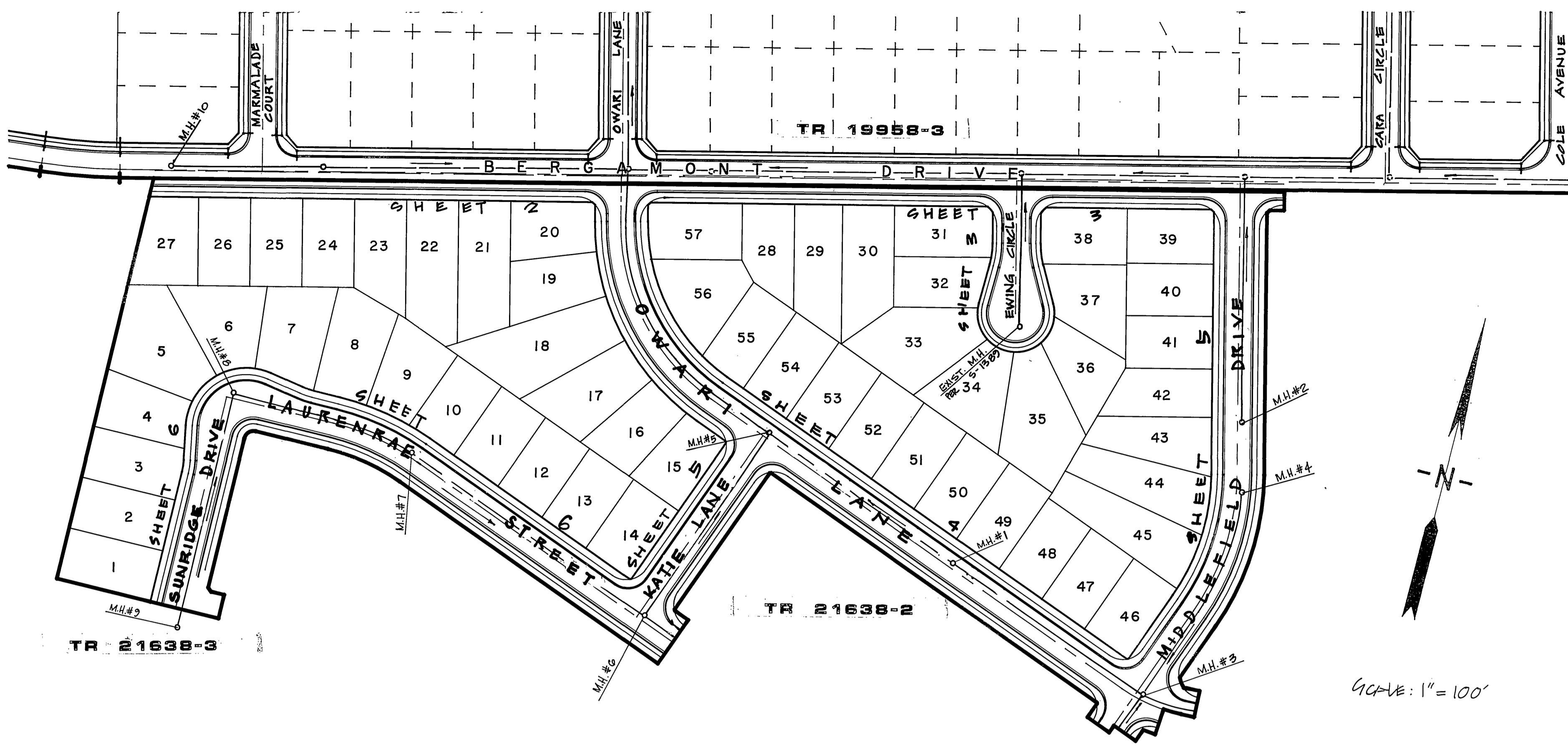
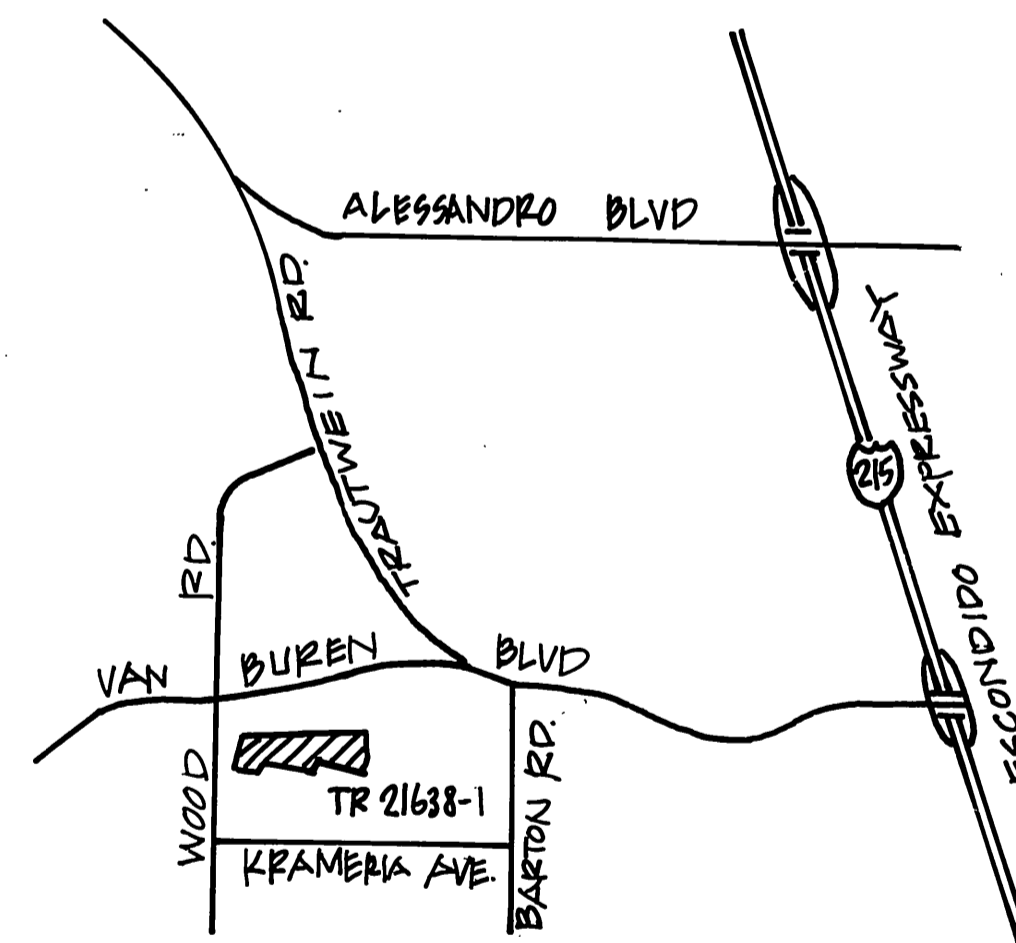


GENERAL NOTES

1. The private engineer signing these plans is responsible for the accuracy and acceptability of the work hereon. In the event of discrepancies arising during construction the private engineer signing the plans shall be responsible for determining an acceptable solution and revising the plans for approval by the city.
2. 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.
3. 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.
4. Location of laterals to be determined in the field at the direction of the owner. Avoid conflict with proposed and/or existing facilities.
5. Contractor is to verify existing sewer elevation prior to construction.
6. The sewer contractor shall adjust manholes to final grade after paving is completed.
7. No finished floor elevation shall be less than 4' above the sewer flow line at the point of connection without having a proper backwater valve installed in the lateral.
8. A plug wall 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 of Riverside.
9. All manholes to be Riverside City Std. No. 500.
10. All flagged elevations shall be staked in the field by private engineer.
11. 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.
12. 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.



