

NOTICE TO CONTRACTOR

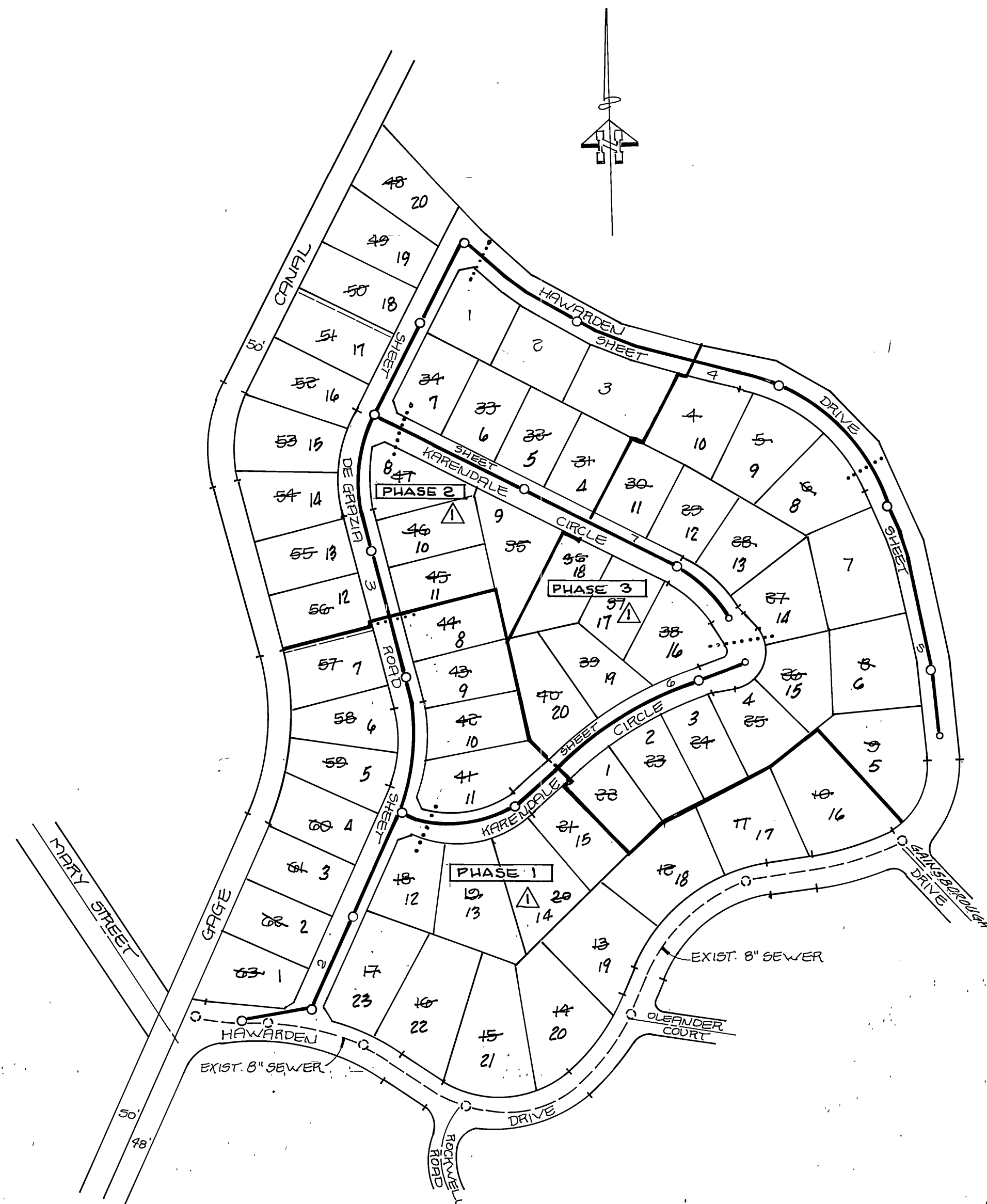
THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THESE PLANS WERE OBTAINED BY A SEARCH OF AVAILABLE RECORDS. TO THE BEST OF OUR KNOWLEDGE THERE ARE NO EXISTING UTILITIES EXCEPT AS SHOWN ON THESE PLANS. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN AND ANY OTHER LINES NOT OF RECORD OR NOT SHOWN ON THESE PLANS.

NOTE:

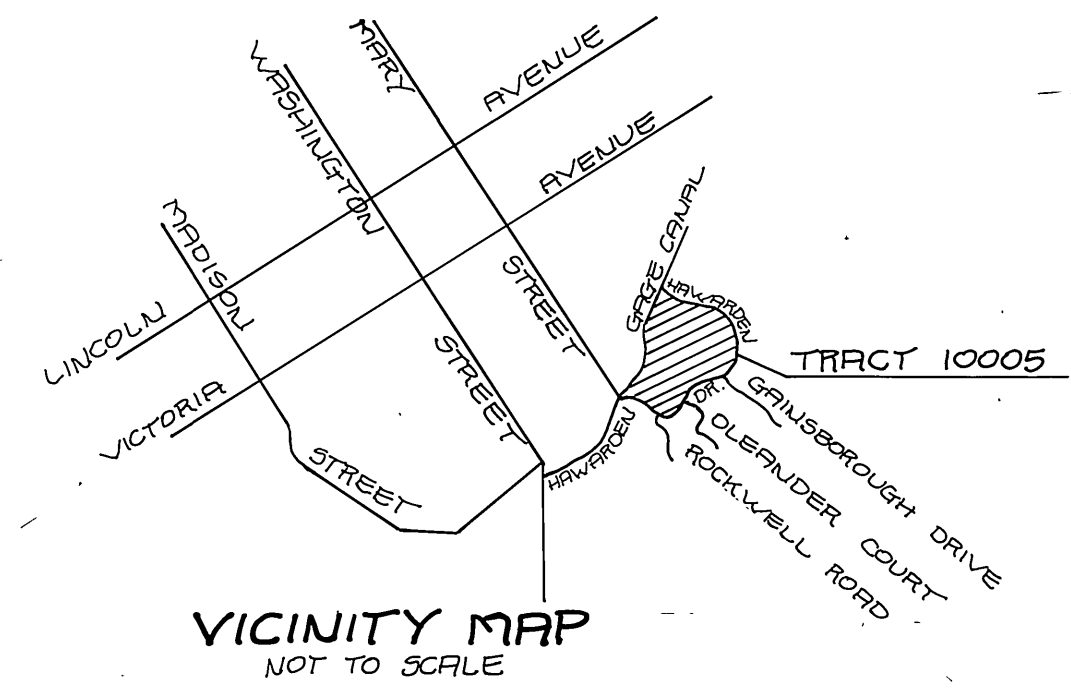
1. THESE PLANS ARE FOR SEWER CONSTRUCTION ONLY!
2. SEWER LATERALS FOR LOTS 16 THROUGH 23 WILL BE CONNECTED TO EXISTING 8" SEWER MAIN IN HAWARDEEN DRIVE AND ARE SHOWN ON C/R R-2424

