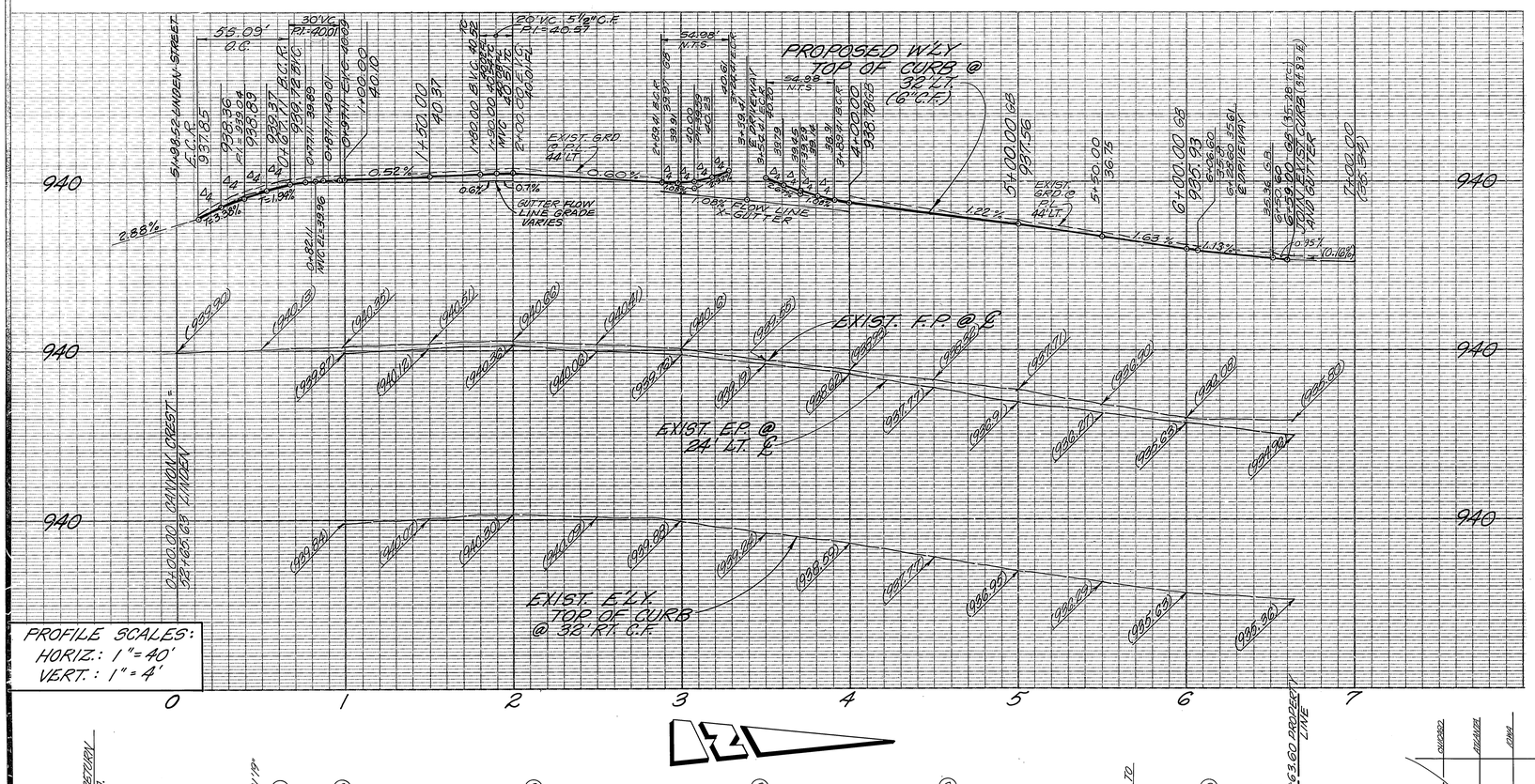