INDEX MAP



VICINITY MAP

~ NO 405VE

CONSTRUCTION NOTES

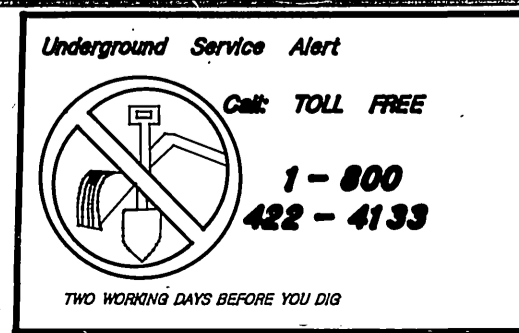
1. CONSTRUCT MANHOLE PER CITY STANDARD DRAWING NO. 500 _____ 10 EA.
2. CONSTRUCT 8" VCP SEWER MAIN _____ 3,067 LF
3. CONSTRUCT 4" VCP LATERAL TO PROPERTY LINE PER CITY STANDARD DRAWING NO. 562 _____ 2,584 L.F.
4. ENCASE SEWER MAIN AND SEWER LATERALS PER C.W.D. - 022 & C.W.D. - 023. _____

PRIVATE ENGINEERING NOTE
(NOT REQUIRED BY GOVERNING AGENCY)

CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND CONSTRUCTION CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF DESIGN PROFESSIONAL.



WESTERN MUNICIPAL WATER DISTRICT
Reviewed By: *[Signature]* Date: 4.17.87



PREPARED UNDER THE DIRECTION OF:
[Signature]
REGISTERED CIVIL ENGINEER NO. 17550
EXPIRATION DATE 6-30-89 DATE: 10/31/87

J F DAVIDSON ASSOCIATES, INC.
CIVIL ENGINEERS • SURVEYORS • PLANNERS
P.O. BOX 493 11200 SO. MT. VERNON AVE., #D 73-080 EL PASO, #103
RIVERSIDE, CA 92502 COLTON, CA 92324 PALM DESERT, CA 92260
(714) 686-0844 (714) 825-1082 (619) 346-5691

SCALE: 1" = 40'
DATE: OCT. '86
BENCH MARK: V.B. 10-64 ELEV. 1700.670
BRASS DISK FLUSH & MARKED V.B. 10-64, 0.6 M.I. E ON VAN BUREN BLVD FROM 4 INT. OF VAN BUREN & WOOD RD. 205' N. OF VAN BUREN @ THE N.E. SIDE OF GRANITE BOULDER ON TOP OF 3'x15'x18' BOULDER.

MARK	REVISIONS	APPR.	DATE

DESIGNED BY: GJC DRAWN BY: RMD CHECKED BY: J.C.

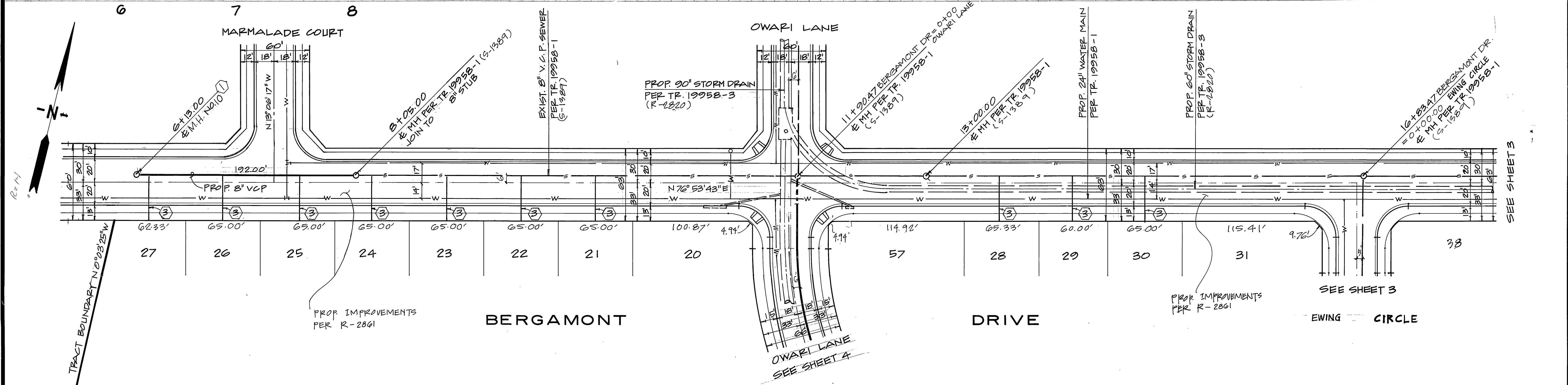
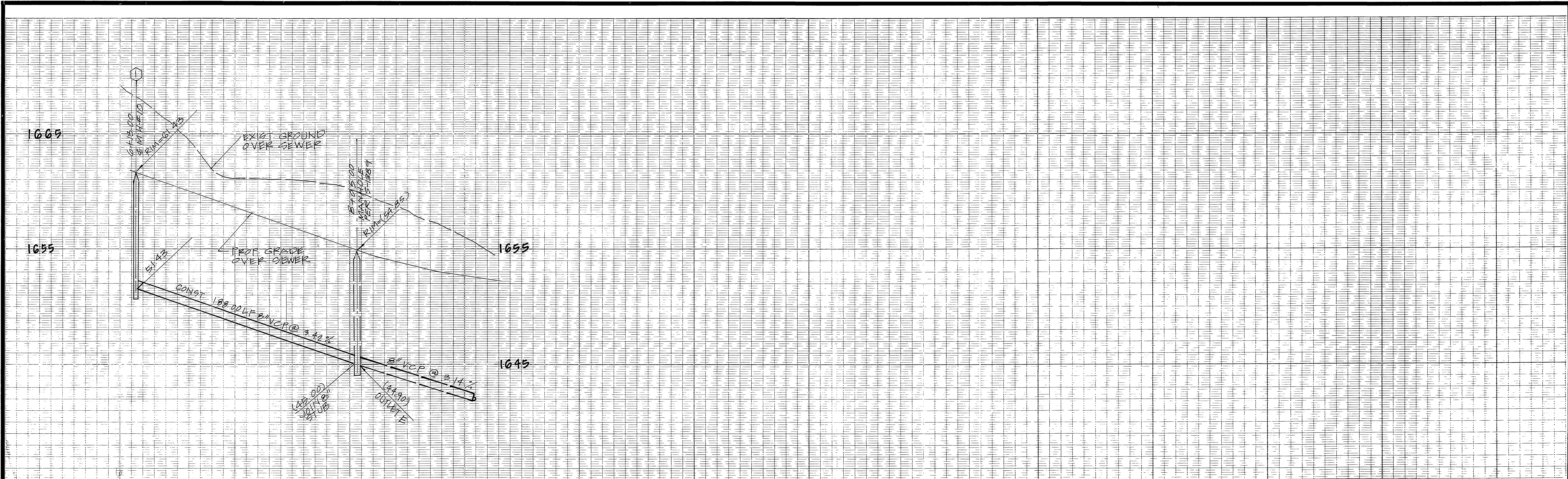
CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER	<i>[Signature]</i>	5-13-87
PARK DEPARTMENT		
TRAFFIC DIVISION		
CHIEF P. W. ENGR.		

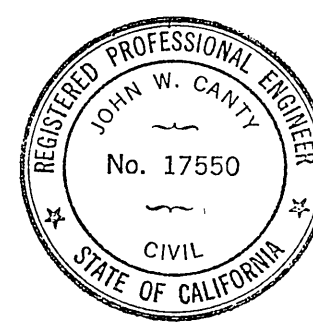
TITLE SHEET
SEWER PLAN
TR NO. 21638-1

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

INDEX/CD
PROJECT NO. **S-1454**
SHEET **1** OF **6**
FILE NO.



