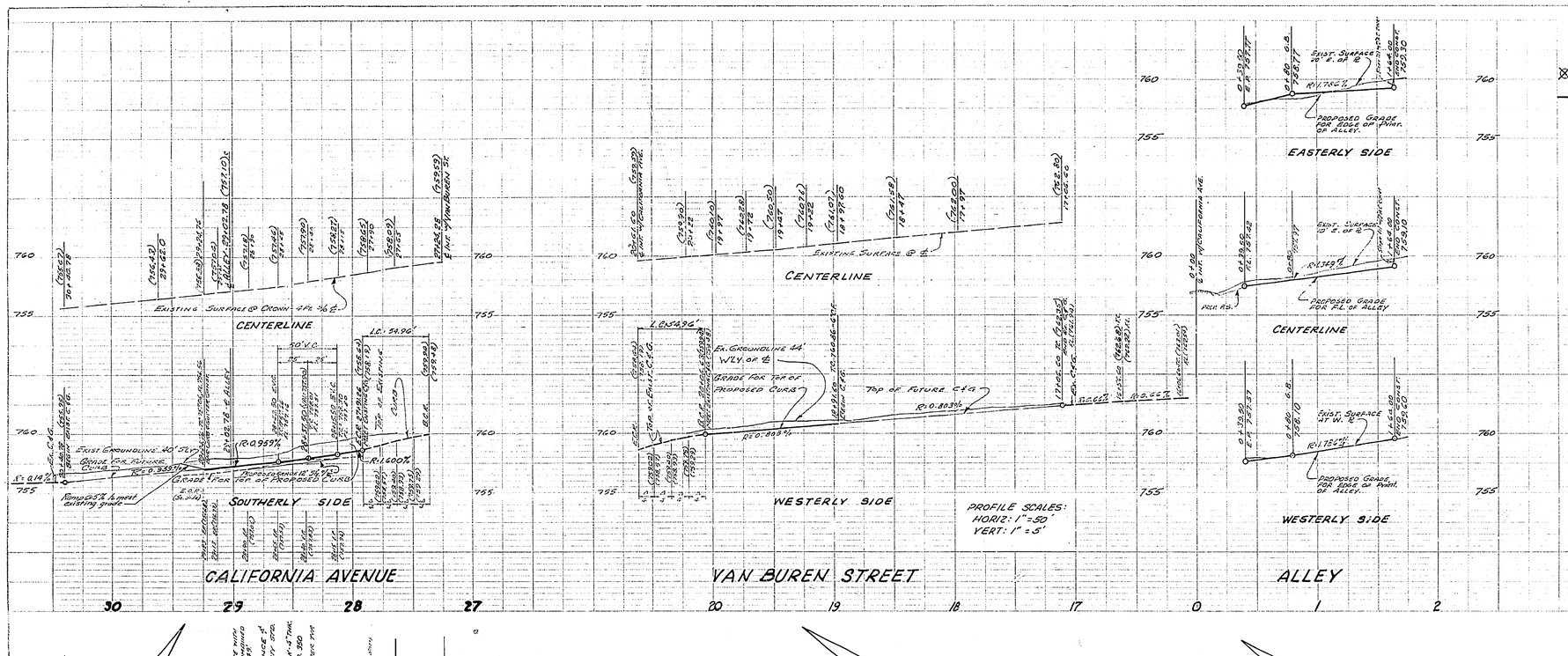


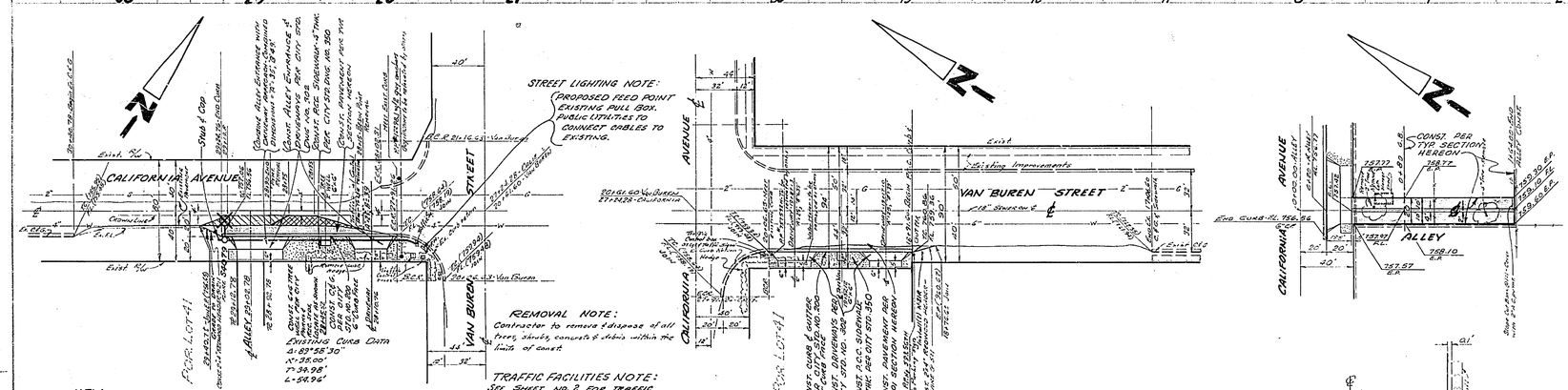
STREET LIGHT LEGEND and NOTES

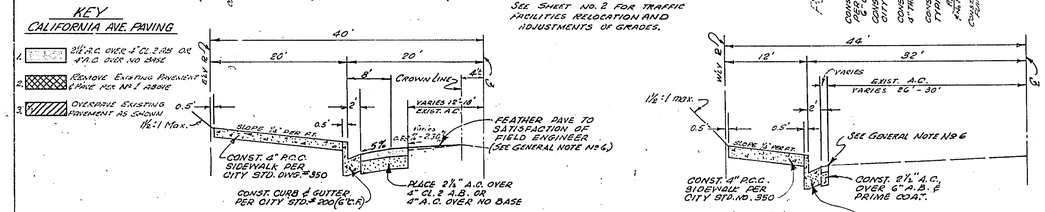
INDICATES CITY OF RIVERSIDE MARBLELITE LIGHT STANDARD NO 4504 WITH 15,000 LL 250W (T-25) "LUMA-MATERIAL" MERCURY VAPOR LUMINAIRE, OR AS LIKE OR APPROVED EQUAL.

INDICATES 1" RIGID GALVANIZED STEEL CONDUIT, EXCEPT AS NOTED.

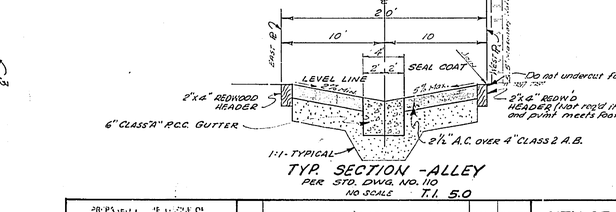
1. ALL STREET LIGHT STANDARDS AND PULL BOXES TO BE LOCATED IN THE FIELD.
2. ALL STREET LIGHT STANDARDS SHALL BE CHECKED FOR CLEARANCE OF DRIVEWAYS AND PLACED 2' FROM END OF CURB RETURNS.
3. SEE CITY OF RIVERSIDE DRAWING NO L1-13008 FOR LIGHT STANDARD DETAILS.
4. ALL CABLE TO BE AWG #12 COPPER.
5. THIS IS A 2 WIRE 240 VOLT MULTIPLE SYSTEM.
6. ALL CONSTRUCTION TO COMPLY WITH CITY OF RIVERSIDE STREET LIGHT SPECIFICATIONS.
7. INSPECTIONS TO BE CALLED FOR AS OUTLINED IN SPECIFICATIONS.
8. FEED POINT TO BE CONFIRMED AT TIME OF CONSTRUCTION.

