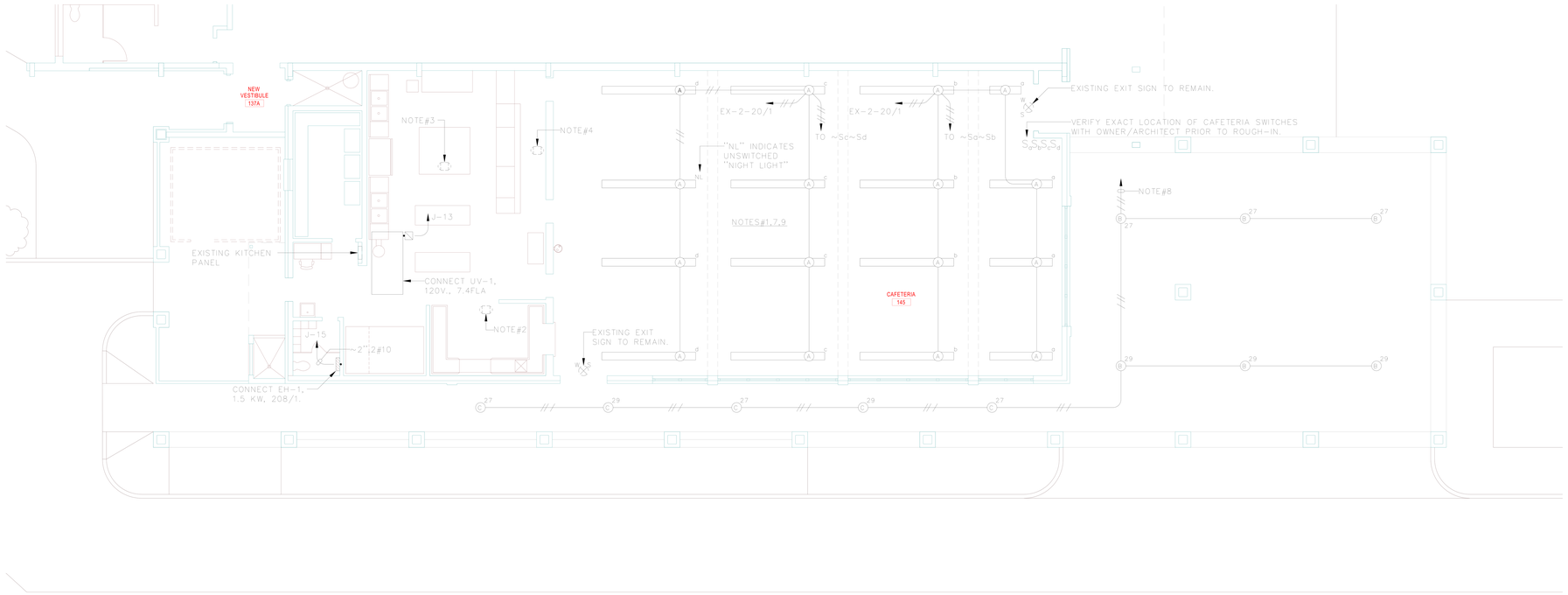
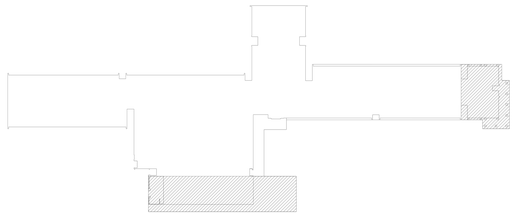


CAFETERIA/CANOPY PLAN – ELECTRICAL

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

NOTES:

1. REMOVE EXISTING CAFETERIA LIGHTING FIXTURES AND PROVIDE NEW LIGHTING FIXTURES AS ILLUSTRATED
2. EXISTING DISHWASHER EXHAUST FAN TO BE RELOCATED FROM EXISTING ROOF TO NEW LOCATION ON ROOF. RELOCATE EXISTING DISCONNECT SWITCH TO NEW LOCATION OF FAN. EXTEND EXISTING BRANCH CIRCUIT WIRING PRESENTLY SERVING FAN TO NEW LOCATION AND RECONNECT AS REQUIRED.
3. EXISTING KITCHEN HOOD EXHAUST FAN TO BE RELOCATED FROM EXISTING ROOF TO NEW LOCATION ON ROOF. RELOCATE EXISTING DISCONNECT SWITCH TO NEW LOCATION OF FAN. EXTEND EXISTING BRANCH CIRCUIT WIRING PRESENTLY SERVING FAN TO NEW LOCATION AND RECONNECT AS REQUIRED.
4. EXISTING KITCHEN HOOD MAKE-UP AIR UNIT TO BE RELOCATED FROM EXISTING ROOF TO NEW LOCATION ON ROOF. RELOCATE EXISTING DISCONNECT SWITCH TO NEW LOCATION OF MAKE-UP AIR UNIT. EXTEND EXISTING BRANCH CIRCUIT WIRING PRESENTLY SERVING MAKE-UP AIR UNIT TO NEW LOCATION AND RECONNECT AS REQUIRED.
5. COORDINATE EXACT ROUGH-IN LOCATIONS FOR ALL HVAC EQUIPMENT WITH MECHANICAL CONTRACTOR PRIOR TO INSTALLATION OF CONDUIT.
6. PANEL "J" IS AN EXISTING 100-AMPERE, 120/208 VOLT, 3-PHASE PANEL AT GYMATORIUM STAGE. CONNECT CIRCUIT J-13 SHOWN TO A SPARE 20/1 BREAKER EXISTING IN PANEL "J". FURNISH AND INSTALL A 20/2 BREAKER IN "J" TO SERVE CIRCUIT J-15. FOR PURPOSES OF BIDDING, ASSUME LINEAR DISTANCES OF 100FT. FOR CIRCUIT J-15 AND 80FT. FOR CIRCUIT J-13.
7. CIRCUITS FOR CAFETERIA 145 LIGHTING SHALL BE FED FROM EXISTING PANELBOARD LOCATED IN KITCHEN. EXISTING CONDUIT, J-BOXES, ETC. PRESENTLY SERVING CAFETERIA LIGHTING MAY BE REUSED TO THE MAXIMUM EXTENT PRACTICABLE TO SERVE NEW LIGHTING ARRANGEMENT SHOWN. NEW BRANCH CIRCUIT CONDUCTORS, INCLUDING EQUIPMENT GROUNDING CONDUCTORS, SHALL BE PULLED THROUGH EXISTING CONDUIT IS FROM EXISTING KITCHEN PANELBOARD IF EXISTING CONDUIT IS UTILIZED. OTHERWISE, PROVIDE ALL NEW CONDUIT, CONDUCTORS, ETC. AS ILLUSTRATED.
8. EXTEND ~3",3#10,1#10G. LINE TO EXISTING PANEL "G" AND CONNECT TO 2-20/1 "SPARE" CIRCUIT BREAKERS (CKTS. G-27,29). ADD TWO "POLES" TO EXISTING MULTI-POLE LIGHTING CONTACTOR SUCH THAT NEW UNDERCANOPY LIGHTS ARE CONTROLLED BY PHOTOCELL WITH OTHER CAMPUS EXTERIOR LIGHTS. UTILIZE #10AWG WIRING ALONG ENTIRE LENGTH OF RUN.
9. ALL WORK SHOWN IN CAFETERIA 145 SHALL BE ALTERNATE "E1" WORK.



KEY PLAN

SCALE: NTS

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PHASE TWO ADDITIONS AND RENOVATIONS
HIWASSEE DAM SCHOOL
Cherokee County, N.C.