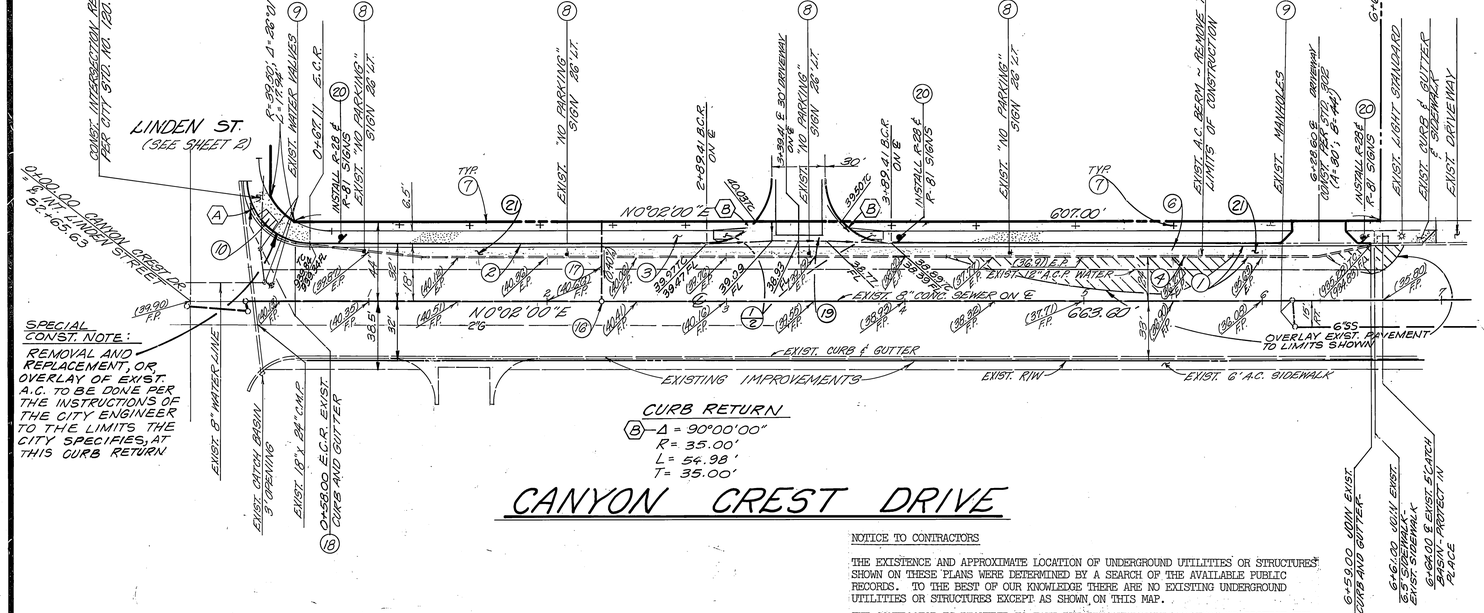




