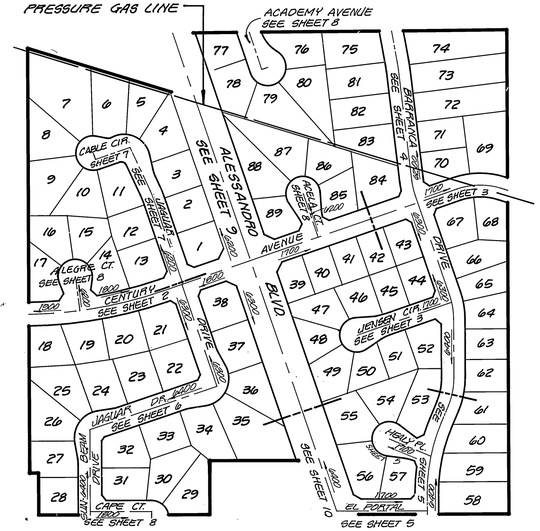
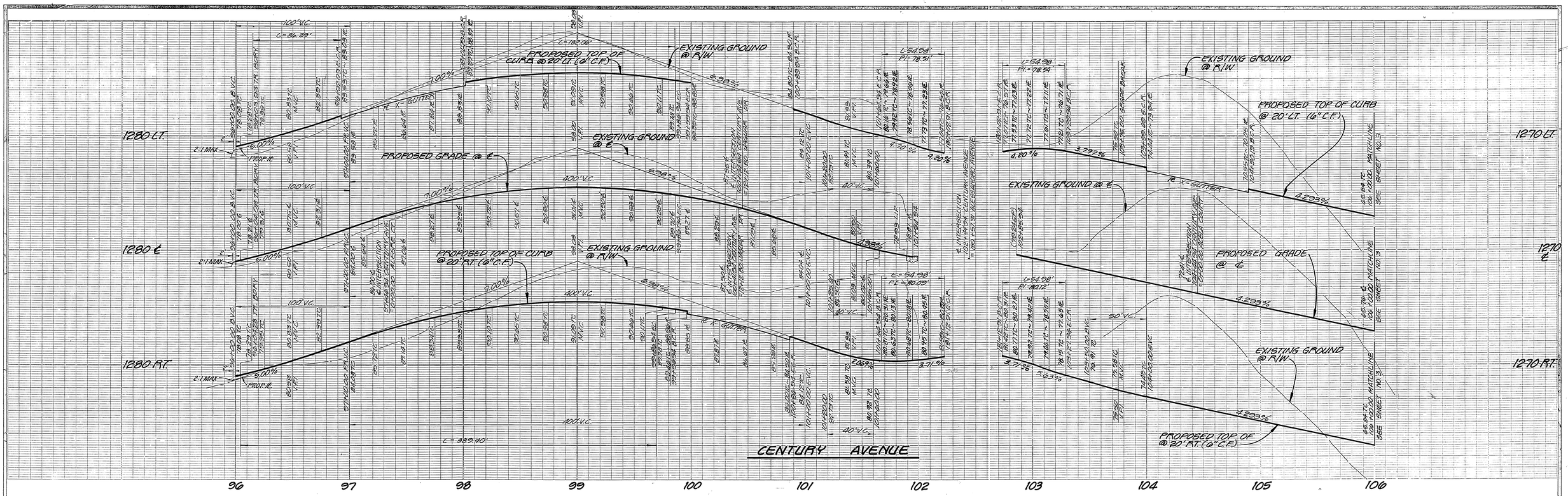
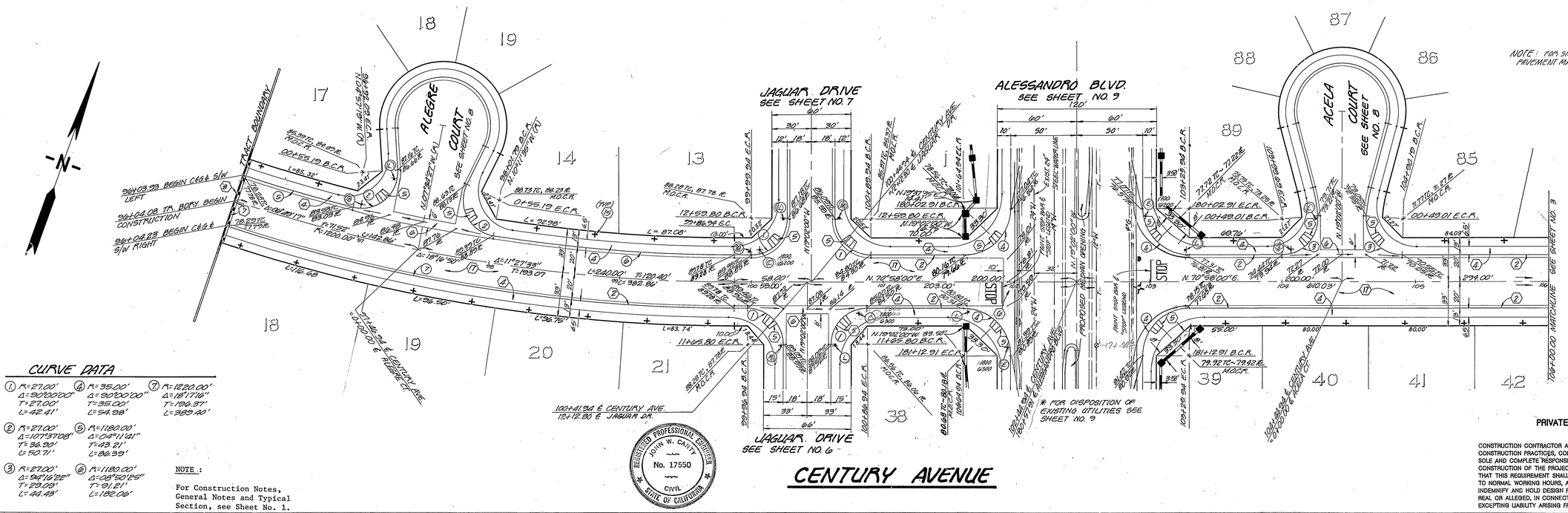
CAUTION !

EXISTING 30" HIGH PRESSURE GAS LINE


ACADEMY AVENUE
SEE SHEET 8
ALESSANDRO
SEE SHEET 3
BARRANCA DRIVE
SEE SHEET 4
CABLE CIR.
SHEET 7
ALEGRE CT.
SEE SHEET 8
CENTURY
SEE SHEET 5
AVENUE
1900
BLVD.
1800
DRIVE
1600
JAGUAR DR.
SEE SHEET 8
1800
CAPE CT.
1800
SEE SHEET 8
JENSEN CIR.
SEE SHEET 3
HEALY PL.
1800
SHEET 5
EL PORTAL
1700
SEE SHEET 5
SEE SHEET 10
1600
1700
SEE SHEET 3
1700
1600
1600
1600





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

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.

