RIVERSIDE CITY OF RIVERSIDE CALIFORNIA

PUBLIC WORKS DEPARTMENT

JEFFERSON STREET IMPROVEMENTS

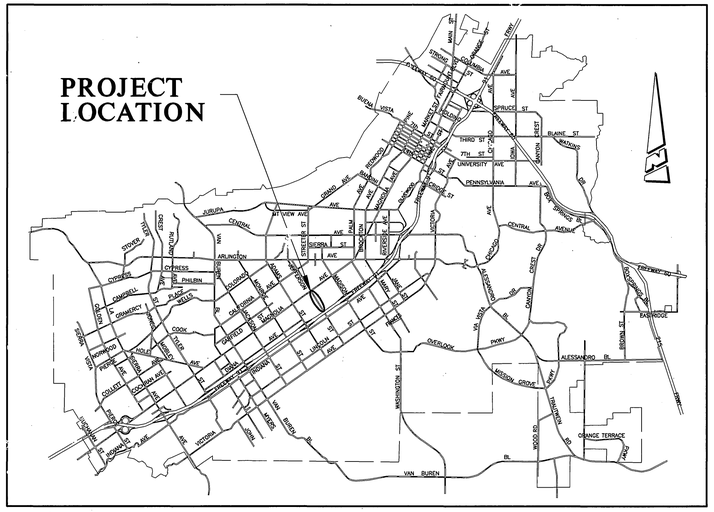
FREEWAY-91 TO MAGNOIIA AVENUE

GENERAL CONSTRUCTION NOTES

1. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TWO TWELVE-FOOT-WIDE LANES FOR TWO-WAY TRAFFIC AT ALL TIMES. NO REDUCTION OF THE TRAVELED WAY WIDTH SHALL BE PERMITTED BEFORE 8:30 A.M. NOR AFTER 4:00 P.M. ON ANY STREET UNLESS PRIOR APPROVAL IN WRITING IS OBTAINED FROM THE DIRECTOR OF PUBLIC WORKS.
2. CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF RIVERSIDE STANDARD DRAWING AND STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 2003 EDITION.
3. EXISTING UTILITIES SHOWN ON THIS 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 PLAN.
4. CONFLICTING UTILITIES, SHOWN WITHIN CONSTRUCTION AREA, WILL BE RELOCATED PRIOR TO CONSTRUCTION.
5. PRIME CONTRACTORS BIDDING THIS WORK SHALL HAVE A CLASS "A" or "C-12" LICENSE.
6. RIGHT-OF-ENTRY HAVE BEEN OBTAINED FOR WORK SHOWN OUTSIDE OF CITY RIGHT-OF-WAY.
7. CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF RIVERSIDE STANDARD DRAWING AND STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 2003 EDITION.
8. TREES AND SHRUBS, AFFECTED BY THE PROPOSED SIDEWALK CONSTRUCTION, SHALL BE TRIMMED TO AT LEAST 8' VERTICALLY ABOVE THE SIDEWALK SURFACE AND TO AT LEAST 3' LATERALLY OF THE SIDEWALK, WHERE RIGHT-OF-WAY PERMITS.
9. MAIL BOXES, INTERFERING WITH PROPOSED SIDEWALK CONSTRUCTION, SHALL BE TEMPORARILY RELOCATED TO ENABLE PROPERTY OWNERS TO RECEIVE THEIR MAIL AND BE REINSTALLED IN FINAL POSITION BY THE CONTRACTOR.
10. WATER METERS, GAS METERS, AND ALL STREET PULL BOXES, AFFECTED BY CONSTRUCTION, SHALL BE ADJUSTED TO THE PROPOSED SIDEWALK GRADE.
11. EXISTING SPRINKLERS AND IRRIGATION LINES, AFFECTED BY THE CONSTRUCTION OF THE PROPOSED PROJECT, SHALL BE RELOCATED TO THE BACK OF THE SIDEWALK, CURB, OR MODIFIED TO COVER EXISTING IRRIGATION AREAS.
12. ALL LONGITUDINAL AND TRANVERSE SLOPES OF SIDEWALK AND WHEELCHAIR RAMP SHALL BE PER ADA STANDARDS.