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, 1988 EDITION.
3. LOCATION OF LATERALS TO BE DETERMINED IN THE FIELD AT THE DIRECTION OF THE OWNER. AVOID CONFLICT WITH PROPOSED AND/OR EXISTING FACILITIES.
4. CONTRACTOR IS TO VERIFY EXISTING SEWER ELEVATION PRIOR TO CONSTRUCTION.
5. THE SEWER CONTRACTOR SHALL ADJUST MANHOLES TO FINAL GRADE AFTER PAVING IS COMPLETED.
6. 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.
7. THE PRIVATE ENGINEER SIGNING THESE PLANS IS RESPONSIBLE FOR ASSURING THE ACCURACY AND ACCEPTABILITY FOR THE WORK HEREON. IN THE EVENT OF DISCREPANCIES ARISING DURING CONSTRUCTION THE PRIVATE ENGINEER SHALL BE RESPONSIBLE FOR DETERMINING AN ACCEPTABLE SOLUTION AND REVISIONS TO THE PLANS FOR APPROVAL BY THE CITY.



SEWER INDEX MAP
SCALE: 1" = 200'



CONSTRUCTION LEGEND

- ① CONSTRUCT MANHOLE PER CITY OF RIVERSIDE STD. DWG. NO. 500
- ② CONSTRUCT 4" V.C.P. SEWER LATERAL PER CITY OF RIVERSIDE STD. DWG. NO. 562
- ③ CONSTRUCT CLEAN OUT PER CITY OF RIVERSIDE STD. DWG. NO. 560
- ④ CONSTRUCT ENCASEMENT PER CITY WATER DIVISION STD. DWG'S. CWD-022 AND CWD-023 (TYPE-C)

CITY OF RIVERSIDE
DOMESTIC SYSTEM
Fred Lent
WATER SYSTEMS MANAGER
DATE 4/21/11

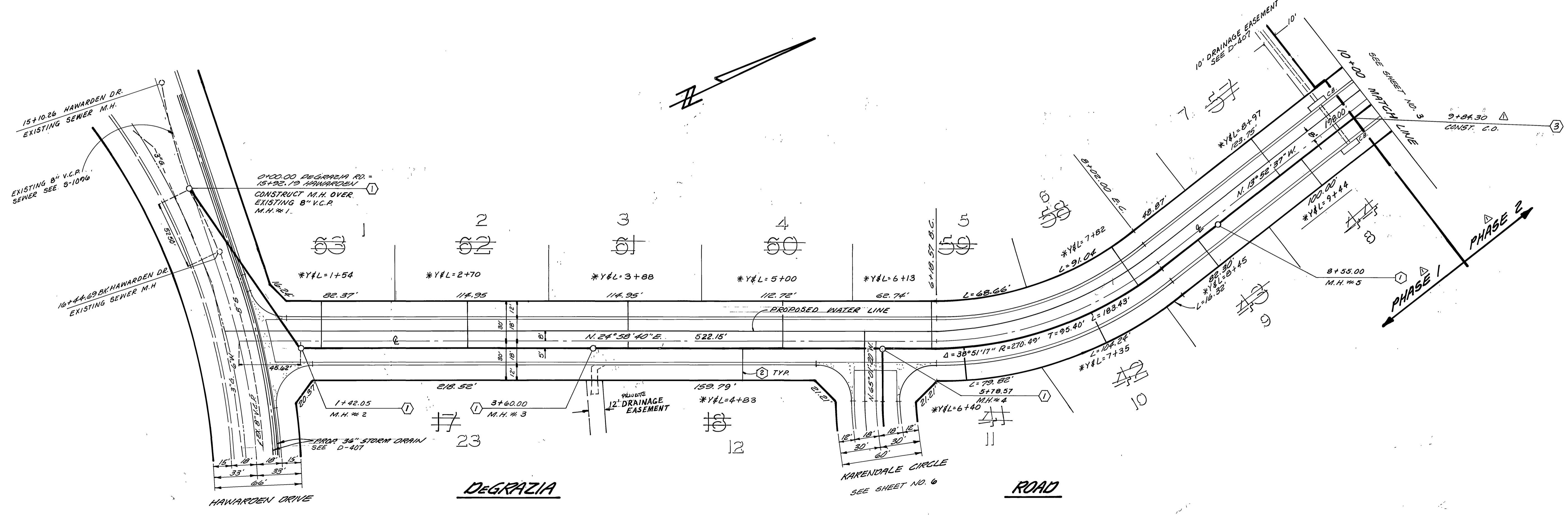
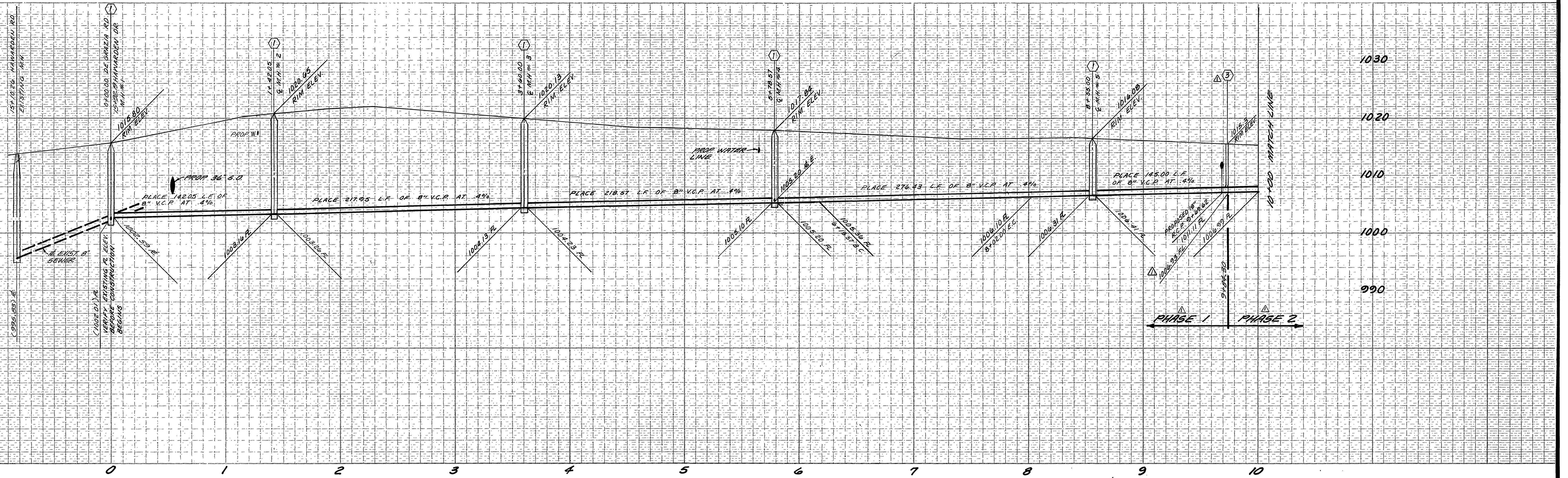
HAWKINS, ROBERTSON & ASSOCIATES
ENGINEERS • SURVEYORS
3750 ELIZABETH STREET • RIVERSIDE, CALIFORNIA 92506
Dale S. Gladding 7/31/81
R.C.E. 17095 DATE
BENCHMARK: FD BRASS DISC, STAMPED (FG-R)
CAPPED & INT. OF VICTORIA AVE. AND WASHINGTON ST.
ELEV. 327.290