CURB RETURN
(B) Δ = 90°00'00"
R = 35.00'
L = 54.98'
T = 35.00'

CANYON CREST DRIVE

NOTICE TO CONTRACTORS

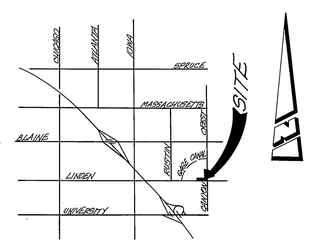
THE EXISTENCE AND APPROXIMATE LOCATION OF UNDERGROUND UTILITIES OR STRUCTURES SHOWN ON THESE PLANS WERE DETERMINED BY A SEARCH OF THE AVAILABLE PUBLIC RECORDS. TO THE BEST OF OUR KNOWLEDGE THERE ARE NO EXISTING UNDERGROUND UTILITIES OR STRUCTURES EXCEPT AS SHOWN ON THIS MAP.

THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITIES OR STRUCTURES SHOWN AND ANY OTHER UTILITIES OR STRUCTURES AT THE SITE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE OWNERS OF THE UTILITIES OR STRUCTURES CONCERNED BEFORE STARTING WORK.

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, and the Standard Specifications for Public Works Construction, 1982 Edition.
3. 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.
4. Curb and gutter shall be staked with 3' offsets at 25' intervals.
5. Location of laterals to be As Shown. Avoid conflict with proposed and/or existing facilities.
6. ~~Contractor is to verify existing sewer elevation prior to construction.~~
7. No finished floor elevation shall be less than 4' above the sewer flow line at point of connection without having a proper backwater valve installed in the lateral.
8. All traffic signs shall be installed prior to opening the streets to traffic.
9. 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.
10. Final striping for traffic control and/or pavement marking to be the responsibility of the developer.
11. All flagged elevations shall be staked in the field by the private engineer.
12. The contractor shall adjust manholes to final grade after paving is completed.
13. A plug shall be installed and will remain in place where the new sewer connects with the existing sewer until the new sewer is accepted by the City.
14. 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 determing an acceptable solution and revising the plans for approval by the City.
15. 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 issued by the Public Works Department involving excavation for underground facilities will be valid unless the applicant has been provided an inquiry identification number by U.S.A.
16. The private engineer preparing these plans shall be responsible for preserving or re-establishing and referencing survey monuments destroyed, disturbed or buried as a result of construction shown hereon.
17. On all areas within public right of way where the fill is one (1) foot or greater, a letter will be required from the soils engineer, certifying the compaction of the fill below subgrade, prior to issuance of the Construction Permit/Cut Sheets.
18. For mailboxes for business, mobile home parks or apartment houses, developer to check with the U.S.P.S. for the number and location of mailboxes.
19. See City of Riverside Public Utilities Department Drawing for proposed Street lighting on Canyon Crest Drive.
20. 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 (787-7911)

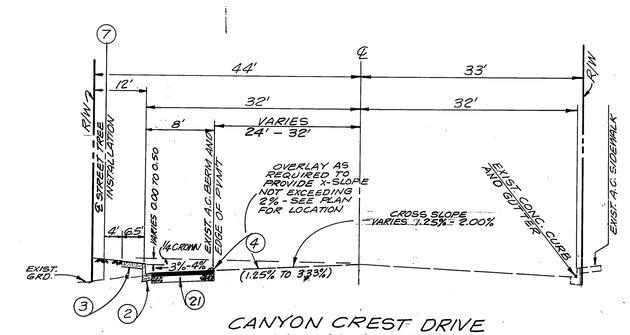
FOR PARKS DEPT. NOTES SEE SHEET 3 OF 3



LOCATION MAP
NO SCALE

CONSTRUCTION NOTES

(10) EXIST. PRECAST CONCRETE SEWER MANHOLE PER CITY OF RIVERSIDE STD. DWG. NO. 500.
(1) CONST. 4" A.C. OVER 4" C.A.B. PER PLAN R-2373
(2) CONST. TYPE I CURB & GUTTER (6" C.F.) PER CITY OF RIVERSIDE STD. DWG. NO. 200.
(3) CONST. CURB SIDEWALK PER CITY OF RIVERSIDE STD. DWG. NO. 325.
(4) SAWCUT AND JOIN TO SATISFACTION OF CITY ENGINEER.
(6) INSTALL CLASS 2 BIKEWAY PER CITY OF RIVERSIDE PUBLIC WORKS SPECIFICATIONS. MATCH EXIST. STRIPING
(7) INSTALL STREET TREES PER CITY OF RIVERSIDE PARK AND RECREATION DEPT. REQUIREMENTS.
(8) REMOVE EXIST. TRAFFIC SIGN
(9) PROTECT IN PLACE
(10) CONST. WHEELCHAIR RAMP PER CITY OF RIVERSIDE STD. DWG. NO. 304.
(17) EXIST. 8" V.C.P. SEWER LATERAL (PRIVATE)
(18) REMOVE EXIST. CURB AND GUTTER
(20) INSTALL R-28 SIGN "NO PARKING ETC" AND R-81 SIGN "BIKE WAY" ON STEEL POST. TURN 45° TO TRAFFIC.
(21) CONST. 2½" A.C. OVER 9½" C.A.B. PER S.R. #1202 "R" = 43



