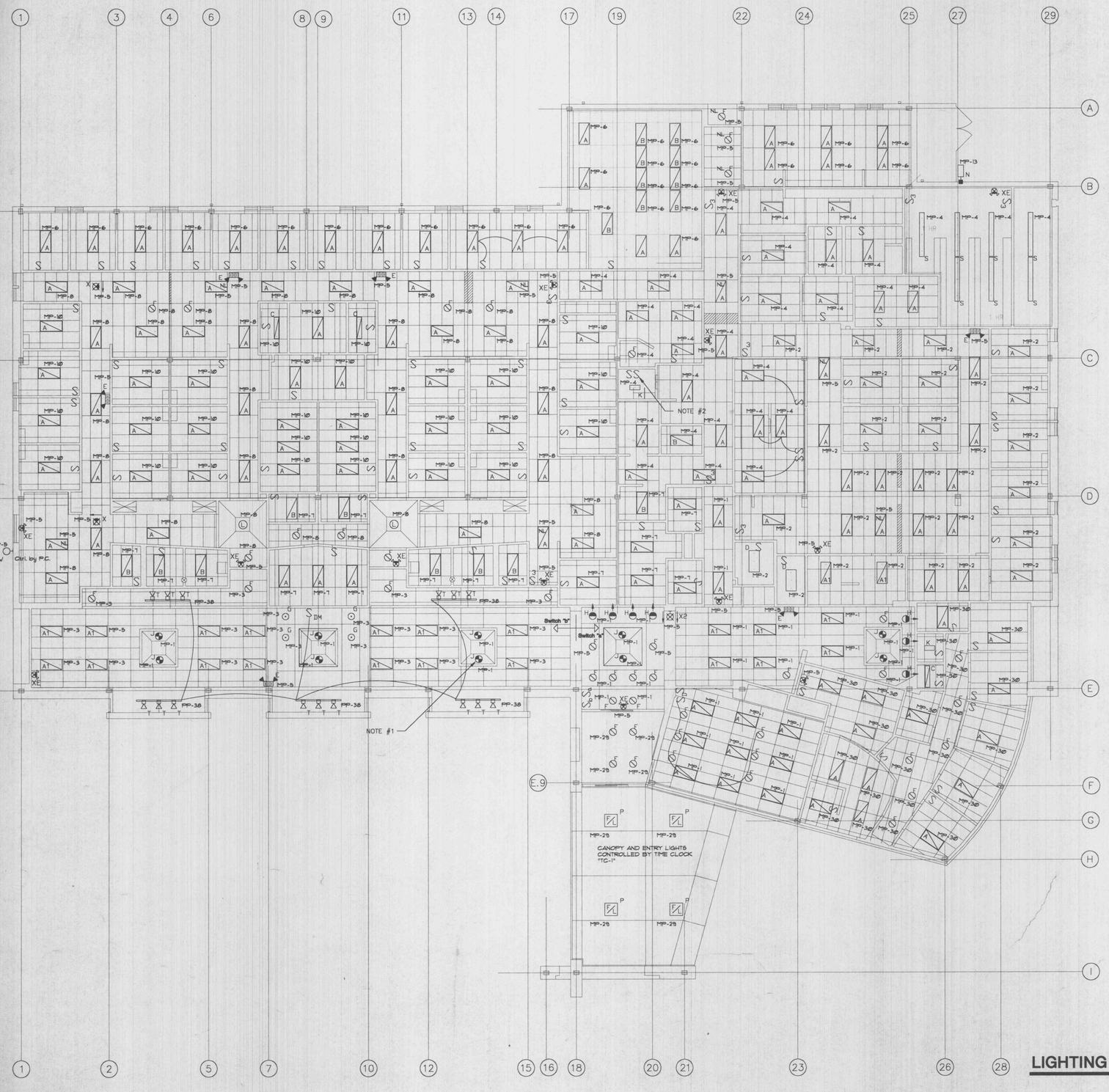

LIGHTING LAYOUT PLAN

Scale: 1/8" = 10'

KEY NOTES:

#1. TYPE "J" RECESS CAN TO BE SWITCHED BY PHOTO CELL, TYPICAL (10).

