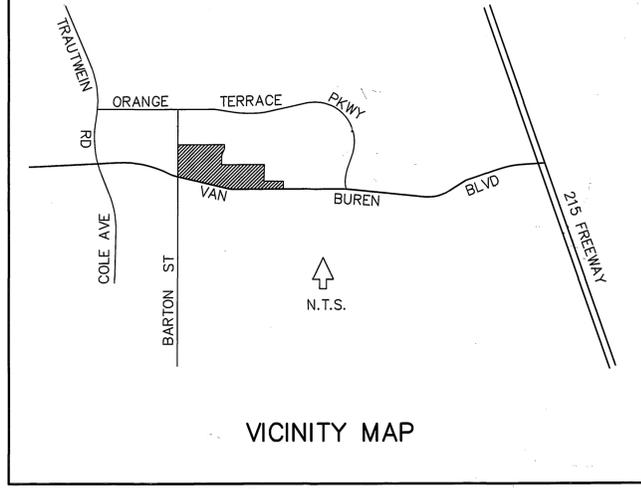
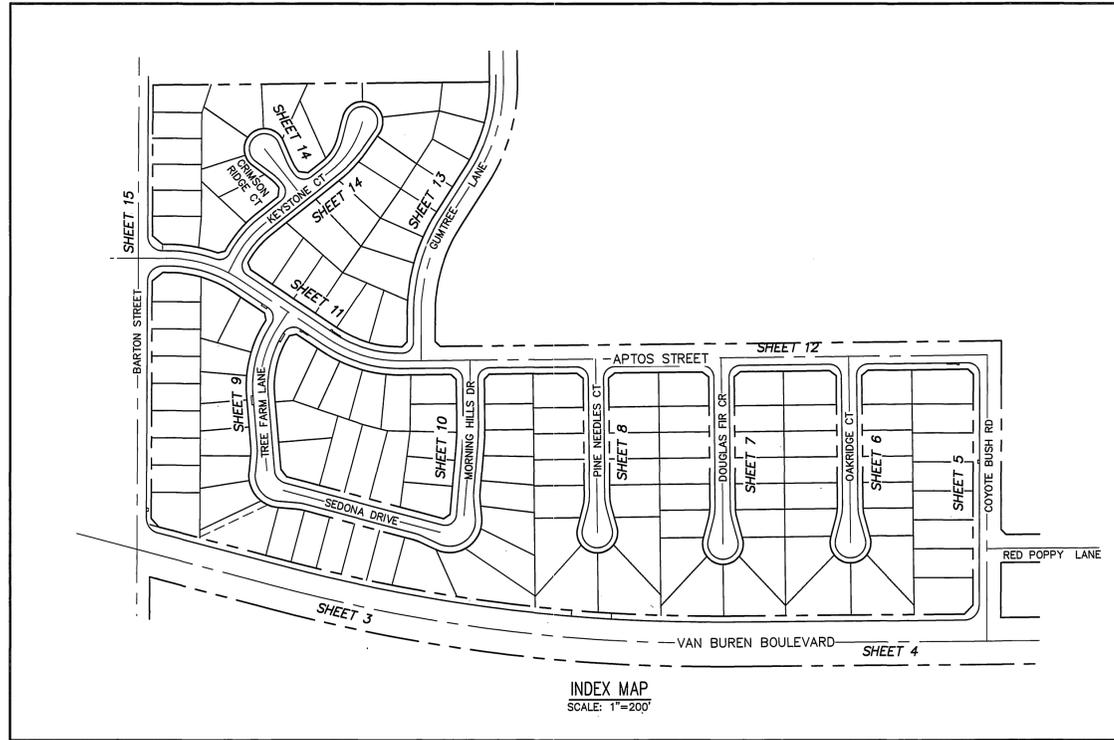


GENERAL NOTES

STREET IMPROVEMENT PLANS FOR TRACT 29362-1

- 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.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CLEAR THE RIGHT OF WAY IN ACCORDANCE WITH THE PROVISIONS OF LAW AS IT AFFECTS EACH UTILITY INCLUDING IRRIGATION LINES AND APPURTENANCES AND AT NO COST TO THE CITY.
- CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OR RIVERSIDE DEPARTMENT OF PUBLIC WORKS, STANDARD DRAWINGS, ITS SUPPLEMENTAL NOTES AND THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, CURRENT EDITION.
- 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.
- QUANTITIES SHOWN ARE FOR INFORMATION ONLY AND THE CITY OF RIVERSIDE IS NOT RESPONSIBLE FOR THEIR ACCURACY.
- 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.
- SEE CITY OF RIVERSIDE PUBLIC UTILITIES DRAWING U/LS-604715 FOR QUANTITY AND LOCATION OF REQUIRED STREET LIGHTS.
- ALL FLAGGED ELEVATIONS SHALL BE STAKED IN THE FIELD BY THE PRIVATE ENGINEER.
- 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.
- 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.
- 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 AC PAVING SHALL BE DETERMINED BY THE CITY OF RIVERSIDE DESIGN STANDARDS AND TEST PROCEDURES.
- THE DEVELOPER AND/OR CONTRACTOR SHALL CONTACT THE STREET DIVISION (351-6127) TO PICK UP ANY EXISTING STD. 180 BARRICADES THAT ARE BEING REMOVED. THE CITY'S INSPECTOR WILL MAKE THE FINAL DETERMINATION ON WHETHER A BARRICADE CAN BE RELOCATED.
- CONSTRUCT BLOCK WALL PER STANDARD PLAN NO 704. SURFACE TEXTURE AND CAP TO MATCH ADJACENT VAN BUREN BLVD REVERSE FRONTAGE WALL OF TRACT IMMEDIATELY TO THE WEST. THIS WALL REQUIRES A PERMIT AND INSPECTION FROM THE PUBLIC WORKS ENGINEERING DIVISION.
- 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.
- STREET OPENING PERMIT FOR CONSTRUCTION AND/OR MODIFICATION OF TRAFFIC SIGNAL FACILITIES IS REQUIRED.
- ALL TRAFFIC SIGNS SHALL BE INSTALLED PRIOR TO OPENING THE STREETS TO TRAFFIC.
- SEE TRAFFIC SIGNAL PLAN X-341A SHT 71A FOR TRAFFIC SIGNAL FACILITIES.
- 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.
- STREET IMPROVEMENT WORK THAT WILL CAUSE DAMAGE TO THE DETECTOR LOOP(S) SHALL NOT BE PERFORMED UNTIL TRAFFIC SIGNAL MAINTENANCE PERSONNEL HAVE BEEN NOTIFIED AND THE NECESSARY TIMING ADJUSTMENTS ARE MADE TO MAINTAIN SIGNAL OPERATION.
- FINAL STRIPING FOR TRAFFIC CONTROL AND/OR PAVEMENT MARKING TO BE THE RESPONSIBILITY OF THE DEVELOPER.
- 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 IDENTIFICATION NUMBER BY U.S.A.
- 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.
- THE CONTRACTOR SHALL COORDINATE TRENCHING FOR CABLE TELEVISION WITH OTHER TRENCHING WITHIN THE SUBDIVISION.



STREET TREE NOTES

- ALL RELATED WORK SHALL CONFORM TO THE CITY OF RIVERSIDE PARK AND RECREATION DEPARTMENT STANDARDS AND CITY OF RIVERSIDE STREET TREE POLICIES.
- WHEN CALLING FOR INSPECTIONS CONTACT THE STREET TREE INSPECTOR A MINIMUM OF 48 HOURS IN ADVANCE AT (909) 351-6126 FOR A FINAL ACCEPTANCE INSPECTION. A FIELD NOTICE WILL BE ISSUED AS WRITTEN APPROVAL FOR EACH STAGE OF INSPECTION. A VERBAL APPROVAL WILL NOT BE ACCEPTABLE. INSPECTIONS ARE REQUIRED:
 - AFTER COMPLETION OF FINAL GRADING OF THE LOTS AND WHEN ALL UTILITY SERVICES AND SEWER LATERAL HAVE BEEN MARKED, BUT PRIOR TO DIGGING PLANT PITS, ALL FINAL STREET TREE LOCATIONS ARE TO BE SPOTTED IN THE FIELD BY THE STREET TREE INSPECTOR.
 - WHILE DIGGING PLANT PITS AND PLANTING/RELOCATING TREES.
 - AFTER PLANTING AND ALL OTHER INDICATED OR SPECIFIED WORK HAS BEEN COMPLETED, FOR START OF MAINTENANCE.
 - AT END OF THE MAINTENANCE PERIOD, THE CONTRACTOR DEVELOPER SHALL CALL THE STREET TREE INSPECTOR AT (909) 351-6126 FOR A FINAL ACCEPTANCE INSPECTION IN ORDER TO BE RELEASED FROM MAINTENANCE. DEVELOPER BONDS WILL NOT BE RELEASED UNTIL AFTER RECEIPT OF WRITTEN NOTIFICATION FROM THE CITY THAT THE TREES PASS FINAL INSPECTION AND THE PARK AND RECREATION DEPARTMENT IS ASSUMING MAINTENANCE RESPONSIBILITIES.
- ALL STREET TREES ARE TO BE PLANTED PRIOR TO OCCUPANCY.
- THE DEVELOPER SHALL BE RESPONSIBLE TO ACCEPTABLY MAINTAIN ALL PLANTINGS FOR A MINIMUM PERIOD OF ONE (1) YEAR.
- STREET TREE PLANTING SHALL BE AS FOLLOWS:

STREET NAME	BOTANICAL NAME / COMMON NAME	MIN. SIZE	SPACING	QUANTITY
APTOS STREET	TIPLUNA TIPI/TIPI TREE	15 GAL	45' O.C.	59 EA
BARTON STREET	LIQUIDAMBAR STRYACIFLUA / AMERICAN SWEET GUM	15 GAL	45' O.C.	25 EA
COYOTE BUSH TRAIL	TIPLUNA TIPI/TIPI TREE	15 GAL	45' O.C.	13 EA
CRIMSON RIDGE COURT	PISTACIA CHINENSIS (MALE) / PISTACIA	15 GAL	45' O.C.	8 EA
DOUGLAS FIR COURT	QUERCUS DOUGLASSII / BLUE OAK	15 GAL	45' O.C.	20 EA
GUM TREE LANE	EUCALYPTUS TORQUATA / CORAL GUM	15 GAL	45' O.C.	18 EA
KEYSTONE COURT	PISTACIA CHINENSIS (MALE) / PISTACIA	15 GAL	45' O.C.	22 EA
MORNING HILLS DRIVE	GEIGERA PARVIFLORA / AUSTRALIAN WILLOW	15 GAL	45' O.C.	58 EA
OKRIDGE COURT	QUERCUS VIRGINIANA / SOUTHERN LIVE OAK	15 GAL	45' O.C.	20 EA
PINE NEEDLES COURT	PODOCARPUS GRACILIOR / FERN PINE	15 GAL	45' O.C.	16 EA
SEDONA COURT	GEIGERA PARVIFLORA / AUSTRALIAN WILLOW	15 GAL	45' O.C.	22 EA
TREE FARM LANE	GEIGERA PARVIFLORA / AUSTRALIAN WILLOW	15 GAL	45' O.C.	8 EA
VAN BUREN BLVD.	SEE REVERSE FRONTAGE LANDSCAPE PLANS #R-3560-1 AS PREPARED BY ALHAMBRA GROUP DATED 7-6-00			

NOTE: IN THE INTEREST OF PUBLIC SAFETY AND MAINTENANCE THE STREET TREE INSPECTOR SHALL HAVE THE AUTHORITY TO REVISE THE STREET TREE QUANTITIES AND LOCATIONS SHOWN ON APPROVED PLANS BASED UPON FIELD CONDITIONS FOUND AT THE TIME OF INSTALLATION OF THE TREES.

CONSTRUCTION NOTES AND ESTIMATED QUANTITIES^(a)

1	CONSTRUCT CURB AND GUTTER TYPE 1 PER STD DWG NO 200, 6" CF	13,273	LF
2	CONSTRUCT CROSS GUTTER PER STD DWG 220	5,760	SF
3	CONSTRUCT DRIVEWAY APPROACH PER STD DWG 302, TYPE CURB-1, A=28' B=35'	134	EA
4	CONSTRUCT WHEELCHAIR RAMP PER STD DWG 304, SEE PLAN FOR TYPE	28	EA
5	CONSTRUCT SIDEWALK PER STD DWG 325	53,910	SF
6	CONSTRUCT UNDERSIDEWALK DRAIN PER STD DWG 411	2	EA
7	CONSTRUCT STREET NAME SIGN PER STREET NAME SCHEDULE ON SHEET 2	12	EA
8	INSTALL RT STOP SIGN AND PAINT 12" SOLID WHITE LIMIT LINE AND 8 FT HIGH "STOP" LEGEND	7	EA
9	CONCRETE BLOCK WALL, SEE NOTE 13		
10	CONSTRUCT 3/4" AC PAVEMENT ON 4" BASE PER S.R. R=	103,375	SF
11	CONSTRUCT 1/2" AC PAVEMENT ON 4" BASE PER S.R. R=	30,400	SF
12	REMOVE 12" WIDE STRIP OF EXISTING AC PAVEMENT BY SAWCUTTING	600	LF
13	REMOVE EXISTING AC BERM	5,010	LF
14	REMOVE EXISTING AC PAVEMENT	1,800	SF
15	REMOVE 4" WIDE AC "V" GUTTER	2,100	LF
16	REMOVE 24" WIDE STRIP OF EXISTING AC PAVEMENT BY SAWCUTTING	5,010	LF
17	ADJUST GTE MANHOLE TO GRADE (BY OTHERS)	2	EA
18	RELOCATE STREET LIGHT PER STREET LIGHT PLAN	1	EA
19	RELOCATE TRAFFIC SIGNAL LIGHT PER PLAN X-341A SHEET 71A	1	EA
20	RELOCATE TRAFFIC SIGNAL INTERCONNECT. SEE NOTE ON SHEET 3	12	EA
21	REMOVE AND SALVAGE EXISTING SIGN. RELOCATE BEHIND CURB AT SAME STATION	10	EA
22	PROTECT POWER POLE (SOUTHERN CALIFORNIA EDISON)	6	EA
23	REMOVE CONCRETE DITCH WITHIN R/W	400	LF
24	CONSTRUCT SIDEWALK AROUND OBSTRUCTION PER DETAIL SHEET 2	8	EA
25	REMOVE AND SALVAGE SIGN. DEPOSIT AT CITY OF RIVERSIDE MAINTENANCE YARD	1	EA
26	INSTALL SIGN AS NOTED	1	EA

(a) STD DWG REFERS TO CITY OF RIVERSIDE STANDARD DRAWING

SEE PAVEMENT SECTIONS, SHEET 2

PRIVATE ENGINEER'S NOTICE TO CONTRACTOR

SAFETY RESPONSIBILITY

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

EXISTING UNDERGROUND STRUCTURES

The existence and location of any underground utilities or structures shown in these plans are obtained by a search of available records. To the best of our knowledge, there are no existing utilities except as shown on these plans. The contractor is required to take all precautionary measures to protect the utilities shown, and any other lines or structures not shown on these plans, and is responsible for the protection of, and any damage to these lines or structures. The contractor shall call DigAlert and have all utilities marked before digging.

THIELMANN ENGINEERS

AS BUILT

INFORMATION OBTAINED FROM

Owner Records / Engineers Records

Contractors Records Date: 6-2-03

By: Jens Thielmann

REVIEWED BY: WESTERN MUNICIPAL WATER DISTRICT for Non-Interference Compliance
Sheet 1 through 16
Jeff Simpson
Civil Engineer
DATE: July 11, 2000

CHARTER COMMUNICATIONS

REVIEWED BY: [Signature]

DATE: 7-10-00

CITY OF RIVERSIDE PUBLIC UTIL. DEPT. ELECTRIC, OVERHEAD & UNDERGROUND

APPROVED BY: [Signature]

DATE: 7/10/00

SOUTHERN CALIFORNIA GAS COMPANY

REVIEWED BY: [Signature]

DATE: 7/10/00

BENCH MARK No. GPS-67 ELEV. 1757.219

LOCATION: 1 1/4" BRASS CAP IN A WELL MONUMENT, 5' DEEP IN THE CENTER OF BARTON ROAD, 230 FT SOUTHERLY OF THE INTERSECTION WITH VAN BUREN BLVD. 1991 ADJ



Thielmann Engineers

221 S GLASSELL ST
ORANGE, CA 92666
(714) 744-9700, FAX (714) 744-9312

CITY BUSINESS TAX CERTIFICATE NO. 75345 EXP DATE 5/12/01

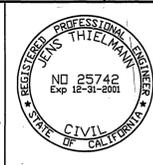
DATE	BY	MARK	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY
7-8-03	JT	▲	ADDED PAVEMENT SECTIONS, SHEET 2			
6-2-03	JT	▲	ADDED ACCESS RAMP, SHEETS 10 & 11			
	ENGINEER					
	DESIGNED BY					
	DRAWN BY					
	CHECKED BY					

PLANNING DEPARTMENT

REVIEWED FOR APPROVAL OF THE REVERSE FRONTAGE WALL ALONG VAN BUREN

REVIEWED BY: [Signature]

DATE: July 11, 2000



PREPARED BY: Jens Thielmann

R.C.E. No. 25742 EXP. DATE 12/31/01

CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT

APPROVED BY	DATE	BY
PRINCIPAL ENGINEER	7/10/00	[Signature]
PARK DEPARTMENT	7/10/00	[Signature]
TRAFFIC DIVISION	7/10/00	[Signature]
P.W. ENG'G MANAGER	7/10/00	[Signature]
STREET SERVICES	7/10/00	[Signature]

STREET IMPROVEMENT PLAN

TRACT 29362-1
STREET IMPROVEMENT PLANS

TITLE SHEET

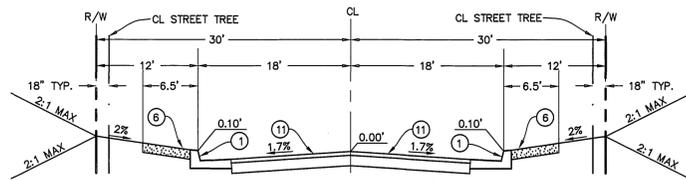
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R-3560

