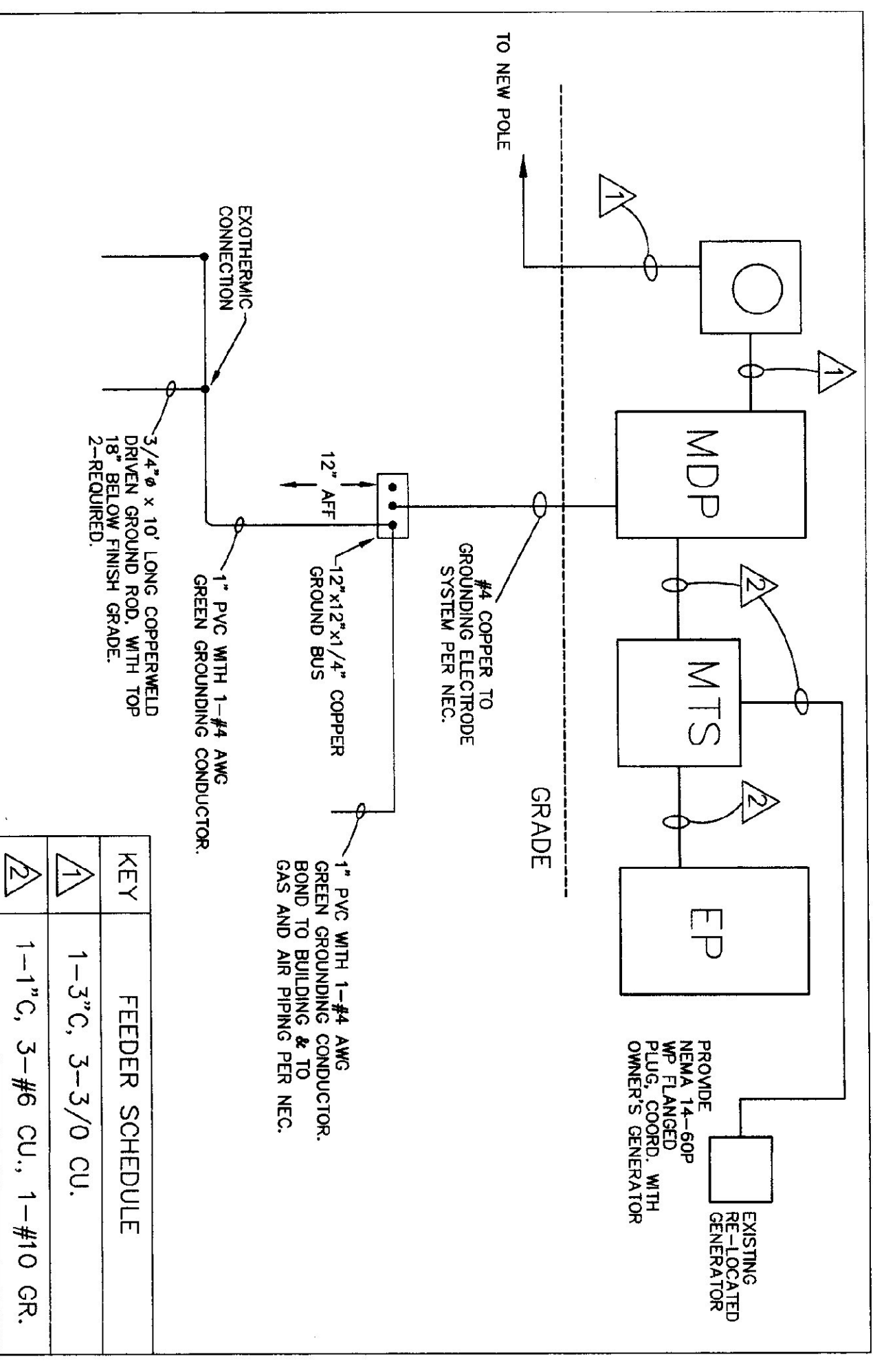


MEZZANINE POWER & LIGHTING PLAN
SCALE: 1/4" = 1'-0"



KEY	FEEDER SCHEDULE
⊖	1-3" C, 3-3/0 CU.
⊖	1-1" C, 3-#6 CU., 1-#10 GR.

GENERAL NOTES:

- ANY PLACE WHERE THE CONTRACTOR PENETRATES CUTS AND/OR REMOVES WALLS, CEILINGS, OR WOODWORK, CONTRACTOR IS TO REPLACE, PATCH AND PAINT FINISH SURFACES TO ORIGINAL FINISHES.
- FIELD VERIFY ALL DIMENSIONS BEFORE COMMENCEMENT OF WORK IS TO BEGIN. NOTIFY ENGINEER OF ANY ERRORS.
- REFER TO THE ARCHITECTURAL REFLECTED CEILING PLANS FOR FINAL LOCATIONS OF LIGHT FIXTURES.
- EC TO PROVIDE AND INSTALL ALL DISCONNECT SWITCHES, MC TO PROVIDE ALL MOTOR STARTERS, EC TO INSTALL.

