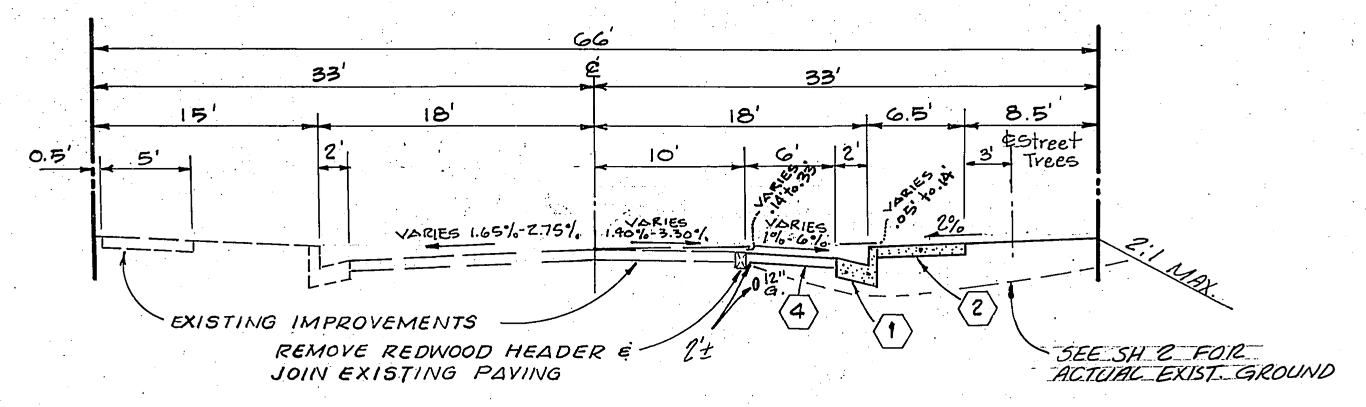
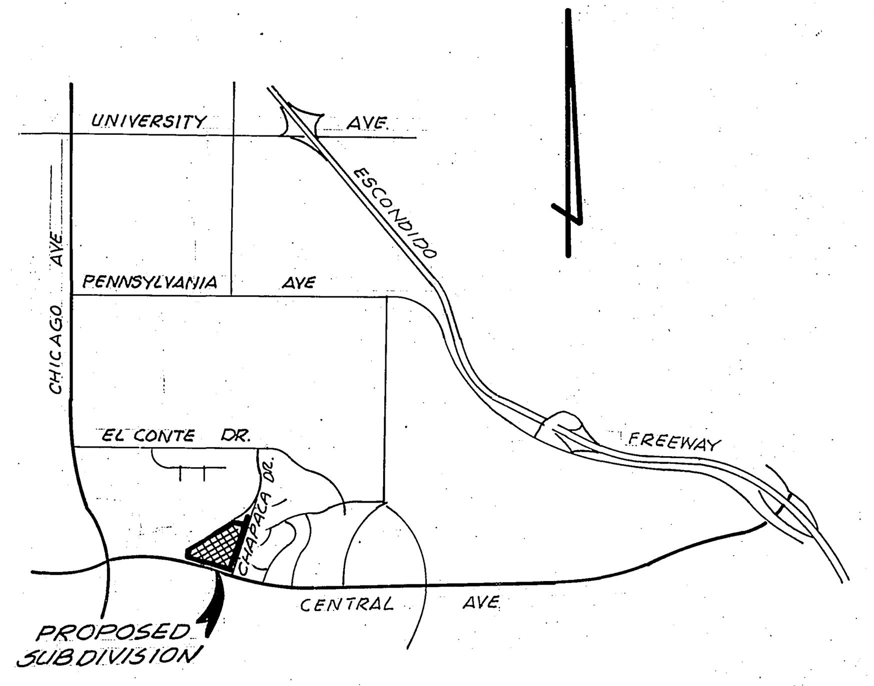


TYPICAL SECTION

NO SCALE

CHAPALA DR.

T.I. = 5



VICINITY MAP

NO SCALE

CONSTRUCTION NOTES:

(1) Construct P.C.C. curb & gutter per Riverside City Std. Dwg. 200 (6" c.f.).

(2) Construct 6.5' P.C.C. curb sidewalk per Riverside City Std Dwg 325.

△1 (3) Construct 3" A.C. paving over 7 "of crushed aggregate or 7 " A.C. over compacted native material.

△2 (4) Construct 3" A.C. paving over 7 "of crushed aggregate or 7 " A.C. over compacted native material.

(6) Construct barricade per Riverside City Std. Dwg. 180, with Type "N" (red) marker.

(7) Existing irrigation lines to be removed as directed by developer in field and as approved by the City of Riverside Public Works Dept. and the Gage Canal Co.

(8) Construct wheel chair ramp per Riverside City Std Dwg. 304.

