150023

PANEL A ② — PANEL LOCATION: ROOM 9 — MAIN (AMP) MLO — BUS RATING 200 AMPS — 120/208V. 3 Ø. 4 W. — MOUNTING: FLUSH

LOCATION	VOLTAMPS A	B	C	LTG	REC	MIS	CIR	BKR	BKR	CIR	MIS	REC	LTG	VOLTAMPS A	B	C	LOCATION
EXISTING CIRCUITS	900						1	20	20	2			1000				EXISTING CIRCUITS
		1260					3			4				1800			
			900				5			6					1800		
	900						7			8			1000				
		950					9			10				1000			
			700				11			12					2000		
	1050						13			14			2000				
		750					15			16				1200			
			750				17			18					800		
	750						19			20			400				
		900					21			22				400			
			750				23			24					1800		
① ROOM 9	600				6		25			26			900				
		500			5		27			28				750			
			500		5		29			30					800		
	900				6		31			32			600				ROOM 9 ①
		750			5		33			34				600			ROOM 9 ①
① ROOM 9			750		5		35			36					1200		
SPARE							37			38			750				SPARE
							39			40							SPARE
							41			42							

ØA = 11,750 — ØB = 10,860 — ØC = 12,750

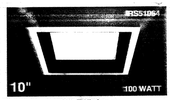
TOTAL CONNECTED VA	35360 VA
LGL @ 125%	17800 VA
TOTAL OTHER LOAD	17560 VA
PANEL LOAD	35360 VA
FEEDER AMPS	110.6 AMP

① EXISTING CKTS ROOM 9 MODIFIED.
② EXISTING LOADS PLUS THE MODIFIED LOADS PRODUCES A LOAD LESS THAN THE EXISTING LOADS PRIOR TO MODIFICATION. THEREFORE, AN EXISTING 200A FEEDER AND SERVICE ARE ADEQUATE.

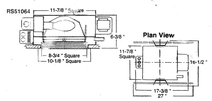
LIGHTING FIXTURE SCHEDULE

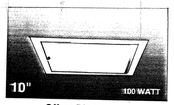
SYM. / WATTS	DESCRIPTION	LAMPS NO.	LAMPS WATTS	LAMPS TYPE	MOUNTING OR REMARKS
A / 100	RECESSED 10" SQUARE METAL HALIDE FIXTURE WITH REGRESSED LENS SPECULAR ALUMINUM REFLECTOR, TEMPERED LOW BRIGHTNESS PRISMATIC GLASS ENCAPSULATED HPF BALLAST. KIRLIN #RS51064-43-70-120.	1	70	METAL HALIDE	RECESSED
A1 / 100	SAME AS TYPE A EXCEPT WITH TIME DELAY RELAY AND DCB SQUARE. KIRLIN #RS51064-43-70-120V-66.	1	70	METAL HALIDE	RECESSED
B / 100	RECESSED 10" SQUARE METAL HALIDE DOWN LIGHT WITH OFFSET HORIZONTAL SOCKET, TEMPERED LOW BRIGHTNESS PRISMATIC FLAT GLASS, ENCAPSULATED HPF BALLAST. KIRLIN #RS51051	1	100	METAL HALIDE	RECESSED
B1 / 100	SAME AS TYPE B EXCEPT WITH TIME DELAY RELAY AND DCB SOCKET. KIRLIN #RS51051-66.	1	100	METAL HALIDE	RECESSED

NOTE: TIME DELAY RELAY & DCB SOCKET IN TYPE "A1" AND "B1" FIXTURES PROVIDES IMMEDIATE LIGHT DURING POWER OUTAGE WHEN ENERGIZED UNTIL HID REACHES 70% OUTPUT.

