

**LEGEND**  
(NOT ALL SYMBOLS WILL APPLY TO THIS PROJECT)

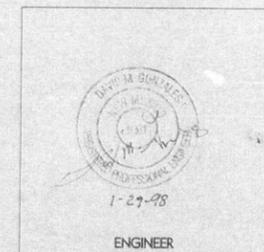
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	EXISTING		WALL MOUNTED FLUORESCENT FIXTURE		END OF LINE DEVICE		NORMALLY OPEN CONTACT
	NEW WORK		CEILING-MOUNTED LIGHT FIXTURE		FIRE ALARM CONTROL PANEL		PROTECTIVE RELAY, SOLENOID COIL
	HIDDEN OR BURIED		WALL-MOUNTED LIGHT FIXTURE		FIRE ALARM RACEWAY-EXPOSED FIRE ALARM RACEWAY-CONCEALED		THERMAL OVERLOAD
	HOMERUN CONDUIT		EMERGENCY LIGHT FIXTURE		CLOCK OUTLET		CONNECTION
	GROUND		LIGHT POLE WITH FIXTURE		CEILING SPEAKER		CROSS, NO CONNECTION
	PHASE		EMERGENCY LIGHT FIXTURE RECHARGEABLE TYPE		WALL SPEAKER		SURGE ARRESTOR
	SWITCHED		FLOODLIGHT		TELEPHONE OUTLET		CAPACITOR
	NEUTRAL		CEILING-MOUNTED EXIT SIGN - ARROW AS INDICATED		FLOOR-MOUNTED TELEPHONE OUTLET		RELAY #1
	ISOLATED GROUND		TWO-FACED EXIT SIGN		DATA OUTLET		BUS PLUG CIRCUIT BREAKER
	TWISTED SHIELDED PAIR CABLE		WALL-MOUNTED EXIT SIGN		INTERCOM OUTLET		THERMOSTAT
	PULLBOX, "E"= POWER, "C"= COMMUNICATIONS		SWITCHBOARD, POWER PANELBOARD		DISCONNECT SWITCH		KEYED NOTE DESIGNATION
	FLEXIBLE CONDUIT		LIGHTING PANEL - 250 VOLTS OR LESS		MEDIUM VOLTAGE DRAWOUT CIRCUIT BREAKER		ELECTRICAL EQUIPMENT DESIGNATION
	CONDUIT DOWN		LIGHTING PANEL - OVER 250 VOLTS		TRANSFORMER (DELTA-WYE CONN.)		MECHANICAL EQUIPMENT DESIGNATION
	CONDUIT UP		TRANSFORMER		SHIELDED TRANSFORMER		NAMEPLATE DESIGNATION
	CONDUIT UP AND DOWN		NON-FUSIBLE DISCONNECT SWITCH (NUMBER INDICATES SWITCH SIZE)		DRAWOUT CIRCUIT BREAKER		ABOVE FINISH FLOOR
	CONDUIT SEAL		COMBINATION MAGNETIC STARTER AND CIRCUIT BREAKER 2 - INDICATES NEMA STARTER SIZE 20 - INDICATES CIRCUIT BREAKER TRIP RATING		CIRCUIT BREAKER (TRIP FRAME)		BELOW FINISH GRADE
	CONDUIT CAP		MAGNETIC STARTER		FUSE		DRINKING FOUNTAIN ON CENTER
	BUSWAY WITH DESCRIPTION		SPECIAL EQUIPMENT CONTROLLER 2 - INDICATES NEMA STARTER SIZE VFD - VARIABLE FREQUENCY DRIVE		FUSIBLE ELEMENT		UNDERGROUND POWER WEATHERPROOF
	GROUNDING CONDUCTOR		AUTOMATIC TRANSFER SWITCH		FUSIBLE DISCONNECT SWITCH		GOVERNMENT FURNISHED - CONTRACTOR INSTALLED