INDEXED BY CD

CITY OF RIVERSIDE
WATER SYSTEM
David V. Garcia — APPROVED — 5-16-86 DATE

J.F. DAVIDSON ASSOCIATES, INC.
CIVIL ENGINEERS · SURVEYORS · PLANNERS
RIVERSIDE CALIFORNIA COLTON
APPROVED John W. Canty DATE 1-20-86
REGISTERED CIVIL ENGINEER NO. 17550 EXP. 6-30-89

J. F. DAVIDSON ASSOCIATES
CIVIL ENGINEERS ○ SURVEYORS ○ PLANNERS
3426 TENTH STREET, RIVERSIDE, CAL. (714) 686-0844
11200 S. MT. VERNON AVE. (714) 825-1082 COLTON, CAL.
SCALE: HORIZ. 1"=40' VERT. 1"= 8'
DATE JAN 1986
BENCH MARK: SEE SHEET NO. 1

MARK	REVISIONS	APPR.	DATE

DESIGNED BY JAG/EG DRAWN BY TA/DM CHECKED BY EE

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

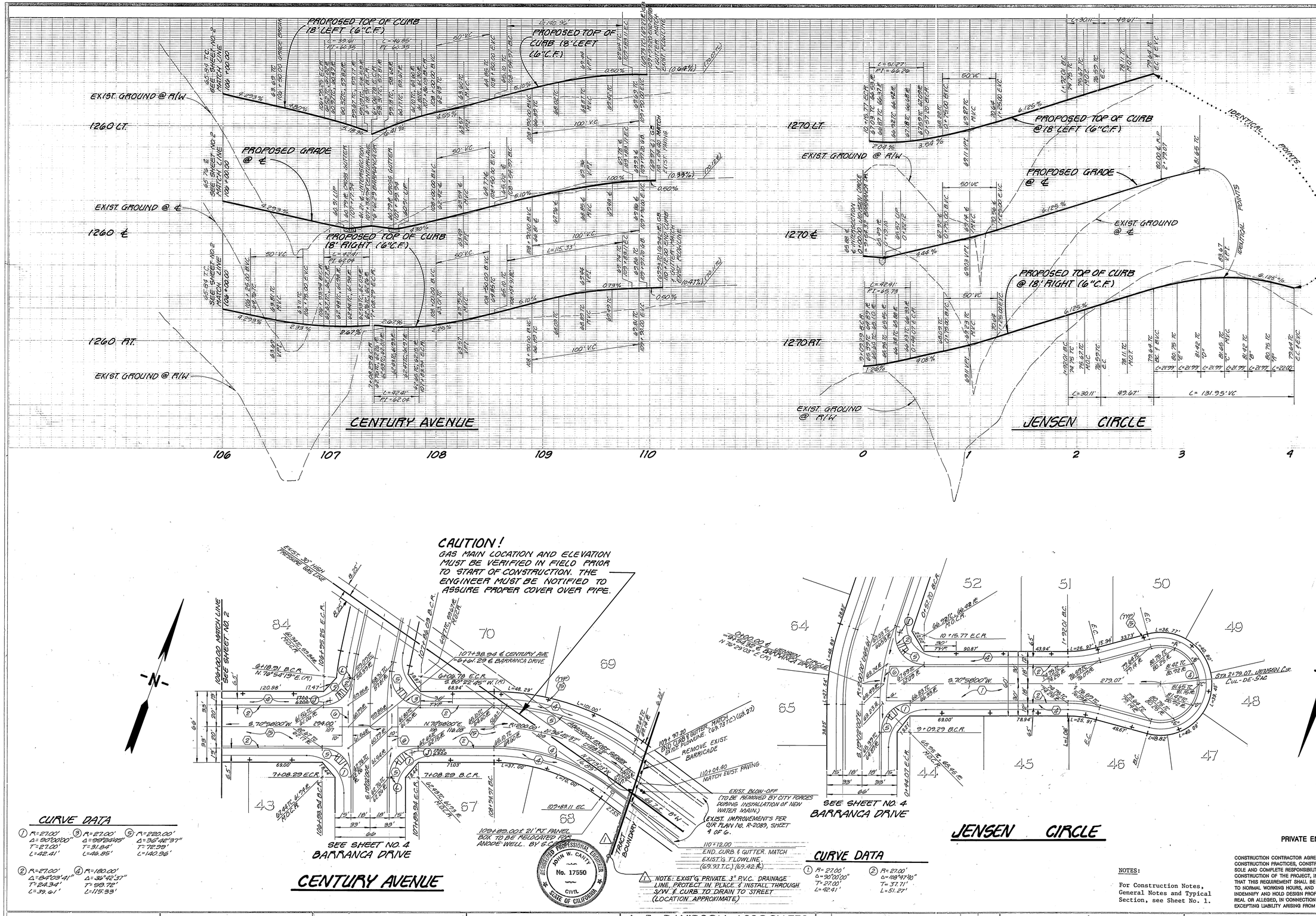
	BY	DATE
APPROVED BY		
PRINCIPAL ENGINEER	[illegible]	8/7/86
PARK DEPARTMENT	DS	7-24-86
TRAFFIC DIVISION	Bcm	8-7-86
CHIEF P. W. ENGR.		
PLANNING	[illegible]	5-14-86

APPROVED BY William D. Gardner
DIRECTOR OF PUBLIC WORKS
DATE 8-12-86

TRACT NO. 11272
STREET PLAN AND PROFILE
CENTURY AVENUE
FOR: FOLEY CONSTRUCTION

PROJECT NO. R-2770
SHEET 2 OF 10
FILE NO. 86-506 (M)

PC 1911



CURVE DATA

① R=27.00' Δ=90°00'00" T=27.00' L=42.41'

② R=27.00' Δ=84°03'41" T=24.34' L=39.61'

③ R=27.00' Δ=98°28'49" T=31.84' L=46.85'

④ R=180.00' Δ=36°42'37" T=59.72' L=115.33'

⑤ R=220.00' Δ=36°42'37" T=72.39' L=140.96'

CURVE DATA

① R=27.00' Δ=90°00'00" T=27.00' L=42.41'

② R=27.00' Δ=108°47'30" T=37.71' L=51.27'

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.

INDEXED BY CD

NOTES:

For Construction Notes, General Notes and Typical Section, see Sheet No. 1.

CITY OF RIVERSIDE
WATER SYSTEM
David V. Garcia 5-16-86
APPROVED DATE

SOUTHERN CALIFORNIA GAS CO.
Reviewed by: E.F. Hunter 4-25-86
date

J.F. DAVIDSON ASSOCIATES, INC.
CIVIL ENGINEERS · SURVEYORS · PLANNERS
RIVERSIDE CALIFORNIA COLTON
APPROVED John W. Canty DATE 12-2-86
REGISTERED CIVIL ENGINEER NO. 17550 EXP 6-30-89

J. F. DAVIDSON ASSOCIATES
CIVIL ENGINEERS o SURVEYORS o PLANNERS
3426 TENTH STREET 11200 S. MT. VERNON AVE.
RIVERSIDE, CAL. (714) 686-0844 (714) 825-1082 COLTON, CAL.

