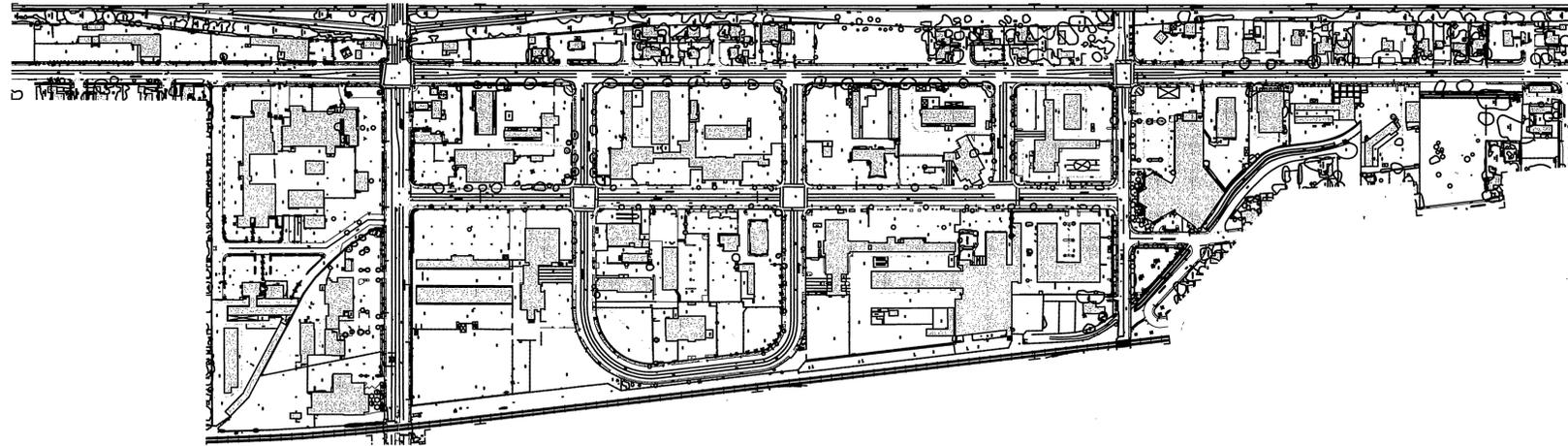
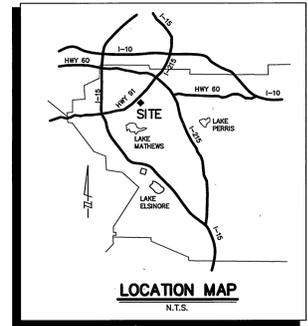


IN THE CITY OF RIVERSIDE  
**AUTO CENTER RENOVATION PLAN**  
**RIVERSIDE AUTO CENTER ASSESSMENT DISTRICT**

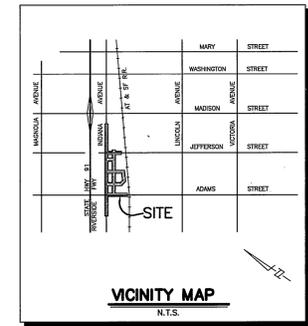


INDEX MAP

SCALE: 1" = 300'



LOCATION MAP  
N.T.S.



VICINITY MAP  
N.T.S.

UTILITY CONTACTS

**STREET/SEWER/  
STORM DRAIN:**

CITY OF RIVERSIDE  
 DEPARTMENT OF PUBLIC WORKS  
 CITY HALL, 3rd FLOOR  
 3900 MAIN STREET  
 RIVERSIDE, CA. 92501

MR. MICHAEL KATUSIAN, (909) 782-5483

**ELECTRIC:**

CITY OF RIVERSIDE  
 PUBLIC UTILITIES DEPARTMENT  
 CITY HALL, 4th FLOOR  
 3900 MAIN STREET  
 RIVERSIDE, CA. 92501

MR. BILL MAINORD, (909) 782-5393  
 MR. ADRIAN VALDEZ, (909) 782-5488

**TELEPHONE:**

PACIFIC BELL  
 3939 EAST CORONADO  
 2nd FLOOR  
 ANAHEIM, CA. 92807

MR. LEE R. CORBY, ENGINEER/  
 SERVICE PLANNER  
 (714) 666-5770  
 MR. KEN PAIN, BUILDING

**LANDSCAPE/TREES:**

CITY OF RIVERSIDE  
 PARK & RECREATION DEPARTMENT  
 3685 MAIN STREET, SUITE 200  
 RIVERSIDE, CA. 92501

MR. ROBERT JOHNSON - PLANNING COORDINATOR (909) 715-3466

**GAS:**

THE GAS COMPANY  
 1981 WEST LUGONIA AVE.  
 REDLANDS, CA. 92374-9720

Mailing Address:  
 P.O. BOX 3003  
 REDLANDS, CA. 92373-0306

MR. DREW SANCHEZ, (909) 335-7847

**CABLE:**

CHARTER COMMUNICATIONS:  
 6680 VIEW PARK COURT  
 RIVERSIDE, CA. 92503

MR. STEWART KING, Construction Superintendent  
 (909) 688-9012

**WATER:**

CITY OF RIVERSIDE, WATER SYSTEMS  
 3900 MAIN STREET  
 RIVERSIDE, CA 92522

CONTACT: THERESA WALDSCHMITT  
 DEVELOPMENT SERVICES REP.  
 PHONE: (909) 782-5442

CONTACT: BRIAN SIMPSON-WATER PLANNING  
 PHONE: (909) 782-5379

CONTACT: RICK DROBEK WATER CONTRACT ADMIN.  
 PHONE: (909) 782-5504

CONTACT LIST

**CONSTRUCTION ADMINISTRATION:**

CITY OF RIVERSIDE  
 DEPARTMENT OF PUBLIC WORKS  
 CITY HALL, 3rd FLOOR  
 3900 MAIN STREET  
 RIVERSIDE, CALIFORNIA 92501  
 CONTACT: MICHAEL KATUSIAN  
 PHONE: (909) 782-5483

**ELECTRICAL ENGINEERING:**

WEST COAST DESIGN  
 ELECTRICAL AND LIGHTING ENGINEERS  
 26692 PASEO BRILLO, STE. 200  
 SAN JUAN CAPISTRANO, CA 92675  
 CONTACT: RUSSELL A. NEAL  
 PHONE: (714) 240-1378  
 CITY BUSINESS TAX CERTIFICATION NO.  
 EXP:

**LANDSCAPE ARCHITECT:**

COMMUNITY WORKS DESIGN GROUP  
 3750 UNIVERSITY AVE., SUITE 175  
 RIVERSIDE, CALIFORNIA 92501

CONTACT: TIM MALONEY  
 PHONE: (909) 369-0700

CITY BUSINESS TAX CERTIF. NO. 027168  
 EXP. 3-1-98

**PROJECT MANAGER AND AUTO  
DEALERSHIP ASSOCIATION  
REPRESENTATIVE:**

CANTY ENGINEERING GROUP, INC  
 3120 CHICAGO AVE., SUITE 180  
 RIVERSIDE, CA 92507

CONTACT: DOUG SHACKELTON  
 PHONE: (909) 683-5234

**CIVIL ENGINEER:**

CANTY ENGINEERING GROUP, INC  
 3120 CHICAGO AVE., SUITE 180  
 RIVERSIDE, CALIFORNIA 92507

CONTACT: DAVID DRAKE  
 PHONE: (909) 683-5234  
 CITY BUSINESS TAX CERTIF. NO. 69372  
 EXP. 04-07-98

SHEET INDEX

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"	2	CIVIL TITLE SHEET
"	3	CONSTRUCTION NOTES
"	4	TYPICAL STREET SECTION
"	5 TO 32	STREET IMPROVEMENTS
"	33 TO 38	CONSTRUCTION DETAILS
"	39 TO 42	DEALERSHIP CONSTRUCTION PLANS AND DETAILS
"	43	BID ADDITIVE PARKING AREA

REFERENCE PLANS (OTHER PROJECT DOCUMENTS)

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XL-399	1 TO 3	PAVEMENT DELINEATION AND SIGNAGE PLAN
L-1		TITLE SHEET- PLANTING LEGEND/NOTES
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L-19		PLANTING DETAILS
I-1		TITLE SHEET- IRRIGATION LEGEND/NOTES
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E-1 TO E-10		STREET LIGHTING AND SIGN LIGHTING PLANS
DL-1 TO DL-13		DEALERSHIP LIGHTING PLANS
H5-1 TO H5-2		HARDSCAPE PLANS

CITY OF RIVERSIDE PUBLIC UTILITIES DEPARTMENT-ELECTRIC OVERHEAD & UNDERGROUND APPROVED BY: <i>William F. Mainord</i> 10-29-97 DATE: 10-29-97	THE GAS COMPANY APPROVED BY: <i>H. Sanchez</i> 11-4-97 DATE: 11-4-97	PACIFIC BELL TELEPHONE APPROVED BY: <i>L. Blush</i> 10/29/97 DATE: 10/29/97	CHARTER COMMUNICATIONS APPROVED BY: <i>[Signature]</i> 10-29-97 DATE: 10-29-97	CITY OF RIVERSIDE PUBLIC UTILITIES DEPARTMENT-WATER APPROVED BY: <i>Rick Drobek</i> 11/12/97 DATE: 11/12/97	CITY OF RIVERSIDE FIRE DEPARTMENT *FIRE HYDRANT LOCATION ONLY APPROVAL BY: <i>[Signature]</i> 10/29/97 DATE: 10/29/97	CITY OF RIVERSIDE PLANNING DEPARTMENT ALL L, I, DS, DL, M & H5 PLANS HAVE BEEN REVIEWED AND APPROVED BY THE PLANNING DEPARTMENT APPROVED BY: <i>[Signature]</i> 9-15-98 DATE: 9-15-98	PARK & RECREATION DEPARTMENT ALL PLANS REVIEWED AND APPROVED BY THE PARK & RECREATION DEPARTMENT SUBJECT TO ALL INSTALLATION BY OTHERS AND ALL MAINTENANCE BY OTHERS APPROVED BY: <i>[Signature]</i> 11-6-97 DATE: 11-6-97
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Underground Service Alert Call: TOLL FREE 1-800-227-2600 TWO WORKING DAYS BEFORE YOU DIG	<b>PRIVATE ENGINEERING NOTE</b> CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND AND HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF DESIGN PROFESSIONAL.	PREPARED UNDER THE DIRECTION OF: <i>[Signature]</i> JOHN W. CANTY, PE REGISTERED CIVIL ENGINEER NO. 17550 EXPIRATION DATE: 6-30-01 DATE: 11/6/97	<b>CEG</b> CANTY ENGINEERING GROUP, INC. CIVIL ENGINEERING - PLANNING - SURVEYING 3120 CHICAGO AVENUE, SUITE 180, P.O. BOX 52050, RIVERSIDE, CA 92517 TEL (909) 683-5234 FAX (909) 683-5301	CITY OF RIVERSIDE, DEPARTMENT OF PUBLIC WORKS APPROVED BY: <i>[Signature]</i> BY DATE: 12-14-98 PRINCIPAL ENGR. R. M. [Signature] PARK DEPARTMENT: <i>[Signature]</i> 12/29/98 TRAFFIC DIVISION: <i>[Signature]</i> 12/29/98 CHIEF P. ENGR. [Signature]	IN THE CITY OF RIVERSIDE, COUNTY OF RIVERSIDE STATE OF CALIFORNIA PROJECT NO. R-3471 AUTO CENTER RENOVATION PLAN COVER SHEET SHEET 1 OF 43 FOR: RIVERSIDE AUTO CENTER ASSESSMENT DISTRICT FILE NO.: 1036-003
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INDEXED 12-26-98 LTH

J:\AUTOCAD\1961330\STREET15.S11.dwg Wed Oct 29 12:47:38 1997

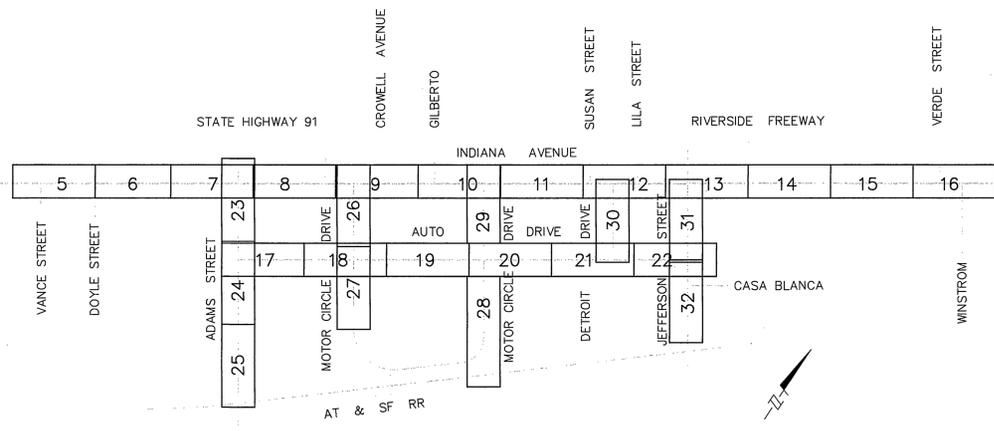
IN THE CITY OF RIVERSIDE  
**AUTO CENTER RENOVATION PLAN**  
**STREET IMPROVEMENT PLAN**  
 Indiana Avenue, Auto Drive, Adams Street, Motor Circle Drive,  
 Detroit Drive, and Jefferson Street

**GENERAL NOTES**

- 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 of Riverside Dept. of Public Works, Standard Drawings, and the Standard Specifications for Public Works Construction, Current Edition.
- Trim edge of existing pavement where new pavement joins to a smooth, straight line. Construct match-up paving as shown on plan and overlay paving as directed in the field to produce a smooth section.
- All flagged elevations shall be staked in the field.
- 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.
- Notice to contractor. The existence and location of any underground utility pipes or structures shown on these plans were obtained by a search of the 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 precautionary measures to protect the utility lines shown and any other lines not of record or not shown on these plans.
- 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 this requirement shall apply continuously and not be limited to normal working hours; and that the contractor shall defend, indemnify and hold the city and the engineer harmless from any and all liability, real or alleged, in connection with the performance of work on this project, excepting for the liability arising from the sole negligence of the City or engineer.
- 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.

~~Final striping for traffic control and/or pavement marking to be the responsibility of the Contractor.~~

- The contractor shall call in a location request to Underground Service Alert (USA), Phone No. 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.
- The contractor shall be responsible for preserving all survey monuments or recording survey monuments destroyed, disturbed or buried without the the knowledge and consent of the engineer.
- 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.
- Where underground main conductors or conduits such as water, gas, sewer, electric power, telephone, or cable television are shown on these drawings, Contractor shall assume that a service lateral from each utility facility extends to every parcel or property whether or not a service lateral is shown.
- Contractor is advised that rock or unacceptable trench backfill material may be encountered during trenching operations which includes removing the existing storm drain. Where such material is encountered, Contractor shall furnish and install suitable bedding and backfill material.
- Upon learning of the existence or location of any utility facility omitted from or shown incorrectly on these drawings, or improperly marked or otherwise indicated, Contractor shall immediately notify the Engineer, providing full details as to depth, location, size, and function.
- In pavement overlay areas, distressed exist. pavement shall be removed and replaced as directed by the inspector prior to overlaying with A.C. paving.
- The Contractor shall provide and maintain a minimum 4-foot-wide path for pedestrian traffic through the construction site. If a path through the construction site and within street right of way is not possible, the Contractor shall lay out and maintain a safe and direct pedestrian path around the construction site within the public right of way. The pedestrian path shall be approved by the Engineer.
- Notwithstanding the constraints and criteria established in Section 6.11 of the Special Revision,* The Contractor shall provide and maintain a minimum of two twelve-foot-wide lanes for two-way traffic on all streets at all times. In addition the Contractor shall maintain continuous access to all existing driveways (other than those being permanently removed) except as approved by the Engineer. The Contractor shall submit a traffic control plan to the Engineer for his review and approval prior to any lane or driveway closure.
- The Contractor shall provide and maintain dealership access at all times *CONTRACTOR TO COORDINATE WITH DEALERSHIP AND/OR OWNER OF ANY TEMPORARY DRIVEWAY CLOSURES OR OBSTRUCTIONS.*
- The Contractor shall give the City Water Division five (5) working days written notice prior to the start of construction and to allow the City ten (10) working days for completion of work. phone: (909) 351-6168



**INDEX MAP**

SCALE: 1" = 500'

**STREET LIGHT NOTES**

- ALL FACILITIES INSTALLED BY THE CONTRACTOR SHALL BE INSPECTED AND APPROVED BY THE DEPARTMENT CONSTRUCTION INSPECTOR (PH. 782-5429). ANY CHANGES SHALL BE APPROVED BY THE DEPARTMENT PRIOR TO EXECUTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL PHASES OF CONSTRUCTION WITH THE DEPARTMENT CONSTRUCTION INSPECTOR AND DEPARTMENT CONSTRUCTION SUPERINTENDENT (PH. 351-6173) AND INSPECTOR. THE DEVELOPER MAY BEGIN CONSTRUCTION FOR THESE FACILITIES ONLY AFTER A PRE-CONSTRUCTION MEETING IS HELD WITH THE DEPARTMENT STAFF. CONTACT THE INSPECTOR ARRANGE THIS MEETING.
- PROVIDE AND INSTALL ALL UG STREET LIGHT STRUCTURES CONDUITS, TRENCHING, BACKFILLING, RESURFACING & STREET LIGHT FACILITIES, INCLUDING STREET LIGHT CABLE, AS SHOWN IN CONFORMANCE WITH THE FOLLOWING STD. DWG.; UGS, 100, 100.1, 800, 800RC, 801 AND STREET LIGHT SPECIFICATION 2-6.
- INSTALL A WATERPROOF "IN-LINE" FUSE HOLDER ON THE PHASE LEG CONDUCTOR(S) IN THE BASE OF EACH STREET LIGHT STANDARD, FUSE HOLDER TO BE "BUSSMAN TRON" # HEB COMPATIBLE WITH SIZE AND TYPE OF WIRE, WITH A "BUSSMAN" FNM 10 AMP 250V FUSE OR APPROVED EQUAL.
- EXCAVATION FOR STREET LIGHT CONDUIT AND ELECTROLIER FOUNDATIONS MUST BE DONE AFTER INSTALLATION OF CURBS AND GUTTERS, BUT BEFORE INSTALLATION OF CURB RETURNS WITH SPANDRELS, CROSS GUTTERS, SIDEWALKS, AND DRIVE APRONS.
- ~~ACQUIRE A STREET OPENING PERMIT PRIOR TO EXCAVATING IN STREET RIGHT-OF-WAY.~~
- ALL STREET LIGHT FEED POINTS TO BE CONNECTED BY PUBLIC UTILITIES AND ENERGIZED WHEN CLEARED BY DEPARTMENT INSPECTOR.
- STREET LIGHT SERVICE POINTS ARE 2 WIRE SYSTEM (VOLTAGE TO BE DETERMINED). FEED POINTS TO BE CONFIRMED AT THE TIME OF CONSTRUCTION.
- DEPARTMENT CONSTRUCTION INSPECTOR MAY REQUIRE ALL PROPERTY LINES TO BE STAKED PRIOR TO EXCAVATION FOR STREET LIGHT FACILITIES.
- ALL CABLE TO BE AWG. #8 COPPER 600V AS SPECIFIED IN STREET LIGHT SPECIFICATION #2-6. (STREET LIGHT CABLE)
- PULL-BOXES SHALL BE (10"x17"x12") PER ITEM #P-1 OF UGS-800, INSTALL PER UGS-320
- CONTRACTOR SHALL USE 1" RIGID PLASTIC (DB) CONDUIT W/ 2-#8 CU 600V CABLES (UNLESS WHERE NOTED)
- ALL APPLICABLE SERVICE CHARGES TO BE PAID TO THE DEPARTMENT PRIOR TO INSTALLATION OF DEPARTMENT FACILITIES.

**TOPOGRAPHY**

EXISTING TOPOGRAPHY PER J.F. DAVIDSON ASSOCIATES, INC. FIELD SURVEY AND INLAND AERIAL SURVEY PERFORMED MARCH 1996.

**PARKS AND RECREATION NOTES**

- All related work shall conform to the City of Riverside, Park and Recreation Department Standards and City of Riverside Street Tree policies.
- A street tree Relocation/Removal permit as issued by the Park and Recreation Department is 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.
- When calling for inspections contact the Street Tree Inspector a minimum of 48 hours in advance at (909) 351-6126 to schedule an inspection. A Field Notice will be issued as written approval for each state of inspection. A verbal approval will not be acceptable. Inspections are required:
  - While digging plant pits and planting/relocating trees;
  - After planting and all other indicated or specified work has been completed, for start of maintenance;
- All Street Trees must be automatically irrigated, except where adjacent to single family or duplex uses.

Note: In the interest of public safety and maintenance the Street Tree Inspector shall have 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.

5. Street tree planting shall be as follows:

STREET NAME	BOTANICAL NAME/ COMMON NAME	SIZE	SPACING
A. Adams/Auto Center Drive	Washingtonia filifera California Fan Palm	13" Brown Trunk	Infill existing for 25' min/40' max O.C.
	Lagerstroemia indica Crape Myrtle Multi	24" Box	At entry drives
B. Auto Drive	Washingtonia filifera California Fan Palm	13" Brown Trunk	±30' O.C.
	Lagerstroemia indica Crape Myrtle	24" Box Multi	At entry drives
	Arecastrum romanzoffianum Queen Palm	36" Box	±15' at intersections
C. Motor Circle	Washingtonia filifera California Fan Palm	13" Brown Trunk	±30' O.C.
	Lagerstroemia indica Crape Myrtle	24" Box Multi	At entry drives
	Ginkgo biloba Maidenhair Tree	24" Box	±60' O.C.
	Pinus elderica Afghan Pine	15 Gal.	Random mass planting
D. Jefferson	Lagerstroemia indica Crape Myrtle Multi	24" Box	At entry drives
	Magnolia grandiflora Southern Magnolia	24" Box 50' O.C.	Infill between existing
E. Indiana	Washingtonia filifera California Fan Palm	13" Brown Trunk	±30' O.C.
	Arecastrum romanzoffianum Queen Palm	36" Box	±15' O.C. at intersections
	Ginkgo biloba Maidenhair Tree	24" Box	25' O.C.

**UNDERGROUND UTILITY NOTES**

- Prior to construction, the contractor shall pothole all utility crossings and connections and verify the location and elevation of all utilities affected. The engineer shall be notified of any discrepancies before construction begins.
- Locations of substructures as shown on plans are shown from the best available information. However, such locations as shown or failure to show existing substructures shall not relieve the contractors from the responsibility of verifying the location and protecting all substructures.

**LEGEND**

T.C.	Indicates top of curb elevation
F.L.	Indicates flow line elevation
	Indicates property line
(T.C. 53.78) (F.L. 53.28)	Indicates existing elevations
---(W)---	Indicates existing water line
---(S)---	Indicates existing sewer line
---(E)---	Indicates existing electric line
---(SD)---	Indicates existing storm drain
---(G)---	Indicates existing gas line
---(T)---	Indicates existing telephone
○	Construction notes (Proposed)
□	Remove/Relocate/Adjust construction notes (Existing)

**SHEET INDEX**

- PROJECT TITLE SHEET
- STREET IMPROVEMENT PLAN-TITLE SHEET
- CONSTRUCTION NOTES
- TYPICAL STREET SECTIONS
- THRU 6 - INDIANA STREET
- THRU 22 - AUTO DRIVE
- THRU 25 - ADAMS STREET
- THRU 29 - MOTOR CIRCLE DRIVE
- DETROIT DRIVE
- THRU 32 - JEFFERSON STREET
- DETAIL SHEET
- DISPLAY PEDESTAL DETAILS
- ROUNDABOUT DETAILS/ MISC. DETAILS
- DEALERSHIP GRADING DETAILS SHEET
- CONCRETE STEP DETAIL/ TYPICAL SECTIONS
- TYPICAL SECTIONS
- GRADING PLAN - INDIANA AVENUE/MOTOR CIRCLE EAST
- GRADING PLAN - INDIANA AVENUE/MOTOR CIRCLE WEST
- GRADING PLAN - INDIANA AVENUE/DETROIT DRIVE
- GRADING PLAN - INDIANA AVENUE/JEFFERSON STREET
- BID ADDITIVE/ PARKING AREA

Underground Service Alert  
 Call: TOLL FREE  
 1 - 800  
 227-2600  
 TWO WORKING DAYS BEFORE YOU DIG

**PRIVATE ENGINEERING NOTE**  
 CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO 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 BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND CONSTRUCTION CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD THE CITY OF RIVERSIDE, HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF DESIGN PROFESSIONAL.

REGISTERED PROFESSIONAL ENGINEER  
 JOHN W. CANTY, PE  
 No. 17550  
 Exp. 6-30-01  
 CIVIL  
 STATE OF CALIFORNIA

PREPARED UNDER THE DIRECTION OF:  
 JOHN W. CANTY, PE  
 REGISTERED CIVIL ENGINEER NO. 17550  
 EXPIRATION DATE: 6-30-01 DATE: 11/1/97  
 CITY OF RIVERSIDE  
 PUBLIC UTILITIES DEPARTMENT-WATER  
 APPROVED BY: Richard J. Dandak 11/1/97  
 VOID ONE YEAR FROM THIS DATE

**CEG** CANTY ENGINEERING GROUP, INC.  
 CIVIL ENGINEERING - PLANNING - SURVEYING  
 3120 CHICAGO AVENUE, SUITE 180, P.O. BOX 52050, RIVERSIDE, CA 92517  
 TEL (909) 683 - 5234 FAX (909) 683 - 5301  
 SCALE: AS SHOWN  
 BENCH MARK: RIV. CO. BM 601-21-68 CALTRANS BRASS DISK SET IN CONC. WELL LOCATED IN CENTERLINE OF MONROE STREET 40' NW OF INDIANA AVENUE.  
 ELEVATION: 810.933  
 DATE: JULY 1997

MARK REVISIONS APPR. DATE  
 DESIGNED BY: P.C. DRAWN BY: S.L.B. CHECKED BY: D.L.D./J.W.C.

CITY OF RIVERSIDE  
 DEPARTMENT OF PUBLIC WORKS  
 APPROVED BY: [Signature] DATE: 10-19-98  
 R. Mc Grath  
 DIRECTOR OF PUBLIC WORKS

IN THE CITY OF RIVERSIDE, COUNTY OF RIVERSIDE STATE OF CALIFORNIA  
**AUTO CENTER RENOVATION PLAN**  
 STREET IMPROVEMENTS  
**TITLE SHEET**  
 PROJECT NO. **R-3471**  
 SHEET **2** OF **43**  
 FOR: RIVERSIDE AUTO CENTER ASSESSMENT DISTRICT  
 FILE NO.: 1036-003

22 1/2 x 11 1/2  
 mm 4/16 x 1/4

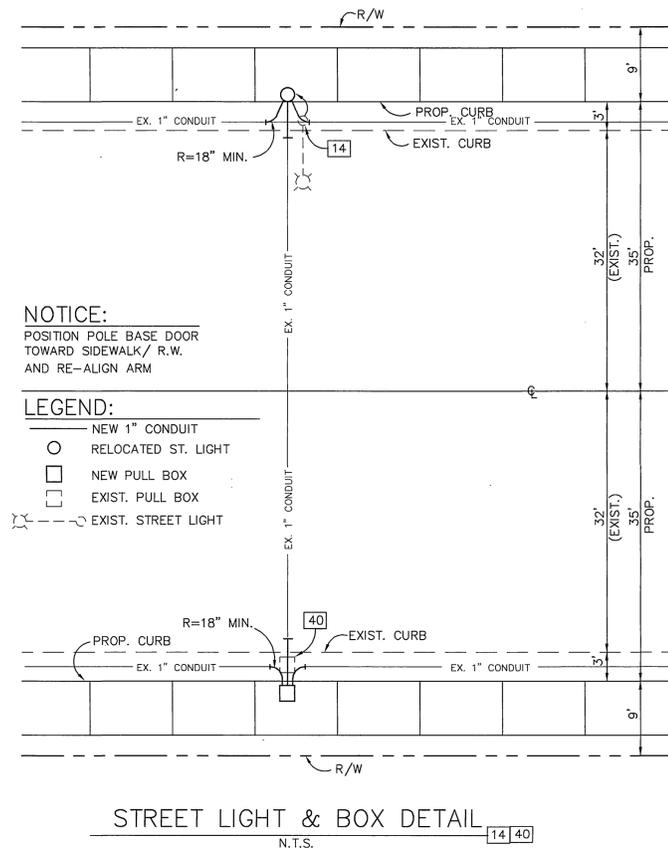
INDEXED 12-26-01 GHT

**STREET CONSTRUCTION NOTES:**

- 1 ADAMS STREET (TI = 9.5 R=53)  
PLACE 0.33' AC OVER 0.75' CRUSHED AGGREGATE BASE.  
IN NARROW AREAS 1.0' WIDE OR LESS USE AC=0.88' FULL DEPTH  
OVER COMPACTED NATIVE
- 2 INDIANA AVENUE (TI = 9.5 R=37)  
PLACE 0.33' AC OVER 1.20' CRUSHED AGGREGATE BASE.  
IN NARROW AREAS 1.0' WIDE OR LESS USE AC=0.88' FULL DEPTH  
OVER COMPACTED NATIVE
- 3 INDIANA AVENUE (TI = 9.5 R=43)  
PLACE 0.33' AC OVER 1.02' CRUSHED AGGREGATE BASE.  
IN NARROW AREAS 1.0' WIDE OR LESS USE AC=0.82' FULL DEPTH  
OVER COMPACTED NATIVE
- 4 JEFFERSON STREET (TI = 8.0 R=47)  
PLACE 0.26' AC OVER 0.78' CRUSHED AGGREGATE BASE.  
IN NARROW AREAS 1.0' WIDE OR LESS USE AC=0.62' FULL DEPTH  
OVER COMPACTED NATIVE
- 5 AUTO DRIVE (TI = 8.0 R=53)  
PLACE 0.26' AC OVER 0.62' CRUSHED AGGREGATE BASE.  
IN NARROW AREAS 1.0' WIDE OR LESS USE AC=0.55' FULL DEPTH  
OVER COMPACTED NATIVE
- 6 AUTO DRIVE (TI = 8.0 R=47)  
PLACE 0.26' AC OVER 0.78' CRUSHED AGGREGATE BASE.  
IN NARROW AREAS 1.0' WIDE OR LESS USE AC=0.62' FULL DEPTH  
OVER COMPACTED NATIVE
- 7 MOTOR CIRCLE (TI = 8.0 R=53)  
PLACE 0.26' AC OVER 0.62' CRUSHED AGGREGATE BASE.  
IN NARROW AREAS 1.0' WIDE OR LESS USE AC=0.55' FULL DEPTH  
OVER COMPACTED NATIVE
- 8 DETROIT DRIVE (TI = 8.0 R=47)  
PLACE 0.26' AC OVER 0.78' CRUSHED AGGREGATE BASE.  
IN NARROW AREAS 1.0' WIDE OR LESS USE AC=0.62' FULL DEPTH  
OVER COMPACTED NATIVE
- 9 PLACE 0.25' AC OVER 0.33' CRUSHED AGGREGATE BASE.  
IN NARROW AREAS (1.0' WIDE OR LESS) USE AC=0.40' FULL DEPTH  
(ASSUME TI=5, R=35) OVER COMPACTED NATIVE.  
~~OVER COMPACTED NATIVE~~
- 10 CONSTRUCT 6" CURB AND GUTTER PER CITY OF RIVERSIDE STD. NO. 200  
(TYPE I).
- 11 CONSTRUCT 6" MEDIAN CURB AND GUTTER PER DETAIL ON SHT. 35.
- 12 CONSTRUCT 8" CURB AND GUTTER, TYPE I PER CITY STD. NO. 200.
- 13 CONSTRUCT 6" MODIFIED CURB ONLY PER CITY OF RIVERSIDE STD. NO. 200  
(TYPE II).
- 14 CONSTRUCT 4 1/2" MODIFIED CURB ONLY AGAINST EXISTING C & G PER CITY OF  
RIVERSIDE STD. NO. 200 (TYPE II) AND DETAIL ON SHT. NO. 33.
- 15 CONSTRUCT 6" CURB THRU PLANTER DRAINAGE SWALE PER DETAIL ON SHT. NO. 33 (W=2')
- 16 CONSTRUCT 6" MOW CURB PER DETAIL ON SHT. NO. 33.
- 17 CONSTRUCT 12" MODIFIED CURB AND GUTTER PER CITY OF RIVERSIDE STD.  
NO. 200 (TYPE I), SEE SHT. 35 FOR DETAIL.
- 19 CONSTRUCT 12" MODIFIED CURB ONLY PER CITY OF RIVERSIDE STD. NO. 200  
(TYPE II), SEE SHT. 35 FOR DETAIL.
- 20 3' TAPERED CURB END TO 0" C.F. (AT CURB RETURNS SEE PROFILES FOR CURB TAPER LOCATIONS)
- 21 CONSTRUCT CONCRETE WALK STRIP PER DETAIL ON SHT. NO. 33.
- 22 INSTALL 14" X 4" CAST IRON RECT. PIPE PER DETAIL ON SHT. 33.
- 23 CONSTRUCT CONCRETE X-GUTTER PER CITY OF RIVERSIDE STD. NO. 220  
("W" AS NOTED ON PLAN).
- 24 CONSTRUCT CONCRETE SIDEWALK PER CITY OF RIVERSIDE STD. 325  
WIDTH = 6.5' UNLESS OTHERWISE NOTED.
- 25 CONSTRUCT ENHANCED CONCRETE PAVING SIDEWALK PER DETAIL ON SHT. NO. 33.
- 26 CONST. CURB RAMP DETAILS NO. 1 CASE C PER STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION  
STD. PLAN *N.S.P.* A88.
- 27 CONSTRUCT WHEELCHAIR RAMP PER CITY OF RIVERSIDE STD. NO. 304.
- 28 CONSTRUCT MODIFIED HANDICAP RAMP PER DETAIL ON SHT. NO. 33.
- 29 CONSTRUCT MODIFIED DRIVEWAY APPROACH PER CITY STD. NO. 302  
("A" DIMENSION AS INDICATED PER PLAN, B=A+12' UNLESS OTHERWISE NOTED)
- 30 CONSTRUCT DISPLAY PEDESTAL PER DETAIL ON SHT. NO. 34.
- 31 CONSTRUCT ROUNDABOUT PEDESTAL PER DETAIL ON SHT. NO. 35.
- 32 CONSTRUCT 2' WIDE PCC X-GUTTER PER DETAIL ON SHEET 39.
- 33 CONSTRUCT CONCRETE STEPS PER DETAIL ON SHEET NO. 37.
- 34 CONSTRUCT 1.5' TO 4' RETAINING WALL 6' FREE STANDING MASONRY BLOCK  
WALL PER WALL DETAIL ON SHEET 35.
- 35 CONSTRUCT 6' FREE STANDING MASONRY BLOCK WALL PER WALL DETAIL ON SHEET  
35. (UP TO 15' RETAINING)
- 36 INSTALL 12" X 12" CONCRETE CATCH BASIN WITH GALVANIZED FRAME AND TRAFFIC  
RATED GRATE, BROOKS PRODUCTS NO. 1212 OR EQUIV. (V=18")  
INCLUDE CITY APPROVED FILTRATION SYSTEMS OR DEVICES (FOSSIL FILTER OR APPROVED EQUIVALENT)
- 37 INSTALL 24" X 24" CONCRETE CATCH BASIN WITH GALVANIZED FRAME AND TRAFFIC  
RATED GRATE, BROOKS PRODUCTS NO. 2424 OR EQUIV. (V=30")  
INCLUDE CITY APPROVED FILTRATION SYSTEMS OR DEVICES (FOSSIL FILTER OR APPROVED EQUIVALENT)
- 38 INSTALL 36" X 36" CONCRETE CATCH BASIN WITH GALVANIZED FRAME AND TRAFFIC  
RATED GRATE, BROOKS PRODUCTS NO. 3636 L48 OR EQUIV. (V=48", UNLESS OTHERWISE NOTED)  
INCLUDE CITY APPROVED FILTRATION SYSTEMS OR DEVICES (FOSSIL FILTER OR APPROVED EQUIVALENT)
- 39 INSTALL 6" PLASTIC STORM DRAIN PIPE ADS N-12 OR CITY APPROVED EQUIVALENT.
- 40 INSTALL 8" PLASTIC STORM DRAIN PIPE ADS N-12 OR CITY APPROVED EQUIVALENT.

