IN THE CITY OF RIVERSIDE, CALIFORNIA

STREET IMPROVEMENT PLANS

TRACT NO. 29242

GENERAL NOTES

1. NO PERSON SHALL PERFORM ANY CONSTRUCTION ACTIVITY OR INSTALL ANY OBJECTS WITHIN THE PUBLIC RIGHTS-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.
2. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CLEAR THE RIGHT-OF-WAY IN ACCORDANCE WITH THE PROVISIONS OF LAW AS IT AFFECTS EACH UTILITY INCLUDING IRRIGATION LINES AND APPURTENANCES AND AT NO COST TO THE CITY.
3. CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF RIVERSIDE DEPARTMENT OF PUBLIC WORKS, STANDARD DRAWINGS, ITS SUPPLEMENTAL NOTES AND THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, CURRENT EDITION.
4. 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.
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. ALL FLAGGED ELEVATIONS SHALL BE STAKED IN THE FIELD BY THE PRIVATE ENGINEER.
7. WHERE NEW PAVEMENT IS TO JOIN THE EXISTING PAVEMENT, THE EDGE OF THE EXISTING PAVEMENT SHALL BE TRIMMED IN A SMOOTH AND STRAIGHT LINE. CONSTRUCT MATCH-UP PAVING AS SHOWN ON THE PLANS AND OVERLAY PAVING AS DIRECTED IN THE FIELD TO PRODUCE A SMOOTH SECTION.
8. 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.
9. 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.
10. ALL TRAFFIC SIGNS SHALL BE INSTALLED PRIOR TO OPENING THE STREETS TO TRAFFIC.
11. 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.
12. FINAL STRIPING FOR TRAFFIC CONTROL AND/OR PAVEMENT MARKING TO BE THE RESPONSIBILITY OF THE CONTRACTOR.
13. THE CONTRACTOR SHALL CALL IN A LOCATION REQUEST TO UNDERGROUND SERVICE ALERT (USA), PHONE # 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.
14. SEE "STREET LIGHTING PLANS" FOR QUANTITY AND LOCATION OF REQUIRED STREET LIGHTS
15. QUANTITIES SHOWN ARE FOR INFORMATION ONLY AND THE CITY OF RIVERSIDE IS NOT RESPONSIBLE FOR THEIR ACCURACY.
16. IN PAVEMENT OVERLAY AREAS, ANY DISTRESSED EXISTING PAVEMENT SHALL BE REMOVED AND REPLACED AS DIRECTED BY THE INSPECTOR PRIOR TO OVERLAYING WITH A.C. PAVING.
17. THE CONTRACTOR SHALL COORDINATE TRENCHING FOR CABLE TELEVISION WITH OTHER TRENCHING WITHIN THE SUBDIVISION.
18. CONSTRUCT DRIVEWAY APPROACHES PER STANDARD DRAWING 302. EXACT SIZE AND LOCATION TO BE STAKED BY THE PRIVATE ENGINEER PRIOR TO CONSTRUCTION OF THE CURB AND GUTTER.

LEGEND

CONTOUR (EXISTING) 216
CENTERLINE
CUT OR FILL SLOPE (RATIO PER PLAN)
EDGE OF PAVEMENT AND REDWOOD HEADER
A.C. PAVEMENT
CURB AND GUTTER
PROPOSED STORM DRAIN
CATCH BASIN AND LOCAL DEPRESSION
EXISTING WATERLINE ..... W
EXISTING OIL PIPELINE ..... OIL
EXISTING GASLINE ..... G
TRACT BOUNDARY

ABBREVIATIONS

GRADE BREAK	GB
TOP OF CURB ELEVATION	TC
FLOW LINE ELEVATION	FL
FINISHED SURFACE ELEVATION	FS
FINISHED GRADE ELEVATION	FG
TOP OF DIKE	TD

MS3823 IP010012

NOTE:
INSTALL STREET NAME SIGNS PER CITY OF RIVERSIDE STANDARD DWG. 662 AND 662(PVT)

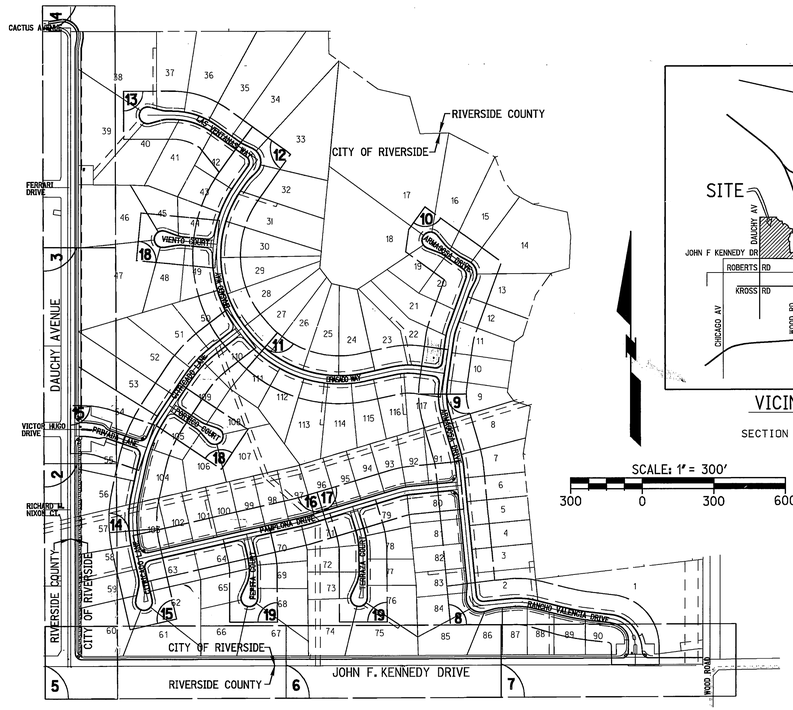
STREET NAME SIGN SCHEDULE

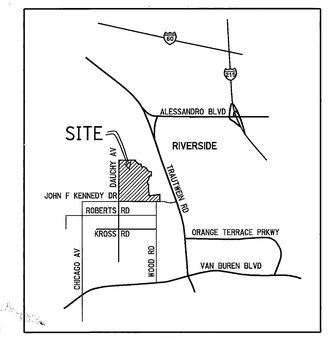
NO.	STREET NAME	BLOCK NO.
A	DAUCHY AVENUE	14600
	CACTUS AVENUE	18500
B	DAUCHY AVENUE	15000
	JOHN F. KENNEDY DRIVE	18500
C	JOHN F. KENNEDY DRIVE	18900
	RANCHO VALENCIA DRIVE	8200
D	RANCHO VALENCIA DRIVE	8100
	ARMAGOSA DRIVE	8100
E	ARMAGOSA DRIVE	7900
	ARMAGOSA DRIVE	7900
F	ARMAGOSA DRIVE	8000
	BRASADO WAY	1100
G	BRASADO WAY	1200
	LAS VENTANAS WAY	1200
H	CITRICADO LANE	8000
	BRASADO WAY	1200
I	DAUCHY AVENUE	14800
	PRIVADA LANE	1300
J	PRIVADA LANE	1200
	CITRICADO LANE	8000
K	CITRICADO LANE	8100
	PAMPLONA DRIVE	1200
L	PAMPLONA DRIVE	1100
	ARMAGOSA DRIVE	8100
M	VIENTO COURT	1200
	BRASADO WAY	1200
N	PORTICO COURT	1200
	CITRICADO LANE	8000
P	PEPITA COURT	8100
	PAMPLONA DRIVE	1200
Q	TERRAZA COURT	8100
	PAMPLONA DRIVE	1100

NOTE:
INSTALL TRAFFIC CONTROL SIGNS PER CITY OF RIVERSIDE STANDARD DWG. 666

TRAFFIC SIGN SCHEDULE

NO.	SIGN TYPE	QUANTITY	NO.	SIGN TYPE	QUANTITY
R	R1 - STOP SIGN	12 EA	V	W3 - TURN SIGN	3 EA
S	W53 - NOT A THROUGH STREET	2 EA	W	W6 - ADVISORY SPEED PLATE	3 EA
T	W53A - NO OUTLET	1 EA	X	W57 - SINGLE HEAD ARROW SIGN	3 EA
U	R26 - NO PARKING ANY TIME (@ 300' SPACING TYP)	25 EA	Y	W56 - DOUBLE HEAD ARROW SIGN	1 EA
			Z	W19 - PAVEMENT ENDS	1 EA





VICINITY MAP
N.T.S
SECTION 18, T 3S, R 4W

SCALE: 1" = 300'
300 0 300 600

NOTE:
SEE SHEET NO. 20
FOR TYPICAL SECTIONS

COUNTY OF RIVERSIDE GENERAL NOTES

1. IT SHALL BE THE RESPONSIBILITY OF THE DEVELOPER/OWNER OR CONTRACTOR TO APPLY TO THE RIVERSIDE COUNTY TRANSPORTATION DEPARTMENT, PERMIT SECTION, FOR AN ENCROACHMENT PERMIT FOR ALL WORK PERFORMED WITHIN PUBLIC RIGHT-OF-WAY, DEDICATED AND ACCEPTED FOR PUBLIC USE; AND TO BE RESPONSIBLE FOR SATISFACTORY COMPLIANCE FOR ALL CURRENT ENVIRONMENTAL REGULATIONS DURING THE LIFE OF CONSTRUCTION ACTIVITIES FOR THIS PROJECT. ADDITIONAL STUDIES AND/OR PERMITES MAY BE REQUIRED.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CLEARING OF THE PROPOSED WORK AREA, AND RELOCATION COSTS OF ALL EXISTING UTILITIES. THE PERMITEE MUST INFORM COUNTY OF CONSTRUCTION SCHEDULE AT LEAST 48 HOURS PRIOR TO BEGINNING OF CONSTRUCTION. PHONE (909)955-6790
3. CONTRACTOR TO INSTALL ALL SIGNING AND STRIPING WITHIN COUNTY PORTION.
4. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR OR DEVELOPER TO INSTALL AND MAINTAIN ALL CONSTRUCTION, REGULATORY, GUIDE AND WARNING SIGNS WITHIN THE PROJECT LIMITS AND ITS SURROUNDINGS TO PROVIDE SAFE PASSAGE FOR THE TRAVELING PUBLIC AND WORKERS UNTIL THE FINAL COMPLETION AND ACCEPTANCE OF THE PROJECT BY THE COUNTY.
5. THE DEVELOPER SHALL BE RESPONSIBLE FOR THE INSTALLATION OF ADDITIONAL SIGNS AND MARKINGS NOT INCLUDED IN THE SIGNING AND STRIPING PLAN WITHIN THE PROJECT AREAS, OR ON ROADWAYS ADJACENT TO THE PROJECT BOUNDARIES, UPON THE REQUEST OF THE DIRECTOR OF TRANSPORTATION OR HIS DESIGNEE TO IMPROVE TRAFFIC SAFETY ON THE ROADS UNDER THE JURISDICTION OF THE DEVELOPER.
6. ALL UNDERGROUND FACILITIES, WITH LATERALS, SHALL BE IN PLACE PRIOR TO PAVING THE STREET, INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING: SEWER, WATER, ELECTRIC, GAS, STORM DRAINS

PARKS DEPARTMENT NOTES

1. ALL RELATED WORK SHALL CONFORM TO THE CITY OF RIVERSIDE PARK AND RECREATION DEPARTMENT STANDARDS AND CITY OF RIVERSIDE STREET TREE POLICIES.
2. STREET TREE PLANTING SHALL BE AS FOLLOWS:

STREET NAME	BOTANICAL NAME/COMMON NAME	MIN SIZE	APPROX. NUMBER	SPACING REQUIRED
DAUCHY AVENUE	SEE REVERSE FRONTAGE LANDSCAPE PLAN #R-3626-L AS PREPARED BY COMMUNITY WORKS DESIGN GROUP			
J.F. KENNEDY DR.	SEE REVERSE FRONTAGE LANDSCAPE PLAN # R-3626-L AS PREPARED BY COMMUNITY WORKS DESIGN GROUP			
ARMAGOSA DR.	PRIVATE STREET- NO STREET TREES REQUIRED.			
BRASADO WAY	PRIVATE STREET- NO STREET TREES REQUIRED.			
CITRICADO LN.	PRIVATE STREET-NO STREET TREES REQUIRED.			
LAS VENTANAS WAY	PRIVATE STREET-NO STREET TREES REQUIRED.			
PAMPLONA DR.	PRIVATE STREET- NO STREET TREES REQUIRED.			
PEPITA CT.	PRIVATE STREET-NO STREET TREES REQUIRED.			
PORTICO CT.	PRIVATE STREET-NO STREET TREES REQUIRED.			
PRIVADA LN.	PRIVATE STREET-NO STREET TREES REQUIRED.			
RANCHO VALENCIA DR.	PRIVATE STREET-NO STREET TREES REQUIRED.			
TERRAZA CT.	PRIVATE STREET-NO STREET TREES REQUIRED.			
VIENTO CT.	PRIVATE STREET- NO STREET TREES REQUIRED.			

NOTE:
COUNTY PORTION TO BE INSPECTED BY COUNTY PERMITS SECTION.

WORK TO BE DONE

THESE IMPROVEMENTS CONSIST OF THE FOLLOWING WORK TO BE DONE ACCORDING TO THESE PLANS, THE CURRENT CITY OF RIVERSIDE STANDARDS AND SPECIFICATIONS, AND THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORK CONSTRUCTION ("GREEN BOOK").

PRIVATE ENGINEER'S NOTE TO CONTRACTOR

ALL CONTRACTORS AND SUBCONTRACTORS PERFORMING WORK SHOWN ON OR RELATED TO THESE PLANS SHALL CONDUCT THEIR OPERATIONS SO THAT ALL EMPLOYEES ARE PROVIDED A SAFE PLACE TO WORK AND THE PUBLIC IS PROTECTED. ALL CONTRACTORS AND SUBCONTRACTORS SHALL COMPLY WITH THE OCCUPATIONAL SAFETY AND HEALTH REGULATION OF THE U.S. DEPARTMENT OF LABOR AND THE STATE OF CALIFORNIA DEPARTMENT OF INDUSTRIAL RELATIONS CONSTRUCTION SAFETY ORDERS. THE CIVIL ENGINEER SHALL NOT BE RESPONSIBLE IN ANY WAY FOR THE CONTRACTORS AND SUBCONTRACTORS COMPLIANCE WITH SAID REGULATIONS AND ORDERS.

CONTRACTOR FURTHER 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 CIVIL ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT. EXCEPTION FOR LIABILITY RISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR ENGINEER.

THE EXISTENCE AND APPROXIMATE LOCATIONS OF ANY UNDERGROUND UTILITIES OR STRUCTURES SHOWN ON THESE PLANS ARE OBTAINED BY A SEARCH OF THE AVAILABLE RECORDS. THE CIVIL ENGINEER ASSUMES NO LIABILITY AS TO THE EXACT LOCATION OF SAID LINES NOR FOR UTILITY OR IRRIGATION LINES WHOSE LOCATIONS ARE NOT SHOWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING ALL UTILITY AND IRRIGATION COMPANIES PRIOR TO WORK OR EXCAVATION TO DETERMINE THE EXACT LOCATIONS OF ALL LINES AFFECTING THIS WORK, WHETHER OR NOT SHOWN HERON, AND FOR ANY DAMAGE OR PROTECTION TO THESE LINES.

OWNER/DEVELOPER

CONTINENTAL RESIDENTIAL, INC., dba CONTINENTAL HOMES
2237 FARADAY AVENUE, SUITE 100
CARLSBAD, CA. 92008
ATTN: DAVID LOTHER
(760) 931-1980

ENGINEER

RICK ENGINEERING COMPANY
1223 UNIVERSITY AVE., SUITE 240
RIVERSIDE, CA 92507
(909) 782-0707

SOILS ENGINEER

GEOCON INCORPORATED
43280 BUSINESS PARK DR., SUITE 108
TEMECULA, CA. 92590
ATTN: DAVID F. LEAKE OR ALI SADR
909-587-8169

CONSTRUCTION NOTES & QUANTITY ESTIMATES:

△ ① PLACE * AC PAVEMENT OVER * CRUSHED AGGREGATE BASE, R= * PER S.R. 1580	168,280	TONS
② PLACE * AC PAVEMENT OVER * CRUSHED AGGREGATE BASE, R= * PER S.R. 1580 * SEE INDIVIDUAL SHEETS FOR PAVING SECTIONS	304,956	TONS SF
③ CONSTRUCT 6" CURB AND GUTTER TYPE I PER CITY OF RIVERSIDE STD. DWG. NO. 200	25,320	LF
④ CONSTRUCT 8" CURB TYPE II PER CITY OF RIVERSIDE STD. DWG. NO. 200	278	LF
⑤ CONSTRUCT CROSS GUTTER PER CITY OF RIVERSIDE OF STD. DWG. NO. 220	5,267	SF
⑥ CONSTRUCT WHEELCHAIR RAMP PER CITY OF RIVERSIDE STD. DWG. NO. 304, TYPE PER PLAN	9	EA
⑦ CONSTRUCT CURB SIDEWALK PER CITY OF RIVERSIDE STD. DWG. NO. 325	52,494	SF
⑧ CONSTRUCT CURB OUTLET PER CITY OF RIVERSIDE STD. DWG. NO. 410	11	EA
⑨ CONSTRUCT DRIVEWAY APPROACH, TYPE CURB I PER CITY OF RIVERSIDE STD. DWG. NO. 302	25	EA
⑩ CONSTRUCT DRIVEWAY APPROACH, TYPE CURB II PER CITY OF RIVERSIDE STD. DWG. NO. 302	96	EA
⑬ CONSTRUCT AC BERM PER CITY OF RIVERSIDE STD. DWG. NO. 250 TYPE I	2,654	LF
⑭ CONSTRUCT AC OVERSIDE DRAIN PER CALTRANS STD. PLAN D87B	3	EA
⑮ CONSTRUCT 4' D.G. TRAIL	623	CY
⑯ APPLY "STOP" PAVEMENT MARKINGS PER CALTRANS STD. PLAN A24D	4	EA
⑰ APPLY 12" SOLID WHITE CROSSWALK/LIMIT LINES PER CALTRANS STD. PLAN A24E AND COUNTY OF RIVERSIDE STD. NO. 403	260	LF
⑱ REMOVE EXISTING AC PAVEMENT	4,432	SF
⑲ INSTALL BARRICADE PER CITY OF RIVERSIDE STD DWG NO. 180	125	LF
⑳ CONSTRUCT DRIVEWAY APPROACH PER DETAIL ON SHEET 20	15	EA
㉑ CONSTRUCT OVERSIDE DRAIN SPLASH PAD PER DETAIL ON SHEET 20	2	EA
㉒ CONSTRUCT EMERGENCY OVERFLOW LINED DITCH PER DETAIL ON SHEET 20	2	EA
㉓ APPLY 4" YELLOW CENTERLINE PER CALTRANS STD. PLAN A20A (DETAIL 1)	2650	LF
㉔ PLACE 18" CSP	90	LF

CAUTION:
EXACT LOCATION OF EXISTING UNDERGROUND FACILITIES IS UNKNOWN. CONTRACTOR TO VERIFY IN FIELD.

SO. CALIFORNIA GAS COMPANY
FOR NON-INTERFERENCE COMPLIANCE
APPROVED BY ..... DATE 7/17/01

REVIEWED BY
WESTERN MUNICIPAL WATER DIST.
FOR NON-INTERFERENCE COMPLIANCE
SHEETS 1 THROUGH 7
CIVIL ENGINEER ..... R.C.E. 21643 ..... DATE 5/29/02

QUESTAR SOUTHERN TRAILS PIPELINE
FOR NON-INTERFERENCE COMPLIANCE
APPROVED BY ..... DATE 9/5/01

CITY OF RIVERSIDE
PUBLIC UTILITIES DEPARTMENT-ELECTRIC
OVERHEAD AND UNDERGROUND
APPROVED BY ..... DATE 9-10-01

REGISTERED PROFESSIONAL ENGINEER MARTIN L. ANDERSON No. 51313 Exp. 6-30-06 CIVIL STATE OF CALIFORNIA
AS-BUILT 08/22/05

SEAL
REGISTERED PROFESSIONAL ENGINEER KHALED A. OTMAN No. 33950 Exp. 6-30-02 CIVIL STATE OF CALIFORNIA

COUNTY OF RIVERSIDE
TRANSPORTATION DEPARTMENT
APPROVAL BY THE COUNTY TRANSPORTATION DEPT. IS FOR THE AREA WITHIN COUNTY ROAD R/W ONLY
COUNTY OF RIVERSIDE ..... DATE 6/4/02

DIG ALERT
CALL BEFORE YOU DIG!
1-800-227-2600
UNDERGROUND SERVICE ALERT
Call at least 2 working days prior to excavating.

REGISTERED PROFESSIONAL ENGINEER EDWARD MICHEL RATICAN No. 46804 Exp. 6-30-03 CIVIL STATE OF CALIFORNIA

PREPARED UNDER THE DIRECTION OF EDWARD M. RATICAN 6/26/01
REGISTERED CIVIL ENGINEER NO. 46804
EXPIRATION DATE 6-30-03

RICK ENGINEERING COMPANY
San Diego Riverside Orange Phoenix Tucson
1223 University Ave., Ste. 240 • Riverside, CA 92507-3418 • (909)782-0707 • FAX (909)782-0723 • www.rickeng.com
CITY BUSINESS TAX CERTIFICATE NO. 35225 EXP. DATE 7/20/02

BENCH MARK
CITY OF RIVERSIDE BENCHMARK E8-A2, ELEVATION=1588.453' P.K. NAIL AND TAG IN TOP OF 35X50X20 FOOT GRANITE BOULDER, 100 FEET WESTERLY OF TRAUTWEIN ROAD AND 500 FEET NORTHERLY OF JESSE LANE.

MARK	REVISIONS	APPR	DATE
△	ADDED PAVE SECTION DATA PER S.R. 1580		2/12 4/8/02

DESIGNED BY MLA DRAWN BY MLAG CHECKED BY EMR

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER		
PARK DEPARTMENT		7/20/01
TRAFFIC DIVISION		7/17/01
DEPUTY P.W. DIRECTOR		
STREET SERVICES		

APPROVED BY
DIRECTOR OF PUBLIC WORKS
DATE 10/2/01

STREET IMPROVEMENT PLANS
TRACT NO. 29242
TITLE SHEET

PROJECT NO. R-3626
SHEET 1 OF 20
SCALE: HORIZ: 1"=300' VERT: N/A
FILE NO.

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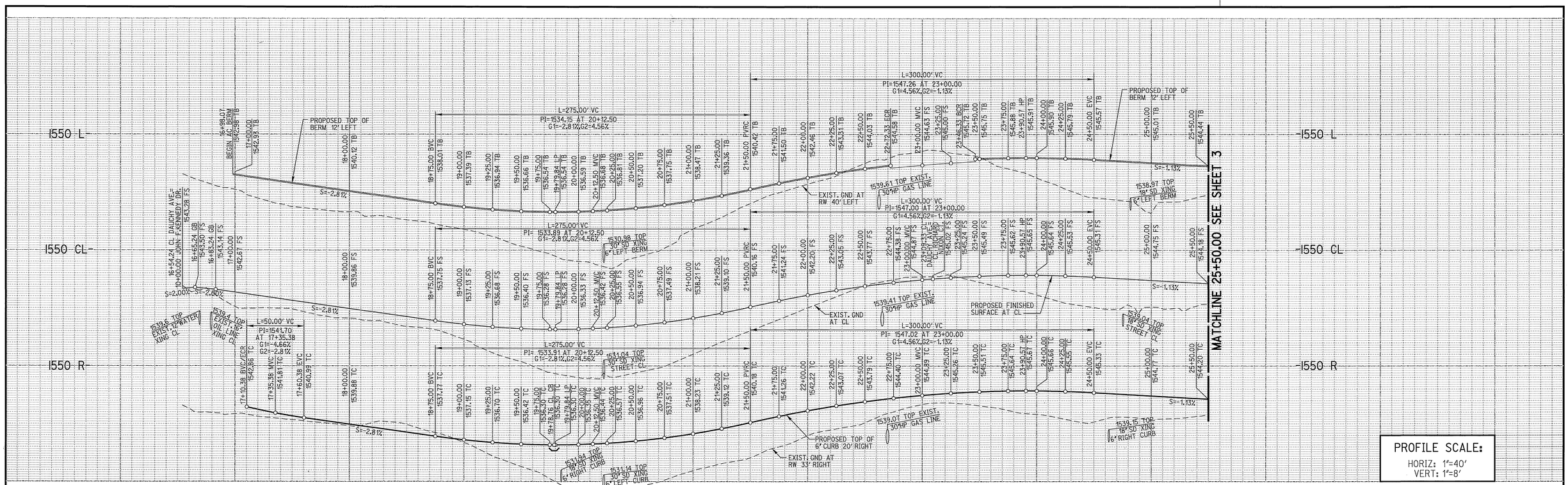
INDEXED 9-4-02 GH

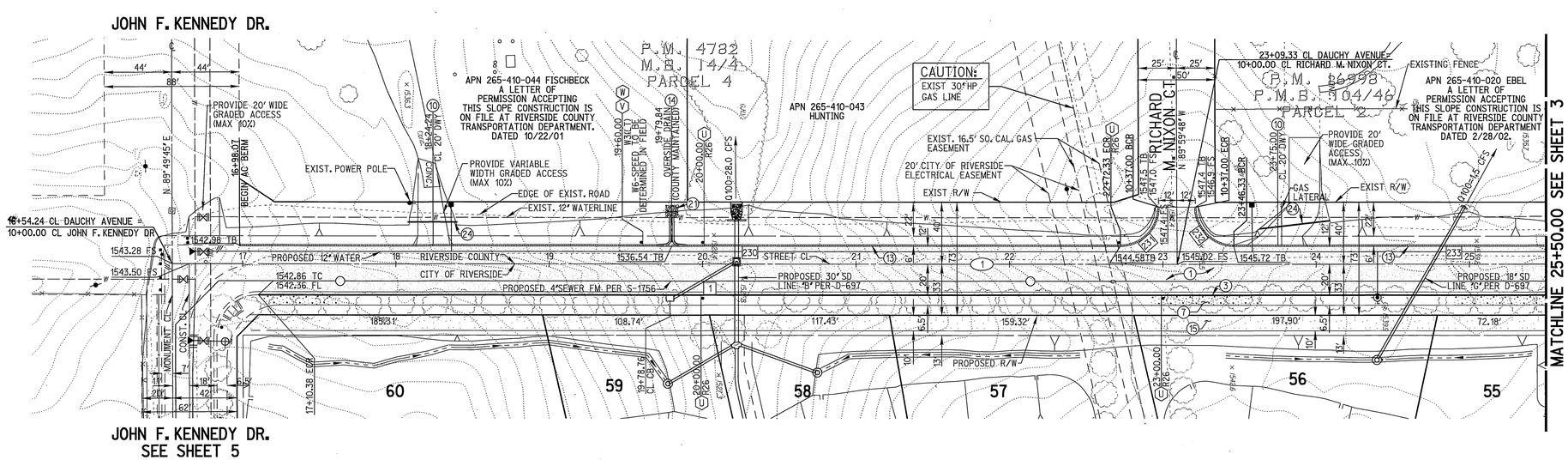
G:\d_13707\707Imp1.dgn PLOT DATE: 26-JUN-2001 JN 13707A



PROFILE SCALE:
HORIZ: 1"=40'
VERT: 1"=8'

CENTERLINE DATA				
NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
1	N 0°00'12" E		895.76'	

CURB DATA				
NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
1	N 0°00'12" E		839.62'	
230	N 0°00'12" E		574.26'	6" AC BERM
231	90°00'00"	25.00'	39.25'	25.00'(TAN)
232	90°00'00"	25.00'	39.25'	25.00'(TAN)
233	N 0°00'12" E		203.67'	6" AC BERM



CONSTRUCTION NOTES

1. SEE PAVING SECTION TABLE BELOW
3. CONSTRUCT 6" CURB AND GUTTER TYPE I PER CITY OF RIVERSIDE STD. DWG. NO. 200
7. CONSTRUCT CURB SIDEWALK PER CITY OF RIVERSIDE STD. DWG. NO. 325
10. CONSTRUCT DRIVEWAY APPROACH, TYPE CURB II PER CITY OF RIVERSIDE STD. DWG. NO. 302
13. CONSTRUCT AC BERM PER CITY OF RIVERSIDE STD. DWG. NO. 250, TYPE I
14. CONSTRUCT AC OVERSIDE DRAIN PER CALTRANS STD. PLAN D87B
15. CONSTRUCT 4' D.G. TRAIL
21. CONSTRUCT OVERSIDE DRAIN SPLASH PAD PER DETAIL ON SHEET 20
24. PLACE 18" CSP

PAVING SECTIONS PER S.R.1580 W/POST-CONSTRUCTION CAP		
STATION	PAVING SECTION	R-VALUE
STA. 16+54.24 TO 22+00.00	4" AC OVER 7" CAB	54
STA. 22+00.00 TO 25+50.00	4" AC OVER 11.5" CAB	21

SCALE: 1" = 40'
40 0 40 80

MS3823 IP010012

CAUTION:
EXACT LOCATION OF EXISTING UNDERGROUND FACILITIES IS UNKNOWN. CONTRACTOR TO VERIFY IN FIELD.