DESIGNED BY DGG	DRAWN BY KA	CHECKED BY [Signature]
REVISIONS	APPR. DATE	DATE
CHANGED LOT NUMBERS, SEE 7-11-85	7/11/85	7/11/85
PHASED PLAN FOR CONSTRUCTION	7/11/85	7/11/85

CITY OF RIVERSIDE, CALIFORNIA PUBLIC WORKS DEPARTMENT	
APPROVED BY [Signature]	DATE 5/20/11
PRINCIPAL ENGINEER	TRAFFIC DIVISION
PARK DEPARTMENT	CHIEF PUB. WKS. ENGR.

TRACT 10005, 1 of 2
SEWER PLANS
TITLE SHEET
SCALE:

ACCOUNT No.
DRAWING NUMBER
5-1288
SHEET 1 OF 7
INDEXED - PREP 6-21-82
J.O. 81-3137



CITY OF RIVERSIDE
DOMESTIC SYSTEM
Fred Lawt
WATER SYSTEMS MANAGER DATE

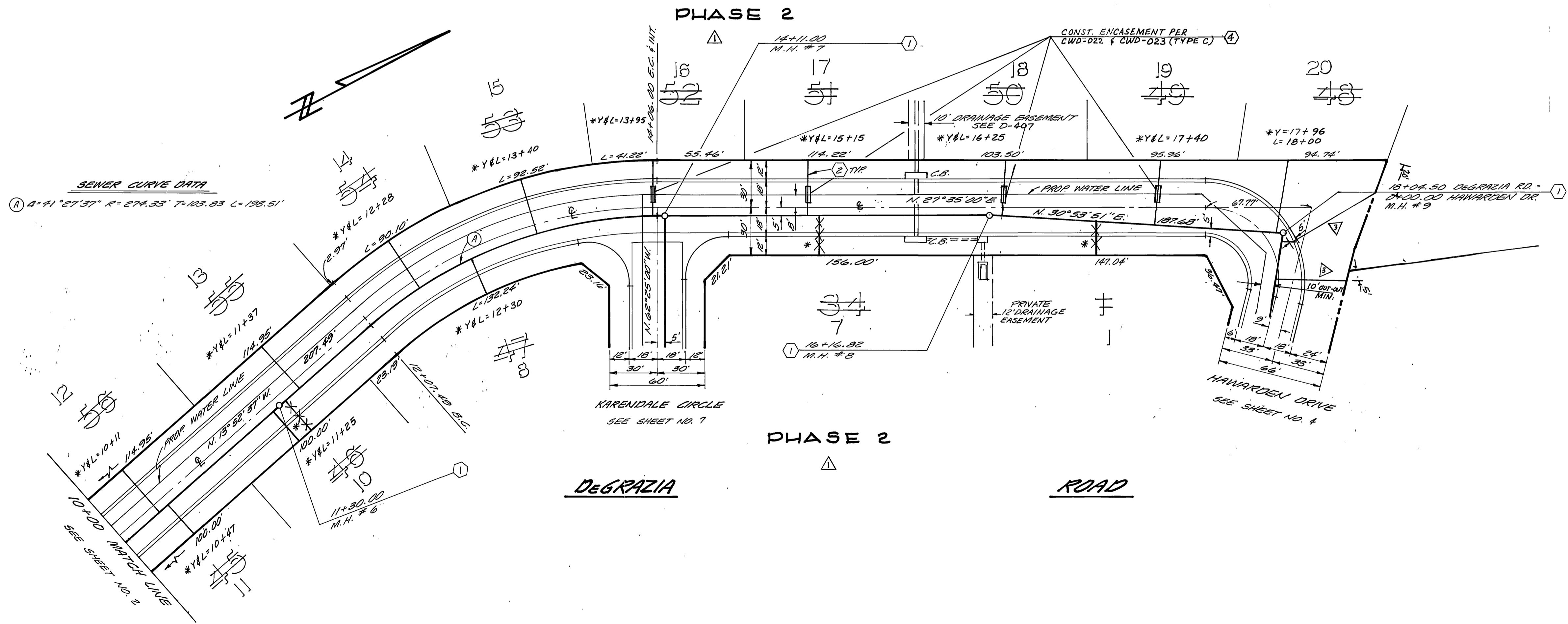
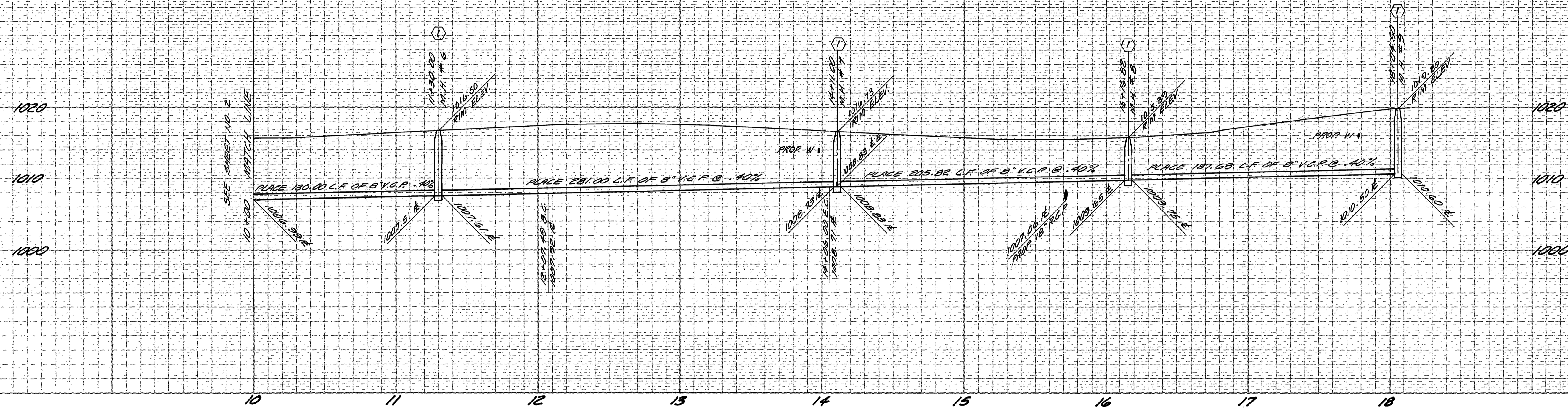
HAWKINS, ROBERTSON & ASSOC.
ENGINEERS - SURVEYORS
3756 ELIZABETH ST. RIVERSIDE, CALIF.
Dale D. Gladding 7-31-81
R.C.E. 17055 DATE
BENCH MARK: PD BRASS DISC STAMPED
(78-7) CHANGED Q INT. VICTORIA AVE. &
WASHINGTON ST. F.D. 788/3 EL. 927.999