**STREET CONSTRUCTION NOTES CONT.**

- 41 INSTALL 12" PLASTIC STORM DRAIN PIPE ADS N-12 OR CITY APPROVED EQUIVALENT.
- 42 CONSTRUCT JUNCTION STRUCTURE NO. 4 PER CITY OF RIVERSIDE STD. NO. 423  
(A=90')
- 43 EXCAVATE & BACK FILL WITH 12" OF CLASS A TOPSOIL.
- 44 SAWCUT EXISTING A.C. PAVEMENT
- 45 CONSTRUCT 6" P.C.C. PAVEMENT.
- 46 ADD 1-1/2" MASONRY CAP TO MATCH
- 47 CONSTRUCT 6" REDWOOD FENCE. (SEE DETAIL BELOW)
- 49 INSTALL NEW STREET LIGHT
- 50 CONSTRUCT 4" P.C.C. PAVEMENT.
- 51 CONSTRUCT BULLNOSE BORDER TO MATCH EXISTING STRUCTURE.
- 52 CONSTRUCT 8" PCC PAVEMENT
- 54 CONSTRUCT UNDER SIDEWALK DRAIN PER CITY STD. 411.
- 55 CONSTRUCT 6" CURB THRU PLANTER DRAINAGE SWALE PER DETAIL ON SHT. NO. 33 (W=3')
- 56 CONSTRUCT DRIVEWAY APPROACH PER CITY STD. NO. 302  
(A & B AS NOTED ON PLAN)
- 57 PLACE 0.10' AC CAP
- 58 COLD MILL EXIST. PAVEMENT (5' WIDE MIN. STRIP)
- 59 PLACE EMULSION-AGGREGATE (SLURRY SEAL)
- 61 PAINT EX. BOLLARDS WHITE
- 62 INSTALL COLLAPSIBLE DRIVEWAY BOLLARD OR EQUIVALENT (48" O.C. AS NOTED PER PLAN)  
SEE DETAIL SHEET NO. 35.
- 63 CONSTRUCT 1' TO 3' RETAINING WALL PER CITY OF RIVERSIDE BUILDING & SAFETY STD.  
RETAINING WALL-6" TOE DETAIL
- 64 FULL BOXES SHALL BE (10" X 17" X 12") PER ITEM # P-1 OF UGS-200. INSTALL  
PER UGS-320.
- 65 CONTRACTOR SHALL USE 1" RIGID PLASTIC (DB) CONDUIT W/ 2-#8 CU 600V CABLES  
(UNLESS WHERE NOTED).



**NOTICE:**

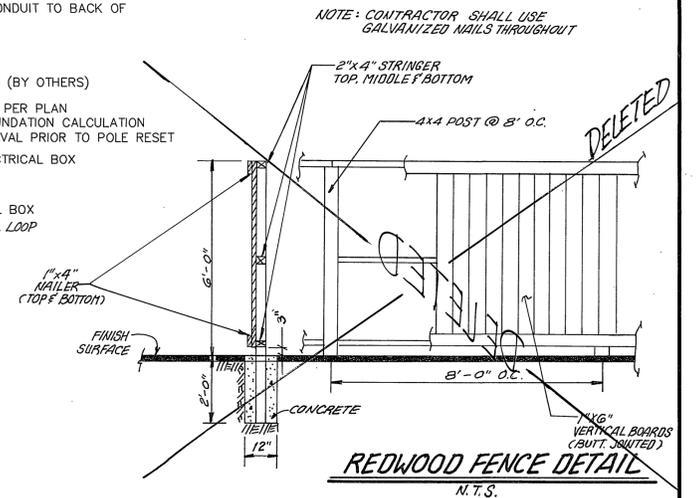
POSITION POLE BASE DOOR  
TOWARD SIDEWALK/ R.W.  
AND RE-ALIGN ARM

**LEGEND:**

- NEW 1" CONDUIT
- RELOCATED ST. LIGHT
- NEW PULL BOX
- EXIST. PULL BOX
- ⊗ EXIST. STREET LIGHT

**STREET REMOVAL, RELOCATION AND ADJUSTMENT NOTES:**

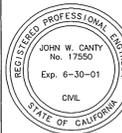
- 1 SAWCUT & REMOVE EXISTING BACK OF SIDEWALK, WIDTH AS SHOWN.
- 2 SAWCUT & REMOVE EXISTING A.C. PAVEMENT.
- 3 SAWCUT & REMOVE EXISTING CONCRETE.
- 4 SAWCUT & REMOVE EXISTING CURB'S & GUTTER'S
- 5 SAWCUT & REMOVE EXISTING SIDEWALK.
- 6 REMOVE EXISTING BOLLARDS.
- 7 REMOVE AND SALVAGE EXISTING TRAFFIC SIGN (REF: PAVEMENT DELINEATION AND STRIPING PLAN XL-399)
- 8 EXISTING DEALERSHIP SIGNS (DISPOSITION PER DS-1 TO DS-5)
- 9 REMOVE EXISTING ON-SITE DEALERSHIP PARKING LOT LIGHT.
- 10 REMOVE EXISTING CATCH BASIN. (REF: STORM DRAIN PLANS D-650)
- 11 REMOVE EXISTING DRIVEWAY APPROACH WIDTH AS SPECIFIED.
- 12 ADJUST EXISTING MANHOLE TO GRADE
- 13 RELOCATE EXISTING FIRE HYDRANT. (BY OTHERS)
- 14 RELOCATE AND/OR ADJUST TO GRADE EXIST. STREET LIGHT AS NOTED  
PER PLAN (SEE DETAIL HEREON)
- 15 RELOCATE EXISTING ON-SITE DEALERSHIP PARKING LOT LIGHT (AS NOTED ON  
PLAN).
- 16 RELOCATE EXISTING ON-SITE DEALERSHIP PARKING LOT LIGHTS PER  
DEALERSHIP ON-SITE ELECTRICAL LIGHTING PLANS REF. SHT. DL-1 TO DL-12.
- 17 ADJUST TO GRADE EXISTING ON-SITE DEALERSHIP PARKING LOT LIGHT.
- 18 REMOVE EXISTING TUBULAR GATE.
- 19 REMOVE EXISTING CHAIN LINK GATE
- 20 REMOVE EXISTING CHAIN LINK FENCE
- 21 REMOVE EXISTING LANDSCAPE AND IRRIGATION IMPROVEMENTS
- 22 REMOVE EXISTING WALL - 10' HIGH (4' RETAINING/6' FREE STANDING).
- 23 N/A.
- 24 REMOVE EXISTING WALL - 6' HIGH FREE STANDING.
- 25 REMOVE EXISTING WALL - 8' HIGH FREE STANDING.
- 26 REMOVE EXISTING PLANTER WALL - 1.5' HIGH/FREE STANDING.
- 27 REMOVE EXISTING WALL - 2.0' RETAINING.
- 28 REMOVE EXISTING WALL - 3.0' RETAINING.
- 29 REMOVE EXISTING TREES (SIZE PER PLAN)
- 30 EXISTING TREE TO BE RELOCATED PER ARCHITECTURAL  
LANDSCAPE PLANS. REF: LP-1 THRD LP-19.
- 31 RELOCATE EXISTING WATER METER. (BY OTHERS)
- 32 RELOCATE EXISTING WATER VAULT/PIV/FDC ASSEMBLY
- 33 REMOVE AND RE-ROUTE EXISTING 3" TO 4" THROUGH CURB  
DRAINAGE PIPE AS NOTED ON PLAN
- 34 REMOVE (SALVAGE) AND RESET EXISTING PAVERS
- 35 REMOVE 1 TO 3 COURSES OF EXISTING MASONRY BLOCK  
WALL. (PER PLAN)
- 36 EXISTING POWER POLE TO BE REMOVED AND CABLE TO BE UNDERGROUND (BY OTHERS)
- 37 RELOCATE EXISTING RTA BUS SIGN.
- 38 RELOCATE EXISTING 1 1/2" AIR VACUM RELEASE VALVE (BY OTHERS)
- 39 RELOCATE EXIST. TELEPHONE RISER (BY PACIFIC BELL)
- 40 RELOCATE STREET LIGHT PULL BOX AND CONDUIT TO BACK OF  
NEW CURB (SEE DETAIL HEREON)
- 41 ADJUST EXISTING WATER VALVES TO GRADE
- 42 EXISTING TELEPHONE POLE TO BE REMOVED (BY OTHERS)
- 43 RELOCATE EXIST. FLAG POLE AS INDICATES PER PLAN  
CONTRACTOR TO PROVIDE STRUCTURAL FOUNDATION CALCULATION  
TO CITY BUILDING DEPARTMENT FOR APPROVAL PRIOR TO POLE RESET
- 44 ADJUST TO GRADE EXIST. DEALERSHIP ELECTRICAL BOX
- 45 ADJUST TO GRADE EXIST. FIRE ALARM BOX
- 47 REMOVE & REPLACE EXIST. TRAFFIC SIGNAL BOX
- 48 REMOVE & REPLACE EXIST. TRAFFIC SIGNAL LOOP  
WIRE



Underground Service Alert  
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**PRIVATE ENGINEERING NOTE**

CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH  
GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION  
CONTRACTOR SHALL BE REQUIRED TO ASSUME FULL AND COMPLETE  
RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF  
CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS  
AND PROPERTY, THAT THIS REQUIREMENT SHALL BE MADE TO APPLY  
CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND  
CONSTRUCTION CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY  
AND HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL  
LIABILITIES OR ALLEGED, IN CONNECTION WITH THE  
PERFORMANCE OF WORK ON THIS PROJECT, EXCEPT LIABILITY  
ARISING FROM THE SOLE NEGLIGENCE OF DESIGN PROFESSIONAL.



PREPARED UNDER THE DIRECTION OF  
*John W. Canty*  
JOHN W. CANTY, PE  
REGISTERED CIVIL ENGINEER NO. 17550  
EXPIRATION DATE: 6-30-01 DATE: 11/2/97  
CITY OF RIVERSIDE  
PUBLIC UTILITIES DEPARTMENT-WATER  
*Richard D. Duda* 11/2/97  
APPROVED BY DATE

**CEG** CANTY ENGINEERING GROUP, INC.  
CIVIL ENGINEERING - PLANNING - SURVEYING  
3120 CHICAGO AVENUE, SUITE 180, P.O. BOX 52050, RIVERSIDE, CA 92517  
TEL (909) 683 - 5234 FAX (909) 683 - 5301

SCALE: AS SHOWN  
DATE: JULY 1997  
BENCH MARK: RIV. CO. BM 601-21-68 CALTRANS BRASS DISK SET IN  
CONC. WELL LOCATED IN CENTERLINE OF MONROE STREET 40' NW OF  
INDIANA AVENUE. ELEVATION: 810.933

DESIGNED BY P.C. DRAWN BY S.L.B. CHECKED BY D.L.D./J.W.C.

CITY OF RIVERSIDE  
DEPARTMENT OF PUBLIC WORKS

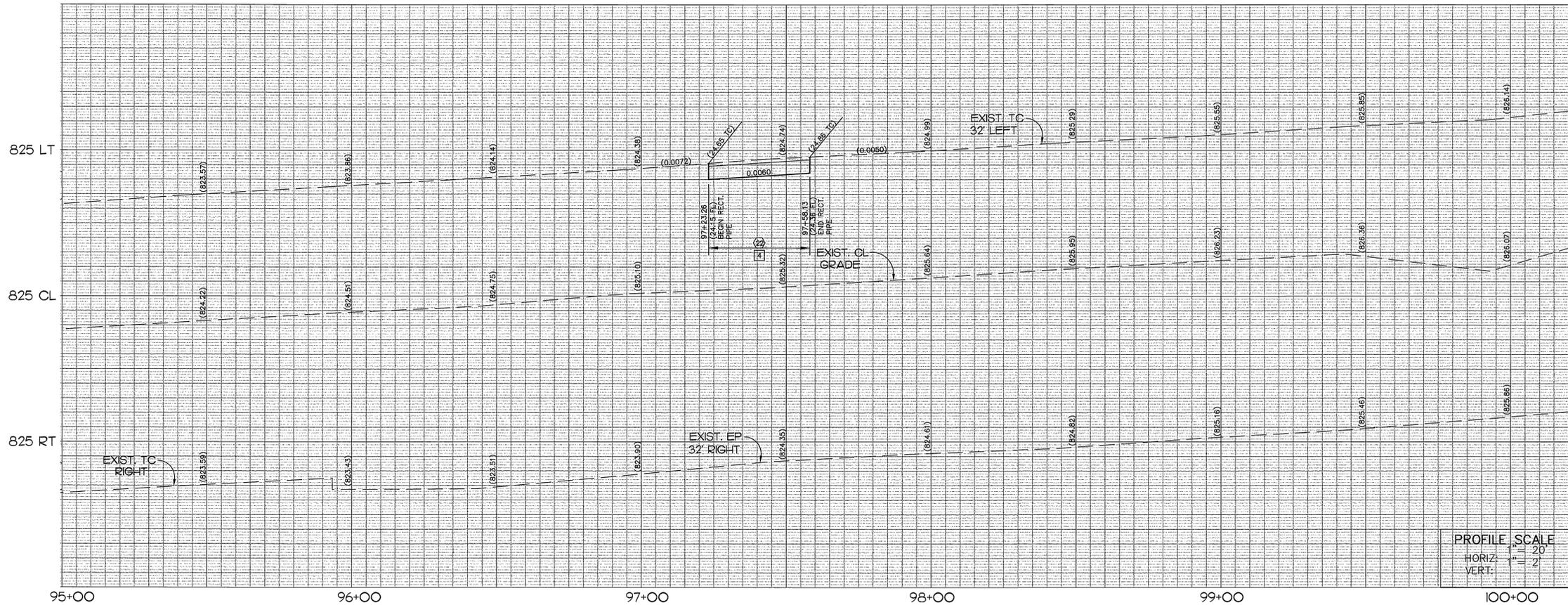
APPROVED BY: *R. Mc. Bratt*  
PRINCIPAL ENGR. DATE: 10/19/98  
TRAFFIC DIVISION: *8* 11/2/99  
CHIEF P. WENGR.

APPROVED BY: *R. Mc. Bratt*  
DIRECTOR OF PUBLIC WORKS  
DATE: 10-19-98

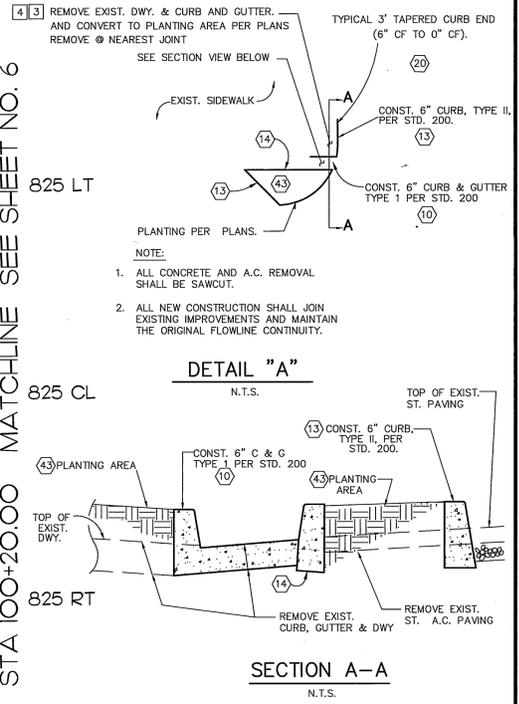
IN THE CITY OF RIVERSIDE, COUNTY OF RIVERSIDE  
STATE OF CALIFORNIA  
AUTO CENTER RENOVATION PLAN  
STREET IMPROVEMENTS  
CONSTRUCTION NOTES

PROJECT NO.  
R-3471  
SHEET 3 OF 43  
FOR: RIVERSIDE AUTO CENTER ASSESSMENT DISTRICT  
FILE NO.: 1036-003





STA 100+20.00 MATCHLINE SEE SHEET NO. 6



- NOTE:
1. ALL CONCRETE AND A.C. REMOVAL SHALL BE SAWCUT.
  2. ALL NEW CONSTRUCTION SHALL JOIN EXISTING IMPROVEMENTS AND MAINTAIN THE ORIGINAL FLOWLINE CONTINUITY.

LINE	DIRECTION	DISTANCE
L1	N34°00'13\"/>	

CURVE	DELTA	RADIUS	LENGTH	TANGENT
C1	96°07'04\"/>			

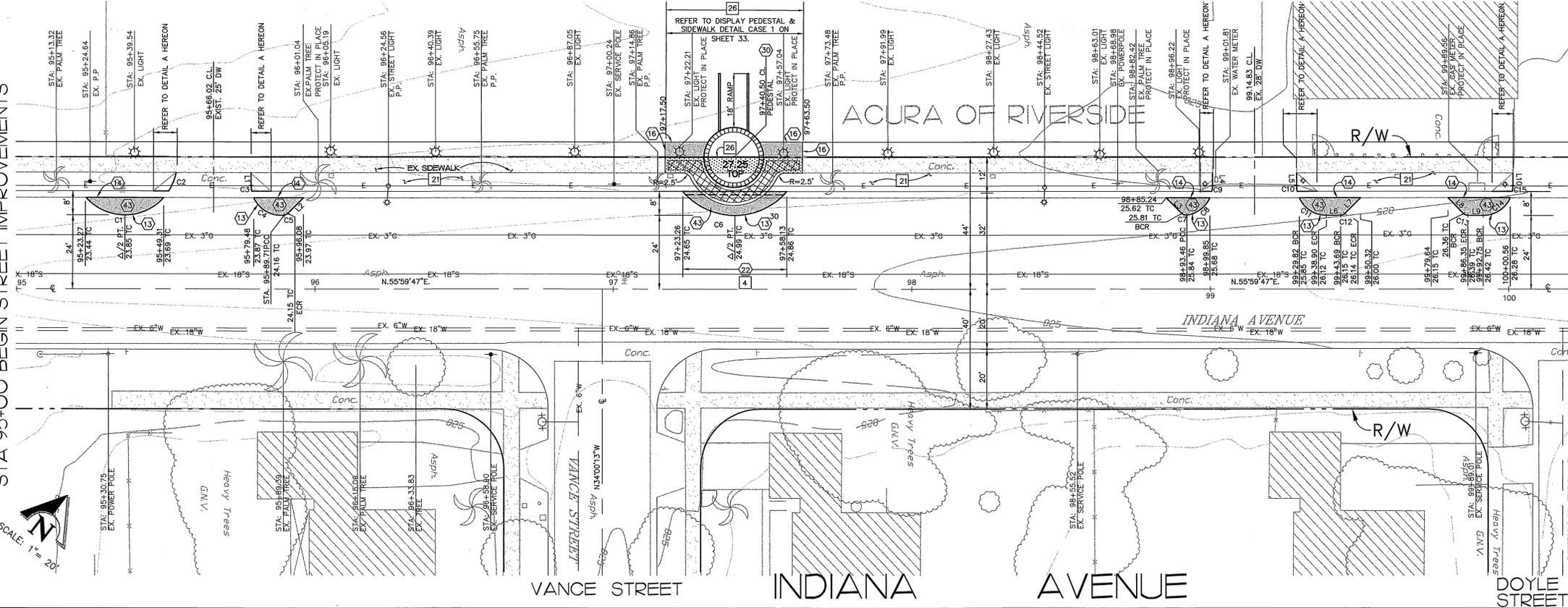
NOTE:  
SEE SHEET NO. 3 FOR CONSTRUCTION NOTES

**CONSTRUCTION LEGEND**

- INDICATES NEW PLANTING AREA (2) (4) (3)
- INDICATES NEW A.C. PAVING (2)
- INDICATES CONC. AND SIDEWALK REMOVAL (5)
- INDICATES ENHANCED CONCRETE PAVING (25)

STA 95+00 BEGIN STREET IMPROVEMENTS

STA 100+20.00 MATCHLINE SEE SHEET NO. 6



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227-2600  
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**PRIVATE ENGINEERING NOTE**

CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES... (text continues)

PREPARED UNDER THE DIRECTION OF:  
*John W. Canty*  
JOHN W. CANTY, PE  
REGISTERED CIVIL ENGINEER NO. 17550  
EXPIRATION DATE: 6-30-00 DATE: 1/16/97  
CITY OF RIVERSIDE  
PUBLIC UTILITIES DEPARTMENT-WATER  
APPROVED BY: *Richard D. Deibel* 11/13/97  
VOID ONE YEAR FROM THIS DATE

**CEG** CANTY ENGINEERING GROUP, INC.  
CIVIL ENGINEERING - PLANNING - SURVEYING  
3120 CHICAGO AVENUE, SUITE 180, P.O. BOX 52050, RIVERSIDE, CA 92517  
TEL (909) 693 - 5234 FAX (909) 693 - 5301

SCALE: 1"=20'  
DATE: JULY 1997  
BENCH MARK: RIV. CO. BM 601-21-68, CALTRANS BRASS DISK SET IN CONC. WELL LOCATED IN CENTERLINE OF MONROE STREET 40' NW OF INDIANA AVENUE ELEVATION: 810.933

MARK	REVISIONS	APPR.	DATE

DESIGNED BY: P.C. DRAWN BY: S.L.B. CHECKED BY: D.L.D./U.W.C.

**CITY OF RIVERSIDE**  
DEPARTMENT OF PUBLIC WORKS

APPROVED BY: *R. McSwath*  
RICHARD M. MCSWATH  
DIRECTOR OF PUBLIC WORKS  
DATE: 10-19-98

IN THE CITY OF RIVERSIDE, COUNTY OF RIVERSIDE  
STATE OF CALIFORNIA

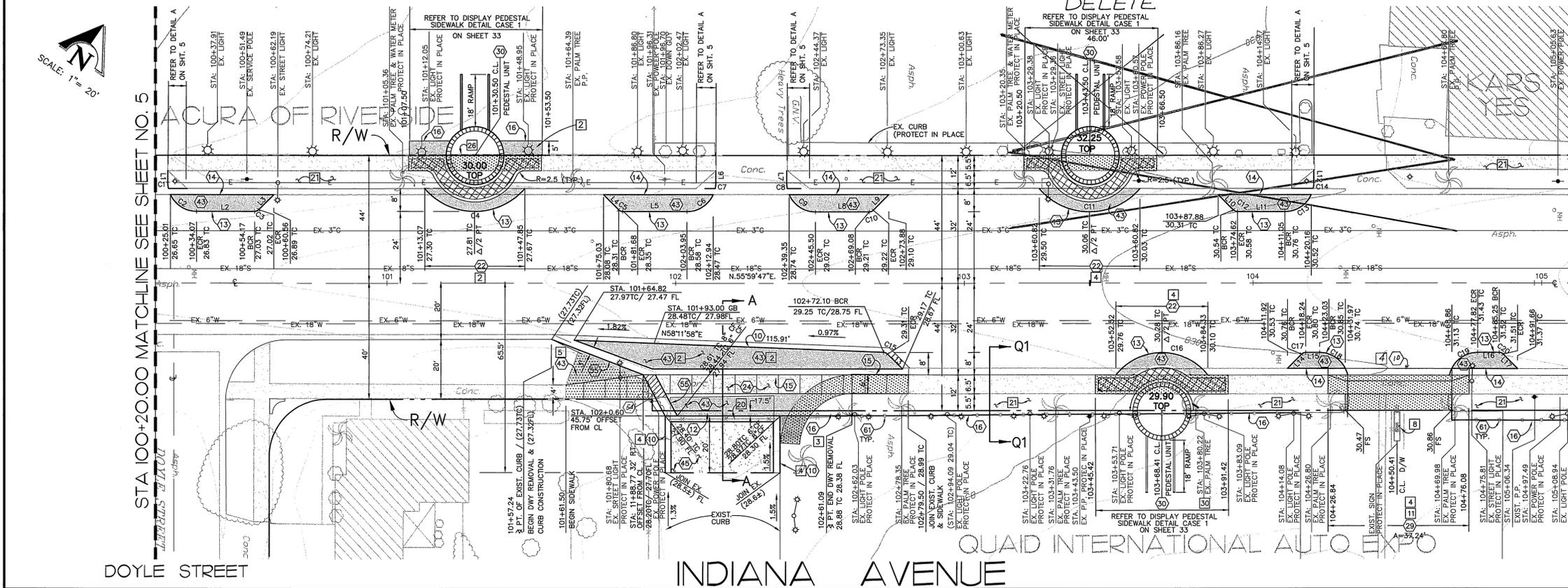
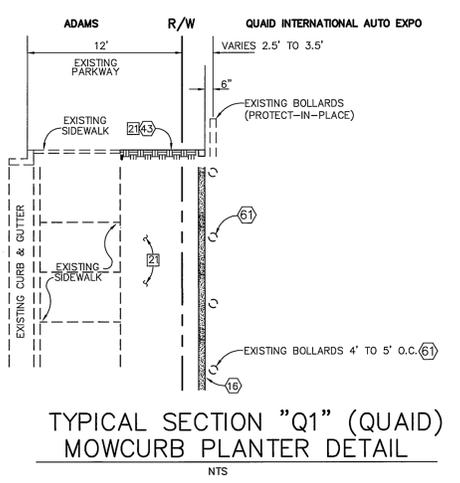
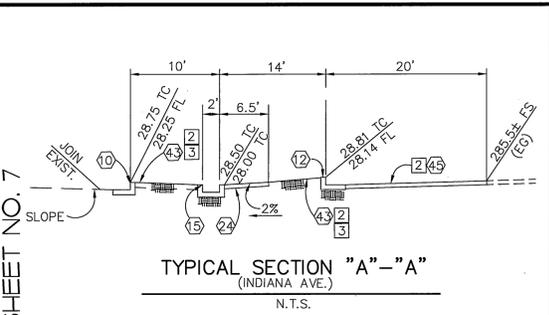
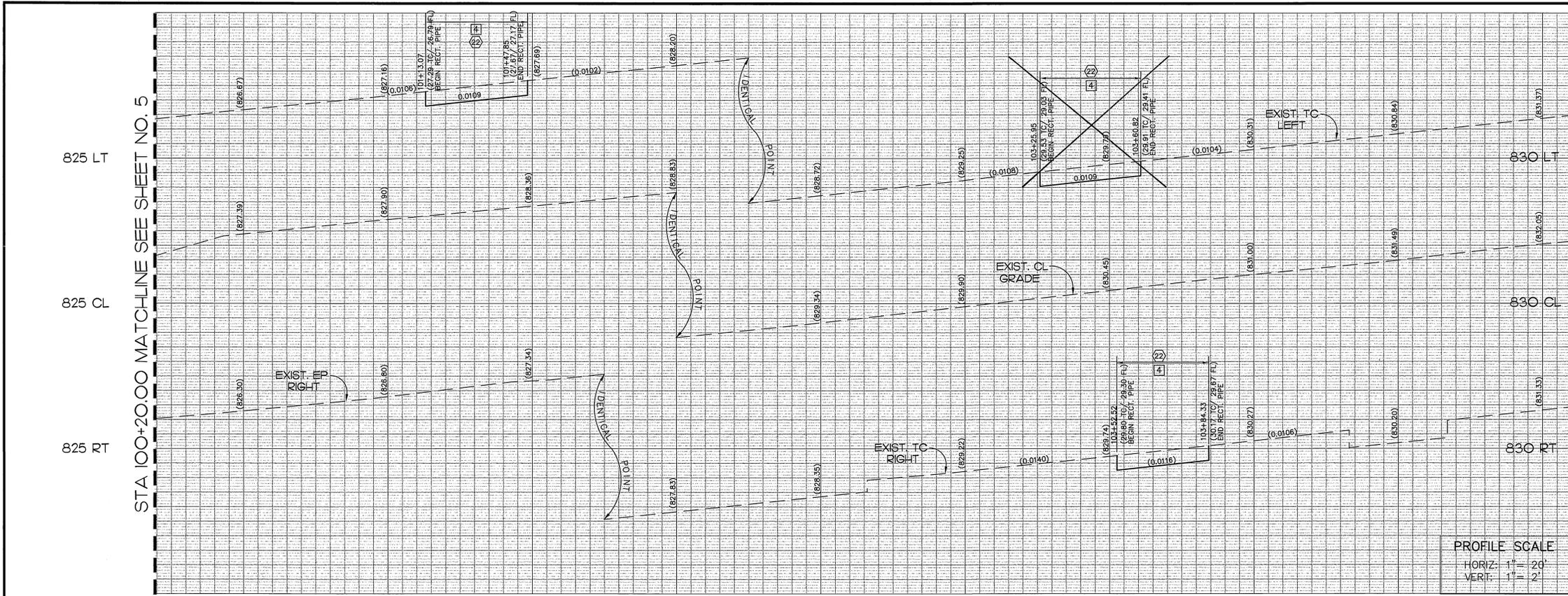
PROJECT NO. R-3471

AUTO CENTER RENOVATION PLAN  
STREET IMPROVEMENT PLAN  
INDIANA AVENUE  
STA. 95+00± TO STA. 100+20.00

SHEET 5 OF 43

FOR: RIVERSIDE AUTO CENTER ASSESSMENT DISTRICT FILE NO.: 1036-003

INDEXED 12-26-01 4H



LINE	DIRECTION	DISTANCE
L1	N34°12'28" W	4.05'
L2	N55°59'47" E	20.10'
L3	N10°59'47" E	7.34'
L4	N79°00'13" W	7.40'
L5	N55°59'47" E	22.27'
L6	N34°00'13" W	4.06'
L7	N34°00'13" W	4.19'
L8	N55°59'47" E	18.59'
L9	N10°59'47" E	7.82'
L10	N79°00'13" W	7.47'
L11	N55°59'47" E	16.43'
L12	N34°00'13" W	4.37'
L13	N79°00'13" W	7.32'
L14	N10°59'47" E	6.94'
L15	N55°59'47" E	4.79'
L16	N55°59'47" E	7.43'
L17	N79°00'13" W	7.08'

CURVE	DELTA	RADIUS	LENGTH	TANGENT
C1	12°11'42"	10.00'	2.13'	1.07'
C2	64°56'27"	10.00'	11.33'	6.36'
C3	45°00'00"	2.00'	1.57'	0.83'
C4	98°15'13"	23.00'	39.44'	26.58'
C5	45°00'00"	2.00'	1.57'	0.83'
C6	65°21'14"	10.00'	11.41'	6.41'
C7	12°04'09"	10.00'	2.11'	1.06'
C8	11°19'40"	10.00'	1.98'	0.99'
C9	66°10'46"	10.00'	11.55'	6.52'
C10	45°00'00"	2.00'	1.57'	0.83'
C11	98°58'14"	23.00'	39.60'	28.76'
C12	45°00'00"	2.00'	1.57'	0.83'
C13	65°29'39"	10.00'	11.43'	6.43'
C14	11°32'13"	10.00'	2.01'	1.01'
C15	42°47'48"	2.00'	1.49'	0.78'
C16	103°52'31"	20.20'	36.62'	25.80'
C17	45°00'00"	2.00'	1.57'	0.83'
C18	63°21'34"	10.00'	11.06'	6.17'
C19	63°38'57"	10.00'	11.11'	6.21'
C20	45°00'00"	2.00'	1.57'	0.83'

**NOTE:**  
SEE SHEET NO. 3 FOR CONSTRUCTION NOTES

**CONSTRUCTION LEGEND**

- INDICATES NEW PLANTING AREAS [2] [4]
- INDICATES NEW A.C. PAVING [5] [2] [9]
- INDICATES CONC. AND SIDEWALK REMOVAL [3] [5] [11]
- INDICATES ENHANCED CONCRETE PAVING [25]
- INDICATES NEW SIDEWALK [24]

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1-800-227-2600  
TWO WORKING DAYS BEFORE YOU DIG

**PRIVATE ENGINEERING NOTE**  
CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR THE CONSTRUCTION OF THE PROJECT AND TO HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF DESIGN PROFESSIONAL.

