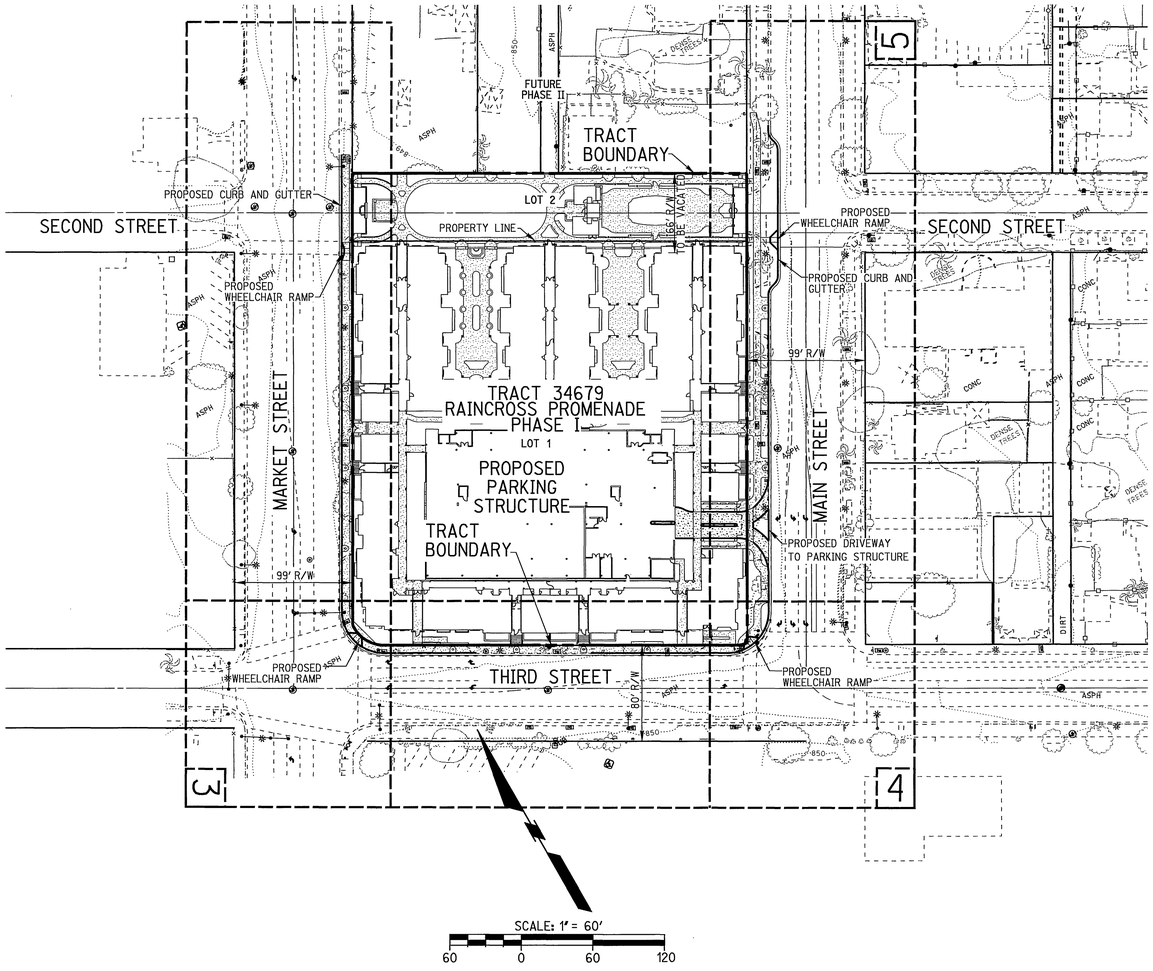
IN THE CITY OF RIVERSIDE, CALIFORNIA

STREET IMPROVEMENT PLANS

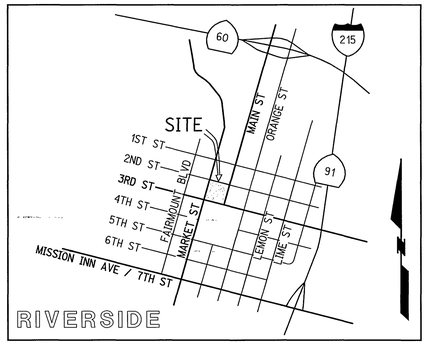
TRACT 34679 - RAINCROSS PROMENADE

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. QUANTITIES SHOWN ARE FOR INFORMATION ONLY AND THE CITY OF RIVERSIDE IS NOT RESPONSIBLE FOR THEIR ACCURACY.
15. 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.
16. EXISTING UTILITIES SHOWN ON THE PLAN ARE PLOTTED FROM UTILITY RECORDS. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO LOCATE AND PROTECT ALL UTILITIES WHETHER OR NOT SHOWN ON THIS PLANS.



INDEX MAP



VICINITY MAP
N.T.S.

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 REGULATIONS 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 CONTRACTOR'S AND SUBCONTRACTOR'S 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 HEREON, AND FOR ANY DAMAGE OR PROTECTION TO THESE LINES.

