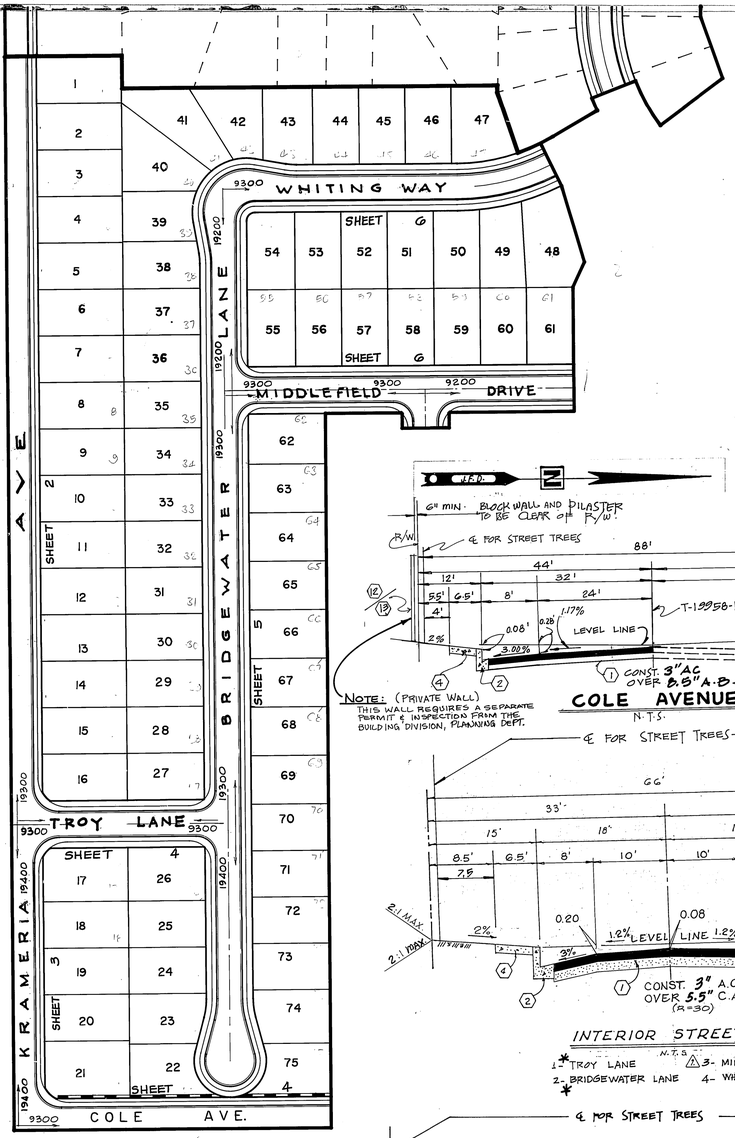
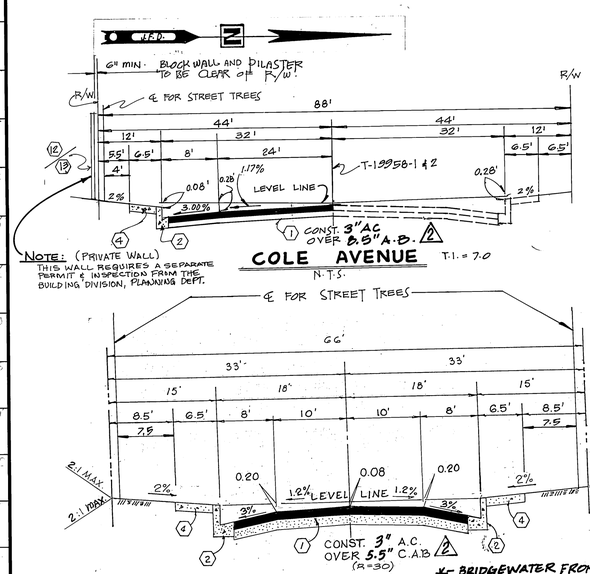


INDEX MAP
SCALE: 1"=100'



* BRIDGEWATER FROM #165/66 TO 70/71 3" AC OVER 4" AB.

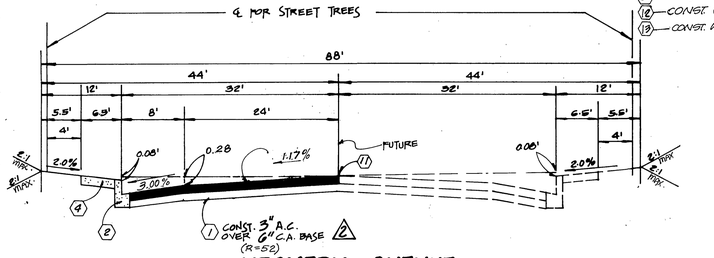
STREET NAME & TRAFFIC SIGN SCHEDULE

A	COLE AVENUE	9300
	KRAMERIA AVENUE	19400
B	KRAMERIA AVENUE	19300
	TROY LANE	9300
C	BRIDGEWATER LANE	19400
	TROY LANE	9300
D	BRIDGEWATER LANE	19200
	MIDDLEFIELD DRIVE	9300
E	MIDDLEFIELD DRIVE	9200
	CALEDONIA	19200
F	BRIDGEWATER LANE	19200
	WHITING WAY	9300
G	R-1 "STOP SIGN" (30" OCTAGON)	
H	W-53 "NOT A THROUGH STREET" 30"	

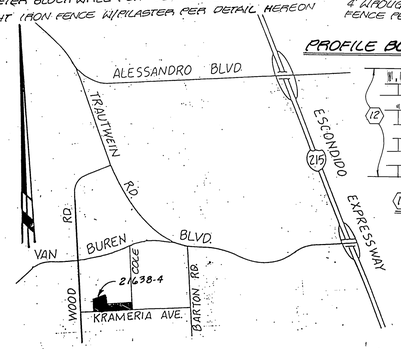
CONST. PER STD'S 662-A & 666

CONSTRUCTION NOTES & QUANTITIES

1	PLACE A.C. PAVING OVER AGGREGATE BASE PER TYPICAL SECTION.	141,200 SF.
2	CONSTRUCT TYPE I CURB (6") PER CITY OF RIVERSIDE STD. NO. 200	6,550 LF.
3	CONSTRUCT TYPE II CURB (6") PER CITY OF RIVERSIDE STD. NO. 200	310 LF.
4	CONSTRUCT SIDEWALK PER CITY OF RIVERSIDE STD. NO. 325	39,100 SF.
5	CONSTRUCT ACCESS RAMP PER CITY OF RIVERSIDE STD. NO. 304	9 EA.
6	CONSTRUCT CROSS GUTTER PER CITY OF RIVERSIDE STD. NO. 220	2,560 S.F.
7	INSTALL BARRICADE PER CITY OF RIVERSIDE STD. NO. 180	
8	CONSTRUCT A.C. DRAINAGE APRON 2' WIDE x 2½" THICK	
9	PLANT STREET TREES TO THE SPECIFICATIONS OF THE PARK AND RECREATION DEPARTMENT.	
10	REMOVE EXIST. BARRICADE.	
11	CONST. 2"x4" REDWOOD HEADER	
12	CONST. PERIMETER BLOCK WALL PER DETAIL HEREON	
13	CONST. WROUGHT IRON FENCE W/PILASTER PER DETAIL HEREON	