SCALE: HORIZ. 1"=40' VERT. 1"=8'
DATE JANUARY 1986
BENCH MARK: SEE SHEET NO. 1

⚠ ADDED PRIVATE DRAINAGE LINE — JHE 10/5/86
MARK REVISIONS APPR. DATE
DESIGNED BY JHE/EB DRAWN BY TA/COR CHECKED BY E.S.

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

	BY	DATE
APPROVED BY PRINCIPAL ENGINEER	WE	8/19/86
PARK DEPARTMENT	GS	8-8-86
TRAFFIC DIVISION	Brown	8-7-86
CHIEF P. W. ENGR.		

APPROVED BY William D. Gardner
DIRECTOR OF PUBLIC WORKS
DATE 8-12-86

TRACT NO. 11272
STREET PLAN AND PROFILE
CENTURY AVENUE
JENSEN CIRCLE
FOR: FOLEY CONSTRUCTION

PROJECT NO. R-2770
SHEET 3 OF 10
FILE NO. 85-3016 (M)

1220 LT.

1220 ℄

1220 RT.

1280 LT.

1280 ℄

1280 RT.

1230

EXIST. GROUND @ R/W

EXIST. GROUND @ ℄

PROPOSED GRADE @ ℄

PROPOSED TOP OF CURB 18' LEFT (6" CURB FACE)

PROPOSED TOP OF CURB 18' RIGHT (6" CURB FACE)

IDENTICAL POINT

MATCH LINE SEE SHEET 5

PLACE 300 L.F. OF 18" RCP 17900 @ 8.12%

PLACE 300 L.F. OF 18" RCP 17900 @ 8.195%

PLACE 409.8 L.F. OF 18" RCP 17900 @ 2.56%

1780 D TRANSITION STRUCTURE PER CITY OF RIVERSIDE STD DWG. NO. 704

30.23 TC = 20.43 IE (0°CP) 24.80 L.F. 48 C.B. NO. 2 PER CITY OF RIVERSIDE STD. DWG. NO. 400, V=4.00, L=3.38'

27.04 IE INSIDE WALL 2+77.02 INLET

28.33 IE-INSIDE WALL 2+65.00 OUTLET

30.82 TC = 27.82 IE (0°CP) 24.80 L.F. 48 C.B. NO. 1 PER CITY OF RIVERSIDE STD. DWG. NO. 400, V=4.00, L=3.38'

27.84 IE INSIDE WALL 2+40.00 INLET

25.84 TC = 23.04 IE (0°CP) 24.80 L.F. 48 C.B. NO. 3 PER CITY OF RIVERSIDE STD. DWG. NO. 400, V=4.00, L=3.38'

25.84 IE INSIDE WALL 2+16.00 OUTLET

27.30 IE INSIDE WALL 1+87 RIGHT OF ℄ INLET

EXIST. 12" WATER MAIN (12" BD) TOP PIPE. ELEVATION TO BE VERIFIED PRIOR TO CONSTRUCTION.

EXIST. 8" SEWER

EXIST. 12" W.L.P. TO BE ABANDONED

EXIST. SEWER M.H. TO BE REMOVED PER CITY REQUIREMENTS

EXIST. 8" W.L.P. TO BE REMOVED

EXISTING GATE VALVES TO BE ADJUSTED TO GRADE BY CITY FORCES)

EXISTING BLOW-OFF TO BE REMOVED BY CITY FORCES DURING INSTALLATION OF NEW WATER MAIN

EXIST. 36" RCP PER CITY OF RIV. PLAN NO. D-114

EXIST. 33" RCP

EXIST. 30" HIGH PRESSURE GAS LINE

EXIST. 24" RCP

EXIST. 18" RCP

EXIST. 12" RCP

EXIST. 8" RCP

EXIST. 6" RCP

EXIST. 4" RCP

EXIST. 2" RCP

EXIST. 1" RCP

EXIST. 8" V.C.P.

EXIST. 6" V.C.P.

EXIST. 4" V.C.P.

EXIST. 2" V.C.P.

EXIST. 1" V.C.P.

EXIST. 8" A.C.P.

EXIST. 6" A.C.P.

EXIST. 4" A.C.P.

EXIST. 2" A.C.P.

EXIST. 1" A.C.P.

EXIST. 8" C.I.P.

EXIST. 6" C.I.P.

EXIST. 4" C.I.P.

EXIST. 2" C.I.P.

EXIST. 1" C.I.P.

EXIST. 8" C.M.P.

EXIST. 6" C.M.P.

EXIST. 4" C.M.P.

EXIST. 2" C.M.P.

EXIST. 1" C.M.P.

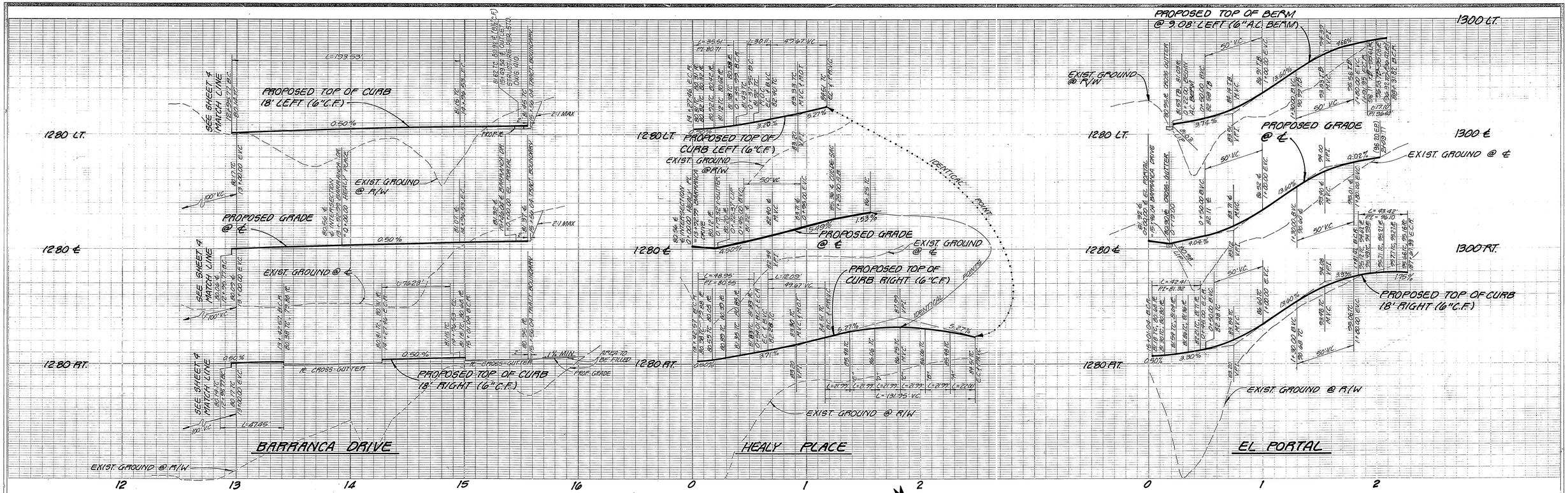
EXIST. 8" C.S.P.

