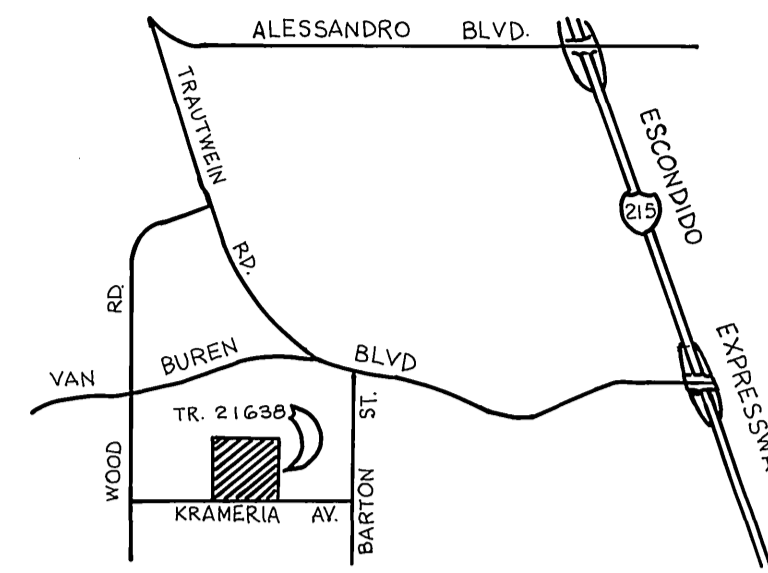


GENERAL NOTES

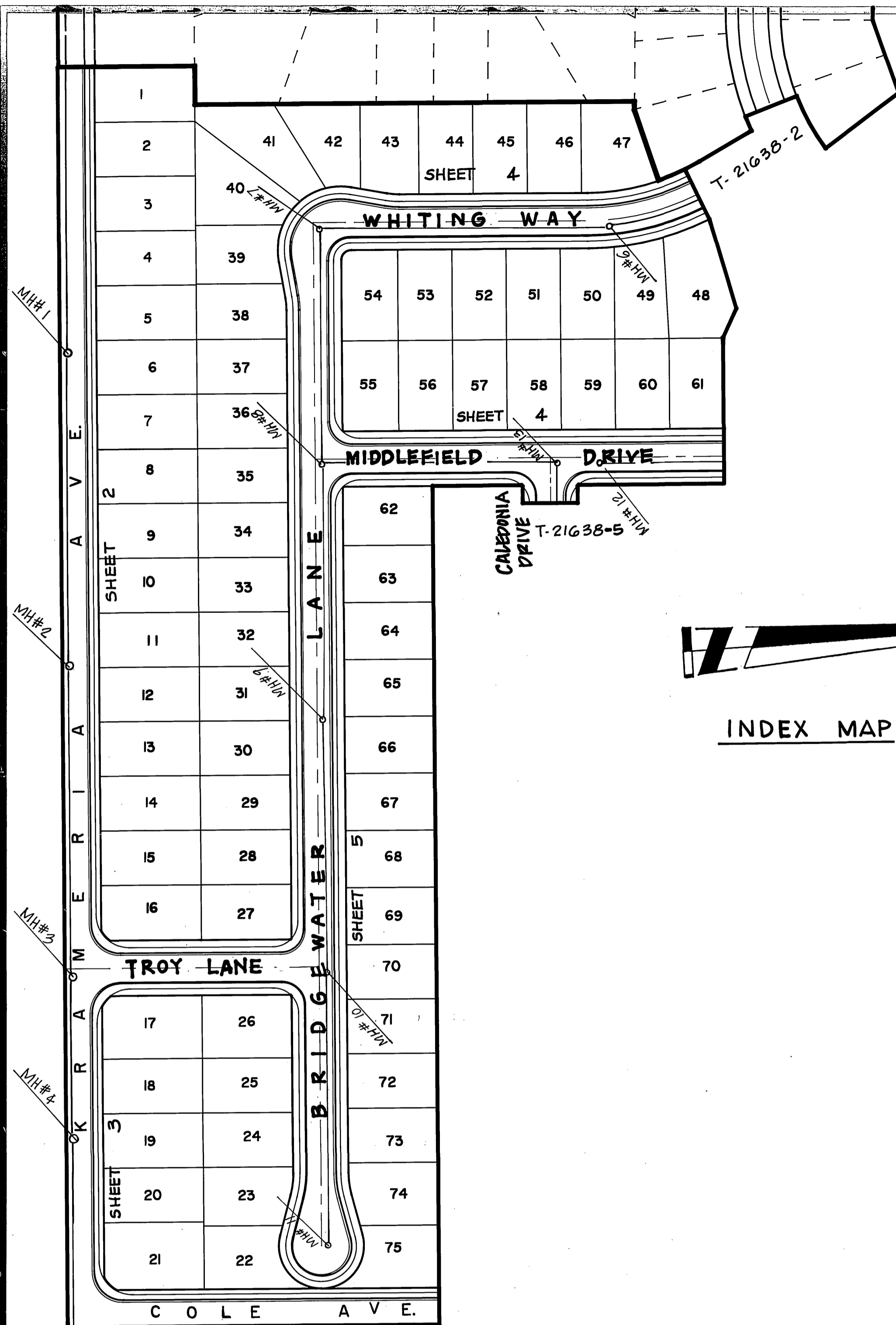
- The private engineer signing these plans is responsible for the accuracy and acceptability of the work hereon. In the event of discrepancies arising during construction the private engineer signing the plans shall be responsible for determining an acceptable solution and revising the plans for approval by the city.
- 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.
- 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.
- Location of laterals to be determined in the field at the direction of the owner. Avoid conflict with proposed and/or existing facilities.
- Contractor is to verify existing sewer elevation prior to construction.
- The sewer contractor shall adjust manholes to final grade after paving is completed.
- 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.
- 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.
- All manholes to be Riverside City Std. No. 500.
- All flagged elevations shall be staked in the field by private engineer.
- 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..
- 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.
- Quantities shown are for information only and the City of Riverside is not responsible for their accuracy.