	LIGHTNING PROTECTION AIR TERMINAL		MOTOR (NUMBER INDICATES HP)		GROUND		THERMOSTAT "1" = DEVICE IDENTIFIER CLOSES ON RISING TEMPERATURE
	CABLE TRAY WITH DESCRIPTION, HIDDEN		BELL		GENERATOR		THERMOSTAT "3" = DEVICE IDENTIFIER CLOSES ON FALLING TEMPERATURE
	CEILING JUNCTION BOX		HORN "H" OR SIREN "S"		CURRENT TRANSFORMER (NUMBERS INDICATE RATIO AND QUANTITY)		SINGLE POLE SWITCH
	WALL JUNCTION BOX		BUZZER		POTENTIAL TRANSFORMER (NUMBER INDICATES QUANTITY)		MECHANICAL EQUIPMENT, "HUE-1" = IDENTIFIER
	DUPLEX RECEPTACLE OUTLET		PUSHBUTTON		AMMETER SWITCH		TELEPHONE RACEWAY-CONCEALED
	SINGLE RECEPTACLE OUTLET		MANUAL PULL STATION "PSX" = IDENTIFIER NUMBER		VOLTMETER SWITCH		PAGING SYSTEM RACEWAY-CONCEALED
	DOUBLE DUPLEX RECEPTACLE OUTLET		FIRE ALARM HORN (V=VISUAL SIGNAL) "FASX" = IDENTIFIER NUMBER		VOLTMETER		THERMOSTAT CONTROL RACEWAY-CONCEALED
	GROUND FAULT CIRCUIT INTERRUPTER		PHOTOELECTRIC SMOKE DETECTOR "SPX" = IDENTIFIER NUMBER		AMMETER		LIGHTING CONTACTOR
	DUPLEX OUTLET WITH WEATHERPROOF COVER		IONIZATION SMOKE DETECTOR "SIX" = IDENTIFIER NUMBER		KILOWATT METER		
	SPLIT WIRED DUPLEX RECEPTACLE		THERMAL DETECTOR "FATX" = IDENTIFIER NUMBER		KILOWATT-HOUR METER		
	DUPLEX ISOLATED GROUND		DUCT SMOKE DETECTOR (PHOTOELECTRIC) "DX" = IDENTIFIER NUMBER		AUTOMATIC TRANSFER SWITCH		
	SPECIAL PURPOSE OUTLET - USE SUBSCRIPT TO IDENTIFY TYPE IN SPECS		MAGNETIC DOOR HOLDER		KIRKKEY INTERLOCK #1		
	FLOOR RECEPTACLE OUTLET USE SUBSCRIPT TO IDENTIFY TYPE IN SPECS		PRESSURE SWITCH		BATTERY		
	RECEPTACLE RACEWAY		FLOW SWITCH		NORMALLY CLOSED CONTACT		
	SINGLE POLE SWITCH - USE SUBSCRIPT TO DESIGNATE CONTROL OF PARTICULAR OUTLETS		VALVE SUPERVISORY SWITCH				
	DOUBLE POLE SWITCH						
	THREE-WAY SWITCH						
	FOUR-WAY SWITCH						
	WEATHERPROOF SWITCH						
	KEY OPERATED SWITCH						
	DIMMER SWITCH - NUMBER INDICATES WATTAGE LTR INDICATES FIXTURE CONTROLLED						
	PHOTOCELL						
	REMOTE CONTROL SWITCH 6 POLE, 30 AMPS						
	2x4 FLUORESCENT LIGHT FIXTURE A=FIXTURE TYPE 1=CIRCUIT NUMBER a,b=SWITCHES CONTROLLING FIXTURE						
	1x FLUORESCENT LIGHT FIXTURE						
	FLUORESCENT STRIP FIXTURE						