SHEET 1 OF 16

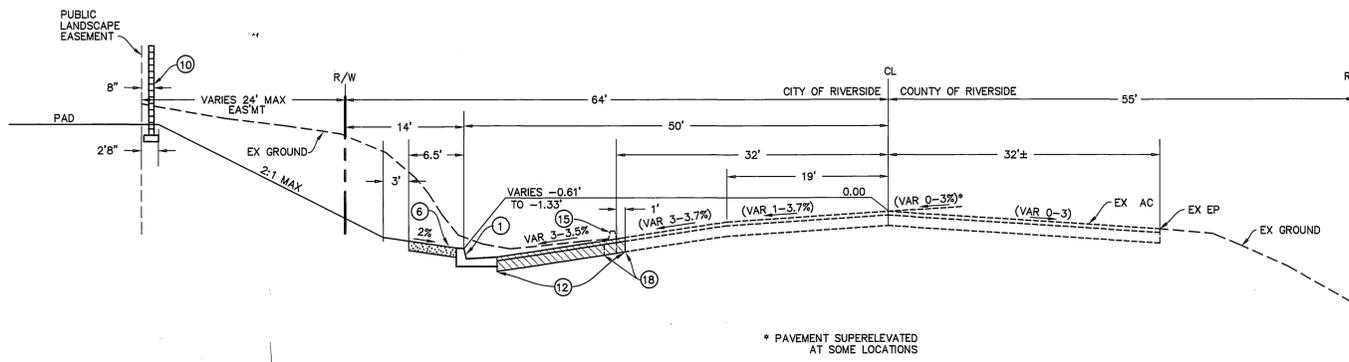
INDEXED 8-10-2000 LHI

PC 4228-5



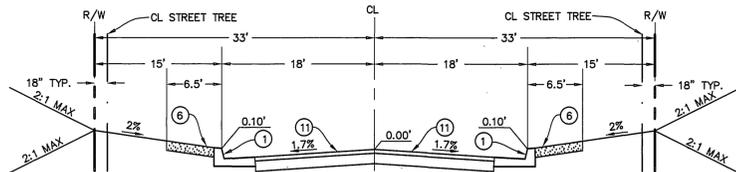
OAKRIDGE COURT, DOUGLAS FIR CIRCLE
 PINE NEEDLES COURT, KEYSTONE COURT
 CRIMSON RIDGE COURT

TYPICAL SECTION
 T.I.=5.0
 NO SCALE



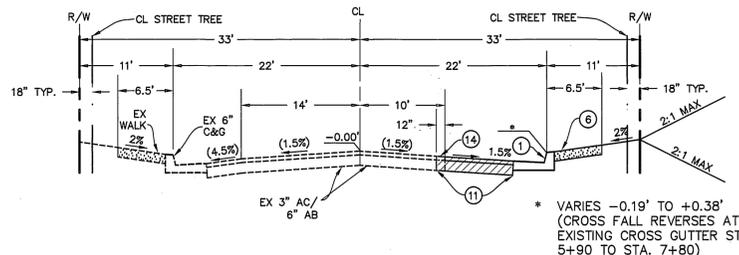
VAN BUREN BLVD TYPICAL SECTION
 T.I.=10.5
 NO SCALE

* PAVEMENT SUPERELEVATED AT SOME LOCATIONS



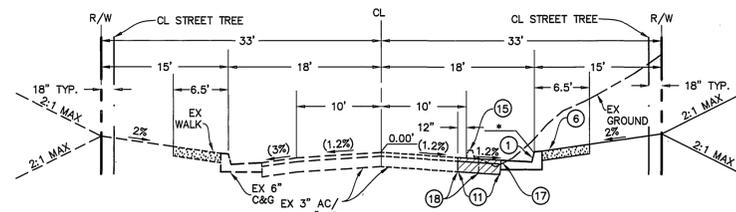
TREE FARM LANE, T.I.=5.0
 SEDONA DRIVE, MORNING HILLS DRIVE T.I.=5.0
 APTOS STREET * T.I.=6.0

TYPICAL SECTION
 NO SCALE
 * WESTERLY OF GUMTREE LANE



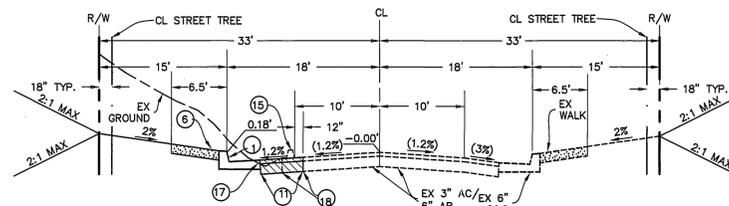
BARTON STREET TYPICAL SECTION
 T.I.=6.0
 NO SCALE

* VARIES -0.19' TO +0.38'
 (CROSS FALL REVERSES AT EXISTING CROSS GUTTER STA. 5+90 TO STA. 7+80)



APTOS ST AND GUMTREE LN
 TYPICAL SECTION
 T.I.=6.0
 NO SCALE

* VARIES FROM -0.08 TO +0.11 ON APTOS STREET
 VARIES FROM -0.01 TO +0.19 ON GUMTREE LANE

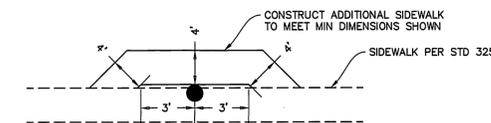


COYOTE BUSH RD
 TYPICAL SECTION
 T.I.=6.0
 NO SCALE

TRAFFIC AND STREET NAME SIGN SCHEDULE

STREET NAME SIGN SCHEDULE	BLOCK NUMBERS
(A) APTOS STREET	20000
KEYSTONE COURT	8800
(B) CRIMSON RIDGE COURT	20000
KEYSTONE COURT	8800
(C) APTOS STREET	20000
TREE FARM LANE	8900
(D) SEDONA DRIVE	20100
TREE FARM LANE	8900
(E) MORNING HILLS DRIVE	8900
SEDONA DRIVE	20100
(F) GUMTREE LANE	8800
APTOS STREET	20100
(G) MORNING HILLS DRIVE	8900
APTOS STREET	20200
(H) PINE NEEDLES COURT	8900
APTOS STREET	20200
(I) DOUGLAS FIR CIRCLE	8900
APTOS STREET	20300
(J) OAKRIDGE COURT	8900
APTOS STREET	20300
(K) VAN BUREN BOULEVARD	20300
COYOTE BUSH ROAD	8900
(L) APTOS STREET	20300
COYOTE BUSH ROAD	8900
(M) APTOS STREET	20000
BARTON STREET	8800

INSTALL SIGNS PER STD. 662, 662A & 666.
 SIGN ON VAN BUREN BOULEVARD SHALL BE PER 662A, ALL OTHER STREET NAME SIGNS SHALL BE PER 662.



SIDEWALK AROUND OBSTRUCTION DETAIL
 NO SCALE

PAVEMENT SECTIONS PER S.R. # 1607

STREET	T.I.	"R" VALUE	Asphalt conc. (ft.)	Ag. Base (ft.)
Barton St.	6.0	15'	3"	11 1/2"
Keystone Ct.	5.0	43'	3"	4"
Crimson Ridge Ct.	5.0	43'	3"	4"
Aptos St. (West of Morning Hills Dr.)	6.0	15'	3"	11 1/2"
Aptos St. (East of Morning Hills Dr.)	6.0	43'	3"	5 1/2"
Tree Farm Lane	5.0	15'	3"	8"
Sedona Dr.	5.0	15'	3"	8"
Morning Hills Dr.	5.0	15'	3"	8"
Gumtree Ln.	6.0	15'	3"	11 1/2"
Pine Needles Ct.	5.0	43'	3"	4"
Douglas Fir Cir.	5.0	43'	3"	4"
Oakridge Ct.	5.0	43'	3"	4"
Coyote Bush Rd.	6.0	43'	3"	5 1/2"
Van Buren Blvd.	10.5	15'	6"	22"



THIELMANN ENGINEERS

AS BUILT

INFORMATION OBTAINED FROM
 Owners Records, Engineering Records,
 Construction Records, Date 6-2-03
 By: *John Thielmann*

CHARTER COMMUNICATIONS
 REVIEWED BY: *John Thielmann* DATE 7-10-00

CITY OF RIVERSIDE PUBLIC UTIL. DEPT.
 ELECTRIC, OVERHEAD & UNDERGROUND
 APPROVED BY: *Scott Mainord* DATE 7-11-00

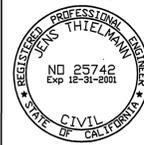
SOUTHERN CALIFORNIA GAS COMPANY
 REVIEWED BY: *Mark Ramo* DATE 7/10/00

BENCH MARK No. GPS-67 ELEV. 1757.219
 LOCATION: 1 1/4" BRASS CAP IN A WELL MONUMENT, 5" DEEP IN THE CENTER OF BARTON ROAD, 230 FT SOUTHERLY OF THE INTERSECTION WITH VAN BUREN BLVD. 1991 ADJ.

Thielmann Engineers

221 S GLASSSELL ST
 ORANGE, CA 92668
 (714) 744-9700, FAX (714) 744-9312

7-8-03	BY	ADDED PAVEMENT SECTIONS, SHEET 2	RJZ	8-1-03
DATE	BY	MARK	REVISIONS	APPR. DATE
ENGINEER	DESIGNED BY	JT	DRAWN BY	JS
CHECKED BY	GT			



PREPARED BY: *John Thielmann* DATE 7-7-00
 R.C.E. No. 25742 EXP. DATE 12/31/01

CITY OF RIVERSIDE
 PUBLIC WORKS DEPARTMENT

APPROVED BY: *R. McBratt*
 PRINCIPAL ENGINEER DATE 7/19/00
 PARK DEPARTMENT
 TRAFFIC DIVISION
 P.W. ENG'G MANAGER
 STREET SERVICES

APPROVED BY: *Mark Ramo*
 PUBLIC WORKS DIRECTOR
 DATE 7-19-2000

STREET IMPROVEMENT PLAN

TRACT 29362-1

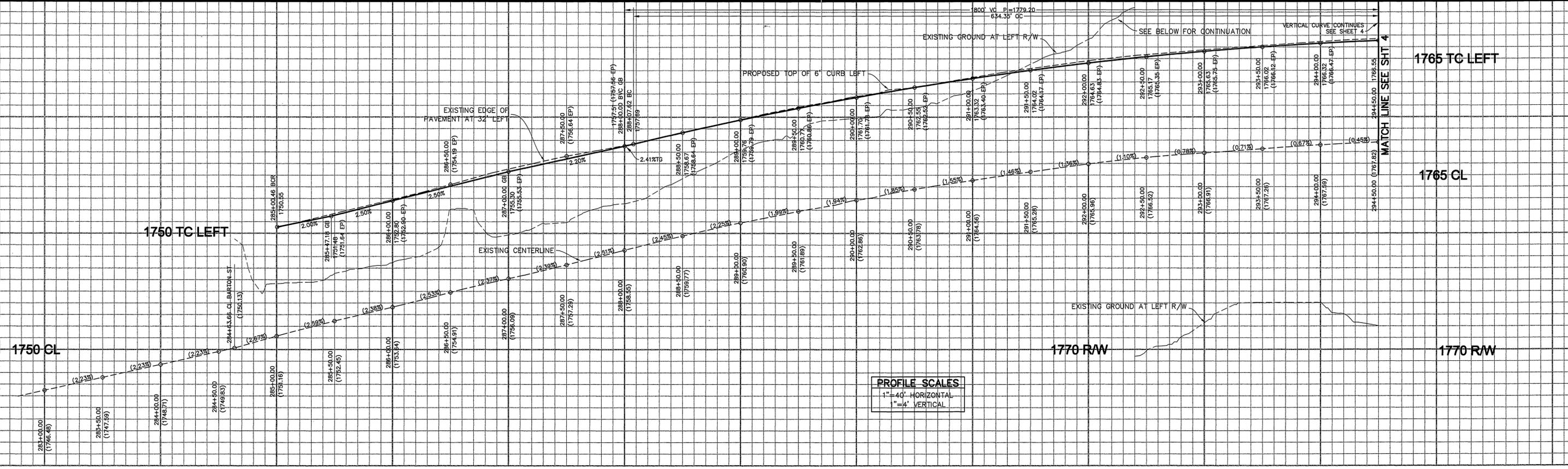
STREET IMPROVEMENT PLANS

TYPICAL SECTIONS

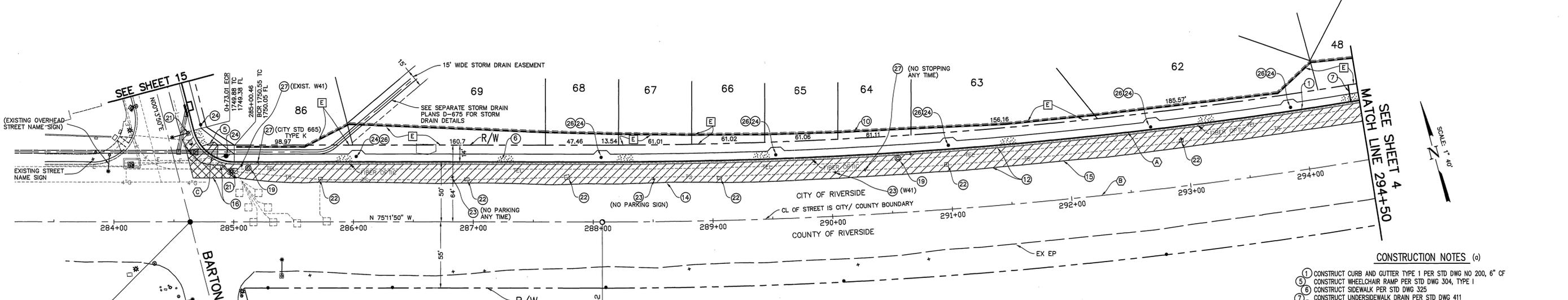
ACCOUNT NO

R-3560

SHEET 2 OF 16



283 284 285 286 287 288 289 290 291 292 293 294 295



CURVE DATA

NUMBER	DELTA ANGLE	TANGENT	RADIUS	ARC LENGTH
(A)	15°14'26"	538.47	3950.00	1050.70
(B)	15°14'26"	538.16	4000.00	1064.00
(C)	75°29'40"	27.06	35.00	46.08

EASEMENT NOTE
 [E] LANDSCAPE, SLOPE AND BLOCK WALL EASEMENT

TRAFFIC SIGNAL INTERCONNECT NOTE:
 THE EXISTING TRAFFIC SIGNAL INTERCONNECT LINE AND PULL BOXES SHALL BE RELOCATED TO 3' BEHIND NEW CURB FACE. NEW CONDUIT SHALL BE CONSTRUCTED. THE EXISTING WIRING SHALL BE REPLACED IN KIND OR RELOCATED AND MUST BE CONTINUOUS WITHOUT SPLICES BETWEEN ADJACENT TRAFFIC SIGNALS.



- CONSTRUCTION NOTES (a)**
- CONSTRUCT CURB AND GUTTER TYPE 1 PER STD DWG NO 200, 6" OF
 - CONSTRUCT WHEELCHAIR RAMP PER STD DWG 304, TYPE 1
 - CONSTRUCT SIDEWALK PER STD DWG 325
 - CONSTRUCT UNDERSIDEWALK DRAIN PER STD DWG 411
 - CONSTRUCT STREET NAME SIGN PER STREET NAME SCHEDULE SHEET 2
 - CONCRETE BLOCK WALL, SEE GENERAL NOTE 13, SHEET 1
 - CONSTRUCT "X" AC PAVEMENT ON " " BASE PER S.R. " " R=
 - REMOVE AC PAVEMENT
 - REMOVE AC PAVEMENT
 - REMOVE 24" WIDE STRIP OF EXISTING AC PAVEMENT BY SAWCUTTING
 - ADJUST GTE MANHOLE TO GRADE (BY OTHERS)
 - RELOCATE TRAFFIC SIGNAL LIGHT PER SEPARATE PLAN X-341A SHEET 71A
 - RELOCATE AND SALVAGE EXIST SIGN, RELOCATE BEHIND NEW CURB AT SAME STATION
 - PROTECT POWER POLE (SOUTHERN CALIFORNIA EDISON)
 - CONSTRUCT SIDEWALK AROUND OBSTRUCTION PER DETAIL SHEET 2
 - (a) STD DWG REFERS TO CITY OF RIVERSIDE STANDARD DRAWING
 - REMOVE AND SALVAGE SIGN, DEPOSIT AT CITY OF RIVERSIDE MAINTENANCE YARD
- * SEE PAVEMENT SECTIONS, SHEET 2

CHARTER COMMUNICATIONS
 REVIEWED BY: *Jan D. Full* DATE: 7-10-00

CITY OF RIVERSIDE PUBLIC UTIL. DEPT.
 ELECTRIC, OVERHEAD & UNDERGROUND
 APPROVED BY: *Burt Mainord* DATE: 7-11-00

SOUTHERN CALIFORNIA GAS COMPANY
 REVIEWED BY: *Stuart Canis* DATE: 7/10/00

BENCH MARK No. GPS-67 ELEV. 1757.219
 LOCATION: 1 1/4" BRASS CAP IN A WELL MONUMENT, 5" DEEP IN THE CENTER OF BARTON ROAD, 230 FT SOUTHERLY OF THE INTERSECTION WITH VAN BUREN BLVD. 1991 ADJ

Thielmann Engineers
 221 S GLASSSELL ST
 ORANGE, CA 92666
 (714) 744-9700, FAX (714) 744-9312

DATE	BY	MARK	ADDED PAVEMENT SECTIONS, SHEET 2	R/VZ	8-1-03
7-8-03	JT				



PREPARED BY: *Jens Thielmann* DATE: 7-7-00
 R.C.E. No. 25742 EXP. DATE 12/31/01

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

APPROVED BY: *R. M. Grath* DATE: 7-19-2000
 PUBLIC WORKS DIRECTOR

STREET IMPROVEMENT PLAN

TRACT 29362-1
PLAN AND PROFILE

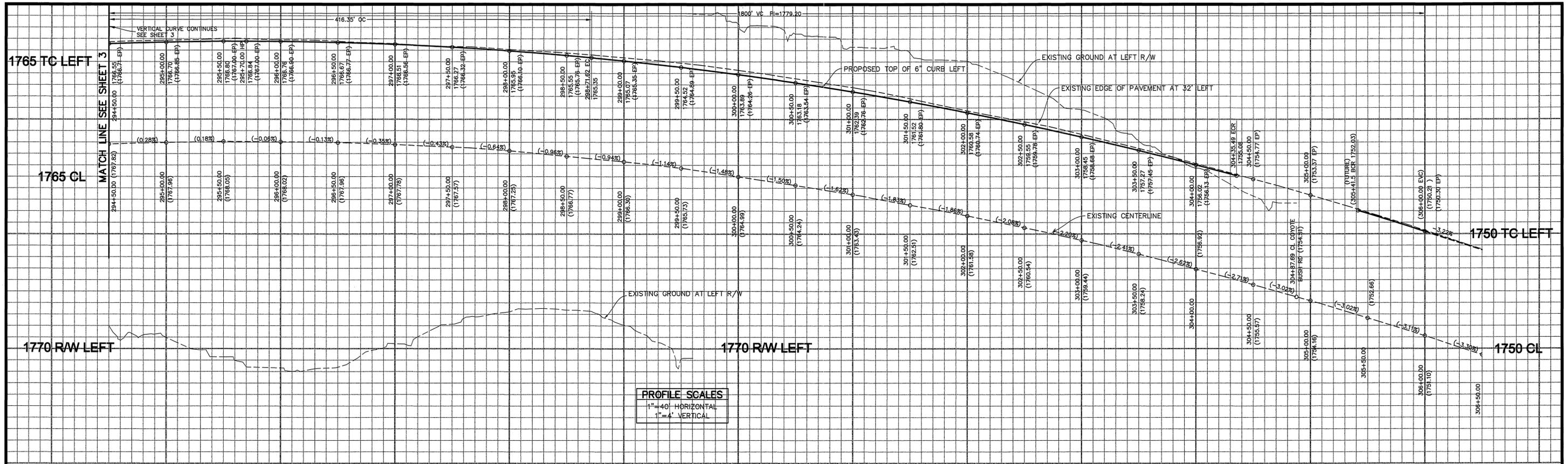
STA 284+00 TO 294+50
VAN BUREN BOULEVARD

