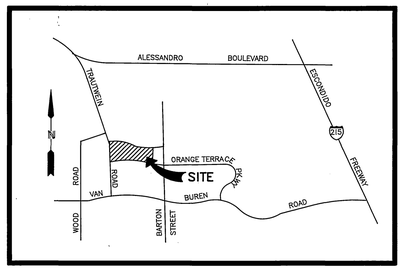
STREET IMPROVEMENT PLANS

TRACT 21709–4



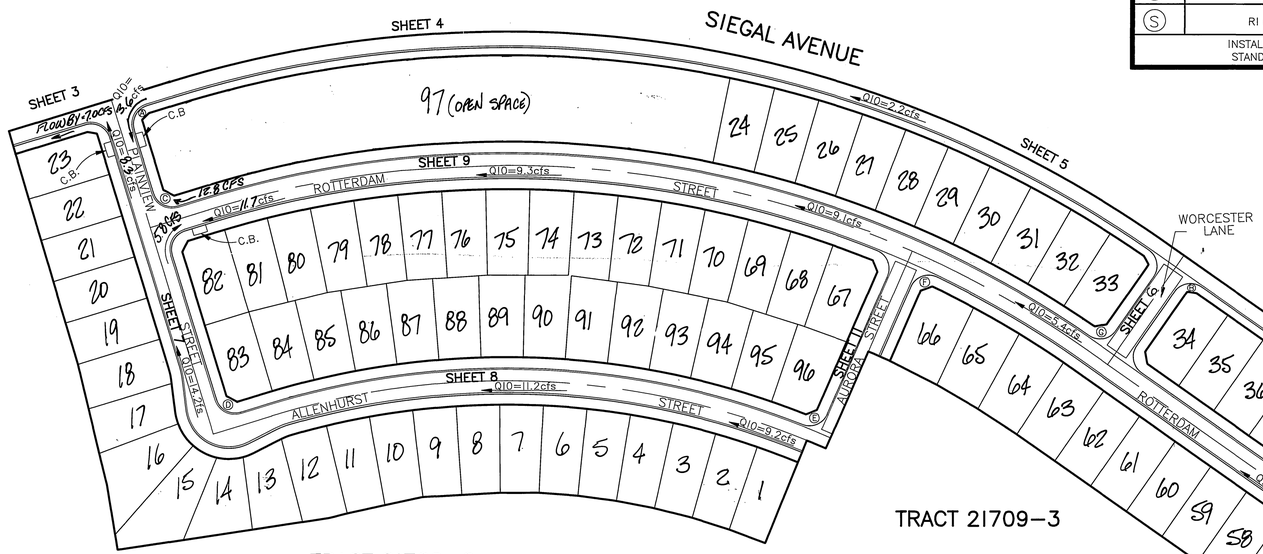
VICINITY MAP

NOT TO SCALE

STREET SIGN SCHEDULE

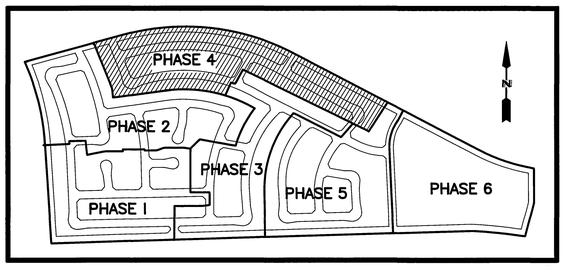
(A)	SIEGAL AVENUE PLAINVIEW STREET	19500 8300
(B)	SIEGAL AVENUE WORCESTER LANE	19700 8400
(C)	PLAINVIEW STREET ROTTERDAM STREET	8300 19500
(D)	PLAINVIEW STREET ALLENHURST STREET	8300 19500
(E)	ALLENHURST STREET AURORA STREET	19500 8400
(F)	AURORA STREET ROTTERDAM STREET	8400 19500
(G)	WORCESTER LANE ROTTERDAM STREET	8400 19700
(H)	NEW WINDSOR STREET ROTTERDAM STREET	8400 19900
(R)	RI (STOP SIGN) 36"	2
(S)	RI (STOP SIGN) 30"	4

INSTALL PER CITY OF RIVERSIDE STANDARD 662 AND 666



INDEX MAP

SCALE 1"=100'



PHASE MAP

NOT TO SCALE

NOTE: SEE SHEET NO.2 FOR CONSTRUCTION NOTES.

CHARTER COMMUNICATION

APPROVED BY: Stuart King DATE: 5-21-99

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, ITS SUPPLEMENTAL NOTES AND THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, CURRENT EDITION.
3. THE PRIVATE ENGINEER SIGNING THESE PLANS IS RESPONSIBLE FOR ASSURING THE ACCURACY AND ACCEPTABILITY OF THE WORK HEREON. IN THE EVENT OF DISCREPANCIES ARISING DURING CONSTRUCTION, THE PRIVATE ENGINEER SHALL BE RESPONSIBLE FOR DETERMINING AN ACCEPTABLE SOLUTION & REVISING THE PLANS FOR APPROVAL BY THE CITY.
4. QUANTITIES SHOWN ARE FOR INFORMATION ONLY AND THE CITY OF RIVERSIDE IS NOT RESPONSIBLE FOR THEIR ACCURACY.
5. 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.
6. SEE "STREET LIGHTING PLANS" FOR QUANTITY AND LOCATION OF REQUIRED STREET LIGHTS.
7. ALL FLAGGED ELEVATIONS SHALL BE STAKED IN THE FIELD BY THE PRIVATE ENGINEER.
8. CONSTRUCT DRIVEWAY APPROACHES PER STD. DWG. 302. *(TYPE CURB-1) EXACT SIZE AND LOCATION TO BE STAKED BY THE ENGINEER PRIOR TO CONSTRUCTION OF THE CURB AND GUTTER AND AS APPROVED BY THE TRAFFIC ENGINEER.*
9. THE SUBDIVIDER SHALL ARRANGE FOR A SOIL TEST TO BE MADE BY A SOILS ENGINEER AFTER THE STREETS HAVE BEEN PREPARED TO ROUGH GRADE AND PRIOR TO CURB AND GUTTER CONSTRUCTION. DEPTH OF BASE MATERIAL AND A.C. PAVING SHALL BE DETERMINED BY THE CITY OF RIVERSIDE DESIGN STANDARDS AND TEST PROCEDURES.
10. THE DEVELOPER AND/OR CONTRACTOR SHALL CONTACT THE STREET DIVISION (351–6127) TO PICK UP ANY EXISTING STD. 180 BARRICADES THAT ARE BEING REMOVED. THE CITY'S INSPECTOR WILL MAKE THE FINAL DETERMINATION ON WHETHER A BARRICADE CAN BE RELOCATED.
11. ON ALL AREAS WITHIN PUBLIC RIGHT OF WAY WHERE THE FILL IS ONE (1) FOOT OR GREATER, A LETTER WILL BE REQUIRED FROM THE SOILS ENGINEER, CERTIFYING THE COMPACTION OF THE FILL BELOW SUBGRADE, PRIOR TO ISSUANCE OF THE CONSTRUCTION PERMIT/CUT SHEETS.
12. ALL TRAFFIC SIGNS SHALL BE INSTALLED PRIOR TO OPENING THE STREETS TO TRAFFIC.
13. ANY TRAFFIC CONTROL STRIPING OBLITERATED AND/OR BADLY WORN DURING CONSTRUCTION SHALL BE RESTORED BY THE CONTRACTOR WITHIN FIVE DAYS AFTER NOTIFICATION FROM THE CITY INSPECTORS.
14. FINAL STRIPING FOR TRAFFIC CONTROL AND/OR PAVEMENT MARKING TO BE THE RESPONSIBILITY OF THE DEVELOPER.
15. THE CONTRACTOR SHALL CALL IN A LOCATION REQUEST TO UNDERGROUND SERVICE ALERT (U.S.A.) PHONE NO. 1–800–227–2600, 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.
16. THE CONTRACTOR SHALL COORDINATE TRENCHING FOR CABLE TELEVISION WITH OTHER TRENCHING WITHIN THE SUBDIVISION.
17. *NO PERSON SHALL PERFORM ANY CONSTRUCTION ACTIVITY OR INSTALL ANY OBJECTS WITHIN THE PUBLIC RIGHT-OF-WAY OR EASEMENTS OF THE CITY OF RIVERSIDE WITHOUT A VALID CONSTRUCTION PERMIT OR A STREET OPENING PERMIT OR AN ENCROACHMENT PERMIT ISSUED BY THE CITY'S PUBLIC WORKS DEPARTMENT.*

GENERAL NOTES FOR STREET TREE PLANTING

1. All related work shall conform to the City of Riverside Park and Recreation Department Standards and City of Riverside Street Tree policies.
2. When calling for inspections contact the Street Tree Inspector a minimum of 48 hours in advance at (909)-351–6126 to schedule an inspection. A Field Notice will be issued as written approval for each stage of inspection. A verbal approval will not be acceptable. Inspections are required:
   a. After completion of final grading of the lots and when all utility services and sewer laterals have been marked, but prior to digging plant pits, all final street tree locations are to be spotted in the field by the Street Tree Inspector;
   b. While digging plant pits and planting/relocating trees;
   c. After planting and all other indicated or specified work has been completed, for start of maintenance;
   d. At end of the maintenance period, the contractor/developer shall call the Street Tree Inspector at (909)-351–6126 for a final acceptance inspection in order to be released from maintenance, Developers bonds will not be released until after receipt of written notification from the City that the trees pass final inspection and the Park and Recreation Department is assuming maintenance responsibilities;
3. All STREET TREES ARE TO BE PLANTED PRIOR TO OCCUPANCY.
4. The developer shall be responsible to acceptably maintain all plantings for a minimun period of one (1) year.
5. Street tree planting shall be as follows:

Street Name	Botanical Name/ Common Name	Minimum Size	Approximate Spacing	# Required
Allenhurst Street	PLATANUS A. COLUMBIA/ COLUMBIA PLANE TREE	15 Gal.	45' O.C.	37 ea.
Aurora Street	MICHELIA DOLTSOPA	15 Gal.	45' O.C.	7 ea.
New Windsor Street	MICHELIA DOLTSOPA	15 Gal.	45' O.C.	5 ea.
Plainview Street	CERCIS CANADENSIS/ CANADIAN REDBUD	15 Gal.	45' O.C.	16 ea.
Rotterdam Street	KOELREUTERIA BIPINNATA/ CHINESE FLAME TREE	15 Gal.	45' O.C.	93 ea.
Siegal Avenue			See Reverse Frontage Landscape Plans Prepared by Community Works Design group Dated Jan. 1999.	
Worcester Lane	PISTACIA CHINENSIS/ CHINESE PISTACHE	15 Gal.	45' O.C.	4 ea.

6. All Street Trees must be automatically irrigated, except where adjacent to single family or duplex residential uses.

* NOTE: In the interest of public safety and maintenance the Street Tree Inspector shall have the authority to revise the street tree quantities and locations shown on approved plans based upon field conditions found at the time of installation of the trees.

Underground Service Alert
Call: TOLL FREE
1–800–227–2600
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.

REGISTERED PROFESSIONAL ENGINEER JOHN W. CANTY No. 17550 Exp. 6/30/01 CIVIL

PREPARED UNDER THE DIRECTION OF:
John W. Canty
JOHN W. CANTY
REGISTERED CIVIL ENGINEER NO. 17550
EXPIRATION DATE: 6-30-01 DATE: 1/29/99

CANTY ENGINEERING GROUP, INC.
CIVIL ENGINEERING - PLANNING - SURVEYING
2020 IOWA AVENUE, SUITE 102, P.O. BOX 52050, RIVERSIDE, CA 92517
TEL (909) 683 - 5234 FAX (909) 683 - 5301
CITY OF RIVERSIDE BUSINESS TAX ACCT. NO. 69372 EXP. 04-01-00

SCALE AS NOTED
DATE OCT. 1998

BENCH MARK: E8-F3 ELEV= 1665.160 DATE: 1997
P.K. NAIL AND CITY ENGINEER TAG ON THE SIDEWALK OVER THE W'LY. WALL OF A CATCH BASIN ALONG THE S'LY. CURB OF ORANGE TERRACE PKWY., 100 FEET E'LY. OF TRAUTWEIN ROAD. THE MARK IS 2 FEET S'LY. OF THE FACE OF CURB. ADJUSTED AND ENTERED: JUNE 1997.

MARK	REVISIONS	APPR.	DATE

DESIGNED BY D.A.M. DRAWN BY D.A.M. CHECKED BY T.M.P.

FREY!