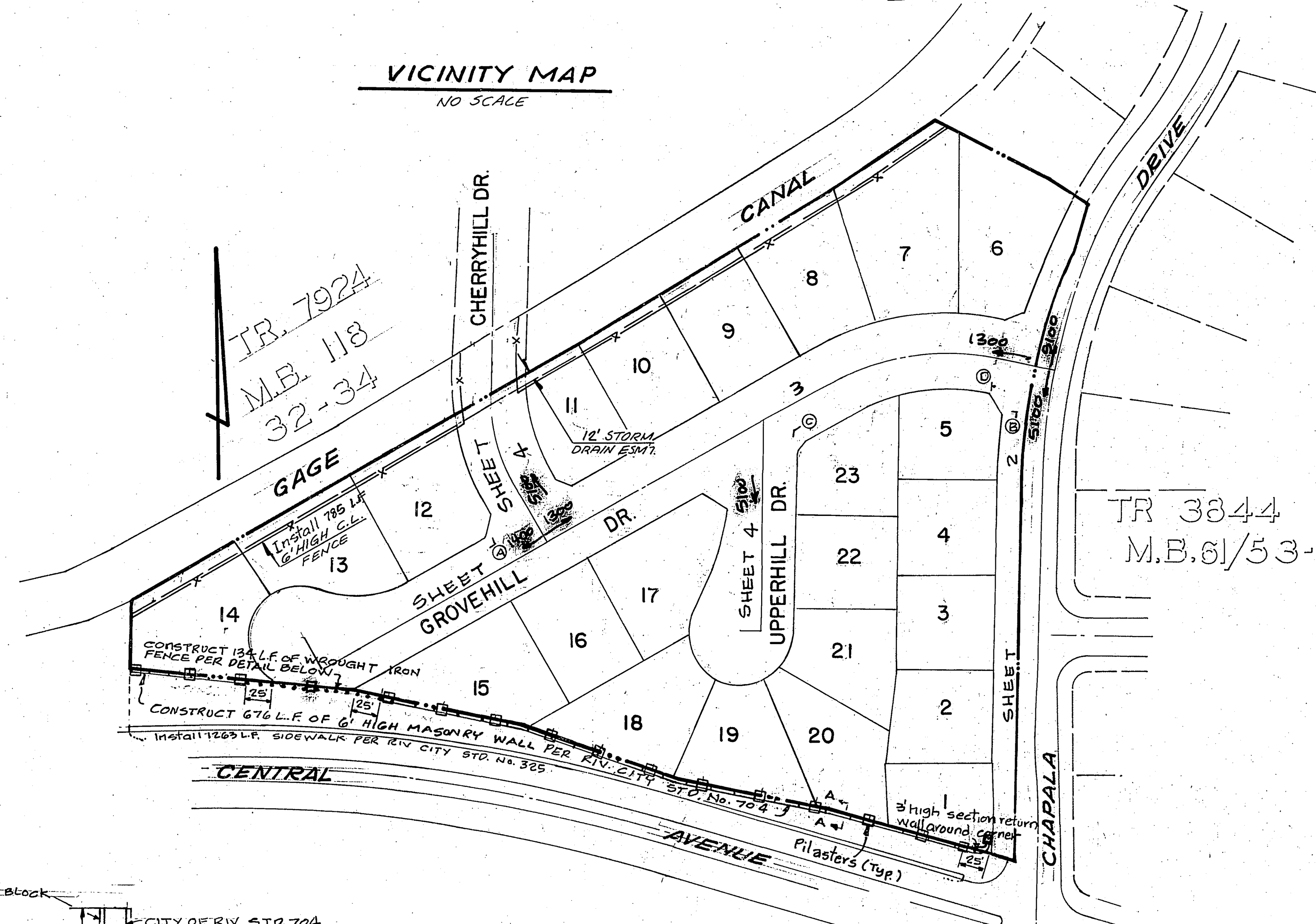
(9) Construct 2"x4" Redwood Header Board

(10) Construct Catch Basin Per Riverside City Std. Dwg. No. 406

(5) Plant Street Trees per City of Riverside Parks & Recreation Dept. Stds.

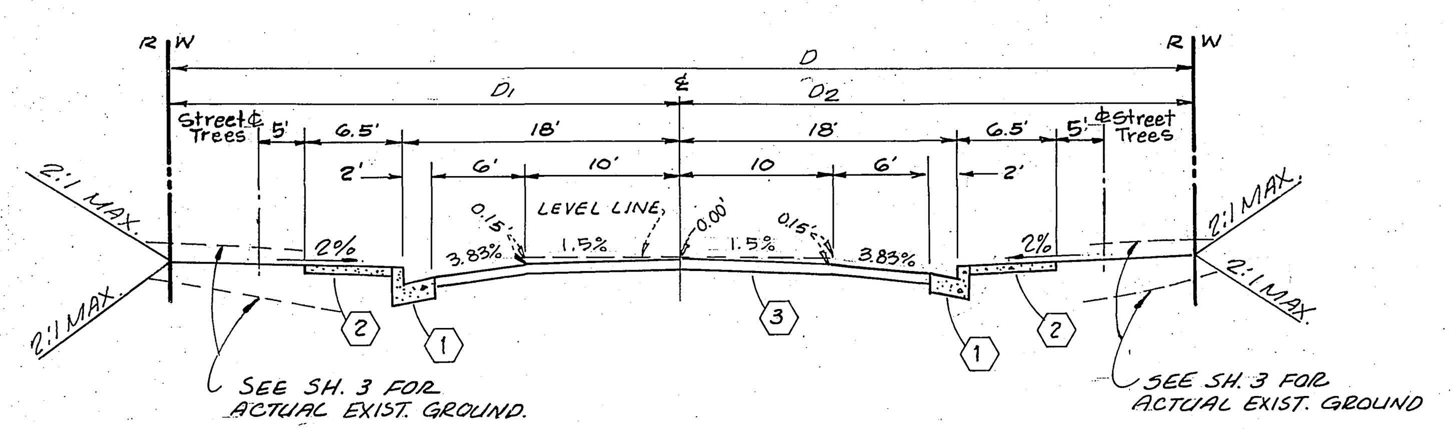
GENERAL NOTES:

1. 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.
2. All flagged elevations shall be staked in the field by the private engineer.
3. The subdivider shall arrange for a soils test to be made by a soils engineer after the streets have been prepared to rough grade. Depth of base material, or cement treated soil, and A.C. paving shall be determined by the City of Riverside design standards and test procedures.
4. 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.
5. Driveway approaches shall be constructed per Std. Dwg. 302. Exact size and location to be determined at time of construction as approved by the Traffic Engineer.
6. ~~Curb and Gutter shall be Staked at 26' intervals and 3' offsets~~
7. In residential areas 6"x6" or 6" diameter blockouts for mailboxes are required in curb sidewalk 10" to 14" from curb face at the property line between adjacent residences.
8. All traffic signs shall be installed prior to opening the streets to traffic.
9. See "Street Lighting Plans" for quantity and location of required street lights.
10. 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.
11. Southern California Gas Co. shall be contacted 24 hours prior to any grading near 12" High Pressure Gas Main at 682-1660. No excavation will be allowed within 3 ft. of Gas Main.
12. The private engineer preparing these plans shall be responsible for preserving or re-establishing and refrencing survey monuments destroyed, disturbed or buried as a result of construction shown hereon.
13. 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.
14. 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 Dept. involving excavation for underground facilities will be valid unless the applicant has been provided an inquiry-identification number by U.S.A.



INDEX MAP

SCALE 1" = 100'



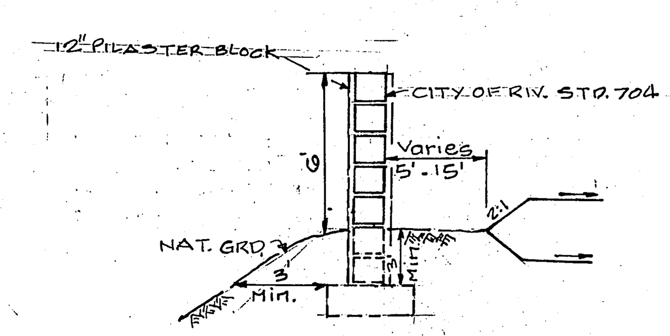
TYPICAL SECTION

NO SCALE

CHERRYHILL DR. & GROVEHILL DR. & UPPERHILL DR.

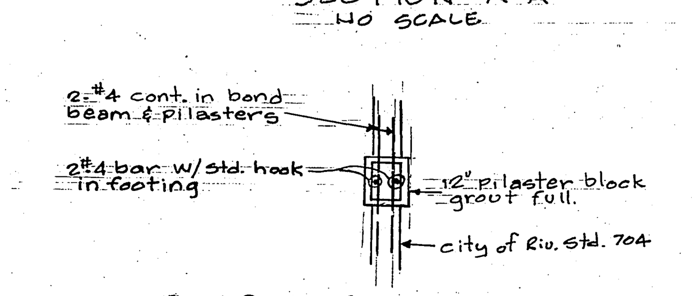
T.I. = 5

STA. TO STA.	D	D1	D2	STREET NAME
16+79.35 - 12+93.42	66	33	33	GROVEHILL DR.
12+93.42 - 11+35	63	33	30	GROVEHILL DR.
11+35 - 10+85	60	30	30	GROVEHILL DR.
	60	30	30	UPPERHILL DR.
	66	33	33	CHERRYHILL DR.



SECTION A-A

NO SCALE

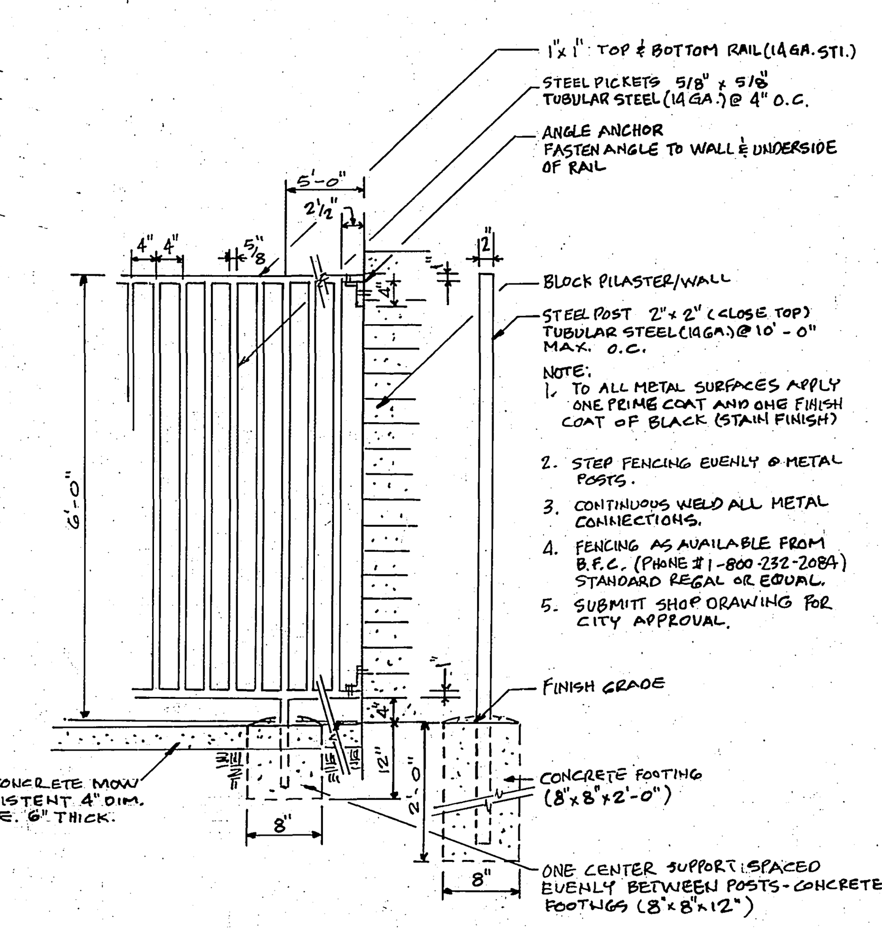


PILASTER SECTION

NO SCALE

TRAFFIC & STREET NAME SIGN SCHEDULE		
SYMBOL	DESIGNATION	BLOCK №
(A)	CHERRYHILL DR.	5100
	GROVEHILL DR.	1400
(B)	GROVEHILL DR.	1300
	CHAPALA DR.	5100
(C)	UPPERHILL DR.	5100
	GROVE HILL DR.	1300
(D)	R-1 STOP SIGN 30" OCTAGON	

