RIVERSIDE CITY OF RIVERSIDE CALIFORNIA

INCORPORATED 1883

PUBLIC WORKS DEPARTMENT
JURUPA AVENUE
WIDENING

FROM VAN BUREN BLVD. TO U.P.R.R.
T.I. = 10.5 (VAN BUREN BLVD. TO ESSEX ST./ADAM ST. EXT.)
T.I. = 9.5 (ESSEX ST. TO GRAND AVE.)

PROJECT LOCATION MAP

0 KM. 0.5 KM. 1 KM. 1.5 KM.
0' 500' 1000' 2000' 3000' 4000' 5000' 6000'

SCALE: 1" = 1,000'

GENERAL CONSTRUCTION NOTES:

(1) CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF RIVERSIDE STANDARD DRAWINGS AND STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION 1994 EDITION.

(2) 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 PLAN.

(3) PRIME CONTRACTORS BIDDING THIS WORK SHALL HAVE A CLASS "A" LICENSE.

(4) ALL ELEVATIONS SHOWN ON THE PLANS SHALL BE STAKED IN THE FIELD.

(5) CUT AND FILL SLOPES SHALL BE 1.5:1 OR FLATTER.

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. ANY NUMBER SHOWN BELOW THE STANDARD DRAWING NUMBER INDICATES THE SPECIFIC ALTERNATE TO BE CONSTRUCTED.

412/M — CONSTRUCT CSP INLET PER STD. DWG. 412 @ STA. 84+04 EXCEPT THE TOP GRATE OF EXISTING CSP INLET SHALL BE REINSTALLED TO FIT THE NEW CSP INLET.

E — PUD, ELECTRIC DIV. TO RELOCATE.

W — PUD, WATER DIV. TO RELOCATE/EXTEND.

G — SOUTHERN CALIF. GAS CO. TO RELOCATE OR ADJUST TO GRADE.

T — PACIFIC TEL. CO. TO RELOCATE OR ADJUST TO GRADE.

CONSTRUCTION LEGEND:

C/S1 — CONSTRUCT STRUCTURAL SECTION OF 0.50' AC OVER 1.95' CAB OR 1.33' A.C. OVER COMPACTED NATIVE MATERIAL.

C/S2 — CONSTRUCT STRUCTURAL SECTION OF 0.50' AC OVER 1.48' CAB OR 1.16' A.C. OVER COMPACTED NATIVE MATERIAL.

C/S3 — CONSTRUCT STRUCTURAL SECTION OF 0.50' A.C. OVER 1.65' CAB OR 1.18' A.C. OVER COMPACTED NATIVE MATERIAL.

C/S4 — CONSTRUCT STRUCTURAL SECTION OF 0.35' A.C. OVER 1.45' CAB OR 0.95' A.C. OVER COMPACTED NATIVE MATERIAL.

C/S5 — CONSTRUCT STRUCTURAL SECTION OF 1.33' A.C. OVER COMPACTED NATIVE MATERIAL.

R/S1 — REMOVE & REPLACE EXISTING STRUCTURAL SECTION WITH 0.50' AC OVER 1.95' CAB OR 1.33' A.C. OVER COMPACTED NATIVE MATERIAL.

R/S2 — REMOVE & REPLACE EXISTING STRUCTURAL SECTION WITH 0.5' AC OVER 1.48' CAB OR 1.33' A.C. OVER COMPACTED NATIVE MATERIAL.

R/S3 — REMOVE & REPLACE EXIST STRUCTURAL SECTION WITH 0.50' A.C. OVER 1.65' CAB OR 1.18' A.C. OVER COMPACTED NATIVE MATERIAL.

R/S4 — REMOVE & REPLACE EXIST STRUCTURAL SECTION WITH 0.35' A.C. OVER 1.45' CAB OR 0.95' A.C. OVER COMPACTED NATIVE MATERIAL.

R/S5 — REMOVE & REPLACE EXIST STRUCTURAL SECTION WITH 1.33' A.C. OVER COMPACTED NATIVE MATERIAL.

R/S6 — REMOVE & REPLACE EXIST. STRUCTURAL SECTION WITH 1.16' A.C. OVER COMPACTED NATIVE MATERIAL.

CM — COLD MILL EXISTING A.C. ADJACENT TO GUTTER TO A DEPTH OF 0.05' BELOW THE GUTTER LIP AND WITH A STRAIGHT GRADE TO MEET EXISTING PAVEMENT IN A WIDTH EQUAL TO 5 FEET.

OL — OVERLAY EXIST. PAVEMENT WITH VARIABLE THICKNESS A.C. (0.08' MIN.). PRIOR TO AC OVERLAY, FAILED PAVEMENT AREAS SHALL BE MARKED FOR REMOVAL IN THE FIELD. SEE SPECIAL PROVISIONS FOR AC PAVING REMOVAL.

ADJ. — ADJUST STORM DRAIN OR SEWER MANHOLE COVER TO GRADE.

G.V. — ADJUST GATE VALVE BOX COVER TO GRADE.

A.C./D/W — CONSTRUCT 4" THICK A.C. D/W APPROACH OVER COMPACTED NATIVE MATERIAL AS SHOWN ON PLAN. HIGH POINT SHALL BE 0.25' ABOVE AC BERM OR C&G FLOW LINE @ A DISTANCE OF 4' (ON FILL AREAS).

REL/I — RELOCATE PALM TREE PER PARK & RECREATION DEPT. SPECIFICATION SEE SPEC. PROV.. CLASSES ARE THE SAME AS TREE REMOVAL. FOR RELOCATED PALM TREE LOCATION SEE SHEET 9.

REM/I — REMOVE ENTIRE TREE. CLASS AS SHOWN ON PLAN..

T-2 — PLANT JACARANDA TREE SEE SHT. 5 FOR LOCATION. SEE PARK & REC. NOTES & SPEC. PROV..

△1 C/S6 — INSTALL 1-4" AND 1-2" PVC SCHEDULE 40 PIPE, WITH NYLON PULL CORDS, (SLEEVES ARE FOR FUTURE IRR. MAIN AND WIRING SYSTEM, RESPECTIVELY), AT A MINIMUM OF 24" BENEATH EXISTING PAVEMENT. TERMINATE ALL PIPE ENDS IN A BROOKS METER BOX (MODEL 3TL) OR CITY APPROVED EQUAL TWO FEET BEHIND CURB.

PARK AND RECREATION NOTES:

1. ALL RELATED WORK SHALL CONFORM TO THE CITY OF RIVERSIDE PARK AND RECREATION DEPT. STANDARDS AND CITY OF RIVERSIDE STREET TREE POLICIES.

2. WHEN CALLING FOR INSPECTIONS CONTACT THE STREET TREE INSPECTOR A MIN. OF 48 HOURS IN ADVANCE AT (714) 351-6126 TO SCHEDULE AN INSPECTION. A FIELD NOTICE WILL BE ISSUED AS A WRITTEN APPROVAL FOR EACH STAGE OF INSPECTION. A VERBAL APPROVAL WILL NOT BE ACCEPTABLE. INSPECTIONS ARE REQUIRED:

   a. AFTER COMPLETION OF FINAL GRADING OF THE LOTS AND WHEN ALL UTILITY SERVICES AND SEWER LATERALS 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.
   b. WHILE DIGGING PLANT PITS AND PLANTING/RELOCATING TREES.
   c. AFTER PLANTING AND ALL OTHER INDICATED OR SPECIFIED WORK HAS BEEN COMPLETED, FOR START OF MAINTENANCE.
   d. AT END OF MAINTENANCE PERIOD, THE CONTRACTOR SHALL CALL THE STREET TREE INSPECTOR AT (714) 351-6126 FOR A FINAL ACCEPTANCE INSPECTION IN ORDER TO BE RELEASED FROM MAINTENANCE. CONTRACTORS BONDS WILL NOT BE RELEASED UNTIL AFTER RECEIPT OF WRITTEN NOTIFICATION FROM THE CITY THAT THE TREES FINAL INSPECTION AND THE PARK AND RECREATION DEPT. IS ASSUMING MAINTENANCE RESPONSIBILITIES.

3. NONE

4. THE CONTRACTOR SHALL BE RESPONSIBLE TO ACCEPTABLY MAINTAIN ALL PLANTING FOR A MINIMUM PERIOD OF ONE (1) YEAR.

5. TREE PLANTING LOCATIONS ARE SHOWN ON PLANS AS ⊕. TREE TYPE INDICATED FOR EACH LOCATIONS SHALL BE AS FOLLOWS :

STREET NAME	COMMON NAME/ BOTANICAL NAME	MIN. SIZE	APPROX. SPACING	NO. REQUIRED
JURUPA (W'LY OF WILDERNESS ST.)	JACARANDA/ JACARANDA MIMOSIFOLIA	24" BOX	45'	6
JURUPA (E'LY OF CHESTER ST.)	MEXICAN FAN PALM/ WASHINGTON ROBUSTA	RELOCATE FROM ONSITE (45' HEIGHT)		3

6. BOTH A STREET TREE RELOCATION/REMOVAL PERMIT AS ISSUED BY THE PARK AND RECREATION DEPARTMENT AND A STREET OPENING PERMIT AS ISSUED BY THE PUBLIC WORKS DEPARTMENT ARE REQUIRED PRIOR TO COMMENCEMENT OF TREE RELOCATION AND/OR REMOVAL WORK. FOR ALL EXISTING TREES WITHIN WHAT WILL ULTIMATELY BE THE PUBLIC RIGHT-OF-WAY PAVEMENT AREA. BACKFILL OF ALL HOLES MUST BE INSPECTED BY THE PUBLIC WORKS INSPECTOR FOR PROPER COMPACTION.

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.

EXISTING UNDERGROUND & TOPOGRAPHY LEGEND

EXISTING UNDERGROUND UTILITIES:

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

EXISTING TOPOGRAPHY:

BLOCK WALL
BOARD FENCE
WIRE FENCE
CHAIN LINK FENCE
TOP OF SLOPE
TOE OF SLOPE
DIRECTION OF FLOW

SANITARY SEWER M.H.
SANITARY SEWER CLEANOUT
STORM DRAIN M.H.
IRRIGATION WEIR
WATER M.H.
GAS M.H.
ELECTRIC M.H.
TELEPHONE M.H.
WATER METER
FIRE HYDRANT
SPRINKLER HEAD
VALVE
AIR VALVE
AIR VENT
BUS STOP SIGN
BLOW-OFF VALVE
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
ELECTRICAL TEST STATION
WHEEL STOP
A.C. BERM

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

SHEET INDEX

STREET PLANS (R-3291)

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2 TO 9	STREET IMPROVEMENT PLANS
10	INTERSECTION & MISC. DETAILS
11 TO 12	TYPICAL STREET SECTIONS
13	PROFILE INTERSECTING STREETS
14	STORM DRAIN LATERALS

TRAFFIC PLANS

SHEET NO.	DESCRIPTION
1	SIGNAL AT JURUPA AND VAN BUREN (X-485)
1	SIGNAL AT JURUPA AND FREMONT (X-237)
1 TO 4	STRIPING & SIGNING PLANS (XL-349)

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 Underground Service Alert
TOLL FREE 1-800-422-4133
Two working days before you dig.