HORIZONTAL SCALE: 1"=40' VERTICAL SCALE: 1"=4'

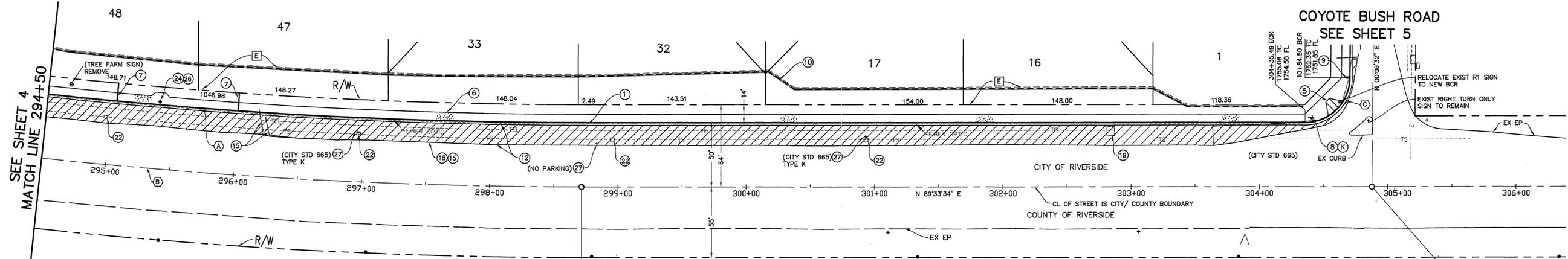
ACCOUNT NO

R-3560

SHEET 3 OF 16



294 295 296 297 298 299 300 301 302 303 304 305 306



VAN BUREN BOULEVARD

CURVE DATA

NUMBER	DELTA ANGLE	TANGENT	RADIUS	ARC LENGTH
(A)	15°14'26"	528.47	3950.00	1050.70
(B)	15°14'26"	535.16	4000.00	1064.00
(C)	89°27'12"	34.67	35.00	54.64



- CONSTRUCTION NOTES (a)**
- CONSTRUCT CURB AND GUTTER TYPE 1 PER STD DWG NO 200, 6" CF
 - CONSTRUCT WHEELCHAIR RAMP PER STD DWG 304, TYPE 1
 - CONSTRUCT SIDEWALK PER STD DWG 325
 - CONSTRUCT UNDERSIDEWALK DRAIN PER STD DWG 411
 - CONSTRUCT STREET NAME SIGN PER STREET NAME SCHEDULE SHEET 2
 - INSTALL R1 (36") STOP SIGN AND PAINT 12" SOLID WHITE LIMIT LINE AND 8" HIGH "STOP" LEGEND
 - CONCRETE BLOCK WALL, SEE GENERAL NOTE 13, SHEET 1
 - CONSTRUCT 2" AC PAVEMENT ON "A" BASE PER S.R. R=
 - REMOVE AC BERM
 - REMOVE AC PAVEMENT
 - REMOVE 24" WIDE STRIP OF EXISTING AC PAVEMENT BY SAWCUTTING
 - RELOCATE TRAFFIC SIGNAL INTERCONNECT. SEE NOTE ON SHEET 3
 - REMOVE AND SALVAGE EXIST SIGN, RELOCATE BEHIND CURB AT SAME STATION
 - PROTECT POWER POLE (SOUTHERN CALIFORNIA EDISON)
 - CONSTRUCT SIDEWALK AROUND OBSTRUCTION PER DETAIL SHEET 2
 - REMOVE AND SALVAGE SIGN. DEPOSIT AT CITY OF RIVERSIDE MAINTENANCE YARD

EASEMENT NOTE
 (E) LANDSCAPE, SLOPE AND BLOCK WALL EASEMENT

(a) STD DWG REFERS TO CITY OF RIVERSIDE STANDARD DRAWING
 * SEE PAVEMENT SECTIONS, SHEET 2

CHARTER COMMUNICATIONS <i>[Signature]</i> REVIEWED BY: DATE 7-10-00	CITY OF RIVERSIDE PUBLIC UTIL. DEPT. ELECTRIC, OVERHEAD & UNDERGROUND <i>[Signature]</i> APPROVED BY: DATE 7-11-00	SOUTHERN CALIFORNIA GAS COMPANY <i>[Signature]</i> REVIEWED BY: DATE 7/10/00	BENCH MARK No. GPS-67 ELEV. 1757.219 LOCATION: 1 1/4" BRASS CAP IN A WELL MONUMENT, 5" DEEP IN THE CENTER OF BARTON ROAD, 230 FT SOUTHERLY OF THE INTERSECTION WITH VAN BUREN BLVD. 1991 ADJ
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Thielmann Engineers
 221 S GLASSSELL ST
 ORANGE, CA 92666
 (714) 744-9700, FAX (714) 744-9312

7-8-03	JT	ADDED PAVEMENT SECTIONS, SHEET 2	RJZ	8-1-03
DATE	BY	MARK	APPR.	DATE
DESIGNED BY JT		DRAWN BY JS		CHECKED BY GT



PREPARED BY DATE 7-7-00
[Signature]
 JENS THIELMANN
 R.C.E. No. 25742 EXP. DATE 12/31/01

CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT

APPROVED BY	DATE	BY
PRINCIPAL ENGINEER	7/19/00	[Signature]
PARK DEPARTMENT	8/2/00	[Signature]
TRAFFIC DIVISION	7/13/00	[Signature]
P.W. ENG'G MANAGER	7/13/00	[Signature]
STREET SERVICES	7/10/00	[Signature]

APPROVED BY: R. Mc Grath
 PUBLIC WORKS DIRECTOR
 DATE 7-19-2000

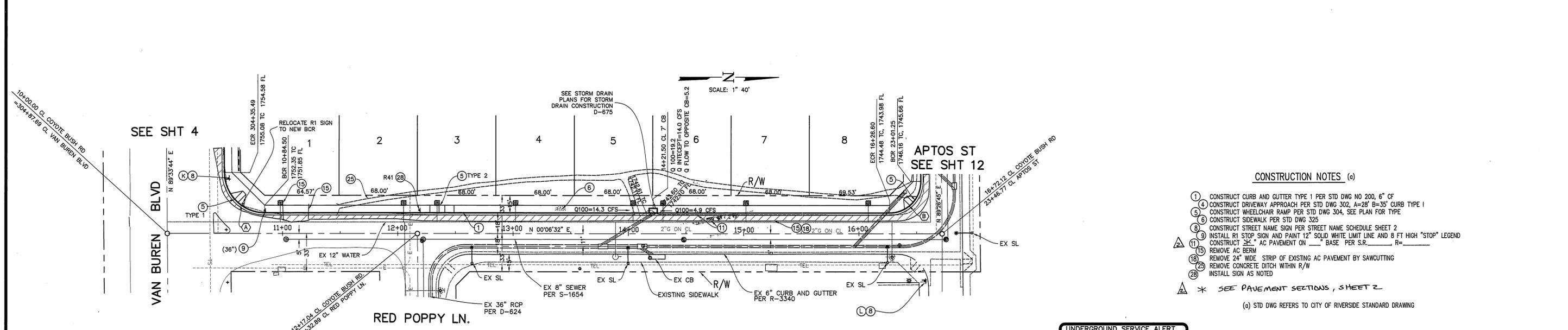
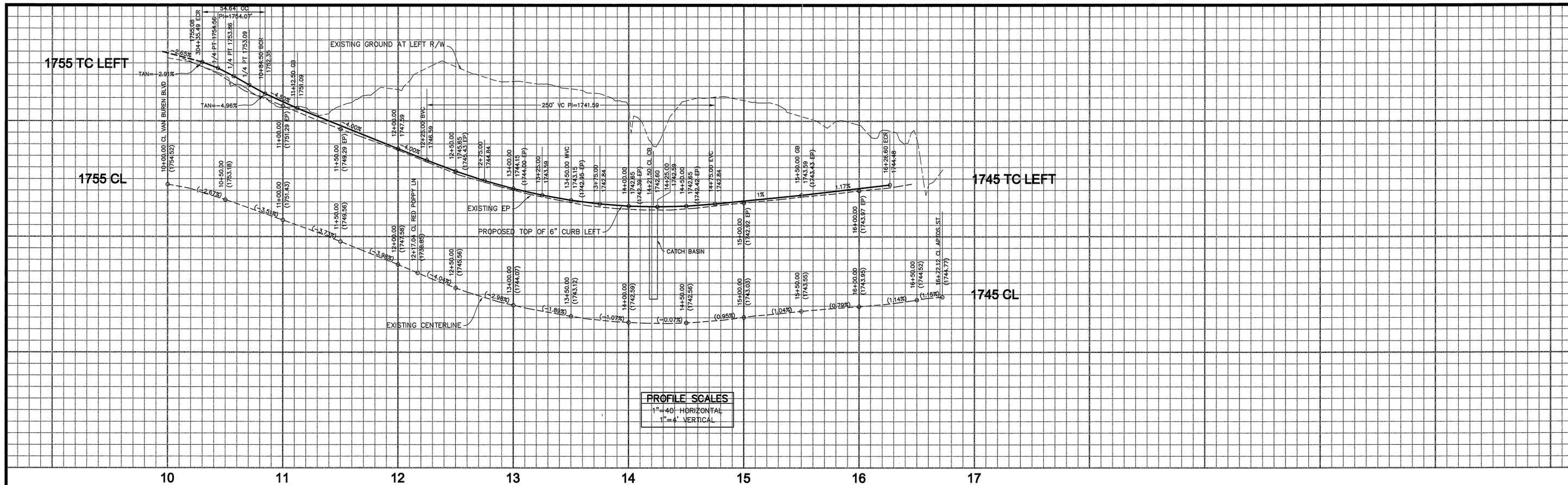
STREET IMPROVEMENT PLAN

TRACT 29362-1
 PLAN AND PROFILE
 STA 294+50 TO 305+00
VAN BUREN BOULEVARD

HORIZONTAL SCALE: 1"=40' VERTICAL SCALE: 1"=4'

ACCOUNT NO **R-3560**
 SHEET 4 OF 16

INDEXED 8-10-2000 LHM



CURVE DATA

NUMBER	DELTA ANGLE	TANGENT	RADIUS	ARC LENGTH
(A)	89°27'12"	34.67	35.00	54.64
(B)	90°39'47"	27.31	27.00	42.72'

- CONSTRUCTION NOTES (a)**
- ① CONSTRUCT CURB AND GUTTER TYPE 1 PER STD DWG NO 200, 6" CF
 - ④ CONSTRUCT DRIVEWAY APPROACH PER STD DWG 302, A=28" B=35" CURB TYPE I
 - ⑤ CONSTRUCT WHEELCHAIR RAMP PER STD DWG 304, SEE PLAN FOR TYPE
 - ⑥ CONSTRUCT SIDEWALK PER STD DWG 325
 - ⑧ CONSTRUCT STREET NAME SIGN PER STREET NAME SCHEDULE SHEET 2
 - ⑨ INSTALL R1 STOP SIGN AND PAINT 12" SOLID WHITE LIMIT LINE AND 8 FT HIGH "STOP" LEGEND
 - ⑩ CONSTRUCT 3/4" AC PAVEMENT ON 4" BASE PER S.R., R=
 - ⑪ REMOVE AC BERM
 - ⑫ REMOVE 24" WIDE STRIP OF EXISTING AC PAVEMENT BY SAWCUTTING
 - ⑬ REMOVE CONCRETE DITCH WITHIN R/W
 - ⑭ INSTALL SIGN AS NOTED
- * SEE PAVEMENT SECTIONS, SHEET 2
- (a) STD DWG REFERS TO CITY OF RIVERSIDE STANDARD DRAWING

UNDERGROUND SERVICE ALERT
 CALL TOLL FREE
 1-800
 227-2600
 TWO WORKING DAYS
 BEFORE YOU DIG

COYOTE BUSH ROAD

THIELMANN ENGINEERS
AS BUILT
 INFORMATION OBTAINED FROM
 Owners Records, Engineering Records
 Construction Records, Date 6-2-03
 By *Jens Thielmann*

CHARTER COMMUNICATIONS <i>Jens Thielmann</i> REVIEWED BY: DATE 3-16-00	CITY OF RIVERSIDE PUBLIC UTIL. DEPT. ELECTRIC, OVERHEAD & UNDERGROUND <i>Bud Mainard</i> APPROVED BY: DATE 2/11/00	SOUTHERN CALIFORNIA GAS COMPANY <i>Mark Van</i> REVIEWED BY: DATE 7/10/00	BENCH MARK No. GPS-67 ELEV. 1757.219 LOCATION: 1 1/4" BRASS CAP IN A WELL MONUMENT, 5" DEEP IN THE CENTER OF BARTON ROAD, 230 FT SOUTHERLY OF THE INTERSECTION WITH VAN BUREN BLVD. 1991 ADJ
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Thielmann Engineers
 221 S GLASSSELL ST
 ORANGE, CA 92666
 (714) 744-9700, FAX (714) 744-9312

DESIGNED BY JT	DRAWN BY JS	CHECKED BY GT
DATE BY MARK	ADDED PAVEMENT SECTIONS, SHEET 2	RVC 8/10/03
ENGINEER	REVISIONS	APPR. DATE



PREPARED BY DATE 7-7-00
Jens Thielmann
 JENS THIELMANN
 R.C.E. No. 25742 EXP. DATE 12/31/01

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

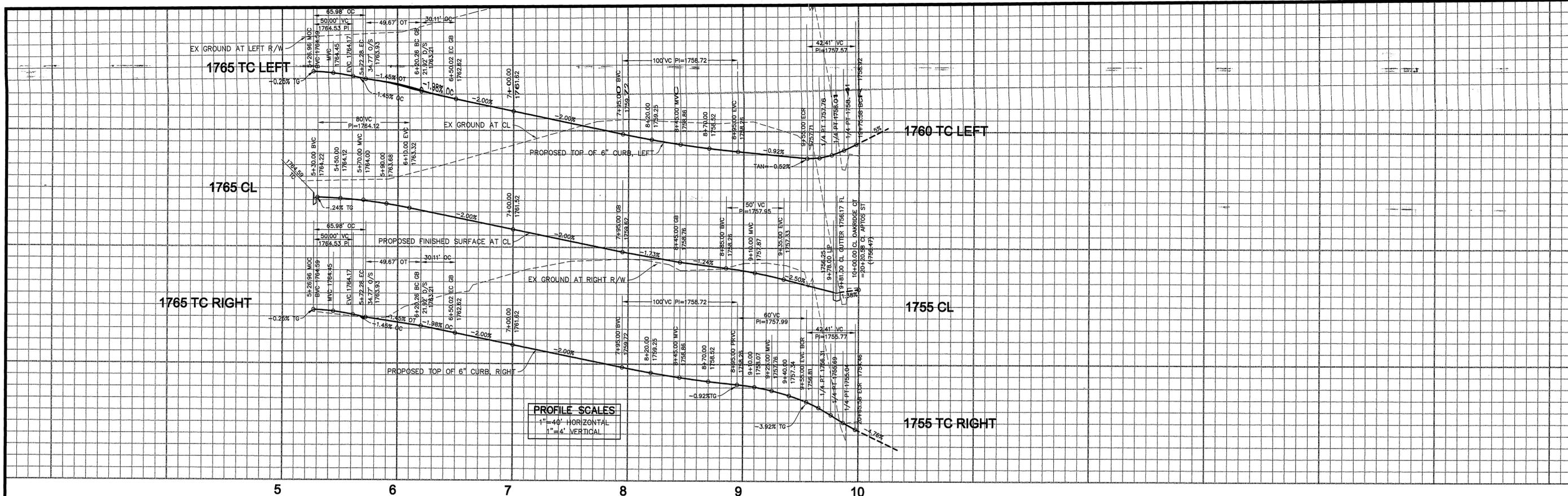
APPROVED BY	DATE	BY
PRINCIPAL ENGINEER	7/10/00	<i>R. Mc Grath</i>
PARK DEPARTMENT	07/10/00	<i>R. Mc Grath</i>
TRAFFIC DIVISION	7/12/00	<i>R. Mc Grath</i>
P.W. ENG'G MANAGER	7/17/00	<i>R. Mc Grath</i>
STREET SERVICES	7/10/00	<i>R. Mc Grath</i>

APPROVED BY DATE 7-19-2000
R. Mc Grath

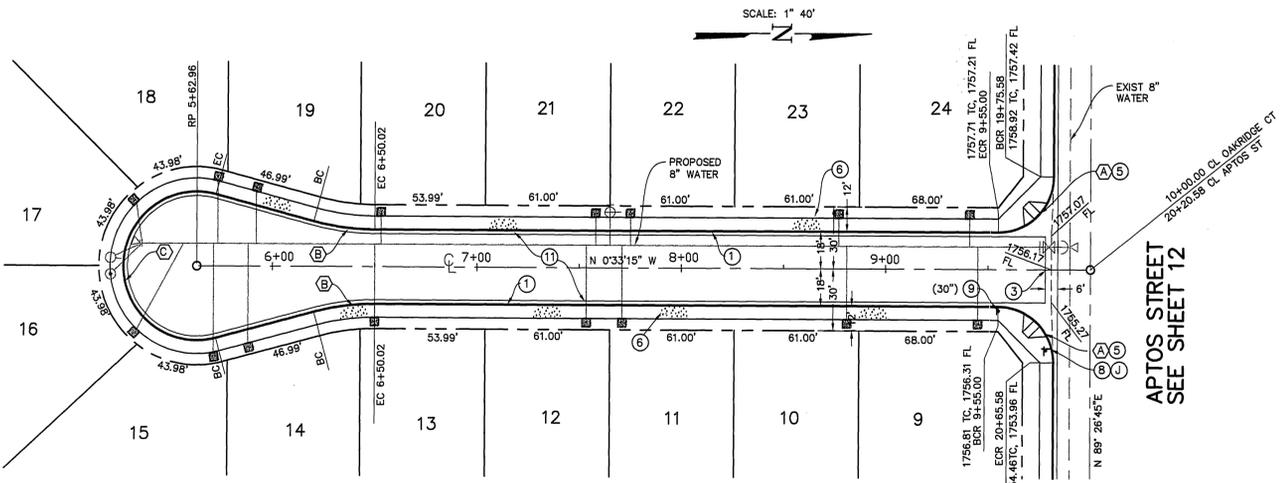
STREET IMPROVEMENT PLAN
 TRACT 29362-1
 PLAN AND PROFILE
COYOTE BUSH ROAD
 HORIZONTAL SCALE: 1"=40' VERTICAL SCALE: 1"=4'

