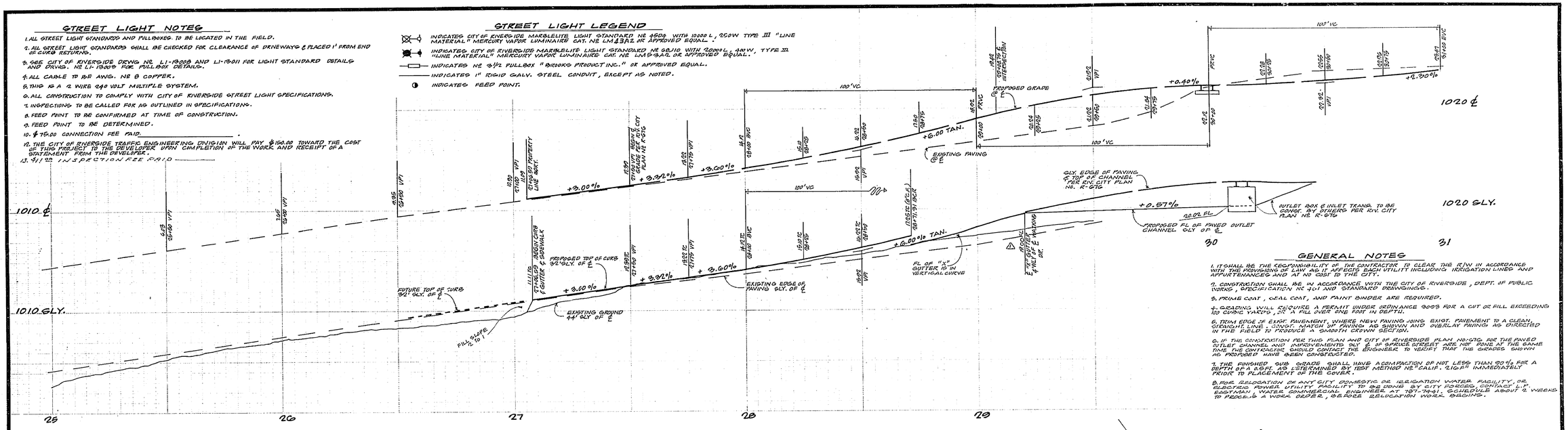
STREET LIGHT NOTES

1. ALL STREET LIGHT STANDARDS AND PULLBOXES TO BE LOCATED IN THE FIELD.
2. ALL STREET LIGHT STANDARDS SHALL BE CHECKED FOR CLEARANCE OF DRIVEWAYS & PLACED 1' FROM END OF CURB RETURNS.
3. SEE CITY OF RIVERSIDE DRWG NO. LI-13008 AND LI-13011 FOR LIGHT STANDARD DETAILS AND DRWG. NO. LI-13005 FOR PULLBOX DETAILS.
4. ALL CABLE TO BE AWG. NO 8 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.
9. FEED POINT TO BE DETERMINED.
10. $ 75.00 CONNECTION FEE PAID _____.
12. THE CITY OF RIVERSIDE TRAFFIC ENGINEERING DIVISION WILL PAY $150.00 TOWARD THE COST OF THIS PROJECT TO THE DEVELOPER UPON COMPLETION OF THE WORK AND RECEIPT OF A STATEMENT FROM THE DEVELOPER.
13. 4/12 INSPECTION FEE PAID _____

STREET LIGHT LEGEND

- INDICATES CITY OF RIVERSIDE MARBELITE LIGHT STANDARD NE 4508 WITH 10220 L., 250W TYPE III "LINE MATERIAL" MERCURY VAPOR LUMINAIRE CAT. NE LM-13AZ OR APPROVED EQUAL.
- INDICATES CITY OF RIVERSIDE MARBELITE LIGHT STANDARD NE 08310 WITH 12000 L., 400W, TYPE III "LINE MATERIAL" MERCURY VAPOR LUMINAIRE CAT. NE LM-13AZ OR APPROVED EQUAL.
- INDICATES NE 8½ PULLBOX "BROOKS PRODUCT INC." OR APPROVED EQUAL.
- INDICATES 1" RIGID GALV. STEEL CONDUIT, EXCEPT AS NOTED.
- INDICATES FEED POINT.



