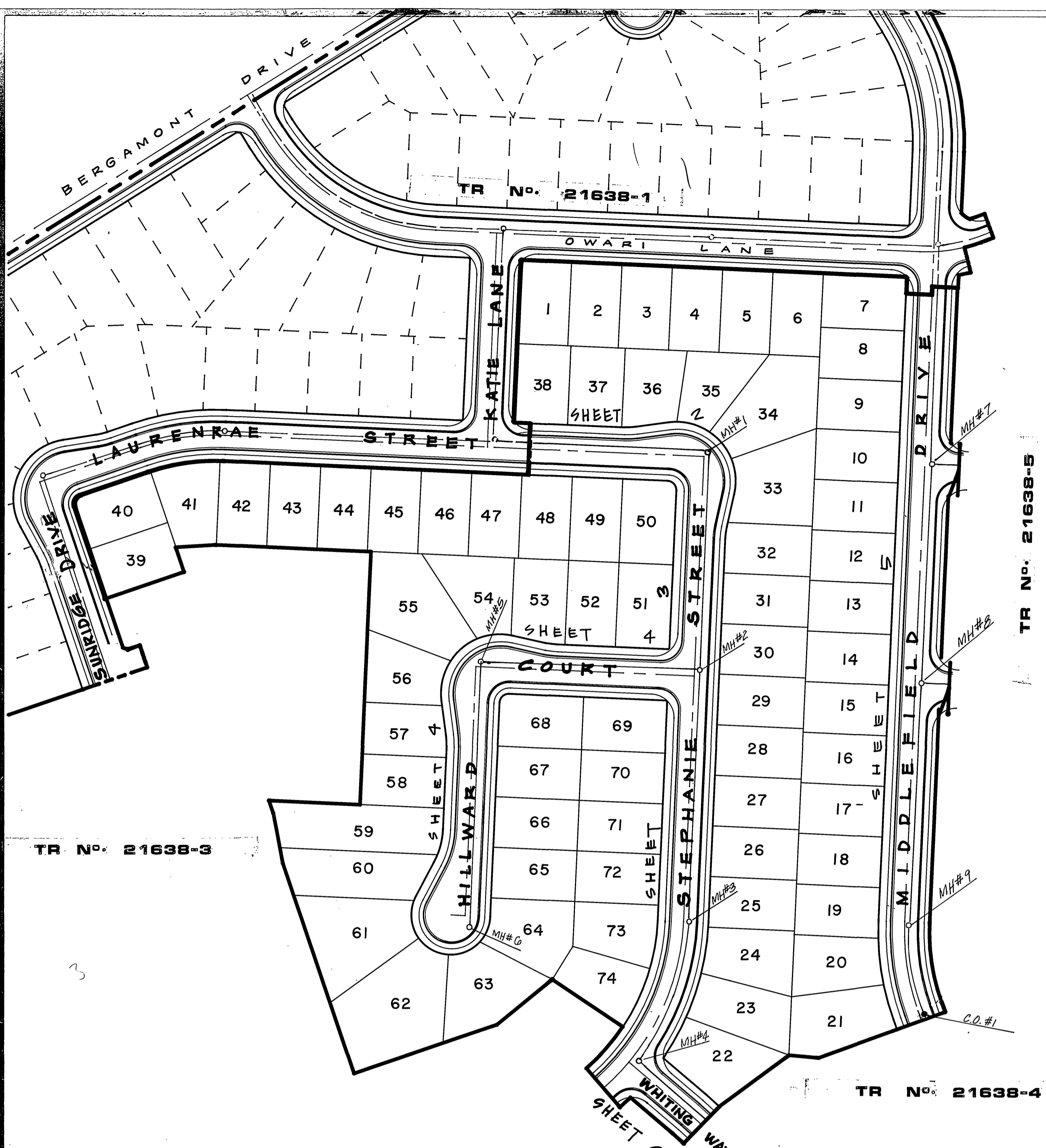