OWNER/DEVELOPER

REGIONAL PROPERTIES
1875 CENTURY PARK EAST, STE 1350
CENTURY CITY, CA 90067
ATTN: MR. MARK RUBIN

CIVIL ENGINEER

RICK ENGINEERING COMPANY
1223 UNIVERSITY AVENUE, SUITE 240
RIVERSIDE, CA 92507
ATTN: MARTEN L. ANDERSON, RCE 51313
(951) 782-0707

GEOTECHNICAL ENGINEER

SOIL EXPLORATION COMPANY, INC.
7265 JURUPA AVENUE, STE H
RIVERSIDE, CA 92504
(951) 688-7200

UTILITIES

POWER:	CITY OF RIVERSIDE	951-826-5393
WATER:	CITY OF RIVERSIDE	951-826-5285
TELEPHONE:	PACIFIC TELEPHONE CO.	909-666-5454
SEWER:	CITY OF RIVERSIDE	951-826-5341
GAS:	SOUTHERN CALIFORNIA GAS COMPANY	909-335-3919

SOURCE OF TOPOGRAPHY

TOPOGRAPHY PERFORMED BY RICK ENGINEERING COMPANY ON 01/19/06.

REFERENCE DRAWINGS

STORM DRAIN	D-823
SIGNING AND STRIPING	XL-581
PRECISE GRADING PLANS	PW07-0433

PUBLIC UTILITIES DEPARTMENT NOTES

DEVELOPER TO GIVE CITY WATER DIVISION FIVE (5) WORKING DAYS WRITTEN NOTICE PRIOR TO START OF CONSTRUCTION AND TO ALLOW CITY FIFTEEN (15) WORKING DAYS FOR COMPLETION OF WORK. (951-351-6368)

ASSESSOR PARCEL NO.	ADDRESS NO.
213-072-001	3216 MARKET STREET
213-072-002	3225 MAIN STREET
213-072-003	3231 MAIN STREET
213-072-004	3272 MARKET STREET
213-072-005	3743 THIRD STREET
213-072-006	3283 MAIN STREET

SHEET INDEX

SHT NO	DESCRIPTION	
1	TITLE SHEET	
2	NOTES AND DETAILS	
3	MARKET STREET	STA 3+46.14 TO STA 7+90.96
4	THIRD STREET	STA 2+00.00 TO STA 6+29.88
5	MAIN STREET	STA 0+00.00 TO STA 4+69.47

CITY OF RIVERSIDE
PUBLIC UTILITIES DEPARTMENT-WATER DIVISION
APPROVED — DATE 6/12/08

CITY OF RIVERSIDE
PUBLIC UTILITIES DEPARTMENT-ELECTRIC DIVISION
APPROVED — DATE 6/12/08

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 — MARTEN L. ANDERSON — No. 51313 Exp. 6-30-08 — CIVIL — STATE OF CALIFORNIA

PREPARED UNDER THE DIRECTION OF
MARTEN L. ANDERSON
REGISTERED CIVIL ENGINEER NO. 51313
EXPIRATION DATE 6-30-08

RICK ENGINEERING COMPANY
1223 UNIVERSITY AVENUE - SUITE 240
RIVERSIDE, CA 92507
951.782.0707
(FAX)951.782.0723
rickengineering.com
Riverside San Diego Orange Sacramento Phoenix Tucson

CITY BUSINESS TAX CERTIFICATE NO. 35225 EXP. DATE 7/20/08

BENCH MARK — POINT ID 17-S3 — ELEVATION 852.637
P.K. NAIL AND CITY ENGINEER TAG IN THE BACK OF A CATCH BASIN ALONG THE WESTERLY CURB OF ORANGE STREET AT THE SOUTHWEST CORNER OF ORANGE STREET AND THIRD STREET

MARK	REVISIONS	APPR	DATE

DESIGNED BY CSW/OP — DRAWN BY CSW/OP — CHECKED BY KB

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

	BY	DATE
APPROVED BY		
PRINCIPAL ENGINEER		7-14-08
TRAFFIC DIVISION		7-14-08

CITY ENGINEER — 7/14/08

STREET IMPROVEMENT PLANS — PW07-0632
RAINCROSS PROMENADE
TRACT 34679
TITLE SHEET
R-4047
SHEET 1 OF 5
SCALE: SEE — HORIZ: ABOVE — VERT: N/A
FILE NO.

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INDEXED 7-25-08 LH

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PLOT DATE: 11-JUN-2008 JN 15133A