EXIST. 6" C.S.P.

EXIST. 4" C.S.P.

EXIST. 2" C.S.P.

EXIST. 1" C.S



CURVE DATA (BARRANCA DRIVE)

① R=27.00' Δ=103°53'00" T=34.49' L=48.95'

② R=27.00' Δ=75°21'50" T=20.85' L=35.51'

③ R=27.00' Δ=90°00'00" T=27.00' L=42.41'

④ R=518.00' Δ=05°14'54" T=23.74' L=47.45'

⑤ R=482.00' Δ=23°00'20" T=98.00' L=193.53'

⑥ R=518.00' Δ=20°25'54" T=38.18' L=76.23'

CURVE DATA (HEALY PL.)

① R=27.00' Δ=103°53'00" T=34.49' L=48.95'

② R=27.00' Δ=75°21'50" T=20.85' L=35.51'

③ R=115.00' Δ=15°00'00" T=15.14' L=30.11'

④ R=115.00' Δ=28°01'31" T=6.04' L=12.09'

⑤ R=36.00' Δ=210°00'00" T=∞ L=131.95'

CURVE DATA (EL PORTAL)

① R=27.00' Δ=90°00'00" T=27.00' L=42.41'

② R=35.00' Δ=71°05'19" T=25.01 L=43.42'

③ R=9.00' Δ=108°54'41" T=12.60' L=17.10'

BARRANCA DRIVE

HEALY PLACE

EL PORTAL

NOTES:

For Construction Notes, General Notes and Typical Section, see Sheet No. 1.

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

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.

INDEXED BY CD

CITY OF RIVERSIDE
WATER SYSTEM
David V. Garcia 5-16-86
APPROVED DATE

J.F. DAVIDSON ASSOCIATES, INC.
CIVIL ENGINEERS-SURVEYORS-PLANNERS
RIVERSIDE CALIFORNIA COLTON
APPROVED Jack W. Canty DATE 12-2-86
REGISTERED CIVIL ENGINEER NO. 17550 EXP. 6-30-89

J. F. DAVIDSON ASSOCIATES
CIVIL ENGINEERS ○ SURVEYORS ○ PLANNERS
3426 TENTH STREET RIVERSIDE, CAL. (714) 686-0844
11200 S. MT. VERNON AVE. (714) 825-1082 COLTON, CAL.

SCALE: HORIZ. 1"=40' VERT. 1"=8'
BENCH MARK: SEE SHEET NO. 1
DATE JANUARY 1986

MARK	REVISIONS	APPR.	DATE

DESIGNED BY JAG/ES DRAWN BY TA/CDM CHECKED BY E.S. W.

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER	ME	8/7/86
PARK DEPARTMENT	[illegible]	8-7-86
TRAFFIC DIVISION	[illegible]	8-7-86
CHIEF P. W. ENGR.		
PLANNING	WM	8-14-86

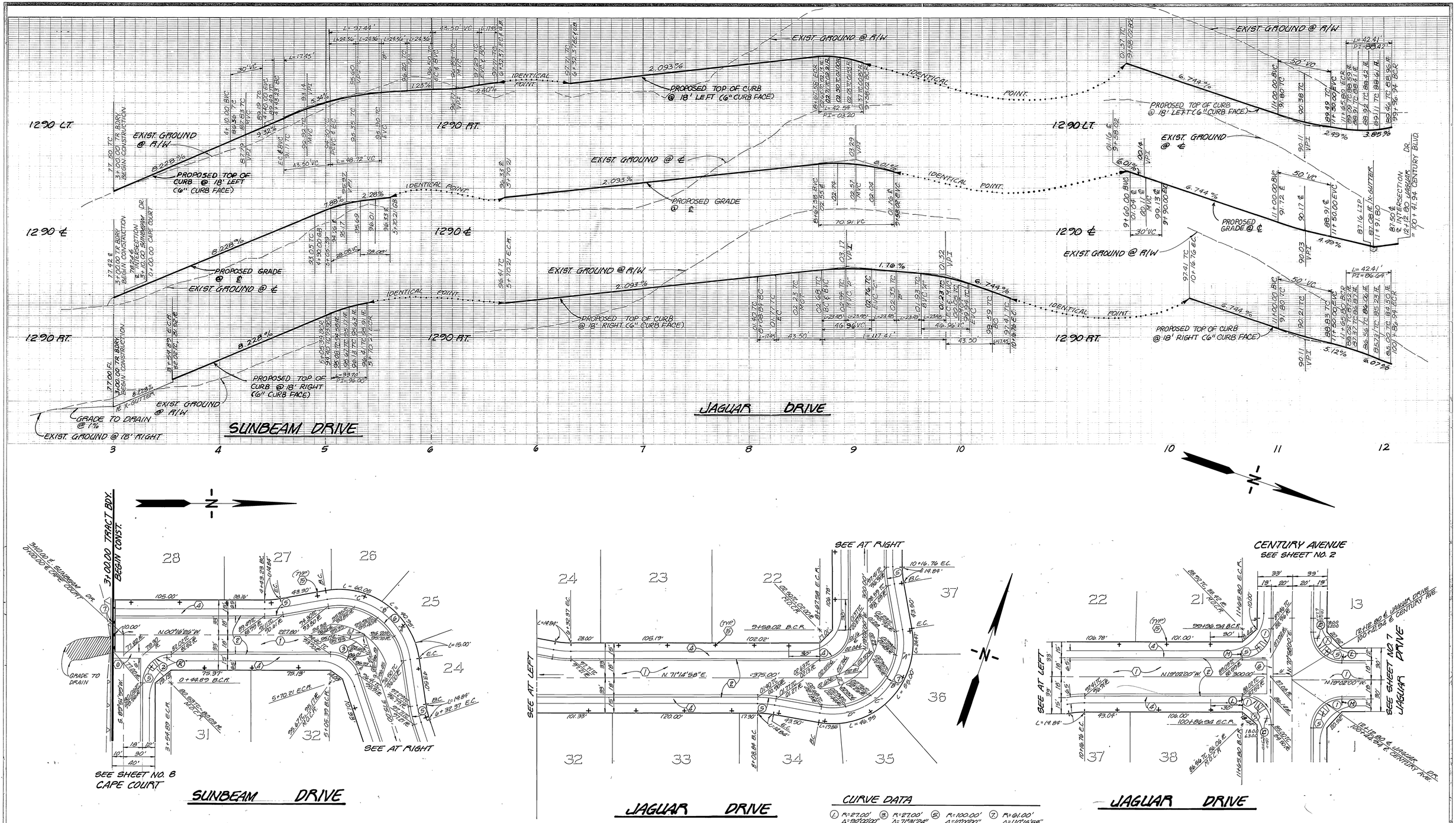
APPROVED BY William D. Gardner DIRECTOR OF PUBLIC WORKS
DATE 8-12-86

