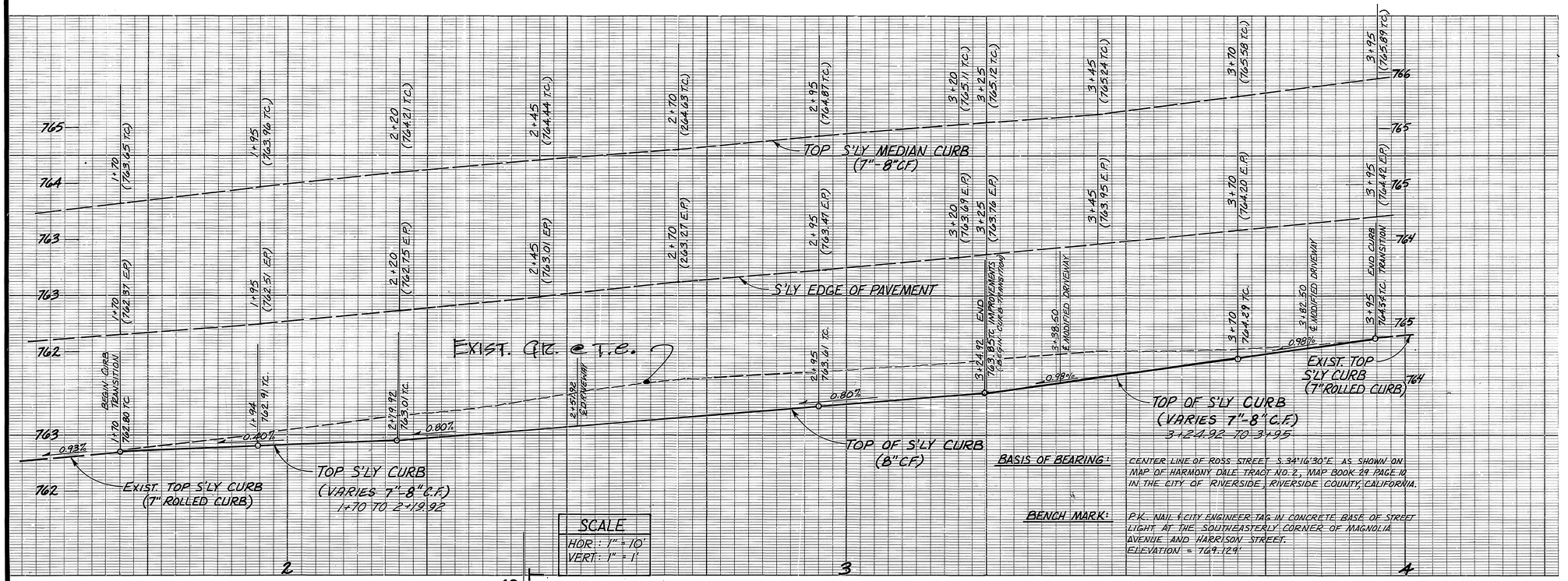


SCALE
HOR: 1" = 10'
VERT: 1" = 1'

BASIS OF BEARING: CENTER LINE OF ROSS STREET S.34°16'30"E. AS SHOWN ON MAP OF HARMONY DALE TRACT NO.2, MAP BOOK 29 PAGE 10 IN THE CITY OF RIVERSIDE, RIVERSIDE COUNTY, CALIFORNIA.