CONSTRUCTION NOTES AND QUANTITY ESTIMATES

1	CONSTRUCT 6' CURB AND GUTTER TYPE I PER CITY OF RIVERSIDE STD DWG NO 200	1,100 LF
2	CONSTRUCT WHEELCHAIR RAMP PER CITY OF RIVERSIDE STD DWG NO 304, TYPE I	3 EA
3	CONSTRUCT SIDEWALK PER CITY OF RIVERSIDE STD DWG NO 325, W PER PLAN	6,700 SF
4	REMOVE EXISTING CURB AND GUTTER	1,035 LF
5	SAWCUT AND REMOVE EXISTING AC PAVEMENT	4,500 SF
6	GRIND AND OVERLAY PER DETAIL ON SHEET 2	2,600 SF
7	EXISTING LIGHT POLE PROTECT IN PLACE	
8	REMOVE EXISTING SIDEWALK	6,000 SF
9	RELOCATE EXISTING LIGHT POLE	2 EA
10	REMOVE EXISTING POWERPOLE BY CITY FORCES	1 EA
11	RELOCATE EXISTING TREES PER LANDSCAPE PLANS	14 EA
12	CONSTRUCT 6' THICK CLASS 520-C-2500 CONCRETE DRIVE CORRIDOR PER CITY OF RIV STD 302 AND 303	500 SF
13	CONSTRUCT WHEELCHAIR RAMP PER CITY OF RIVERSIDE STD DWG NO 304, TYPE II-A	1 EA
14	REMOVE EXISTING DRIVEWAY APPROACH	4,000 SF
15	REMOVE EXISTING PRIVATE LIGHT FIXTURE	9 EA
16	ADJUST MANHOLE TO GRADE	1 EA
17	CONSTRUCT 6' CURB TYPE II PER CITY OF RIVERSIDE STD DWG NO. 200	39 LF
18	RELOCATE EXISTING ELECTRIC PULL BOX BEHIND CURB, RELOCATE CONDUIT	4 EA
19	RELOCATE EXISTING TRAFFIC SIGNAL PULL BOX BEHIND CURB, RELOCATE CONDUIT	4 EA
20	RELOCATE EXISTING TRAFFIC SIGNAL POLE, LIGHT AND PED. SIGNAL BEHIND CURB, RELOCATE CONDUIT	1 EA
21	CONSTRUCT ' AC PAVING OVER ' AGGREGATE BASE PER SOILS REPORT # , R-VALUE=	3,000 SF

WATER CONSTRUCTION NOTES, BY CITY FORCES, AND QUANTITY ESTIMATES

1	INSTALL 6" COMPOUND METER WATER SERVICE PER CITY OF RIVERSIDE PUD STD CWD-620-1, DOMESTIC	1 EA
2	INSTALL 6" FIRE SERVICE CONNECTION, PER CITY OF RIVERSIDE PUD STD CWD-615	1 EA
3	INSTALL 8" FIRE SERVICE CONNECTION, PER CITY OF RIVERSIDE PUD STD CWD-615	1 EA
4	REMOVE EXISTING WATER METER	5 EA
5	NOT USED	
6	INSTALL SUPER FH PER CITY OF RIVERSIDE PUD STD CWD-700, BY CITY FORCES	1 EA
7	ABANDON EXISTING 4" STL & 2" GALVANIZE MAIN (INCLUDES ABANDONING FIRE HYDRANT, (2) GATE VALVES, (3) 3/4" SERVICES AND (1) 1" SERVICE).	1 LS

CONSTRUCTION LEGEND

PROPOSED AC PAVEMENT

PROPOSED CURB AND GUTTER

REMOVALS

GRIND AND OVERLAY

UNDERGROUND UTILITIES LEGEND

EXISTING SANITARY SEWER — X"S —

EXISTING WATER LINE — X"W —

EXISTING STORM DRAIN — 8"SD —

EXISTING GAS LINE — 2"G —

EXISTING TELEPHONE CONDUIT — T —

EXISTING ELECTRICAL CONDUIT — E —

EXISTING TRAFFIC SIGNAL — SIG —

EXISTING CABLE TV — TV —

EXISTING TOPO LEGEND

EXISTING FENCE — X —

DIRECTION OF FLOW

EXISTING SANITARY SEWER MANHOLE (S)

EXISTING STORM DRAIN MANHOLE (SD)