REGISTERED PROFESSIONAL ENGINEER  
JOHN W. CANTY  
CANTY  
R.C.E. No. 17550  
Exp. 6-30-01  
CIVIL  
STATE OF CALIFORNIA

PREPARED UNDER THE DIRECTION OF:  
JOHN W. CANTY, PE  
REGISTERED CIVIL ENGINEER NO. 17550  
EXPIRATION DATE: 6-30-01 DATE: 11/12/97  
CITY OF RIVERSIDE  
PUBLIC UTILITIES DEPARTMENT-WATER  
APPROVED BY: Richard J. Drosch 11/12/97  
VOID ONE YEAR FROM THIS DATE

**CEG** CANTY ENGINEERING GROUP, INC.  
CIVIL ENGINEERING - PLANNING - SURVEYING  
3120 CHICAGO AVENUE, SUITE 180, P.O. BOX 52050, RIVERSIDE, CA 92517  
TEL (909) 683-5234 FAX (909) 683-5301  
SCALE: 1"=20'  
BENCH MARK: RIV. CO. BM 601-21-68, CALTRANS BRASS DISK SET IN CONC. WELL LOCATED IN CENTERLINE OF MONROE STREET 40' NW OF INDIANA AVENUE ELEVATION: 810.933  
DATE: JULY 1997

CITY OF RIVERSIDE  
DEPARTMENT OF PUBLIC WORKS  
APPROVED BY: [Signature]  
PRINCIPAL ENGR. [Signature]  
PARK DEPARTMENT [Signature]  
TRAFFIC DIVISION [Signature]  
CHIEF P.W. ENGR. [Signature]  
DATE: 10-19-98

IN THE CITY OF RIVERSIDE, COUNTY OF RIVERSIDE  
STATE OF CALIFORNIA  
**AUTO CENTER RENOVATION PLAN**  
STREET IMPROVEMENT PLAN  
**INDIANA AVENUE**  
STA. 100+20.00 TO STA. 105+10  
SHEET 6 OF 43  
FOR: RIVERSIDE AUTO CENTER ASSESSMENT DISTRICT  
FILE NO.: 10.36-003

PROJECT NO. R-3471  
DATE: 10-19-98  
INDEXED 12-26-01 JH

830 LT

830 CL

830 RT

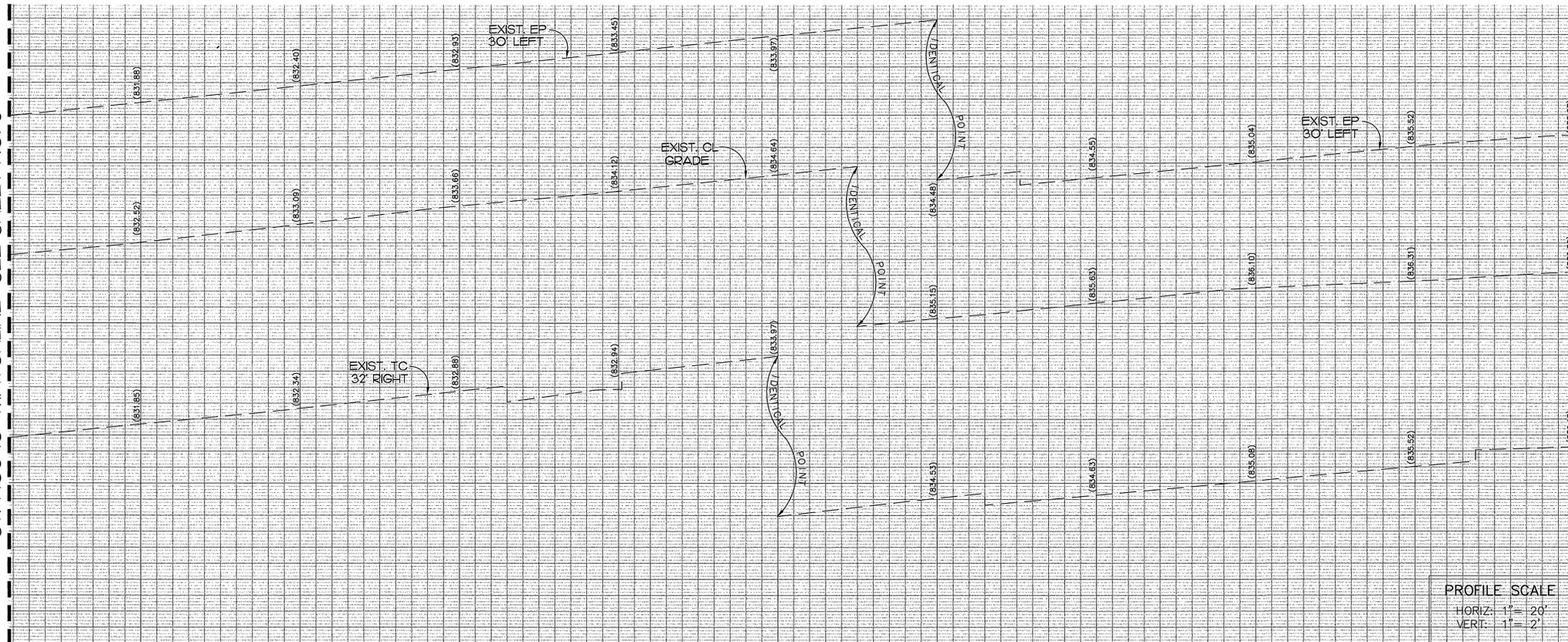
835 LT

835 CL

835 RT

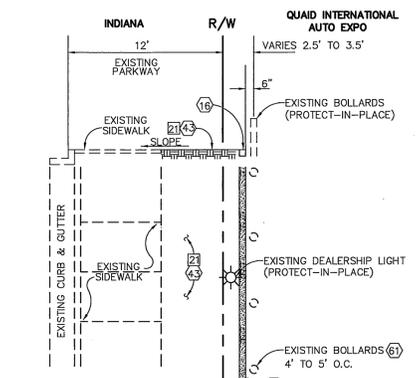
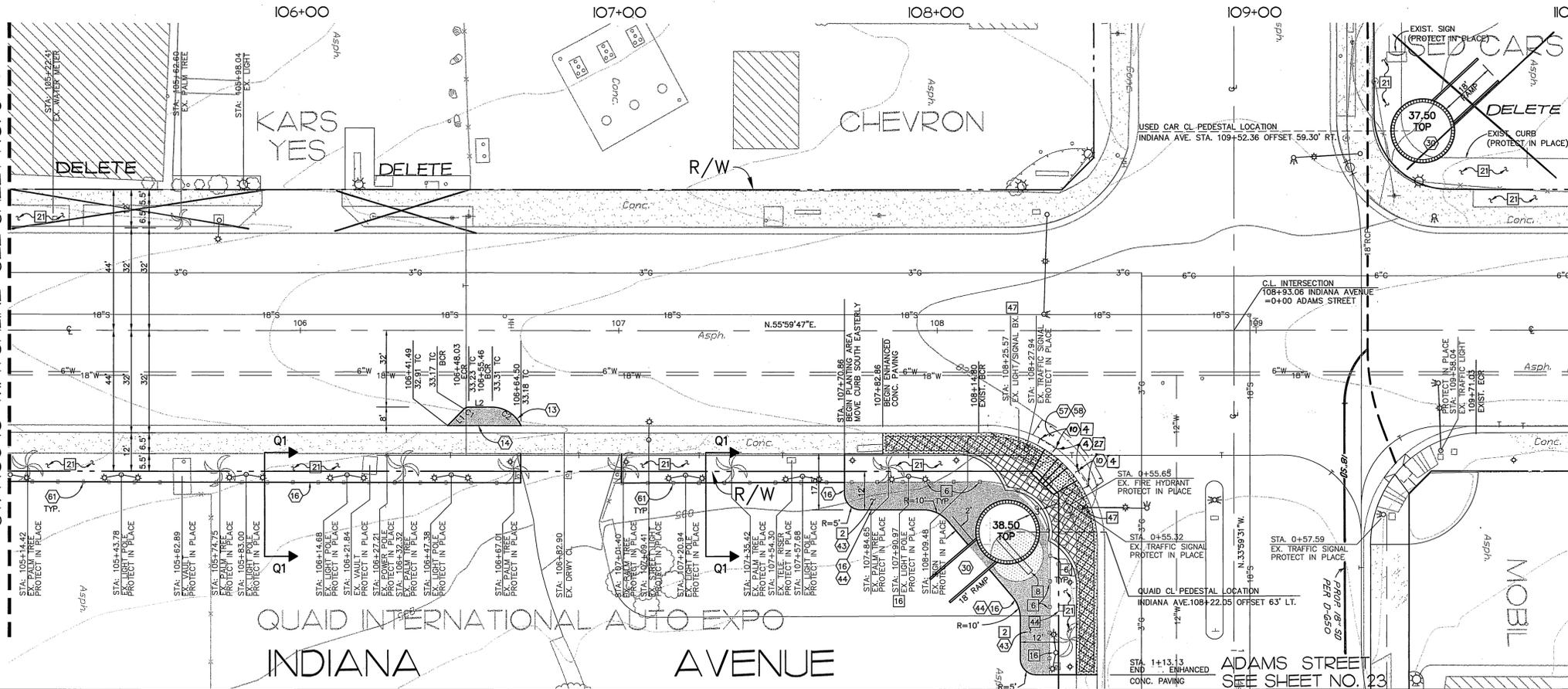
STA 105+10 MATCHLINE SEE SHEET NO. 6

STA 110+00 MATCHLINE SEE SHEET NO. 8



STA 105+10 MATCHLINE SEE SHEET NO. 6

STA 110+00 MATCHLINE SEE SHEET NO. 8



TYPICAL SECTION "Q1" (QUAID) MOWCURB PLANTER DETAIL

LINE	DIRECTION	DISTANCE
L1	N10°59'47"E	7.36'
L2	N55°59'47"E	7.43'

CURVE	DELTA	RADIUS	LENGTH	TANGENT
C1	45°00'00"	2.00'	1.57'	0.83'
C2	65°12'44"	10.00'	11.38'	6.40'

NOTE:  
SEE SHEET NO. 3 FOR CONSTRUCTION NOTES

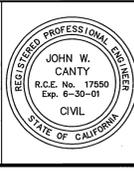
**CONSTRUCTION LEGEND**

- INDICATES NEW PLANTING AREAS [Symbol]
- INDICATES NEW A.C. PAVING [Symbol]
- INDICATES CONC. AND SIDEWALK REMOVAL [Symbol]
- INDICATES ENHANCED CONCRETE PAVING [Symbol]



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TWO WORKING DAYS BEFORE YOU DIG

**PRIVATE ENGINEERING NOTE**  
CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSULTING CONTRACTOR WILL BE REQUIRED TO ASSUME SIZE AND COMPLETE RESPONSIBILITY FOR THE SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND CONSTRUCTION CONTRACTOR FURTHER AGREES TO DEFEND INDEMNIFY AND HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPT LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF DESIGN PROFESSIONAL.



PREPARED UNDER THE DIRECTION OF  
*Richard J. Dardick*  
JOHN W. CANTY, PE  
REGISTERED CIVIL ENGINEER NO. 17550  
EXPIRATION DATE: 6-30-01 DATE: 11/2/97  
CITY OF RIVERSIDE  
PUBLIC UTILITIES DEPARTMENT-WATER  
APPROVED BY: *Richard J. Dardick* 11/2/97  
VOID ONE YEAR FROM THIS DATE

**CEG** CANTY ENGINEERING GROUP, INC.  
CIVIL ENGINEERING - PLANNING - SURVEYING  
3120 CHICAGO AVENUE, SUITE 180, P.D. BOX 52050, RIVERSIDE, CA 92517  
TEL (909) 683 - 5234 FAX (909) 683 - 5301  
SCALE: 1" = 20'  
BENCH MARK: RIV. CO. BM 601-21-68, CALTRANS BRASS DISK SET IN CONC. WELL LOCATED IN CENTERLINE OF MONROE STREET 40' NW OF INDIANA AVENUE ELEVATION: 810.933  
DATE: JULY 1997

MARK	REVISIONS	APPR.	DATE

**CITY OF RIVERSIDE**  
DEPARTMENT OF PUBLIC WORKS  
APPROVED BY: *R. McSwartz*  
PRINCIPAL ENGR. DATE: 10/19/98  
TRAFFIC DIVISION  
CHIEF P. ENGR. DATE: 10-19-98

IN THE CITY OF RIVERSIDE, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA  
**AUTO CENTER RENOVATION PLAN**  
STREET IMPROVEMENT PLAN  
INDIANA AVENUE  
STA. 105+10 TO STA. 110+00  
PROJECT NO. R-3471  
SHEET 7 OF 43  
FOR: RIVERSIDE AUTO CENTER ASSESSMENT DISTRICT FILE NO.: 1036-003

INDEXED 12-26-01 ftt

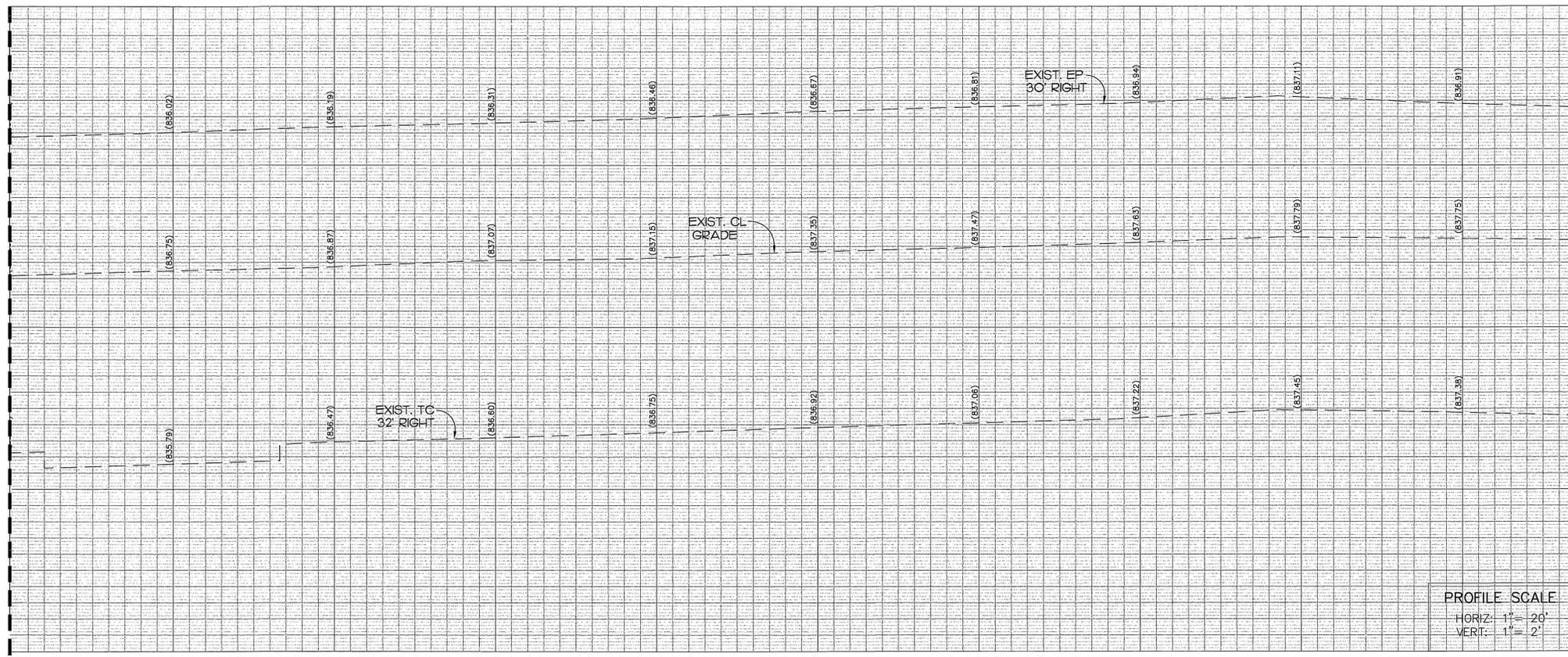
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835 CL

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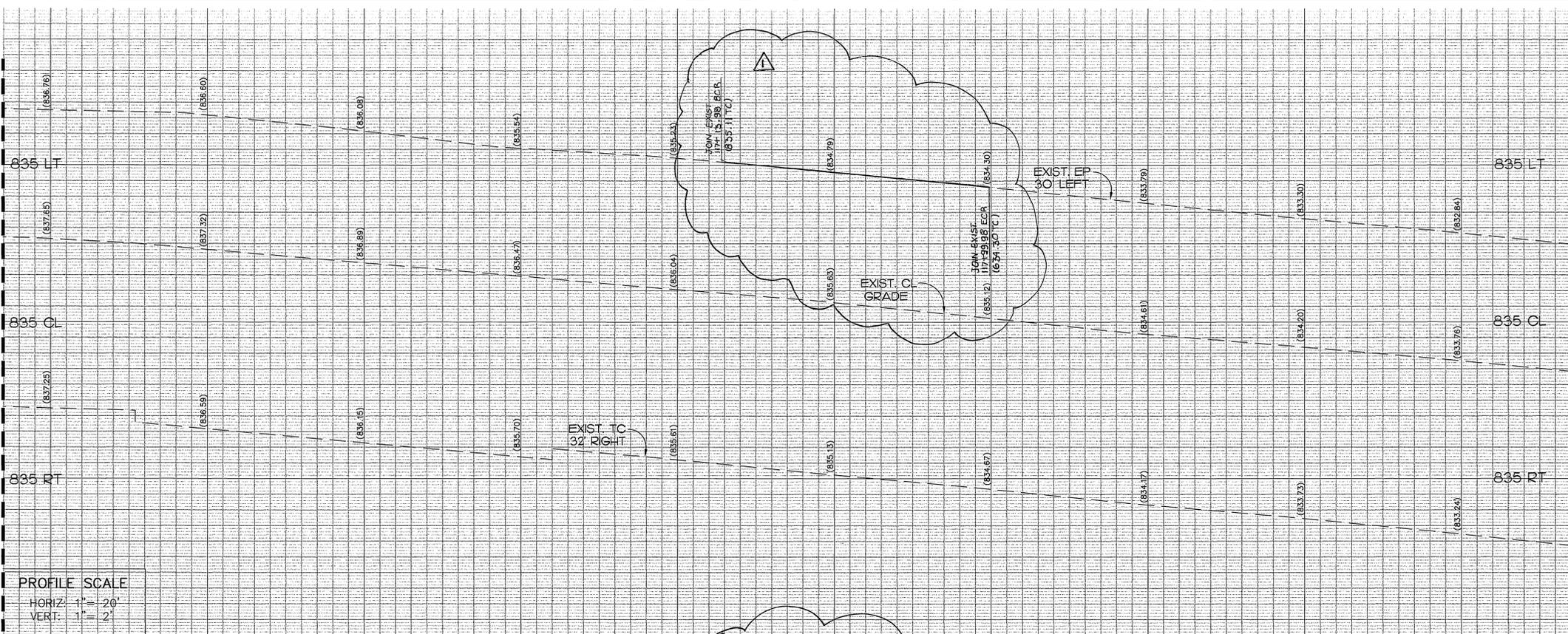
STA 110+00 MATCHLINE SEE SHEET NO. 7

STA 114+85 MATCHLINE SEE SHEET NO. 8

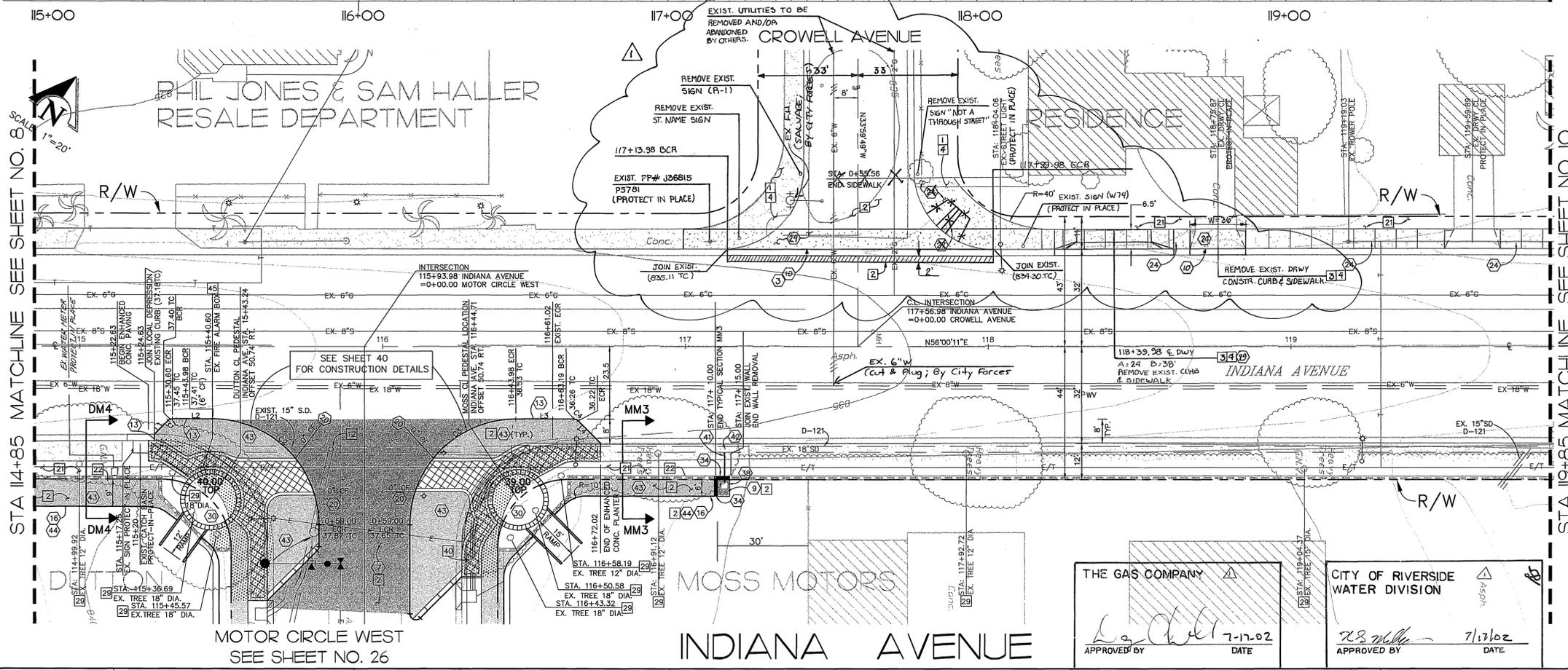
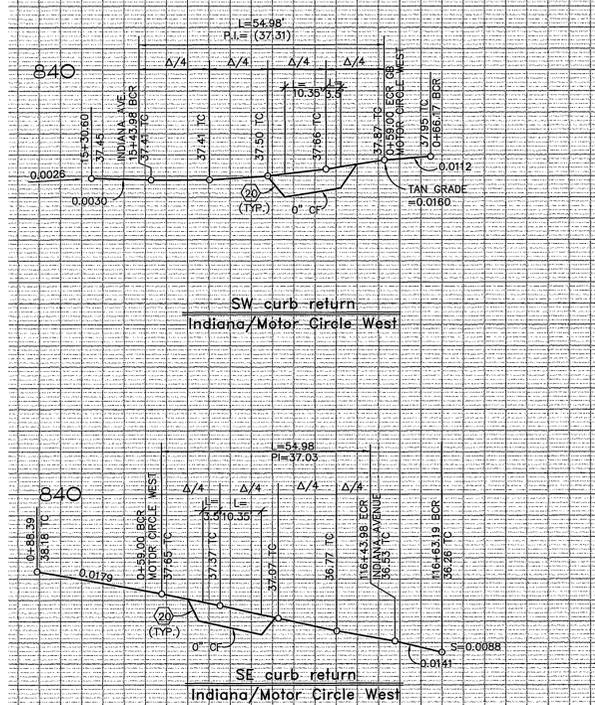


STA 114+85 MATCHLINE SEE SHEET NO. 8

STA 119+85 MATCHLINE SEE SHEET NO. 10

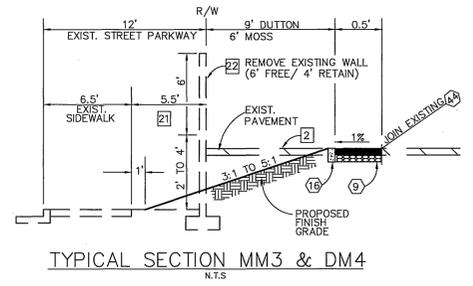


PROFILE SCALE  
 HORIZ: 1" = 20'  
 VERT: 1" = 2'



STA 114+85 MATCHLINE SEE SHEET NO. 8

STA 119+85 MATCHLINE SEE SHEET NO. 10



NOTE:  
 SEE SHEET NO. 2 FOR CONSTRUCTION NOTES

CONSTRUCTION LEGEND

- INDICATES NEW PLANTING AREAS (21)(43)
- INDICATES NEW A.C. PAVING (7)(2)
- INDICATES CONC. AND SIDEWALK REMOVAL (5)
- INDICATES ENHANCED CONCRETE PAVING (25)
- INDICATES NEW SIDEWALK (24)

CURVE	DELTA	RADIUS	LENGTH	TANGENT
C1	45°00'00"	2.00'	1.57'	0.83'
C2	89°59'59"	35.00'	54.98'	35.00'
C3	90°00'01"	35.00'	54.98'	35.00'
C4	45°00'00"	2.00'	1.57'	0.83'

APPROVED BY: *[Signature]* DATE: 7-17-02  
 APPROVED BY: *[Signature]* DATE: 7/17/02

Underground Service Alert  
 Call: TOLL FREE  
 1-800-227-2600  
 TWO WORKING DAYS BEFORE YOU DIG

PRIVATE ENGINEERING NOTE  
 CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND CONSTRUCTION CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF DESIGN PROFESSIONAL.

JOHN W. CANTY  
 REGISTERED PROFESSIONAL ENGINEER  
 R.C.E. No. 17550  
 Exp. 6-30-01  
 CIVIL  
 STATE OF CALIFORNIA

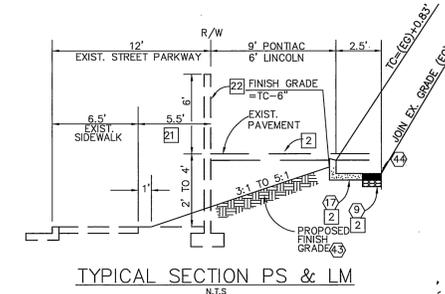
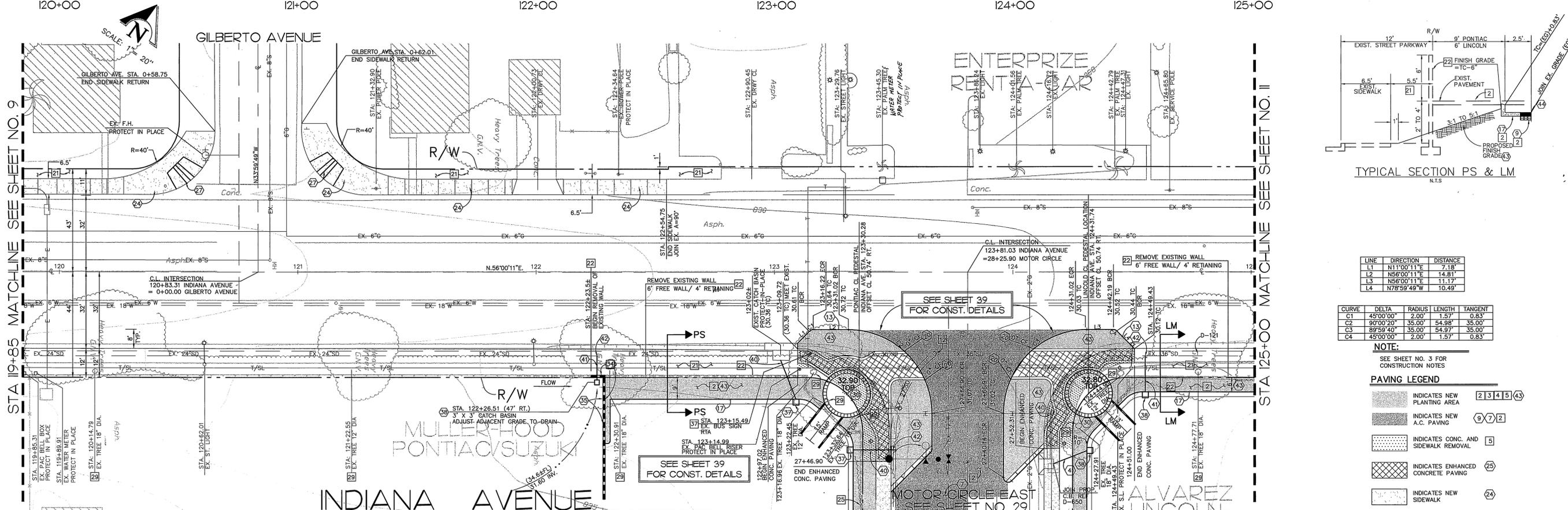
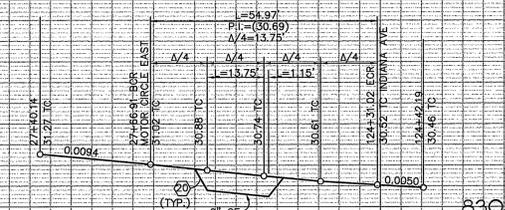
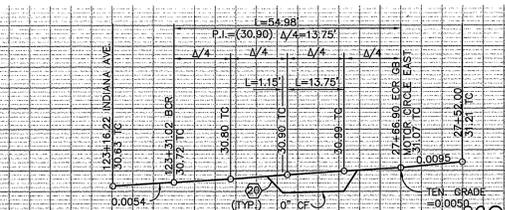
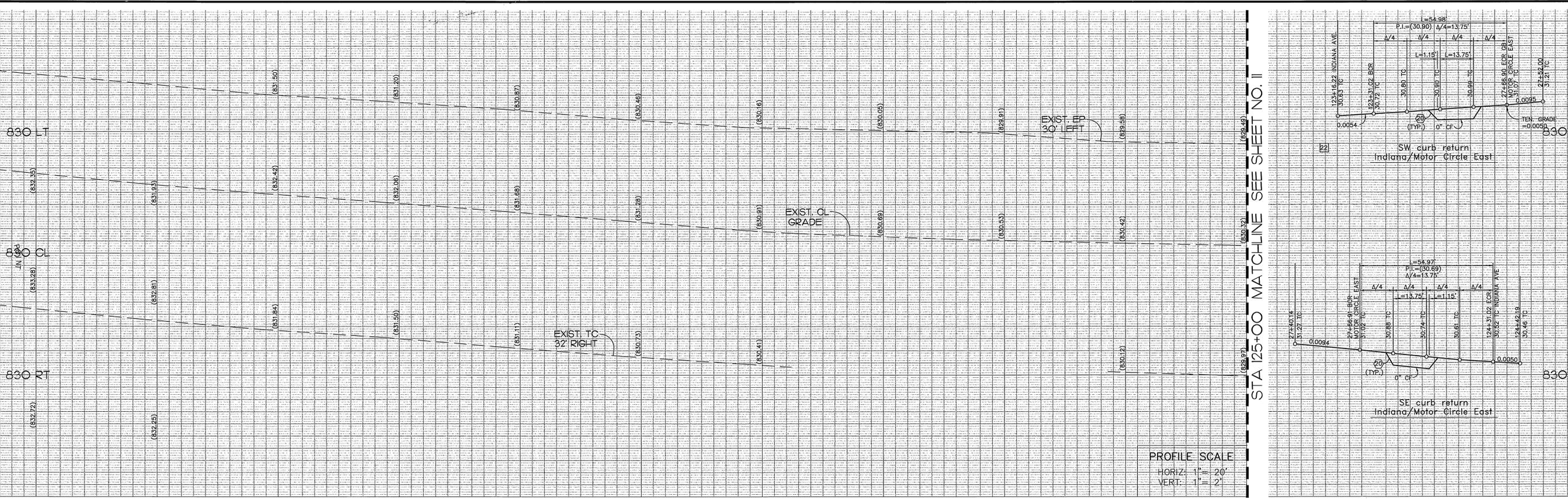
PREPARED UNDER THE DIRECTION OF  
 JOHN W. CANTY, PE  
 REGISTERED CIVIL ENGINEER NO. 17550  
 EXPIRATION DATE: 6-30-01 DATE: 11/14/99  
 CITY OF RIVERSIDE  
 PUBLIC UTILITIES DEPARTMENT-WATER  
 Approved by: *[Signature]* DATE: 11/14/99  
 VOID ONE YEAR FROM THIS DATE

CEG CANTY ENGINEERING GROUP, INC.  
 CIVIL ENGINEERING - PLANNING - SURVEYING  
 3120 CHICAGO AVENUE, SUITE 180, P.O. BOX 52050, RIVERSIDE, CA 92517  
 TEL (909) 683-5234 FAX (909) 683-5301  
 SCALE: 1"=20'  
 BENCH MARK: RIV. CO. BM 601-21-68, CALTRANS BRASS DISK SET IN CONC. WELL LOCATED IN CENTERLINE OF MONROE STREET 40' NW OF INDIANA AVENUE ELEVATION: 810.933  
 DATE: JULY 1997

DESIGNED BY: P.C. DRAWN BY: S.L.B./G.E.G. CHECKED BY: D.L.D./J.W.C.  
 REVISIONS: 01-02, 02-01, 02-02, 02-03, 02-04, 02-05, 02-06, 02-07, 02-08, 02-09, 02-10, 02-11, 02-12, 02-13, 02-14, 02-15, 02-16, 02-17, 02-18, 02-19, 02-20, 02-21, 02-22, 02-23, 02-24, 02-25, 02-26, 02-27, 02-28, 02-29, 02-30, 02-31, 02-32, 02-33, 02-34, 02-35, 02-36, 02-37, 02-38, 02-39, 02-40, 02-41, 02-42, 02-43, 02-44, 02-45, 02-46, 02-47, 02-48, 02-49, 02-50, 02-51, 02-52, 02-53, 02-54, 02-55, 02-56, 02-57, 02-58, 02-59, 02-60, 02-61, 02-62, 02-63, 02-64, 02-65, 02-66, 02-67, 02-68, 02-69, 02-70, 02-71, 02-72, 02-73, 02-74, 02-75, 02-76, 02-77, 02-78, 02-79, 02-80, 02-81, 02-82, 02-83, 02-84, 02-85, 02-86, 02-87, 02-88, 02-89, 02-90, 02-91, 02-92, 02-93, 02-94, 02-95, 02-96, 02-97, 02-98, 02-99, 02-100, 02-101, 02-102, 02-103, 02-104, 02-105, 02-106, 02-107, 02-108, 02-109, 02-110, 02-111, 02-112, 02-113, 02-114, 02-115, 02-116, 02-117, 02-118, 02-119, 02-120, 02-121, 02-122, 02-123, 02-124, 02-125, 02-126, 02-127, 02-128, 02-129, 02-130, 02-131, 02-132, 02-133, 02-134, 02-135, 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03-261, 03-262, 03-263, 03-264, 03-265, 03-266, 03-267, 03-268, 03-269

STA 119+85 MATCHLINE SEE SHEET NO. 9

STA 125+00 MATCHLINE SEE SHEET NO. 11



LINE	DIRECTION	DISTANCE
L1	N11°00'11"E	7.18'
L2	N56°00'11"E	14.81'
L3	N56°00'11"E	11.13'
L4	N78°59'49"W	10.49'

CURVE	DELTA	RADIUS	LENGTH	TANGENT
C1	45°00'00"	2.00'	1.57'	0.83'
C2	90°00'20"	35.00'	54.98'	35.00'
C3	89°59'40"	35.00'	54.97'	35.00'
C4	45°00'00"	2.00'	1.57'	0.83'

- NOTE:**  
SEE SHEET NO. 3 FOR CONSTRUCTION NOTES
- PAVING LEGEND**
- INDICATES NEW PLANTING AREA [21][4][5][43]
  - INDICATES NEW A.C. PAVING [9][7][2]
  - INDICATES CONC. AND SIDEWALK REMOVAL [5]
  - INDICATES ENHANCED CONCRETE PAVING [25]
  - INDICATES NEW SIDEWALK [24]

Underground Service Alert  
Call: TOLL FREE  
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227-2600  
TWO WORKING DAYS BEFORE YOU DIG

**PRIVATE ENGINEERING NOTE**

CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS AND CONSTRUCTION CONTRACTOR FURTHER AGREES TO OBTAIN WORKMANLY AND HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF DESIGN PROFESSIONAL.

