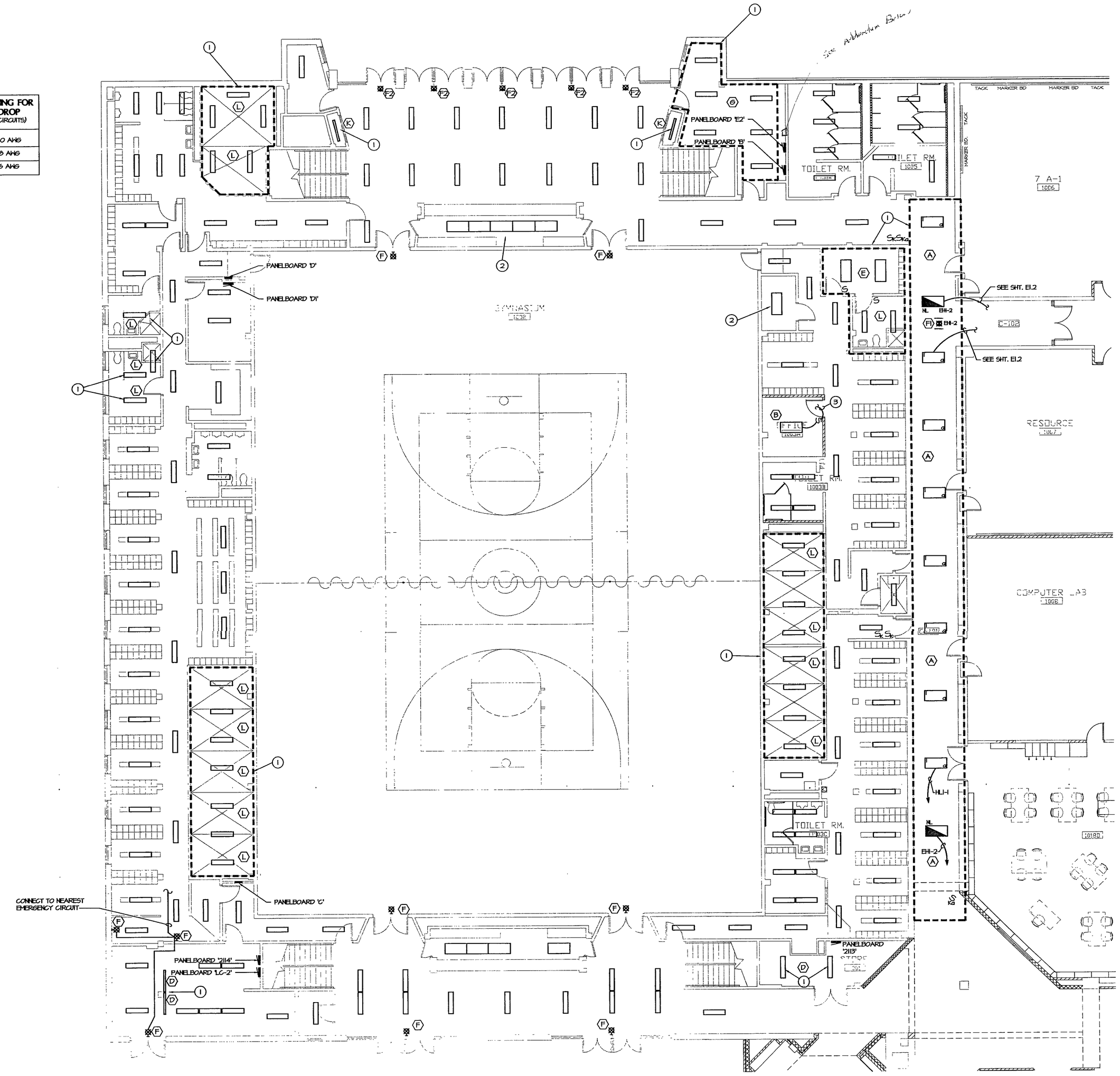
WIRING SIZING FOR VOLTAGE DROP (20A, 120V. CIRCUITS)	
>40'	#10 AWG
>75'	#8 AWG
>275'	#6 AWG



2-81

Sheet E1.1.

a. Provide a lighting contactor equal to Square D #8903-LG30-V02 with normally closed contacts. Coil shall be connected to spare 20A, 120V circuit on Panel 'B'. Existing gymnasium incandescent emergency lighting fixtures connected to Panel E2 shall be routed through this contactor prior to connection to Panel E2

GENERAL ELECTRICAL NOTES:

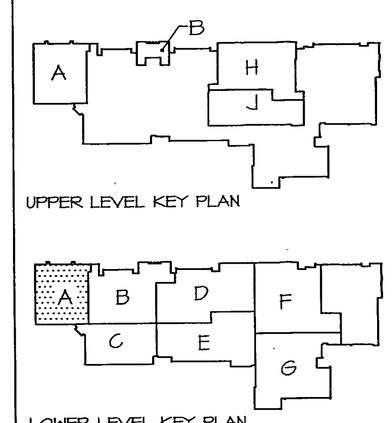
A. UNLESS INDICATED AS NOTE #1 OR NOTE #2, ALL LIGHTING FIXTURES IN UNIT 'A' SHALL BE PROVIDED WITH THE FOLLOWING, EXCEPT WHERE INDICATED OTHERWISE: TWO (2) T-8 LAMPS, ONE (1) TWO-LAMP ELECTRONIC BALLAST AND ONE (1) PATTERN 12, 0.125" THICK ACRYLIC LENS FOR A 1'x4' LIGHTING FIXTURE. FIELD VERIFY EXISTING LIGHTING FIXTURES REQUIREMENTS PRIOR TO ORDERING.

B. ALL LIGHTING SWITCHES INDICATED SHALL BE NEW DEVICES AND COVER PLATES INSTALLED IN EXISTING OUTLET BOXES.

C. SEE SHEET E4.0 "LIGHTING FIXTURE SCHEDULE", NOTE 1, FOR TYPE OF ELECTRONIC BALLAST REQUIRED.

NOTES:

1. REPLACE LIGHTING FIXTURES AS INDICATED. RECONNECT TO EXIST. CIRCUITS UNLESS INDICATED OTHERWISE.
2. LIGHTING FIXTURES IN UNIT 'A' SHALL BE PROVIDED WITH THE FOLLOWING, EXCEPT WHERE INDICATED OTHERWISE: TWO (2) T-8 LAMPS, ONE (1) TWO-LAMP ELECTRONIC BALLAST AND ONE (1) PATTERN 12, 0.125" THICK ACRYLIC LENS FOR A 2'x4' LIGHTING FIXTURE.
3. CONNECT TO UNSWITCHED CIRCUIT SERVING AREA. WIRE AS INDICATED.



NORTH
SCALE: 1/8" = 1'-0"

ARCHITECTS
ENGINEERS
PLANNERS

VEAZEY
PARROTT
DURKIN &
SHOULDERS

528 Main Street
Suite 400
Evansville, In 47708

RENOVATION PROJECT FOR:

DUNELAND SCHOOL CORP.
CHESTERTON HIGH SCHOOL/MIDDLE SCHOOL
CHESTERTON, INDIANA

Drawing Title:
LIGHTING PLAN - UNIT 'A'

Project No: 1880.00
Project Date: JUNE 2000
Drawn By: BWH
Approved By: TLM
Drawing No: E 1.1

THOMAS H. DURKIN
REGISTERED
No.
19257
STATE OF
INDIANA
PROFESSIONAL ENGINEER

2000-E-16