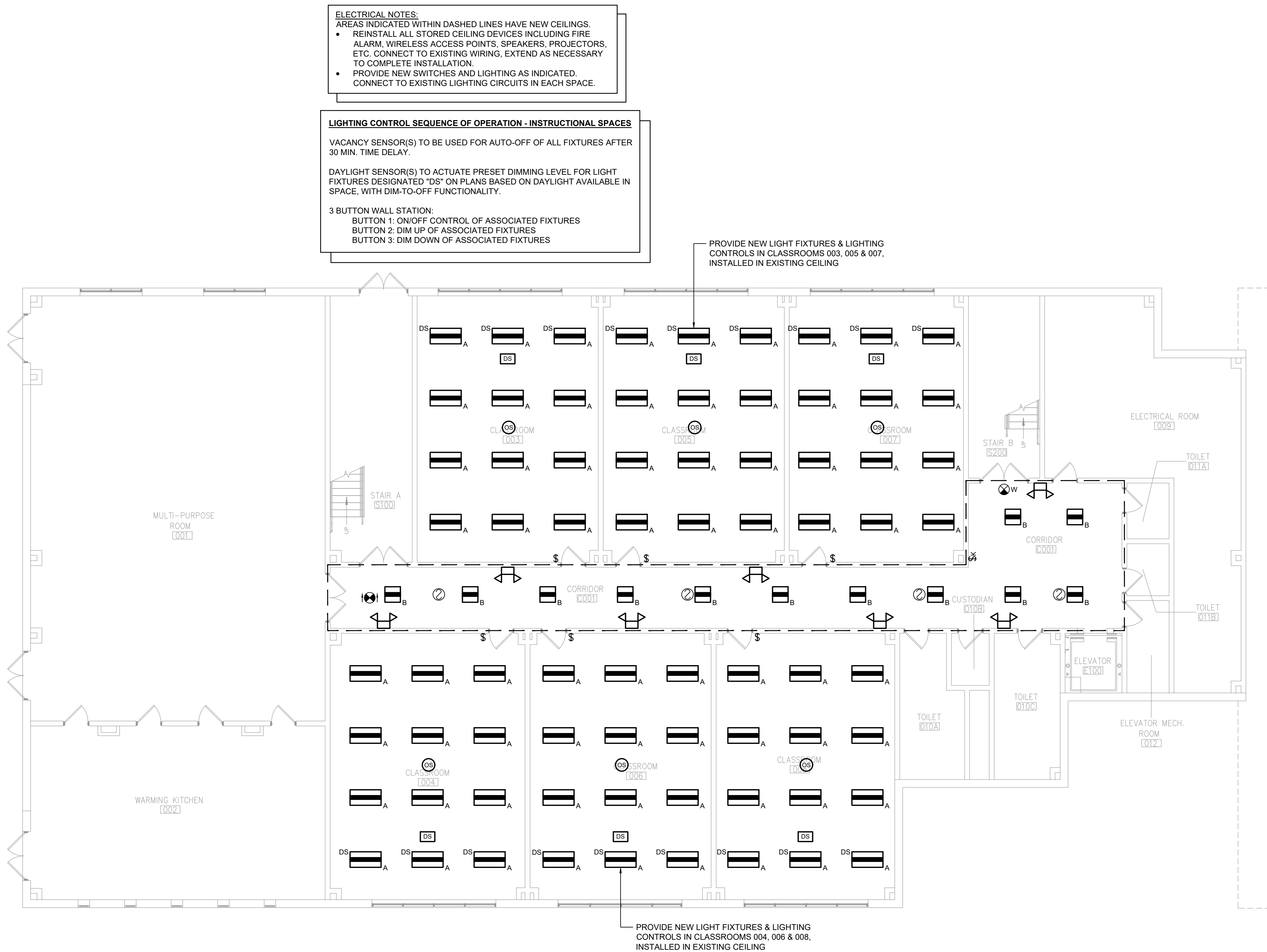
Sheet Title

AREA E SECOND FLOOR ELECTRICAL DEMOLITION PLAN

Sheet No.

HES ED323

CONSTRUCTION DOCUMENTS



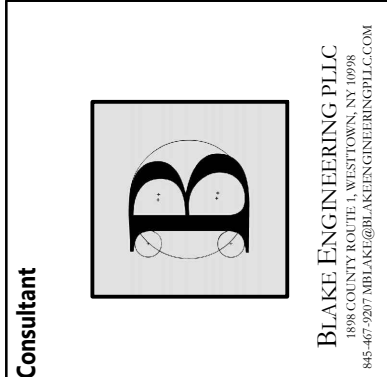
1 Area A Ground Floor Lighting Plan
E201 Scale: 1/8" = 1'-0"

General Notes:

1. IN ALL AREAS WITH EXISTING CEILINGS TO REMAIN, ELECTRICAL CONTRACTOR IS RESPONSIBLE TO REMOVE AND REINSTALL CEILING TILES AND GRID AS NECESSARY TO COMPLETE REMOVAL AND INSTALLATION OF LIGHTING, WIRING, CONDUIT, JUNCTION BOXES, ETC.
2. WALL MOUNTED EXIT LIGHTING IN CORRIDORS IS EXISTING TO REMAIN WHERE SHOWN ON THE PLANS. CONTRACTOR SHALL ADJUST PLACEMENT OF EXISTING FIXTURES IF NEEDED TO ACCOMMODATE CEILING REPLACEMENT.