VICINITY MAP



INDEX MAP



CONSTRUCTION NOTES

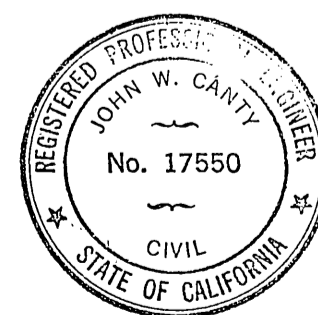
- CONSTRUCT MANHOLE PER CITY STANDARD DRAWING NO. 500
- CONSTRUCT 8" VCP SEWER MAIN
- CONSTRUCT 4" VCP LATERAL TO PROPERTY LINE PER CITY STANDARD DRAWING NO. 562

QUANTITIES

13 EACH
3443 LF
2,031 LF

PRIVATE ENGINEERING NOTE
AS 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: 6.1.87

INDEXED 8-20-87 lth

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. 17,850
EXPIRATION DATE 6-30-89 DATE: 11/1/87
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: 1" = 40'
DATE NOV. '86

BENCH MARK: V.B. 10-64
A BRASS DISK FLUSH MARKED V.B. 10-64, 28" N.E. OF VAN BUREN BLVD. FROM INT. OF VAN BUREN & WOOD RD. 205' N OF VAN BUREN & N.E. SIDE OF GRANITE BOULDERS, ON TOP OF 3' x 18" x 18" 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	BY	DATE
PRINCIPAL ENGINEER		
PARK DEPARTMENT		
TRAFFIC DIVISION		
CHIEF P. W. ENGR.		

