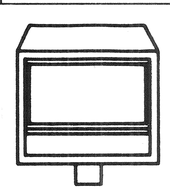
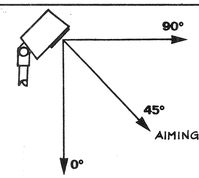
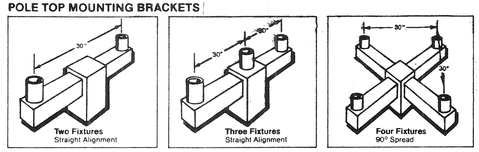
ELECTRICAL SYMBOL LIST

	30' POLE WITH 1 POLE-TOP FIXTURE, ARROW INDICATES DIRECTION OF LIGHT BEAM. (A/460)
	SAME AS ABOVE EXCEPT WITH 2 FIXTURES. (A/460) SHADED FIXTURE INDICATES NIGHT LIGHT (N.L.) TYP.
	SAME AS ABOVE EXCEPT WITH 3 FIXTURES.
	SAME AS ABOVE EXCEPT WITH 4 FIXTURES.
	ROOF MOUNTED FIXTURE (B/180)
	UNDERGROUND CONDUIT RUN SIZE AS NOTED.
N.L.	NIGHT LIGHT
C	CONDUIT
E	EXISTING UNDERGROUND CONDUIT
P	UNDERGROUND PULL BOX
(1)	NOTE NUMBER 1
G	GROUND CONDUCTOR.



