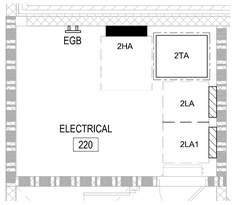
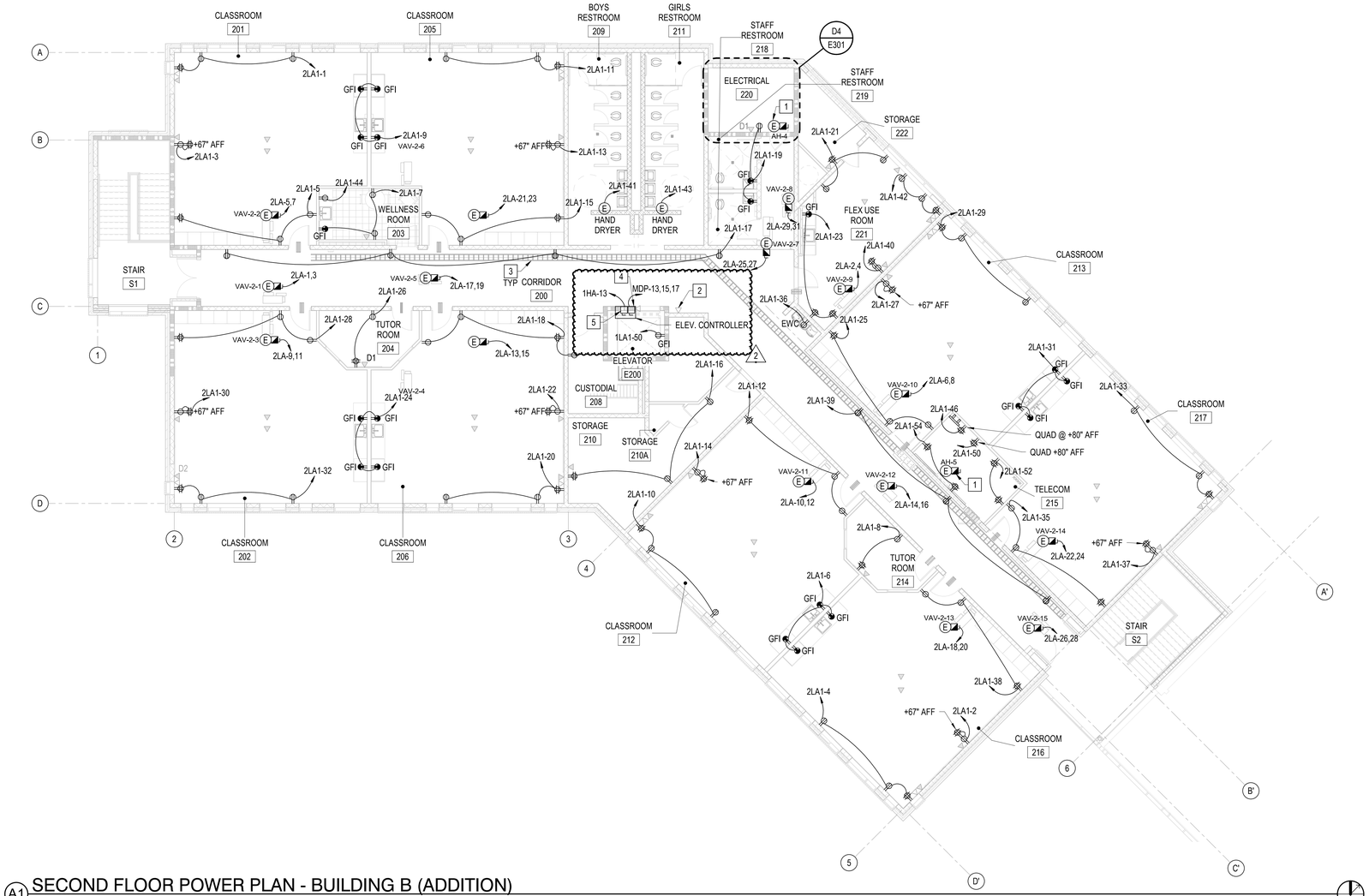