KRAMERIA AVENUE
N.T.S. T.I. = 7.0



VICINITY MAP
N.T.S.

GENERAL NOTES

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.

Trim edge of existing pavement where new pavement joins to a smooth, straight line. Construct match-up paving as shown on plan and overlay paving as directed in the field to produce a smooth section.

Construct driveway approaches per Std. Dwg. 302. Exact size and location to be determined at the time of construction as approved by the Traffic Eng

Quantities shown are for information only and the City of Riverside is not responsible for their accuracy.

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 standard and test procedures.

All flagged elevations shall be staked in the field by the private engineer.

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 and revising the plans for approval by the City.

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.

On all areas within public right of way where the fill is one (1) foot or greater, a letter will be required form the soils engineer, certifying the compaction of the fill below subgrade, prior to issuance of the Construction Permit/Cut Sheets.

All traffic signs shall be installed prior to opening the streets to traffic.

See "Street Lighting Plans" for quantity and location of required street lights.

The developer and/or contractor shall contact the Public Service Department (787-7251) 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.

Notice to contractor. The existence and location of any underground utility pipes or structures shown on these plans were obtained by a search of the 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 precautionary measures to protect the utility lines shown and any other lines not of record or not shown on these plans.

Final Striping for Traffic control and/or pavement marking to be the responsibility of the Developer.

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.

Contractor agrees that he shall assume sole and complete responsibility for job site conditions during the course of construction of this project, including safety of all persons and property; that this requirement shall apply continuously and not be limited to normal working hours; and that the contractor shall defend, indemnify and hold the owner and the engineer harmless from any and all liability, real or alleged, in connection with the performance of work on this project, excepting for liability arising from the sole negligence of the owner or the engineer.

All related work shall conform to the City of Riverside, Park and Recreation Department Standards.

Contact the Street Tree inspector a minimum of 48 hours in advance at 351-6126. to schedule inspections. Inspections shall be required: A) When plant locations have been spotted in the field prior to digging plant pits B) While digging plant pits and planting/relocation trees, C) After planting and all other indicatied or specified work has been completed for start of maintenance, and D) At end of maintenance/field acceptance (developer will be released from maintenance only upon receipt of written notification from the city that the park and recreation department is assuming maintenance responsibilities).

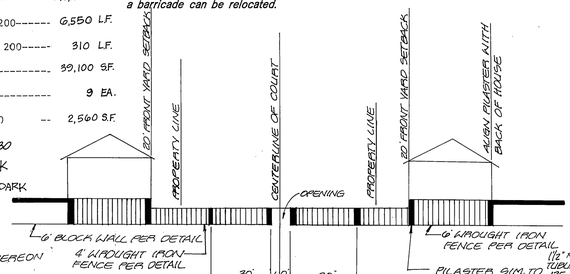
The developer shall maintain all plantings for minimum period of one year

Street tree planting shall be as follows:

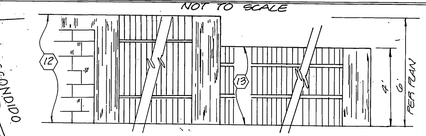
Street Name	Botanical Name/Commom Name	SIZE	SPACING	NO.
a. KRAMERIA AVE.	PRUNUS CERASIFERA / RED LEAF PLUM	15 GAL	45'	30
b. COLE AVENUE	PINUS CANARIENSIS / CANARY ISLAND PINE	15 GAL.	45'	7
c. WHITING WAY	PRUNUS CERASIFERA / RED LEAF PLUM	15 GAL	45'	20
d. MIDDLEFIELD DR.	PRUNUS CERASIFERA / RED LEAF PLUM	15 GAL.	45'	17
e. BRIDGEWATER LANE	CUPANIOPSIS ANACARDIOIDES / CARROTWOOD	15 GAL	45'	52
F. TROY LANE	CUPANIOPSIS ANACARDIOIDES / CARROTWOOD	15 GAL	45'	8

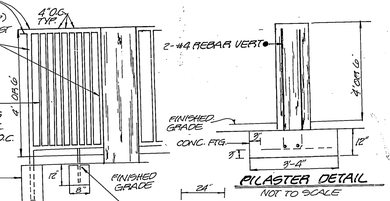
PUBLIC WORKS AND PARK AND RECREATION DEPARTMENT PERMITS ARE REQUIRED PRIOR TO COMMENCEMENT OF TREE RELOCATION AND/OR REMOVAL WORK. FOR ALL TREES WITHIN THE ULTIMATE pavement area, backfill of all holes is to be inspected by the city for property compaction.

Contractor is to give the City Water Division 24 hours notice prior to irrigation pipeline inspection. Contact CARL WEINGARTNER AT 782-5304



PROFILE BLOCKWALL/WROUGHT IRON FENCE WITH PILASTER
NOT TO SCALE





PILASTER DETAIL
NOT TO SCALE

13 WROUGHT IRON FENCE WITH PILASTER PER CITY STANDARD #704
NOT TO SCALE

BLOCK TYPE/COLOR: ONE SIDED TAN SPLIT-FACE BLOCK WITH DARK AGGREGATE; SPLIT-FACE SIDING VAN BUREN & COLE

BLOCK SIZE: 8"x8"x16"

CAP TYPE/COLOR: TAN VERTICAL END SPLIT BLOCK (ORCO SF 301 OR EQUIVALENT) ONE COURSE ONLY. WITH 2" TAN PRECISION BLOCK CAP.

BLOCK SIZE: 8"x8"x16"

OTHER WALL PILASTERS 8"x8"x16" "TAN" VERTICAL SCORE SPLIT-FACE (ORCO SF 301 OR EQUIVALENT) WITH TAN VERTICAL SCORE SPLIT-FACE BLOCK CAPS EVERY 40' BEGINNING AND ENDING AT WALL ENDS.