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

APPROVED BY	DATE	BY
PRINCIPAL ENGINEER	8/5/99	
PARK DEPARTMENT	8/24/99	
TRAFFIC DIVISION	9/30/99	
P.W. ENGINEER MGR.		
ST. SERVICES	11/19/99	

APPROVED BY R. McGrath
PUBLIC WORKS DIRECTOR
DATE 10 - 7 - 99

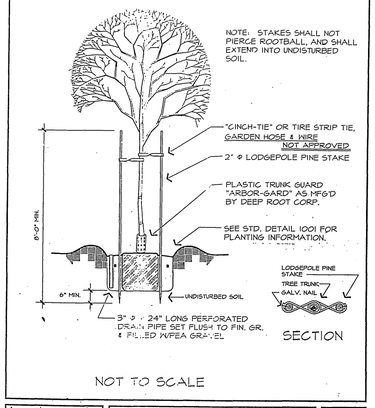
TRACT 21709–4
STREET IMPROVEMENT PLANS
TITLE SHEET

FOR McMILLIN
W.O.F.B. FILE NO. 1001-012

R-3151
SHEET 1 OF 12 SHEETS

RE 4/19/5

INDEXED 10-19-99 GH

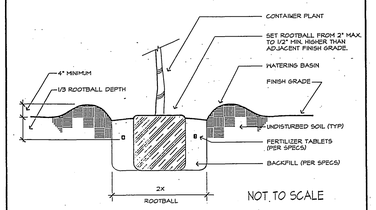


Approved	Date 03/31/99	Park and Recreation Department CITY OF RIVERSIDE	Detail No.
Revised	Date	DOUBLE STAKING DETAIL	1002

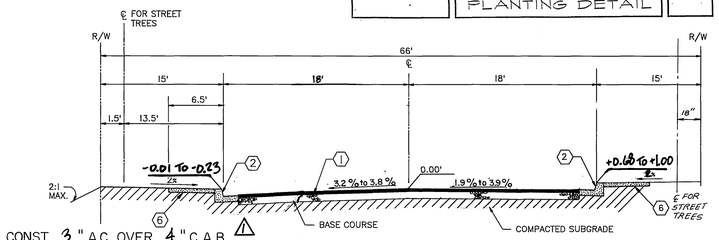
GENERAL PLANTING NOTES

1) Contact the Street Tree Inspector at 351-6126 two working days (48 hours) prior to installing any plant material.
2) Trees planted in turf areas shall be maintained with a minimum 12" radius around the tree free of turf throughout the maintenance period.
3) Watering basins may be removed after the maintenance period.
4) For staking information as applicable, refer to Standard Detail 1002.
5) For guying information as applicable, refer to Standard Detail 1003.
6) For specification information, refer to City of Riverside Park and Recreation Department Standard Specifications, Section 02480 Planting.
7) Provide Fertilizer Tablets as follows:

1 gallon plant	2 tablets
5 gallon plant	3 tablets
15 gallon plant	5 tablets
24" box plant	8 tablets



Approved	Date 04/08/99	Park and Recreation Department CITY OF RIVERSIDE	Detail No.
Revised	Date	PLANTING DETAIL	1001

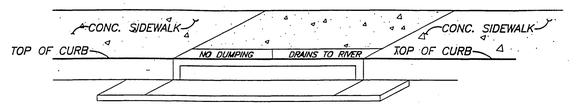


TYPICAL SECTION

WORCESTER LANE N.T.S.
STA. 0+45.00 TO STA. 1+28.90
T.I.=5

STREET IMPROVEMENT PLANS

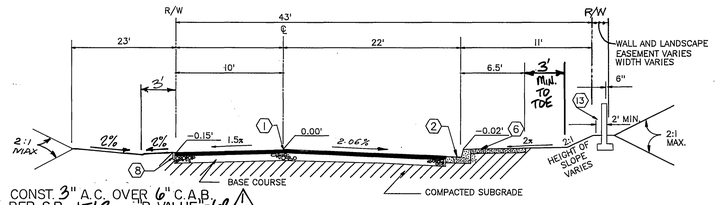
TRACT 21709-4



CATCH BASIN STENCILING DETAIL

N.T.S.

(A) STENCILS TO HAVE 2" LETTERS AS FOLLOWS :
NO DUMPING
DRAINS TO RIVER
(B) PLACE BOTH STENCILS CENTERED WITHIN THE CATCHBASIN OPENING AND WITHIN THE TOP OF CURB.
(C) SPRAY BOTH STENCILS WITH WHITE PAINT.
(D) REMOVE STENCILS WHEN PAINT IS DRY.

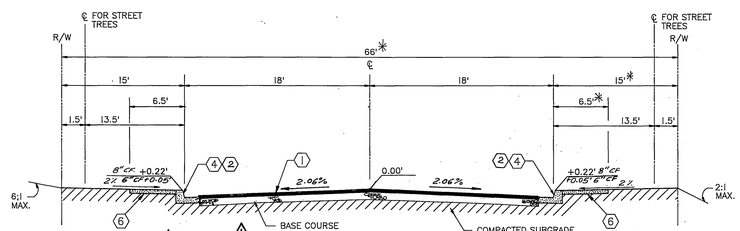


TYPICAL SECTION

SIEGAL AVENUE N.T.S.
STA. 54+15.06 TO STA. 80+96.37
T.I. = 6

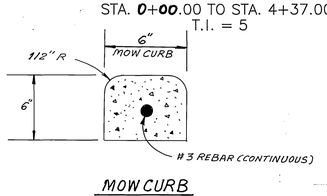
CONSTRUCTION NOTES

1. PLACE A.C. PAVING OVER CRUSHED AGGREGATE BASE PER TYPICAL SECTION. SEE GENERAL NOTE NO. 9.
2. CONSTRUCT CURB AND GUTTER PER CITY OF RIVERSIDE STD. DWG. NO. 200 TYPE I (6" CURB FACE).
3. CONSTRUCT P.C.C. CROSS CUTTER PER CITY OF RIVERSIDE STD. DWG. NO. 220, W=AS NOTED
4. CONSTRUCT CURB AND GUTTER PER CITY OF RIVERSIDE STD. DWG. NO. 200 TYPE I (8" CURB FACE).
5. CONSTRUCT WHEELCHAIR RAMP PER CITY OF RIVERSIDE STD. DWG. NO. 304. (TYPE-I)
6. CONSTRUCT P.C.C. CURB SIDEWALK PER CITY OF RIVERSIDE STD. NO. 325.
7. CONSTRUCT BARRICADE PER CITY OF RIVERSIDE STD. DWG. NO. 180.
8. CONSTRUCT 2"x4" REDWOOD HEADER.
9. CONSTRUCT CATCHBASIN PER CITY OF RIVERSIDE STD. DWG. NO. 407
10. PLANT STREET TREES TO THE SPECIFICATIONS OF THE PARK AND RECREATION DEPARTMENT.
12. CONSTRUCT STREET NAME SIGN.
13. CONSTRUCT 6' HIGH BLOCK WALL PER CITY OF RIVERSIDE STD. DWG. NO. 704, AND DETAILS PER SHEET 15 THIS WALL REQUIRES A PERMIT AND INSPECTION FROM THE PUBLIC WORKS ENGINEERING.
14. CONSTRUCT TYPE II WHEELCHAIR RAMP PER CITY OF RIVERSIDE STD. NO. 304



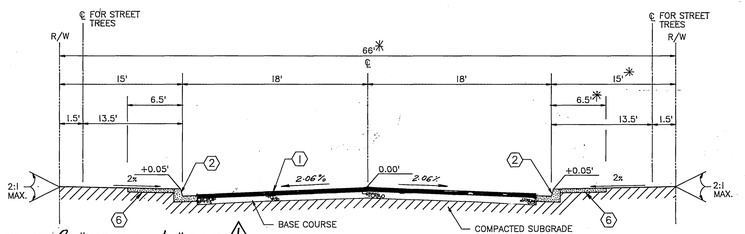
TYPICAL SECTION

PLAINVIEW STREET N.T.S.
STA. 0+00.00 TO STA. 4+37.00
T.I. = 5



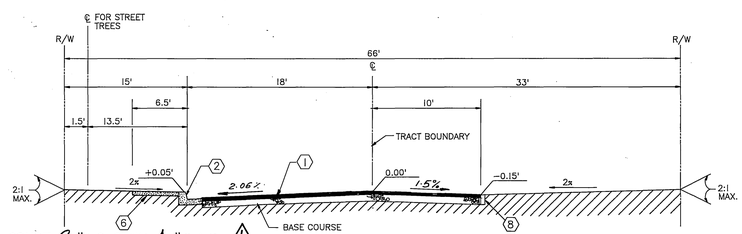
MOW CURB
N.T.S.

* PLAINVIEW STATIONS 3+00 TO 4+86 AND ROTTERDAM STATIONS 0+00 TO 7+90 HAVE 26' ℄ TO R/W, 8' PARKWAY AND 8' SIDEWALK ADJACENT TO LOT 97 (OPEN SPACE)



TYPICAL SECTION

ALLENHURST STREET STA. 1+05.25 TO STA. 8+35.03 N.T.S. R=63
ROTTERDAM STREET STA. 1+25.00 TO STA. 20+92.47 R=62
AURORA STREET STA. 1+47.57 TO STA. 2+54.26 R=63
NEW WINDSOR STREET STA. 10+28.50 TO STA. 10+76.70 R=45
T.I. = 5



TYPICAL SECTION

AURORA STREET N.T.S.
STA. 0+44.13 TO STA. 1+47.57
T.I. = 5

Underground Service Alert
Call: TOLL FREE
1-800-227-2600
TWO WORKING DAYS BEFORE YOU DIG

PRIVATE ENGINEERING NOTE

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

PREPARED UNDER THE DIRECTION OF:
JOHN W. CANTY
REGISTERED CIVIL ENGINEER NO. 17550
EXPIRATION DATE: 6-30-01 DATE: 11/29/99

CEG CANTY ENGINEERING GROUP, INC.
CIVIL ENGINEERING - PLANNING - SURVEYING
2020 IOWA AVENUE, SUITE 102, P.O. BOX 52050, RIVERSIDE, CA 92517
TEL (909) 683 - 5234 FAX (909) 683 - 5301
CITY OF RIVERSIDE BUSINESS TAX ACCT. NO. 69372 EXP. 04-07-00

SCALE AS NOTED
DATE OCT. 1998

BENCH MARK: EB-F3 ELEV.= 1665.160 DATE: 1997
P.K. NAIL AND CITY ENGINEER TAG ON THE SIDEWALK OVER THE W'LY. WALL OF A CATCH BASIN ALONG THE S'LY. CURB OF ORANGE TERRACE PKWY., 100 FEET E'LY. OF TRAUTWEIN ROAD. THE MARK IS 2 FEET S'LY. OF THE FACE OF CURB. ADJUSTED AND ENTERED: JUNE 1997.

MARK	REVISIONS	APPR.	DATE
1	ADDED PAVEMENT SECTIONS & R-VALUES PER T.B.	TP	7/26/01

DESIGNED BY D.A.M. DRAWN BY D.A.M./C.R.M. CHECKED BY T.P.

FRED

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

APPROVED BY	DATE	BY
PRINCIPAL ENGINEER	11/5/99	
PARK DEPARTMENT	12/2/99	
TRAFFIC DIVISION	9/30/99	
P.W. ENGINEER MGR.	11/19/99	

APPROVED BY R. McGrath
PUBLIC WORKS DIRECTOR
DATE 10-7-99

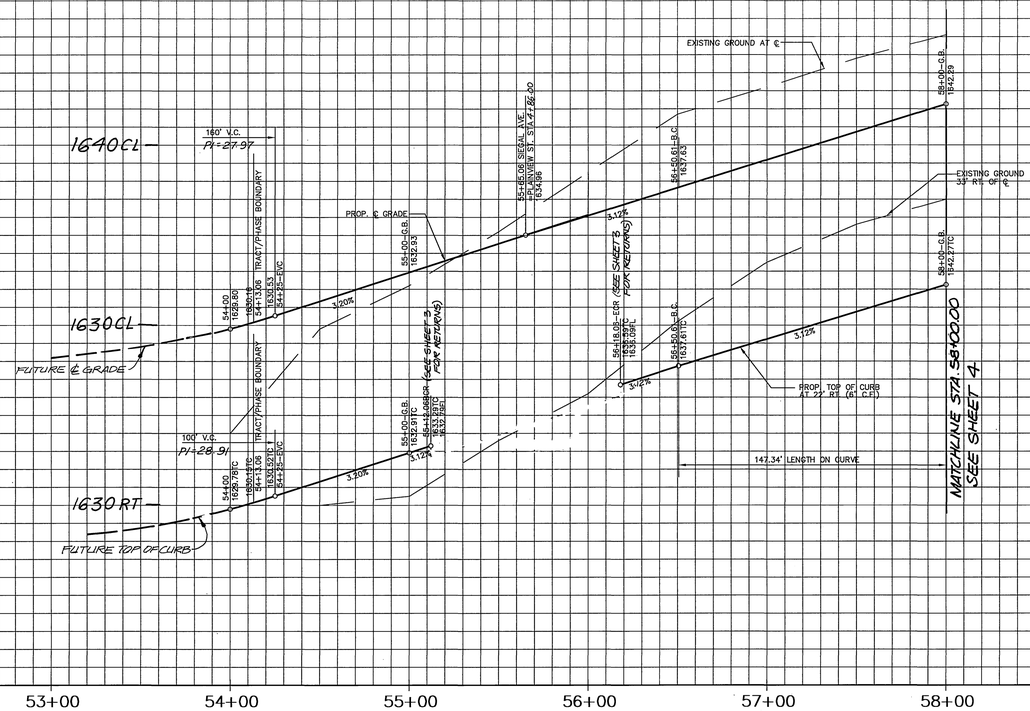
TRACT 21709-4
STREET IMPROVEMENT PLANS
TITLE SHEET