EXISTING TELEPHONE VAULT T

EXISTING WATER METER W

EXISTING FIRE HYDRANT

EXISTING POLE AND GUY ANCHOR

EXISTING POWER POLE PP

EXISTING TELEPHONE POLE T

EXISTING JOINT USE POLE J

EXISTING TRAFFIC SIGNAL BOX TS

EXISTING TRAFFIC SIGN

EXISTING STREET NAME SIGN

EXISTING GAS METER G

EXISTING WALK-DON'T WALK PED SIGNAL

PED PUSH BUTTON PPB

EXISTING TRAFFIC SIGNAL

EXISTING TRAFFIC SIGNAL ON MAST ARM

EXISTING TRAFFIC SIGNAL CONTROLLER

EXISTING TRAFFIC SIGNAL PRESSURE DETECTOR

EXISTING TRAFFIC SIGNAL LOOP DETECTOR

EXISTING ELECTROLIER

EXISTING ASPHALT A

EXISTING CONCRETE CONC

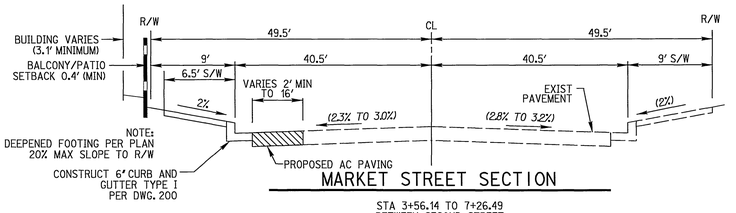
EXISTING BUILDING

EXISTING PCC CURB

EXISTING PCC CURB AND GUTTER

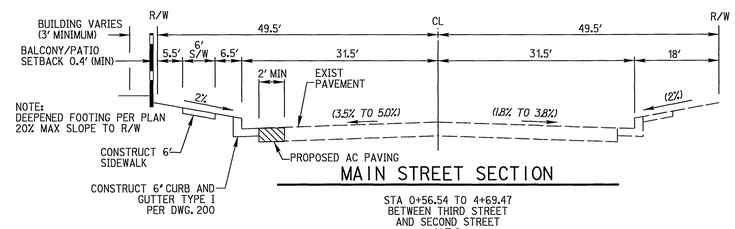
ABBREVIATIONS

GRADE BREAK	GB
TOP OF CURB ELEVATION	TC
FLOW LINE ELEVATION	FL
FINISHED SURFACE ELEVATION	FS
FINISHED GRADE ELEVATION	FG
EDGE OF PAVEMENT ELEVATION	EP



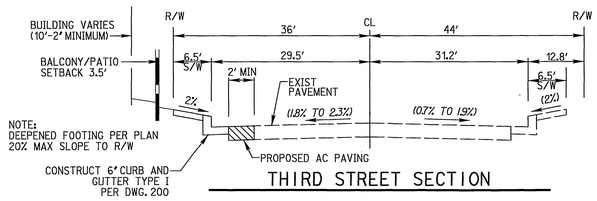
MARKET STREET SECTION

STA 3+56.14 TO 7+26.49
BETWEEN SECOND STREET
AND THIRD STREET
N.T.S



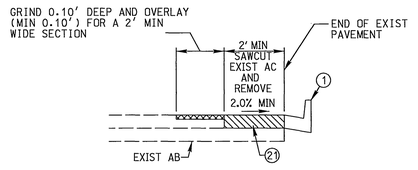
MAIN STREET SECTION

STA 0+56.54 TO 4+69.47
BETWEEN THIRD STREET
AND SECOND STREET
N.T.S



THIRD STREET SECTION

STA 2+75.48 TO 5+71.34
BETWEEN MARKET STREET
AND MAIN STREET
N.T.S



GRIND AND OVERLAY DETAIL 6

N.T.S.

CITY OF RIVERSIDE
PUBLIC UTILITIES DEPARTMENT-WATER DIVISION

APPROVED — DATE 6/12/08

CITY OF RIVERSIDE
PUBLIC UTILITIES DEPARTMENT-ELECTRIC DIVISION

APPROVED — DATE 6/12/08

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

PREPARED UNDER THE DIRECTION OF
MARTEN L. ANDERSON — 6/11/08
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EXPIRATION DATE 6-30-08

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RIVERSIDE, CA 92507
951.782.0707
(FAX)951.782.0723
rickengineering.com
Riverside San Diego Orange Sacramento Phoenix Tucson

CITY BUSINESS TAX CERTIFICATE NO. 35225 EXP. DATE 7/20/08

BENCH MARK POINT ID 17-S3 ELEVATION 852.637

P.K. NAIL AND CITY ENGINEER TAG IN THE BACK OF A CATCH BASIN ALONG THE WESTERLY CURB OF ORANGE STREET AT THE SOUTHWEST CORNER OF ORANGE STREET AND THIRD STREET

MARK	REVISIONS	APPR	DATE

DESIGNED BY CSW/OP DRAWN BY CSW/OP CHECKED BY KB

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

	BY	DATE
APPROVED BY		
PRINCIPAL ENGINEER	MK	7/24/08
TRAFFIC DIVISION	KL	7/24/08

CITY ENGINEER 7/24/08

STREET IMPROVEMENT PLANS
RAINCROSS PROMENADE
TRACT 34679
NOTES AND DETAIL SHEET

PW07-0632
R-4047
SHEET 2 OF 5

SCALE
HORIZ: N/A VERT: N/A

FILE NO.