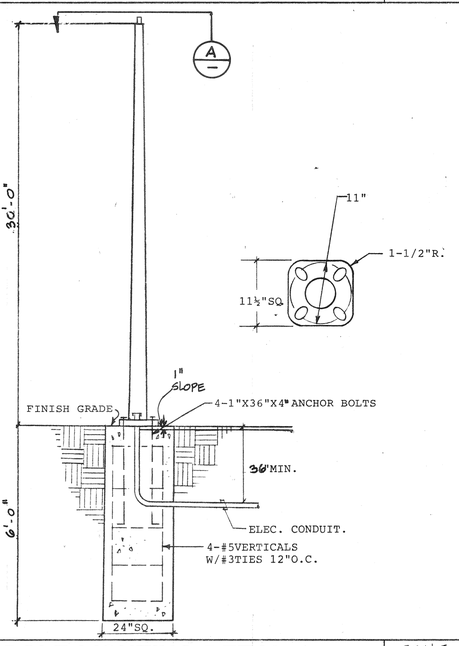


POLE TOP MOUNTING BRACKETS



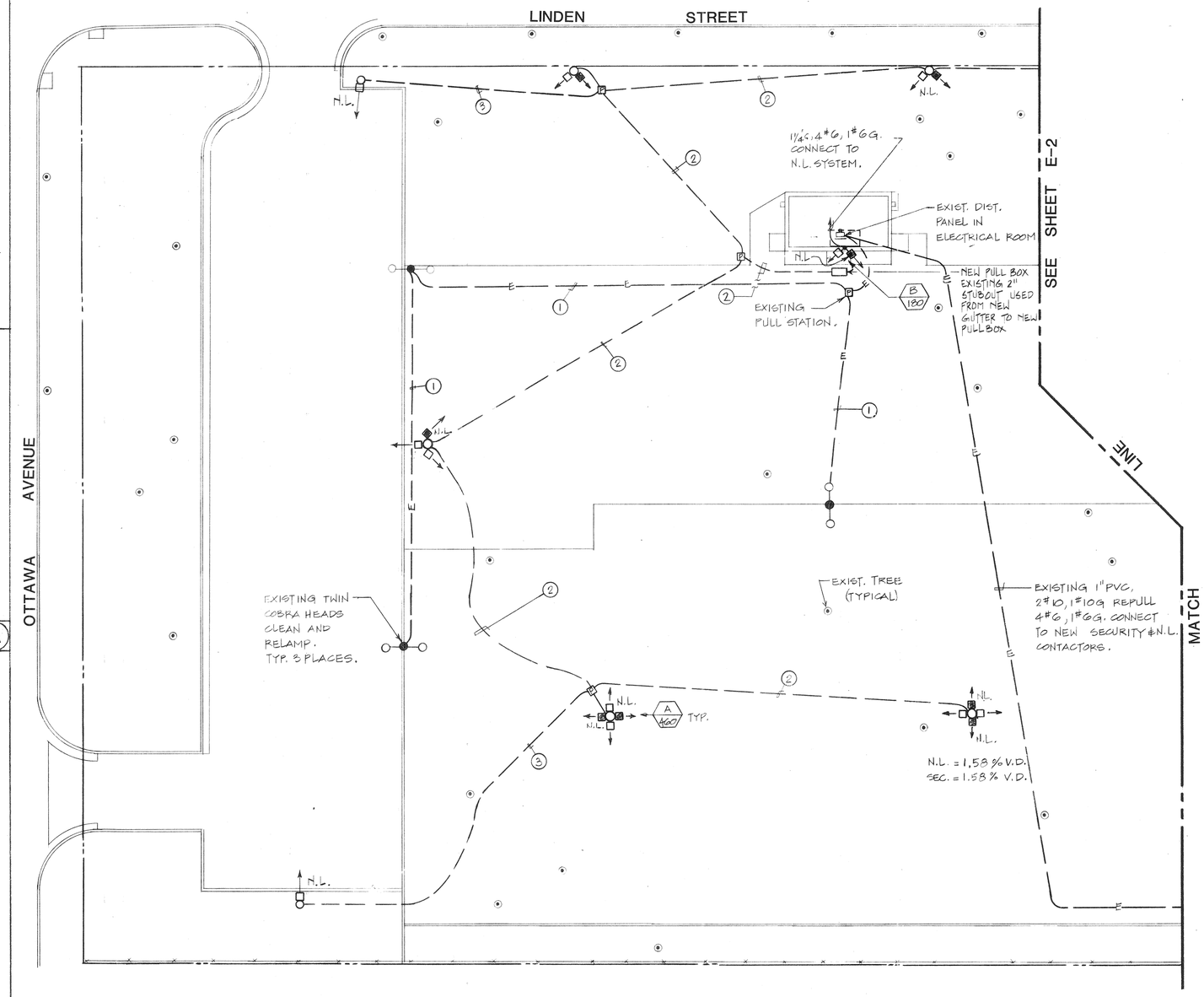
POLE MOUNTING BRACKETS TOP

SCALE N.T.S. (A)



POLE LIGHTING DETAIL

SCALE N.T.S. (2)



PLAN NOTES:

1. REMOVE CONDUCTORS FROM EXISTING CONDUIT. THE EXISTING CONDUIT SHALL BE SWABBED CLEAN WITH A MANDREL PRIOR TO THE INSTALLATION OF NEW CONDUCTORS 2#6, 1#6G. RECONNECT TO NEW SECURITY LTG. SYSTEM.
2. NEW 1 1/4"C UNDERGROUND, 4#6, 1#6G.
3. NEW 1"C UNDERGROUND, 2#6, 1#6G.

PARTIAL ELECTRICAL SITE PLAN

SCALE 1" = 20'-0" (1)

NORTH

9.30.90

CONTACT: JACK TAMAI

#82-257

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3780 Twelfth Street • Riverside, California 92501 • 714-787-1800