D4 ENLARGED SECOND FLOOR ELECTRICAL ROOM
1/4" = 1'-0"



A1 SECOND FLOOR POWER PLAN - BUILDING B (ADDITION)
1/8" = 1'-0"

GENERAL NOTES

1. TELECOM SYMBOLS SHOWN IN GRAY ARE FOR REFERENCE ONLY. REFER TO T200 SHEETS FOR TELECOM REQUIRED.
2. REFER TO ARCHITECTURAL DRAWING A1101 FOR TEACHING WALL DETAIL IN CLASSROOMS.

KEY NOTES

1. INDOOR UNIT POWERED THROUGH OUTDOOR UNIT LOCATED ON THE ROOF.
2. TWO-WAY EMERGENCY COMMUNICATIONS RECESSED REMOTE STATION. BACKBOX 6"W x 8"H x 3"D WITH STAINLESS STEEL PHONE FACEPLATE. WALL MOUNT TO ENSURE BRAILLE FACEPLATE IS NO HIGHER THAN 48" AFF.
3. LADDER-STYLE ALUMINUM CABLE TRAY WITH 4-INCH DEPTH. PROVIDE SOLID ALUMINUM DIVIDER ALONG ENTIRE LENGTH OF TRAY TO CREATE ONE 8-INCH SECTION (RESERVED FOR DATA, VOICE, CATV AND WIFI) AND ONE 4-INCH SECTION (RESERVED FOR INTERCOM AND SECURITY IP). INSTALL AT A HEIGHT OF 4" ABOVE TOP OF CORRIDOR CEILING GRID.
4. HEAVY DUTY LOCKABLE OPEN FUSED DISCONNECT SWITCH WITH SHUNT TRIP CAPABILITY AND 2 NORMALLY OPEN AND 2 NORMALLY CLOSED CONTACTS. 480V 3-PHASE WITH FUSES IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. ROUTE 1" CONDUIT WITH PULLSTRING FROM DISCONNECT TO FACP. FINAL LOCATION OF SWITCH SHALL BE COORDINATED WITH OTHER ELEVATOR EQUIPMENT ANCILLARIES INSIDE THE CONTROLLER.
5. HEAVY DUTY LOCKABLE OPEN DISCONNECT SWITCH, 250V RATED, 30A FRAME, 20A FUSES. FINAL LOCATION OF DISCONNECT SWITCH SHALL BE COORDINATED WITH OTHER ELEVATOR EQUIPMENT ANCILLARIES INSIDE THE CONTROLLER.

GRAPHIC SCALE(S)

1/8" = 1' - 0" 0 5' 10' 15' 30'

SHARON ELEMENTARY SCHOOL ADDITION

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Charlotte, NC 28211

cms Charlotte-Mecklenburg Schools

DESIGNER

CLARKNEXSEN

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T: 704.376.1073

PROFESSIONAL SEAL

NORTH CAROLINA PROFESSIONAL SEAL 021538 ENGINEER PATRICK J. ROSE

2020.03.30 15:57:54-04'00'

SUBMITTAL

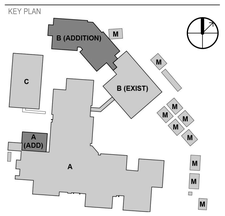
FEBRUARY 19, 2020

FOR CONSTRUCTION ONLY

REVISIONS

1	03/13/20	REVIEW CYCLE 1
2	03/30/20	REVIEW CYCLE 2 /ADDENDUM #2

KEY PLAN



SHEET

SECOND FLOOR POWER PLAN - BUILDING B (ADDITION)

E301

DESIGN: AJM
DRAWN: AJM
REVIEW: Checker

CN 8418

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