DATE: 7/9/87

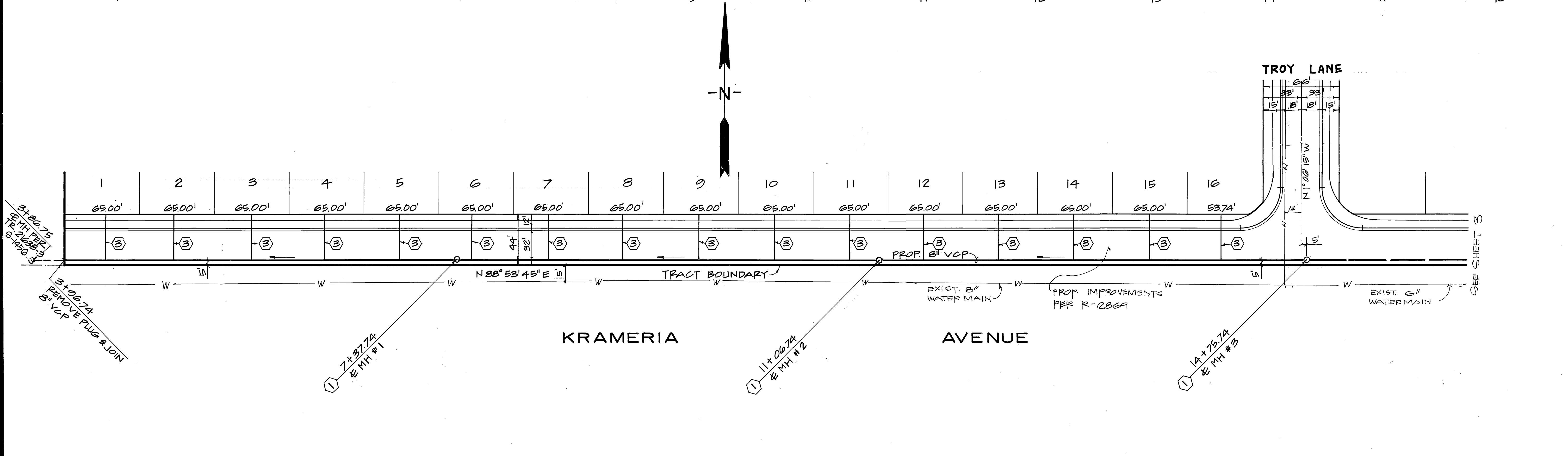
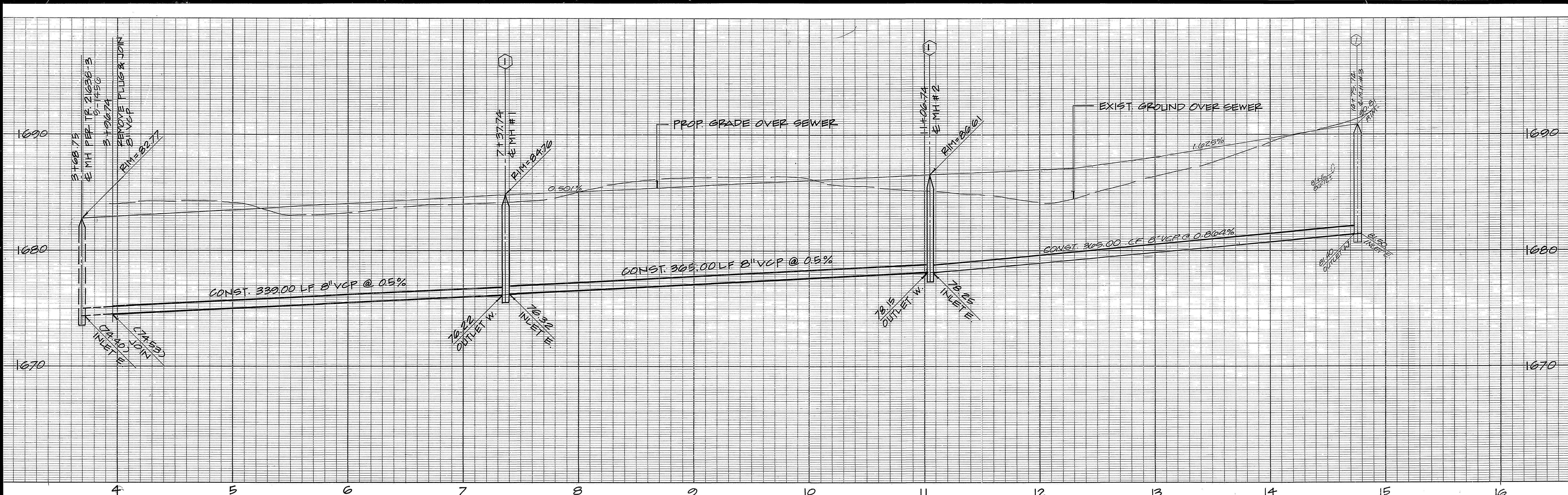
TITLE SHEET
SEWER PLAN
TR No. 21638-4