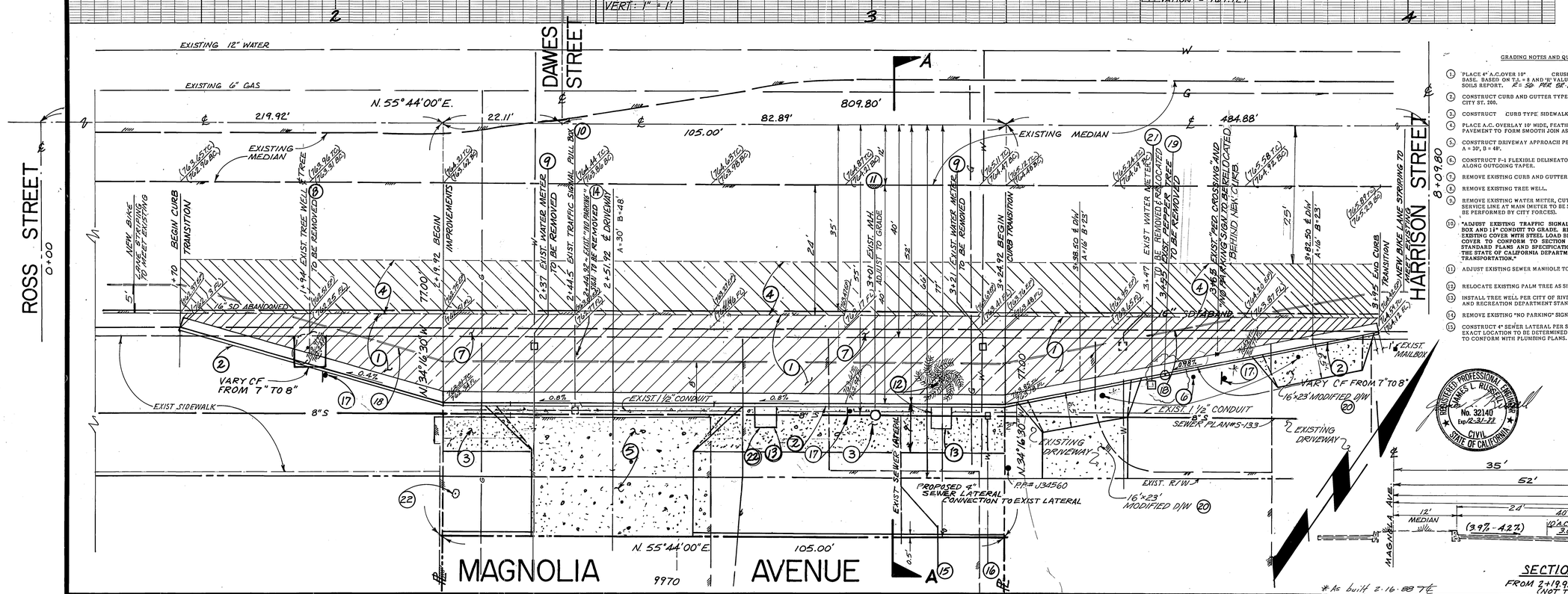
BENCH MARK: P.K. NAIL & CITY ENGINEER TAG IN CONCRETE BASE OF STREET LIGHT AT THE SOUTHEASTERLY CORNER OF MAGNOLIA AVENUE AND HARRISON STREET. ELEVATION = 769.129'

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 lines and appurtenances and at no cost to the city.
2. Construction shall be in accordance with the City of Riverside Department of Public Works, Standard Drawings, Standard Drawing No. 10 and the Standard Specifications for Public Works Construction, current edition.
3. The private engineer signing these plans is responsible for assuring the accuracy and acceptability of the work hereon. In the event of discrepancies arising during construction, the private engineer shall be responsible for determining an acceptable solution and revising the plans for approval by the City.
4. Quantities shown are for information only and the City of Riverside is not responsible for their accuracy.
5. The developer shall be responsible for preserving or re-establishing and referencing survey monuments destroyed, disturbed or buried as a result of construction shown hereon.
6. All flagged elevations shall be staked in the field by the private engineer.
7. Trim edge of existing pavement where new pavement joins to a smooth, straight line. Construct match-up paving as shown on plan and overlay paving as directed in the field to produce a smooth section.
8. Any traffic control striping obliterated and/or badly worn during construction shall be restored by the contractor within five days after notification from the City Inspectors.
9. Final striping for traffic control and/or pavement marking to be the responsibility of the developer.
10. The contractor shall call in a location request to Underground Service Alert (USA), Phone No. 1-800-422-4133, two working days before digging. No construction permit will be issued by the Public Works Department involving excavation for underground facilities unless the applicant has been provided an inquiry identification number by U.S.A.
11. In pavement overlay areas, distressed existing pavement shall be removed and replaced as directed by the Inspector prior to overlaying with A.C. pavement.
12. All related work shall conform to the City of Riverside Park and Recreation Department Standards.
13. Contact the Street Tree Inspector a minimum of 48 hours in advance at 714-351-6162 to schedule inspection. Inspections shall be required:
    a) When plant locations have been spotted in the field prior to digging plant pits.
    b) While digging plant pits and planting/relocating trees.
    c) After planting and all other indicated or specified work has been completed for start of maintenance.
    d) At end of maintenance/final acceptance (contractor/developer will be released from maintenance only upon receipt of written notification from the City that the Park and Recreation Department is assuming maintenance responsibilities).
14. The Contractor/Developer shall maintain all plantings for a minimum period of one (1) year.
15. Street Tree planting shall be as follows:

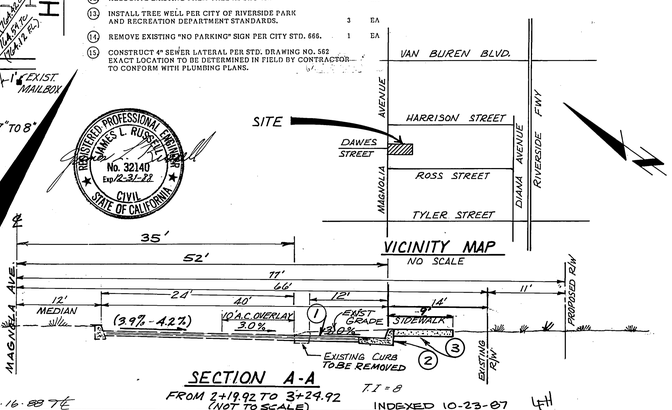
Street name	Botanical Name/ Common Name	Min. Size	Approximate Spacing	No. Reqd.
Magnolia	Magnolia Grandiflora/ Majestic Beauty	15 gal.	As shown	2
Magnolia	Washingtonia Robusta/ Mexican Fan Palm	Relocate as shown		

16. Park and Recreation Department and Public Works Department permits are required prior to commencement of tree relocation and/or removal work. For all trees within the ultimate pavement area, backfill of all holes is to be inspected by the City for proper compaction.
17. All Street Trees to be automatically irrigated.
18. Developer to give City Water Division five (5) working days written notice prior to start of construction and to allow City ten (10) working days for completion of work. City Water Division Phone No. (714) 351-6150.



