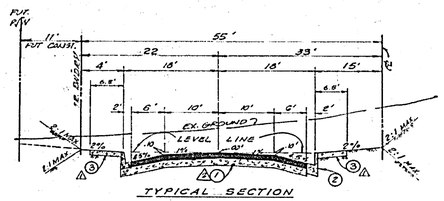
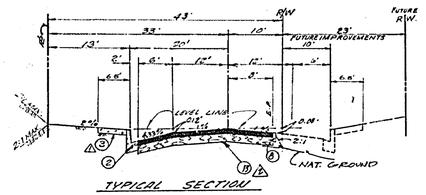
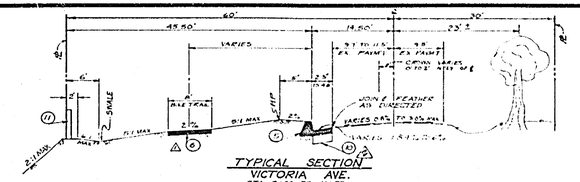


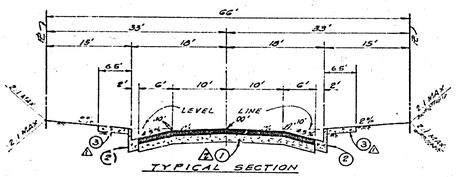
TYPICAL SECTION
ZODIAC DRIVE (FROM STA. 8+05.87)
T.I. = 5



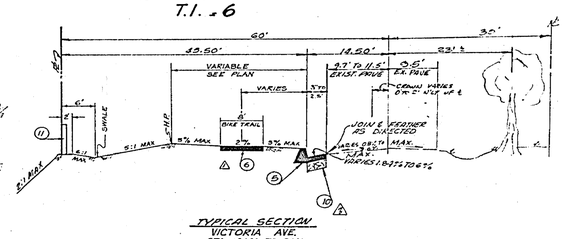
TYPICAL SECTION
BOUNDARY LN.
T.I. = 6



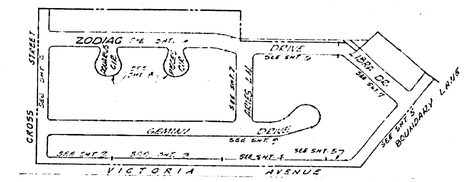
TYPICAL SECTION
VICTORIA AVE.
STA. 3+00 TO 11+77
T.I. = 7



TYPICAL SECTION
LIBRA DRIVE
ARIES LANE
GEMINI DRIVE
ZODIAC DRIVE (STA. 0+00 TO 8+05.87)



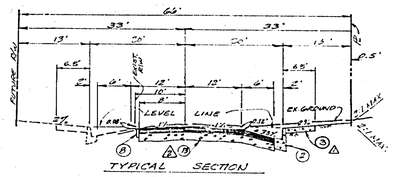
TYPICAL SECTION
VICTORIA AVE.
STA. 0+00 TO 3+00
T.I. = 7



KEY MAP
SCALE: 1" = 200'

PRIOR TO STARTING CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE FOLLOWING UTILITY COMPANIES.

SO. CAL. GAS CO.	713 - 781 - 6117
SO. CAL. EDISON CO.	714 - 686 - 6153
CITY OF RIVERSIDE WATER DIVISION	714 - 787 - 7141
SO. CALIF. GAS CO. (30" HIGH PRESSURE LINE)	714 - 683 - 2017



TYPICAL SECTION
CROSS STREET
T.I. = 6

ST. NAME & TRAFFIC SIGN SCHEDULE		
(A)	ZODIAC DRIVE	10600
	ARIES LANE	2700
(B)	ZODIAC DRIVE	10600
	LIBRA DRIVE	10600
(C)	LIBRA DRIVE	10600
	BOUNDARY LN.	2700
(D)	GEMINI DRIVE	10700
	ARIES LANE	2700
(E)	BOUNDARY LN.	2700
	VICTORIA AVE.	10600
(F)	R1 (STOP SIGN) 30" OCTAGON	
(G)	W53 (NOT A THROUGH STREET) 24" x 24"	
(H)	Ø93 (BIKE ROUTE) 24" x 18"	
(I)	ZODIAC DR.	10700
	PISCES CIR.	2700
(J)	ZODIAC DR.	10700
	AQUARIUS CIR.	2700
(K)	CROSS ST.	2700
	ZODIAC DR.	10700
(L)	GEMINI DR.	10700
	CROSS ST.	2700
(M)	VICTORIA AVE.	10700
	CROSS ST.	2700

BENCH MARK:
SET P.K. NAIL AND TAG IN CULVERT HEADWALL ON N'LY. SIDE OF VICTORIA 50' W'LY. OF CROSS ST. - F.B. 733/64
ELEV. = 823.204

~ CONSTRUCTION NOTES ~

(A)(1) — CONSTRUCT 3" A.C. OVER ~~NEW BASE~~ COMPACTED NATIVE
(2) — CONSTRUCT CURB AND GUTTER PER STD. DWG. 200 (TYPE B) 6" DECK
(3) — CONSTRUCT SIDEWALK PER STD. DWG. 325. (6' WIDE)
(4) — CONSTRUCT CROSS GUTTER PER STD. DWG. 220 (6' WIDE)
(5) — CONSTRUCT A.C. BERM PER STD. DWG. 250 (TYPE I)
(6) — CONSTRUCT 8' WIDE 2½" A.C. BIKE TRAIL
(7) — CONSTRUCT BARRICADE PER STD. DWG. 180 W/ TYPE 'N' (RED) REFLECTOR SIGN.
(8) — CONSTRUCT 2" x 6" REDWOOD HEADER
(9) — CONSTRUCT WHEEL CHAIR RAMP PER STD. DWG. 304
(A)(10) — CONSTRUCT 4" A.C. OVER ~~NEW BASE~~ COMPACTED NATIVE
(11) — CONSTRUCT 6' HIGH BLOCK WALL PER STD. DWG. 704.
~~(12) — CONSTRUCT 6' HIGH BLOCK WALL PER STD. DWG. 704.~~
(A)(13) — CONST. 3½" A.C. OVER ~~NEW BASE~~ COMPACTED NATIVE
(14) — CONST. (2025 LINEAR FEET 90) (DWG. 220 (10' WIDE.)
(15) — INSTALL TYPE L MARKER PER STD. DWG. NO. 823
(16) — CONST. UNDER SIDEWALK DRAIN PER STD. DWG. NO. 411 & 412 B