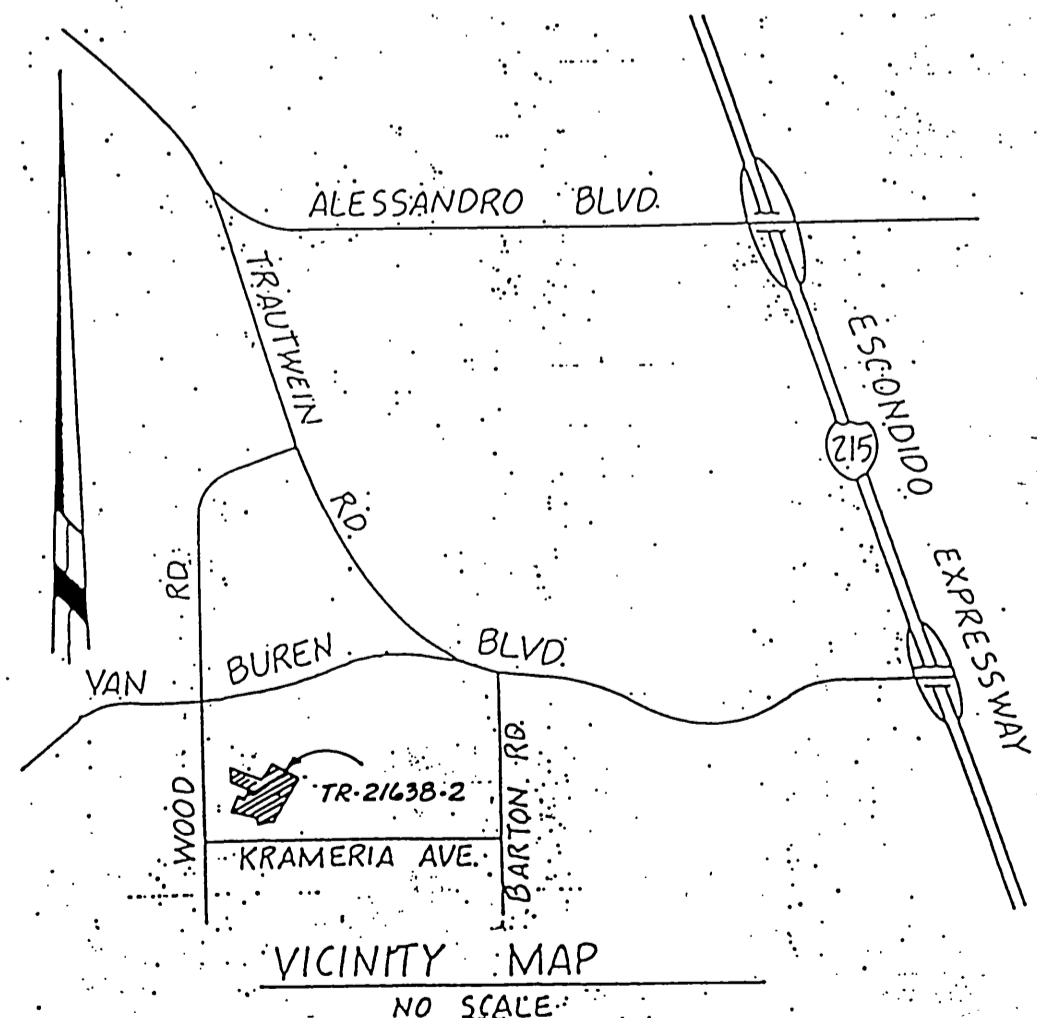