INSTALL PER STD. DWG. No. 662-A



WROUGHT IRON FENCE DETAIL

PARK & RECREATION DEPT. NOTES:

1. All related work shall conform to the City of Riverside Park & Recreation Dept. Stds.
2. Contact the Park Projects Inspector a min. 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 the end of maintenance/final acceptance (contrator or developer will be released from maintenance only upon receipt of written notification from the city that the Park & Recreation Dept. 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. Cherryhill Drive	Magnolia Grandifolia/Magnolia	15 Gal.	50' ±	2
b. Grovehill Drive	" "	"	"	23
c. Chapala Drive	Lagerstoremia Indica/Crape Myrtle	"	"	8
d. Upperhill Drive	" "	"	"	7

5. See Reverse Frontage Plan No. A-1113 for landscape and Irrigation of frontage on Central Ave. Prepared by Frank W. Bushell.

PLANNING DEPARTMENT NOTES:

THIS WALL REQUIRES A PERMIT AND INSPECTION FROM THE PUBLIC WORKS ENGINEERING DIVISION.

Construct block wall per Riv. City Std. 704 (See Plan for heights)

1. Type/Color of Block; 6' high sections of wall: One sided grey split face block with black aggregate; split face side facing Central Ave. 3' high sections of wall: Two sided grey split face block with black aggregate.
2. Size: 8"x8"x16"
3. Mortar color: Natural grey.
4. Type/color cap: 8"x8"x16" Grey Vertical end split block (Orco SF 301 or equivalent.) One course only.
5. Place grey split face block pilasters with grey vertical end split caps every 40'± beginning and ending at wall ends.
6. Install black wrought iron section of fence as noted on Plan and Detail at left.

T.B.M. Chisled box on top of exist. curb El. 1027.91, 45' East of Sec. line (Sta. 15+08.15)

BENCH MARK

City of Riverside B.M. H8-C PK nail & tag in base of light Standard. S'Wly return of Canyon Crest and Central Ave.
EL. 1103.45 (FB. 847/20)

THIS PROJECT ONLY (Current datum indicates 1103.51)

APPROVED: SOUTHERN CALIF. GAS CO. — [signature] 3-3-84 8/26/82 DATE

APPROVED: GAGE CANAL CO. — John M. Hocking 5-15-1984 DATE

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 as a result of errors or omissions, the private engineer shall be responsible for determining an acceptable solution and revising the plans for approval by the city.

NESTE, BRUDIN & STONE INCORPORATED CIVIL ENGINEERS
SAN BERNARDINO HEMET ESCONDIDO

APPROVED BY: Jerry M. Dunlap — REGISTERED CIVIL ENGINEER NO. 15698
DATE: 1-22-81

MARK	REVISIONS	APPR.	DATE
△2	Added paving section per S.R. 1212 Addendum; R=20	WLK	3/18/85
△1	Added paving section per S.R. 1212; R=20	WLK	3/11/85

DESIGNED BY GEC DRAWN BY JB CHECKED BY [initials] WLK

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER	—	—
PARK DEPARTMENT	[initials]	4-11-84
TRAFFIC DIVISION	[initials]	7-17-84
CHIEF P. W. ENGR.	[initials]	7-20
PLANNING	[initials]	7-13-84