SEAL
REGISTERED PROFESSIONAL ENGINEER KHALED A. OTMAN No. 33950 Exp. 6-30-02 CIVIL STATE OF CALIFORNIA

COUNTY OF RIVERSIDE
TRANSPORTATION DEPARTMENT
APPROVAL BY THE COUNTY TRANSPORTATION DEPT. IS FOR THE AREA WITHIN COUNTY ROAD R/W ONLY
COUNTY OF RIVERSIDE — 6/14/02 DATE

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1-800-227-2600
UNDERGROUND SERVICE ALERT
Call at least 2 working days prior to excavating.

REGISTERED PROFESSIONAL ENGINEER EDWARD MICHEL RATCAN No. 46804 Exp. 6-30-03 CIVIL STATE OF CALIFORNIA

PREPARED UNDER THE DIRECTION OF EDWARD M. RATCAN 5/29/02
REGISTERED CIVIL ENGINEER NO. 46804
EXPIRATION DATE 6-30-03

RICK ENGINEERING COMPANY
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1223 University Ave., Ste. 240 • Riverside, CA 92507-3418 • (909)782-0707 • FAX (909)782-0723 • www.rickeng.com
CITY BUSINESS TAX CERTIFICATE NO. 35225 EXP. DATE 7/20/02

BENCH MARK
CITY OF RIVERSIDE BENCHMARK E8-A2, ELEVATION=1588.453' P.K. NAIL AND TAG IN TOP OF 35X50X20 FOOT GRANITE BOULDER, 100 FEET WESTERLY OF TRAUTWEIN ROAD AND 500 FEET NORTHERLY OF JESSE LANE.

MARK	REVISIONS	APPR	DATE

DESIGNED BY MLA DRAWN BY MLAG CHECKED BY EMR

REGISTERED PROFESSIONAL ENGINEER MARTIN L. ANDERSON No. 51313 Exp. 6-30-06 CIVIL STATE OF CALIFORNIA
AS-BUILT 08/22/05

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER		6/20/02
PARK DEPARTMENT		
TRAFFIC DIVISION		6/20/02
DEPUTY P.W. DIRECTOR		
STREET SERVICES		

APPROVED BY
DIRECTOR OF PUBLIC WORKS
DATE 6/21/02

STREET IMPROVEMENT PLANS
TRACT NO. 29242
DAUCHY AVENUE
STA. 16+54.24 TO 25+50.00
SCALE HORIZ: 1"=40' VERT: 1"=8'

PROJECT NO. R-3626
SHEET 2 OF 20
FILE NO.

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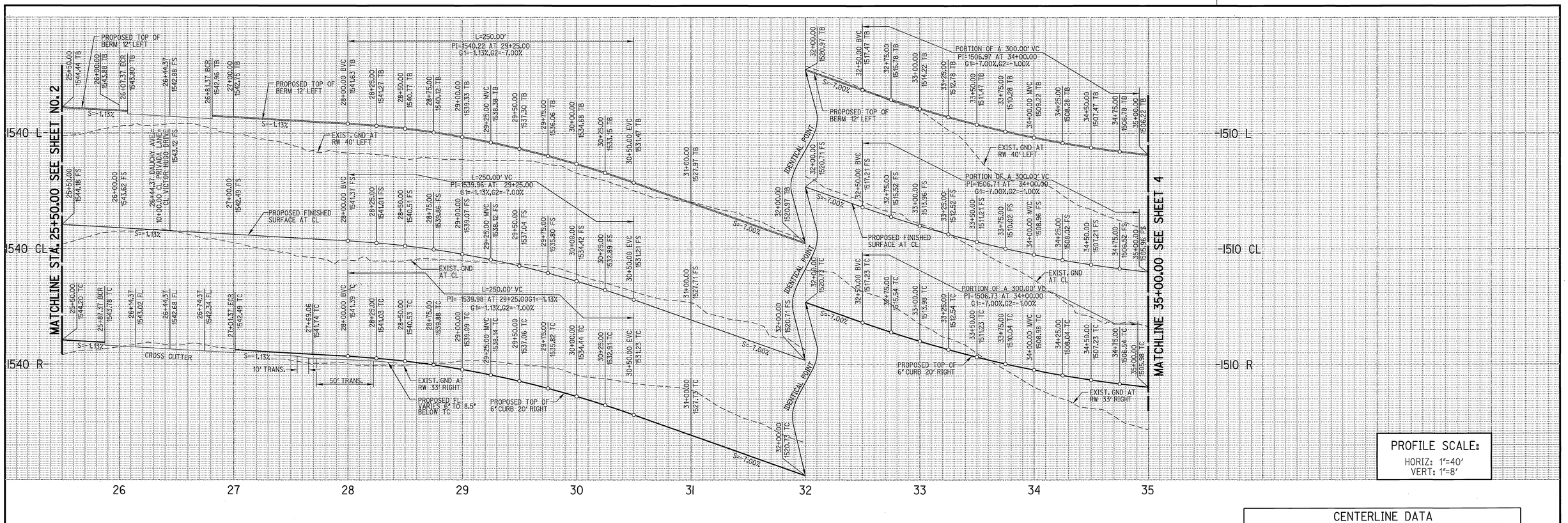
INDEXED 9-4-02 GH

G:\d_13707\707lmp2.dgn PLOT DATE: 29-MAY-2002 JN 13707A



PROFILE SCALE:
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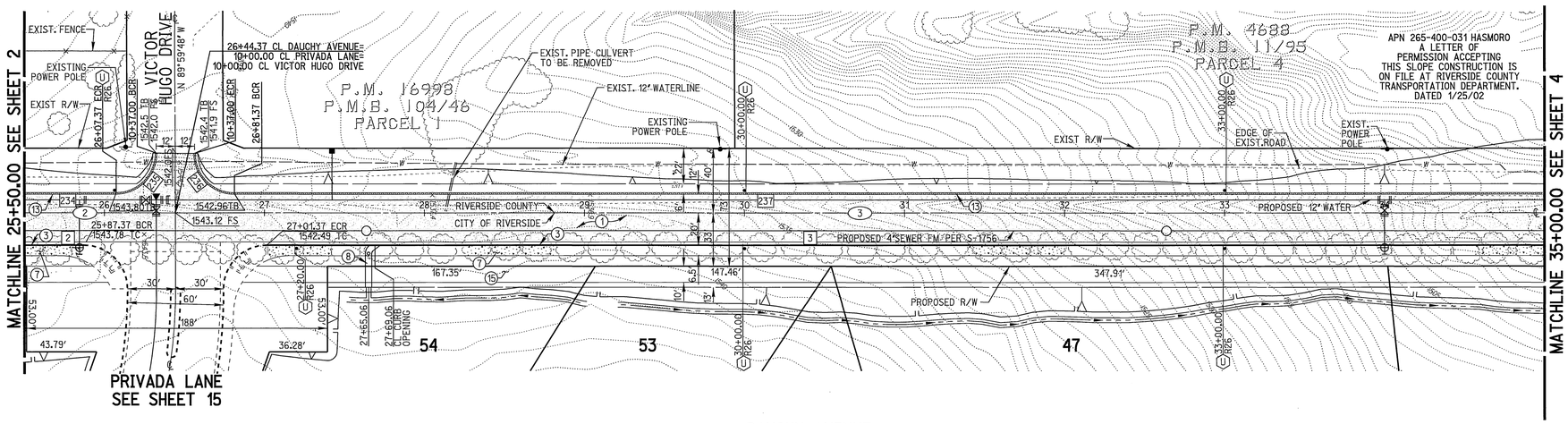

DAUCHY AVENUE

CENTERLINE DATA				
NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
2	N 0°00'12" E		94.37'	
3	N 0°00'12" E		855.63'	

CURB DATA				
NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
2	N 0°00'12" E		37.37'	
3	N 0°00'12" E		798.63'	
234	N 0°00'12" E		57.37'	6" AC BERM
235	90°00'00"	25.00'	39.25'	25.00'(TAN)
236	90°00'00"	25.00'	39.25'	25.00'(TAN)
237	N 0°00'12" E		818.63'	6" AC BERM

CONSTRUCTION NOTES

1. SEE PAVING SECTION TABLE BELOW
3. CONSTRUCT 6" CURB AND GUTTER TYPE I PER CITY OF RIVERSIDE STD. DWG. NO. 200
7. CONSTRUCT CURB SIDEWALK PER CITY OF RIVERSIDE STD. DWG. NO. 325
8. CONSTRUCT CURB OUTLET PER CITY OF RIVERSIDE STD. DWG. NO. 410
13. CONSTRUCT AC BERM PER CITY OF RIVERSIDE STD. DWG. NO. 250, TYPE I
15. CONSTRUCT 4' D.G. TRAIL

PAVING SECTIONS PER S.R.1580 W/POST-CONSTRUCTION CAP		
STATION	PAVING SECTION	R-VALUE
STA. 25+50.00 TO 27+50.00	4" AC OVER 11.5" CAB	21
STA. 27+50.00 TO 33+50.00	4" AC OVER 10" CAB	28
STA. 33+50.00 TO 35+00.00	4" AC OVER 11" CAB	24

SCALE: 1" = 40'
40 0 40 80

MS3823 IP010012

CAUTION:
EXACT LOCATION OF EXISTING UNDERGROUND FACILITIES IS UNKNOWN. CONTRACTOR TO VERIFY IN FIELD.

DIG ALERT
CALL BEFORE YOU DIG!
1-800-227-2600
UNDERGROUND SERVICE ALERT
Call at least 2 working days prior to excavating.

SEAL
REGISTERED PROFESSIONAL ENGINEER HAILED A. OTHMAN No. 33950 Exp. 6-30-02 CIVIL STATE OF CALIFORNIA

COUNTY OF RIVERSIDE
TRANSPORTATION DEPARTMENT
APPROVAL BY THE COUNTY TRANSPORTATION DEPT. IS FOR THE AREA WITHIN COUNTY ROAD R/W ONLY
COUNTY OF RIVERSIDE 6/14/02 DATE

REGISTERED PROFESSIONAL ENGINEER EDWARD MICHEL RATICAN No. 46804 Exp. 6-30-03 CIVIL STATE OF CALIFORNIA

PREPARED UNDER THE DIRECTION OF
EDWARD M. RATICAN 5/28/02
REGISTERED CIVIL ENGINEER NO. 46804
EXPIRATION DATE 6-30-03

RICK ENGINEERING COMPANY
San Diego Riverside Orange Phoenix Tucson
3223 University Ave., Ste. 240 • Riverside, CA 92507-3418 • (909)782-0707 • FAX (909)782-0723 • www.rickeng.com
CITY BUSINESS TAX CERTIFICATE NO. 35225 EXP. DATE 7/20/02

BENCH MARK
CITY OF RIVERSIDE BENCHMARK E8-A2, ELEVATION=1588.453' P.K. NAIL AND TAG IN TOP OF 35X50X20 FOOT GRANITE BOULDER, 100 FEET WESTERLY OF TRAUTWEIN ROAD AND 500 FEET NORTHERLY OF JESSE LANE.

MARK	REVISIONS	APPR	DATE
1	REVISED PAVE SECTION DATA PER SR 1580		

DESIGNED BY MLA DRAWN BY MLAG CHECKED BY EMR

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER		6/21/02
PARK DEPARTMENT		
TRAFFIC DIVISION		6/18/02
DEPUTY P.W. DIRECTOR		
STREET SERVICES		

APPROVED BY
DIRECTOR OF PUBLIC WORKS
DATE 6/21/02

STREET IMPROVEMENT PLANS
TRACT NO. 29242
DAUCHY AVENUE
STA. 25+50.00 TO 35+00.00
SCALE HORIZ: 1"=40' VERT: 1"=8'

PROJECT NO. R-3626
SHEET 3 OF 20
FILE NO.

REGISTERED PROFESSIONAL ENGINEER MARTIN L. ANDERSON No. 51313 Exp. 6-30-06 CIVIL STATE OF CALIFORNIA
AS-BUILT 09/22/05

INDEXED 9-4-02 JH

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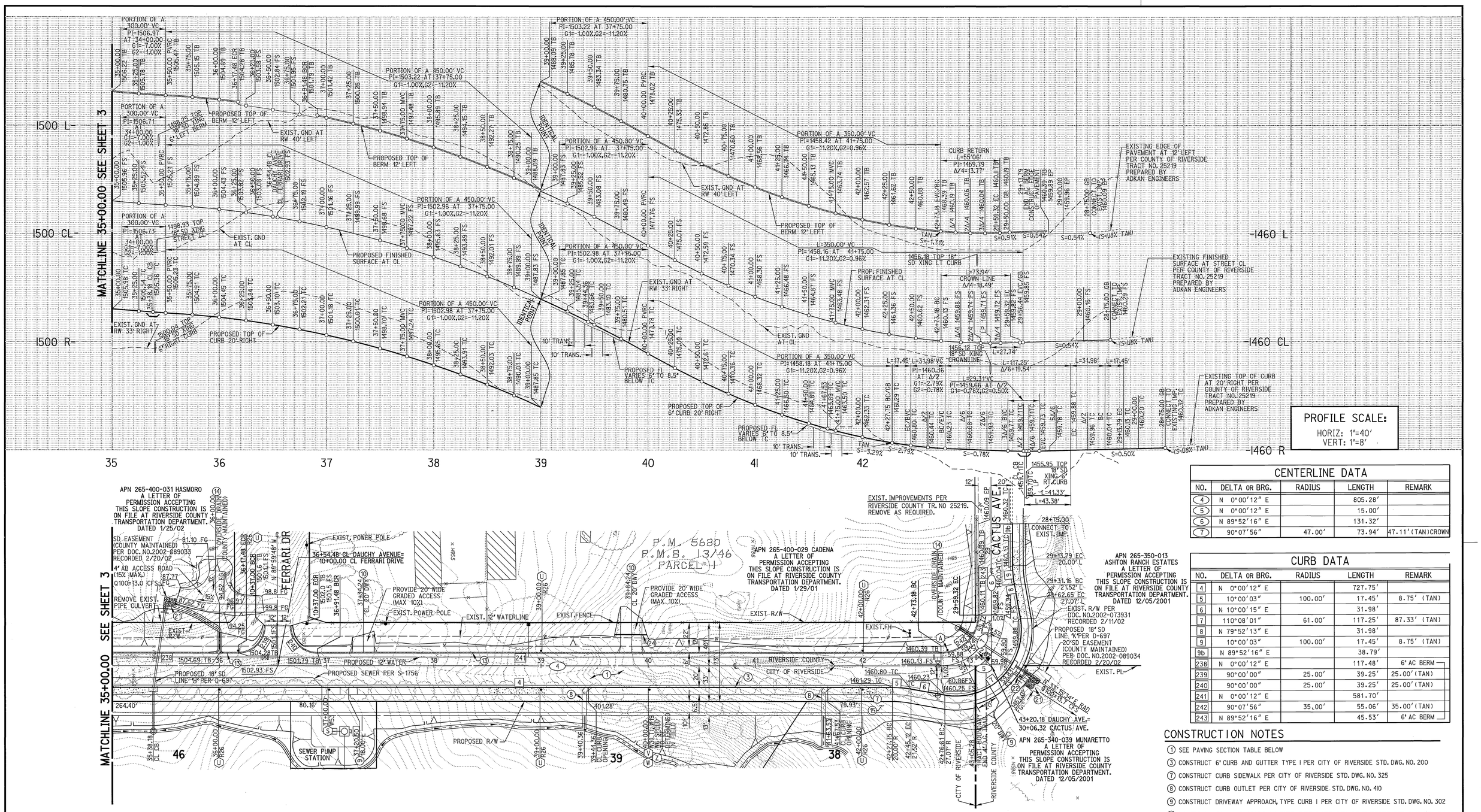
PLOT DATE: 29-MAY-2002 JN 13707A



PER THE CONDITIONS OF APPROVAL, VACATION OF CACTUS AVENUE EAST OF DAUCHY AVENUE HAS RECORDED AS INST. NO. 2002-041273 DATED 1/24/2002

CENTERLINE DATA

NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
4	N 0°00'12" E		805.28'	
5	N 0°00'12" E		15.00'	
6	N 89°52'16" E		131.32'	
7	90°07'56"	47.00'	73.94'	47.11'(TAN)CROWN

CURB DATA

NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
4	N 0°00'12" E		727.75'	
5	10°00'03"	100.00'	17.45'	8.75' (TAN)
6	N 10°00'15" E		31.98'	
7	110°08'01"	61.00'	117.25'	87.33' (TAN)
8	N 79°52'13" E		31.98'	
9	10°00'03"	100.00'	17.45'	8.75' (TAN)
9b	N 89°52'16" E		38.79'	
238	N 0°00'12" E		117.48'	6' AC BERM
239	90°00'00"	25.00'	39.25'	25.00'(TAN)
240	90°00'00"	25.00'	39.25'	25.00'(TAN)
241	N 0°00'12" E		581.70'	
242	90°07'56"	35.00'	55.06'	35.00'(TAN)
243	N 89°52'16" E		45.53'	6' AC BERM

CONSTRUCTION NOTES

1. SEE PAVING SECTION TABLE BELOW
3. CONSTRUCT 6" CURB AND GUTTER TYPE I PER CITY OF RIVERSIDE STD. DWG. NO. 200
7. CONSTRUCT CURB SIDEWALK PER CITY OF RIVERSIDE STD. DWG. NO. 325
8. CONSTRUCT CURB OUTLET PER CITY OF RIVERSIDE STD. DWG. NO. 410
9. CONSTRUCT DRIVEWAY APPROACH, TYPE CURB I PER CITY OF RIVERSIDE STD. DWG. NO. 302
10. CONSTRUCT DRIVEWAY APPROACH, TYPE CURB II PER CITY OF RIVERSIDE STD. DWG. NO. 302
13. CONSTRUCT AC BERM PER CITY OF RIVERSIDE STD. DWG. NO. 250, TYPE I
14. CONSTRUCT AC OVERSIDE DRAIN PER CALTRANS STD. PLAN D87B
15. CONSTRUCT 4" D.G. TRAIL
21. CONSTRUCT OVERSIDE DRAIN SPLASH PAD PER DETAIL ON SHEET 20
22. CONSTRUCT EMERGENCY OVERFLOW LINED DITCH PER DETAIL ON SHEET 20
24. PLACE 18" CSP

DAUCHY AVENUE

PAVING SECTIONS PER S.R.1580 W/POST-CONSTRUCTION CAP

STATION	PAVING SECTION	R-VALUE
STA. 35+00.00 TO 38+00.00	4" AC OVER 11." CAB	24
STA. 38+00.00 TO 43+20.18	4" AC OVER 10.5" CAB	26
STA. 28+75.00 TO 30+06.32 (CACTUS)	4" AC OVER 10.5" CAB	26

SCALE: 1" = 40'

40 0 40 80

MS3823 IP010012

CAUTION: EXACT LOCATION OF EXISTING UNDERGROUND FACILITIES IS UNKNOWN. CONTRACTOR TO VERIFY IN FIELD.

SEAL

REGISTERED PROFESSIONAL ENGINEER — KHALED A. OTMAN — No. 33950 — Exp. 6-30-02 — CIVIL — STATE OF CALIFORNIA

COUNTY OF RIVERSIDE
TRANSPORTATION DEPARTMENT
APPROVAL BY THE COUNTY TRANSPORTATION DEPT. IS FOR THE AREA WITHIN COUNTY ROAD R/W ONLY

COUNTY OF RIVERSIDE — DATE 6/4/02

DIG ALERT
CALL BEFORE YOU DIG!
1-800-227-2600
UNDERGROUND SERVICE ALERT
Call at least 2 working days prior to excavating.

REGISTERED PROFESSIONAL ENGINEER — EDWARD MICHEL RAYCAN — No. 46804 — Exp. 6-30-03 — CIVIL — STATE OF CALIFORNIA

PREPARED UNDER THE DIRECTION OF EDWARD M. RAYCAN 5/23/02
REGISTERED CIVIL ENGINEER NO. 46804
EXPIRATION DATE 6-30-03

RICK ENGINEERING COMPANY
San Diego Riverside Orange Phoenix Tucson
1223 University Ave., Ste. 240 • Riverside, CA 92507-2418 • (909)782-0707 • FAX (909)782-0723 • www.rickeng.com
CITY BUSINESS TAX CERTIFICATE NO. 35225 EXP. DATE 7/20/02

BENCH MARK
CITY OF RIVERSIDE BENCHMARK E8-A2, ELEVATION=1588.453' P.K. NAIL AND TAG IN TOP OF 35X50X20 FOOT GRANITE BOULDER, 100 FEET WESTERLY OF TRAUTWEIN ROAD AND 500 FEET NORTHERLY OF JESSE LANE.

MARK	REVISIONS	APPR	DATE
1	REVISED PAVE SECTION DATA PER S.R.1580		

DESIGNED BY MLA DRAWN BY MLAG CHECKED BY EMR

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

	BY	DATE
APPROVED BY		
PRINCIPAL ENGINEER		
PARK DEPARTMENT		
TRAFFIC DIVISION		
DEPUTY P.W. DIRECTOR		
STREET SERVICES		

APPROVED BY — DIRECTOR OF PUBLIC WORKS — DATE 6/11/02

STREET IMPROVEMENT PLANS
TRACT NO. 29242
DAUCHY AVENUE
STA. 35+00.00 TO 43+20.18
CACTUS AVENUE
STA. 28+75.00 TO 30+06.32

PROJECT NO. R-3626
SHEET 4 OF 20
SCALE — HORIZ: 1"=40' VERT: 1"=8'
FILE NO.