GENERAL NOTES

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.
13. FOR OWNER LATERALS TO LOTS 39-47. SEE C-1454 (TR. 21638-1)



INDEX MAP
SCALE: 1" = 100'



CONSTRUCTION NOTES

1. CONSTRUCT MANHOLE PER CITY STANDARD DRAWING NO. 500 _____ 13 EA.
2. CONSTRUCT 8" VCP SEWER MAIN _____ 2682 L.F.
3. CONSTRUCT 4" VCP LATERAL TO PROPERTY LINE PER CITY STANDARD DRAWING NO. 562 _____ 2304 L.F.
4. CONSTRUCT CLEANOUT PER CITY STANDARD DRAWING NO. 560 _____ 1 EA.

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

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

PREPARED UNDER THE DIRECTION OF:
[Signature]
REGISTERED CIVIL ENGINEER NO. 17550
EXPIRATION DATE 6-30-89 DATE: 10/1/86

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

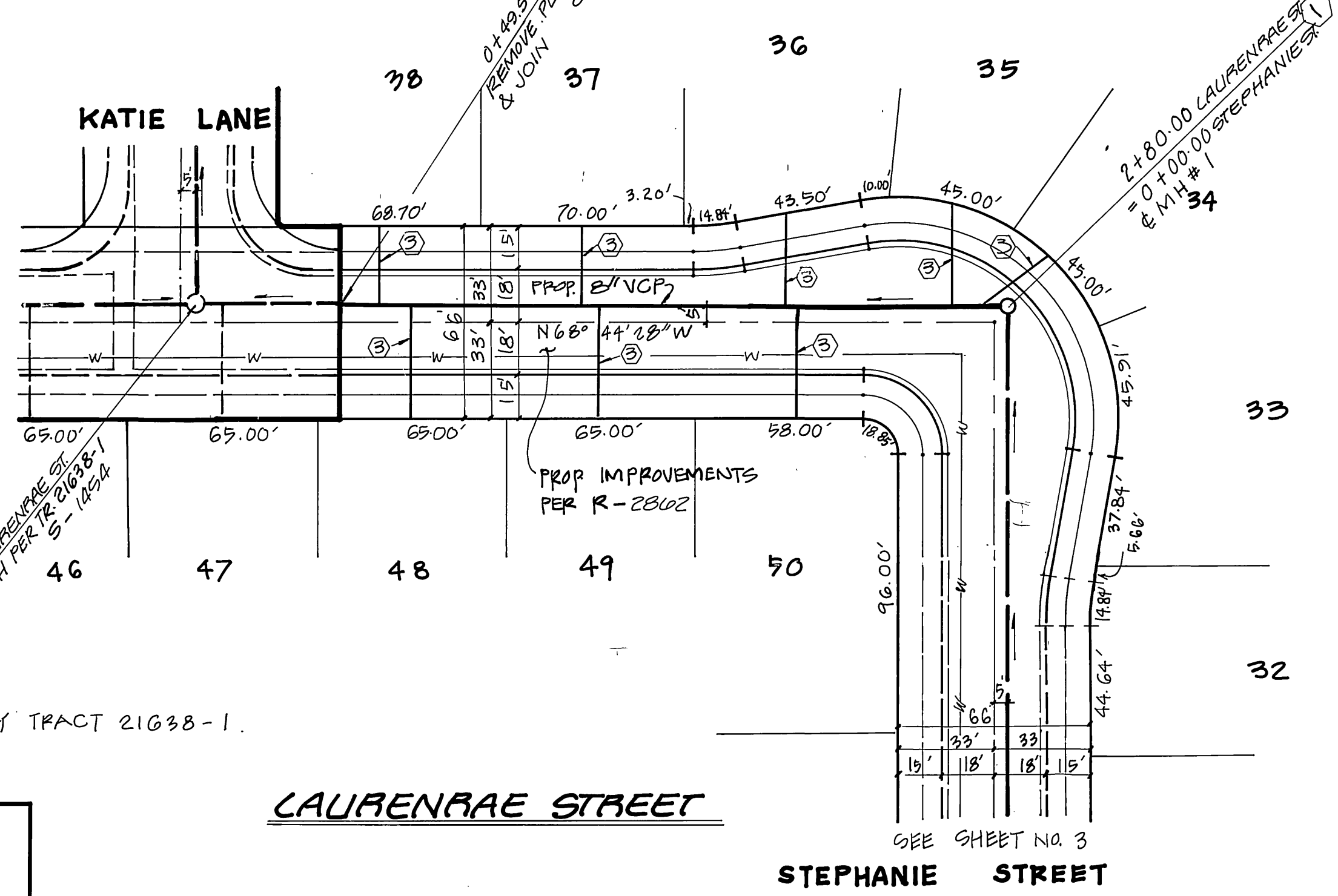
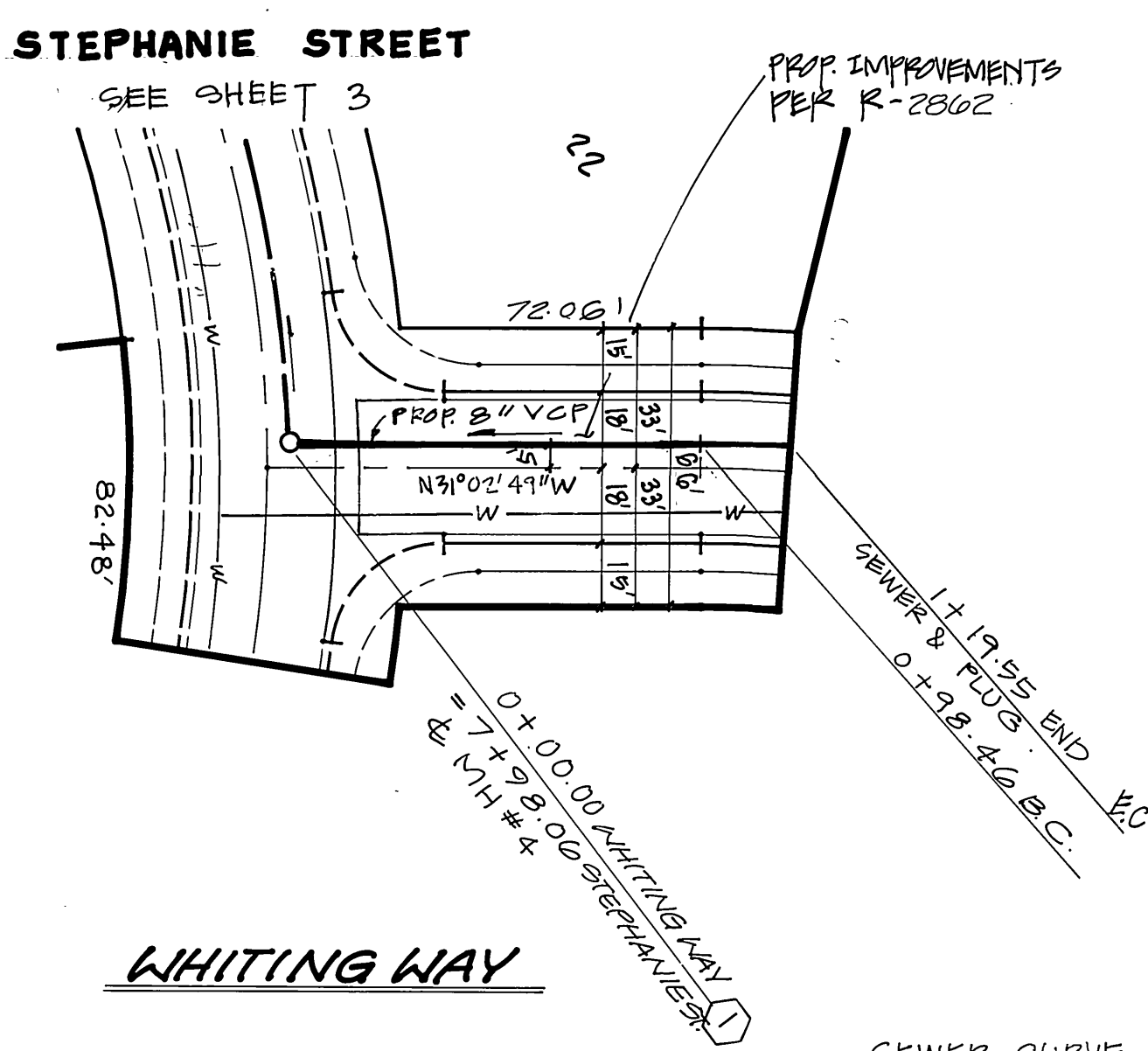
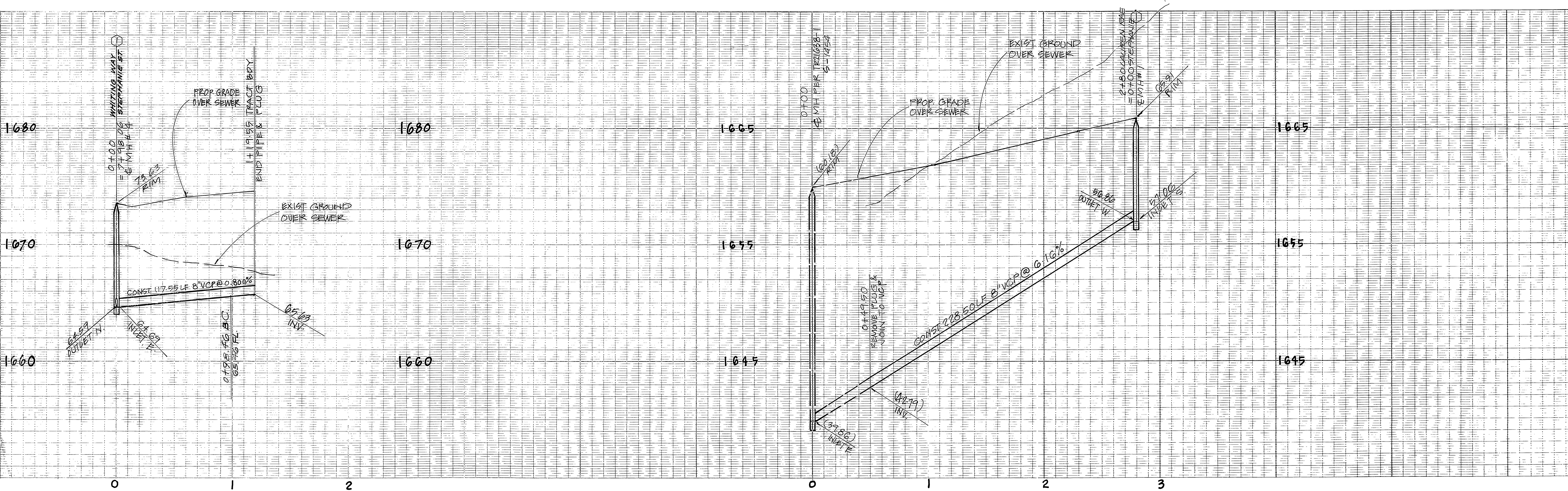
MARK	REVISIONS	APPR.	DATE

