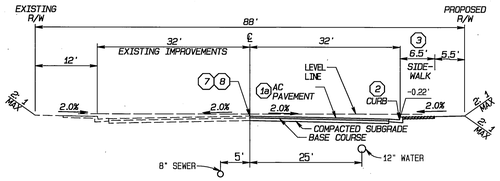
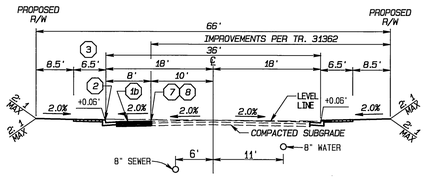


TYPICAL SECTION

⚠ CONSTRUCT 3 " A.C.
OVER 6 " CLASS II A.B.
PER S.R. 1645, R VALUE 60

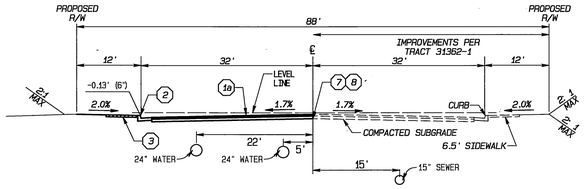
KRAMERIA AVENUE
T.I.= 7.0
NTS



TYPICAL SECTION

⚠ CONSTRUCT 3 " A.C.
OVER 6 " CLASS II A.B.
PER S.R. 1637, R VALUE 40

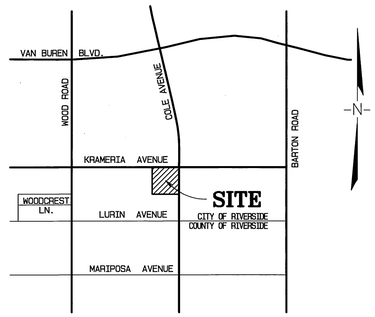
MISSION RANCH ROAD
STA. 16+48.78 TO 22+93.43
T.I.= 5.0
NTS



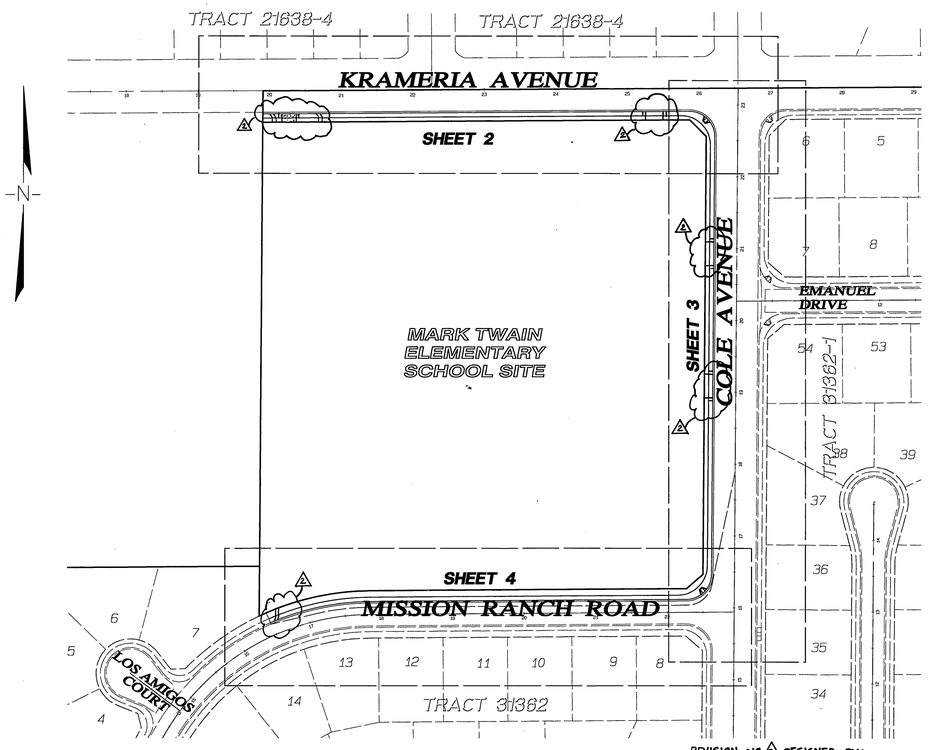
TYPICAL SECTION

⚠ CONSTRUCT 3 " A.C.
OVER 6 " CLASS II A.B.
PER S.R. 1645, R VALUE 60

COLE AVENUE
T.I.= 7.0
NTS



VICINITY MAP
N.T.S.