AS-BUILT 08/22/05

INDEXED 9-4-02 LH

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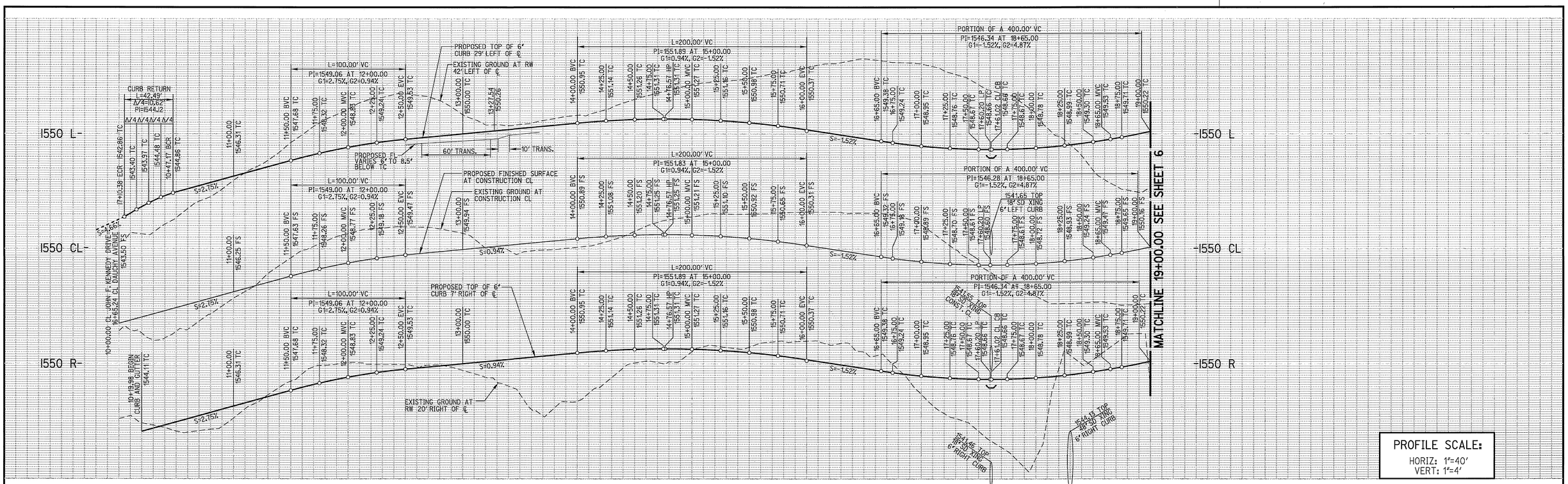
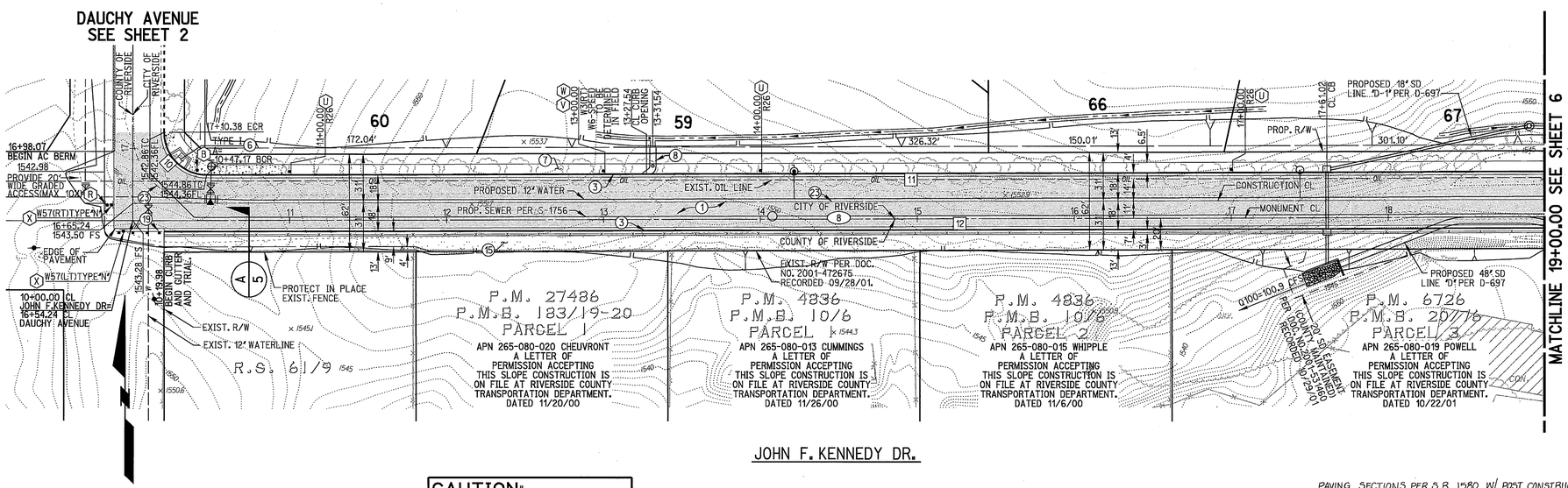
G:\d_13707\707lmp4.dgn PLOT DATE: 29-MAY-2002 JN 13707A





SCALE: 1" = 40'
40 0 40 80

MS3823 IP010012

CAUTION:
EXACT LOCATION OF EXISTING UNDERGROUND FACILITIES IS UNKNOWN. CONTRACTOR TO VERIFY IN FIELD.

DIG ALERT
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UNDERGROUND SERVICE ALERT
Call at least 2 working days prior to excavating.

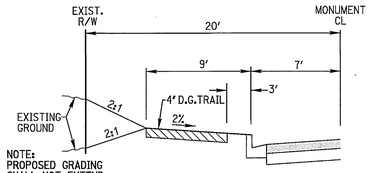
PROFILE SCALE:
HORIZ: 1"=40'
VERT: 1"=4'

CENTERLINE DATA				
NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
8	N 89°49'45" E		900.00'	

CURB DATA				
NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
10	90°10'27"	27.00'	42.49'	27.00' (TAN)
11	N 89°49'45" E		852.83'	
12	N 89°49'45" E		880.02'	

CONSTRUCTION NOTES

1. PLACE * AC PAVEMENT OVER * CRUSHED AGGREGATE BASE, R= * PER S.R. *SEE CHART AT LEFT
3. CONSTRUCT 6" CURB AND GUTTER TYPE I PER CITY OF RIVERSIDE STD. DWG. NO. 200
6. CONSTRUCT WHEELCHAIR RAMP PER CITY OF RIVERSIDE STD. DWG. NO. 304, TYPE PER PLAN
7. CONSTRUCT CURB SIDEWALK PER CITY OF RIVERSIDE STD. DWG. NO. 325
8. CONSTRUCT CURB OUTLET PER CITY OF RIVERSIDE STD. DWG. NO. 410
15. CONSTRUCT 4" D.G. TRAIL
19. INSTALL BARRICADE PER CITY OF RIVERSIDE STD. DWG. NO.180
23. APPLY 4" YELLOW CENTERLINE PER CALTRANS STD. PLAN A20A (DETAIL I)



MODIFIED TRAIL (A/5)
NTS

PAVING SECTIONS PER S.R. 1580 W/ POST CONSTRUCTION CAP		
STATION	PAVING SECTION	R-VALUE
STA 10+00 TO 16+00	4.5"AC OVER 9.5" CAB	25
STA 16+00 TO 21+00	4"AC OVER 9.5" CAB	65

REGISTERED PROFESSIONAL ENGINEER MARTEN L. ANDERSON No. 51313 Exp. 6-30-08 CIVIL STATE OF CALIFORNIA

AS-BUILT 08/22/05

SEAL
REGISTERED PROFESSIONAL ENGINEER RONALD A. OTMAN No. 33950 Exp. 6-30-02 CIVIL STATE OF CALIFORNIA

COUNTY OF RIVERSIDE
TRANSPORTATION DEPARTMENT
APPROVAL BY THE COUNTY TRANSPORTATION DEPT. IS FOR THE AREA WITHIN COUNTY ROAD R/W ONLY
COUNTY OF RIVERSIDE — DATE 6/14/02

REGISTERED PROFESSIONAL ENGINEER EDWARD MICHEL RATICAN No. 46804 Exp. 6-30-03 CIVIL STATE OF CALIFORNIA

PREPARED UNDER THE DIRECTION OF EDWARD M. RATICAN 12/11/01
REGISTERED CIVIL ENGINEER NO. 46804
EXPIRATION DATE 6-30-03

RICK ENGINEERING COMPANY
San Diego Riverside Orange Phoenix Tucson
1223 University Ave., Ste. 240 • Riverside, CA 92507-3418 • (909)782-0707 • FAX (909)782-0723 • www.rickeng.com
CITY BUSINESS TAX CERTIFICATE NO. 35225 EXP. DATE 7/20/02

BENCH MARK
CITY OF RIVERSIDE BENCHMARK E8-A2, ELEVATION=1588.453' P.K. NAIL AND TAG IN TOP OF 35X50X20 FOOT GRANITE BOULDER, 100 FEET WESTERLY OF TRAUTWEIN ROAD AND 500 FEET NORTHERLY OF JESSE LANE.

MARK	REVISIONS	APPR	DATE
1	ADDED PAVE SECTION DATA PER S.R. 1580	KVZ	4/4/02

DESIGNED BY MLA DRAWN BY MLAG CHECKED BY EMR

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

	BY	DATE
APPROVED BY		
PRINCIPAL ENGINEER		6/14/02
PARK DEPARTMENT		6/14/02
TRAFFIC DIVISION		6/14/02
DEPUTY P.W. DIRECTOR		6/14/02
STREET SERVICES		6/14/02

APPROVED BY DIRECTOR OF PUBLIC WORKS
DATE 6/21/02

STREET IMPROVEMENT PLANS
TRACT NO. 29242
JOHN F. KENNEDY DRIVE
STA. 10+00.00 TO 19+00.00

PROJECT NO. R-3626
SHEET 5 OF 20
SCALE HORIZ: 1"=40' VERT: 1"=4'
FILE NO.

INDEXED 9-4-02 LH

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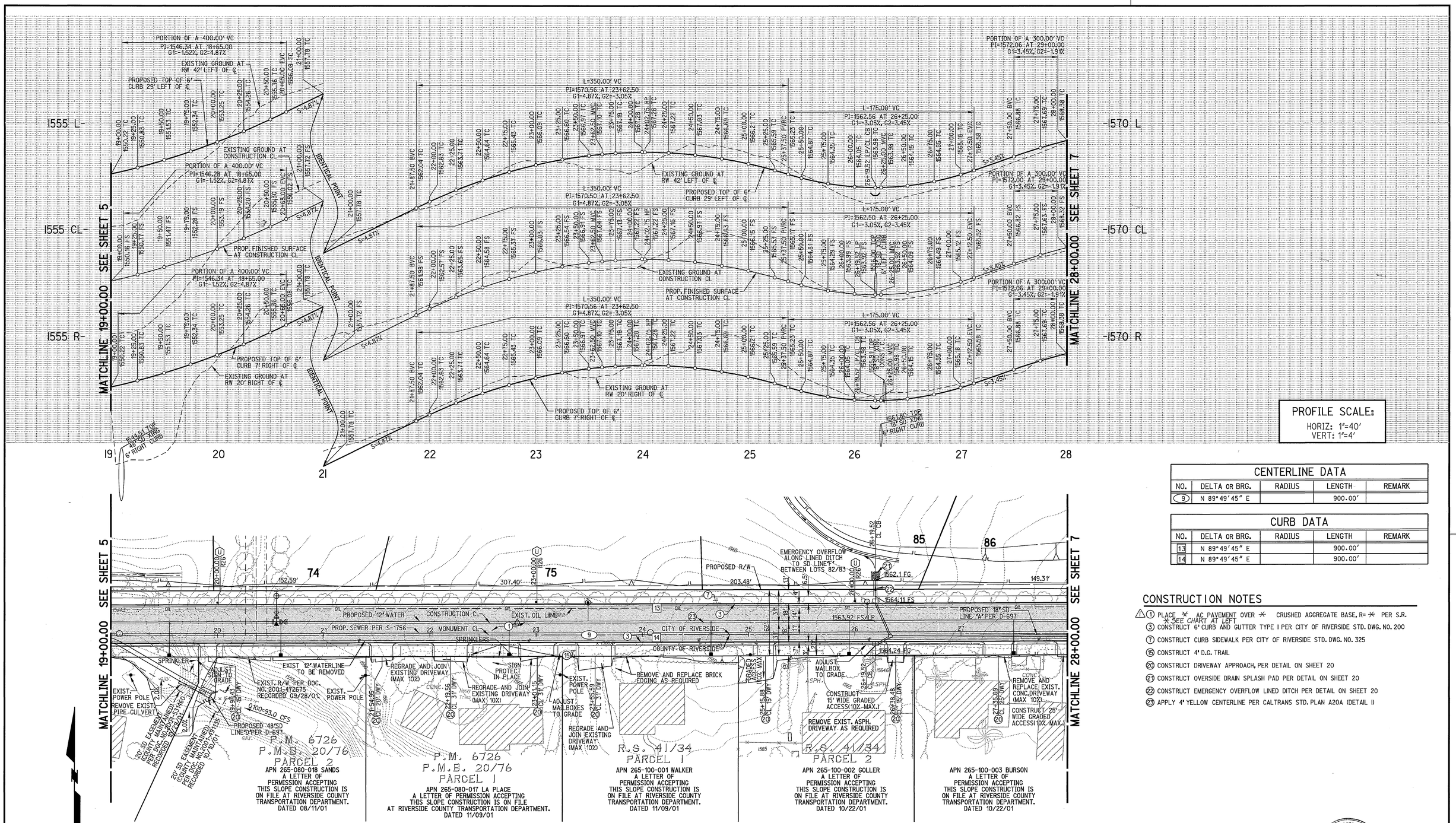
G:\d_13707\707lmp5.dgn PLOT DATE: 11-DEC-2001 JN 13707A



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

CENTERLINE DATA

NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
9	N 89°49'45" E		900.00'	

CURB DATA

NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
13	N 89°49'45" E		900.00'	
14	N 89°49'45" E		900.00'	

CONSTRUCTION NOTES

1. PLACE ✳ AC PAVEMENT OVER ✳ CRUSHED AGGREGATE BASE, R= ✳ PER S.R. ✳ SEE CHART AT LEFT
3. CONSTRUCT 6" CURB AND GUTTER TYPE I PER CITY OF RIVERSIDE STD. DWG. NO. 200
7. CONSTRUCT CURB SIDEWALK PER CITY OF RIVERSIDE STD. DWG. NO. 325
15. CONSTRUCT 4' D.G. TRAIL
20. CONSTRUCT DRIVEWAY APPROACH, PER DETAIL ON SHEET 20
21. CONSTRUCT OVERSIDE DRAIN SPLASH PAD PER DETAIL ON SHEET 20
22. CONSTRUCT EMERGENCY OVERFLOW LINED DITCH PER DETAIL ON SHEET 20
23. APPLY 4" YELLOW CENTERLINE PER CALTRANS STD. PLAN A20A (DETAIL I)

NOTE:
RELOCATE SPRINKLER PIPING OUTSIDE RIGHT OF WAY AS REQUIRED. ADJUST HEADS TO GRADE.

JOHN F. KENNEDY DR.

PAVING SECTIONS PER S.R. 1580 W/ POST-CONSTRUCTION CAP

STATION	PAVING SECTION	R-VALUE
STA 16+00 TO 21+00	4"AC OVER 9.5" CAB	65
STA 21+00 TO 26+00	4"AC OVER 9.5" CAB	29
STA 26+00 TO 32+00	4"AC OVER 8" CAB	41

SCALE: 1" = 40'
40 0 40 80

MS3823 IP010012

CAUTION:
EXACT LOCATION OF EXISTING UNDERGROUND FACILITIES IS UNKNOWN. CONTRACTOR TO VERIFY IN FIELD.

SEAL
REGISTERED PROFESSIONAL ENGINEER KHALED A. OTHMAN No. 33950 Exp. 6-30-02 CIVIL STATE OF CALIFORNIA

COUNTY OF RIVERSIDE
TRANSPORTATION DEPARTMENT
APPROVAL BY THE COUNTY TRANSPORTATION DEPT. IS FOR THE AREA WITHIN COUNTY ROAD R/W ONLY
COUNTY OF RIVERSIDE — DATE 6/14/02

DIG ALERT
CALL BEFORE YOU DIG!
1-800-227-2600
UNDERGROUND SERVICE ALERT
Call at least 2 working days prior to excavating.

REGISTERED PROFESSIONAL ENGINEER EDWARD MICHEL RAYCAN No. 46804 Exp. 6-30-03 CIVIL STATE OF CALIFORNIA

PREPARED UNDER THE DIRECTION OF
EDWARD M. RAYCAN 12/11/01
REGISTERED CIVIL ENGINEER NO. 46804
EXPIRATION DATE 6-30-03

RICK ENGINEERING COMPANY
San Diego Riverside Orange Phoenix Tucson
1223 University Ave., Ste. 240 • Riverside, CA 92507-3418 • (909)782-0707 • FAX (909)782-0723 • www.rickeng.com
CITY BUSINESS TAX CERTIFICATE NO. 35225 EXP. DATE 7/20/02

BENCH MARK
CITY OF RIVERSIDE BENCHMARK E8-A2, ELEVATION=1588.453' P.K. NAIL AND TAG IN TOP OF 35X50X20 FOOT GRANITE BOULDER, 100 FEET WESTERLY OF TRAUTWEIN ROAD AND 500 FEET NORTHERLY OF JESSE LANE.

MARK	REVISIONS	APPR	DATE
1	ADDED PAVE SECTION DATA PER S.R. 1580	RVZ	4/16/02

DESIGNED BY MLA DRAWN BY MLAG CHECKED BY EMR

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER		6/21/02
PARK DEPARTMENT		6/21/02
TRAFFIC DIVISION		6/21/02
DEPUTY P.W. DIRECTOR		
STREET SERVICES		6/21/02

APPROVED BY
DIRECTOR OF PUBLIC WORKS
DATE 6/21/02

REGISTERED PROFESSIONAL ENGINEER MARTEN L. ANDERSON No. 51313 Exp. 6-30-05 CIVIL STATE OF CALIFORNIA
AS-BUILT 08/27/05

STREET IMPROVEMENT PLANS
TRACT NO. 29242
JOHN F. KENNEDY DRIVE
STA. 19+00.00 TO 28+00.00

PROJECT NO. R-3626
SHEET 6 OF 20
SCALE HORIZ: 1"=40' VERT: 1"=4'
FILE NO.

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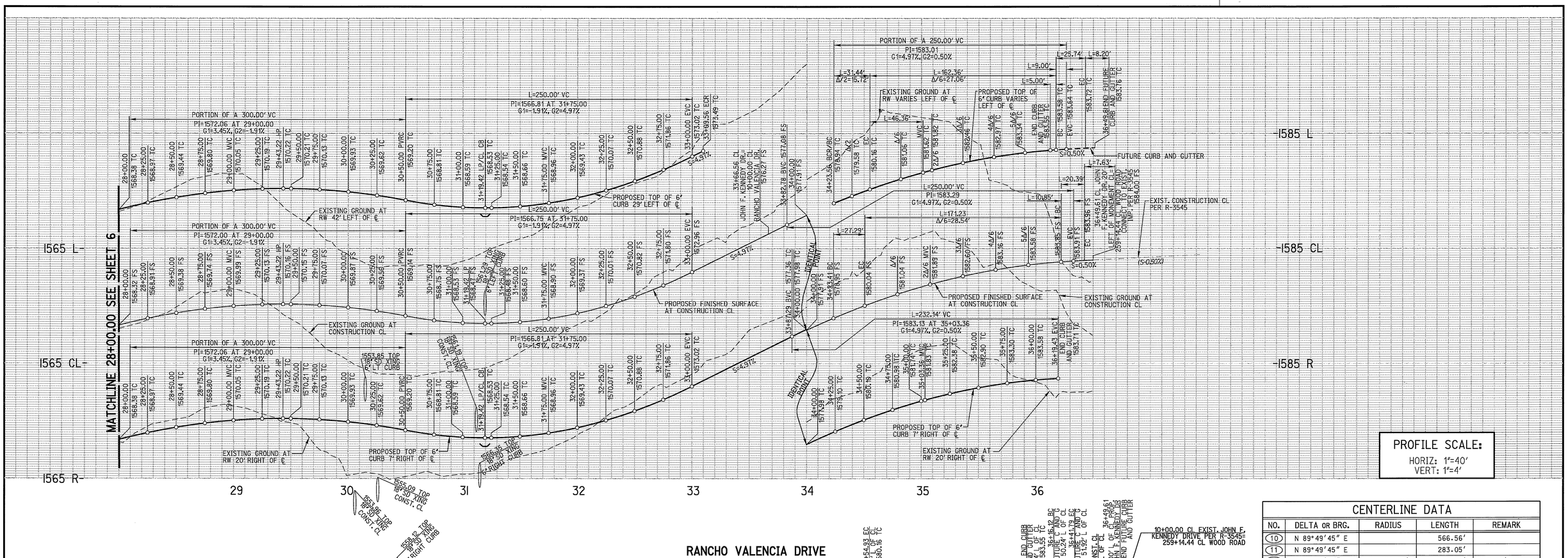
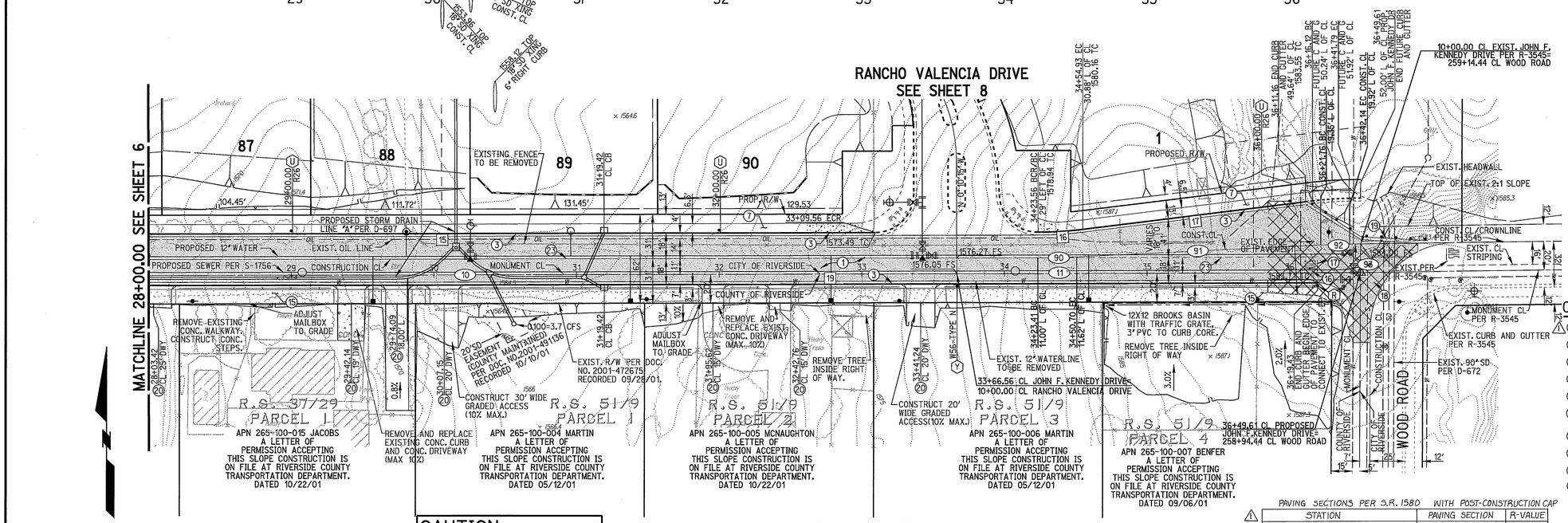
INDEXED 9-18-02
PLOT DATE: 11-DEC-2001 JN 13707A



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



SCALE: 1" = 40'
40 0 40 80

MS3823 IP010012

CENTERLINE DATA

NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
10	N 89°49'45" E		566.56'	
11	N 89°49'45" E		283.05'	
90	2°36'23"	600.00'	27.29'	13.65' (TAN)
91	N 87°14'32" E		171.23'	
92	1°56'50"	600.00'	20.39'	10.20' (TAN)
93	N 89°12'05" E		7.63'	

CURB DATA

NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
15	N 89°49'45" E		509.56'	
16	6°50'58"	263.00'	31.44'	15.74' (TAN)
17	N 82°58'47" E		157.36'	
19	N 89°49'45" E		819.43'	

CONSTRUCTION NOTES

1. PLACE * AC PAVEMENT OVER * CRUSHED AGGREGATE BASE, R= * PER S.R. * SEE CHART AT LEFT
3. CONSTRUCT 6" CURB AND GUTTER TYPE I PER CITY OF RIVERSIDE STD. DWG. NO. 200
7. CONSTRUCT CURB SIDEWALK PER CITY OF RIVERSIDE STD. DWG. NO. 325
15. CONSTRUCT 4' D.G. TRAIL
16. APPLY "STOP" PAVEMENT MARKINGS PER CALTRANS STD. PLAN A24D
17. APPLY 12" SOLID WHITE CROSSWALK/LIMIT LINES PER CALTRANS STD. PLAN A24E AND CITY OF RIVERSIDE STD. DWG. NO.120
18. REMOVE EXISTING AC PAVEMENT
19. INSTALL BARRICADE PER CITY OF RIVERSIDE STD. DWG. NO.180
20. CONSTRUCT DRIVEWAY APPROACH, PER DETAIL ON SHEET 20
23. APPLY 4" YELLOW CENTERLINE PER CALTRANS STD. PLAN A20A (DETAIL I)

PAVING SECTIONS PER S.R. 1580 WITH POST-CONSTRUCTION CAP

	STATION	PAVING SECTION	R-VALUE
	STA 26+00 TO 32+00	4" AC OVER 8" CAB	41
2	STA 32+00 TO 35+70.00	4" AC OVER 8" CAB	39
	STA 35+70 TO 36+25	4" AC OVER 9.5" CAB	30
	STA 36+25 TO 36+49.61 (NEW)	5" AC OVER 7" CAB	33
	STA 36+25 TO 36+49.61 (OVERLAY)	2"	33

REGISTERED PROFESSIONAL ENGINEER MARVIN L. ANDERSON No. 51313 Exp. 6-30-05 CIVIL STATE OF CALIFORNIA

AS-BUILT 08/22/05

CAUTION: EXACT LOCATION OF EXISTING UNDERGROUND FACILITIES IS UNKNOWN. CONTRACTOR TO VERIFY IN FIELD.

SEAL — REGISTERED PROFESSIONAL ENGINEER HALED A. OTHMAN No. 33950 Exp. 6-30-02 CIVIL STATE OF CALIFORNIA

COUNTY OF RIVERSIDE
TRANSPORTATION DEPARTMENT
APPROVAL BY THE COUNTY TRANSPORTATION DEPT. IS FOR THE AREA WITHIN COUNTY ROAD R/W ONLY

COUNTY OF RIVERSIDE — DATE 6/4/02

DIG ALERT CALL BEFORE YOU DIG!
1-800-227-2600
UNDERGROUND SERVICE ALERT
Call at least 2 working days prior to excavating.

REGISTERED PROFESSIONAL ENGINEER EDWARD MICHEL RATICAN No. 46804 Exp. 6-30-03 CIVIL STATE OF CALIFORNIA

PREPARED UNDER THE DIRECTION OF — 12/4/01
EDWARD M. RATICAN
REGISTERED CIVIL ENGINEER NO. 46804
EXPIRATION DATE 6-30-03

RICK ENGINEERING COMPANY
San Diego Riverside Orange Phoenix Tucson
1223 University Ave., Ste. 240 • Riverside, CA 92507-3418 • (909)782-0707 • FAX (909)782-0723 • www.rickeng.com
CITY BUSINESS TAX CERTIFICATE NO. 35225 EXP. DATE 7/20/02

BENCH MARK
CITY OF RIVERSIDE BENCHMARK E8-A2, ELEVATION=1588.453' P.K. NAIL AND TAG IN TOP OF 35X50X20 FOOT GRANITE BOULDER, 100 FEET WESTERLY OF TRAUTWEIN ROAD AND 500 FEET NORTHERLY OF JESSE LANE.

MARK	REVISIONS	APPR.	DATE
1	ADDED PAVE SECTION PER S.R. 1580	RVZ.	4/8/02
2	REVISED AND ADDED PAVE SECTION DATA PER S.R. 1580		

DESIGNED BY MLA DRAWN BY MLAG CHECKED BY EMR

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER		6/21/02
PARK DEPARTMENT		6/21/02
TRAFFIC DIVISION		6/21/02
DEPUTY P.W. DIRECTOR		
STREET SERVICES		

APPROVED BY — DIRECTOR OF PUBLIC WORKS — DATE 6/21/02

STREET IMPROVEMENT PLANS
TRACT NO. 29242
JOHN F. KENNEDY DRIVE
STA. 28+00.00 TO 36+50.99

PROJECT NO. R-3626
SHEET 7 OF 20
SCALE HORIZ: 1"=40' VERT: 1"=4'
FILE NO.