APPROVED BY [signature] DIRECTOR OF PUBLIC WORKS
DATE 7/20/84

STREET PLAN AND PROFILE

TRACT № 10249

INDEX MAP

HORIZ. SCALE: 1" = NOTED VERT. SCALE: 1" = —

PROJECT NO. R-2464

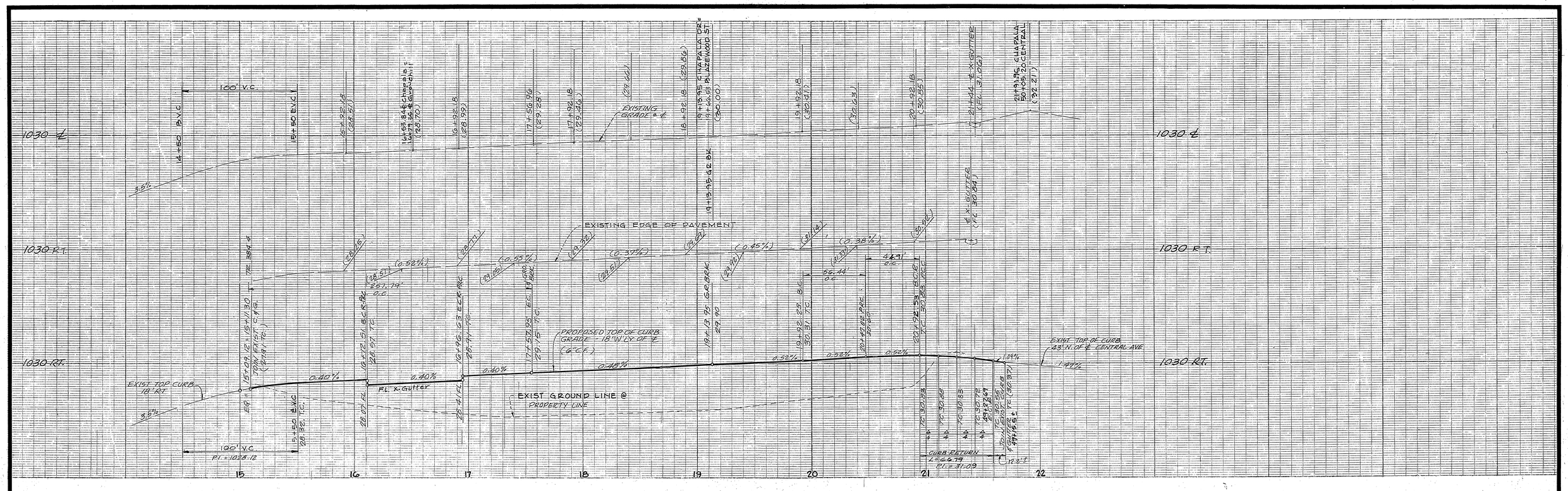
SHEET 1 OF 4

FILE NO. P4-458

* AS BUILT 12-16-86 BLD

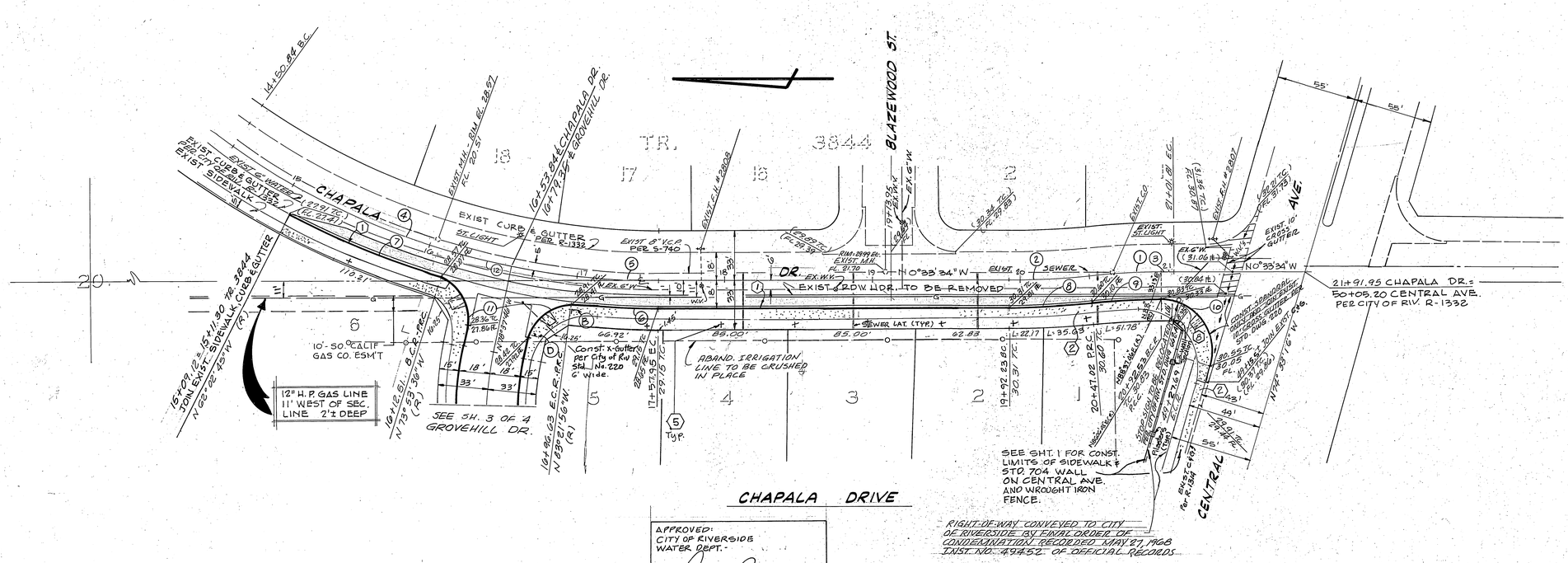
INDEX WF

P4-10670



CURVE DATA

	Δ	R	T	L
1	5° 13' 56"	600.00'	27.41'	54.79'
2	5° 13' 56"	600.00'	27.41'	54.79'
3	0° 53' 10"	600.00'	4.64'	9.28'
4	35° 11' 34"	500.00'	158.57'	307.11'
5	11° 55' 48"	500.00'	52.24'	104.11'
6	7° 11' 38"	518.00'	32.56'	65.04
7	11° 50' 51"	518.00'	53.75'	107.11'
8	5° 13' 56"	618.00'	28.24'	56.44'
9	4° 25' 16"	582.00'	22.47'	44.91
10	109° 20' 03"	35.00'	49.37'	66.79'
11	85° 15' 50"	27.00'	24.86'	40.18'
12	16° 35' 01"	500.00'	72.87'	144.72'



CHAPALA DRIVE

RIGHT-OF-WAY CONVEYED TO CITY OF RIVERSIDE BY FINAL ORDER OF CONDEMNATION RECORDED MAY 27, 1968 INST. NO. 49452 OF OFFICIAL RECORDS

* AS BUILT 12-14-86 BLD

APPROVED: CITY OF RIVERSIDE WATER DEPT. 6-28-84 DATE

APPROVED: SOUTHERN CALIF. GAS CO. 8/26/82 DATE 3-3-84

BENCH MARK
City of Riverside B.M. H8-C P.K. nail & tag in base of light standard. S.W'ly return of Canyon Crest / Central Ave.
EL. 1103.45 (F.B. 847/20) C. THIS PROJECT ONLY (CURRENT DATUM INDICATES 1103.51)

