M/E DESIGN SERVICES
MECHANICAL/ELECTRICAL CONSULTING ENGINEERS
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(219) 256-1914

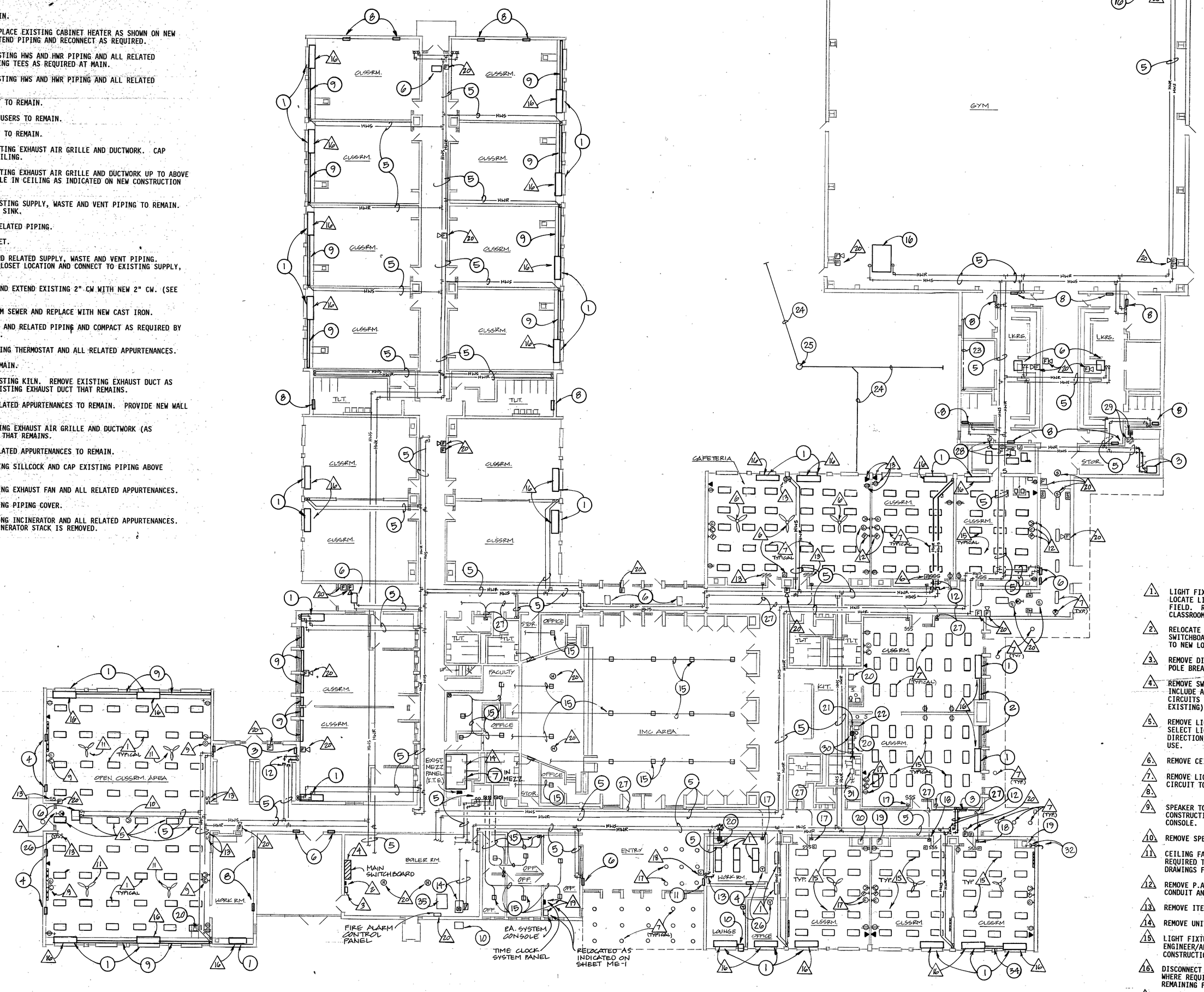
REVISIONS	BY

MECHANICAL DEMOLITION NOTES

1. DISCONNECT AND REMOVE EXISTING UNIT VENTILATOR AND ALL RELATED APPURTENANCES.
2. DISCONNECT AND REMOVE EXISTING FIN RADIATION AND ALL RELATED PIPING AND APPURTENANCES.
3. DISCONNECT AND REMOVE EXISTING CABINET HEATER AND ALL RELATED PIPING AND APPURTENANCES.
4. DISCONNECT AND REMOVE EXISTING CONVECTOR AND ALL RELATED PIPING AND APPURTENANCES.
5. EXISTING HWS AND HWR PIPING TO REMAIN.
6. EXISTING CABINET HEATER TO REMAIN.
7. DISCONNECT AND REMOVE EXISTING AIR HANDLING UNIT. EXISTING DUCTWORK TO REMAIN, RECONNECT AS REQUIRED.
8. EXISTING CONVECTOR TO REMAIN.
9. EXISTING FIN RADIATION TO REMAIN. REWORK AS REQUIRED FOR INSTALLATION OF NEW UNIT VENTILATOR.
10. EXISTING A/C UNIT TO REMAIN.
11. DISCONNECT, REMOVE AND REPLACE EXISTING CABINET HEATER AS SHOWN ON NEW CONSTRUCTION DRAWINGS. EXTEND PIPING AND RECONNECT AS REQUIRED.
12. DISCONNECT AND REMOVE EXISTING HWS AND HWR PIPING AND ALL RELATED APPURTENANCES. CAP EXISTING TEES AS REQUIRED AT MAIN.
13. DISCONNECT AND REMOVE EXISTING HWS AND HWR PIPING AND ALL RELATED APPURTENANCES.
14. EXISTING AIR HANDLING UNIT TO REMAIN.
15. EXISTING DUCTWORK AND DIFFUSERS TO REMAIN.
16. EXISTING AIR HANDLING UNIT TO REMAIN.
17. DISCONNECT AND REMOVE EXISTING EXHAUST AIR GRILLE AND DUCTWORK. CAP EXISTING DUCTWORK ABOVE CEILING.