SPECIFIC CONSTRUCTION NOTES

- ⬢ NUMBERS ABOVE 100 IN A HEXAGON ON THE PLAN REFER TO THE RESPECTIVE STANDARD DRAWING AND SHALL BE CONSTRUCTED ACCORDINGLY. UNLESS MODIFICATIONS ARE NOTED ON THE PLAN OR COVER SHEET. ANY NUMBER SHOWN BELOW THE STANDARD DRAWING NUMBER INDICATES THE SPECIFIC ALTERNATE TO BE CONSTRUCTED.
- ADJ MH — ADJUST SEWER OR STORM DRAIN MANHOLE TO GRADE.
- ADJ W — WATER METER VAULT TO BE ADJUSTED BY CONTRACTOR.
- C S1 — CONSTRUCT STRUCTURAL SECTION OF 0.35' D.G.A.C. OVER 0.8' C.A.B. T.I.=6 AND R=13 (PER S.R. No. 1144).
- C S2 — CONSTRUCT 0.7' OF FULL DEPTH OF AC OVER COMPACTED SOIL. T.I.=6 AND R=13 (PER S.R. No. 1144).
- C S3 — CONSTRUCT STRUCTURAL SECTION OF 0.21' D.G.A.C. OVER 0.5' C.A.B. (PER C/R PLAN NO. R-1628).
- C S4 — REMOVE EXISTING AC PAVEMENT AND REPLACED WITH THE SAME THICK AC PAVEMENT.
- E — POWER POLE TO BE RELOCATED BY ELECTRICAL DIV., CITY OF RIVERSIDE.
- GRD CF — GRIND CURB FACE TO 0" HEIGHT PER DETAIL SHOWN ON PLAN.
- OL — CONSTRUCT VARIABLE THICKNESS AC OVERLAY (0.1' MINIMUM THICKNESS).
- PIP — PROTECT IN PLACE.
- R I — REMOVE EXISTING TREE (CLASS I - 6" TO 18", CLASS II - OVER 18" TO 36", AND CLASS III - OVER 36").
- REL — RELOCATE EXISTING TRAFFIC CONTROL SIGNS AS DIRECTED BY THE PUBLIC WORKS INSPECTOR AND PER STANDARD DRAWING NUMBER 666.
- REL F — RELOCATE EXISTING FENCE TO 0.5' OUTSIDE RIGHT-OF-WAY. (NOTE: REUSE EXISTING FENCE FABRIC)
- SW D — CONSTRUCT PARKWAY DRAIN PER AMERICAN PUBLIC WORKS ASSOCIATION STD. PLAN NO. 151-1.
- T I — RELOCATE EXISTING PALM TREE (CLASS I - 6" TO 18", CLASS II - OVER 18" TO 36", AND CLASS III - OVER 36") WITHIN THE CITY LIMITS.



PROJECT LOCATION MAP

(NTS)

CONSTRUCTION LEGEND

- CENTER LINE — ℄
- RIGHT-OF-WAY — R/W
- SUBDIVISION LOT LINE — PL
- TOP OF SLOPE
- TOE OF SLOPE
- DIRECTION OF FLOW

EXISTING UNDERGROUND UTILITIES:

- SANITARY SEWER — 8"S
- WATER LINE — 6"W
- STORM DRAIN — 24"SD
- GAS LINE — 3"G
- ABANDONDED UTILITY — 6"G(ABAN'D.)
- TELEPHONE CONDUIT — T
- ELECTRICAL CONDUIT — E
- ELECTROLIER LIGHTING CONDUIT — ELC
- TRAFFIC SIGNAL — SIG
- FIRE ALARM — F

EXISTING TOPOGRAPHY:

- BLOCK WALL
- BOARD FENCE
- WIRE FENCE
- CHAIN LINK FENCE
- TOP OF SLOPE
- TOE OF SLOPE
- DIRECTION OF FLOW
- (S) SANITARY SEWER M.H.
- SANITARY SEWER CLEANOUT
- (D) STORM DRAIN M.H.
- (I) IRRIGATION WEIR
- (W) WATER M.H.
- (G) GAS M.H.
- (E) ELECTRIC M.H.
- (T) TELEPHONE M.H.
- WATER METER
- FIRE HYDRANT
- SPRINKLER HEAD
- VALVE
- AIR VALVE
- AIR VENT
- BUS STOP SIGN
- BLOW-OFF VALVE
- (SP) IRRIGATION STAND PIPE
- CONCRETE
- ASPHALT
- BUILDING
- EDGE OF PAVEMENT
- POLE & GUY ANCHOR
- POWER POLE
- TELEPHONE POLE
- TELEPHONE RISER
- JOINT USE POLE
- PULL BOX
- TRAFFIC SIGN
- PARKING METER
- FIRE ALARM BOX
- STREET NAME SIGN
- GAS METER
- MAIL BOX
- FAUCET
- WALK-DON'T WALK PEDESTRIAN SIGNAL
- ELECTROLYSIS TEST STATION
- WHEEL STOP
- A.C. BERM
- PPB PEDESTRIAN PUSH BUTTON
- RAILROAD TRACKS
- RAILROAD SIGN
- RAILROAD SIGNAL
- TRAFFIC SIGNAL
- TRAFFIC SIGNAL ON MAST ARM
- TRAFFIC SIGNAL CONTROLLER
- TRAFFIC SIGNAL PRESSURE DETECTOR
- TRAFFIC SIGNAL LOOP DETECTOR
- STREET LIGHT & TRAFFIC SIGNAL ON MAST ARM
- STREET LIGHT (UPRIGHT)
- STREET LIGHT ON MAST ARM
- STEEL POST
- WOOD POST