INDEX MAP

SCALE: 1" = 100'

GRAPHIC SCALE 1"=100'

0 100 200 300

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 DEVELOPER.
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. THE CONTRACTOR SHALL COORDINATE TRENCHING FOR CABLE TELEVISION WITH OTHER TRENCHING WITHIN THE SUBDIVISION.
15. CONSTRUCT DRIVEWAY APPROACHES PER STANDARD DRAWING 302, TYPE CURB-1. EXACT SIZE AND LOCATION TO BE STAKED BY THE PRIVATE ENGINEER PRIOR TO CONSTRUCTION OF THE CURB AND GUTTER.
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. QUANTITIES SHOWN ARE FOR INFORMATION ONLY AND THE CITY OF RIVERSIDE IS NOT RESPONSIBLE FOR THEIR ACCURACY.
18. TRAFFIC STRIPES, PAVEMENT MARKINGS, AND RAISED PAVEMENT MARKERS PER CALTRANS TRAFFIC MANUAL, STANDARD PLANS AND SPECIFICATIONS, LATEST EDITION.

CONSTRUCTION NOTES and QUANTITIES

1a	CONSTRUCT A.C. PAVING OVER CLASS II AGGREGATE BASE, PER TYPICAL SECTION	39,741 S.F.
1b	CONSTRUCT A.C. PAVING OVER CLASS II AGGREGATE BASE, PER TYPICAL SECTION	3,825 S.F.
2	CONSTRUCT TYPE 1 CURB & GUTTER, 6" C.F., PER CITY OF RIVERSIDE STD. NO. 200	1,880 L.F.
3	CONSTRUCT CURB SIDEWALK, PER CITY OF RIVERSIDE STD. NO. 325	11,277 S.F.
4	CONSTRUCT WHEELCHAIR RAMP, TYPE I, PER CITY OF RIVERSIDE STD. NO. 304	2 EA.
5	CONSTRUCT MID BLOCK WHEELCHAIR RAMP, TYPE II-A, PER CITY OF RIVERSIDE STD. NO. 304	1 EA.
6	CONSTRUCT STREET NAME SIGN, PER CITY OF RIVERSIDE STD. NO. 662A	2 EA.
7	SAWCUT MINIMUM 1' AND JOIN EXISTING PAVEMENT PER DETAIL ON SHEET 4	2,000 L.F.
7a	REMOVE EXISTING PAVEMENT	5,834 S.F.
8	REMOVE 2 x 4 REDWOOD HEADER AND JOIN EXISTING PAVEMENT	1,240 L.F.
9	INSTALL CLASS I, TYPE F DELINEATORS PER CALTRANS STD. PLAN A73C (20' O.C. TYP.)	6 EA.
10	PROTECT IN PLACE	
11	TO BE RELOCATED BY OTHERS	
12	ADJUST EXISTING VALVE TO GRADE	
20	REMOVE EXISTING STRIPING	1,240 L.F.
21	PAINT 4" SOLID YELLOW STRIPE	300 L.F.
22	PAINT 4" DASHED YELLOW STRIPE PER CALTRANS STD. PLAN A20A, DETAIL 1	1,240 L.F.
23	APPLY 12" SOLID YELLOW THERMOPLASTIC CROSSWALK STRIPE PER CALTRANS STD. PLAN A24E	
24	APPLY THERMOPLASTIC STOP LEGEND PER CALTRANS STD. PLAN A24D	
⚠2 13	CONSTRUCT DRIVEWAY APPROACH TYPE CURB-1 PER CITY OF RIVERSIDE STD. DWG. NO. 302.	4 EA.
14	CONSTRUCT CURB OUTLET PER CITY OF RIVERSIDE STD. DWG. NO. 410.	3 EA.

NOTICE TO CONTRACTOR

ACCORDING TO INFORMATION PROVIDED BY UNDERGROUND SERVICE ALERT (U.S.A.) DATED SEPTEMBER 2, 2003, THE FOLLOWING ORGANIZATIONS ARE U.S.A. MEMBERS WITHIN THE PROJECT AREA:

UTI FOR CHARTER COMMUNICATIONS
SBC / PACIFIC BELL
SOUTHERN CALIFORNIA GAS COMPANY
UTI FOR VERIZON - PERRIS
UTI FOR SC EDISON
WESTERN MUNICIPAL WATER DISTRICT
ADELPHIA - RIVERSIDE
UTI FOR CITY OF RIVERSIDE - ELECTRIC
CITY OF RIVERSIDE - TRAFFIC ENGINEERING
MARCH JOINT POWERS AUTHORITY

THE EXISTENCE AND LOCATIONS OF ALL UNDERGROUND UTILITIES (UTILITY PIPES, STRUCTURES, ETC.) SHOWN ON THESE PLANS (MAIN LINES ONLY - NO SERVICE LATERALS) WERE ASCERTAINED BY A REVIEW OF RECORDS PROVIDED BY THESE MEMBER AGENCIES AND ARE APPROXIMATE. NEITHER THE OWNER NOR THE ENGINEER ASSUMES ANY RESPONSIBILITY FOR UTILITIES NOT SHOWN OR NOT IN THE LOCATION SHOWN.

THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT ALL UTILITIES SHOWN ON THESE PLANS AND/OR ANY OTHER UNDERGROUND UTILITIES NOT OF RECORD OR NOT SHOWN ON THESE PLANS.

CALL UNDERGROUND SERVICE ALERT (U.S.A.) 1-800-227-2600 AT LEAST 2 WORKING DAYS PRIOR TO EXCAVATION.

THE QUANTITY ESTIMATE FILED IN THE CITY IS FOR THE USE OF GOVERNING AGENCIES IN DETERMINING BOND AMOUNTS AND/OR FEES AND IS NOT TO BE USED FOR BID PURPOSES.

STREET NAME AND TRAFFIC SIGN SCHEDULE

	NAME	BLOCK NO.
A	R-1 (STOP SIGN - 30")	
B	COLE AVENUE,	9500
	KRAMERIA AVENUE	19500

INSTALL SIGNS PER C/R STD. 662A AND STD. 666.

NOTE: WORK CONTAINED WITHIN THESE PLANS SHALL NOT COMMENCE UNTIL AN ENCROACHMENT PERMIT AND/OR A GRADING PERMIT HAS BEEN ISSUED.

THE PRIVATE ENGINEER SIGNING THESE PLANS IS RESPONSIBLE FOR ASSURING THE ACCURACY AND ACCEPTABILITY OF THE DESIGN HEREON. IN THE EVENT OF DISCREPANCIES ARISING AFTER COUNTY APPROVAL OR DURING CONSTRUCTION THE PRIVATE ENGINEER SHALL BE RESPONSIBLE FOR DETERMINING AN ACCEPTABLE SOLUTION AND REVISING THE PLANS FOR APPROVAL BY THE COUNTY.

REVISION NO. ⚠2 DESIGNED BY: PW05-0868

RHA
Engineering, Inc.
6974 BROCKTON AVENUE • SUITE 100
RIVERSIDE, CA 92506
(951) 683-8088 FAX (951) 683-6915
CITY BUSINESS TAX CERTIFICATE #41875, EXP. 3/16/06
STEVEN L. RAY R.C.E. 35334 EXP. 3/30/07 10-11-05 DATE

REGISTERED PROFESSIONAL ENGINEER STEVEN L. RAY No. C35334 Exp. 09-30-07 CIVIL STATE OF CALIFORNIA

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

REVIEW BY:
WESTERN MUNICIPAL WATER DISTRICT
FOR NON-INTERFERENCE COMPLIANCE
SHEET 1 THROUGH 4
CIVIL ENGINEER RCE 46212
DATE: 12/9/04

BENCH MARK:

CITY OF RIVERSIDE BENCH MARK GPS-67

1-1/4" BRASS CAP IN A WELL MONUMENT, 5" DEEP IN THE CENTER OF BARTON STREET, 230 FEET SOUTHERLY OF THE INTERSECTION OF BARTON AND VAN BUREN BLVD.

ELEVATION: 1757.219

CITY BUSINESS TAX CERTIFICATE NO. 005751 EXP. 12-31-05

REGISTERED PROFESSIONAL ENGINEER HUA LIN McCAFFREY NO. C49405 EXP. 9-30-06 CIVIL STATE OF CALIFORNIA

ALBERT A. WEBB ASSOCIATES
CIVIL ENGINEERS
3788 McCRAY STREET RIVERSIDE, CA 92506
(951) 686-1070

APPROVED BY [signature] DATE 12-7-04
R.C.E. NO. C49405

MARK	REVISIONS	APPR.	DATE
⚠2	ADDED SCHOOL DRIVEWAYS & CURB OUTLETS	RJZ	11-17-05
⚠1	ADDED PAVING SECTIONS	RJZ	5-20-05

DESIGNED BY: J.M. CHECKED BY: L.M.