B.M. CITY OF RIVERSIDE DATUM
S. & L. IN S.W. CURB RETURN,
SEQUOIA & CALIFORNIA
F.B. 550/53 ELEV. 757.85

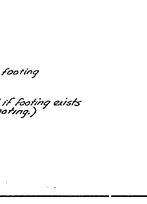




TYPICAL SECTION
CALIFORNIA AVENUE
NO SCALE
T.I. 6.0



TYPICAL SECTION
VAN BUREN STREET
T.I. 7.0



TYP. SECTION - ALLEY
PER STD. DWG. NO. 110
NO SCALE T.I. 5.0

GENERAL NOTES

1. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CLEAR THE RIGHT-OF-WAY IN ACCORDANCE WITH THE PROVISIONS OF LAW AS IT AFFECTS EACH UTILITY INCLUDING IRRIGATION LINE AND APPURTENANCES AND AT NO COST TO THE CITY.
2. CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF RIVERSIDE, DEPARTMENT OF PUBLIC WORKS SPECIFICATIONS NO. 461 AND STANDARD DRAWINGS.
3. PRIME COAT, SEAL COAT, AND PAINT BINDER ARE REQUIRED.
4. GRADING WILL REQUIRE A PERMIT UNDER ORDINANCE 3093 FOR A CUT OR FILL EXCEEDING 100 CUBIC YARDS, OR A FILL OVER ONE FOOT IN DEPTH.
5. CONTACT PARK & RECREATION DEPARTMENT AT 787-7301 AND PUBLIC UTILITIES ENGINEERING AT 787-7421, 24 HOURS PRIOR TO CONSTRUCTION FOR TREE WELL AND STREET LIGHT REQUIREMENTS.
6. TRIM EDGE OF EXISTING PAVEMENT WHERE NEW PAVING JOINS EXISTING PAVEMENT TO A CLEAN, STRAIGHT LINE. CONSTRUCT MATCH-UP PAVING AS SHOWN AND OVERLAY PAVING AS DIRECTED IN THE FIELD TO PRODUCE A SMOOTH CROWN SECTION.
7. THE AMOUNT OF ASPHALT OVERLAY ON EXISTING PAVEMENT HAS BEEN ESTIMATED BY THE ENGINEER TO BE APPROXIMATELY 24 TONS.
8. THE FINISHED SUBGRADE SHALL HAVE A RELATIVE COMPACTION OF NOT LESS THAN 90% FOR A DEPTH OF 0.5 FEET AS DETERMINED BY TEST METHOD NO. CALIF. 216-F (STATE DIV. OF HIGHWAYS MATERIALS MANUAL VOL. 1) IMMEDIATELY PRIOR TO PLACEMENT OF COVER.
9. FOR RELOCATION OF ANY CITY DOMESTIC OR IRRIGATION WATER FACILITY, OR ELECTRIC POWER UTILITY FACILITY TO BE DONE BY CITY FORCES, CONTACT L.A. EASTMAN, WATER COMMERCIAL ENGINEER AT 714-787-7441. SCHEDULE ABOUT 2 WEEKS TO PROCESS A WORK ORDER, BEFORE RELOCATION WORK BEGINS.

S.R. No 367 - R-50

PREPARED UNDER THE SUPERVISION OF:
PETER F. PFEILER - R.C.E. 12507 9-10-65

APPROVED FOR STREET LIGHTING:
GENERAL SUPERVISING CHIEF ENGR. 10-14-65 DATE

MARK	REVISIONS	APPR.	DATE

DESIGNED BY C.H.S. Jr. DRAWN BY C.H.S. Jr. CHECKED BY

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

	BY	DATE
APPROVED BY		
OFFICE ENGINEER		10-21-65
PARK DEPARTMENT	—	—
TRAFFIC DIVISION		10-21-65
ASSISTANT CITY ENG.		10-21-65

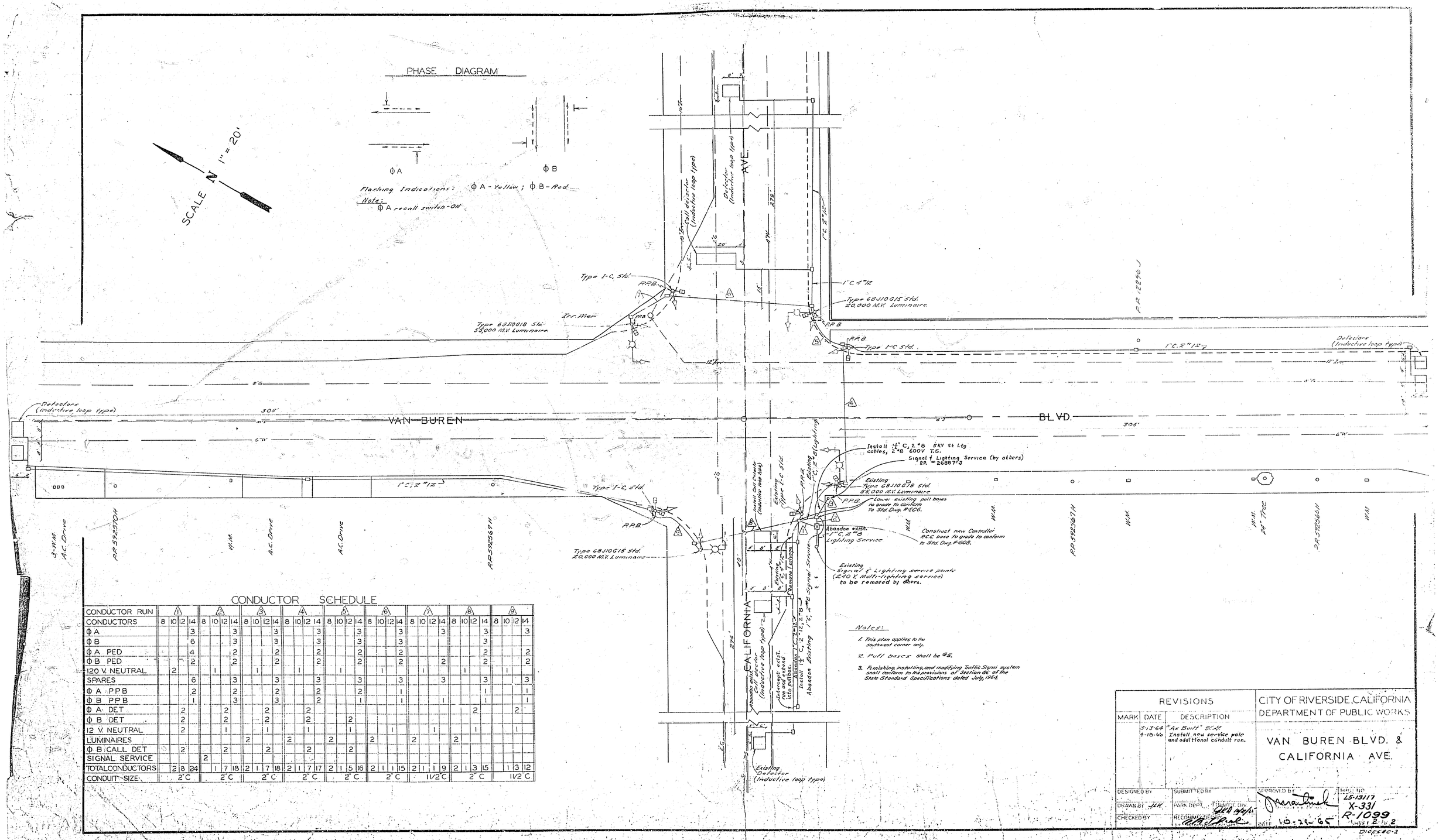
APPROVED BY
DIRECTOR OF PUBLIC WORKS
DATE 10-21-65