CALTRANS PERMIT REQUIREMENTS

1. ALL WORK WITHIN STATE'S RIGHT OF WAY SHALL BE COMPLETED IN ACCORDANCE WITH THE CURRENT STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION STANDARD PLANS, SPECIAL SPECIFICATION PROVISIONS, AND ENCROACHMENT PERMIT UTILITY PROVISIONS. SHOULD A CONFLICT ARISE BETWEEN THE CONTRACT PLANS, SPECIFICATIONS, AND/OR DETAILS PREPARED BY THE PERMITTEE, THE STATE'S STANDARD PLANS AND SPECIFICATIONS SHALL GOVERN AS DETERMINED BY THE STATE'S REPRESENTATIVE.
2. THE CONTRACTOR SHALL FOLLOW THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION, STANDARD SPECIFICATIONS, JULY 1999 SECTION 86-1.06 MAINTAINING EXISTING AND TEMPORARY ELECTRICAL SYSTEMS DURING CONSTRUCTION.
3. NO MATERIALS, WASTE, VEHICLE OR EQUIPMENT SHALL BE STORED, FUELED, CLEANED OR MAINTAINED WITHIN STATE R/W AT ANY TIME.
4. ALL SURVEY MONUMENTS DESTROYED DURING THE CONSTRUCTION SHALL BE REPLACED WITH THE CURRENT STATE'S STANDARD AND SPECIFICATION.

IMPORTANT NOTICE
Section 4216/4217 of the Government Code requires a Dig Alert Identification Number to be issued before a "Permit to Excavate" will be valid. For your Dig Alert I.D. Number call
CALL TOLL FREE
48 HOURS BEFORE YOU DIG
UNDERGROUND SERVICE ALERT
1-800-227-2600

BENCHMARK: G5-F2

PK NAIL AND CITY ENGINEER'S TAG 3' NW'LY OF THE E.C.R. AT THE N'LY CURB RETURN OF MAGNOLIA AVE. AND JEFFERSON ST.

ELEV. - 792.336

ENGINEER IN RESPONSIBLE CHARGE
MICHAEL KATUSIAN
R.C.E. No. 36686 expires 6/30/2004
DATE 7/1/04

REGISTERED PROFESSIONAL ENGINEER — MICHAEL KATUSIAN — No. 36686 Exp. 6-30-2006 — CIVIL — STATE OF CALIFORNIA

MARK	REVISIONS	APPR.	DATE

DESIGNED BY FYL DRAWN BY FYL CHECKED BY

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER		7/1/04
CONST. CONTRACT ADMIN.		6/17/04
STREET SERVICES		6/17/04
SURVEYOR		6/16/04
TRAFFIC DIVISION		6/14/04
PARKS DEPARTMENT		6/17/04

APPROVED BY
CITY ENGINEER
DATE 7/1/04

JEFFERSON STREET IMPROVEMENTS
(FROM FREEWAY-91 TO MAGNOLIA AVE.)

