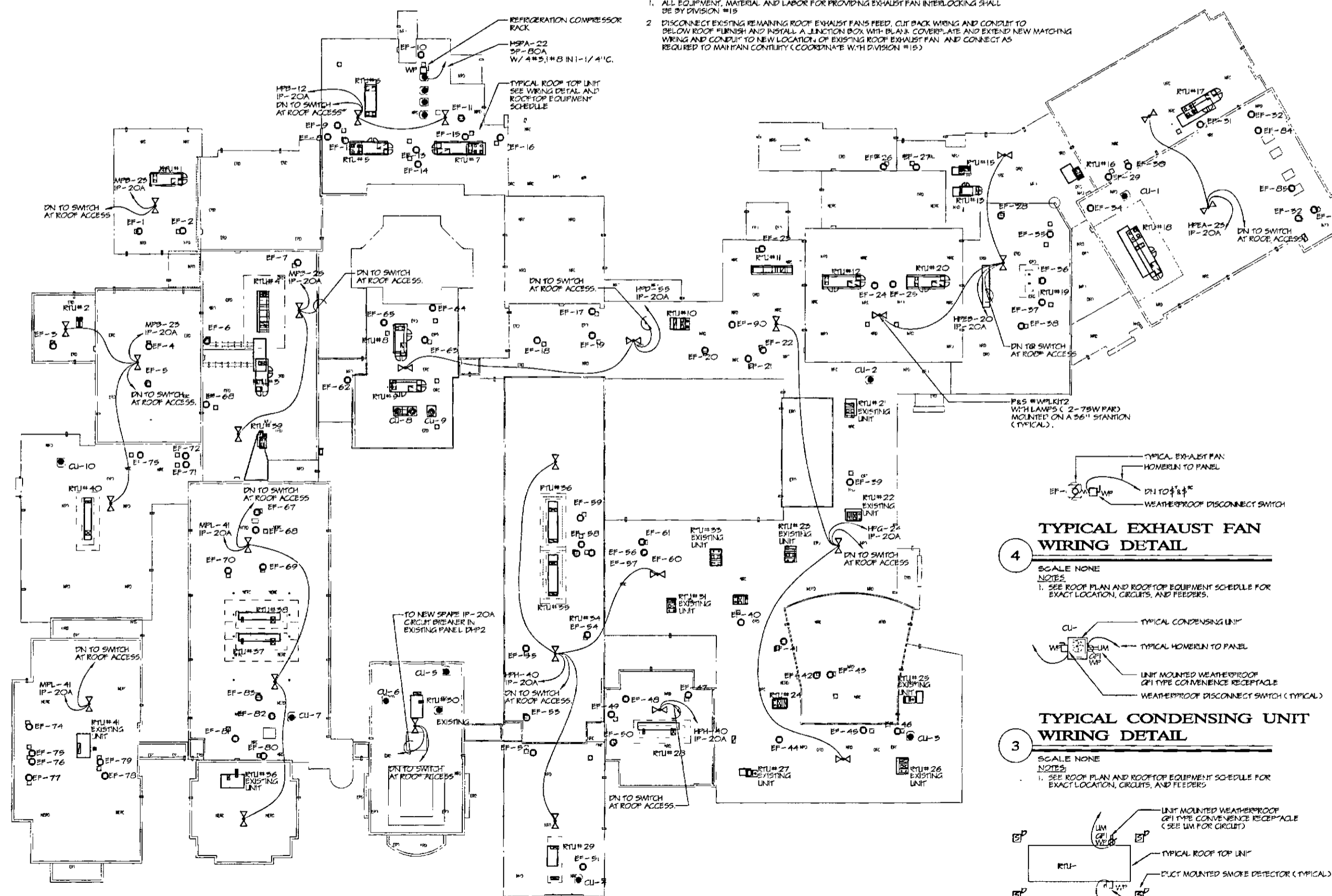


ELECTRICAL ROOF EXHAUST FAN SCHEDULE											
FAN	PANEL AND CIRCUIT #1	FEEDER SIZE	FAN	PANEL AND CIRCUIT #1	FEEDER SIZE	FAN	PANEL AND CIRCUIT #1	FEEDER SIZE	FAN	PANEL AND CIRCUIT #1	FEEDER SIZE
EF-1	MLB-54	3P-20A	EF-22	HFD-41	IP-20A	EF-42	HFG-36	IP-20A	EF-63	HFEA-25	IP-20A
EF-2	MLB-55	3P-20A	EF-23	HFD-45	IP-20A	EF-43	HFG-41	IP-20A	EF-64	HFEA-25	IP-20A
EF-3	MFB-14	IP-20A	EF-24	HLD-52	3P-20A	EF-44	HFG-41	IP-20A	EF-65	HFEA-25	IP-20A
EF-4	MLB-55	3P-20A	EF-25	HLD-51	3P-20A	EF-45	HFG-39	IP-20A	EF-66	HFEA-25	IP-20A
EF-5	MLB-56	3P-20A	EF-26	HFD-45	IP-20A	EF-46	HFG-39	IP-20A	EF-67	HFEA-25	IP-20A
EF-6	MFB-14	IP-20A	EF-27	HFD-45	IP-20A	EF-47	HFG-45	IP-20A	EF-68	MPL-25	IP-20A
EF-7	MFB-14	IP-20A	EF-28	HFEA-32	IP-20A	EF-48	HFG-45	IP-20A	EF-69	MPL-25	IP-20A
EF-8	HFB-20	IP-20A	EF-29	HFEA-34	IP-20A	EF-49	HFG-44	IP-20A	EF-70	MPL-27	IP-20A
EF-9	MCC-11	3P-20A	EF-30	HFEA-34	IP-20A	EF-50	HFG-44	IP-20A	EF-71	MPL-26	IP-20A
EF-10	HFB-20	IP-20A	EF-31	HFEA-34	IP-20A	EF-51	HFG-45	IP-20A	EF-72	MPL-26	IP-20A
EF-11	HFB-20	IP-20A	EF-32			EF-52	HFG-45	IP-20A	EF-73	MPL-27	IP-20A
EF-12	HFB-22	IP-20A	EF-33			EF-53	HFG-47	IP-20A	EF-74	MPL-28	IP-20A
EF-13	HFB-24	IP-20A	EF-34	HFEA-36	IP-20A	EF-54	HFG-47	IP-20A	EF-75	MPL-30	IP-20A
