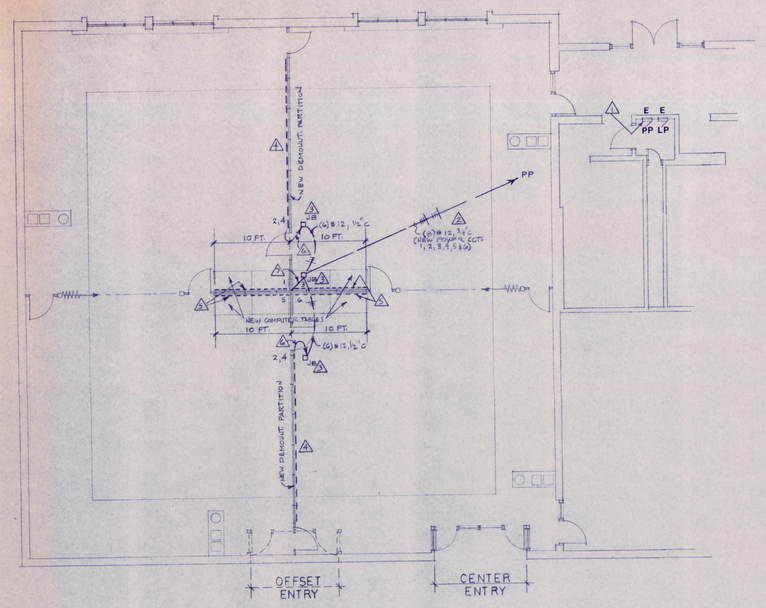
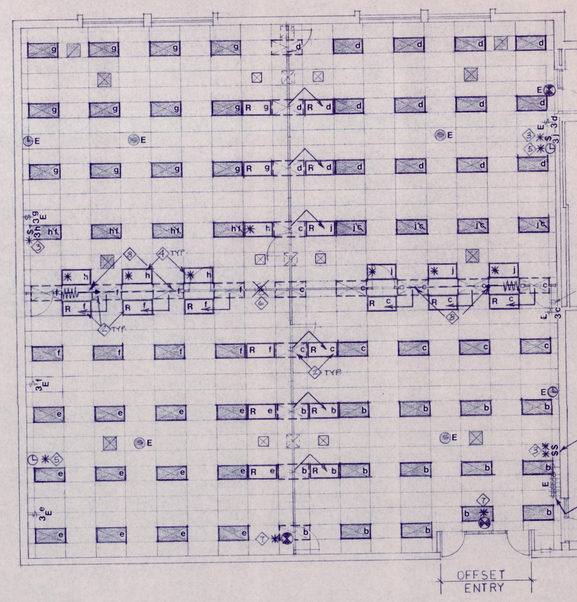


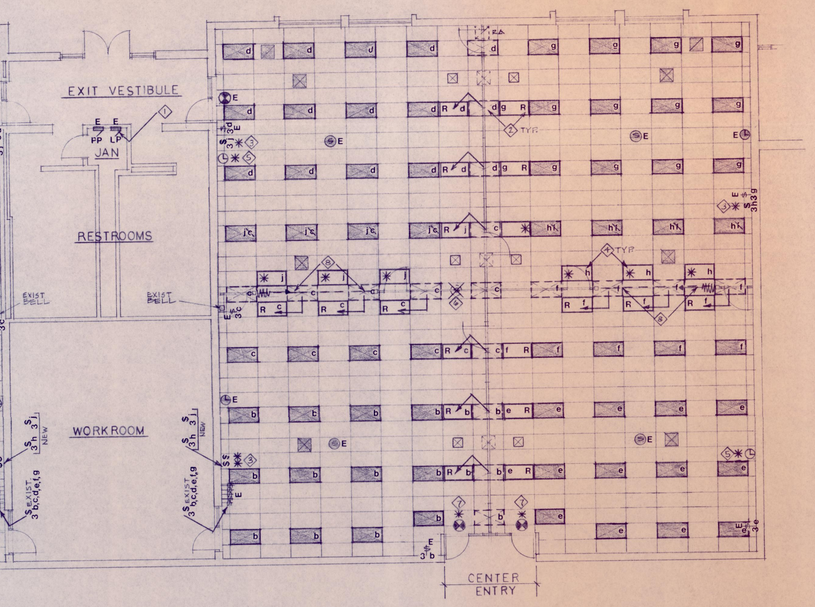
LEARNING CENTER ELEC. POWER PLAN

TYP. OF 2 BRUMMITT LEARNING CENTERS W/CENTER ENTRIES
TYP. OF 2 BRUMMITT LEARNING CENTERS W/OFFSET ENTRIES
TYP. OF 2 LIBERTY LEARNING CENTERS W/CENTER ENTRIES
TYP. OF 3 LIBERTY LEARNING CENTERS W/OFFSET ENTRIES