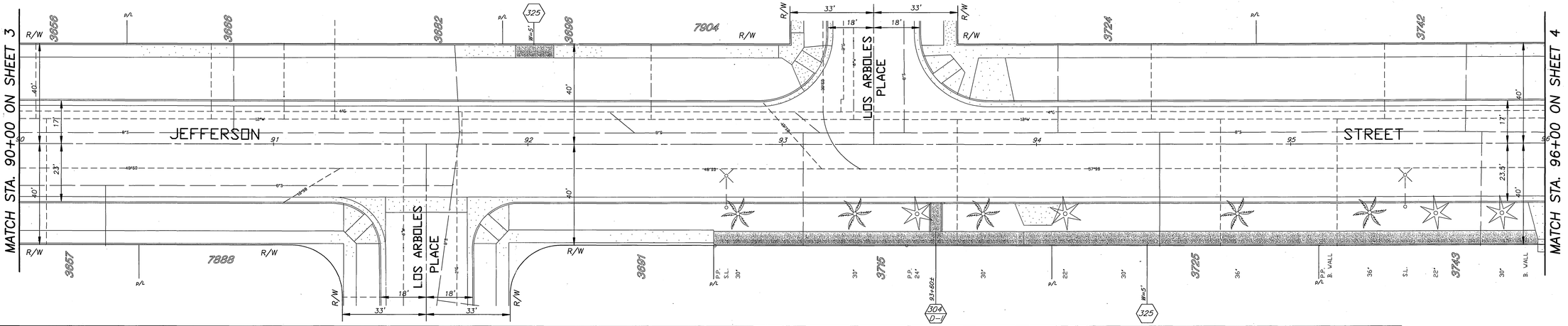
ACCT. NO.: 9578529132-440221XX

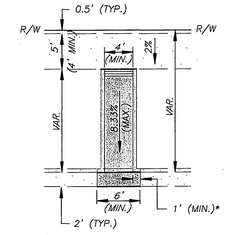
R-3735

SHEET 1 OF 4

FILE: COMMON/COMPLETE/R3735-1
CALTRANS PERMIT: 08-04-N-CS-0463

INDEXED 8-08-04 yH





* : 1' MINIMUM GUTTER CROSS SLOPE TRANSITION LENGTH FROM EXIST. SLOPE TO 5% (MAX.) SLOPE.

DIRECTIONAL WCR
TYPE D-1 @ 93+60 RT

(NTS)

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ADJ W — WATER METER VAULT TO BE ADJUSTED BY CONTRACTOR.

GRD CF — GRIND CURB FACE TO 0" HEIGHT PER DETAIL SHOWN ON PLAN.

R II — REMOVE EXISTING TREE (CLASS I – 6" TO 18", CLASS II – OVER 18" TO 36", AND CLASS III – OVER 36").

REL — RELOCATE EXISTING TRAFFIC CONTROL SIGNS AS DIRECTED BY THE PUBLIC WORKS INSPECTOR AND PER STANDARD DRAWING NUMBER 666.

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DESIGNED BY FYL DRAWN BY ____ CHECKED BY ____

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER	DK	7/1/04
CONSTRUCTION ADMIN.	RG	6/30/04
SURVEYOR	CS	6/30/04
STREET SERVICES	GS	6/30/04
TRAFFIC ENGINEER	JS	6/30/04
PARK & REC. DEP.	RB	6/30/04

APPROVED BY ____ CITY ENGINEER
DATE 7/1/04

JEFFERSON STREET IMPROVEMENTS
(FROM FREEWAY-91 TO MAGNOLIA AVE)

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

ACCT. NO.: 9578529132-440221XX

R-3735

SHEET 2 OF 4

FILE: COMMON/COMPLETE/R3735-2
CALTRANS PERMIT: 08-04-N-CS-0463

INDEXED 9-08-04 YH

1	87°-40'-34.68"	27'	41.32'	25.93'
◇	Δ	R	L	T
CURVE	DATA			

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REGISTERED PROFESSIONAL ENGINEER — MICHAEL KATUSIAN — No. 36686 — Exp. 6-30-2006 — CIVIL — STATE OF CALIFORNIA

MARK	REVISIONS	APPR.	DATE

DESIGNED BY FYL DRAWN BY ____ CHECKED BY ____

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER	PH	7/1/04
CONSTRUCTION ADMIN.		6/18/04
SURVEYOR	CS	6/16/04
STREET SERVICES		6/18/04
TRAFFIC ENGINEER		6/16/04
PARK & REC. DEP.		6/17/04

APPROVED BY
CITY ENGINEER
DATE 7/1/04

JEFFERSON STREET IMPROVEMENTS

(FROM FREEWAY-91 TO MAGNOLIA AVE.)

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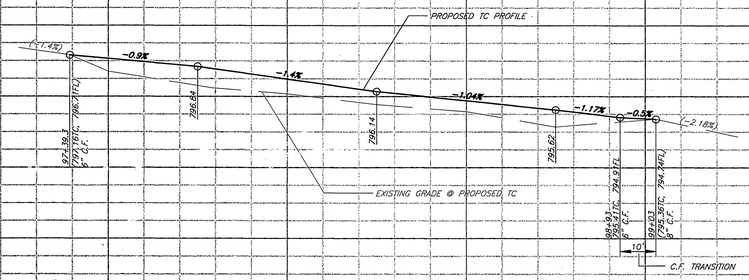
ACCT. NO.: 9578529132-440221XX