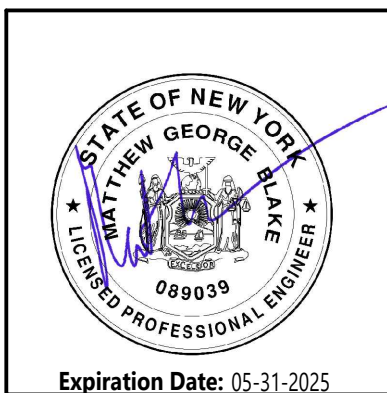
19 Front St. - Newburgh - New York 12550-7601
845-561-3179 www.csarchp.c.c.o.m

CSARCH



HIGHLAND CENTRAL SCHOOL DISTRICT
HIGHLAND ELEMENTARY SCHOOL
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 1

Project Title



DATE	DESCRIPTION

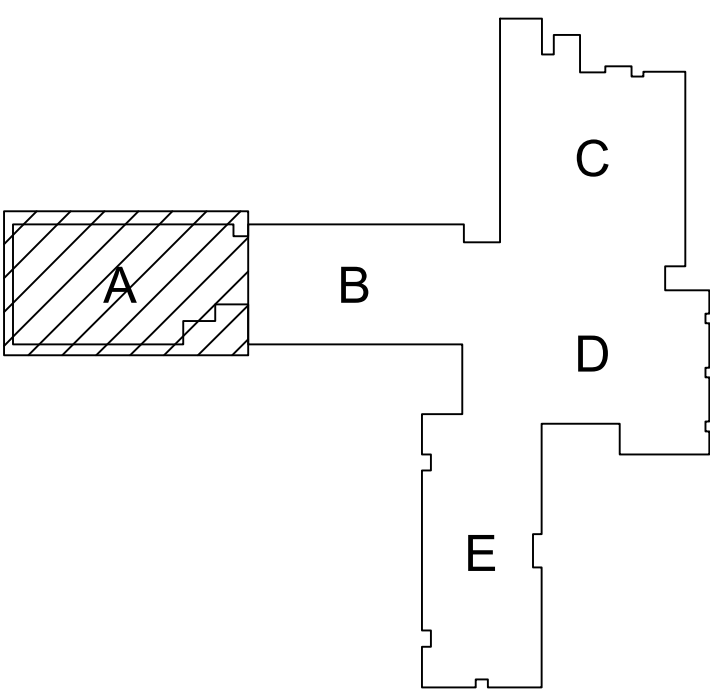
Drawn By: BJK
Checked By: BJK
Proj. #: 62-08-03-04-0-010-014
CSArch Proj. #: 197-2201.01
Issued for Bid: 8/18/23

