

BOARD OF EDUCATION OF HOWARD COUNTY

DUNLOGGIN MIDDLE SCHOOL

ARCHITECTURAL, MECHANICAL AND ELECTRICAL RENOVATIONS

PHASES 1, 2, AND 3

DRAWING LIST

1	TITLE SHEET
PRO 1	PHASING PLAN
A0-1	DEMOLITION PLAN
A1-1	PARTITION PLAN (PART A)
A1-2	PARTITION PLAN (PART B)
A3-1	BENCHMARK PLAN
A3-2	BENCHMARK ELEVATIONS
A4-1	DETAILS
A4-2	DETAILS
A6-1	SCHEDULES - FINISH DOOR
A7-1	REFLECTED CEILING PLAN
A0.1	GENERAL NOTES, SYMBOLS, AND ABBREVIATIONS
M1.1	MECHANICAL DEMOLITION PLAN, PART 'A'
M1.2	MECHANICAL DEMOLITION PLAN, PART 'B'
M1.3	MECHANICAL DEMOLITION PLAN, PENTHOUSE, MECHANICAL ROOM, AND GYMNASIUM
M1.4	MECHANICAL DEMOLITION PLAN, PART 'A'
M1.5	PENTHOUSE, MECHANICAL ROOM DEMOLITION PLAN
M1.6	MECHANICAL DEMOLITION PLAN, PART 'B'
M1.7	ROOF DEMOLITION PLAN
M2.1	MECHANICAL PLAN, PART 'A'
M2.2	MECHANICAL PLAN, PART 'B'
M2.3	PENTHOUSE MECHANICAL PLAN
M2.4	MECHANICAL PLAN, PART 'A'
M2.5	PENTHOUSE MECHANICAL PLAN
M2.6	MECHANICAL PLAN, PART 'B'
M2.7	MECHANICAL PLANS, GYMNASIUM AND OIM MECHANICAL ROOM
M2.8	MECHANICAL PIPING PLAN, PART 'A'
M2.9	MECHANICAL PIPING PLAN, PART 'B'
M2.10	ROOF MECHANICAL PLAN
M3.1	MECHANICAL DETAILS
M4.1	SCHEDULES
M4.2	MECHANICAL SCHEDULES
M6.1	CONTROL DIAGRAMS
M6.2	CONTROL DIAGRAMS
M6.3	SEQUENCE OF OPERATION
P1.1	PLUMBING DEMOLITION PLAN, PART 'A'
P2.1	PLUMBING PLAN, PART 'A'
P2.2	PLUMBING DETAILS
S11	STRUCTURAL PLANS, SECTIONS AND DETAILS
E0.1	GENERAL NOTES, SYMBOLS AND ABBREVIATIONS
E1.1	ELECTRICAL DEMOLITION PLAN, PART 'A' - PHASE 1
E1.2	ELECTRICAL DEMOLITION PLAN, PART 'B' - PHASE 1
E1.3	ELECTRICAL DEMOLITION PLAN, PENTHOUSE, MECHANICAL ROOM, AND GYMNASIUM
E1.4	ELECTRICAL DEMOLITION PLAN, PART 'A'
E1.5	ELECTRICAL DEMOLITION PLAN, PART 'B'
E1.6	ELECTRICAL DEMOLITION PLAN, PART 'A'
E1.7	PROTECTION SYSTEMS DEMOLITION PLAN
E2.1	ELECTRICAL PLAN, PART 'A' - PHASE 1
E2.2	ELECTRICAL PLAN, PART 'B' - PHASE 1
E2.3	ELECTRICAL PLAN, PENTHOUSE, MECHANICAL ROOM, AND GYMNASIUM
E2.4	ELECTRICAL PLAN, PART 'A' - PHASE 2
E2.5	ELECTRICAL PLAN, PART 'B' - PHASE 3
E2.6	ELECTRICAL SCHEDULES AND DETAILS
E2.7	ELECTRICAL SCHEDULES AND DETAILS
E2.8	ELECTRICAL SCHEDULES
E2.9	ELECTRICAL SCHEDULES
E3.1	POWER AND SPECIAL SYSTEMS PLAN, PART 'A' - PHASE 1
E3.2	POWER AND SPECIAL SYSTEMS PLAN, PART 'B' - PHASE 1
E3.3	POWER AND SPECIAL SYSTEMS PLAN, PART 'A' - PHASE 2
E3.4	POWER AND SPECIAL SYSTEMS PLAN, PART 'B' - PHASE 2
E3.5	POWER AND SPECIAL SYSTEMS PLAN, PART 'A' - PHASE 3
E3.6	POWER AND SPECIAL SYSTEMS PLAN, PART 'B' - PHASE 3
E3.7	PROTECTION SYSTEMS PLAN - PHASE 1



DUNLOGGIN MIDDLE SCHOOL
8129 NORTHFIELD ROAD
ELLICOTT CITY, MD. 20142

PROJECT INTENT

THE PROJECT INTENT IS TO REPLACE THE EXISTING CONSTANT VOLUME AIR HANDLERS WITH VARIABLE AIR VOLUME (VAV) AIR HANDLERS, CONSTANT VOLUME UNITS, AND TWO ROOFTOP UNITS, AS WELL AS TO MAKE A VARIETY OF OTHER ARCHITECTURAL, ELECTRICAL, AND MECHANICAL IMPROVEMENTS. ONE ROOFTOP UNIT IS TO BE "SINGLE ZONE AND ONE IS A VAV UNIT. THE EXISTING HEATING/COOLING PIPING SYSTEM IS TO BE REPLACED. THE HOT WATER SUPPLY AND RETURN SYSTEM THAT PROVIDED HEAT TO ZONE HEATING COILS WILL ALSO BE REPLACED TO PROVIDE HEAT FOR THE VAV BOXES. ALSO ARCHITECTURAL MODIFICATIONS TO THE FLOOR PLAN WILL BE MADE. THE EXISTING SPRINKLER SYSTEM WILL BE MODIFIED TO ACCOMMODATE THE RENOVATIONS TO THE BUILDING. THE PENTHOUSE MECHANICAL ROOM WILL BE SPRINKLERED. THE EXISTING ELECTRICAL, AUTOMATIC TEMPERATURE CONTROL, AND WATER SYSTEMS WILL BE MODIFIED. A 600-GALLON DOMESTIC HOT WATER STORAGE TANK WILL REPLACE THE EXISTING TANK. THE WORK WILL ALSO INCLUDE THE ADDITION OF NEW VOICE, MEDIA RETRIEVAL, DATA NETWORK, PUBLIC ADDRESS, FIRE ALARMS, AND SECURITY SYSTEMS.

THE WORK IS SCHEDULED TO BE COMPLETED IN THREE PHASES, EACH PHASE OCCURRING DURING THE SUMMER BREAK OF THE SCHOOL. REFER TO THE PROJECT MANUAL FOR THE CONSTRUCTION SCHEDULE.

RECEIVED
OCT 3 1997
ENERGY APPLICATIONS

BOARD OF EDUCATION OF HOWARD COUNTY
DUNLOGGIN MIDDLE SCHOOL
ARCHITECTURAL AND ELECTRICAL RENOVATIONS

DATE: _____
BY: _____
TITLE: _____