NOTE: FOR CONSTRUCTION NOTE & GENERAL NOTE, SEE SHT. NO. 1



PREPARED UNDER THE DIRECTION OF:
John W. Canty
 REGISTERED CIVIL ENGINEER NO. 17550
 EXPIRATION DATE JUNE 30, 1982 DATE: 10/2/1987
 APPROVED BY:

J F DAVIDSON ASSOCIATES, INC.
 CIVIL ENGINEERS • SURVEYORS • PLANNERS
 P.O. BOX 493 11200 SO. MT. VERNON AVE., #D 73-080 EL PASO, #103
 RIVERSIDE, CA 92502 COLTON, CA 92324 PALM DESERT, CA 92260
 (714) 686-0844 (714) 825-1082 (619) 346-5591
 SCALE: HORIZ. 1" = 40' VERT. 1" = 4'
 DATE OCT. 1986
 BENCH MARK: V.B. 10-64 ELEV. 1700.670
 BRASS DISK FLUSH & MARKED VS 1064.05 N.E. ON VAN BUREN BLVD. FROM 1 INT. OF VAN BUREN & WOOD RD. 205' N OF VAN BUREN & THE N.E. SIDE OF GRANITE BOULDERS ON TOP OF 3'x18"x18" BOULDER.



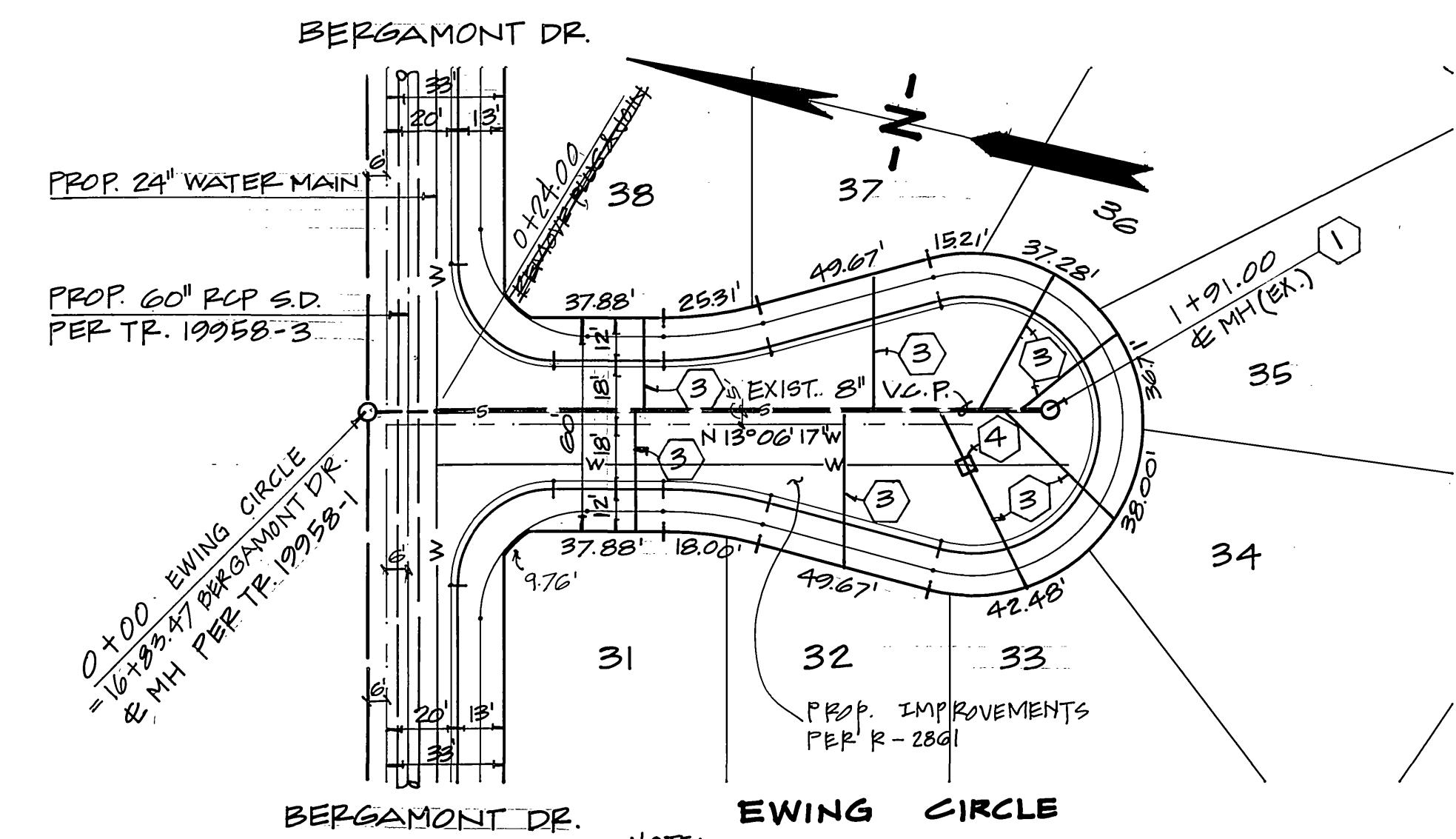
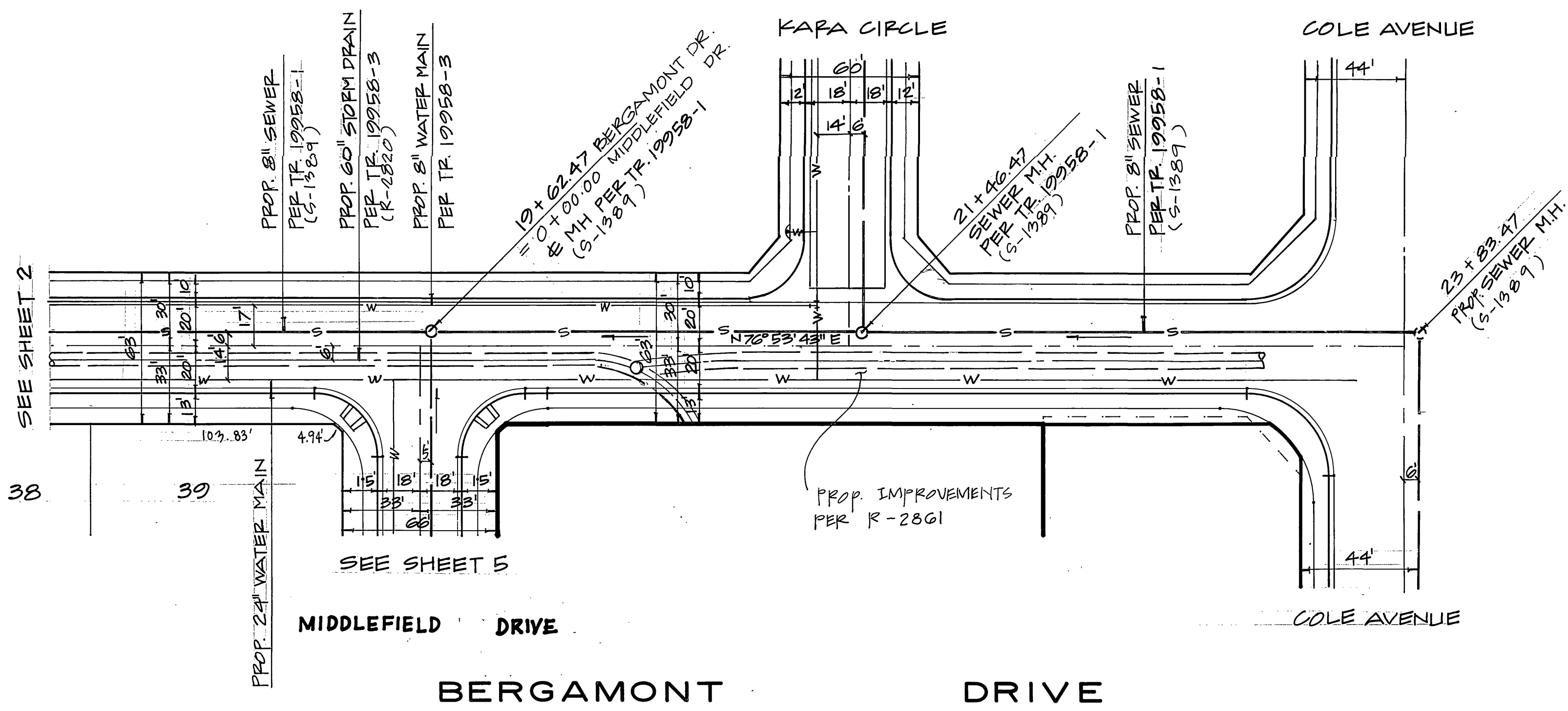
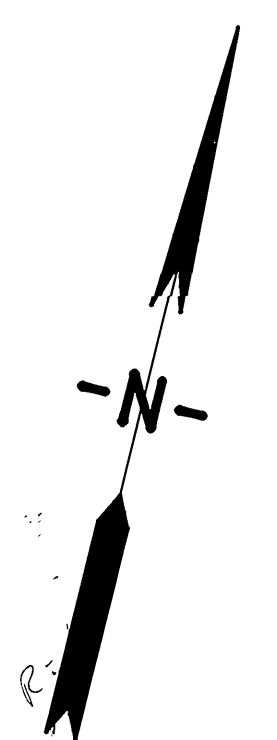
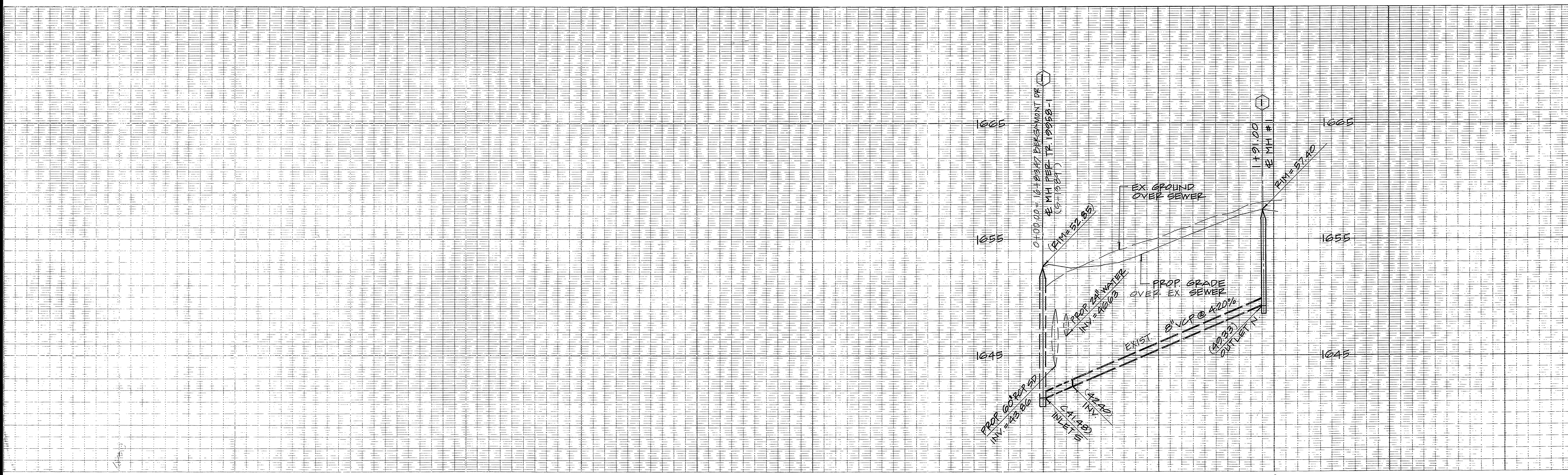
MARK	REVISIONS	APPR.	DATE