STREET IMPROVEMENTS
AT SOUTHWEST CORNER OF
CALIFORNIA AVENUE
and VAN BUREN STREET and
ALLEY R-119-645
173 Ft. TO 193 Ft. W'LY OF VAN BUREN ST.

HORIZ. SCALE: 1" = 50' VERT. SCALE: 1" = 5'

PROJECT NO.
L5-13117
R-1099
SHEET 1 OF 2
FILE NO.

D100 G80 C.H.S. Jr.



CONDUCTOR SCHEDULE

CONDUCTOR RUN	1				2				3				4				5				6				7				8				9			
CONDUCTORS	8	10	12	14	8	10	12	14	8	10	12	14	8	10	12	14	8	10	12	14	8	10	12	14	8	10	12	14	8	10	12	14	8	10	12	14
ϕ A				3				3				3				3				3				3				3				3				3
ϕ B				6				3				3				3				3				3								3				
ϕ A PED				4				2				2				2				2				2								2				2
ϕ B PED				2				2				2				2				2				2				2				2				2
120 V. NEUTRAL			2				1				1				1				1				1				1				1				1	
SPARES				6				3				3				3				3				3				3				3				3
ϕ A PPB				2				2				2				2				2				1								1				1
ϕ B PPB				1				3				3				2				1				1				1				1				
ϕ A DET			2				2				2				2																2				2	
ϕ B DET			2				2				2				2				2																	
12 V. NEUTRAL			2				1				1				1				1				1				1				1				1	
LUMINAIRES									2				2				2				2				2				2							
ϕ B CALL DET			2				2				2				2				2																	
SIGNAL SERVICE					2																															
TOTAL CONDUCTORS		2	8	24		1	7	18	2	1	7	18	2	1	7	17	2	1	5	16	2	1	1	15	2	1	1	9	2	1	3	15		1	3	12
CONDUIT SIZE			2"C				2"C				2"C				2"C				2"C				2"C				1 1/2"C				2"C				1 1/2"C	

Notes:

1. This plan applies to the southwest corner only.
2. Pull boxes shall be #5.
3. Furnishing, installing, and modifying Traffic Signal system shall conform to the provisions of Section 86 of the State Standard Specifications dated July, 1964.

REVISIONS		
MARK	DATE	DESCRIPTION
	5-13-64	"As Built"
	4-18-66	Install new service pole and additional conduit run.

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

VAN BUREN BLVD. & CALIFORNIA AVE.

DESIGNED BY
DRAWN BY JLK
CHECKED BY
SUBMITTED BY
PARK DEPT.
RECOMMENDED BY
APPROVED BY
DATE 10-25-65
DWG. NO. 25-13117 X-331 R-1099
SHEET 2 OF 2
D10CE&C-2

MISSION BLUEPRINT CO.