R-3151
2
OF 12 SHEETS

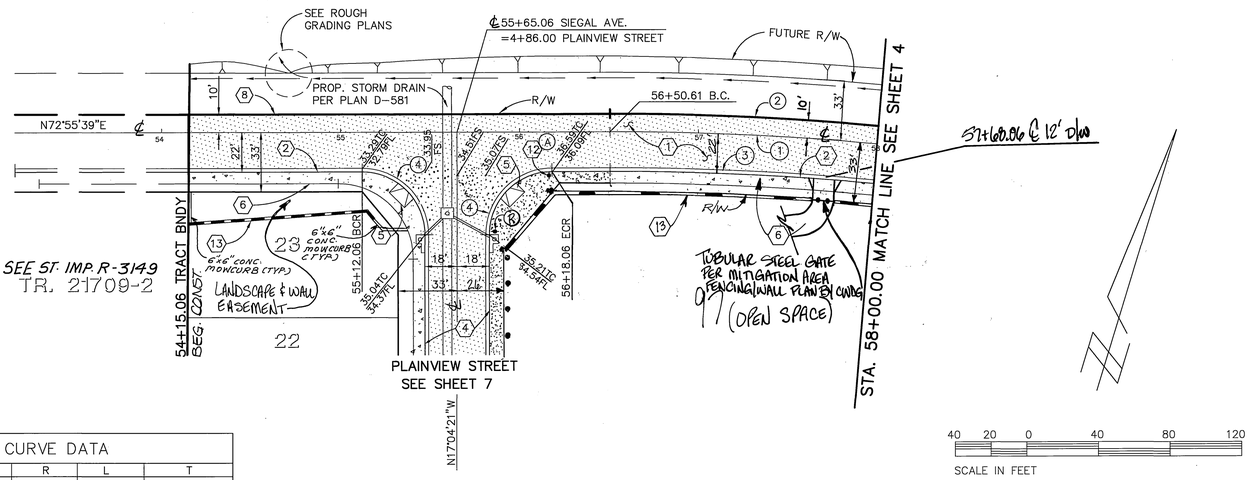
FOR McMILLIN
W.O.F.B. FILE NO. 1001-012

RE-4/19-5

INDEXED 10-19-99 GH



PROFILE SCALES
1"=40' HORIZ.
1"=4' VERT.



CURVE DATA				
NO.	△	R	L	T
①	5°20'59"	1600.00'	149.39'	74.75'
②	5°20'59"	1610.00'	150.32'	75.22'
③	5°20'59"	1578.00'	147.34'	73.72'
④	90°00'00"	35.00'	54.98'	35.00'

SIEGAL AVENUE

Underground Service Alert
Call: TOLL FREE
1 – 800
227 – 2600
TWO WORKING DAYS BEFORE YOU DIG

PRIVATE ENGINEERING NOTE

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REGISTERED PROFESSIONAL ENGINEER
JOHN W. CANTY
No. 17550
Exp. 6-30-01
CIVIL
STATE OF CALIFORNIA

PREPARED UNDER THE DIRECTION OF:
JOHN W. CANTY
REGISTERED CIVIL ENGINEER NO. 17550
EXPIRATION DATE: 9-30-01 DATE: 11/29/99

CANTY ENGINEERING GROUP, INC.
CIVIL ENGINEERING – PLANNING – SURVEYING
3120 CHICAGO AVENUE, SUITE 180, P.O. BOX 52050, RIVERSIDE, CA 92517
TEL (909) 683 – 5234 FAX (909) 683 – 5301
CITY OF RIV. BUSINESS TAX ACCT. NO. 69372 EXP. DATE 04-07-00

SCALE: AS NOTED
DATE: OCT. 1998

BENCH MARK: E8-F3 ELEV. 1665.160 DATE: 1997
P.K. NAIL AND CITY ENGINEER TAG ON THE SIDEWALK OVER THE W'LY. WALL OF A CATCH BASIN ALONG THE S'LY. CURB OF ORANGE TERRACE PKWY., 100 FEET E'LY. OF TRAUTWEIN RD. THE MARK IS 2 FEET S'LY. OF THE FACE OF CURB. ADJUSTED AND ENTERED. JUNE 1997.

MARK	REVISIONS	APPR.	DATE

DESIGNED BY B.C. DRAWN BY C.C. CHECKED BY J.W.C.

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY	BY	DATE
PRINCIPAL ENGR.		
PARK DEPARTMENT		
TRAFFIC DIVISION		
P.W. ENG. MGR.		
ST. SERVICES		

APPROVED BY R. McGrath
DIRECTOR OF PUBLIC WORKS
DATE 10-7-99

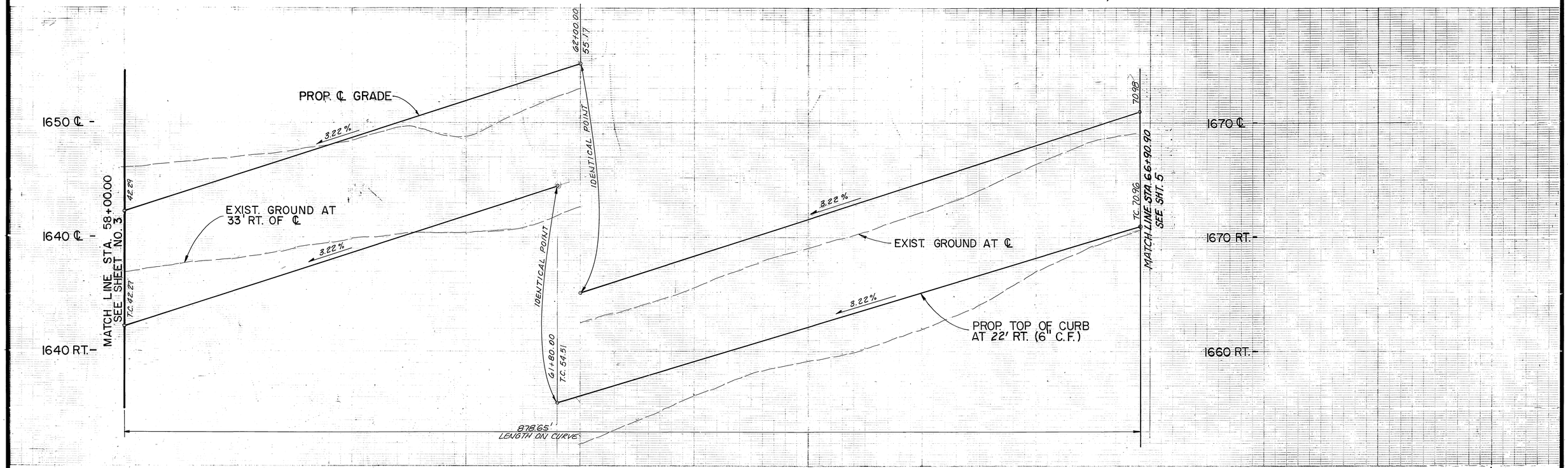
TRACT NO. 21709-4
STREET IMPROVEMENTS PLAN
SIEGAL AVENUE
STA. 54+15.06 TO STA. 58+00.00
HORIZ. SCALE: 1"=40' VERT. SCALE: 1"=4'

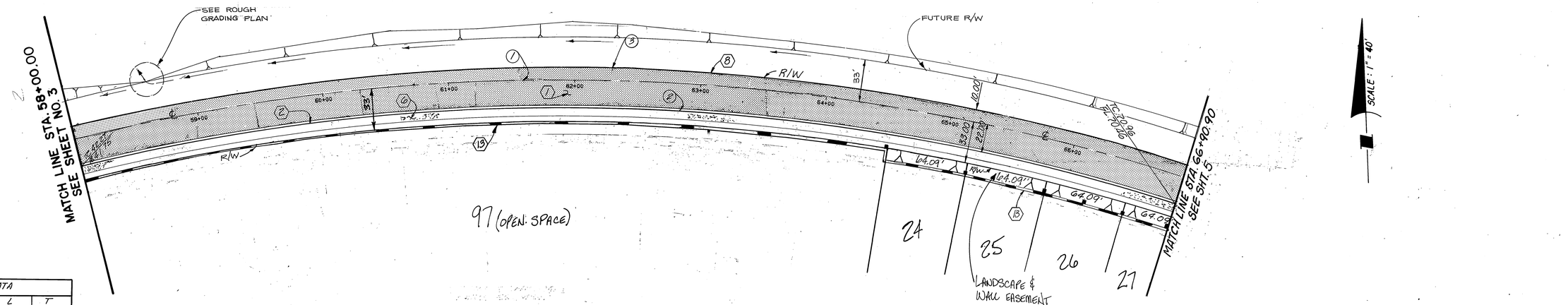
W.O. 1001-012
R-3151
SHEET 3 OF 12
FOR: McMILLIN

AC-4/19-5

FEED

INDEXED 10-19-99 LH





CURVE DATA				
NO	Δ	R	L	T
①	31°54'11"	1600.00'	890.90'	457.33'
②	31°54'11"	1578.00'	878.65'	451.04'
③	31°54'11"	1610.00'	896.47'	460.19'

SIEGAL AVENUE

NOTE: SEE SHEET No. 1 FOR GENERAL NOTES.
SEE SHEET No. 2 FOR CONSTRUCTION NOTES.

SCALE: 1" = 40'
0 20 40 80 120 160

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

REGISTERED PROFESSIONAL ENGINEER JOHN W. CANTY No. 17550 Exp. 6-30-01 CIVIL STATE OF CALIFORNIA

Underground Service Alert
Call: TOLL FREE
1-800
227-2600
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. CANTY
REGISTERED CIVIL ENGINEER NO. 17550
EXPIRATION DATE: 6-30-01
DATE: 11/29/99

CEG CANTY ENGINEERING GROUP, INC.
CIVIL ENGINEERING - PLANNING - SURVEYING
2020 IOWA AVENUE, SUITE 102, P.O. BOX 52050, RIVERSIDE, CA 92517
TEL (909) 683 - 9234 FAX (909) 683 - 5301
CITY OF RIVERSIDE BUSINESS TAX ACCT. NO. 69372 EXP. 04-07-00
SCALE AS NOTED
DATE OCT. 1999

BENCH MARK: EB-F3 ELEV= 1665.160 DATE: 1997
P.K. NAIL AND CITY ENGINEER TAG ON THE SIDEWALK OVER THE W'LY. WALL OF A CATCH BASIN ALONG THE S'LY. CURB OF ORANGE TERRACE PKWY., 100 FEET E'LY. OF TRAUTWEIN ROAD. THE MARK IS 2 FEET S'LY. OF THE FACE OF CURB. ADJUSTED AND ENTERED JUNE 1997.

MARK	REVISIONS	APPR.	DATE

DESIGNED BY TD DRAWN BY JC CHECKED BY JMP

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

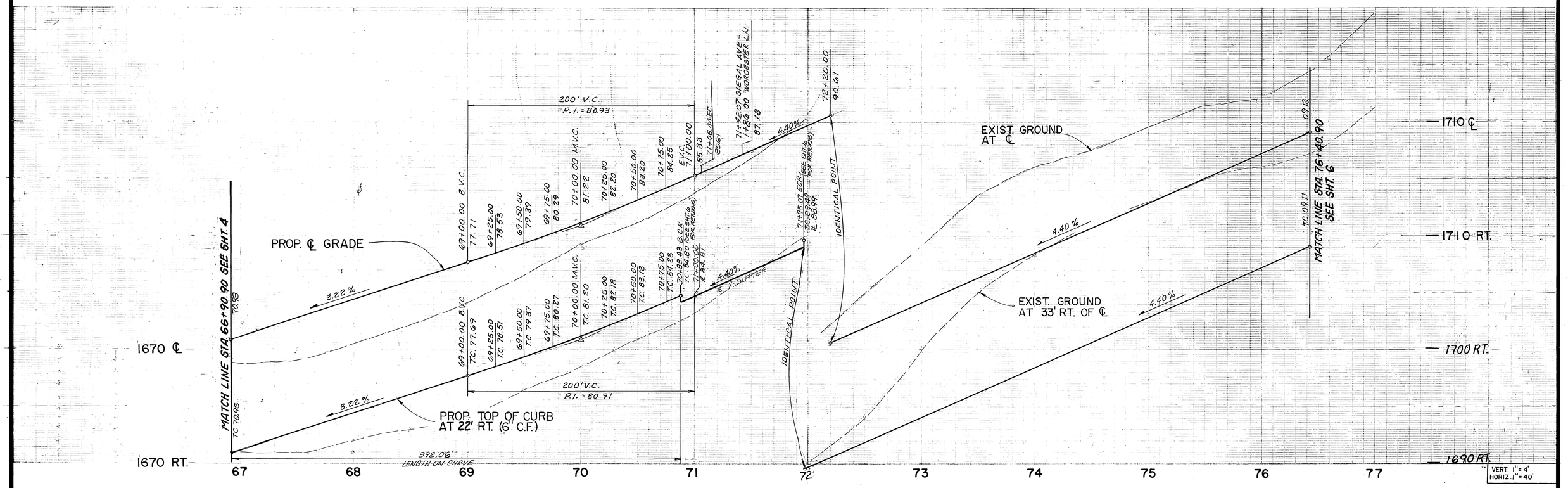
APPROVED BY	DATE	BY
PRINCIPAL ENGINEER	12/7/99	
PARK DEPARTMENT	12/22/99	
TRAFFIC DIVISION	12/10/99	
P. W. ENGINEER MGR.		
ST. SERVICES	12/16/99	