PREPARED UNDER THE DIRECTION OF  
*John W. Canty*  
JOHN W. CANTY  
REGISTERED CIVIL ENGINEER NO. 17550  
EXPIRATION DATE: 6-30-01 DATE: 11/2/97  
CITY OF RIVERSIDE  
PUBLIC UTILITIES DEPARTMENT-WATER  
Richard J. Duda 11/2/97  
APPROVED BY DATE

**CEG** CANTY ENGINEERING GROUP, INC.  
CIVIL ENGINEERING - PLANNING - SURVEYING  
3120 CHICAGO AVENUE, SUITE 180, P.O. BOX 52050, RIVERSIDE, CA 92517  
TEL (909) 683 - 5234 FAX (909) 683 - 5301

SCALE: 1"=20'  
DATE: JULY 1997

BENCH MARK: RIV. CO. BM 601-21-68, CALTRANS BRASS DISK SET IN CONC. WELL LOCATED IN CENTERLINE OF MONROE STREET 40' NW OF INDIANA AVENUE ELEVATION: 810.933

CITY OF RIVERSIDE,  
DEPARTMENT OF PUBLIC WORKS

APPROVED BY: *R. DeBault*  
R. DeBault  
DIRECTOR OF PUBLIC WORKS  
DATE: 10-19-98

CITY OF RIVERSIDE,  
DEPARTMENT OF PUBLIC WORKS

APPROVED BY: *R. DeBault*  
R. DeBault  
DIRECTOR OF PUBLIC WORKS  
DATE: 10-19-98

IN THE CITY OF RIVERSIDE, COUNTY OF RIVERSIDE  
STATE OF CALIFORNIA

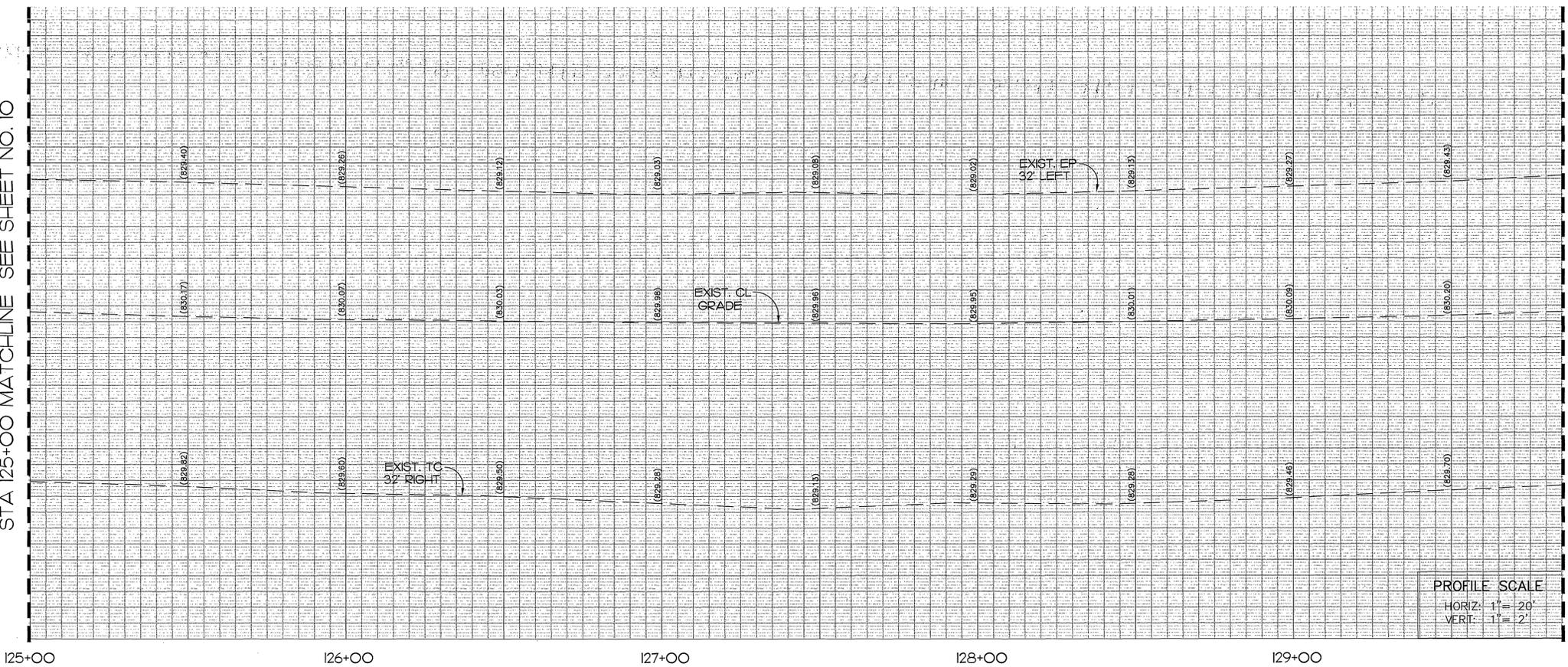
**AUTO CENTER RENOVATION PLAN**  
STREET IMPROVEMENT PLAN  
INDIANA AVENUE  
STA. 119+85 TO STA. 125+00

PROJECT NO. R-3471  
SHEET 10 OF 43  
FOR: RIVERSIDE AUTO CENTER ASSESSMENT DISTRICT  
FILE NO.: 1036-003

INDEXED 12-26-01 4th

830 LT  
830 CL  
830 RT  
STA 125+00 MATCHLINE SEE SHEET NO. 10

830 LT  
830 CL  
830 RT  
STA 129+85 MATCHLINE SEE SHEET NO. 12



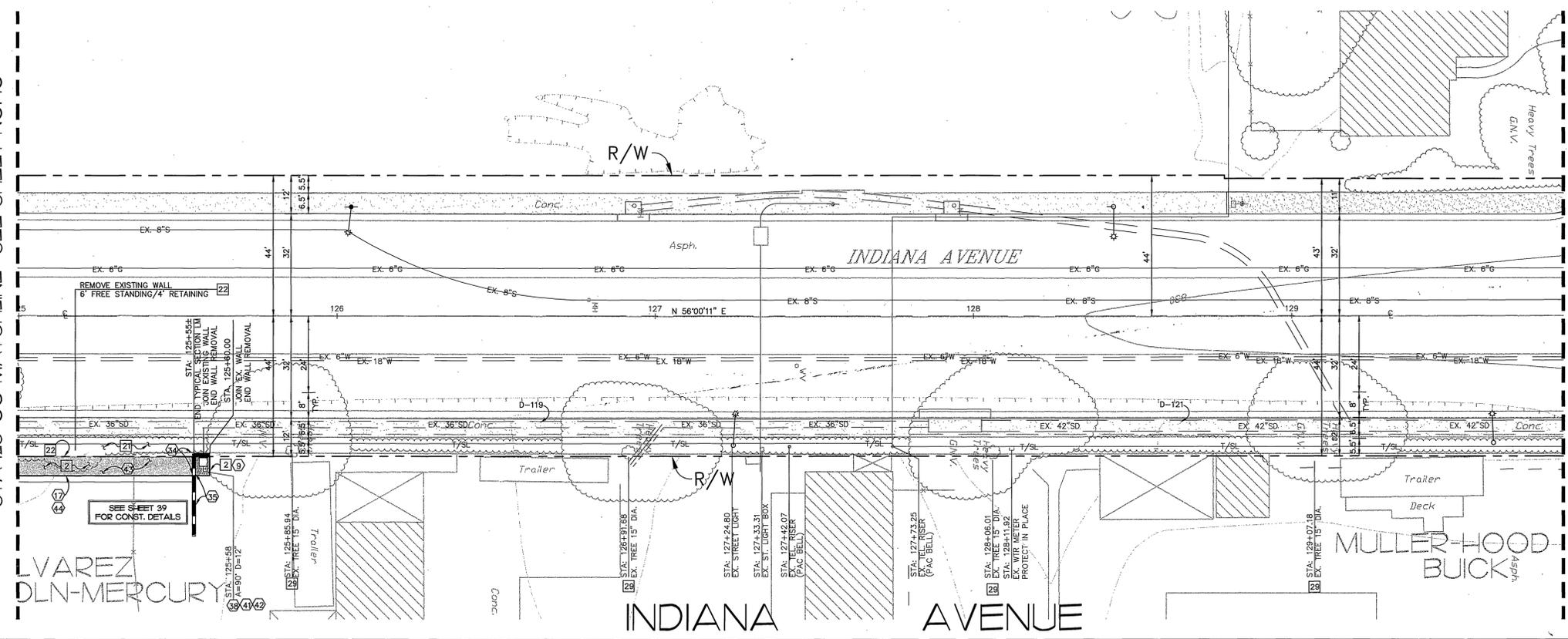
PROFILE SCALE  
HORIZ: 1" = 20'  
VERT: 1" = 2'

125+00 126+00 127+00 128+00 129+00



STA 125+00 MATCHLINE SEE SHEET NO. 10

STA 129+85 MATCHLINE SEE SHEET NO. 12



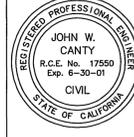
NOTE:  
SEE SHEET NO. 3 FOR  
CONSTRUCTION NOTES

**CONSTRUCTION LEGEND**

	INDICATES NEW PLATING AREAS	2143
	INDICATES NEW A.C. PAVING	392
	INDICATES CONC. AND SIDEWALK REMOVAL	5
	INDICATES ENHANCED CONCRETE PAVING	25

Underground Service Alert  
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277-2600  
TWO WORKING DAYS BEFORE YOU DIG

**PRIVATE ENGINEERING NOTE**  
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PREPARED UNDER THE DIRECTION OF:  
*John W. Canty*  
JOHN W. CANTY, PE  
REGISTERED CIVIL ENGINEER, NO. 17550  
EXPIRATION DATE: 6-30-01 DATE: 11/6/97  
CITY OF RIVERSIDE  
PUBLIC UTILITIES DEPARTMENT-WATER  
*Ronald J. Drotter* 11/12/97  
APPROVED BY DATE  
VOID ONE YEAR FROM THIS DATE

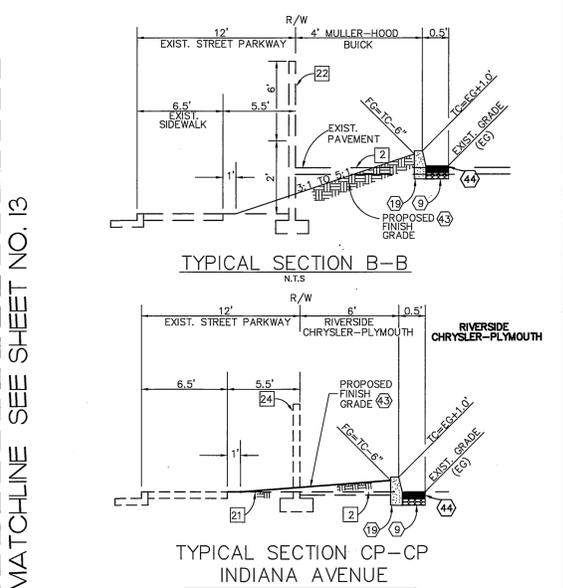
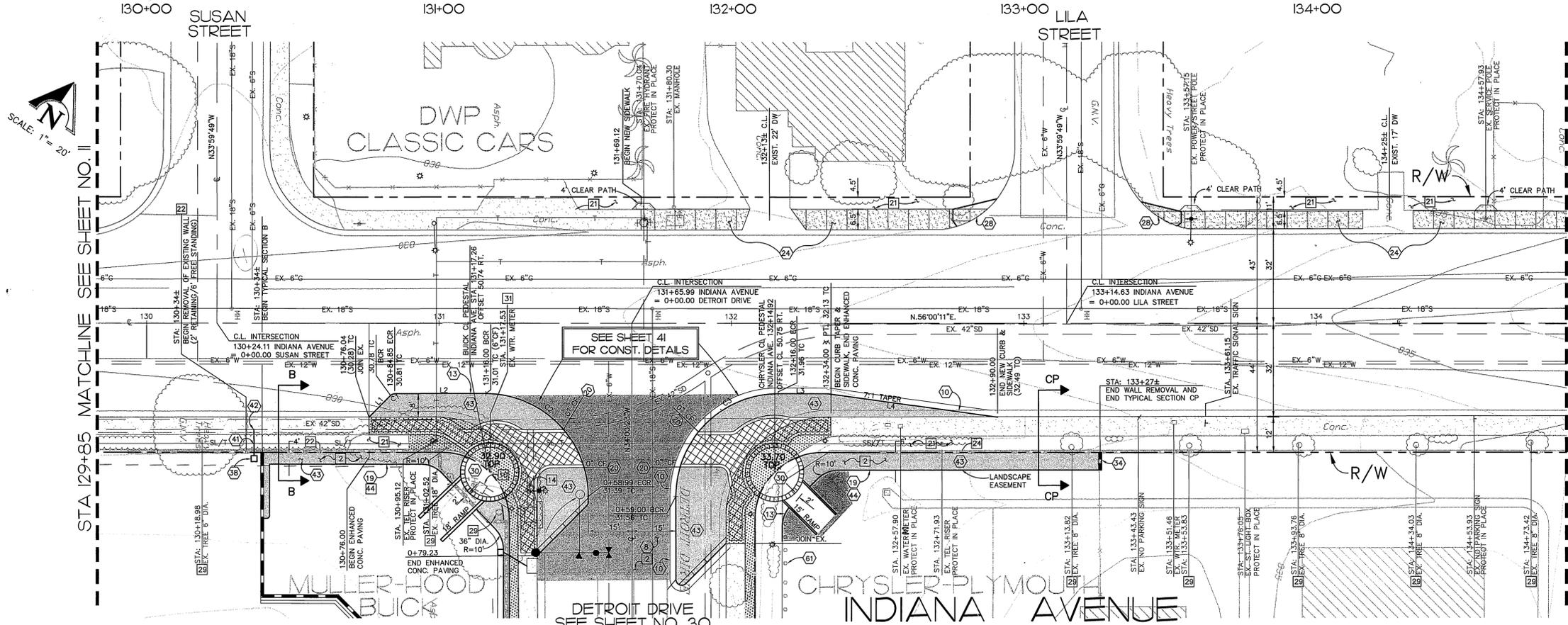
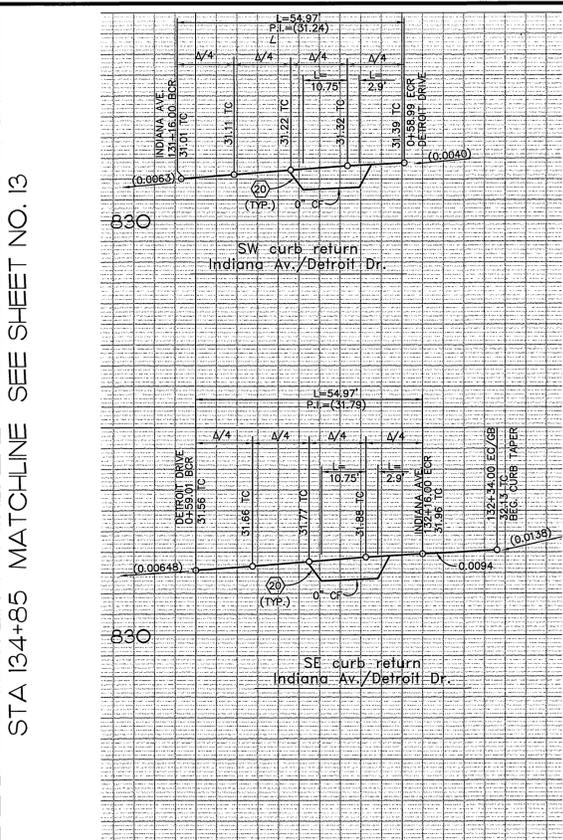
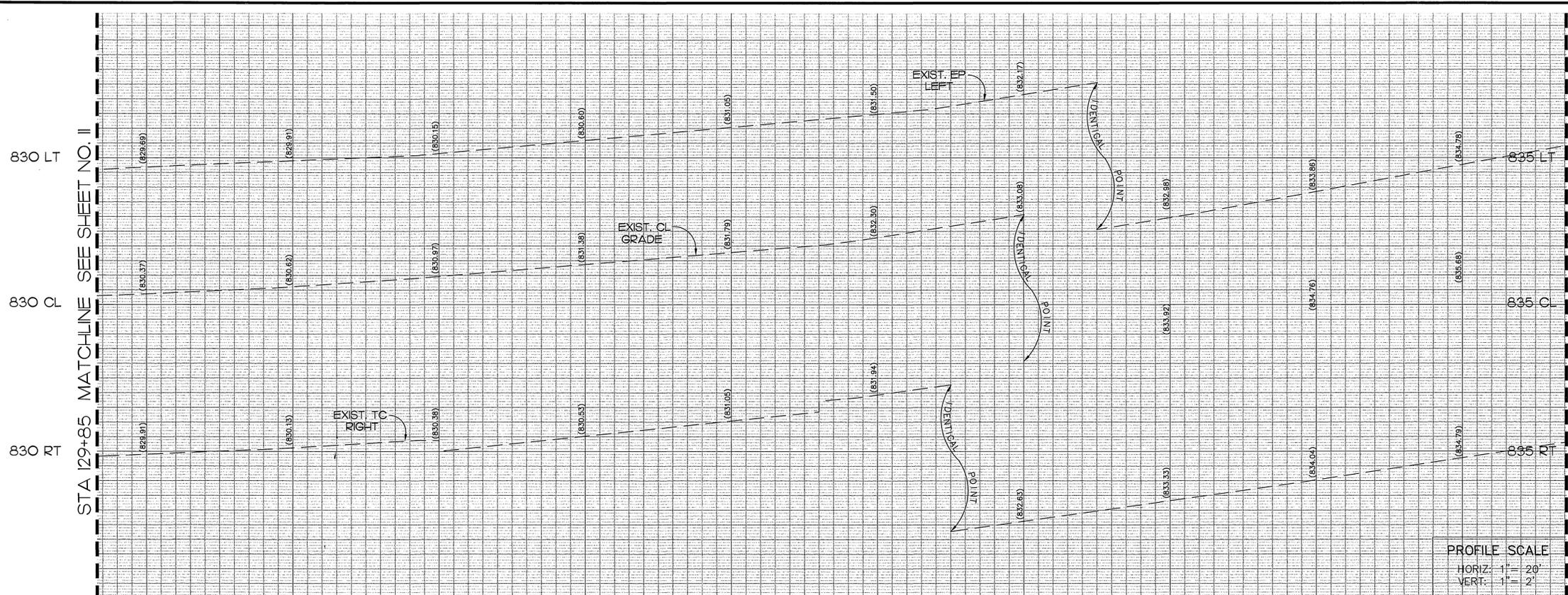
**CEG** CANTY ENGINEERING GROUP, INC.  
CIVIL ENGINEERING - PLANNING - SURVEYING  
3120 CHICAGO AVENUE, SUITE 180, P.O. BOX 52050, RIVERSIDE, CA 92517  
TEL (909) 683 - 5234 FAX (909) 683 - 5301  
SCALE: 1"=20'  
BENCH MARK: RIV. CO. BM 601-21-68, CALTRANS BRASS DISK SET IN CONC. WELL LOCATED IN CENTERLINE OF MONROE STREET 40' NW OF INDIANA AVENUE ELEVATION: 810.933  
DATE: JULY 1997

MARK	REVISIONS	APPR.	DATE
DESIGNED BY P.C.	DRAWN BY S.L.B.	CHECKED BY D.L.D./J.W.C.	

CITY OF RIVERSIDE,  
DEPARTMENT OF PUBLIC WORKS  
APPROVED BY: *R. Ne Smith*  
R. Ne Smith  
DIRECTOR OF PUBLIC WORKS  
DATE: 10-19-98

IN THE CITY OF RIVERSIDE, COUNTY OF RIVERSIDE  
STATE OF CALIFORNIA  
PROJECT NO. R-3471  
AUTO CENTER RENOVATION PLAN  
STREET IMPROVEMENT PLAN  
INDIANA AVENUE  
STA. 125+00 TO STA. 129+85  
SHEET 11 OF 43  
FOR: RIVERSIDE AUTO CENTER ASSESSMENT DISTRICT  
FILE NO.: 1036-003

INDEXED 12-26-01 LHM



LINE	DIRECTION	DISTANCE
L1	N11°00'11"E	10.49'
L2	N56°00'11"E	31.15'
L3	N56°00'11"E	18.00'
L4	N63°51'23"E	58.21'

CURVE	DELTA	RADIUS	LENGTH	TANGENT
C1	45°00'00"	2.00'	1.57'	0.83'
C2	82°59'26"	35.00'	54.97'	34.99'
C3	90°00'34"	35.00'	54.98'	35.01'

**NOTE:**  
SEE SHEET NO. 3 FOR CONSTRUCTION NOTES

**CONSTRUCTION LEGEND**

- [Symbol] INDICATES NEW PLANTING AREAS (2) [4] [43]
- [Symbol] INDICATES NEW A.C. PAVING (2) [8]
- [Symbol] INDICATES CONC. AND SIDEWALK REMOVAL (5)
- [Symbol] INDICATES ENHANCED CONCRETE PAVING (25)
- [Symbol] INDICATES NEW CONC. SIDEWALK OR DRIVEWAY (24)

Underground Service Alert  
Call: TOLL FREE  
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277-2600  
TWO WORKING DAYS BEFORE YOU DIG

**PRIVATE ENGINEERING NOTE**  
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REGISTERED PROFESSIONAL ENGINEER  
JOHN W. CANTY  
R.C.E. NO. 17550  
Exp. 6-30-01  
CIVIL  
STATE OF CALIFORNIA

PREPARED UNDER THE DIRECTION OF:  
JOHN W. CANTY, PE  
REGISTERED CIVIL ENGINEER NO. 17550  
EXPIRATION DATE: 6-30-01 DATE: 11/6/97  
CITY OF RIVERSIDE  
PUBLIC UTILITIES DEPARTMENT-WATER  
Richard J. Durbak 11/12/97  
APPROVED BY DATE  
VOID ONE YEAR FROM THIS DATE

**CEG** COUNTY ENGINEERING GROUP, INC.  
CIVIL ENGINEERING - PLANNING - SURVEYING  
3120 CHICAGO AVENUE, SUITE 180, P.O. BOX 52050, RIVERSIDE, CA 92517  
TEL (909) 683 - 5234 FAX (909) 683 - 5301  
SCALE: 1"=20'  
BENCH MARK: RIV. CO. BM 601-21-68, CALTRANS BRASS DISK SET IN CONC. WELL LOCATED IN CENTERLINE OF MONROE STREET 40' NW OF INDIANA AVENUE ELEVATION: 810.933  
DATE: JULY 1997

CITY OF RIVERSIDE  
DEPARTMENT OF PUBLIC WORKS  
APPROVED BY: [Signature]  
PRINCIPAL ENGR. DATE: 10-19-98  
PARK DEPARTMENT  
TRAFFIC DIVISION  
CHIEF P.W. ENGR. DATE: 10-19-98

IN THE CITY OF RIVERSIDE, COUNTY OF RIVERSIDE  
STATE OF CALIFORNIA  
AUTO CENTER RENOVATION PLAN R-3471  
STREET IMPROVEMENT PLAN  
INDIANA AVENUE  
STA. 129+85 TO STA. 134+85  
SHEET 12 OF 43  
FOR: RIVERSIDE AUTO CENTER ASSESSMENT DISTRICT FILE NO.: 1036-003

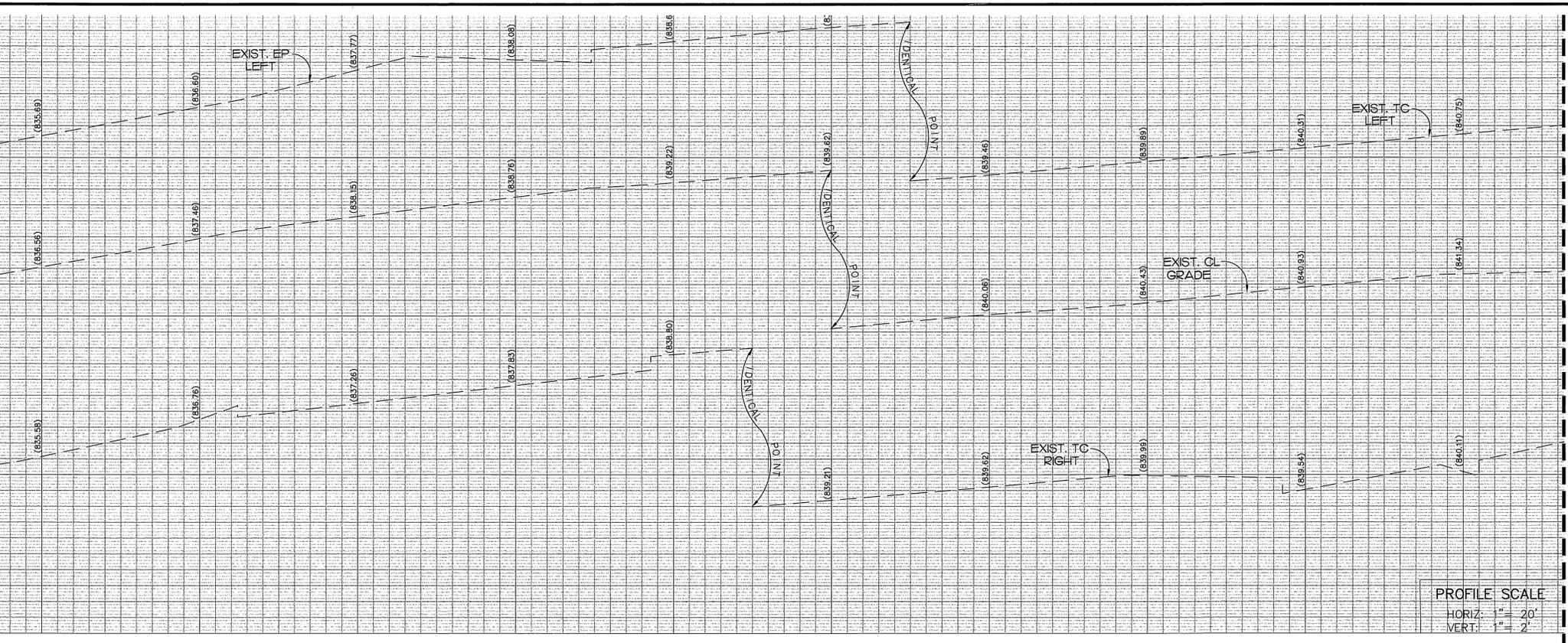
INDEXED 12-26-01 4H

835 LT  
835 CL  
835 RT

840 LT  
840 CL  
840 RT

STA 134+85 MATCHLINE SEE SHEET NO. 12

STA 139+85 MATCHLINE SEE SHEET NO. 14



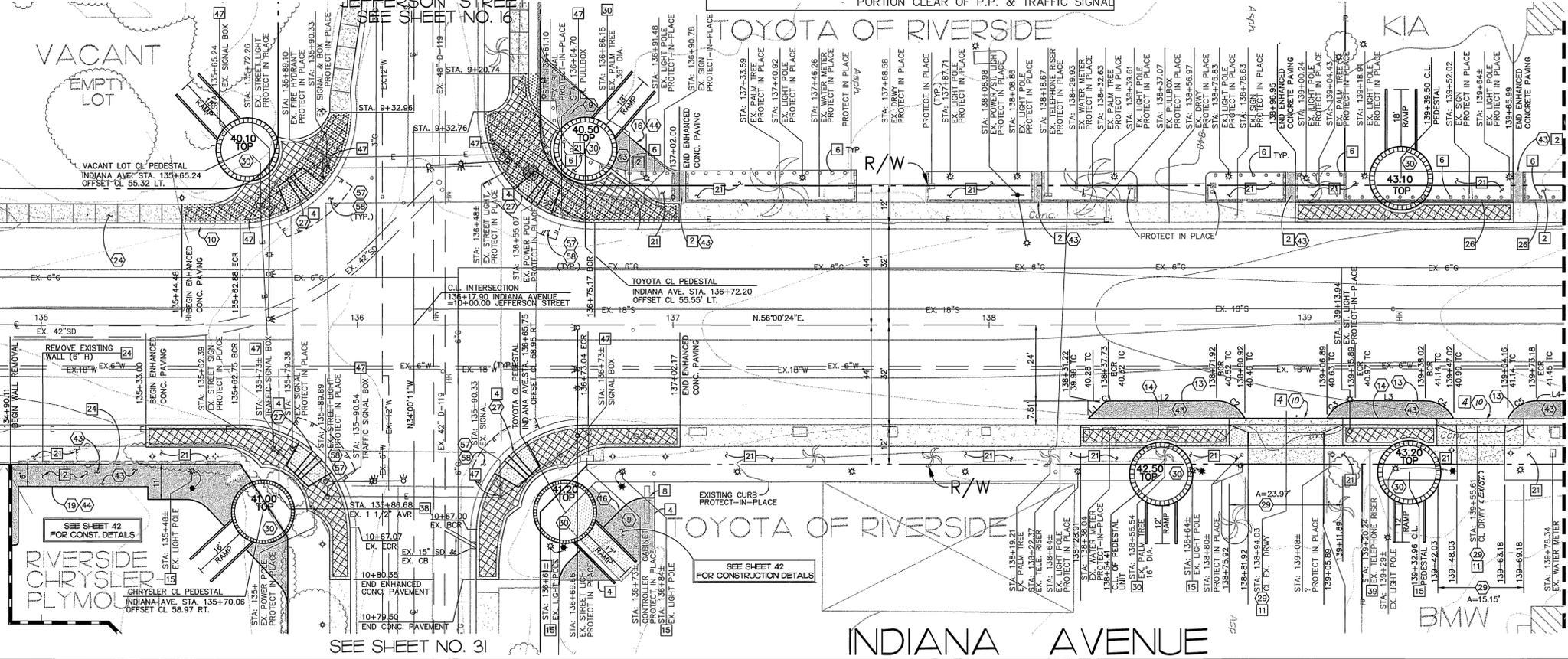
PROFILE SCALE  
HORIZ: 1" = 20'  
VERT: 1" = 2'

135+00 136+00 137+00 138+00 139+00



STA 134+85 MATCHLINE SEE SHEET NO. 12

STA 139+85 MATCHLINE SEE SHEET NO. 14



CURVE	DELTA	RADIUS	LENGTH	TANGENT
C1	45°00'00"	2.00'	1.57'	0.83'
C2	63°17'33"	10.00'	11.05'	6.16'
C3	63°22'18"	10.00'	11.06'	6.17'
C4	63°25'50"	10.00'	11.07'	6.18'
C5	64°19'30"	10.00'	11.23'	6.29'

NOTE:  
SEE SHEET NO. 3 FOR CONSTRUCTION NOTES

**CONSTRUCTION LEGEND**

	INDICATES NEW PLANTING AREAS	2 14 43
	INDICATES NEW A.C. PAVING	9 3 2
	INDICATES CONC. AND SIDEWALK REMOVAL	5 11
	INDICATES ENHANCED CONCRETE PAVING	25

Underground Service Alert  
Call: TOLL FREE  
1-800-227-2600  
TWO WORKING DAYS BEFORE YOU DIG

**PRIVATE ENGINEERING NOTE**  
CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES...  
JOHN W. CANTY  
REGISTERED CIVIL ENGINEER  
R.C.E. No. 17550  
Exp. 6-30-01  
CIVIL  
STATE OF CALIFORNIA

PREPARED UNDER THE DIRECTION OF:  
JOHN W. CANTY, PE  
REGISTERED CIVIL ENGINEER NO. 17550  
EXPIRATION DATE: 6-30-01 DATE: 11/2/97  
CITY OF RIVERSIDE  
PUBLIC UTILITIES DEPARTMENT-WATER  
Richard J. Dierker 11/12/97  
APPROVED BY: DATE: 11/12/97  
VOID ONE YEAR FROM THIS DATE