✱ AS-BUILT 10-11-95 LH

BENCHMARK
H4-A, P.K. NAIL & TAG IN BASE OF ST. LIGHT ON N. SIDE OF JURUPA AVE. 40' W'LY. OF ROHR R.R. SPUR.
ELEVATION 788.314'

REGISTERED PROFESSIONAL ENGINEER — DUANE K. GREENWOOD — No. 43965 — Exp. 6/30/97 — CIVIL — STATE OF CALIFORNIA

ENGINEER IN RESPONSIBLE CHARGE
DUANE K. GREENWOOD
R.C.E. No. 43965 expires 6/30/97
DATE 1/9/95

MARK	REVISIONS	APPR.	DATE
△1	ADD CONSTRUCTION NOTE (C/S6)		2/1/95

DESIGNED BY ___ DRAWN BY LFH CHECKED BY ___

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY	BY	DATE
DEPUTY P.W. DIRECTOR		2/1/95
PRINCIPAL ENGINEER		1/13/95
CHIEF P.W. INSPECTOR		1-12-95
TRAFFIC DIVISION		1/13/95
SURVEYOR		1.12.95
STREET SERVICES		1/12/95
PARKS DEPARTMENT		1.2.95

APPROVED BY ___ PUBLIC WORKS DIRECTOR
DATE 1/26/95

JURUPA AVE. WIDENING FROM VAN BUREN TO UPRR

HORIZ. SCALE: VERT. SCALE:

ACCT. NO.: 432-541500-440302-30328

R-3291

SHEET 1 OF 14

PC 3502-S

INDEXED 3-23-95 LH

CONSTRUCTION NOTE:

(1) CONSTRUCT STAMPED CONCRETE IN MEDIAN ISLAND. COLOR SHALL BE ~~BROWN, A-25~~ * DESERT SAND ~~LA CRESCENTA~~ USE RUNNING BOND COBBLE STONE PATTERN. CHART C-11.

NOTE: EXIST. S.D. PIPE TO BE FIELD LOCATED PRIOR TO ISSUING GRADE SHEET.

CURVE DATA				
◇	△	R	L	T
1	180°00'00"	3'	9.42'	0'
2	17°00'00"	80'	23.73'	11.96'
3	9°34'38"	60'	98.14'	64.04'
4	19°00'00"	180'	59.69'	30.12'

CURB RETURN DATA
△ = 90° 00' 00"
R = 35'
T = 35'
L = 54.98'

CURB RETURN DATA
△ = 90° 00' 00"
R = 35'
T = 35'
L = 54.98'

* AS-BUILT 10-11-95 LH

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ENGINEER IN RESPONSIBLE CHARGE
DUANE K. GREENWOOD
R.C.E. No. 43065 expires 6/30/97
DATE 1/9/95

MARK	REVISIONS	APPR.	DATE
1	MODIFY CURB RETURN PROFILE		1/31/95
2	CHG. CURB REF. OFFSET @ VAN BUREN AND ADDED ACCESS DRIVEWAY @ RICKENBACKER		5/19/95
3	ADDED 8" R.V.C. SLEEVE		5/30/95

DESIGNED BY ---- DRAWN BY C.S. LFH CHECKED BY ----

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY	BY	DATE
DEPUTY P.W. DIRECTOR		2/1/95
PRINCIPAL ENGINEER		1/10/95
CHIEF P.W. INSPECTOR		1-12-95
TRAFFIC DIVISION		1/13/95
SURVEYOR		1.13.95
STREET SERVICES		1/13/95
PARKS DEPARTMENT		1-12-95

APPROVED BY
PUBLIC WORKS DIRECTOR
DATE 1/26/95

JURUPA AVE WIDENING FROM VAN BUREN TO UPRR

ACCT. NO.: 432-541500-440302-30328

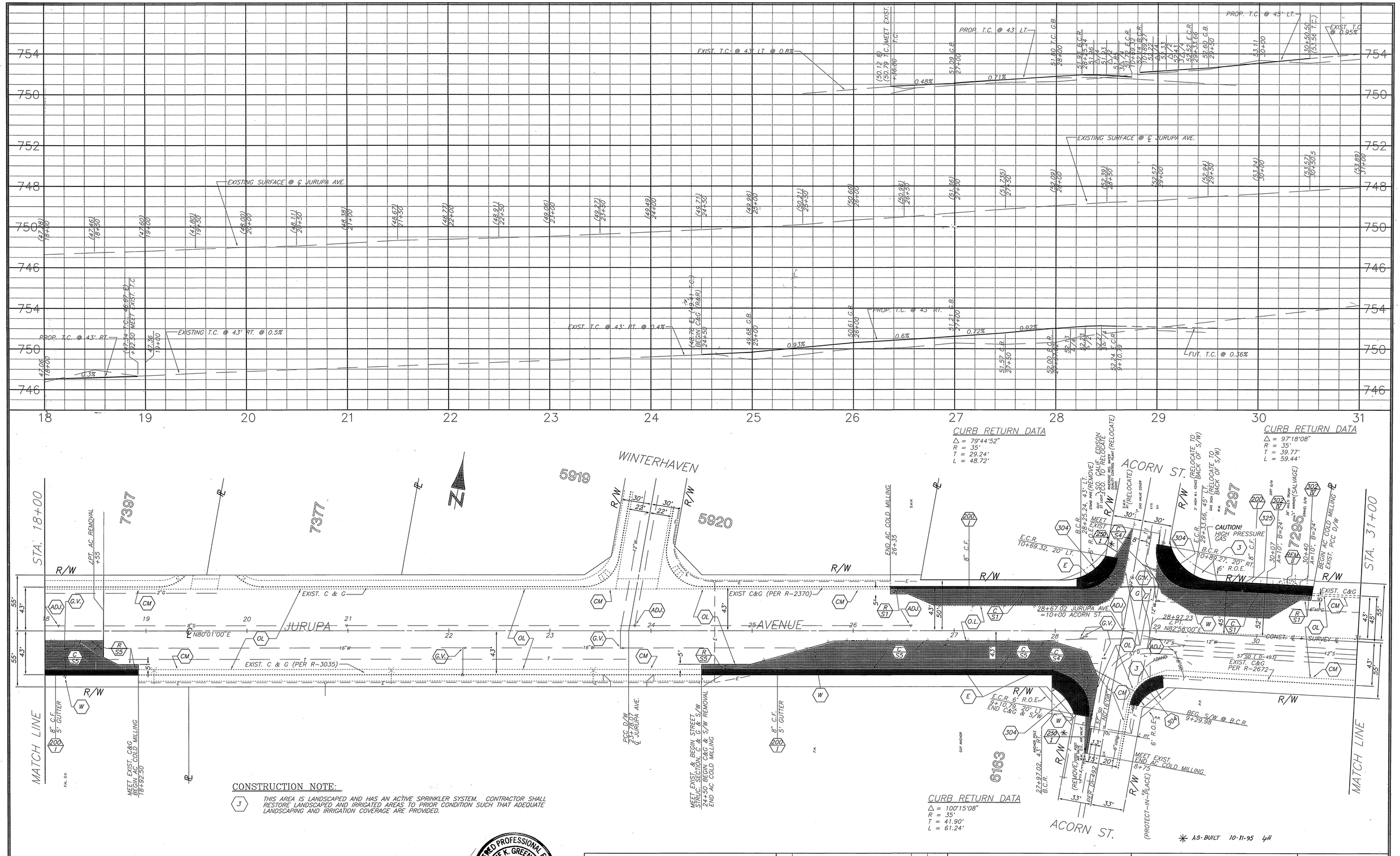
R-3291

SHEET 2 OF 14

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

PC 3502-S

INDEXED 3-23-95 LH



CONSTRUCTION NOTE:

(3) THIS AREA IS LANDSCAPED AND HAS AN ACTIVE SPRINKLER SYSTEM. CONTRACTOR SHALL RESTORE LANDSCAPED AND IRRIGATED AREAS TO PRIOR CONDITION SUCH THAT ADEQUATE LANDSCAPING AND IRRIGATION COVERAGE ARE PROVIDED.

✱ AS-BUILT 10-11-95 LFH

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DUANE K. GREENWOOD
R.C.E. No. 43065 expires 6/30/97
DATE 1/9/95

MARK	REVISIONS	APPR.	DATE

DESIGNED BY DRAWN BY C.S. LFH CHECKED BY

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY	BY	DATE
DEPUTY P.W. DIRECTOR		1/1/95
PRINCIPAL ENGINEER		1/13/95
CHIEF P.W. INSPECTOR		1-12-95
TRAFFIC DIVISION		1/13/95
SURVEYOR		1-12-95
STREET SERVICES		1/12/95
PARKS DEPARTMENT		1-2-95