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

	APPROVED BY	BY	DATE
PRINCIPAL ENGINEER			
PARK DEPARTMENT			
TRAFFIC DIVISION			
STREET SERVICES			

APPROVED BY [signature] CITY ENGINEER
DATE 3/23/05

RJZ

STREET IMPROVEMENT PLANS

MARK TWAIN ELEMENTARY SCHOOL SITE

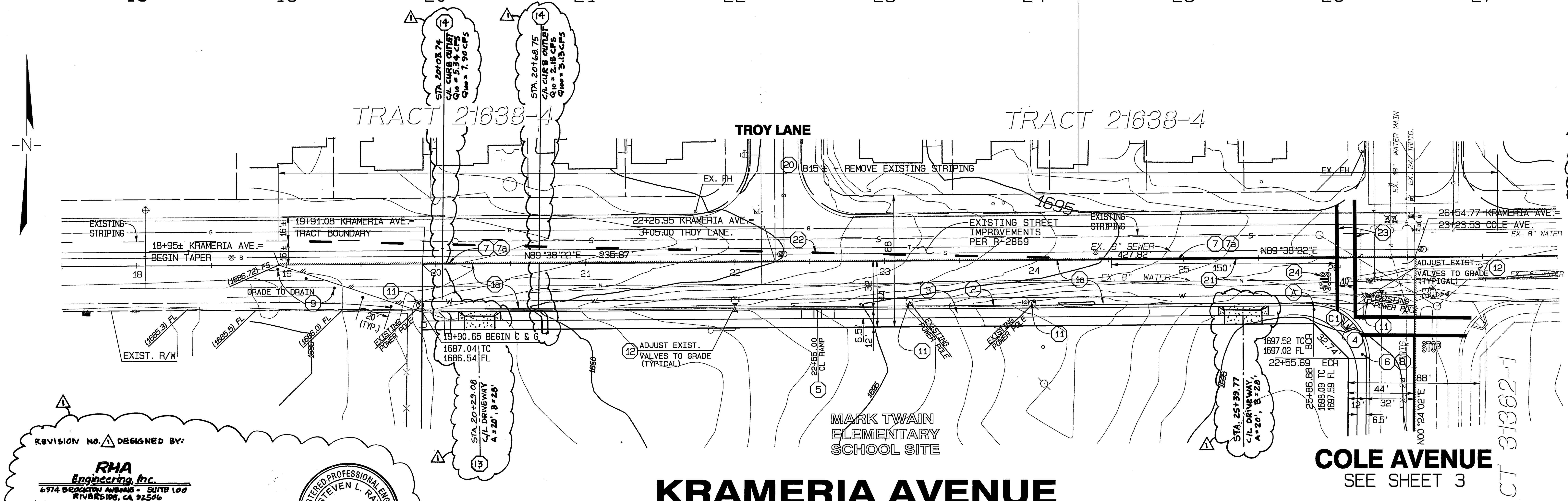
S.W. CORNER KRAMERIA AVE. & COLE AVE.
INDEX SHEET

SCALE: AS SHOWN

FILE NO. 03-0269
DRAWING NUMBER
R-3823
SHEET 1 OF 4
PW 04-0768

INDEXED 3-28-05 [signature]

FILE: G:\2003\03-0269\Streets\03-0269-Str.pro PLOT DATE: 12/6/2004



KRAMERIA AVENUE

COLE AVENUE
SEE SHEET 3

CURVE DATA

CURVE	DELTA	RADIUS	ARC	TANGENT
C1	90°45'40"	35.00'	55.44'	35.47'

REVISION NO. △1 DESIGNED BY:

RHA Engineering, Inc.
6974 BROCKTON AVENUE · SUITE 100
RIVERSIDE, CA 92506
(951) 683-8086 FAX (951) 683-6915
CITY BUSINESS TAX CERTIFICATE #41875, EXP. 3/16/06
STEVEN L. RAY R.C.E. 35334 EXP. 9/30/07 DATE 10-11-05

REGISTERED PROFESSIONAL ENGINEER STEVEN L. RAY No. C35334 Exp. 09-30-07 CIVIL STATE OF CALIFORNIA

(13) CONSTRUCT DRIVEWAY APPROACH TYPE CURB-1 PER CITY OF RIVERSIDE STD. DWG. NO. 302.

(14) CONSTRUCT CURB OUTLET PER CITY OF RIVERSIDE STD. DWG. NO. 410.

CONSTRUCTION NOTES

(1a) CONSTRUCT A.C. PAVING OVER CLASS II AGGREGATE BASE, PER TYPICAL SECTION

(2) CONSTRUCT TYPE 1 CURB & GUTTER, 6" C.F., PER CITY OF RIVERSIDE STD. NO. 200

(3) CONSTRUCT CURB SIDEWALK, PER CITY OF RIVERSIDE STD. NO. 325

(4) CONSTRUCT WHEELCHAIR RAMP, TYPE I, PER CITY OF RIVERSIDE STD. NO. 304

(5) CONSTRUCT MID BLOCK WHEELCHAIR RAMP, TYPE II-A, PER CITY OF RIVERSIDE STD. NO. 304

(6) CONSTRUCT STREET NAME SIGN, PER CITY OF RIVERSIDE STD. NO. 662A

(7) SAWCUT MINIMUM 1' AND JOIN EXISTING PAVEMENT PER DETAIL ON SHEET 4

(7a) REMOVE EXISTING PAVEMENT

(9) INSTALL CLASS I, TYPE F DELINEATORS PER CALTRANS STD. PLAN A73C (20' O.C. TYP.)

