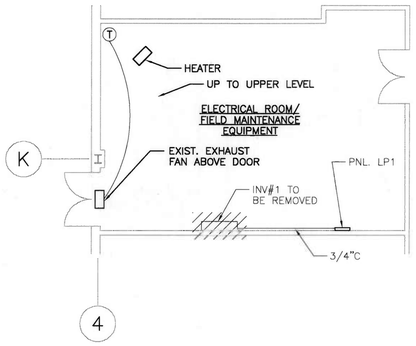
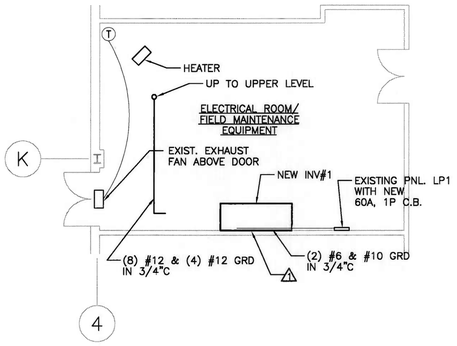


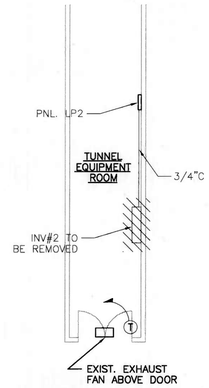
ELECTRICAL DEMOLITION LOWER LEVEL

ME-2 / 1 SCALE: 1/8" = 1'-0"



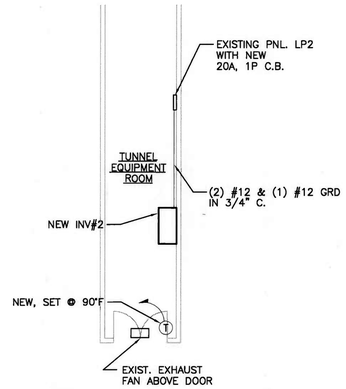
ELECTRICAL INSTALLATION LOWER LEVEL

ME-2 / 2 SCALE: 1/8" = 1'-0"



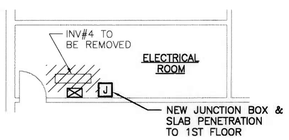
ELECTRICAL DEMOLITION LOWER LEVEL

ME-2 / 3 SCALE: 1/8" = 1'-0"



ELECTRICAL INSTALLATION LOWER LEVEL

ME-2 / 4 SCALE: 1/8" = 1'-0"



ELECTRICAL ROOM PART PLAN UPPER LEVEL

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

EMERGENCY INVERTER SCHEDULE

UNIT NO.	INPUT VOLTS	INPUT FEED-ER	OUT-PUT VOLTS	CAPAC-ITY (WATTS)	BRANCH CIRCUITS NO.	POLES	FEEDER	AMPS	NORMALLY ON	NORMALLY OFF	LOAD DESCRIPTION	FROM OLD INVERTER NO.	OLD CIRCUIT NO.
1	277	(2) #6 & #10 G. in 3/4" C.	120	10,000	1	1	2-12 & 12G	20	X		Ramp corridor lighting	1	1
					2	1	2-12 & 12G	20	X		Locker room lighting	1	2
					3	1	2-12 & 12G	20	X		Foyer lighting	1	3
					4	1	2-12 & 12G	20	X		Ramp corridor lighting	4	1
					5	1	2-12 & 12G	20	X		South corridor lighting	4	2
					6	1	2-12 & 12G	20	X		Lobby & exit lighting	4	3
					7	1	2-12 & 12G	20		X	Step lights	4	4
					8	1	NA	20	X		Spare	NA	NA
					9	1	NA	20	X		Spare	NA	NA
					10	1	NA	20	X		Spare	NA	NA
2	277	(2)#12 & #12 G. in 3/4" C.	120	3,600	1	1	2-12 & 12G	20		X	Gym & Spectator	2	1
					2	1	2-12 & 12G	20		X	Balcony lighting	2	2
					3	1	2-12 & 12G	20	X		Gym exit lights	2	3
					4	1	2-12 & 12G	20		X	Ramp step lights	2	4
					5	1	NA	20	X		Spare	NA	NA

NOTE 1: Load to remain energized briefly following restoration of utility power. Delay period adjustable up to 20 minutes.

NOTE 2: All units input power to be derived from 1P C.B in lighting panels. Permanently mark breaker "Feeds Emergency Lighting." Remove existing tap ahead of mains.

NOTE 3: Permanently mark inverters and all power panels and switches which feed inverters "Feeds Emergency Lighting."

NOTE 4: Permanently mark service entrance equipment "Central Battery Inverters Located in Tunnel Electric Room and Electric/Field Maintenance Equipment Room on First Floor."

NOTE 5: Connect each inverter to the service entrance grounding electrode conductor in accordance with manufacturer's literature.

GENERAL NOTE:

CONTRACTOR IS TO PRESERVE/PROTECT EXISTING BUILDING FINISHES (FLOORS, WALLS, CEILINGS, DOORS, ETC.) DURING CONSTRUCTION AND RESTORE TO EQUAL OR BETTER CONDITION AT CONCLUSION OF PROJECT. SEE SPECIFICATIONS 01045.

WORK SCHEDULE TO BE COORDINATED WITH COLLEGE TO NOT ADVERSELY IMPACT OCCUPANCY.

CONTRACTOR TO OBTAIN ALL PERMITS AND SCHEDULE INSPECTIONS.

DRAWING NOTES:

△1 INVERTER LOCATIONS ARE APPROXIMATE. CONTRACTOR AND COLLEGE TO DETERMINE FINAL LOCATION AND MOUNTING HEIGHT IN THE FIELD ONCE INVERTER DIMENSIONS ARE KNOWN.

REV. NO.	DATE	DESCRIPTION
△1	8/13/99	CCBC COMMENTS

STRUCTURAL ENGINEER:

MECHANICAL/ELECTRICAL ENGINEER: SCHOEN ENGINEERING, INC.
10478 WATERFOWL TERRACE
COLUMBIA, MD 21044
410-730-9797

PROJECT: COMMUNITY COLLEGE OF BALTIMORE COUNTY
DUNDALK MD
H/CW PIPE AND INVERTER REPLACEMENT

TITLE ELECTRICAL PART PLANS AND SCHEDULE
PROJECT NO.: 99.220
LATEST REV.
ISSUE DATE: 6/29/99
SCALE: AS NOTED
BY: LJS

DWG NO. ME-2

D-017005