CANYON CREST DRIVE
TYPICAL SECTION
NO SCALE
T.I. = 7

CURB RETURN
(A) Δ = 90° 11'00"
R = 35.00'
L = 55.09'
T = 35.11'

CITY OF RIVERSIDE WATER DEPARTMENT	PACIFIC BELL	CITY OF RIVERSIDE ELECTRICAL DEPT.
APPROVED DATE 11-6-84	APPROVED DATE 10-15-84	APPROVED DATE 10/15/84

BENCHMARK:
FD. BRASS DISC STAMPED (T.A.) CAPPED AT THE INTERSECTION OF ℄ THIRD ST. AND ℄ CHICAGO AVE.

ELEV: 941.005

PREPARED BY:
ANACAL ENGINEERING CO.
1200 E. LA PALMA, SUITE 202
P.O. BOX 3606
ANAHEIM, CA 92803-3606
(714) 774-1763
R.C.E. 23647 — 7/6/84 DATE

MARK	REVISIONS	APPR.	DATE

DESIGNED BY K.H. DRAWN BY K.H. CHECKED BY J.O.W.

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

	BY	DATE
APPROVED BY		
PRINCIPAL ENGINEER		11/15/84
PARK DEPARTMENT		10-15-84
TRAFFIC DIVISION		11/13/84
CHIEF PUB. WKS. ENGR.		11/15/84

APPROVED BY DIRECTOR OF PUBLIC WORKS
DATE 11/15/84

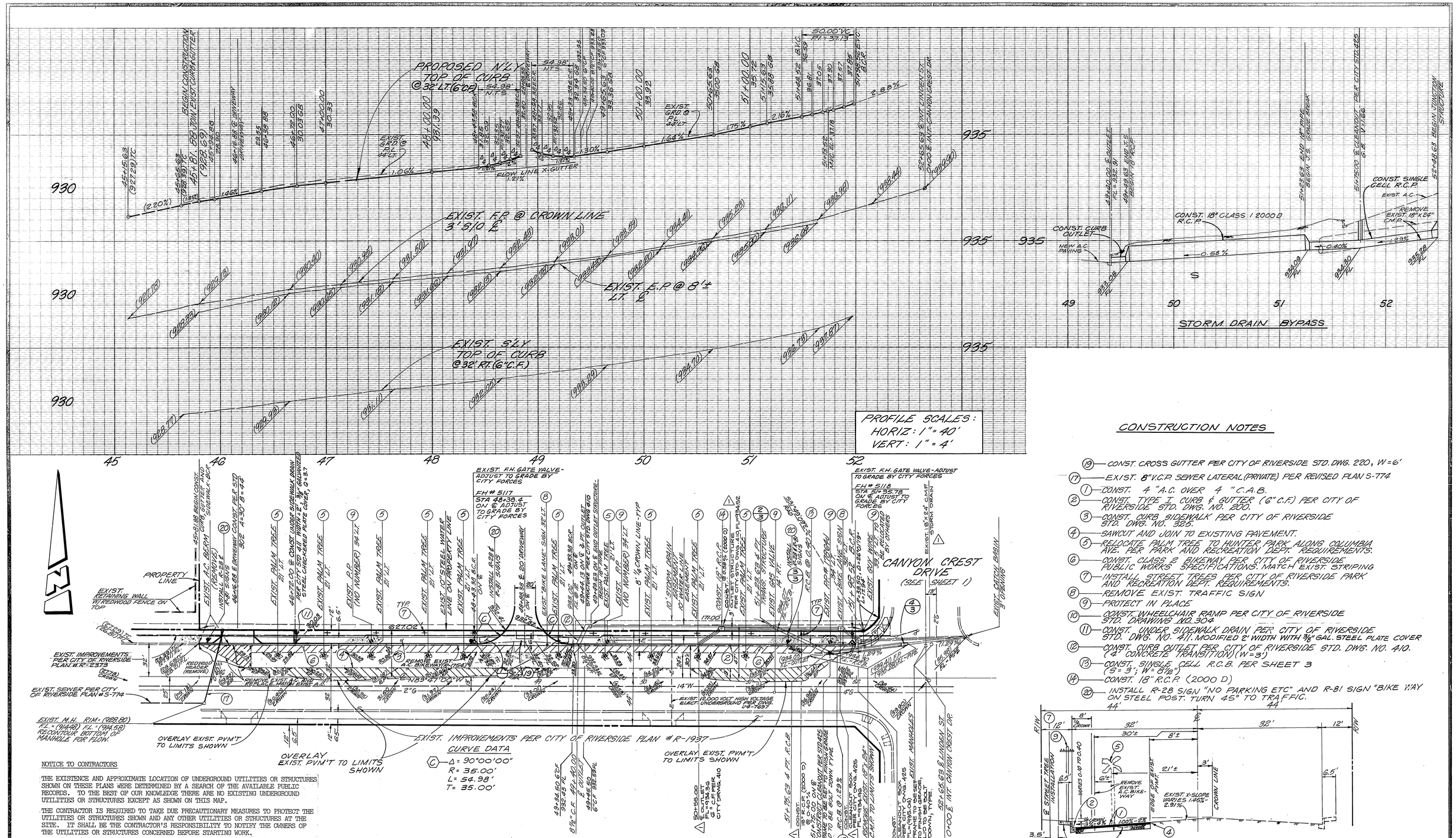
CANYON CREST DRIVE
PRD-2-823
FROM LINDEN STREET TO 663'± NORTHERLY THEREOF.