EF-14	HFB-24	IP-20A	EF-35	HFEA-36	IP-20A	EF-55	HFG-21	IP-20A	EF-76	MPL-32	IP-20A
EF-15	HFB-19	IP-20A	EF-36	HFEA-41	IP-20A	EF-56	HFG-21	IP-20A	EF-77	MPL-33	IP-20A
EF-16	HFB-21	IP-20A	EF-37	HFEA-59	IP-20A	EF-57	HFG-22	IP-20A	EF-78	MPL-33	IP-20A
EF-17	HFB-25	IP-20A	EF-38	HFEA-59	IP-20A	EF-58	HFG-20	IP-20A	EF-79	MPL-29	IP-20A
EF-18	HFB-25	IP-20A	EF-39	TO EXISTING CIRCUIT		EF-59	HFG-19	IP-20A	EF-80	MPL-31	IP-20A
EF-19	HFB-21	IP-20A	EF-40	HFG-38	IP-20A	EF-60	HFG-20	IP-20A	EF-81	MPL-34	IP-20A
EF-20	HFD-41	IP-20A	EF-41	HFG-36	IP-20A	EF-61	HFG-25	IP-20A	EF-82	MPL-36	IP-20A
EF-2	HFD-41	IP-20A				EF-62	WIRE TO EXISTING CIRCUIT		EF-83	MPL-36	IP-20A

NOTES FOR ROOF EXHAUST FAN SCHEDULE
 1. ALL EQUIPMENT, MATERIAL AND LABOR FOR PROVIDING EXHAUST FAN INTERLOCKING SHALL BE BY DIVISION #15
 2. DISCONNECT EXISTING REMAINING ROOF EXHAUST FANS FEED, CUT BACK WIRING AND CONDUIT TO BELOW ROOF FURNISH AND INSTALL A JUNCTION BOX WITH BLANK COVERPLATE AND EXTEND NEW MATCHING WIRING AND CONDUIT TO NEW LOCATION OF EXISTING ROOF EXHAUST FAN AND CONNECT AS REQUIRED TO MAINTAIN CONTINUITY (COORDINATE WITH DIVISION #15)

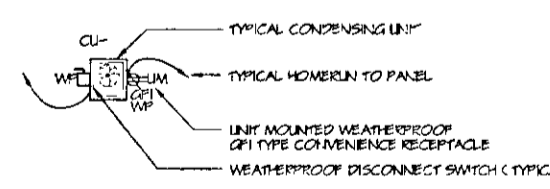


1 ELECTRICAL ROOF PLAN

SCALE: 1/32"=1'-0"
 NOTES:
 1. SEE SYMBOLS, SCHEDULES, NOTES AND DETAILS.
 2. ALL ROOF TOP LIGHTING SHALL BE WIRING WITH #10 S