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. 21638-2
HORIZ. SCALE: 1" = _____ VERT. SCALE: 1" = _____

PROJECT NO.
6-1455
INDEX/CD
SHEET **1** OF **5**
FILE NO.



SEWER CURVE DATA:
 $\Delta = 3^{\circ}-57'-43''$
 $R = 305.00'$
 $L = 21.09'$
 $T = 10.55'$

NOTE: LOTS 39-47 SERVED BY TRACT 21638-1.

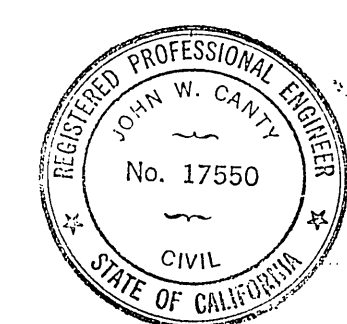
PRIVATE ENGINEERING NOTE
 NOT REQUIRED BY GOVERNING AGENCY

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Underground Service Alert

Call: TOLL FREE
1-800-422-4133

TWO WORKING DAYS BEFORE YOU DIG



PREPARED UNDER THE DIRECTION OF:
John W. Canty
 REGISTERED CIVIL ENGINEER NO. 17550
 EXPIRATION DATE: JUNE 30, 1989 DATE: 10/31/86
 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 VS 1066.0-5 MI. E ON VAN BUREN BLVD. FROM E. 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.

REVISIONS	APPR.	DATE

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

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

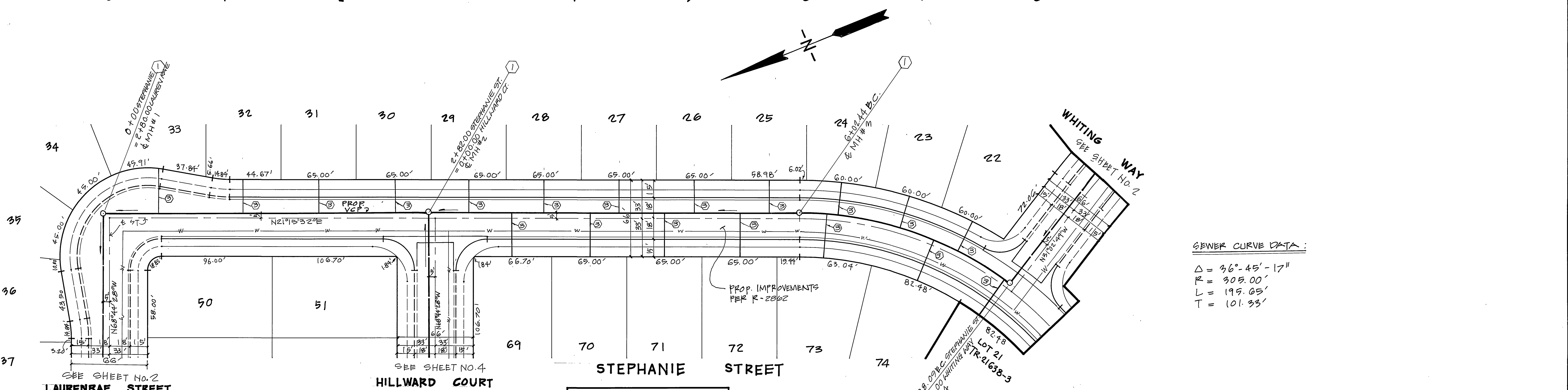
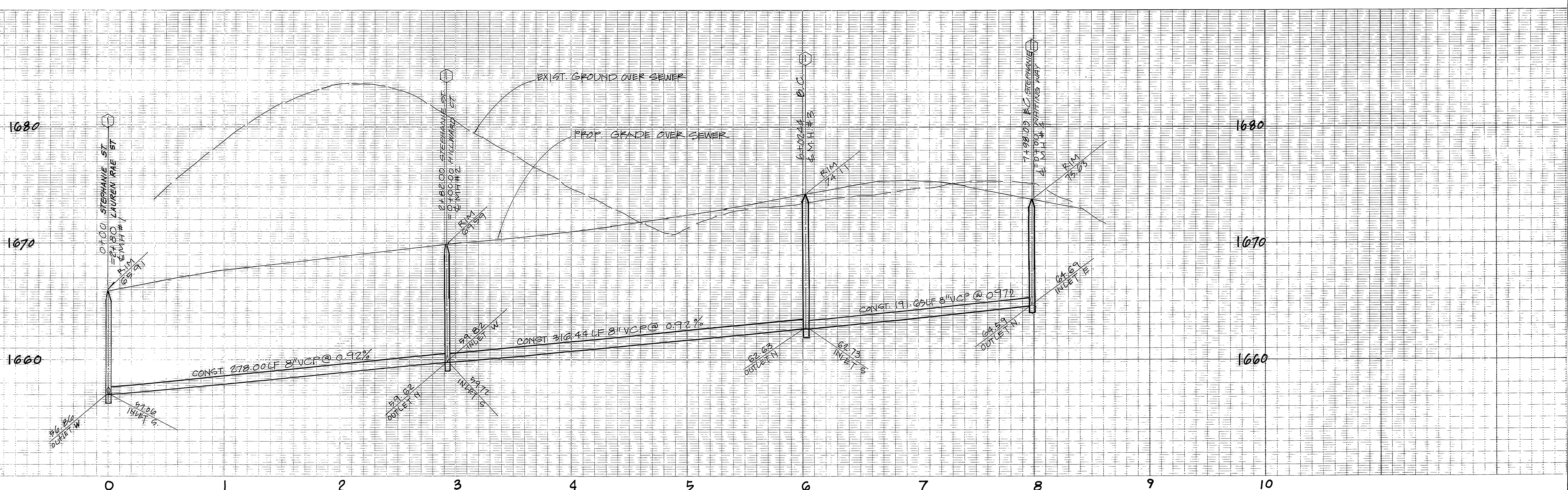
APPROVED BY: _____ BY: _____ DATE: _____
 PRINCIPAL ENGINEER
 PARK DEPARTMENT
 TRAFFIC DIVISION
 CHIEF P. W. ENGR.