GENERAL ELECTRICAL NOTES

- WORK COVERED BY THESE DRAWINGS CONSISTS OF FURNISHING ALL LABOR, EQUIPMENT, SUPPLIES AND MATERIALS, AND PERFORMING ALL OPERATIONS, INCLUDING CUTTING, CHANNELING, AND UNDERGROUND TRENCHING NECESSARY FOR INSTALLATION OF COMPLETE SYSTEMS AS INDICATED.
- ALL ELECTRICAL WORK SHALL BE PERFORMED IN A NEAT AND WORKMAN LIKE MANNER IN FULL ACCORDANCE WITH NATIONAL ELECTRICAL CODE (NEC), NATIONAL ELECTRIC SAFETY CODE (NESC), AND LOCAL AND STATE SAFETY CODES.
- CONTRACTOR SHALL BE RESPONSIBLE FOR FINAL COORDINATION WITH UTILITY COMPANIES. VERIFY EXACT REQUIREMENTS PRIOR TO ROUGH-IN. THERE SHALL BE NO EXTRA COSTS TO THE OWNER FOR CONTRACTOR'S FAILURE TO COORDINATE UTILITY REQUIREMENTS.
- SHOULD THE CONTRACTOR DETECT ANY DISCREPANCIES BETWEEN CONTRACT DOCUMENTS AND LEGAL OR SAFETY REQUIREMENTS FOR THE PROJECT, HE SHALL PROMPTLY NOTIFY THE ENGINEER IN WRITING. ONCE NOTIFIED, THE ENGINEER SHALL MODIFY THE CONTRACT DOCUMENTS ACCORDINGLY. IF THE CONTRACTOR PROCEEDS WITH ANY WORK WHICH IS IN VARIANCE OF KNOWN LEGAL OR SAFETY REQUIREMENTS, THE CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR THIS WORK AND SHALL PROMPTLY CORRECT THE WORK WHEN NOTIFIED WITHOUT ADDITIONAL COST TO THE OWNER.
- ALL WIRE AND CABLE SHALL BE INSTALLED IN APPROVED RACEWAY UNLESS OTHERWISE SPECIFIED. RACEWAY SHALL BE EMT CONDUIT, 1/2 INCH.
- ALL RACEWAY SHALL BE RUN CONCEALED UNLESS OTHERWISE NOTED OR PRIOR APPROVED BY THE ARCHITECT.
- ALL WIRING SHALL BE COPPER, THHN/THWN INSULATION. MINIMUM CONDUCTOR SIZE SHALL BE #12.
- EXTERIOR WIRING AND DEVICES SHALL BE INSTALLED IN CONDUIT WITH WEATHER-TIGHT FITTINGS AND IN WEATHER-TIGHT BOXES.