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

PROJECT NO.
9-1460

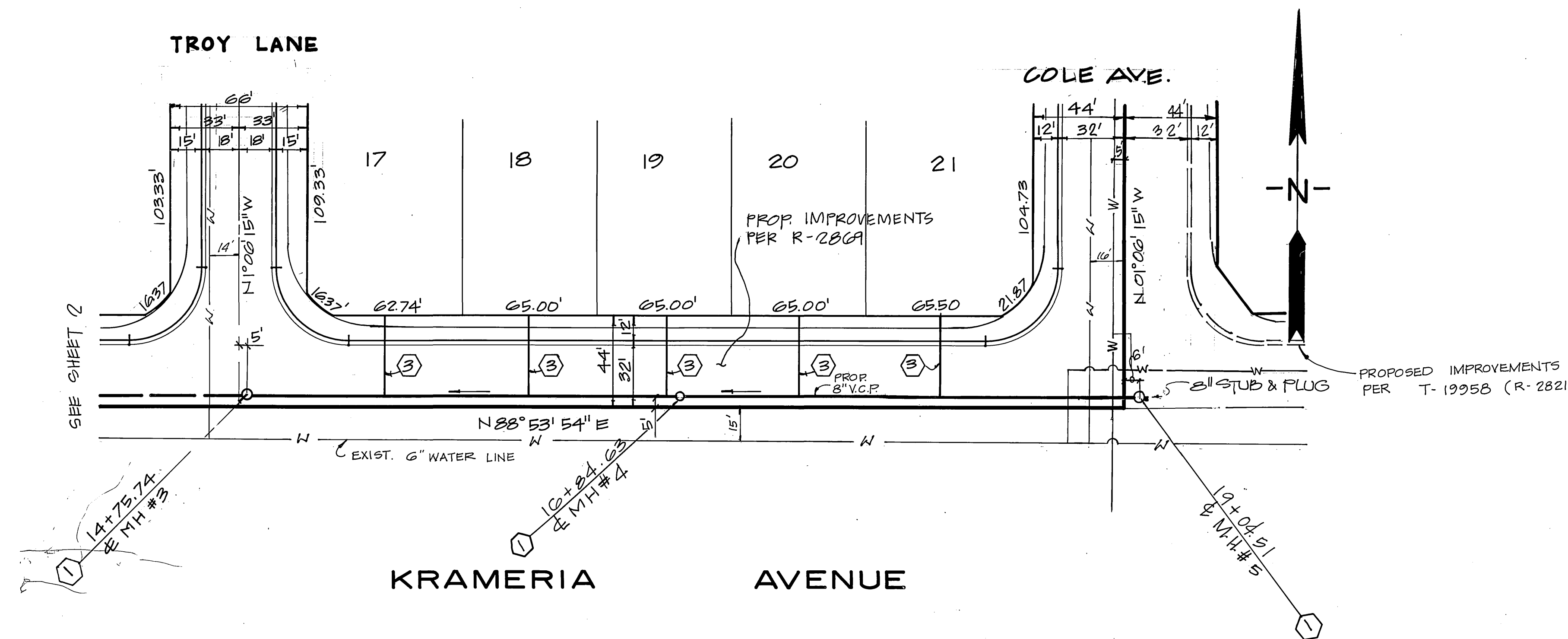
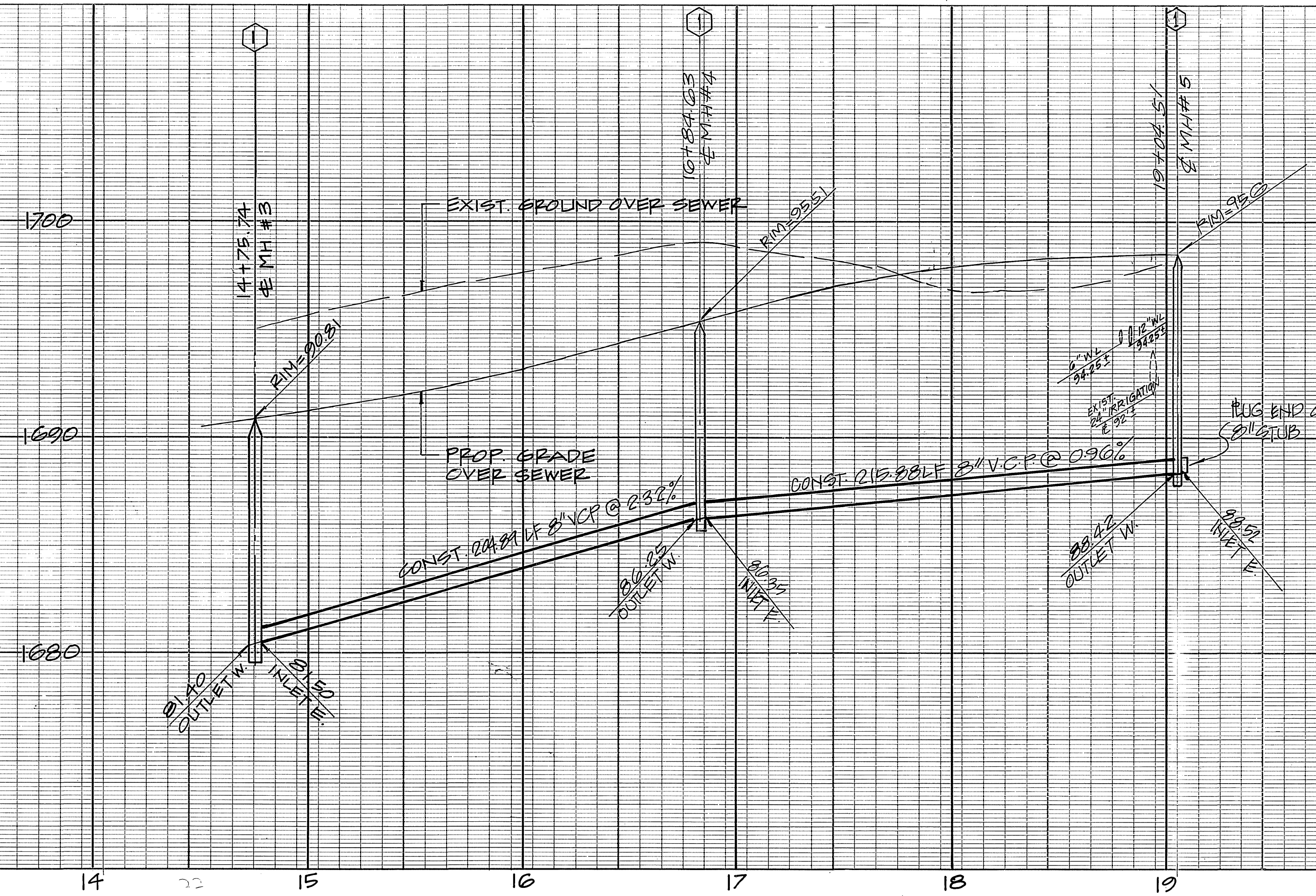
SHEET 1 OF 5