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Indexed 7-25-08 KH

PLOT DATE: 11-JUN-2008 JN 15133A

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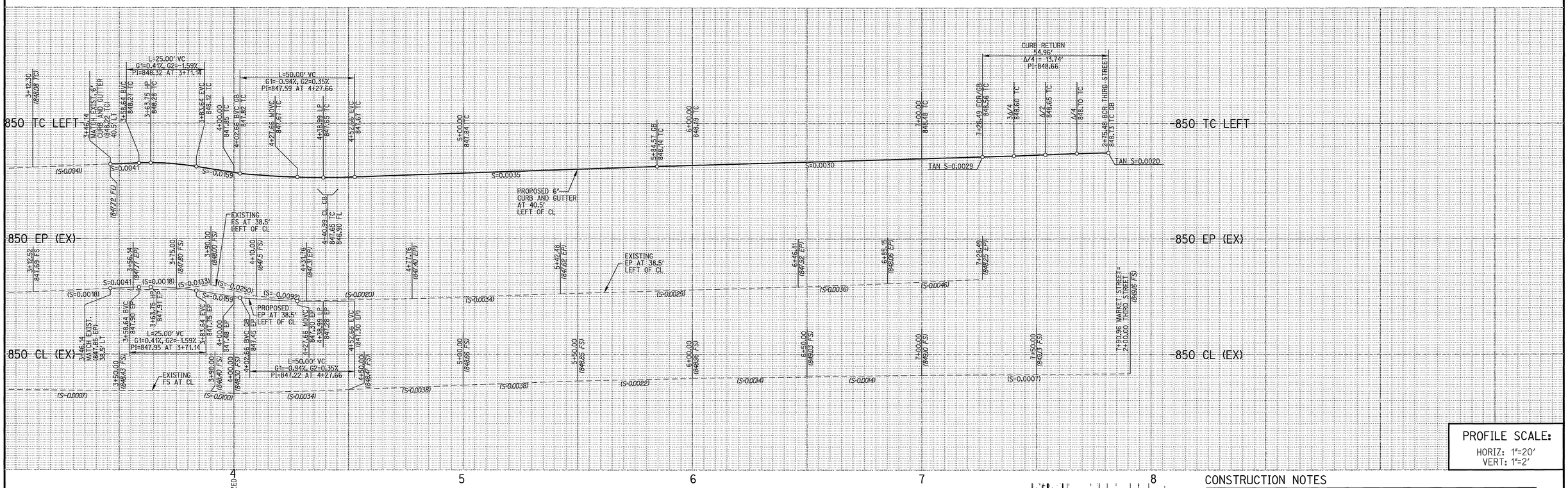

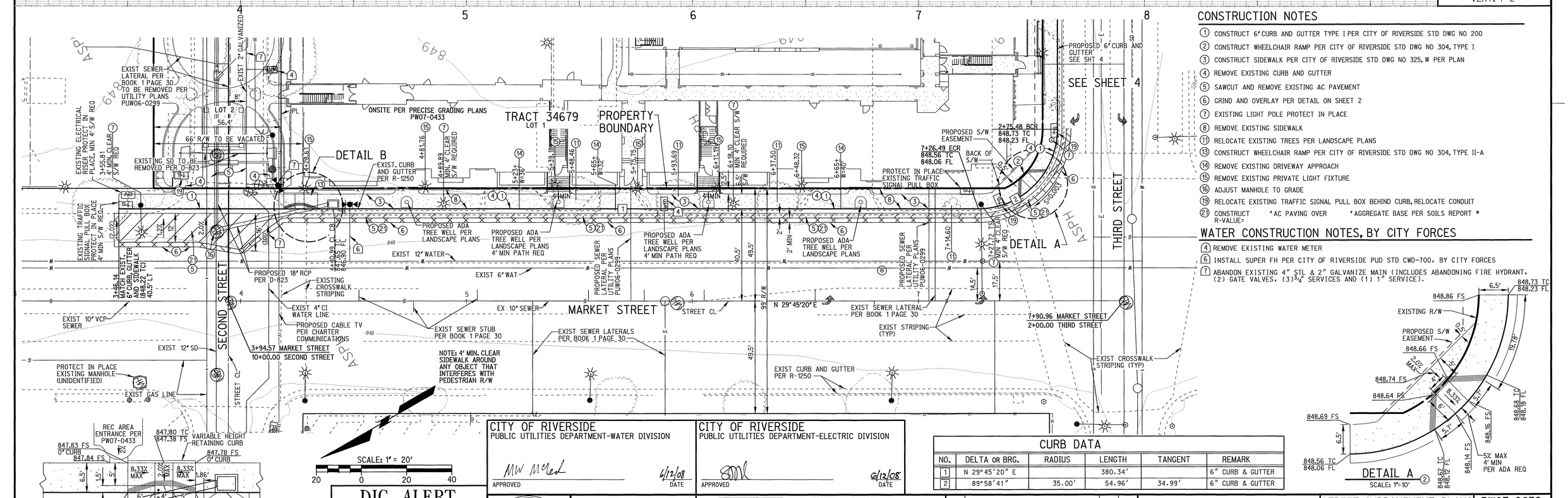

CONSTRUCTION NOTES

1. CONSTRUCT 6" CURB AND GUTTER TYPE I PER CITY OF RIVERSIDE STD DWG NO 200
2. CONSTRUCT WHEELCHAIR RAMP PER CITY OF RIVERSIDE STD DWG NO 304, TYPE I
3. CONSTRUCT SIDEWALK PER CITY OF RIVERSIDE STD DWG NO 325, W PER PLAN
4. REMOVE EXISTING CURB AND GUTTER
5. SAWCUT AND REMOVE EXISTING AC PAVEMENT
6. GRIND AND OVERLAY PER DETAIL ON SHEET 2
7. EXISTING LIGHT POLE PROTECT IN PLACE
8. REMOVE EXISTING SIDEWALK
11. RELOCATE EXISTING TREES PER LANDSCAPE PLANS
13. CONSTRUCT WHEELCHAIR RAMP PER CITY OF RIVERSIDE STD DWG NO 304, TYPE II-A
14. REMOVE EXISTING DRIVEWAY APPROACH
15. REMOVE EXISTING PRIVATE LIGHT FIXTURE
16. ADJUST MANHOLE TO GRADE
19. RELOCATE EXISTING TRAFFIC SIGNAL PULL BOX BEHIND CURB, RELOCATE CONDUIT
21. CONSTRUCT ' AC PAVING OVER ' AGGREGATE BASE PER SOILS REPORT # R-VALUE=