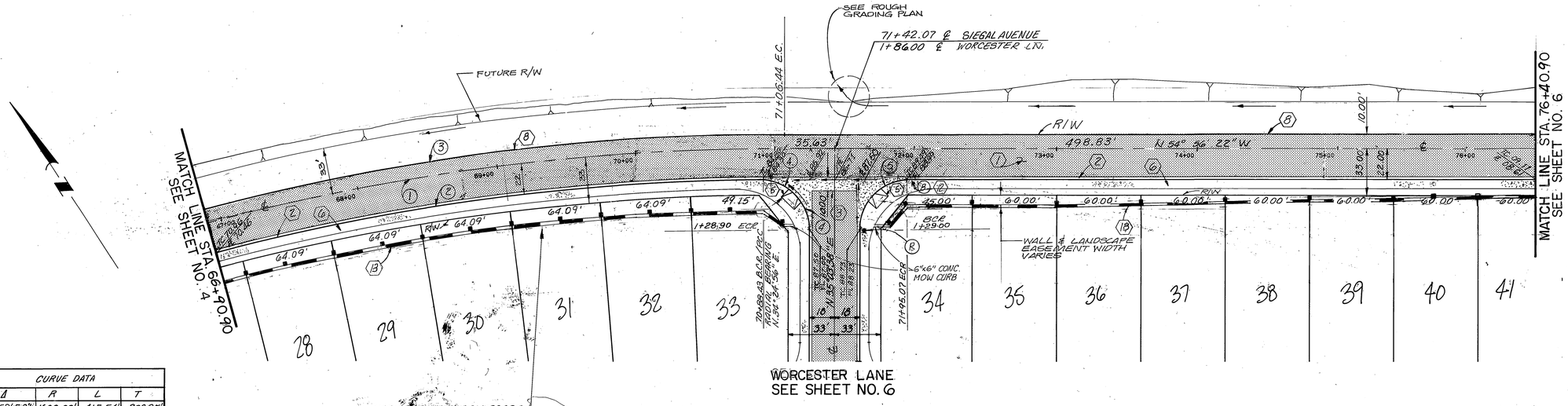
APPROVED BY R. McGrath
PUBLIC WORKS DIRECTOR
DATE 10-7-99

TRACT 21709-4
STREET PLAN AND PROFILE
SIEGAL AVENUE
STA. 58+00.00 TO STA. 66+90.90
HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 4'

W.O. 1001-012
R-3151
SHEET 4 OF 12
FOR: McMILLIN

INDEXED 10-19-99 GH





CURVE DATA				
NO	Δ	R	L	T
(1)	14°52'50"	1600.00'	415.54'	208.95'
(2)	14°14'08"	1578.00'	392.06'	197.05'
(3)	14°52'50"	1610.00'	418.14'	210.25'
(4)	90°38'42"	35.00'	55.37'	35.38'
(5)	90°00'00"	35.00'	54.98'	35.00'

SIEGAL AVENUE

NOTE : SEE SHEET No. 1 FOR GENERAL NOTES.
SEE SHEET No. 2 FOR CONSTRUCTION NOTES.

SCALE: 1"=40'

Underground Service Alert
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1-800
227-2600
TWO WORKING DAYS BEFORE YOU DIG

PRIVATE ENGINEERING NOTE

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PREPARED UNDER THE DIRECTION OF:
JOHN W. CANTY
REGISTERED CIVIL ENGINEER NO. 47550
EXPIRATION DATE: 6-30-01
DATE: 1/29/99

CEG CANTY ENGINEERING GROUP, INC.
CIVIL ENGINEERING - PLANNING - SURVEYING
2020 IOWA AVENUE, SUITE 102, P.O. BOX 52050, RIVERSIDE, CA 92517
TEL. (909) 683-5234 FAX (909) 683-5301
CITY OF RIVERSIDE BUSINESS TAX ACCT. NO. 043726 EXP 04-07-00

SCALE AS NOTED
DATE OCT. 1998

BENCH MARK: EB-F3 ELEV= 1665.160 DATE: 1997
P.K. NAIL AND CITY ENGINEER TAG ON THE SIDEWALK OVER THE W'LY. WALL OF A CATCH BASIN ALONG THE S'LY. CURB OF ORANGE TERRACE PKWY., 100 FEET E'LY. OF TRAUTWEIN ROAD. THE MARK IS 2 FEET S'LY. OF THE FACE OF CURB. ADJUSTED AND ENTERED JUNE 1997.

MARK	REVISIONS	APPR.	DATE

DESIGNED BY T.P. DRAWN BY J.C. CHECKED BY J.W.P.

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

APPROVED BY	DATE	BY
PRINCIPAL ENGINEER	10/7/99	
PARK DEPARTMENT	9/22/99	
TRAFFIC DIVISION	9/30/99	
P.W. ENGINEER MGR.		
ST. SERVICES	10/5/99	

APPROVED BY R. McGrath
PUBLIC WORKS DIRECTOR
DATE 10-7-99

TRACT 21709-4
STREET PLAN AND PROFILE
SIEGAL AVENUE
STA. 66+90.90 TO STA. 76+40.90

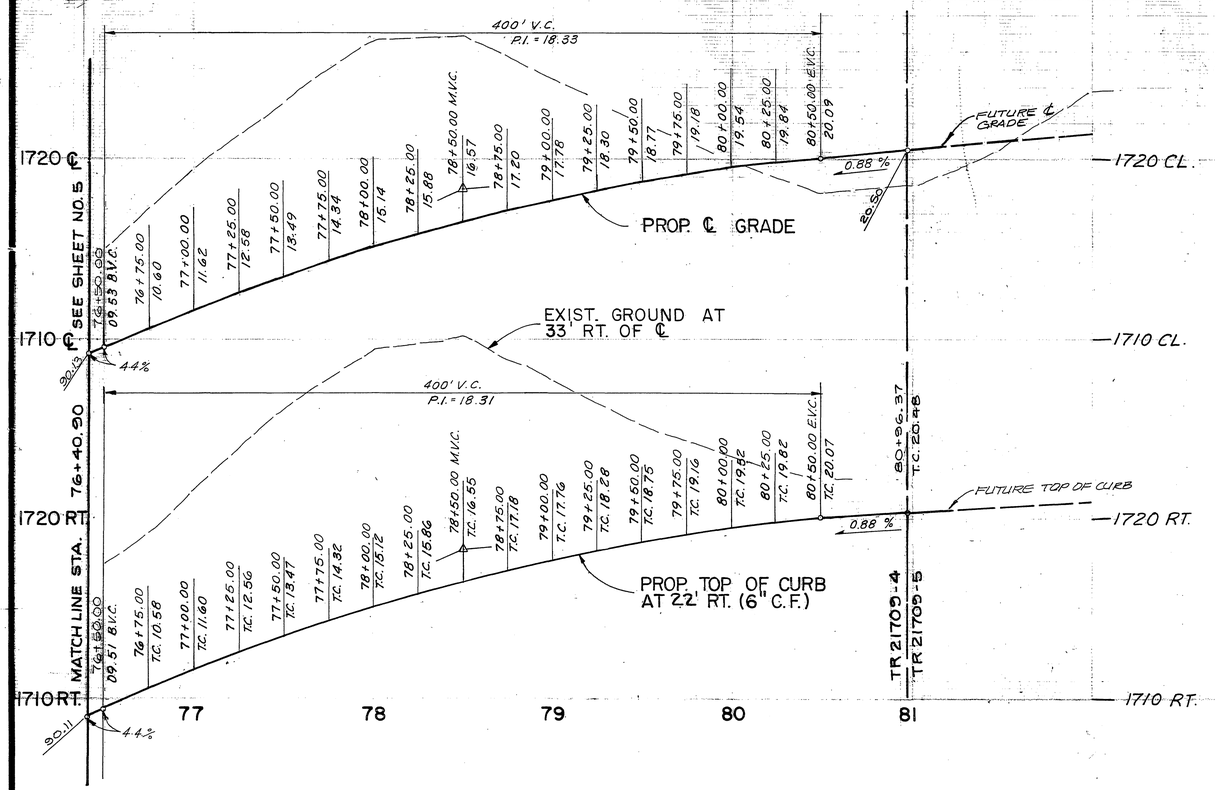
HORIZ. SCALE: 1"=40' VERT. SCALE: 1"=4'

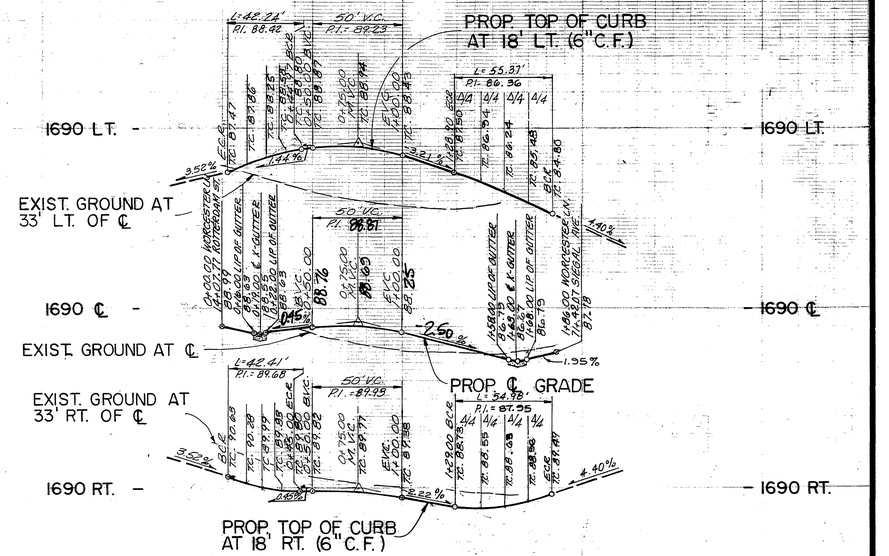
W.O.-1001-012
R-3151
SHEET 5 OF 12
FOR: McMILLIN

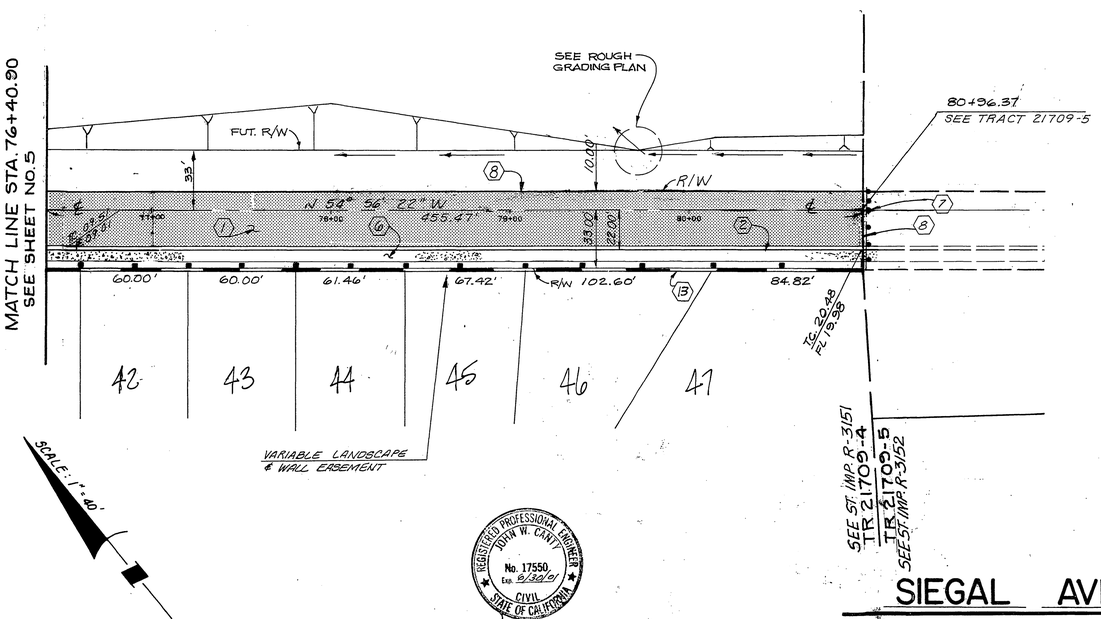
PC-4119-5

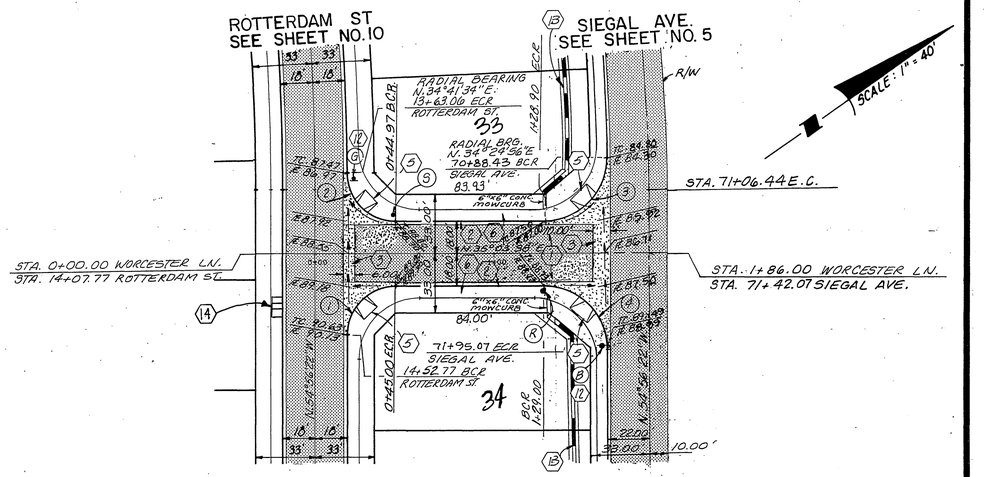
FRED

INDEXED 10-19-99 KH









SIEGAL AVENUE

WORCESTER LANE

CURVE DATA				
No.	Δ	R	L	T
(1)	90°00'00"	27.00'	42.41'	27.00'
(2)	89°37'55"	27.00'	42.24'	26.83'
(3)	90°38'42"	35.00'	55.37'	35.39'
(4)	90°00'00"	35.00'	54.98'	35.00'

NOTE: SEE SHEET No. 1 FOR GENERAL NOTES.
SEE SHEET No. 2 FOR CONSTRUCTION NOTES.