Sheet Title
AREA A
GROUND FLOOR
LIGHTING PLAN

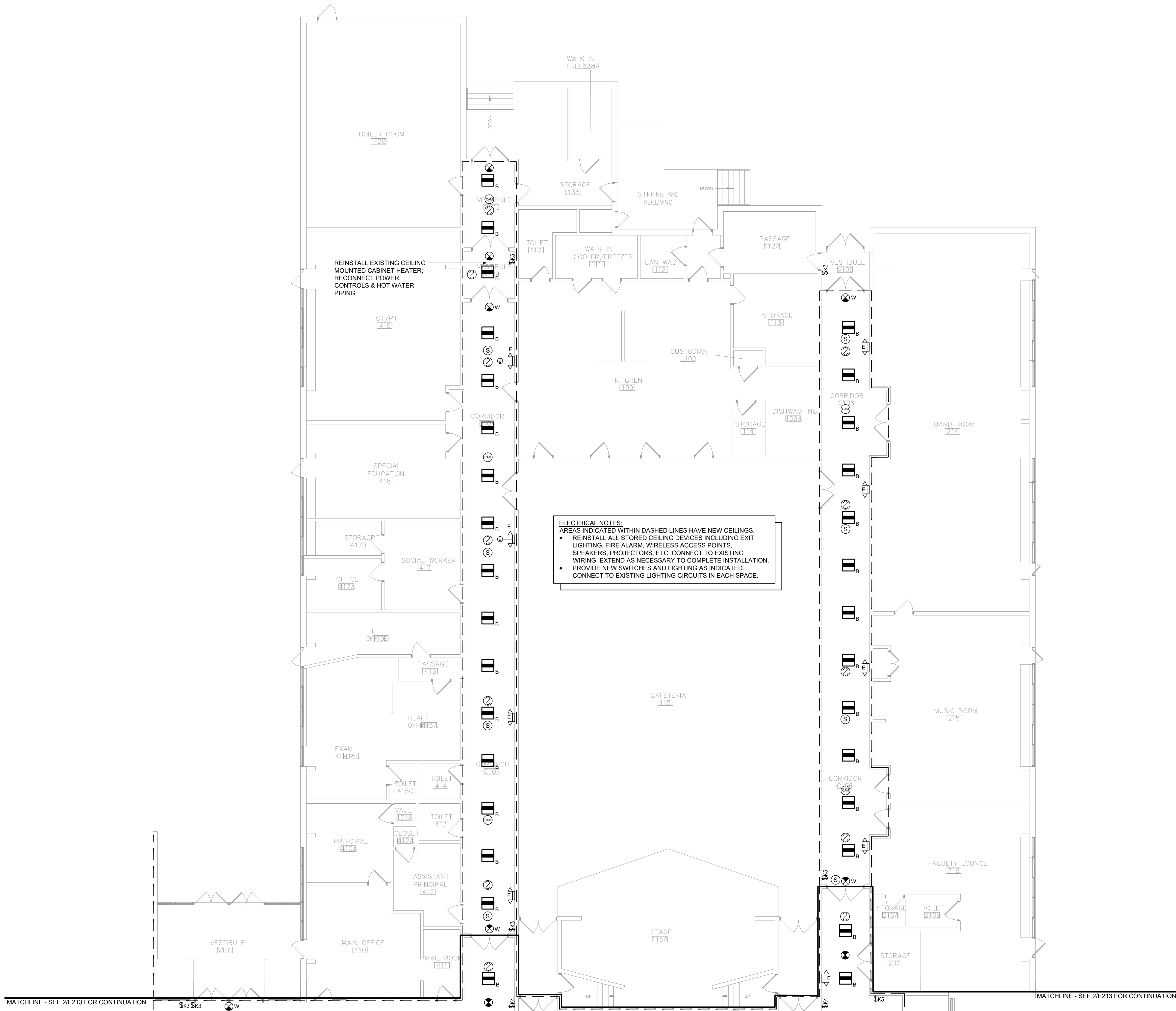
Sheet No.
HES
E201

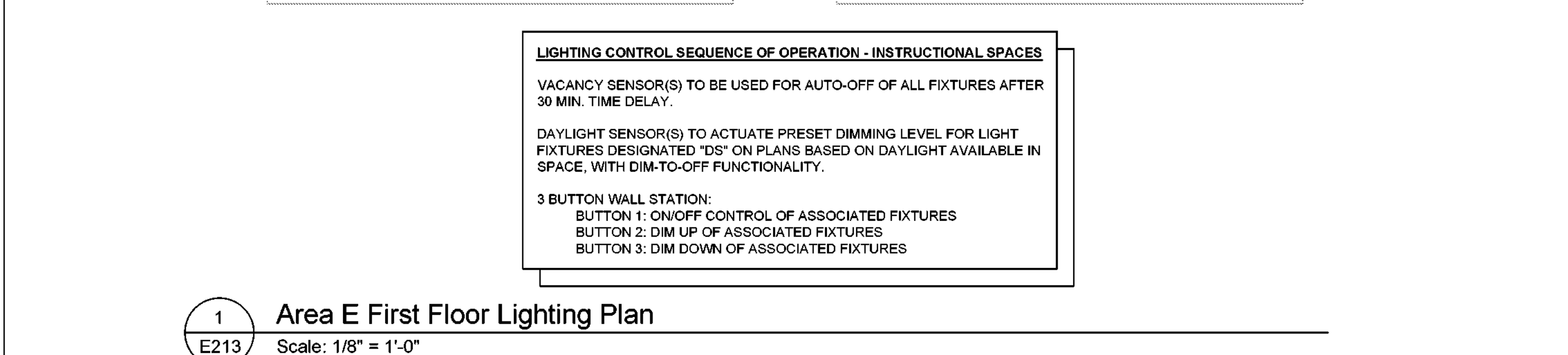
CONSTRUCTION DOCUMENTS

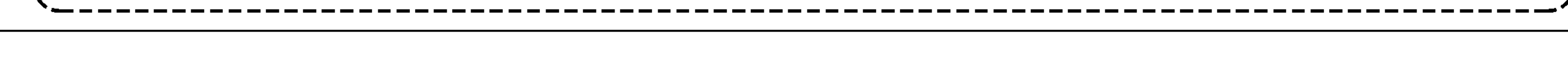
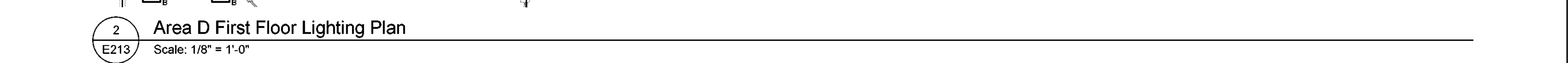
KEY PLAN



COPYRIGHT © ALL RIGHTS RESERVED







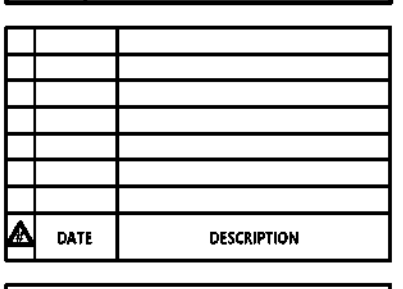
MATCHLINE - SEE 1/E212 FOR CONTINUATION

CEILINGS TO BE REPLACED IN CLASSROOM 201, 202, 211 & 212 -
PROVIDE TYPE C LIGHT FIXTURES AND ASSOCIATED CEILING
WORK PER LAYOUTS ABOVE AND ELECTRICAL NOTES