ADDITIONAL SYMBOLS

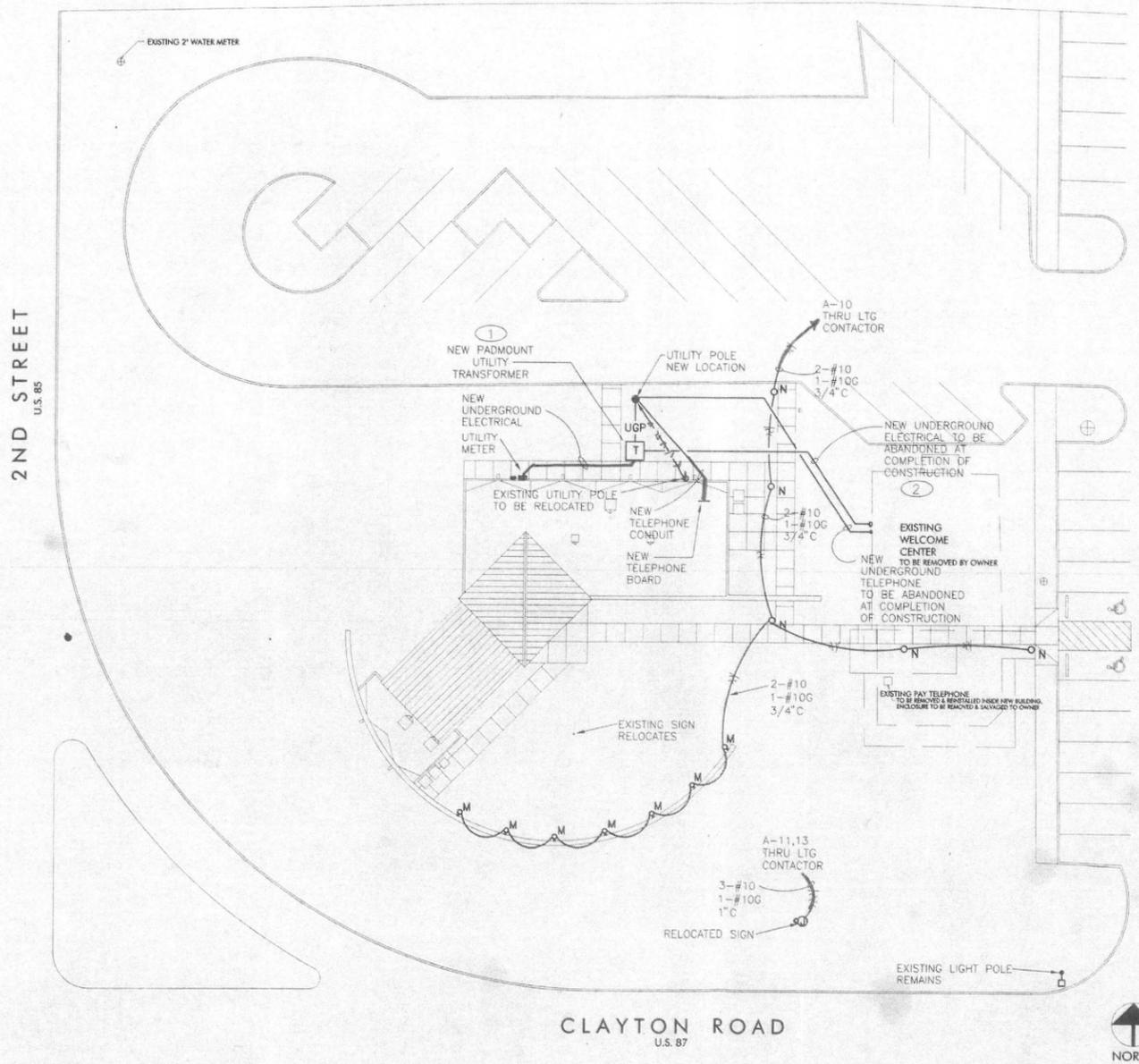
	TRACK LIGHTING
	RECESSED DOWN LIGHT
	RECESSED WALL WASH FIXTURE
	COMMUNICATIONS BACKBOARD
	1x8 FLUORESCENT LIGHT FIXTURE



**TOURIST INFORMATION CENTER**  
RATON, NEW MEXICO

**ELECTRICAL SYMBOLS**

5766  
2/2/98  
**E-1**



WHITTIER STREET

2ND STREET  
U.S. 85

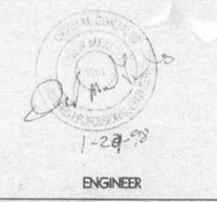
CLAYTON ROAD  
U.S. 87



- KEY NOTES
- 1 PROVIDE CONCRETE FOUNDATION FOR PAD MOUNT TRANSFORMER TO UTILITY SPECIFICATIONS.
  - 2 COORDINATE WITH UTILITY FOR DISCONNECT OF EXISTING SERVICE AND CONNECTION OF NEW TEMPORARY SERVICE.