2. TWO SWITCHES TO CONTROL DARK ROOM LIGHT.

LIGHTING FIXTURE SCHEDULE

TYPE	MANUFACTURER	CATALOG NO.	DESCRIPTION	MOUNTING	VOLTAGE	LAMPS
A	COLUMBIA	J24-432GFSA12 4EB8	2' x 4' GRID TROFFER w/ PRISMATIC LENS	GRID	277	F32T8/SPX35
A1	COLUMBIA	P424-332G LD36S 3EB8	2' x 4' GRID TROFFER w/ PARABOLIC LENS	GRID	277	F32T8/SPX35
B	COLUMBIA	J24-232GSFA12 EB8	2' x 4' 2-LP GRID TROFFER w/PRISMATIC LENS	GRID	277	F32T8/SPX35
C	COLUMBIA	J14-232GFSA12 EB8	1' x 4' GRID TROFFER w/ PRISMATIC LENS	GRID	277	F32T8/SPX35
D	COLUMBIA	WPW4-432A 4EB8	2' x 4' WRAPAROUND FIXTURE	SURFACE	277	F32T8/SPX35
E	PRESCOLITE	EMAX	DOUBLE HEAD EMERGENCY LIGHT	WALL	277	INCLUDED
F	PRESCOLITE	CFR818-492	RECESS DOWNLITE w/CLEAR ALZAK REFL.	RECESS	277	F18DBX/SPX35/4P
G	PRESCOLITE	LVH4EB w/ ELVC	LOW VOLTAGE RECESS DOWNLITE	RECESS	277	Q50MR16/FL40-EXN
H	PRESCOLITE	CFRW818-492WW	RECESS WALL WASH DOWNLIGHT	RECESS	277	F18DBX/SPX35/DP
J	PRESCOLITE	LVH4EB w/ELV9	LOW VOLTAGE RECESS - SKYLITE UP LIGHT	RECESS	277	Q50MR16/WFL55-FNV
K	MORELITE	S548-2DR-FILTER	SURFACE MOUNTED X-RAY FIXTURE	SURFACE	277	F32T8S/SPX35
L	LAM	?	PENDANT for COFFER CEILING	PENDANT	277	
M	KIM	2B ET3 250SMH DB-P	DOUBLE HEAD PARKING LOT POLE - 20'	POLE	277	MVR250/U
N	KIM	1A ET3 250SMH DB-P	SINGLE HEAD PARKING LOT POLE - 15' w/HSS	POLE	277	MVR250/U
P	SPAULDING	ST-179MH	RECESS CANOPY FIXTURE	RECESS	277	MVR175/U/MED
R	SPAULDING	FNII M100	SIDEWALK BOLLARD FIXTURE	BOLLARD	277	MXR100/U/MED
S	COLUMBIA	WPW8-232-A-4EB8	8' SURFACE WRAPAROUND w/4-4'LP	SURFACE	277	F32T8/SPX35
T	PRESCOLITE	TV341	GIMBLE RING LOW VOLTAGE TRACK HEAD	TRAVK	277	Q50MR16/FL40-EXN
T8	PRESCOLITE	TS8 w/TS13	8' TRACK w/ LIVE END	TRACK	277	
V	KIM	#5012-MH-277V	INGROUND FLAG POLE LIGHT	INGROUND	277	MVR175
W	HUBBELL	NRQ-100	OUTSIDE WALL LIGHT FOR MANDOOR	WALL	277	INCLUDED
X	PRESCOLITE	PEXL 3REN W	EXIT SIGN w/ BATTERY BACKUP	UNIVERSAL	277	INCLUDED
X2	PRESCOLITE	PEXL 3REN ????	EXIT SIGN (2-FACE) w/ BATTERY BACKUP	CEILING	277	INCLUDED
XE	PRESCOLITE	PRXHL 3RECW CB	EXIT SIGN w/DOUBLE HEAD EMERG. LIGHTS	UNIVERSAL	277	INCLUDED

NOTE: All above light fixtures a subject to subsitution of equal grade and quality.