SCALE: HORIZ: 1" = 40'; VERT: 1" = 4'

ACCOUNT No.
DRAWING NUMBER R-2640
SHEET 1 OF 3

* As built 9-20-85 TL

INDEX NO.



NOTICE TO CONTRACTORS

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LINDEN STREET

CONSTRUCTION NOTES

(19) — CONST. CROSS GUTTER PER CITY OF RIVERSIDE STD. DWG. 220, W = 6'

(17) — EXIST. 8" V.C.P. SEWER LATERAL (PRIVATE) PER REVISED PLAN S-774

(1) — CONST. 4" A.C. OVER 4" C.A.B.

(2) — CONST. TYPE I CURB & GUTTER (6" C.F.) PER CITY OF RIVERSIDE STD. DWG. NO. 200.

(3) — CONST. CURB SIDEWALK PER CITY OF RIVERSIDE STD. DWG. NO. 325.

(4) — SAWCUT AND JOIN TO EXISTING PAVEMENT.

(5) — RELOCATE PALM TREE TO HUNTER PARK ALONG COLUMBIA AVE. PER PARK AND RECREATION DEPT. REQUIREMENTS.

(6) — CONST. CLASS 2 BIKEWAY PER CITY OF RIVERSIDE PUBLIC WORKS SPECIFICATIONS. MATCH EXIST. STRIPING

(7) — INSTALL STREET TREES PER CITY OF RIVERSIDE PARK AND RECREATION DEPT. REQUIREMENTS.

(8) — REMOVE EXIST. TRAFFIC SIGN

(9) — PROTECT IN PLACE

(10) — CONST. WHEELCHAIR RAMP PER CITY OF RIVERSIDE STD. DRAWING NO. 304

(11) — CONST. UNDER SIDEWALK DRAIN PER CITY OF RIVERSIDE STD. DWG. NO. 411, MODIFIED 2' WIDTH WITH 3/8" GAL. STEEL PLATE COVER

(12) — CONST. CURB OUTLET PER CITY OF RIVERSIDE STD. DWG. NO. 410. (4' CONCRETE TRANSITION) (W = 3')

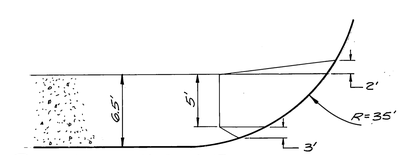
(13) — CONST. SINGLE CELL R.C.B. PER SHEET 3 (S = 3'; W = 8'/8")

(14) — CONST. 18" R.C.P. (2000 D)

(20) — INSTALL R-28 SIGN "NO PARKING ETC" AND R-81 SIGN "BIKE WAY ON STEEL POST. TURN 45° TO TRAFFIC.