PATTERSON PARK
SECURITY LIGHTING

PARTIAL ELECTRICAL SITE PLAN

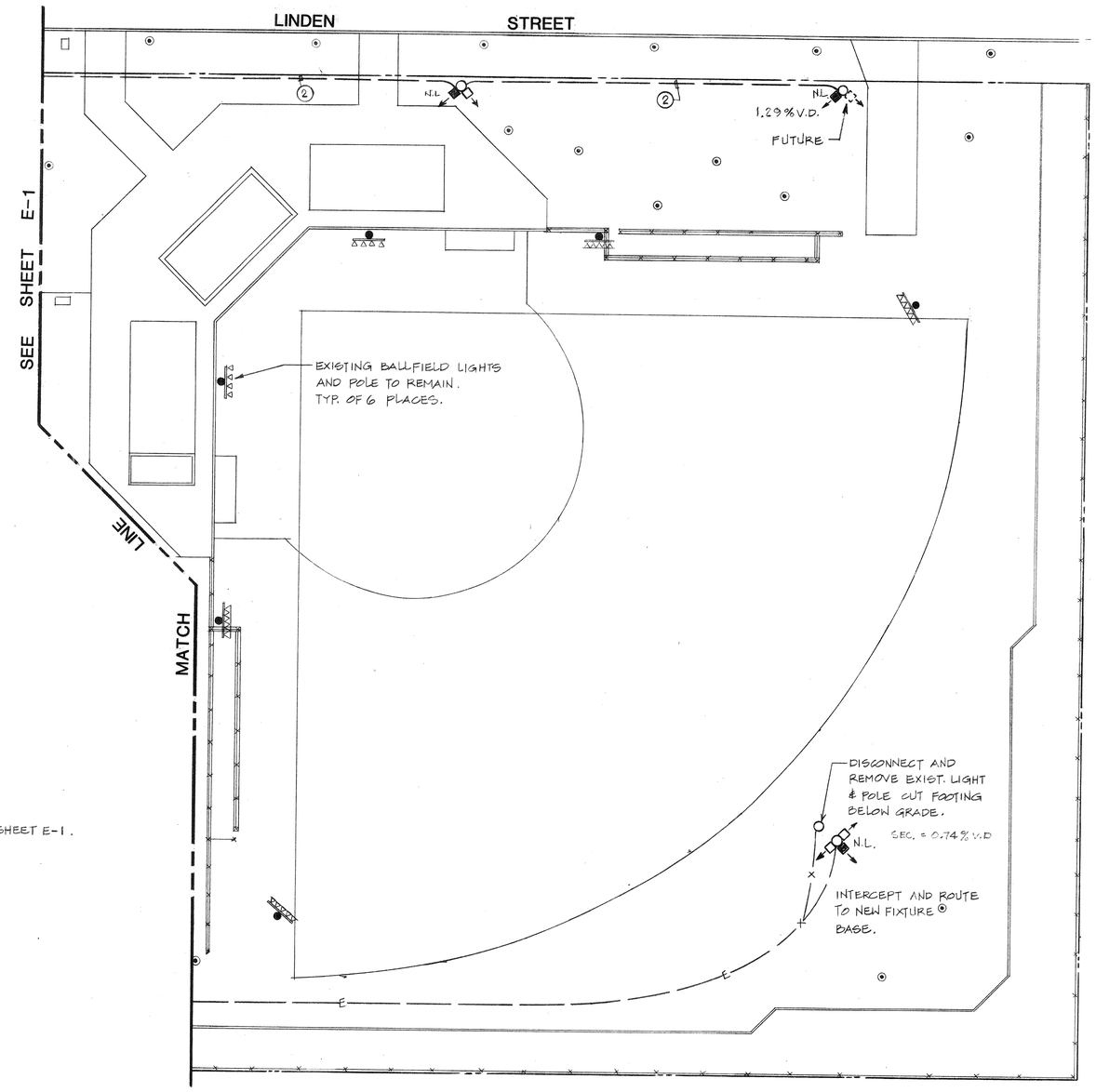
city of riverside
park & recreation
department
(714) 787-7923
3900 MAIN ST RIVERSIDE, CALIFORNIA 92522

revisions	by
AS-BUILT	3-14-90

date	APRIL '89
design	JT
drawn	DT
check	LC
acc't. no.	01-532-492

SHEET E-1 of 3

P-0720



NOTE:
SEE NOTE (2) ON SHEET E-1.

PARTIAL ELECTRICAL SITE PLAN

SCALE 1" = 20'-0" (1)

NORTH

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PATTERSON PARK
SECURITY LIGHTING

PARTIAL ELECTRICAL SITE PLAN

BID SET

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design	JT
drawn	DT
check	LC
acct. no.	01-592-492

SHEET E-2 of 3

P-0720

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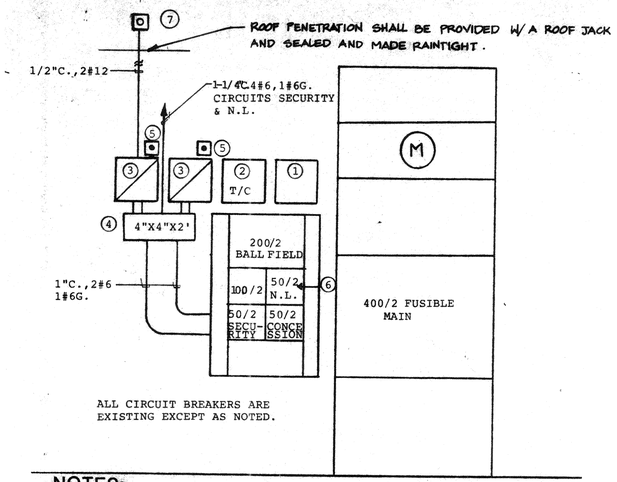


NOTES:

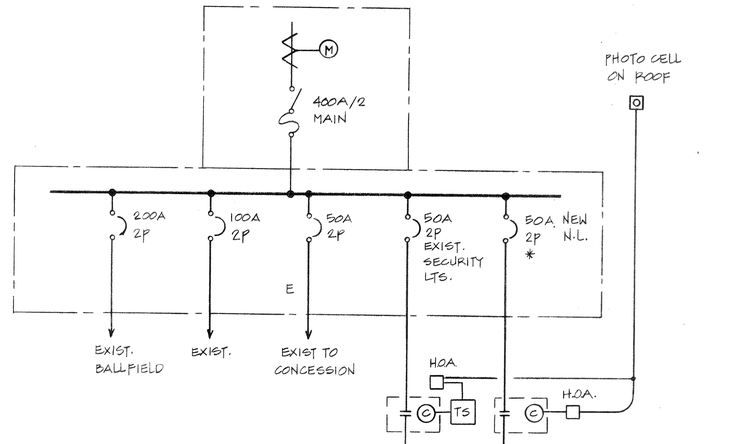
1. EXISTING FUSIBLE SWITCH FUSE @ 50A.
2. EXISTING TIME SWITCH. REPLACE WITH ELECTRONIC PROGRAMMABLE
3. 2-NEW 60A-2P MAGNETIC CONTACTOR . TIME SWITCH - PARAGON # EC7253T/120 - 2 CHANNEL.
4. 4"X4"X24" WIREWAY.
5. 2-NEW H.O.A. SWITCH.
6. NEW 50A-2P CIRCUIT BREAKER (N.L.).
7. NEW PHOTOCELL ABOVE ROOF. AIM @ NORTH.

ELEVATION EXISTING SERVICE & DISTRIBUTION BOARDS

SCALE N.T.S. (4)

LIGHTING FIXTURE SCHEDULE

type / watts SYM	DESCRIPTION	LAMPS No.	Watts	Type	VOLTS	MANUFACTURER	CATALOG NO.	MOUNTING
A 460	CUT OFF SITE LIGHT OF ONE PIECE CAST ALUMINUM, TEMPERED IMPACT RESISTANT GLASS LENS AND A REMOVABLE POWER DRAWER BALLAST ASSEMBLY. HPF,CWA MULTI-TAP BALLAST, DOUBLE FUSED, VANDAL SHIELD. MOUNTING BRACKETS/FITTERS AS REQUIRED.	1	400	HPS	240	MCGRAW EDISON	FC-2268S-9-FA-25	POLE TOP BRACKET
B 180	SIMILAR TO TYPE 'A' EXCEPT . LAMP AND HPF, HR BALLAST	1	150	HPS	240	MCGRAW EDISON	FC-1838S-9-FA-25	ROOF-TOP BRACKET

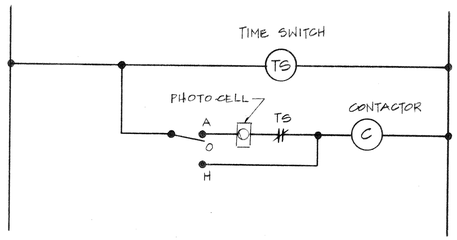


LOAD SUMMARY

BALLFIELD	21,600 W
CONCESSION	9,600 W MAX.
MISC.	5,000 W
EXIST & NEW SECURITY & NIGHT LIGHT	13,870 W
31470 x 1.25 =	46840 W
OTHERS =	14600 W
TOTAL =	61440 W
OR	256A @ 240V.

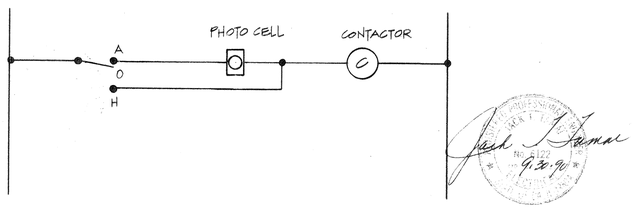
ELECTRICAL SINGLE LINE DIAGRAM

SCALE N.T.S. (1)



SECURITY LIGHT CIRCUIT - SCHEMATIC DIAGRAM

SCALE N.T.S. (2)



NIGHT LIGHT CIRCUIT - SCHEMATIC DIAGRAM

SCALE N.T.S. (3)

#82-257

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PATTERSON PARK SECURITY LIGHTING

SINGLE LINE DIAGRAM, SECURITY LIGHT CIRCUIT NIGHT LIGHT CIRCUIT SCHEMATIC DIAGRAM, ELEVATION EXIST. SERVICE & DIST. SWBD. LIGHTING FIXTURE SCHEDULE

city of riverside
park & recreation
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SHEET	E-3 of 3

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