INDEXED 9-4-02

PLOT DATE: 11-DEC-2001 JN 13707A

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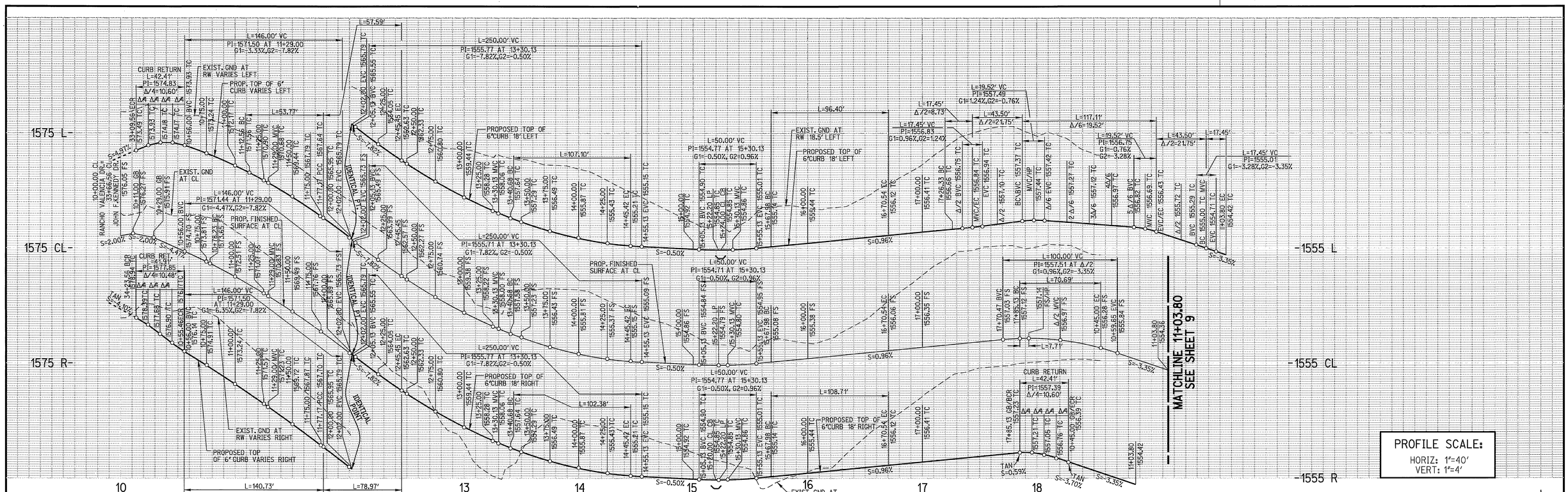


CONSTRUCTION NOTES

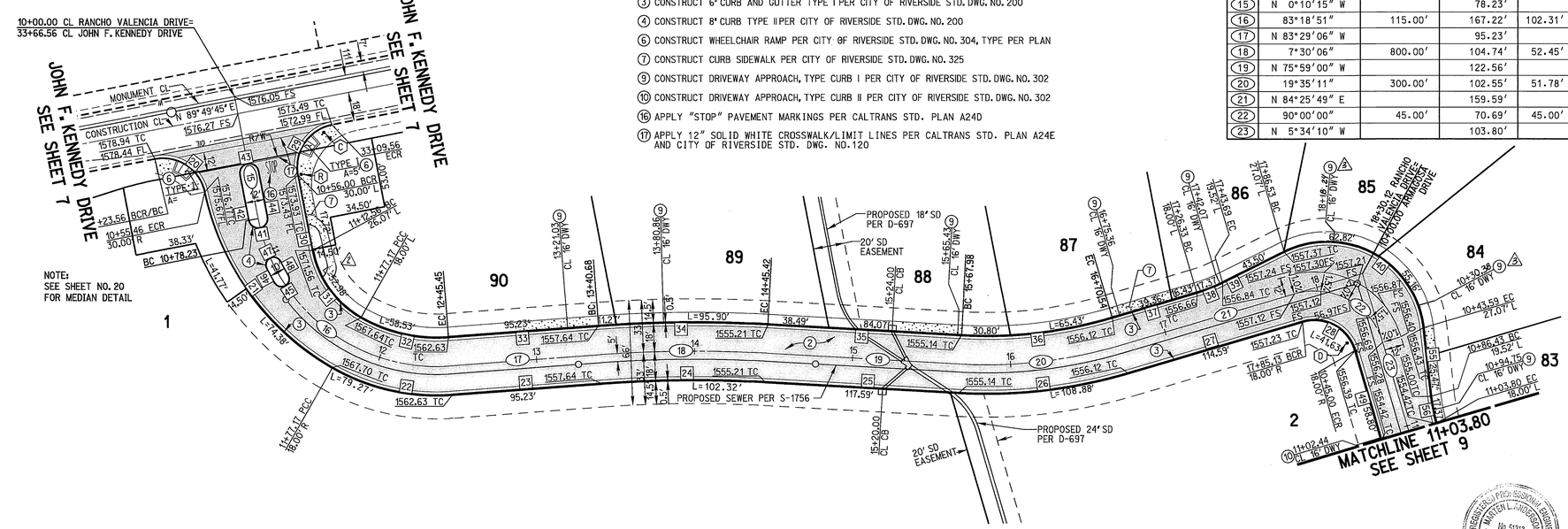
1. ② PLACE 4" AC PAVEMENT OVER 4" CRUSHED AGGREGATE BASE, R= 65 PER S.R. 1580 WITH POST CONSTRUCTION CAP
3. CONSTRUCT 6" CURB AND GUTTER TYPE I PER CITY OF RIVERSIDE STD. DWG. NO. 200
4. CONSTRUCT 8" CURB TYPE II PER CITY OF RIVERSIDE STD. DWG. NO. 200
6. CONSTRUCT WHEELCHAIR RAMP PER CITY OF RIVERSIDE STD. DWG. NO. 304, TYPE PER PLAN
7. CONSTRUCT CURB SIDEWALK PER CITY OF RIVERSIDE STD. DWG. NO. 325
9. CONSTRUCT DRIVEWAY APPROACH, TYPE CURB I PER CITY OF RIVERSIDE STD. DWG. NO. 302
10. CONSTRUCT DRIVEWAY APPROACH, TYPE CURB II PER CITY OF RIVERSIDE STD. DWG. NO. 302
16. APPLY "STOP" PAVEMENT MARKINGS PER CALTRANS STD. PLAN A24D
17. APPLY 12" SOLID WHITE CROSSWALK/LIMIT LINES PER CALTRANS STD. PLAN A24E AND CITY OF RIVERSIDE STD. DWG. NO.120

CENTERLINE DATA

NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
15	N 0°10'15" W		78.23'	
16	83°18'51"	115.00'	167.22'	102.31' (TAN)
17	N 83°29'06" W		95.23'	
18	7°30'06"	800.00'	104.74'	52.45' (TAN)
19	N 75°59'00" W		122.56'	
20	19°35'11"	300.00'	102.55'	51.78' (TAN)
21	N 84°25'49" E		159.59'	
22	90°00'00"	45.00'	70.69'	45.00' (TAN)
23	N 5°34'10" W		103.80'	

CURB DATA

	DELTA OR BRG.	RADIUS	LENGTH	REMARK
20	88°55'40"	27.00'	41.91'	26.50' (TAN)
21	48°08'17"	167.50'	140.73'	74.82' (TAN)
22	34°01'12"	133.00'	78.97'	40.69' (TAN)
23	N 83°29'06" W		95.23'	
24	7°30'06"	782.00'	102.38'	51.27' (TAN)
25	N 75°59'00" W		122.56'	
26	19°35'11"	318.00'	108.71'	54.89' (TAN)
27	N 84°25'49" E		114.59'	
28	90°00'00"	27.00'	42.41'	27.00' (TAN)
29	90°00'00"	27.00'	42.41'	27.00' (TAN)
30	N 0°10'15" W		48.38'	
31	49°17'39"	62.50'	53.77'	28.68' (TAN)
32	34°01'12"	97.00'	57.59'	29.67' (TAN)
33	N 83°29'06" W		95.23'	
34	7°30'06"	818.00'	107.10'	53.63' (TAN)
35	N 75°59'00" W		122.56'	
36	19°35'11"	282.00'	96.40'	48.68' (TAN)
37	N 84°25'49" E		55.79'	
38	10°00'01"	100.00'	17.45'	8.75' (TAN)
39	N 74°25'48" E		43.50'	
40	110°00'03"	61.00'	117.11'	87.12' (TAN)
41	179°55'52"	6.00'	18.84'	
42	N 0°10'15" W		29.23'	
43	180°00'00"	6.00'	18.85'	
44	N 0°10'15" W		29.23'	
45	180°00'00"	5.00'	15.71'	
46	4°58'56"	120.00'	10.43'	5.22' (TAN)
47	180°00'00"	5.00'	15.71'	
48	4°58'56"	110.00'	9.57'	4.79' (TAN)
49	N 5°34'10" W		58.80'	
55	N 4°25'51" E		43.50'	
56	10°00'01"	100.00'	17.45'	8.75' (TAN)



RANCHO VALENCIA DRIVE

REGISTERED PROFESSIONAL ENGINEER MARTIN L. ANDERSON No. 51313 Exp. 6-30-06 CIVIL STATE OF CALIFORNIA

AS-BUILT 08/22/05

SCALE: 1" = 40'

40 0 40 80

CAUTION: EXACT LOCATION OF EXISTING UNDERGROUND FACILITIES IS UNKNOWN. CONTRACTOR TO VERIFY IN FIELD.

DIG ALERT CALL BEFORE YOU DIG! 1-800-227-2600 UNDERGROUND SERVICE ALERT Call at least 2 working days prior to excavating.

REGISTERED PROFESSIONAL ENGINEER EDWARD MICHEL RAYCAN No. 46804 Exp. 6-30-03 CIVIL STATE OF CALIFORNIA

PREPARED UNDER THE DIRECTION OF EDWARD M. RAYCAN 9/11/01
REGISTERED CIVIL ENGINEER NO. 46804
EXPIRATION DATE 6-30-03

RICK ENGINEERING COMPANY
San Diego Riverside Orange Phoenix Tucson
1223 University Ave., Ste. 240 • Riverside, CA 92507-3418 • (909)782-0707 • FAX (909)782-0723 • www.rickeng.com
CITY BUSINESS TAX CERTIFICATE NO. 35225 EXP. DATE 7/20/02

BENCH MARK
CITY OF RIVERSIDE BENCHMARK E8-A2, ELEVATION=1588.453' P.K. NAIL AND TAG IN TOP OF 35X50X20 FOOT GRANITE BOULDER, 100 FEET WESTERLY OF TRAUTWEIN ROAD AND 500 FEET NORTHERLY OF JESSE LANE.

MARK	REVISIONS	APPR	DATE
1	ADDED PAVED SECTION DATA PER S.R.1580		9/14/01
2	REVISED SIDEWALK		
3	REVISED DRIVEWAY STATIONS FOR LOTS 84 AND 85		

DESIGNED BY MLA DRAWN BY MLAG CHECKED BY EMR

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER		9/14/01
PARK DEPARTMENT		2/16/01
TRAFFIC DIVISION		9/17/01
DEPUTY P.W. DIRECTOR		
STREET SERVICES		10/11/01

APPROVED BY
DIRECTOR OF PUBLIC WORKS
DATE 10/2/01

STREET IMPROVEMENT PLANS
TRACT NO. 29242
RANCHO VALENCIA DRIVE
STA. 10+00.00 TO 18+30.12
ARMAGOSA DRIVE
STA. 10+00.00 TO 11+03.80
SCALE HORIZ: 1"=40' VERT: 1"=4'

PROJECT NO. R-3626
SHEET 8 OF 20
FILE NO.

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INDEXED 9-4-02 GH

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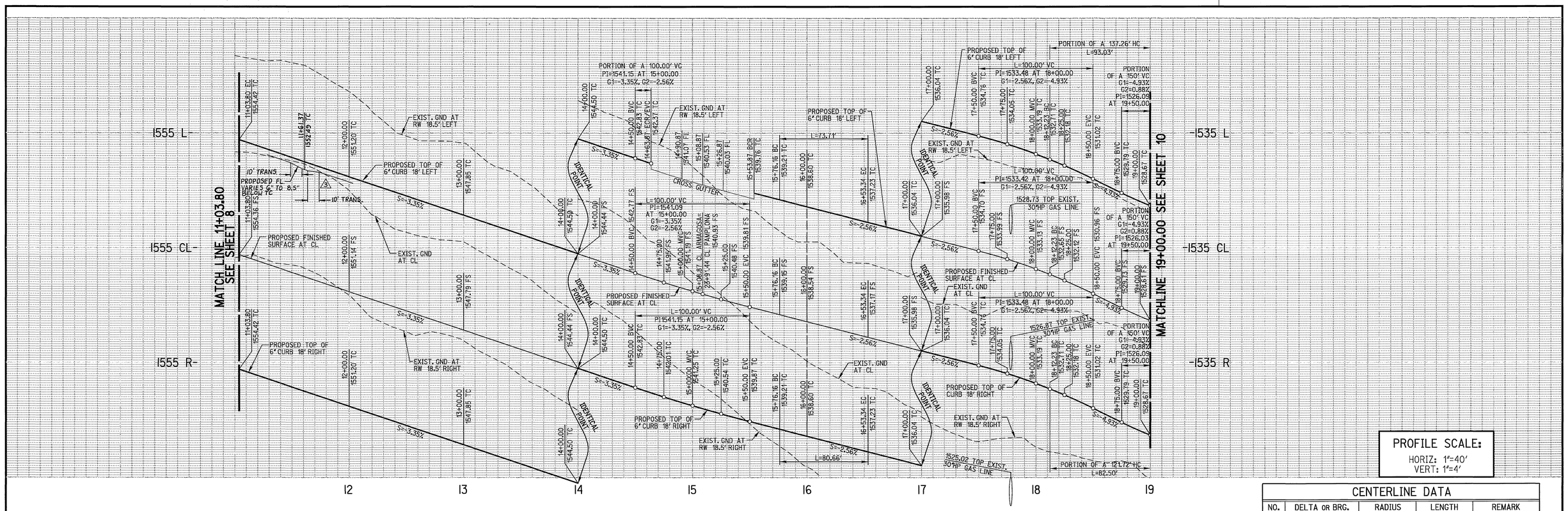
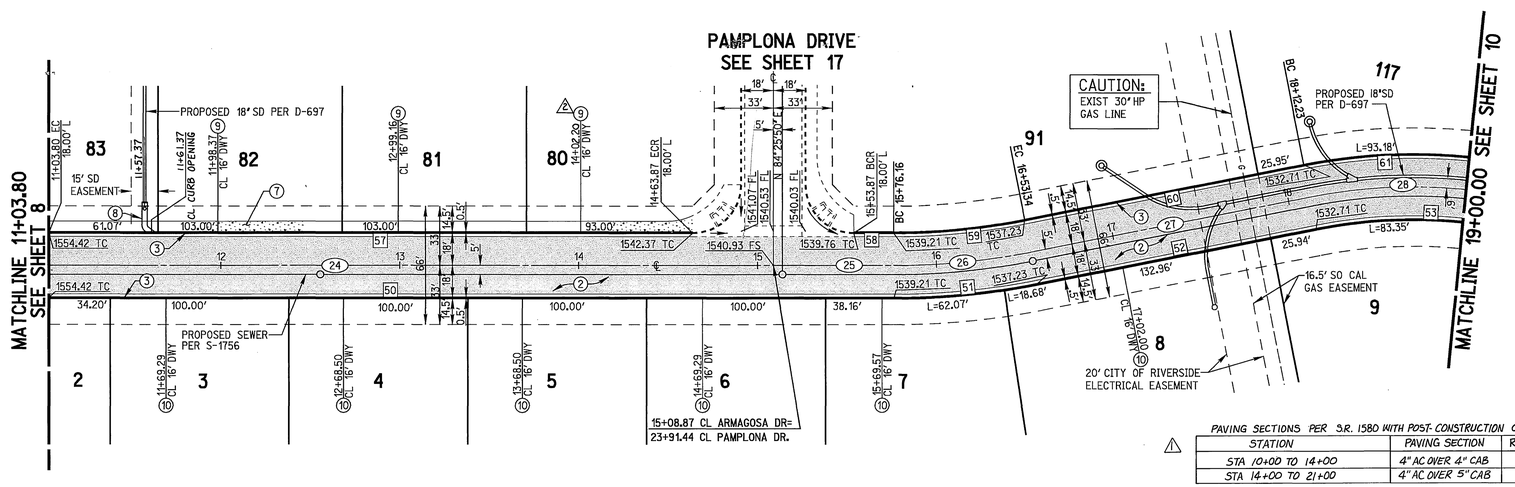


PROFILE SCALE:
HORIZ: 1"=40'
VERT: 1"=4'



CENTERLINE DATA				
NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
24	N 5°34'10" W		405.07'	
25	N 5°34'10" W		67.29'	
26	11°03'20"	400.00'	77.18'	38.71' (TAN)
27	N 16°37'30" W		158.89'	
28	16°45'44"	300.00'	87.77'	44.20' (TAN)

CURB DATA				
NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
50	N 5°34'10" W		472.36'	
51	11°03'20"	418.00'	80.66'	40.45' (TAN)
52	N 16°37'30" W		158.89'	
53	16°45'44"	282.00'	82.50'	41.55' (TAN)
57	N 5°34'10" W		360.07'	
58	N 5°34'10" W		22.29'	
59	11°03'20"	382.00'	73.71'	36.97' (TAN)
60	N 16°37'30" W		158.89'	
61	16°45'44"	318.00'	93.03'	46.85' (TAN)

PAVING SECTIONS PER S.R. 1580 WITH POST-CONSTRUCTION CAP

STATION	PAVING SECTION	R-VALUE
STA 10+00 TO 14+00	4" AC OVER 4" CAB	67
STA 14+00 TO 21+00	4" AC OVER 5" CAB	19

CONSTRUCTION NOTES

(2) PLACE * PAVEMENT OVER * CRUSHED AGGREGATE BASE, R= * PER S.R. 1580
* SEE CHART AT LEFT
(3) CONSTRUCT 6' CURB AND GUTTER TYPE I PER CITY OF RIVERSIDE STD. DWG. NO 200.
(7) CONSTRUCT CURB SIDEWALK PER CITY OF RIVERSIDE STD. DWG. NO. 325
(8) CONSTRUCT CURB OUTLET PER CITY OF RIVERSIDE STD. DWG. NO. 410
(9) CONSTRUCT DRIVEWAY APPROACH, TYPE CURB I PER CITY OF RIVERSIDE STD. DWG. NO. 302
(10) CONSTRUCT DRIVEWAY APPROACH, TYPE CURB II PER CITY OF RIVERSIDE STD. DWG. NO. 302

REGISTERED PROFESSIONAL ENGINEER MARTEN L. ANDERSSON No. 51313 Exp. 6-30-06 CIVIL STATE OF CALIFORNIA
AS-BUILT 08/22/05

SCALE: 1" = 40'
40 0 40 80

CAUTION:
EXACT LOCATION OF EXISTING UNDERGROUND FACILITIES IS UNKNOWN. CONTRACTOR TO VERIFY IN FIELD.

DIG ALERT
CALL BEFORE YOU DIG!
1-800-227-2600
UNDERGROUND SERVICE ALERT
Call at least 2 working days prior to excavating.

REGISTERED PROFESSIONAL ENGINEER EDWARD MICHEL RATICAN No. 46804 Exp. 6-30-03 CIVIL STATE OF CALIFORNIA

PREPARED UNDER THE DIRECTION OF
EDWARD M. RATICAN 9/4/02
REGISTERED CIVIL ENGINEER NO. 46804
EXPIRATION DATE 6-30-03

RICK ENGINEERING COMPANY
San Diego Riverside Orange Phoenix Tucson
1223 University Ave., Ste. 240 • Riverside, CA 92507-2418 • (909)782-0707 • FAX (909)782-0723 • www.rickeng.com
CITY BUSINESS TAX CERTIFICATE NO. 35225 EXP. DATE 7/20/02

BENCH MARK
CITY OF RIVERSIDE BENCHMARK E8-A2, ELEVATION=1588.453' P.K. NAIL AND TAG IN TOP OF 35X50X20 FOOT GRANITE BOULDER, 100 FEET WESTERLY OF TRAUTWEIN ROAD AND 500 FEET NORTHERLY OF JESSE LANE.

MARK	REVISIONS	APPR	DATE
1	ADDED PAVE SECTION DATA PER SR 1580		
2	REVISED DRIVEWAY STATION FOR LOT 80		
3	REVISED PROFILE TO SHOW FLOWLINE TRANSITION AT CURB OUTLET		

DESIGNED BY MLA DRAWN BY MLAG CHECKED BY EMR

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER		9/4/02
PARK DEPARTMENT		9/16/02
TRAFFIC DIVISION		9/13/02
DEPUTY P.W. DIRECTOR		9/13/02
STREET SERVICES		9/16/02

APPROVED BY
DIRECTOR OF PUBLIC WORKS
DATE 10/2/01

STREET IMPROVEMENT PLANS
TRACT NO. 29242
ARMAGOSA DRIVE
STA. 11+03.80 TO 19+00.00
SCALE HORIZ: 1"=40' VERT: 1"=4'
PROJECT NO. R-3626
SHEET 9 OF 20
FILE NO.

INDEXED 9-4-02

PLOT DATE: 11-SEP-2001 JN 13707A

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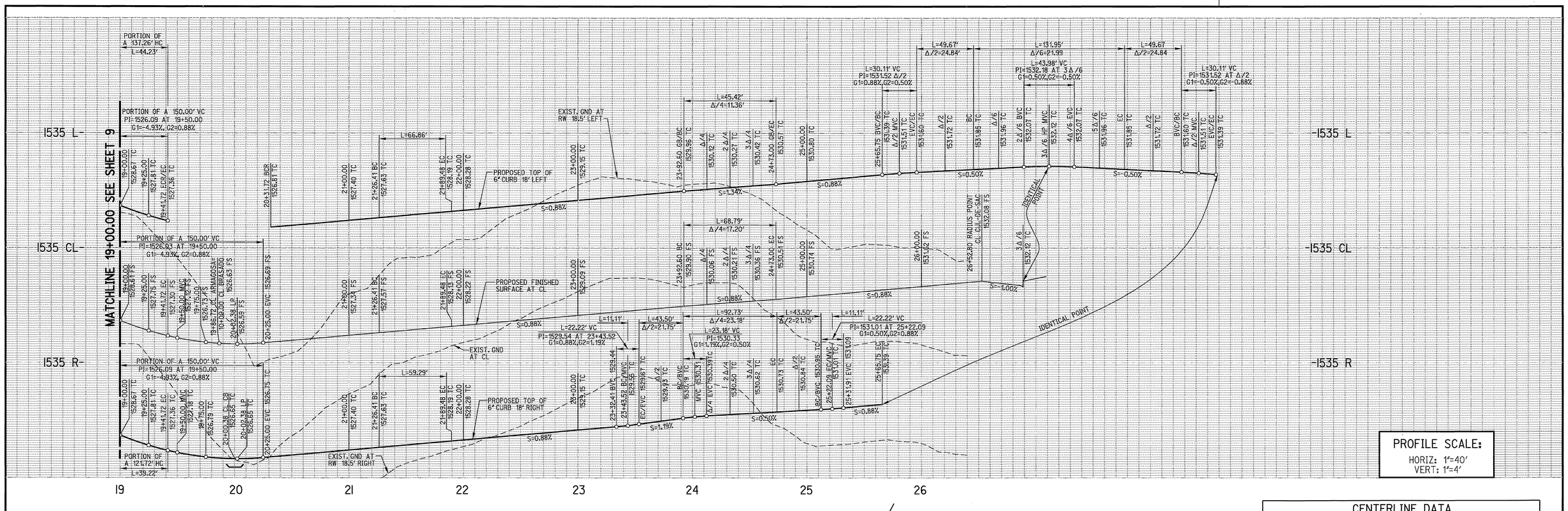
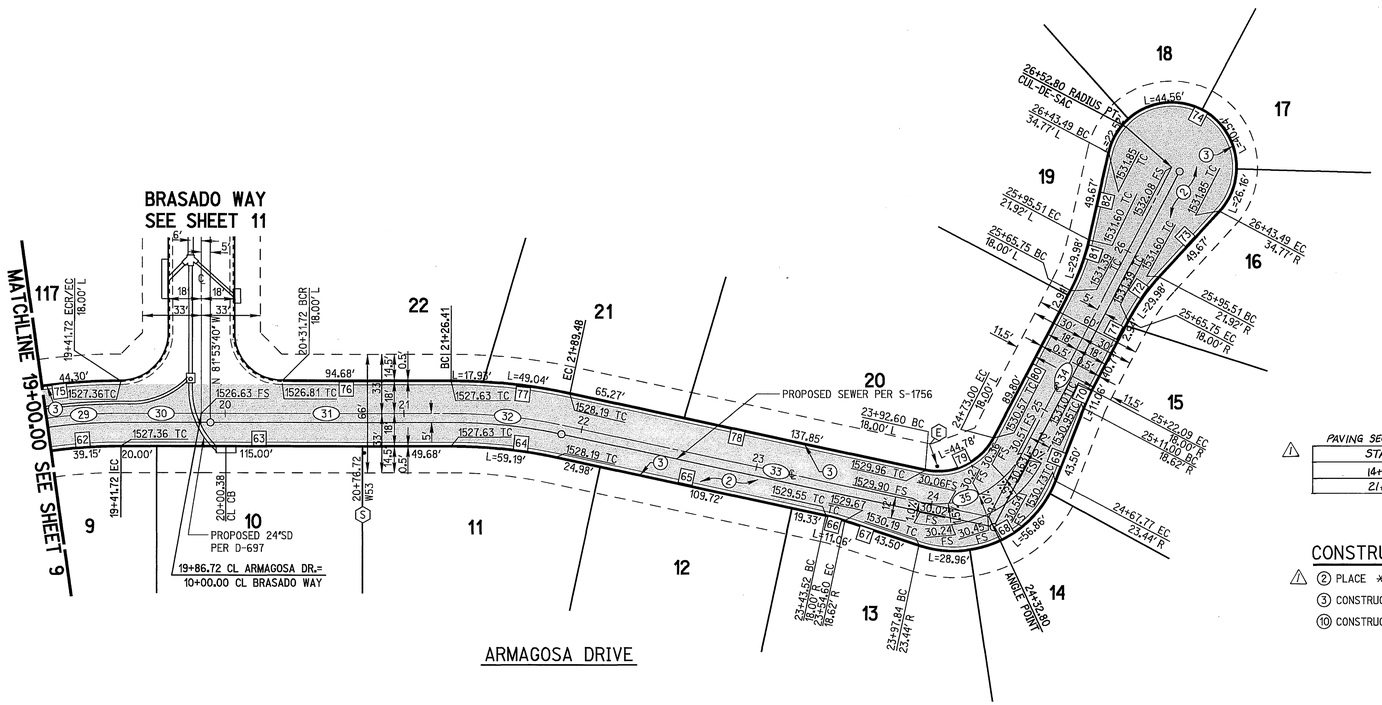


PROFILE SCALE:
HORIZ: 1"=40'
VERT: 1"=4'



CENTERLINE DATA				
NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
29	7°58'06"	300.00'	41.72'	20.89' (TAN)
30	N 8°06'20" E		45.00'	
31	N 8°06'20" E		139.68'	
32	12°02'48"	300.00'	63.08'	31.65' (TAN)
33	N 20°09'08" E		243.32'	
34	N 54°12'30" W		220.00'	
35	74°21'38"	53.00'	68.79'	40.20' (TAN)

CURB DATA				
NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
62	7°58'06"	282.00'	39.22'	19.64' (TAN)
63	N 8°06'20" E		184.69'	
64	12°02'48"	282.00'	59.29'	29.76' (TAN)
65	N 20°09'08" E		154.03'	
66	6°22'01"	100.00'	11.11'	5.56' (TAN)
67	N 26°31'09" E		43.50'	
68	87°05'40"	61.00'	92.73'	57.98' (TAN)
69	N 60°34'31" W		43.50'	
70	6°22'01"	100.00'	11.11'	5.56' (TAN)
71	N 54°12'30" W		43.65'	
72	14°59'58"	115.00'	30.11'	15.14' (TAN)
73	N 39°12'32" W		49.67'	
74	209°59'56"	36.00'	131.95'	
75	7°58'06"	318.00'	44.23'	22.15' (TAN)
76	N 8°06'20" E		94.68'	
77	12°02'48"	318.00'	66.86'	33.55' (TAN)
78	N 20°09'08" E		203.12'	
79	74°21'38"	35.00'	45.42'	26.55' (TAN)
80	N 54°12'30" W		92.74'	
81	14°59'58"	115.00'	30.11'	15.14' (TAN)
82	N 69°12'28" W		49.67'	

PAVING SECTIONS PER S.R. 1580 WITH POST-CONSTRUCTION CAP

STATION		PAVING SECTION	R-VALUE
14+00 TO	21+00	4" AC OVER 5" CAB	19
21+00 THRU CUL-DE-SAC		4" AC OVER 4" CAB	40

CONSTRUCTION NOTES

2 PLACE * AC PAVEMENT OVER * CRUSHED AGGREGATE BASE, R= * PER S.R. 1580
* SEE CHART ABOVE
3 CONSTRUCT 6" CURB AND GUTTER TYPE I PER CITY OF RIVERSIDE STD. DWG. NO. 200.
10 CONSTRUCT DRIVEWAY APPROACH, TYPE CURB II PER CITY OF RIVERSIDE STD. DWG. NO. 302

REGISTERED PROFESSIONAL ENGINEER MARTIN L. ANDERSON No. 51313 Exp. 6-30-06 CIVIL STATE OF CALIFORNIA

AS-BUILT 08/22/05

SCALE: 1" = 40'
40 0 40 80

CAUTION: EXACT LOCATION OF EXISTING UNDERGROUND FACILITIES IS UNKNOWN. CONTRACTOR TO VERIFY IN FIELD.