LINDEN STREET
TYPICAL SECTION
NO SCALE
T.I. = 7

* As built 9-20-85 TL



(1) WHEEL CHAIR RAMP - MODIFIED
NO SCALE

PACIFIC BELL	CITY OF RIVERSIDE ELECTRICAL DEPT.
APPROVED 10-15-84 DATE	APPROVED 10/15/84 DATE

BENCHMARK:
FD. BRASS DISC STAMPED "CITY" CAPPED AT THE INTERSECTION OF E THIRD ST. AND E CHICAGO AVE.

ELEV: 941.005

CITY OF RIVERSIDE WATER DEPARTMENT
APPROVED 11-5-84 DATE

PREPARED BY:
ANACAL ENGINEERING CO.
1300 E. LA PALMA, SUITE 202
P.O. BOX 3668
ANAHEIM, CA. 92803-3668
(714) 774-1763
7/6/84
R.C.E. 23647 DATE

MARK	REVISIONS	APPR.	DATE

DESIGNED BY K.H. DRAWN BY K.H. CHECKED BY J.O.

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER		11/5/84
PARK DEPARTMENT		10-15-84
TRAFFIC DIVISION		11-13-84
CHIEF PUB. WKS. ENGR.		

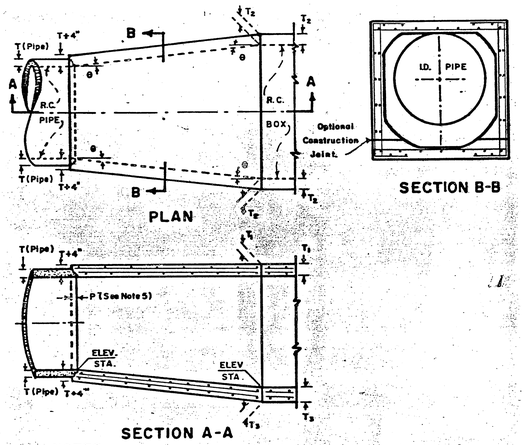
APPROVED BY
DIRECTOR OF PUBLIC WORKS
DATE 11/5/84

LINDEN STREET
PRD-2-823
FROM 684± WESTERLY OF CANYON CREST TO CANYON CREST

SCALE: HORIZ: 1" = 40'; VERT: 1" = 4'

ACCOUNT No.
DRAWING NUMBER R-2640
SHEET 2 OF 3

PC-1502



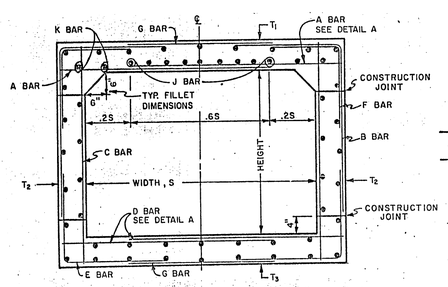
NOTES

1. The horizontal angle of divergence or convergence, θ, shall not exceed 5° 45'.
2. Reinforcing steel bar sizes, spacing, pattern and cover over the steel shall be that of the box section. The bar lengths shall vary uniformly throughout the transition.
3. The concrete thickness shall be that of the box section unless the wall thickness of the pipe plus 4 inches is greater, in which case the concrete thickness shall vary uniformly from that of the box section to that of the pipe wall plus 4 inches.
4. The interior surface shall be smooth and vary uniformly between the two adjoining sections.
5. At pipe juncture, embedment P shall be 5 inches for pipe sizes of 96 inches or less and 8 inches for pipe over 96 inches.
6. Construction joints of the same dimensions as those of the box may be carried through the transition structure at contractor's option. See Sec. B-B above.
7. The transition structure shall be constructed in accordance with the general structural notes applying to box as shown on the project drawings.
8. Structural concrete shall be Class "A".