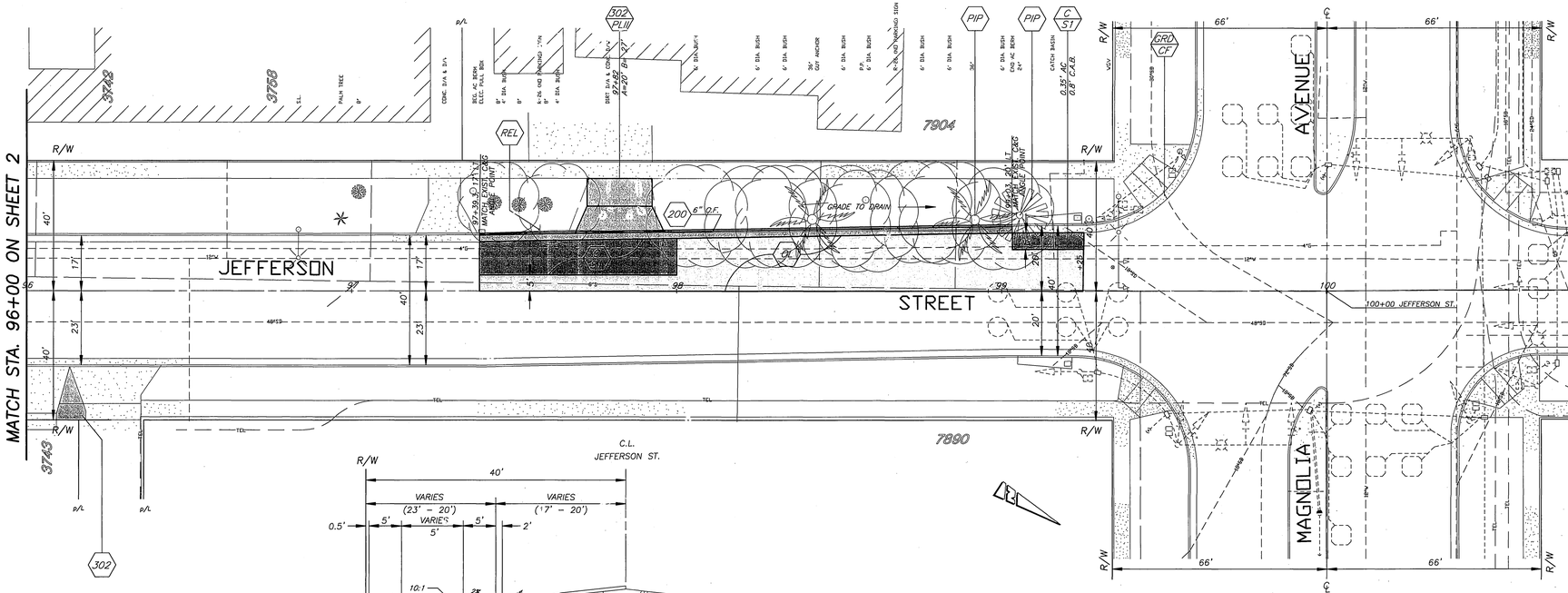
R-3735

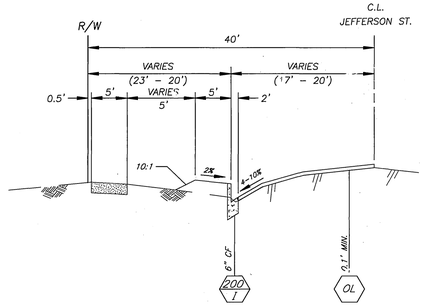
SHEET 3 OF 4

FILE: COMMON/COMPLETE/R3735-3
CALTRANS PERMIT: 08-04-N-CS-0463

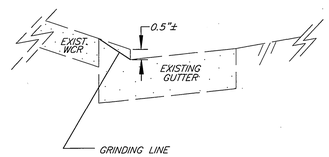
INDEXED 9-08-04 4H







TYPICAL SECTION
(NTS)
(FROM 97+39 LT TO 99+03 LT)



CURB FACE GRINDING DETAIL AT WHEELCHAIR RAMP
(NTS)

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CIVIL
STATE OF CALIFORNIA

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CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

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PRINCIPAL ENGINEER		7/1/04
CONSTRUCTION ADMIN.		6/18/04
SURVEYOR		6/18/04
STREET SERVICES		6/18/04
TRAFFIC ENGINEER		6/18/04
PARK & REC. DEP.		6/17/04

APPROVED BY _____ CITY ENGINEER
DATE 7/1/04

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SHEET 4 OF 4

FILE: COMMON/COMPLETE/R3735-4
CALTRANS PERMIT: 08-04-N-CS-0463

INDEXED 9-08-04 GH