T.B.M.
Chisled Box top of exist. curb 45' East of Sec. line - Sta. 15+08.15
EL. 1027.91

NESTE, BRUDIN & STONE INCORPORATED CIVIL ENGINEERS SAN BERNARDINO HEMET ESCONDIDO

APPROVED BY: REGISTERED CIVIL ENGINEER NO. 15698
DATE: 3/21/78

MARK	REVISIONS	APPR.	DATE

DESIGNED BY GEC DRAWN BY GEC CHECKED BY

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER		
PARK DEPARTMENT		4-11-84
TRAFFIC DIVISION		7-17-84
CHIEF P. W. ENGR.		7-20
PLANNING		7-13-84

APPROVED BY: DIRECTOR OF PUBLIC WORKS
DATE 7/20/84

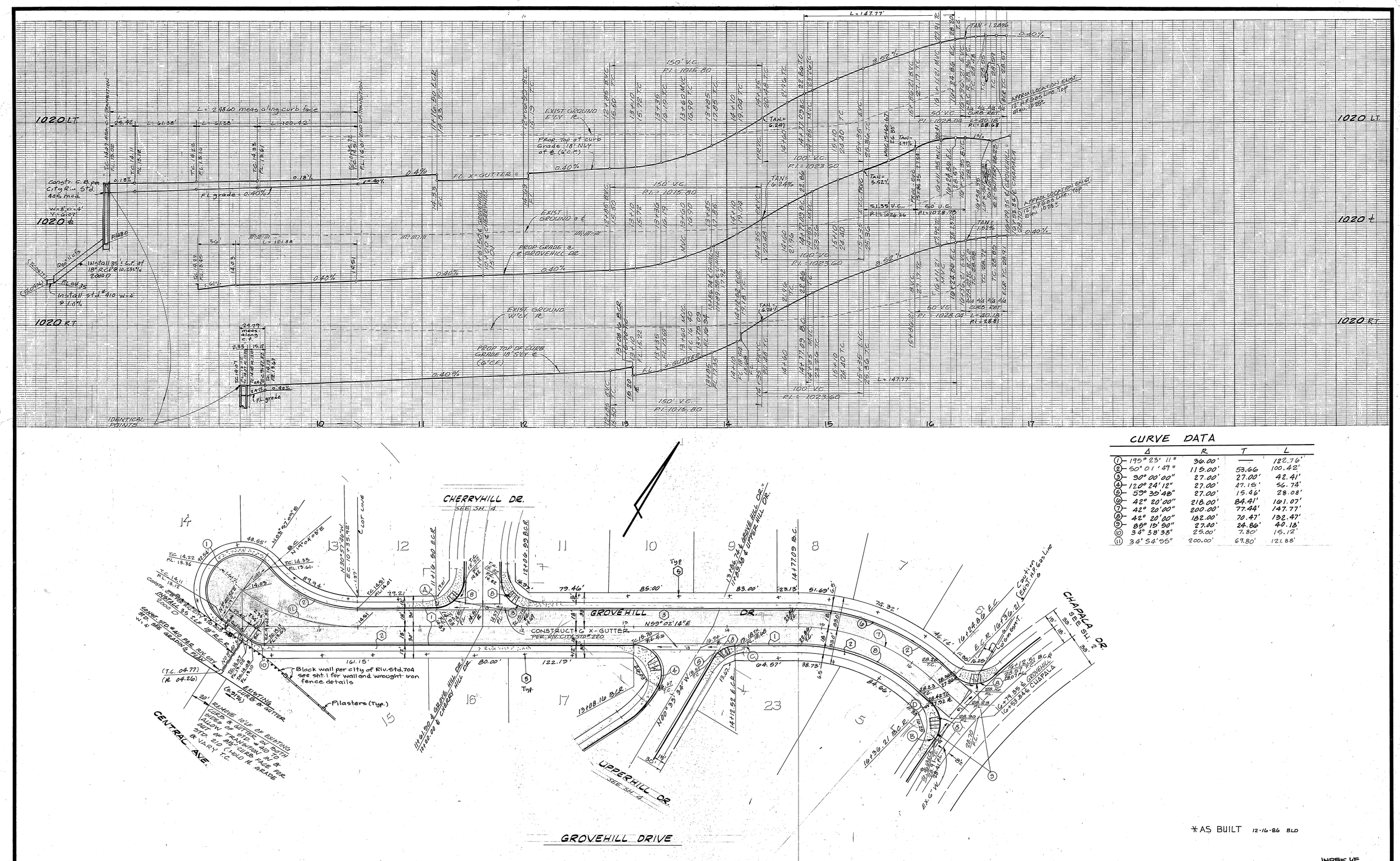
STREET PLAN AND PROFILE
TRACT Nº 10249
CHAPALA DR.