APPROVED BY
PUBLIC WORKS DIRECTOR
DATE 1/26/95

JURUPA AVE WIDENING FROM VAN BUREN TO UPRR

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

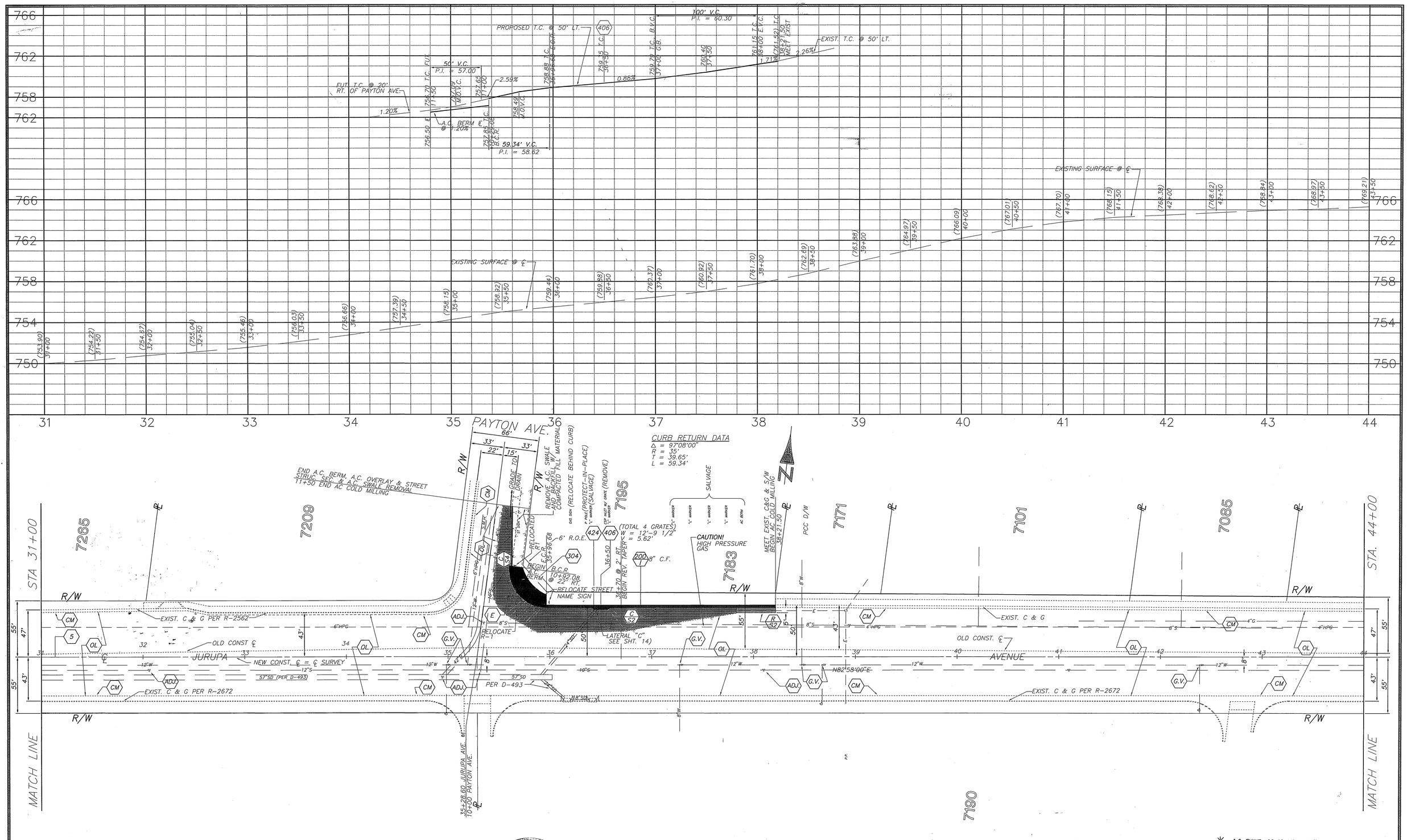
ACCT. NO.: 432-541500-440302-30328

R-3291

SHEET 3 OF 14

PC 3502-S

INDEXED 3-23-95 LFH



✳ AS-BUILT 10-11-95 GH

REGISTERED PROFESSIONAL ENGINEER
DUANE K. GREENWOOD
No. 43965
Exp. 6/30/97
CIVIL
STATE OF CALIFORNIA

ENGINEER IN RESPONSIBLE CHARGE

DUANE K. GREENWOOD
R.C.E. No. 43965 expires 6/30/97

DATE 1/9/95

MARK	REVISIONS	APPR.	DATE

DESIGNED BY DKH DRAWN BY C.S. LFH CHECKED BY DKH

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY	BY	DATE
DEPUTY P.W. DIRECTOR		1/11/95
PRINCIPAL ENGINEER		1/12/95
CHIEF P.W. INSPECTOR		1/12/95
TRAFFIC DIVISION		1/13/95
SURVEYOR		1/17/95
STREET SERVICES		1/17/95
PARKS DEPARTMENT		1/23/95

APPROVED BY
PUBLIC WORKS DIRECTOR
DATE 1/26/95

JURUPA AVE WIDENING FROM VAN BUREN TO UPRR

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

ACCT. NO.: 432-541500-440302-30328

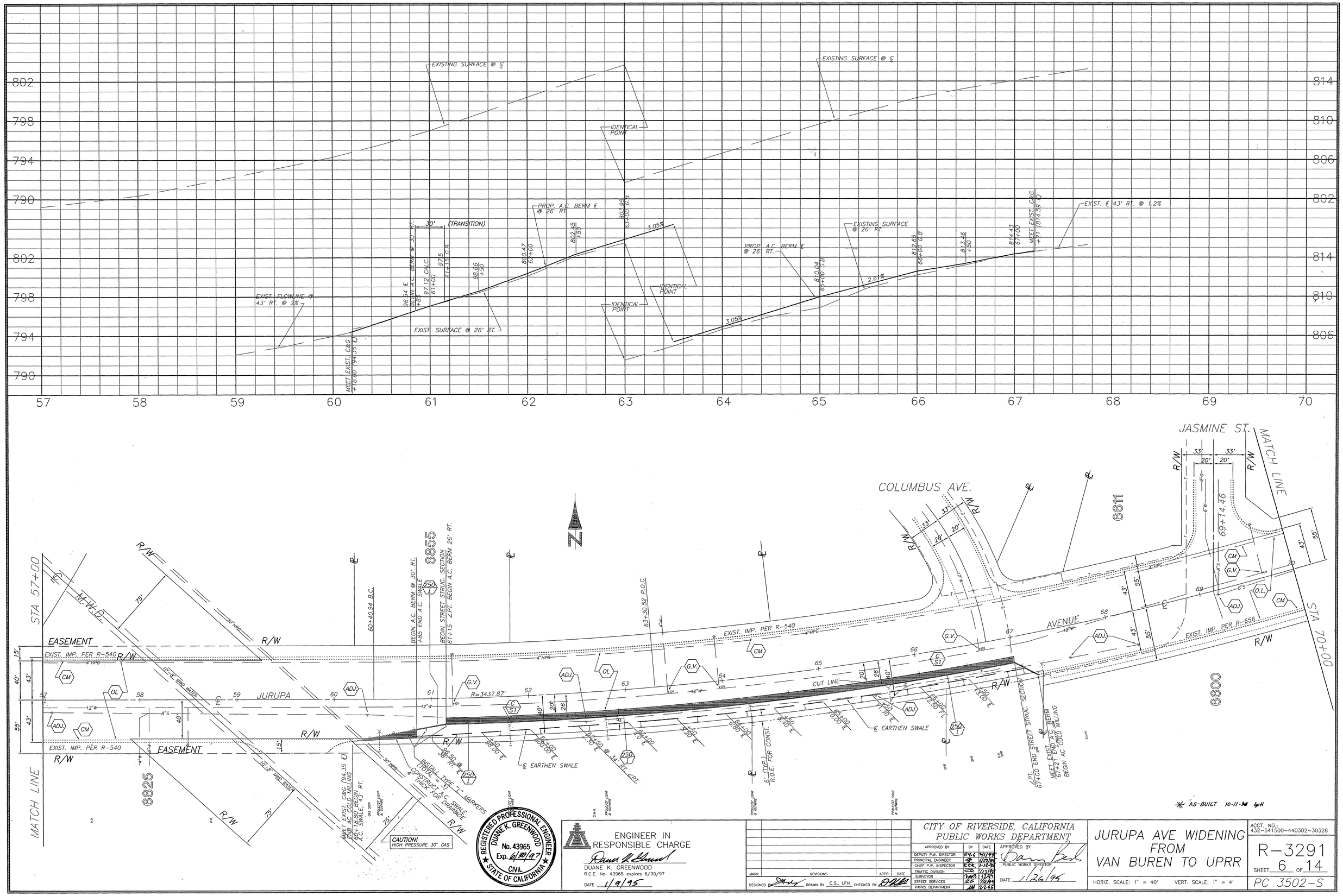
R-3291

SHEET 4 OF 14

PC 3502-S

INDEXED 3-23-95 GH

INDEXED 3-23-95 LH



ENGINEER IN RESPONSIBLE CHARGE

DUANE K. GREENWOOD
R.C.E. No. 43965 expires 6/30/97

DATE 1/9/95

MARK	REVISIONS	APPR.	DATE

DESIGNED BY [signature] DRAWN BY C.S., LFH CHECKED BY [signature]

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY	BY	DATE
DEPUTY P.W. DIRECTOR	RMG	2/1/95
PRINCIPAL ENGINEER	[illegible]	1/29/95
CHIEF P.W. INSPECTOR	[illegible]	1-12-95
TRAFFIC DIVISION	[illegible]	1/13/95
SURVEYOR	[illegible]	1-12-95
STREET SERVICES	[illegible]	1/12/95
PARKS DEPARTMENT	[illegible]	2-2-95

APPROVED BY [signature]
PUBLIC WORKS DIRECTOR

DATE 1/26/95

JURUPA AVE WIDENING FROM VAN BUREN TO UPRR

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

ACCT. NO.: 432-541500-440302-30328

R-3291

SHEET 6 OF 14

PC 3502-S

* AS-BUILT 10-11-95 LFH

INDEXED 3-23-95 LFH

REGISTERED PROFESSIONAL ENGINEER
DUANE K. GREENWOOD
No. 43965
Exp. 6/30/97
CIVIL
STATE OF CALIFORNIA

ENGINEER IN RESPONSIBLE CHARGE

DUANE K. GREENWOOD
R.C.E. No. 43965 expires 6/30/97
DATE 1/9/95

MARK	REVISIONS	APPR.	DATE

DESIGNED BY DKG DRAWN BY C.S., LFH CHECKED BY DKG

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY	BY	DATE
DEPUTY P.W. DIRECTOR	R.V.G.	2/1/95
PRINCIPAL ENGINEER		1/13/95
CHIEF P.W. INSPECTOR	RSK	1-12-95
TRAFFIC DIVISION		1/13/95
SURVEYOR		1-12-95
STREET SERVICES	RC	1/12/95
PARKS DEPARTMENT		2-2-95

APPROVED BY
PUBLIC WORKS DIRECTOR
DATE 1/26/95

JURUPA AVE WIDENING FROM VAN BUREN TO UPRR

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

ACCT. NO.: 432-541500-440302-30328

R-3291

SHEET 7 OF 14

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CONSTRUCTION NOTE:

(6) REMOVE EXISTING AC PAVEMENT BETWEEN RIGHT-OF-WAY AND CURB & GUTTER.

✳ AS-BUILT 10-11-95 LFH

REGISTERED PROFESSIONAL ENGINEER DUANE K. GREENWOOD No. 43965 Exp. 6/30/97 CIVIL STATE OF CALIFORNIA

ENGINEER IN RESPONSIBLE CHARGE

DUANE K. GREENWOOD
R.C.E. No. 43965 expires 6/30/97

DATE 1/9/95

MARK	REVISIONS	APPR.	DATE

DESIGNED BY ___ DRAWN BY LFH CHECKED BY ___

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY	BY	DATE
DEPUTY P.W. DIRECTOR	R.T.C.	2/1/95
PRINCIPAL ENGINEER		1/13/95
CHIEF P.W. INSPECTOR		1-12-95
TRAFFIC DIVISION		1/13/95
SURVEYOR		1-12-95
TRAFFIC DIVISION		
PARKS DEPARTMENT		2-2-95