DESIGNED BY: *OKC* DRAWN BY: *KC* CHECKED BY: *J.C.*

CITY OF RIVERSIDE, CALIFORNIA
 DEPARTMENT OF PUBLIC WORKS
 APPROVED BY: _____ BY: _____ DATE: _____
 PRINCIPAL ENGINEER
 PARK DEPARTMENT
 TRAFFIC DIVISION
 CHIEF P. W. ENGR.
 APPROVED BY: *William S. Hansen*
 DIRECTOR OF PUBLIC WORKS
 DATE 5-13-87

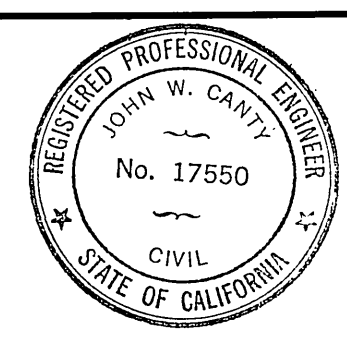
TRACT NO. 21638-1
 SEWER PLAN & PROFILE
 BERGAMONT DRIVE
 HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 4'

INDEX/CD
 PROJECT NO. S-1454
 SHEET 2 OF 6
 FILE NO.



NOTE:
SEWER CONSTRUCTED PER
TRACT 19958-1 PLAN NO. 5-1389

NOTE: FOR CONSTRUCTION NOTE &
GENERAL NOTE, SEE SHT. NO. 1



PREPARED UNDER THE DIRECTION OF:
John W. Carney
REGISTERED CIVIL ENGINEER NO. 17550
EXPIRATION DATE JUNE 30, 1989 DATE: 10/31/87
APPROVED BY:

J F DAVIDSON ASSOCIATES, INC.
CIVIL ENGINEERS • SURVEYORS • PLANNERS
P.O. BOX 493 11200 SO. MT. VERNON AVE., #D 73-080 EL PASO, #103
RIVERSIDE, CA 92502 COLTON, CA 92324 PALM DESERT, CA 92260
(714) 686-0844 (714) 825-1082 (619) 346-5691
SCALE
HORIZ. 1" = 40'
VERT. 1" = 4'
DATE OCT. 1986
BENCH MARK: V.B. 10-64 ELEV. 1700.670
BRASS DISK FLUSH & MARKED VB 1064, 0.6 MI. E ON
VAN BUREN BLVD. FROM INT. OF VAN BUREN & WOOD RD.
205' N OF VAN BUREN @ THE N.E. SIDE OF GRANITE BOULDERS,
ON TOP OF 3' x 15' x 18' BOULDER.