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

PROJECT NO. R-2464
SHEET 2 OF 4
FILE NO. P4-458

INDEX WF

P4-10670



CURVE DATA

	Δ	R	T	L
1	195° 23' 11"	36.00'	—	122.76'
2	50° 01' 49"	115.00'	53.66	100.42'
3	90° 00' 00"	27.00'	27.00'	42.41'
4	120° 24' 12"	27.00'	47.15'	56.74'
5	59° 35' 48"	27.00'	15.46'	28.08'
6	42° 20' 00"	218.00'	84.41'	161.07'
7	42° 20' 00"	200.00'	77.44'	147.77'
8	42° 20' 00"	182.00'	70.47'	132.47'
9	85° 15' 50"	27.00'	24.86'	40.18'
10	34° 38' 38"	25.00'	7.80'	15.12'
11	34° 54' 55"	200.00'	69.80'	121.88'

*AS BUILT 12-16-86 BLD

BENCH MARK

City of Riverside B.M. H8-C PK nail & tag in base of light standard. S.W'ly return. THIS PROJECT ONLY (F.B. 847/20) C. Current datum indicates 1103.51

REVWD. BY: SO. CA. GAS CO.
E. F. Pucher 5-9-84 DATE

NESTE, BRUDIN & STONE
INCORPORATED
CIVIL ENGINEERS
SAN BERNARDINO HEMET ESCONDIDO

APPROVED BY: Jerry M. Dunlap
REGISTERED CIVIL ENGINEER NO. 15698
DATE: 3/21/78

MARK	REVISIONS	APPR.	DATE

DESIGNED BY: K DRAWN BY: CT CHECKED BY: K

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER	—	—
PARK DEPARTMENT	[signature]	4-4-84
TRAFFIC DIVISION	[signature]	7-17-84
CHIEF P. W. ENGR.	[signature]	7-20
PLANNING	[signature]	7-13-84

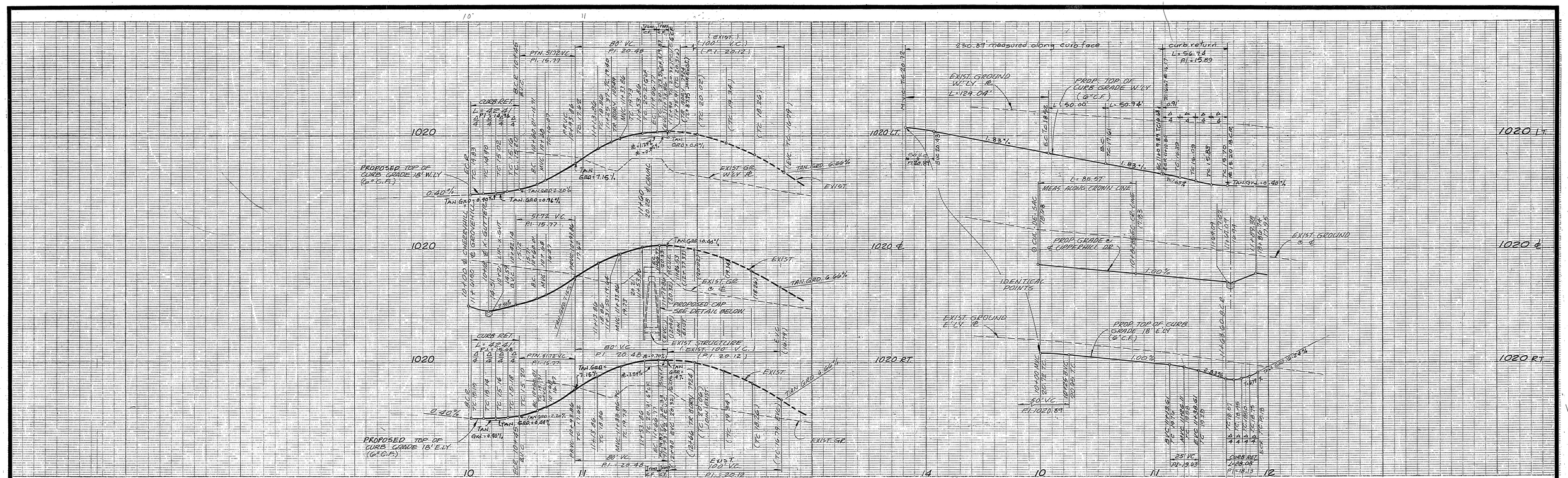
APPROVED BY [signature]
DIRECTOR OF PUBLIC WORKS
DATE 7/20/84

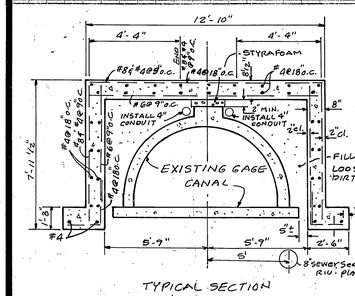
STREET PLAN AND PROFILE
TRACT Nº 10249
GROVEHILL DR.