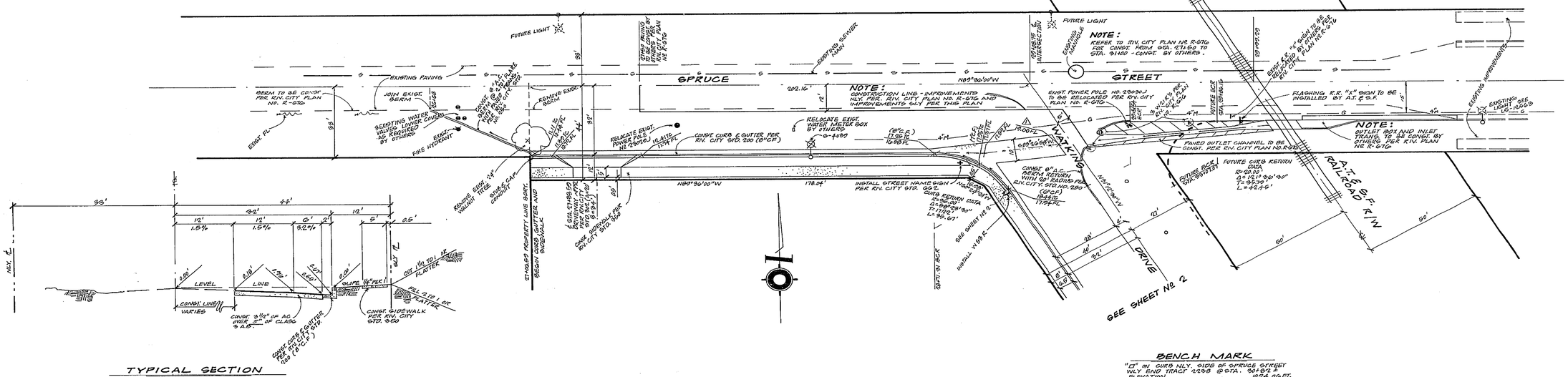
GENERAL NOTES

1. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CLEAR THE R/W IN ACCORDANCE WITH THE PROVISIONS OF LAW AS IT AFFECTS EACH UTILITY INCLUDING IRRIGATION LINES AND APPURTENANCES AND AT NO COST TO THE CITY.
2. CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF RIVERSIDE, DEPT. OF PUBLIC WORKS, SPECIFICATION NE 401 AND STANDARD DRAWINGS.
3. PRIME COAT, SEAL COAT, AND PAINT BINDER ARE REQUIRED.
4. GRADING WILL REQUIRE A PERMIT UNDER ORDINANCE 9009 FOR A CUT OR FILL EXCEEDING 100 CUBIC YARDS, OR A FILL OVER ONE FOOT IN DEPTH.
5. TRIM EDGE OF EXIST. PAVEMENT, WHERE NEW PAVING JOINS EXIST. PAVEMENT TO A CLEAN, STRAIGHT LINE, CONST. NEW A.C. PAVING AS SHOWN AND OVERLAY PAVING AS DIRECTED IN THE FIELD TO PRODUCE A SMOOTH CROWN SECTION.
6. IF THE CONSTRUCTION PER THIS PLAN AND CITY OF RIVERSIDE PLAN NO. 676, FOR THE PAVED OUTLET CHANNEL AND IMPROVEMENTS SLY ℄ OF SPRUCE STREET ARE NOT DONE AT THE SAME TIME THE CONTRACTOR SHOULD CONTACT THE ENGINEER TO VERIFY THAT THE GRADES SHOWN AS PROPOSED HAVE BEEN CONSTRUCTED.
7. THE FINISHED SUB GRADE SHALL HAVE A COMPACTION OF NOT LESS THAN 90% FOR A DEPTH OF 1 FOOT, AS DETERMINED BY TEST METHOD NE CALIF. 216-A IMMEDIATELY PRIOR TO PLACEMENT OF THE COVER.
8. FOR RELOCATION OF ANY CITY, DOMESTIC OR IRRIGATION WATER FACILITY, OR ELECTRIC POWER UTILITY FACILITY TO BE DONE BY CITY FORCES, CONTACT L. F. EASTMAN, WATER COMMERCIAL ENGINEER AT 787-7441. SCHEDULE ABOUT 2 WEEKS TO PREPARE A WORK ORDER, BEFORE RELOCATION WORK BEGINS.

STREET SIGN LEGEND

SPRUCE STREET NO. _____
WATKINS DRIVE NO. _____

NOTE:
1. STREET NAME SIGN AND POST ARE TO BE FURNISHED AND INSTALLED BY CONTRACTOR PER CITY STD. DRAWING NO. 6021 - (SEE SIGN LEGEND)
2. DEVELOPER SHALL CONTACT THE TRAFFIC DIVISION BEFORE ORDERING SIGN, TO OBTAIN BLOCK NUMBERS.