MORTAR COLOR: TO MATCH BLOCK

CONTINUED AT RIGHT

12 PERIMETER BLOCK WALL DETAIL
NOT TO SCALE

ONE CENTER SUPPORT SPACED EVENLY BETWEEN STEEL POSTS W18"x8"x16"

FOOTING

WROUGHT IRON FENCE PILASTER: ± 24" SQUARE MADE OF 4 8"x8"x16" VERTICAL SCORE SPLIT FACE - LEND, LSIDE TAN "ORCO 301" OR EQUAL BLOCKS - (8"x8"x16") PER DETAIL WITH" 4 CORNERS MITERED. SEE DETAIL:

WROUGHT IRON FENCE - PILASTER DETAIL

NOTE

1) TO ALL METAL SURFACES APPLY ONE PRIME COAT & ONE FINISH COAT OF AMERITONE #290A (BRONCO BROWN - SATIN FINISH)
2) STEP FENCING EVENLY AT METAL POSTS
3) CONTINUOUS WELD ALL METAL CONNECTIONS
4) FENCING AS AVAILABLE FROM OPC (TELE 1-800-232-2020) STANDARD REGAL OR EQUAL.

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.

REGISTERED PROFESSIONAL ENGINEER JOHN W. CANTY No. 17550 Exp. 6/30/89 CIVIL STATE OF CALIFORNIA

WESTERN MUNICIPAL WATER DISTRICT
REVIEWED BY: [signature] FRED 21643 — Date 7/16/87

Underground Service Alert
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TWO WORKING DAYS BEFORE YOU DIG

PREPARED UNDER THE DIRECTION OF: [signature]
REGISTERED CIVIL ENGINEER NO. 17550
EXPIRATION DATE 6-30-89 DATE: 1/14/87

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 PASEO, #103, PALM DESERT, CA 92260 (619) 346-5691
JFD ASSOCIATES

SCALE 1" = 40'
DATE NOV. '86

BENCH MARK: V.B. 10-64 ELEV. 1700.670 BRASS DISK FLUSH & MARKED V.B. 10.64 C.L.6 M.L.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 3x15"x18" BOULDER.

MARK	REVISIONS	APPR.	DATE
2	ADDED SITE, SECTION PER 13695	WWL	7/16/87
1	ADDED PAVING SECTION-MIDDLEFIELD - STA 7+50 & R-43'	WWL	11/10/86

DESIGNED BY M.K. DRAWN BY C.E.M. CHECKED BY J.C.

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

	BY	DATE
APPROVED BY PRINCIPAL ENGINEER	WWL	7-16-87
PARK DEPARTMENT	GS	7-9-87
TRAFFIC DIVISION	OKG	7-16-87
CHIEF P. W. ENGR.	[illegible]	7-17
PLANNING	[illegible]	7-17-87

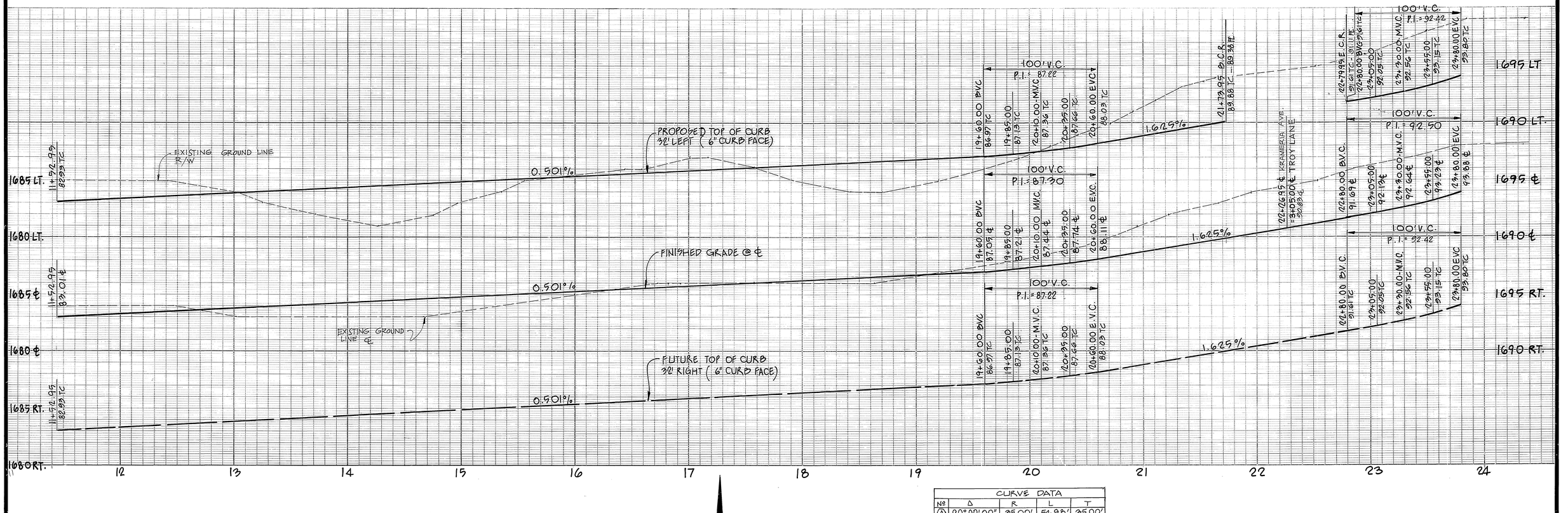
APPROVED BY Barry Bell
DIRECTOR OF PUBLIC WORKS
DATE 9/21/87

TITLE SHEET
STREET PLAN
TR No. 21638-4

HORIZ. SCALE: AS SHOWN VERT. SCALE:

PROJECT NO. R-2869
SHEET 1 OF 6
FILE NO.