WATER CONSTRUCTION NOTES, BY CITY FORCES

4. REMOVE EXISTING WATER METER
6. INSTALL SUPER FH PER CITY OF RIVERSIDE PUD STD CWD-700, BY CITY FORCES
7. ABANDON EXISTING 4" STL & 2" GALVANIZE MAIN (INCLUDES ABANDONING FIRE HYDRANT, (2) GATE VALVES, (3) 3/4" SERVICES AND (1) 1" SERVICE).

PROFILE SCALE:
HORIZ: 1"=20'
VERT: 1"=2'

CURB DATA

NO.	DELTA OR BRG.	RADIUS	LENGTH	TANGENT	REMARK
1	N 29°45'20" E		380.34'		6" CURB & GUTTER
2	89°58'41"	35.00'	54.96'	34.99'	6" CURB & GUTTER

CITY OF RIVERSIDE
PUBLIC UTILITIES DEPARTMENT-WATER DIVISION
APPROVED 6/12/08 DATE

CITY OF RIVERSIDE
PUBLIC UTILITIES DEPARTMENT-ELECTRIC DIVISION
APPROVED 6/12/08 DATE

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PREPARED UNDER THE DIRECTION OF
MARTEN L. ANDERSON 6/11/08
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MARK	REVISIONS	APPR	DATE

DESIGNED BY CSW/OP DRAWN BY CSW/OP CHECKED BY KB

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER		7-24-08
TRAFFIC DIVISION		7-24-08

CITY ENGINEER 7/24/08

STREET IMPROVEMENT PLANS PW07-0632
RAINCROSS PROMENADE
TRACT 34679
MARKET STREET
R-4047
SHEET 3 OF 5
SCALE HORIZ: 1"=20' VERT: 1"=2'
FILE NO.

INDEXED 7-25-08 LH

G:\ 15133\ 15133mp03.dgn PLOT DATE: 11-JUN-2008 JN 15133A

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PROFILE SCALE:
HORIZ: 1"=20'
VERT: 1"=2'

SEE SHEET 3

SEE SHEET 5

DETAIL C
SCALE: 1"=10'

CONSTRUCTION NOTES

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10. REMOVE EXISTING POWERPOLE BY CITY FORCES
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14. REMOVE EXISTING DRIVEWAY APPROACH
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18. RELOCATE EXISTING ELECTRIC PULL BOX BEHIND CURB, RELOCATE CONDUIT
19. RELOCATE EXISTING TRAFFIC SIGNAL PULL BOX BEHIND CURB, RELOCATE CONDUIT
20. RELOCATE EXISTING TRAFFIC SIGNAL POLE, LIGHT AND PED. SIGNAL BEHIND CURB, RELOCATE CONDUIT
21. CONSTRUCT ' AC PAVING OVER ' AGGREGATE BASE PER SOILS REPORT # R-VALUE=

WATER CONSTRUCTION NOTES, BY CITY FORCES

4. REMOVE EXISTING WATER METER

CURB DATA

NO.	DELTA OR BRG.	RADIUS	LENGTH	TANGENT	REMARK
3	N 60°13'21" W		77.53'		6" CURB & GUTTER
4	N 60°13'21" W		114.25'		6" CURB & GUTTER
5	NOT USED				
6	90°02'23"	35.00'	55.00'	35.02'	6" CURB & GUTTER

SCALE: 1" = 20'
20 0 20 40

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

CITY OF RIVERSIDE
PUBLIC UTILITIES DEPARTMENT-WATER DIVISION
APPROVED 6/12/08 DATE

CITY OF RIVERSIDE
PUBLIC UTILITIES DEPARTMENT-ELECTRIC DIVISION
APPROVED 6/12/08 DATE

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

PREPARED UNDER THE DIRECTION OF
MARTEN L. ANDERSON 6/12/08
REGISTERED CIVIL ENGINEER NO. 51313
EXPIRATION DATE 6-30-08

RICK ENGINEERING COMPANY
Riverside San Diego Orange Sacramento Phoenix Tucson
1223 UNIVERSITY AVENUE - SUITE 240
RIVERSIDE, CA 92507
951.782.0707
(FAX)951.782.0723
rickengineering.com

CITY BUSINESS TAX CERTIFICATE NO. 35225 EXP. DATE 7/20/08

BENCH MARK POINT ID 17-S3 ELEVATION 852.637

P.K. NAIL AND CITY ENGINEER TAG IN THE BACK OF A CATCH BASIN ALONG THE WESTERLY CURB OF ORANGE STREET AT THE SOUTHWEST CORNER OF ORANGE STREET AND THIRD STREET

MARK	REVISIONS	APPR	DATE

DESIGNED BY CSW/OP DRAWN BY CSW/OP CHECKED BY KB

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

	BY	DATE
APPROVED BY		
PRINCIPAL ENGINEER		
TRAFFIC DIVISION		

CITY ENGINEER 7/9/08

STREET IMPROVEMENT PLANS PW07-0632
RAINCROSS PROMENADE
TRACT 34679
THIRD STREET
R-4047
SHEET 4 OF 5
SCALE
HORIZ: 1"=20' VERT: 1"=2'
FILE NO.

