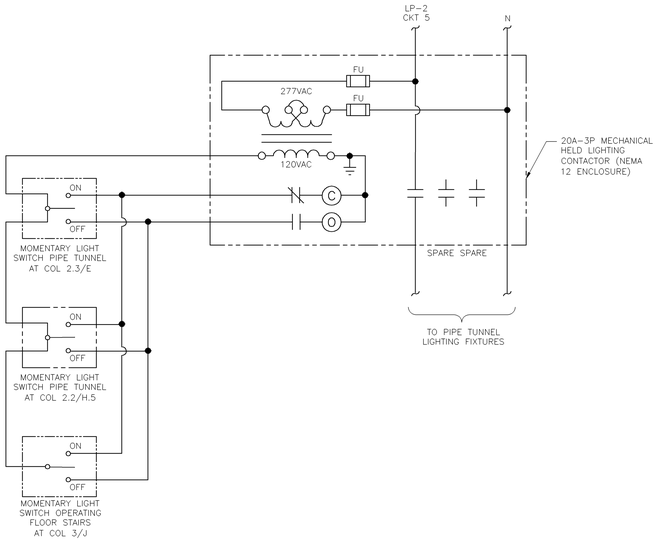
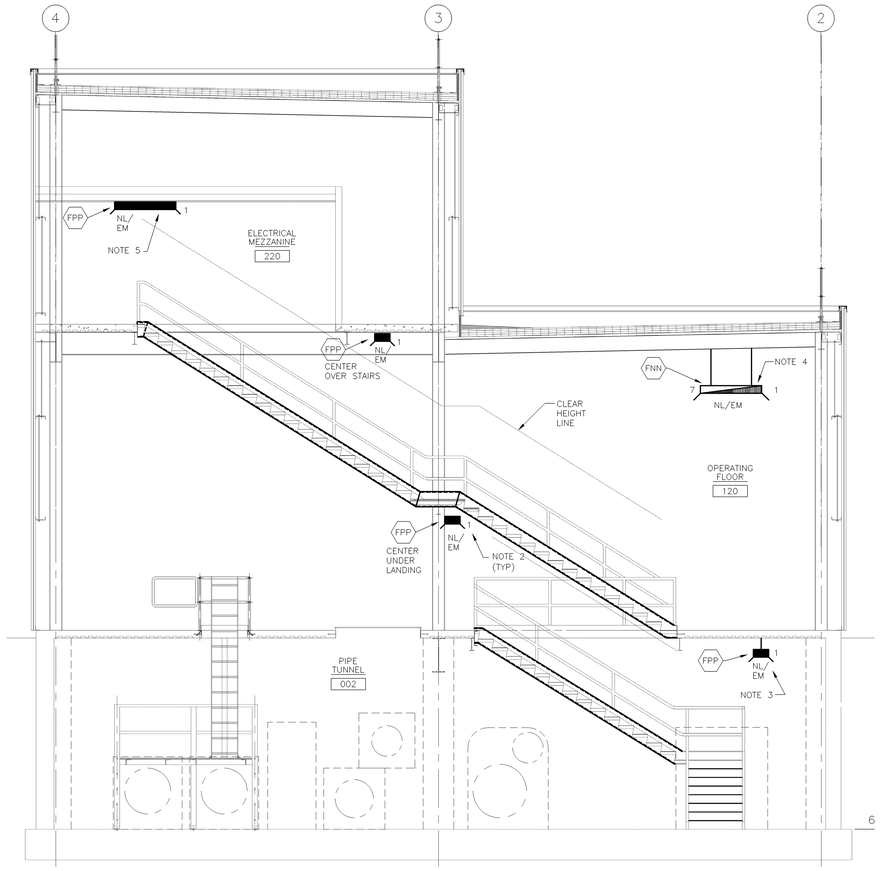
Date (mmm dd yyyy)	Issued For	Rev.
02-19-2009	TITLE II CONSTRUCTION BID ISSUE	0