APPROVED BY PUBLIC WORKS DIRECTOR

DATE 1/26/95

JURUPA AVE WIDENING FROM VAN BUREN TO UPRR

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SHEET 8 OF 14

PC 3502-S

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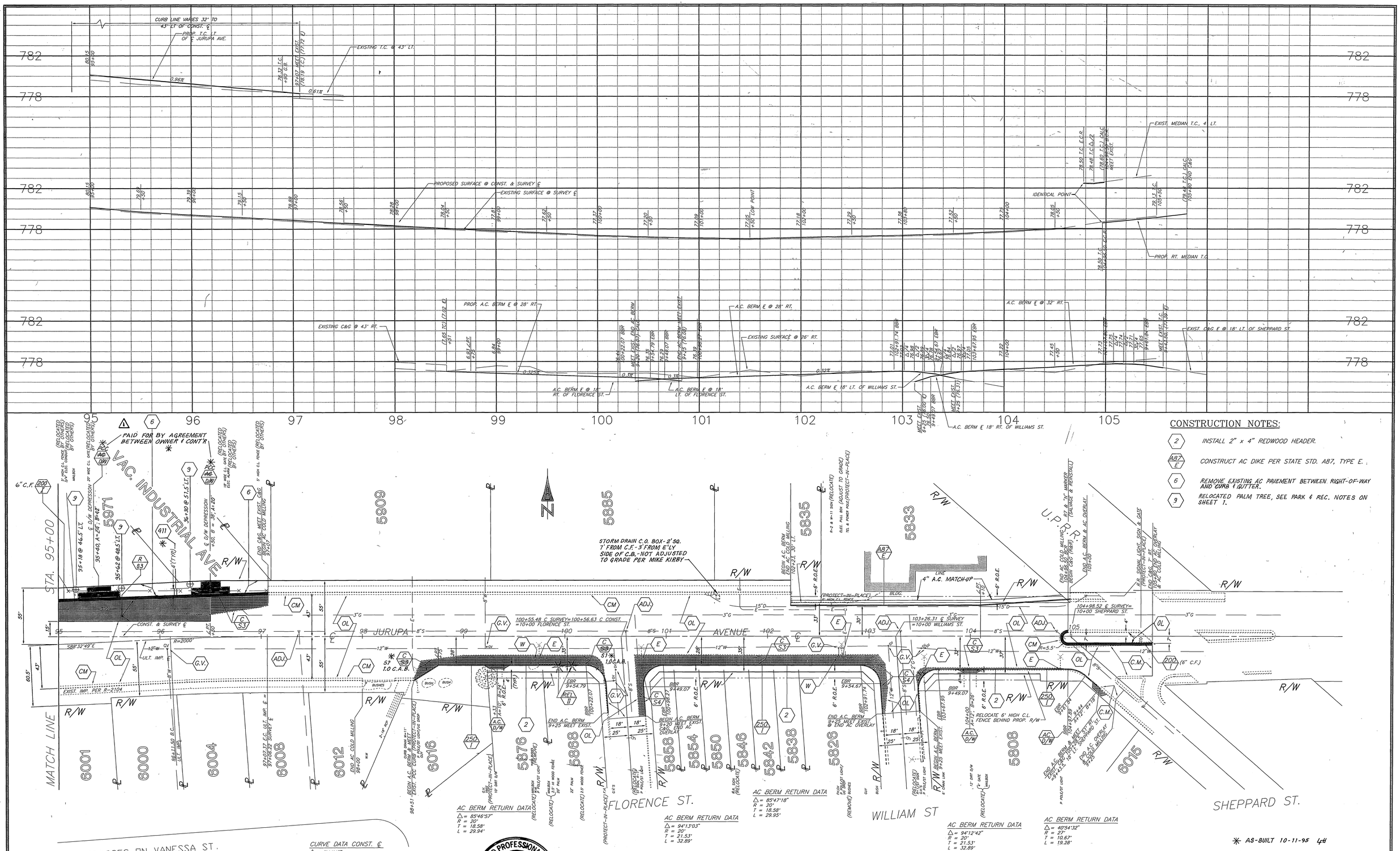

CONSTRUCTION NOTES:

- (2) INSTALL 2" x 4" REDWOOD HEADER.
- (A87/E) CONSTRUCT AC DIKE PER STATE STD. A87, TYPE E.
- (6) REMOVE EXISTING AC PAVEMENT BETWEEN RIGHT-OF-WAY AND CURB & GUTTER.
- (9) RELOCATED PALM TREE, SEE PARK & REC. NOTES ON SHEET 1.

CURVE DATA CONST. ℄
Δ = 2°44'47"
R = 2000'
T = 47.94'
L = 95.87'

AC BERM RETURN DATA
Δ = 85°46'57"
R = 20'
T = 18.58'
L = 29.94'

AC BERM RETURN DATA
Δ = 94°13'03"
R = 20'
T = 21.53'
L = 32.89'

AC BERM RETURN DATA
Δ = 85°47'18"
R = 20'
T = 18.58'
L = 29.95'

AC BERM RETURN DATA
Δ = 94°12'42"
R = 20'
T = 21.53'
L = 32.89'

AC BERM RETURN DATA
Δ = 40°54'32"
R = 27'
T = 10.67'
L = 19.28'

✱ AS-BUILT 10-11-95 LH

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CIVIL
STATE OF CALIFORNIA

ENGINEER IN RESPONSIBLE CHARGE
DUANE K. GREENWOOD
R.C.E. No. 43965 expires 6/30/97
DATE 1/9/95

MARK	REVISIONS	APPR.	DATE
1	MODIFY TREE LOCATIONS + D/W A.P.	DWG	2/1/95

DESIGNED BY CONRAD SENDRAY DRAWN BY LFH CHECKED BY DKG

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY	BY	DATE
DEPUTY P.W. DIRECTOR	RMG	2/1/95
PRINCIPAL ENGINEER	PG	1/19/95
CHIEF P.W. INSPECTOR	RSE	1-12-95
TRAFFIC DIVISION		1/3/95
SURVEYOR	MDB	1/12/95
STREET SERVICES	RL	1/12/95
PARKS DEPARTMENT	AM	1-2-95

APPROVED BY
PUBLIC WORKS DIRECTOR
DATE 1/26/95

JURUPA AVE WIDENING FROM VAN BUREN TO UPRR

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

ACCT. NO.: 432-541500-440302-30328

R-3291

SHEET 9 OF 14

PC 3502-S

INDEXED 3-23-95 LH

NOTE: EXISTING SD PIPE SHALL BE FIELD LOCATED PRIOR TO ISSUING GRADE SHEET.

JURUPA AVE. / FREMONT AVE. / COLUMBUS AVE. INTERSECTION DETAIL

SCALE: 1" = 20'

JURUPA AVE. / VAN BUREN BLVD. ISLAND DETAIL

SCALE: 1" = 20'

NOTE:
SEE TRAFFIC SIGNAL PLAN X-485 FOR CONDUIT & TRAFFIC SIGNAL FOUNDATIION LOCATION ON THIS ISLAND.

NOTE:
CONTRACTOR SHALL INSTALL AC BERM AT THE EDGE OF AC RAMP AS INDICATED AT THE FOLLOWING WHEELCHAIR RAMP LOCATIONS:
1. NORTH/EAST CORNER OF FREMONT & JURUPA.
2. SOUTH/WEST CORNER OF COLUMBUS & JURURPA.

AC WHEELCHAIR RAMP DETAIL

SCALE: 1" = 4'

CONSTRUCTION NOTES:

1. CONSTRUCT STAMPED CONCRETE IN MEDIAN ISLAND. COLOR SHALL BE LA CRESCENTA BROWN, A-25. USE RUNNING BOND COBBLE STONE PATTERN.
4. CONSTRUCT 3" THICK AC WHEELCHAIR RAMP PER DETAIL SHOWN ABOVE.
5. CONSTRUCT WHEELCHAIR RAMP PER STATE STANDARD NSP-A88, CASE C.

✳ AS-BUILT 11-06-95 LH

REGISTERED PROFESSIONAL ENGINEER — DUANE K. GREENWOOD — No. 43965 — Exp. 6/30/97 — CIVIL — STATE OF CALIFORNIA

ENGINEER IN RESPONSIBLE CHARGE
DUANE K. GREENWOOD
R.C.E. No. 43965 expires 6/30/94
DATE 1/9/95

MARK	REVISIONS	DATE	APPR.
1	MODIFY ISLAND DETAIL T.C.	1/31/95	DKG
2	MODIFIED ISLAND DETAIL	5/9/95	DKG

DESIGNED BY DKG DRAWN BY LFH CHECKED BY DKG

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY	BY	DATE
DEPUTY P.W. DIRECTOR	RMG	2/1/95
PRINCIPAL ENGINEER	AC	1/13/95
CHIEF P.W. INSPECTOR	RJK	1-12-95
TRAFFIC DIVISION	Z	1/17/95
SURVEYOR	WJM	1-12-95
STREET SERVICES	RC	1/12/95
PARKS DEPARTMENT	MA	2-2-95

APPROVED BY
PUBLIC WORKS DIRECTOR
DATE 1/26/95

INTERSECTION & MISC. DETAILS

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

ACCT. NO.: 432-541500-440302-30328

R-3291

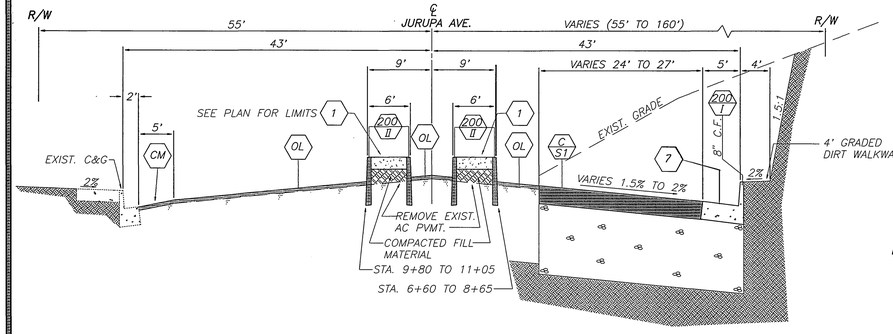
SHEET 10 OF 14

PC 3502-S

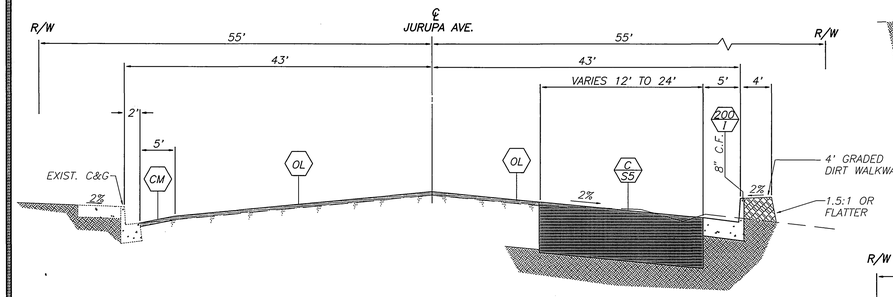
INDEXED 3-23-95 LH

CONSTRUCTION NOTE:

1. CONSTRUCT STAMPED CONCRETE IN MEDIAN ISLAND. COLOR SHALL BE LA CRESENTA BROWN, A-25. USE RUNNING BOND COBBLE STONE PATTERN.
7. SAWCUT 5' CURB & GUTTER AT WEAKEND PLANE JOINTS (10' INTERVALS) THROUGHOUT THE LENGTH OF CURB. NO HAND TOOLS SHALL BE USED AT ALL JOINTS.