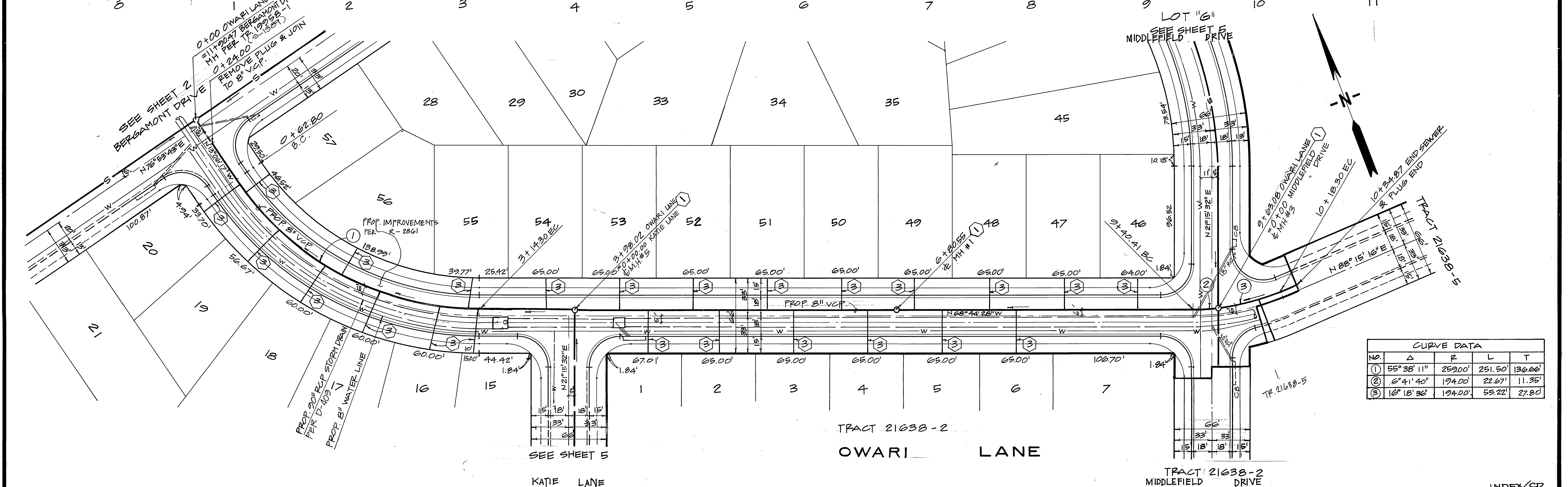
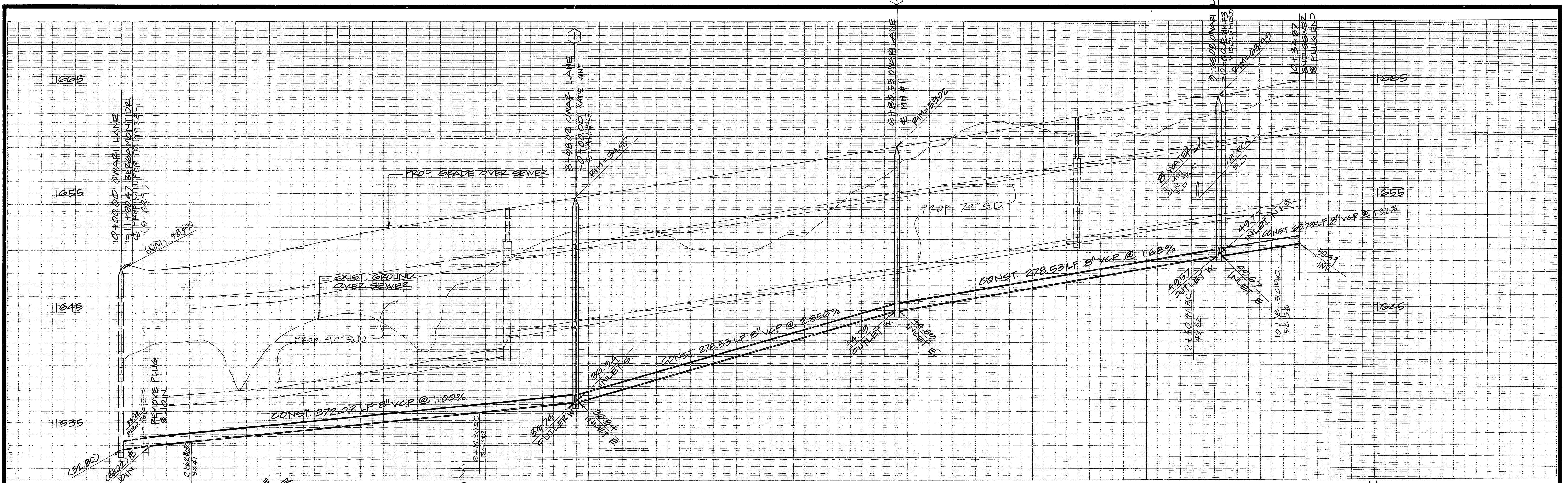
MARK	REVISIONS	APPR.	DATE

DESIGNED BY: *ELC* DRAWN BY: *ELC* CHECKED BY: *J.C.*

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
APPROVED BY: _____ BY: _____ DATE: _____
PRINCIPAL ENGINEER
PARK DEPARTMENT
TRAFFIC DIVISION
CHIEF P. W. ENGR. *W. J. B.* DATE: 5-13-87

TRACT NO. 21638-1
SEWER PLAN & PROFILE
BERGAMONT DRIVE
EWING CIRCLE (EXISTING)
HORIZ. SCALE: 1" = 40'
VERT. SCALE: 1" = 4'

INDEX/CD
PROJECT NO. **S-1454**
SHEET **3** OF **6**
FILE NO.



CURVE DATA				
NO.	Δ	R	L	T
①	55° 38' 11"	259.00'	251.50'	136.66'
②	6° 41' 40"	194.00'	22.67'	11.35'
③	16° 18' 36"	194.00'	55.22'	27.80'

NOTE: FOR CONSTRUCTION NOTE & GENERAL NOTE, SEE SHT. NO. 1

REGISTERED PROFESSIONAL ENGINEER
JOHN W. CANTY
No. 17550
CIVIL
STATE OF CALIFORNIA

PREPARED UNDER THE DIRECTION OF:
John W. Canty
REGISTERED CIVIL ENGINEER NO. 17550
EXPIRATION DATE: JUNE 30, 1989 DATE: 10/2/88
APPROVED BY:

J F DAVIDSON ASSOCIATES, INC.
CIVIL ENGINEERS • SURVEYORS • PLANNERS

P.O. BOX 493 11200 SO. MT. VERNON AVE., #D 73-080 EL PASO, #103
RIVERSIDE, CA 92502 COLTON, CA 92324 PALM DESERT, CA 92260
(714) 686-0844 (714) 825-1082 (619) 346-5691

SCALE: HORIZ. 1"=40' DATE: OCT. 1988
VERT. 1"=4'

BENCH MARK: V.B. 10-64 ELEV. 1700.670
BRASS DISK FLUSH & MARKED VS 1088.05 MI. E ON VAN BUREN BLVD. FROM E. INT. OF VAN BUREN & WOOD RD. 208' N OF VAN BUREN ON THE N.E. SIDE OF GRANITE BOULDER ON TOP OF 3'x15'x18' BOULDER.