~ 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 STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1973 EDITION, AND CITY OF RIVERSIDE STANDARD DRAWINGS.
3. ALL "FLAGGED" ELEVATIONS SHALL BE STAKED BY ENGINEER
4. GRADING WILL REQUIRE A PERMIT FOR A CUT OR FILL EXCEEDING 50 CUBIC YARDS, OR A FILL OVER ONE FOOT IN DEPTH.
5. TRIM EDGE OF EXISTING PAVEMENT WHERE NEW PAVING JOINS EXISTING PAVEMENT. TO CLEAN STRAIGHT LINE, CONSTRUCT MATCH UP PAVING AS SHOWN AND OVERLAY AS DIRECTED IN THE FIELD TO PRODUCE A SMOOTH CROWN SECTION.
6. 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 AND A.C. PAVING SHALL BE DETERMINED BY THE CITY OF RIVERSIDE DESIGN STANDARDS AND TEST PROCEDURES.
7. CONSTRUCT DRIVEWAY APPROACHES PER STD. DWG. 302. EXACT SIZE AND LOCATION TO BE DETERMINED AT THE TIME OF THE CONSTRUCTION AS APPROVED BY THE TRAFFIC DIVISION.
8. CURB RETURNS SHALL BE CONSTRUCTED PER STANDARD DRAWING 304.
9. CURB & GUTTER AND A.C. BERM TO BE STAKED WITH 3' OFFSET AT 25' INTERVALS.
10. SEE "STREET LIGHTING PLANS" FOR NUMBER AND LOCATION OF REQUIRED STREET LIGHTS
11. SEE "LANDSCAPING AND SPRINKLING SYSTEM PLANS" FOR VICTORIA AVE. PARKWAY.
12. TRAFFIC CONTROL SIGNS MUST BE IN PLACE PRIOR TO OPENING OF STREETS TO TRAFFIC

APPROVED BY:
PAUL H. CARRILLO - R.C.E. 19557
5-15-75
DATE

2	Added pavement specifications		6/3/75
1	Revised typical section		5/19/75
NO.	REVISIONS	APPR.	DATE

DESIGNED BY ____ DRAWN BY ____ CHECKED BY ____

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

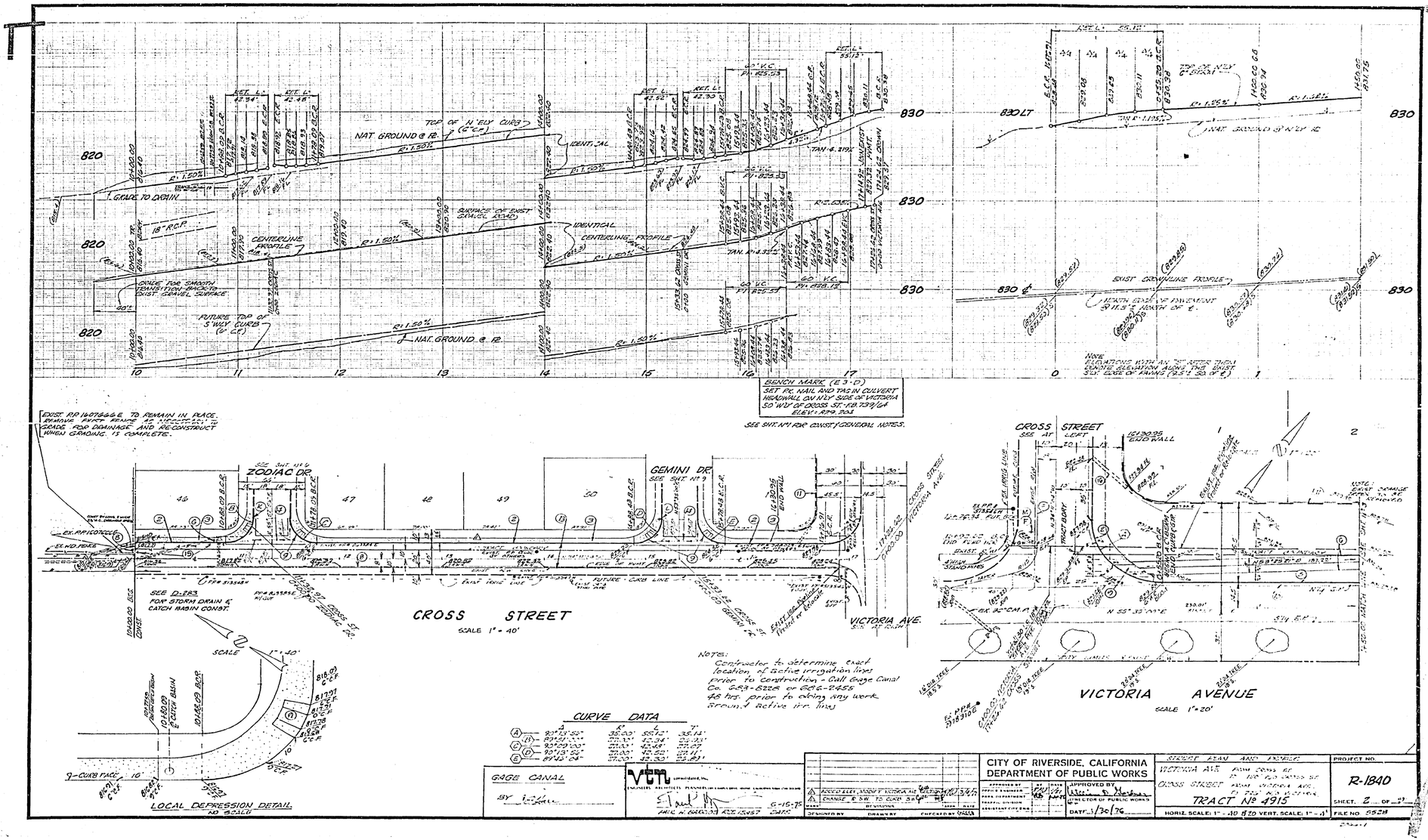
APPROVED BY	BY	DATE
OFFICE ENGINEER		
PARK DEPARTMENT		
TRAFFIC DIVISION		
ASSISTANT CITY EGR.		