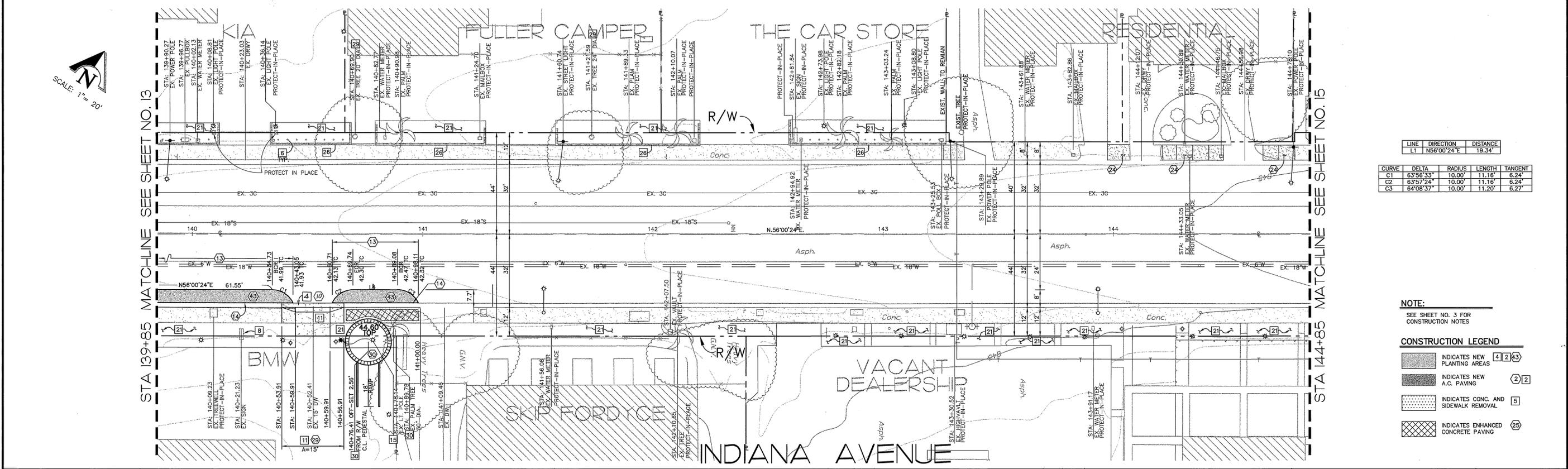
**CEG** CANTY ENGINEERING GROUP, INC.  
CIVIL ENGINEERING - PLANNING - SURVEYING  
3120 CHICAGO AVENUE, SUITE 180, P.O. BOX 52050, RIVERSIDE, CA 92517  
TEL (909) 683-5234 FAX (909) 683-5301  
SCALE: 1"=20'  
BENCH MARK: RIV. CO. BM 601-21-68, CALTRANS BRASS DISK SET IN CONC. WELL LOCATED IN CENTERLINE OF MONROE STREET 40' NW OF INDIANA AVENUE ELEVATION: 810.933  
DATE: JULY 1997

MARK	REVISIONS	APPR.	DATE

CITY OF RIVERSIDE  
DEPARTMENT OF PUBLIC WORKS  
APPROVED BY: DATE: 10-19-98  
R. Mc Dratt  
DIRECTOR OF PUBLIC WORKS

IN THE CITY OF RIVERSIDE, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA  
PROJECT NO. R-3471  
AUTO CENTER RENOVATION PLAN  
STREET IMPROVEMENT PLAN  
INDIANA AVENUE  
STA. 134+85 TO STA. 139+85  
SHEET 13 OF 43  
FOR: RIVERSIDE AUTO CENTER ASSESSMENT DISTRICT  
FILE NO.: 1036-003

INDEXED 12-26-01 Lft



CURVE	DELTA	RADIUS	LENGTH	TANGENT
C1	63°56'33"	10.00'	11.16'	6.24'
C2	63°57'24"	10.00'	11.16'	6.24'
C3	64°08'37"	10.00'	11.20'	6.27'

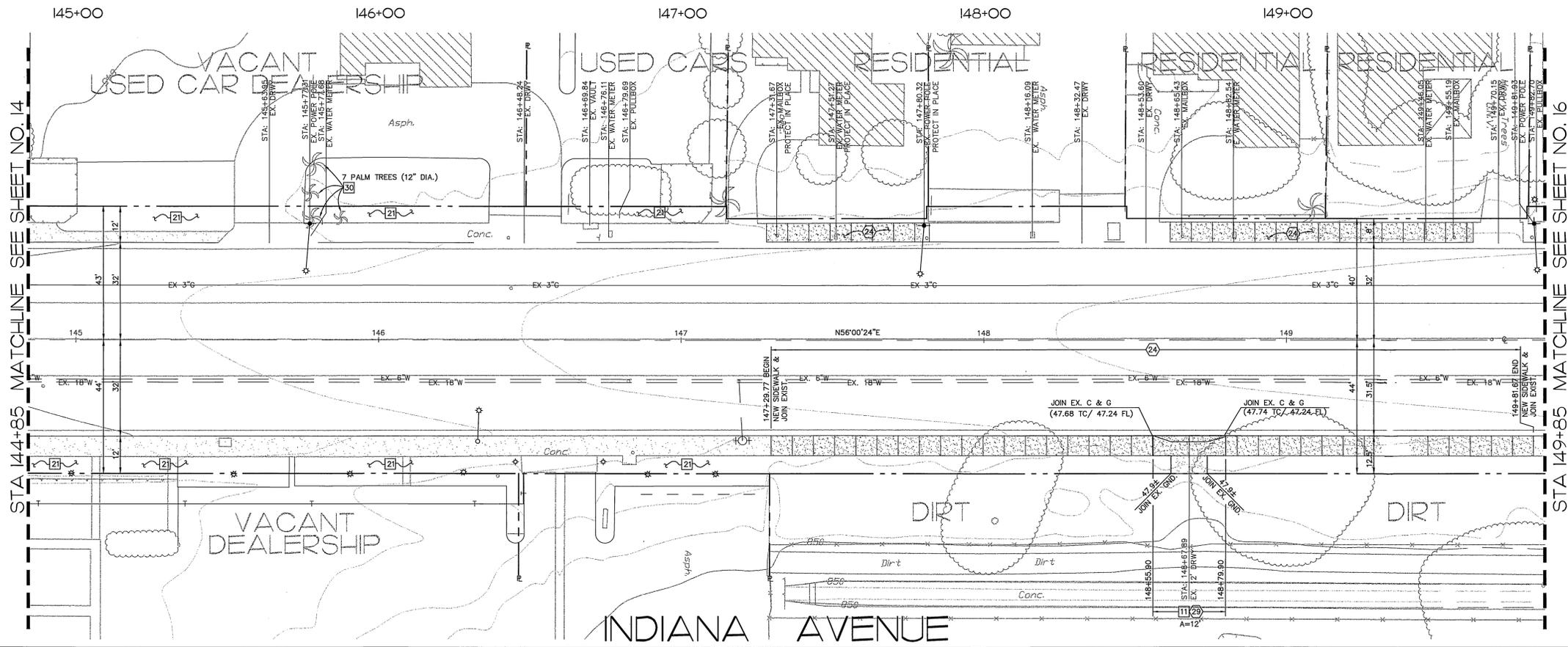
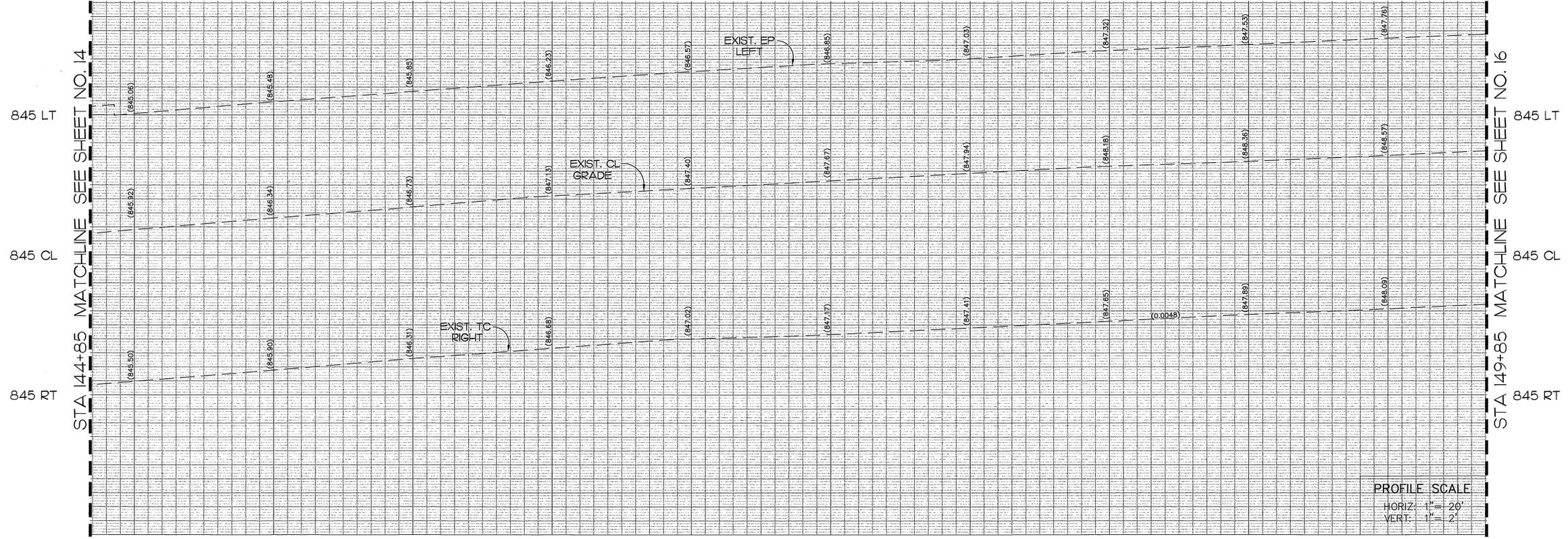
**NOTE:**  
SEE SHEET NO. 3 FOR CONSTRUCTION NOTES

**CONSTRUCTION LEGEND**

- INDICATES NEW PLANTING AREAS (4) (2) (3)
- INDICATES NEW A.C. PAVING (2) (2)
- INDICATES CONC. AND SIDEWALK REMOVAL (5)
- INDICATES ENHANCED CONCRETE PAVING (25)

<p>Underground Service Alert Call: TOLL FREE 1 - 800 227-2600 TWO WORKING DAYS BEFORE YOU DIG</p>	<p><b>PRIVATE ENGINEERING NOTE</b></p> <p>CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR ALL SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY, THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE INDUSTRY AND HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF DESIGN PROFESSIONAL.</p>	<p>PREPARED UNDER THE DIRECTION OF <i>John W. Canty</i> JOHN W. CANTY REGISTERED CIVIL ENGINEER NO. 17550 Exp. 6-30-01 EXPIRATION DATE: 6-30-01 DATE: 11/6/97 CITY OF RIVERSIDE PUBLIC UTILITIES DEPARTMENT-WATER <i>Richard J. Deibel</i> 11/12/97 APPROVED BY: DATE: 11/12/97 VOID ONE YEAR FROM THIS DATE</p>	<p><b>CEG</b> CANTY ENGINEERING GROUP, INC. CIVIL ENGINEERING - PLANNING - SURVEYING 3120 CHICAGO AVENUE, SUITE 180, P.O. BOX 52050, RIVERSIDE, CA 92517 TEL (909) 683 - 5234 FAX (909) 683 - 5301</p> <p>SCALE: 1"=20' BENCH MARK: RIV. CO. BM 601-21-68, CALTRANS BRASS DISK SET IN CONC. WELL LOCATED IN CENTERLINE OF MONROE STREET 40' NW OF INDIANA AVENUE ELEVATION: 810.933</p>	<p>CITY OF RIVERSIDE DEPARTMENT OF PUBLIC WORKS</p> <p>APPROVED BY: BY DATE PRINCIPAL ENGR. <i>R. Me Bueck</i> PARK DEPARTMENT TRAFFIC DIVISION <i>R</i> 7/22/98 CHIEF P.W. ENGR.</p> <p>APPROVED BY: BY DATE DIRECTOR OF PUBLIC WORKS <i>R. Me Bueck</i> DATE: 10-19-98</p>	<p>IN THE CITY OF RIVERSIDE, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA PROJECT NO. R-3471 AUTO CENTER RENOVATION PLAN STREET IMPROVEMENT PLAN INDIANA AVENUE STA. 139+85 TO STA. 144+85 SHEET 14 OF 43 FOR: RIVERSIDE AUTO CENTER ASSESSMENT DISTRICT FILE NO.: 1036-003</p>
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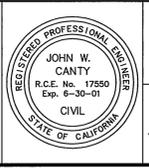
INDEXED 12-26-01 lft



- NOTE:**  
SEE SHEET NO. 3 FOR CONSTRUCTION NOTES
- CONSTRUCTION LEGEND**
- INDICATES NEW PLANTING AREAS (24)
  - INDICATES NEW A.C. PAVING (3)
  - INDICATES CONC. AND SIDEWALK REMOVAL (5)
  - INDICATES ENHANCED CONCRETE PAVING (25)
  - INDICATES NEW SIDEWALK (24)

Underground Service Alert  
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227-2600  
TWO WORKING DAYS BEFORE YOU DIG

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PREPARED UNDER THE DIRECTION OF  
*John W. Canty*  
JOHN W. CANTY, PE  
REGISTERED CIVIL ENGINEER NO. 17550  
EXPIRATION DATE: 6-30-01 DATE: 11/6/97  
CITY OF RIVERSIDE  
PUBLIC UTILITIES DEPARTMENT-WATER  
APPROVED BY: *Richard J. Drobule* 11/12/97  
VOID ONE YEAR FROM THIS DATE

**CEG** CANTY ENGINEERING GROUP, INC.  
CIVIL ENGINEERING - PLANNING - SURVEYING  
3120 CHICAGO AVENUE, SUITE 180, P.O. BOX 52050, RIVERSIDE, CA 92517  
TEL (909) 683 - 5234 FAX (909) 683 - 5301  
SCALE: 1"=20'  
BENCH MARK: RIV. CO. BM 601-21-68, CALTRANS BRASS DISK SET IN CONC. WELL LOCATED IN CENTERLINE OF MONROE STREET 40' NW OF INDIANA AVENUE ELEVATION: 810.933  
DATE: JULY 1997

MARK	REVISIONS	APPR.	DATE
DESIGNED BY	P.C.	DRAWN BY	S.L.B.
CHECKED BY	D.L.D./J.W.C.		

**CITY OF RIVERSIDE**  
DEPARTMENT OF PUBLIC WORKS  
APPROVED BY: *R. De Bratt*  
R. De Bratt  
DIRECTOR OF PUBLIC WORKS  
DATE: 10-19-98

IN THE CITY OF RIVERSIDE, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA  
**AUTO CENTER RENOVATION PLAN**  
STREET IMPROVEMENT PLAN  
INDIANA AVENUE  
STA. 144+85 TO STA. 149+85  
FOR: RIVERSIDE AUTO CENTER ASSESSMENT DISTRICT  
PROJECT NO. R-3471  
SHEET 15 OF 43  
FILE NO.: 1036-003

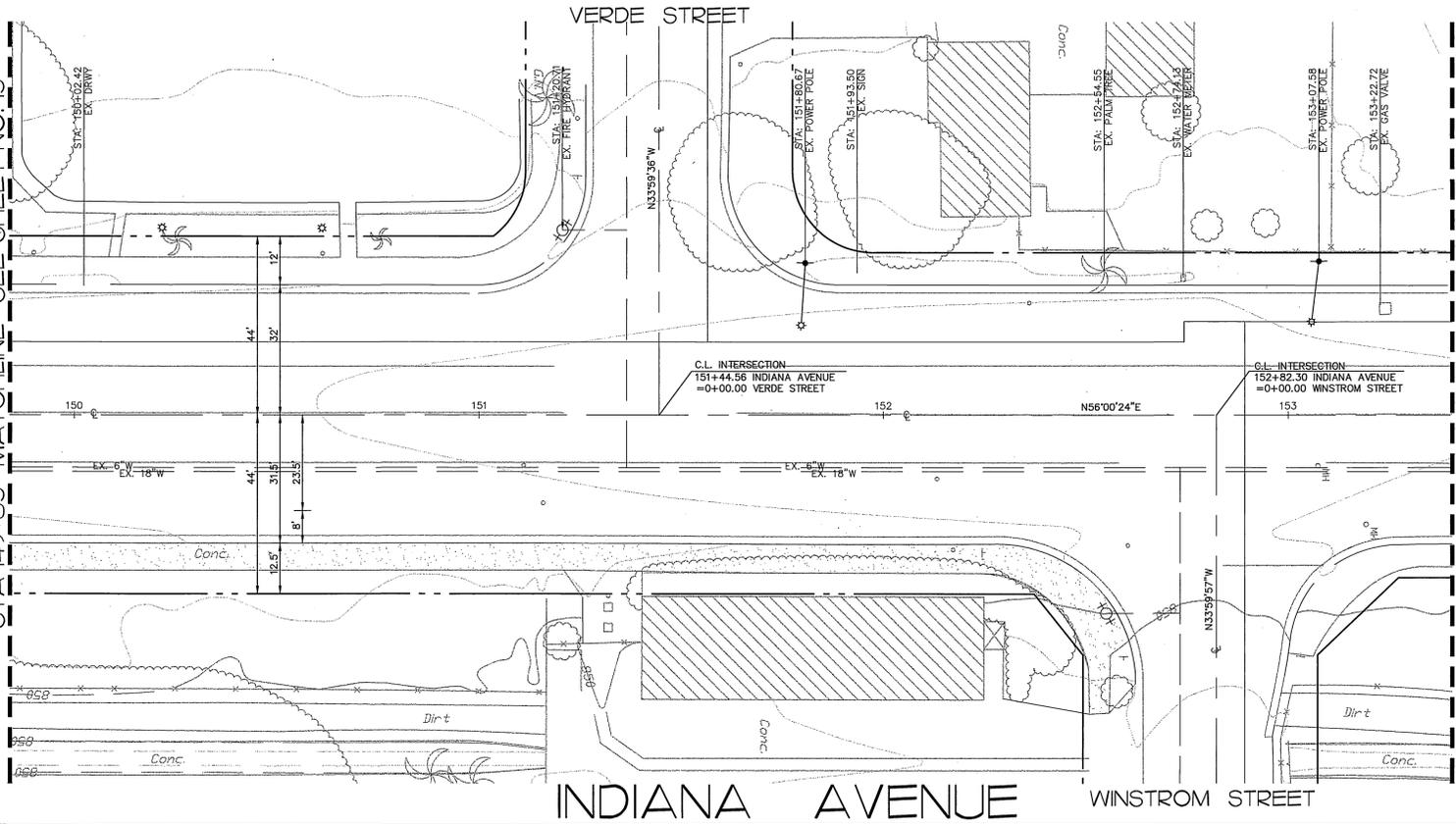
INDEXED 12-26-01 GfH

STA 149+85 MATCHLINE SEE SHEET NO. 15

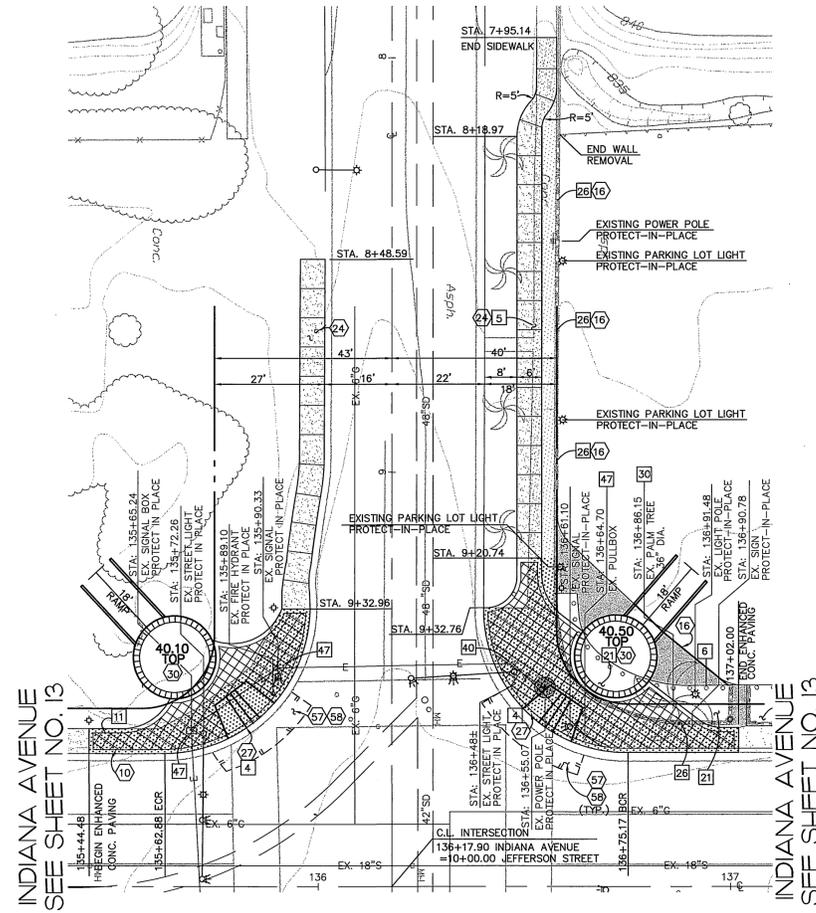


153+40.00 END OF INDIANA AVENUE IMPROVEMENTS

STA 149+85 MATCHLINE SEE SHEET NO. 15



153+40.00 END OF INDIANA AVENUE IMPROVEMENTS



INDIANA AVENUE  
SEE SHEET NO. 13

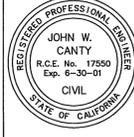
INDIANA AVENUE  
SEE SHEET NO. 13

JEFFERSON STREET  
SEE SHEET NO. 31

- NOTE:**  
SEE SHEET NO. 3 FOR CONSTRUCTION NOTES
- CONSTRUCTION LEGEND**
- INDICATES NEW PLANTING AREAS (2) 4
  - INDICATES NEW A.C. PAVING (3)
  - INDICATES CONC. AND SIDEWALK REMOVAL (5)
  - INDICATES ENHANCED CONCRETE PAVING (25)

Underground Service Alert  
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PREPARED UNDER THE DIRECTION OF:  
*John W. Canty*  
JOHN W. CANTY, PE  
REGISTERED CIVIL ENGINEER NO. 17550  
EXPIRATION DATE: 6-30-01 DATE: 11/6/97  
CITY OF RIVERSIDE  
PUBLIC UTILITIES DEPARTMENT-WATER  
*Richard L. Dardik* 11/12/97  
APPROVED BY  
VOID ONE YEAR FROM THIS DATE

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CIVIL ENGINEERING - PLANNING - SURVEYING  
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DATE: JULY 1997

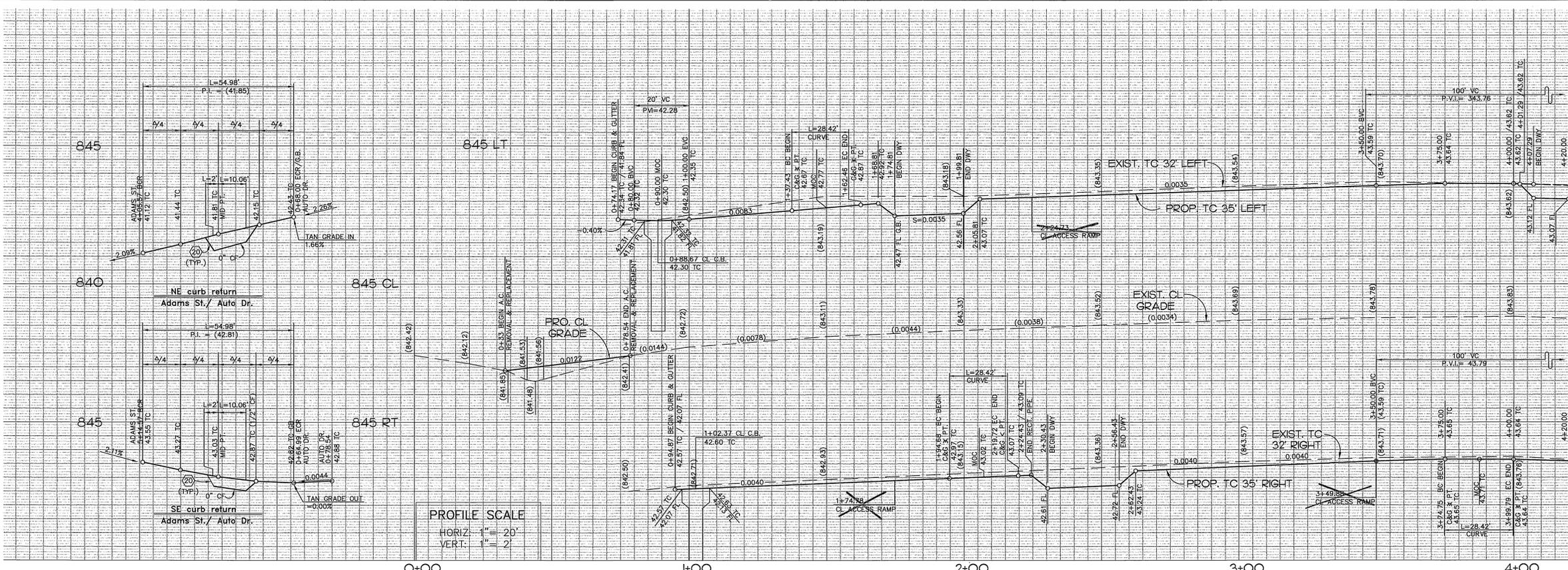
MARK	REVISIONS	APPR.	DATE

DESIGNED BY: PC/DLD DRAWN BY: GEG/SLB CHECKED BY: DLD/JWC

**CITY OF RIVERSIDE**  
DEPARTMENT OF PUBLIC WORKS  
APPROVED BY: *R. McBeath*  
R. McBeath  
DIRECTOR OF PUBLIC WORKS  
DATE: 10-19-98

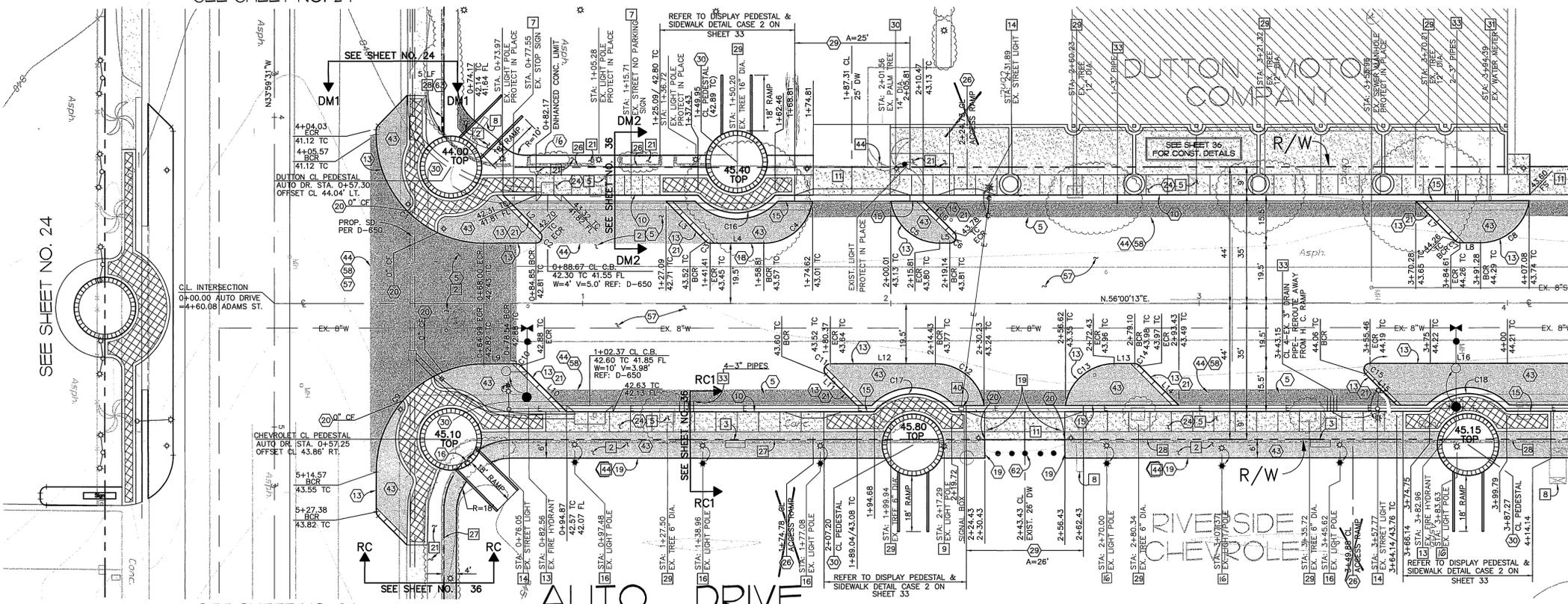
IN THE CITY OF RIVERSIDE, COUNTY OF RIVERSIDE  
STATE OF CALIFORNIA  
**AUTO CENTER RENOVATION PLAN**  
STREET IMPROVEMENT PLAN  
**INDIANA AVENUE**  
STA. 149+85 TO STA. 153+40.00±  
PROJECT NO. R-3471  
SHEET 16 OF 43  
FOR: RIVERSIDE AUTO CENTER ASSESSMENT DISTRICT  
FILE NO.: 1036-003

INDEXED 12-26-01 LFT



STA 4+20 MATCHLINE SEE SHEET NO. 18

ADAMS STREET  
SEE SHEET NO. 24



STA 4+20 MATCHLINE SEE SHEET NO. 18

LINE	DIRECTION	DISTANCE
L1	N56°00'13"E	16.84
L2	N78°59'47"W	17.09
L3	N78°59'47"W	18.26
L4	N56°00'13"E	17.40
L5	N56°00'13"E	3.33
L6	N78°59'47"W	14.26
L7	N78°59'47"W	18.26
L8	N56°00'13"E	6.67
L9	N56°00'13"E	13.55
L10	N78°59'47"W	21.09
L11	N78°59'47"W	14.26
L12	N56°00'13"E	34.06
L13	N56°00'13"E	6.67
L14	N78°59'47"W	14.26
L15	N78°59'47"W	17.09
L16	N56°00'13"E	64.01

CURVE	DELTA	RADIUS	LENGTH	TANGENT
C1	90°00'16"	35.00	54.98	35.00'
C2	135°00'00"	2.00	4.71	4.83'
C3	45°00'00"	2.00	1.57	0.83'
C4	81°00'39"	16.00	22.62	13.67'
C5	81°00'39"	16.00	22.62	13.67'
C6	135°00'00"	2.00	4.71	4.83'
C7	45°00'00"	2.00	1.57	0.83'
C8	81°00'39"	16.00	22.62	13.67'
C9	89°59'44"	35.00	54.98	35.00'
C10	45°00'00"	2.00	1.57	0.83'
C11	135°00'00"	2.00	4.71	4.83'
C12	81°00'39"	16.00	22.62	13.67'
C13	81°00'39"	16.00	22.62	13.67'
C14	45°00'00"	2.00	1.57	0.83'
C15	135°00'00"	2.00	4.71	4.83'
C16	98°41'17"	16.50	28.42	19.21'
C17	98°41'17"	16.50	28.42	19.21'
C18	98°41'17"	16.50	28.42	19.21'

**NOTE:**  
SEE SHEET NO. 3 FOR CONSTRUCTION NOTES

**CONSTRUCTION LEGEND**

- INDICATES NEW PLANTING AREAS (5) [2] [4] (3)
- INDICATES NEW A.C. PAVING (5) [2]
- INDICATES ENHANCED CONCRETE PAVING (25)
- INDICATES NEW CONC. SIDEWALK OR DRIVEWAY (2) [28] [29] [45] [5]

Underground Service Alert  
Call: TOLL FREE  
1-800-227-2600  
TWO WORKING DAYS BEFORE YOU DIG

**PRIVATE ENGINEERING NOTE**  
CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES...  
JOHN W. CANTY  
R.C.E. No. 17550  
Exp. 6-30-01  
CIVIL

PREPARED UNDER THE DIRECTION OF:  
JOHN W. CANTY, PE  
REGISTERED CIVIL ENGINEER No. 17550  
EXPIRATION DATE: 6-30-01 DATE: 11/16/97  
CITY OF RIVERSIDE  
PUBLIC UTILITIES DEPARTMENT-WATER  
APPROVED BY: Richard J. Ornduff 11/16/97  
VOID ONE YEAR FROM THIS DATE

**CEG CANTY ENGINEERING GROUP, INC.**  
CIVIL ENGINEERING - PLANNING - SURVEYING  
3120 CHICAGO AVENUE, SUITE 180, P.O. BOX 52050, RIVERSIDE, CA 92571  
TEL (909) 683-5234 FAX (909) 683-5301  
SCALE: 1"=20'  
BENCH MARK: RIV. CO. BM 601-21-68, CALTRANS BRASS DISK SET IN CONC. WELL LOCATED IN CENTERLINE OF MONROE STREET 40' NW OF INDIANA AVENUE  
DATE: JULY 1997 ELEVATION: 810.933

**CITY OF RIVERSIDE**  
DEPARTMENT OF PUBLIC WORKS  
APPROVED BY: [Signature]  
PRINCIPAL ENGR. [Signature]  
PARK DEPARTMENT [Signature]  
TRAFFIC DIVISION [Signature]  
CHIEF P.W. ENGR. [Signature]

**CITY OF RIVERSIDE**  
DEPARTMENT OF PUBLIC WORKS  
APPROVED BY: [Signature]  
DIRECTOR OF PUBLIC WORKS  
DATE: 10-19-98

IN THE CITY OF RIVERSIDE, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA  
**AUTO CENTER RENOVATION PLAN R-3471**  
STREET IMPROVEMENT PLAN  
AUTO DRIVE  
STA. 0+00 TO STA. 4+20  
SHEET 17 OF 43  
FOR: RIVERSIDE AUTO CENTER ASSESSMENT DISTRICT  
FILE NO.: 1036-003

INDEXED 12-26-01 fth



SCALE 1"=20'

LINE	DIRECTION	DISTANCE
L1	N56°00'13"E	42.18'
L2	N78°59'47"W	17.09'
L3	N78°59'47"W	21.09'
L4	N56°00'13"E	12.45'
L5	N11°00'10"E	28.21'
L6	N78°59'50"W	28.22'
L7	N56°00'13"E	16.98'
L8	N78°59'47"W	17.09'
L9	N78°59'47"W	18.26'
L10	N56°00'13"E	1.67'
L11	N56°00'13"E	3.18'
L12	N78°59'47"W	14.26'
L13	N78°59'47"W	18.18'
L14	N78°59'47"W	17.09'
L15	N56°00'13"E	10.85'
L16	N78°58'51"W	28.19'
L17	N11°01'09"E	44.39'
L18	N56°00'13"E	9.09'
L19	N33°59'47"W	6.00'
L20	N56°00'13"E	8.54'
L21	N78°59'47"W	18.26'
L22	N78°59'47"W	14.26'
L23	N56°00'13"E	6.61'
L24	N56°00'13"E	14.63'
L25	N78°59'47"W	21.09'

CURVE	DELTA	RADIUS	LENGTH	TANGENT
C1	90°00'00"	16.00'	25.13'	16.00'
C2	135°00'00"	2.00'	4.71'	4.83'
C3	45°00'00"	2.00'	1.57'	0.83'
C4	45°00'00"	35.00'	27.49'	14.50'
C5	44°59'57"	35.00'	27.49'	14.50'
C6	135°00'00"	2.00'	4.71'	4.83'
C7	45°00'00"	2.00'	1.57'	0.83'
C8	81°00'39"	16.00'	22.62'	13.67'
C9	81°00'39"	16.00'	22.62'	13.67'
C10	135°00'00"	2.00'	4.71'	4.83'
C11	81°00'39"	16.00'	22.62'	13.67'
C12	75°00'02"	16.00'	21.71'	12.46'
C13	50°11'36"	2.00'	1.75'	0.94'
C14	135°00'00"	2.00'	4.71'	4.83'
C15	45°00'58"	35.00'	27.50'	14.50'
C16	44°59'04"	35.00'	27.49'	14.50'
C17	90°00'00"	16.00'	25.13'	16.00'
C18	81°00'39"	16.00'	22.62'	13.67'
C19	45°00'00"	2.00'	1.57'	0.83'
C20	135°00'00"	16.00'	21.71'	12.46'
C21	81°00'39"	16.00'	22.62'	13.67'
C22	90°00'00"	16.00'	25.13'	16.00'
C23	45°00'00"	2.00'	1.57'	0.83'
C24	98°41'17"	16.50'	28.42'	19.21'
C25	98°41'17"	16.50'	28.42'	19.21'

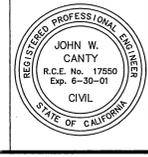
**NOTE:**  
SEE SHEET NO. 3 FOR CONSTRUCTION NOTES

**CONSTRUCTION LEGEND**

- INDICATES NEW PLANTING AREAS [5] [2] [4] [3]
- INDICATES NEW A.C. PAVING [5] [2] [4] [5]
- INDICATES ENHANCED CONCRETE PAVING [2] [5]
- INDICATES PAVERS [3] [4]
- INDICATES NEW CONC. SIDEWALK OR DRIVEWAY [2] [4] [2] [5] [5]

**PRIVATE ENGINEERING NOTE**

CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS PRIOR TO COMMENCEMENT OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY, THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OR DESIGN PROFESSIONAL



PREPARED UNDER THE DIRECTION OF:  
*John W. Canty*  
JOHN W. CANTY  
REGISTERED CIVIL ENGINEER  
R.C.E. No. 17550  
Exp. 6-30-01  
CIVIL

APPROVED BY:  
*Richard J. Duda* 11/12/97  
RICHARD J. DUDA  
REGISTERED CIVIL ENGINEER  
R.C.E. No. 17550  
Exp. 6-30-01  
CIVIL

VOID ONE YEAR FROM THIS DATE

**CEG** CANTY ENGINEERING GROUP, INC.  
CIVIL ENGINEERING - PLANNING - SURVEYING  
3120 CHICAGO AVENUE, SUITE 180, P.O. BOX 52050, RIVERSIDE, CA 92517  
TEL (909) 683 - 5234 FAX (909) 683 - 5301

SCALE: 1"=20'  
BENCH MARK: RIV. CO. BM 601-21-68, CALTRANS BRASS DISK SET IN CONC. WELL LOCATED IN CENTERLINE OF MONROE STREET 40' NW OF INDICATED AVENUE ELEVATION: 810.933

MARK	REVISIONS	APPR.	DATE

DESIGNED BY: P.C. DRAWN BY: S.L.B. CHECKED BY: D.L.D./J.W.C. CHIEF P. ENGR.