FILE NO. 86-9378



NOTE: FOR CONSTRUCTION NOTES, SEE SHEET 1

Underground Service Alert Call: TOLL FREE 1-800-422-4133 <small>TWO WORKING DAYS BEFORE YOU DIG</small>	PRIVATE ENGINEERING NOTE <small>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.</small>		PREPARED UNDER THE DIRECTION OF: <i>John W. Canty</i> REGISTERED CIVIL ENGINEER NO. 17550 EXPIRATION DATE: JUNE 30, 1982 DATE: 4/17/87	J.F. DAVIDSON ASSOCIATES, INC. <small>CIVIL ENGINEERS • SURVEYORS • PLANNERS</small> 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		CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS	TRACT NO. 21638-4 SEWER PLAN & PROFILE KRAMERIA AVENUE	PROJECT NO. 9-1460 SHEET 2 OF 5
			APPROVED BY: 	BENCH MARK: V.B. 10-64 ELEV. 1700.670 BRASS DISK FLUSH MARKED VB 1064, 0.6 MI. E ON VAN BUREN BLDG. FROM INT. OF VAN BUREN & WOOD RD. 208' N OF VAN BUREN @ THE N.E. SIDE OF GRANITE BOULDERS, ON TOP OF 3'x15'x18\"/>	DATE NOV. 1986	DESIGNED BY <i>ERC</i> DRAWN BY <i>PC</i> CHECKED BY <i>JC</i>	APPROVED BY: 	TRAFFIC DIVISION CHIEF P.W. ENGR. <i>W.D. 7-B</i> DATE 7/9/87



NOTE: FOR CONSTRUCTION NOTES, SEE SHEET 1

INDEXED 8-20-87 LHM

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.W. County
 REGISTERED CIVIL ENGINEER NO. 17550
 EXPIRATION DATE: JUNE 30, 1982 DATE: 4/1/87
 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 92524 PALM DESERT, CA 92260
 (714) 686-0844 (714) 825-1082 (619) 346-5691