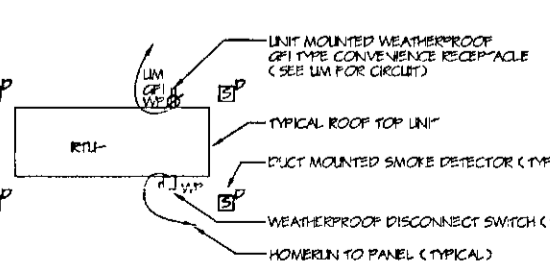
4 TYPICAL EXHAUST FAN WIRING DETAIL

SCALE: NONE
 NOTES:
 1. SEE ROOF PLAN AND ROOF TOP EQUIPMENT SCHEDULE FOR EXACT LOCATION, CIRCUITS, AND FEEDERS.



3 TYPICAL CONDENSING UNIT WIRING DETAIL

SCALE: NONE
 NOTES:
 1. SEE ROOF PLAN AND ROOF TOP EQUIPMENT SCHEDULE FOR EXACT LOCATION, CIRCUITS, AND FEEDERS.



2 TYPICAL ROOFTOP UNIT WIRING DETAIL

SCALE: NONE
 NOTES:
 1. SEE ROOF PLAN AND ROOF TOP EQUIPMENT SCHEDULE FOR EXACT LOCATION, CIRCUITS, AND FEEDERS.

ELECTRICAL ROOF TOP UNIT SCHEDULE						
UNIT	PANEL AND CIRCUIT #1	FEEDER SIZE	UNIT	PANEL AND CIRCUIT #1	FEEDER SIZE	REMARKS
RTU-1	MSLB-54	3P-50A	RTU-11	HLD-30	3P-30A	ALTERNATE
RTU-2	MSLB-54	3P-50A	RTU-12	HLD-26	3P-20A	
RTU-3	MSLB-51	3P-40A	RTU-13	HEA-28	3P-20A	
RTU-4	MSLB-52	3P-40A	RTU-14	NA	NA	
RTU-5	SDP-1	3P-125A	RTU-15	HEA-27	3P-40A	
RTU-6	SDP-3	3P-40A	RTU-16	HEA-29	3P-40A	
RTU-7	SDP-2	3P-150A	RTU-17	HSE-1	3P-200A	
RTU-8	MNLSOP-10	3P-40A	RTU-18	HEA-28	3P-40A	
RTU-9	MNLSOP-12	3P-50A	RTU-19	HLD-28	3P-20A	
RTU-10	HLD-28	3P-50A	RTU-20	HEA-28	3P-40A	
RTU-11	HLD-30	3P-30A	RTU-21	HEA-28	3P-40A	
RTU-12	HLD-26	3P-20A	RTU-22	HLD-20	3P-50A	
RTU-13	HEA-28	3P-20A	RTU-23	HLD-20	3P-50A	
RTU-14	NA	NA	RTU-24	HLD-20	3P-50A	
RTU-15	HEA-27	3P-40A	RTU-25	HLD-20	3P-50A	
RTU-16	HEA-29	3P-40A	RTU-26	HLD-20	3P-50A	
RTU-17	HSE-1	3P-200A	RTU-27	HLD-20	3P-50A	
RTU-18	HEA-28	3P-40A	RTU-28	HLD-20	3P-50A	
RTU-19	HLD-28	3P-20A	RTU-29	HLD-20	3P-50A	
RTU-20	HEA-28	3P-40A	RTU-30	HLD-20	3P-50A	
RTU-21	HEA-28	3P-40A	RTU-31	HLD-20	3P-50A	
RTU-22	HLD-20	3P-50A	RTU-32	HLD-20	3P-50A	
RTU-23	HLD-20	3P-50A	RTU-33	HLD-20	3P-50A	
RTU-24	HLD-20	3P-50A	RTU-34	HLD-20	3P-50A	
RTU-25	HLD-20	3P-50A	RTU-35	HLD-20	3P-50A	
RTU-26	HLD-20	3P-50A	RTU-36	HLD-20	3P-50A	
RTU-27	HLD-20	3P-50A	RTU-37	HLD-20	3P-50A	
RTU-28	HLD-20	3P-50A	RTU-38	HLD-20	3P-50A	
RTU-29	HLD-20	3P-50A	RTU-39	HLD-20	3P-50A	
RTU-30	HLD-20	3P-50A	RTU-40	HLD-20	3P-50A	
RTU-31	HLD-20	3P-50A				
RTU-32	HLD-20	3P-50A				
RTU-33	HLD-20	3P-50A				
RTU-34	HLD-20	3P-50A				
RTU-35	HLD-20	3P-50A				
RTU-36	HLD-20	3P-50A				
RTU-37	HLD-20	3P-50A				
RTU-38	HLD-20	3P-50A				
RTU-39	HLD-20	3P-50A				
RTU-40	HLD-20	3P-50A				