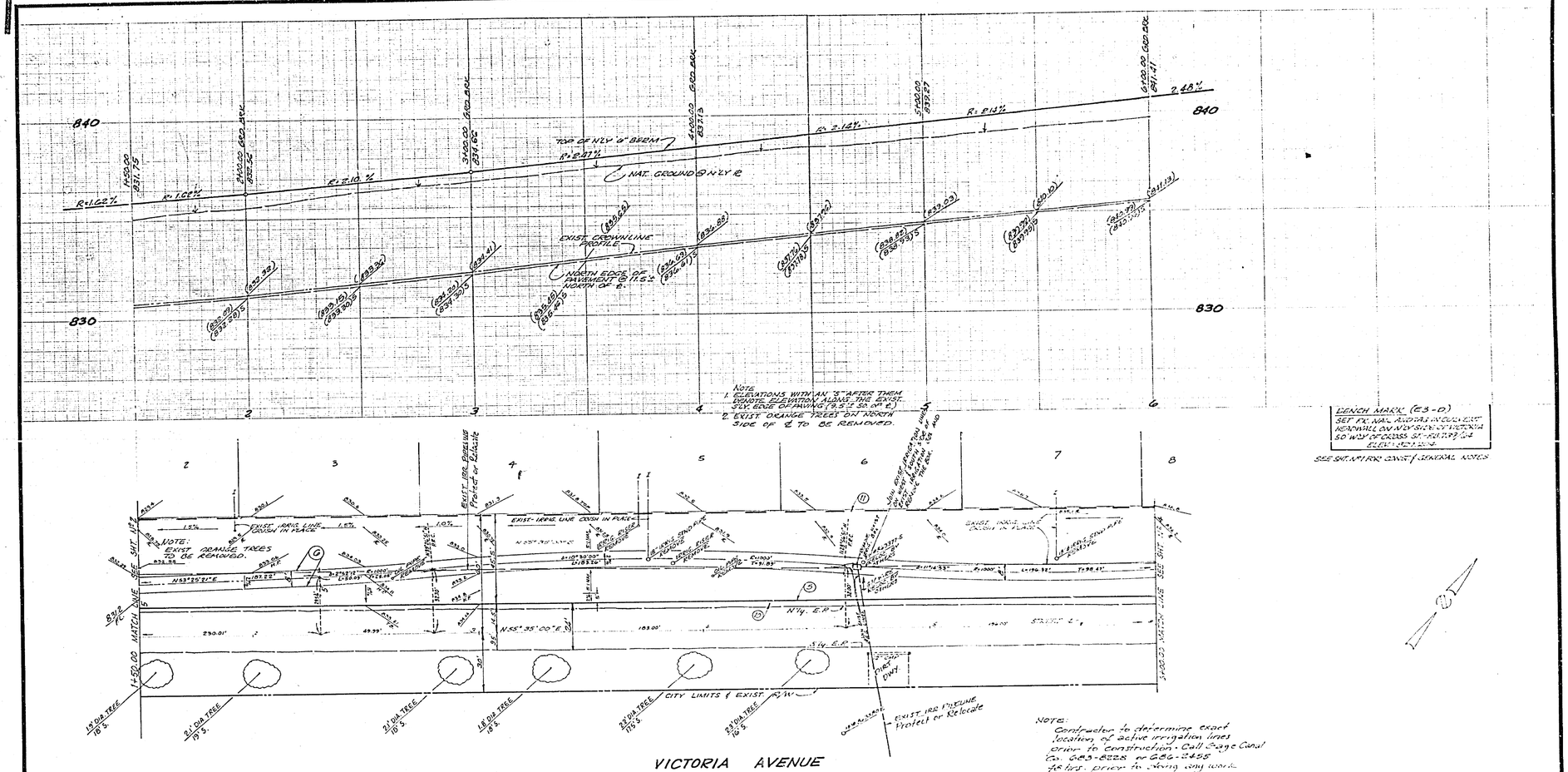
APPROVED BY
DIRECTOR OF PUBLIC WORKS
BY
DATE 1/20/76