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

INDEX LF
PROJECT NO. R-2464
SHEET 3 OF 4
FILE NO. P4-458

P4-10670



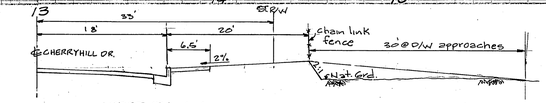


TYPICAL SECTION
No Scale
SEE CITY R.W. PLAN No. R-2305

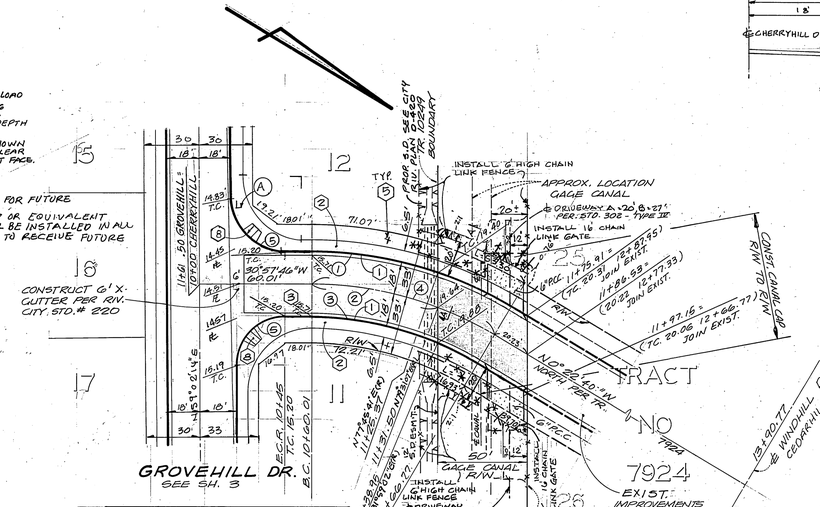
DESIGN DATA

1. $f'c$ = 3250 P.S.I.
2. f_y = 60 K.S.I.
3. EARTH = 120 lb/ft³
   EQ FLUID = 92 lb/ft³
4. SURCHARGE
   ONE 10,000 lb WHEEL LOAD
5. ALLOWABLE SOIL BEARING PRESSURE = 1000 lb/ft² WITH INCREASES FOR DEPTH PER U.B.C. TABLE 29-B
6. WHERE NOT OTHERWISE SHOWN STEEL SHALL HAVE A 2" CLEAR SPACE WITH ENCASEMENT PACE.

NOTE: INSTALL 2-4" CONDUIT FOR FUTURE CONDUCTORS. A No. 12 AWG PULLWIRE OR EQUIVALENT STRENGTH CORD SHALL BE INSTALLED IN ALL CONDUITS WHICH ARE TO RECEIVE FUTURE CONDUCTORS.



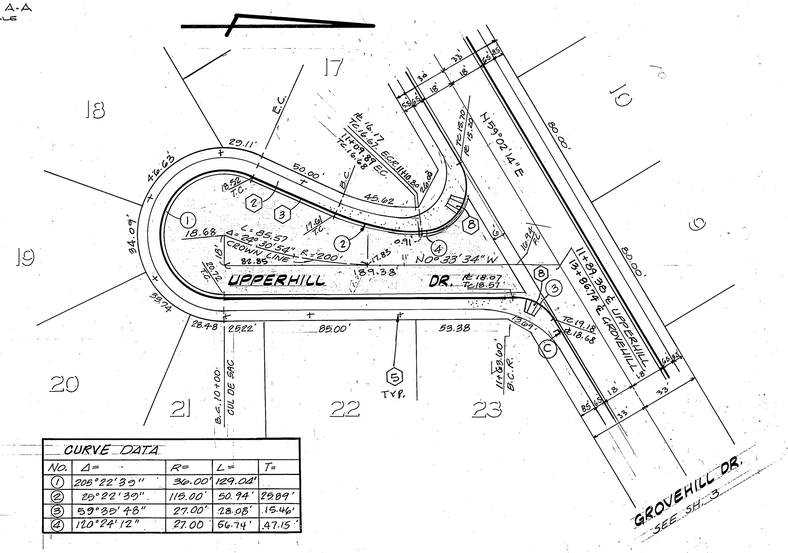
SECTION A-A
NO SCALE



No.	Δ=	R=	L=	T=
1	18°43'27"	218.00'	71.24'	35.94'
2	20°28'53"	200.00'	71.49'	36.13'
3	22°34'48"	182.00'	71.83'	36.39'
4	30°55'06"	200.00	106.70'	54.69'
5	90°00'00"	27.00'	42.41	27.00

NOTE: ( ) INDICATES CITY OF RIV. PLAN No. R-2305 ELEV. OR STATION

CHERRYHILL DRIVE



No.	Δ=	R=	L=	T=
1	205°22'35"	36.00'	129.04'	
2	20°22'30"	115.00'	50.94'	25.84'
3	59°35'48"	27.00'	28.08'	15.46'
4	120°24'12"	27.00	56.74'	47.15'

UPPERHILL DRIVE

CONCRETE CAP OVER GAGE CANAL AT CHERRYHILL

NOTE: CONTRACTOR TO VERIFY LOCATION AND ELEVATION OF EXIST. CANAL PRIOR TO ANY CONSTRUCTION

BENCH MARK

City of Riverside B.M. H8-C P.K. nail & tag in base of light standard. S.W'ly return of Canyon Crest & Central Ave. El. 1103.45 (F.B. 847/20) C. THIS PROJECT ONLY (CURRENT DATUM INDICATES 1103.51)

* AS BUILT 12-16-86 BLD

Gage Canal Company shall not be liable and/or incur any cost or expense whatsoever relative to the elevation data, design, and/or construction of any roadway, curb, drainage, fencing, gutters, pavement, sewer and/or utilities, which shall here after be constructed in, over, across or upon the crossing shown on this map.
By John M. Stocking, PRESIDENT/MANAGER — DATE 5-15-1984

CITY OF RIVERSIDE
DOMESTIC SYSTEM
CHIEF UTILITIES ENG. WATER — DATE 6-28-84

NESTE, BRUDIN & STONE
INCORPORATED
CIVIL ENGINEERS
SAN BERNARDINO HEMET ESCONDIDO
APPROVED BY:
REGISTERED CIVIL ENGINEER NO. 10638
DATE: 3/21/78

MARK	REVISIONS	APPR.	DATE

DESIGNED BY K DRAWN BY CT/AC CHECKED BY K

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER		
PARK DEPARTMENT		7-11-84
TRAFFIC DIVISION		7/17/84
CHIEF P. W. ENGR.		7-20
PLANNING		

APPROVED BY: DIRECTOR OF PUBLIC WORKS
DATE

STREET PLAN AND PROFILE
TRACT No 10249
CHERRYHILL DR.
UPPERHILL DR.

INDEX LF
PROJECT NO. R-2464
SHEET 4 OF 4
FILE NO. P4-458
HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 4'

P4-10670