TRACT NO. 11272
STREET PLAN AND PROFILE
BARRANCA DRIVE ~ HEALY PLACE ~ EL PORTAL

FOR: FOLEY CONSTRUCTION

PROJECT NO. R-2770
SHEET 5 OF 10
FILE NO. 86-9016 (M)

PC 1911



CURVE DATA

① R=27.00' Δ=90°00'00" T=27.00' L=42.41'
② R=27.00' Δ=89°51'39" T=26.93' L=42.35'
③ R=27.00' Δ=71°51'24" T=19.45' L=33.70'
④ R=27.00' Δ=90°16'39" T=27.19' L=42.54'
⑤ R=100.00' Δ=10°00'00" T=8.75' L=17.45'
⑥ R=61.00' Δ=81°31'24" T=62.64' L=97.44'
⑦ R=61.00' Δ=110°18'38" T=87.59' L=117.41'

NOTES:

For Construction Notes, General Notes and Typical Section, see Sheet No. 1.

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

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.

INDEXED BY CD

CITY OF RIVERSIDE
WATER SYSTEM
Arnold V. Garcia — 5-16-86
APPROVED — DATE

J.F. DAVIDSON ASSOCIATES, INC.
CIVIL ENGINEERS · SURVEYORS · PLANNERS
RIVERSIDE CALIFORNIA COLTON
APPROVED John W Canty DATE 1-22-86
REGISTERED CIVIL ENGINEER NO. 17550 EXP 6-30-89

J. F. DAVIDSON ASSOCIATES
CIVIL ENGINEERS ○ SURVEYORS ○ PLANNERS
3426 TENTH STREET RIVERSIDE, CAL. (714) 686-0844
11200 S. MT. VERNON AVE. COLTON, CAL. (714) 825-1082
SCALE: HORIZ. 1"=40' VERT. 1"=8'
BENCH MARK: SEE SHEET NO. 1
DATE JANUARY 1986

MARK	REVISIONS	APPR.	DATE

DESIGNED BY JAG/ES DRAWN BY TA/EDN CHECKED BY ES.AP

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

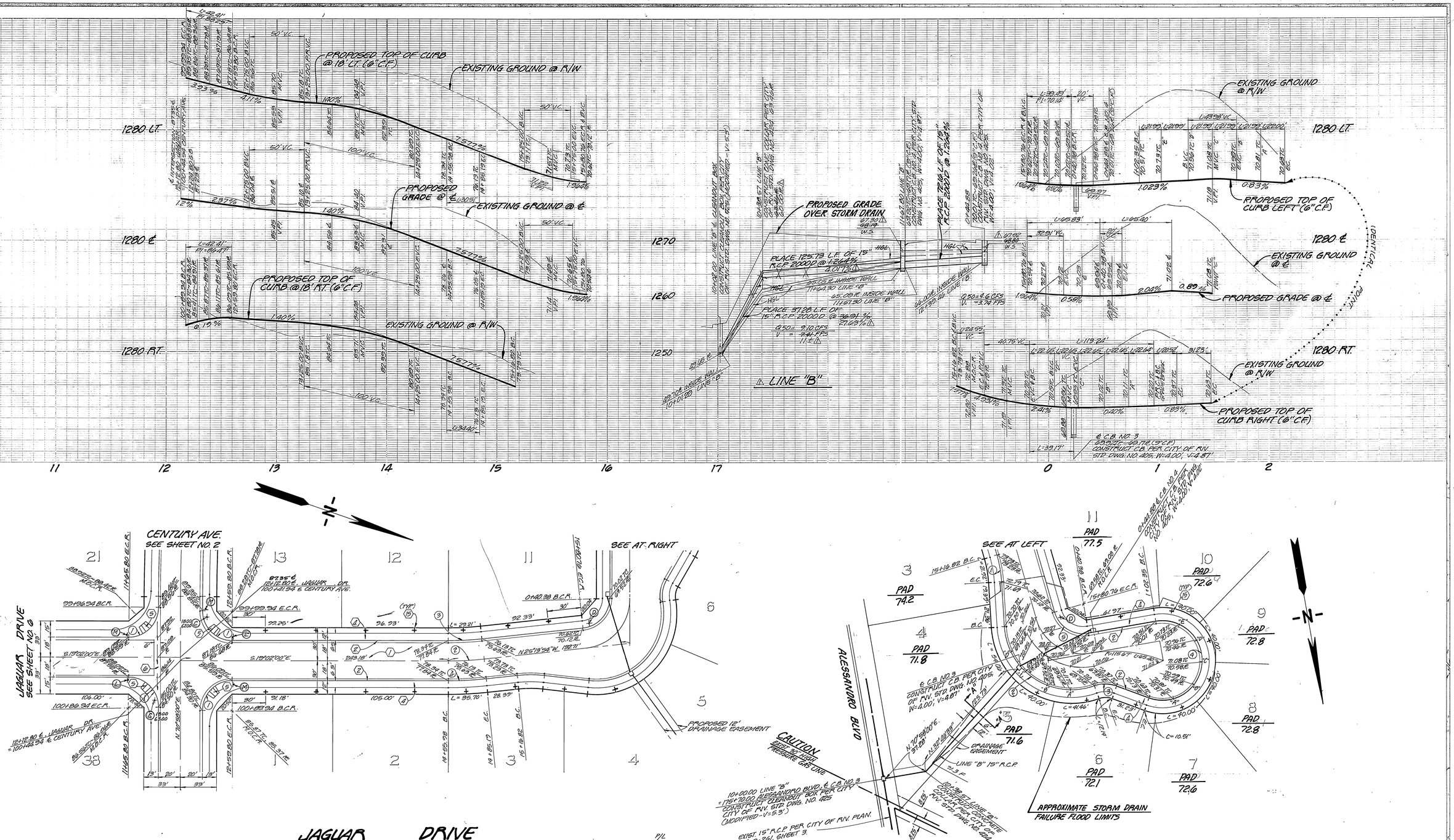
	APPROVED BY	DATE
PRINCIPAL ENGINEER	[illegible]	8/7/86
PARK DEPARTMENT	[illegible]	8-8-86
TRAFFIC DIVISION	[illegible]	8-7-86
CHIEF P. W. ENGR.		