0 20 40 80 120 160
SCALE: 1"=40'

REGISTERED PROFESSIONAL ENGINEER JOHN W. CANTY No. 17550 Exp. 6/30/01 CIVIL STATE OF CALIFORNIA

Underground Service Alert — Call: TOLL FREE 1-800 227-2600 — 2 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. CANTY
REGISTERED CIVIL ENGINEER NO. 17550
EXPIRATION DATE: 6-30-01 DATE: 8/31/99

CBG CANTY ENGINEERING GROUP, INC.
CIVIL ENGINEERING - PLANNING - SURVEYING
2020 IOWA AVENUE, SUITE 102, P.O. BOX 52050, RIVERSIDE, CA 92517
TEL (909) 683 - 5234 FAX (909) 683 - 5301
CITY OF RIVERSIDE BUSINESS TAX ACCT. NO. 0A512 EXP 04-01-00

SCALE AS NOTED
DATE OCT. 1998

BENCH MARK EB-F3 ELEV: 1665.160 DATE: 1997
P.K. NAIL AND CITY ENGINEER TAG ON THE SIDEWALK OVER THE W'LY. WALL OF A CATCH BASIN ALONG THE S'LY. CURB OF ORANGE TERRACE PKWY., 100 FEET E'LY. OF TRAUTWEIN ROAD. THE MARK IS 2 FEET S'LY. OF THE FACE OF CURB. ADJUSTED AND ENTERED JUNE 1997.

MARK	REVISIONS	APPR.	DATE

DESIGNED BY TP DRAWN BY JC CHECKED BY TMP

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

APPROVED BY	DATE	BY
PRINCIPAL ENGINEER	10/5/99	
PARK DEPARTMENT	9/28/99	
TRAFFIC DIVISION	9/30/99	
— P.W. ENGINEER MGR.		
ST. SERVICES	9/17/99	

APPROVED BY R. McGrath
PUBLIC WORKS DIRECTOR
DATE 10-7-99

TRACT 21709 – 4
STREET PLAN AND PROFILE
SIEGAL AVE. & WORCESTER LANE
STA. 76+50.00 TO STA. 80+96.37 SIEGAL AVE.
STA. 0+00.00 TO STA. 1+86.00 WORCESTER LANE
HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 4'

W.O. 1001-012
R-3151
SHEET 6 OF 12
FOR: McMILLIN

PC-4119-5

FRED

INDEXED 10-19-99 GH

EXIST. GROUND AT 33' LT. OF ℄

PROP. TOP OF CURB AT 18' LT. (6" C.F.)

PROP. TOP OF CURB AT 18' LT. (8" C.F.)

EXIST. GROUND AT ℄

PROP. ℄ GRADE

EXIST. GROUND AT 33' RT. OF ℄

PROP. TOP OF CURB AT 18' RT. (6" C.F.)

PROP. TOP OF CURB AT 18' RT. (8" C.F.)

MATCH LINE STA. 1+03.80 SEE THIS SHEET AT RIGHT

1650 LT. — 1640 LT.

1650 ℄ — 1640 ℄

1650 RT. — 1640 RT.

1660 LT. — 1670 LT.

1660 ℄ — 1670 ℄

1660 RT. — 1670 RT.

MATCH LINE STA. 5+00.00 SEE SHEET NO. 8

421.14' LENGTH ON CURVE

L=42.41' ON CURVE P.I. 57.38

L=70.69' ON CURVE

130.69' V.C. P.I. 57.54

L=116.97' ON CURVE

87.00' V.C. P.I.=55.42'

338.05' LENGTH ON CURVE

43.50' 43.50' 78.47' 43.50' 19.02'

21.75' TYP.

2.56%

2.54%

2.58%

7.11%

4.16%

2.05%

3.12%

1.90%

0.87%

SCALE: 1"=40'

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

4+86.00 PLAINVIEW ST. 55+65.06 SIEGAL AVE.

SEE SHEET NO. 3

STA. 3+00.00 PLAINVIEW ST. STA. 0+00.00 ROTTERDAM ST.

PROP. STORM DRAIN PER PLAN D-581

BCR STA. 35+12.06

ECR STA. 56+18.06

STA. 4+29.00 ECR

STA. 4+29.00 BCR

STA. 4+24.50 P.C.C.B. & M.H. No. 8 Q100=15.0' Q10=10.6 cfs

STA. 4+24.50 P.C.C.B. Q100=17.1 cfs Q10=12.8 cfs

ROTTERDAM STREET SEE SHEET NO. 9

PLAINVIEW STREET SEE THIS SHEET AT LEFT

SIEGAL AVENUE

MATCH LINE STA. 5+00.00 SEE SHEET NO. 8

82

97 (OPEN SPACE)

17

16

15

14

13

12

11

10

9

8

7

6

84

85

86

87

88

89

90

61.68' PROP. STORM DRAIN PER PLAN D-581

SCALE: 1"=40'

CURVE DATA

No.	Δ	R	L	T
(1)	90°00'00"	45.00'	70.69'	45.00'
(2)	21°18'58"	1114.00'	414.45'	209.65'
(3)	21°18'58"	1132.00'	421.14'	213.03'
(4)	20°17'10"	1096.00'	338.05	196.08'
(5)	10°53'58"	100.00'	19.02'	9.54'
(6)	109°52'10"	61.00'	116.97'	80.91'
(7)	10°00'00"	100.00'	17.45'	8.75'
(8)	90°00'00"	35.00'	54.98'	35.00'
(9)	90°00'00"	27.00'	42.41'	27.00'

NOTE: SEE SHEET No. 1 FOR GENERAL NOTES.
SEE SHEET No. 2 FOR CONSTRUCTION NOTES.

PLAINVIEW STREET

STA. 0+00.00 ALLENHURST ST.
STA. 0+00.00 PLAINVIEW ST.

ALLENHURST STREET

REGISTERED PROFESSIONAL ENGINEER JOHN W. CANTY No. 17550 Exp. 6/30/01 CIVIL STATE OF CALIFORNIA

Underground Service Alert
CALL TOLL FREE 1-800 227-2600
TWO WORKING DAYS BEFORE YOU DIG.

PRIVATE ENGINEERING NOTE
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PREPARED UNDER THE DIRECTION OF:
JOHN W. CANTY
REGISTERED CIVIL ENGINEER NO. 17550
EXPIRATION DATE: 6-30-01 DATE: 1/29/99

CBG CANTY ENGINEERING GROUP, INC.
CIVIL ENGINEERING - PLANNING - SURVEYING
2020 IOWA AVENUE, SUITE 102, P.O. BOX 52050, RIVERSIDE, CA 92517
TEL. (909) 683-5234 FAX (909) 683-5901
CITY OF RIVERSIDE BUSINESS TAX ACCT. NO. 04-07-00

SCALE AS NOTED
DATE OCT. 1998

BENCH MARK: EB-#3 ELEV: 1665.160 DATE: 1997
P.K. NAIL AND CITY ENGINEER TAG ON THE SIDEWALK OVER THE W'LY. WALL OF A CATCH BASIN ALONG THE S'LY. CURB OF ORANGE TERRACE PKWY., 100 FEET E'LY. OF TRAUTWEIN ROAD. THE MARK IS 2 FEET S'LY. OF THE FACE OF CURB. ADJUSTED AND ENTERED JUNE 1997.

MARK	REVISIONS	APPR.	DATE

DESIGNED BY RDO DRAWN BY JC CHECKED BY TMP

FILED

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

APPROVED BY	DATE	BY
PRINCIPAL ENGINEER	10/7/99	TMP
PARK DEPARTMENT	9/27/99	RDO
TRAFFIC DIVISION	9/29/99	RDO
P. W. ENGINEER MGR.		
ST. SERVICES	11/16/99	RDO

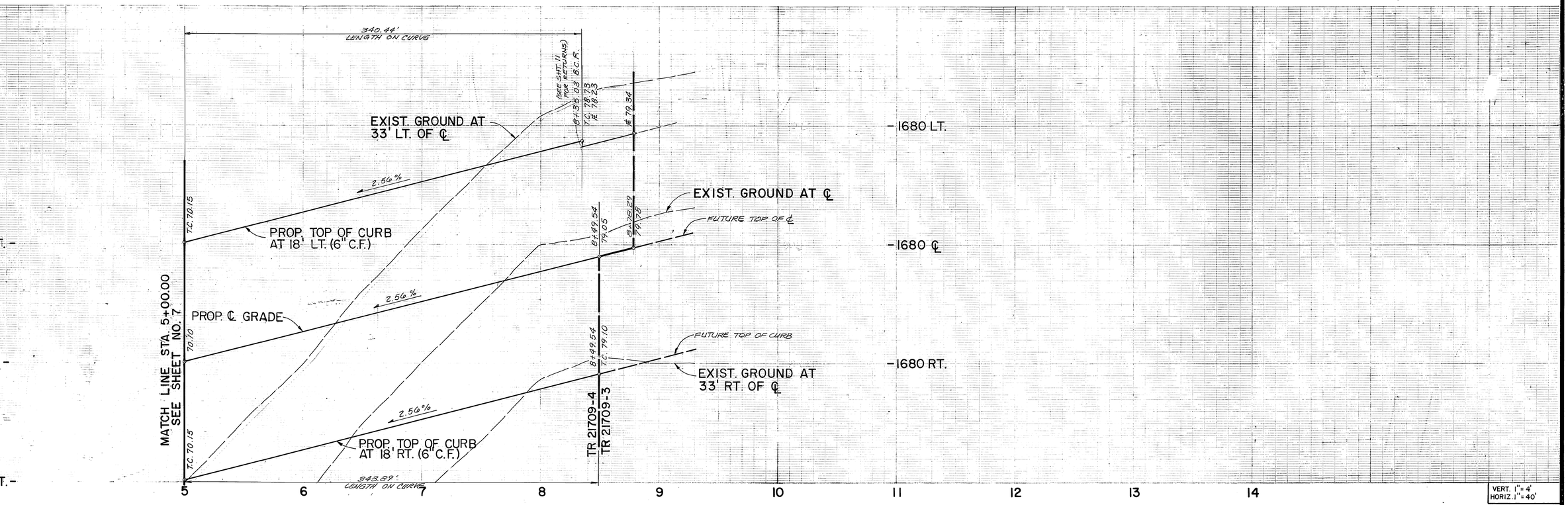
APPROVED BY R. McGrath
PUBLIC WORKS DIRECTOR
DATE 10-7-99

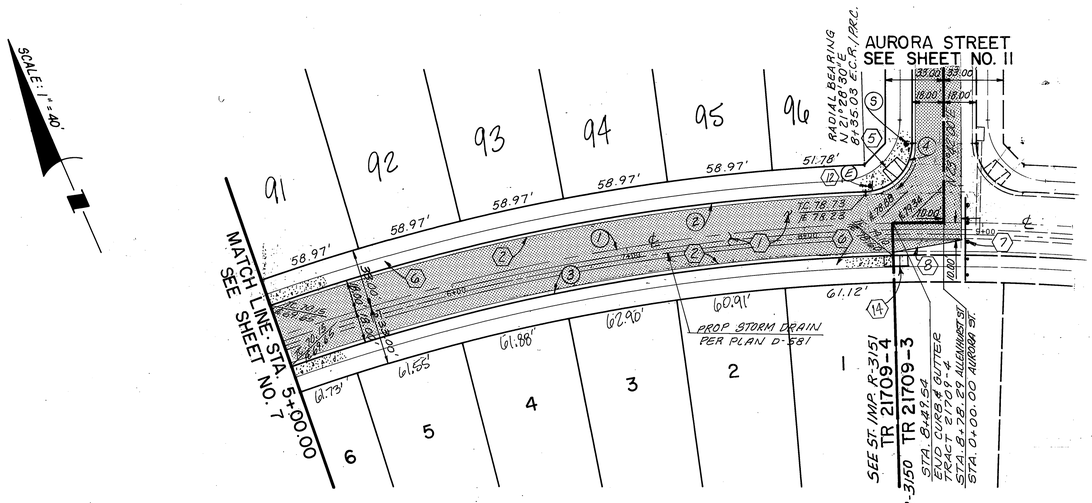
TRACT 21709-4
STREET PLAN AND PROFILE
PLAINVIEW ST. & ALLENHURST ST.
STA. 1+03.80 TO STA. 4+86.00 PLAINVIEW ST.
STA. 0+00.00 TO STA. 5+00.00 ALLENHURST ST.
HORIZ. SCALE: 1"= 40' VERT. SCALE: 1"= 4'

W.O. 1001-012
R-3151
SHEET 7 OF 12
FOR: McMILLIN

AE-4/19-5

INDEXED 10-19-99 GH





CURVE DATA				
NO	Δ	R.	L.	T.
(1)	19°27'23"	1114.00'	378.29'	190.98'
(2)	17°58'40"	1096.00'	343.89'	173.37'
(3)	17°13'53"	1132.00'	340.44'	171.51'
(4)	87°46'29"	27.00'	41.36'	25.97'

REGISTERED PROFESSIONAL ENGINEER JOHN W. CANTY No. 17550 Exp. 6/30/01 CIVIL STATE OF CALIFORNIA

ALLENHURST STREET

NOTE: SEE SHEET No. 1 FOR GENERAL NOTES.
SEE SHEET No. 2 FOR CONSTRUCTION NOTES.