TITLE SHEET
TYPICAL SECTIONS
TRACT No 4915

HORIZ. SCALE: 1" = ____ VERT. SCALE: 1" = ____

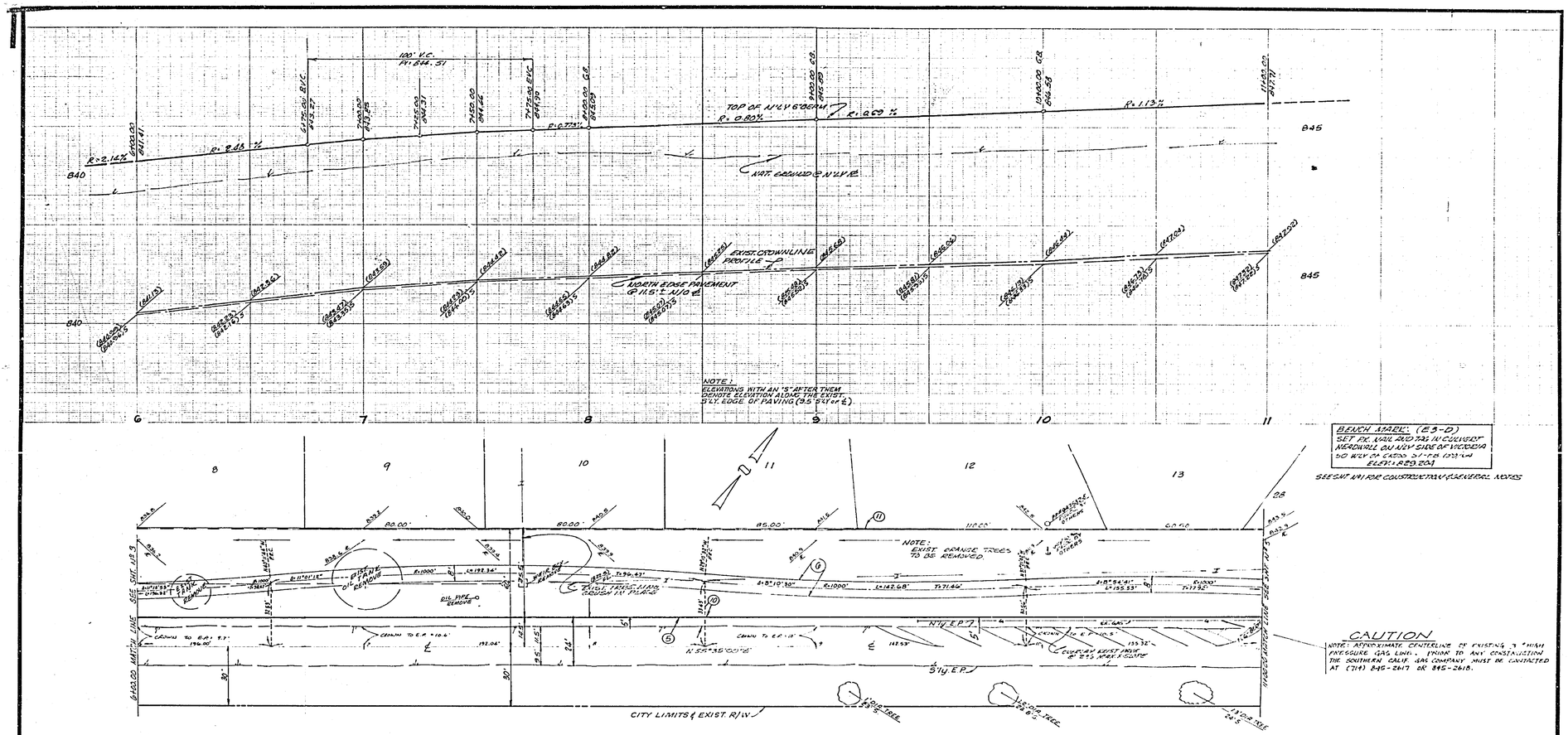
INDEXED VOL. 5
PROJECT NO. R-1840
SHEET 1 OF 17
FILE NO. 5528


NAT. GROUND @ RP.
TOP OF 'N'ELY CURB (6" C.P.)
IDENTICAL
SURFACE OF EXIST. GRAVEL ROAD
CENTERLINE PROFILE
IDENTICAL CENTERLING PROFILE
GRADE TO DRAIN
18" R.C.P.
GRADE FOR SMOOTH TRANSITION BACK TO EXIST. GRAVEL SURFACE
FUTURE TOP OF S'WLY CURB (6" C.P.)
NAT. GROUND @ RP.
EXIST. CRWN LINE PROFILE
NEW EXISTING PAVEMENT 39'11.5" WIDTH OF ℄
NOTE: ELEVATIONS WITH AN "X" ABOVE THEM DENOTE ELEVATION ALONG THE EXIST. S'LY EDGE OF PAVING (33.5' OR 6" ℄)
BENCH MARK (E 3-D)
SET PK NAIL AND TAG IN CULVERT HEADWALL ON N'LY SIDE OF VICTORIA 50' W'LY OF CROSS ST. - F.B. 739/64
ELEV.: 829.753
SEE SHT. N°1 FOR CONST. GENERAL NOTES.
EXIST. P.P. 1607&&&E TO REMAIN IN PLACE. REMOVE PORT. REMOVE AS NECESSARY TO GRADE FOR DRAINAGE AND RE-CONSTRUCT WHEN CARDINAL IS COMPLETE.
ZODIAC DR.
GEMINI DR.
CROSS STREET
SCALE 1" = 40'
SEE D-283 FOR STORM DRAIN & CATCH BASIN CONST.
VICTORIA AVE.
Note:
Contractor to determine exact location of active irrigation lines prior to construction - Call Gage Canal Co. 689-8228 or 686-2455 48 hrs. prior to doing any work around active irr. lines
CROSS STREET
SEE AT LEFT
VICTORIA AVENUE
SCALE 1" = 20'
LOCAL DEPRESSION DETAIL
NO SCALE
CURVE DATA
GAGE CANAL
BY
VTN
ENGINEERS ARCHITECTS PLANNERS
G-16-75
DATE
CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
APPROVED BY
DIRECTOR OF PUBLIC WORKS
DATE 1/30/76
STREET PLAN AND PROFILE
VICTORIA AVE. FROM CROSS ST. TO 150' W'LY OF CROSS ST.
CROSS STREET FROM VICTORIA AVE. TO 225' N'LY OF VICTORIA
TRACT Nº 4915
HORIZ. SCALE: 1" = 40 & 20 VERT. SCALE: 1" = 4'
PROJECT NO.
R-1840
SHEET 2 OF 27
FILE NO. 5528