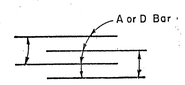
(2) TRANSITION STRUCTURE
NO SCALE

NOTES

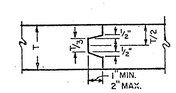
1. Structural concrete shall be Class "A".
2. All longitudinal bars shall be #4 @ 18 inches unless otherwise noted. Place bars in top and bottom slabs symmetrically about centerline. Place bars in walls symmetrically about mid-height of walls.
3. Clear cover for steel shall be 1½ inches for top slab and side walls and 2 inches for each face of bottom slab.
4. Steel is dimensioned to back of bar bend.
5. For construction on curves, straight transverse bars in top and bottom slabs shall be aligned radially with spacing measured at centerline. For straight bars and L-bars in walls, spacing shall be measured between the vertical legs of bars.
6. All transverse construction joints shall be in a vertical plane normal to the centerline and the spacing thereof shall not exceed 50 feet or be less than 10 feet. Continuous keyways shall be constructed as shown in Detail B. A complete curtain of transverse steel shall be placed 3 inches from each face of the joints and longitudinal steel will not be continuous through the joints. In addition, expansion joints shall be constructed between reinforced concrete channel and reinforced concrete box sections as shown in Detail C. Dowels shall be placed at 12" spacing centered in the middle third of the bottom slab and the top third of side walls. A minimum of 3 dowels per slab and walls shall be placed.
7. The walls and top slab may be poured monolithic, but after the walls have been poured, a delay of not less than 2 hours shall be made before pouring the top slab.
8. All quantities shown are approximate.
9. All splices are subject to approval by the Engineer.



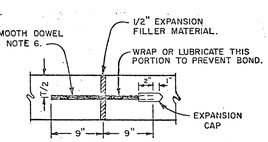
(3) SINGLE CELL REINFORCED CONCRETE BOX
NO SCALE



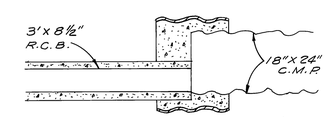
DETAIL A
(PLAN VIEW)



TRANSVERSE CONSTRUCTION JOINT
DETAIL B



TRANSVERSE EXPANSION JOINT
DETAIL C



(4) CORRUGATED METAL BAND CONNECTOR
NO SCALE

GENERAL NOTES - PARKS DEPARTMENT

1. All related work shall conform to the City of Riverside, Park and Recreation Department Standards.
2. Contact the Park Projects Inspector a minimum of 48 hours in advance at 787-7223 to schedule inspections. 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, and 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).
3. The Contractor/Developer shall maintain all plantings for a minimum period of one (1) year.
4. Street Tree planting shall be as follows:

	Street Name	Botanical Name/Common Name	Min. Size	Approx. Spacing	No. Req.
a.	Canyon Crest	Fraxinus Velutina/Modesto Ash	15 Gal.	40 - 55'	10
b.	Linden Street	Cupania Anacardiodes/Carrot Wood	15 Gal.	50'	9
c.					
d.	Linden Street	Relocate Robusta Palms to Hunter Park, along Columbia Ave.			10

5. A Public Works Department permit is 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.

* As built 9.20.85 TE

WPRS UP

PREPARED BY:
ANACAL ENGINEERING CO.
1900 E. LA PALMA, SUITE 202
P.O. BOX 3668
ANAHEIM, CA. 92803-3668
(714) 774-1763
R.C.E. 23647 — DATE 9/19/84

MARK	REVISIONS	APPR.	DATE

DESIGNED BY K.H. DRAWN BY K.H. CHECKED BY T.O.B.

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER		11/15/84
PARK DEPARTMENT		10-15-84
TRAFFIC DIVISION		11/13/84
CHIEF PUB. WKS. ENGR.	—	—
		11/15/84

APPROVED BY — DIRECTOR OF PUBLIC WORKS
DATE 11/15/84

CANYON CREST DRIVE AND LINDEN STREET
PRD-2-823
DETAIL SHEET

SCALE: NONE

ACCOUNT No.
DRAWING NUMBER R-2640
SHEET 3 OF 3

2659.01