**CITY OF RIVERSIDE**  
DEPARTMENT OF PUBLIC WORKS

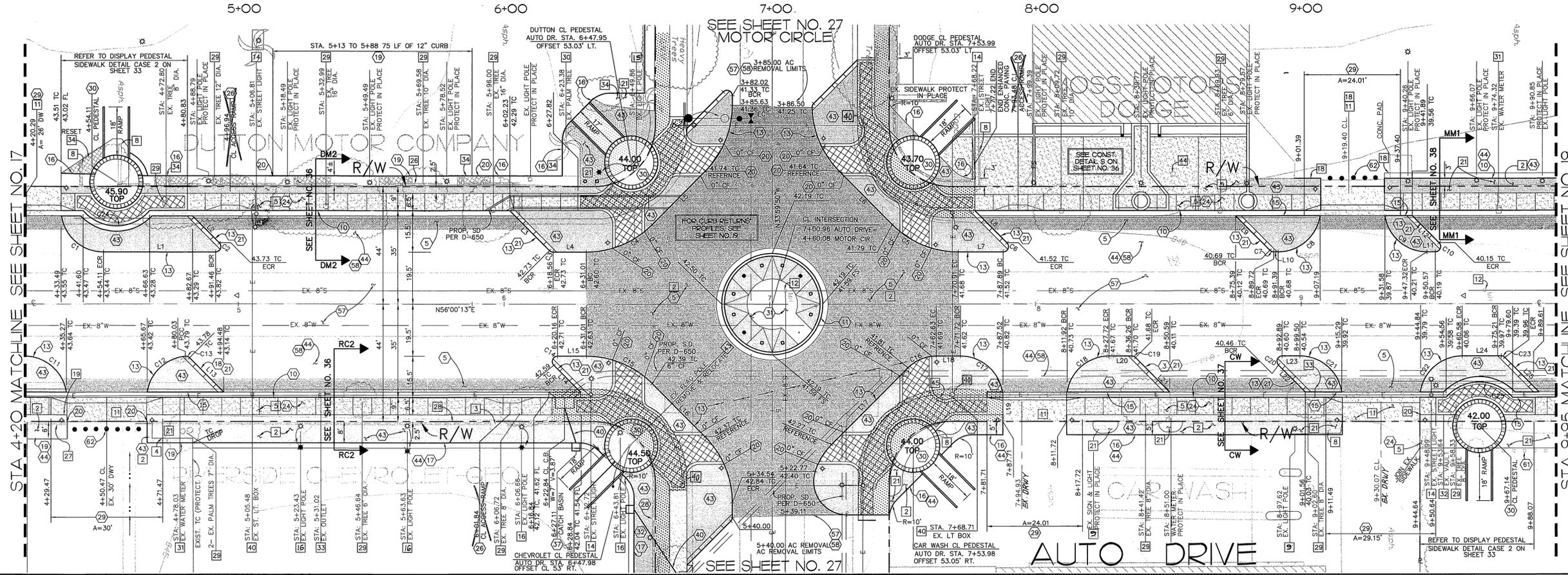
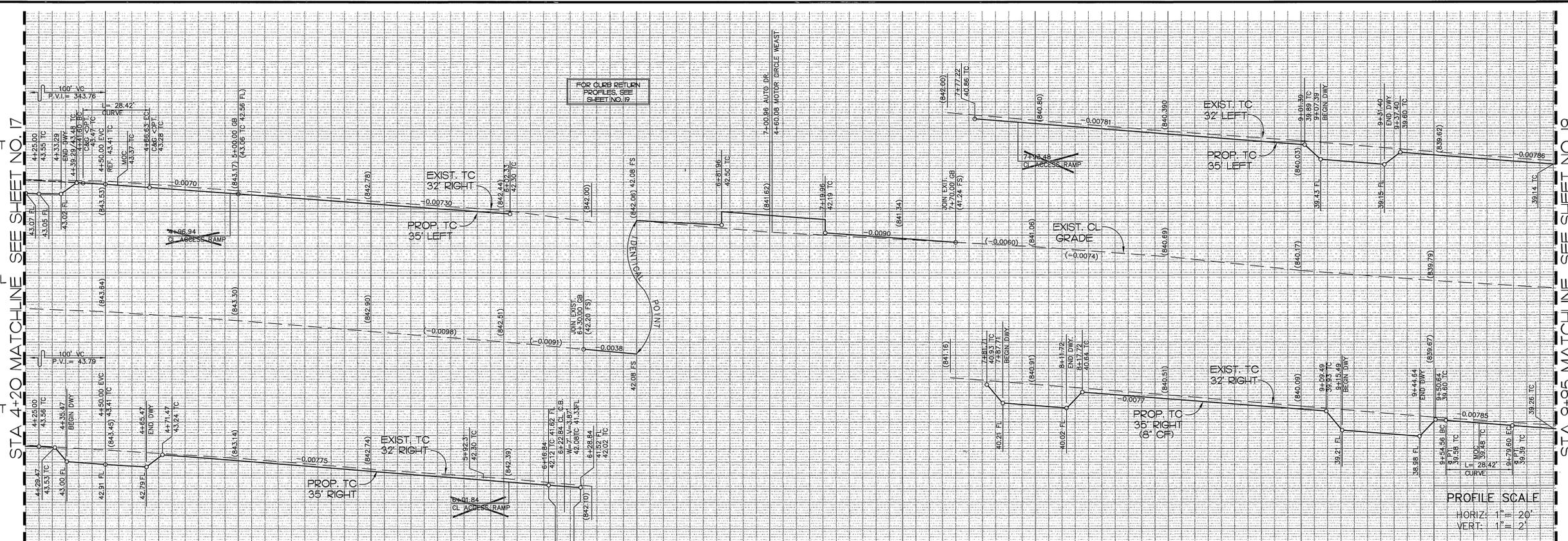
APPROVED BY: *R.M. Bratt*  
R.M. BRATT  
DIRECTOR OF PUBLIC WORKS

DATE: 10-1-1998

IN THE CITY OF RIVERSIDE, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA

**AUTO CENTER RENOVATION PLAN**  
STREET IMPROVEMENT PLAN  
AUTO DRIVE  
STA. 4+20 TO STA. 9+95

PROJECT NO. R-3471  
SHEET 18 OF 43  
FOR: RIVERSIDE AUTO CENTER ASSESSMENT DISTRICT FILE NO.: 1036-003

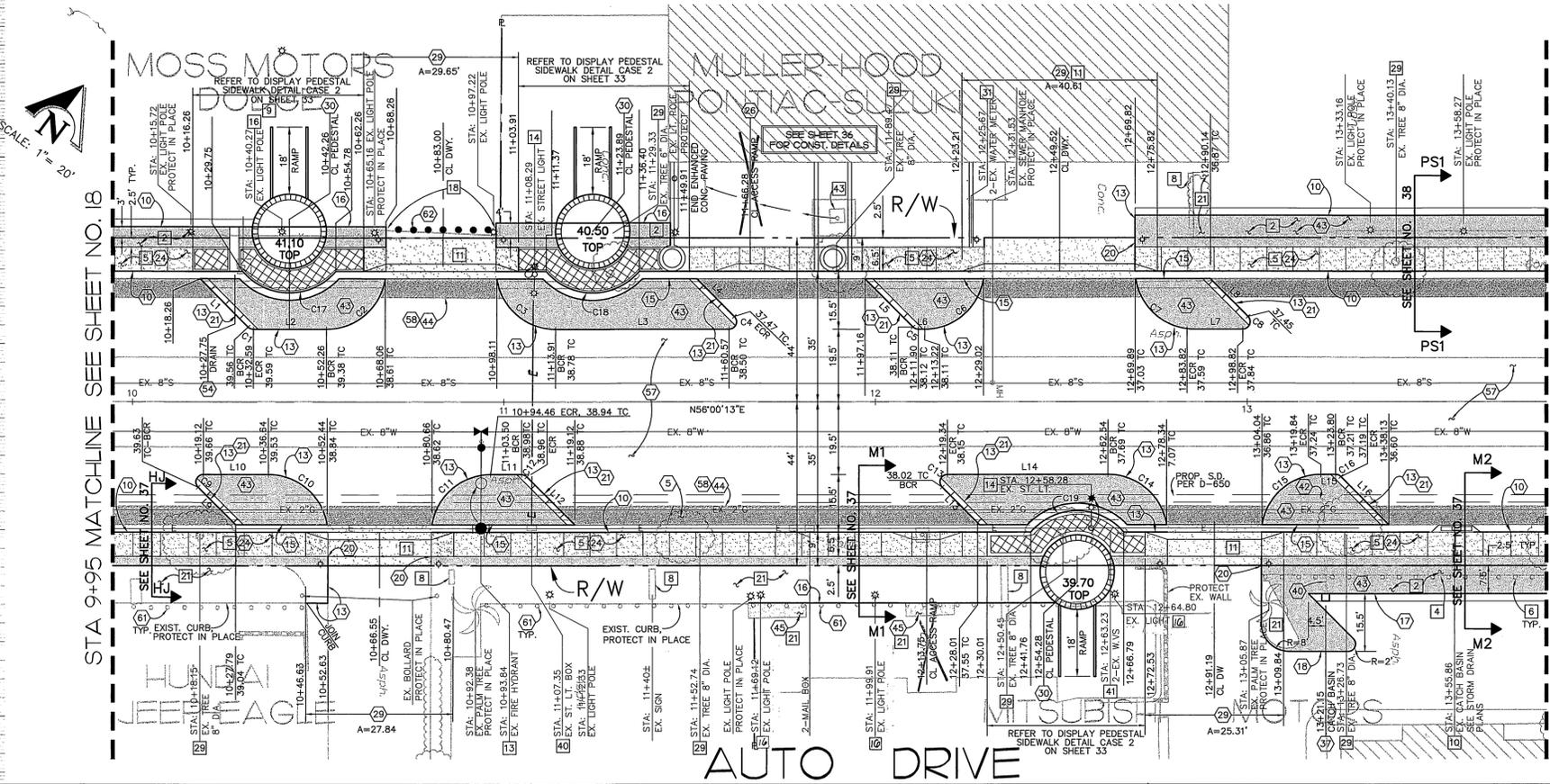
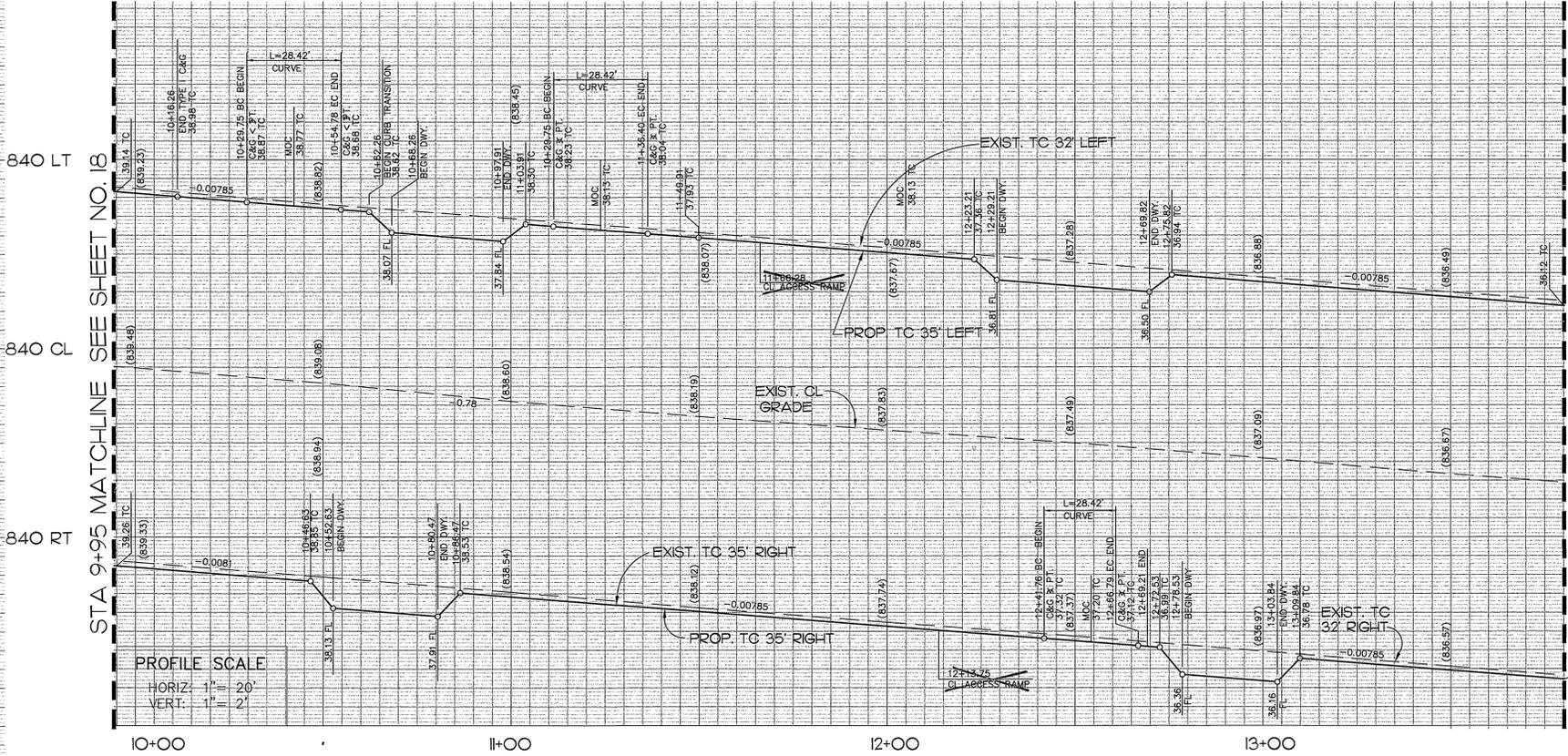
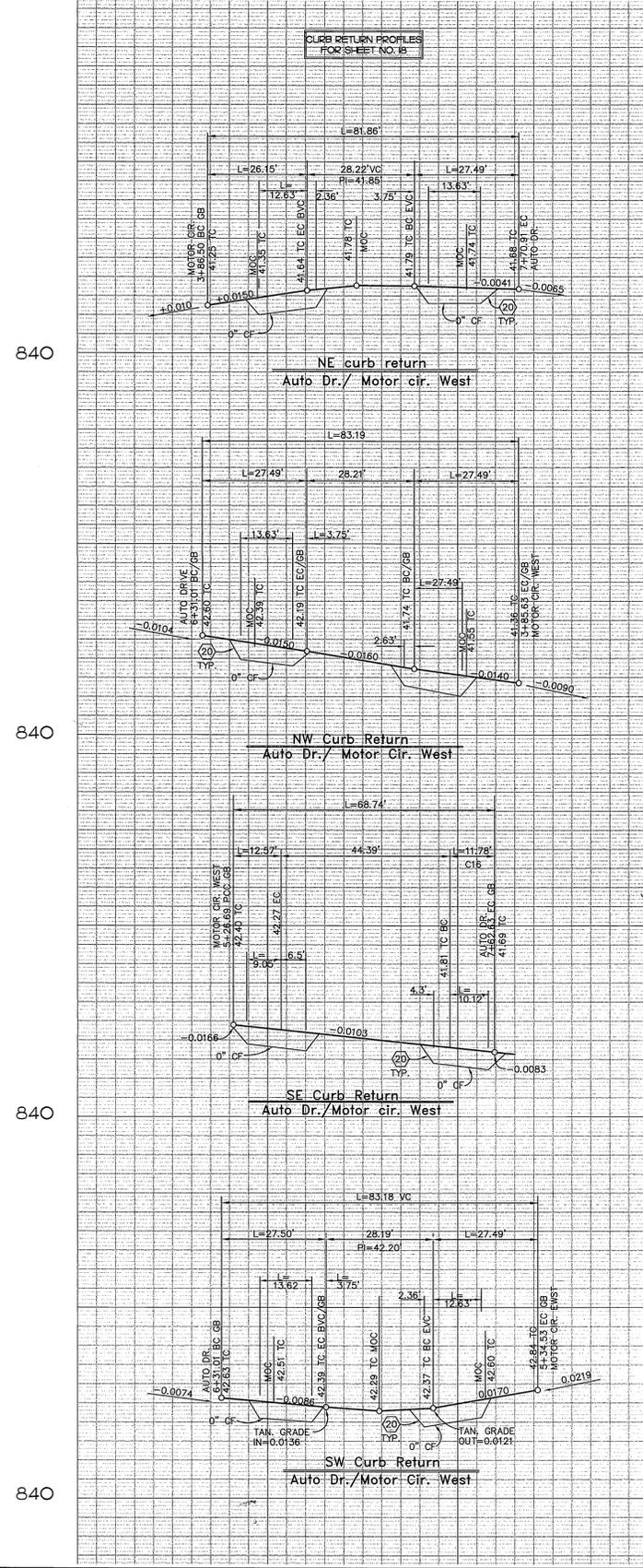


STA 4+20 MATCHLINE SEE SHEET NO. 17

STA 9+95 MATCHLINE SEE SHEET NO. 19

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

INDEXED 12-26-01 LKH



840 LT

840 CL

840 RT

LINE	DIRECTION	DISTANCE
L1	N78°59'47" W	18.26'
L2	N56°00'13" E	19.68'
L3	N56°00'13" E	46.67'
L4	N78°59'47" W	14.27'
L5	N78°59'47" W	18.26'
L6	N56°00'13" E	1.72'
L7	N56°00'13" E	15.01'
L8	N78°59'47" W	14.26'
L9	N78°59'47" W	14.26'
L10	N56°00'13" E	17.52'
L11	N56°00'13" E	8.33'
L12	N78°59'47" W	18.26'
L13	N78°59'47" W	14.26'
L14	N56°00'13" E	43.20'
L15	N56°00'13" E	3.96'
L16	N78°59'47" W	18.26'

CURVE	DELTA	RADIUS	LENGTH	TANGENT
C1	45°00'00"	2.00	1.57	0.83
C2	81°00'39"	16.00	22.62	13.67
C3	81°00'39"	16.00	22.62	13.67
C4	135°00'00"	2.00	4.71	4.83
C5	44°58'39"	2.00	1.57	0.83
C6	81°00'39"	16.00	22.62	13.67
C7	81°00'39"	14.00	21.50	13.52
C8	135°00'00"	2.00	4.71	4.83
C9	135°00'00"	2.00	4.71	4.83
C10	81°00'39"	16.00	22.62	13.67
C11	81°00'39"	16.00	22.62	13.67
C12	45°00'00"	2.00	1.57	0.83
C13	135°00'00"	2.00	4.71	4.83
C14	81°00'39"	16.00	22.62	13.67
C15	81°00'39"	16.00	22.62	13.67
C16	45°00'00"	2.00	1.57	0.83
C17	98°41'17"	16.50	28.42	19.21
C18	98°41'17"	16.50	28.42	19.21
C19	98°41'17"	16.50	28.42	19.21

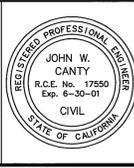
**NOTE:**  
SEE SHEET NO. 3 FOR CONSTRUCTION NOTES

**CONSTRUCTION LEGEND**

- INDICATES NEW PLANTING AREA (2)(4)(3)
- INDICATES NEW A.C. PAVING (5)(2)(4)(5)
- INDICATES ENHANCED CONCRETE PAVING (25)
- INDICATES NEW CONC. SIDEWALK OR DRIVEWAY (23)(29)(45)(5)

Underground Service Alert  
Call: TOLL FREE  
1 - 800  
227-2600  
TWO WORKING DAYS BEFORE YOU DIG

**PRIVATE ENGINEERING NOTE**  
CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES...  
APPROVED BY: *Richard D. Dierbeck* 11/19/97



PREPARED UNDER THE DIRECTION OF:  
*John W. Canty*  
JOHN W. CANTY, PE  
REGISTERED CIVIL ENGINEER NO. 17550  
EXPIRATION DATE: 6-30-01  
CITY OF RIVERSIDE  
PUBLIC UTILITIES DEPARTMENT - WATER

**CEG** CANTY ENGINEERING GROUP, INC.  
CIVIL ENGINEERING - PLANNING - SURVEYING  
3120 CHICAGO AVENUE, SUITE 180, P.O. BOX 52050, RIVERSIDE, CA 92517  
TEL (909) 683 - 5234 FAX (909) 683 - 5301

SCALE: 1" = 20'  
DATE: JULY 1997

**CITY OF RIVERSIDE**  
DEPARTMENT OF PUBLIC WORKS

APPROVED BY: *R. Mc Guath*  
R. Mc Guath  
DIRECTOR OF PUBLIC WORKS

DATE: 10-19-98

IN THE CITY OF RIVERSIDE, COUNTY OF RIVERSIDE  
STATE OF CALIFORNIA

**AUTO CENTER RENOVATION PLAN R-3471**  
STREET IMPROVEMENT PLAN:  
AUTO DRIVE  
STA. 9+95 TO STA. 13+80

FOR: RIVERSIDE AUTO CENTER ASSESSMENT DISTRICT  
FILE NO.: 1036-003

PROJECT NO. R-3471  
SHEET 19 OF 43  
DATE: 10-19-98

INDEXED 12-26-01 4H

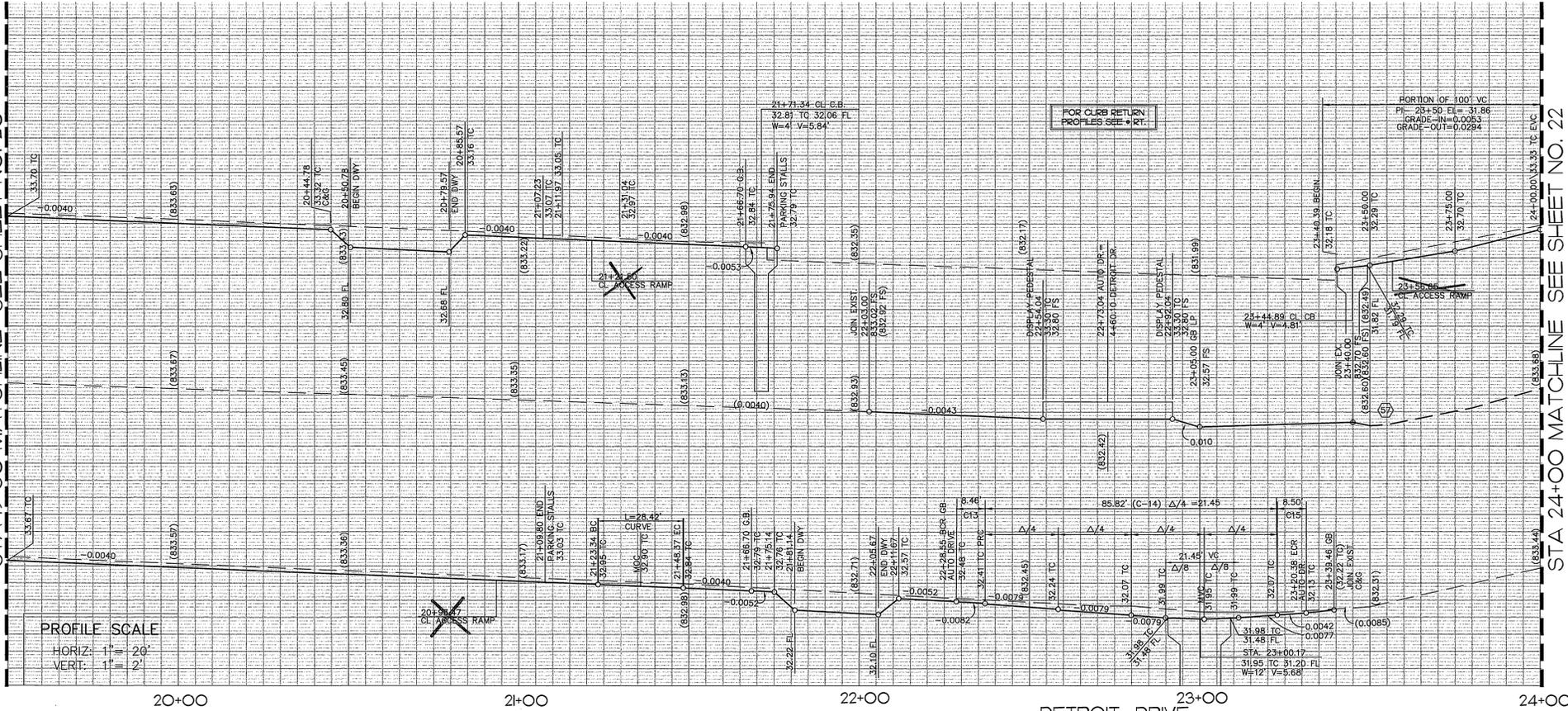


STA 19+50 MATCHLINE SEE SHEET NO. 20

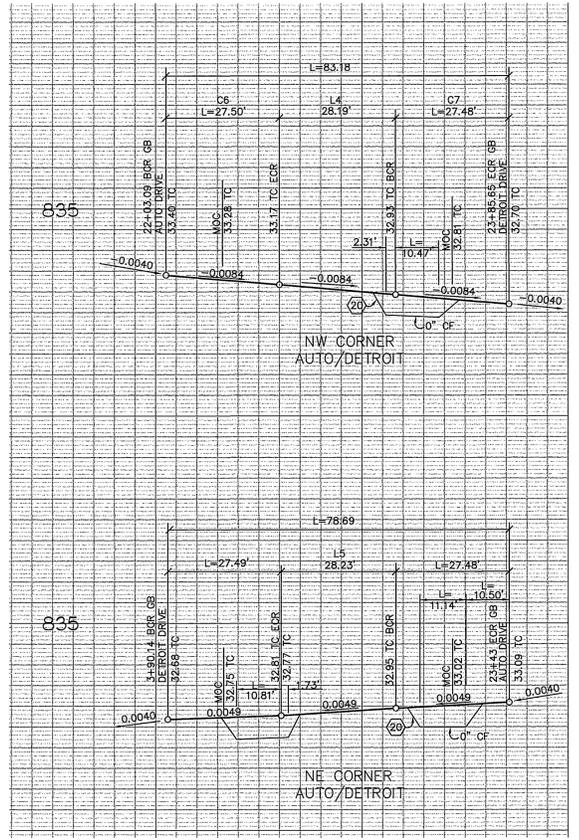
835 LT

835 CL

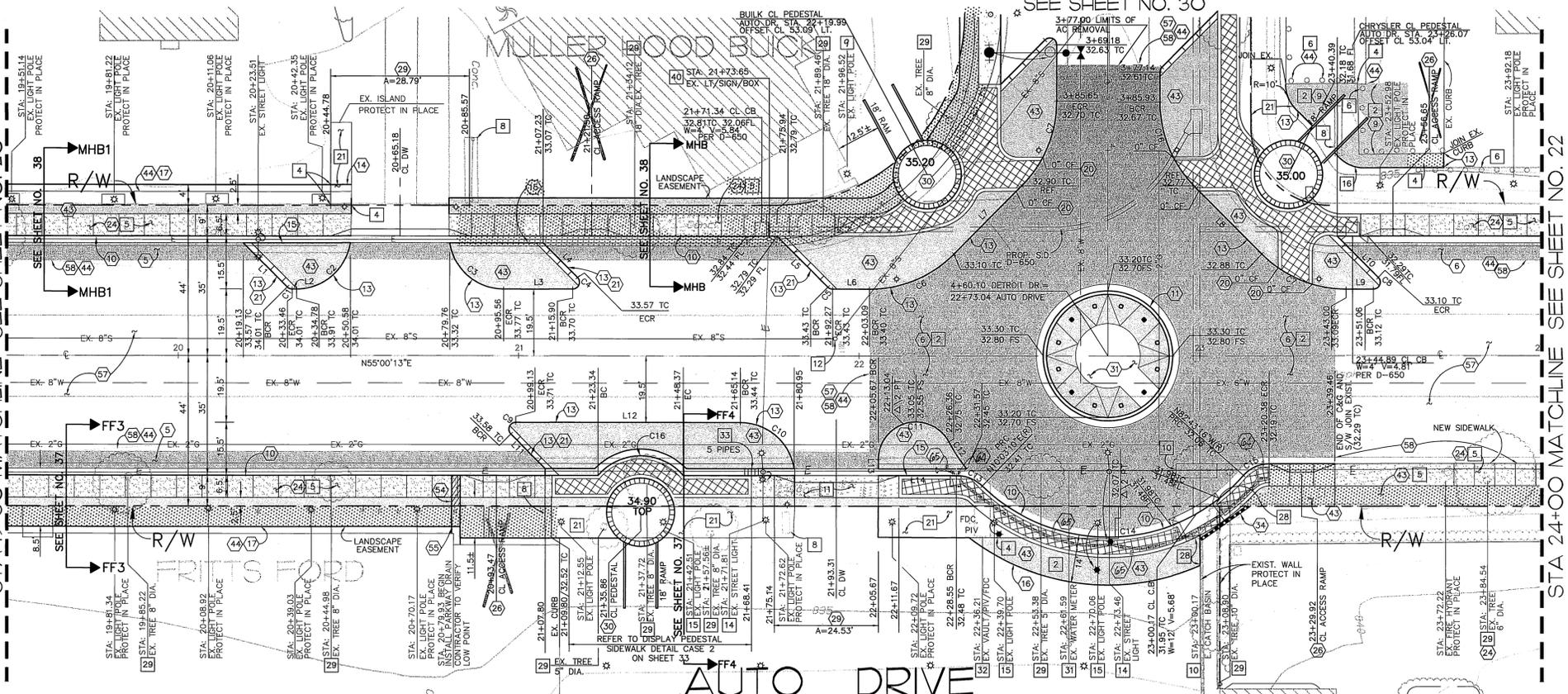
835 RT



STA 24+00 MATCHLINE SEE SHEET NO. 22



STA 19+50 MATCHLINE SEE SHEET NO. 20



STA 24+00 MATCHLINE SEE SHEET NO. 22

LINE	DIRECTION	DISTANCE
L1	N78°59'47" W	18.27'
L2	N56°00'13" E	1.32'
L3	N56°00'13" E	20.34'
L4	N78°59'47" W	14.26'
L5	N78°59'47" W	21.09'
L6	N56°00'13" E	10.83'
L7	N78°59'47" W	28.19'
L8	N79°00'23" W	27.82'
L9	N56°00'13" E	8.06'
L10	N78°59'47" W	17.09'
L11	N78°59'47" W	14.26'
L12	N56°00'13" E	66.02'
L13	N33°59'47" W	2.70'
L14	N56°00'13" E	22.88'

CURVE	DELTA	RADIUS	LENGTH	TANGENT
C1	45°00'00"	2.00'	1.57'	0.83'
C2	81°02'08"	16.00'	22.83'	13.67'
C3	81°02'08"	16.00'	22.83'	13.67'
C4	135°00'00"	2.00'	4.71'	4.83'
C5	45°00'00"	2.00'	1.57'	0.83'
C6	45°00'36"	35.00'	27.50'	14.50'
C7	48°59'24"	35.00'	27.48'	14.48'
C8	135°00'00"	2.00'	4.71'	4.83'
C9	135°00'00"	2.00'	4.71'	4.83'
C10	81°02'08"	16.00'	22.82'	13.67'
C11	151°44'50"	11.00'	28.13'	43.71'
C12	101°15'21"	53.00'	9.49'	4.76'
C13	44°02'57"	11.00'	8.46'	4.45'
C14	92°48'28"	53.00'	85.82'	55.63'
C15	48°40'53"	13.00'	8.50'	4.52'
C16	45°00'34"	35.00'	27.49'	14.50'

**NOTE:**

SEE SHEET NO. 3 FOR CONSTRUCTION NOTES

**CONSTRUCTION LEGEND**

- INDICATES NEW PLANTING AREAS (2)(43)
- INDICATES NEW A.C. PAVING (5)(6)(2)(4)(5)
- INDICATES CONC. AND SIDEWALK REMOVAL (5)
- INDICATES ENHANCED CONCRETE PAVING (25)
- INDICATES NEW CONC. SIDEWALK OR DRIVEWAY (2)(29)(5)

Underground Service Alert  
Call: TOLL FREE  
1-800-227-2600  
TWO WORKING DAYS BEFORE YOU DIG

**PRIVATE ENGINEERING NOTE**  
CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THAT THIS REQUIREMENT SHALL BE MADE TO APPLY TO ALL CONTRACTORS AND NOT BE LIMITED TO INDIVIDUAL WORKING INDIVIDUALLY. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL CLAIMS, DAMAGES, LOSSES AND EXPENSES, INCLUDING REASONABLE ATTORNEY'S FEES, ARISING FROM THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF DESIGN PROFESSIONAL.