SCALE: 1"=40'

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227-2600
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PREPARED UNDER THE DIRECTION OF:
John W Canty
JOHN W. CANTY
REGISTERED CIVIL ENGINEER NO. 17550
EXPIRATION DATE: 6-30-01
DATE: 11/29/99

CEG CANTY ENGINEERING GROUP, INC.
CIVIL ENGINEERING - PLANNING - SURVEYING
2020 IOWA AVENUE, SUITE 102, P.O. BOX 52050, RIVERSIDE, CA 92517
TEL (909) 683-5234 FAX (909) 683-5301

CITY OF RIVERSIDE BUSINESS TAX ACCT. NO. 69372 EXP. 04-07-00

SCALE AS NOTED
DATE OCT. 1998

BENCH MARK: EB-F3 ELEV: 1665.160 DATE: 1997
P.K. NAIL AND CITY ENGINEER TAG ON THE SIDEWALK OVER THE V-LK. WALL OF A CATCH BASIN ALONG THE S'LY. CURB OF ORANGE TERRACE PKWY., 100 FEET E'LY. OF TRAUTWEIN ROAD. THE MARK IS 2 FEET S'LY. OF THE FACE OF CURB. ADJUSTED AND ENTERED JUNE 1997.

MARK	REVISIONS	APPR.	DATE

DESIGNED BY IP DRAWN BY GRJC CHECKED BY JMP

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

APPROVED BY	DATE	BY
PRINCIPAL ENGINEER	10/5/99	
PARK DEPARTMENT	9/22/99	
TRAFFIC DIVISION	9/30/99	
P. W. ENGINEER MGR.		
ST. SERVICES	10/7/99	

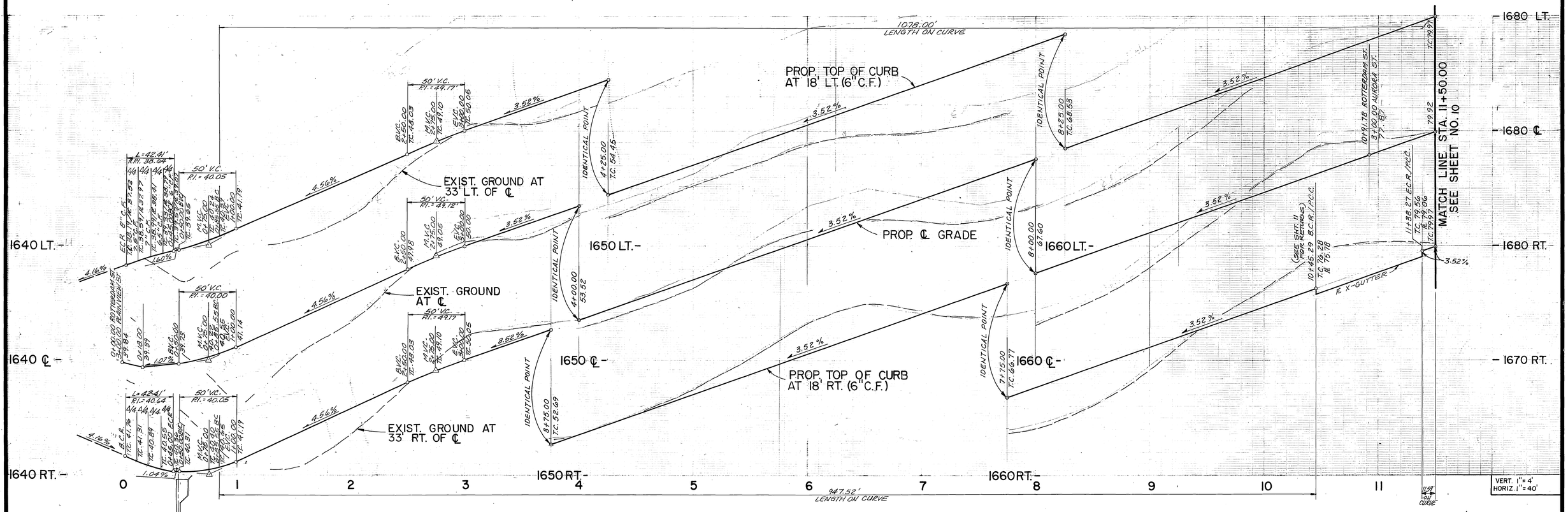
APPROVED BY R. McGrath
PUBLIC WORKS DIRECTOR
DATE 10-7-99

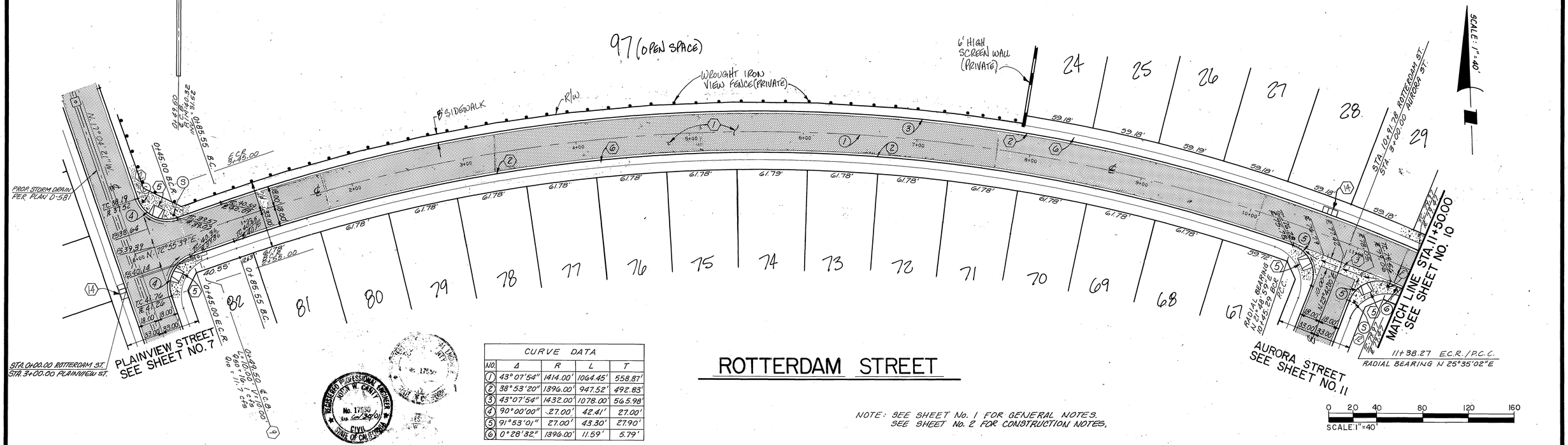
TRACT 21709-4
STREET PLAN AND PROFILE
ALLENHURST STREET
STA. 5+00.00 TO STA. 8+78.29

W.O. 1001-012
R-3151
SHEET 8 OF 12
HORIZ. SCALE: 1"=40' VERT. SCALE: 1"=4'
FOR: McMILLIN

PC-4119-5

FILED
INDEXED 10-19-99 GH





CURVE DATA				
NO.	Δ	R	L	T
(1)	43°07'54"	1414.00'	1064.45'	558.87'
(2)	38°53'20"	1896.00'	947.52'	492.83'
(3)	43°07'54"	1432.00'	1078.00'	565.98'
(4)	90°00'00"	27.00'	42.41'	27.00'
(5)	91°53'01"	27.00'	43.30'	27.90'
(6)	0°28'32"	1896.00'	11.59'	5.79'

ROTTERDAM STREET

NOTE: SEE SHEET No. 1 FOR GENERAL NOTES.
SEE SHEET No. 2 FOR CONSTRUCTION NOTES.

Underground Service Alert
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Call: TOLL FREE
1-800
227-2600
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. CANTY
REGISTERED CIVIL ENGINEER NO. 17550
EXPIRATION DATE: 6-30-01
DATE: 11/29/99

REGISTERED PROFESSIONAL ENGINEER JOHN W. CANTY No. 17550 Exp. 6-30-01 CIVIL STATE OF CALIFORNIA

CANTY ENGINEERING GROUP, INC.
CIVIL ENGINEERING - PLANNING - SURVEYING
2020 IOWA AVENUE, SUITE 102, P.O. BOX 52050, RIVERSIDE, CA 92517
TEL (909) 683 - 5234 FAX (909) 683 - 5301
CITY OF RIVERSIDE BUSINESS TAX ACCT. NO. 043572 EXP. 04-01-00

SCALE: AS NOTED
DATE: OCT. 1998

BENCH MARK: EB-F3, ELEV: 1665.160 DATED 1997
P.K. NAIL AND CITY ENGINEER TAG ON THE SIDEWALK OVER THE W'LY. WALL OF A CATCH BASIN ALONG THE S'LY. CURB OF ORANGE TERRACE PKWY., 100 FEET E'LY. OF TRAUTWEIN ROAD. THE MARK IS .2 FEET S'LY. OF THE FACE OF CURB. ADJUSTED AND ENTERED JUNE 1997.

MARK	REVISIONS	APPR.	DATE

DESIGNED BY IP DRAWN BY GdeVilla CHECKED BY JWP

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

APPROVED BY	DATE	BY
PRINCIPAL ENGINEER	6/5/00	JC
PARK DEPARTMENT	6/22/00	RB
TRAFFIC DIVISION	7/24/00	JB
P.W. ENGINEER/MGR. ST. SERVICES	7/19/00	EA

APPROVED BY: R. McGrath
PUBLIC WORKS DIRECTOR
DATE: 10-7-99

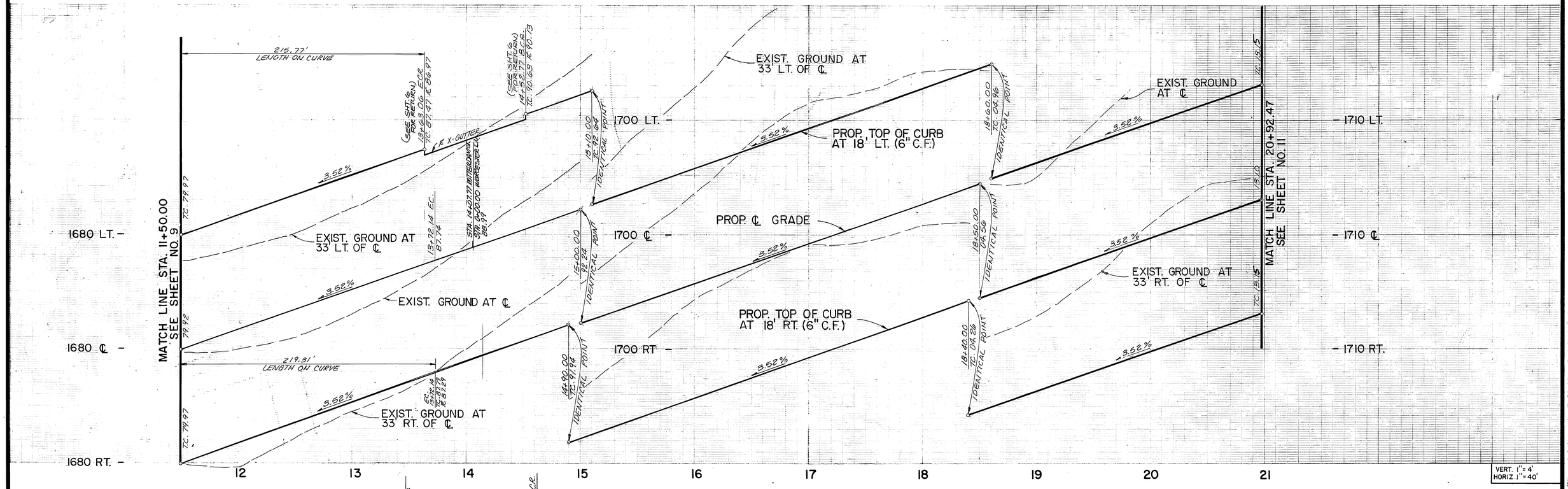
TRACT 21709 - 4
STREET PLAN AND PROFILE
ROTTERDAM STREET
STA. 0+00.00 TO STA. 11+50.00
HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 4'