ACCOUNT NO
R-3560
 SHEET 5 OF 16

INDEXED 8-10-2000 LFT



PROFILE SCALES
 1" = 40' HORIZONTAL
 1" = 4' VERTICAL



OAKRIDGE COURT

- CONSTRUCTION NOTES (a)
- 1 CONSTRUCT CURB AND GUTTER TYPE 1 PER STD DWG NO 200, 6" CF
 - 2 CONSTRUCT CROSS GUTTER PER STD DWG 220
 - 3 CONSTRUCT DRIVEWAY APPROACH PER STD DWG 302, A=28' B=35', TYPE CURB-I
 - 4 CONSTRUCT WHEELCHAIR RAMP PER STD DWG 304, TYPE I
 - 5 CONSTRUCT SIDEWALK PER STD DWG 325
 - 6 CONSTRUCT STREET NAME SIGN PER STREET NAME SCHEDULE SHEET 2
 - 7 INSTALL R1 STOP SIGN AND PAINT 12" SOLID WHITE LIMIT LINE AND 8 FT HIGH "STOP" LEGEND
 - 8 CONSTRUCT "X" AC PAVEMENT ON " " BASE PER S.R. _____, R=_____
- * SEE PAVEMENT SECTIONS SHEET 2
 (a) STD DWG REFERS TO CITY OF RIVERSIDE STANDARD DRAWING

AS BUILT
 THE INFORMATION CONTAINED HEREIN IS BASED ON RECORD DRAWINGS AND FIELD SURVEY DATA.
 CONTRACTORS RECORDS DATE 6-2-03
 BY *Jim Thielmann*

CURVE DATA

NUMBER	DELTA ANGLE	TANGENT	RADIUS	ARC LENGTH
(A)	90°00'00"	27.00	27.00	42.41
(B)	15°00'00"	15.14	115.00	30.11
(C)	121°00'00"	136.00	136.00	191.95

CHARTER COMMUNICATIONS
 REVIEWED BY: *Jim Thielmann* DATE: 7-10-01

CITY OF RIVERSIDE PUBLIC UTIL. DEPT.
 ELECTRIC, OVERHEAD & UNDERGROUND
 APPROVED BY: *Sumner* DATE: 7-11-00

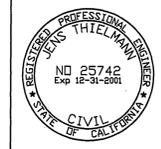
SOUTHERN CALIFORNIA GAS COMPANY
 APPROVED BY: *Mark King* DATE: 7/10/01

BENCH MARK No. GPS-67 ELEV. 1757.219
 LOCATION: 1 1/4" BRASS CAP IN A WELL MONUMENT, 5" DEEP IN THE CENTER OF BARTON ROAD, 230 FT SOUTHERLY OF THE INTERSECTION WITH VAN BUREN BLVD. 1991 ADJ



Thielmann Engineers
 221 S GLASSELL ST
 ORANGE, CA 92666
 (714) 744-9700, FAX (714) 744-9312

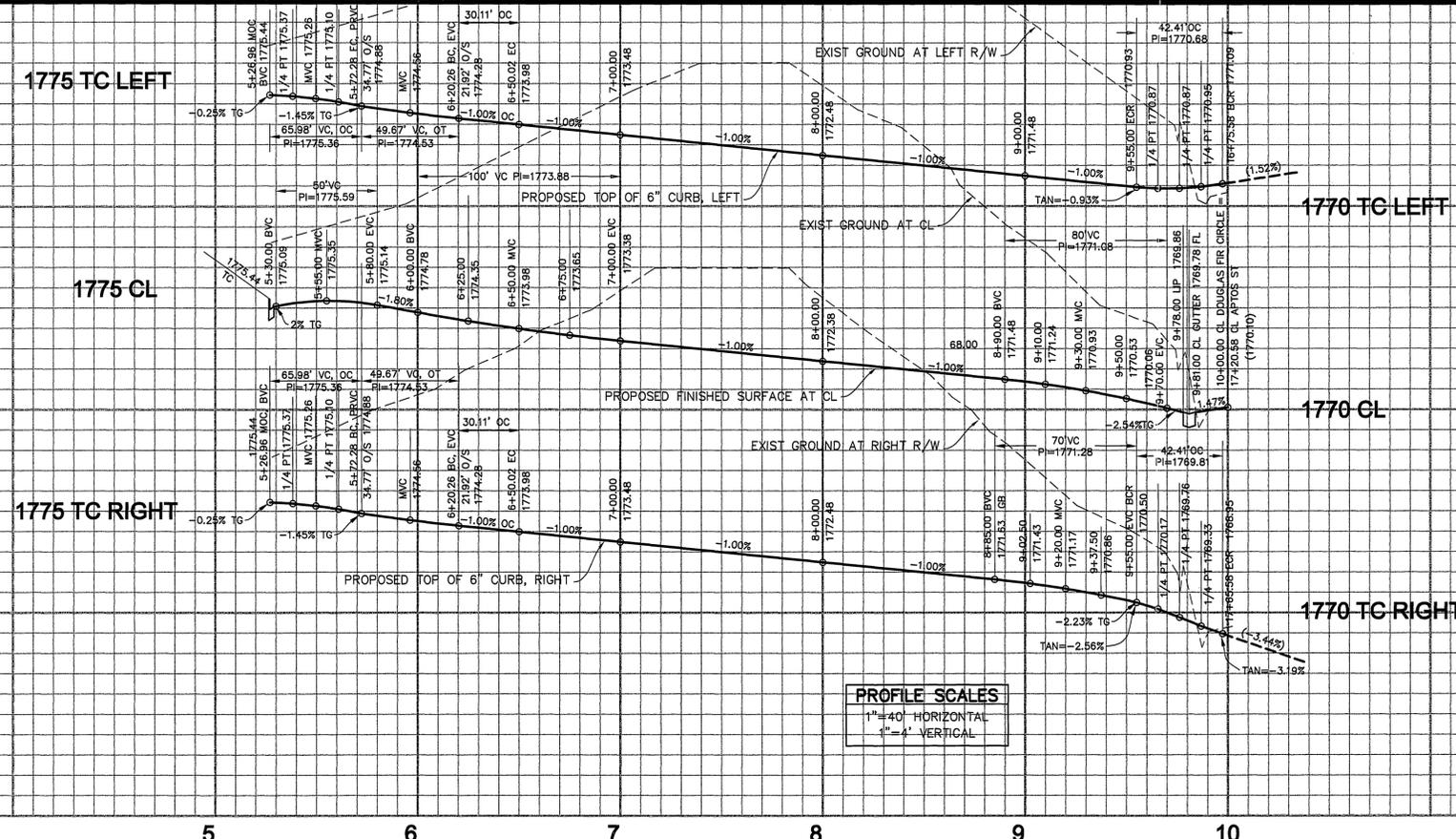
7-8-03	OT	ADDED PAVEMENT SECTIONS, SHEET 2	DATE	7-10-01
DATE	BY	MARK	APPR.	DATE
ENGINEER	REVISIONS		DATE	
DESIGNED BY JT	DRAWN BY JS	CHECKED BY GT		



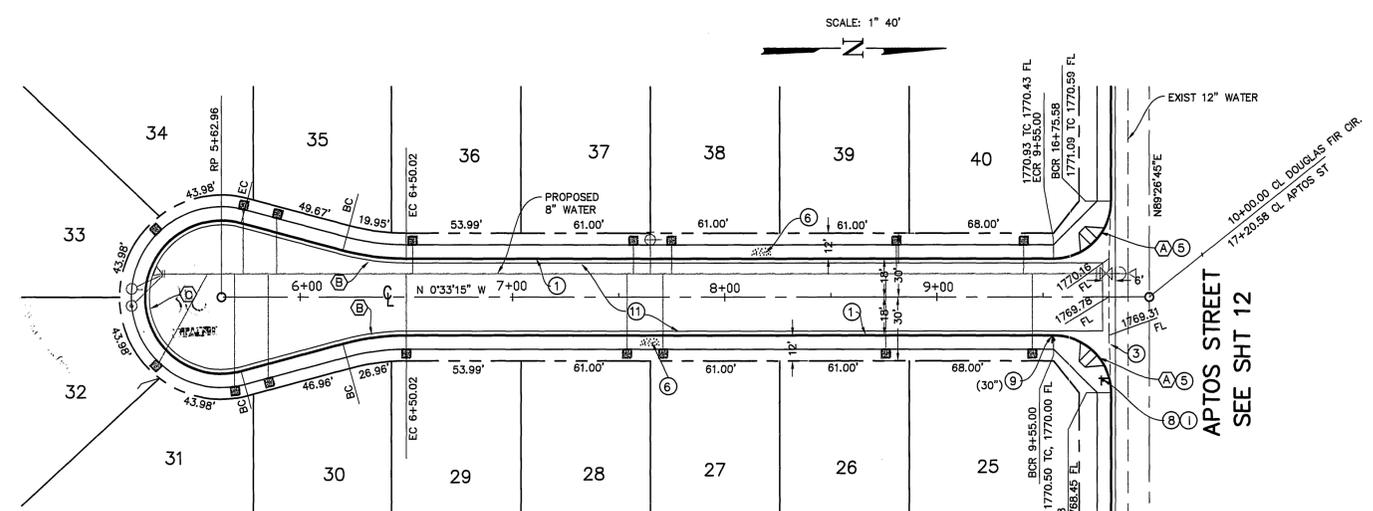
PREPARED BY: *Jim Thielmann* DATE: 7-7-00
 R.C.E. No. 25742 EXP. DATE 12/31/01

CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT
 APPROVED BY: *R. Mc Bratt* DATE: 7-19-2000
 PUBLIC WORKS DIRECTOR

STREET IMPROVEMENT PLAN
 TRACT 29362-1
 PLAN AND PROFILE
OAKRIDGE COURT
 ACCOUNT NO. **R-3560**
 SHEET 6 OF 16
 HORIZONTAL SCALE: 1"=40' VERTICAL SCALE: 1"=4'



5 6 7 8 9 10



CONSTRUCTION NOTES (a)

- 1 CONSTRUCT CURB AND GUTTER TYPE 1 PER STD DWG NO 200, 6" CF
 - 2 CONSTRUCT CROSS GUTTER PER STD DWG 220
 - 3 CONSTRUCT DRIVEWAY APPROACH PER STD DWG 302, A=28' B=35', TYPE CURB-I
 - 4 CONSTRUCT WHEELCHAIR RAMP PER STD DWG 304, TYPE 1
 - 5 CONSTRUCT SIDEWALK PER STD DWG 325
 - 6 CONSTRUCT STREET NAME SIGN PER STREET NAME SCHEDULE SHEET 2
 - 7 INSTALL R1 STOP SIGN AND PAINT 12" SOLID WHITE LIMIT LINE AND 8 FT HIGH "STOP" LEGEND
 - 8 CONSTRUCT "X" AC PAVEMENT ON " " BASE PER S.R. _____, R=_____
- * SEE PAVEMENT SECTIONS, SHEETS

(a) STD DWG REFERS TO CITY OF RIVERSIDE STANDARD DRAWING

CURVE DATA

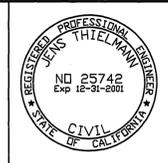
NUMBER	DELTA ANGLE	TANGENT	RADIUS	ARC LENGTH
A	90°00'00"	27.00	27.00	42.41
B	15°00'00"	15.14	115.00	30.11
C	210°00'00"	36.00	131.95	

CHARTER COMMUNICATIONS <i>[Signature]</i> REVIEWED BY: _____ DATE: 7-10-00	CITY OF RIVERSIDE PUBLIC UTIL. DEPT. ELECTRIC, OVERHEAD & UNDERGROUND <i>[Signature]</i> APPROVED BY: _____ DATE: 7-11-00	SOUTHERN CALIFORNIA GAS COMPANY <i>[Signature]</i> REVIEWED BY: _____ DATE: 7/10/00	BENCH MARK No. GPS-67 ELEV. 1757.219 LOCATION: 1 1/4" BRASS CAP IN A WELL MONUMENT, 5' DEEP IN THE CENTER OF BARTON ROAD, 230 FT SOUTHERLY OF THE INTERSECTION WITH VAN BUREN BLVD. 1991 ADJ
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Thielmann Engineers
 221 S GLASSELL ST
 ORANGE, CA 92666
 (714) 744-9700, FAX (714) 744-9312
 CITY BUSINESS TAX CERTIFICATE NO. 113073 EXP DATE 5/12/00

DATE	BY	MARK	REVISIONS	APPR. DATE
7-8-00	JT	A	ADDED PAVEMENT SECTIONS, SHEET 2	RJZ 8-1-03
DESIGNED BY	JT		DRAWN BY	JS
			CHECKED BY	GT

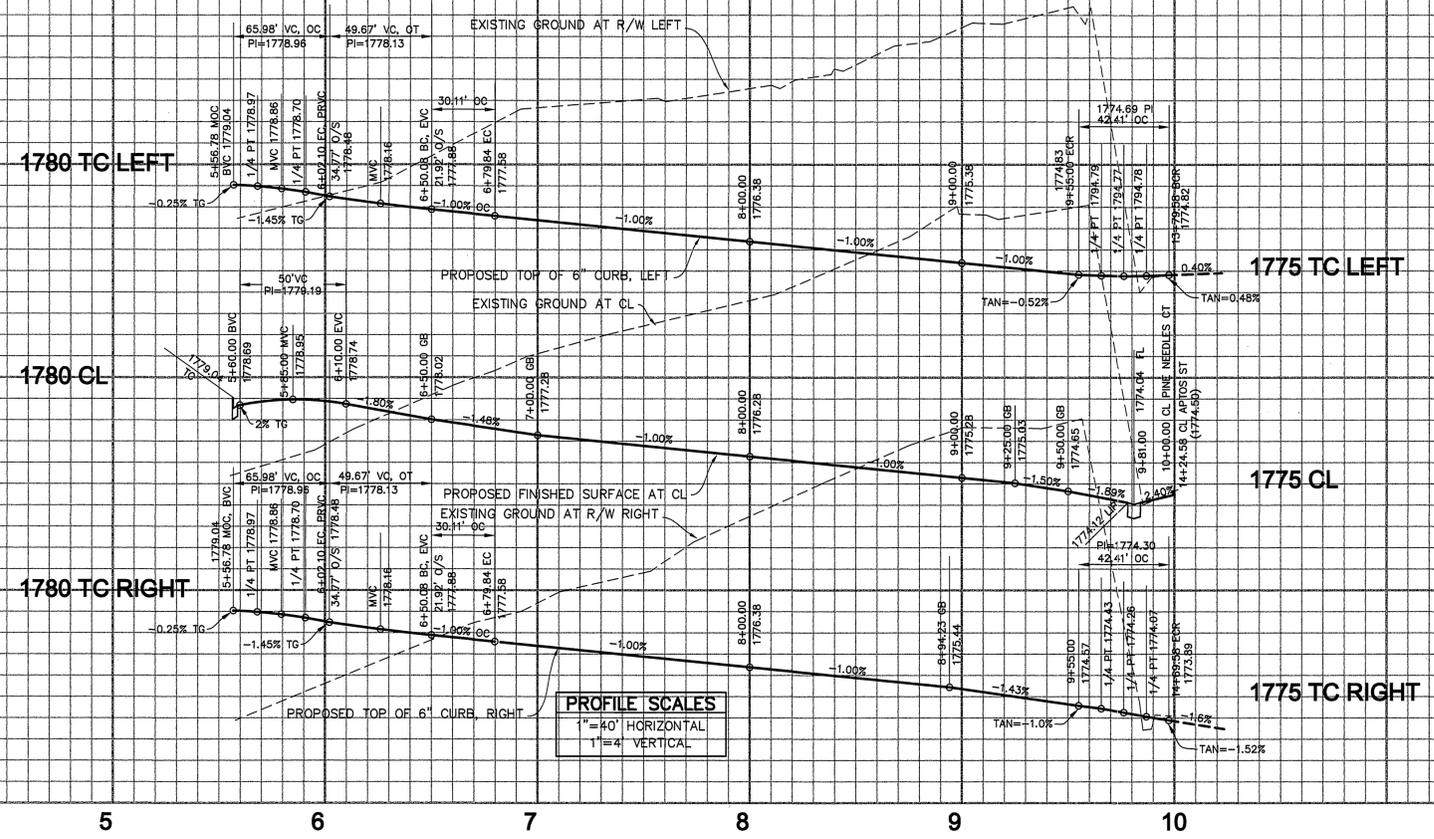


PREPARED BY: *[Signature]* DATE: 7-7-00
 JENS THIELMANN
 R.C.E. No. 25742 EXP. DATE 12/31/01

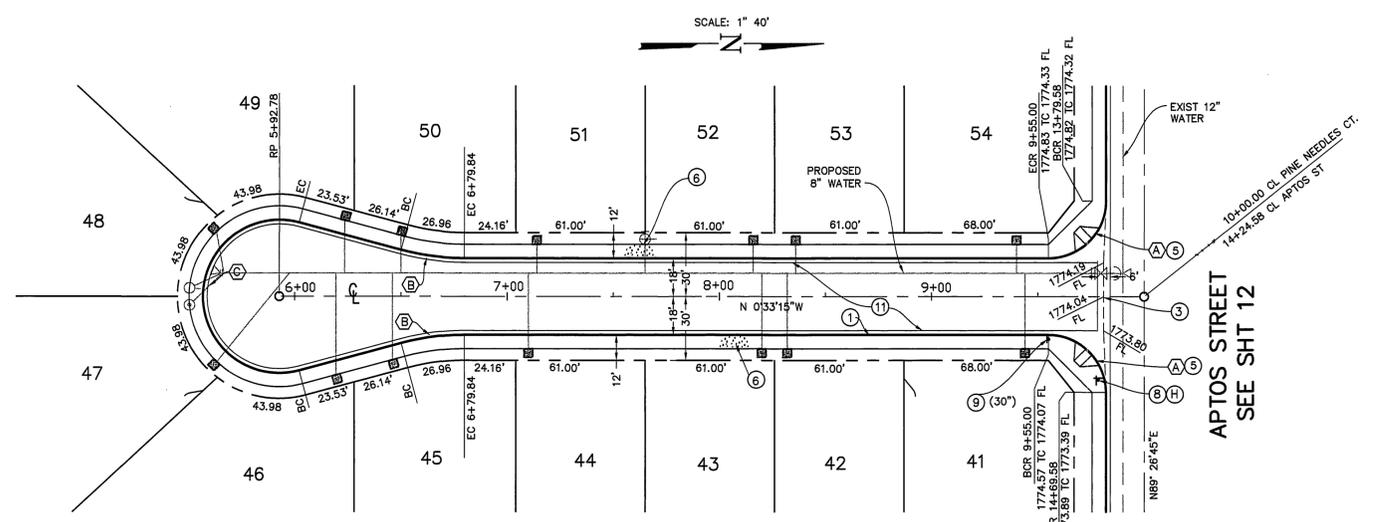
CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT	
APPROVED BY: _____ DATE: 7/10/00	APPROVED BY: <i>[Signature]</i> DATE: 7-19-2000
PARK DEPARTMENT	PUBLIC WORKS DIRECTOR
TRAFFIC DIVISION	
P.W. ENG'G MANAGER	
STREET SERVICES	