APPROVED BY: *William S. Gardner*
 DIRECTOR OF PUBLIC WORKS
 DATE: 5-13-87

TRACT NO. 21638-2
SEWER PLAN AND PROFILE
WHITING WAY
LAURENRAE STREET

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

INDEX/CD
 PROJECT NO. **S-1455**
 SHEET **2** OF **5**
 FILE NO.



SEWER CURVE DATA:
 $\Delta = 36^{\circ}-45'-17''$
 $R = 305.00'$
 $L = 195.05'$
 $T = 101.33'$

PRIVATE ENGINEERING NOTE
 (NOT REQUIRED BY GOVERNING AGENCY)

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NOTE:
 FOR CONSTRUCTION NOTES AND GENERAL NOTES, SEE SHEET 1.

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



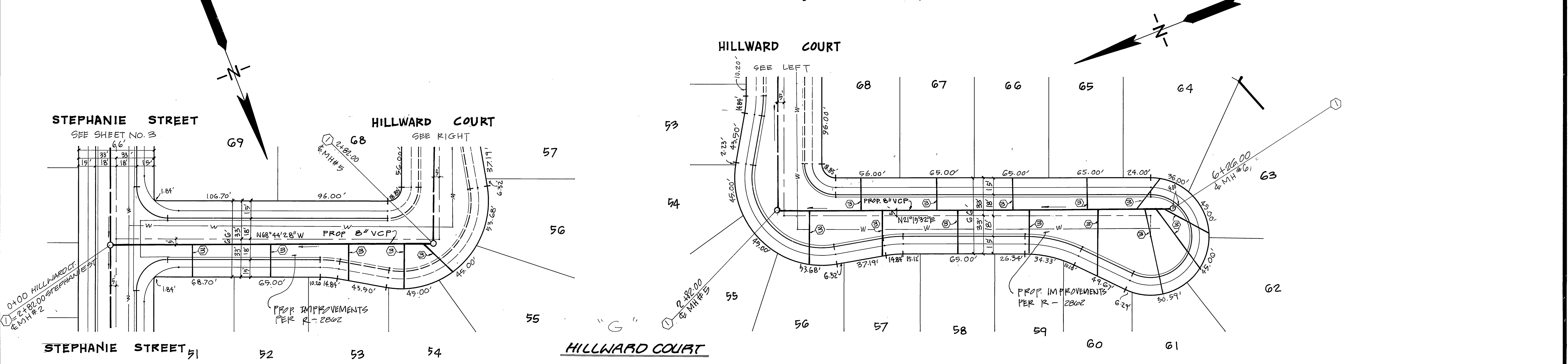
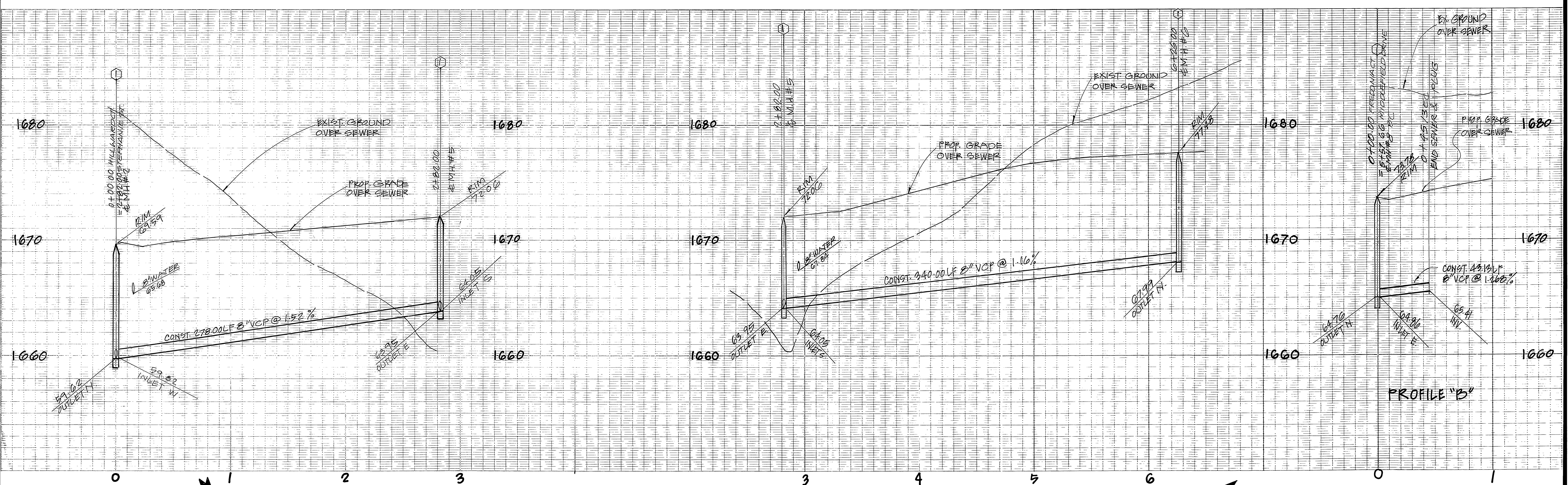
PREPARED UNDER THE DIRECTION OF:
 John W. Canty
 REGISTERED CIVIL ENGINEER NO. 17550
 EXPIRATION DATE: JUNE 30, 1987 DATE: 10/31/86
 APPROVED BY:

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 VS 1089.05 MI. E ON VAN BUREN BLVD. FROM 4' INT. OF VAN BUREN & WOOD RD. 285' N OF VAN BUREN & WOOD NE. SIDE OF GRANITE BOULDERS, ON TOP OF 3'x18'x18' BOULDER.

MARK	REVISIONS	APPR.	DATE

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

TRACT NO. 21638-2
 SEWER PLAN AND PROFILE
STEPHANIE STREET
 INDEX/CD PROJECT NO. 9-1455
 SHEET 3 OF 5
 FILE NO.
 HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 4'



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.

NOTE:
FOR CONSTRUCTION NOTES AND
GENERAL NOTES, SEE SHEET 1.

Underground Service Alert

Call: TOLL FREE
**1 - 800
422 - 4133**

TWO WORKING DAYS BEFORE YOU DIG



PREPARED UNDER THE DIRECTION OF:
John W. Conroy
REGISTERED CIVIL ENGINEER NO. 17550
EXPIRATION DATE: JUNE 30, 1989, DATE: 10/3/1986
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 V.B. 1068.05 MI. E. ON
VAN BUREN BLVD. FROM E. INT. OF VAN BUREN & WOOD RD.
125' N. OF VAN BUREN ST. N.E. SIDE OF GRANITE BOULDER,
ON TOP OF 3' x 18' x 18' BOULDER.