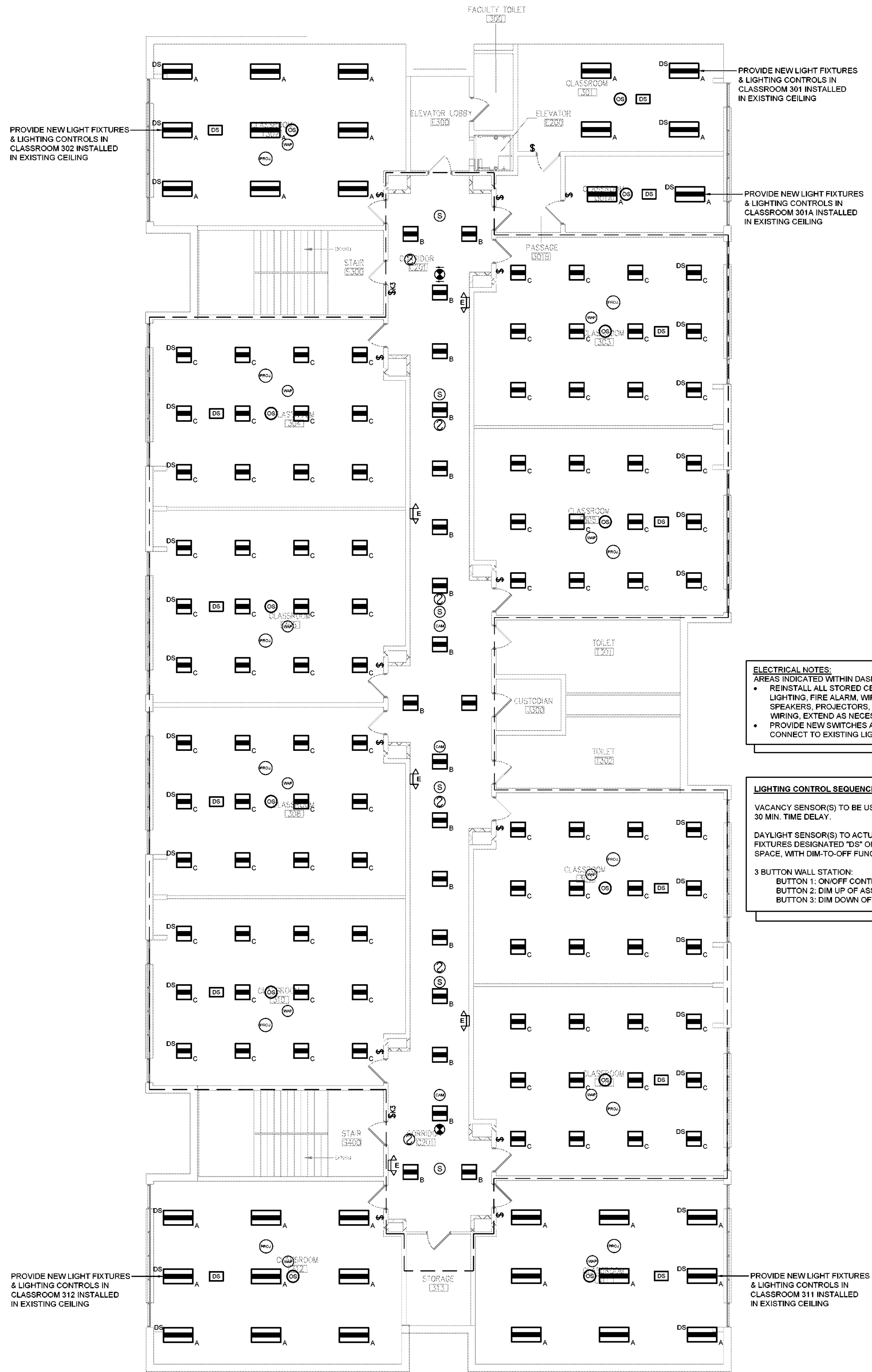
CSARCH

Project Title HIGHLAND CENTRAL SCHOOL DISTRICT HIGHLAND ELEMENTARY SCHOOL 2022 CAPITAL IMPROVEMENT PROJECT - PHASE 1
--



Sheet Title

Sheet No. _____

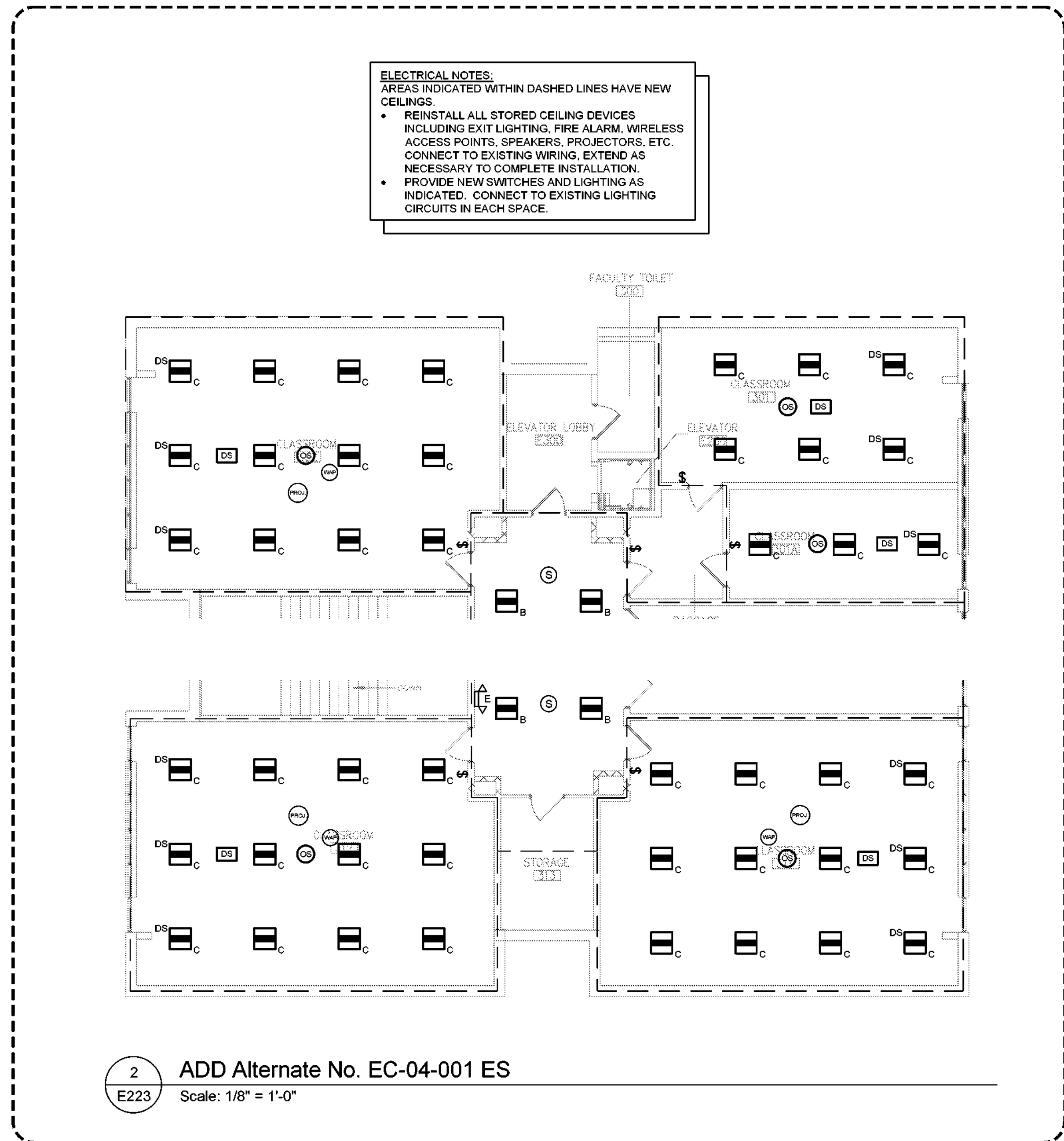


1 Area E Second Floor Lighting Plan
Scale: 1/8" = 1'-0"

ELECTRICAL NOTES:
AREAS INDICATED WITHIN DASHED LINES HAVE NEW CEILINGS.
• REINSTALL ALL STORED CEILING DEVICES INCLUDING EXIT LIGHTING, FIRE ALARM, WIRELESS ACCESS POINTS, SPEAKERS, PROJECTORS, ETC. CONNECT TO EXISTING WIRING. EXTEND AS NECESSARY TO COMPLETE INSTALLATION.
• PROVIDE NEW SWITCHES AND LIGHTING AS INDICATED. CONNECT TO EXISTING LIGHTING CIRCUITS IN EACH SPACE.