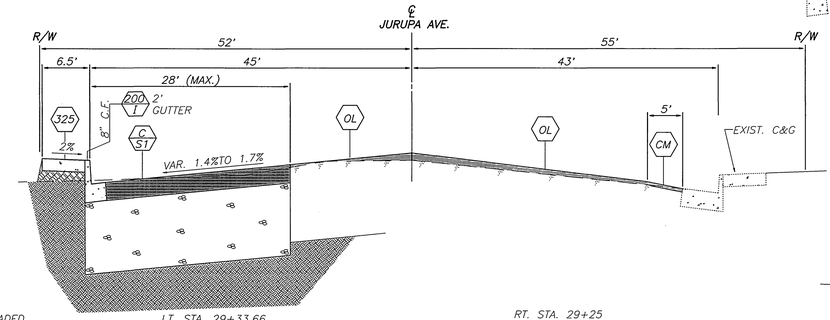


RT. STA. 8+35.83
TO STA. 15+22.19



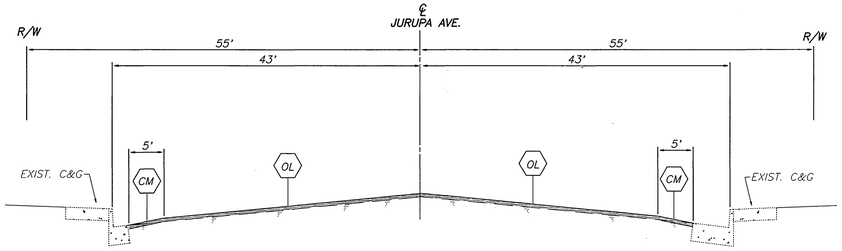
RT. STA. 15+22.19
TO STA. 18+92.50

RT. STA. 18+92.50
TO STA. 24+50



LT. STA. 29+33.66
TO STA. 30+53

RT. STA. 29+25
TO STA. 36+00

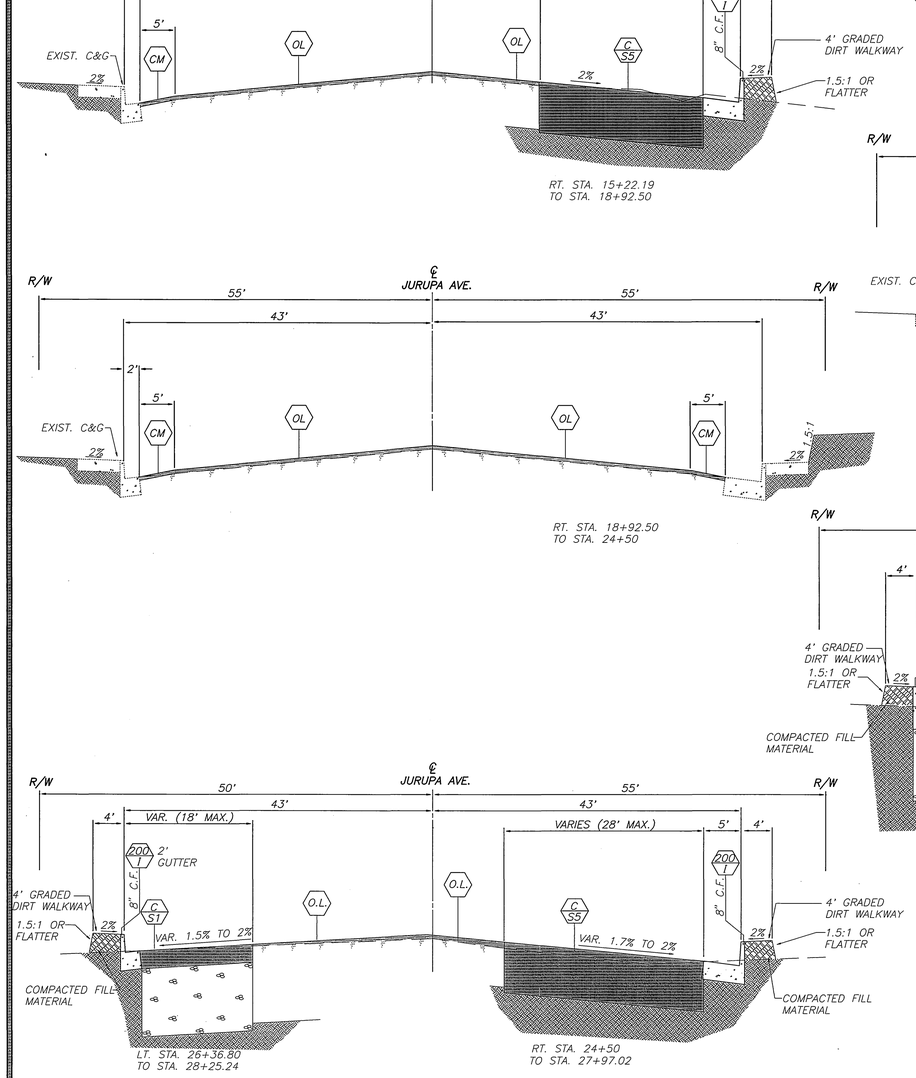


LT. STA. 30+53
TO STA. 34+70

RT. STA. 36+00
TO STA. 40+00

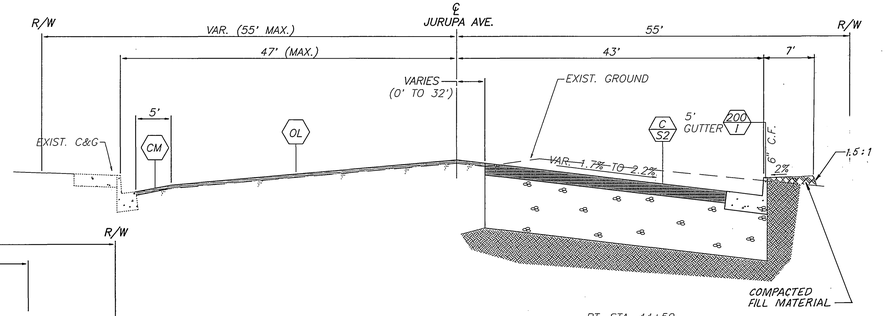
LT. STA. 35+96.68
TO STA. 38+21.50

RT. STA. 40+00
TO STA. 44+50

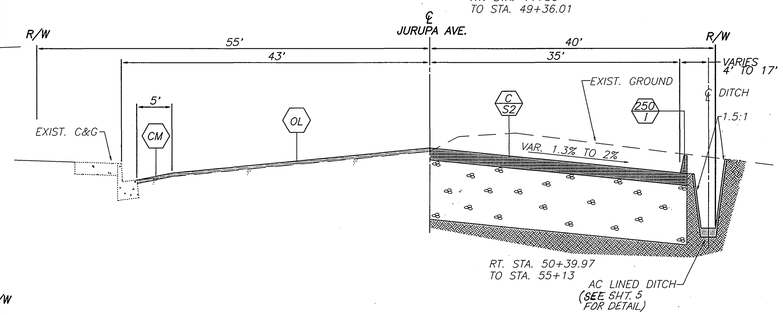


LT. STA. 26+36.80
TO STA. 28+25.24

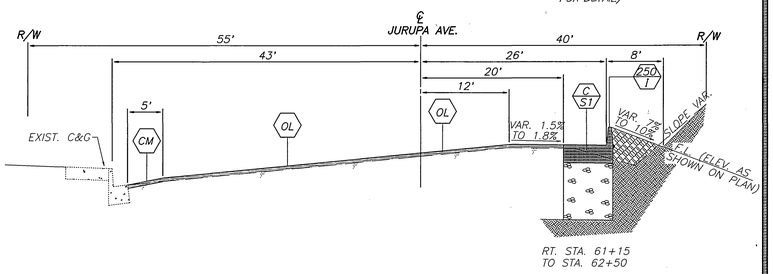
RT. STA. 24+50
TO STA. 27+97.02



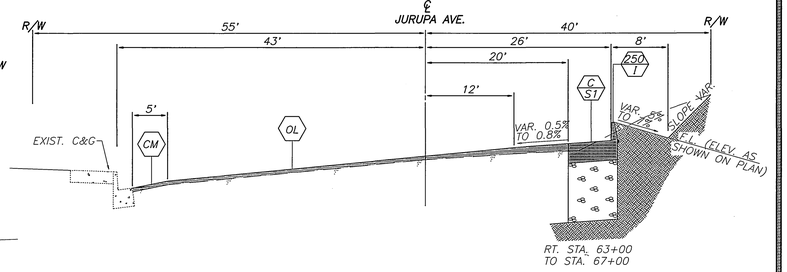
RT. STA. 44+50
TO STA. 49+36.01



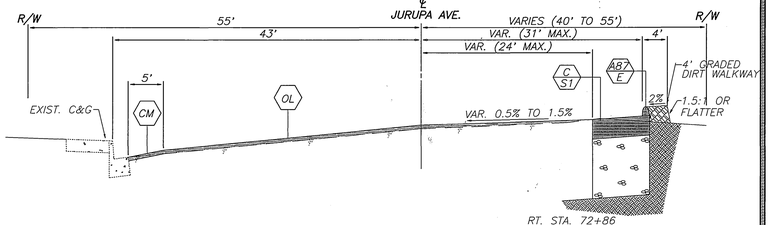
RT. STA. 50+39.97
TO STA. 55+13



RT. STA. 61+15
TO STA. 62+50



RT. STA. 63+00
TO STA. 67+00



RT. STA. 72+86
TO STA. 79+95.89

✳ AS-BUILT 10-11-95 LH

REGISTERED PROFESSIONAL ENGINEER
DUANE K. GREENWOOD
No. 43965
Exp. 6/30/97
CIVIL
STATE OF CALIFORNIA

ENGINEER IN RESPONSIBLE CHARGE
DUANE K. GREENWOOD
R.C.E. No. 43965 expires 6/30/97
DATE 1/9/95

MARK	REVISIONS	APPR.	DATE

DESIGNED BY ____ DRAWN BY LFH CHECKED BY DKG

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY	BY	DATE
DEPUTY P.W. DIRECTOR	[illegible]	1/26/95
PRINCIPAL ENGINEER	[illegible]	1/10/95
CHIEF P.W. INSPECTOR	[illegible]	1-26-95
TRAFFIC DIVISION	[illegible]	1/13/95
SURVEYOR	[illegible]	1/24/95
STREET SERVICES	[illegible]	1-26-95
PARKS DEPARTMENT	[illegible]	1/24/95

APPROVED BY ____
PUBLIC WORKS DIRECTOR
DATE 1/26/95

JURUPA AVE. WIDENING TYPICAL SECTIONS

HORIZ. SCALE: 1" = 10' VERT. SCALE: 1" = 2'