PADGETT & FREEMAN ARCHITECTS, P.A.
ARCHITECTURE PLANNING INTERIORS
30 Choctaw Street Asheville, NC 28801 828-254-1963

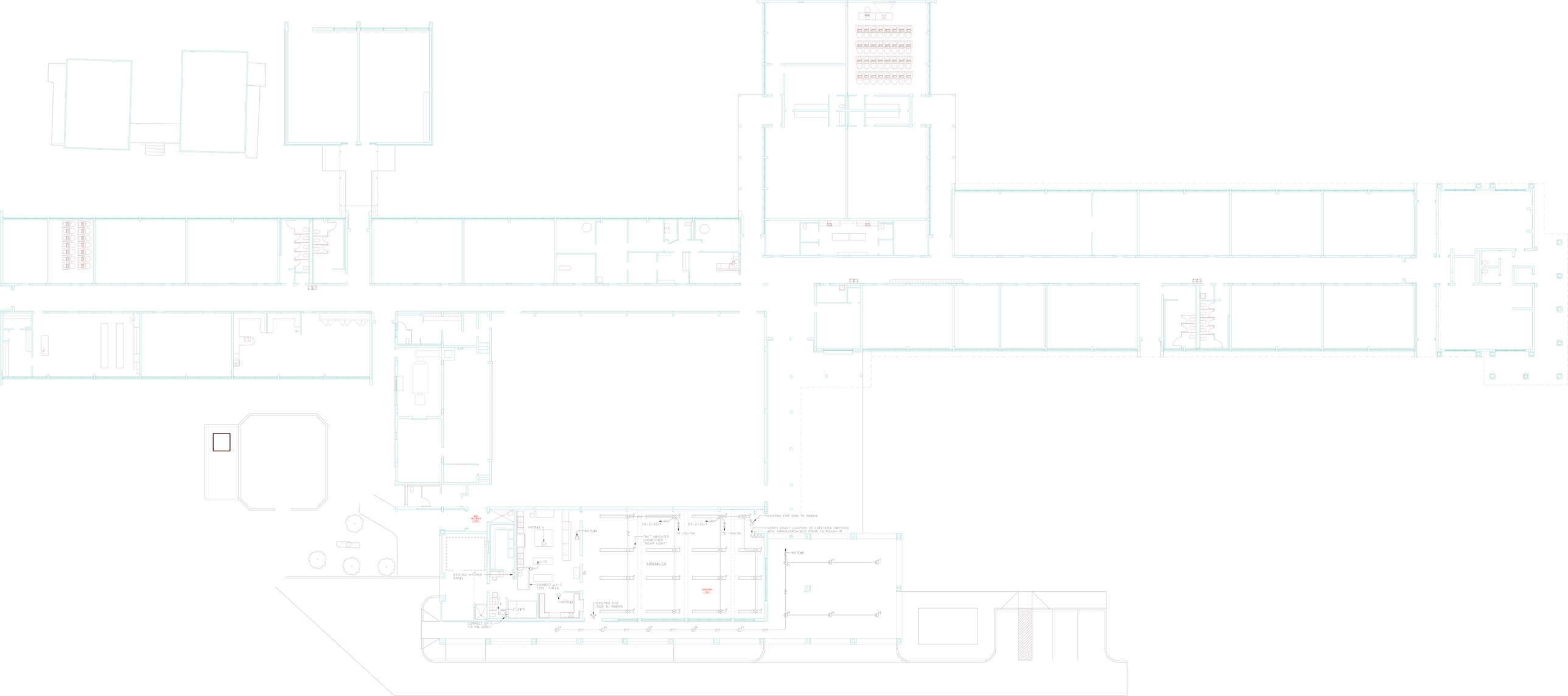
Drawing
CANOPY PLAN
LIGHTING

Date
5-27-04

Sheet
E1

Of

Altered – Hiwassee Dam Phase 2 – Canopy Plan – Lighting.dwg
J.C.M. 03/11/05 10:29 AM HD4144(HD)



EXISTING KITCHEN PANEL
CONNECT UV-1, 120V, 7.4FLA
CONNECT EH-1, 1.5 KW, 208/1
EXISTING EXIT SIGN TO REMAIN
"NL" INDICATES UNSWITCHED "NIGHT LIGHT"
EX-2-20/T
TO -Sd-Sb
EXISTING EXIT SIGN TO REMAIN.
VERIFY EXACT LOCATION OF CAFETERIA SWITCHES WITH OWNER/ARCHITECT PRIOR TO ROUGH-IN.
NOTE#3
NOTE#4
NOTE#2
NOTE#8
NOTES#1,7,9
CAFETERIA