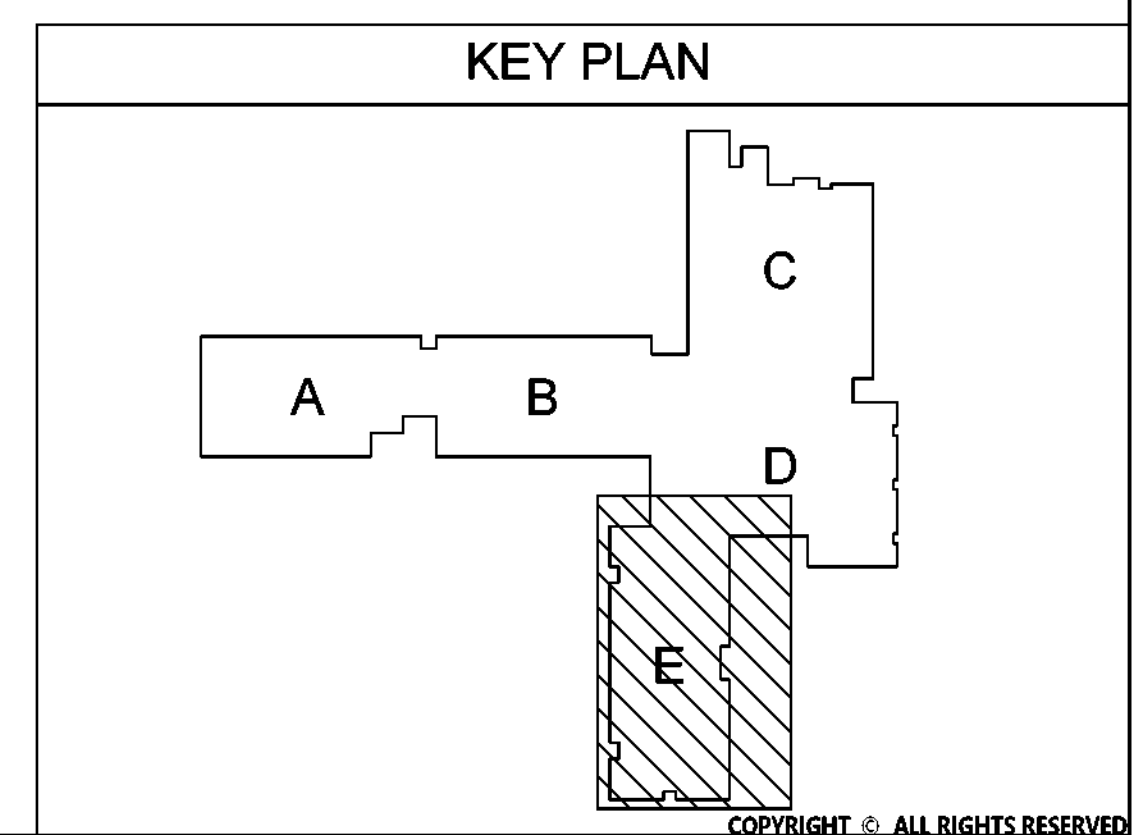
LIGHTING CONTROL SEQUENCE OF OPERATION - INSTRUCTIONAL SPACES
VACANCY SENSOR(S) TO BE USED FOR AUTO-OFF OF ALL FIXTURES AFTER 30 MIN. TIME DELAY.
DAYLIGHT SENSOR(S) TO ACTUATE PRESET DIMMING LEVEL FOR LIGHT FIXTURES DESIGNATED 'DS' ON PLANS BASED ON DAYLIGHT AVAILABLE IN SPACE, WITH DIM-TO-OFF FUNCTIONALITY.
3 BUTTON WALL STATION:
BUTTON 1: ON/OFF CONTROL OF ASSOCIATED FIXTURES
BUTTON 2: DIM UP OF ASSOCIATED FIXTURES
BUTTON 3: DIM DOWN OF ASSOCIATED FIXTURES

- General Notes:**
1. IN ALL AREAS WITH EXISTING CEILINGS TO REMAIN, ELECTRICAL CONTRACTOR IS RESPONSIBLE TO REMOVE AND REINSTALL CEILING TILES AND GRID AS NECESSARY TO COMPLETE REMOVAL AND INSTALLATION OF LIGHTING, WIRING, CONDUIT, JUNCTION BOXES, ETC.
 2. WALL MOUNTED EMERGENCY LIGHTING IN CORRIDORS IS EXISTING TO REMAIN WHERE SHOWN ON THE PLANS.
 3. WALL MOUNTED EXIT LIGHTING IN CORRIDORS IS EXISTING TO REMAIN WHERE SHOWN ON THE PLANS. CONTRACTOR SHALL ADJUST PLACEMENT OF EXISTING FIXTURES IF NEEDED TO ACCOMMODATE CEILING REPLACEMENT.



2 ADD Alternate No. EC-04-001 ES
Scale: 1/8" = 1'-0"

ADD ALTERNATE NO. EC-04-001-ES
CEILINGS TO BE REPLACED IN CLASSROOM 301, 301A, 302, 311 & 312 - PROVIDE TYPE C LIGHT FIXTURES AND ASSOCIATED CEILING WORK PER LAYOUTS ABOVE AND ELECTRICAL NOTES



HIGHLAND CENTRAL SCHOOL DISTRICT
HIGHLAND ELEMENTARY SCHOOL
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 1

Project Title



Expiration Date: 05-31-2025

A	DATE	DESCRIPTION

Drawn By:	BJK
Checked By:	BJK
Proj. #:	62-08-03-04-0-010-014
CSArch Proj. #:	197-2201.01
Issued for Bid:	8/18/23