TYPICAL SECTION

SPRUCE STREET FROM STA. 21+40.69 TO 28+71.01
TRAFFIC INDEX NO. 7
(SCALE: 1"=10')

BENCH MARK

"D" ON CURB N'LY. SIDE OF SPRUCE STREET W'LY END TRACT 1298 @ STA. 30+82.4
ELEVATION . . . . . 1024.06 FT.

APPROVED BY: Don Campbell, GENERAL SUPT. & CHIEF ENGINEER. DATE: Nov. 22, 1965	J. F. DAVIDSON ASSOCIATES, CIVIL ENGINEERS · SURVEYORS · PLANNERS, RIVERSIDE, CALIFORNIA. APPROVED BY: Robert S. Kipper, REGISTERED CIVIL ENGINEER NO 18609. DATE: 8-5-65. W.O. 622 FOR: ST. GEORGES EPISCOPAL CHURCH	MARK: 1 Revise Elevation per RFT — REVISIONS — 4-12-66 — APPR. — DATE. DESIGNED BY JACK DRAWN BY JACK CHECKED BY JC	CITY OF RIVERSIDE, CALIFORNIA, DEPARTMENT OF PUBLIC WORKS. APPROVED BY (DATE): OFFICE ENGINEER (11-29-65); PARK DEPARTMENT (11-17-65); TRAFFIC DIVISION (11-24-65); ASSISTANT CITY ENG. (11-22-65); DIRECTOR OF PUBLIC WORKS (DATE 12-1-65)	C.U.P. NO C-43 - G34. STREET PLAN AND PROFILE AND STREET LIGHTING PLAN. SPRUCE STREET. ELY. SIDE FROM ℄ INTERSECTION A.T.&S.F. RAILROAD R/W AND SPRUCE STREET TO 930' ± WLY. HORIZ. SCALE: 1" = 20' VERT. SCALE: 1" = 4'	PROJECT NO. 65-#200, LS-13107, R-1008, SHEET 1 OF 2, FILE NO. 3907

FUTURE TOP OF CURB 32' WLY OF ℄

PROPOSED TOP OF CURB 32' WLY OF ℄

-1.50%

-3.32%

FILL 2 TO 1

1020 WLY

100' VC

PVC

EXISTING GROUND 44' WLY OF ℄

-2.12%

60' VC

T=10.66'

T=13.55'

L=39.07'

1020 WLY

1020 ℄

-1.50%

-3.32%

100' VC

PVC

FUTURE GRADE @ ℄

-1.00%

EXISTING GROUND @ ℄

1020 ℄

1020 FF 1' V.I.F. @ OUTLET

SEE SHEET NO 1

30 31 32 33 34

PLUG IRR. LINE

IRR. LINE TO BE CRIMPED IN PLACE OR REMOVED ON PROPERTY

CHAIN LINK FENCE, TYP. ELEV. CITY STD. NO. 400

ROW OF KELLOGG'S IRRIGATION STANDPIPES IN PROPERTY

S 89°58'30" E 1320.00'

EXIST. 8" DIA. WATER LINE IN WATKINS DR. & CANAL INTERSECTION

EXIST. SEWER MANHOLE AT CANAL INTERSECTION

E. STA. 91+55 PROVISIONAL APPR. PER R.W. CITY STD. 402

CONST. SIDEWALK PER R.W. CITY STD. 400

N01°12'30"W 206.57'

6' EASEMENT FOR TREE PLANTING PURPOSES

INSTALL W89-2

SEE SHEET NO. 1

CURB RETURN DATA
D=90°00'00"
R=25.00'
T=25.00'
L=39.27'

N00°46'30"W

GAGE

CANAL

R/W

STUB 2" G.I. CONDUIT

CONST. 40' OF 2" A.C. REDWOOD HEADRE

CONST. BARRICADE PER R.W. CITY STD. 180

REMOVE EXIST. IRRIGATION STANDPIPES & RELOCATE WITHIN THE R/W WLY OF ℄

CONST. 3.5" DIA. A.C. REDWOOD HEADER

PLUG IRR. LINE

WATKINS DRIVE

CONSTRUCTION LINE

N89°13'30"W

EXIST. 8" DIA. GUAVA TREE

EXIST. 18" DIA. PEPPER TREE

IRR.

ROW OF EXIST. 11" O.D. IRRIGATION STANDPIPES

CONST. CURB & GUTTER PER R.W. CITY STD. 200 (6" V.C.F.)