SEE E-6 FOR LIGHTING  
FIXTURE SCHEDULE

**ELECTRICAL SITE PLAN**  
SCALE: 1" = 20'-0"



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ELECTRICAL  
SITE PLAN

5766

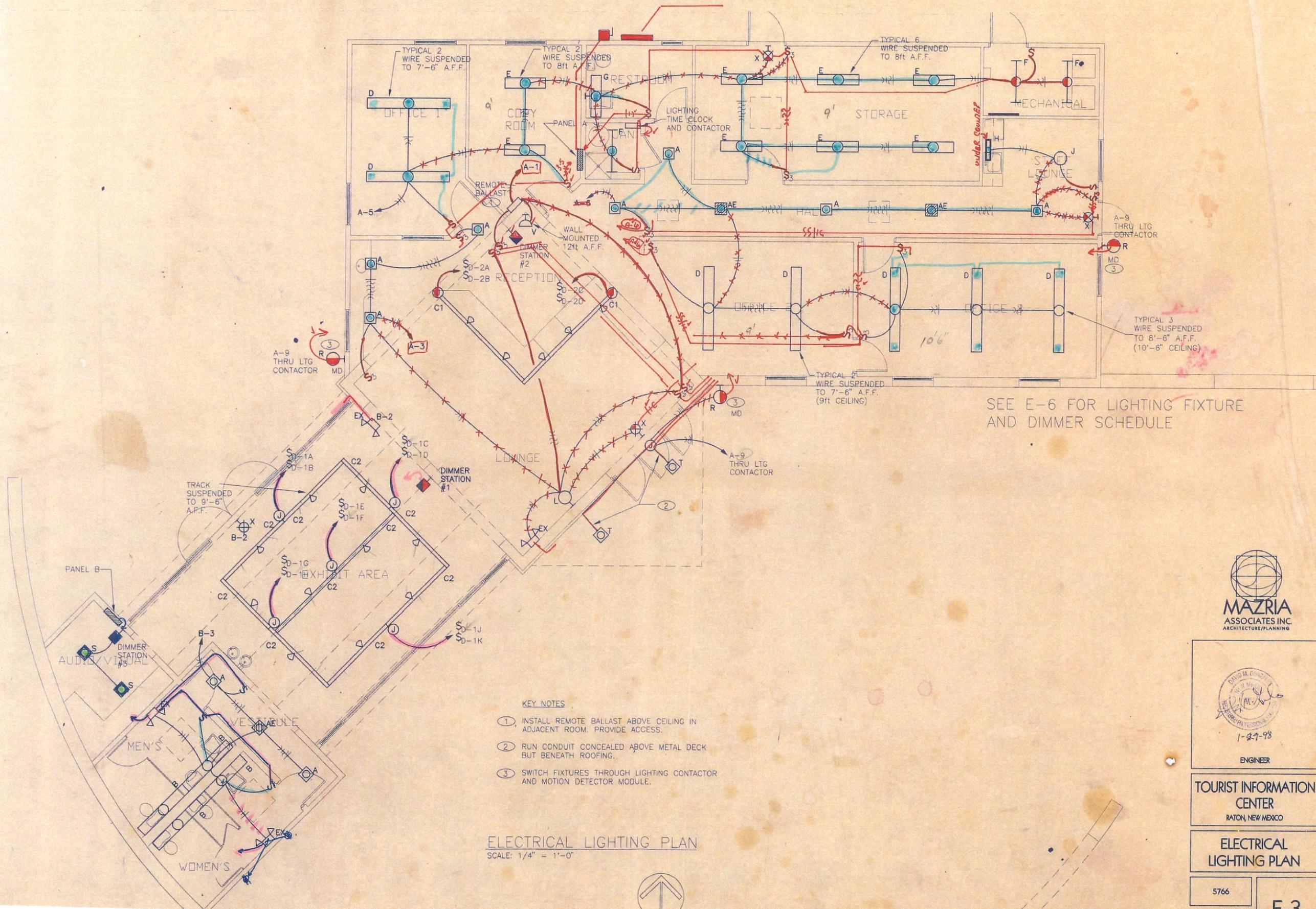
2/2/98

E-2

33 OF 42

B-J-Boxs Below THE REMOTE BALLAST  
4 EXT ds # -3-1-22

George Pringle



SEE E-6 FOR LIGHTING FIXTURE AND DIMMER SCHEDULE

KEY NOTES

1. INSTALL REMOTE BALLAST ABOVE CEILING IN ADJACENT ROOM. PROVIDE ACCESS.
2. RUN CONDUIT CONCEALED ABOVE METAL DECK BUT BENEATH ROOFING.
3. SWITCH FIXTURES THROUGH LIGHTING CONTACTOR AND MOTION DETECTOR MODULE.

ELECTRICAL LIGHTING PLAN  
SCALE: 1/4" = 1'-0"



1-27-98

ENGINEER

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ELECTRICAL LIGHTING PLAN

5766

E-3

9/2/98