18. DISCONNECT AND REMOVE EXISTING EXHAUST AIR GRILLE AND DUCTWORK UP TO ABOVE CEILING. PROVIDE NEW GRILLE IN CEILING AS INDICATED ON NEW CONSTRUCTION DRAWINGS.
19. REMOVE EXISTING SINK. EXISTING SUPPLY, WASTE AND VENT PIPING TO REMAIN. REWORK AS REQUIRED FOR NEW SINK.
20. REMOVE EXISTING SINK AND RELATED PIPING.
21. REMOVE EXISTING WATER CLOSET.
22. REMOVE EXISTING LAVATORY AND RELATED SUPPLY, WASTE AND VENT PIPING. RELOCATE TO VACATED WATER CLOSET LOCATION AND CONNECT TO EXISTING SUPPLY, SOIL AND VENT.
23. REMOVE EXISTING 1 1/4" CW AND EXTEND EXISTING 2" CW WITH NEW 2" CW. (SEE SHEET P-2).
24. REMOVE EXISTING V.T.S. STORM SEWER AND REPLACE WITH NEW CAST IRON.
25. REMOVE EXISTING CATCH BASIN AND RELATED PIPING AND COMPACT AS REQUIRED BY DIVISION 1. (SEE SHEET P-2).
26. DISCONNECT AND REMOVE EXISTING THERMOSTAT AND ALL RELATED APPURTENANCES.
27. EXISTING EXHAUST DUCT TO REMAIN.
28. DISCONNECT AND RELOCATE EXISTING KILN. REMOVE EXISTING EXHAUST DUCT AS SHOWN ON DRAWING AND CAP EXISTING EXHAUST DUCT THAT REMAINS.
29. EXISTING EXHAUST FAN AND RELATED APPURTENANCES TO REMAIN. PROVIDE NEW WALL SWITCH NEXT TO HOOD.
30. DISCONNECT AND REMOVE EXISTING EXHAUST AIR GRILLE AND DUCTWORK (AS INDICATED) AND CAP EXISTING THAT REMAINS.
31. EXISTING EXHAUST FAN AND RELATED APPURTENANCES TO REMAIN.
32. DISCONNECT AND REMOVE EXISTING SILLCOCK AND CAP EXISTING PIPING ABOVE CEILING.
33. DISCONNECT AND REMOVE EXISTING EXHAUST FAN AND ALL RELATED APPURTENANCES.
34. DISCONNECT AND REMOVE EXISTING PIPING COVER.
35. DISCONNECT AND REMOVE EXISTING INCINERATOR AND ALL RELATED APPURTENANCES. CAP CHIMNEY STACK WHERE INCINERATOR STACK IS REMOVED.