MARK	REVISIONS	APPR.	DATE

DESIGNED BY: *CKE* DRAWN BY: *CKE* CHECKED BY: *J.F.C.*

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

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

TRACT NO. 21638-2
SEWER PLAN AND PROFILE
HILLWARD COURT
HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 4'

INDEX/CD
PROJECT NO.
9-1455
SHEET **4** OF **5**
FILE NO.

1675

1665

1655

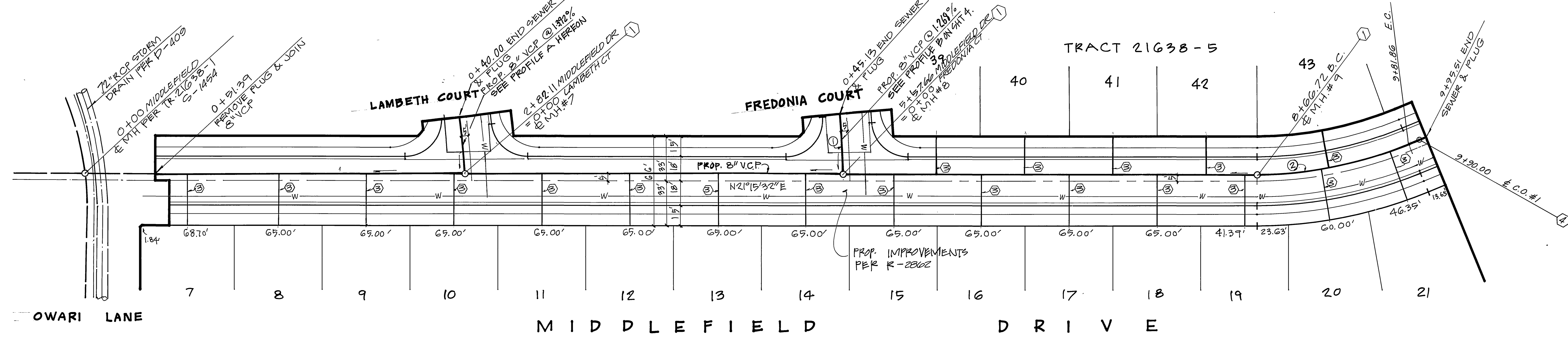
1675

1665

1655

PROFILE "A"

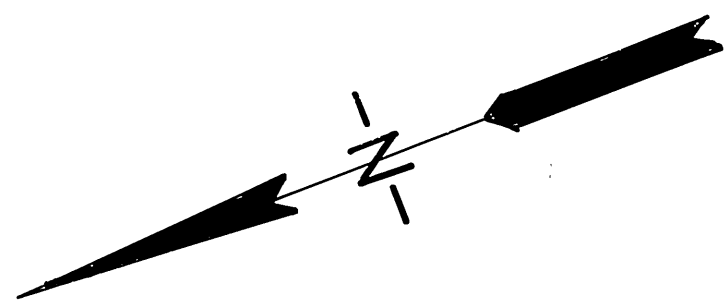
SEWER CURVE DATA				
No	Δ	R	L	T
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②	22° 21' 47"	295.00'	15.14'	58.31'



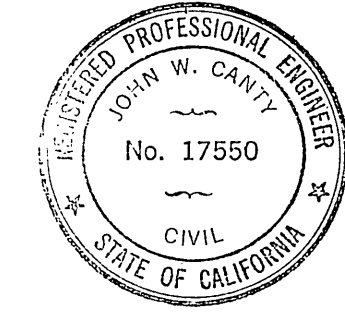
PRIVATE ENGINEERING NOTE
(NOT REQUIRED BY GOVERNING AGENCY)

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NOTE:
FOR CONSTRUCTION NOTES AND
GENERAL NOTES, SEE SHEET 1.



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



PREPARED UNDER THE DIRECTION OF:
John W. Carthy
REGISTERED CIVIL ENGINEER NO. 17550
EXPIRATION DATE: JUNE 30, 1987 DATE: 10/3/86

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 VS 1064, 0.5 MI. E ON VAN BUREN BLVD. FROM 4 INT. OF VAN BUREN & WOOD RD. 100' N OF VAN BUREN THE NE-SIDE OF GRANITE BOULDERS, ON TOP OF 3'x18'x18' BOULDER.

MARK	REVISIONS	APPR.	DATE

DESIGNED BY *CK* DRAWN BY *CK* CHECKED BY *JC*

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

TRACT NO. 21638-2
SEWER PLAN AND PROFILE
MIDDLEFIELD DRIVE
HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 4'

PROJECT NO.
9-1455
SHEET 5 OF 5
FILE NO.