INDEXED 10-2-87 4H



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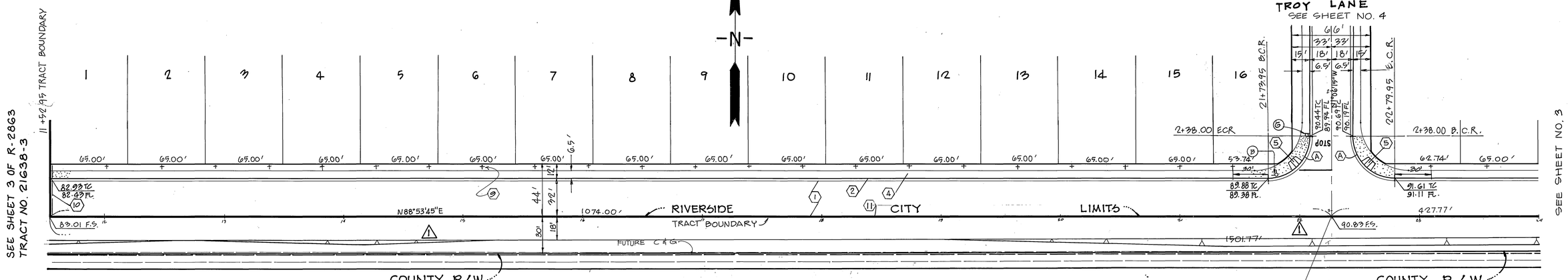

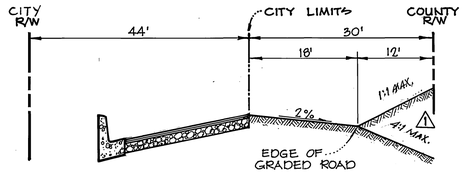

⚠ TYPICAL SECTION
N.T.S.
KRAMERIA AVENUE

KRAMERIA AVENUE

APPROVED BY: ⚠
FOR ROAD COMMISSIONER
RIVERSIDE COUNTY CALIF. DATE: 8/22/1989

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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. 6/30/89 CIVIL STATE OF CALIFORNIA

PREPARED UNDER THE DIRECTION OF: John W Canty
REGISTERED CIVIL ENGINEER NO. _____
EXPIRATION DATE _____ DATE: 4/17/89
APPROVED BY: _____ DATE

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 PASEO, #103, PALM DESERT, CA 92260 (619) 346-5691
JFD ASSOCIATES

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. 288' N OF VAN BUREN @ THE N.E. SIDE OF GRANITE BOULDERS, ON TOP OF 3'x18'x18' BOULDER.

MARK	REVISIONS	APPR.	DATE
⚠	SHOW TYP. SEC. & R.O.W.		4/14/89

DESIGNED BY M.K. DRAWN BY CEM CHECKED BY J.C.

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

	BY	DATE
APPROVED BY		
PRINCIPAL ENGINEER	GHE	9-16-87
PARK DEPARTMENT	DO	6-9-87
TRAFFIC DIVISION	DLS	9-16-87
CHIEF P. W. ENGR.	WD	9.17
PLANNING	CMD	9-18-87

APPROVED BY _____
DIRECTOR OF PUBLIC WORKS
DATE 9/21/87

TRACT NO. 21638-4
STREET PLAN AND PROFILE
KRAMERIA AVENUE
FROM STA. 11+52.95 TO TROY LANE

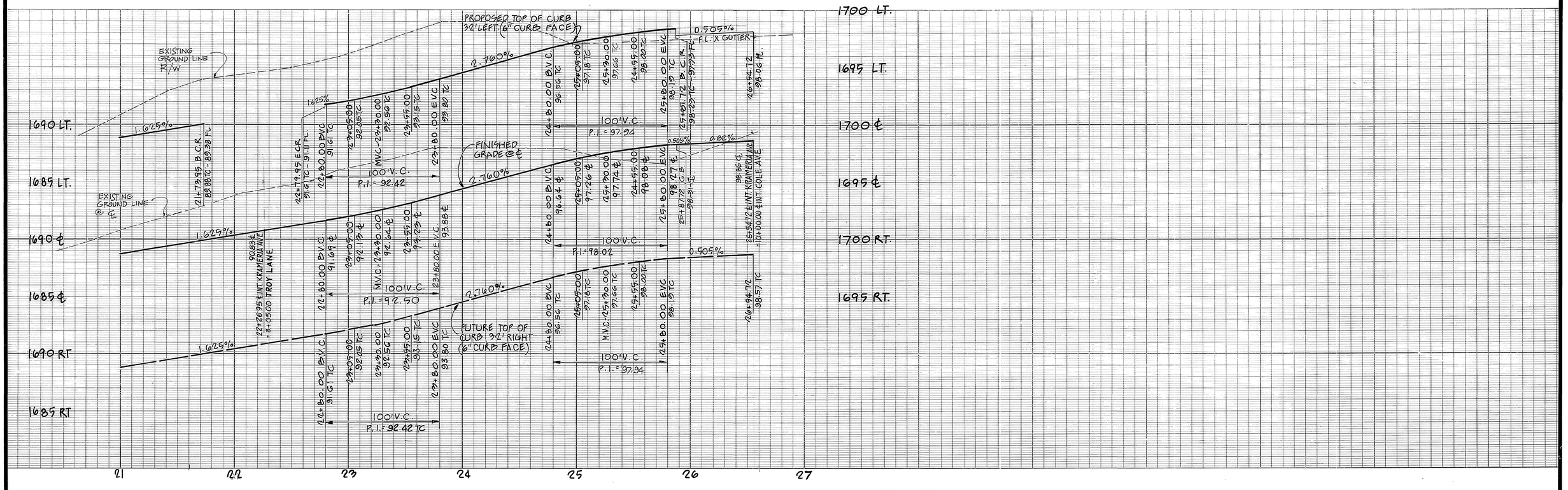
HORIZ. SCALE: 1" = 40 FT. VERT. SCALE: 1" = 4 FT.