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INDEXED 7-25-08 GH

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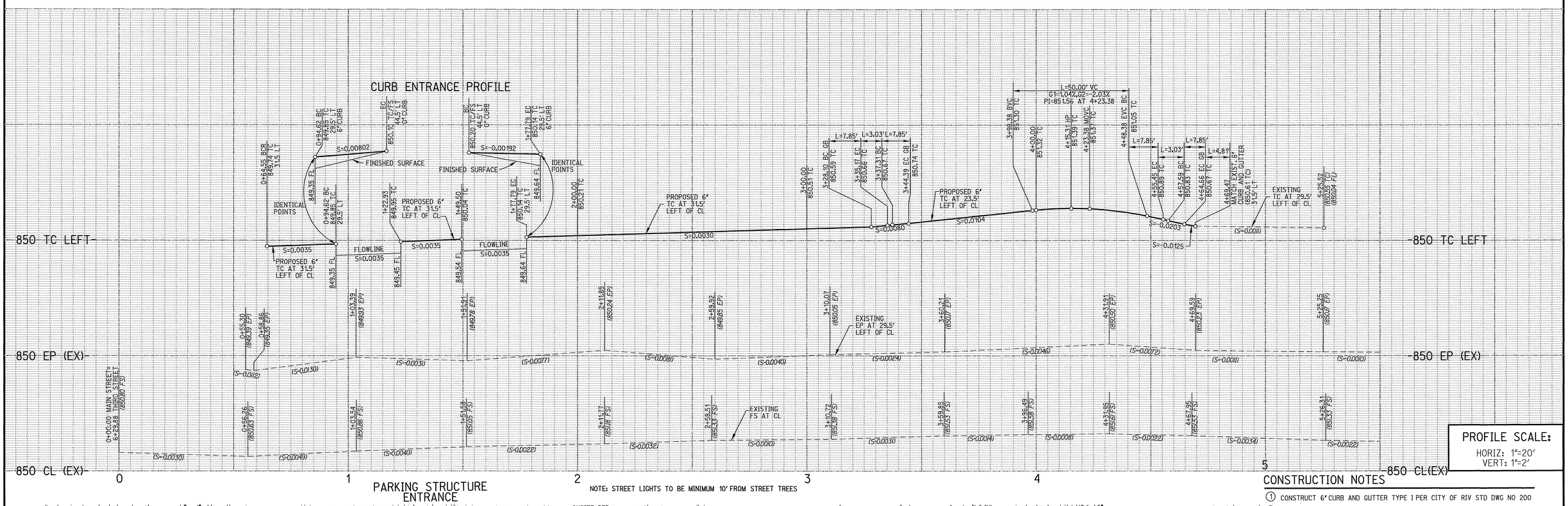
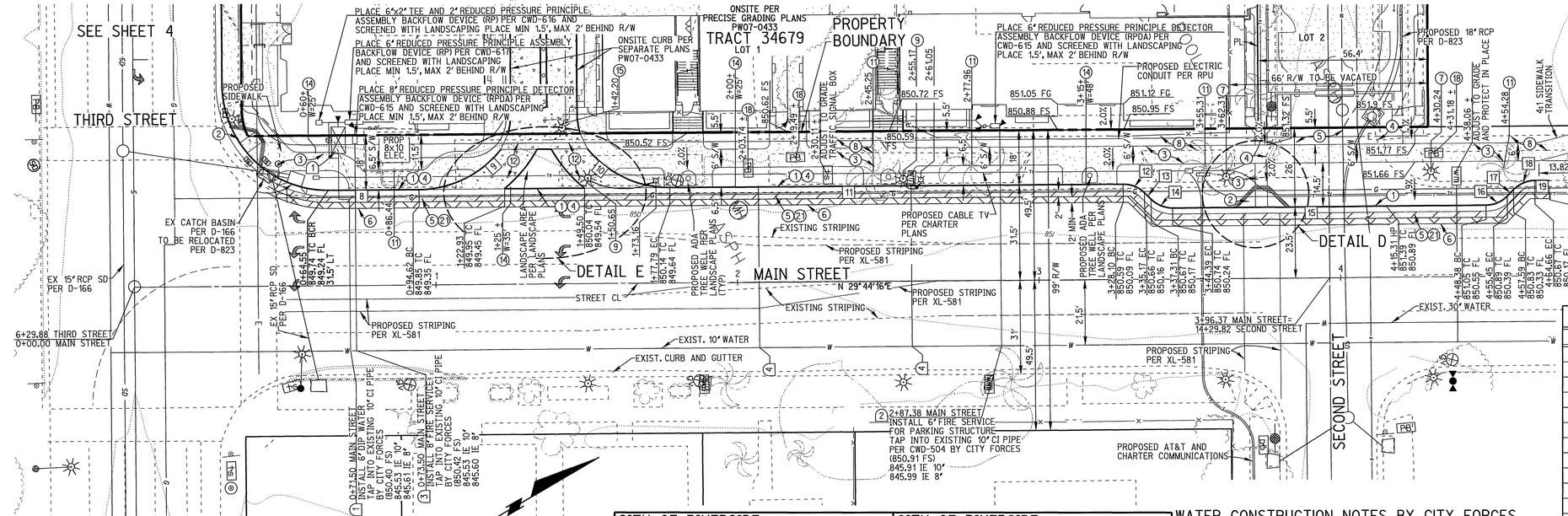
PLOT DATE: 11-JUN-2008 JN 15133A