JFD ASSOCIATES

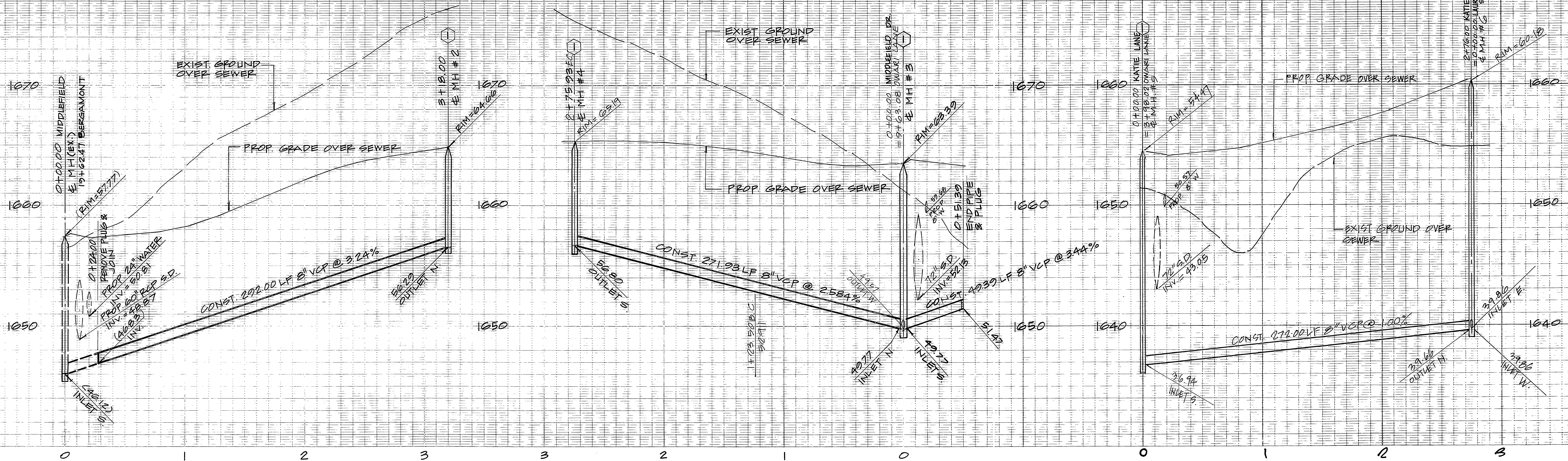
MARK REVISIONS APPR. DATE
DESIGNED BY: *OKC* DRAWN BY: *KC* CHECKED BY: *J.C.*

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY: *William J. Dardus*
PRINCIPAL ENGINEER
PARK DEPARTMENT
TRAFFIC DIVISION
CHIEF P. W. ENGR.
DATE: 5-13-87

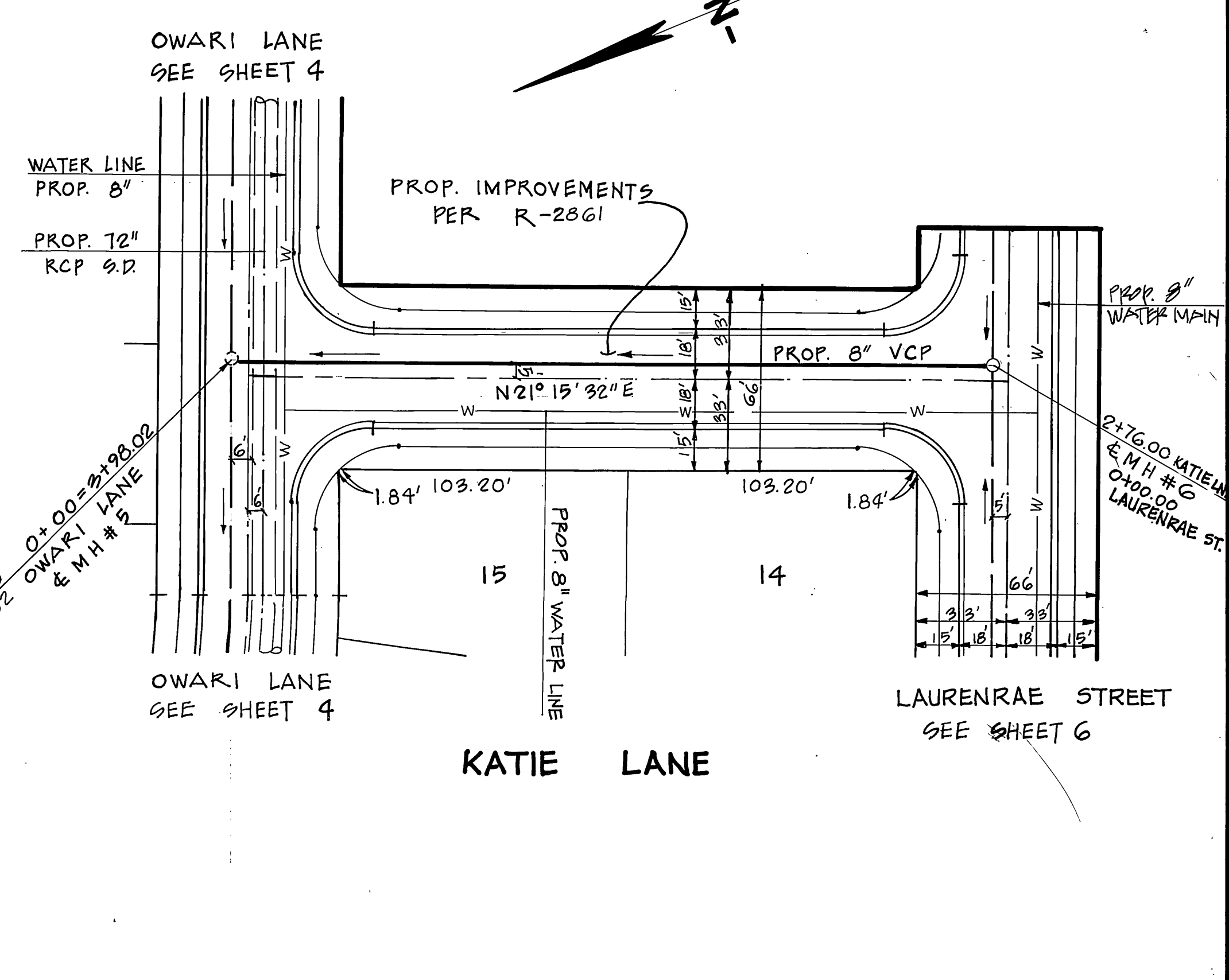
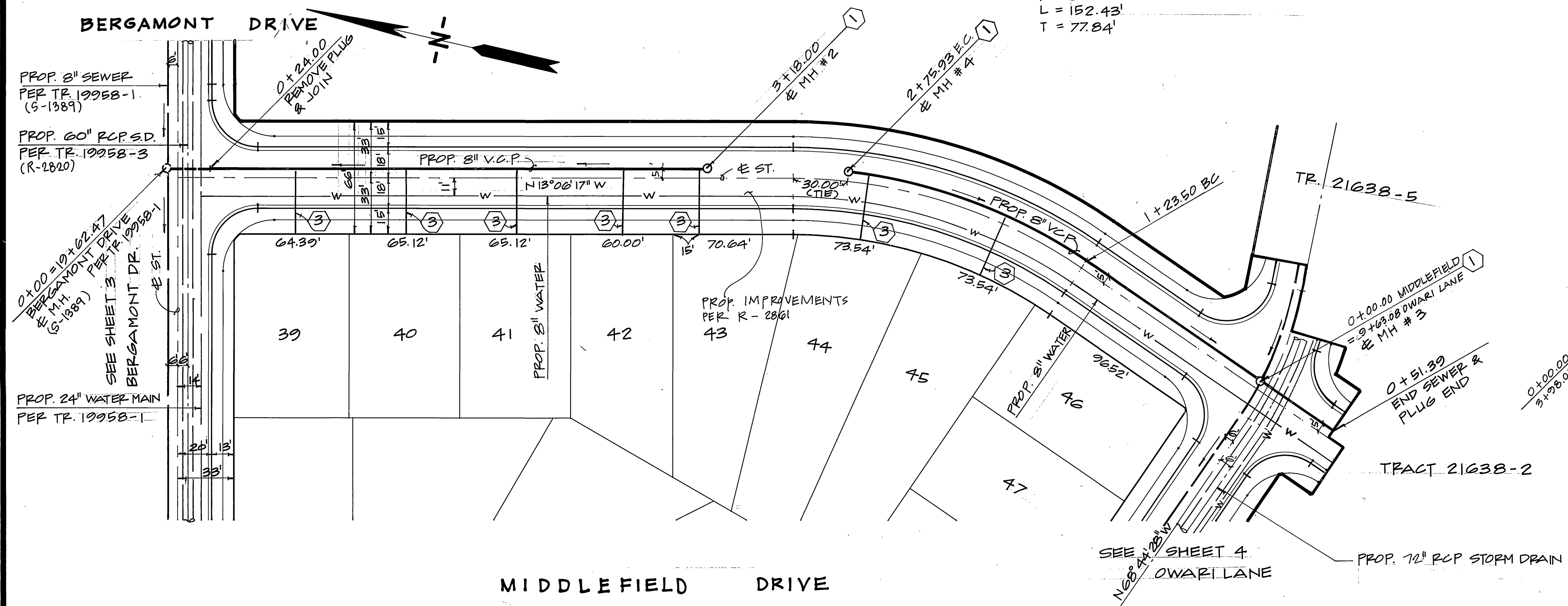
TRACT NO. 21638-1
SEWER PLAN & PROFILE
OWARI LANE
HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 4'

INDEX/CD PROJECT NO. **S-1454**
SHEET **4** OF **6**
FILE NO.