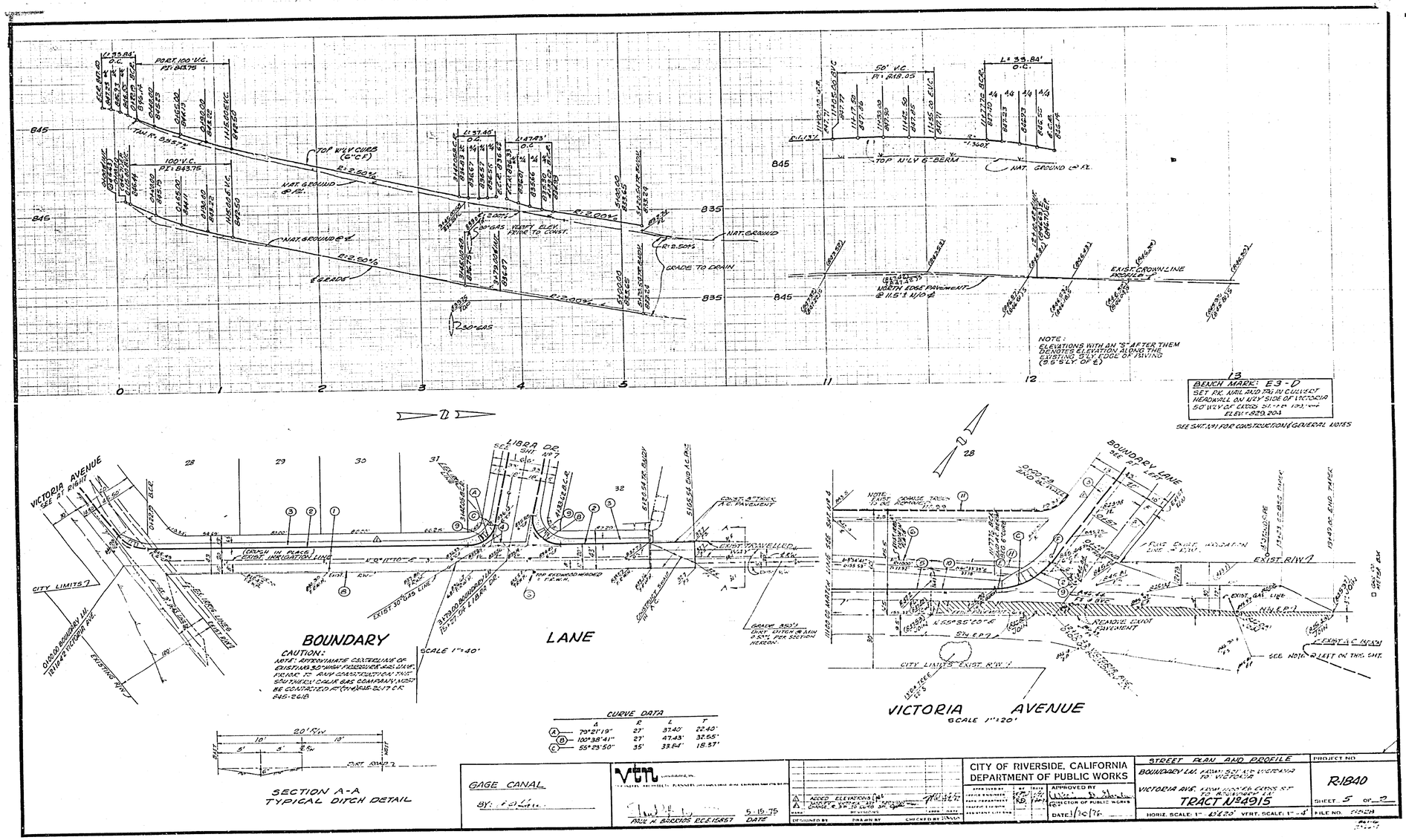
NOTE:
Contractor to determine exact location of active irrigation lines prior to construction. Call Gage Canal Co. 683-8228 or 686-2455 48 hrs. prior to doing any work around active irr. lines.

GAGE CANAL BY: [signature]	VTN consolidated, Inc. ENGINEERS ARCHITECTS PLANNERS	ADDED ELEVATIONS MODIFY VICTORIA AVE. SECTION REVISIONS DESIGNED BY DRAWN BY CHECKED BY	CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS APPROVED BY DATE 1/30/76	STREET PLAN AND PROFILE VICTORIA AVE. TRACT No 4915 HORIZ. SCALE: 1" = 20' VERT. SCALE: 1" = 4'	PROJECT NO R-1840 SHEET 3 OF 12 FILE NO. 0828



VICTORIA AVENUE

GAGE CANAL BY [illegible]	VTN Consultants, Inc. Civil Engineers, Planners, Surveyors, Land Development Consultants. Paul H. Rodrigues / Civil Engineer — 5-15-75 DATE	A ADDED ELEVATIONS [illegible] 5/27/75; A MODIFY VICTORIA AVE. SECTION [illegible] 5/27/75. MARK REVISIONS APPR. DATE. DESIGNED BY DRAWN BY CHECKED BY [illegible]	CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS. APPROVED BY: PUBLIC WORKS ENGINEER, PARK DEPARTMENT, TRAFFIC DIVISION, ASSISTANT CITY ENGINEER. APPROVED BY [illegible] DIRECTOR OF PUBLIC WORKS. DATE 1/30/76	STREET PLAN AND PROFILE. VICTORIA AVE. FROM 400' ± S. CROSS ST. TO 1100' ± N. CROSS ST. TRACT No. 4915. HORIZ. SCALE: 1" = 20'. VERT. SCALE: 1" = 4'. PROJECT NO. R-1840. SHEET 4 OF 7. FILE NO. [illegible]



CURVE DATA

	Δ	R	L	T
A	79°21'19"	27'	37.40'	22.40'
B	100°38'41"	27'	47.43'	32.55'
C	55°23'50"	35'	33.84'	18.37'

GAGE CANAL

BY: [illegible]

VTN Consultants, Inc.

PAUL H. BARRIOS R.C.E. 15857 — 5-15-75 DATE

△	ADDED ELEVATIONS		
△	MAP PER VICTORIA 327 CHANGE ℄ S.W. TO CURB SP.		
MARK	REVISIONS	APPR.	DATE
DESIGNED BY	DRAWN BY	CHECKED BY	

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY: [illegible] DIRECTOR OF PUBLIC WORKS

DATE: 1/30/76

STREET PLAN AND PROFILE

BOUNDARY LN. FROM SOUTH VICTORIA TO VICTORIA

VICTORIA AVE. FROM NORTH CROSS ST. TO BOUNDARY LN.