DIG ALERT
CALL BEFORE YOU DIG!
1-800-227-2600
UNDERGROUND SERVICE ALERT
Call at least 2 working days prior to excavating.

REGISTERED PROFESSIONAL ENGINEER EDWARD MICHEL RATICAN No. 46804 Exp. 6-30-03 CIVIL STATE OF CALIFORNIA

PREPARED UNDER THE DIRECTION OF Edward M. Ratican 9/11/01
EDWARD M. RATICAN
REGISTERED CIVIL ENGINEER NO. 46804
EXPIRATION DATE 6-30-03

RICK ENGINEERING COMPANY
San Diego Riverside Orange Phoenix Tucson
1223 University Ave., Ste. 240 • Riverside, CA 92507-3418 • (909)782-0707 • FAX (909)782-0723 • www.rickeng.com
CITY BUSINESS TAX CERTIFICATE NO. 35225 EXP. DATE 7/20/02

BENCH MARK
CITY OF RIVERSIDE BENCHMARK E8-A2, ELEVATION=1588.453' P.K. NAIL AND TAG IN TOP OF 35X50X20 FOOT GRANITE BOULDER, 100 FEET WESTERLY OF TRAUTWEIN ROAD AND 500 FEET NORTHERLY OF JESSE LANE.

MARK	REVISIONS	APPR	DATE
1	ADDED PAVE SECTION DATA PER S.R.1580		

DESIGNED BY MLA DRAWN BY MLAG CHECKED BY EMR

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

	BY	DATE
APPROVED BY		
PRINCIPAL ENGINEER		
PARK DEPARTMENT		
TRAFFIC DIVISION		
DEPUTY P.W. DIRECTOR		
STREET SERVICES		

APPROVED BY Thm Boyd
DIRECTOR OF PUBLIC WORKS
DATE 10/3/01

STREET IMPROVEMENT PLANS
TRACT NO. 29242
ARMAGOSA DRIVE
STA. 19+00.00 TO 26+52.80
SCALE HORIZ: 1"=40' VERT: 1"=4'

PROJECT NO. R-3626
SHEET 10 OF 20
FILE NO.

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INDEXED 9-4-02 LH

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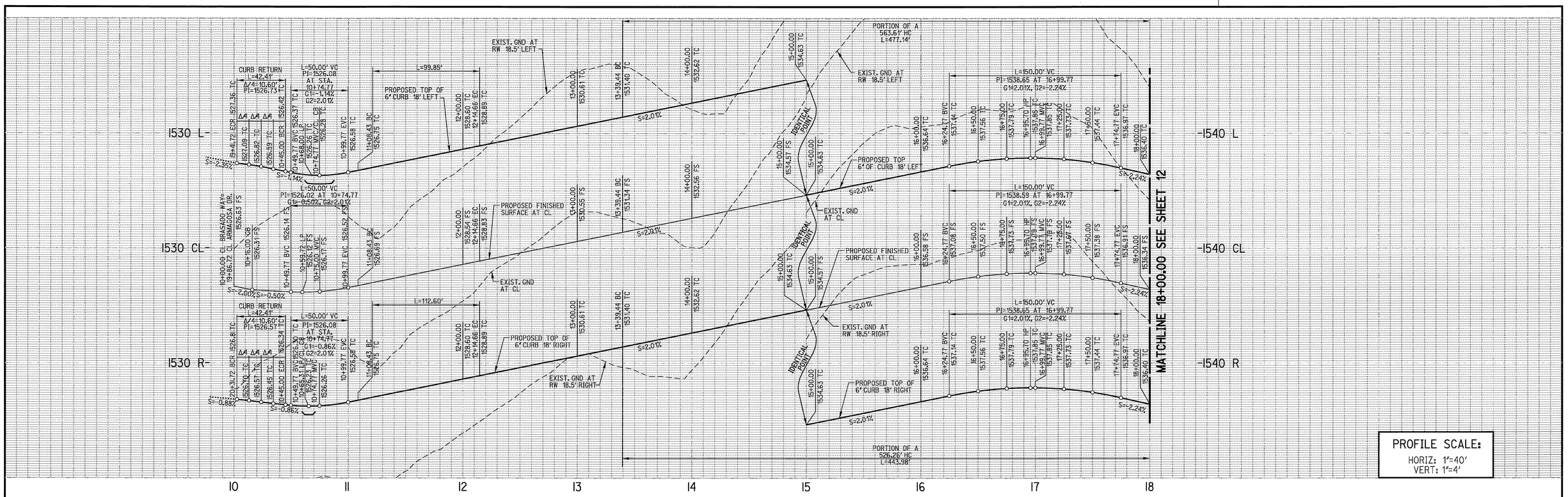

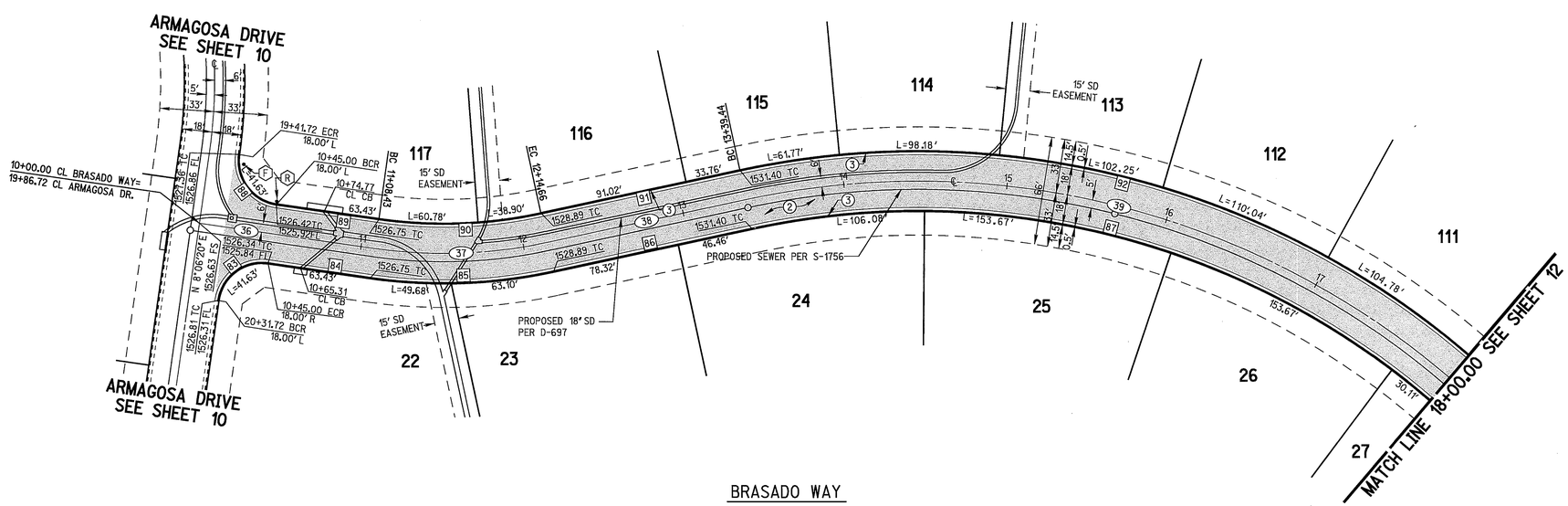

BRASADO WAY

CENTERLINE DATA				
NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
36	N 81°53'40" W		108.43'	
37	20°17'17"	300.00'	106.23'	53.68' (TAN)
38	N 77°49'03" E		124.78'	
39	52°46'36"	500.00'	460.56'	248.08' (TAN)

CURB DATA				
NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
83	90°00'00"	27.00'	42.41'	27.00' (TAN)
84	N 81°53'40" W		63.43'	
85	20°17'17"	318.00'	112.60'	56.90' (TAN)
86	N 77°49'03" E		124.78'	
87	52°46'36"	482.00'	443.98'	239.14' (TAN)
88	90°00'00"	27.00'	42.41'	27.00' (TAN)
89	N 81°53'40" W		63.43'	
90	20°17'17"	282.00'	99.85'	50.46' (TAN)
91	N 77°49'03" E		124.78'	
92	52°46'36"	518.00'	477.14'	257.01' (TAN)

CONSTRUCTION NOTES

△ (2) PLACE * AC PAVEMENT OVER * CRUSHED AGGREGATE BASE, R= * PER S.R. 1580
* SEE CHART BELOW
(3) CONSTRUCT 6" CURB AND GUTTER TYPE I PER CITY OF RIVERSIDE STD. DWG. NO. 200.
(10) CONSTRUCT DRIVEWAY APPROACH, TYPE CURB II PER CITY OF RIVERSIDE STD. DWG. NO. 302

PAVING SECTIONS PER S.R. 1580 WITH POST-CONSTRUCTION CAP

△

STATION		PAVING SECTION	R-VALUE
10+00 TO	11+50	4" AC OVER 5" CAB	19
11+50 TO	18+00	4" AC OVER 4" CAB	51

REGISTERED PROFESSIONAL ENGINEER MARTIN L. ANDERSON No. 51313 Exp. 6-30-06 CIVIL STATE OF CALIFORNIA

AS-BUILT 08/22/05

SCALE: 1' = 40'
40 0 40 80

CAUTION:
EXACT LOCATION OF EXISTING UNDERGROUND FACILITIES IS UNKNOWN. CONTRACTOR TO VERIFY IN FIELD.

DIG ALERT
CALL BEFORE YOU DIG!
1-800-227-2600
UNDERGROUND SERVICE ALERT
Call at least 2 working days prior to excavating.

REGISTERED PROFESSIONAL ENGINEER EDWARD MICHEL RATICAN No. 46804 Exp. 6-30-03 CIVIL STATE OF CALIFORNIA

PREPARED UNDER THE DIRECTION OF 9/11/01
EDWARD M. RATICAN
REGISTERED CIVIL ENGINEER NO. 46804
EXPIRATION DATE 6-30-03

RICK ENGINEERING COMPANY
San Diego Riverside Orange Phoenix Tucson
1223 University Ave., Ste. 240 • Riverside, CA 92507-3418 • (909)782-0707 • FAX (909)782-0723 • www.rickeng.com
CITY BUSINESS TAX CERTIFICATE NO. 35225 EXP. DATE 1/20/02

BENCH MARK
CITY OF RIVERSIDE BENCHMARK E8-A2, ELEVATION=1588.453' P.K. NAIL AND TAG IN TOP OF 35X50X20 FOOT GRANITE BOULDER, 100 FEET WESTERLY OF TRAUTWEIN ROAD AND 500 FEET NORTHERLY OF JESSE LANE.

MARK	REVISIONS	APPR	DATE
△	ADDED PAVE SECTION DATA PER S.R. 1580		

DESIGNED BY MLA DRAWN BY MLAG CHECKED BY EMR

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER		9/11/01
PARK DEPARTMENT		9/10/01
TRAFFIC DIVISION		9/27/01
DEPUTY P.W. DIRECTOR		
STREET SERVICES		10/3/01

APPROVED BY
DIRECTOR OF PUBLIC WORKS
DATE 10/3/01

STREET IMPROVEMENT PLANS
TRACT NO 29242
BRASADO WAY
10+00.00 TO 18+00.00

PROJECT NO. R-3626
SHEET 11 OF 20
SCALE HORIZ: 1"=40' VERT: 1"=4'
FILE NO.

INDEXED 9-4-02 GH

PLOT DATE: 11-SEP-2001 JN 13707A

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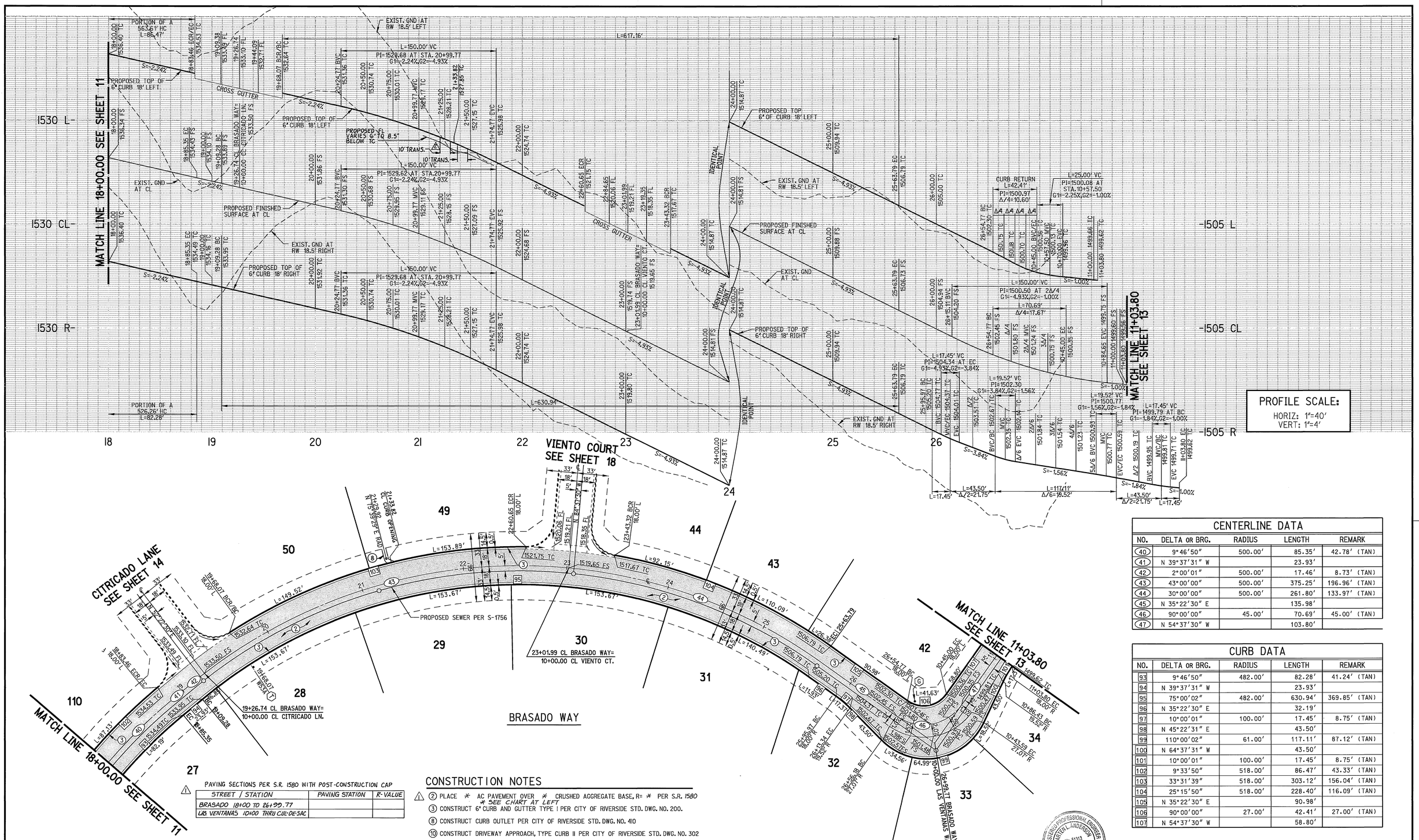

CENTERLINE DATA				
NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
40	9°46'50"	500.00'	85.35'	42.78' (TAN)
41	N 39°37'31" W		23.93'	
42	2°00'01"	500.00'	17.46'	8.73' (TAN)
43	43°00'00"	500.00'	375.25'	196.96' (TAN)
44	30°00'00"	500.00'	261.80'	133.97' (TAN)
45	N 35°22'30" E		135.98'	
46	90°00'00"	45.00'	70.69'	45.00' (TAN)
47	N 54°37'30" W		103.80'	

CURB DATA				
NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
93	9°46'50"	482.00'	82.28'	41.24' (TAN)
94	N 39°37'31" W		23.93'	
95	75°00'02"	482.00'	630.94'	369.85' (TAN)
96	N 35°22'30" E		32.19'	
97	10°00'01"	100.00'	17.45'	8.75' (TAN)
98	N 45°22'31" E		43.50'	
99	110°00'02"	61.00'	117.11'	87.12' (TAN)
100	N 64°37'31" W		43.50'	
101	10°00'01"	100.00'	17.45'	8.75' (TAN)
102	9°33'50"	518.00'	86.47'	43.33' (TAN)
103	33°31'39"	518.00'	303.12'	156.04' (TAN)
104	25°15'50"	518.00'	228.40'	116.09' (TAN)
105	N 35°22'30" E		90.98'	
106	90°00'00"	27.00'	42.41'	27.00' (TAN)
107	N 54°37'30" W		58.80'	

PAVING SECTIONS PER S.R. 1580 WITH POST-CONSTRUCTION CAP

STREET / STATION	PAVING STATION	R-VALUE
BRASADO 18+00 TO 26+99.77		
LAS VENTANAS 10+00 THRU CUL-DE-SAC		

CONSTRUCTION NOTES

1. (2) PLACE * AC PAVEMENT OVER * CRUSHED AGGREGATE BASE, R= * PER S.R. 1580 * SEE CHART AT LEFT
2. (3) CONSTRUCT 6" CURB AND GUTTER TYPE I PER CITY OF RIVERSIDE STD. DWG. NO. 200.
3. (8) CONSTRUCT CURB OUTLET PER CITY OF RIVERSIDE STD. DWG. NO. 410
4. (10) CONSTRUCT DRIVEWAY APPROACH, TYPE CURB II PER CITY OF RIVERSIDE STD. DWG. NO. 302

REGISTERED PROFESSIONAL ENGINEER MARTIN L. ANDERSON No. 51313 Exp. 6-30-06 CIVIL STATE OF CALIFORNIA

AS-BUILT 08/22/05

CAUTION: EXACT LOCATION OF EXISTING UNDERGROUND FACILITIES IS UNKNOWN. CONTRACTOR TO VERIFY IN FIELD.

DIG ALERT — CALL BEFORE YOU DIG! 1-800-227-2600 UNDERGROUND SERVICE ALERT Call at least 2 working days prior to excavating.

REGISTERED PROFESSIONAL ENGINEER EDWARD MICHEL RATICAN No. 46804 Exp. 6-30-03 CIVIL STATE OF CALIFORNIA

PREPARED UNDER THE DIRECTION OF Edward M. Ratican 9/11/01
EDWARD M. RATICAN
REGISTERED CIVIL ENGINEER NO. 46804
EXPIRATION DATE 6-30-03

RICK ENGINEERING COMPANY — San Diego, Riverside, Orange, Phoenix, Tucson
1223 University Ave., Ste. 240 · Riverside, CA 92507-3418 · (909)782-0707 · FAX (909)782-0723 · www.rickeng.com
CITY BUSINESS TAX CERTIFICATE NO. 35225 EXP. DATE 7/20/02

BENCH MARK
CITY OF RIVERSIDE BENCHMARK E8-A2, ELEVATION=1588.453' P.K. NAIL AND TAG IN TOP OF 35X50X20 FOOT GRANITE BOULDER, 100 FEET WESTERLY OF TRAUTWEIN ROAD AND 500 FEET NORTHERLY OF JESSE LANE.

MARK	REVISIONS	APPR	DATE
1	ADDED PAVE SECTION DATA PER SR 1580		
2	REVISED PROFILE TO SHOW FLOWLINE TRANSITION AT CURB OUTLET		

DESIGNED BY MLA DRAWN BY MLAG CHECKED BY EMR

CITY OF RIVERSIDE — PUBLIC WORKS DEPARTMENT

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER		9/14/01
PARK DEPARTMENT		9/26/01
TRAFFIC DIVISION		9/27/01
DEPUTY P.W. DIRECTOR		
STREET SERVICES		10/3/01

APPROVED BY Tim Boyd, DIRECTOR OF PUBLIC WORKS — DATE 10/3/01

STREET IMPROVEMENT PLANS
TRACT 29242
BRASADO WAY
18+00.00 TO 26+99.77
LAS VENTANAS WAY
10+00.00 TO 11+03.80

PROJECT NO. R-3626
SHEET 12 OF 20
SCALE HORIZ: 1"=40' VERT: 1"=4'
FILE NO.

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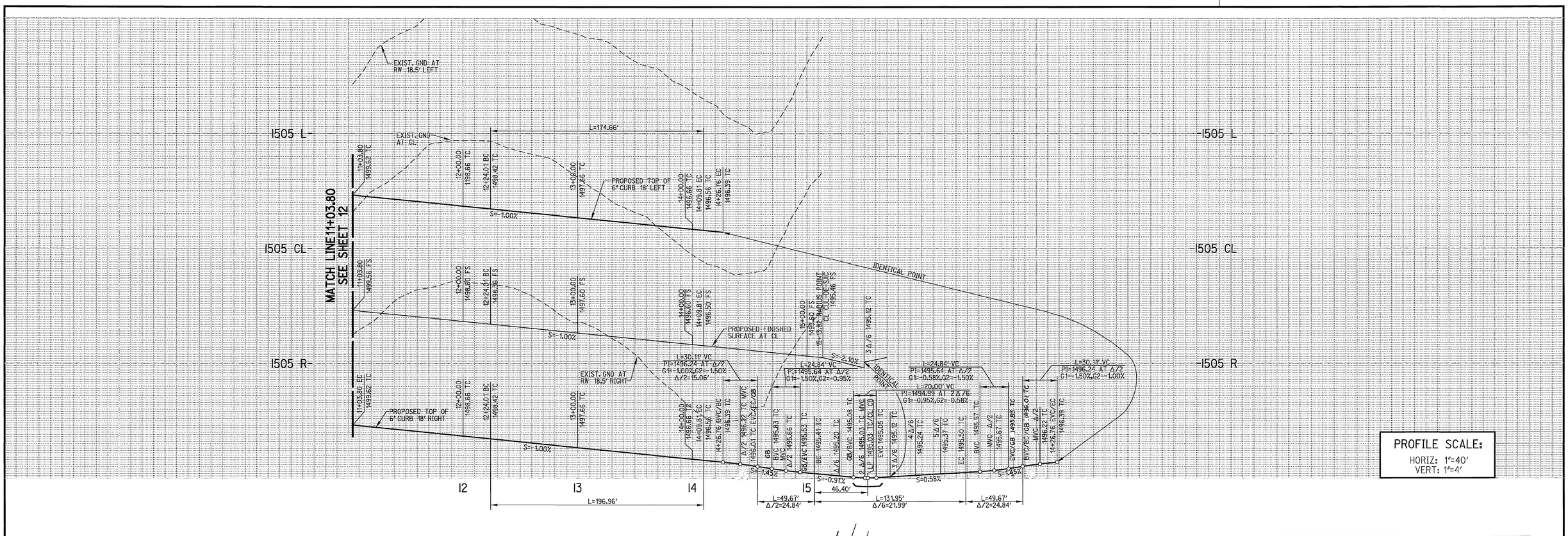
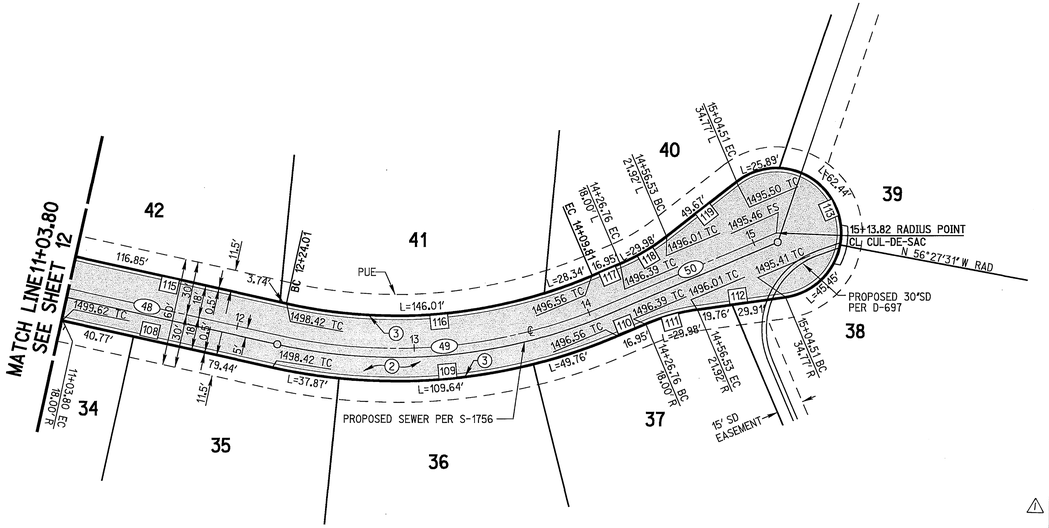
(PC-4256-S)

INDEXED 9-4-02 LH

G:\d_13707\707lmp12.dgn PLOT DATE: 11-SEP-2001 JN 13707A





LAS VENTANAS WAY

CENTERLINE DATA

NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
48	N 54°37'30" W		120.21'	
49	35°29'12"	300.00'	185.81'	95.99' (TAN)
50	N 89°53'18" E		104.01'	

CURB DATA

NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
108	N 54°37'30" W		120.21'	
109	35°29'12"	318.00'	196.96'	101.75' (TAN)
110	N 89°53'18" E		16.95'	
111	14°59'58"	115.00'	30.11'	15.14' (TAN)
112	N 75°06'44" W		49.67'	
113	209°59'56"	36.00'	131.95'	
115	N 54°37'30" W		120.21'	
116	35°29'12"	282.00'	174.66'	90.23' (TAN)
117	N 89°53'18" E		16.95'	
118	14°59'58"	115.00'	30.11'	15.14' (TAN)
119	N 74°53'20" E		49.67'	

PAVING SECTIONS PER S.R. 1580 WITH POST-CONSTRUCTION CAP

STATION	PAVING SECTION	R-VALUE
LAS VENTANAS 10+00 THRU CUL-DE-SAC		

CONSTRUCTION NOTES

(2) PLACE * AC PAVEMENT OVER * CRUSHED AGGREGATE BASE, R= * S.R. 1580
* SEE CHART AT LEFT
(3) CONSTRUCT 6" CURB AND GUTTER TYPE I PER CITY OF RIVERSIDE STD. DWG. NO 200.
(10) CONSTRUCT DRIVEWAY APPROACH, TYPE CURB II PER CITY OF RIVERSIDE STD. DWG. NO. 302

REGISTERED PROFESSIONAL ENGINEER MARTEN L. ANDERSON No. 51313 Exp. 6-30-06 CIVIL STATE OF CALIFORNIA

AS-BUILT 08/22/05

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

SCALE: 1" = 40'
40 0 40 80

CAUTION:
EXACT LOCATION OF EXISTING UNDERGROUND FACILITIES IS UNKNOWN. CONTRACTOR TO VERIFY IN FIELD.