Sheet Title

AREA B FIRST
FLOOR
ELECTRICAL
PLAN

Sheet No. **HES**
E311

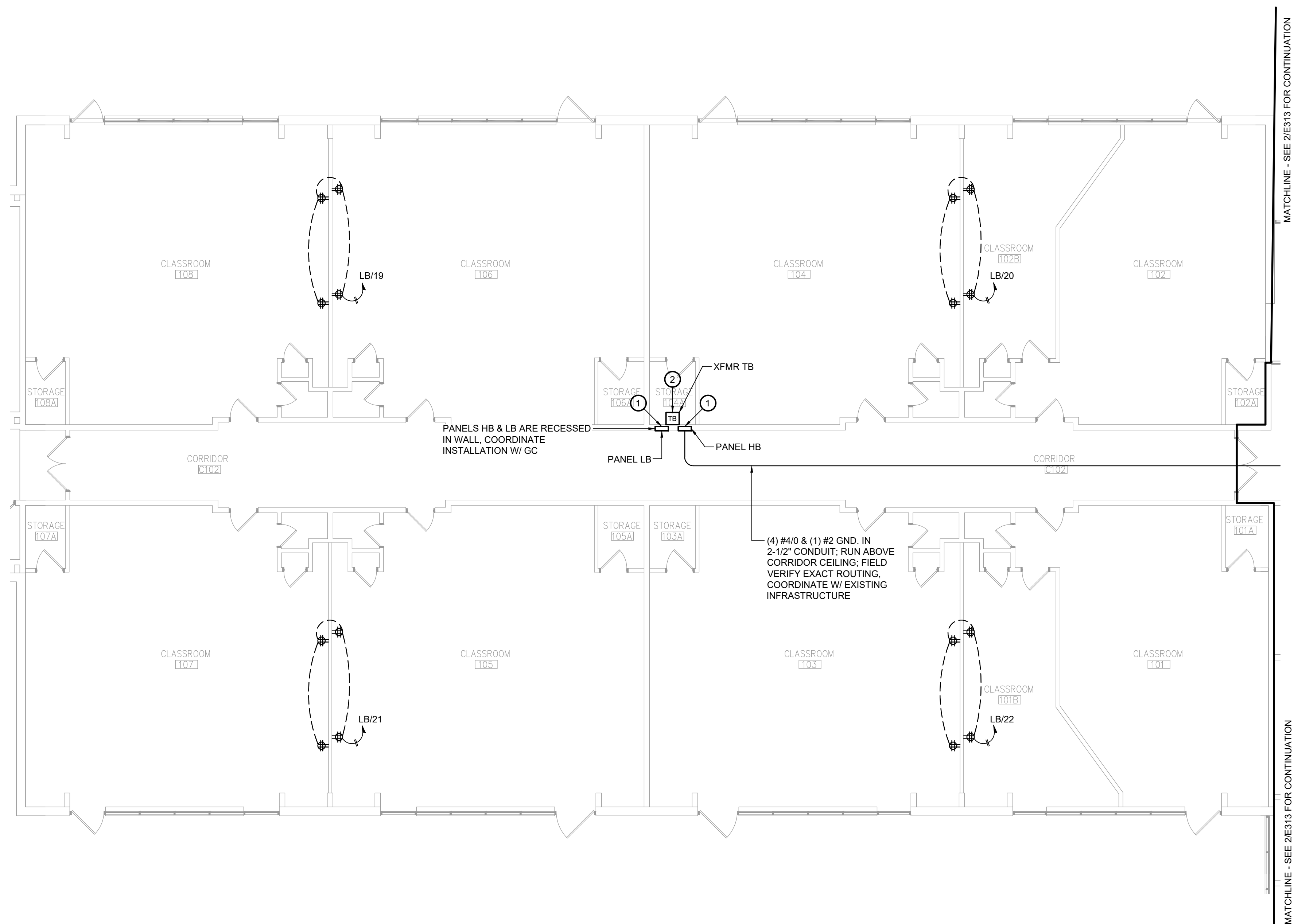
CONSTRUCTION DOCUMENTS

General Notes:

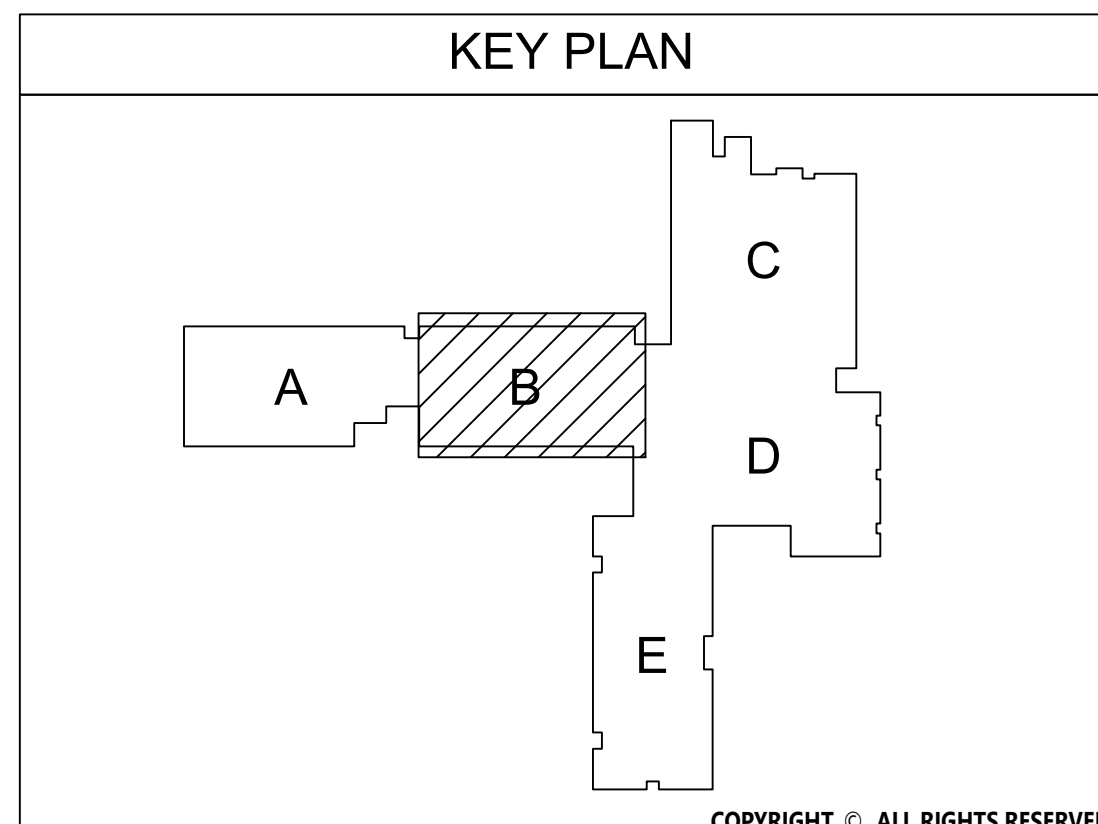
1. IN ALL AREAS WITH EXISTING CEILINGS TO REMAIN, ELECTRICAL CONTRACTOR IS RESPONSIBLE TO REMOVE AND REINSTALL CEILING TILES AND GRID AS NECESSARY TO COMPLETE REMOVAL AND INSTALLATION OF LIGHTING, WIRING, CONDUIT, JUNCTION BOXES, ETC.
2. PRIOR TO REPLACEMENT OF ELECTRICAL PANELS, PERFORM FIELD WORK TO DETERMINE QUANTITIES, SIZES AND RATINGS OF ALL EXISTING BRANCH CIRCUIT BREAKERS. PROVIDE REPLACEMENT PANELS WITH SAME BREAKER CONFIGURATION FOR THE EXISTING BRANCH CIRCUITS.
3. MAINTAIN ALL EXISTING BRANCH CIRCUITS. MODIFY AS NECESSARY TO EXTEND EXISTING CIRCUITRY AND CONNECT TO REPLACEMENT PANELS.