REGISTERED PROFESSIONAL ENGINEER  
**JOHN W. CANTY**  
R.C.E. No. 17550  
CIVIL  
STATE OF CALIFORNIA

PREPARED UNDER THE DIRECTION OF:  
*John W. Canty*  
JOHN W. CANTY, PE  
REGISTERED CIVIL ENGINEER NO. 17550  
EXPIRATION DATE: 6-30-01 DATE: 11/1/97  
CITY OF RIVERSIDE  
PUBLIC UTILITIES DEPARTMENT-WATER  
*Richard J. Decker* 11/1/97  
APPROVED BY: DATE: 11/1/97  
VOID ONE YEAR FROM THIS DATE

**CEG** CANTY ENGINEERING GROUP, INC.  
CIVIL ENGINEERING - PLANNING - SURVEYING  
3120 CHICAGO AVENUE, SUITE 180, P.O. BOX 52050, RIVERSIDE, CA 92517  
TEL (909) 683-5234 FAX (909) 683-5301

SCALE: 1"=20'  
DATE: JULY 1997

BENCH MARK: RIV. CO. BM 601-21-68, CALTRANS BRASS DISK SET IN CONC. WELL LOCATED IN CENTERLINE OF MONROE STREET 40' NW OF INDIANA AVENUE  
ELEVATION: 810.933

MARK REVISIONS APPR. DATE  
DESIGNED BY: P.C. DRAWN BY: S.L.B. CHECKED BY: D.L.D./J.W.C.

CITY OF RIVERSIDE  
DEPARTMENT OF PUBLIC WORKS

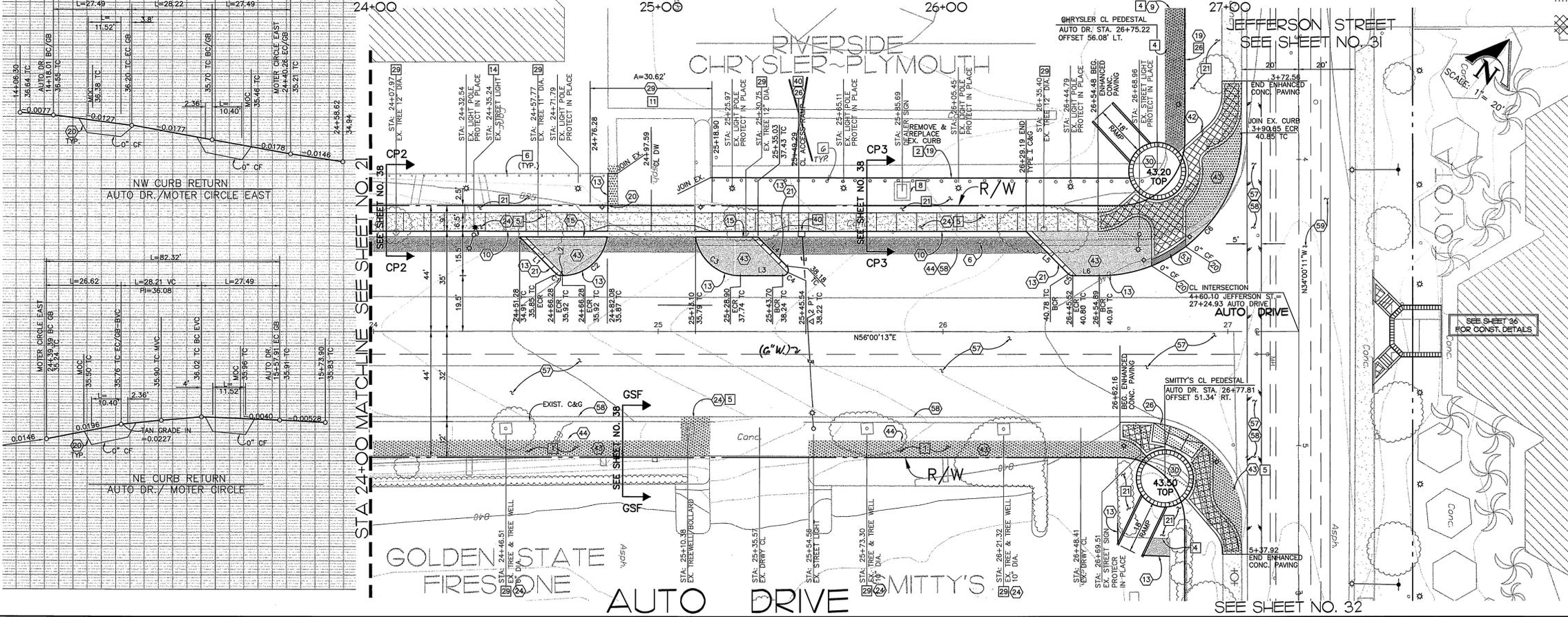
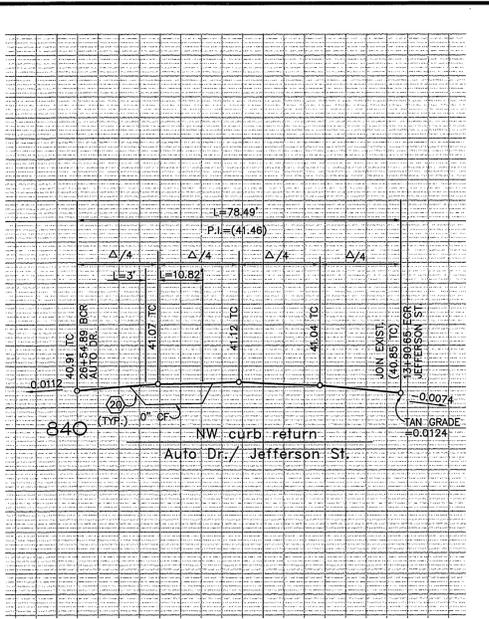
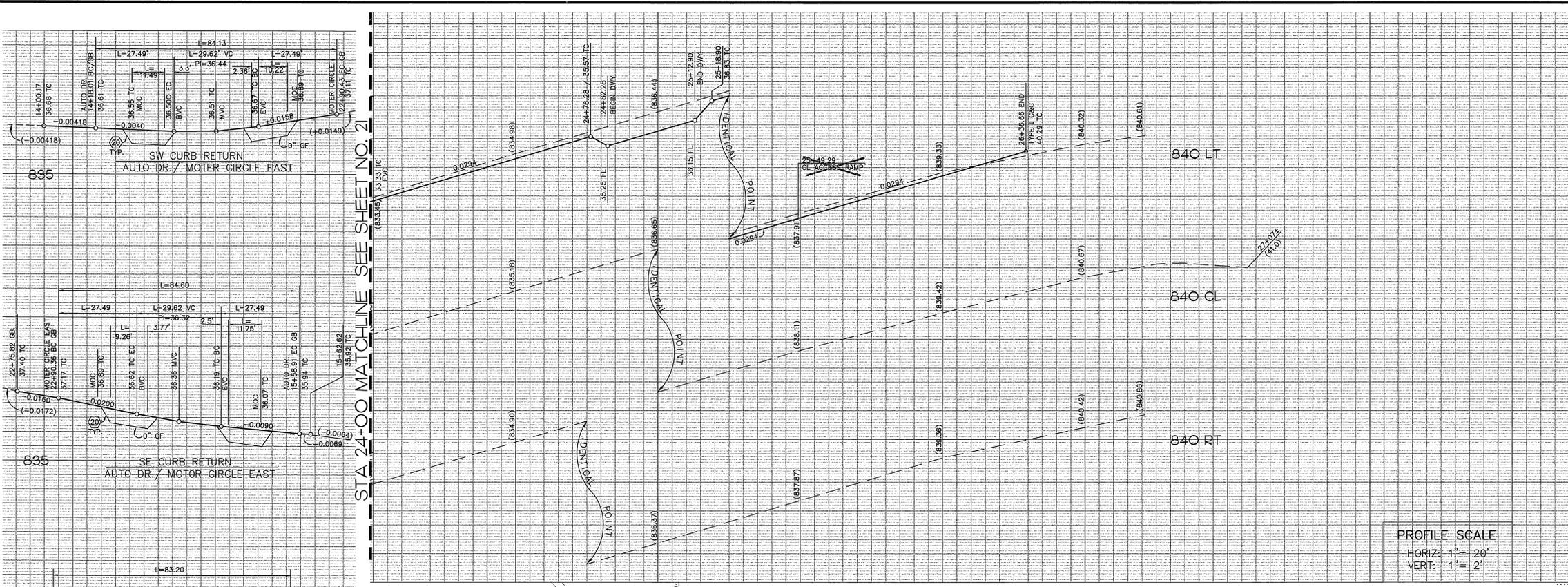
APPROVED BY: *R.M. Smith*  
R.M. Smith  
DIRECTOR OF PUBLIC WORKS  
DATE: 10-19-98

IN THE CITY OF RIVERSIDE, COUNTY OF RIVERSIDE  
STATE OF CALIFORNIA

**AUTO CENTER RENOVATION PLAN** R-3471  
STREET IMPROVEMENT PLAN  
**AUTO DRIVE**  
STA. 19+50 TO STA. 24+00 SHEET 21 OF 43

FOR: RIVERSIDE AUTO CENTER ASSESSMENT DISTRICT FILE NO.: 1036-003

INDEXED 12-26-01 JPH



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

CURVE	DELTA	RADIUS	LENGTH	TANGENT
C1	45°00'00"	2.00'	1.57'	0.83'
C2	81°00'39"	16.00'	22.62'	13.67'
C3	81°00'39"	16.00'	22.62'	13.67'
C4	135°00'00"	2.00'	4.71'	4.83'
C5	45°00'00"	2.00'	1.57'	0.83'
C6	89°56'58"	50.00'	78.49'	49.95'

NOTE:  
 SEE SHEET NO. 3 FOR CONSTRUCTION NOTES

CONSTRUCTION LEGEND

[Pattern]	INDICATES NEW PLANTING AREAS	21 43
[Pattern]	INDICATES NEW A.C. PAVING	6 21 43
[Pattern]	INDICATES CONC. AND SIDEWALK REMOVAL	5
[Pattern]	INDICATES ENHANCED CONCRETE PAVING	25

Underground Service Alert  
 Call: TOLL FREE  
 1 - 800  
 227-2600  
 TWO WORKING DAYS BEFORE YOU DIG

**PRIVATE ENGINEERING NOTE**  
 CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES...  
 JOHN W. CANTY  
 REGISTERED CIVIL ENGINEER  
 R.C.E. No. 17550  
 Exp. 6-30-01  
 CIVIL

PREPARED UNDER THE DIRECTION OF:  
 JOHN W. CANTY  
 REGISTERED CIVIL ENGINEER NO. 17550  
 EXPIRATION DATE: 6-30-01 DATE: 1/16/97  
 CITY OF RIVERSIDE  
 PUBLIC UTILITIES DEPARTMENT-WATER  
 APPROVED BY: Richard D. Dushka 1/16/97  
 VOID ONE YEAR FROM THIS DATE

**CEG** CANTY ENGINEERING GROUP, INC.  
 CIVIL ENGINEERING - PLANNING - SURVEYING  
 3120 CHICAGO AVENUE, SUITE 180, P.O. BOX 52050, RIVERSIDE, CA 92517  
 TEL (909) 683 - 5234 FAX (909) 683 - 5301  
 SCALE: 1" = 20'  
 DATE: JULY 1997  
 BENCH MARK: RIV. CO. BM 601-21-68, CALTRANS BRASS DISK SET IN CONC. WELL LOCATED IN CENTERLINE OF MONROE STREET 40' NW OF INDIANA AVENUE ELEVATION: 810.933

MARK REVISIONS APPR. DATE  
 DESIGNED BY: P.C. DRAWN BY: S.L.B. CHECKED BY: D.L.D./J.W.C.

CITY OF RIVERSIDE  
 DEPARTMENT OF PUBLIC WORKS  
 APPROVED BY: [Signature] R. M. Dushka  
 DIRECTOR OF PUBLIC WORKS  
 DATE: 10-19-98

IN THE CITY OF RIVERSIDE, COUNTY OF RIVERSIDE STATE OF CALIFORNIA  
 PROJECT NO. R-3471  
 AUTO CENTER RENOVATION PLAN  
 STREET IMPROVEMENT PLAN  
 AUTO DRIVE  
 STA. 24+00 TO STA. 27+24.93  
 SHEET 22 OF 43  
 FOR: RIVERSIDE AUTO CENTER ASSESSMENT DISTRICT FILE NO.: 1036-003

INDEXED 12-26-01 fll

835 LT

835 CL

835 RT

835 LT

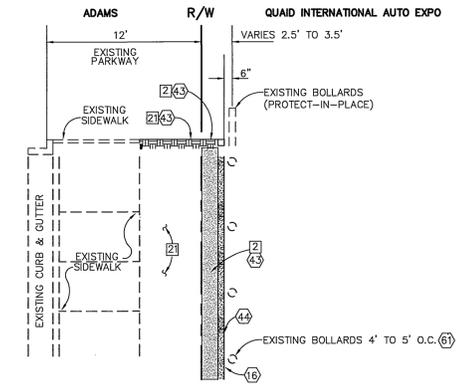
835 CL

835 RT

STA 3+50 MATCHLINE SEE SHEET NO. 24

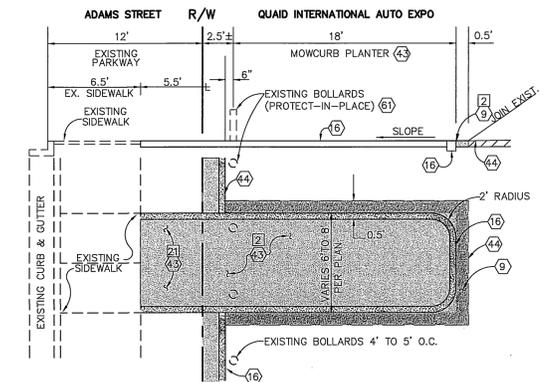
PROFILE SCALE

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



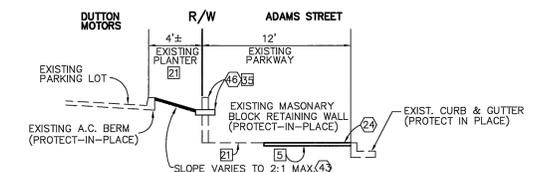
TYPICAL SECTION "Q1" (QUAID) MOWCURB PLANTER DETAIL

NTS



TYPICAL SECTION "Q2" (QUAID) MOWCURB PLANTER DETAIL

NTS



TYPICAL SECTION "DM1" (DUTTON MOTORS)

NTS



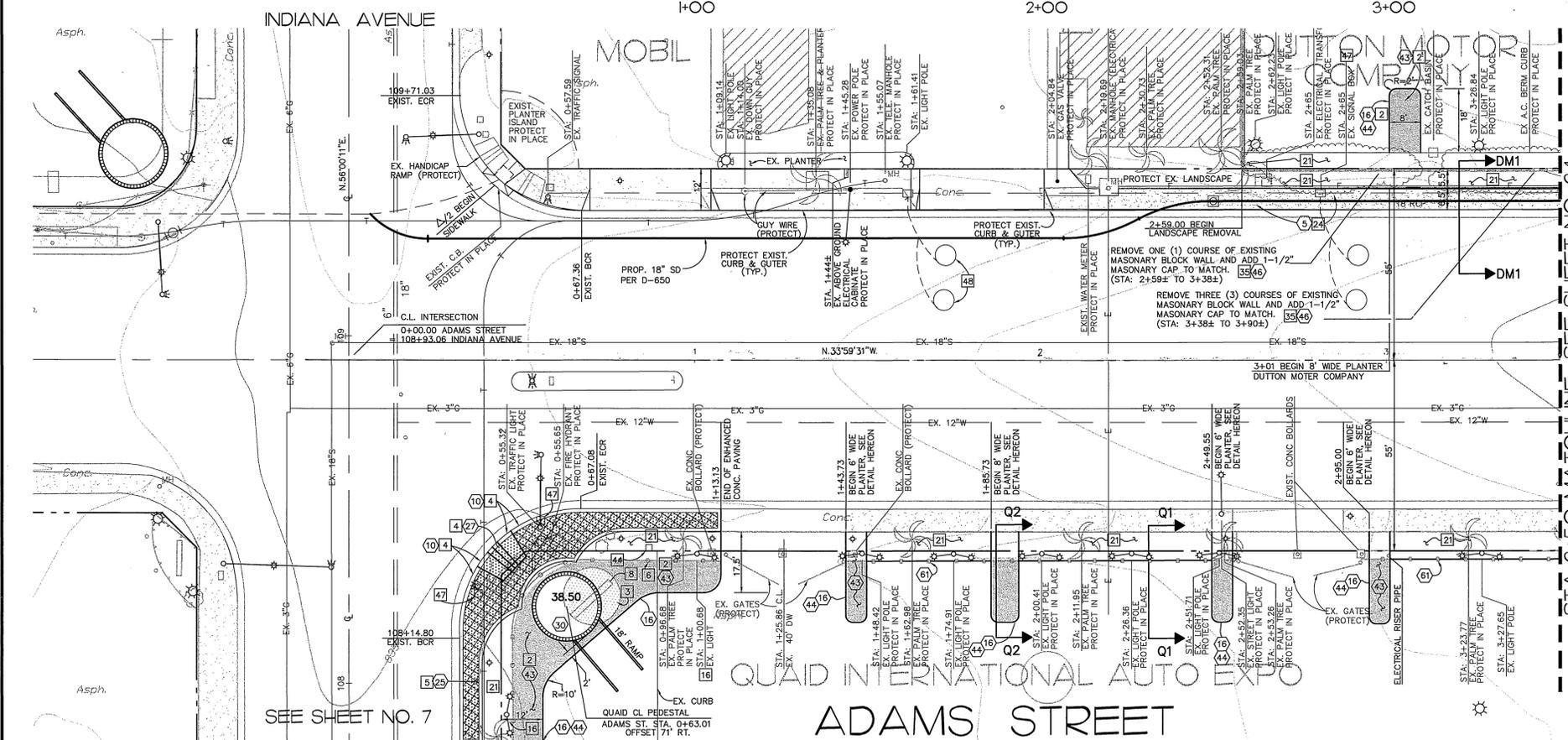
NOTICE TO CONTRACTOR  
DAMAGED LOOP WIRE  
WILL REQUIRE TOTAL  
LOOP REPLACEMENT

NOTE:

SEE SHEET NO. 3 FOR CONSTRUCTION NOTES

CONSTRUCTION LEGEND

- INDICATES NEW PLANTING AREAS [2] [4] [3]
- INDICATES NEW A.C. PAVING [9] [1] [2]
- INDICATES CONC. AND SIDEWALK REMOVAL [5]
- INDICATES ENHANCED CONCRETE PAVING [25]
- INDICATES NEW CONC. SIDEWALK OR DRIVEWAY [24] [6] [11] [5]



INDIANA AVENUE

1+00

2+00

3+00

SEE SHEET NO. 7

ADAMS STREET

STA 3+50 MATCHLINE SEE SHEET NO. 24

Underground Service Alert  
Call: TOLL FREE  
1 - 800  
227-2600  
TWO WORKING DAYS BEFORE YOU DIG

**PRIVATE ENGINEERING NOTE**  
CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR THE SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THAT THIS AGREEMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND CONSTRUCTION CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPT LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF DESIGN PROFESSIONAL.



PREPARED UNDER THE DIRECTION OF  
*John W. Canty*  
JOHN W. CANTY, PE  
REGISTERED CIVIL ENGINEER NO. 17550  
EXPIRATION DATE: 6-30-01 DATE: 11/16/97  
CITY OF RIVERSIDE  
PUBLIC UTILITIES DEPARTMENT - WATER  
*Richard D. Duda* 11/12/97  
APPROVED BY DATE  
VOID ONE YEAR FROM THIS DATE

**CEG** CANTY ENGINEERING GROUP, INC.  
CIVIL ENGINEERING - PLANNING - SURVEYING  
3120 CHICAGO AVENUE, SUITE 180, P.O. BOX 52050, RIVERSIDE, CA 92517  
TEL (909) 683 - 5234 FAX (909) 683 - 5301  
SCALE: 1"=20'  
BENCH MARK: RIV. CO. BM 601-21-68, CALTRANS BRASS DISK SET IN CONC. WELL LOCATED IN CENTERLINE OF MONROE STREET 40' NW OF INDIANA AVENUE ELEVATION: 810.933  
DATE: JULY 1997

MARK	REVISIONS	APPR.	DATE
DESIGNED BY	P.C.	DRAWN BY	S.L.B.
CHECKED BY	D.L.D./J.W.C.		

CITY OF RIVERSIDE  
DEPARTMENT OF PUBLIC WORKS  
APPROVED BY  
PRINCIPAL ENGR. *R. McSwain*  
PARK DEPARTMENT  
TRAFFIC DIVISION  
CHIEF P.W. ENGR.  
DATE: 10-19-98

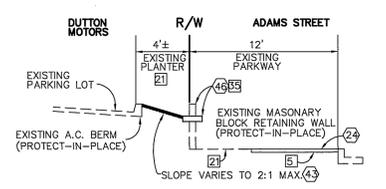
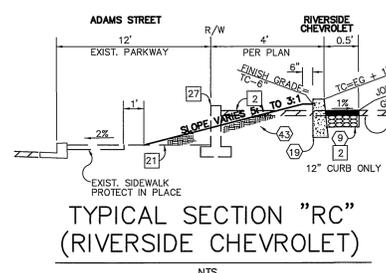
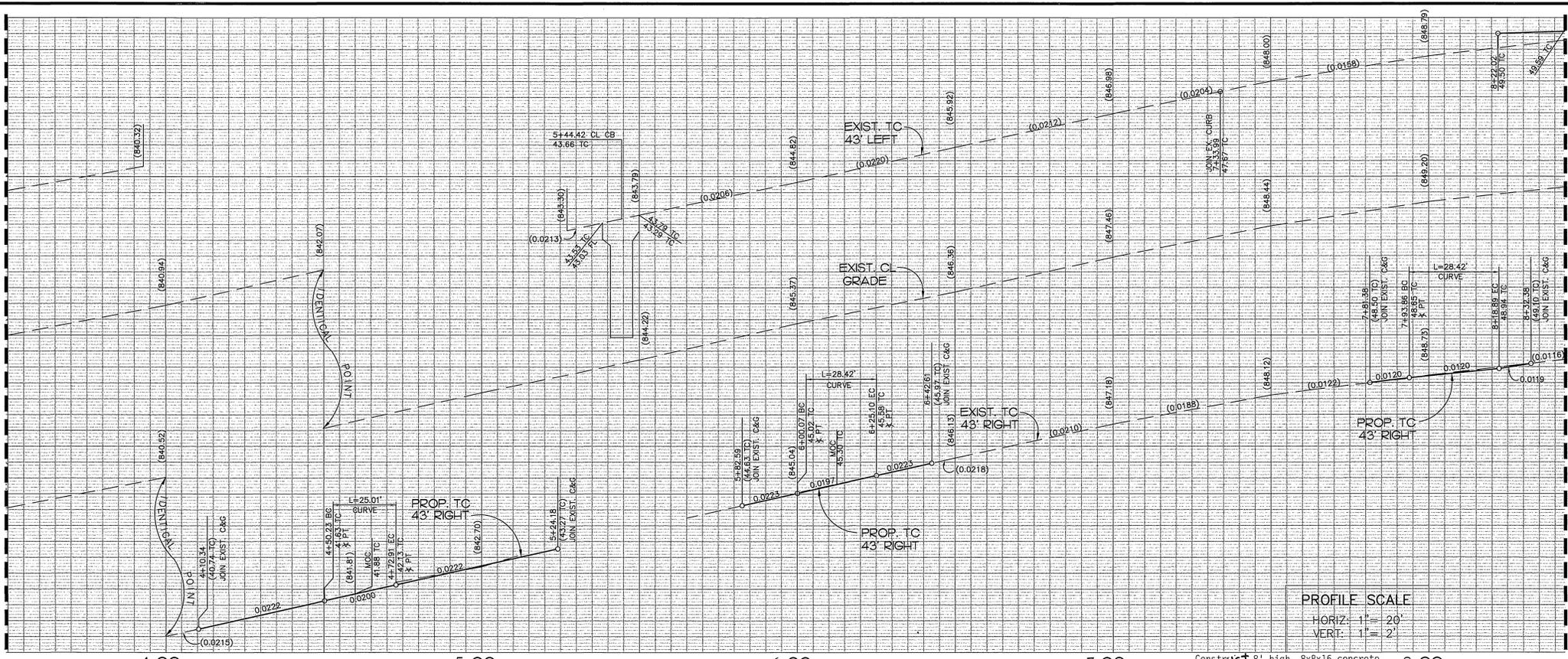
IN THE CITY OF RIVERSIDE, COUNTY OF RIVERSIDE STATE OF CALIFORNIA  
PROJECT NO. R-3471  
AUTO CENTER RENOVATION PLAN  
STREET IMPROVEMENT PLAN  
ADAMS STREET  
STA. 0+00 TO STA. 3+50  
SHEET 23 OF 43  
FOR: RIVERSIDE AUTO CENTER ASSESSMENT DISTRICT  
FILE NO.: 1036-003

INDEXED 12-26-01 LHH

840 LT  
840 CL  
840 RT

STA 3+50 MATCHLINE SEE SHEET NO. 23

STA 8+43 MATCHLINE SEE SHEET NO. 25



TYPICAL SECTION "DM1" (DUTTON MOTORS)

LINE	DIRECTION	DISTANCE
L1	N11°00'29"E	13.69
L2	N33°59'31"W	1.54
L3	N33°59'31"W	12.81
L4	N78°59'31"W	13.31
L5	N11°00'29"E	10.35
L6	N33°59'31"W	10.48
L7	N11°00'29"E	12.02
L8	N33°59'31"W	63.79
L9	N78°59'31"W	12.28
L10	N78°59'31"W	10.48
L11	N33°59'31"W	104.98
L12	N33°59'31"W	50.18
L13	N11°00'29"E	10.48
L14	N78°59'31"W	10.45
L15	N33°59'31"W	5.53
L16	N56°00'29"E	2.97
L17	N33°59'31"W	43.00

CURVE	DELTA	RADIUS	LENGTH	TANGENT
C1	45°00'00"	2.00	1.57	0.83
C2	90°00'16"	35.00	54.98	35.00
C3	89°59'44"	35.00	54.98	35.00
C4	45°00'00"	2.00	1.57	0.83
C5	45°00'00"	2.00	1.57	0.83
C6	60°00'00"	16.00	16.76	9.23
C7	45°00'00"	5.00	3.93	2.07
C8	45°00'00"	5.00	3.93	2.07
C9	45°00'00"	2.00	1.57	0.83
C10	60°00'00"	16.00	16.76	9.23
C11	60°00'00"	16.00	16.76	9.23
C12	45°00'00"	2.00	1.57	0.83
C13	45°00'00"	2.00	1.57	0.83
C14	90°00'00"	5.00	7.85	5.00
C15	59°59'49"	16.00	16.75	9.24
C16	59°59'49"	16.00	16.75	9.24
C17	80°59'49"	16.50	25.01	15.62
C18	98°41'17"	16.50	28.42	19.21
C19	98°41'17"	16.50	28.42	19.21

NOTE:

SEE SHEET NO. 3 FOR CONSTRUCTION NOTES

CONSTRUCTION LEGEND

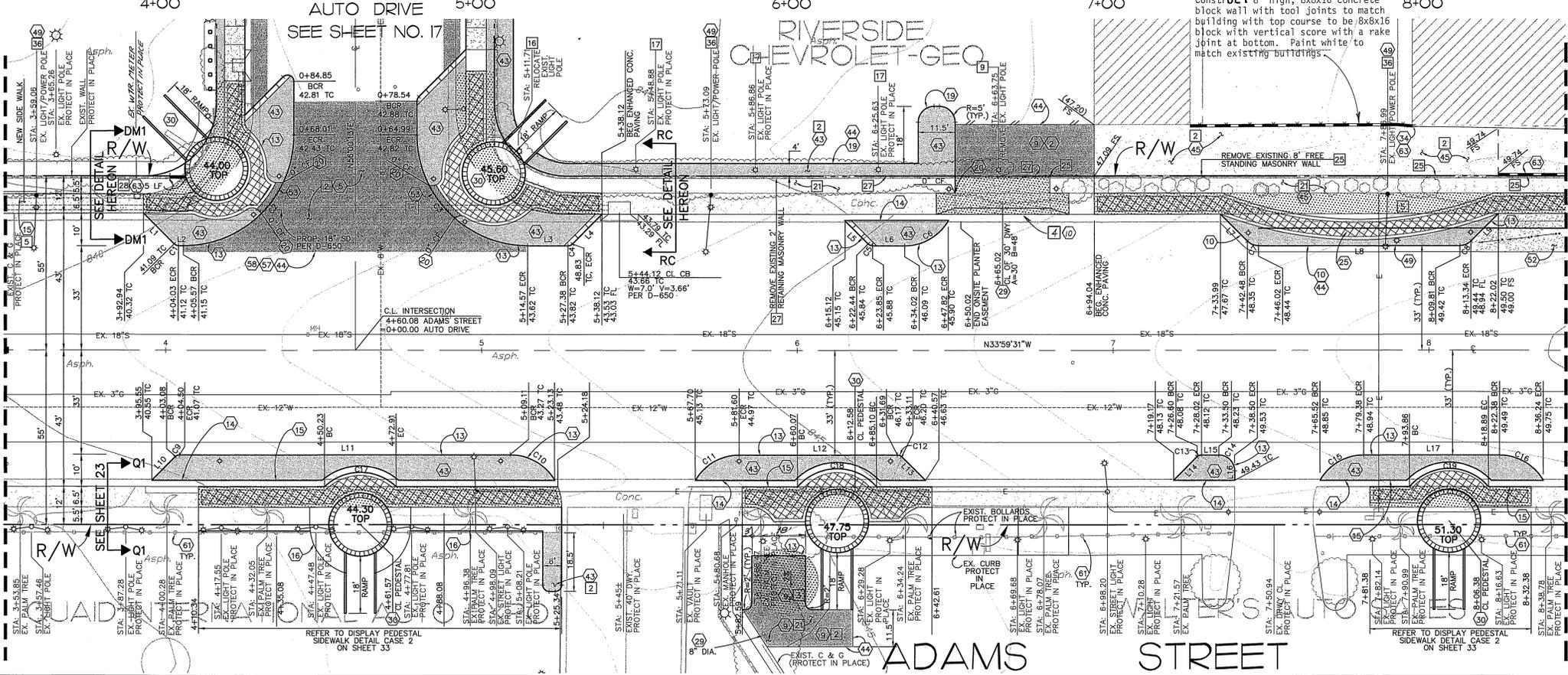
- INDICATES NEW CONC. SIDEWALK OR DRIVEWAY
- INDICATES NEW PLANTING AREAS
- INDICATES NEW A.C. PAVING
- INDICATES CONC. AND SIDEWALK REMOVAL
- INDICATES ENHANCED CONCRETE PAVING
- INDICATES NEW PCC PAVEMENT



SCALE: 1" = 20'

STA 3+50 MATCHLINE SEE SHEET NO. 23

STA 8+43 MATCHLINE SEE SHEET NO. 25



Underground Service Alert  
Call: TOLL FREE  
1 - 800  
227-2600  
TWO WORKING DAYS BEFORE YOU DIG

**PRIVATE ENGINEERING NOTE**  
CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH...  
CIVIL



PREPARED UNDER THE DIRECTION OF:  
JOHN V. CANTY, PE  
REGISTERED CIVIL ENGINEER NO. 17550  
EXPIRATION DATE: 6-30-01  
DATE: 11/6/97  
APPROVED BY: Richard J. Durbak 11/6/97  
VOID ONE YEAR FROM THIS DATE

**CEG** CANTY ENGINEERING GROUP, INC.  
CIVIL ENGINEERING - PLANNING - SURVEYING  
3120 CHICAGO AVENUE, SUITE 180, P.O. BOX 52050, RIVERSIDE, CA 92517  
TEL (909) 683 - 5234 FAX (909) 683 - 5301  
SCALE: 1"=20'  
DATE: JULY 1997  
BENCH MARK: RIV. CO. BM 601-21-68, CALTRANS BRASS DISK SET IN CONC. WELL LOCATED IN CENTERLINE OF MONROE STREET 40' NW OF INDIANA AVENUE ELEVATION: 810.933

MARK REVISIONS APPR. DATE  
DESIGNED BY: P.C. DRAWN BY: S.L.B. CHECKED BY: D.L.D./J.W.C.