STREET IMPROVEMENT PLAN		ACCOUNT NO
TRACT 29362-1 PLAN AND PROFILE		R-3560
DOUGLAS FIR CIRCLE		SHEET 7 OF 16
HORIZONTAL SCALE: 1"=40' VERTICAL SCALE: 1"=4'		

INDEXED 8-10-2000 LHM



5 6 7 8 9 10



- CONSTRUCTION NOTES (a)**
- 1 CONSTRUCT CURB AND GUTTER TYPE 1 PER STD DWG NO 200, 6" CF
 - 2 CONSTRUCT CROSS GUTTER PER STD DWG 220
 - 3 CONSTRUCT DRIVEWAY APPROACH PER STD DWG 302, A=28' B=35', TYPE CURB-I
 - 4 CONSTRUCT WHEELCHAIR RAMP PER STD DWG 304, TYPE I
 - 5 CONSTRUCT SIDEWALK PER STD DWG 325
 - 6 CONSTRUCT STREET NAME SIGN PER STREET NAME SCHEDULE SHEET 2
 - 7 INSTALL R1 STOP SIGN AND PAINT 12" SOLID WHITE LIMIT LINE AND 8 FT HIGH "STOP" LEGEND
 - 8 CONSTRUCT * AC PAVEMENT ON * BASE PER S.R. R=
- * SEE PAVEMENT SECTION, SHEET 2
 (a) STD DWG REFERS TO CITY OF RIVERSIDE STANDARD DRAWING



PINE NEEDLES COURT

CURVE DATA

NUMBER	DELTA ANGLE	TANGENT	RADIUS	ARC LENGTH
A)	90°00'00"	27.00	27.00	42.41
B)	15°00'00"	15.14	115.00	30.11
C)	210°00'00"	36.00	36.00	131.95

CHARTER COMMUNICATIONS REVIEWED BY: <i>[Signature]</i> DATE: 7-10-00	CITY OF RIVERSIDE PUBLIC UTIL. DEPT. ELECTRIC, OVERHEAD & UNDERGROUND APPROVED BY: <i>[Signature]</i> DATE: 7-11-00	SOUTHERN CALIFORNIA GAS COMPANY REVIEWED BY: <i>[Signature]</i> DATE: 7/10/00	BENCH MARK No. GPS-67 ELEV. 1757.219 LOCATION: 1 1/4" BRASS CAP IN A WELL MONUMENT, 8" DEEP IN THE CENTER OF BARTON ROAD, 230 FT SOUTHERLY OF THE INTERSECTION WITH VAN BUREN BLVD. 1991 ADJ.
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THIELMANN ENGINEERS
AS BUILT
 INFORMATION OBTAINED FROM
 Owners Records Engineers Records
 Contractors Records Date: 6-2-03
 By: *[Signature]*

Thielmann Engineers
 221 S GLASSSELL ST
 ORANGE, CA 92666
 (714) 744-9700, FAX (714) 744-9312

DESIGNED BY JT	DRAWN BY JS	CHECKED BY GT
DATE: 7-8-00	DATE: 7-10-00	DATE: 7-10-00
BY: JT	BY: JS	BY: GT
MARK: A	MARK: B	MARK: C
ADDED PAVEMENT SECTION, SHEET 2		
REVISIONS		



PREPARED BY: *[Signature]* DATE: 7-7-00
 JENS THIELMANN
 R.C.E. No. 25742 EXP. DATE 12/31/01

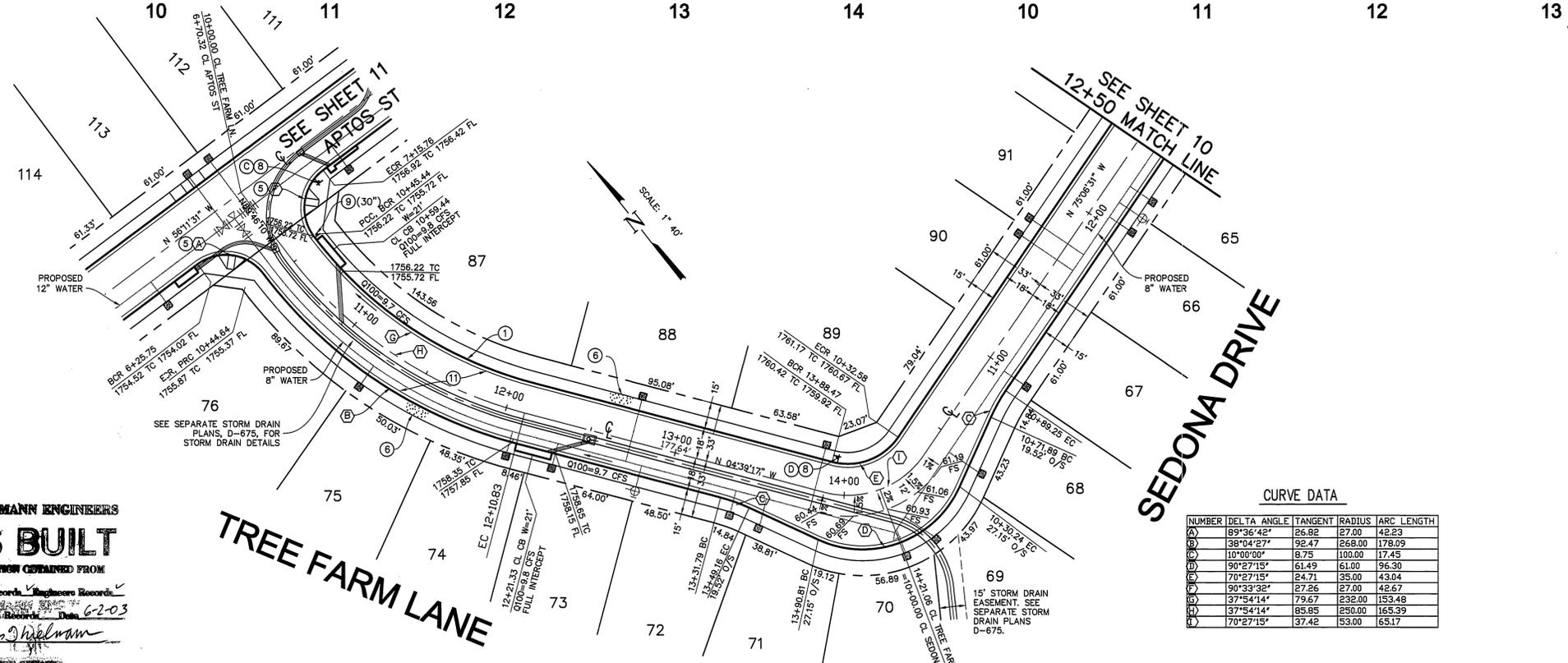
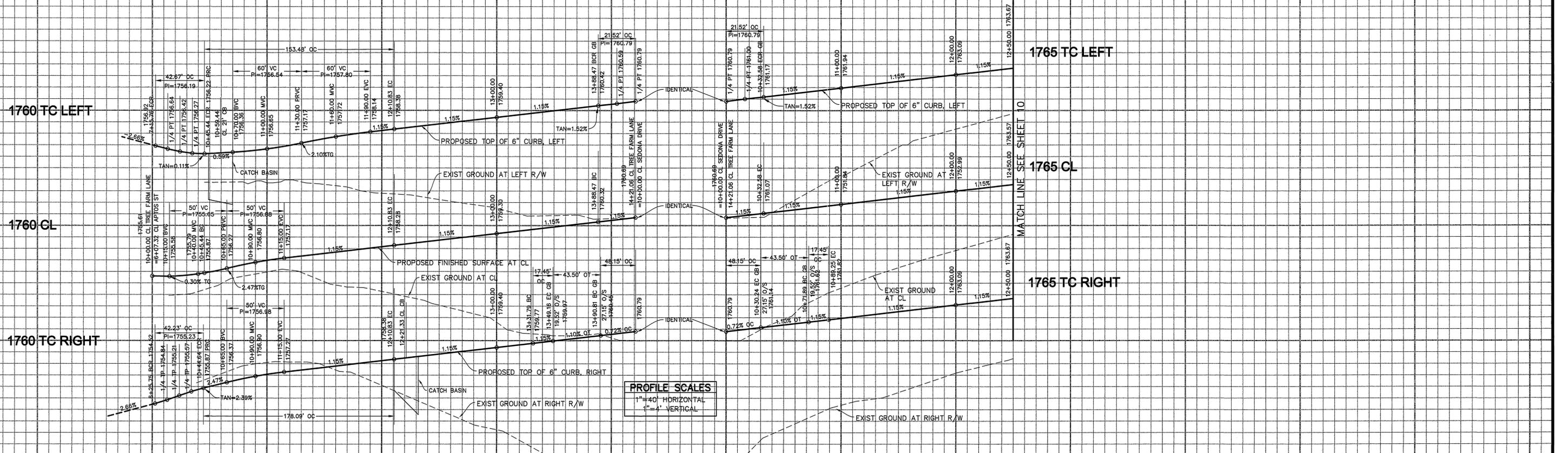
CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT

APPROVED BY: <i>[Signature]</i> DATE: 7/10/00	BY: <i>[Signature]</i>
PRINCIPAL ENGINEER: <i>[Signature]</i>	DATE: 7/10/00
PARK DEPARTMENT: <i>[Signature]</i>	DATE: 7/10/00
TRAFFIC DIVISION: <i>[Signature]</i>	DATE: 7/10/00
P.W. ENG'G MANAGER: <i>[Signature]</i>	DATE: 7/10/00
STREET SERVICES: <i>[Signature]</i>	DATE: 7/10/00

STREET IMPROVEMENT PLAN	ACCOUNT NO
TRACT 29362-1 PLAN AND PROFILE	R-3560
PINE NEEDLES COURT	SHEET 8 OF 16
HORIZONTAL SCALE: 1"=40' VERTICAL SCALE: 1"=4'	XX-XXX-X

INDEXED 8-10-2000 Left

PC 4228-5



UNDERGROUND SERVICE ALERT
 CALL TOLL FREE
 1-800-227-2600
 TWO WORKING DAYS BEFORE YOU DIG

CONSTRUCTION NOTES (a)

- ① CONSTRUCT CURB AND GUTTER TYPE 1 PER STD DWG NO 200, 6" CF
 - ② CONSTRUCT DRIVEWAY APPROACH PER STD DWG 302, A=28" B=35", TYPE CURB-1
 - ③ CONSTRUCT WHEELCHAIR RAMP PER STD DWG 304, TYPE 1
 - ④ CONSTRUCT SIDEWALK PER STD DWG 325
 - ⑤ CONSTRUCT STREET NAME SIGN PER STREET NAME SCHEDULE SHEET 2
 - ⑥ INSTALL R1 STOP SIGN AND PAINT 12" SOLID WHITE LIMIT LINE AND 8 FT HIGH "STOP" LEGEND
 - ⑦ CONSTRUCT * AC PAVEMENT ON " " BASE PER S.R. R=
- * SEE PAVEMENT SECTION, SHEET 2
 (a) STD DWG REFERS TO CITY OF RIVERSIDE STANDARD DRAWING

CURVE DATA

NUMBER	DELTA ANGLE	TANGENT	RADIUS	ARC LENGTH
A	89°36'42"	26.82	27.00	42.23
B	38°04'27"	92.47	268.00	178.09
C	10°00'00"	8.75	100.00	17.45
D	90°27'15"	61.49	61.00	96.30
E	70°27'15"	24.71	35.00	43.04
F	90°33'32"	27.26	27.00	42.67
G	37°54'14"	79.67	232.00	153.48
H	37°54'14"	85.85	250.00	165.39
I	70°27'15"	37.42	53.00	65.17

THIELMANN ENGINEERS
AS BUILT
 INFORMATION OBTAINED FROM
 Owners Records, Engineers Records,
 Contractors Records, Data 6-2-03
 By *Jim Thielmann*

CHARTER COMMUNICATIONS
 REVIEWED BY: *[Signature]* DATE: 7-10-00

CITY OF RIVERSIDE PUBLIC UTIL. DEPT.
 ELECTRIC, OVERHEAD & UNDERGROUND
 APPROVED BY: *[Signature]* DATE: 7-11-00

SOUTHERN CALIFORNIA GAS COMPANY
 REVIEWED BY: *[Signature]* DATE: 7/10/00

BENCH MARK No. GPS-67 ELEV. 1757.219
 LOCATION: 1 1/4" BRASS CAP IN A WELL MONUMENT, 8" DEEP IN THE CENTER OF BARTON ROAD, 230 FT SOUTHERLY OF THE INTERSECTION WITH VAN BUREN BLVD. 1991 ADJ

Thielmann Engineers
 221 S GLASSSELL ST
 ORANGE, CA 92666
 (714) 744-9700, FAX (714) 744-9312

DATE	BY	MARK	REVISIONS	APPR. DATE
7-8-00	JT	A	ADDED PAVEMENT SECTION, SHEET 2	RIZ 8-1-00
DESIGNED BY	DRAWN BY		CHECKED BY	
JT	JS		GT	



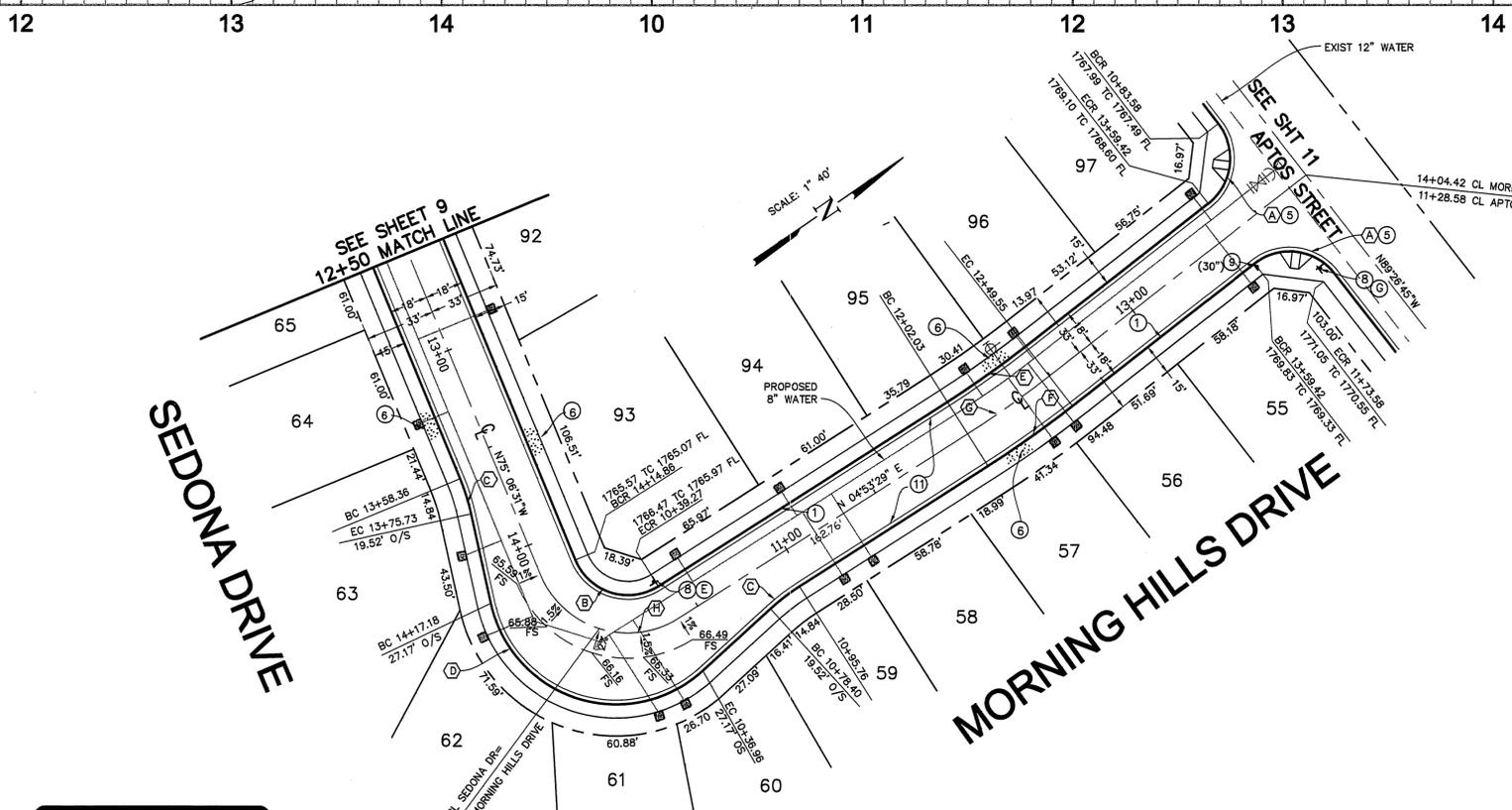
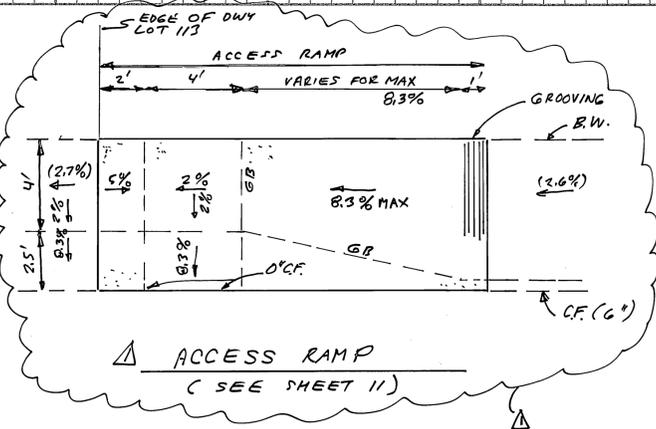
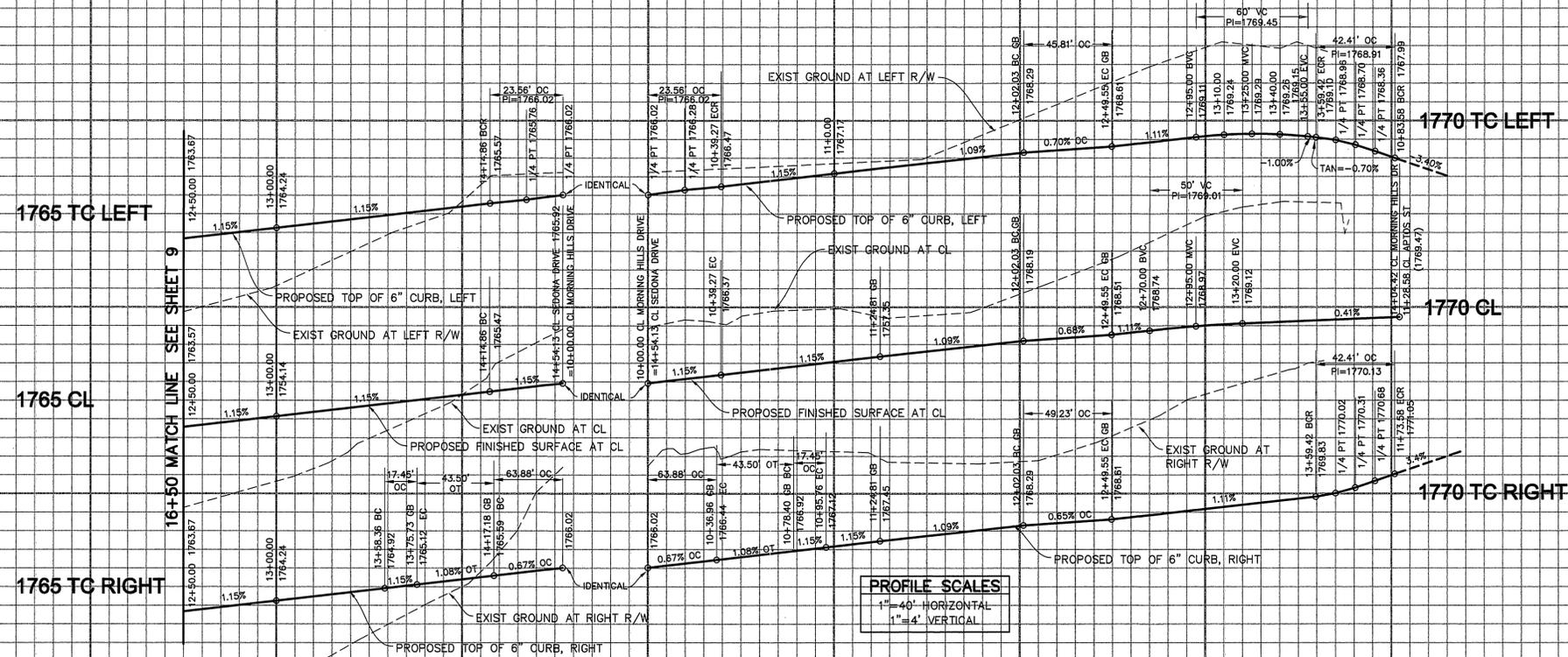
PREPARED BY: *Jim Thielmann* DATE: 7-7-00
 R.C.E. No. 25742 EXP. DATE 12/31/01