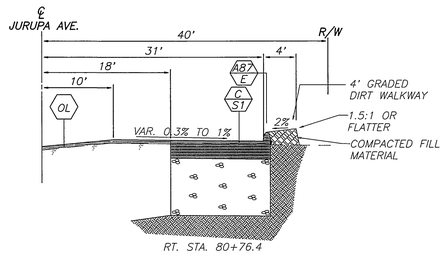
ACCT. NO.: 432-541500-440302-30328

R-3291

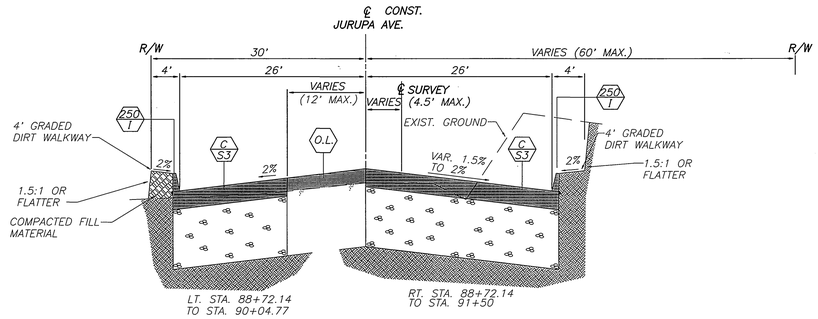
SHEET 11 OF 14

PC 3502-S

INDEXED 3-23-95 LH

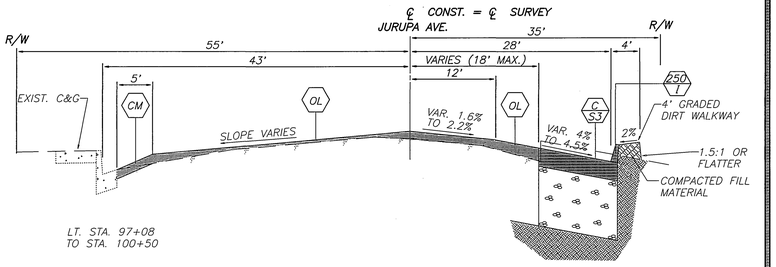


RT. STA. 80+76.4
TO STA. 82+37



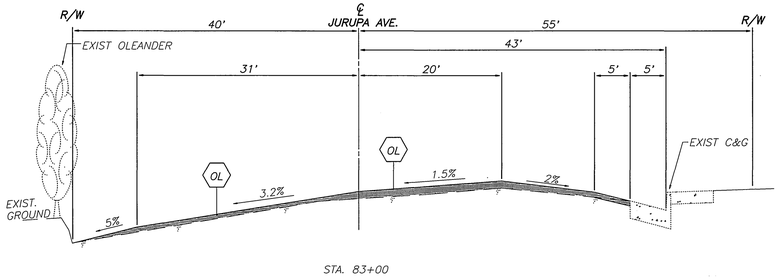
LT. STA. 88+72.14
TO STA. 90+04.77

RT. STA. 88+72.14
TO STA. 91+50

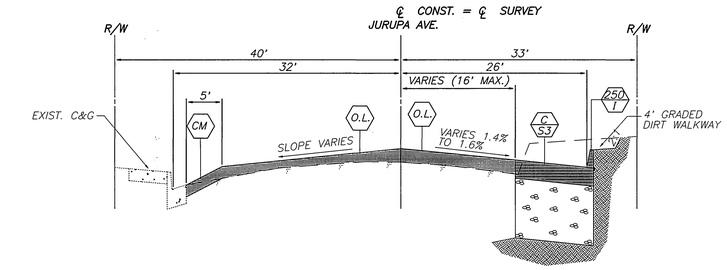


LT. STA. 97+08
TO STA. 100+50

RT. STA. 98+75
TO STA. 100+22.07

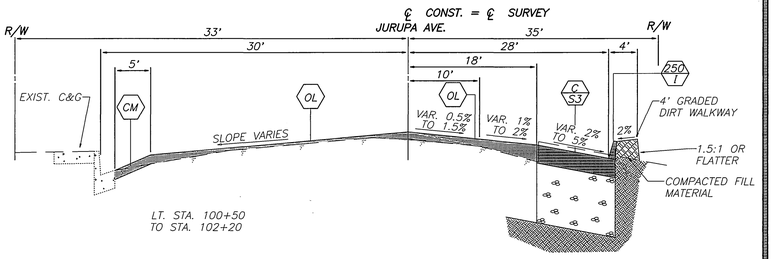


STA. 83+00



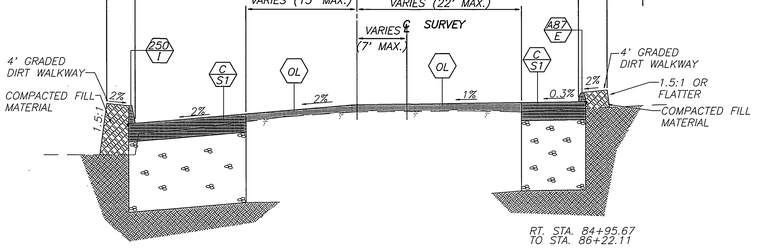
LT. STA. 91+00
TO STA. 94+04

RT. STA. 92+36.74
TO STA. 93+50



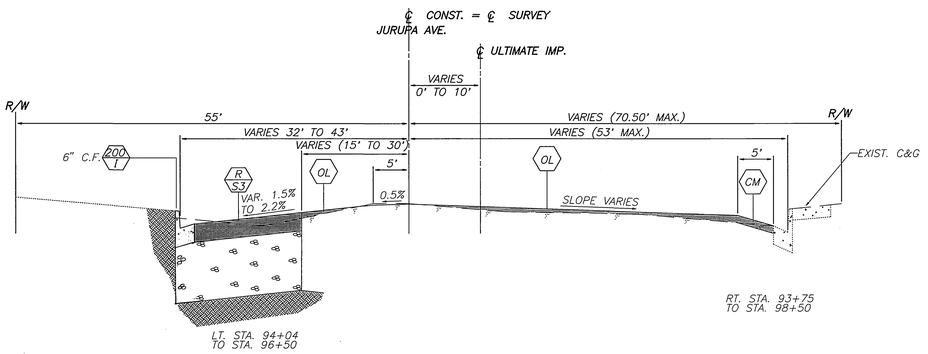
LT. STA. 100+50
TO STA. 102+20

RT. STA. 100+98.27
TO STA. 102+91.74



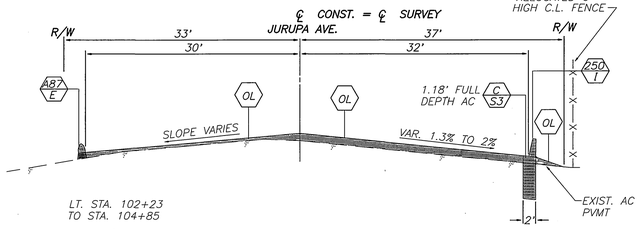
LT. STA. 85+49.27
TO STA. 86+22.11

RT. STA. 84+95.67
TO STA. 86+22.11



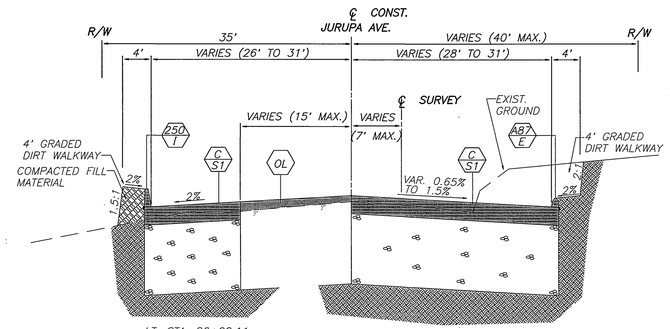
LT. STA. 94+04
TO STA. 96+50

RT. STA. 93+75
TO STA. 98+50



LT. STA. 102+23
TO STA. 104+85

RT. STA. 103+67.95
TO STA. 104+97.89



LT. STA. 86+22.11
TO STA. 88+72.14

RT. STA. 86+22.11
TO STA. 88+01.87

REGISTERED PROFESSIONAL ENGINEER
DUANE K. GREENWOOD
No. 43965
Exp. 6/30/97
CIVIL
STATE OF CALIFORNIA

ENGINEER IN RESPONSIBLE CHARGE
DUANE K. GREENWOOD
R.C.E. No. 43965 expires 6/30/97
DATE 1/9/95

MARK	REVISIONS	APPR.	DATE

DESIGNED BY DKG DRAWN BY LFH CHECKED BY DKG

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY	BY	DATE
DEPUTY P.W. DIRECTOR	RAC	2/1/95
PRINCIPAL ENGINEER	DK	1/9/95
CHIEF P.W. INSPECTOR	CFD	1-12-95
TRAFFIC DIVISION	DK	1/13/95
SURVEYOR	MKO	1/24/95
STREET SERVICES	RC	1/24/95
PARKS DEPARTMENT	AM	1-25-95

APPROVED BY
PUBLIC WORKS DIRECTOR
DATE 1/26/95

JURUPA AVE. WIDENING TYPICAL SECTIONS

HORIZ. SCALE: 1" = 10' VERT. SCALE: 1" = 2'