NOTES FOR ROOF EQUIPMENT SCHEDULE
 1. DISCONNECT EXISTING ROOF TOP UNIT FEED, CUT BACK WIRING AND CONDUIT TO BELOW ROOF FURNISH AND INSTALL A JUNCTION BOX WITH BLANK COVERPLATE AND EXTEND NEW MATCHING WIRING AND CONDUIT TO NEW LOCATION OF EXISTING ROOF TOP UNIT AND CONNECT AS REQUIRED TO MAINTAIN CONTINUITY (COORDINATE WITH DIVISION #15)
 2. DISCONNECT EXISTING ROOF TOP UNIT FEED, CUT BACK WIRING AND CONDUIT TO BELOW ROOF FURNISH AND INSTALL A JUNCTION BOX WITH BLANK COVERPLATE AND EXTEND NEW MATCHING WIRING AND CONDUIT TO NEW LOCATION OF EXISTING ROOF TOP UNIT AND CONNECT AS REQUIRED TO MAINTAIN CONTINUITY (COORDINATE WITH DIVISION #15)
 3. DISCONNECT EXISTING ROOF TOP UNIT FEED, CUT BACK WIRING AND CONDUIT TO BELOW ROOF FURNISH AND INSTALL A JUNCTION BOX WITH BLANK COVERPLATE AND EXTEND NEW MATCHING WIRING AND CONDUIT TO NEW LOCATION OF EXISTING ROOF TOP UNIT AND CONNECT AS REQUIRED TO MAINTAIN CONTINUITY (COORDINATE WITH DIVISION #15)
 4. DISCONNECT EXISTING ROOF TOP UNIT FEED, CUT BACK WIRING AND CONDUIT TO BELOW ROOF FURNISH AND INSTALL A JUNCTION BOX WITH BLANK COVERPLATE AND EXTEND NEW MATCHING WIRING AND CONDUIT TO NEW LOCATION OF EXISTING ROOF TOP UNIT AND CONNECT AS REQUIRED TO MAINTAIN CONTINUITY (COORDINATE WITH DIVISION #15)
 5. DISCONNECT EXISTING ROOF TOP UNIT FEED, CUT BACK WIRING AND CONDUIT TO BELOW ROOF FURNISH AND INSTALL A JUNCTION BOX WITH BLANK COVERPLATE AND EXTEND NEW MATCHING WIRING AND CONDUIT TO NEW LOCATION OF EXISTING ROOF TOP UNIT AND CONNECT AS REQUIRED TO MAINTAIN CONTINUITY (COORDINATE WITH DIVISION #15)

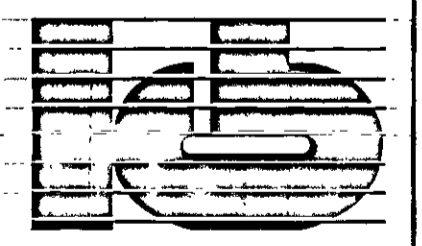
DATE	MARK	DESCRIPTION
FEBRUARY 18, 2005		ISSUED FOR BIDDING AND CONSTRUCTION PURPOSES
JUNE 20, 2005		ISSUED FOR PHASE II BID



RENOVATIONS AND ADDITIONS TO THE REGIONAL SCHOOL DISTRICT 10 LEWIS S. MILLS HAR-BUR COMPLEX
 24/26 LYON ROAD
 BURLINGTON, CT 06013

STATE PROJECT NO. 210-0036
 STATE PROJECT NO. 210-0038

WALTER MCILVEEN ASSOCIATES, INC.
 CONSULTING ENGINEERS
 195 WEST MAIN STREET
 AVON, CT 06001-0516



KAESTLE BOOS ASSOCIATES, INC.

PROJECT NO. 04000/48114 DRAWING NO.
 DATE: JANUARY 28, 2005

ELECTRICAL ROOF PLAN

E4.01