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

APPROVED BY: *[Signature]* DATE: 7-19-2000
 PRINCIPAL ENGINEER: *[Signature]*
 PARK DEPARTMENT: *[Signature]*
 TRAFFIC DIVISION: *[Signature]*
 P.W. ENG. MANAGER: *[Signature]*
 STREET SERVICES: *[Signature]*

STREET IMPROVEMENT PLAN
 TRACT 29362-1
PLAN AND PROFILE
 TREE FARM LANE
 FROM STA 10+00 TO STA 14+21.06
 SEDONA DRIVE
 FROM STA 10+00 TO STA 12+50

ACCOUNT NO
R-3560
 SHEET **9** OF **16**



CURVE DATA

NUMBER	DELTA ANGLE	TANGENT	RADIUS	ARC LENGTH
(A)	90°00'00"	27.00	27.00	42.41
(B)	100°00'00"	32.18	27.00	47.12
(C)	10°00'00"	8.75	100.00	17.45
(D)	120°00'00"	105.66	61.00	127.76
(E)	05°26'44"	22.92	482.00	45.81
(F)	05°26'44"	24.63	518.00	49.23
(G)	05°26'44"	23.78	500.00	47.52
(H)	100°00'00"	53.63	45.00	78.54

- CONSTRUCTION NOTES (c)**
- CONSTRUCT CURB AND GUTTER TYPE 1 PER STD DWG NO 200, 6" CF
 - CONSTRUCT DRIVEWAY APPROACH PER STD DWG 302, A=28" B=35", TYPE CURB-I
 - CONSTRUCT WHEELCHAIR RAMP PER STD DWG 304, TYPE I
 - CONSTRUCT SIDEWALK PER STD DWG 325
 - CONSTRUCT STREET NAME SIGN PER STREET NAME SCHEDULE SHEET 2
 - INSTALL RT STOP SIGN AND PAINT 12" SOLID WHITE LIMIT LINE AND 8 FT HIGH "STOP" LEGEND
 - CONSTRUCT 2" AC PAVEMENT ON "A" BASE PER S.R.
- * SEE PAVEMENT SECTIONS, SHEET 2.
 (a) STD DWG REFERS TO CITY OF RIVERSIDE STANDARD DRAWING

AS BUILT
 INFORMATION OBTAINED FROM
 Owners Records, Highway Records,
 Contractors Records, Data
 By _____

UNDERGROUND SERVICE ALERT
 CALL TOLL FREE
 1-800-227-2600
 TWO WORKING DAYS BEFORE YOU DIG

CHARTER COMMUNICATIONS
 REVIEWED BY: *[Signature]* DATE: 7-10-00

CITY OF RIVERSIDE PUBLIC UTIL. DEPT.
 ELECTRIC, OVERHEAD & UNDERGROUND
 APPROVED BY: *[Signature]* DATE: 7/10/00

SOUTHERN CALIFORNIA GAS COMPANY
 REVIEWED BY: *[Signature]* DATE: 7/10/00

BENCH MARK No. GPS-67 ELEV. 1757.219
 LOCATION: 1 1/4" BRASS CAP IN A WELL MONUMENT, 5' DEEP IN THE CENTER OF BARTON ROAD, 230 FT SOUTHERLY OF THE INTERSECTION WITH VAN BUREN BLVD. 1991 ADJ.

Thielmann Engineers
 221 S GLASSSELL ST
 ORANGE, CA 92666
 (714) 744-9700, FAX (714) 744-9312

DATE	BY	MARK	REVISIONS	APPR. DATE
7-8-00	JT	Δ	ADDED PAVEMENT SECTION, SHEET 2	RZ 8/1/00
6-2-03	JT	Δ	ACCESS RAMP DETAIL - SEE SH 11.	RZ 8/1/03



PREPARED BY: *[Signature]* DATE: 7-7-00
 JENS THIELMANN
 R.C.E. No. 25742 EXP. DATE 12/31/01

CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT
 APPROVED BY: *[Signature]* DATE: 7/10/00
 PRINCIPAL ENGINEER
 PARK DEPARTMENT
 TRAFFIC DIVISION
 P.W. ENG'G MANAGER
 STREET SERVICES

STREET IMPROVEMENT PLAN
 TRACT 29362-1
PLAN AND PROFILE
 MORNING HILLS DRIVE
 FROM STA 10+00 TO STA 14+54.13
SEDONA DRIVE
 FROM STA 12+50 TO STA 14+04.42
 HORIZONTAL SCALE: 1"=40' VERTICAL SCALE: 1"=4'

ACCOUNT NO
R-3560
 SHEET **10** OF **16**

1750 TC LEFT

1750 CL

1750 TC RIGHT

1765 TC LEFT

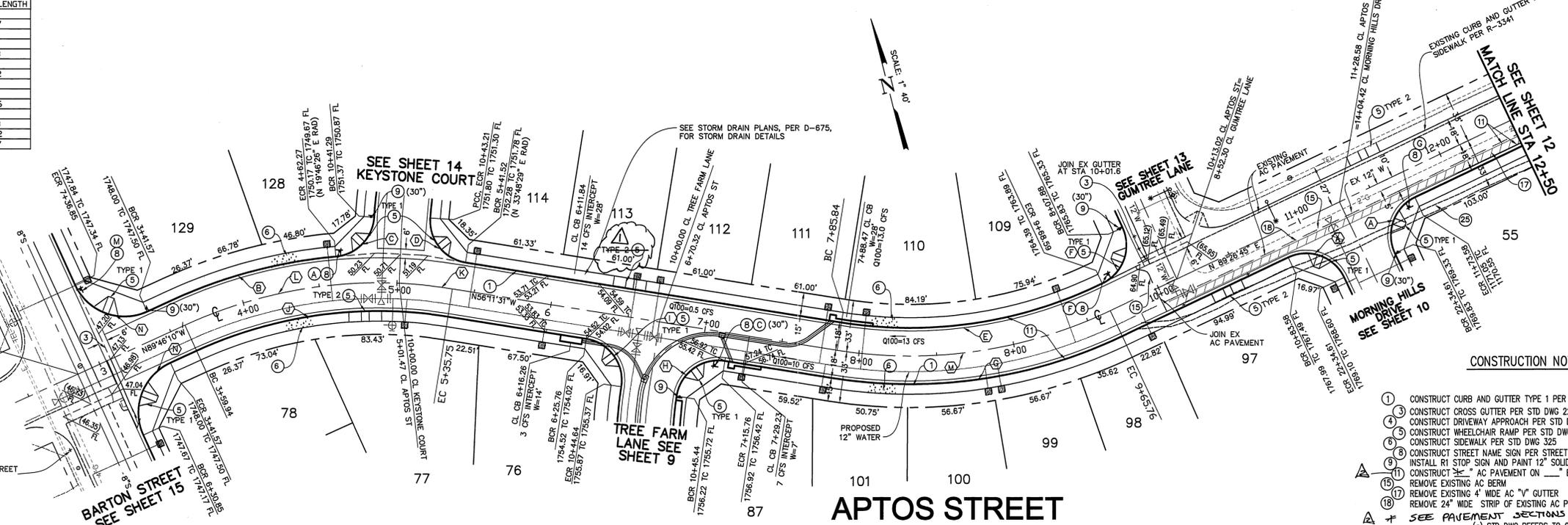
1775 CL

1775 TC RIGHT

PROFILE SCALES
1" = 40' HORIZONTAL
1" = 4' VERTICAL

CURVE DATA

NUMBER	DELTA	ANGLE	TANGENT	RADIUS	ARC LENGTH
A	90°00'00"	27.00	27.00	42.41	
B	19°32'36"	54.77	318.00	108.47	
C	81°32'03"	23.28	27.00	38.42	
D	84°52'15"	24.68	27.00	39.99	
E	34°21'45"	87.19	282.00	163.13	
F	89°15'58"	26.66	27.00	42.07	
G	34°21'45"	98.32	318.00	190.72	
H	90°33'32"	27.26	27.00	42.67	
I	89°36'42"	26.82	27.00	42.23	
J	33°34'39"	85.08	282.00	165.26	
K	06°32'48"	17.16	300.00	34.28	
L	27°01'51"	72.11	300.00	141.53	
M	34°21'45"	92.76	300.00	179.92	
N	90°00'00"	35.00	35.00	54.98	



UNDERGROUND SERVICE ALERT
CALL TOLL FREE
1-800-227-2600
TWO WORKING DAYS BEFORE YOU DIG

- CONSTRUCTION NOTES (d)**
- CONSTRUCT CURB AND GUTTER TYPE 1 PER STD DWG NO 200, 6" CF
 - CONSTRUCT CROSS GUTTER PER STD DWG 220
 - CONSTRUCT DRIVEWAY APPROACH PER STD DWG 302, A=28" B=35", TYPE CURB-1
 - CONSTRUCT WHEELCHAIR RAMP PER STD DWG 304, SEE PLAN FOR TYPE
 - CONSTRUCT SIDEWALK PER STD DWG 325
 - CONSTRUCT STREET NAME SIGN PER STREET NAME SCHEDULE SHEET 2
 - INSTALL RT STOP SIGN AND PAINT 12" SOLID WHITE LIMIT LINE AND 8 FT HIGH "STOP" LEGEND
 - CONSTRUCT 2" AC PAVEMENT ON "R" BASE PER S.R.
 - REMOVE EXISTING AC BERM
 - REMOVE EXISTING 4" WIDE AC "V" GUTTER
 - REMOVE 24" WIDE STRIP OF EXISTING AC PAVEMENT BY SAWCUTTING
 - SEE PAVEMENT SECTIONS, SHEET 2
 - STD DWG REFERS TO CITY OF RIVERSIDE STANDARD DRAWING

THIELMANN ENGINEERS
AS BUILT
INFORMATION OBTAINED FROM
Owners Records, Highways Records
Construction Records, Date 6-2-03
By *Jim Thielmann*

CHARTER COMMUNICATIONS
Jim Thielmann 7-10-00
REVIEWED BY: DATE

CITY OF RIVERSIDE PUBLIC UTIL. DEPT.
ELECTRIC, OVERHEAD & UNDERGROUND
Bill Mair 7/10/00
APPROVED BY: DATE

SOUTHERN CALIFORNIA GAS COMPANY
Mark Ram 7/10/00
REVIEWED BY: DATE

BENCH MARK No. GPS-67 ELEV. 1757.219
LOCATION: 1 1/4" BRASS CAP IN A WELL MONUMENT, 5' DEEP IN THE CENTER OF BARTON ROAD, 250 FT SOUTHERLY OF THE INTERSECTION WITH VAN BUREN BLVD. 1991 ADJ

Thielmann Engineers
221 S GLASSSELL ST
ORANGE, CA 92666
(714) 744-9700, FAX (714) 744-9312

DATE	BY	MARK	REVISIONS	APPR.	DATE	
7-8-03	J.T.		ADDED PAVEMENT SECTION, SHEET 2	R.V.Z.	8-1-03	
6-2-03	J.T.		REVISED ACCESS RAMP-SEE DETAIL SHT 10.	R.V.Z.	8-1-03	
DESIGNED BY	JT		DRAWN BY	JS	CHECKED BY	GT

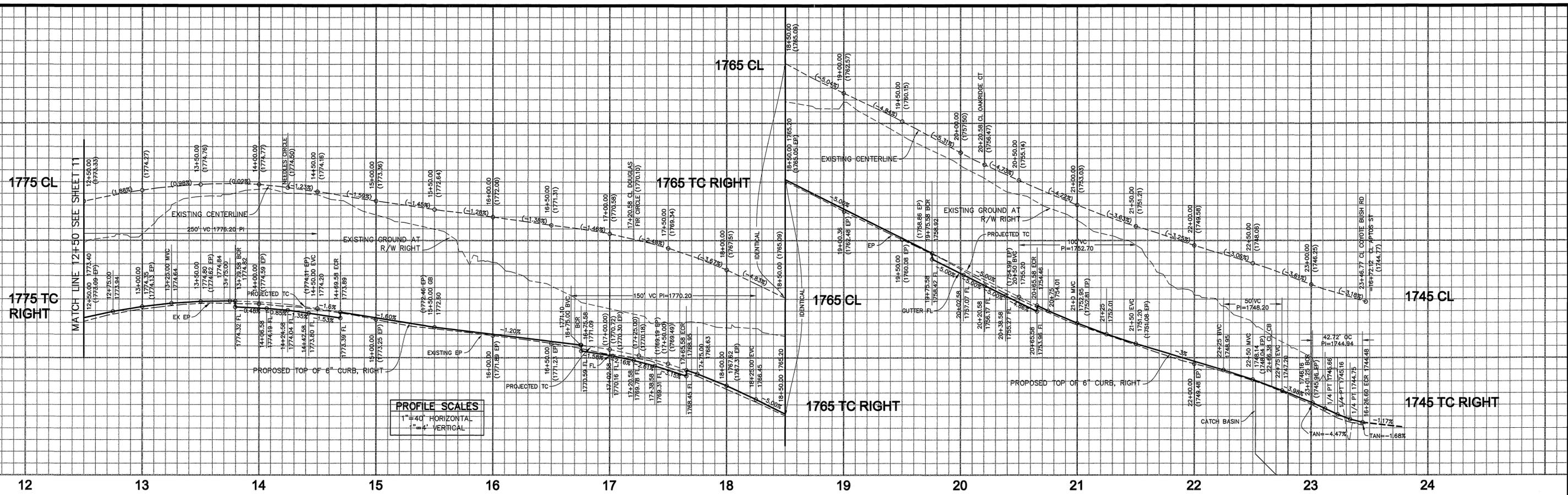


PREPARED BY *Jim Thielmann* DATE 7-7-00
R.C.E. No. 25742 EXP. DATE 12/31/01

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT
APPROVED BY: *R. Mc Swath* DATE 7-19-2000
PRINCIPAL ENGINEER
PARK DEPARTMENT
TRAFFIC DIVISION
P.W. ENG. MANAGER
STREET SERVICES

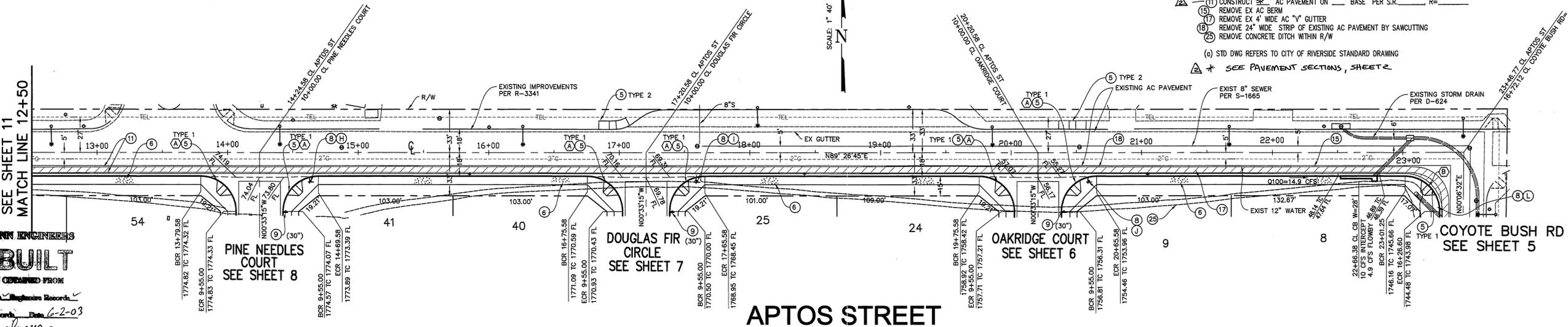
STREET IMPROVEMENT PLAN
TRACT 29362-1
PLAN AND PROFILE
FROM STA 2+85 TO STA 12+50
APTOS STREET
HORIZONTAL SCALE: 1"=40' VERTICAL SCALE: 1"=4'
ACCOUNT NO **R-3560**
SHEET 11 OF 16

1106XED 8-10-2000 JHT



CONSTRUCTION NOTES (c)