CHANGED LOT NUMBERS 74-88
PHASED PLAN FOR CONSTRUCTION
REVISIONS
APPR. DATE
DESIGNED BY D.G.C. DRAWN BY R.V.R. CHECKED BY

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT
APPROVED BY
PRINCIPAL ENGINEER
TRAFFIC DIVISION
CHIEF PUB. WKS. ENGR.
DATE 4/28/82

TRACT 10005
SEWER PLAN & PROFILE
DEGRAZIA ROAD
SCALE: HORIZ. = 1"=40' VERT. = 1"=8'

ACCOUNT NO.
DRAWING NUMBER
5-1288
SHEET 2 OF 7
FILE NO. 3137-A



HAWKINS, ROBERTSON & ASSOC.
 ENGINEERS-SURVEYORS
 3756 ELIZABETH ST. RIVERSIDE, CALIF.
 Dale D. Gladding 7-31-81
 R.C.E. TRASS DATE

BENCH MARK: FID. SURVEY DISC. STAMPED
 CFS #1 CORNER @ NUT VICTORIA AVE. &
 WASHINGTON ST. F.B. 185.8 EL. 927.999

MARK	REVISIONS	APPR.	DATE
▲	area sewer laterals c.p.	KLM	4/6/86
▲	CHANGED LOT NUMBERS C.E.	KLM	7/1/85
▲	PHASED PLAN FOR CONSTRUCTION	KLM	7/1/85
▲	REVISIONS	APPR.	DATE

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY: *[Signature]* DATE: 4/2/86
 PRINCIPAL ENGINEER
 P.W. DEPARTMENT
 TRAFFIC DIVISION
 CHIEF PUB. WKS. ENGR. 12288