(10) PROTECT IN PLACE

(11) TO BE RELOCATED BY OTHERS

(12) ADJUST EXISTING VALVE TO GRADE

(20) REMOVE EXISTING STRIPING

(21) PAINT 4" SOLID YELLOW STRIPE

(22) PAINT 4" DASHED YELLOW STRIPE PER CALTRANS STD. PLAN A20A, DETAIL 1

(23) APPLY 12" SOLID YELLOW THERMOPLASTIC CROSSWALK STRIPE PER CALTRANS STD. PLAN A24E

(24) APPLY THERMOPLASTIC STOP LEGEND PER CALTRANS STD. PLAN A24D

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

BENCH MARK:

CITY OF RIVERSIDE BENCH MARK GPS-67

1-1/4" BRASS CAP IN A WELL MONUMENT, 5" DEEP IN THE CENTER OF BARTON STREET, 230 FEET SOUTHERLY OF THE INTERSECTION OF BARTON AND VAN BUREN BLVD.

ELEVATION: 1757.219

GRAPHIC SCALE 1"=40'
40 20 0 40 80 120

CITY BUSINESS TAX CERTIFICATE NO. 005751 EXP. 12-31-05

REGISTERED PROFESSIONAL ENGINEER HUA LIN McCAFFREY NO. C49405 EXP. 9-30-06 CIVIL STATE OF CALIFORNIA

ALBERT A. WEBB ASSOCIATES
CIVIL ENGINEERS
3788 McCRAY STREET RIVERSIDE, CA 92506
(951) 686-1070

APPROVED BY ______ DATE 12-7-04
R.C.E. NO. C49405

MARK	REVISIONS	APPR.	DATE
△1	ADDED SCHOOL DRIVEWAYS & CURB OUTLETS	RJZ	11.17.05

DESIGNED BY: J.M. CHECKED BY: L.M.

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER	AH	3/23/05
PARK DEPARTMENT	—	—
TRAFFIC DIVISION	Z	3/23/05
STREET SERVICES	—	—

APPROVED BY ______ CITY ENGINEER
DATE 3/23/05

STREET IMPROVEMENT PLANS

MARK TWAIN ELEMENTARY SCHOOL SITE
KRAMERIA AVENUE

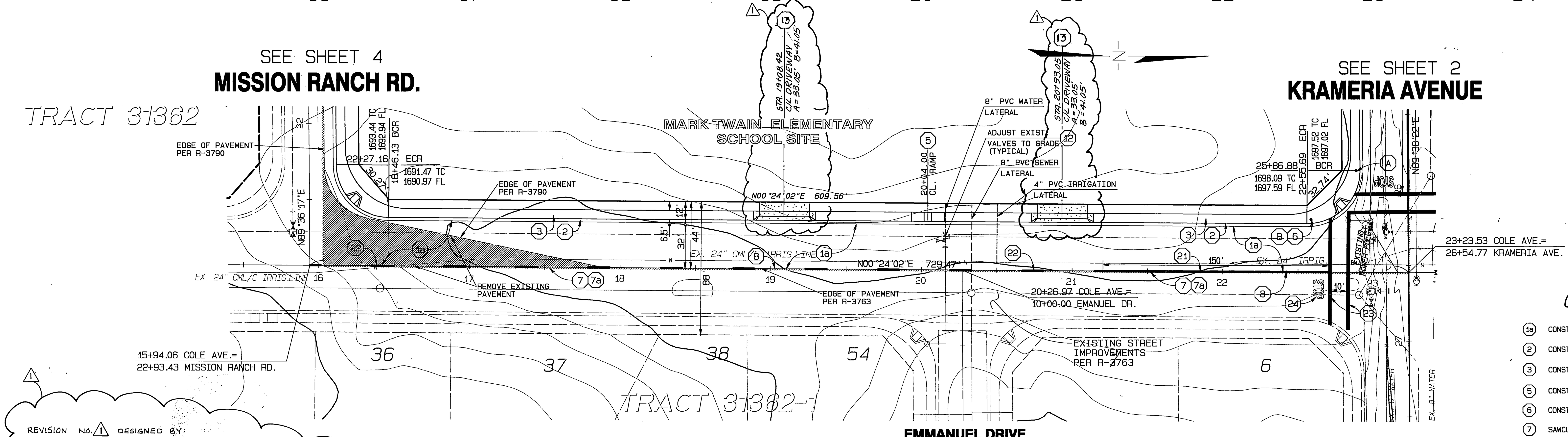
SCALE: HORIZ.: 1"=40' VERT.: 1"=4'