REVISED REFLECTED CEILING PLAN

TYP. OF 2 BRUMMITT LEARNING CENTERS W/OFFSET ENTRIES
TYP. OF 3 LIBERTY LEARNING CENTERS W/OFFSET ENTRIES



REVISED REFLECTED CEILING PLAN

TYP. OF 2 BRUMMITT LEARNING CENTERS W/CENTER ENTRIES
TYP. OF 2 LIBERTY LEARNING CENTERS W/CENTER ENTRIES

ELECTRICAL SYMBOLS

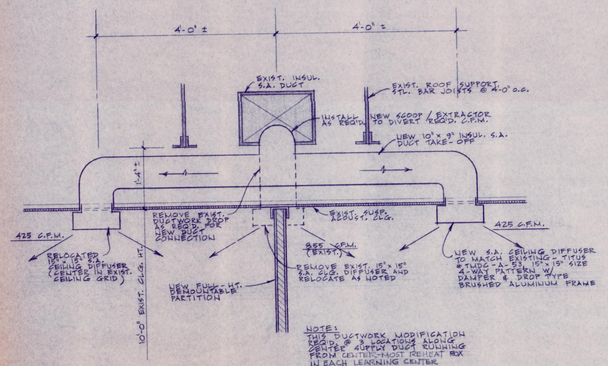
EXIST'G 1-8 FT. LAY-IN POWER LIGHT FIXT.	E$_S$ EXIST'G SINGLE POLE LIGHT SWITCH.
EXIST'G 1-8 FT. LAY-IN LIGHT FIXT. 'R' TO BE RELOCATED/REINSTALLED	E$_3$ EXIST'G 3-POLE LIGHT SWITCH.
RELOCATED 2x4 LAY-IN LIGHT FIXT. REQUIREMENT AS NOTED.	NEW SINGLE POLE LIGHT SWITCH.
NEW 2x4 12V.D.C. VEST. FIXT. LITHONIA # 2SVD-2-120-12-A.	NEW 3-POLE LIGHT SWITCH.
EXIST'G EXIT LIGHT FIXTURE (RELOCATE WHERE NOTED)	NEW ELECTRONIC INDICATING CLOCK: 12" DIA., BLACK CASE, SIMPLEX MODEL 2010-1910 FREQUENCY, SIMPLEX MODEL 2010-1935 WITH # 2098-1040 BACK BOX. VERIFY WITH ARCH. PRIOR TO PURCHASE FROM HEADQUARTERS HOT DEAL.
NEW EXIT LIGHT FIXTURE LITHONIA #EL10-120-12-A. CONNECT TO EXIST. ELEC. CIRCUIT.	EXIST'G CEILING T.A. SPEAKER TO REMAIN.
EXIST'G CEILING T.A. SPEAKER TO BE REMOVED.	E$_L$ EXIST. ELECTRONIC INDICATING CLOCK.