TRACT 10005
 SEWER PLAN & PROFILE
 DEGRAZIA ROAD

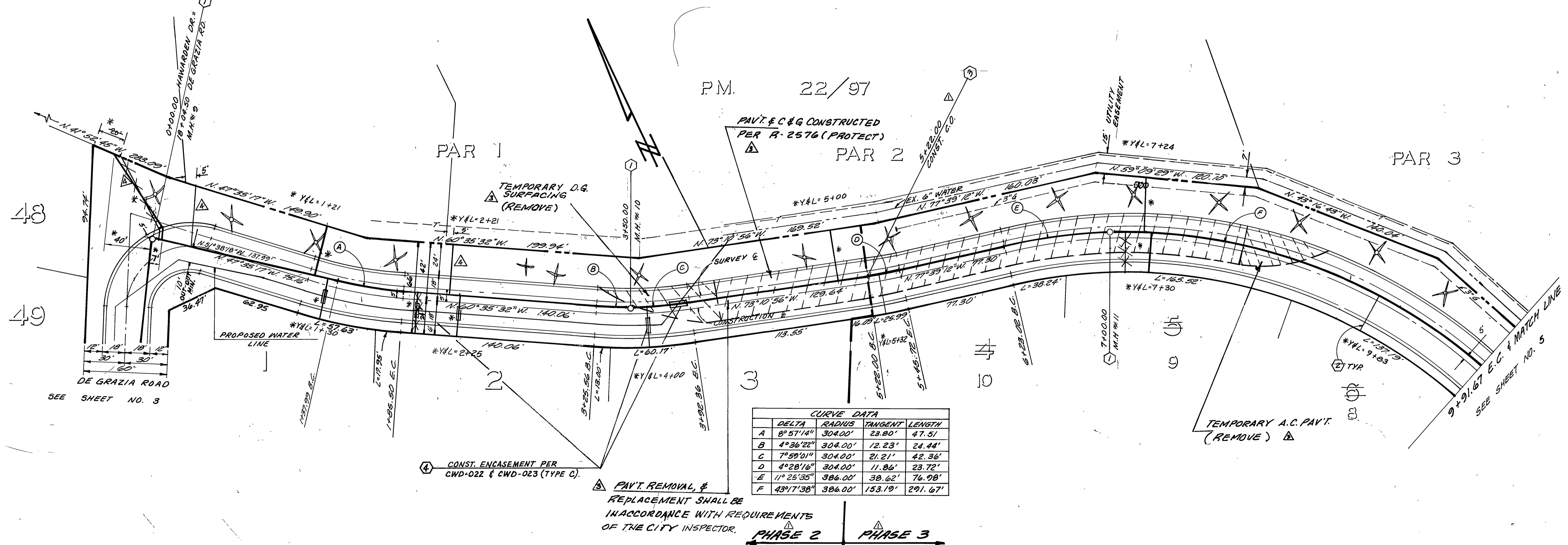
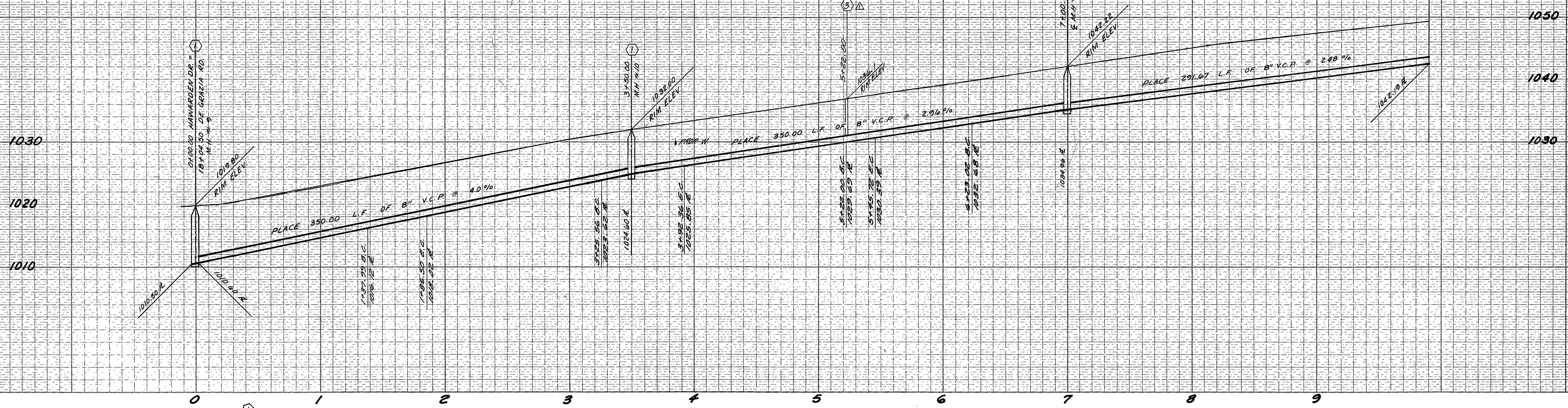
ACCOUNT No. 5-1288
 SHEET 3 OF 7
 FILE NO. 3187-A

SCALE: HORIZ. 1"=40' VERT. 1"=8'

CITY OF RIVERSIDE
 DOMESTIC SYSTEM S-20
 Fred Rant 11/21/81
 WATER SYSTEMS MANAGER DATE

* As built 11/86 7E

INDEXED - FILED 6-22-82



HAWKINS, ROBERTSON & ASSOC.
 ENGINEERS - SURVEYORS
 3756 ELIZABETH ST. RIVERSIDE, CALIF.
Del D. Reading 7-31-81
 R.C.E. 10255
BENCH MARK: PD BRASS DISC STAMPED
 (76-A) CAPAENS INT VICTORIA AVE &
 WASHINGTON ST. R.B. 135, 13 61.927, 999

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT
 APPROVED BY: *[Signature]*
 TRAFFIC DIVISION
 CHIEF PUB. WKS. ENGR. *[Signature]*
 DATE: 4/28/82

