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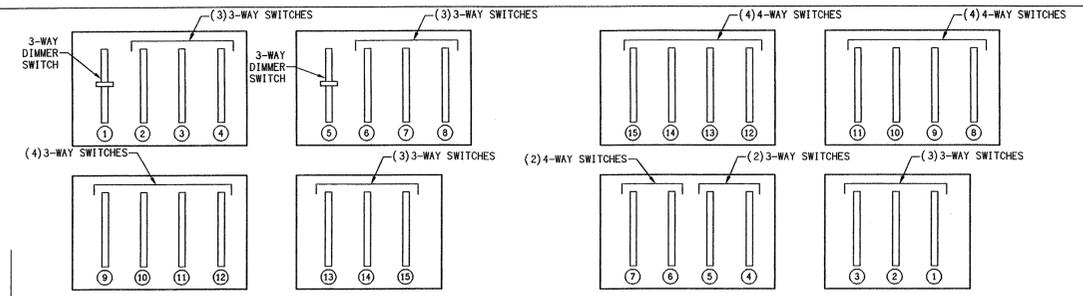
WILMINGTON ACADEMY
CHRISTIAN COLLEGE ROAD
WILMINGTON, NC

INITIAL DATE: 2/11/01
 COMPLETED: 1/31/02
 DRAWN BY: -
 CHECKED BY: -
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 REVISIONS:

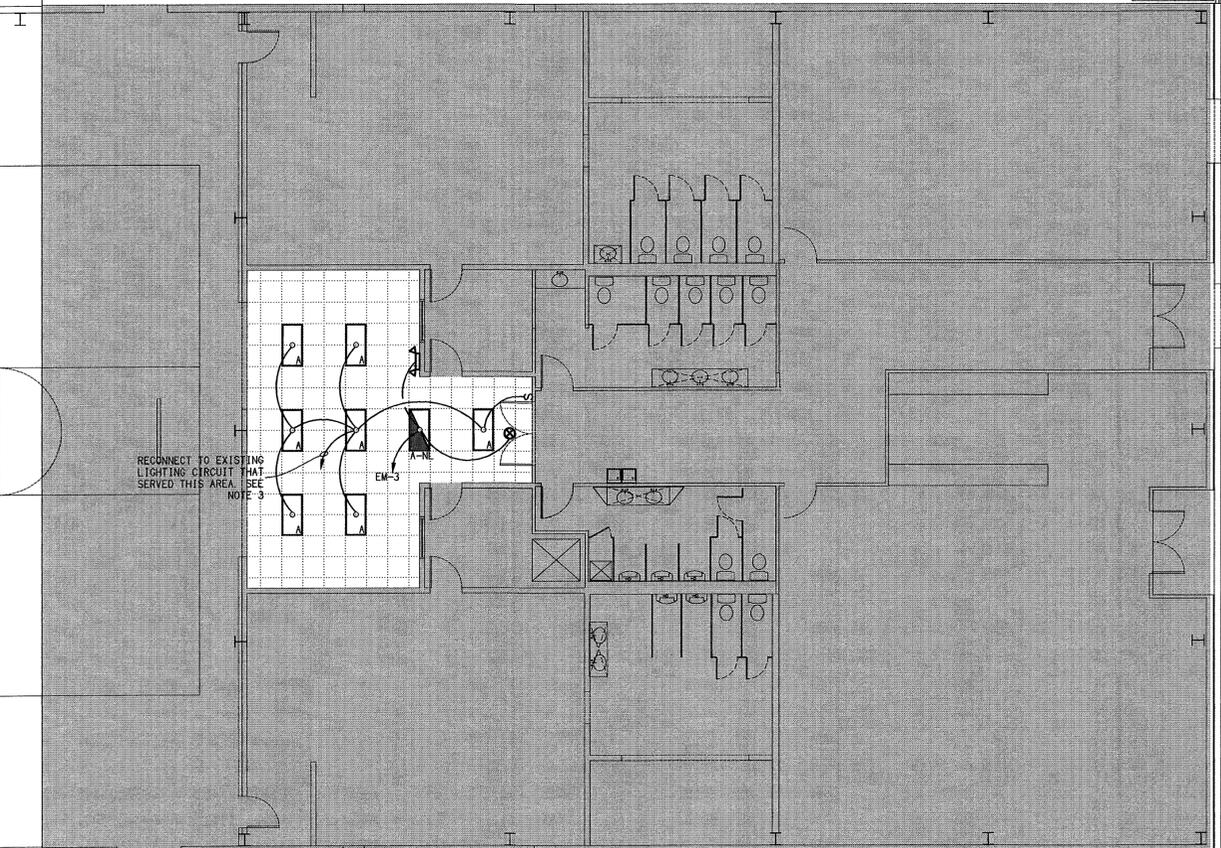
DRAWING:
 LIGHTING PLAN

SHEET:
 - 2
 OF: 5

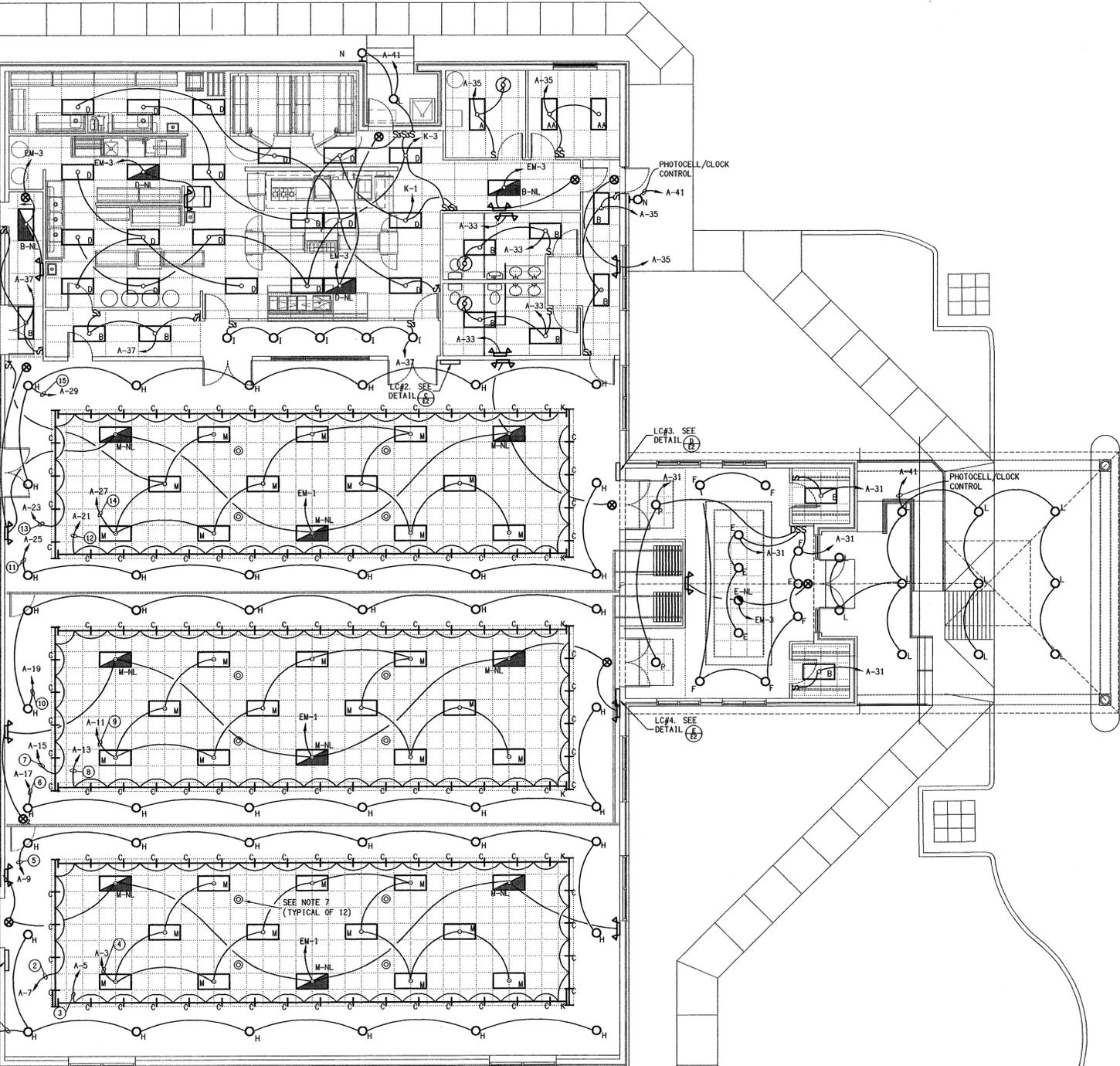


B LIGHTING CONTROL DETAIL #1
 E2 N.T.S.

C LIGHTING CONTROL DETAIL #2
 E2 N.T.S.



A LIGHTING PLAN
 E2 SCALE: 1/8" = 1'-0"



ELECTRICAL SYSTEM AND EQUIPMENT METHOD OF COMPLIANCE
 PRESCRIPTIVE PERFORMANCE ENERGY COST BUDGET

PROVIDE A STANDARD RISER DIAGRAM WHICH INDICATES DESIGNATED POINTS FOR CHECK METERING. - SEE PLANS
 PROVIDE A STANDARD PANEL SCHEDULE DESCRIPTION WHICH IDENTIFIES DIFFERENT ENDUSE LOADS. - SEE PLANS

LIGHTING SCHEDULE
 LAMP TYPE REQUIRED IN FIXTURE }
 NUMBER OF LAMPS IN FIXTURE } SEE PLANS
 BALLAST TYPE USED IN THE FIXTURE }
 NUMBER OF BALLASTS IN FIXTURE }
 TOTAL WATTAGE PER FIXTURE }
 TOTAL INTERIOR WATTAGE SPECIFIED VS ALLOWED } SPECIFIED=1.55 WATTS/FT², ALLOWED=1.90 WATTS/FT²
 TOTAL EXTERIOR WATTAGE SPECIFIED VS ALLOWED } SPECIFIED=0.47 WATTS/FT², ALLOWED=4.00 WATTS/FT²

EQUIPMENT SCHEDULES WITH MOTORS (NOT USED FOR MECHANICAL SYSTEMS)
 MOTOR HORSEPOWER }
 NUMBER OF PHASES } N/A
 MINIMUM EFFICIENCY }
 MOTOR TYPE }
 # OF POLES }

DESIGNER STATEMENT
 TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE DESIGN OF THIS BUILDING COMPLIES WITH THE THERMAL ENVELOPE REQUIREMENTS OF THE NORTH CAROLINA STATE BUILDING CODE, VOLUME X-ENERGY.

SIGNED: *David Sims*
 NAME: DAVID SIMS JR., PE
 TITLE: ENGINEER

NOT FOR CONSTRUCTION

DATE: 04/25/2002 DRAWING LOCATION: F:\PROJECTS\0187\WILMINGTON\OUTRZ.DWG

D LIGHTING CONTROL DETAIL #3
 E2 N.T.S.

E LIGHTING CONTROL DETAIL #4
 E2 N.T.S.