MARK: REVISIONS APPR. DATE
 DESIGNED BY *gkc* DRAWN BY *kc* CHECKED BY *J.C.*

MARK	REVISIONS	APPR.	DATE

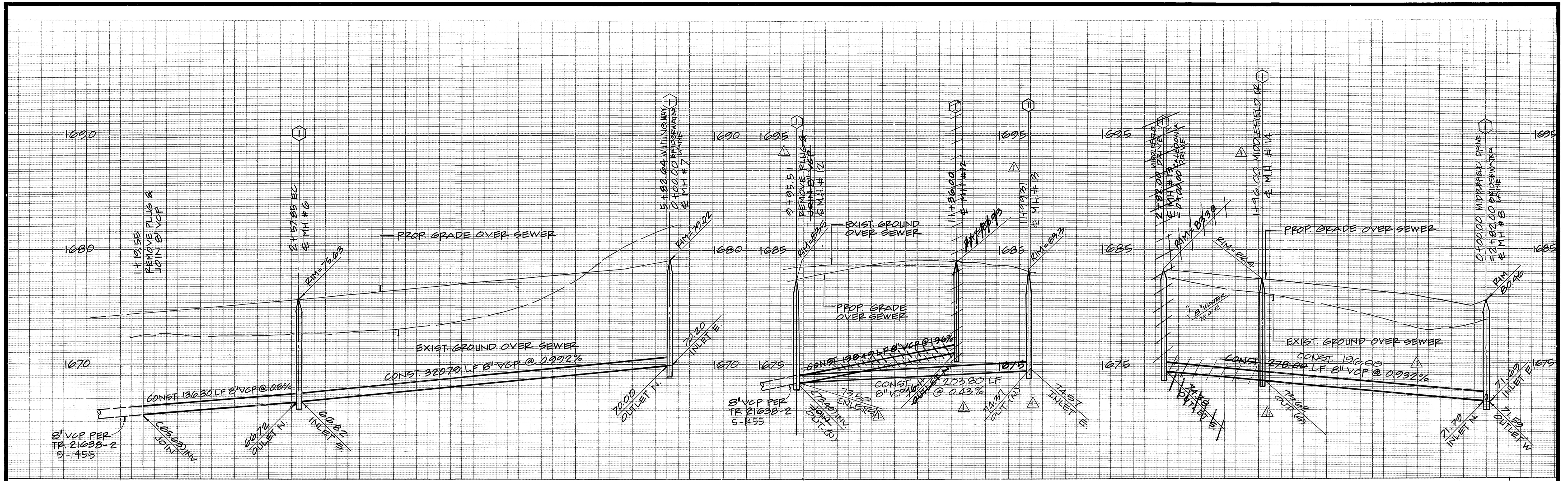
CITY OF RIVERSIDE, CALIFORNIA
 DEPARTMENT OF PUBLIC WORKS

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER	<i>Barry Best</i>	7/9/87
PARK DEPARTMENT		
TRAFFIC DIVISION		
CHIEF P.W. ENGR.	<i>W.D. 7-8</i>	DATE 7/9/87

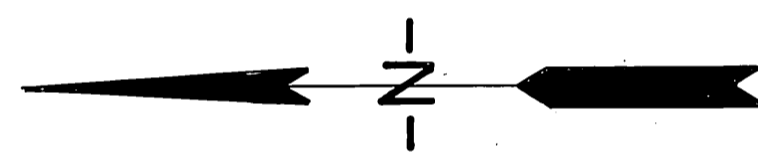
TRACT NO. 21638-4
SEWER PLAN & PROFILE
KRAMERIA AVENUE

PROJECT NO. **S-1460**
 SHEET **3** OF **5**
 FILE NO.

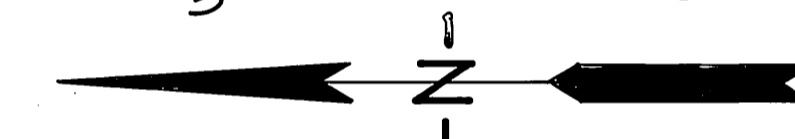
HORIZ. SCALE: 1"=40'
 VERT. SCALE: 1"=4'



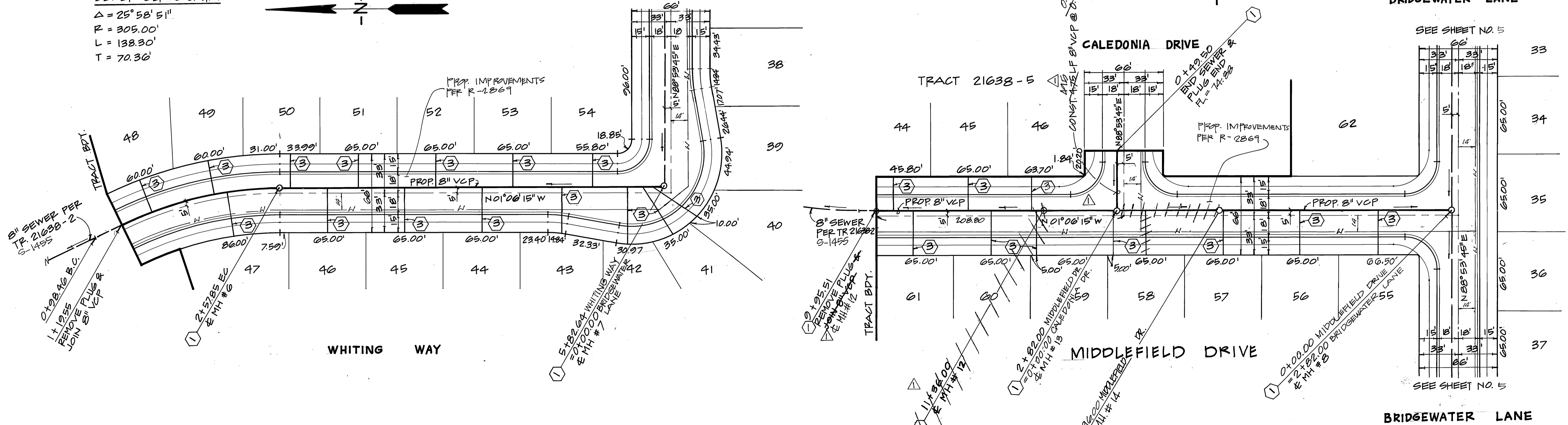
SEWER CURVE DATA
 $\Delta = 25^{\circ} 58' 51''$
 $R = 305.00'$
 $L = 138.30'$
 $T = 70.36'$