DIG ALERT
CALL BEFORE YOU DIG!
1-800-227-2600
UNDERGROUND SERVICE ALERT
Call at least 2 working days prior to excavating.

REGISTERED PROFESSIONAL ENGINEER EDWARD MICHEL RATICAN No. 46804 Exp. 6-30-03 CIVIL STATE OF CALIFORNIA

PREPARED UNDER THE DIRECTION OF
EDWARD M. RATICAN 9/14/01
REGISTERED CIVIL ENGINEER NO. 46804
EXPIRATION DATE 6-30-03

RICK ENGINEERING COMPANY
San Diego Riverside Orange Phoenix Tucson
1223 University Ave., Ste. 240 • Riverside, CA 92507-3418 • (909)782-0707 • FAX (909)782-0723 • www.rickeng.com
CITY BUSINESS TAX CERTIFICATE NO. 35225 EXP. DATE 7/20/02

BENCH MARK
CITY OF RIVERSIDE BENCHMARK E8-A2, ELEVATION=1588.453' P.K. NAIL AND TAG IN TOP OF 35X50X20 FOOT GRANITE BOULDER, 100 FEET WESTERLY OF TRAUTWEIN ROAD AND 500 FEET NORTHERLY OF JESSE LANE.

MARK	REVISIONS	APPR	DATE
1	ADDED PAVE SECTION DATA PER S.R.1580		

DESIGNED BY MLA DRAWN BY MLAG CHECKED BY EMR

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER		9/14/01
PARK DEPARTMENT		10/16/01
TRAFFIC DIVISION		9/27/01
DEPUTY P.W. DIRECTOR		
STREET SERVICES		

APPROVED BY
DIRECTOR OF PUBLIC WORKS
DATE 10/31/01

STREET IMPROVEMENT PLANS
TRACT 29242
LAS VENTANAS WAY
11+03.80 TO 15+13.82
SCALE
HORIZ: 1"=40' VERT: 1"=4'

PROJECT NO. R-3626
SHEET 13 OF 20
FILE NO.

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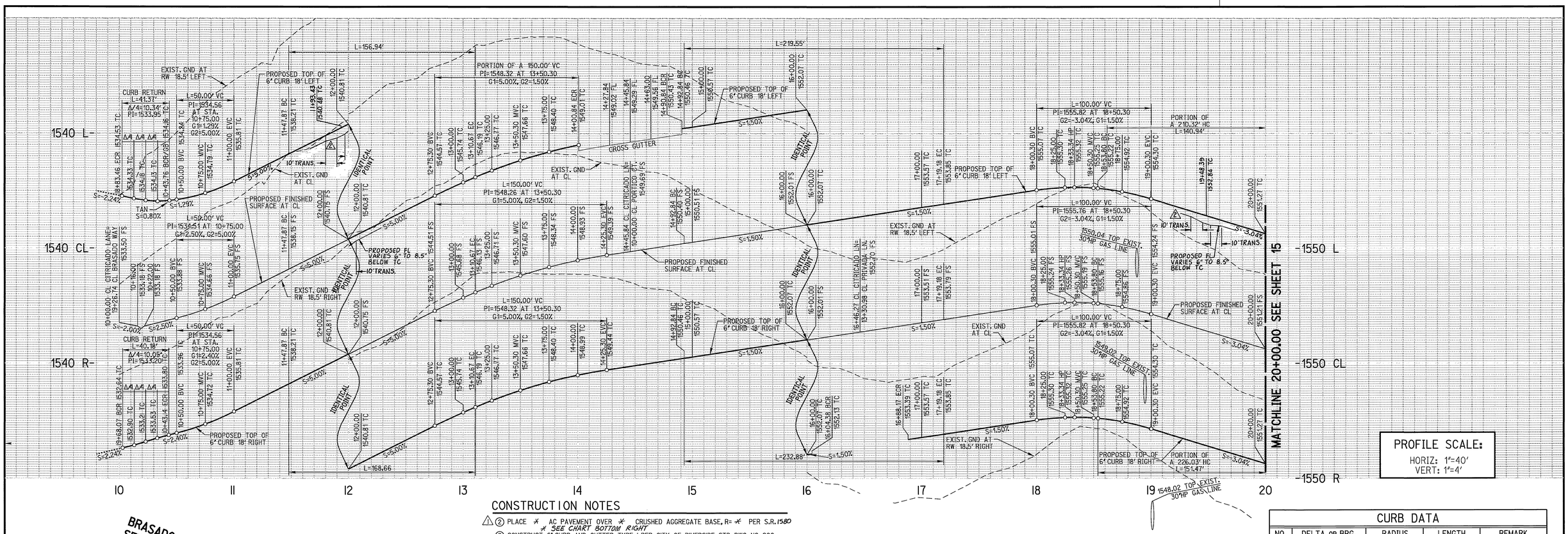
(PC-4256-S)

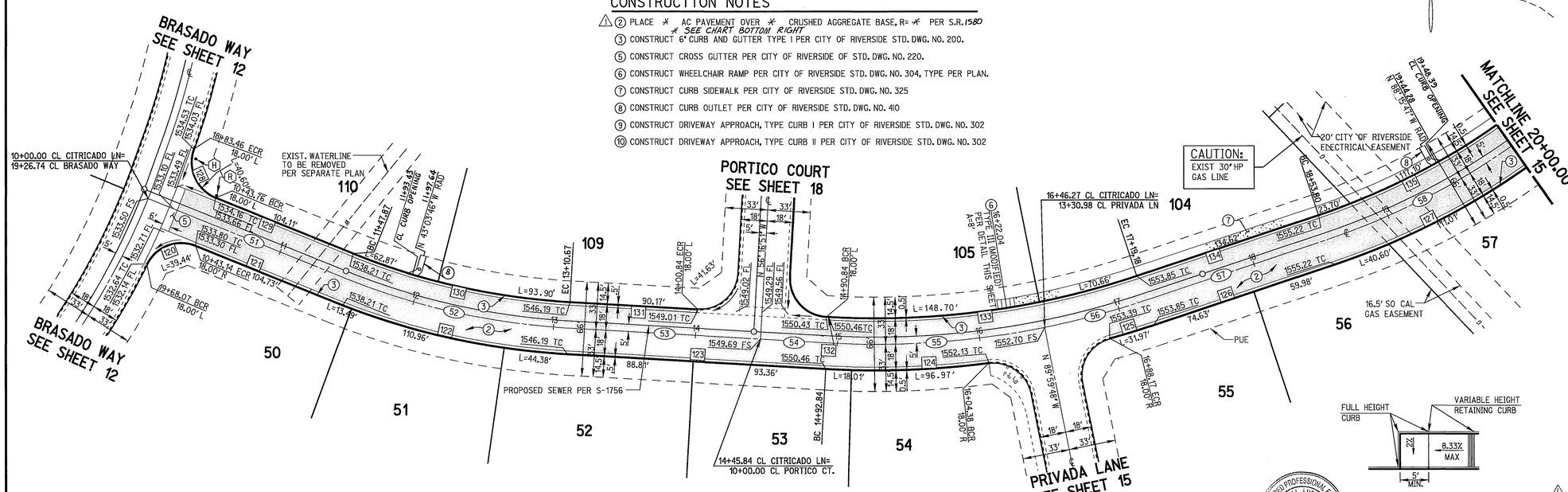
INDEXED 9-4-02 LH

G:\d_13707\707Imp13.dgn PLOT DATE: 11-SEP-2001 JN 13707A



CONSTRUCTION NOTES

1. (2) PLACE * AC PAVEMENT OVER * CRUSHED AGGREGATE BASE, R= * PER S.R. 1580 * SEE CHART BOTTOM RIGHT
3. (3) CONSTRUCT 6" CURB AND GUTTER TYPE I PER CITY OF RIVERSIDE STD. DWG. NO. 200.
5. (5) CONSTRUCT CROSS GUTTER PER CITY OF RIVERSIDE OF STD. DWG. NO. 220.
6. (6) CONSTRUCT WHEELCHAIR RAMP PER CITY OF RIVERSIDE STD. DWG. NO. 304, TYPE PER PLAN.
7. (7) CONSTRUCT CURB SIDEWALK PER CITY OF RIVERSIDE STD. DWG. NO. 325
8. (8) CONSTRUCT CURB OUTLET PER CITY OF RIVERSIDE STD. DWG. NO. 410
9. (9) CONSTRUCT DRIVEWAY APPROACH, TYPE CURB I PER CITY OF RIVERSIDE STD. DWG. NO. 302
10. (10) CONSTRUCT DRIVEWAY APPROACH, TYPE CURB II PER CITY OF RIVERSIDE STD. DWG. NO. 302



CURB DATA				
NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
120	85°15'50"	27.00'	40.18'	24.86' (TAN)
121	N 52°22'30" E		104.73'	
122	18°39'21"	518.00'	168.66'	85.09' (TAN)
123	N 33°43'09" E		182.17'	
124	10°39'03"	618.00'	114.88'	57.61' (TAN)
125	2°57'41"	618.00'	31.94'	15.97' (TAN)
126	N 12°06'20" E		134.62'	
127	16°45'14"	518.00'	151.47'	76.28' (TAN)
128	87°46'59"	27.00'	41.37'	25.98' (TAN)
129	N 52°22'30" E		104.11'	
130	18°39'21"	482.00'	156.94'	79.17' (TAN)
131	N 33°43'09" E		90.17'	
132	N 33°43'09" E		2.00'	
133	21°36'49"	582.00'	219.55'	111.09' (TAN)
134	N 12°06'20" E		134.62'	
135	16°45'14"	482.00'	140.94'	70.98' (TAN)

CENTERLINE DATA				
NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
51	N 52°22'30" E		147.87'	
52	18°39'21"	500.00'	162.80'	82.13' (TAN)
53	N 33°43'09" E		135.17'	
54	N 33°43'09" E		47.00'	
55	14°39'06"	600.00'	153.43'	77.14' (TAN)
56	6°57'43"	600.00'	72.91'	36.50' (TAN)
57	N 12°06'20" E		134.62'	
58	16°45'14"	500.00'	146.20'	73.63' (TAN)

PAVING SECTIONS PER S.R. 1580 WITH POST-CONSTRUCTION CAP

STATION	PAVING SECTION	R-VALUE
10+00 + 16+00	4"AC OVER 4" CAB	64
16+00 + 21+00	4" AC OVER 4" CAB	33
21+00 THRU CUL-DE-SAC	4" AC OVER 4" CAB	27

WHEELCHAIR RAMP TYPE III (MODIFIED)

NTS

REGISTERED PROFESSIONAL ENGINEER MARTIN L. ANDERSON No. 51313 Exp. 6-30-06 CIVIL STATE OF CALIFORNIA

AS-BUILT 08/22/05

SCALE: 1" = 40'

40 0 40 80

CAUTION: EXACT LOCATION OF EXISTING UNDERGROUND FACILITIES IS UNKNOWN. CONTRACTOR TO VERIFY IN FIELD.

DIG ALERT — CALL BEFORE YOU DIG! 1-800-227-2600 UNDERGROUND SERVICE ALERT Call at least 2 working days prior to excavating.

REGISTERED PROFESSIONAL ENGINEER EDWARD MICHEL RATICAN No. 46804 Exp. 6-30-03 CIVIL STATE OF CALIFORNIA

PREPARED UNDER THE DIRECTION OF Edward M. Ratican 9-11-01
EDWARD M. RATICAN
REGISTERED CIVIL ENGINEER NO. 46804
EXPIRATION DATE 6-30-03

RICK ENGINEERING COMPANY
San Diego Riverside Orange Phoenix Tucson
1223 University Ave., Ste. 240 • Riverside, CA 92507-2418 • (909)782-0707 • FAX (909)782-0723 • www.rickeng.com
CITY BUSINESS TAX CERTIFICATE NO. 35225 EXP. DATE 7/20/02

BENCH MARK
CITY OF RIVERSIDE BENCHMARK EB-A2, ELEVATION=1588.453' P.K. NAIL AND TAG IN TOP OF 36X50X20 FOOT GRANITE BOULDER, 100 FEET WESTERLY OF TRAUTWEIN ROAD AND 500 FEET NORTHERLY OF JESSE LANE.

MARK	REVISIONS	APPR	DATE
1	ADDED PAVE SECTION DATA PER S.R. 1580	SE	10/31/01
2	REVISED PROFILE TO SHOW FLOWLINE TRANSITION AT CURB OUTLET		

DESIGNED BY MLA DRAWN BY MLAG CHECKED BY EMR

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER		10/31/01
PARK DEPARTMENT		10/31/01
TRAFFIC DIVISION		10/31/01
DEPUTY P.W. DIRECTOR		
STREET SERVICES		

APPROVED BY
DIRECTOR OF PUBLIC WORKS
DATE 10/31/01

STREET IMPROVEMENT PLANS

TRACT 29242
CITRICADO LANE
10+00.00 TO 20+00.00

PROJECT NO. R-3626

SHEET 14 OF 20

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

FILE NO.

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INDEXED 9-4-02 GH

PLOT DATE: 11-SEP-2001 JN 13707A

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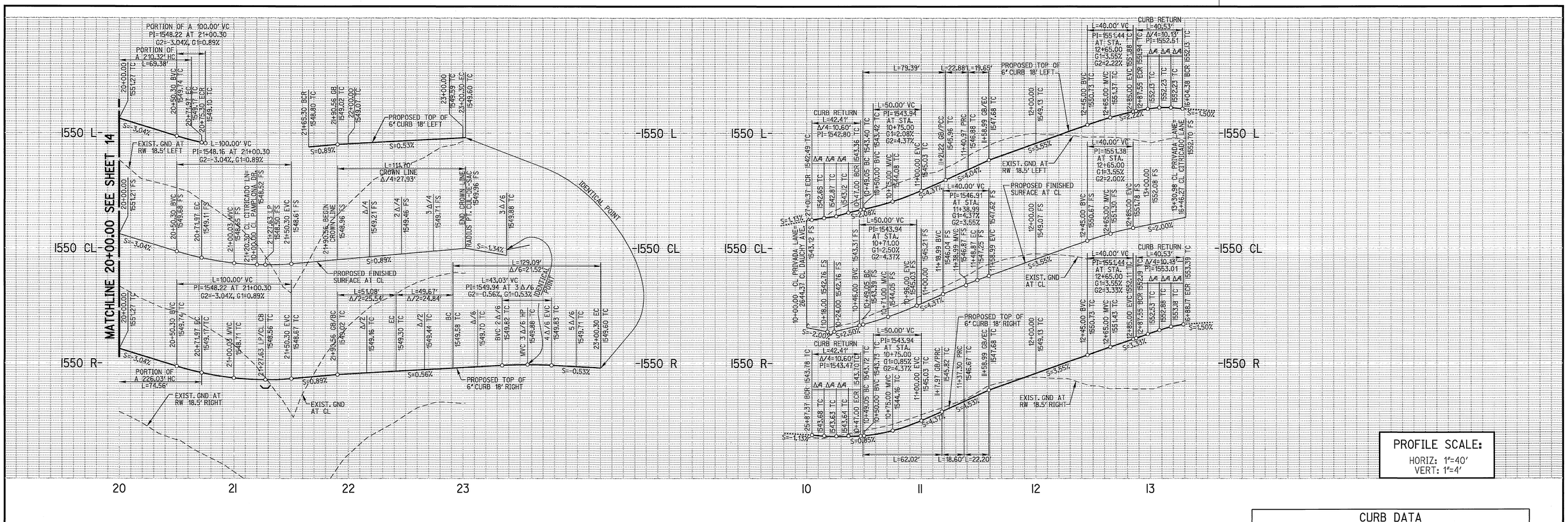
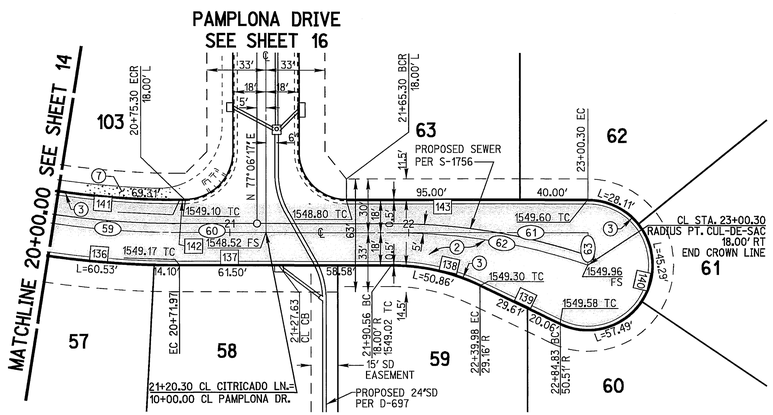
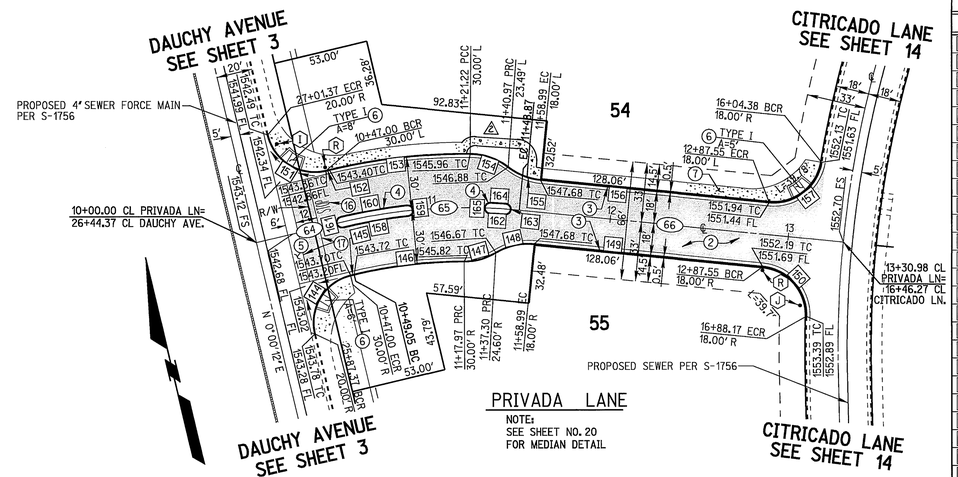


PROFILE SCALE:
HORIZ: 1"=40'
VERT: 1"=4'





CURB DATA

NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
136	8°14'49"	518.00'	74.56'	37.34' (TAN)
137	N 12°53'43" W		118.59'	
138	25°27'05"	115.00'	51.08'	25.97' (TAN)
139	N 12°33'22" E		49.67'	
140	205°27'05"	36.00'	129.09'	
141	8°14'49"	482.00'	69.38'	34.75' (TAN)
142	N 12°53'43" W		3.33'	
143	N 12°53'43" W		135.00'	
144	90°00'00"	27.00'	42.41'	27.00' (TAN)
145	N 89°59'48" W		2.05'	
146	13°09'42"	270.00'	62.02'	31.15' (TAN)
147	30°26'30"	35.00'	18.60'	9.52' (TAN)
148	36°20'39"	35.00'	22.20'	11.49' (TAN)
149	N 70°55'57" W		128.56'	
150	85°59'58"	27.00'	40.53'	25.18' (TAN)
151	90°00'00"	27.00'	42.41'	27.00' (TAN)
152	N 89°59'48" W		2.05'	
153	13°46'59"	330.00'	79.39'	39.89' (TAN)
154	37°27'08"	35.00'	22.88'	11.86' (TAN)
155	32°10'17"	35.00'	19.65'	10.09' (TAN)
156	N 70°55'57" W		128.56'	
157	85°59'58"	27.00'	40.53'	25.18' (TAN)
158	7°08'22"	297.00'	37.01'	18.53' (TAN)
159	180°00'00"	3.00'	9.42'	
160	7°08'22"	303.00'	37.76'	18.90' (TAN)
161	180°00'00"	3.00'	9.42'	
162	1°38'44"	297.00'	8.53'	4.27' (TAN)
163	180°00'00"	3.00'	9.42'	
164	1°38'44"	303.00'	8.70'	4.35' (TAN)
165	180°00'00"	3.00'	9.42'	

CONSTRUCTION NOTES

△1 (2) PLACE * AC PAVEMENT OVER * CRUSHED AGGREGATE BASE, R= * PER S.R. 1580
* SEE CHART AT LEFT
(3) CONSTRUCT 6" CURB AND GUTTER TYPE I PER CITY OF RIVERSIDE STD. DWG. NO. 200.
(4) CONSTRUCT 8" CURB TYPE II PER CITY OF RIVERSIDE STD. DWG. NO. 200.
(5) CONSTRUCT CROSS GUTTER PER CITY OF RIVERSIDE OF STD. DWG. NO. 220.
(6) CONSTRUCT WHEELCHAIR RAMP PER CITY OF RIVERSIDE STD. DWG. NO. 304, TYPE PER PLAN.
(7) CONSTRUCT CURB SIDEWALK PER CITY OF RIVERSIDE STD. DWG. NO. 325
(10) CONSTRUCT DRIVEWAY APPROACH, TYPE CURB II PER CITY OF RIVERSIDE STD. DWG. NO. 302
(16) APPLY "STOP" PAVEMENT MARKINGS PER CALTRANS STD. PLAN A24D
(17) APPLY 12" SOLID WHITE CROSSWALK LINES PER CALTRANS STD. PLAN A24E AND CITY OF RIVERSIDE STD. DWG. NO. 120

△1 PAVING SECTIONS PER S.R. 1580 WITH POST-CONSTRUCTION CAP

STREET / STATION	PAVING SECTION	R-VALUE
CITRICADO 21+00 THRU CUL-DE-SAC	4"AC OVER 4" CAB	27
PRIVADA 10+00 TO 13+30.98	4"AC OVER 4½"CAB	22

CENTERLINE DATA

NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
59	8°14'49"	500.00'	71.97'	36.05' (TAN)
60	N 12°53'43" W		48.33'	
61	N 12°53'43" W		180.00'	
62	18°37'47"	343.53'	111.70'	56.35' (TAN) CROWN
63	N 77°60'17" E		18.00'	OFFSET
64	N 89°59'48" W		49.05'	
65	19°03'51"	300.00'	99.82'	50.38' (TAN)
66	N 70°55'57" W		182.11'	

REGISTERED PROFESSIONAL ENGINEER MARDEN L. ANDERSON No. 51313 Exp. 6-30-06 CIVIL STATE OF CALIFORNIA

AS-BUILT 08/22/05

SCALE: 1" = 40'
40 0 40 80

CAUTION: EXACT LOCATION OF EXISTING UNDERGROUND FACILITIES IS UNKNOWN. CONTRACTOR TO VERIFY IN FIELD.

DIG ALERT™ CALL BEFORE YOU DIG!
1-800-227-2600
UNDERGROUND SERVICE ALERT
Call at least 2 working days prior to excavating.

REGISTERED PROFESSIONAL ENGINEER EDWARD MICHEL RATICAN No. 46804 Exp. 6-30-03 CIVIL STATE OF CALIFORNIA

PREPARED UNDER THE DIRECTION OF Edward M. Ratican 9-11-01
EDWARD M. RATICAN
REGISTERED CIVIL ENGINEER NO. 46804
EXPIRATION DATE 6-30-03

RICK ENGINEERING COMPANY
San Diego Riverside Orange Phoenix Tucson
1223 University Ave., Ste. 240 • Riverside, CA 92507-3418 • (909)782-0707 • FAX (909)782-0723 • www.rickeng.com
CITY BUSINESS TAX CERTIFICATE NO. 35225 EXP. DATE 1/20/02

BENCH MARK
CITY OF RIVERSIDE BENCHMARK E8-A2, ELEVATION=1588.453' P.K. NAIL AND TAG IN TOP OF 35X50X20 FOOT GRANITE BOULDER, 100 FEET WESTERLY OF TRAUTWEIN ROAD AND 500 FEET NORTHERLY OF JESSE LANE.