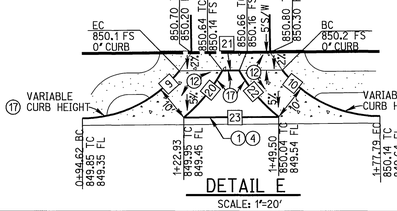


PROFILE SCALE:
HORIZ: 1"=20'
VERT: 1"=2'

PARKING STRUCTURE ENTRANCE

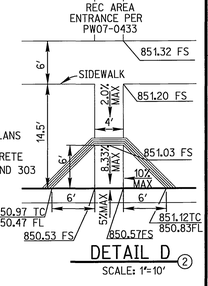
NOTE: STREET LIGHTS TO BE MINIMUM 10' FROM STREET TREES





CONSTRUCTION NOTES

1. CONSTRUCT 6' CURB AND GUTTER TYPE I PER CITY OF RIV STD DWG NO 200
2. CONSTRUCT WHEELCHAIR RAMP PER CITY OF RIV STD DWG NO 304, TYPE I
3. CONSTRUCT SIDEWALK PER CITY OF RIVERSIDE STD DWG NO 325, W PER PLAN
4. REMOVE EXISTING CURB AND GUTTER
5. SAWCUT AND REMOVE EXISTING AC PAVEMENT
6. GRIND AND OVERLAY PER DETAIL ON SHEET 2
7. EXISTING LIGHT POLE PROTECT IN PLACE
8. REMOVE EXISTING SIDEWALK
9. RELOCATE EXISTING LIGHT POLE
11. RELOCATE EXISTING TREES PER LANDSCAPE PLANS
12. CONSTRUCT 6' THICK CLASS 520-C-2500 CONCRETE DRIVE CORRIDOR PER CITY OF RIV STD 302 AND 303
14. REMOVE EXISTING DRIVEWAY APPROACH
15. REMOVE EXISTING PRIVATE LIGHT FIXTURE
17. CONSTRUCT 6' CURB TYPE II PER CITY OF RIVERSIDE STD DWG NO. 200
18. RELOCATE EXISTING ELECTRIC PULL BOX BEHIND CURB, RELOCATE CONDUIT
21. CONSTRUCT ' AC PAVING OVER AGGREGATE BASE PER SOILS REPORT # R-VALUE=



CURB DATA

NO.	DELTA OR BRG.	RADIUS	LENGTH	TANGENT	REMARK
8	N 29°44'16" E		30.07'		6" CURB & GUTTER
9	51°01'17"	35.00'	31.17'	16.70'	CURB VARIES
10	51°00'49"	35.00'	31.16'	16.70'	CURB VARIES
11	N 29°44'16" E		150.31'		6" CURB & GUTTER
12	45°00'00"	10.00'	7.85'	4.14'	6" CURB & GUTTER
13	N 74°44'16" E		3.03'		6" CURB & GUTTER
14	45°00'00"	10.00'	7.85'	4.14'	6" CURB & GUTTER
15	N 29°44'16" E		104.00'		6" CURB & GUTTER
16	45°00'00"	10.00'	7.85'	4.14'	6" CURB & GUTTER
17	N 15°15'44" W		3.03'		6" CURB & GUTTER
18	45°00'00"	10.00'	7.85'	4.14'	6" CURB & GUTTER
19	N 29°44'16" E		4.81'		6" CURB & GUTTER
20	21°42'41"	45.00'	17.05'	8.63'	6" CURB
21	N 29°44'43" E		4.69'		6" CURB
22	21°44'32"	45.00'	17.08'	8.64'	6" CURB
23	N 29°46'18" E		26.56'		6" CURB & GUTTER

WATER CONSTRUCTION NOTES, BY CITY FORCES

1. INSTALL 6" COMPOUND METER WATER SERVICE PER CITY OF RIV PUD STD CWD-620-1, DOMESTIC
2. INSTALL 6" FIRE SERVICE CONNECTION, PER CITY OF RIV PUD STD CWD-615
3. INSTALL 8" FIRE SERVICE CONNECTION, PER CITY OF RIV PUD STD CWD-615
4. REMOVE EXISTING WATER METER

CITY OF RIVERSIDE
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CITY ENGINEER 7/25/08

STREET IMPROVEMENT PLANS	PW07-0632
RAINCROSS PROMENADE TRACT 34679 MAIN STREET	R-4047
SCALE HORIZ: 1"=20' VERT: 1"=2'	SHEET 5 OF 5
	FILE NO.

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