GRADING NOTES AND QUANTITY ESTIMATES

1	PLACE 4" A.C.OVER 10" CRUSHED AGGREGATE BASE. BASED ON T.I. = 8 AND "R" VALUE OF 40PER SOILS REPORT. R= 56 PER SP-820	2,300	SF
2	CONSTRUCT CURB AND GUTTER TYPE 1 (8" CF) PER CITY ST. 200.	189	LF
3	CONSTRUCT CURB TYPE SIDEWALK PER CITY STD. 225.	472	SF
4	PLACE A.C. OVERLAY 10' WIDE, FEATHER OVER EXISTING PAVEMENT TO FORM SMOOTH JOIN AS REQUIRED BY CITY.	2,250	SF
5	CONSTRUCT DRIVEWAY APPROACH PER CITY STD. 302. A = 30', B = 48'.	811	SF
6	CONSTRUCT 1'-6" FLEXIBLE DELINEATORS 20' ON CENTER ALONG OUTGOING TAPER.	3	EA
7	REMOVE EXISTING CURB AND GUTTER.	225	LF
8	REMOVE EXISTING TREE WELL.	1	EA
9	REMOVE EXISTING WATER METER, CUT AND PLUG WATER SERVICE LINE AT MAIN (METER TO BE SALVAGED). (ALL WORK TO BE PERFORMED BY CITY FORCES).	2	EA
10	"ADJUST EXISTING TRAFFIC SIGNAL PULL BOX AND 1" CONDUIT TO GRADE. REPLACE EXISTING COVER WITH STEEL LOAD BEARING COVER TO CONFORM TO SECTION 86 OF STANDARD PLANS AND SPECIFICATIONS BY THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION."	1	EA
11	ADJUST EXISTING SEWER MANHOLE TO MATCH NEW GRADE.	1	EA
12	RELOCATE EXISTING PALM TREE AS SHOWN.	1	EA
13	INSTALL TREE WELL PER CITY OF RIVERSIDE PARK AND RECREATION DEPARTMENT STANDARDS.	3	EA
14	REMOVE EXISTING "NO PARKING" SIGN PER CITY STD. 666.	1	EA
15	CONSTRUCT 4" SEWER LATERAL PER STD. DRAWING NO. 562 EXACT LOCATION TO BE DETERMINED IN FIELD BY CONTRACTOR TO CONFORM WITH PLUMBING PLANS.	1	EA
16	CONSTRUCT 1" WATER SERVICE LINE AND WATER METER. EXACT LOCATION TO BE DETERMINED IN FILED BY CONTRACTOR TO CONFORM WITH PLUMBING PLAN.	1	EA
17	INSTALL R26 (NO PARKING ANYTIME) AND R81 (BIKE LANE) TYP. 3 PLACES.	3	EA
18	PAINT 6" SOLID WHITE BIKE LANE STRIPE.	190	LF
19	REMOVE EXISTING PEPPER TREE.	1	EA
20	CONSTRUCT 16' X 23' MODIFIED D/W AS SHOWN.	2	EA
21	REMOVE AND RELOCATE EXISTING WATER METER (EXACT LOCATION TO BE DETERMINED AND ALL WORK TO BE PERFORMED BY CITY FORCES).	1	EA
22	PLANT STREET TREES PER CITY OF RIVERSIDE PARK AND RECREATION DEPARTMENT STANDARDS MAGNOLIA GRANDIFLORAL/MAJESTIC BEAUTY.	2	EA



SECTION A-A
FROM 2+19.92 TO 3+24.92
(NOT TO SCALE)

T.I. = 8

INDEXED 10-23-87

REGISTERED PROFESSIONAL ENGINEER JAMES L. RUSSELL No. 32140 Exp. 12-31-88 CIVIL STATE OF CALIFORNIA

* As built 2-16-88 TE

SOUTHERN CALIFORNIA GAS COMPANY	PACIFIC TELEPHONE	CITY OF RIVERSIDE PUBLIC UTILITIES DEPT. ELECTRIC DIVISION	CITY OF RIVERSIDE PUBLIC UTILITIES DEPT. WATER SYSTEM
APPROVED BY: R.R. Baughman 9-29-87 DATE	APPROVED BY: B.A. Wagoner 9/29/87 DATE	APPROVED BY: Michael J. Toulis 9/23/87 DATE	APPROVED BY: Carl Weingartner 10/13/87 DATE

RESEARCH ENTERPRISES
1621 E. 17th STREET, STE. A-2, SANTA ANA, CA 92701
(714) 558-1880
PREPARED UNDER THE SUPERVISION OF:
James L. Russell 3-12-87
JAMES L. RUSSELL R.C.E. 32140 DATE

MARK	REVISIONS	APPR.	DATE

DESIGNED BY J.L.R. DRAWN BY C.L.N. CHECKED BY J.L.R.

APPROVED BY	DATE	BY
PRINCIPAL ENGINEER		
PARK DEPARTMENT	9-29-87	RRB
TRAFFIC DIVISION	10-15-87	BAW
CHIEF P. W. ENGINEER	10/15/87	MJT

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

APPROVED BY Barry Bol
PUBLIC WORKS DIRECTOR
DATE 10/19/87

STREET PLAN & PROFILE

MAGNOLIA AVENUE
(SOUTH SIDE, BETWEEN ROSS ST. & HARRISON ST.)
BUILDING PERMIT: 9970 MAGNOLIA AVE.

HORIZ. SCALE: 1" = 10' VERT. SCALE: 1" = 1'

ACCOUNT NO. R# 2026

SHEET 1 OF 1

J.N. 1216-102

PC 2083