MARK	REVISIONS	APPR	DATE
△1	ADDED PAVE SECTION DATA PER S.R. 1580	AE	10/16/01
△2	REVISED SIDEWALK		

DESIGNED BY MLA DRAWN BY MLAG CHECKED BY EMR

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

	BY	DATE
APPROVED BY		
PRINCIPAL ENGINEER		10/16/01
PARK DEPARTMENT		10/16/01
TRAFFIC DIVISION		10/17/01
DEPUTY P.W. DIRECTOR		
STREET SERVICES		

APPROVED BY Thom Boad
DIRECTOR OF PUBLIC WORKS
DATE 10/26/01

STREET IMPROVEMENT PLANS
TRACT 29242
PRIVADA LANE
10+00.00 TO 13+30.98
CITRICADO LANE
20+00.00 TO 23+00.30

PROJECT NO. R-3626
SHEET 15 OF 20
SCALE HORIZ: 1"=40' VERT: 1"=4'
FILE NO.

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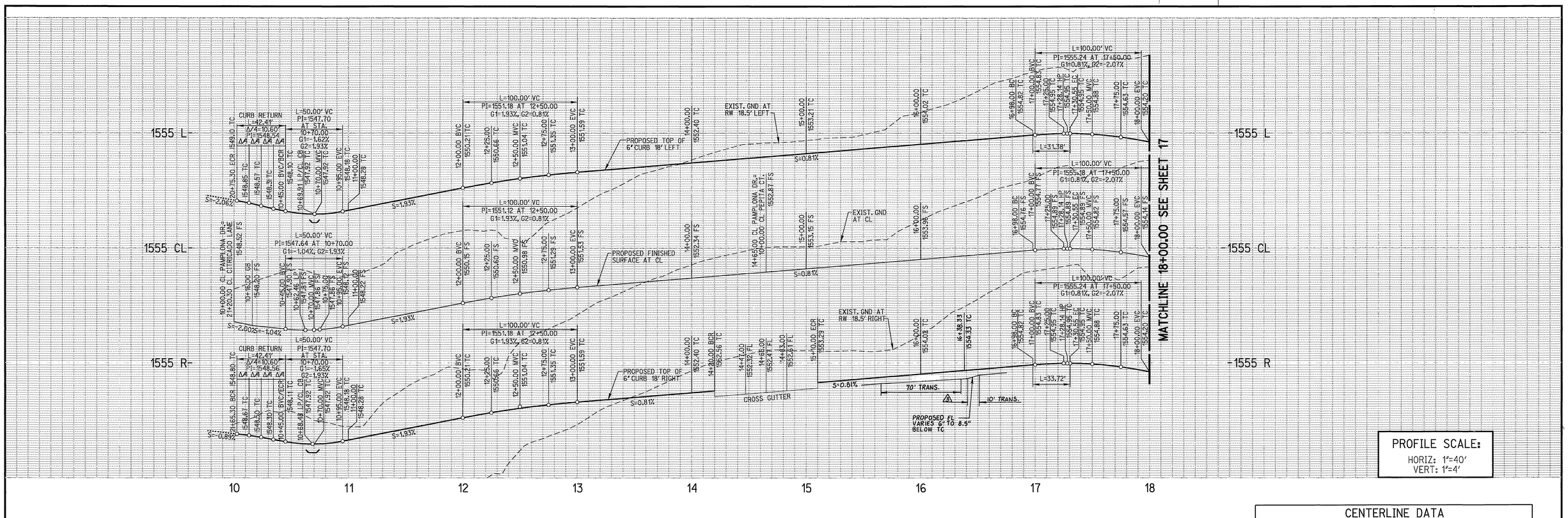
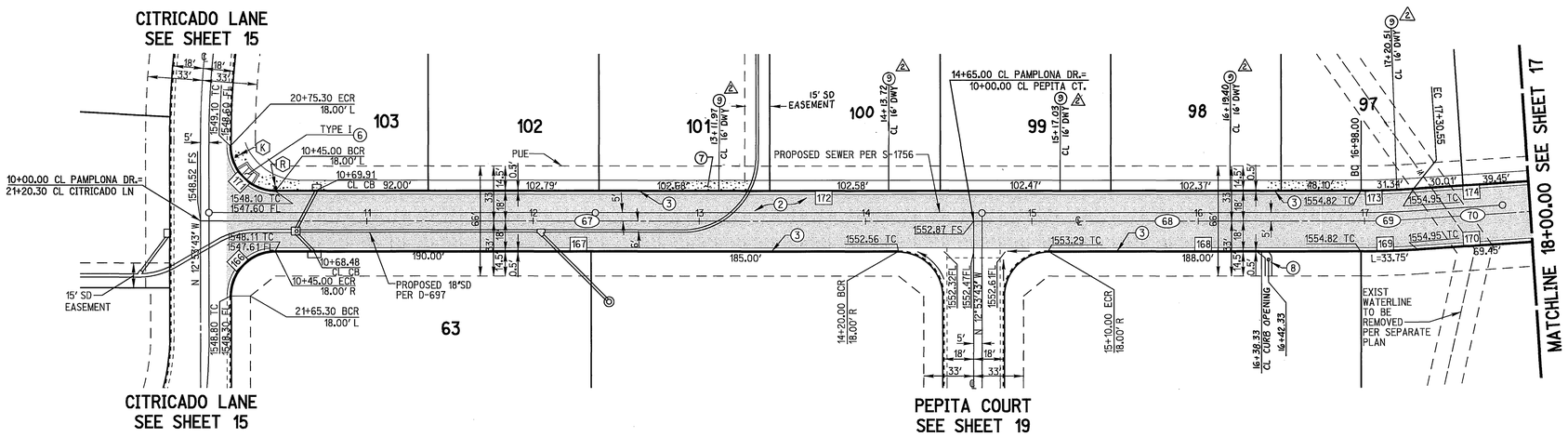
INDEXED 9-4-02

G:\d_13707\707imp15.dgn PLOT DATE: 11-SEP-2001 JN 13707A



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



PAMPLONA DRIVE

CENTERLINE DATA

NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
67	N 77°06'17" E		465.00'	
68	N 77°06'17" E		233.00'	
69	3°43'47"	500.00'	32.55'	16.28' (TAN)
70	N 73°22'30" E		69.45'	

CURB DATA

NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
166	90°00'00"	27.00'	42.41'	27.00' (TAN)
167	N 77°06'17" E		375.00'	
168	N 77°06'17" E		188.00'	
169	3°43'47"	518.00'	33.72'	16.87' (TAN)
170	N 73°22'30" E		69.45'	
171	90°00'00"	27.00'	42.41'	27.00' (TAN)
172	N 77°06'17" E		653.00'	
173	3°43'47"	482.00'	31.38'	15.69' (TAN)
174	N 73°22'30" E		69.45'	

CONSTRUCTION NOTES

1 (2) PLACE * AC PAVEMENT OVER * CRUSHED AGGREGATE BASE, R=* PER S.R. 1580
* SEE CHART AT LEFT
(3) CONSTRUCT 6" CURB AND GUTTER TYPE I PER CITY OF RIVERSIDE STD. DWG. NO. 200.
(6) CONSTRUCT WHEELCHAIR RAMP PER CITY OF RIVERSIDE STD. DWG. NO. 304, TYPE PER PLAN.
(7) CONSTRUCT CURB SIDEWALK PER CITY OF RIVERSIDE STD. DWG. NO. 325
(8) CONSTRUCT CURB OUTLET PER CITY OF RIVERSIDE STD. DWG. NO. 410
(9) CONSTRUCT DRIVEWAY APPROACH, TYPE CURB I PER CITY OF RIVERSIDE STD. DWG. NO. 302

1 PAVING SECTIONS PER S.R. 1580 WITH POST-CONSTRUCTION CAP

STATION	PAVING SECTION	R-VALUE
10+00 TO 16+00	4" AC OVER 4"CAB	27
16+00 THRU 23+91	4"AC OVER 4"CAB	31

REGISTERED PROFESSIONAL ENGINEER MARTIN L. ANDERSON No. 51313 Exp. 6-30-06 CIVIL STATE OF CALIFORNIA
AS-BUILT 08/22/05

SCALE: 1" = 40'
40 0 40 80

CAUTION: EXACT LOCATION OF EXISTING UNDERGROUND FACILITIES IS UNKNOWN. CONTRACTOR TO VERIFY IN FIELD.

DIG ALERT
CALL BEFORE YOU DIG!
1-800-227-2600
UNDERGROUND SERVICE ALERT
Call at least 2 working days prior to excavating.

REGISTERED PROFESSIONAL ENGINEER EDWARD MICHEL RATICAN No. 46804 Exp. 6-30-03 CIVIL STATE OF CALIFORNIA

PREPARED UNDER THE DIRECTION OF Edward M. Ratican 9-11-01
EDWARD M. RATICAN
REGISTERED CIVIL ENGINEER NO. 46804
EXPIRATION DATE 6-30-03

RICK ENGINEERING COMPANY
San Diego Riverside Orange Phoenix Tucson
1223 University Ave., Ste. 240 • Riverside, CA 92507-3418 • (909)782-0707 • FAX (909)782-0723 • www.rickeng.com
CITY BUSINESS TAX CERTIFICATE NO. 35225 EXP. DATE 7/20/02

BENCH MARK
CITY OF RIVERSIDE BENCHMARK E8-A2, ELEVATION=1588.453' P.K. NAIL AND TAG IN TOP OF 35X50X20 FOOT GRANITE BOULDER, 100 FEET WESTERLY OF TRAUTWEIN ROAD AND 500 FEET NORTHERLY OF JESSE LANE.

MARK	REVISIONS	APPR	DATE
1	ADDED PAVE SECTION DATA PER S.R. 1580	EMR	4/8/02
2	ADDED DRIVEWAY STATIONS FOR LOTS 97-101		
3	REVISED PROFILE TO SHOW FLOWLINE TRANSITION AT CURB OUTLET		

DESIGNED BY MLA DRAWN BY MLAG CHECKED BY EMR

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

	BY	DATE
APPROVED BY		
PRINCIPAL ENGINEER		
PARK DEPARTMENT		
TRAFFIC DIVISION		
DEPUTY P.W. DIRECTOR		
STREET SERVICES		

APPROVED BY
DIRECTOR OF PUBLIC WORKS
DATE 10/3/01

STREET IMPROVEMENT PLANS
TRACT 29242
PAMPLONA DRIVE
10+00.00 TO 18+00.00
SCALE HORIZ: 1"=40' VERT: 1"=4'
PROJECT NO. R-3626
SHEET 16 OF 20
FILE NO.

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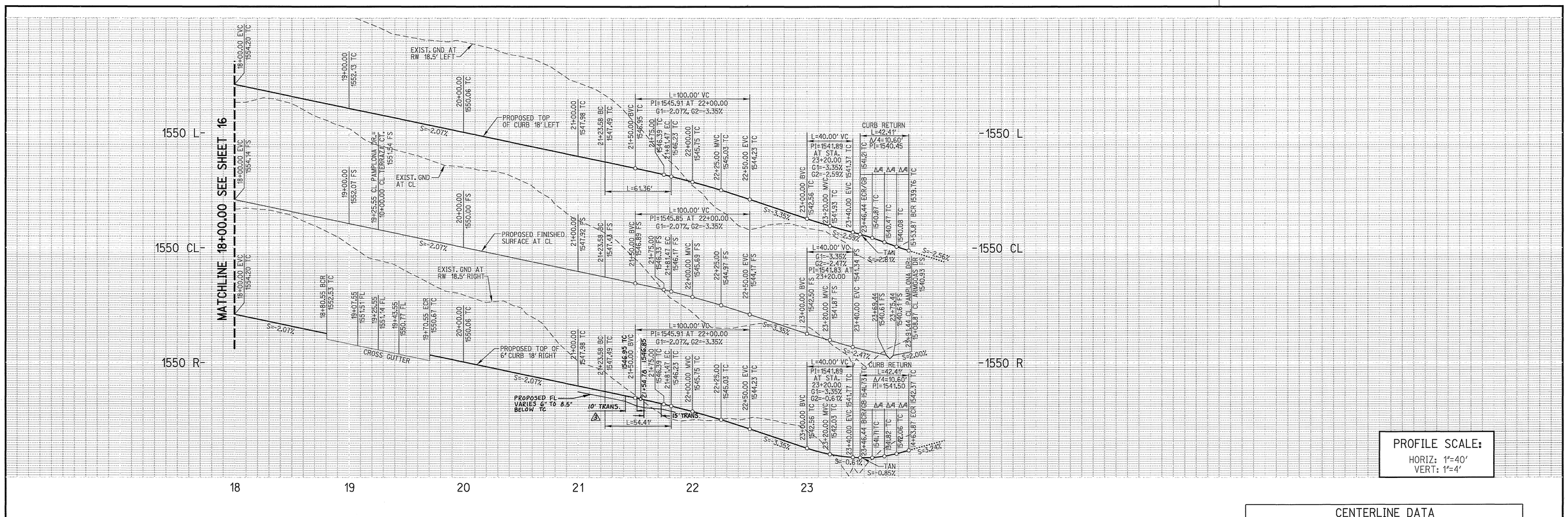
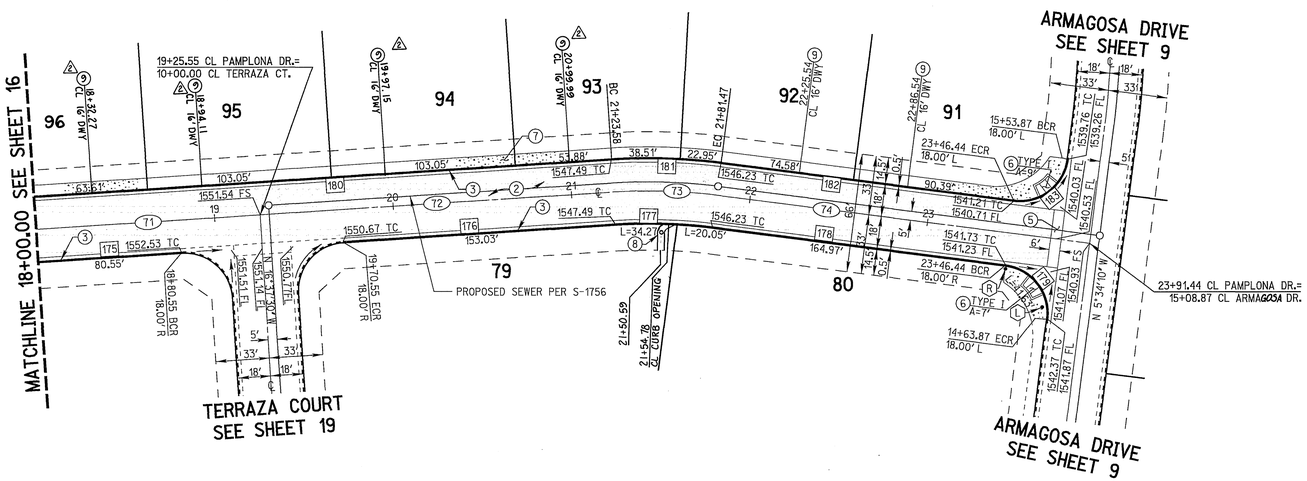
(R-4256-5)

G:\d_13707\707lmp16.dgn
INDEXED 9-4-02
PLOT DATE: 11-SEP-2001 JN 13707A



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



PAMPLONA DRIVE

CENTERLINE DATA				
NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
71	N 73°22'30" E		125.55'	
72	N 73°22'30" E		198.03'	
73	11°03'20"	300.00'	57.89'	29.03' (TAN)
74	N 84°25'50" E		209.97'	

CURB DATA				
NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
175	N 73°22'30" E		80.55'	
176	N 73°22'30" E		153.03'	
177	11°03'20"	282.00'	54.41'	27.29' (TAN)
178	N 84°25'50" E		164.97'	
179	90°00'00"	27.00'	42.41'	27.00' (TAN)
180	N 73°22'30" E		323.58'	
181	11°03'20"	318.00'	61.36'	30.78' (TAN)
182	N 84°25'50" E		164.97'	
183	90°00'00"	27.00'	42.41'	27.00' (TAN)

CONSTRUCTION NOTES

1. (2) PLACE 4" AC PAVEMENT OVER 4" CRUSHED AGGREGATE BASE, R= 31 PER S.R. 1580 WITH POST CONSTRUCTION CAP.
(3) CONSTRUCT 6" CURB AND GUTTER TYPE I PER CITY OF RIVERSIDE STD. DWG. NO. 200.
(5) CONSTRUCT CROSS GUTTER PER CITY OF RIVERSIDE OF STD. DWG. NO. 220.
(6) CONSTRUCT WHEELCHAIR RAMP PER CITY OF RIVERSIDE STD. DWG. NO. 304, TYPE PER PLAN.
(7) CONSTRUCT CURB SIDEWALK PER CITY OF RIVERSIDE STD. DWG. NO. 325
(8) CONSTRUCT CURB OUTLET PER CITY OF RIVERSIDE STD. DWG. NO. 410
(9) CONSTRUCT DRIVEWAY APPROACH, TYPE CURB I PER CITY OF RIVERSIDE STD. DWG. NO. 302

REGISTERED PROFESSIONAL ENGINEER MARTIN L. ANDERSON No. 51313 Exp. 6-30-06 CIVIL STATE OF CALIFORNIA
AS-BUILT 08/22/05

SCALE: 1" = 40'
40 0 40 80

CAUTION: EXACT LOCATION OF EXISTING UNDERGROUND FACILITIES IS UNKNOWN. CONTRACTOR TO VERIFY IN FIELD.

DIG ALERT
CALL BEFORE YOU DIG!
1-800-227-2600
UNDERGROUND SERVICE ALERT
Call at least 2 working days prior to excavating.

REGISTERED PROFESSIONAL ENGINEER EDWARD MICHEL RATICAN No. 46804 Exp. 6-30-03 CIVIL STATE OF CALIFORNIA

PREPARED UNDER THE DIRECTION OF Edward M. Ratican 9-11-01
EDWARD M. RATICAN
REGISTERED CIVIL ENGINEER NO. 46804
EXPIRATION DATE 6-30-03

RICK ENGINEERING COMPANY
San Diego Riverside Orange Phoenix Tucson
1223 University Ave., Ste. 240 • Riverside, CA 92507-3418 • (909)782-0707 • FAX (909)782-0723 • www.rickeng.com
CITY BUSINESS TAX CERTIFICATE NO. 35225 EXP. DATE 7/20/02
BENCH MARK
CITY OF RIVERSIDE BENCHMARK E8-A2, ELEVATION=1588.453' P.K. NAIL AND TAG IN TOP OF 35X50X20 FOOT GRANITE BOULDER, 100 FEET WESTERLY OF TRAUTWEIN ROAD AND 500 FEET NORTHERLY OF JESSE LANE.

MARK	REVISIONS	APPR	DATE
1	ADDED PAVE SECTION DATA PER S.R. 1580		1/16/02
2	ADDED DRIVEWAY STATION FOR LOTS 93-96		
3	REVISED PROFILE TO SHOW FLOWLINE TRANSITION AT CURB OUTLET		

DESIGNED BY MLA DRAWN BY MLAG CHECKED BY EMR

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER		9/14/01
PARK DEPARTMENT		10/16/01
TRAFFIC DIVISION		9/27/01
DEPUTY P.W. DIRECTOR		
STREET SERVICES		10/16/01

APPROVED BY Thm Boyd
DIRECTOR OF PUBLIC WORKS
DATE 10/3/01

STREET IMPROVEMENT PLANS
TRACT 29242
PAMPLONA DRIVE
18+00.00 TO 23+91.44
SCALE HORIZ: 1"=40' VERT: 1"=4'

PROJECT NO. R-3626
SHEET 17 OF 20
FILE NO.

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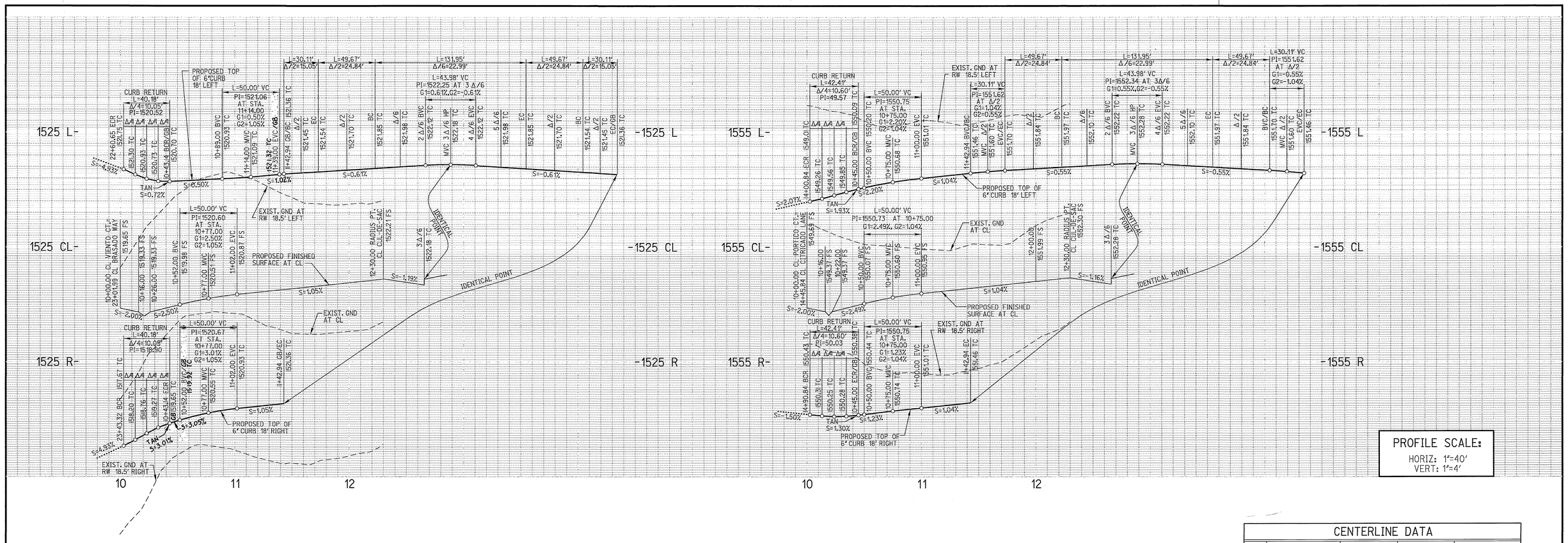
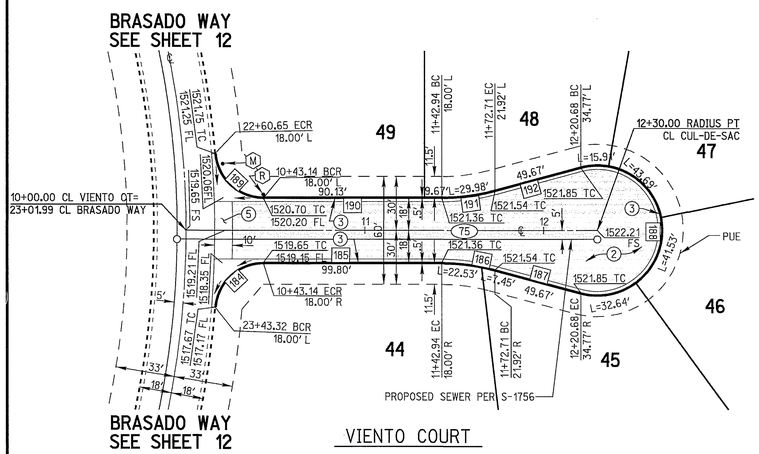
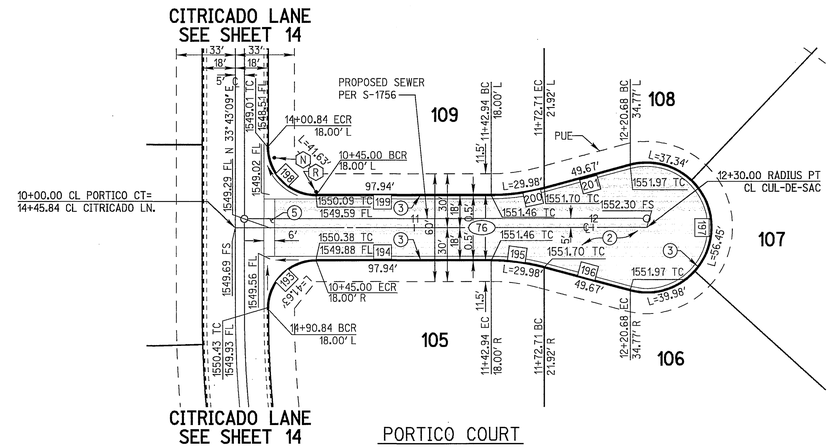
INDEXED 9-4-02 GH

G:\d_13707\707imp17.dgn PLOT DATE: 11-SEP-2001 JN 13707A







CENTERLINE DATA

NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
75	N 84°37'30" W		230.00'	
76	N 56°16'51" W		230.00'	

CURB DATA

NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
184	85°15'49"	27.00'	40.18'	24.86' (TAN)
185	N 84°37'30" W		99.80'	
186	14°59'58"	115.00'	30.11'	15.14' (TAN)
187	N 69°37'32" W		49.67'	
188	209°59'56"	36.00'	131.95'	
189	85°15'50"	27.00'	40.18'	24.86' (TAN)
190	N 84°37'30" W		99.80'	
191	14°59'58"	115.00'	30.11'	15.14' (TAN)
192	N 80°22'32" E		49.67'	
193	90°00'00"	27.00'	42.41'	27.00' (TAN)
194	N 56°16'51" W		97.94'	
195	14°59'58"	115.00'	30.11'	15.14' (TAN)
196	N 41°16'53" W		49.67'	
197	209°59'56"	36.00'	131.95'	
198	90°00'00"	27.00'	42.41'	27.00' (TAN)
199	N 56°16'51" W		97.94'	
200	14°59'58"	115.00'	30.11'	15.14' (TAN)
201	N 71°16'49" W		49.67'	

1 PAVING SECTIONS PER S.R.1580 WITH POST-CONSTRUCTION CAP

STATION	PAVING SECTION	R-VALUE
VIENITO CT		
PORTICO CT	4" AC OVER 4" CAB	50

CONSTRUCTION NOTES

1 (2) PLACE * AC PAVEMENT OVER * CRUSHED AGGREGATE BASE, R= * PER S.R=1580
* SEE CHART AT LEFT
(3) CONSTRUCT 6" CURB AND GUTTER TYPE I PER CITY OF RIVERSIDE STD. DWG. NO. 200
(5) CONSTRUCT CROSS GUTTER PER CITY OF RIVERSIDE OF STD. DWG. NO. 220
(10) CONSTRUCT DRIVEWAY APPROACH, TYPE CURB II PER CITY OF RIVERSIDE STD. DWG. NO. 302

REGISTERED PROFESSIONAL ENGINEER MARTEN L. ANDERSON No. 51313 Exp. 6-30-06 CIVIL STATE OF CALIFORNIA

AS-BUILT 08/22/05

SCALE: 1" = 40'
40 0 40 80

CAUTION:
EXACT LOCATION OF EXISTING UNDERGROUND FACILITIES IS UNKNOWN. CONTRACTOR TO VERIFY IN FIELD.