Key Notes:

- ① PROVIDE NEW PANEL INSTALLED IN PLACE OF EXISTING. CONNECT TO EXISTING DISTRIBUTION WIRING. EXTEND EXISTING CONDUITS & WIRING AS NEEDED TO MAKE FINAL CONNECTIONS. PROVIDE NEW FEEDERS FROM PANEL TO SOURCE. REFER TO ONE-LINE DIAGRAM ON SHEET E105 FOR ADDITIONAL INFORMATION
- ② PROVIDE NEW TRANSFORMER. FIELD VERIFY MOUNTING CONDITIONS. PROVIDE SUPPORT FRAME CONSTRUCTED OF MODULAR STEEL CHANNEL AND SUPPORT TRANSFORMER FROM OVERHEAD STRUCTURE.



1 Area B First Floor Electrical Demolition Plan
E311 Scale: 1/8" = 1'-0"



2022 CAPITAL IMPROVEMENT PROJECT - PHASE 1



Expiration Date: 05-31-2025

[illegible]

Drawn By:	BJK
Checked By:	BJK
Proj. #:	62-08-03-04-0-010-01
CSArch Proj. #:	197-2201.0
Issued for Bid:	8/18/20

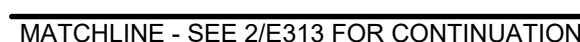
AREA C FIRST FLOOR ELECTRICAL PLAN

HES
E312

CONSTRUCTION DOCUMENTS

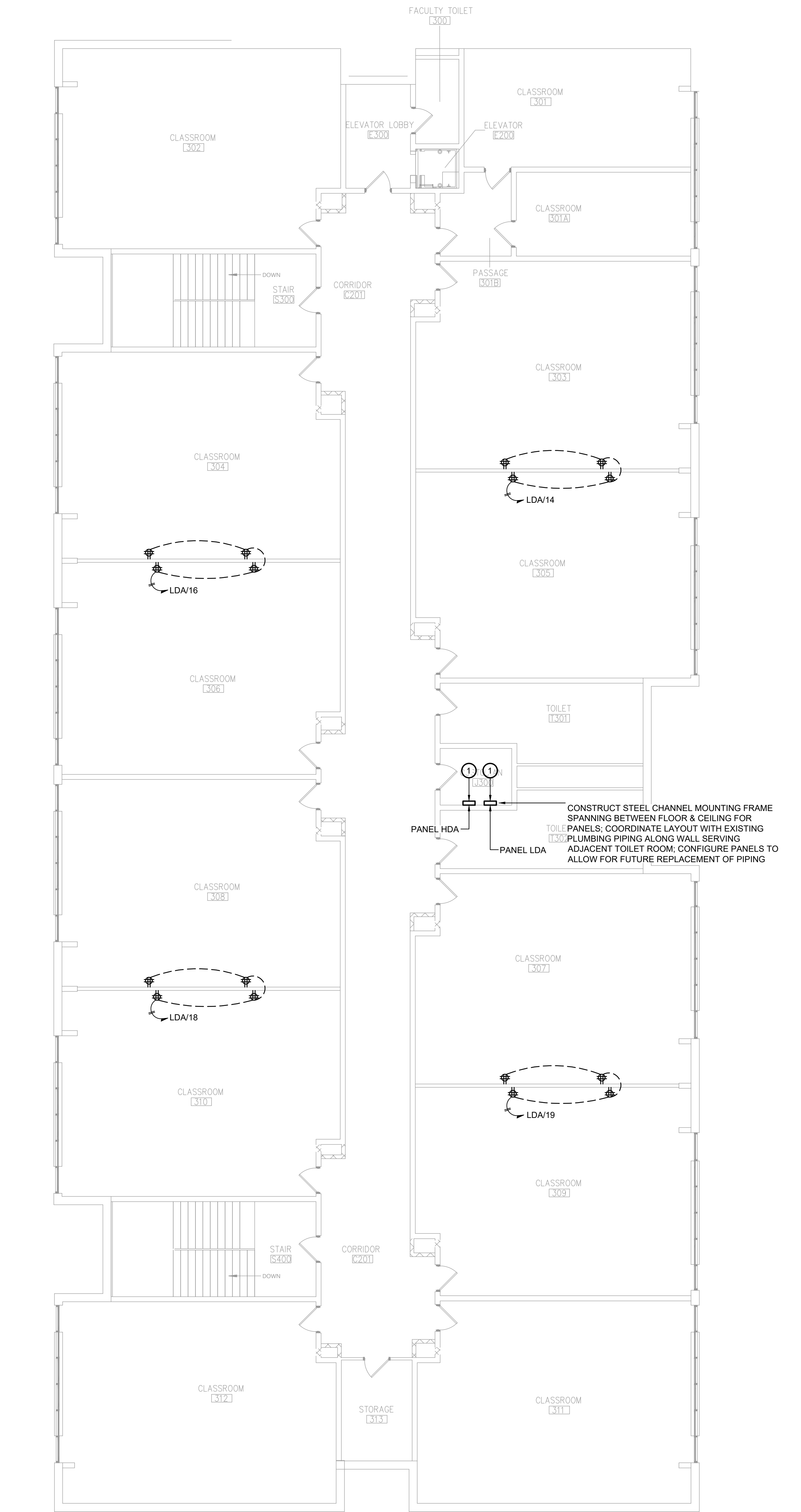
1. IN ALL AREAS WITH EXISTING CEILINGS TO REMAIN, ELECTRICAL CONTRACTOR IS RESPONSIBLE TO REMOVE OR RE-INSTALL CEILING TILES AND GRID AS NECESSARY TO COMPLETE REMOVAL AND INSTALLATION OF LIGHTING, WIRING, CONDUIT, JUNCTION BOXES, ETC.
2. PRIOR TO REPLACEMENT OF ELECTRICAL PANELS, PERFORM FIELD WORK TO DETERMINE QUANTITIES, SIZES AND RATINGS OF ALL EXISTING BRANCH CIRCUIT BREAKERS. PROVIDE REPLACEMENT PANELS WITH SAME BREAKER CONFIGURATION FOR THE EXISTING BRANCH CIRCUITS.
3. MAINTAIN ALL EXISTING BRANCH CIRCUITS. MODIFY AS NECESSARY TO EXTEND EXISTING CIRCUITRY AND CONNECT TO REPLACEMENT PANELS.

