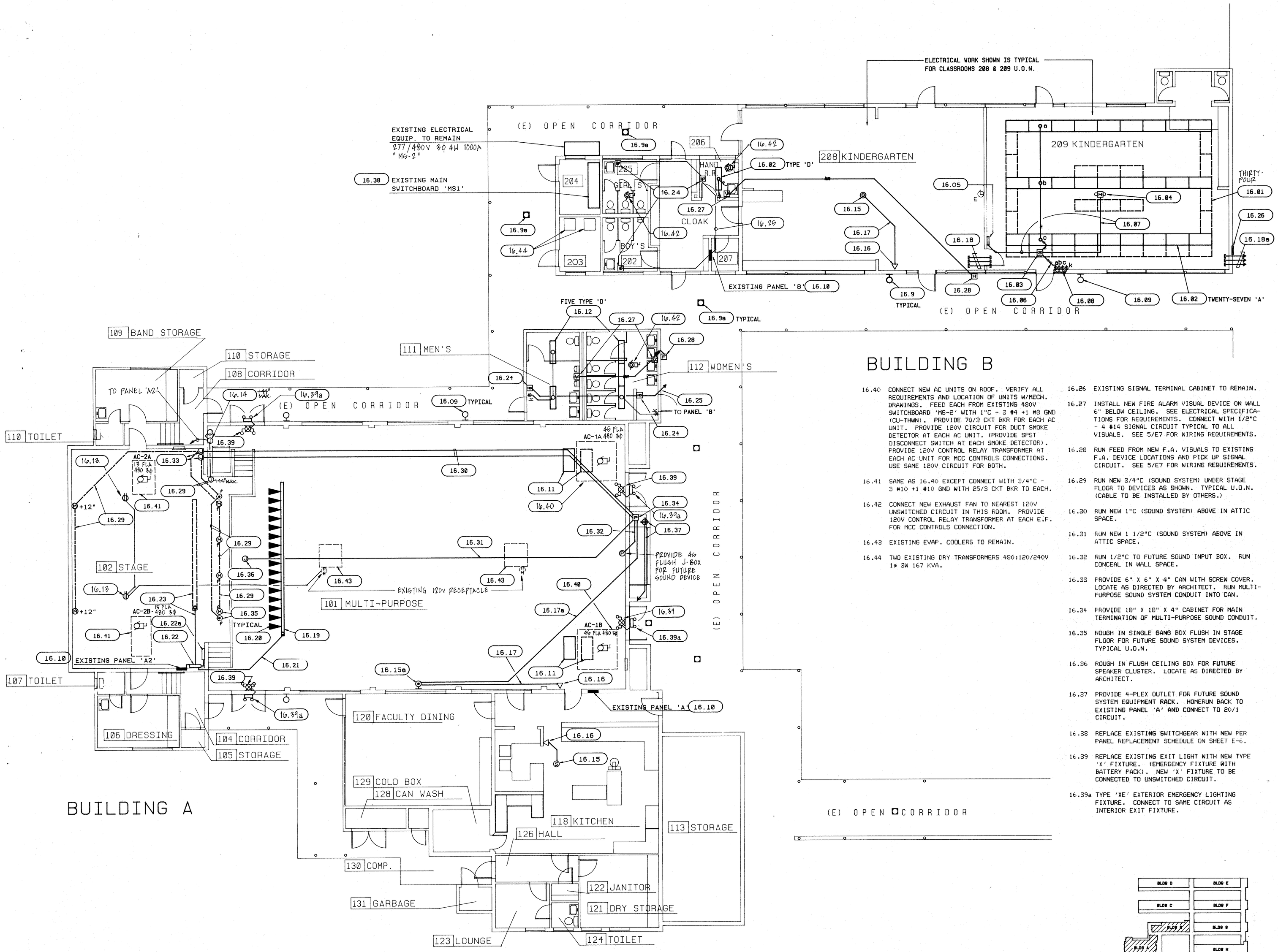


ELECTRICAL FLOOR PLAN - BLDGS A, B

1/8" = 1'-0"

ELECTRICAL FLOOR PLAN - BLDGS A, B KEYNOTES

16.01 REMOVE ALL EXISTING FLUSH T-BAR FIXTURES IN THIS ROOM N.O.N. REUSE EXISTING CIRCUIT(S) FOR NEW FIXTURES. PULL OUT ANY IDLE WIRE.