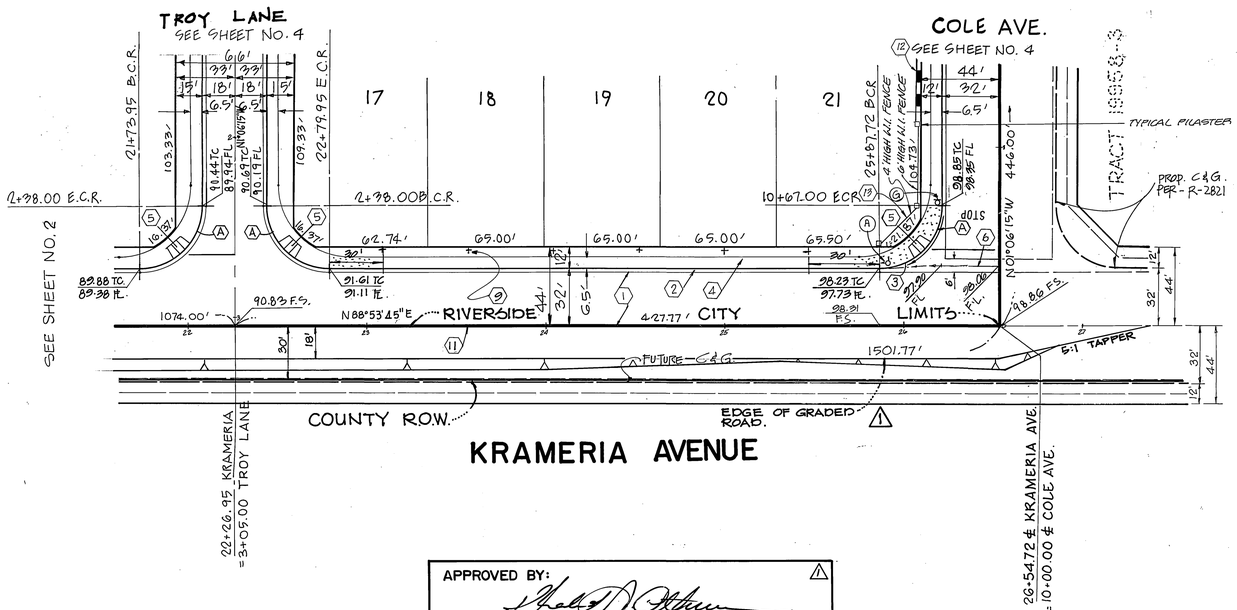
PROJECT NO. R-2869
SHEET 2 OF 6
FILE NO.

PC 129

FRED

INDEXED 10-2-87 4H





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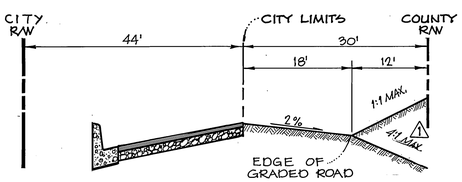

⚠ TYPICAL SECTION
N.T.S.
KRAMERIA AVENUE

APPROVED BY: ⚠
FOR ROAD COMMISSIONER
RIVERSIDE COUNTY, CALIF. DATE: 8/22/1988

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PRIVATE ENGINEERING NOTE

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REGISTERED PROFESSIONAL ENGINEER — JOHN W. CANTY — No. 17550 Exp. 6/30/89 — CIVIL — STATE OF CALIFORNIA

PREPARED UNDER THE DIRECTION OF:
REGISTERED CIVIL ENGINEER NO. _____
EXPIRATION DATE _____ DATE: 9/17/87
APPROVED BY:
DATE

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 PASEO, #103, PALM DESERT, CA 92260, (619) 346-5691
JFD ASSOCIATES

BENCH MARK: V.B. 10-64 ELEV. 1700.670
BRASS DISK FLUSH X 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'x1.5'x1.8' BOULDER.

MARK	REVISIONS	APPR.	DATE
⚠	SHOW TYP. SEC. & R.O.W.	FRED	9/11/89

DESIGNED BY M.K. DRAWN BY CEM CHECKED BY J.C.

FRED
DLE 9/17/87

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER	[illegible]	9-16-87
PARK DEPARTMENT	[illegible]	6-7-87
TRAFFIC DIVISION	[illegible]	9-16-87
CHIEF P. W. ENGR.	[illegible]	9-17
PLANNING	[illegible]	7-17-87

APPROVED BY _____
DIRECTOR OF PUBLIC WORKS
DATE 9/21/87

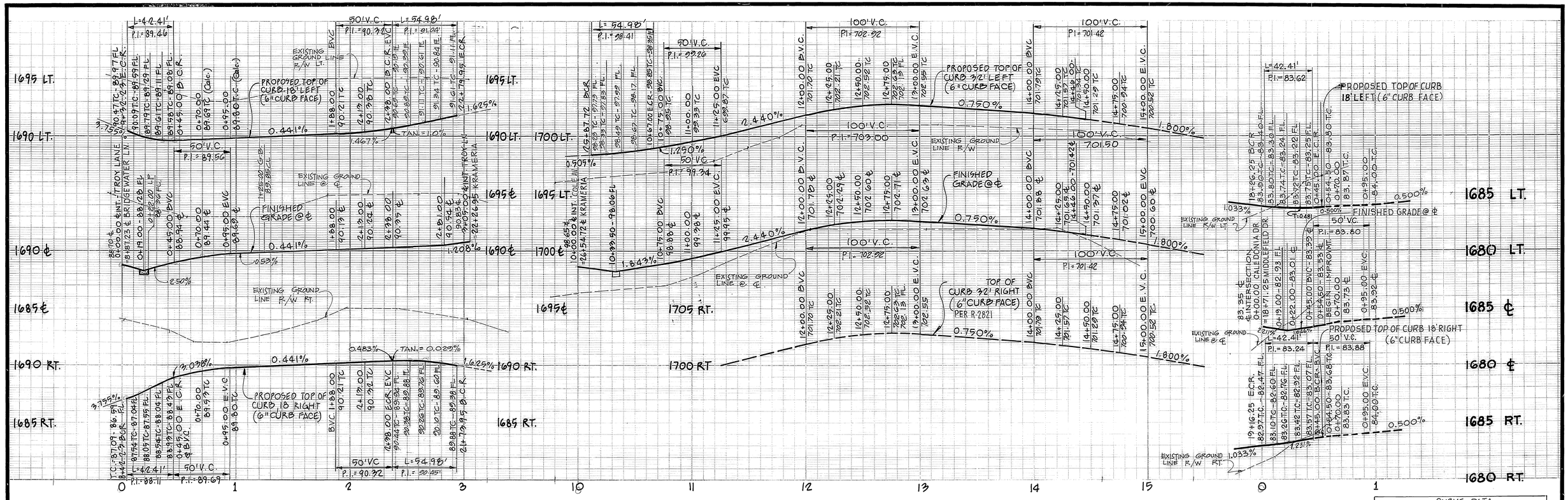
HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 4'