FILE NO. 03-0269
DRAWING NUMBER
R-3823
SHEET 2 OF 4
PW 04-0768

RJZ

INDEXED 3-28-05 LH

FILE: G:\2003\03-0269\Streets\03-0269-Str.pro PLOT DATE: 12/6/2004



COLE AVENUE

CONSTRUCTION NOTES

- (1a) CONSTRUCT A.C. PAVING OVER CLASS II AGGREGATE BASE, PER TYPICAL SECTION.
- (2) CONSTRUCT TYPE 1 CURB & GUTTER, 6" C.F., PER CITY OF RIVERSIDE STD. NO. 200
- (3) CONSTRUCT CURB SIDEWALK, PER CITY OF RIVERSIDE STD. NO. 325
- (5) CONSTRUCT MID BLOCK WHEELCHAIR RAMP, TYPE II-A, PER CITY OF RIVERSIDE STD. NO. 304
- (6) CONSTRUCT STREET NAME SIGN, PER CITY OF RIVERSIDE STD. NO. 662 OR 662A
- (7) SAWCUT MINIMUM 1' AND JOIN EXISTING PAVEMENT PER DETAIL ON SHEET 4
- (7a) REMOVE EXISTING PAVEMENT
- (8) REMOVE 2 x 4 REDWOOD HEADER AND JOIN EXISTING PAVEMENT
- (12) ADJUST EXISTING VALVE TO GRADE
- (21) PAINT 4" SOLID YELLOW STRIPE
- (22) PAINT 4" DASHED YELLOW STRIPE PER CALTRANS STD. PLAN A20A, DETAIL 1
- (23) APPLY 12" SOLID YELLOW THERMOPLASTIC CROSSWALK STRIPE PER CALTRANS STD. PLAN A24E
- (24) APPLY THERMOPLASTIC STOP LEGEND PER CALTRANS STD. PLAN A24D
- (13) CONSTRUCT DRIVEWAY APPROACH TYPE CURB-1 PER CITY OF RIVERSIDE STD. DWG. NO. 302. (Revision 1)

REVISION NO. 1 DESIGNED BY:

RHA Engineering, Inc.
6974 BROCKTON AVENUE • SUITE 100
RIVERSIDE, CA. 92506
(951) 683-8088 FAX (951) 683-6915
CITY BUSINESS TAX CERTIFICATE #41875, EXP. 3/16/06

[signature] 10-11-05
STEVEN L. RAY R.C.E 35334 EXP. 9/30/07 DATE

REGISTERED PROFESSIONAL ENGINEER — STEVEN L. RAY — No. C35334 — Exp. 09-30-07 — CIVIL — STATE OF CALIFORNIA

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

BENCH MARK:

CITY OF RIVERSIDE BENCH MARK GPS-67

1-1/4" BRASS CAP IN A WELL MONUMENT, 5" DEEP IN THE CENTER OF BARTON STREET, 230 FEET SOUTHERLY OF THE INTERSECTION OF BARTON AND VAN BUREN BLVD.

ELEVATION: 1757.219

GRAPHIC SCALE 1"=40'
40 20 0 40 80 120

CITY BUSINESS TAX CERTIFICATE NO. 005751 EXP. 12-31-05

REGISTERED PROFESSIONAL ENGINEER — HUA LIN McCAFFREY — NO. C49405 — EXP. 9-30-06 — CIVIL — STATE OF CALIFORNIA

ALBERT A. WEBB ASSOCIATES
CIVIL ENGINEERS
3788 McCRAY STREET RIVERSIDE, CA 92506
(951) 686-1070
APPROVED BY [signature] DATE 12-7-04
R.C.E. NO. C49405

MARK	REVISIONS	APPR.	DATE
1	ADDED SCHOOL DRIVEWAYS	RVZ	11.17.05

DESIGNED BY: J.M. CHECKED BY: L.M.