BRIDGEWATER LANE
 SEE SHEET NO. 5



BRIDGEWATER LANE



NOTE: FOR CONSTRUCTION NOTES, SEE SHEET 1

INDEXED 8-20-87 LHM

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:
John W. County
 REGISTERED CIVIL ENGINEER NO. 17550
 EXPIRATION DATE **JUNE 30, 1988** DATE: **4/17/87**
 APPROVED BY:

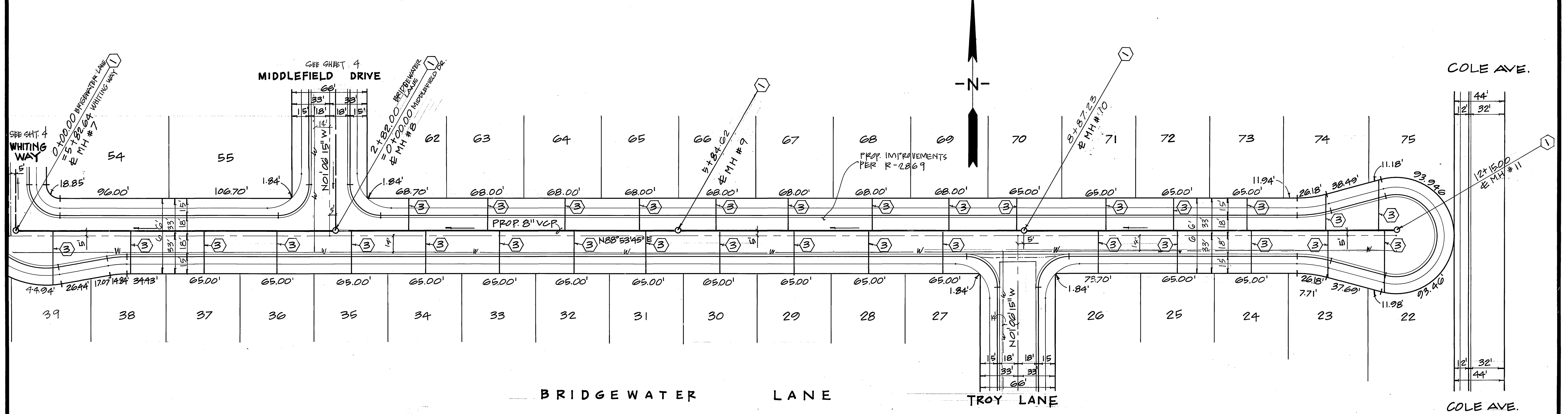
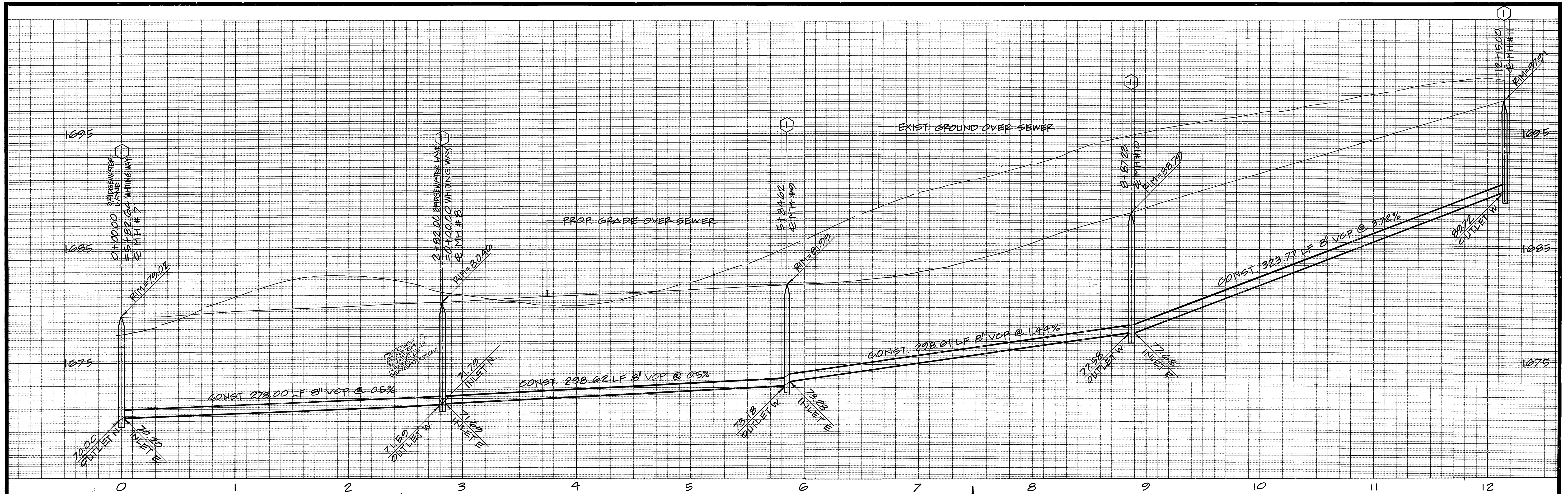
J.F. DAVIDSON ASSOCIATES, INC.
 CIVIL ENGINEERS • SURVEYORS • PLANNERS
 P.O. BOX 493
 RIVERSIDE, CA 92502 (714) 686-0844
 11200 SO. MT. VERNON AVE. #D COLTON, CA 92324 (714) 825-1082
 73-080 EL PASO, #103 PALM DESERT, CA 92260 (619) 346-5691
 BENCH MARK: V.B. 10-44 ELEV. 1700.670
 BRASS DISK FLUSH & MARKED VB 1064.06 MI. E ON VAN BUREN BLVD. FROM INT. OF VAN BUREN & WOOD RD. 208' N OF VAN BUREN ON THE N.E. SIDE OF GRANITE BOULDERS, ON TOP OF 3'x15'x18' BOULDER.
 DATE **NOV. 1986**