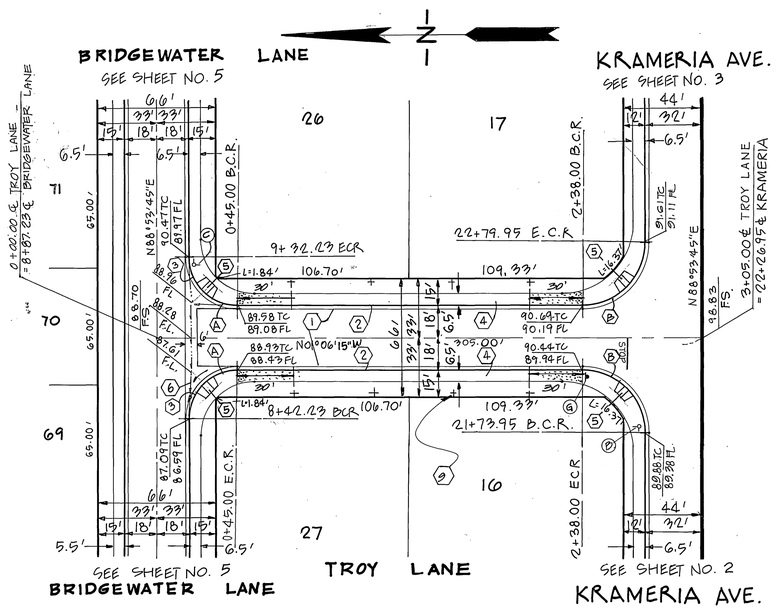
TRACT NO. 21638-4
STREET PLAN AND PROFILE
KRAMERIA AVENUE
FROM TROY LANE TO COLE AVE.

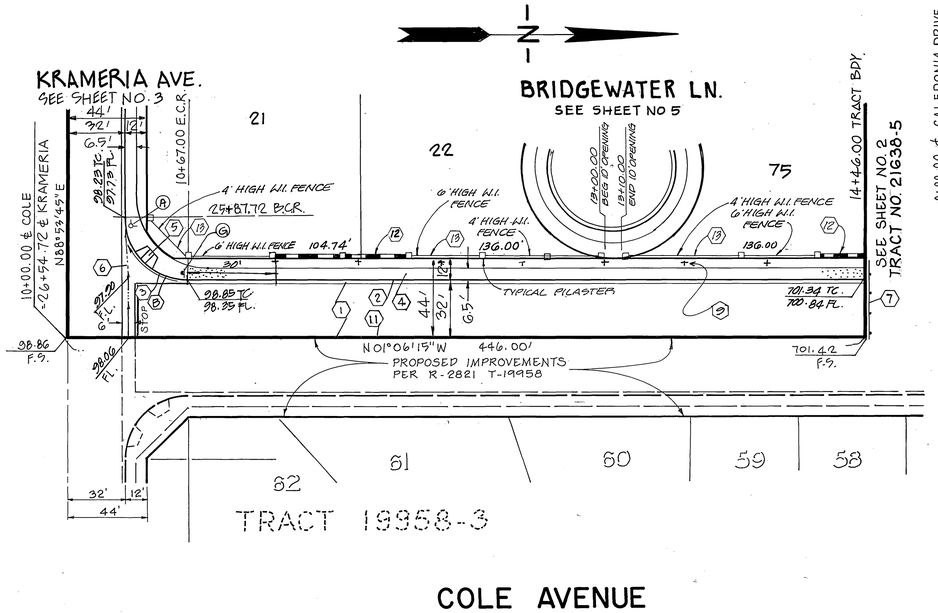
PROJECT NO. R-2869
SHEET 3 OF 6
FILE NO.

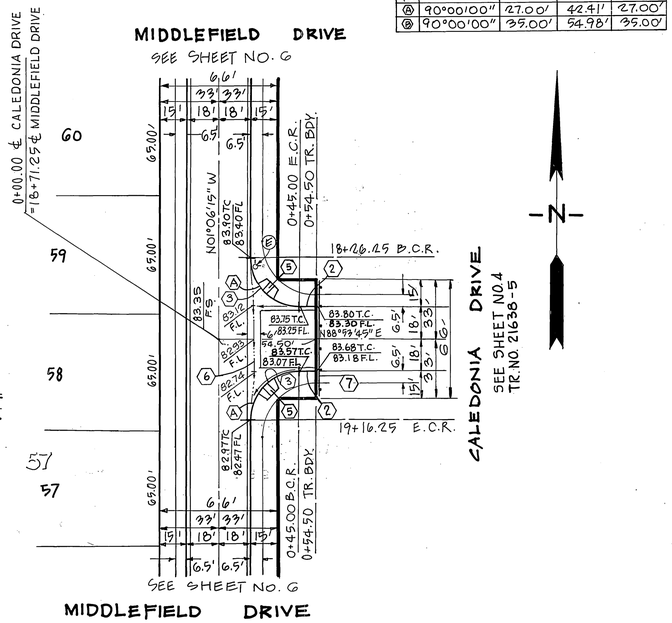
PC 2129

INDEXED 10-2-87 LH









CURVE DATA				
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Ⓐ	90°00'00"	27.00'	42.41'	27.00'
Ⓑ	90°00'00"	35.00'	54.98'	35.00'

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PRIVATE ENGINEERING NOTE

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REGISTERED PROFESSIONAL ENGINEER — JOHN W. CANTY — No. 17550 — Exp. 6/30/88 — CIVIL — STATE OF CALIFORNIA

PREPARED UNDER THE DIRECTION OF: John W Canty
REGISTERED CIVIL ENGINEER NO. _____
EXPIRATION DATE _____ DATE: 4/27/87

APPROVED BY: _____ DATE

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

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 PASEO, #103, PALM DESERT, CA 92260, (619) 346-5691

BENCH MARK: V.B. 10-64 ELEV. 1700.670.
BRASS DISK FLUSH ℄ MARKED VB 1064. 0.6' N. 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 M.K. DRAWN BY CEM CHECKED BY J.C.

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

	BY	DATE
APPROVED BY		
PRINCIPAL ENGINEER	[illegible]	9-16-87
PARK DEPARTMENT	[illegible]	6-9-87
TRAFFIC DIVISION	[illegible]	9-16-87
CHIEF P.W. ENGR.	[illegible]	9-17
PLANNING	[illegible]	7-17-87