DIG ALERT
CALL BEFORE YOU DIG!
1-800-227-2600
UNDERGROUND SERVICE ALERT
Call at least 2 working days prior to excavating.

REGISTERED PROFESSIONAL ENGINEER EDWARD MICHEL RATICAN No. 46804 Exp. 6-30-03 CIVIL STATE OF CALIFORNIA

PREPARED UNDER THE DIRECTION OF
EDWARD M. RATICAN 9-11-01
REGISTERED CIVIL ENGINEER NO. 46804
EXPIRATION DATE 6-30-03

RICK ENGINEERING COMPANY
San Diego Riverside Orange Phoenix Tucson
1233 University Ave., Ste. 240 • Riverside, CA 92507-3418 • (909)782-0707 • FAX (909)782-0723 • www.rickeng.com
CITY BUSINESS TAX CERTIFICATE NO. 35225 EXP. DATE 7/20/02

BENCH MARK
CITY OF RIVERSIDE BENCHMARK E8-A2, ELEVATION=1588.453' P.K. NAIL AND TAG IN TOP OF 35X50X20 FOOT GRANITE BOULDER, 100 FEET WESTERLY OF TRAUTWEIN ROAD AND 500 FEET NORTHERLY OF JESSE LANE.

MARK	REVISIONS	APPR	DATE
1	ADDED PAVE SECTION DATA PER S.R.1580		

DESIGNED BY MLA DRAWN BY MLAG CHECKED BY EMR

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER		
PARK DEPARTMENT		
TRAFFIC DIVISION		
DEPUTY P.W. DIRECTOR		
STREET SERVICES		

APPROVED BY
DIRECTOR OF PUBLIC WORKS
DATE 10/31/01

STREET IMPROVEMENT PLAN
TRACT 29242
VIENTO CT.
10+00.00 TO 12+30.00
PORTICO CT.
10+00.00 TO 12+30.00

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

PROJECT NO. R-3626
SHEET 18 OF 20
FILE NO.

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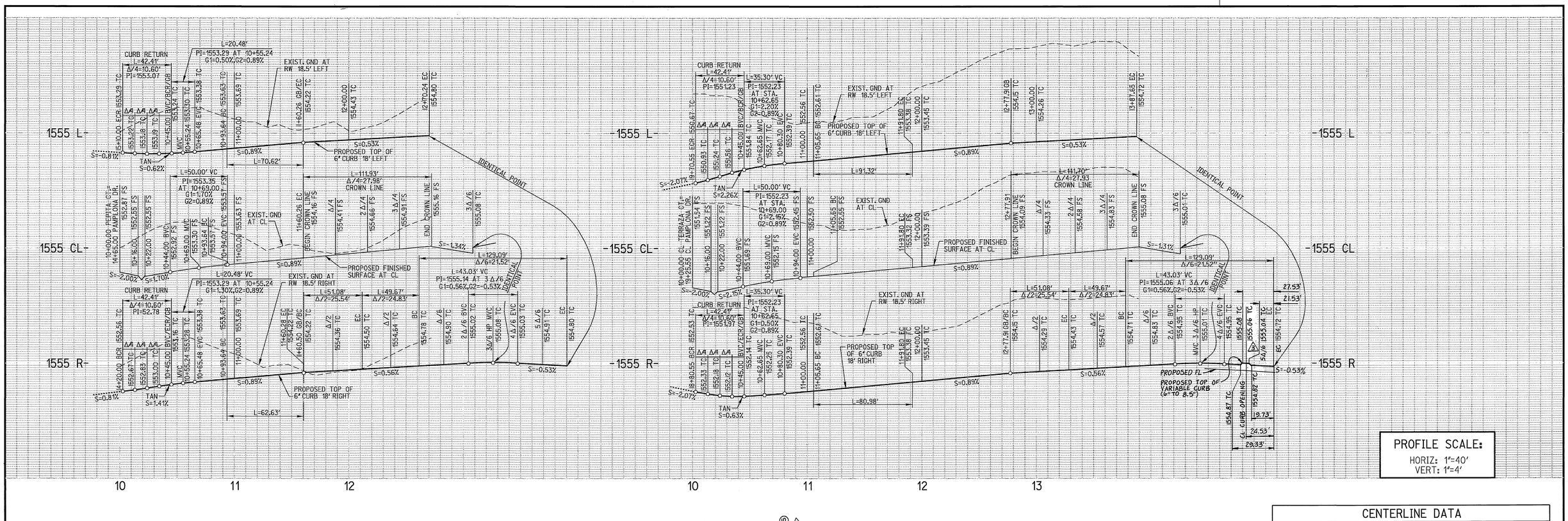
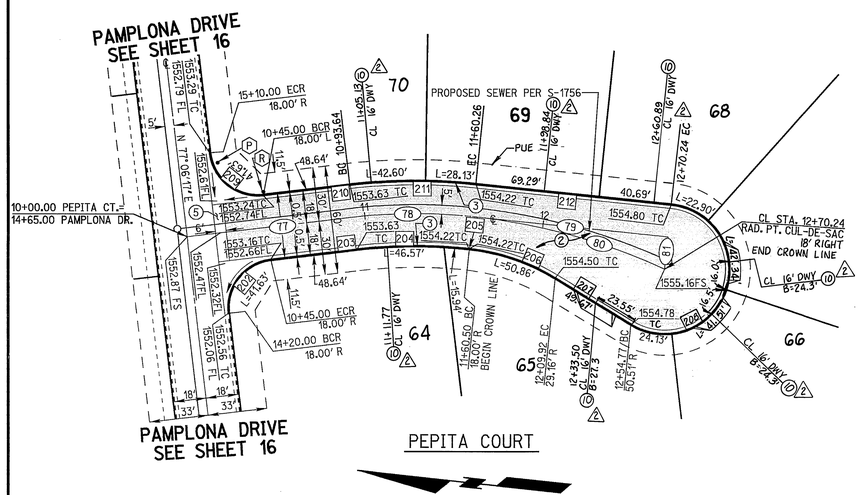
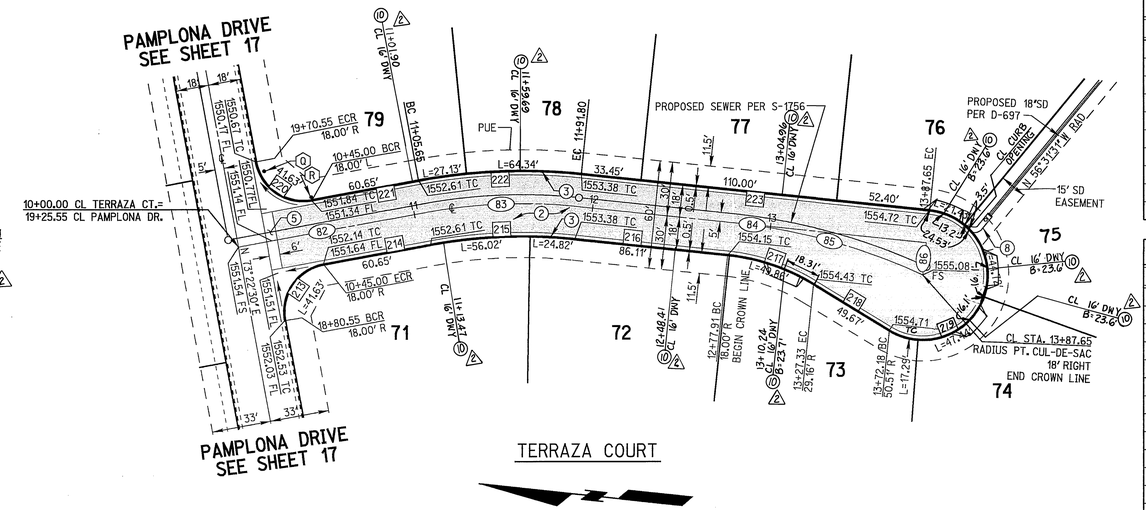
INDEXED 9-4-02 GH

G:\d_13707\707imp18.dgn PLOT DATE: 11-SEP-2001 JN 13707A



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





CENTERLINE DATA

NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
77	N 12°53'43" W		93.64'	
78	12°43'27"	300.00'	66.62'	33.45' (TAN)
79	N 0°10'17" W		109.98'	
80	18°35'26"	344.96'	111.93'	56.46'(TAN)CROWN
81	N 89°49'43" E		18.00'	OFFSET
82	N 16°37'30" W		105.65'	
83	16°27'15"	300.00'	86.15'	43.38' (TAN)
84	N 0°10'15" W		195.85'	
85	18°37'47"	343.53'	111.70'	56.35'(TAN)CROWN
86	N 89°49'45" E		18.00'	OFFSET

CURB DATA

NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
202	90°00'00"	27.00'	42.41'	27.00' (TAN)
203	N 12°53'43" W		48.64'	
204	12°43'27"	282.00'	62.63'	31.44' (TAN)
205	N 0°10'17" W		0.23'	
206	25°27'05"	115.00'	51.08'	25.97' (TAN)
207	N 25°16'49" E		49.67'	
208	205°27'05"	36.00'	129.09'	
209	90°00'00"	27.00'	42.41'	27.00' (TAN)
210	N 12°53'43" W		48.64'	
211	12°43'27"	318.00'	70.62'	35.46' (TAN)
212	N 0°10'17" W		109.98'	
213	90°00'00"	27.00'	42.41'	27.00' (TAN)
214	N 16°37'30" W		60.65'	
215	16°27'15"	282.00'	80.98'	40.77' (TAN)
216	N 0°10'15" W		86.11'	
217	25°27'05"	115.00'	51.08'	25.97' (TAN)
218	N 25°16'50" E		49.67'	
219	205°27'05"	36.00'	129.09'	
220	90°00'00"	27.00'	42.41'	27.00' (TAN)
221	N 16°37'30" W		60.65'	
222	16°27'15"	318.00'	91.32'	45.98' (TAN)
223	N 0°10'15" W		195.85'	

CONSTRUCTION NOTES

1 ② PLACE * PAVEMENT OVER * CRUSHED AGGREGATE BASE, R= * PER S.R. 1580
* SEE CHART AT RIGHT
③ CONSTRUCT 6" CURB AND GUTTER TYPE I PER CITY OF RIVERSIDE STD. DWG. NO. 200
⑤ CONSTRUCT CROSS GUTTER PER CITY OF RIVERSIDE OF STD. DWG. NO. 220
⑧ CONSTRUCT CURB OUTLET PER CITY OF RIVERSIDE STD. DWG. NO. 410
⑩ CONSTRUCT DRIVEWAY APPROACH, TYPE CURB II PER CITY OF RIVERSIDE STD. DWG. NO. 302

1 PAVING SECTIONS PER S.R. 1580 WITH POST-CONSTRUCTION CAP

STREET / STATION	PAVING SECTION	R-VALUE
PEPITA CT.	4"AC OVER 4½"CAB	22
TERRAZA CT.	4"AC OVER 4"CAB	26

REGISTERED PROFESSIONAL ENGINEER MARTIN L. ANDERSON No. 51313 Exp. 6-30-06 CIVIL STATE OF CALIFORNIA

AS-BUILT 08/22/05

SCALE: 1' = 40'
40 0 40 80

CAUTION: EXACT LOCATION OF EXISTING UNDERGROUND FACILITIES IS UNKNOWN. CONTRACTOR TO VERIFY IN FIELD.

DIG ALERT™
CALL BEFORE YOU DIG!
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Call at least 2 working days prior to excavating.

REGISTERED PROFESSIONAL ENGINEER EDWARD MICHEL RATICAN No. 46804 Exp. 6-30-03 CIVIL STATE OF CALIFORNIA

PREPARED UNDER THE DIRECTION OF Edward M. Ratican 9-11-01
EDWARD M. RATICAN
REGISTERED CIVIL ENGINEER NO. 46804
EXPIRATION DATE 6-30-03

RICK ENGINEERING COMPANY
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CITY BUSINESS TAX CERTIFICATE NO. 35225 EXP. DATE 7/20/02

BENCH MARK
CITY OF RIVERSIDE BENCHMARK E8-A2, ELEVATION=1588.453' P.K. NAIL AND TAG IN TOP OF 35X50X20 FOOT GRANITE BOULDER, 100 FEET WESTERLY OF TRAUTWEIN ROAD AND 500 FEET NORTHERLY OF JESSE LANE.

MARK	REVISIONS	APPR	DATE
1	ADDED PAVE. SECTION DATA PER S.R.1580		
2	ADDED DRIVEWAY STATION FOR LOTS 64-79		
3	REVISED CURB PROFILE FOR OUTLET TRANSITION		

DESIGNED BY MLA DRAWN BY MLAG CHECKED BY EMR

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER		9/14/01
PARK DEPARTMENT		9/14/01
TRAFFIC DIVISION		9/27/01
DEPUTY P.W. DIRECTOR		
STREET SERVICES		9/14/01

APPROVED BY
DIRECTOR OF PUBLIC WORKS
DATE 10/3/01

STREET IMPROVEMENT PLAN
TRACT 29242
PEPITA CT.
10+00.00 TO 12+70.24
TERRAZA CT.
10+00.00 TO 13+87.65
SCALE
HORIZ: 1"=40' VERT: 1"=4'

PROJECT NO. R-3626
SHEET 19 OF 20
FILE NO.

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(PC-4256-S)

INDEXED 9-4-02 LH

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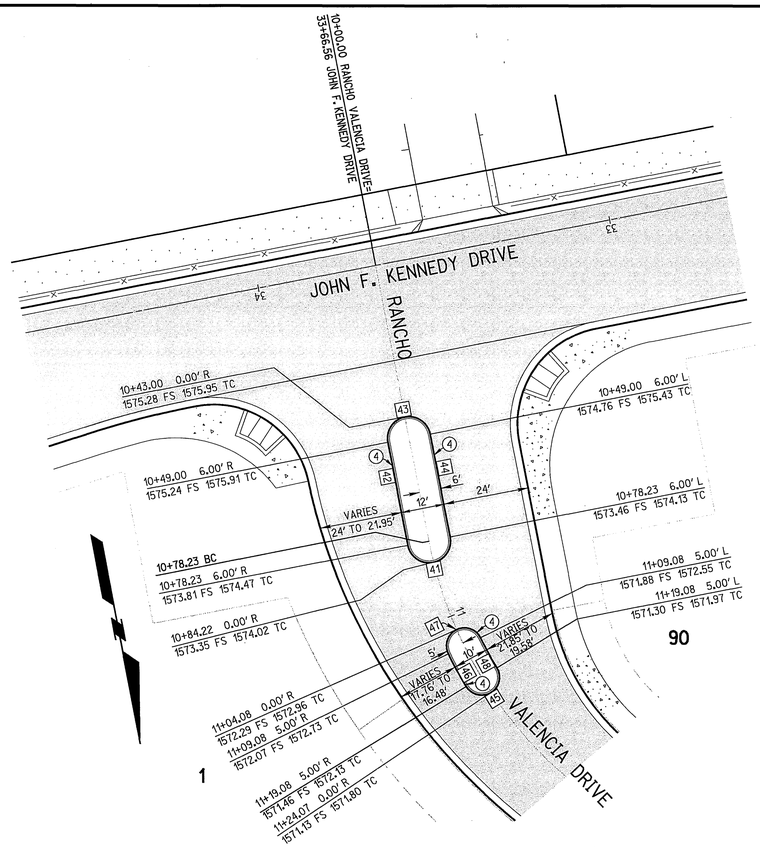
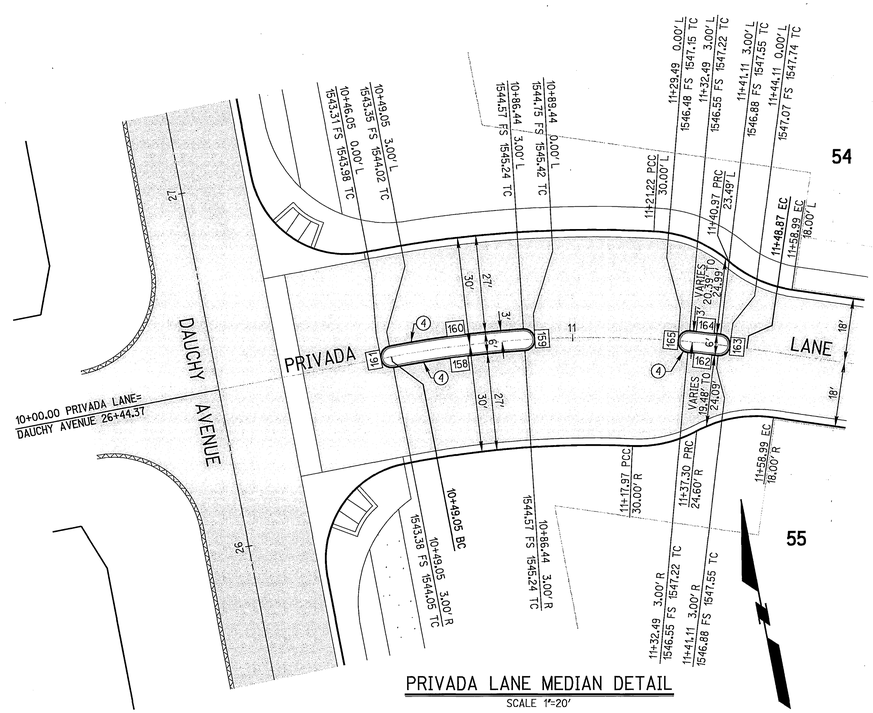


RANCHO VALENCIA DRIVE MEDIAN DETAIL

SCALE 1"=20'



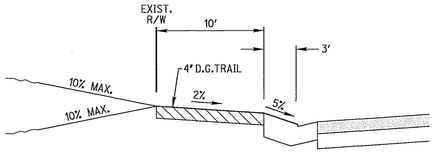
PRIVADA LANE MEDIAN DETAIL

SCALE 1"=20'

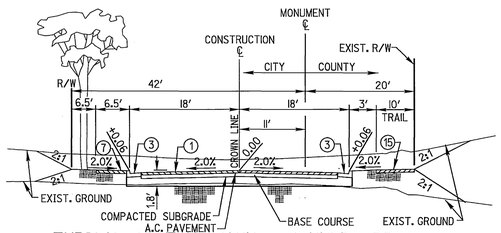
CURB DATA				
NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARK
41	179°55'52"	6.00'	18.84'	
42	N 0°10'15" W		29.23'	
43	180°00'00"	6.00'	18.85'	
44	N 0°10'15" W		29.23'	
45	180°00'00"	5.00'	15.71'	
46	4°58'56"	120.00'	10.43'	5.22' (TAN)
47	180°00'00"	5.00'	15.71'	
48	4°58'56"	110.00'	9.57'	4.79' (TAN)
158	7°08'22"	297.00'	37.01'	18.53' (TAN)
159	180°00'00"	3.00'	9.42'	
160	7°08'22"	303.00'	37.76'	18.90' (TAN)
161	180°00'00"	3.00'	9.42'	
162	1°38'44"	297.00'	8.53'	4.27' (TAN)
163	180°00'00"	3.00'	9.42'	
164	1°38'44"	303.00'	8.70'	4.35' (TAN)
165	180°00'00"	3.00'	9.42'	

CONSTRUCTION NOTES

(4) CONSTRUCT 8" CURB TYPE III PER CITY OF RIVERSIDE STD. DWG. NO. 200

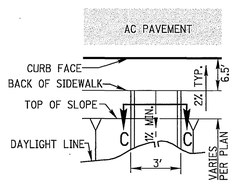


SECTION B-B

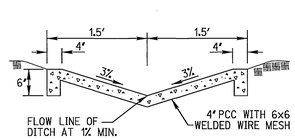


TYPICAL SECTION JOHN F. KENNEDY DRIVE

N.T.S.



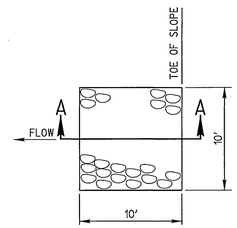
PLAN VIEW



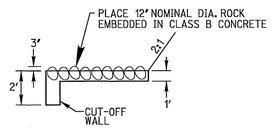
SECTION C-C

(22) EMERGENCY OVERFLOW LINED DITCH

N.T.S.



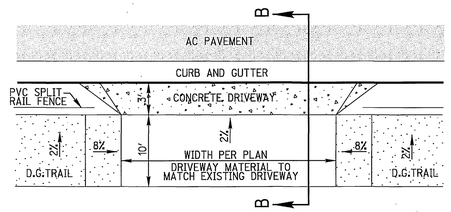
PLAN VIEW



SECTION A-A

(21) OVERSIDE DRAIN SPLASH PAD

N.T.S.



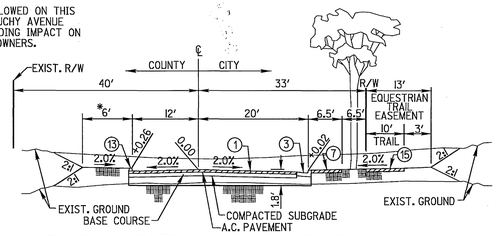
PLAN VIEW

MODIFIED DRIVEWAYS
ALONG JOHN F. KENNEDY DR.

(20)

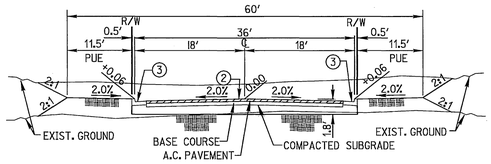
N.T.S.

* 6' SHOULDER ALLOWED ON THIS PORTION OF DAUCHY AVENUE TO REDUCE GRADING IMPACT ON FRONTING LANDOWNERS.



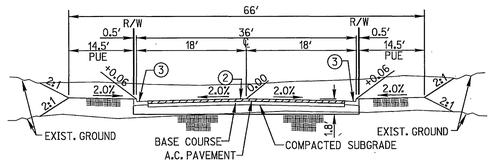
TYPICAL SECTION DAUCHY AVENUE

N.T.S.



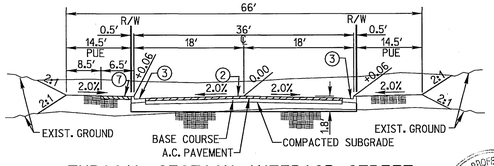
TYPICAL SECTION CUL-DE-SAC STREET

(PRIVATE) TI=5.0
PEPITA COURT, TERRAZA COURT, PORTICO COURT
VIENTO COURT, LAS VENTANAS WAY
ARMAGOSA DRIVE, CITRICADO LANE
N.T.S



TYPICAL SECTION INTERIOR STREET

(PRIVATE) TI=5.0
RANCHO VALENCIA DRIVE, ARMAGOSA DRIVE, PAMPLONA DRIVE,
BRASADO WAY, PRIVADA LANE, CITRICADO LANE
N.T.S



TYPICAL SECTION INTERIOR STREET
WITH SIDEWALKS

(PRIVATE) TI=5.0
RANCHO VALENCIA DRIVE, ARMAGOSA DRIVE,
PAMPLONA DRIVE, PRIVADA LANE, CITRICADO LANE
N.T.S

REGISTERED PROFESSIONAL ENGINEER MASTON L. ANDERSON No. 51313 Exp. 6-30-06 CIVIL STATE OF CALIFORNIA

AS-BUILT 08/22/05

MS3823 IP010012

SEAL

REGISTERED PROFESSIONAL ENGINEER KHALED A. OTMAN No. 33950 Exp. 6-30-02 CIVIL STATE OF CALIFORNIA

COUNTY OF RIVERSIDE
TRANSPORTATION DEPARTMENT
APPROVAL BY THE COUNTY TRANSPORTATION DEPT. IS FOR THE AREA WITHIN COUNTY ROAD R/W ONLY

COUNTY OF RIVERSIDE — DATE 6/4/02

DIG ALERT™
CALL BEFORE YOU DIG!
1-800-227-2600
UNDERGROUND SERVICE ALERT
Call at least 2 working days prior to excavating.

REGISTERED PROFESSIONAL ENGINEER EDWARD MICHEL RATICAN No. 46804 Exp. 6-30-03 CIVIL STATE OF CALIFORNIA

PREPARED UNDER THE DIRECTION OF
EDWARD M. RATICAN 9-11-01
REGISTERED CIVIL ENGINEER NO. 46804
EXPIRATION DATE 6-30-03

RICK ENGINEERING COMPANY
San Diego Riverside Orange Phoenix Tucson
1223 University Ave., Ste. 240 • Riverside, CA 92507-3418 • (909)782-0707 • FAX (909)782-0723 • www.rickeng.com
CITY BUSINESS TAX CERTIFICATE NO. 35225 EXP. DATE 7/20/02

BENCH MARK
CITY OF RIVERSIDE BENCHMARK E8-A2, ELEVATION=1588.453' P.K. NAIL AND TAG IN TOP OF 35X50X20 FOOT GRANITE BOULDER, 100 FEET WESTERLY OF TRAUTWEIN ROAD AND 500 FEET NORTHERLY OF JESSE LANE.

MARK	REVISIONS	APPR	DATE

DESIGNED BY MLA DRAWN BY MLAG CHECKED BY EMR

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER		9/6/01
PARK DEPARTMENT		9/6/01
TRAFFIC DIVISION		9/7/01
DEPUTY P.W. DIRECTOR		
STREET SERVICES		9/14/01

APPROVED BY
DIRECTOR OF PUBLIC WORKS
DATE 10/3/01

STREET IMPROVEMENT PLANS
TRACT NO. 29242
DETAIL SHEET
SCALE
HORIZ: SEE ABOVE VERT: N/A
PROJECT NO. R-3626
SHEET 20 OF 20
FILE NO.

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(PC-4256-5)

INDEXED 9-4-02 LH

G:\d_13707\707Imp20.dgn PLOT DATE: 11-SEP-2001 JN 13707A