SEWER CURVE DATA

Δ = 28°38'02"
R = 305.00'
L = 152.43'
T = 77.84'



NOTE: FOR CONSTRUCTION NOTE & GENERAL NOTE, SEE SHT. NO. 1



PREPARED UNDER THE DIRECTION OF:
John W. Canby
 REGISTERED CIVIL ENGINEER NO. 17550
 EXPIRATION DATE: JUNE 30, 1989 DATE: 10/11/89
 APPROVED BY:

J F DAVIDSON ASSOCIATES, INC.
 CIVIL ENGINEERS • SURVEYORS • PLANNERS
 P.O. BOX 493 11200 SO. MT. VERNON AVE., #D 73-080 EL PASO, #103
 RIVERSIDE, CA 92502 COLTON, CA 92324 PALM DESERT, CA 92260
 (714) 686-0844 (714) 825-1082 (619) 346-5691
 SCALE: HORIZ. 1" = 40' VERT. 1" = 4'
 DATE: OCT. 1986
 BENCH-MARK: V.S. 10-64 ELEV. 1700.670
 BRASS DISK FLUSH & MARKED VS 1064, 0.6 MI. E ON VAN BUREN BLVD. FROM 1/4 INT. OF VAN BUREN & WOOD RD. 106' N OF VAN BUREN & 7TH NE. SIDE OF GRANITE BOULDERS, ON TOP OF 3' x 18' x 18' BOULDER.



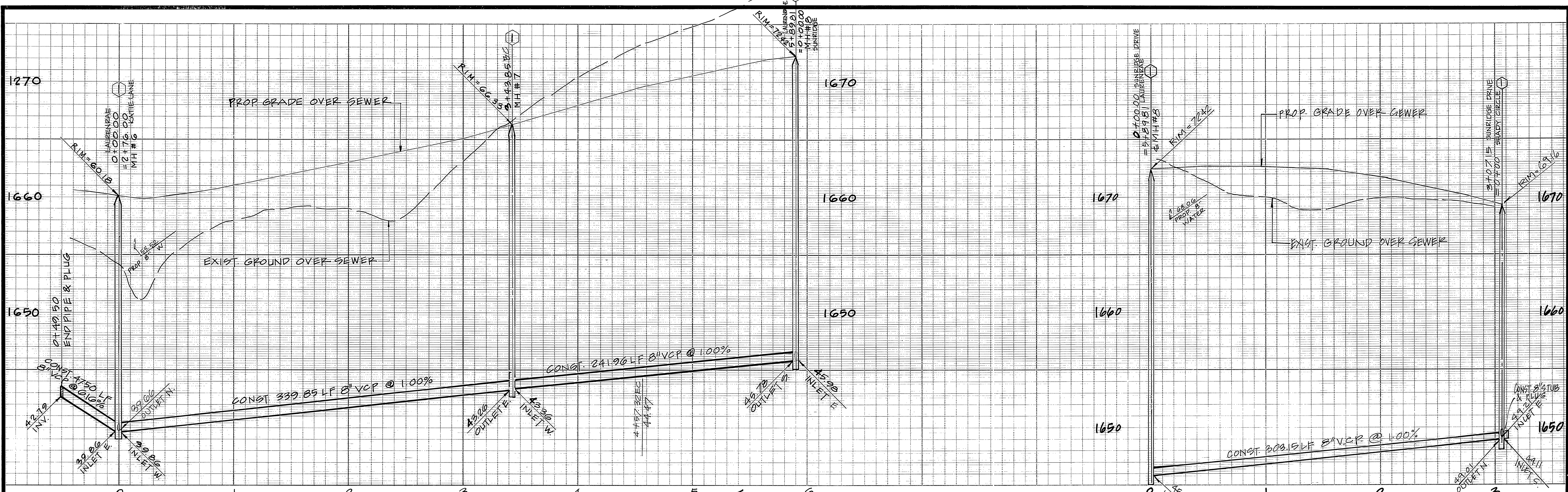
DESIGNED BY: <i>EKC</i>	DRAWN BY: <i>EC</i>	CHECKED BY: <i>J.C.</i>
REVISIONS:	APPR. DATE:	DATE:

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
 APPROVED BY: *William D. Gardner*
 DIRECTOR OF PUBLIC WORKS
 DATE: 5-13-87

