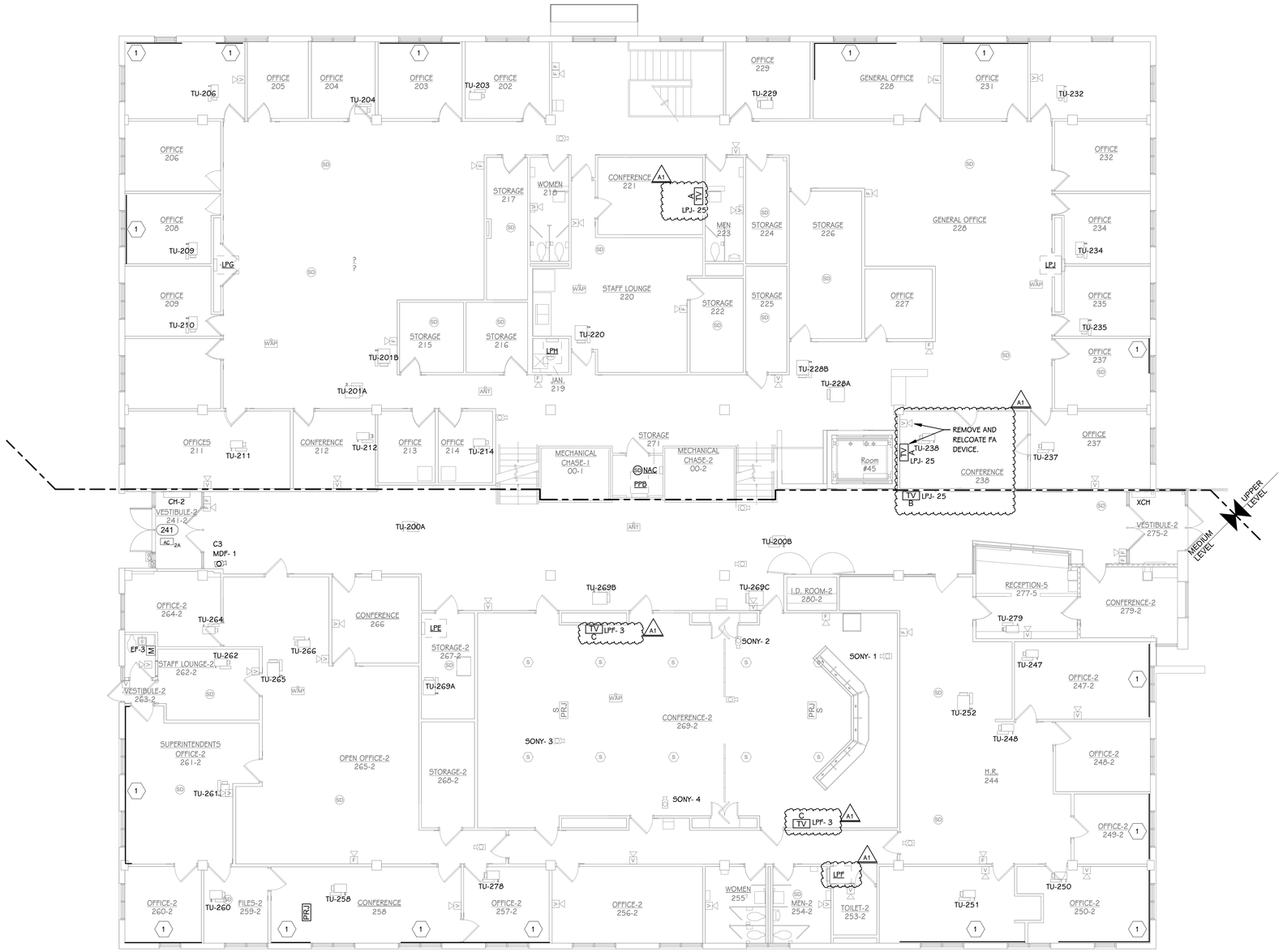


MEDIUM & UPPER LEVEL POWER PLAN

1/8" = 1'-0"

GENERAL ELECTRICAL NOTES

1 ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CUTTING AND PATCHING REQUIRED FOR NEW WORK OR WHERE DEVICES ARE REMOVED AND NOT REPLACED.

2 ELECTRICAL CONTRACTOR SHALL COORDINATE WITH G SERIES SHEETS DEVICE COORDINATION DETAIL. DEVICES ARE TO ALIGN VERTICALLY AND HORIZONTALLY AND FOLLOW THE RULES OF THIS DETAIL CONSISTENTLY. A PRE-INSTALL DEVICE COORDINATION MEETING FOR DEVICE FINISHES AND LAYOUT MAY BE REQUIRED IN THE SPECIFICATION FOR THIS PROJECT.

3 PATCH ALL PENETRATIONS AS REQUIRED TO MAINTAIN FIRE RATING.

4 REFER TO INTERIOR ELEVATIONS, SECTIONS, ARCHITECTURAL ELEVATIONS AND RELATED DRAWINGS FOR EXACT DEVICE LOCATIONS AND MOUNTING HEIGHTS. WHERE DEVICES ARE MOUNTED UNDER OR ABOVE TACK BOARDS, DOORS, WINDOWS, OR ANY PIECE OF EQUIPMENT, THE ELECTRICAL DEVICE SHALL BE CENTERED AS SHOWN. COORDINATE LOCATION OF FURNITURE CONNECTIONS AND/OR RECEPTACLES AND DATA RACEWAYS WITH APPROVED FURNITURE SHOP DRAWINGS, FINAL CONNECTIONS TO FURNITURE BY ELECTRICAL CONTRACTOR.