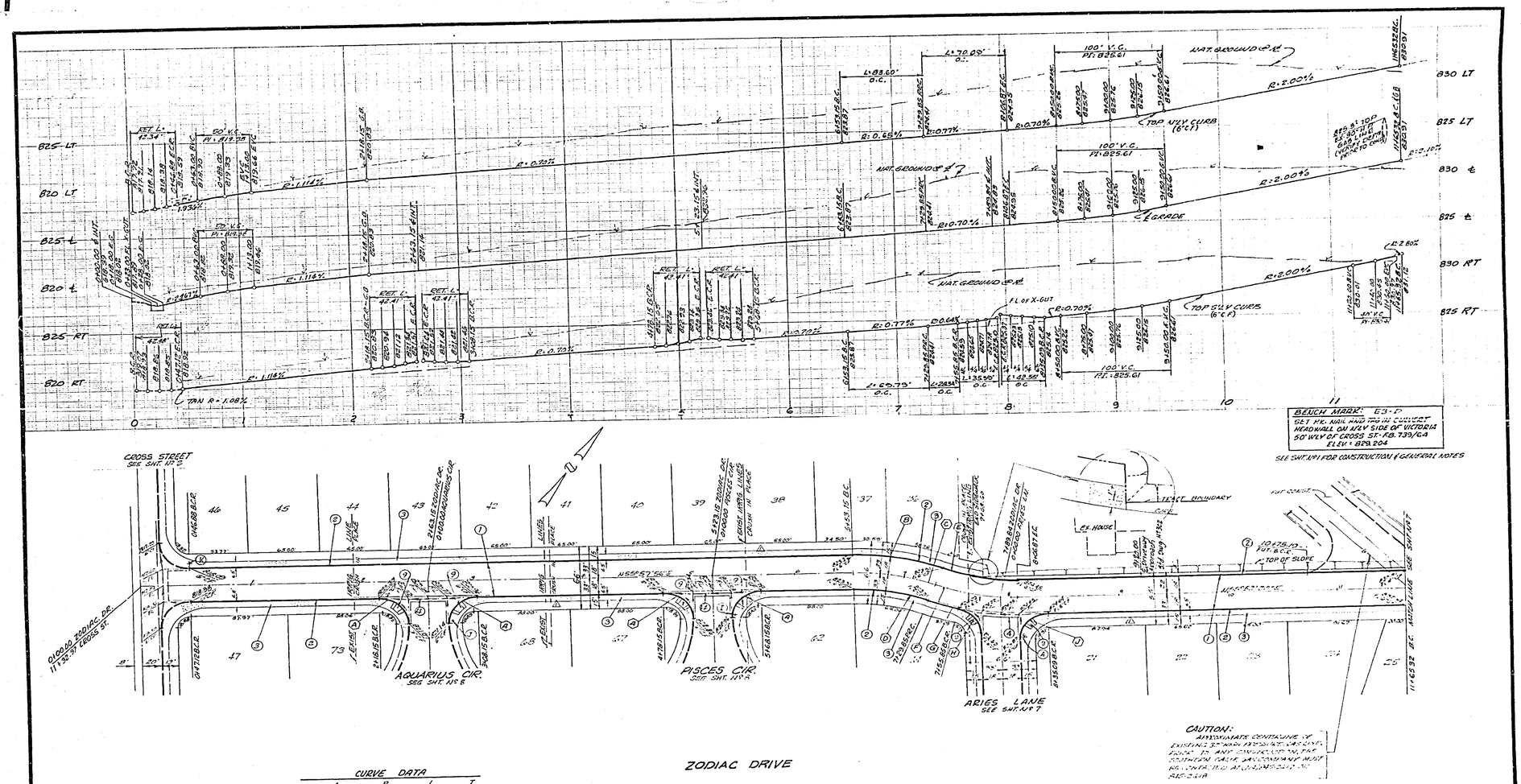
TRACT No. 4915

HORIZ. SCALE: 1" = 40'&20' VERT. SCALE: 1" = 4'

PROJECT NO. R-1840

SHEET 5 OF 2

FILE NO. [illegible]



CURVE DATA

	Δ	R	L	T
A	90°00'00"	27'	42.41'	27.00'
B	21°58'20"	218'	83.60'	42.32'
C	21°58'20"	200'	76.70'	38.83'
D	21°58'20"	182'	69.79'	35.33'
E	22°03'56"	182'	70.09'	35.49'
F	22°03'56"	200'	77.02'	38.99'
G	07°26'56"	218'	28.34'	14.19'
H	75°05'40"	27'	35.39'	20.75'
J	90°17'20"	27'	42.55'	27.14'

GAGE CANAL

BY [signature]