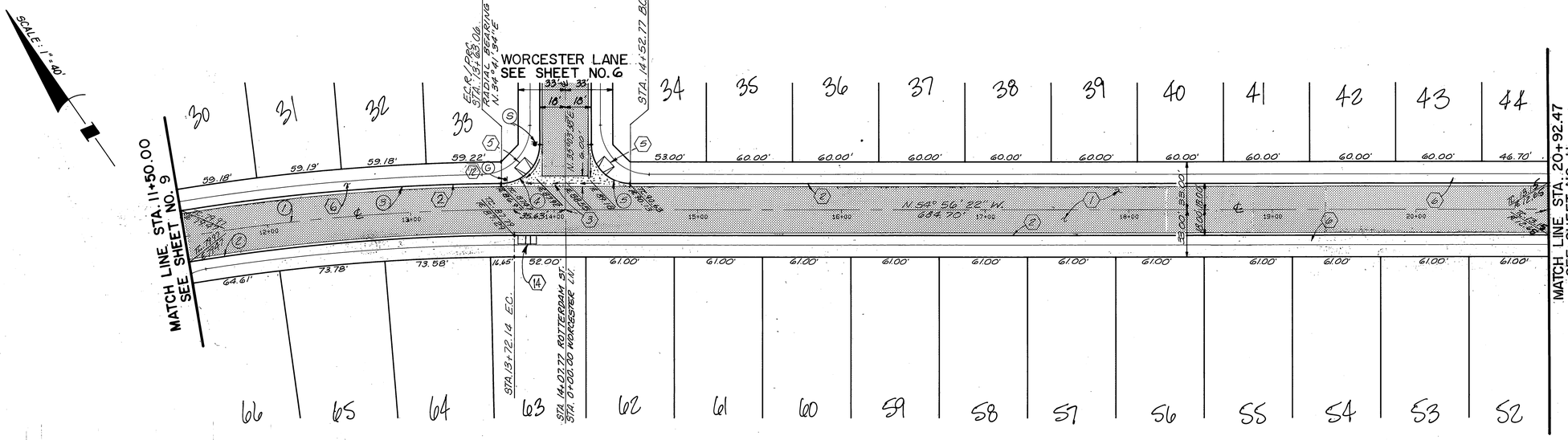
W.O. 1001-012
R-3151
SHEET 9 OF 12
FOR McMILLIN

RC-4/19-5

FILED

INDEXED 10-19-99 GH





CURVE DATA				
No.	Δ	R	L	T
1	09°00'05"	1414.00'	222.14'	111.30'
2	09°00'05"	1396.00'	219.31'	109.88'
3	08°36'00"	1432.00'	215.77'	108.09'
4	89°37'55"	27.00'	42.24'	26.83'
5	90°00'00"	27.00'	42.41'	27.00'

ROTTERDAM STREET

NOTES: SEE SHEET No. 1 FOR GENERAL NOTES.
SEE SHEET No. 2 FOR CONSTRUCTION NOTES.

SCALE: 1"=40'

Underground Service Alert
CALL BEFORE YOU DIG
Call: TOLL FREE
1-800
227-2600
TWO WORKING DAYS BEFORE YOU DIG

PRIVATE ENGINEERING NOTE

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PREPARED UNDER THE DIRECTION OF:
JOHN W. CANTY
REGISTERED CIVIL ENGINEER NO. 17550
EXPIRATION DATE: 6-30-01
DATE: 1/29/99

REGISTERED PROFESSIONAL ENGINEER JOHN W. CANTY No. 17550 Exp. 6/30/01 CIVIL STATE OF CALIFORNIA

CEG CANTY ENGINEERING GROUP, INC.
CIVIL ENGINEERING - PLANNING - SURVEYING
2020 IOWA AVENUE, SUITE 102, P.O. BOX 52050, RIVERSIDE, CA 92517
TEL (909) 683 - 5234 FAX (909) 683 - 5301
CITY OF RIVERSIDE BUSINESS TAX ACCT. No. 69312 EXP. 04-07-00
SCALE: AS NOTED
DATE: OCT., 1998

BENCH MARK: EB-F-3 "ELEV.-1665.160 DATE: 1997
P.K. NAIL AND CITY ENGINEER TAG ON THE SIDEWALK OVER THE W'LY. WALL OF A CATCH BASIN ALONG THE S'LY. CURB OF ORANGE TERRACE PKWY., 100 FEET E'LY. OF TRAUTWEIN ROAD. THE MARK IS 2 FEET S'LY. OF THE FACE OF CURB. ADJUSTED AND ENTERED JUNE 1997.

MARK	REVISIONS	APPR.	DATE
	ST. SERVICES	PL	11/6/99

DESIGNED BY IP DRAWN BY JC/GR CHECKED BY JMP

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

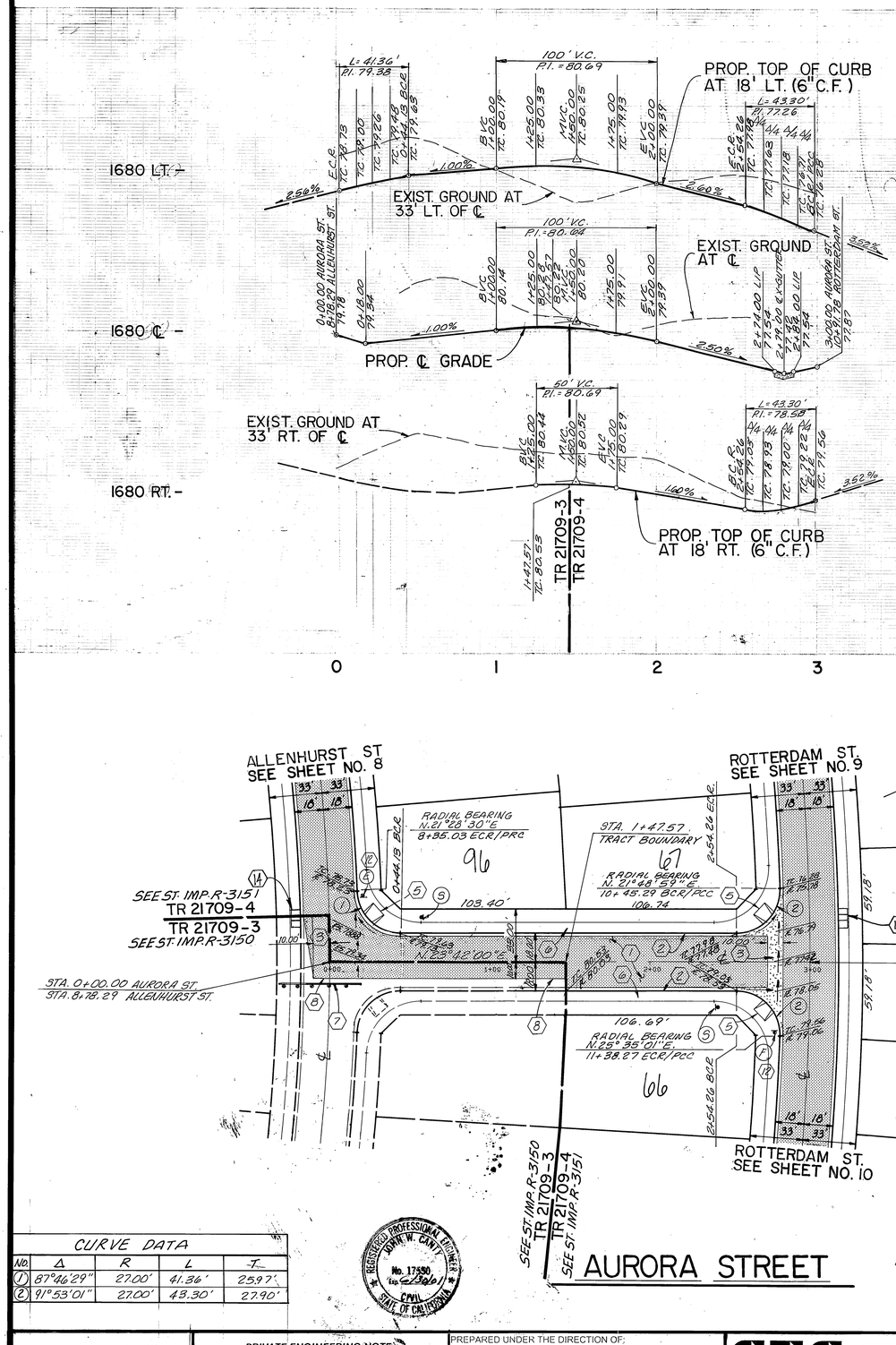
APPROVED BY	DATE	BY
PRINCIPAL ENGINEER	10/8/99	
PARK DEPARTMENT	10/22/99	
TRAFFIC DIVISION	11/30/99	
P.W. ENGINEER/MGR.		

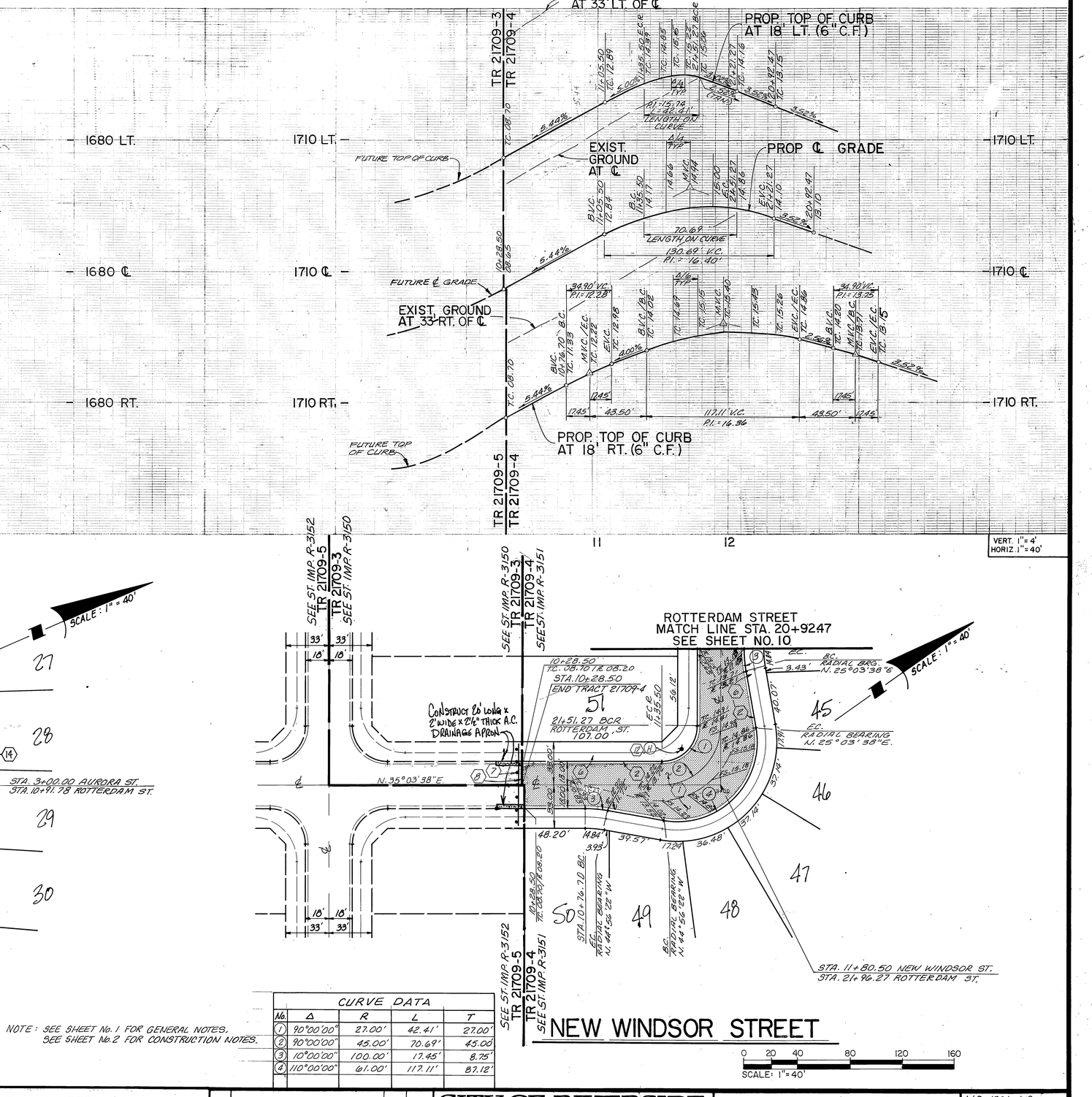
APPROVED BY: R. McGrath
PUBLIC WORKS DIRECTOR
DATE: 10-7-99