TYP. LEARNING CENTER ELECT./POWER WORK:
BRUMMITT & LIBERTY ELEM. SCHOOLS

1. INSTALL 6 NEW 2-POLE 20A BREAKERS IN EXIST. POWER PANEL PP FOR NEW POWER CIRCUITS 1, 2, 3, 4, 5 & 6.
2. RUN NEW CONDUIT & WIRING ABOVE EXISTING SUSPENDED CEILING FOR NEW POWER CIRCUITS 1, 2, 3, 4, 5 & 6.
3. INSTALL NEW 4x4 JUNCTION BOXES ABOVE CEILING WHERE INDICATED. COORDINATE EXACT LOCATIONS WITH DEMOUNTABLE PARTITION SUPPLIER FOR REQ'D POSITIONS TO INTERFACE WITH POWER-IN WIRING HARNESSES.
4. NEW 2-CRCT. DUPLEX RECEPTACLES (2 PER 4 FT. PART'N SECT. TYP) WITH FLEXIBLE CONDUIT WIRING HARNESSES FURNISHED WITH DEMOUNTABLE PARTITIONS. INSTALL IN PARTITION BASE RACEWAY.
5. NEW SERIES 1200 SURFACE-MOUNT WIREMOLD MULTI-OUTLET RACEWAY W/ SINGLE 20A RATED RECEPTACLES @ 12" o.c. TYPICAL. INSTALL ON FACE OF DEMOUNTABLE PARTITION @ 16" AFF. (4) 10 FT. RACEWAYS REQUIRED.
6. NEW 'POWER-IN' ELECT. POWER HARNESS FURNISHED W/ DEMOUNTABLE PARTITION SYSTEM. WIRE HARNESS TO NEW CEILING POWER JUNCTION BOX AND RUN DOWN PARTITION PANEL IN CONCEALED HOLLOW VERTICAL RACEWAY @ END OF PARTITION PANEL CLOSEST TO NEW DOOR PANEL.
7. NEW VERTICAL WIREMOLD RACEWAY FROM CEILING DOWN NEW DEMOUNTABLE PARTITION FACE TO NEW JUNCTION BOX 16" AFF. TO FEED NEW WIREMOLD MULTI-OUTLET RACEWAYS EA. SIDE OF DEMOUNTABLE PARTITIONS FOR NEW COMPUTER TABLES.

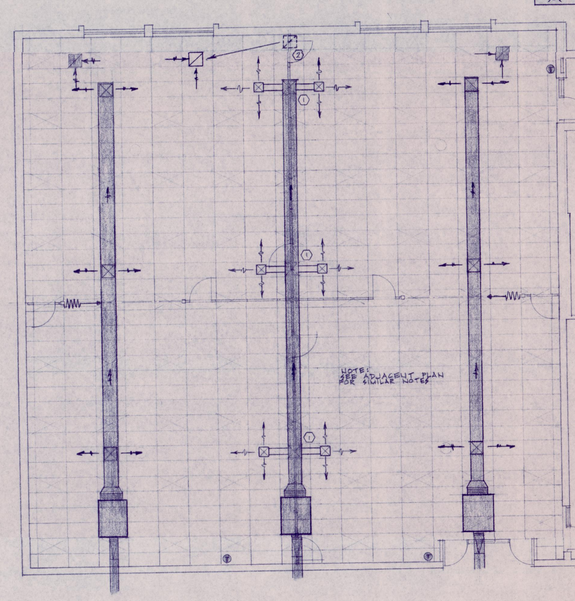
TYP. LEARNING CENTER CEIL./LIGHTING WORK:
BRUMMITT & LIBERTY ELEM. SCHOOLS

1. INSTALL 2 NEW 2-POLE 20A BREAKERS IN EXIST. LIGHT'G PANEL LP FOR NEW LIGHTING CIRCUITS 'j' & 'h'.
2. REMOVE/RELOCATE/RECIRCUIT 17 EXIST. 2x4 LAY-IN 4-TUBE FLUOR. LIGHT FIXTURES.
3. ADD NEW LIGHT SWITCHES S_3 & S_S AND NEW POWER FEEDS (CONDUIT & WIRING) FROM EXIST. ELECT. LIGHTING PANEL LP TO CREATE TWO NEW LIGHTING CIRCUITS 'h' & 'j'. RECIRCUIT SOME CIRCUIT 'c' & 'f' FIXTURES TO NEW CIRCUITS 'j' & 'h' SO THAT ALL LEARNING CENTER LIGHTING IS SUBDIVIDED INTO 4 NEW CLASSROOM AREAS.
4. FURNISH & INSTALL (7) NEW 2x4 LAY-IN 4-TUBE FLUOR. LIGHT FIXTURES.
5. FURNISH & INSTALL (2) NEW 12" DIA. SIMPLEX ELECTRONIC INDICATING WALL CLOCKS TO MATCH EXIST., AND CONNECT TO EXIST. BLDG. AUTOMATIC CLOCK SYSTEM.
6. REMOVE ONE CENTER P.A. CEILING SPEAKER AND CAP WIRING.
7. FURNISH & INSTALL (2) NEW EXIT LIGHT FIXTURES AND CONNECT TO NEAREST EXIST. BLDG. EMERGENCY LIGHTING CIRCUITS.
8. CUT EXIST. CEILING GRID/TILE SYSTEM AS REQ'D. AND INSTALL NEW CEILING SUPPORT HEADER & TRACK FOR NEW ACCORDIAN PARTITION AND PATCH CEILING TO MATCH ADJACENT. SEE DRAWING SHTS. A-1 & A-2 FOR FURTHER INFORMATION & DETAILS.