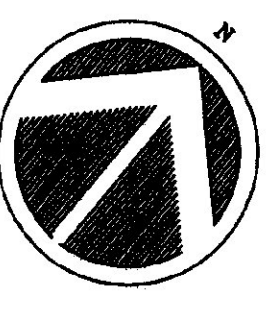
KEYED NOTES:

- COORDINATE EXACT LOCATION OF MECHANICAL EQUIPMENT WITH MC.
- THIS FIXTURE IS UN-SWITCHED (ON AT ALL TIMES). CONNECT TO NEAREST LIGHTING CIRCUIT.
- REFER TO SHEET E-2 FOR FUME HOOD AND EXHAUST FAN WIRING DETAILS. MOUNT MOTION DETECTOR ABOVE FIXTURE.
- PROVIDE AND INSTALL DUCT SMOKE DETECTOR AND REMOVE INDICATOR WITH FAN SHUT-DOWN. PROVIDE EXACT LOCATION WITH MC. POWER FOR DUCT DETECTOR AND REMOVE INDICATOR AND A/V UNIT SHALL COME FROM MEZZANINE RECEPTACLE CIRCUIT.

ELECTRICAL LEGEND	
	FLUORESCENT FIXTURE
	LIGHT FIXTURE
	EMERGENCY LIGHT
	SWITCH - SINGLE POLE
	SWITCH - SINGLE POLE WITH GAS BURNER PLATE
	SWITCH - 3-WAY
	SWITCH - 4-WAY
	SWITCH - TIMER, INTERLATIC PDSM
	SWITCH - FAN SPEED CONTROL, DAYTON 4C929
	SWITCH - FAN SPEED CONTROL, DAYTON 4C929
	PUSH-BUTTON STATION, PROVIDED BY EC, WIRED BY EC
	MOTOR STARTER PROV. BY MC, INSTALLED BY EC
	SAFETY DISCONNECT PROV. AND INSTALLED BY EC
	PANEL
	BRANCH CIRCUIT
	JUNCTION BOX
	DUPLEX RECEPTACLE
	DUPLEX RECEPTACLE - COUNTER HEIGHT
	DUPLEX RECEPTACLE-GRFI PROTECTED
	SPECIAL PURPOSE OUTLET, REFER TO SCHEDULE
	WEATHERPROOF, NEMA 3R RATED
	ABOVE FINISH FLOOR
	ELECTRICAL CONTRACTOR (DIVISION 16)
	MECHANICAL CONTRACTOR (DIVISION 15)
	GENERAL CONTRACTOR
	EQUIPMENT SUPPLIER
	TYPICAL OF ALL
	CENTRAL VT PUBLIC SERVICE
	NATIONAL ELECTRIC CODE
	MANUAL TRANSFER SWITCH
	MTS
	HOT WATER HEATER, PROVIDED BY MC, WIRED BY EC
	MOTOR
	MOTOR-OPERATED DAMPER
	PRESSURE SWITCH
	PHONE LOCATION (4" SQUARE BOX WITH 3/4" CONDUIT TO TELEPHONE TERMINATION AREA. PROVIDE EXTENSION RINGS (MUD RINGS) AS REQUIRED. SAME AS ABOVE, MOUNT @ 48" AFF
	DUCT SMOKE DETECTOR WITH FAN SHUT-DOWN
	DUCT SMOKE DETECTOR REMOTE INDICATOR/ANNUN. WITH ROUABLE LIGHT. CO. MODEL #380R-120V. FD # 8 RAYS & M14-115-WH/YFR.

SPECIAL PURPOSE OUTLET SCHEDULE

KEY	DESCRIPTION	SUPPLIED BY	INSTALLED BY	ELECTRICAL REQUIREMENTS	STARTER	INSTALLED BY	ELECTRICAL DISCONNECT	REMARKS
⊖1	WELDER RECEPTACLE	EC	EC	6-50R	---	---	---	COORD. LOCATION WITH OWNER
⊖2	RANGE RECEPTACLE	EC	EC	14-50R	---	---	---	
⊖3	MICROWAVE RECEPTACLE	EC	EC	5-20R (GR)	---	---	---	
⊖4	AIR COMPRESSOR	ES	ES	SEALTITE	---	---	---	
⊖5	REFRIGERATOR	ES	ES	SINGLE CLOCK RECEPTACLE	---	---	---	RECESSED
⊖6	RANGE HOOD	MC	MC	HARDWIRED	---	---	---	



POWER ONE-LINE DIAGRAM
NO SCALE

	DATE: _____ REVISION: _____	SCALE: AS NOTED DATE: MAY. 14, 2001	AGENCY of TRANSPORTATION: FIVE BAY MAINTENANCE FACILITIES LONDONDERRY, VERMONT		EH Danson Assoc. Architects <small>327 Whiston Ave. Box 500, P.O. Box 409 St. Johnsbury, Vermont 05859 Tel (802) 748-8890 Fax (802) 748-0065</small>		Pearson & Associates MECHANICAL & ELECTRICAL ENGINEERS <small>P.O. BOX 610, STOWE, VERMONT 05672 TEL (802) 253-9607 FAX (802) 253-9290</small>
	DRAWING NAME: ELECTRICAL MEZZANINE PLAN, LEGEND, DETAILS	DRAWN BY: ASS					