APPROVED BY William D. Gardner
DIRECTOR OF PUBLIC WORKS
DATE 8-12-86

TRACT NO. 11272
STREET PLAN AND PROFILE
JAGUAR DRIVE
SUNBEAM DRIVE
FOR: FOLEY CONSTRUCTION

PROJECT NO. R-2770
SHEET 6 OF 10
FILE NO. 85-9016 (M)

RC 1911



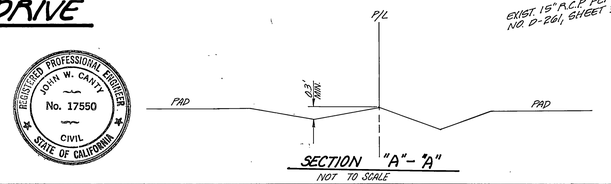
JAGUAR DRIVE

CURVE DATA

① R=27.00' Δ=90°00'00" T=27.00' L=42.41'
② R=300.00' Δ=06°11'54" T=16.24' L=32.46'
③ R=282.00' Δ=06°11'54" T=15.27' L=30.51'
④ R=318.00' Δ=06°11'54" T=17.22' L=34.40'

NOTES:

For Construction Notes, General Notes and Typical Section, see Sheet No. 1.



CABLE CIRCLE

CURVE DATA

① R=112.00' Δ=12°33'29" T=12.32' L=24.55'
② R=61.00' Δ=106°21'35" T=81.48' L=113.24'
③ R=29.39' Δ=90°00'00" T=10.70' L=20.62'
④ R=36.00' Δ=210°00'00" T=— L=131.95'
⑤ R=27.00' Δ=89°48'06" T=24.23' L=33.49'

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.

INDEXED BY CD.

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

CITY OF RIVERSIDE
WATER SYSTEM
David V. Garcia 5-16-86
APPROVED DATE

SOUTHERN CALIFORNIA GAS CO.
Reviewed by: E. F. Pinckard 4-25-86
date

J.F DAVIDSON ASSOCIATES, INC.
CIVIL ENGINEERS · SURVEYORS · PLANNERS
RIVERSIDE CALIFORNIA COLTON
APPROVED John W Canty DATE 1-22-86
REGISTERED CIVIL ENGINEER NO. 17550 EXP 6-30-89

J. F. DAVIDSON ASSOCIATES
CIVIL ENGINEERS ○ SURVEYORS ○ PLANNERS
3426 TENTH STREET RIVERSIDE, CAL. (714)684-0849
11200 S. MT. VERNON AVE. (714) 825-1082 COLTON, CAL.

SCALE: HORIZ. 1"=40' VERT. 1"=8'
DATE JAN. 1986
BENCH MARK: SEE SHEET NO. 1

MARK	REVISIONS	APPR.	DATE
1	REVISED LINE "A" DUE TO UNDERSIZE PIPE (CB#3)	WWC	5/29/87

DESIGNED BY J.A.G. DRAWN BY TA/CDA CHECKED BY E.S.P.

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER	[illegible]	8/12/86
PARK DEPARTMENT	[illegible]	8-29-86
TRAFFIC DIVISION	[illegible]	8-7-86
CHIEF P. W. ENGR.		

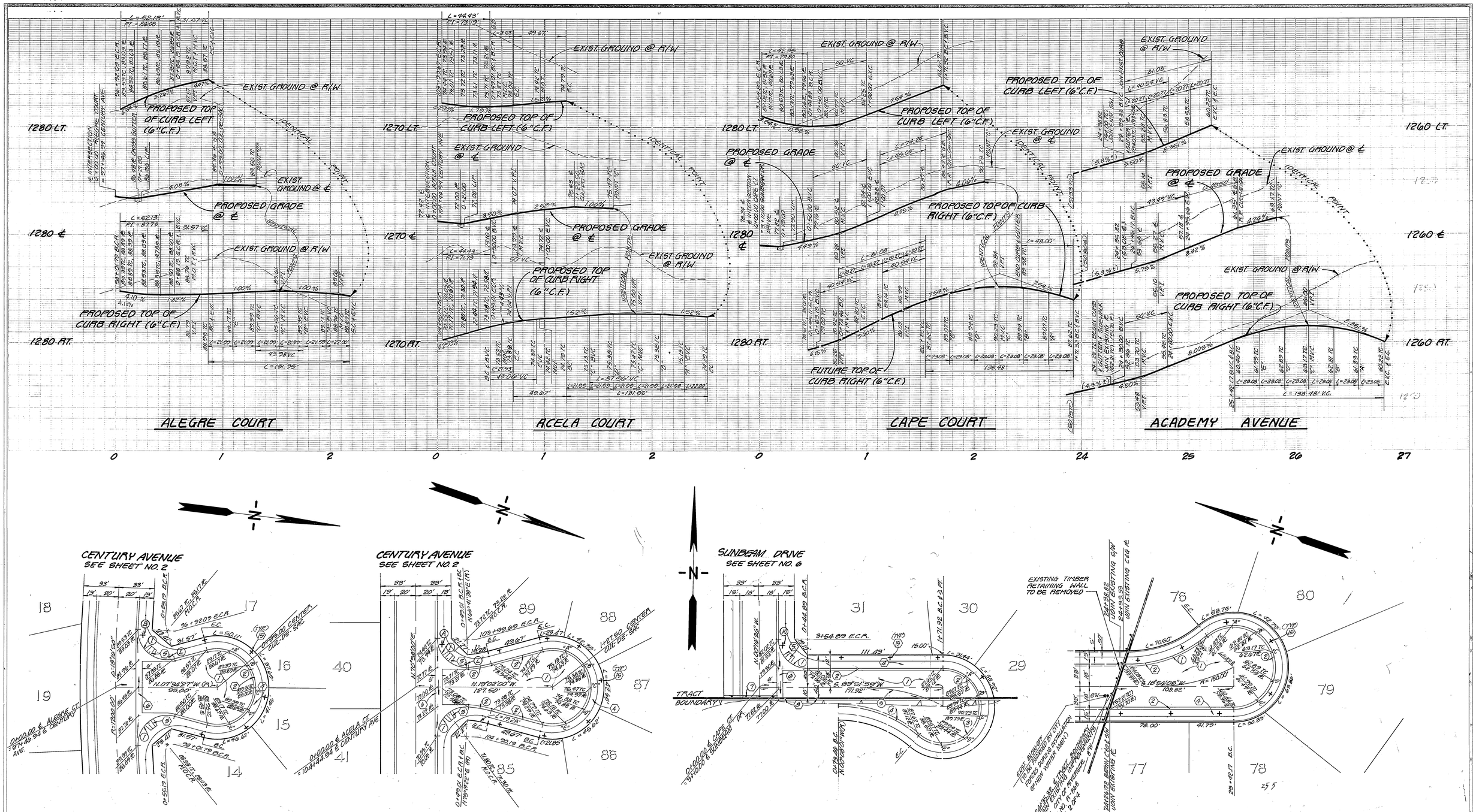
APPROVED BY William B. Hardman
DIRECTOR OF PUBLIC WORKS
DATE 8-12-86