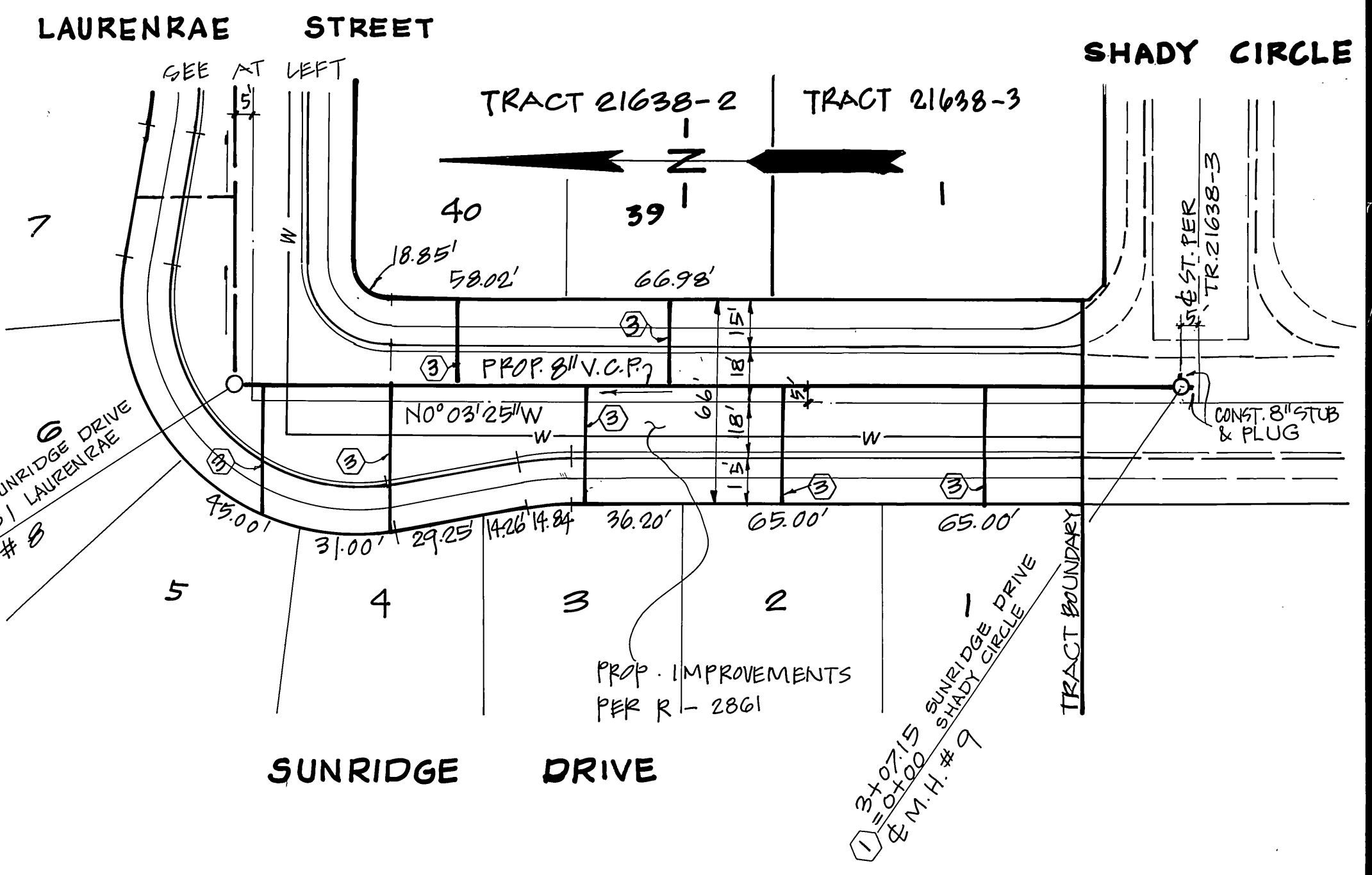
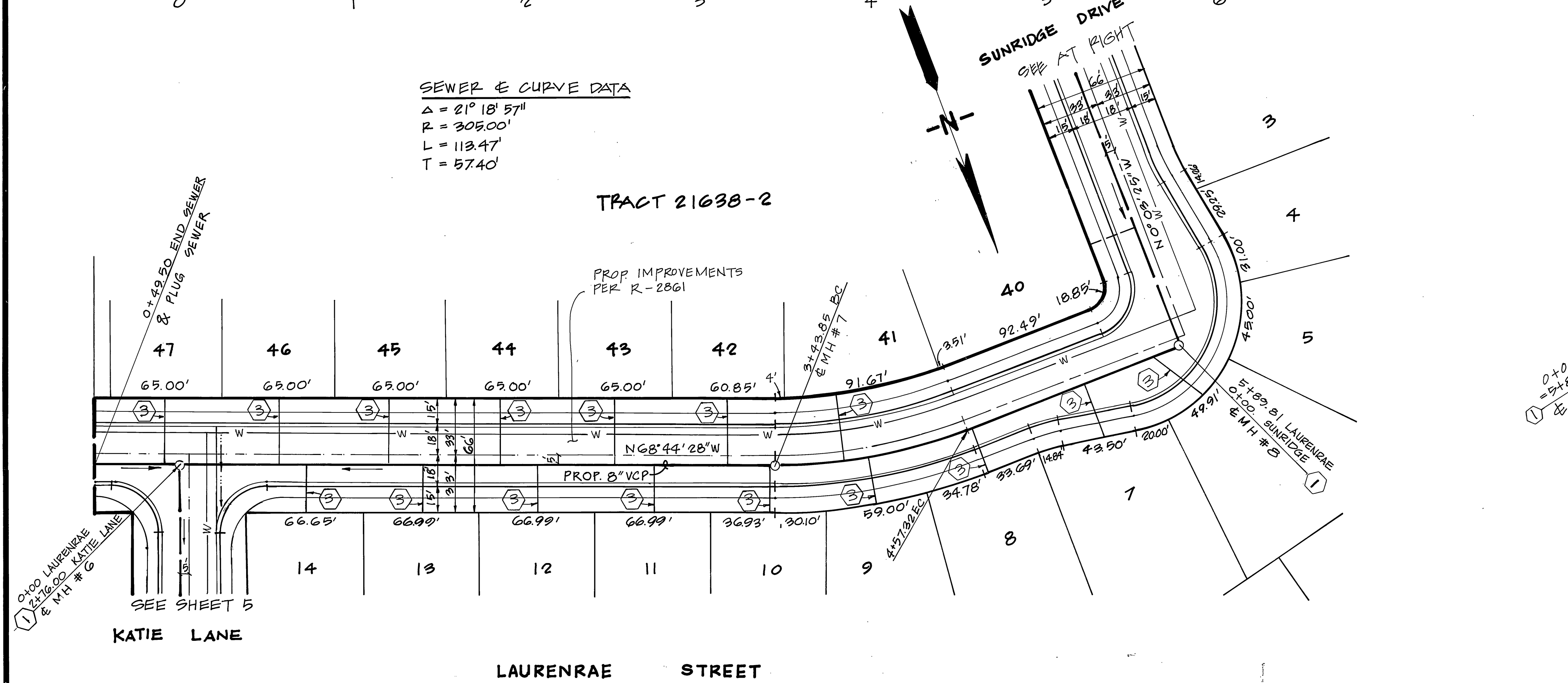
TRACT NO. 21638-1
SEWER PLAN & PROFILE
MIDDLEFIELD DRIVE
KATIE LANE

INDEX/CD
 PROJECT NO. **S-1454**
 SHEET **5** OF **6**
 FILE NO.

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



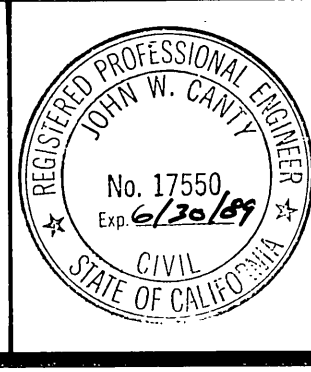
SEWER & CURVE DATA
 $\Delta = 21^\circ 18' 57''$
 $R = 305.00'$
 $L = 113.47'$
 $T = 57.40'$



NOTE: FOR CONSTRUCTION NOTE & GENERAL NOTE, SEE SHT. NO 1

Underground Service Alert
 Call: TOLL FREE
 1-800-422-4133
 TWO WORKING DAYS BEFORE YOU DIG

PRIVATE ENGINEERING NOTE
 CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS AND CONSTRUCTION CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF DESIGN PROFESSIONAL.



PREPARED UNDER THE DIRECTION OF:
J.F. Davidson
 REGISTERED CIVIL ENGINEER NO. 17550
 EXPIRATION DATE: JUNE 30, 1982 DATE: 4/17/82
 APPROVED BY:

J.F. DAVIDSON ASSOCIATES, INC.
 CIVIL ENGINEERS • SURVEYORS • PLANNERS
 P.O. BOX 493 11200 SO. MT. VERNON AVE. #D 73-090 EL PASO, #103
 RIVERSIDE, CA 92502 COLTON, CA 92324 PALM DESERT, CA 92260
 (714) 686-0844 (714) 825-1082 (619) 346-5691
 BENCH MARK: V.B. 10-44 ELEV. 1700.670
 BRASS DISK FLUSH & MARKED VS 1000.05 MI. E ON VAN BUREN BLVD. FROM INT. OF VAN BUREN & WOOD RD. 205' N OF VAN BUREN @ THE N.E. SIDE OF GRANITE BOULDERS, ON TOP OF 3'x18'x18' BOULDER.

MARK	REVISIONS	APPR.	DATE

DESIGNED BY *GKC* DRAWN BY *KC* CHECKED BY *J.C.*

CITY OF RIVERSIDE, CALIFORNIA
 DEPARTMENT OF PUBLIC WORKS
 APPROVED BY: [Signature]
 PRINCIPAL ENGINEER
 PARK DEPARTMENT
 TRAFFIC DIVISION
 CHIEF P.W. ENGR.
 DATE: 5-13-87

TRACT NO. 21638-1
 SEWER PLAN & PROFILE
LAURENRAE STREET
SUNRIDGE DRIVE
 PROJECT NO. **S-1454**
 SHEET **6** OF **6**
 FILE NO.
 HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 4'