5 ALL CONDUITS SHALL RUN AS NEAR TO DECK AS PERMITTED BY CODE. SOME CONDUITS WILL BE EXPOSED AND SHALL BE RUN IN A NEAT MANNER. MAINTAIN THE SAME SPACING WHEN CONDUITS ARE RUN TOGETHER. CONCEAL JUNCTION BOXES OVER LAY-IN CEILING AND USE EMT DROPS DOWN TO CLOUDS. LOCATE CONDUIT DROPS TO CLOUDS AND CEILING ELEMENTS IN LEAST VISIBLE LOCATION.

6 WHEN CEILINGS ARE REMOVED ELECTRICAL CONTRACTOR SHALL PROPERLY SUPPORT ALL CONDUIT AND LOW VOLTAGE WIRING AS REQUIRED PER NEC.

7 REMOVE CEILINGS AND GRID AS REQUIRED. REPLACE ANY DAMAGED CEILINGS.

8 PROVIDE 120V CIRCUIT FROM NEAREST RECEPTACLE PANEL FOR TERMINAL UNITS. TERMINAL UNITS WILL BE FEED FROM A LOW VOLTAGE TRANSFORMER SUPPLIED BY THE MANUFACTURER. TERMINAL UNITS MAY BE GROUPED ONTO A SINGLE CIRCUIT. COORDINATE WITH CONTROLS CONTRACTOR FOR TRANSFORMER LOCATIONS AND NUMBER OF TERMINAL UNITS PER CIRCUIT.

9 PROVIDE 120V CIRCUIT FROM NEAREST GENERATOR STANDBY PANEL FOR ALL BMS/BAS CONTROL PANELS. COORDINATE LOCATION AND NUMBER OF CIRCUITS WITH CONTROLS CONTRACTOR.

10 PROVIDE FINAL CONNECTION TO ALL OWNER/CONTRACTOR PROVIDED EQUIPMENT. COORDINATE RECEPTACLE SIZES AND TYPE WITH EQUIPMENT, ADJUST CIRCUIT SIZE AS REQUIRED.

11 PROVIDE EXTENSION TO EXISTING SIMPLEX FIRE ALARM SYSTEM IN AREAS OF RENOVATION. PROVIDE ALL NEW FIRE ALARM DEVICES AND CONNECT TO EXISTING SYSTEM. PROVIDE ALL REQUIRED EQUIPMENT FOR A COMPLETE INSTALLATION. SEEK THE SERVICES OF A FACTORY REPRESENTATIVE FOR SYSTEM DESIGN AND CERTIFICATION.

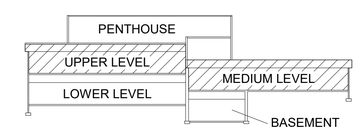
12 ALL CONDUITS SHALL ENTER/EXIT THE BUILDING BELOW GRADE. PROVIDE TRENCHING AND DIRECTIONAL BORING AS REQUIRED. CUT AND PATCH AS REQUIRED. NO EXPOSED CONDUIT SHALL BE ALLOWED.

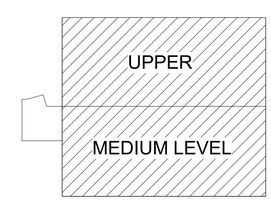
13 RECESS NEW DEVICES, BACKBOXES, AND ASSOCIATED CONDUIT IN EXISTING WALLS UNLESS NOTED OTHERWISE IN ALL PUBLIC SPACES. FISH WALLS AS REQUIRED. CUT AND PATCH AS REQUIRED. NO EXPOSED CONDUIT OR RACEWAY SHALL BE ALLOWED UNLESS SPECIFICALLY NOTED ON DRAWINGS.

ELECTRICAL KEYED NOTES

1 BASE BID – REMOVE, REWORK, & REINSTALL EXISTING SURFACE RACEWAY POWER & DATA OUTLETS AS REQUIRED FOR NEW WINDOW SYSTEM. RECESS NEW DEVICES IN NEW WALL FRAMING. REFER TO APPROXIMATE LENGTH OF RACEWAY ON DRAWINGS.
ALTERNATE NO. 2 – REMOVE, REWORK, & REINSTALL EXISTING SURFACE RACEWAY POWER & DATA OUTLETS AS REQUIRED FOR NEW WINDOW SYSTEM. MULLION MOUNT DEVICES IN NEW STORFRONT SYSTEM, CONCEAL ALL WIRING IN MULLIONS. REFER TO APPROXIMATE LENGTH OF RACEWAY ON DRAWINGS.

ADMINISTRATION BUILDING





TRUE NORTH

KEY PLAN
SCALE: NO SCALE

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ISSUED FOR	DATE
ADDENDUM #1	MAY 1, 2020

PROJECT TITLE
KPS ADMINISTRATION BUILDING AV SYSTEMS

OWNER
KALAMAZOO PUBLIC SCHOOLS
1220 Howard St.
Kalamazoo, MI 49008

SHEET TITLE
MEDIUM & UPPER LEVEL POWER PLAN

DATE
APRIL 14, 2020

SHEET NUMBER
E 101
18-525.00