TRACT NO. 11272
STREET PLAN AND PROFILE JAGUAR DRIVE ~ CABLE CIRCLE

FOR: FOLEY CONSTRUCTION

PROJECT NO. R-2770
SHEET 7 OF 10
FILE NO. 85-9016 (M)

PC 1911



CURVE DATA

ALEGRE COURT

①	R=27.00'	Δ=110°97'08"
	T=39.01'	L=52.13'
②	R=36.00'	Δ=210°00'00"
	T=——	L=131.95'

ACELA COURT

①	R=27.00'	Δ=94°16'22"
	T=29.06'	L=44.43'
②	R=115.00'	Δ=10°43'39"
	T=10.80'	L=21.93'
③	R=36.00'	Δ=210°00'00"
	T=——	L=131.95'

CAPE COURT

①	R=27.00'	Δ=89°91'39"
	T=25.99'	L=42.35'
②	R=36.00'	Δ=76°23'28"
	T=——	L=48.00'
③	R=36.00'	Δ=144°00'16"
	T=——	L=90.48'
④	R=116.00'	Δ=90°23'44"
	T=42.31'	L=81.08'
⑤	R=150.00'	Δ=21°02'22"
	T=——	L=55.08'

ACADEMY AVENUE

①	R=116.00'	Δ=40°23'44"
	T=42.31'	L=81.08'
②	R=36.00'	Δ=220°23'44"
	T=——	L=138.48'

NOTE :

For Construction Notes, General Notes and Typical Section, see Sheet No. 1.

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

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.

INDEXED BY CD.

CITY OF RIVERSIDE
WATER SYSTEM
David V. Garcia — APPROVED — 5-16-86 DATE

J.F. DAVIDSON ASSOCIATES, INC.
CIVIL ENGINEERS-SURVEYORS-PLANNERS
RIVERSIDE COLTON CALIFORNIA
APPROVED John W Canty DATE 1-22-86
REGISTERED CIVIL ENGINEER NO. 17550 EXP 6-30-89

J. F. DAVIDSON ASSOCIATES
CIVIL ENGINEERS o SURVEYORS o PLANNERS
3426 TENTH STREET — RIVERSIDE, CAL. (714)686-0844
11200 S. MT. VERNON AVE. — (714)825-1082 COLTON, CAL.

SCALE: HORIZ. 1"=40' VERT. 1"=8'
BENCH MARK: SEE SHEET NO. 1.
DATE JANUARY 1986

MARK	REVISIONS	APPR.	DATE

DESIGNED BY HAE/EG DRAWN BY TAI/CDR CHECKED BY E.S. AB

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

	BY	DATE
APPROVED BY		
PRINCIPAL ENGINEER	HE	8/7/86
PARK DEPARTMENT	EG	8-7-86
TRAFFIC DIVISION	Ann	8-7-86
CHIEF P. W. ENGR.		

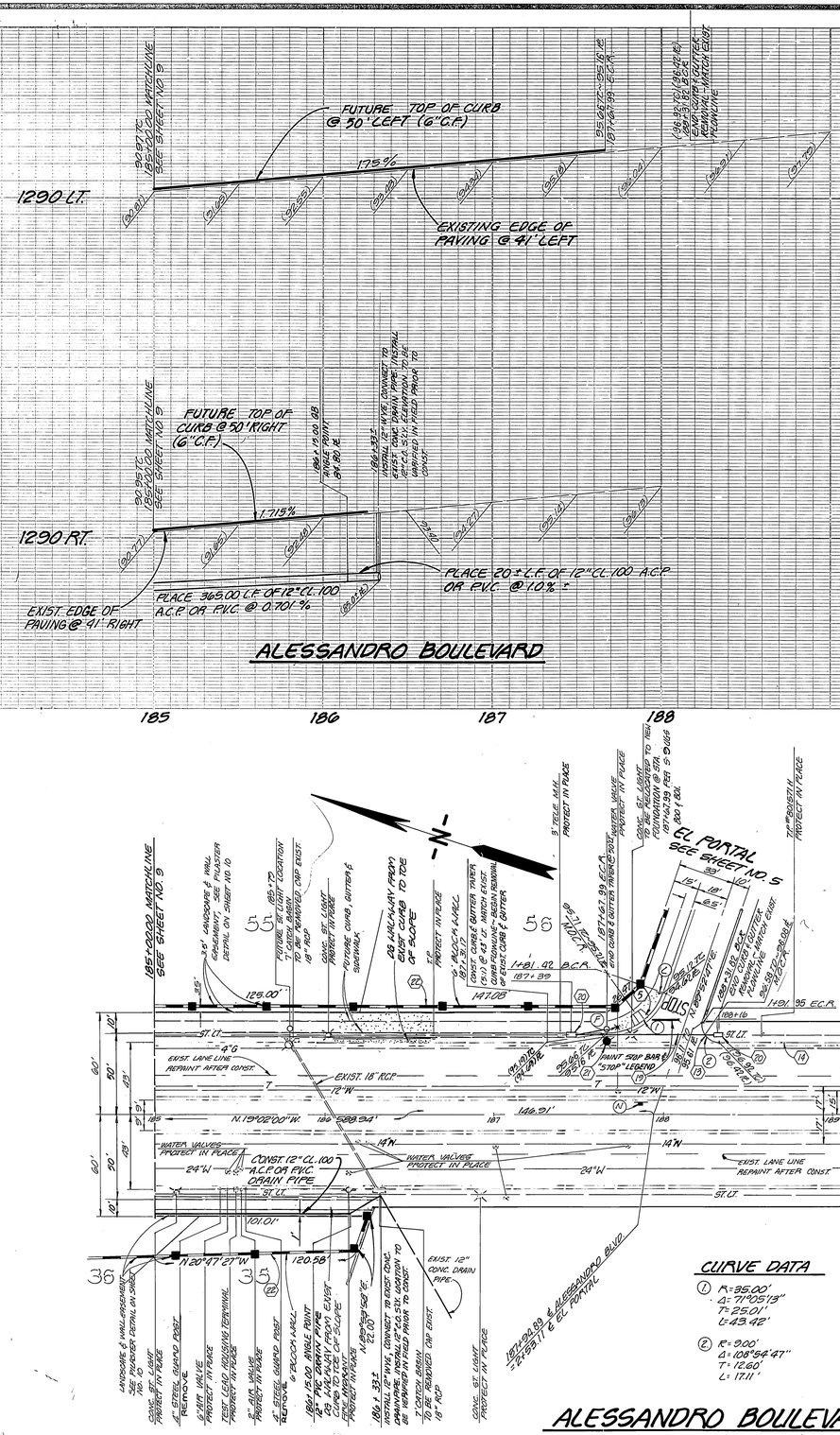
APPROVED BY William D. Gardner
DIRECTOR OF PUBLIC WORKS
DATE 8-12-86