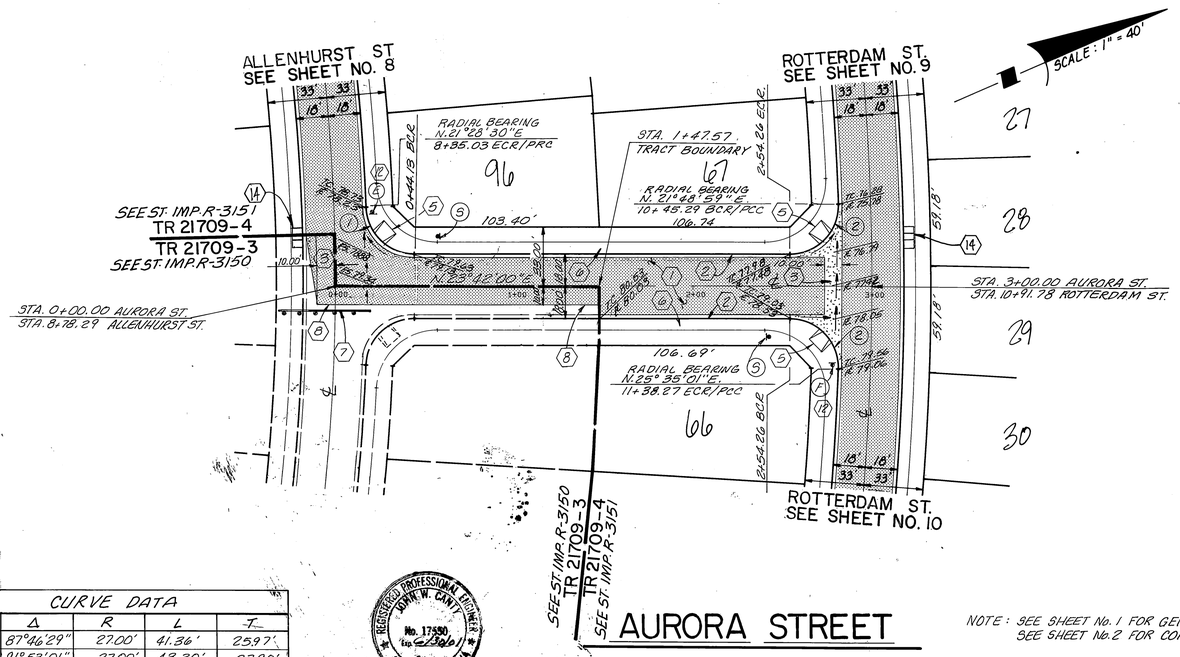
TRACT 21709 – 4
STREET PLAN AND PROFILE
ROTTERDAM STREET
STA. 11+50.00 TO STA. 20+92.47
HORIZ. SCALE: 1"= 40' VERT. SCALE: 1"= 4'

W.O. 1001-012
R-3151
SHEET 10 OF 12
FOR: McMILLIN

INDEXED 10-19-99 FH







CURVE DATA				
NO.	Δ	R	L	T
(1)	87°46'29"	27.00'	41.36'	25.97'
(2)	91°53'01"	27.00'	43.30'	27.90'

CURVE DATA				
NO.	Δ	R	L	T
(1)	90°00'00"	27.00'	42.41'	27.00'
(2)	90°00'00"	45.00'	70.69'	45.00
(3)	10°00'00"	100.00'	17.45'	8.75'
(4)	110°00'00"	61.00'	117.11'	87.12'

NOTE: SEE SHEET No. 1 FOR GENERAL NOTES. SEE SHEET No. 2 FOR CONSTRUCTION NOTES.

REGISTERED PROFESSIONAL ENGINEER JOHN W. CANTY No. 17550 Exp. 6-30-01 CIVIL STATE OF CALIFORNIA

Underground Service Alert — Call: TOLL FREE 1-800 227-2600 — TWO WORKING DAYS BEFORE YOU DIG

PRIVATE ENGINEERING NOTE

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PREPARED UNDER THE DIRECTION OF:
JOHN W. CANTY
REGISTERED CIVIL ENGINEER NO. 17550
EXPIRATION DATE: 6-30-01 DATE: 1/29/99

CEG CANTY ENGINEERING GROUP, INC.
CIVIL ENGINEERING - PLANNING - SURVEYING
2020 IOWA AVENUE, SUITE 102, P.O. BOX 52050, RIVERSIDE, CA 92517
TEL. (909) 683-5234 FAX (909) 683-5901

SCALE: AS NOTED
DATE: OCT. 1998

CITY OF RIVERSIDE BUSINESS TAX ACCT. NO. 124312 EXP. 04-01-00

BENCH MARK: EB-13 ELEV= 1665.160 DATE: 1997
P.K. NAIL AND CITY ENGINEER TAG ON THE SIDEWALK OVER THE W'LY. WALL OF A CATCH BASIN ALONG THE S'LY. CURB OF ORANGE TERRACE PKWY., 100 FEET E'LY. OF TRAUTWEIN ROAD. THE MARK IS 2 FEET S'LY. OF THE FACE OF CURB. ADJUSTED AND ENTERED: JUNE 1997.

MARK	REVISIONS	APPR.	DATE

DESIGNED BY TP DRAWN BY VC/DE CHECKED BY TMP

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

APPROVED BY	DATE	BY
PRINCIPAL ENGINEER	10/8/99	TP
PARK DEPARTMENT	9/24/99	RW
TRAFFIC DIVISION	9/30/99	RC
ST. SERVICES	11/15/99	RH

APPROVED BY R. McGrath
PUBLIC WORKS DIRECTOR
DATE 10-7-99

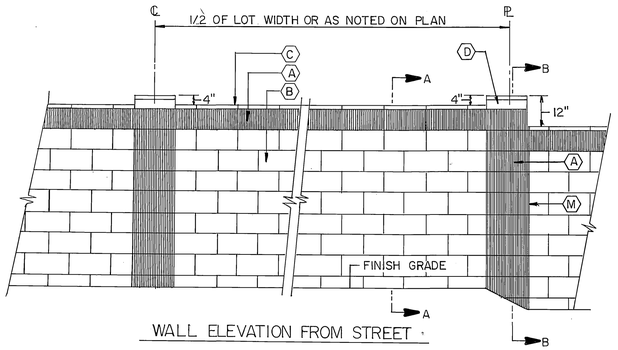
TRACT 21709-4
STREET PLAN AND PROFILE
AURORA ST. & NEW WINDSOR ST.
STA. 0+00.00 to STA. 3+00.00 AURORA ST.
STA. 10+28.50 to STA. 11+80.50 NEW WINDSOR ST.

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

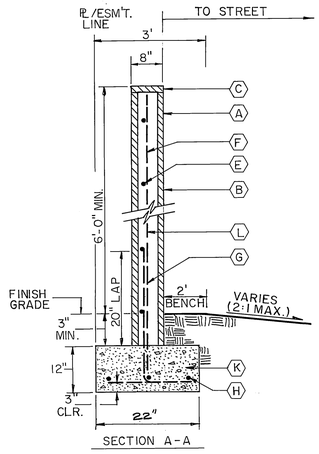
W.O. 1001-012
R-3151
SHEET 11 OF 12
FOR: McMILLIN

PC-4/19-S

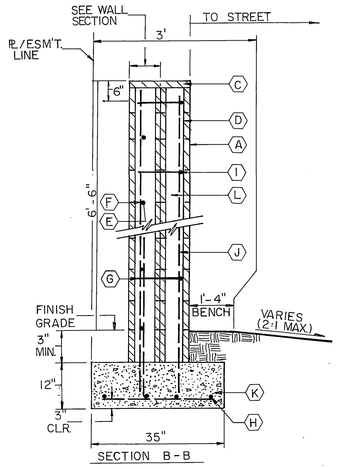
INDEXED 10-19-99 GH



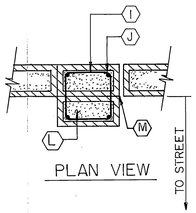
WALL ELEVATION FROM STREET



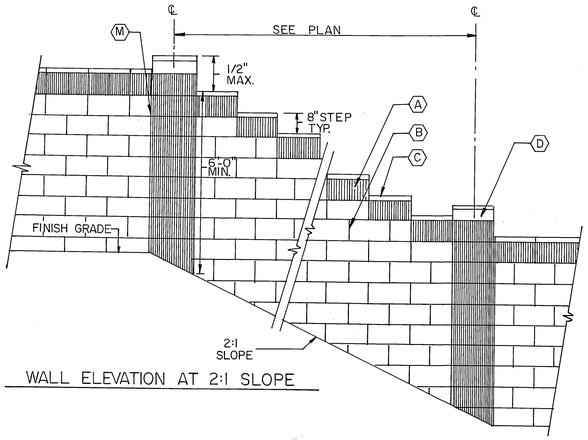
CONCRETE BLOCK WALL



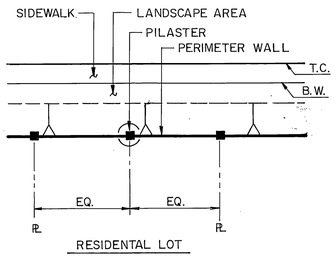
CONCRETE BLOCK PILASTER



PLAN VIEW



WALL ELEVATION AT 2:1 SLOPE



RESIDENTAL LOT

WALL LAYOUT

LEGEND

- (A) 8"x8"x16" GRAY ORCO (MEDIUM WEIGHT) VERTICAL SCORED SPLIT FACE BLOCK.
- (B) 8"x8"x16" SPLIT FACE BLOCK GRAY ORCO (MEDIUM WEIGHT) WITH SCORED MORTAR JOINTS.
- (C) 2"x8"x16" CONCRETE PRECISION CAP (GRAY).
- (D) 4"x8"x16" CONCRETE PRECISION CAP (GRAY).
- (E) NO. 4 HORIZONTAL REBAR AT 32" O.C.
- (F) NO. 4 VERTICAL REBAR AT 24" O.C.
- (G) NO. 4 L BAR AT 24" O.C. ALTERNATE BEND EACH BAR.
- (H) (3) NO. 4 REBAR CONT.
- (I) NO. 2 HORIZONTAL TIES AT 24" O.C.
- (J) (4) NO. 4 VERTICAL BAR AT PILASTER.
- (K) 2000 P.S.I. CONCRETE FOOTING.
- (L) SOLID GROUT ALL CELLS.
- (M) 1/4" WIDE VERTICAL JOINT. TYPICAL AT PILASTER AT P.L.

REVERSE FRONTAGE WALL DETAILS for SIEGAL AVENUE

APPROVED BY CITY OF RIVERSIDE PLANNING DEPT.
FOR WALLS ONLY:
Casey Tibbet 5/26/99

Underground Service Alert
Call: TOLL FREE
1-800-227-2600
TWO WORKING DAYS BEFORE YOU DIG

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REGISTERED PROFESSIONAL ENGINEER JOHN W. CANTY No. 17550 Exp. 6/30/01 CIVIL STATE OF CALIFORNIA

PREPARED UNDER THE DIRECTION OF:
John W Canty
JOHN W. CANTY
REGISTERED CIVIL ENGINEER NO. 17550
EXPIRATION DATE: 6-30-01
DATE: 1/29/99

CEG CANTY ENGINEERING GROUP, INC.
CIVIL ENGINEERING - PLANNING - SURVEYING
2020 IOWA AVENUE, SUITE 102, P.O. BOX 52050, RIVERSIDE, CA 92517
TEL (909) 683-5234 FAX (909) 683-5301
CITY OF RIVERSIDE BUSINESS TAX ACCT. NO. 69372 EXP. 04-07-00

SCALE AS NOTED
DATE OCT. 1998

BENCH MARK: E8-F3 ELEV: 1665.160 DATE: 1997
P.K. NAIL AND CITY ENGINEER TAG ON THE SIDEWALK OVER THE W'LY. WALL OF A CATCH BASIN ALONG THE S'LY. CURB OF ORANGE TERRACE PKWY., 100 FEET E'LY. OF TRAUTWEIN ROAD. THE MARK IS 2 FEET S'LY. OF THE FACE OF CURB. ADJUSTED AND ENTERED JUNE 1997.

MARK	REVISIONS	APPR.	DATE
DESIGNED BY TMP	DRAWN BY JJC	CHECKED BY TP	

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

APPROVED BY	DATE	BY
PRINCIPAL ENGINEER	4/8/99	JE
PARK DEPARTMENT	4/14/99	RC
TRAFFIC DIVISION	4/30/99	GS
P.W. ENGINEER MGR.		
ST. SERVICES	1/19/99	RR

APPROVED BY R. Ray Gratt
PUBLIC WORKS DIRECTOR
DATE 10-7-99

TRACT 21709-4
STREET PLANS
WALL DETAILS

R-3151
12
OF 12 SHEETS

FOR McMILLIN
W.O.F.B. FILE NO. 1001-012

FRED

INDEXED 10-19-99 GH

RC-4/19-S