10' TRANS. FROM 10' A.C. BERM TO 8" A.C. BERM

CONST. 8" A.C. BERM RETURN WITH 20' RADIUS PER R.W. CITY STD. NO. 1200

EXIST. 18" DIA. IRRIGATION STANDPIPE

W.C.E. STA. 34+27.17 AHUKE C.K.

FUTURE CURB RETURN DATA
R=20.00'
Δ=90°00'00"
T=20.00'
L=31.42'

ROW OF 15 EXISTING EUCALYPTUS TREES

PAVED OUTLET CHANNEL TO BE CONST. PER R.W. CITY PLAN NO. R-616

A.T. AND S.F. RAILROAD R/W

CONST. 6" C.G.

CONST. 6" V.C.F.

CONST. 6" C.G.

CONST. 6" V.C.F.

CONST. CURB & GUTTER PER R.W. CITY STD. 200 (6" V.C.F.)

CONST. "A" GUTTER PER R.W. CITY STD. 200 (WIDTH 20')

TEMPLE

STREET

N89°46'30"W

SPRUCE

SPRUCE & INTERSECTION

NOTE:
FUTURE ELY CURB & DESIGNED FROM ELEV. 21.18 @ STA. 32+00 @ -2.00% TO THE P.I. ELEV. 20.00

NOTE:
CONSTRUCTION / LINE - IMPROVEMENTS WLY AND ELY PER R.W. CITY PLAN NO. R-616 AND IMPROVEMENTS SLY AND WLY PER THIS PLAN.

TYPICAL SECTION

WATKINS DRIVE WESTERLY OF STATION 31+60
TRAFFIC INDEX 10.7
(SCALE: 1"=10')

PROPOSED CONSTRUCTION 36' | FUTURE CONSTRUCTION 31'

40' | 27'

8' | 8'

16' | 12' | 12' | 12' | 12' | 12' | 1'

W.V.* | 6.5' | 2% | 6' | 2% | 12' | 2% | 4' | 1.6% | 12' | 1.6% | 1' | W.V.*

CUT 1½ TO 1 OR FLATTER

FILL 2 TO 1 OR FLATTER

CONST. SIDEWALK PER R.W. CITY STD. 400

CONST. CURB & GUTTER PER R.W. CITY STD. 200 (6" C.F.)

CONST. 3½" OF A.C. OVER 12" OF CLASS 9 A.B.

LEVEL

CONST. 12" 4" REDWOOD HEADER

CUT SLOPE 1½ TO 1 OR FLATTER

FILL SLOPE 2 TO 1 OR FLATTER

CONST. CURB & GUTTER PER R.W. CITY STD. 200 (6" C.F.)

CUT 1½ TO 1 OR FLATTER

FILL 2 TO 1 OR FLATTER

*W.V. = 8.5' + 1.5' + 1.5' + 8.5' = 20'

BENCH MARK

"D" ON CURB N.W. SIDE OF SPRUCE STREET W.LY. END TRACT 07092 @ STA. 34+92 & ELEVATION . . . . . 1054.06 Ft.

APPROVED BY:
GENERAL SUPT. & CHIEF ENGINEER
DATE: Nov. 22, 1965

J. F. DAVIDSON ASSOCIATES
CIVIL ENGINEER · SURVEYORS · PLANNERS
RIVERSIDE, CALIFORNIA
APPROVED BY: Robert S. Bryan
REGISTERED CIVIL ENGINEER NO 16699
DATE: 8-8-65
W.O. 622 FOR: EPISCOPAL CHURCH FEB 92 1/2-50

MARK	REVISIONS	APPR.	DATE
1	Revise Elevation per R.F.T.		4-12-66

DESIGNED BY JACK DRAWN BY JACK CHECKED BY J.C.

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY	BY	DATE
OFFICE ENGINEER	[illegible]	12-23
PARK DEPARTMENT		
TRAFFIC DIVISION	[illegible]	11-29
ASSISTANT CITY ENG.	[illegible]	12-30
	[illegible]	12-22

APPROVED BY: [signature]
DIRECTOR OF PUBLIC WORKS
DATE 1-7-66

C.U.P. N2 C-43-034
STREET PLAN AND PROFILE AND STREET LIGHTING PLAN

WATKING DRIVE
WLY SIDE FROM ℄ INTERSECTION TO 350' ± SLY OF SPRUCE STREET

HORIZ. SCALE: 1" = 20' VERT. SCALE: 1" = 4'

PROJECT NO. 65-R-200
LS-13107
R-1000
SHEET 2 OF 2
FILE NO. 3307