GENERAL MECHANICAL DEMOLITION NOTES

1. INSPECT ALL EQUIPMENT THAT IS TO BE RELOCATED OR REUSED. INFORM THE ENGINEER/OWNER OF ANY DAMAGED OR FAULTY COMPONENTS DISCOVERED DURING CONSTRUCTION.
2. WHERE REMOVAL OF PIPING, EQUIPMENT, ETC. IS NOTED, IT SHALL INCLUDE REMOVAL OF ALL ASSOCIATED APPURTENANCES, HANGERS, INSULATION, ETC. REMOVAL OF PIPING SHALL BE COMPLETE BACK TO THE NEAREST ACTIVE MAIN OR RISER. WHERE THE BRANCH CONNECTION SHALL BE CAPPED OR PLUGGED. COORDINATE EXACT EXTENTS WITH NEW CONSTRUCTION.
3. THE OWNER RETAINS FIRST SALVAGE RIGHTS TO ALL EQUIPMENT. VERIFY IN-FIELD THE ITEMS TO BE RETAINED WITH OWNERS REPRESENTATIVE. ALL OTHER MATERIALS SHALL BE REMOVED FROM THE SITE IMMEDIATELY.
4. COORDINATE SCHEDULE OF DEMOLITION WORK WITH OTHER TRADES. COORDINATE SHUT-DOWN OF MAIN SERVICES WITH OWNER (I.E. COLD WATER, ETC.).
5. ANY ITEMS TO REMAIN THAT ARE DAMAGED BY THE MECHANICAL TRADE SHALL BE REPAIRED AT NO ADDITIONAL COST.
6. PIPING SHOWN ON DRAWINGS IS INTENDED TO INDICATE GENERAL PIPING EXTENT AND LAYOUT OF MAJOR COMPONENTS ONLY. FIELD VERIFY ACTUAL CONDITIONS, LOCATIONS, ARRANGEMENT, ETC.



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DEMOLITION PLAN

1/16" = 1'-0

GENERAL ELECTRICAL DEMOLITION NOTES

1. THE ELECTRICAL DRAWINGS INDICATE EXISTING ELECTRICAL ITEMS TO BE REMOVED. THE DRAWINGS ARE INTENDED TO INDICATE THE SCOPE OF WORK REQUIRED AND DO NOT INDICATE EVERY BOX, CONDUIT, OR WIRE THAT MUST BE REMOVED. THE ELECTRICAL CONTRACTOR SHALL VISIT THE SITE PRIOR TO SUBMITTING A BID AND VERIFY EXISTING CONDITIONS.
2. ELECTRICAL ITEMS REMOVED AND NOT RELOCATED REMAIN THE PROPERTY OF THE OWNER. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE DISPOSAL OF MATERIAL AND SCRAP THE OWNER DOES NOT WANT TO RETAIN OR REUSE. VERIFY IN FIELD, THE ITEMS TO BE RETAINED WITH THE OWNER'S REPRESENTATIVE.
3. THE ELECTRICAL CONTRACTOR SHALL COORDINATE ALL HIS WORK WITH THE GENERAL CONTRACTOR AND THE OTHER CONTRACTORS AT THE JOB SITE BEFORE REMOVING EXISTING ELECTRICAL ITEMS AND INSTALLING NEW ITEMS.
4. WHERE LIGHTS, SWITCHES, RECEPTACLES, ETC., ARE INDICATED AS BEING REMOVED, IT SHALL ALSO INCLUDE ALL ASSOCIATED CONDUIT AND WIRE BACK TO THE PANELBOARD SERVING THE DEVICE OR TO NEAREST ACTIVE POINT AS APPLICABLE.
5. WHERE CONDUIT REQUIRING REMOVAL IS IN THE CONCRETE SLAB, CUT OFF FLUSH, PULL OUT WIRE, AND PLUG. WHERE CONDUIT IS RUN EXPOSED, ALL ASSOCIATED CLAMPS, SUPPORTS, HANGERS, ETC., SHALL ALSO BE REMOVED.
6. ELECTRICAL CONTRACTOR SHALL PROVIDE ALL CUTTING AND PATCHING OF EXISTING WALLS, CEILING AND FLOORS AS REQUIRED FOR NEW AND DEMOLITION WORK.