16.02 INSTALL NEW FIXTURES (TYPE AND QUANTITY AS SHOWN). CONNECT TO EXISTING 120V CIRCUIT.

16.03 SWITCHPACK FOR MOTION SENSOR CONTROL IN ATTIC SPACE WIRE PER DETAIL 3-E7.

16.04 MOTION SENSOR ON BOTTOM OF CEILING. 180°. 2,000 SQUARE FEET COVERAGE. WIRE PER DETAIL 3-E7.

16.05 HONEYWELL LIGHTING CONTROLS. TWO CONTROL MODULES AND TWO OUTPUT MODULES. ONE PAIR FOR "a" SWITCHED FIXTURES, ONE PAIR FOR "c" SWITCHED FIXTURES ("b" SWITCHED FIXTURES ARE NOT DIMMED). MOUNT MODULES TOGETHER ON WALL WITH TOP 6" BELOW CEILING. WIRE PER DETAIL 4-E7.

16.06 REUSE EXISTING CONDUIT FROM SWITCH BOX TO ATTIC FOR NEW SWITCH WIRING. PROVIDE ADDITIONAL CONDUIT TO NEW SWITCH BOX AS REQUIRED FOR WIRING NOT ABLE TO FIT IN EXISTING CONDUIT.

16.07 3/4"C + LIGHTING CONTROL WIRING PER DETAIL 3-E7, 4-E7.

16.08 REPLACE THREE EXISTING SWITCHES WITH THREE NEW SWITCHES, AND ONE NEW KEY SWITCH. REPLACE EXISTING 3 GANG BOX WITH 4 GANG (FLUSH) OR PROVIDE NEW ADJACENT SURFACE BOX FOR SWITCH(ES) W/CONCEALED FEED TO EXISTING BOX (CONTRACTOR OPTION). REUSE EXISTING CONDUIT TO ATTIC FOR NEW WIRING TO NEW FIXTURES PER NOTE 16.06 . SEE DETAIL 3-E7.

16.09 EXISTING EXTERIOR WALL FIXTURE TO REMAIN.

16.09a EXISTING EXTERIOR FLUSH FIXTURE TO REMAIN.

16.10 REPLACE EXISTING SUB-PANEL PER PANEL SCHEDULE REPLACEMENT ON SHEET E-6.

16.11 RELOCATE EXISTING LIGHT FIXTURE OUT OF WAY OF NEW DUCT AS SHOWN AND RECONNECT TO EXISTING SWITCHBOARD CIRCUIT.

16.12 REMOVE EXISTING FIXTURE(S) IN THIS ROOM AND INSTALL NEW FIXTURES AND RECONNECT AS SHOWN. PROVIDE NEW KEY SWITCHES.

16.13 PROVIDE W.P. RECEPTACLE ON ROOF NEXT TO AC UNIT. FEED FROM EXISTING 120V CIRCUIT AS SHOWN.

16.14 CONNECT NEW H.C. WHEELCHAIR LIFT MOTOR AND CONNECT (2) CALL/SEND SWITCHES. VERIFY ALL REQUIREMENTS WITH LIFT SUPPLIER. CONNECT TO 20A 1P CIRCUIT IN PANEL 'A2' WITH 3/4"C - 2 #12 + GND.

16.15 PROVIDE NEW FLUSH CEILING SPEAKER. COORDINATE LOCATION WITH ARCHITECTURAL REFLECTED CEILING PLANS. SEE ELECTRICAL SPECS FOR REQUIREMENTS (SEE E1 FOR WIRING).

16.15a NEW WALL MOUNT SPEAKER +10'-0".

16.16 PROVIDE NEW INTERCOM HANDSET ON WALL.

16.17 1/2"C + ONE I.C. CABLE BETWEEN SPEAKER AND HANDSET. RUN CONCEALED.

16.17a 3/4"C + TWO I.C. CABLES TO SOUND SYSTEM CABINET. RUN CONCEALED.

16.18 STUB THREE 1"C BETWEEN ACCESSIBLE ATTIC SPACES OF ROOMS SHOWN. (FOR FUTURE CABLE TV, COMPUTER, BURGLAR ALARM).

16.18a THREE 1"C STUBS INTO ATTIC SPACE. SHEET E-5 FOR CONTINUATION.

16.19 INSTALL NEW 4 CIRCUIT LIGHT TRACK ON CEILING AT CORNER OF EXISTING CEILING BEAM. FIXTURE TYPE 'E'.

16.20 TYPE 'F ' LIGHT TRACK FIXTURE. LOCATE ON TRACK. AIM FIXTURE AND PROVIDE COLOR FILTER AS DIRECTED BY SCHOOL DISTRICTS REPRESENTATIVE. (16 FIXTURES, INSTALL 4 PER TRACK CIRCUIT.)

16.21 1"C +8 #12 +1 #12 GND (SEP. NEUTRAL TO EACH TRACK CIRCUIT). RUN FEED CONCEAL IN CEILING THEN DOWN EXPOSED TO DIMMER PANEL.

16.22 DIMMER PANEL. EDI #PL3-DC3/(2)PLJQ1/S C208/S/LKOR. FEED FROM EXISTING PANEL 'A2' WITH 1 1/4"C - 4 #4 +1 #10 GND. CONNECT TO 50/3P BKR IN PANEL 'A2'. LOCATE AS DIRECTED BY ARCHITECT.