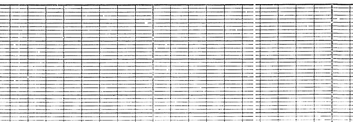
TRACT NO. 11272
STREET PLAN AND PROFILE
ACADEMY AVE. - CAPE COURT
ACELA COURT - ALEGRE COURT
FOR: FOLEY CONSTRUCTION

PROJECT NO. R-2770
SHEET 8 OF 10
FILE NO. 85-3016 (M)

PC 1911

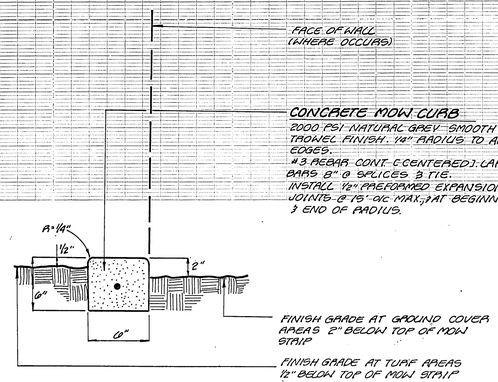
1250 LT.
1230 LT.
1250 RT.
1230 RT.
1280 LT.
1280 RT.
600'VC
FUTURE TOP OF CURB @ 50' LEFT (6" C.F.)
5.636%
EXISTING EDGE OF PAVING @ 41' LEFT
FUTURE TOP OF CURB @ 50' RIGHT (6" C.F.)
EXIST. 12" ACP
EXIST. EDGE OF PAVING @ 41' RIGHT
EXIST. 12" ACP
EXIST. 15" ACP
EXIST. 24" R.C.P.
EXIST. 15" R.C.P. PER CITY OF RIV. PLAN NO. D-284, SHEET 3.
EXIST. 6' BLOCK WALL
EXIST. 4' BLOCK WALL
EXIST. 8" V.C.P.
EXIST. 10" V.C.P.
EXIST. 12" V.C.P.
EXIST. 18" V.C.P.
EXIST. 24" V.C.P.
EXIST. 30" V.C.P.
EXIST. 36" V.C.P.
EXIST. 42" V.C.P.
EXIST. 48" V.C.P.
EXIST. 54" V.C.P.
EXIST. 60" V.C.P.
EXIST. 72" V.C.P.
EXIST. 84" V.C.P.
EXIST. 96" V.C.P.
EXIST. 108" V.C.P.
EXIST. 120" V.C.P.
EXIST. 132" V.C.P.
EXIST. 144" V.C.P.
EXIST. 156" V.C.P.
EXIST. 168" V.C.P.
EXIST. 180" V.C.P.
EXIST. 192" V.C.P.
EXIST. 204" V.C.P.
EXIST.





PILASTER DETAIL

NOT TO SCALE



CONCRETE MOW CURB

2000 PSI NATURAL GREY SMOOTH TROWEL FINISH. 1/4" RADIUS TO ALL EDGES.
#3 REBAR CONT. (CENTERED): LAP BARS 8" @ SPLICES & TIE.
INSTALL 1/2" PREFORMED EXPANSION JOINTS @ 15'-0/C MAX.; AT BEGINNING & END OF RADIUS.

MOW CURB

NOT TO SCALE

STREET LIGHT LEGEND

NEW AND RELOCATED STREET LIGHTS

STREET LIGHT ELECTROLIER
CONCRETE STANDARD 31'-3" PER ITEM S-9
LUMINAIRE 200 W., H.P.S. PER ITEM H-9
LAMP 200 W., H.P.S. PER ITEM HL-4 AND
PC-3 PHOTO CONTROL ALL PER UGS-800.

1" RIGID PLASTIC (OB) CONDUIT
WITH 2-#8 CU. 600 V CABLES

PULL BOX (12" x 22" x 12")
PER ITEM P-2 OF UGS-800
INSTALL PER UGS-320

EXISTING STREET LIGHT SERVICE IS 240 V.

FUTURE STREET LIGHT LOCATION

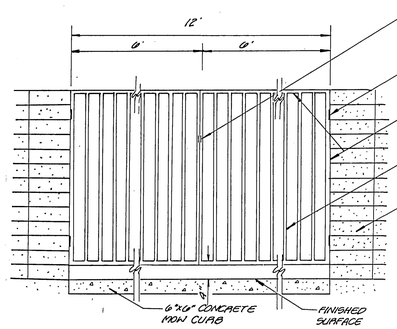
NOTES:

For Construction Notes, Street Light Notes General Notes and Typical Section, See Sheet No. 1.

CURVE DATA

① R=35.00'
Δ=71°05'13"
T=25.01'
L=43.42'

② R=9.00'
Δ=108°54'47"
T=12.60'
L=17.11'



GATE NOTES:
1) TO ALL METAL SURFACES APPLY ONE PRIME COAT AND ONE FINISH COAT OF AMERATONE #2801A (BRONCO BROWN-SATIN FINISH)
2) CONTINUOUS WELD ALL CONNECTIONS.
3) SUBMIT SHOP DRAWINGS FOR CITY APPROVAL

GATE DETAIL

NOT TO SCALE

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INDEXED BY C.D.

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

CITY OF RIVERSIDE
WATER SYSTEM
David V. Garcia 5-16-86
APPROVED DATE

CITY OF RIVERSIDE
PUBLIC UTILITIES
ELECTRICAL DIVISION
CHIEF UTILITIES ENGINEER, ELECTRICAL — DATE

SOUTHERN CALIFORNIA GAS CO.
Reviewed by: E. E. Ruder 4-25-86
date

PACIFIC BELL
APPROVED BY: D. J. Garcia 4/25/86
PUBLIC IMPROVEMENT ENGINEER — DATE

J.F. DAVIDSON ASSOCIATES, INC.
CIVIL ENGINEERS · SURVEYORS · PLANNERS
RIVERSIDE CALIFORNIA COLTON
APPROVED Jack W. Canty DATE 1/22/86
REGISTERED CIVIL ENGINEER NO. 17550 EXP 6-30-89

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DESIGNED BY ES DRAWN BY CP/TA CHECKED BY E.S. A.

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

	BY	DATE
APPROVED BY PRINCIPAL ENGINEER		8/7/86
PARK DEPARTMENT		8-13-86
TRAFFIC DIVISION		8-7-86
CHIEF P. W. ENGR. PLANNING		8-14-86

APPROVED BY William D. Gardner
DIRECTOR OF PUBLIC WORKS
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STREET PLAN AND PROFILE
ALESSANDRO BOULEVARD

FOR: FOLEY CONSTRUCTION

PROJECT NO. R-2770
SHEET 10 OF 10
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PC 1911