APPROVED BY _____ DIRECTOR OF PUBLIC WORKS
DATE 9/21/87

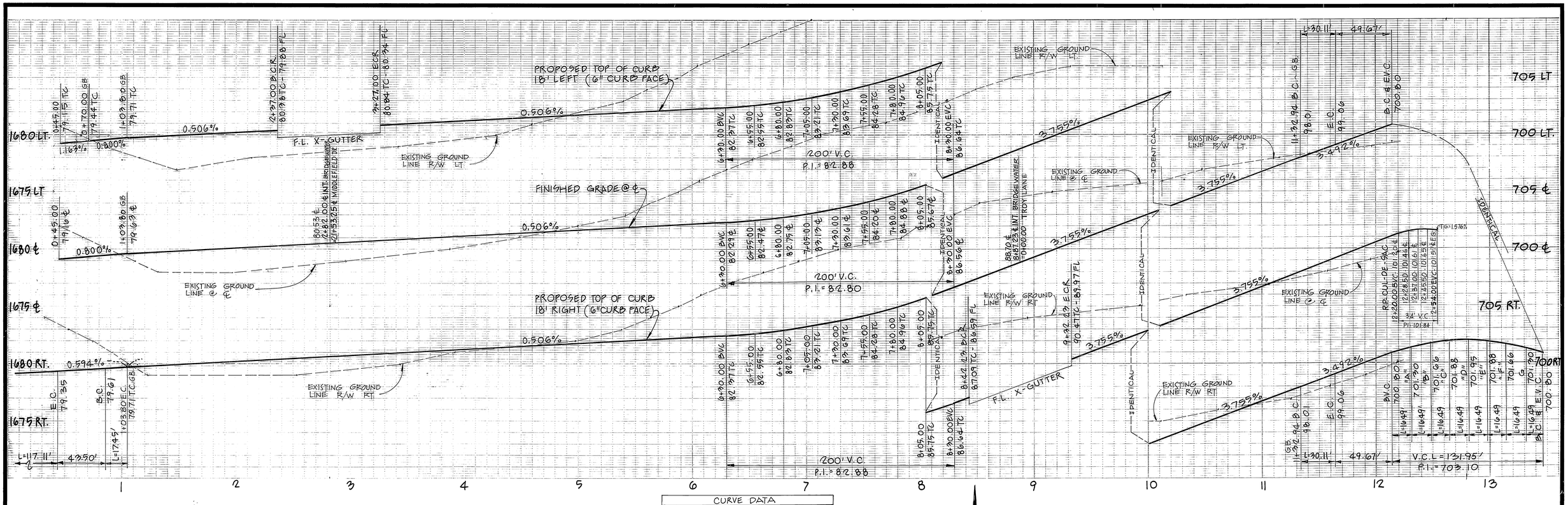
TRACT NO. 21638-4
STREET PLAN AND PROFILE
TROY LANE FROM BRIDGEWATER LANE TO KRAMERIA AVE
COLE AVENUE FROM KRAMERIA AVE. STA. 14+46.00 TO STA. 15+54.50
CALEDONIA DRIVE FROM MIDDLEFIELD TO STA. 0+54.50

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

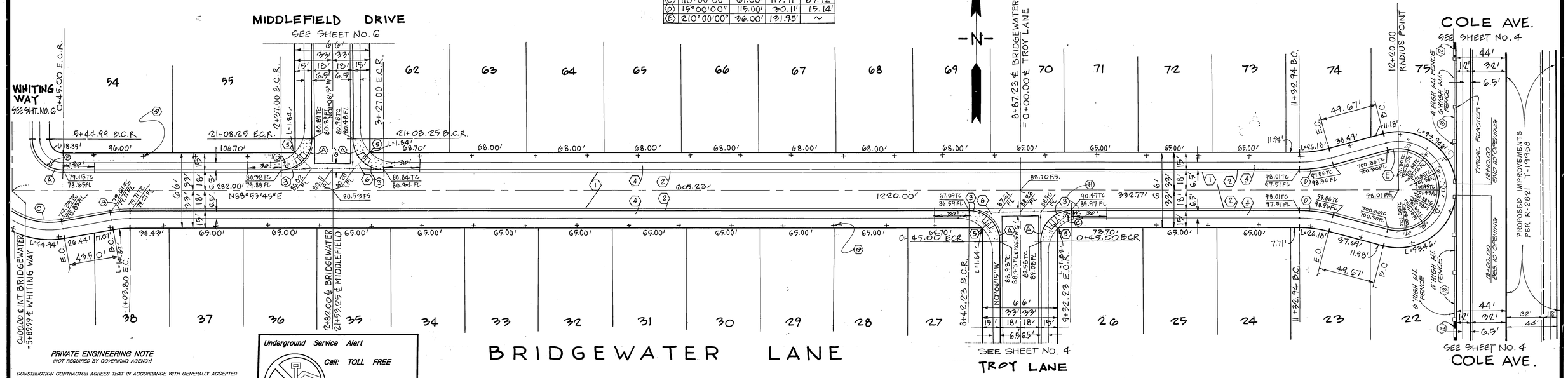
PROJECT NO. R-2869
SHEET 4 OF 6
FILE NO.

INDEXED 10-5-87

Unit 4



CURVE DATA				
No.	Δ	R	L	T
(A)	90°00'00"	27.00'	42.41'	27.00'
(B)	10°00'00"	100.00'	17.45'	8.75'
(C)	110°00'00"	61.00'	117.11'	87.12'
(D)	15°00'00"	115.00'	30.11'	15.14'
(E)	210°00'00"	36.00'	131.95'	~



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.

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

REGISTERED PROFESSIONAL ENGINEER JOHN W. CANTY No. 17550 Exp. 6/30/89 CIVIL STATE OF CALIFORNIA

PREPARED UNDER THE DIRECTION OF: John W Canty
REGISTERED CIVIL ENGINEER NO.
EXPIRATION DATE 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 PASEO, #103, PALM DESERT, CA 92260, (619) 346-5691
JFD ASSOCIATES

SCALE
DATE

BENCH MARK: V.B. 10-64 ELEV. 1700.670
BRASS DISK FLUSH & MARKED VB 1064, O.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'x18'x18' BOULDER.

MARK	REVISIONS	APPR.	DATE

DESIGNED BY M.K. DRAWN BY CEM CHECKED BY J.C.