ACCT. NO.: 432-541500-440302-30328

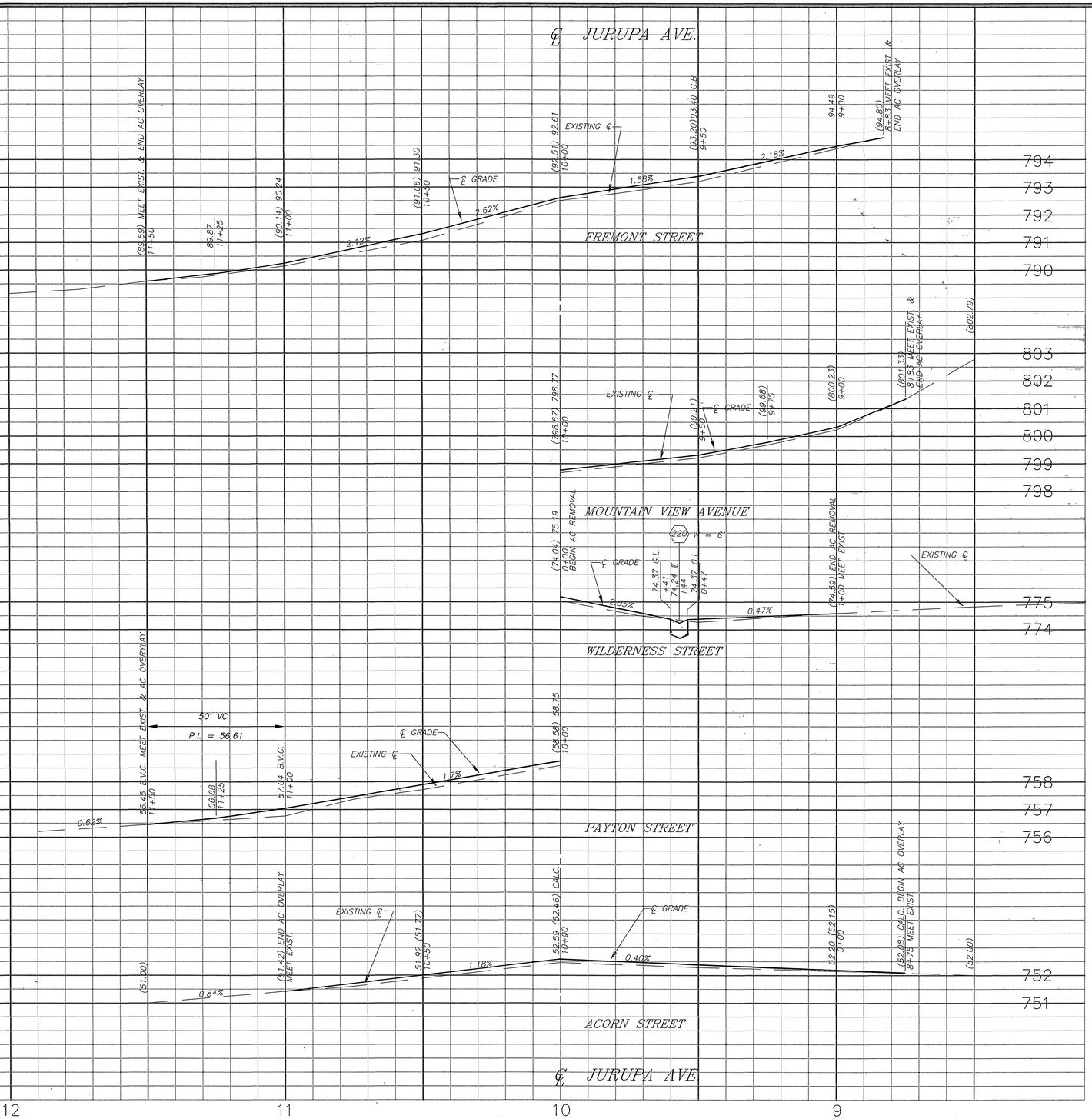
R-3291

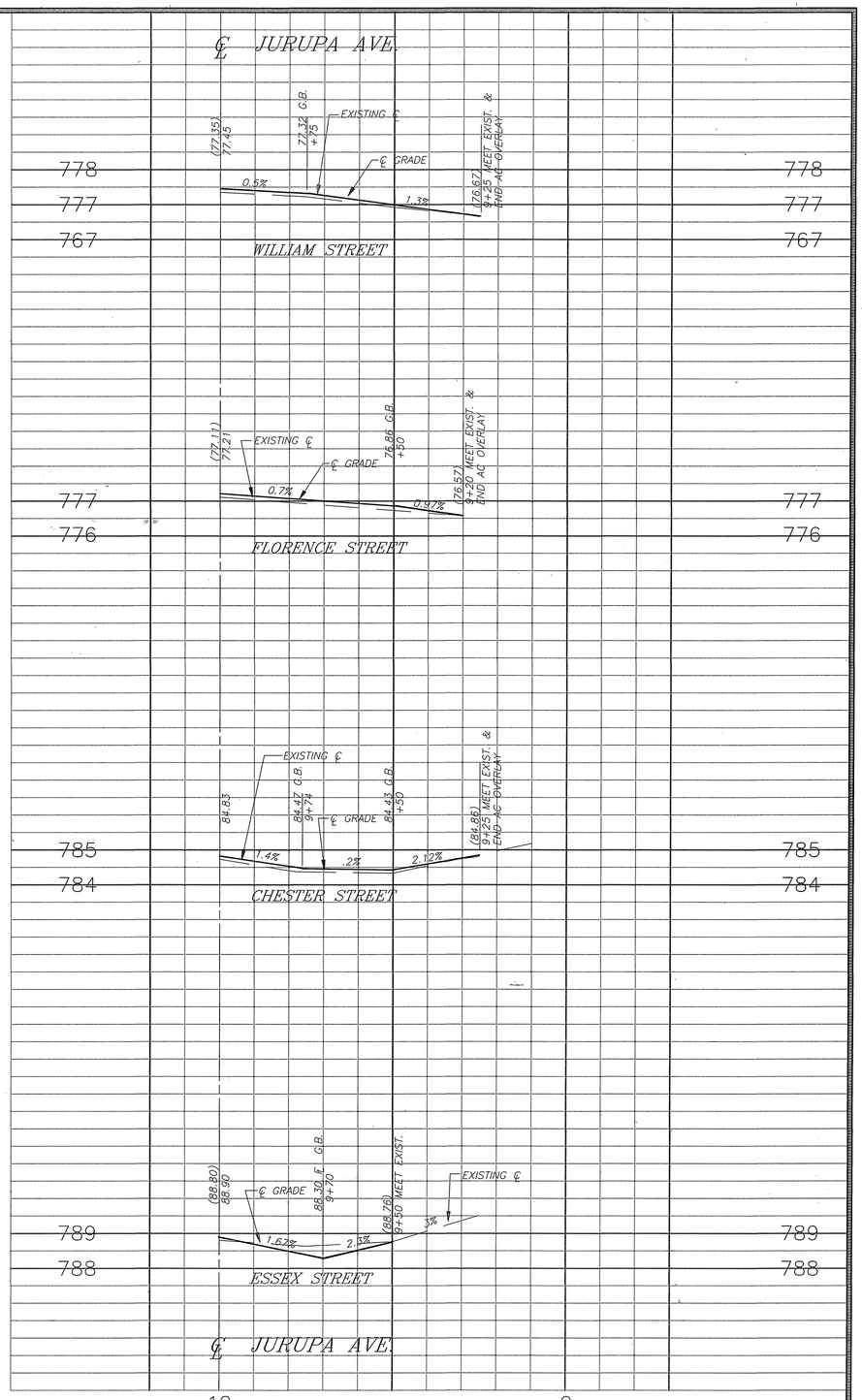
SHEET 12 OF 14

PC 3502-S

* AS-BUILT 10-11-95 LFH

INDEXED 3-23-95 LFH





✳ AS-BUILT 10-11-95 LFH

REGISTERED PROFESSIONAL ENGINEER
DUANE K. GREENWOOD
No. 43965
Exp. 6/30/97
CIVIL
STATE OF CALIFORNIA

ENGINEER IN RESPONSIBLE CHARGE
DUANE K. GREENWOOD
R.C.E. No. 43065 expires 6/30/97
DATE 1/9/95

MARK	REVISIONS	APPR.	DATE

DESIGNED BY ____ DRAWN BY LFH CHECKED BY DKG

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY	BY	DATE
DEPUTY P.W. DIRECTOR		7/11/95
PRINCIPAL ENGINEER		7/11/95
CHIEF P.W. INSPECTOR		7/12/95
TRAFFIC DIVISION		7/13/95
SURVEYOR		7/13/95
STREET SERVICES		7/20/95
PARKS DEPARTMENT		7/24/95

APPROVED BY
PUBLIC WORKS DIRECTOR
DATE 7/26/95

JURUPA AVE WIDENING PROFILE INTERSECTING STREETS

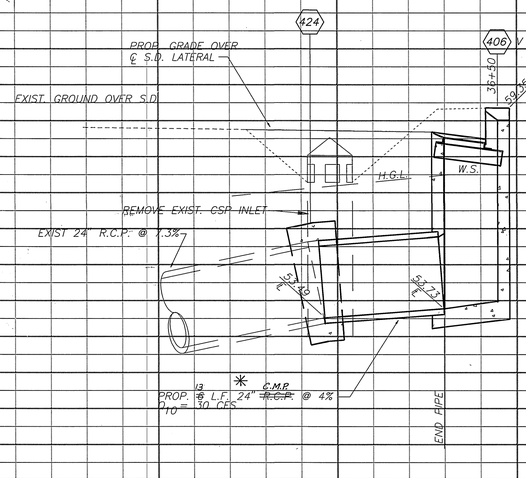
HORIZ. SCALE: 1" = 20' VERT. SCALE: 1" = 2'

ACCT. NO.: 432-541500-440302-30328

R-3291
SHEET 13 OF 14

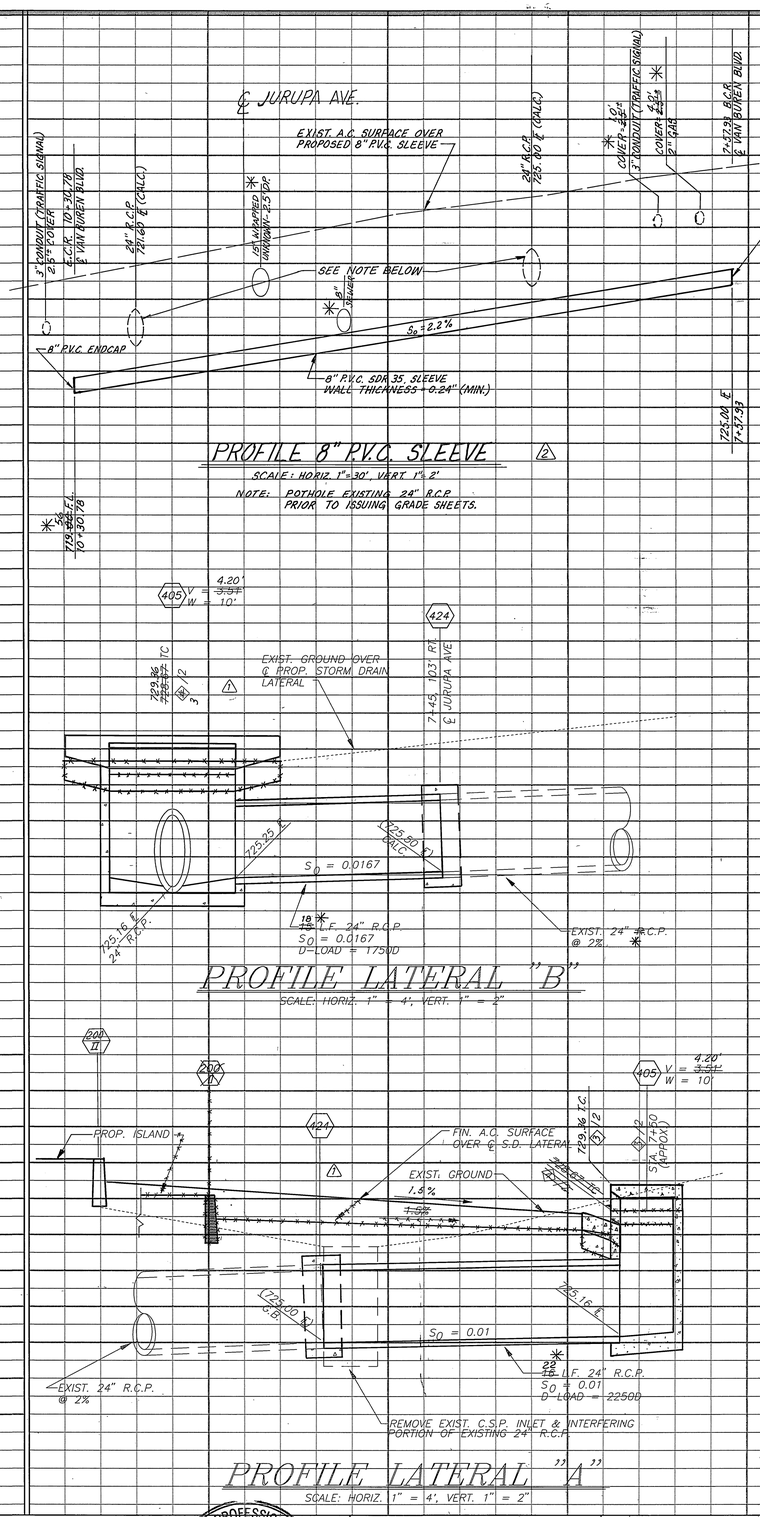
PC 3502-S

INDEXED 3-23-95 LFH



PROFILE LATERAL "C"

SCALE: HORIZ. 1" = 4', VERT. 1" = 2'



PROFILE 8" P.V.C. SLEEVE

SCALE: HORIZ. 1"=30', VERT. 1"=2'