Symbols Legend

OUTLETS

- SINGLE RECEPTACLE (120 VOLT)
- DUPLEX RECEPTACLE (120 VOLT)
- WEATHERPROOF RECEPTACLE
- GROUND FAULT RECEPTACLE
- ISOLATED GROUND RECEPTACLE
- DRINKING FOUNTAIN
- RECEPTACLE (mounted above counter)
- HALF SWITCHED RECEPTACLE
- DOUBLE DUPLEX RECEPTACLE
- CLOCK RECEPTACLE
- FLUSH FLOOR RECEPTACLE, DUPLEX
- FLUSH FLOOR DATA OUTLET
- Tele OUTLET - 3/4" C Stub-up
- Data OUTLET - 3/4" C Stub-up
- DATA/TELE OUTLET - 3/4" C
- FLUSH FLOOR DATA/TELE OUTLET
- CEILING / WALL JUNCTION BOX
- PULL (JUNCTION) BOX
- TELEVISION ANTENNA OUTLET 3/4" C Stub-up

SWITCHES

- SINGLE-POLE SWITCH
- DOUBLE-POLE SWITCH
- THREE-WAY SWITCH
- FOUR-WAY SWITCH
- DOOR-OPERATED SWITCH
- KEY SWITCH
- DIMMER SWITCH (WATTAGE SHOWN)

FIXTURES

- SURFACE FLUOR. FIXTURE W/BOX
- RECESSED FLUORCENT FIXTURE
- FLUORECENT STRIP FIXTURE W/BOX
- OTHER FLUORSCENT FIXTURE
- NIGHT LIGHT (on 24 hours)
- FIXTURE ON EMERGENCY CIRCUIT
- RECESSED DOWNLIGHT
- RECESSED WALLWASHER
- SPOTLIGHT (number of heads shown)
- KEYLESS LAMPHOLDER
- PULLCHAIN LAMPHOLDER
- EXIT FIXTURE (arrows indicate number of faces)
- EXIT FIXTURE, WALL MOUNTED
- INCANDESCENT WALL BRACKET
- INCANDESCENT CEILING MOUNTED
- LIGHT TRACK
- LIGHT TRACK FIXTURE
- STREET TYPE POLE FIXTURE
- NEMA TYPE V POLE MTD. FIXTURE (arrow indicates lamp orientation)
- NEMA TYPE III POLE MTD. FIXTURE
- NEMA TYPE III WALL MTD. FIXTURE
- H.I.D. WALLPACK FIXTURE
- SPECIAL PURPOSE FIXTURE
- H.I.D. CEILING FIXTURE
- EMERGENCY EGRESS LIGHT (number of heads shown)

MECHANICAL

- MOTOR AND CONNECTION, HP SHOWN
- CEILING EXHAUST FAN (1/X HP U.O.N.)
- WALL TYPE EXHAUST FAN, HP SHOWN
- PIPE HEAT TRACING
- ELECTRIC UNIT HEATER
- ELECTRIC BASEBOARD HEATER
- ELECTRIC CABINET HEATER
- ELECTRIC WATER HEATER
- PADDLE FAN

SERVICE and EQUIPMENT

- TRANSFORMER, PAD MOUNTED
- TRANSFORMER, DRY (KVA shown)
- DISCONNECT SWITCH (fuse size shown)
- NON-FUSED DISC. (switch size shown)
- MAGNETIC STARTER (BY /C U.O.N.)
- COMB. STARTER (BY /C U.O.N.)
- PANELBOARD, SURFACE MOUNTED
- PANELBOARD, FLUSH MOUNTED
- WEATHERHEAD
- UTILITY METER, AS REQUIRED
- CURRENT TRANSFORMERS (with potential transformers where required)
- GROUND CONNECTION PER N.E.C.