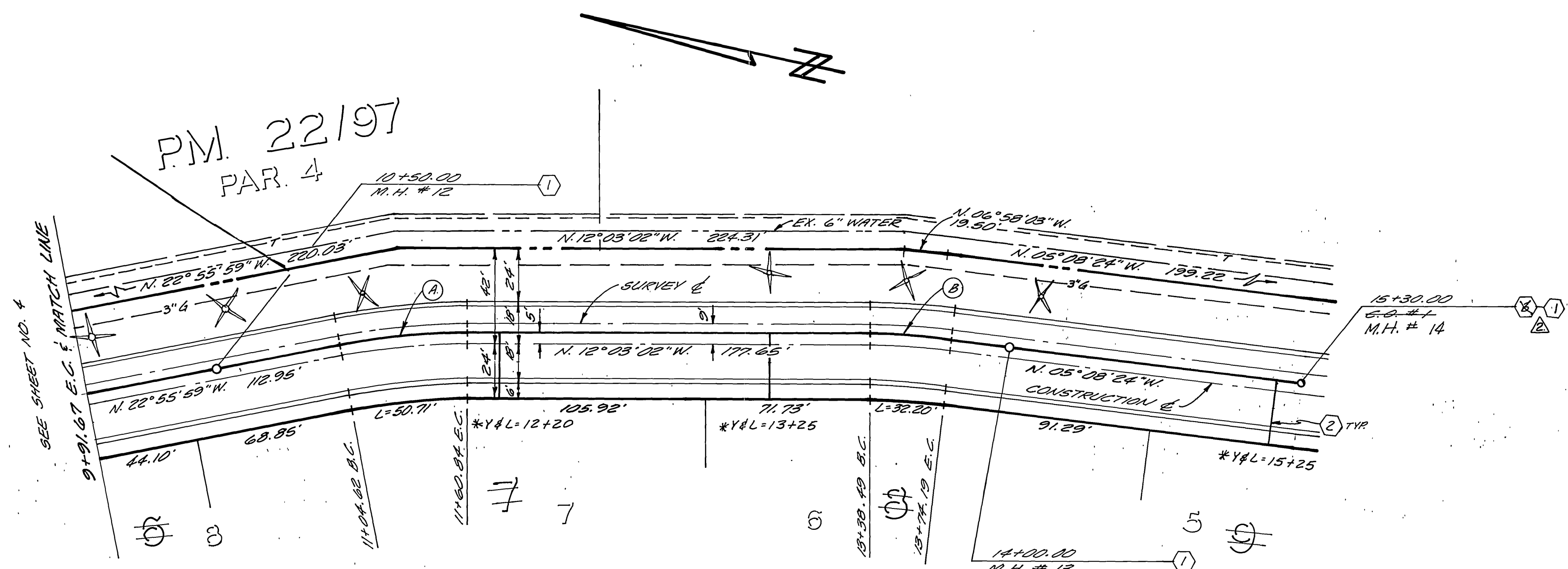
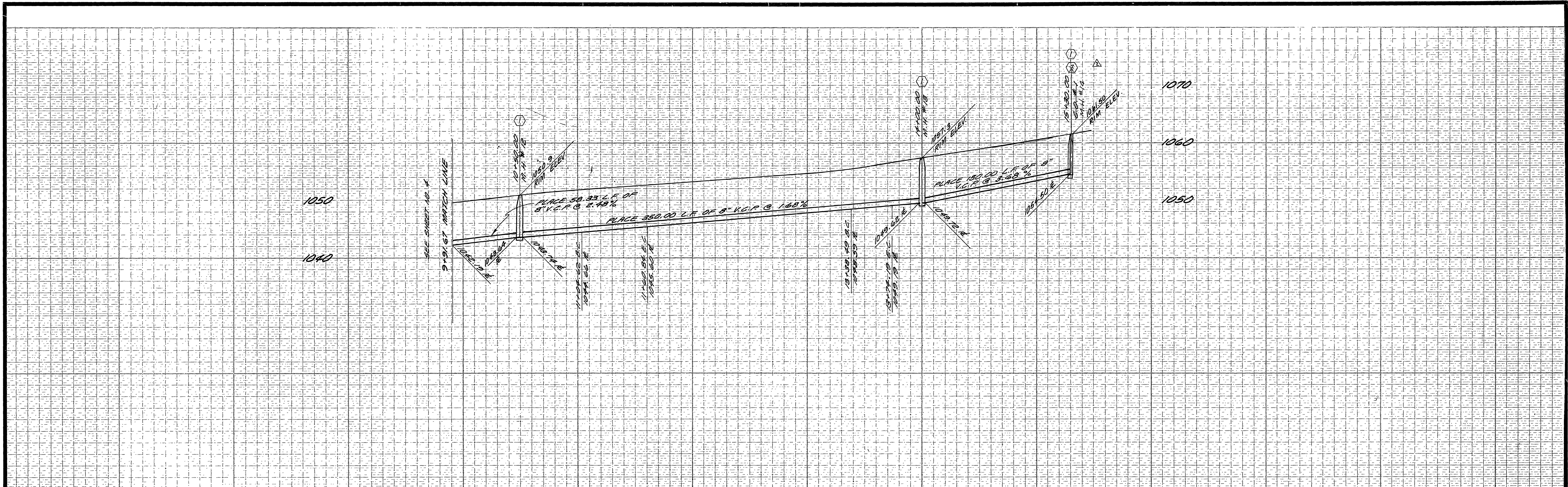
TRACT 10005
SEWER PLAN & PROFILE
HAWARDEN DRIVE
 ACCOUNT NO. _____
 DRAWING NUMBER **5-1288**
 SHEET **4** OF **7**
 FILE NO. 3187-A
 SCALE: HORIZ. 1"=40' VERT. 1"=5'

CITY OF RIVERSIDE
 DOMESTIC SYSTEM
Fred Lantz
 WATER SYSTEMS MANAGER
 DATE: 1/13/81

MARK	REVISIONS	APPR.	DATE
ADD	ADDED SEWER LATERALS	W.M.	2/4/81
ADD	ADDED NOTES	W.M.	4/10/81
CHG	CHANGED LOT NUMBERS	W.M.	7/19/81
PH	PHASED PLAN FOR CONSTRUCTION	W.M.	6-23-82

*As built 11/86 TE

INDEXED - FRED 6-22-82



SEWER CURVE DATA

A $D=10^{\circ}52'57''$ $R=296.00'$ $T=29.20'$ $L=56.22'$

B $D=06^{\circ}54'37''$ $R=296.00'$ $T=17.87'$ $L=35.70'$

PHASE 3

CITY OF RIVERSIDE
WATER SYSTEMS MANAGER
DATE 1/31/81

HAWKINS, ROBERTSON & ASSOC.
ENGINEERS - SURVEYORS
3756 ELIZABETH ST. RIVERSIDE, CALIF.
Dale H. Dooling 7-31-81
R.C.E. 1/16/85
BENCH MARK: PD. BRASS DISC STAMPED
(76-4) CHANGED TO INT. VICTORIA AVE. &
WASHINGTON ST. F.B. 13515 EL. 327.999

REVISIONS
DESIGNED BY D.G.C. DRAWN BY R.U.R. CHECKED BY R.C.E.

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY	BY	DATE	APPROVED BY
PRINCIPAL ENGINEER		7/14/85	
PARK DEPARTMENT		7/18/85	
TRAFFIC DIVISION		6/29/85	
CHIEF PUB. WKS. ENGR.			