- ① PROVIDE NEW PANEL, INSTALLED IN PLACE OF EXISTING. CONNECT TO EXISTING DISTRIBUTION WIRING, EXTEND EXISTING CONDUITS, & WIRING AS NEEDED TO MAKE FINAL CONNECTIONS. PROVIDE NEW FEEDERS FROM PANEL TO SOURCE. REFER TO ONE-LINE DIAGRAM ON SHEET E105 FOR ADDITIONAL INFORMATION.
- ② PROVIDE NEW TRANSFORMER. FIELD VERIFY MOUNTING CONDITIONS. PROVIDE SUPPORT FRAME CONSTRUCTED OF MODULAR STEEL CHANNEL AND SUPPORT TRANSFORMER FROM OVERHEAD STRUCTURE.
- ③ PROVIDE NEW SERVICE SWITCHBOARD. CONNECT TO EXISTING SERVICE FEEDERS AND ALL NEW AND EXISTING BRANCH CIRCUITS. REFER TO ONE-LINE DIAGRAM ON SHEET E105 FOR ADDITIONAL INFORMATION.



Scale: 1/8" = 1'-0"

COPYRIGHT © ALL RIGHTS RESERVED



1
E323 Area E Second Floor Electrical Plan
Scale: 1/8" = 1'-0"

General Notes:

1. IN ALL AREAS WITH EXISTING CEILINGS TO REMAIN, ELECTRICAL CONTRACTOR IS RESPONSIBLE TO REMOVE AND REINSTALL CEILING TILES AND GRID AS NECESSARY TO COMPLETE REMOVAL AND INSTALLATION OF LIGHTING, WIRING, CONDUIT, JUNCTION BOXES, ETC.
2. PRIOR TO REPLACEMENT OF ELECTRICAL PANELS, PERFORM FIELD WORK TO DETERMINE QUANTITIES, SIZES AND RATINGS OF ALL EXISTING BRANCH CIRCUIT BREAKERS. PROVIDE REPLACEMENT PANELS WITH SAME BREAKER CONFIGURATION FOR THE EXISTING BRANCH CIRCUITS.
3. MAINTAIN ALL EXISTING BRANCH CIRCUITS; MODIFY AS NECESSARY TO EXTEND EXISTING CIRCUITRY AND CONNECT TO REPLACEMENT PANELS.

Key Notes:

1. PROVIDE NEW PANEL INSTALLED IN PLACE OF EXISTING. CONNECT TO EXISTING DISTRIBUTION WIRING, EXTEND EXISTING CONDUITS & WIRING AS NEEDED TO MAKE FINAL CONNECTIONS. PROVIDE NEW FEEDERS FROM PANEL TO SOURCE. REFER TO ONE-LINE DIAGRAM ON SHEET E105 FOR ADDITIONAL INFORMATION.
2. PROVIDE NEW TRANSFORMER. FIELD VERIFY MOUNTING CONDITIONS. PROVIDE SUPPORT FRAME CONSTRUCTED OF MODULAR STEEL CHANNEL AND SUPPORT TRANSFORMER FROM OVERHEAD STRUCTURE.

KEY PLAN

1
E323

Area E Second Floor Electrical Plan
Scale: 1/8" = 1'-0"

19 Front St. · Newburgh · New York 12550-7601
845-561-3179 · www.csarchpcc.com

Consultant

BLAKE ENGINEERING PLLC
A PROFESSIONAL CORPORATION
NEW YORK STATE LICENSE NO. 008939

Project Title

HIGHLAND CENTRAL SCHOOL DISTRICT
HIGHLAND ELEMENTARY SCHOOL
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 1

Expiration Date: 05-31-2025

DATE	DESCRIPTION

Drawn By:

8/K

Checked By:

8/K

Proj. #:

62-08-03-04-0-010-014

CSArch Proj. #:

197-2201.01

Issued for Bid:

8/18/23

Sheet Title

AREA E SECOND FLOOR ELECTRICAL PLAN

Sheet No.

HES
E323

CONSTRUCTION DOCUMENTS