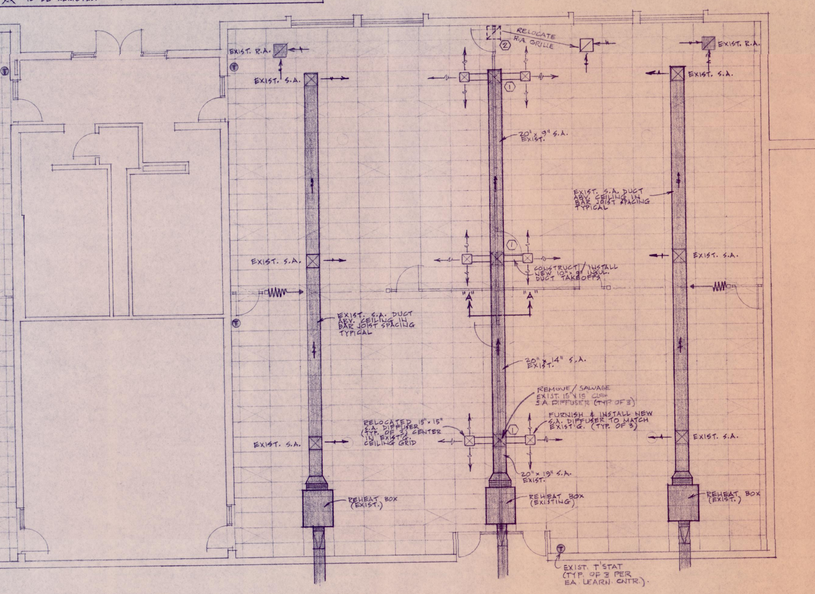
MECH. DUCTWORK SECTION 'A-A'

3/4" = 1'-0"



LEARNING CENTER HVAC PLAN

TYP. OF 2 BRUMMITT LEARNING CENTERS W/OFFSET ENTRIES
TYP. OF 3 LIBERTY LEARNING CENTERS W/OFFSET ENTRIES



LEARNING CENTER HVAC PLAN

TYP. OF 2 BRUMMITT LEARNING CENTERS W/CENTER ENTRIES
TYP. OF 2 LIBERTY LEARNING CENTERS W/CENTER ENTRIES

TYP. LEARNING CENTER HVAC REVISION WORK:
BRUMMITT & LIBERTY ELEM. SCHOOLS

1. MODIFY 3 EXIST. HVAC S.A. DIFFUSER DROPS FROM TRUNK DUCT RUNNING DOWN CENTER OF EACH LEARNING CENTER AS SHOWN ON HVAC PLAN AND ON MECH. DUCTWORK SECTION 'A-A'. WORK IS REQUIRED DUE TO CONFLICT WITH NEW DEMOUNTABLE PARTITIONS BEING INSTALLED DOWN CENTER OF LEARNING CENTERS.
2. RELOCATE EXIST. LEARNING CENTER CEILING R.A. GRILLE AS INDICATED ON HVAC PLAN. EXIST. CEILING IS RETURN AIR PLENUM IN EACH LEARNING CENTER TYPICAL.

REVISIONS	BY

BRUMMITT / LIBERTY L.C. MECH. / ELEC. PLANS & DTLS.
1994 BUILDING ADDITIONS & RENOVATION PROJECTS
DUNELAND SCHOOL CORPORATION
CHESTERTON, INDIANA
gerometta & kinel architects, inc.

DATE 3/31/94
SCALE AS NOTED
DRAWN RM/DJK
JOB 9318
SHEET ME-1
OF 12 SHEETS