VTN Consultants, Inc.
ENGINEERS · ARCHITECTS · PLANNERS · LAND SURVEYORS · LANDSCAPE ARCHITECTS

[signature] 5-15-76
PAUL H. BARROS RCE 15857 DATE

MARK	REVISIONS	APPR.	DATE
Δ	CHANGE ℄ S.W. TO CURB S.W.	[signature]	3/4/76

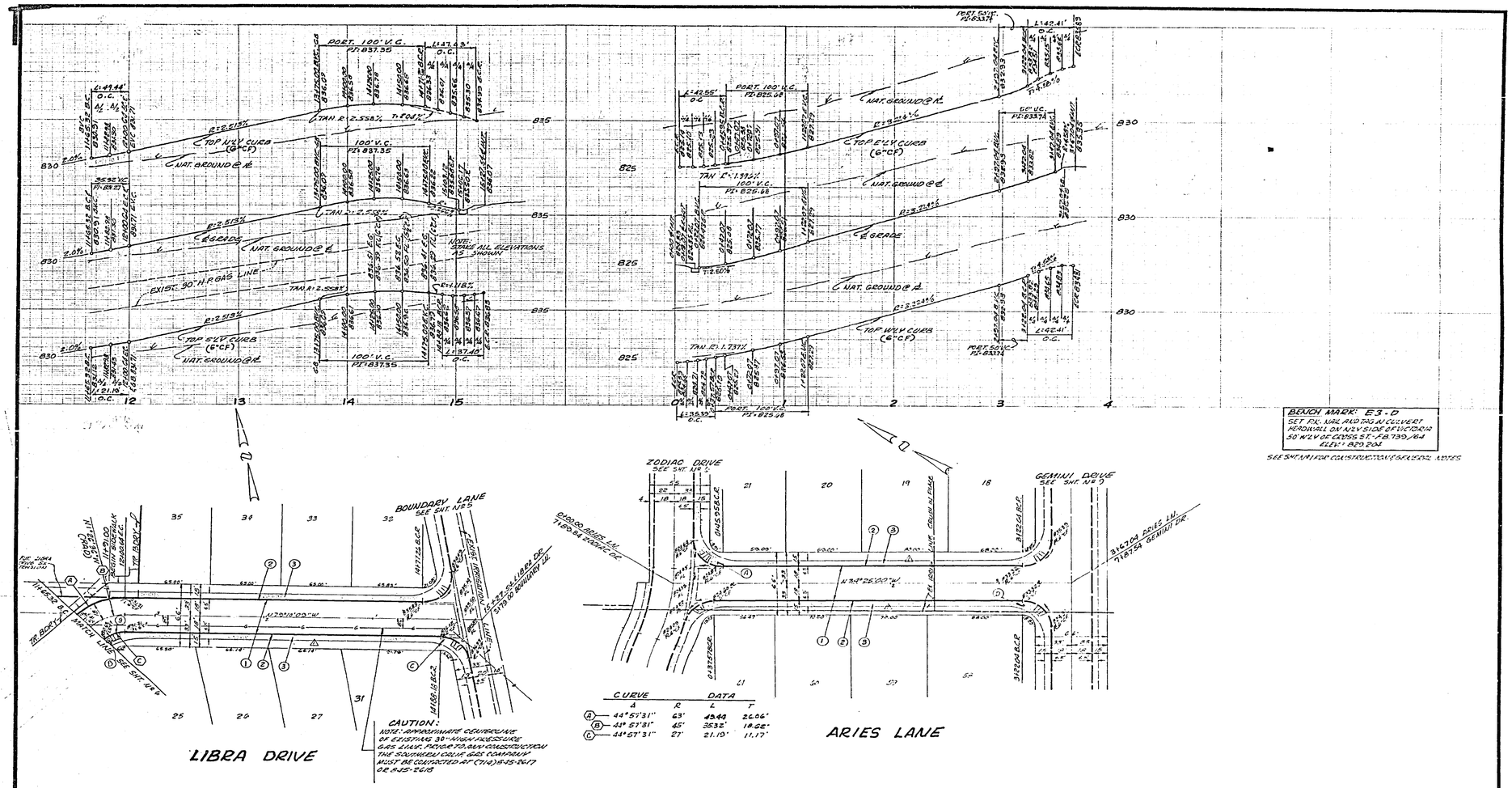
DESIGNED BY — DRAWN BY — CHECKED BY

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY
[signature]
DIRECTOR OF PUBLIC WORKS
DATE 1/30/76

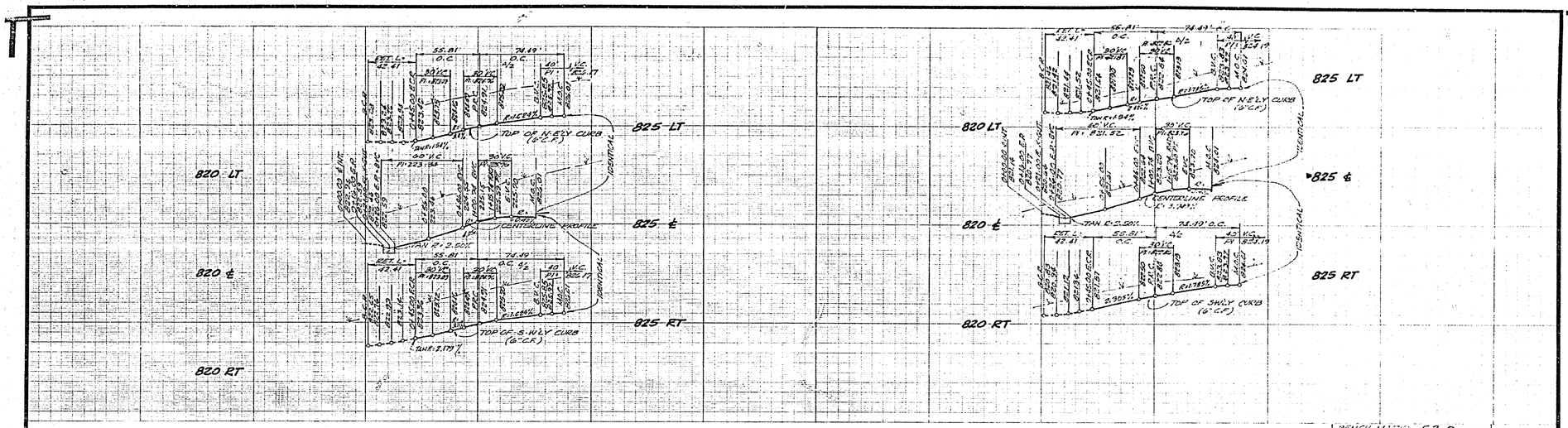
STREET, PLAN AND PROFILE
ZODIAC DR. FROM CROSS STREET TO 1165' W'LY OF CROSS
TRACT No 4915
HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 4'

PROJECT NO. R-1840
SHEET 6 OF 9
FILE NO. 5628



GAGE CANAL BY [illegible]	VTN Consolidated, Inc. ENGINEERS · ARCHITECTS · PLANNERS PAUL H. BARRENDS RCE 15857 5-16-76 DATE	CHANGE R.W. TO CURB TO R.W. [illegible] 3/6/72 MARK REVISIONS DATE DESIGNED BY DRAWN BY CHECKED BY	CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS APPROVED BY: CITY ENGINEER, PARK DEPARTMENT, TRAFFIC DIVISION, ASSISTANT CITY ENG. APPROVED BY William D. Hardin DIRECTOR OF PUBLIC WORKS DATE 1/30/76

STREET PLAN AND PROFILE LIBRA DRIVE FROM: [illegible] ARIES LANE FROM: [illegible] TRACT No. 4915	PROJECT NO. R-1840 SHEET 7 OF 9	
HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 4'	FILE NO. [illegible]	



PISCES CIRCLE

AQUARIUS CIRCLE

CURVE DATA

	Δ	R	L	T
A	34° 39' 22"	84'	50.81'	26.21'
B	249° 18' 43"	40'	174.05'	