J.F.D. ASSOCIATES
 REVISIONS
 DESIGNED BY **EFC** DRAWN BY **KC** CHECKED BY **J.C.**
 MARK: **REV. FLOW DIRECTION IN MIDDLEFIELD DR. 4/1/88**
 APPR. DATE

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
 APPROVED BY: *[Signature]* DATE: **7-7-87**
 PRINCIPAL ENGINEER
 PARK DEPARTMENT
 TRAFFIC DIVISION
 CHIEF P. W. ENGR. **W.B. 7.8**
 DATE: **7-7-87**

TRACT NO. 21638-4
SEWER PLAN & PROFILE
WHITENING WAY
MIDDLEFIELD DRIVE
 PROJECT NO. **9-1460**
 SHEET **4** OF **5**
 FILE NO.

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

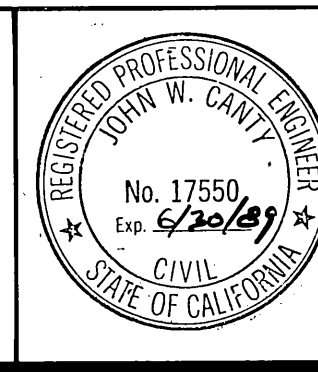


NOTE: FOR CONSTRUCTION NOTES, SEE SHEET 1

INDEXED B-20-87 L4H

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:
John W. Davidson
 REGISTERED CIVIL ENGINEER NO. 17550
 EXPIRATION DATE JUNE 30, 1989 DATE: 4/12/87
 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
 BENCH MARK: V.B. 10-44 ELEV. 1700.670
 BRASS DISK FLUSH & MARKED V8 1069.05 MI. E ON VAN BUREN BLVD. FROM INT. OF VAN BUREN & WOOD RD. 205' N OF VAN BUREN & THE W.E. SIDE OF GRANITE BOULDERS, ON TOP OF 3'x15'x18\"/>

MARK	REVISIONS	APPR.	DATE
DESIGNED BY	DRAWN BY	CHECKED BY	
ORC	FC	J.C.	

CITY OF RIVERSIDE, CALIFORNIA
 DEPARTMENT OF PUBLIC WORKS
 APPROVED BY: [Signature]
 PRINCIPAL ENGINEER
 PARK DEPARTMENT
 TRAFFIC DIVISION
 CHIEF P.W. ENGR. [Signature]
 DATE: 7/6/87

TRACT NO. 21638-4
SEWER PLAN & PROFILE
BRIDGEWATER LANE
 PROJECT NO. 9-1460
 SHEET 5 OF 5
 FILE NO.

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