TRACT 10005
SEWER PLAN & PROFILE
HAWARDEN DRIVE

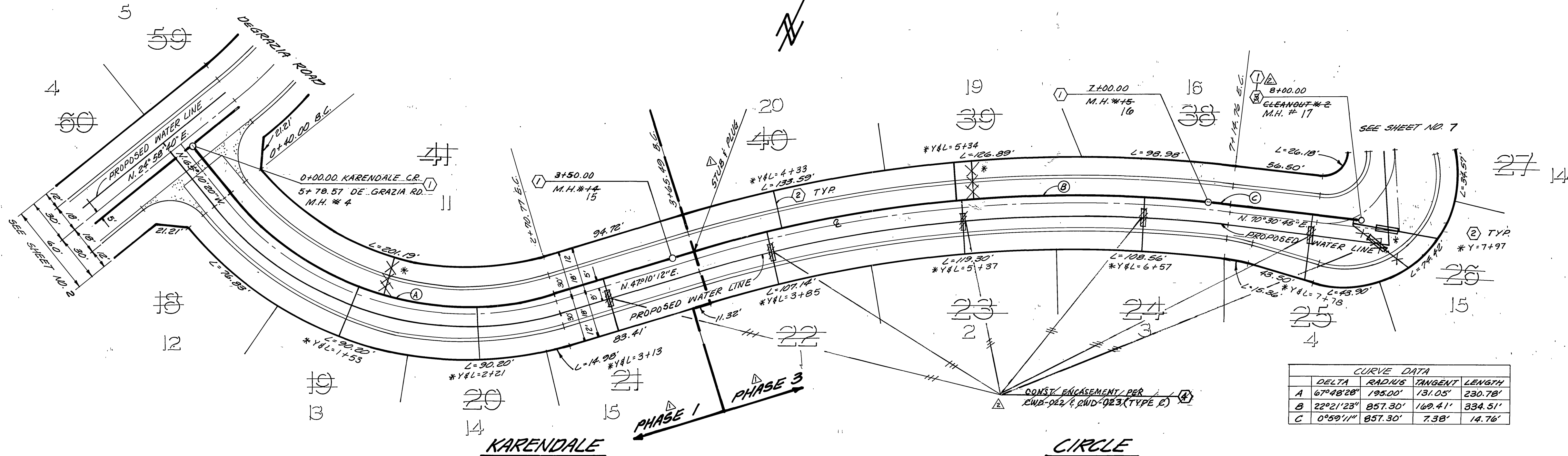
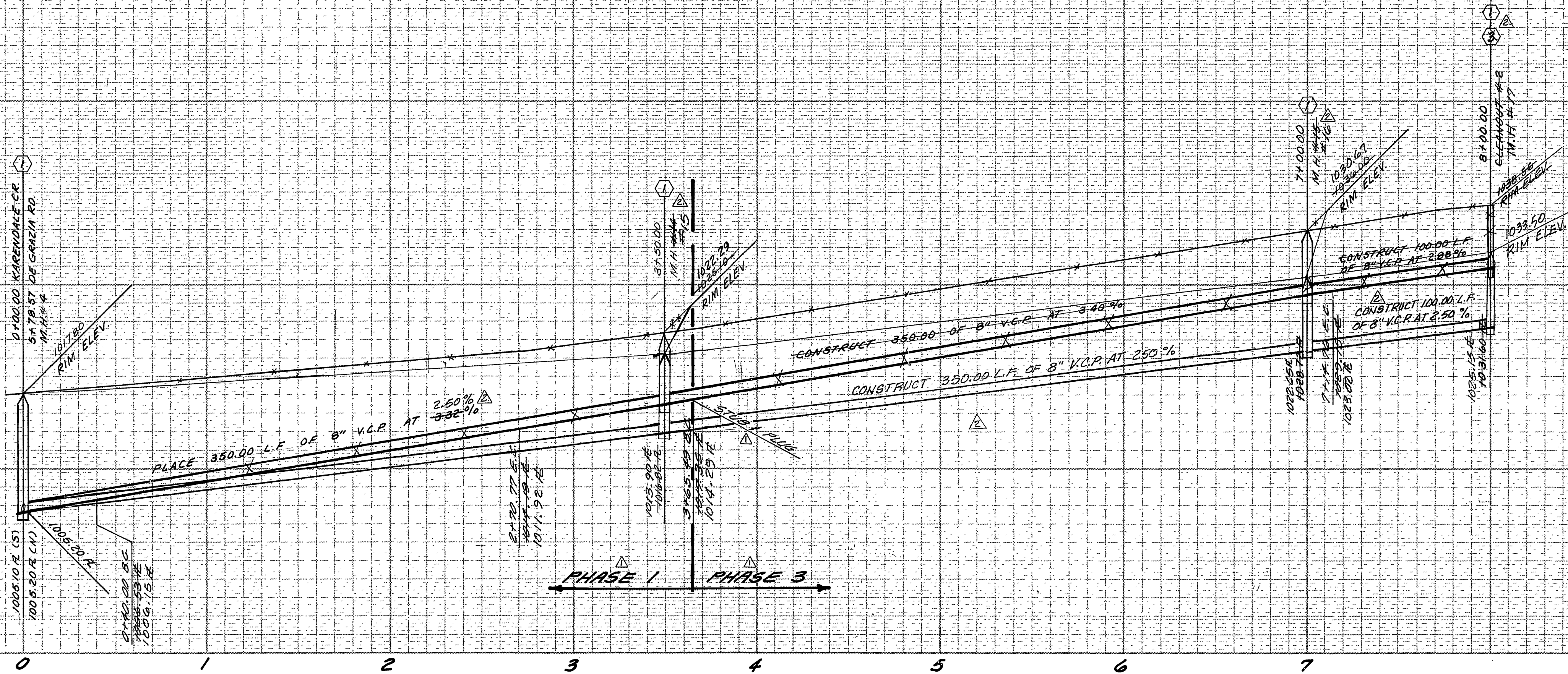
SCALE: HORIZ: 1"=40' VERT: 1"=5'

INDEXED - FRED 6-22-82

ACCOUNT NO.
DRAWING NUMBER
5-1288
SHEET **5** OF **7**
FILE NO. 3157-A

1040
1030
1020
1010

1040
1030
1020
1010



CURVE DATA			
DELTA	RADIUS	TANGENT	LENGTH
A 67°48'28"	195.00'	131.05'	230.78'
B 22°21'23"	857.30'	169.41'	334.51'
C 0°59'11"	857.30'	7.38'	14.76'