16.22a EDI C208 (EIGHT ZONE SLIDER DIMMER CONTROL STATION) LOCATE AS DIRECTED BY ARCHITECT. (PROVIDE SURFACE BOX ENCLOSURE.)

16.23 EXISTING 4 CIRCUIT BORDER COLOR LIGHT FIXTURE ASSEMBLY. INTERCEPT EXISTING FEED AND REROUTE TO NEW DIMMER PANEL. BORDER LIGHTS TO BE CONTROLLED BY DIMMER CONTROL STATION 16.22a (4 SLIDERS).

16.24 CONNECT NEW HAND DRYER BLOWER. VERIFY REQUIREMENTS WITH HAND DRYER SUPPLIER. VERIFY EXACT LOCATION WITH ARCHITECT. EACH DRYER ON SEPARATE 20/2 CIRCUIT.

16.25 3/4"C - 4 #12 +1 #12 GND TO PANEL NOTED. PROVIDE SEPARATE 20/2P CKT BKR FOR EACH DRYER.

16.26 EXISTING SIGNAL TERMINAL CABINET TO REMAIN.

16.27 INSTALL NEW FIRE ALARM VISUAL DEVICE ON WALL 6" BELOW CEILING. SEE ELECTRICAL SPECIFICATIONS FOR REQUIREMENTS. CONNECT WITH 1/2"C - 4 #14 SIGNAL CIRCUIT TYPICAL TO ALL VISUALS. SEE 5/E7 FOR WIRING REQUIREMENTS.

16.28 RUN FEED FROM NEW F.A. VISUALS TO EXISTING F.A. DEVICE LOCATIONS AND PICK UP SIGNAL CIRCUIT. SEE 5/E7 FOR WIRING REQUIREMENTS.

16.29 RUN NEW 3/4"C (SOUND SYSTEM) UNDER STAGE FLOOR TO DEVICES AS SHOWN. TYPICAL U.O.N. (CABLE TO BE INSTALLED BY OTHERS.)

16.30 RUN NEW 1"C (SOUND SYSTEM) ABOVE IN ATTIC SPACE.

16.31 RUN NEW 1 1/2"C (SOUND SYSTEM) ABOVE IN ATTIC SPACE.

16.32 RUN 1/2"C TO FUTURE SOUND INPUT BOX. RUN CONCEAL IN WALL SPACE.

16.33 PROVIDE 6" X 6" X 4" CAN WITH SCREW COVER. LOCATE AS DIRECTED BY ARCHITECT. RUN MULTI-PURPOSE SOUND SYSTEM CONDUIT INTO CAN.

16.34 PROVIDE 18" X 18" X 4" CABINET FOR MAIN TERMINATION OF MULTI-PURPOSE SOUND CONDUIT.

16.35 ROUGH IN SINGLE GANG BOX FLUSH IN STAGE FLOOR FOR FUTURE SOUND SYSTEM DEVICES. TYPICAL U.O.N.

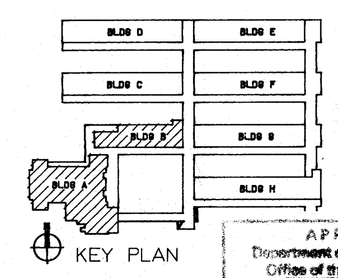
16.36 ROUGH IN FLUSH CEILING BOX FOR FUTURE SPEAKER CLUSTER. LOCATE AS DIRECTED BY ARCHITECT.

16.37 PROVIDE 4-PLEX OUTLET FOR FUTURE SOUND SYSTEM EQUIPMENT RACK. HOMERUN BACK TO EXISTING PANEL 'A' AND CONNECT TO 20/1 CIRCUIT.

16.38 REPLACE EXISTING SWITCHGEAR WITH NEW PER PANEL REPLACEMENT SCHEDULE ON SHEET E-6.

16.39 REPLACE EXISTING EXIT LIGHT WITH NEW TYPE 'X' FIXTURE. (EMERGENCY FIXTURE WITH BATTERY PACK). NEW 'X' FIXTURE TO BE CONNECTED TO UNSWITCHED CIRCUIT.

16.39a TYPE 'XE' EXTERIOR EMERGENCY LIGHTING FIXTURE. CONNECT TO SAME CIRCUIT AS INTERIOR EXIT FIXTURE.



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DETAILED SHOP DRAWINGS MUST BE SUBMITTED TO THIS OFFICE FOR REVIEW BEFORE FABRICATION OF ANY PRODUCT TO BE INCLUDED IN THIS PROJECT.

ISSUE FOR	DATE

REVISION	DATE

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SHEET
E2

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