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER	JAC	9-16-87
PARK DEPARTMENT	GB	6-9-87
TRAFFIC DIVISION	DLM	9-16-87
CHIEF P. W. ENGR.	[illegible]	9-17
PLANNING	[illegible]	7-17-87

APPROVED BY Barry Bell
DIRECTOR OF PUBLIC WORKS
DATE 9/21/87

TRACT NO. 21638-4
STREET PLAN AND PROFILE
BRIDGEWATER LANE
FROM WHITING WAY TO STA 12+20.00

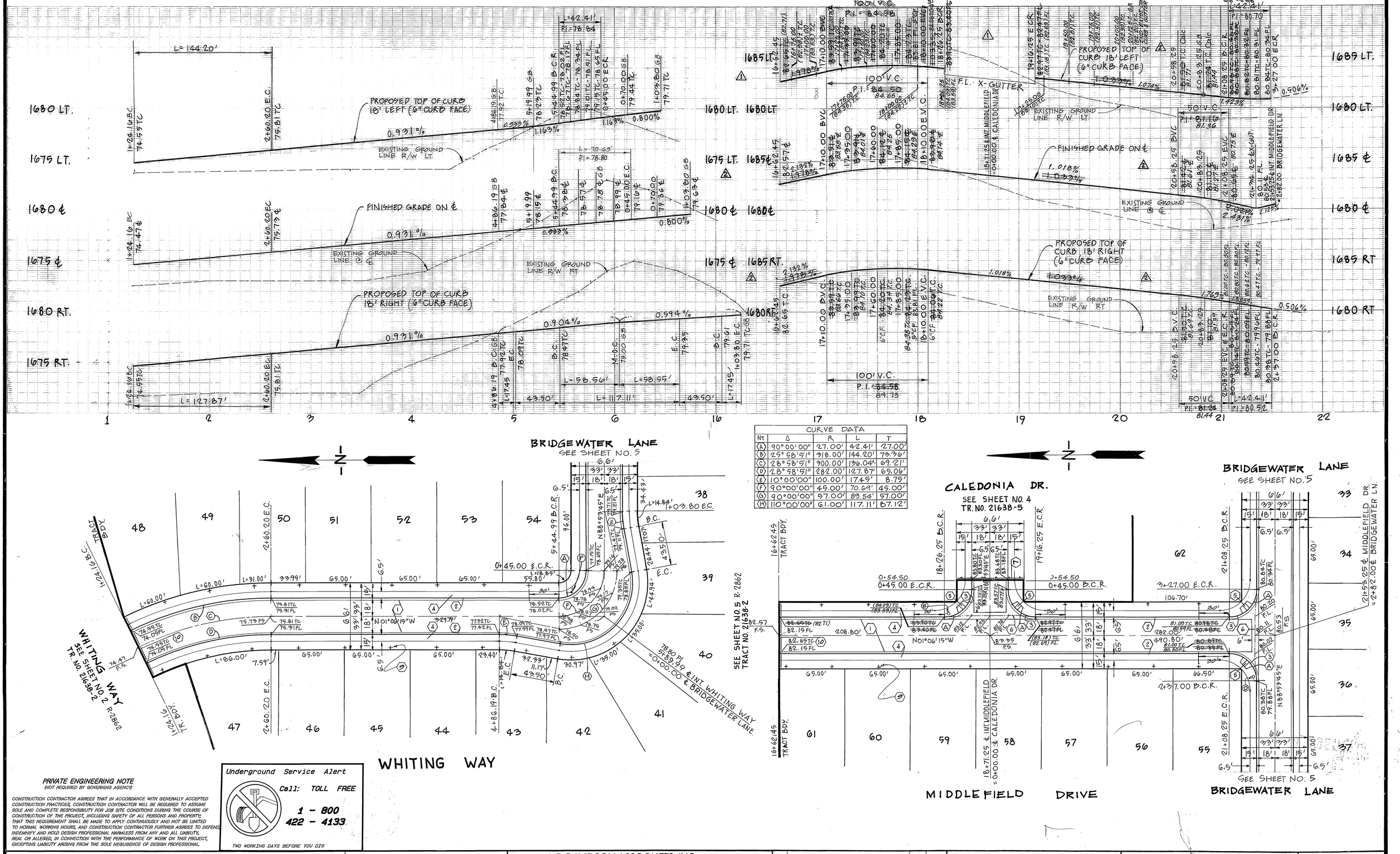
HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 4'

PROJECT NO. R-2869
SHEET 5 OF 6
FILE NO.

INDEXED 10-2-87 LFH

FRED

R.C. 2129



CURVE DATA				
№	Δ	R	L	T
(A)	90° 00' 00"	27.00'	42.41'	27.00'
(B)	25° 58' 51"	318.00'	144.20'	73.36'
(C)	26° 58' 51"	300.00'	136.04'	69.21'
(D)	26° 58' 51"	282.00'	127.87'	65.06'
(E)	10° 00' 00"	100.00'	17.45'	8.75'
(F)	90° 00' 00"	45.00'	70.69'	45.00'
(G)	90° 00' 00"	57.00'	89.54'	57.00'
(H)	110° 00' 00"	61.00'	117.11'	87.12'

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.

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1 - 800
422 - 4133
TWO WORKING DAYS BEFORE YOU DIG

REGISTERED PROFESSIONAL ENGINEER JOHN W. CANTY No. 17550 Exp. 6/30/89 CIVIL STATE OF CALIFORNIA

PREPARED UNDER THE DIRECTION OF: John W. Canty
REGISTERED CIVIL ENGINEER NO.
EXPIRATION DATE DATE: 4/7/87
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 PASEO, #103 ☐ PALM DESERT, CA 92260 (619) 346-5691
JFD ASSOCIATES

SCALE
DATE

BENCH MARK: V.B. 10-64 ELEV. 1700.670
BRASS DISK FLUSH & MARKED VB 1064, 0.5 MI. E ON VAN BUREN BLVD. FROM INT. OF VAN BUREN & WOOD RD. 20.5' N OF VAN BUREN & THE N.E. SIDE OF GRANITE BOULDERS, ON TOP OF 3'x 1.5'x 1' BOULDER.

MARK	REVISIONS	APPR.	DATE
2	REDESIGN PER REVISED CURB 18' LEFT PER FIELD BOOK 10787/93 (J.F.D.)	FRED	4/21/89
1	REVISIONS TO T.C. ELEVS. PER FIELD BOOK 10787/93 (J.F.D.) "AS BUILT"	WLA	9/21/89

DESIGNED BY M.K. DRAWN BY CEM CHECKED BY J.C.

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER	[illegible]	9-16-87
PARK DEPARTMENT	[illegible]	9-9-87
TRAFFIC DIVISION	[illegible]	9-16-87
CHIEF P. W. ENGR.	[illegible]	9-17
PLANNING	CMD	9-7-87

APPROVED BY [illegible]
DIRECTOR OF PUBLIC WORKS
DATE 9/21/87

TRACT NO. 21638-4
STREET PLAN AND PROFILE
WHITING WAY
FROM STA. 1+24.16 TO BRIDGEWATER LANE
MIDDLEFIELD DRIVE
FROM STA 16+62.45 TO BRIDGEWATER LANE

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

PROJECT NO. R-2869
SHEET 6 OF 6
FILE NO.

INDEXED 10-2-87 LH
RC. 2129