GAGE CANAL

BY: [illegible]

VTN consolidated, inc.
ENGINEERS ARCHITECTS PLANNERS

PAUL H. BARRIOS RCE 15857 — 5-15-76 DATE

MARK	REVISIONS	APPR.	DATE
△	[illegible]	[illegible]	[illegible]

DESIGNED BY — DRAWN BY — CHECKED BY [illegible]

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY — DATE 1/30/76

STREET PLAN AND PROFILE

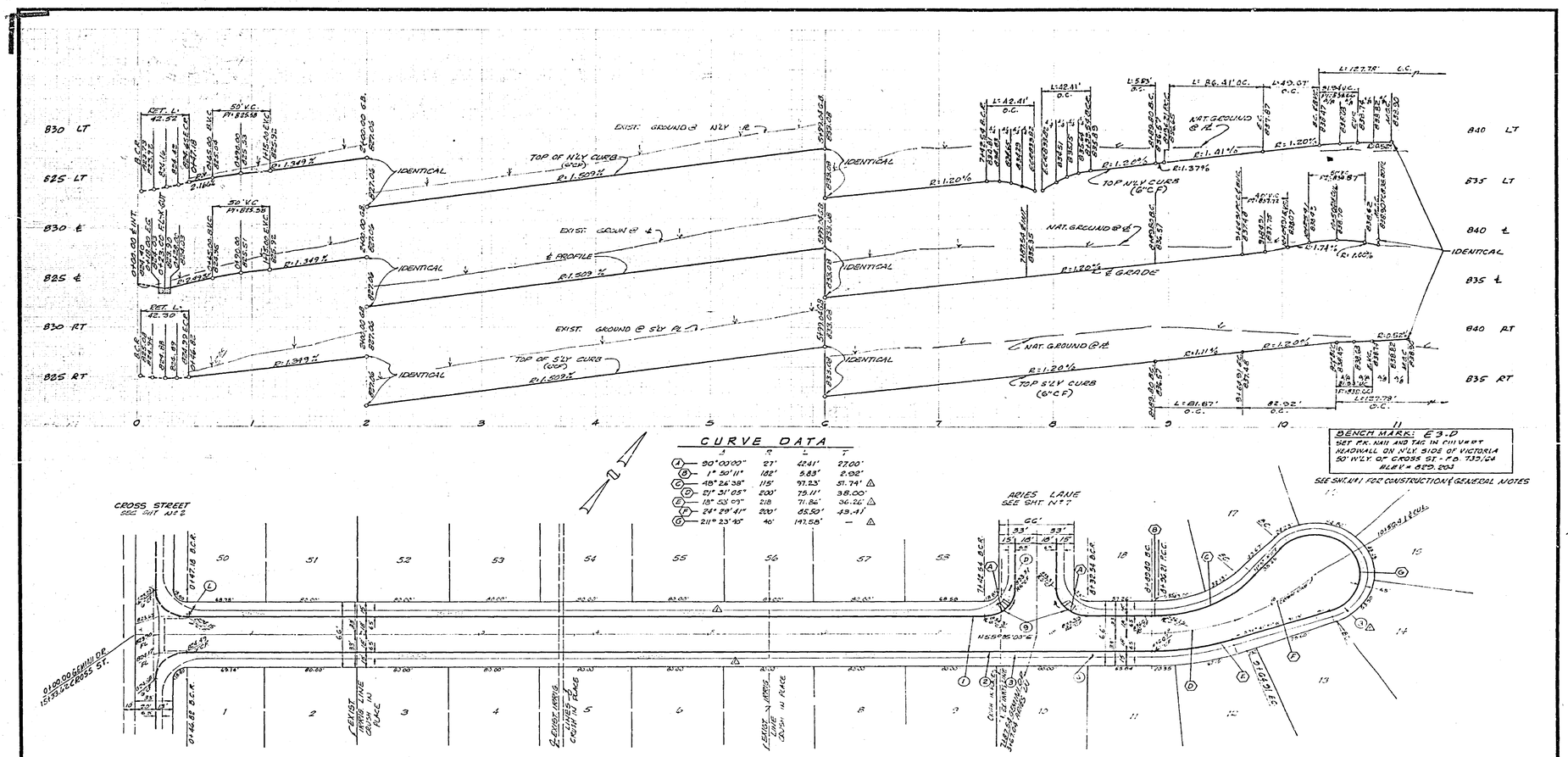
PISCES CIRCLE
AQUARIUS CIRCLE
TRACT No 4915

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

PROJECT NO. R-1840

SHEET 8 OF 9

FILE NO. [illegible]



CURVE DATA

	Δ	R	L	T
A	90°00'00"	27'	42.41'	27.00'
B	1°50'11"	182'	5.83'	2.92'
C	48°26'38"	115'	97.33'	51.74' △
D	27°31'05"	200'	95.11'	48.00'
E	18°53'09"	218	71.86'	36.26' △
F	24°29'41"	200'	85.50'	43.41'
G	211°23'45"	40'	147.58'	— △

BENCH MARK: E3-D
SET P.K. NAIL AND TAG IN CULVERT HEADWALL ON N'LY SIDE OF VICTORIA 50' W'LY OF CROSS ST - F.P. 733.64
ELEV = 829.203

SEE SHT. Nº 1 FOR CONSTRUCTION & GENERAL NOTES

GAGE CANAL

BY

VTN
ENGINEERS, ARCHITECTS, PLANNERS

5-19-76
REG. N. BARDENAS RCE 18857 DATE

REVISIONS

DESIGNED BY DRAWN BY CHECKED BY

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY
CITY ENGINEER
ROAD DEPARTMENT
TRAFFIC DIVISION
ASSISTANT CITY ENG.

APPROVED BY
DIRECTOR OF PUBLIC WORKS
ETC.
DATE 1/26/76

STREET PLAN AND PROFILE

GEMINI DRIVE FROM: (SECTION 3) TO (STA. 8+00 SECTION)

TRACT Nº 4915

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

PROJECT NO. R-1840

SHEET 9 OF 13

FILE NO. 5628