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER	[initials]	3/23/05
PARK DEPARTMENT	—	—
TRAFFIC DIVISION	[initials]	3/23/05
STREET SERVICES	—	—

APPROVED BY [signature] CITY ENGINEER
DATE 3/23/05

STREET IMPROVEMENT PLANS

MARK TWAIN ELEMENTARY SCHOOL SITE
COLE AVENUE

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

FILE NO. 03-0269
DRAWING NUMBER
R-3823
SHEET 3 OF 4
PW 04-0768

RVZ

INDEXED 3-28-05 4H

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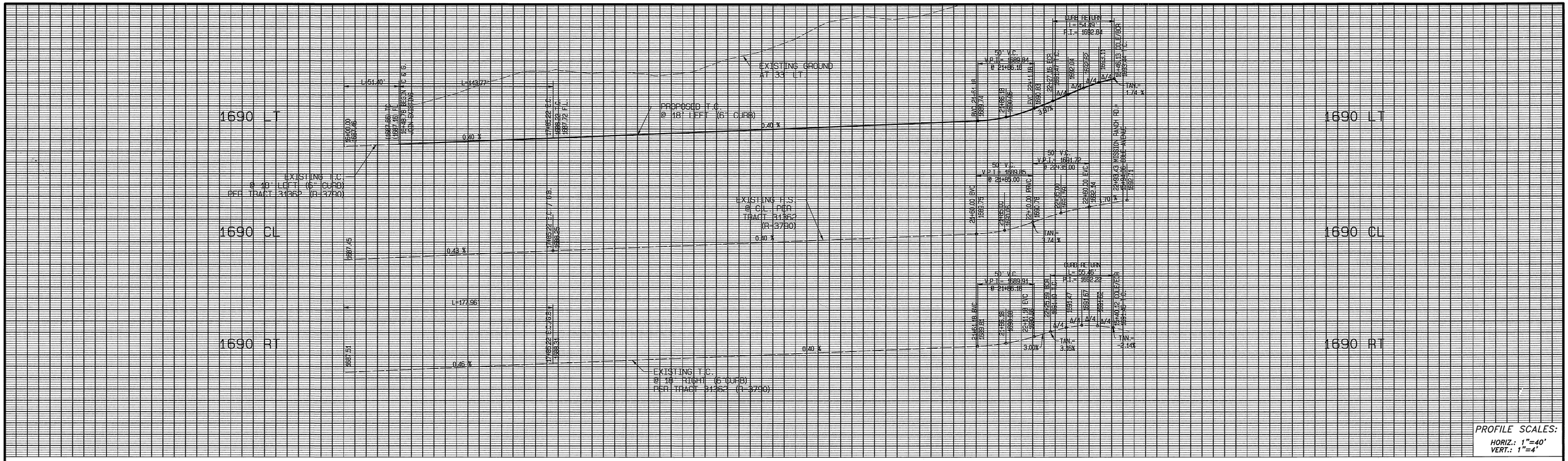