CITY OF RIVERSIDE
DOMESTIC SYSTEM
Fred Lent
WATER SYSTEMS MANAGER

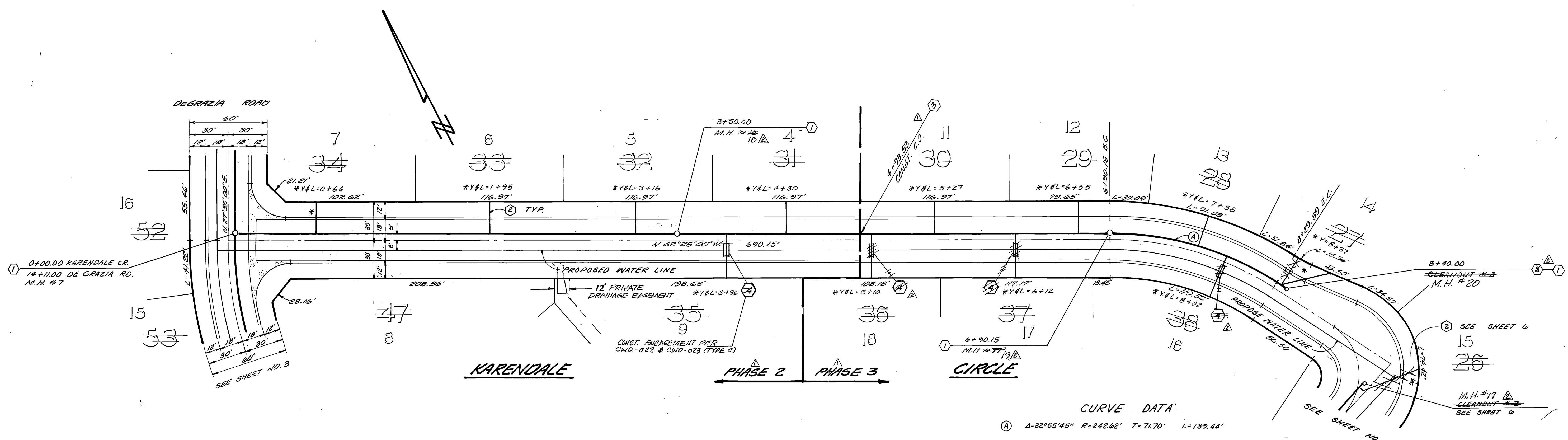
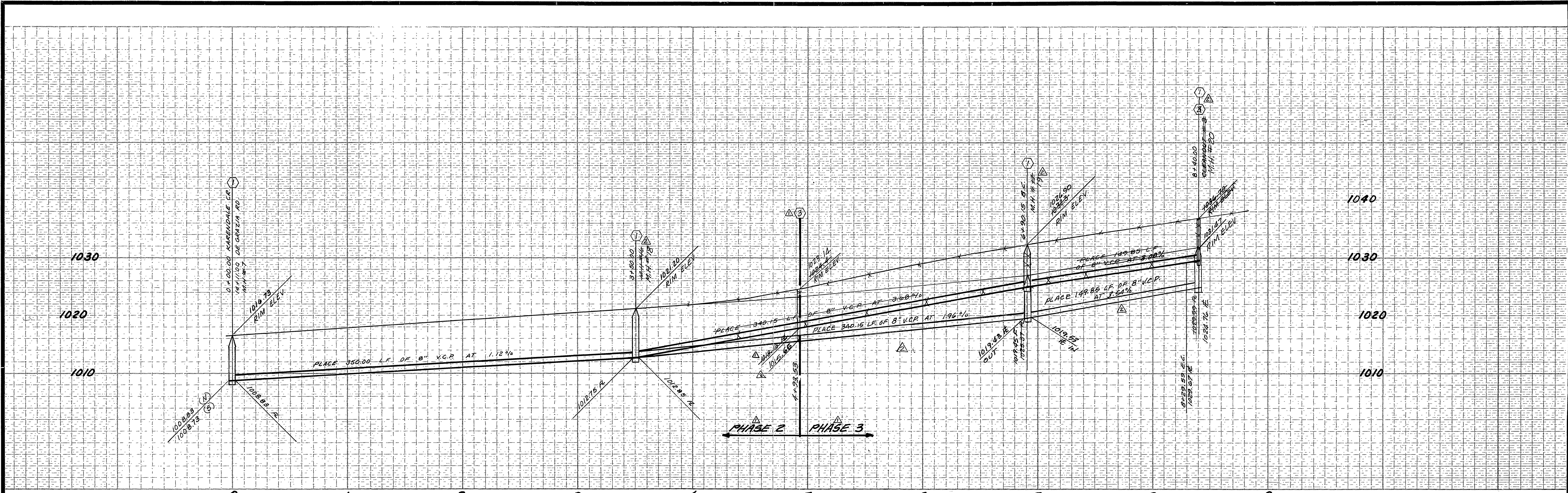
HAWKINS, ROBERTSON & ASSOC.
ENGINEERS - SURVEYORS
3756 ELIZABETH ST. RIVERSIDE, CALIF.
PH. 684-7952
Date: Dale J. Gledhill 7-31-91
R.G.E. 17055
BENCH MARK: RD. SURVEY DISC. SIGNMADE
(57.4') CORNER @ NUT WATERSHA RISE &
WASHINGTON ST. F.B. 755/3 EL. 927.999

MARK	REVISIONS	APPR.	DATE
Δ	REVISED LOT NUMBERS, PLOD	WML	7/1/91
Δ	REMOVED ENCASEMENT, 7-5-91	WML	7/1/91
Δ	REVISED SEWERLINE GRADES, PLOD	WML	7/1/91
Δ	PHASED PLAN FOR CONSTRUCTION	WML	6/27/91

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT
APPROVED BY: [Signature]
PRINCIPAL ENGINEER
PARK DEPARTMENT
TRAFFIC DIVISION
CHIEF PUB. WKS. ENGR.
DATE: 7/25/91

As built - 11/86 T&E
INDEXED - FRED 6-22-92
TRACT 10005
SEWER PLAN & PROFILE
KARENDALE CIRCLE
SCALE: HORIZ. 1" = 40' VERT. 1" = 8'

ACCOUNT NO.
DRAWING NUMBER
5-1288
SHEET 6 OF 7
FILE NO. 3197-A



CURVE DATA
 (A) $\Delta=32^{\circ}55'45''$ $R=242.62'$ $T=71.70'$ $L=139.44'$

CITY OF RIVERSIDE
 DOMESTIC SYSTEM
 Fred Lentz
 WATER SYSTEMS MANAGER
 11/23/81
 DATE

HAWKINS, ROBERTSON & ASSOC.
 ENGINEERS - SURVEYORS
 3758 ELIZABETH ST. RIVERSIDE, CALIF.
 92504
 Dale J. Gladning
 P.C.E. TRUSS
 7-31-81
 DATE
 BENCH MARK: 22 WOODS DRIVE, STAMPED
 (C&G) CORNER 3 INT. 10270424 NAVE &
 WASHINGTON ST. F.B. 256/3 S.L. 327.393

DESIGNED BY D.G.C. DRAWN BY R.U.R. CHECKED BY P.F.P.

CITY OF RIVERSIDE, CALIFORNIA
 PUBLIC WORKS DEPARTMENT
 APPROVED BY: [Signature]
 PRINCIPAL ENGINEER
 PARK DEPARTMENT
 TRAFFIC DIVISION
 CHIEF PUB. WKS. ENGR.
 DATE: 4/28/81

TRACT 10006
 SEWER PLAN & PROFILE
 KARENDALE CIRCLE
 SCALE: HORIZ. 1"=40' VERT. 1"=8'

INDEXED - FRED G-22-82
 ACCOUNT NO.
 DRAWING NUMBER
 5-1288
 SHEET 7 OF 7
 FILE NO. 3137-A