FIRE ALARM

- SMOKE DETECTOR (specify type)
- SMOKE DETECTOR (specify type)
- DETECTOR, RATE OF RISE
- DUCT DETECTOR
- HORN
- HORN & LIGHT
- SPEAKER
- SPEAKER & LIGHT
- PULL STATION
- FACP — FIRE ALARM CONTROL PANEL
- ANN — ANNUNCIATOR PANEL
- —EOL— END OF LINE DEVICE
- MAGNETIC DOOR HOLDER
- FIREFIGHTER COMMUNICATION JACK
- AUDIBLE SIGNAL
- FS — FLOW SWITCH (furnished by /C)
- TS — TAMPER SWITCH (furnished by /C)

DESIGNATIONS

- REVISION NOTE
- FLAG NOTE
- DETAIL NOTE
- NUMBER — EQUIPMENT DESIGNATION
- FEEDER NUMBER
- UON — UNLESS OTHERWISE NOTED

SCHEDULE FOR PANEL: MP BUSSING AMPS: 800A VOLTAGE: 480/277V PHASE: 3 WIRE: 4 NEMA: 1
MAINS: 800A M.L.O. MOUNTING: Surface TYPE: ____ REMARKS: MAIN SERVICE PANEL

LOAD DESCRIPTION	WIRE	P	AMP	CCT	V/A	PHASE	V/A	CCT	AMP	P	WIRE	LOAD DESCRIPTION
Lobby Lighting "A"	12	1	20	1	2555	A	3920	2	20	1	12	Urgent Care Lighting
Lobby Lighting "B"	12	1	20	3	2555	B	3920	4	20	1	12	Urgent Care Lighting
Emergency & Nite Lite	12	1	20	5	3200	C	3780	6	20	1	12	Lounge / Medical Records / Office
Restroom / Front Lobby Lighting	12	1	20	7	2240	A	4060	8	20	1	12	Primary Care Hall Lighting
Rear Site Lighting	12	1	20	9	2690	B	4200	10	20	1	12	Primary Care Exam Room Lighting
Front Site Lighting	12	1	20	11	2690	C	1380	12	20	1	12	Flag Pole Lighting
Security & Sign Lighting	12	1	20	13	1620	A		14				Spare
Spare				15		B		16				Spare
Spare				17		C		18				Space
Spare				19		A		20				Space
Space				21		B		22				Space
Space				23		C		24				Space
Space				25		A		26				Space
Space				27		B		28				Space
Front Entry & Canopy Lighting	12	1	20	29	900	C	2310	30	20	1	12	Dental Office Lighting
	<	<	<	31		A		32	>	>	>	
RTU - 1	3	3	70	33	28586	B	275KW	34	400	3	500	Feed for Panel "H-1"
	<	<	<	35		C		36	>	>	>	
	<	<	<	37		A		38	>	>	>	
RTU - 2	3	3	70	39	28586	B	135KW	40	200	3	250	Feed for Transformer "T-1"
	<	<	<	41		C		42	>	>	>	

TOTAL CONNECTED VA: 522 Kva
TL AMPS: 628A

STATE OF MISSOURI — ADAM D. SCHNITKER — NUMBER E-24537 — REGISTERED PROFESSIONAL ENGINEER

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SIGNATURE

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BJC HEALTH SYSTEM℠

BJC / O'FALLON
FAMILY HEALTH CENTER
2630 Highway K
O'Fallon, Missouri 63366

Revisions

Date	Description

DR	CK	DATE
MJB	ADS	11/14/97

Plotted: 11/14/97

Sheet No. E-1

Job No. 9756-0598