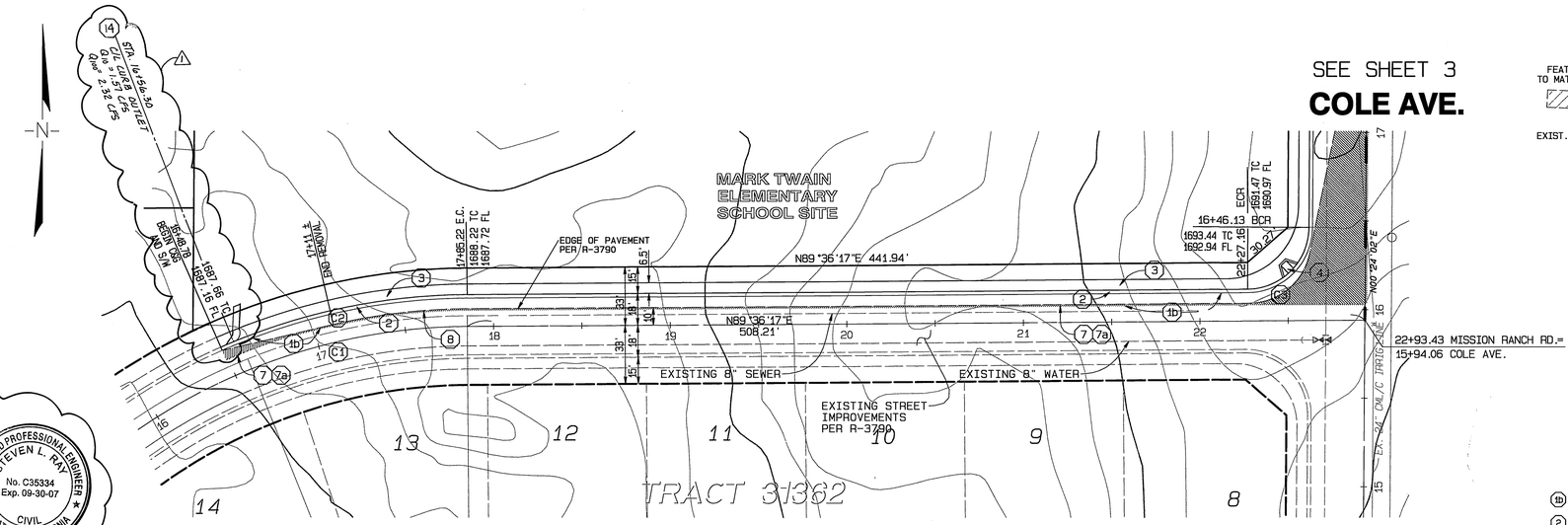

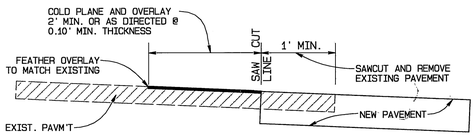

OVERLAY JOIN DETAIL

NTS

CONSTRUCTION NOTES

1b CONSTRUCT A.C. PAVING OVER CLASS II AGGREGATE BASE, PER TYPICAL SECTION
2 CONSTRUCT TYPE 1 CURB & GUTTER, 6" C.F., PER CITY OF RIVERSIDE STD. NO. 200
3 CONSTRUCT CURB SIDEWALK, PER CITY OF RIVERSIDE STD. NO. 325
4 CONSTRUCT WHEELCHAIR RAMP, TYPE I, PER CITY OF RIVERSIDE STD. NO. 304
7 SAWCUT MINIMUM 1' AND JOIN EXISTING PAVEMENT PER DETAIL ON SHEET 4
7a REMOVE EXISTING PAVEMENT
8 REMOVE 2 x 4 REDWOOD HEADER AND JOIN EXISTING PAVEMENT
14 CONSTRUCT CURB OUTLET PER CITY OF RIVERSIDE STD. DWG. NO. 410.

CURVE DATA

CURVE	DELTA	RADIUS	ARC	TANGENT
C1	23°20'06"	335.00'	136.44'	69.18'
C2	23°20'06"	353.00'	143.77'	72.89'
C3	88°12'15"	35.00'	54.49'	34.52'

MISSION RANCH ROAD

REVISION NO. 1 DESIGNED BY:

RHA Engineering, Inc.
6974 BROCKTON AVENUE - SUITE 100
RIVERSIDE, CA. 92506
(951) 683-8088 FAX (951) 683-6915
CITY BUSINESS TAX CERTIFICATE #41875. EXP 3/16/06

STEVEN L. RAY R.C.E. 35334 EXP. 9/30/07 DATE 10-11-05

REGISTERED PROFESSIONAL ENGINEER STEVEN L. RAY No. C35334 Exp. 09-30-07 CIVIL STATE OF CALIFORNIA

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

BENCH MARK:
CITY OF RIVERSIDE BENCH MARK GPS-67
1-1/4" BRASS CAP IN A WELL MONUMENT, 5" DEEP IN THE CENTER OF BARTON STREET, 230 FEET SOUTHERLY OF THE INTERSECTION OF BARTON AND VAN BUREN BLVD.
ELEVATION: 1757.219

GRAPHIC SCALE 1"=40'
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CITY BUSINESS TAX CERTIFICATE NO. 005751 EXP. 12-31-05

REGISTERED PROFESSIONAL ENGINEER HUA LIN McCAFFREY No. C49405 EXP. 9-30-06 CIVIL STATE OF CALIFORNIA

ALBERT A. WEBB ASSOCIATES
CIVIL ENGINEERS
3788 McCRAY STREET RIVERSIDE, CA 92506
(951) 686-1070

APPROVED BY [signature] DATE 12-7-04
R.C.E. NO. C49405

MARK	REVISIONS	APPR.	DATE
1	ADDED SCHOOL CURB OUTLET	RJZ	11-17-05

DESIGNED BY: J.M. CHECKED BY: L.M.

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER		3/23/05
PARK DEPARTMENT		
TRAFFIC DIVISION		3/23/05
STREET SERVICES		

APPROVED BY [signature] CITY ENGINEER
DATE 3/23/05

RJZ

STREET IMPROVEMENT PLANS
MARK TWAIN ELEMENTARY SCHOOL SITE
MISSION RANCH ROAD

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

FILE NO. 03-0269
DRAWING NUMBER **R-3823**
SHEET 4 OF 4
PW 04-0768

INDEXED 3-28-05 LH

FILE: G:\2003\03-0269\Streets\03-0269-Sht.dgn PLOT DATE: 12/7/2004