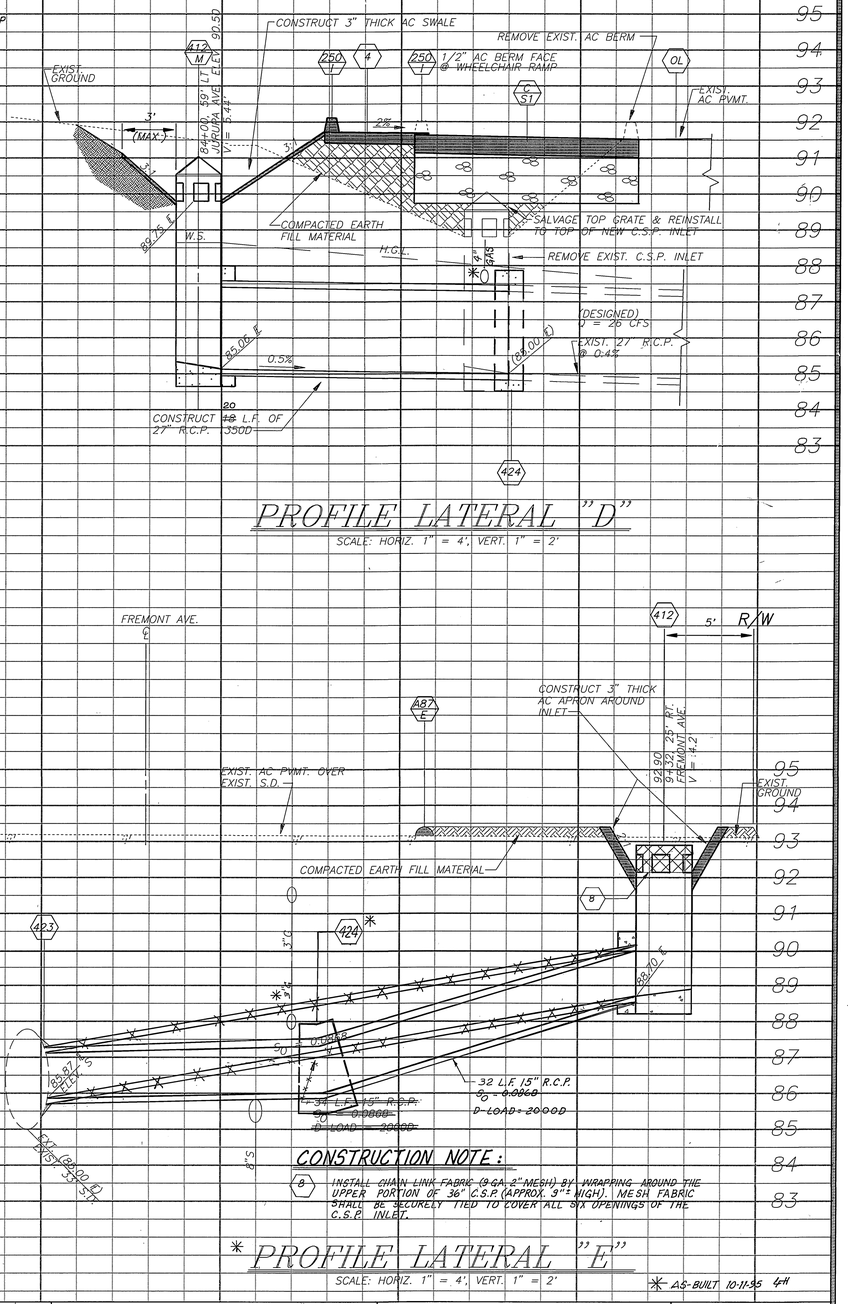
NOTE: POTHOLE EXISTING 24" R.C.P. PRIOR TO ISSUING GRADE SHEETS.

PROFILE LATERAL "B"

SCALE: HORIZ. 1" = 4', VERT. 1" = 2"

PROFILE LATERAL "A"

SCALE: HORIZ. 1" = 4', VERT. 1" = 2"



PROFILE LATERAL "D"

SCALE: HORIZ. 1" = 4', VERT. 1" = 2'

CONSTRUCTION NOTE:

8 INSTALL CHAIN LINK FABRIC (9 GA. 2" MESH) BY WRAPPING AROUND THE UPPER PORTION OF 36" C.S.P. (APPROX. 3'± HIGH). MESH FABRIC SHALL BE SECURELY TIED TO COVER ALL SIX OPENINGS OF THE C.S.P. INLET.

PROFILE LATERAL "E"

SCALE: HORIZ. 1" = 4', VERT. 1" = 2'

✳ AS-BUILT 10-11-95 LFH

REGISTERED PROFESSIONAL ENGINEER — DUANE K. GREENWOOD — No. 43965 — Exp. 6/30/97 — CIVIL — STATE OF CALIFORNIA

ENGINEER IN RESPONSIBLE CHARGE

DUANE K. GREENWOOD
R.C.E. No. 43965 expires 6/30/97

DATE 1/9/95

MARK	REVISIONS	APPR.	DATE
2	ADDED 8" P.V.C. SLEEVE	DKG	5/10/95
1	REVISED STORM DRAIN PROFILE LATERALS "A" "B"	DKG	5/10/95

DESIGNED BY DKG DRAWN BY LFH CHECKED BY DKG

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY	BY	DATE
DEPUTY P.W. DIRECTOR	MLG	7/7/95
PRINCIPAL ENGINEER	DKG	11/7/95
CHIEF P.W. INSPECTOR	GR	12-28-95
TRAFFIC DIVISION	[illegible]	11/13/95
SURVEYOR	MCD	11-13-95
STREET SERVICES	RR	11/21/95
PARKS DEPARTMENT		

APPROVED BY [signature]
PUBLIC WORKS DIRECTOR
DATE 1/26/95

STORM DRAIN LATERAL PROFILE

HORIZ. SCALE: AS NOTED. VERT. SCALE: AS NOTED

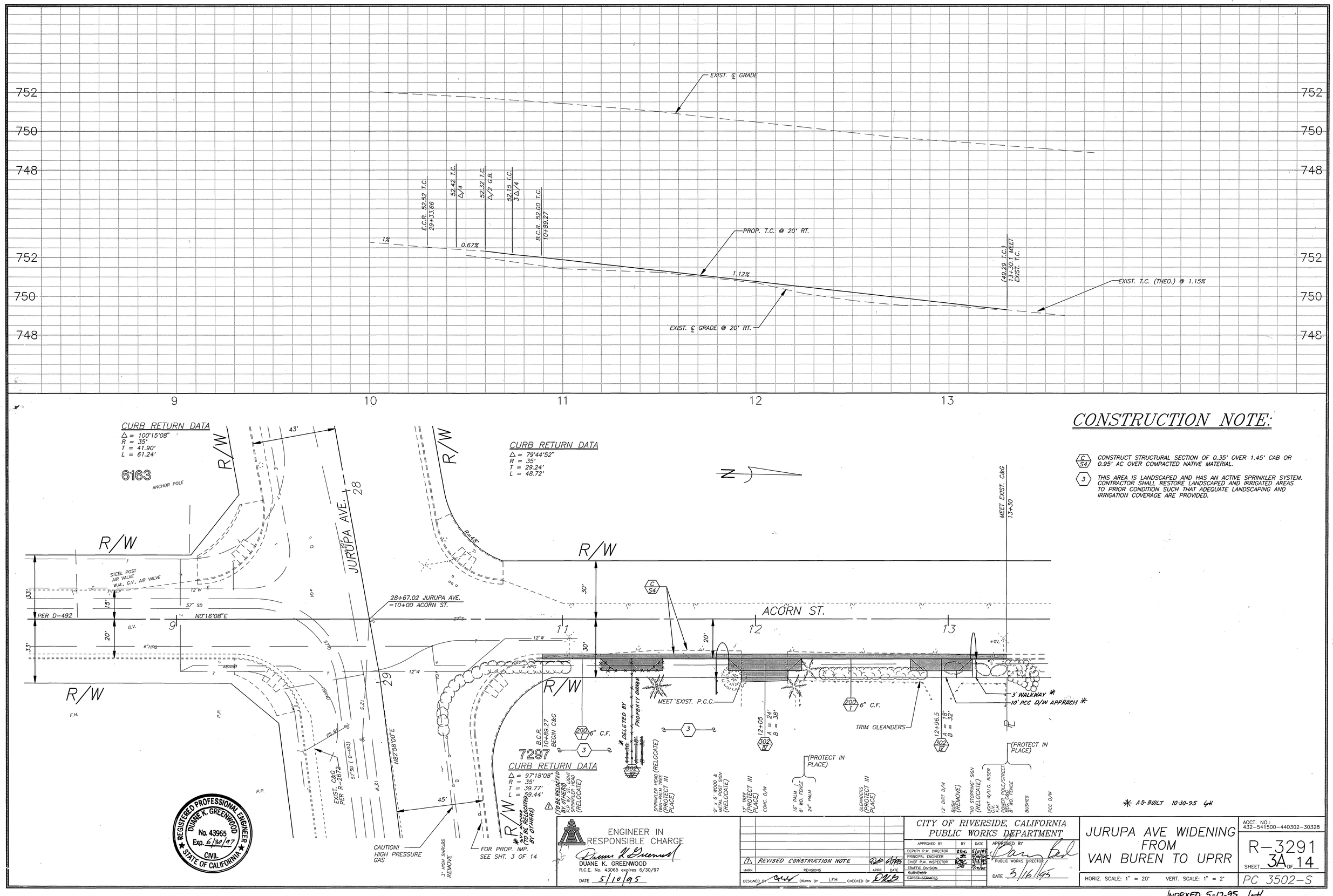
ACCT. NO.: 432-541500-440302-30328

R-3291

SHEET 14 OF 14

PC 3502-S

INDEXED 3-23-95 LFH



CONSTRUCTION NOTE:

C S4 — CONSTRUCT STRUCTURAL SECTION OF 0.35' OVER 1.45' CAB OR 0.95' AC OVER COMPACTED NATIVE MATERIAL.

3 — THIS AREA IS LANDSCAPED AND HAS AN ACTIVE SPRINKLER SYSTEM. CONTRACTOR SHALL RESTORE LANDSCAPED AND IRRIGATED AREAS TO PRIOR CONDITION SUCH THAT ADEQUATE LANDSCAPING AND IRRIGATION COVERAGE ARE PROVIDED.

* AS-BUILT 10-30-95 GH

REGISTERED PROFESSIONAL ENGINEER
DUANE K. GREENWOOD
No. 43965
Exp. 6/30/97
CIVIL
STATE OF CALIFORNIA

ENGINEER IN RESPONSIBLE CHARGE
Duane K Greenwood
DUANE K. GREENWOOD
R.C.E. No. 43065 expires 6/30/97
DATE 5/10/95

MARK	REVISIONS	APP'D	DATE
1	REVISED CONSTRUCTION NOTE	DKG	6/1/95

DESIGNED BY DKG DRAWN BY LFH CHECKED BY DKG

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY	BY	DATE
DEPUTY P.W. DIRECTOR	[illegible]	6/1/95
PRINCIPAL ENGINEER	[illegible]	5/10/95
CHIEF P.W. INSPECTOR	[illegible]	5/11/95
TRAFFIC DIVISION		5/10/95
~~SURVEYOR~~		
~~STREET SERVICES~~		

APPROVED BY [signature]
PUBLIC WORKS DIRECTOR
DATE 3/16/95

JURUPA AVE WIDENING FROM VAN BUREN TO UPRR

ACCT. NO.: 432-541500-440302-30328

R-3291

SHEET 3A OF 14

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

PC 3502-S

INDEXED 5-17-95 GH