505B PIPE TUNNEL LIGHTING CONTROL DETAIL

EL-100
EL-101

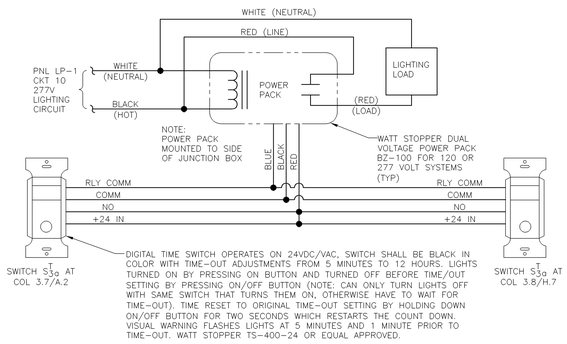
SCALE NONE



505A STAIR LIGHTING DETAIL

EL-100
EL-101
EL-102

SCALE 1/4" = 1'-0"



DIGITAL TIME SWITCH OPERATES ON 24VDC/VAC, SWITCH SHALL BE BLACK IN COLOR WITH TIME-OUT ADJUSTMENTS FROM 5 MINUTES TO 12 HOURS. LIGHTS TURNED ON BY PRESSING ON BUTTON AND TURNED OFF BEFORE TIME/OUT SETTING BY PRESSING ON/OFF BUTTON (NOTE: CAN ONLY TURN LIGHTS OFF WITH SAME SWITCH THAT TURNS THEM ON, OTHERWISE HAVE TO WAIT FOR TIME-OUT). TIME RESET TO ORIGINAL TIME-OUT SETTING BY HOLDING DOWN ON/OFF BUTTON FOR TWO SECONDS WHICH RESTARTS THE COUNT DOWN. VISUAL WARNING FLASHES LIGHTS AT 5 MINUTES AND 1 MINUTE PRIOR TO TIME-OUT. WATT STOPPER TS-400-24 OR EQUAL APPROVED.

505C ELECTRICAL MEZZANINE LIGHTING CONTROL DETAIL

EL-102

SCALE NONE

NOTE: SHOWN FOR SWITCHES S_{3a} LIGHT CONTROL VIA SWITCHES S_{3b} SIMILAR

NOTES:

1. REFER TO DRAWING E-001 FOR ELECTRICAL ABBREVIATIONS, GENERAL NOTES AND DRAWING LIST AND DRAWING E-002 FOR ELECTRICAL SYMBOLS.
2. ALL NL/EM LIGHT FIXTURES FED FROM LIGHTING PANEL LP-2 CIRCUIT 1. LIGHTING PANEL LOCATED ON OPERATING FLOOR AT COLUMN 2/G.7.
3. NL/EM LIGHT FIXTURE ALSO SHOWN ON DRAWING EL-100.
4. NL/EM LIGHT FIXTURE ALSO SHOWN ON DRAWING EL-101.
5. NL/EM LIGHT FIXTURE ALSO SHOWN ON DRAWING EL-102.

This drawing has been prepared solely for the use of Brookhaven National Laboratory and there are no representations of any kind made by Giffels, Partnership to any party with whom Giffels, Partnership has not entered into a contract.

This drawing shall not be used for construction purposes until the seal and signature of the responsible registrant appears on the drawing, and proper permit forms and related fees are transmitted by the Owner, Owner's Agent or Contractor to the Authority Having Jurisdiction.

JOB NO.	SHEET	NO.	REVISION	DATE	DWN.	APP'D.	DA
		A					

BROOKHAVEN NATIONAL LABORATORY

UNDER CONTRACT WITH
UNITED STATES DEPARTMENT OF ENERGY
PLANT ENGINEERING DIVISION
UPTON, NEW YORK 11973

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Approved By: R BARTOY
Project Manager: G. KAPLAN
Project Engineer/Architect: J BOSSORY
Project No.: SF070003

JOB TITLE: CENTRAL CHILLED WATER FACILITY PHASE II		DWG. TITLE: DETAILS	
ILR,GPP,LHI, HEM	DATE	ACCT. NO.	SHEET OF
SCALE: AS NOTED	DWN. BY: EA / REV'D BY: RB	JOB NO.: 11705	DWG. NO.: E-505
ESHQ RISK LEVEL	APP'D. BY: R BARTOY	BLDG. NO.: 600	
PATH:			