- ① CONSTRUCT CURB AND GUTTER TYPE 1 PER STD DWG NO 200, 6" CF
 - ② CONSTRUCT CROSS GUTTER PER STD DWG 220
 - ③ CONSTRUCT WHEELCHAIR RAMP PER STD DWG 304, SEE PLAN FOR TYPE
 - ④ CONSTRUCT SIDEWALK PER STD DWG 325
 - ⑤ CONSTRUCT STREET NAME SIGN PER STREET NAME SCHEDULE SHEET 2
 - ⑥ INSTALL R1 STOP SIGN AND PAINT 12" SOLID WHITE LIMIT LINE AND 8 FT HIGH "STOP" LEGEND
 - ⑦ CONSTRUCT "AC PAVEMENT ON " BASE PER S.R. _____, R=_____
 - ⑧ REMOVE EX AC BERM
 - ⑨ REMOVE EX 4" WIDE AC "V" GUTTER
 - ⑩ REMOVE 24" WIDE STRIP OF EXISTING AC PAVEMENT BY SAWCUTTING
 - ⑪ REMOVE CONCRETE DITCH WITHIN R/W
- (c) STD DWG REFERS TO CITY OF RIVERSIDE STANDARD DRAWING
 * SEE PAVEMENT SECTIONS, SHEET 2



THIELMANN ENGINEERS
AS BUILT
 INFORMATION OBTAINED FROM
 Owners Records, Engineering Records,
 Construction Records, Date 6-2-03
 By *Jens Thielmann*



CURVE DATA

NUMBER	BELTA ANGLE	TANGENT	RADIUS	ARC LENGTH
39	90°30'00"	27.00	27.00	42.41
40	90°39'47"	27.31	27.00	42.72

CHARTER COMMUNICATIONS
 REVIEWED BY: *Jens Thielmann* DATE: 7-10-00

CITY OF RIVERSIDE PUBLIC UTIL. DEPT.
 ELECTRIC, OVERHEAD & UNDERGROUND
 APPROVED BY: *Burton* DATE: 7/10/00

SOUTHERN CALIFORNIA GAS COMPANY
 REVIEWED BY: *Mark* DATE: 7/10/00

BENCH MARK No. GPS-67 ELEV. 1757.219
 LOCATION: 1 1/4" BRASS CAP IN A WELL MONUMENT, 5' DEEP IN THE CENTER OF BARTON ROAD, 230 FT SOUTHERLY OF THE INTERSECTION WITH VAN BUREN BLVD. 1991 ADJ

Thielmann Engineers
 221 S GLASSELL ST
 ORANGE, CA 92666
 (714) 744-9700, FAX (714) 744-9312

DATE	BY	MARK	REVISIONS	APPR. DATE
7-8-00	JT	▲	ADDED PAVEMENT SECTIONS, SHEET 2	WTZ 8-1-00
DESIGNED BY	JT		DRAWN BY	JS
CHECKED BY	GT			

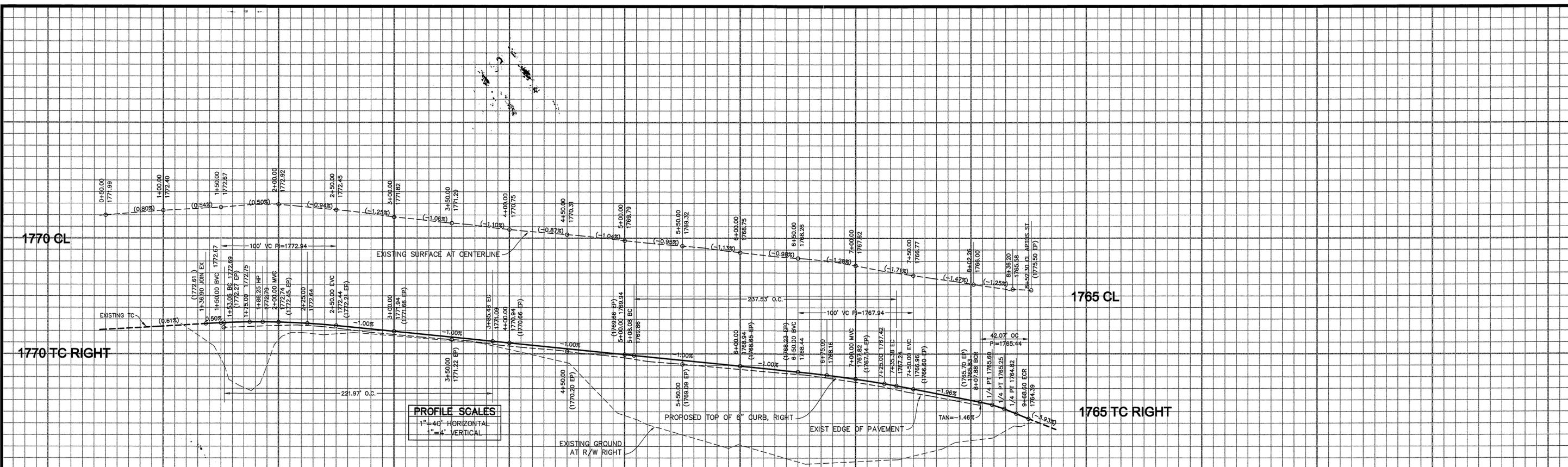


PREPARED BY: *Jens Thielmann* DATE: 7-7-00
 R.C.E. No. 25742 EXP. DATE 12/31/01

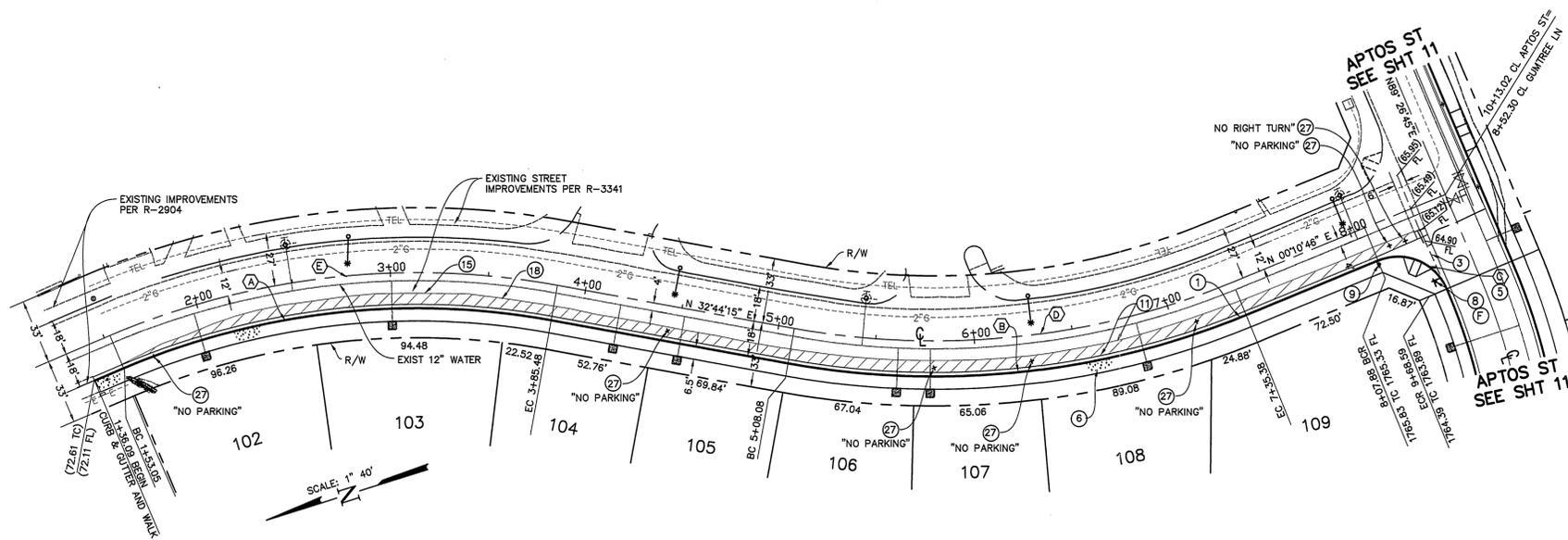
CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT
 APPROVED BY: *R. McEath* DATE: 7-19-2000
 PUBLIC WORKS DIRECTOR

STREET IMPROVEMENT PLAN
 TRACT 29362-1
 PLAN AND PROFILE
 FROM STA 12+50 TO STA 23+50
APTOS STREET
 HORIZONTAL SCALE: 1"=40' VERTICAL SCALE: 1"=4'

ACCOUNT NO
R-3560
 SHEET 12 OF 16



PROFILE SCALES
 1" = 40' HORIZONTAL
 1" = 4' VERTICAL



CONSTRUCTION NOTES (a)

- 1 CONSTRUCT CURB AND GUTTER TYPE 1 PER STD DWG NO 200, 6" CF
 - 2 CONSTRUCT CROSS GUTTER PER STD DWG 220
 - 3 CONSTRUCT DRIVEWAY APPROACH PER STD DWG 302, A=28' B=35', TYPE CURB-1
 - 4 CONSTRUCT WHEELCHAIR RAMP PER STD DWG 304, TYPE 1
 - 5 CONSTRUCT SIDEWALK PER STD DWG 325
 - 6 CONSTRUCT STREET NAME SIGN PER STREET NAME SCHEDULE SHEET 2
 - 7 INSTALL R1 STOP SIGN AND PAINT 12" SOLID WHITE LIMIT LINE AND 8 FT HIGH "STOP" LEGEND
 - 8 CONSTRUCT AC PAVEMENT ON " " BASE PER S.R. " " R= " "
 - 9 REMOVE AC BERM
 - 10 REMOVE 24" WIDE STRIP OF EXISTING AC PAVEMENT BY SAWCUTTING
 - 11 REMOVE EX SIGN
 - 12 REMOVE AND SALVAGE SIGN. DEPOSIT AT CITY OF RIVERSIDE MAINTENANCE YARD
 - 13 * SEE PAVEMENT SECTIONS, SHEET 2
- (a) STD DWG REFERS TO CITY OF RIVERSIDE STANDARD DRAWING

UNDERGROUND SERVICE ALERT
 CALL TOLL FREE
 1-800-227-2600
 TWO WORKING DAYS BEFORE YOU DIG

CURVE DATA

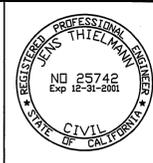
NUMBER	DELTA ANGLE	TANGENT	RADIUS	ARC LENGTH
(A)	33°17'34"	114.22	382.00	221.97
(B)	32°33'29"	122.07	418.00	237.53
(C)	89°13'38"	26.66	27.00	42.37
(D)	32°33'29"	116.81	400.00	227.30
(E)	33°17'34"	119.60	400.00	232.43

CHARTER COMMUNICATIONS REVIEWED BY: <i>[Signature]</i> DATE: 7-10-00	CITY OF RIVERSIDE PUBLIC UTIL. DEPT. ELECTRIC, OVERHEAD & UNDERGROUND APPROVED BY: <i>[Signature]</i> DATE: 7/10/00	SOUTHERN CALIFORNIA GAS COMPANY REVIEWED BY: <i>[Signature]</i> DATE: 7/10/00	BENCH MARK No. GPS-67 ELEV. 1757.219 LOCATION: 1 1/4" BRASS CAP IN A WELL MONUMENT, 5' DEEP IN THE CENTER OF BARTON ROAD, 230 FT SOUTHERLY OF THE INTERSECTION WITH VAN BUREN BLVD. 1991 ADJ.
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THIELMANN ENGINEERS
AS BUILT
 INFORMATION OBTAINED FROM
 Owners Records, Engineers Records,
 Contractors Records, Date 6-2-07
 By *[Signature]*

Thielmann Engineers
 221 S GLASSSELL ST
 ORANGE, CA 92666
 (714) 744-9700, FAX (714) 744-9312

DATE	BY	MARK	REVISIONS	APPR. DATE
7-8-03	JT	Δ	ADDED PAVEMENT SECTIONS, SHEET 2	RJZ 8-1-03
DESIGNED BY	JT		DRAWN BY	JS
			CHECKED BY	GT



PREPARED BY: *[Signature]* DATE: 7-7-00
 JENS THIELMANN
 R.C.E. No. 25742 EXP. DATE 12/31/01

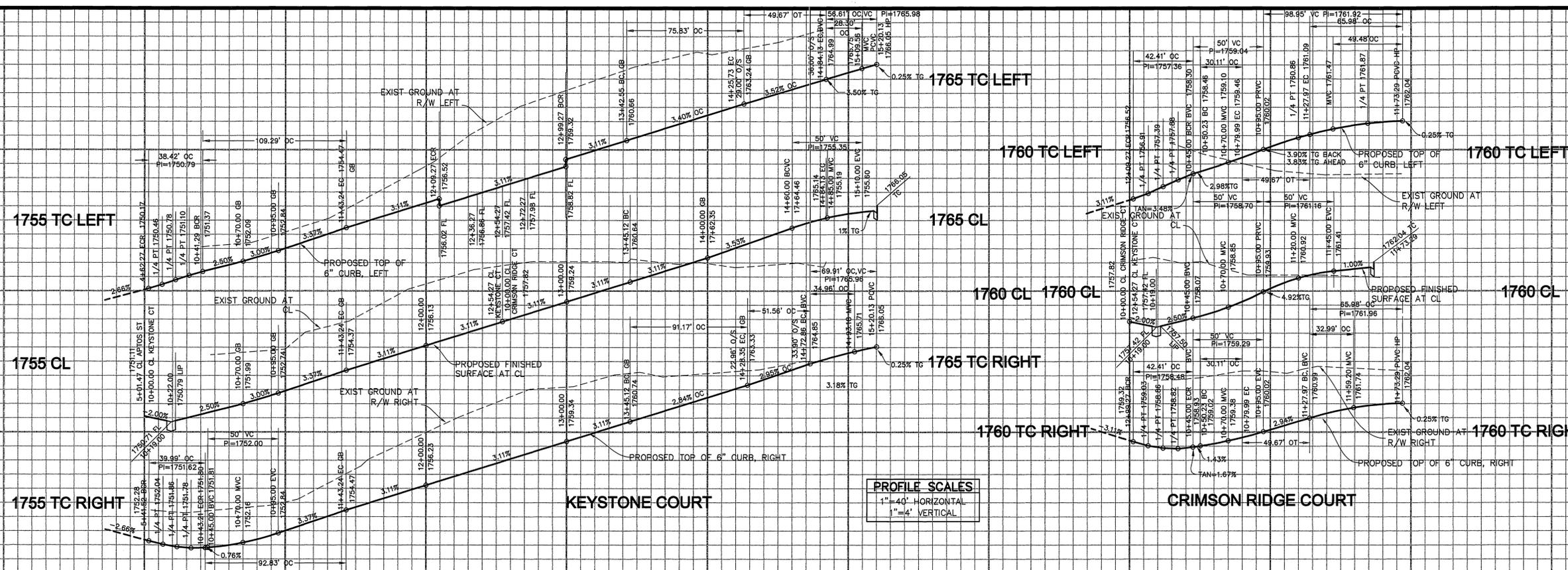
CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

APPROVED BY: <i>[Signature]</i> DATE: 7/10/00	BY: <i>[Signature]</i>
PRINCIPAL ENGINEER	
PARK DEPARTMENT	
TRAFFIC DIVISION	
P.W. ENG'G MANAGER	
STREET SERVICES	

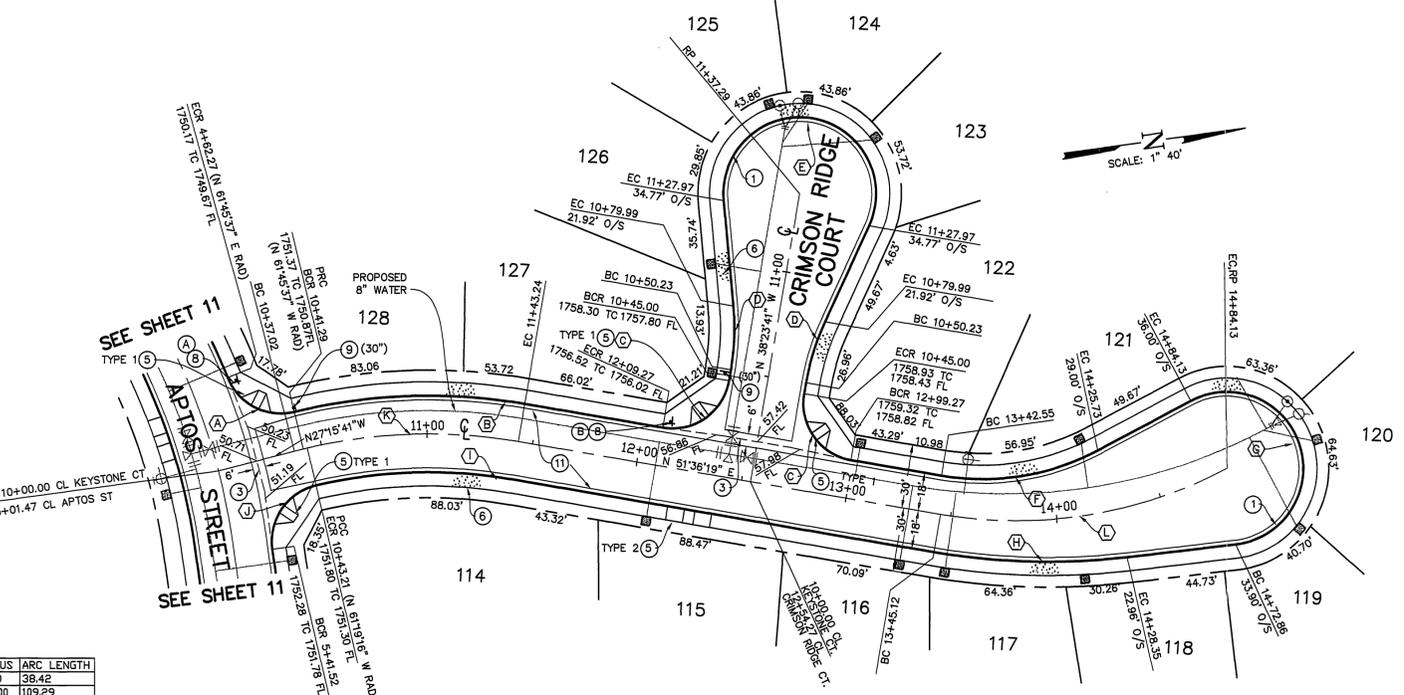
APPROVED BY: *[Signature]*
 PUBLIC WORKS DIRECTOR
 DATE: 7-19-2000

STREET IMPROVEMENT PLAN
 TRACT 29362-1
 PLAN AND PROFILE
GUMTREE LANE
 HORIZONTAL SCALE: 1"=40' VERTICAL SCALE: 1"=4'

ACCOUNT NO
R-3560
 SHEET 13 OF 16



10 11 12 13 14 15 10 11 12



- CONSTRUCTION NOTES (a)**
- CONSTRUCT CURB AND GUTTER TYPE 1 PER STD DWG NO 200, 6" FC
 - CONSTRUCT CROSS GUTTER PER STD DWG 220
 - CONSTRUCT DRIVEWAY APPROACH PER STD DWG 302, A=28' B=35', TYPE CURB-I
 - CONSTRUCT WHEELCHAIR RAMP PER STD DWG 304, SEE PLAN FOR TYPE
 - CONSTRUCT SIDEWALK PER STD DWG 325
 - CONSTRUCT STREET NAME SIGN PER STREET NAME SCHEDULE SHEET 2
 - INSTALL R1 STOP SIGN AND PAINT 12" SOLID WHITE LIMIT LINE AND 8 FT HIGH "STOP" LEGEND
 - CONSTRUCT CONCRETE BLOCK WALL PER STD DWG 704, H=6'
 - CONSTRUCT "AC" PAVEMENT ON " " BASE PER S.R. R=
- (a) STD DWG REFERS TO CITY OF RIVERSIDE STANDARD DRAWING
- △ * SEE PAVEMENT SECTIONS, SHEET 2



CURVE DATA

NUMBER	DELTA ANGLE	TANGENT	RADIUS	ARC LENGTH
(A)	81°32'03"	23.28	27.00	38.42
(B)	85°28'06"	55.42	268.00	109.29
(C)	22°00'00"	27.00	27.00	42.41
(D)	15°00'00"	15.18	115.00	30.11
(E)	210°00'00"	36.00	131.95	75.83
(F)	37°46'58"	39.35	115.00	75.83
(G)	60°21'22"	45.90	318.00	91.17
(H)	116°59'36"	45.90	318.00	91.17
(I)	82°55'35"	47.05	232.00	92.83
(J)	84°52'15"	24.68	27.00	39.99
(K)	24°20'38"	53.92	250.00	106.22
(L)	37°41'08"	72.12	211.34	139.01

THIELMANN ENGINEERS
AS BUILT
 INFORMATION OBTAINED FROM:
 Owners Records, Engineering Records, Construction Records, Date 6-2-03
 By *Jim Thielmann*

CHARTER COMMUNICATIONS
 REVIEWED BY: *[Signature]* DATE: 7-10-00

CITY OF RIVERSIDE PUBLIC UTIL. DEPT.
 ELECTRIC, OVERHEAD & UNDERGROUND
 APPROVED BY: *[Signature]* DATE: 7-11-00

SOUTHERN CALIFORNIA GAS COMPANY
 REVIEWED BY: *[Signature]* DATE: 7/10/00

BENCH MARK No. GPs-67 ELEV. 1757.219
 LOCATION: 1 1/4" BRASS CAP IN A WELL MONUMENT, 5' DEEP IN THE CENTER OF BARTON ROAD, 230 FT SOUTHERLY OF THE INTERSECTION WITH VAN BUREN BLVD. 1991 ADJ.