ELECTRICAL DEMOLITION NOTES

1. LIGHT FIXTURES WITHIN NEW CLASSROOM AREAS TO REMAIN FOR RE-USE. RE-LOCATE LIGHT FIXTURES WITHIN NEW CLASSROOMS AS DIRECTED BY ENGINEER IN FIELD. RE-WIRE/SWITCH LIGHT FIXTURES AS REQUIRED FOR FOUR SEPARATE CLASSROOMS (SEE NEW CONSTRUCTION DRAWINGS).
2. RELOCATE PANELBOARD, TIME CLOCK, AND ASSOCIATED ITEMS OUT OF WAY OF NEW SWITCHBOARD. EXTEND ALL PANELBOARD BRANCH CIRCUITS AND PANELBOARD FEEDER TO NEW LOCATION.
3. REMOVE DISCONNECT SWITCH. EXTEND 600 AMP FEEDER TO NEW 600 AMP, THREE POLE BREAKER IN NEW SWITCHBOARD.
4. REMOVE SWITCHBOARD, METERING EQUIPMENT, ETC. COORDINATE WITH NIPSCO AND INCLUDE ALL COSTS IN BASE BID. EXTEND EXISTING SWITCHBOARD BRANCH CIRCUITS TO NEW BREAKERS (NUMBER AND RATINGS OF NEW BREAKERS TO MATCH EXISTING) IN NEW SWITCHBOARD.
5. REMOVE LIGHT FIXTURES OUTSIDE OF NEW CLASSROOM AREAS ONLY. REPLACE SELECT LIGHT FIXTURES WITHIN NEW CLASSROOMS WITH CORRIDOR FIXTURES AT DIRECTION OF ENGINEER. DISPOSE OF LIGHT FIXTURES NOT SELECTED FOR RE-USE.
6. REMOVE CEILING FAN, FAN CONTROLS AND ASSOCIATED BRANCH CIRCUIT.
7. REMOVE LIGHT FIXTURES AND ASSOCIATED APPARATUS. LIGHT FIXTURE BRANCH CIRCUIT TO REMAIN FOR RE-USE.
8.
9. SPEAKER TO REMAIN. RECONNECT TO NEW "PUSH-TO-CALL" BUTTON (REFER TO NEW CONSTRUCTION DRAWINGS) AND CIRCUIT BACK TO EXISTING BLDG. P.A. SYSTEM CONSOLE.
10. REMOVE SPEAKER AND REINSTALL ON NEW CEILING.
11. CEILING FAN TO REMAIN. RELOCATE FAN SWITCH OR PROVIDE NEW FAN SWITCH AS REQUIRED TO ALLOW FOR INDIVIDUAL CONTROL. REFER TO NEW CONSTRUCTION DRAWINGS FOR INDIVIDUAL CONTROL LOCATION.
12. REMOVE P.A. SPEAKER, CLOCK, AND "PUSH-TO-CALL' SWITCH AND ASSOCIATED CONDUIT AND CABLE.
13. REMOVE ITEM.
14. REMOVE UNIT BRANCH CIRCUIT.
15. LIGHT FIXTURES TO REMAIN FOR RE-USE. RELOCATE FIXTURES AS DIRECTED BY ENGINEER/ARCHITECT IN FIELD. REMOVE LIGHT FIXTURES CONFLICTING WITH NEW CONSTRUCTION AS REQUIRED. REFER TO SHEETS E-4, E-5, E-6.
16. DISCONNECT MECHANICAL UNIT. UNIT BRANCH CIRCUIT MAY REMAIN FOR RE-USE WHERE REQUIRED (REFER TO SHEETS E-1, E-2, E-3). REMOVE CIRCUITS, NOT REMAINING FOR RE-USE, BACK TO BRANCH PANELBOARD.
17. REMOVE LIGHTS OUT OF WAY OF NEW RECEPTION AREA.
18. RELOCATE EMERGENCY LIGHT CONTROL PANEL OUT OF WAY OF NEW CONSTRUCTION.
19. RELOCATE P.A. SYSTEM CONSOLE AND TIME CLOCK CONTROL PANEL AS INDICATED ON NEW CONSTRUCTION DRAWINGS. EXTEND ALL ASSOCIATED CONDUIT AND CABLES TO NEW LOCATION.
20. REMOVE FIRE ALARM DEVICE AND ASSOCIATED CABLE. CONDUIT MAY REMAIN FOR REUSE WHERE APPLICABLE. REMOVE ALL CONDUIT NOT REUSED FOR NEW F.A. SYSTEM CABLES.

MECH. / ELEC. DEMOLITION PLAN

1994 BUILDING ADDITIONS & RENOVATION PROJECTS
DUNELAND SCHOOL CORPORATION
CHESTERTON, INDIANA

gerometta & kinel architects, inc.
chesterton, indiana

DATE	3-17-94
SCALE	1/16" = 1'-0
DRAWN	KSK
JOB	9315
SHEET	MED-1
OF 41 SHEETS	

94-MED-01

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STOCKDRAFTING FORM NO. 101-06