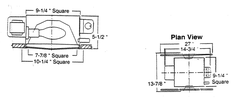


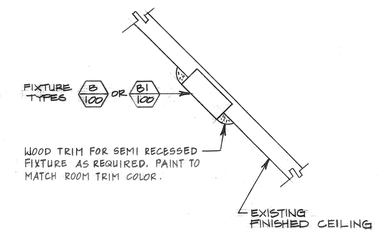
54% Efficiency
65% Option -FR





Offset Distribution
65% Efficiency

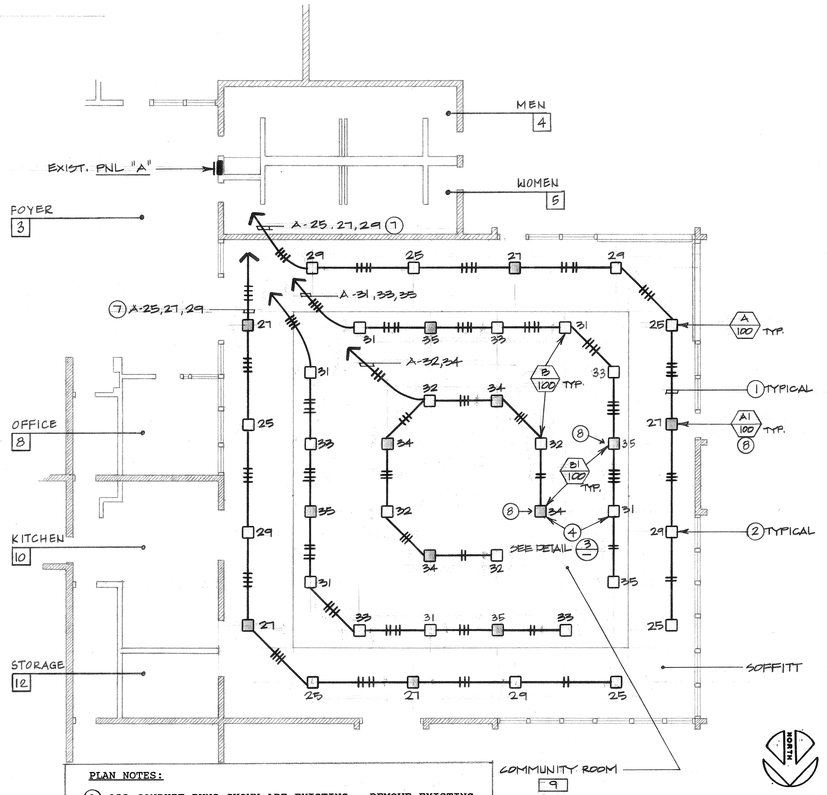




TYPE A & A1 FIXTURE — SCALE: N.T.S. — ① — **TYPE B & B1 FIXTURE** — SCALE: N.T.S. — ② — **SLOPED CEILING FIXTURE MOUNTING DETAIL** — SCALE: N.T.S. — ③

SYMBOL LIST

- □ 32 — RECESSED H.I.D. FIXTURE "32" DENOTES CIRCUIT NUMBER. SEE FIXTURE SCHEDULE.
- ■ — SAME AS ABOVE EXCEPT WITH INSTANT LIGHT SOURCE AFTER OUTAGE. SEE FIXTURE SCHEDULE.
- ▬ — FLUSH PANEL (EXISTING).
- ⫽ — EXISTING CONDUIT, NEW 2#12.
- ⫽ — EXISTING CONDUIT, NEW 3#12.
- ⫽ — EXISTING CONDUIT, NEW 4#12.
- → — HOME RUN
- (7) — PLAN NOTES
- [3] — ROOM NUMBER
- A / 100 — FIXTURE TYPE "A", "100" DENOTES TOTAL VA.



PLAN NOTES:

1. ALL CONDUIT RUNS SHOWN ARE EXISTING. REMOVE EXISTING CONDUCTORS AND PROVIDE NEW CONDUCTORS AS SHOWN.
2. DISCONNECT AND REMOVE ALL RECESSED INCANDESCENT LIGHTING FIXTURES AS SHOWN.
3. REPLACE ALL INCANDESCENT LIGHTING FIXTURES WITH METAL HALIDE FIXTURES AS NOTED ON THE PLAN AND FIXTURE SCHEDULES.
4. WHERE CEILING CAVITIES ARE NOT DEEP ENOUGH, CONTRACTOR SHALL SEMI-RECESS THE FIXTURES AND PROVIDE A TRIM AS NECESSARY TO FLUSH OUT AND FINISH NEW FIXTURE INSTALLATION.
5. CONNECT THE NEW FIXTURES TO THE EXISTING CIRCUITS. PROVIDE NEW CONDUCTORS.
6. THE CONTRACTOR SHALL REPAIR OR REPLACE ALL EXISTING CEILING TILES DAMAGED AS A RESULT OF THE WORK PERFORMED ON THIS CONTRACT.
7. THERE SHALL BE NO SPLICING IN THE PANEL.
8. ADDITIVE BID: PROVIDE AND INSTALL A PHOTOCELL AND A 3 POLE 30A LIGHTING CONTACTOR WITH A BY-PASS SWITCH FOR CIRCUITS 27,35 & 34. PHOTOCELL "ON" AND "OFF"

PARTIAL ELECTRICAL LIGHTING PLAN — SCALE: 1/8"=1'-0" — 4

BORDWELL PARK
COMMUNITY CENTER
LIGHTING IMPROVEMENT
2008 PENNSYLVANIA AVE., RIVERSIDE, CA.

DRAWING NUMBER

city of riverside
park & recreation
department
(909) 782-5223
3900 MAIN ST RIVERSIDE, CALIFORNIA 92522

revisions	by

date	7-26-94
design	
drawn	C.M.C.
check	J.P.A. SR.
acc't no.	
SHEET	E-1 of 1

PLAN NO.: P-0214-E

Jack T. Tamai 9/30/94
STATE OF CALIFORNIA

JOB # 23 - 729

CONTACT : JACK T. TAMAI

RWR PASCOE
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22690 Cactus Ave., Suite 140, Moreno Valley, California 92553, (714) 653-9295, FAX (714) 653-7198

DRAWING NUMBER
PLAN HOLD DESCRIPTION • RIVERSIDE, CALIFORNIA
RECEIVED FOR PLAN CHECK
REVISIONS DUE BY JUNE 30, 1994

DRAWING NUMBER
PLAN HOLD DESCRIPTION • RIVERSIDE, CALIFORNIA
RECEIVED FOR PLAN CHECK
REVISIONS DUE BY JUNE 30, 1994

DRAWING NUMBER
Bordwell
PLAN HOLD DESCRIPTION • RIVERSIDE, CALIFORNIA
RECEIVED FOR PLAN CHECK
REVISIONS DUE BY JUNE 30, 1994