Thielmann Engineers
 221 S GLASSSELL ST
 ORANGE, CA 92666
 (714) 744-9700, FAX (714) 744-9312

DATE	BY	MARK	REVISIONS	APPR. DATE
7-8-00	JT	△	ADDED PAVEMENT SECTIONS, SHEET 2	RJZ 8-1-03
DESIGNED BY	JT		DRAWN BY	JS
			CHECKED BY	GT



PREPARED BY: *Jim Thielmann* DATE: 7-7-00
 JENS THIELMANN
 R.C.E. No. 25742 EXP. DATE 12/31/01

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

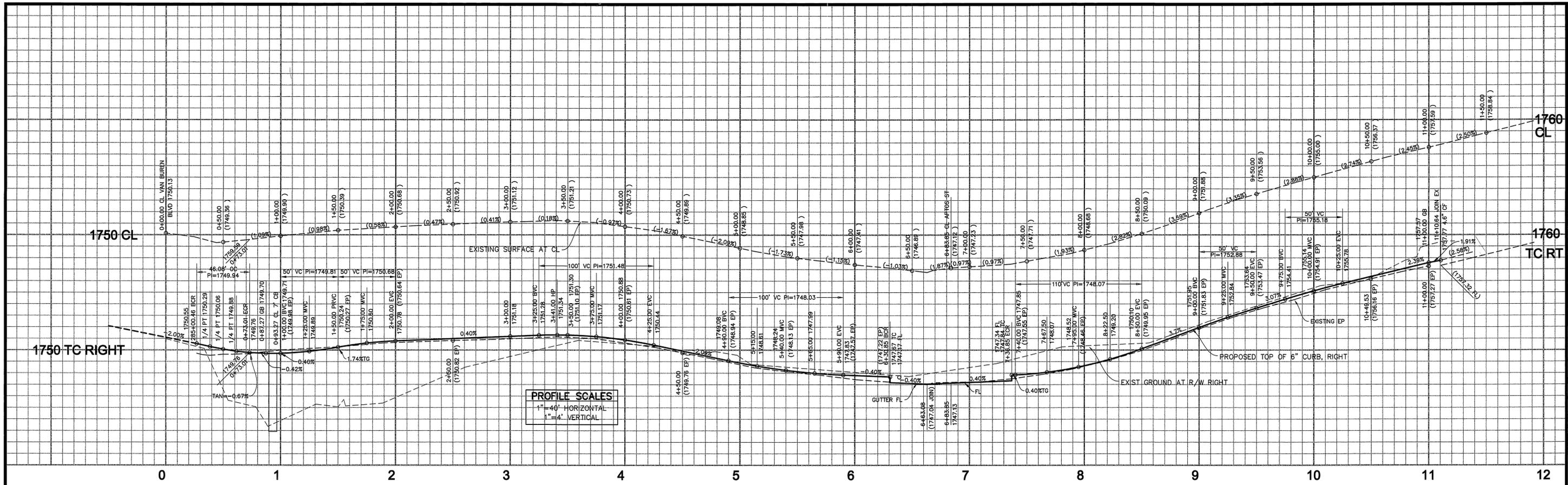
APPROVED BY	DATE	BY
PRINCIPAL ENGINEER	7/10/00	[Signature]
PARK DEPARTMENT	7/10/00	[Signature]
TRAFFIC DIVISION	7/12/00	[Signature]
P.W. ENG'G MANAGER	7/10/00	[Signature]
STREET SERVICES	7/10/00	[Signature]

APPROVED BY: *[Signature]* DATE: 7-19-2000
 PUBLIC WORKS DIRECTOR

STREET IMPROVEMENT PLAN
 TRACT 29362-1
PLAN AND PROFILE
 KEYSTONE COURT AND
 CRIMSON RIDGE COURT

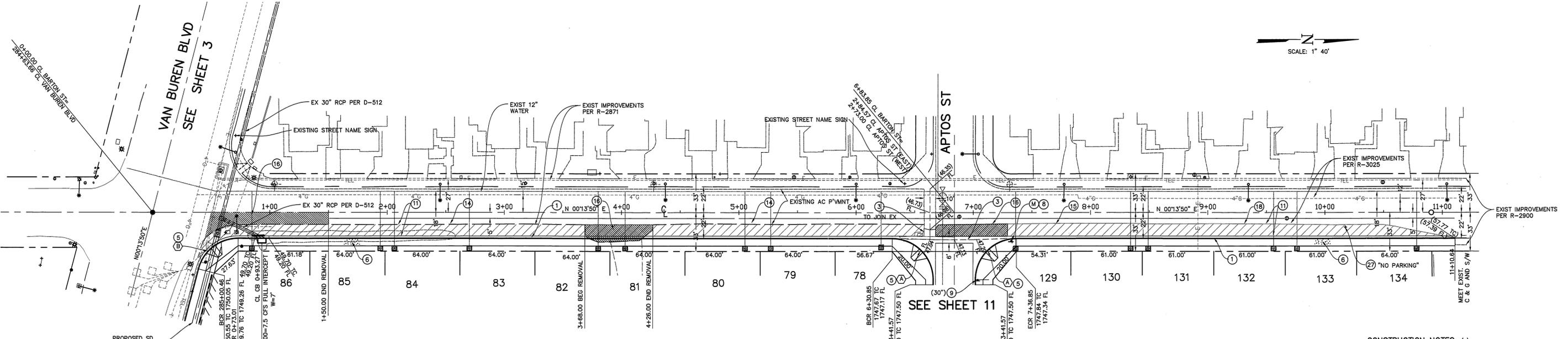
ACCOUNT NO: **R-3560**
 SHEET **14** OF **16**
 HORIZONTAL SCALE: 1"=40' VERTICAL SCALE: 1"=4'

INDEXED 8-10-2000 LHT



PROFILE SCALES
 1" = 40' HORIZONTAL
 1" = 4' VERTICAL

0 1 2 3 4 5 6 7 8 9 10 11 12



SCALE: 1" = 40'

BARTON STREET

CURVE DATA

NUMBER	DELTA	ANGLE	TANGENT	RADIUS	ARC LENGTH
(A)	90°00'00"		35.00	35.00	54.98
(B)	75°25'40"		27.06	35.00	46.08

AS BUILT
 INFORMATION OBTAINED FROM:
 Owners Records, Engineers Records, Contractors Records, Date 6-2-07
 By: *Jens Thielmann*

CHARTER COMMUNICATIONS
 REVIEWED BY: *Jens Thielmann* DATE: 7-10-00

CITY OF RIVERSIDE PUBLIC UTIL. DEPT.
 ELECTRIC, OVERHEAD & UNDERGROUND
 APPROVED BY: *Brian Mansfield* DATE: 7/10/00

SOUTHERN CALIFORNIA GAS COMPANY
 REVIEWED BY: *Mark Lam* DATE: 7/10/00

UNDERGROUND SERVICE ALERT
 CALL TOLL FREE
 1-800-227-2600
 TWO WORKING DAYS BEFORE YOU DIG

- CONSTRUCTION NOTES (a)**
- CONSTRUCT CURB AND GUTTER TYPE 1 PER STD DWG NO 200, 6" CF CONSTRUCT CROSS CURB PER STD DWG 220
 - CONSTRUCT DRIVEWAY APPROACH PER STD DWG 302, A=28" B=35", TYPE CURB-I
 - CONSTRUCT WHEELCHAIR RAMP PER STD DWG 304, TYPE I
 - CONSTRUCT SIDEWALK PER STD DWG 325
 - CONSTRUCT STREET NAME SIGN PER STREET NAME SCHEDULE SHEET 2
 - INSTALL RT STOP SIGN AND PAINT 12" SOLID WHITE LIMIT LINE AND 8 FT HIGH "STOP" LEGEND
 - CONSTRUCT "X" AC PAVEMENT ON "X" BASE PER S.R. R=_____
 - REMOVE 12" WIDE STRIP OF EXISTING AC PAVEMENT BY SAWCUTTING
 - REMOVE EXISTING AC BERM
 - REMOVE EXISTING AC PAVEMENT BY SAWCUTTING
 - REMOVE 24" WIDE STRIP OF AC PAVEMENT BY SAWCUTTING
 - REMOVE AND SALVAGE SIGN. DEPOSIT AT CITY OF RIVERSIDE MAINTENANCE YARD
- (a) STD DWG REFERS TO CITY OF RIVERSIDE STANDARD DRAWING
 * SEE PAVEMENT SECTIONS, SHEET 2

Thielmann Engineers
 221 S GLASSSELL ST
 ORANGE, CA 92666
 (714) 744-9700, FAX (714) 744-9312

1-8-03	81	ADDED PAVEMENT SECTIONS, SHEET 2	RIZ	8-1-03
DATE	BY	MARK	APPR.	DATE
DESIGNED BY JT		DRAWN BY JS		CHECKED BY GT



PREPARED BY: *Jens Thielmann* DATE: 7-7-00
 R.C.E. No. 25742 EXP. DATE 12/31/01

CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT

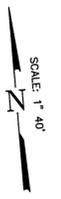
APPROVED BY: *R. McCreath* DATE: 7-19-2000
 PUBLIC WORKS DIRECTOR

STREET IMPROVEMENT PLAN
 TRACT 29362-1
 PLAN AND PROFILE
BARTON STREET
 HORIZONTAL SCALE: 1" = 40' VERTICAL SCALE: 1" = 4'

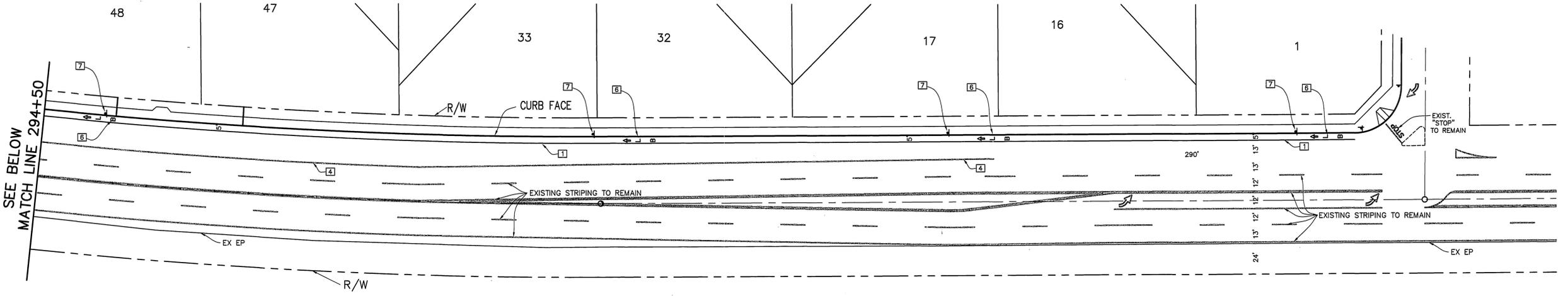
ACCOUNT NO: **R-3560**
 SHEET 15 OF 16

INDEXED 8-10-2000 LHT

PC 4228-S

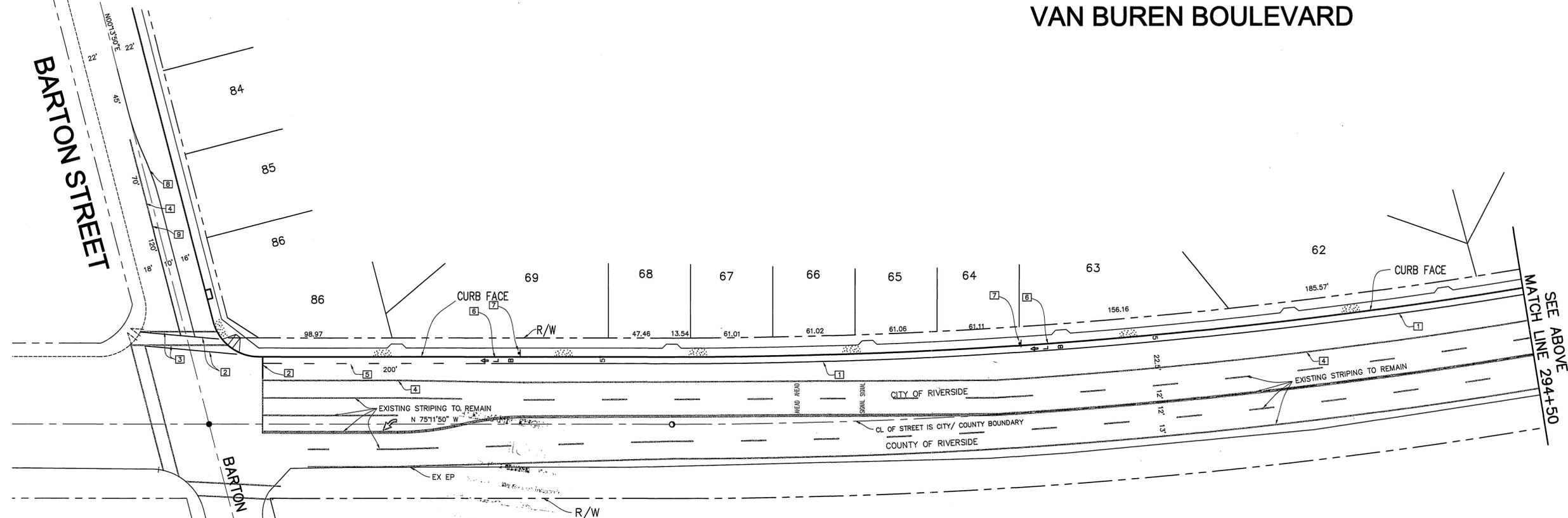


SEE BELOW
MATCH LINE 294+50

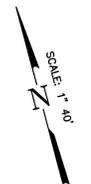


VAN BUREN BOULEVARD

BARTON STREET



VAN BUREN BOULEVARD



SEE ABOVE
MATCH LINE 294+50

CONSTRUCTION NOTES:

- 1 PAINT 6" SOLID WHITE LINE (CALTRANS DETAIL 39)
- 2 PAINT 12" SOLID WHITE (STOP BAR OR X-WALK)
- 3 REMOVE EXISTING 12" SOLID WHITE (X-WALK OR STOP BAR)
- 4 REMOVE EXISTING STRIPING
- 5 PAINT 6" WHITE LINE (CALTRANS DETAIL 39A)
- 6 STENCIL BIKE LANE ARROW, "BIKE" AND "LANE" PER CALTRANS FIGURE 6-36 OF TRAFFIC MANUAL.
- 7 INSTALL R26 AND R81 SIGN.
- 8 DOUBLE YELLOW LINE (CALTRANS DETAIL 22)
- 9 8" SOLID SINGLE WHITE LINE (CALTRANS DETAIL 38)

UNDERGROUND SERVICE ALERT
CALL TOLL FREE
1-800-227-2600
TWO WORKING DAYS BEFORE YOU DIG

BENCH MARK No. GPS-67 ELEV. 1757.219
LOCATION: 1 1/4" BRASS CAP IN A WELL MONUMENT, 5' DEEP IN THE CENTER OF BARTON ROAD, 230 FT SOUTHERLY OF THE INTERSECTION WITH VAN BUREN BLVD. 1991 ADJ

THIELMANN ENGINEERS
AS BUILT
INFORMATION OBTAINED FROM
Owners Records & Engineers Records
Contractors Records Date 6-2-07
By *Jens Thielmann*

Thielmann Engineers
221 S GLASSSELL ST
ORANGE, CA 92666
(714) 744-9700, FAX (714) 744-9312

DATE	BY	MARK	REVISIONS	APPR. DATE
DESIGNED BY	JT			
DRAWN BY	JS			
CHECKED BY	GT			



PREPARED BY *Jens Thielmann* DATE 7-7-00
JENS THIELMANN
R.C.E. No. 25742 EXP. DATE 12/31/01

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

APPROVED BY	DATE	BY	APPROVED BY	DATE
PRINCIPAL ENGINEER	7/19/00	<i>R. M. Erath</i>	PUBLIC WORKS DIRECTOR	7-19-2000
PARK DEPARTMENT	7/19/00			
TRAFFIC DIVISION	7/19/00			
P.W. ENG'G MANAGER	7/19/00			
STREET SERVICES	7/19/00			

STRIPING AND SIGNING PLAN
TRACT 29362-1
BARTON STREET
VAN BUREN BOULEVARD
HORIZONTAL SCALE: 1"=40'

ACCOUNT NO
R-3560
SHEET **16** OF **16**

INDEXED 8-10-2000 LFT

PC 4228-S