CITY OF RIVERSIDE,  
DEPARTMENT OF PUBLIC WORKS  
APPROVED BY: R.M. Smith  
DIRECTOR OF PUBLIC WORKS  
DATE: 10-19-98

IN THE CITY OF RIVERSIDE, COUNTY OF RIVERSIDE STATE OF CALIFORNIA  
PROJECT NO. R-3471  
AUTO CENTER RENOVATION PLAN  
STREET IMPROVEMENT PLAN  
ADAMS STREET  
STA. 3+50 TO STA. 8+43  
SHEET 24 OF 43  
FOR: RIVERSIDE AUTO CENTER ASSESSMENT DISTRICT FILE NO.: 1036-003

INDEXED 12-26-01 LPH

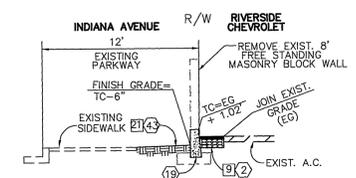
850 LT  
850 CL  
850 RT

STA 8+43 MATCHLINE SEE SHEET NO. 24

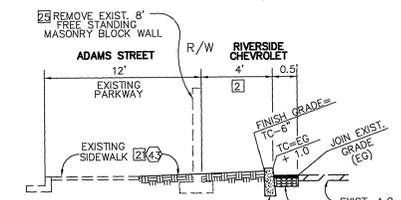
STA 8+43 MATCHLINE SEE SHEET NO. 24

LINE	DIRECTION	DISTANCE
L1	N11°00'29" E	9.30'
L2	N33°59'31" W	23.07'
L3	N33°59'31" W	5.38'
L4	N33°59'31" W	35.18'
L5	N11°00'29" E	10.51'

CURVE	DELTA	RADIUS	LENGTH	TANGENT
C1	45°00'00"	5.00'	3.93'	2.07'
C2	60°09'52"	16.00'	16.80'	9.27'
C3	78°19'58"	10.00'	13.67'	8.15'
C4	78°22'20"	10.00'	13.68'	8.15'
C5	59°58'51"	16.00'	16.79'	9.23'
C6	45°00'00"	2.00'	1.57'	0.83'
C7	98°41'17"	16.50'	28.42'	19.21'



TYPICAL SECTION "RC"  
(RIVERSIDE CHEVROLET)  
N.T.S.



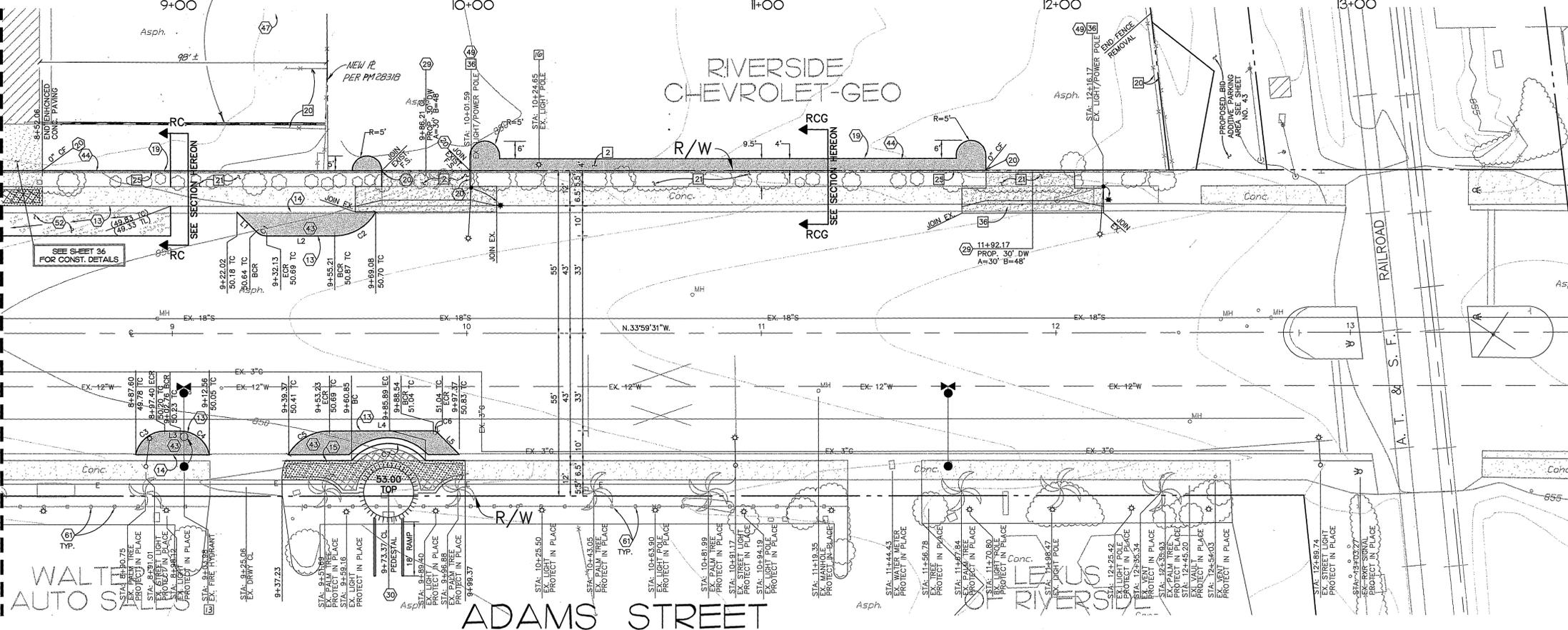
TYPICAL SECTION "RCC"  
(RIVERSIDE CHEVROLET)  
N.T.S.

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

Construct 8" high, 8x8x16 concrete block wall with 4x4x4 rebar to match building with top course to be 8x8x16 block with vertical scope with a rake joint at bottom. Paint white to match existing buildings.



SCALE: 1" = 20'



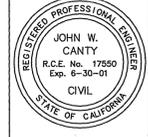
NOTE:  
SEE SHEET NO. 3 FOR CONSTRUCTION NOTES

CONSTRUCTION LEGEND

- INDICATES NEW PLANTING AREAS (2)(4)
- INDICATES NEW A.C. PAVING (3)
- INDICATES CONC. AND SIDEWALK REMOVAL (5)
- INDICATES ENHANCED CONCRETE PAVING (25)
- INDICATES NEW PCC PAVEMENT SIDEWALK, & DRIVEWAY (4)(5)(2)(29)(24)(5)(11)

Underground Service Alert  
Call: TOLL FREE  
1 - 800  
227-2600  
TWO WORKING DAYS BEFORE YOU DIG

**PRIVATE ENGINEERING NOTE**  
CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES CONSTRUCTION CONTRACTOR WILL BE RESPONSIBLE TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR THE SAFETY OF THE PROJECT. THE CONTRACTOR'S CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY, SHALL BE THE CONTRACTOR'S RESPONSIBILITY. THE CONTRACTOR SHALL BE RESPONSIBLE TO OBTAIN ALL NECESSARY PERMITS AND HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF DESIGN PROFESSIONAL.



PREPARED UNDER THE DIRECTION OF  
JOHN W. CAUTY, PE  
REGISTERED CIVIL ENGINEER NO. 17550  
EXPIRATION DATE: 6-30-01 DATE: 11/1/97  
CITY OF RIVERSIDE  
PUBLIC UTILITIES DEPARTMENT-WATER  
APPROVED BY: Richard L. Dierker 11/1/97 DATE  
VOID ONE YEAR FROM THIS DATE

**CEG** CANTY ENGINEERING GROUP, INC.  
CIVIL ENGINEERING - PLANNING - SURVEYING  
3120 CHICAGO AVENUE, SUITE 180, P.O. BOX 52050, RIVERSIDE, CA 92517  
TEL (909) 683 - 5234 FAX (909) 683 - 5301  
SCALE: 1"=20'  
BENCH MARK: RIV. CO. BM 601-21-68, CALTRANS BRASS DISK SET IN CONC. WELL LOCATED IN CENTERLINE OF MONROE STREET 40' NW OF INDIANA AVENUE ELEVATION: 810.933  
DATE: JULY 1997

CITY OF RIVERSIDE  
DEPARTMENT OF PUBLIC WORKS  
APPROVED BY: [Signature] DATE: 10-19-98  
PRINCIPAL ENGR. R. McSwath  
TRAFFIC DIVISION  
CHIEF P.W. ENGR.  
DATE: 10-19-98

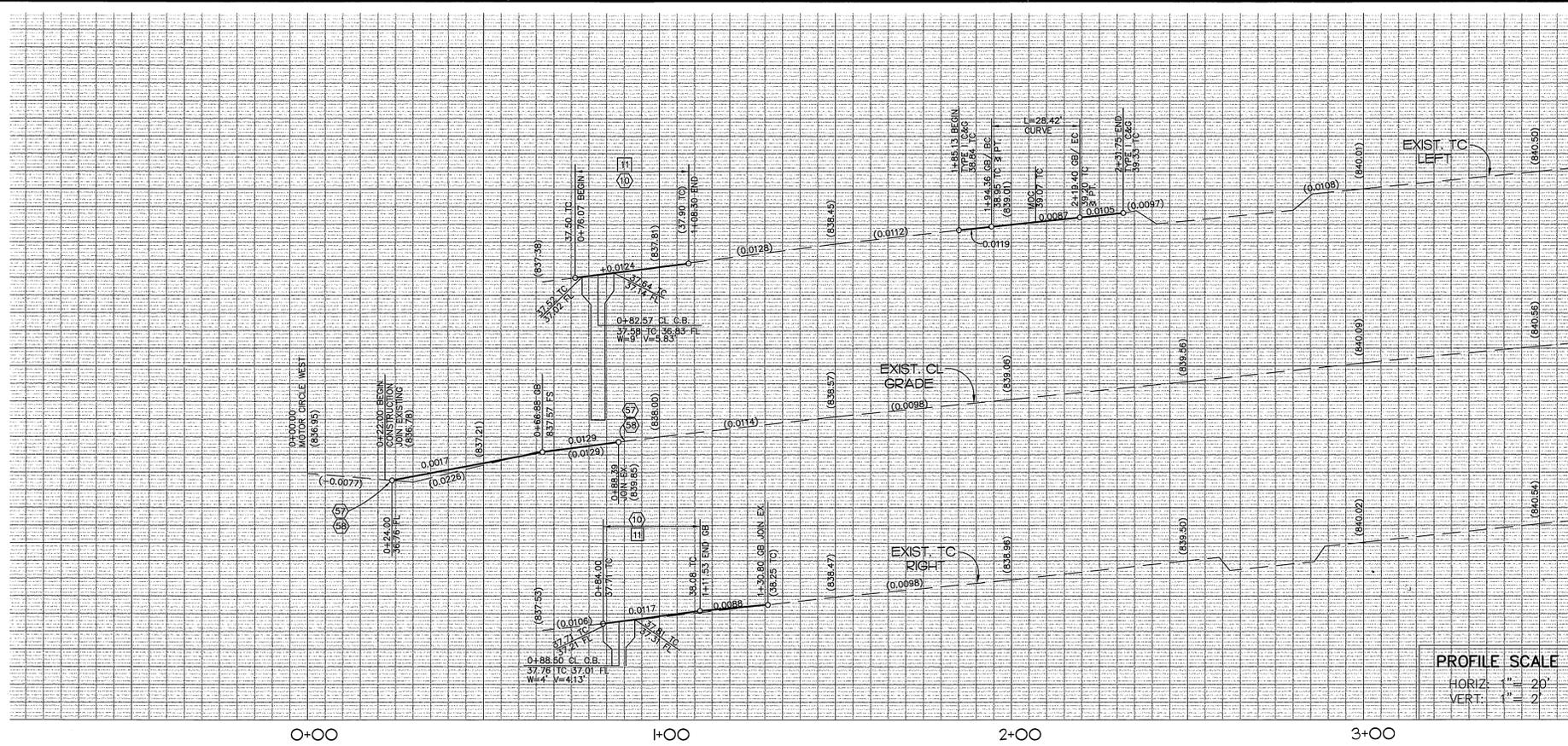
IN THE CITY OF RIVERSIDE, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA  
PROJECT NO. R-3471  
AUTO CENTER RENOVATION PLAN  
STREET IMPROVEMENT PLAN  
ADAMS STREET  
STA. 8+43 TO STA. 14+00  
SHEET 25 OF 43  
FOR: RIVERSIDE AUTO CENTER ASSESSMENT DISTRICT FILE NO.: 1036-003

INDEXED 12-26-01 LTH

840 LT

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840 RT

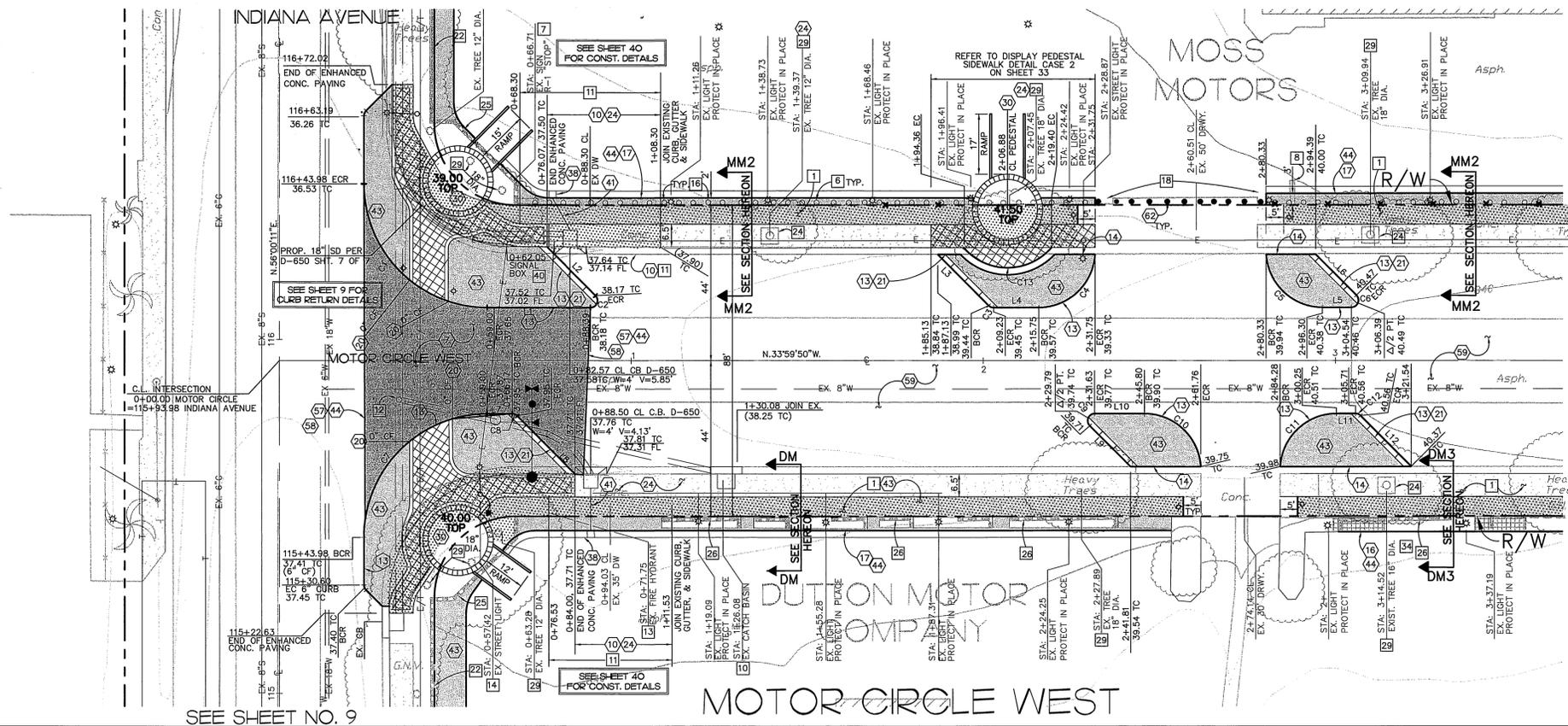
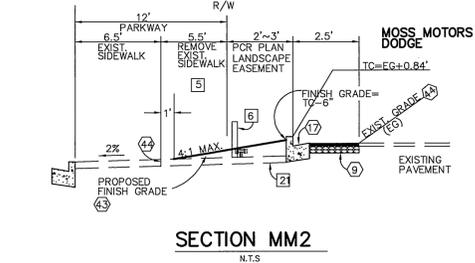
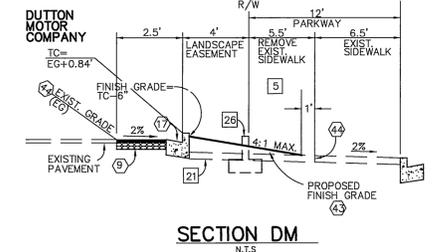


STA 3+60 MATCHLINE SEE SHEET NO. 27

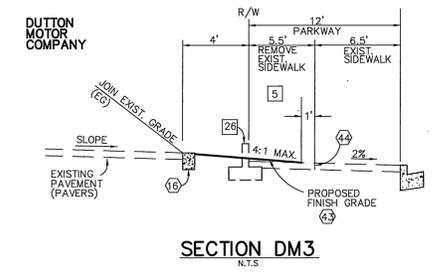
840 LT

840 CL

840 RT



STA 3+60 MATCHLINE SEE SHEET NO. 27



LINE	DIRECTION	DISTANCE
L1	N33°59'50"W	23.39
L2	N11°00'10"E	19.43
L3	N11°00'10"E	20.38
L4	N33°59'50"W	12.85
L5	N33°59'50"W	8.24
L6	N11°00'10"E	16.35
L7	N33°59'50"W	7.17
L8	N11°00'10"E	23.21
L9	N11°00'10"E	16.38
L10	N33°59'50"W	14.16
L11	N33°59'50"W	5.46
L12	N11°00'10"E	20.38

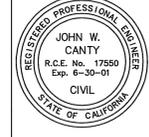
**NOTE:**  
SEE SHEET NO. 3 FOR CONSTRUCTION NOTES

**CONSTRUCTION LEGEND**

- INDICATES NEW PLANTING AREAS (2)(43)
- INDICATES NEW A.C. PAVING (7)
- INDICATES CONC. AND SIDEWALK REMOVAL (5)(43)
- INDICATES ENHANCED CONCRETE PAVING (25)
- INDICATES PAVING (34)
- INDICATES NEW A.C. SIDEWALK OR DRIVEWAY (24)(29)(45)(5)

Underground Service Alert  
Call: TOLL FREE  
1-800-227-2600  
TWO WORKING DAYS BEFORE YOU DIG

**PRIVATE ENGINEERING NOTE**  
CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ADOPTED CONSTRUCTION PRACTICES CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR THE SAFETY OF THE PROJECT DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND CONSTRUCTION CONTRACTOR FURTHER AGREES TO OBTAIN INSURANCE AND HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF DESIGN PROFESSIONAL.



PREPARED UNDER THE DIRECTION OF  
JOHN W. CANTY, PE  
REGISTERED CIVIL ENGINEER NO. 17550  
EXPIRATION DATE: 6-30-01 DATE: 11/2/99  
CITY OF RIVERSIDE  
PUBLIC WORKS DEPARTMENT-WATER  
Richard L. Dudgeon 11/2/99  
APPROVED BY  
VOID ONE YEAR FROM THIS DATE

**CEG** CANTY ENGINEERING GROUP, INC.  
CIVIL ENGINEERING - PLANNING - SURVEYING  
3120 CHICAGO AVENUE, SUITE 180, P.O. BOX 52050, RIVERSIDE, CA 92517  
TEL (909) 683-5234 FAX (909) 683-5301  
SCALE: 1"=20'  
BENCH MARK: RIV. CO. BM 601-21-68, CALTRANS BRASS DISK SET IN CONC. WELL LOCATED IN CENTERLINE OF MONROE STREET 40' NW OF INDIANA AVENUE. ELEVATION: 810.933  
DATE: JULY 1997

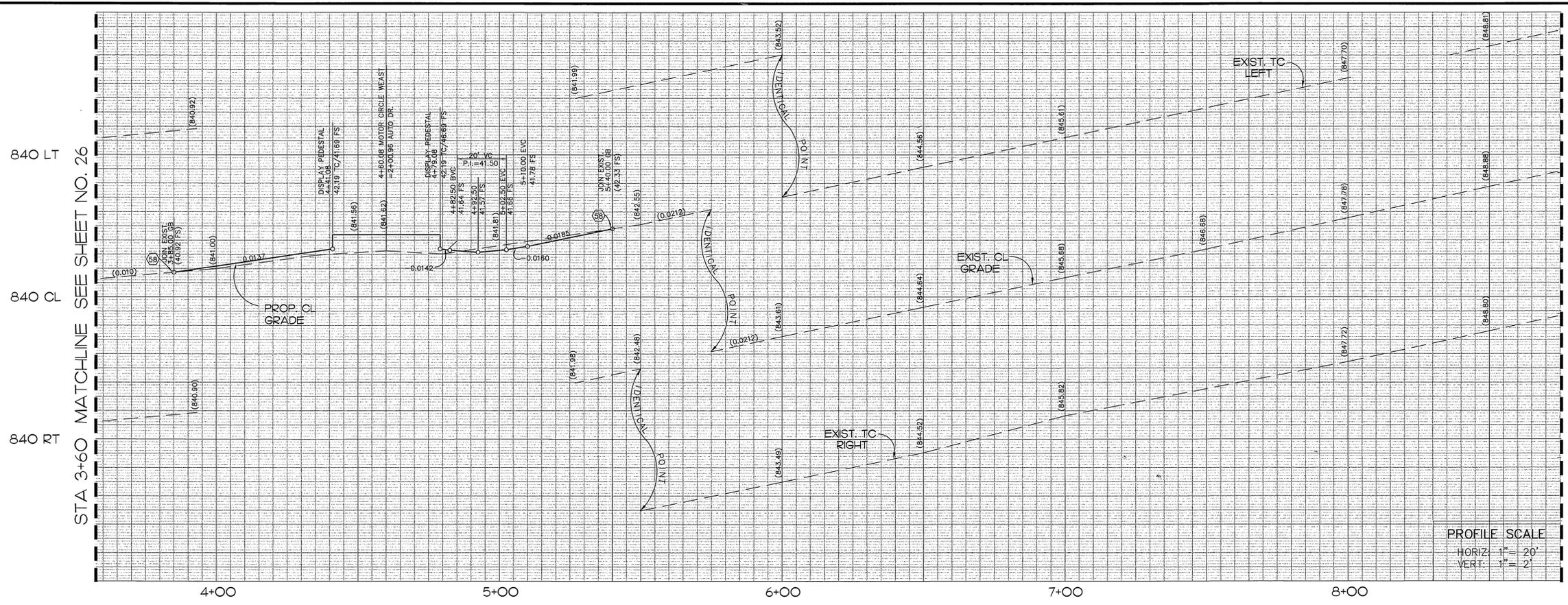
MARK	REVISIONS	APPR.	DATE

CITY OF RIVERSIDE  
DEPARTMENT OF PUBLIC WORKS  
APPROVED BY: [Signature]  
PRINCIPAL ENGR. [Signature]  
PARK DEPARTMENT [Signature]  
TRAFFIC DIVISION [Signature]  
CHIEF P.W. ENGR. [Signature]  
DATE: 10-19-98

IN THE CITY OF RIVERSIDE, COUNTY OF RIVERSIDE  
STATE OF CALIFORNIA  
PROJECT NO. R-3471  
AUTO CENTER RENOVATION PLAN  
MOTOR CIRCLE WEST  
STA. 0+00 TO STA. 3+60  
SHEET 26 OF 43  
FOR: RIVERSIDE AUTO CENTER ASSESSMENT DISTRICT  
FILE NO.: 1036-003

RC 7/11/97  
mea 9/24/98

INDEXED 12-26-01 4H



845 LT  
845 CL  
845 RT

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

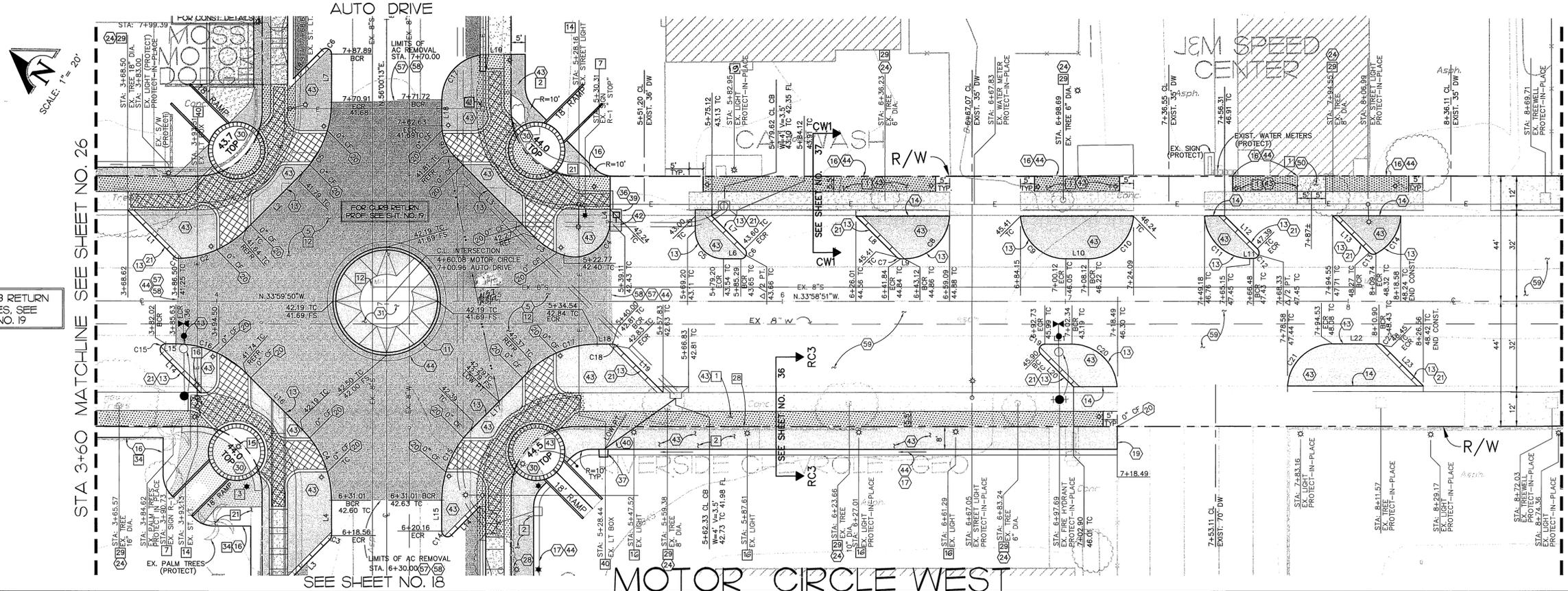
LINE	DIRECTION	DISTANCE
L1	N11°00'10"E	22.77
L2	N78°59'50"W	28.22
L3	N11°01'09"E	40.66
L4	N56°01'09"E	4.29
L5	N56°01'09"E	5.00
L6	N33°58'51"W	6.09
L7	N11°01'09"E	16.38
L8	N11°01'09"E	20.38
L9	N33°58'51"W	1.28
L10	N33°58'51"W	8.00
L11	N33°58'51"W	1.33
L12	N11°01'09"E	16.38
L13	N11°01'09"E	18.31
L14	N11°00'10"E	19.64
L15	N33°58'50"W	3.61
L16	N11°00'10"E	28.21
L17	N78°58'51"W	28.19
L18	N33°58'51"W	5.46
L19	N11°01'09"E	23.21
L20	N11°01'09"E	16.38
L21	N33°58'51"W	9.60
L22	N33°58'51"W	16.37
L23	N11°01'09"E	20.15

CURVE	DELTA	RADIUS	LENGTH	TANGENT
C1	47°11'02"	3.00'	2.47'	1.31'
C2	42°48'58"	35.00'	26.15'	13.72'
C3	27°21'32"	25.00'	11.94'	6.08'
C4	107°38'28"	12.50'	23.48'	17.09'
C5	90°00'00"	10.00'	15.71'	10.00'
C6	135°00'00"	2.00'	4.71'	4.83'
C7	45°00'00"	2.00'	1.57'	0.83'
C8	86°25'00"	16.00'	24.13'	15.03'
C9	86°25'00"	16.00'	24.13'	15.03'
C10	86°25'00"	16.00'	24.13'	15.03'
C11	86°25'00"	16.00'	24.13'	15.03'
C12	135°00'00"	2.00'	4.71'	4.83'
C13	71°28'48"	2.00'	2.50'	1.44'
C14	59°56'12"	16.00'	16.74'	9.23'
C15	135°00'00"	2.00'	4.71'	4.83'
C16	45°00'00"	35.00'	27.49'	14.50'
C17	45°00'00"	35.00'	27.49'	14.50'
C18	45°00'00"	2.00'	1.57'	0.83'
C19	135°00'00"	2.00'	4.71'	4.83'
C20	86°24'19"	16.00'	24.13'	15.03'
C21	85°48'53"	16.00'	23.96'	14.87'
C22	45°00'00"	2.00'	1.57'	0.83'

**NOTE:**  
SEE SHEET NO. 3 FOR CONSTRUCTION NOTES

**CONSTRUCTION LEGEND**

- INDICATES NEW PLANTING AREAS (2) (4) (1) (3) (5)
- INDICATES NEW A.C. PAVING (5) (2)
- INDICATES CONC. AND SIDEWALK REMOVAL (5) (3)
- INDICATES ENHANCED CONCRETE PAVING (25)



FOR CURB RETURN PROFILES, SEE SHT. NO. 19

STA 3+60 MATCHLINE SEE SHEET NO. 26

STA 3+60 MATCHLINE SEE SHEET NO. 26

**MOTOR CIRCLE WEST**

Underground Service Alert  
Call: TOLL FREE  
1 - 800  
227-2600  
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**PRIVATE ENGINEERING NOTE**  
CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES...  
JOHN W. CANTY  
REGISTERED PROFESSIONAL ENGINEER  
R.C.E. No. 17550  
Exp. 6-30-01  
CIVIL

PREPARED UNDER THE DIRECTION OF:  
JOHN W. CANTY, PE  
REGISTERED CIVIL ENGINEER NO. 17550  
EXPIRATION DATE: 6-30-01 DATE: 11/16/97  
CITY OF RIVERSIDE  
PUBLIC UTILITIES DEPARTMENT-WATER  
APPROVED BY: Richard J. Duda 11/12/97  
VOID ONE YEAR FROM THIS DATE

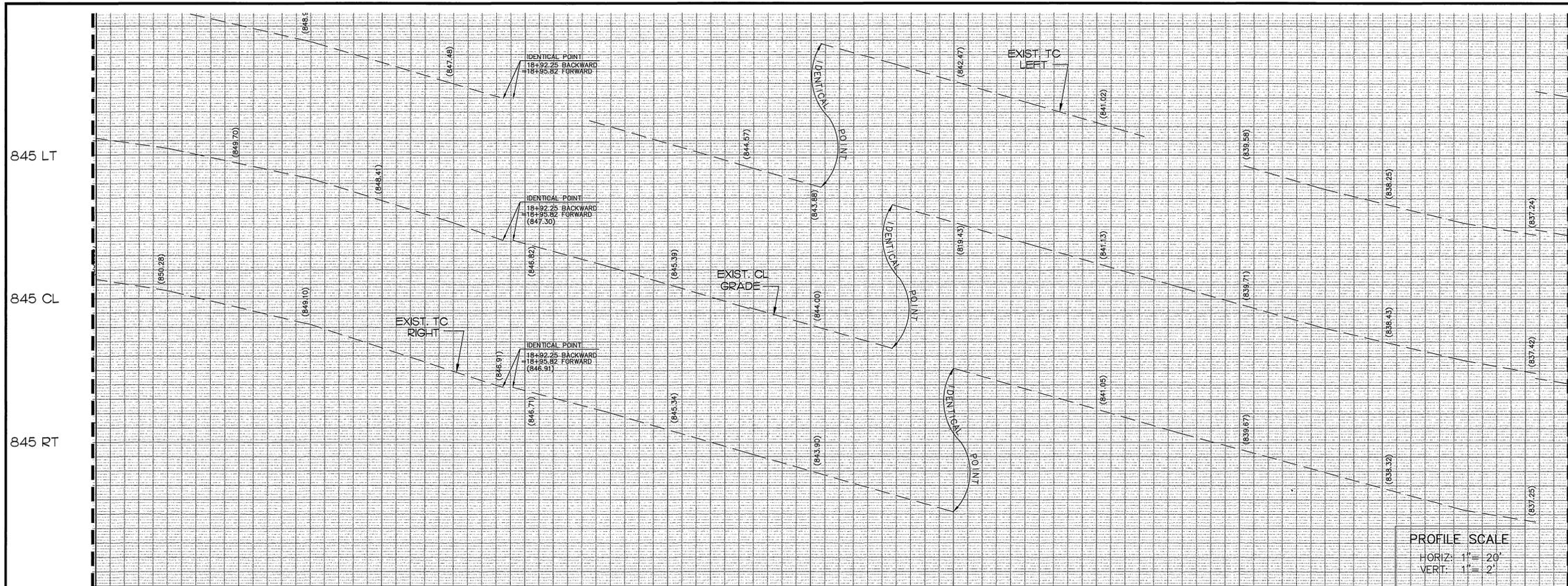
**CEC** CANTY ENGINEERING GROUP, INC.  
CIVIL ENGINEERING - PLANNING - SURVEYING  
3120 CHICAGO AVENUE, SUITE 180, P.O. BOX 52050, RIVERSIDE, CA 92517  
TEL (909) 683 - 5234 FAX (909) 683 - 5301  
SCALE: 1"=20'  
BENCH MARK: RIV. CO. BM 601-21-68, CALTRANS BRASS DISK SET IN CONC. WELL LOCATED IN CENTERLINE OF MONROE STREET 40' NW OF INDIANA AVENUE ELEVATION: 810.933  
DATE: JULY 1997

MARK REVISIONS APPR. DATE  
DESIGNED BY P.C. DRAWN BY S.L.B. CHECKED BY D.L.D./P.C.

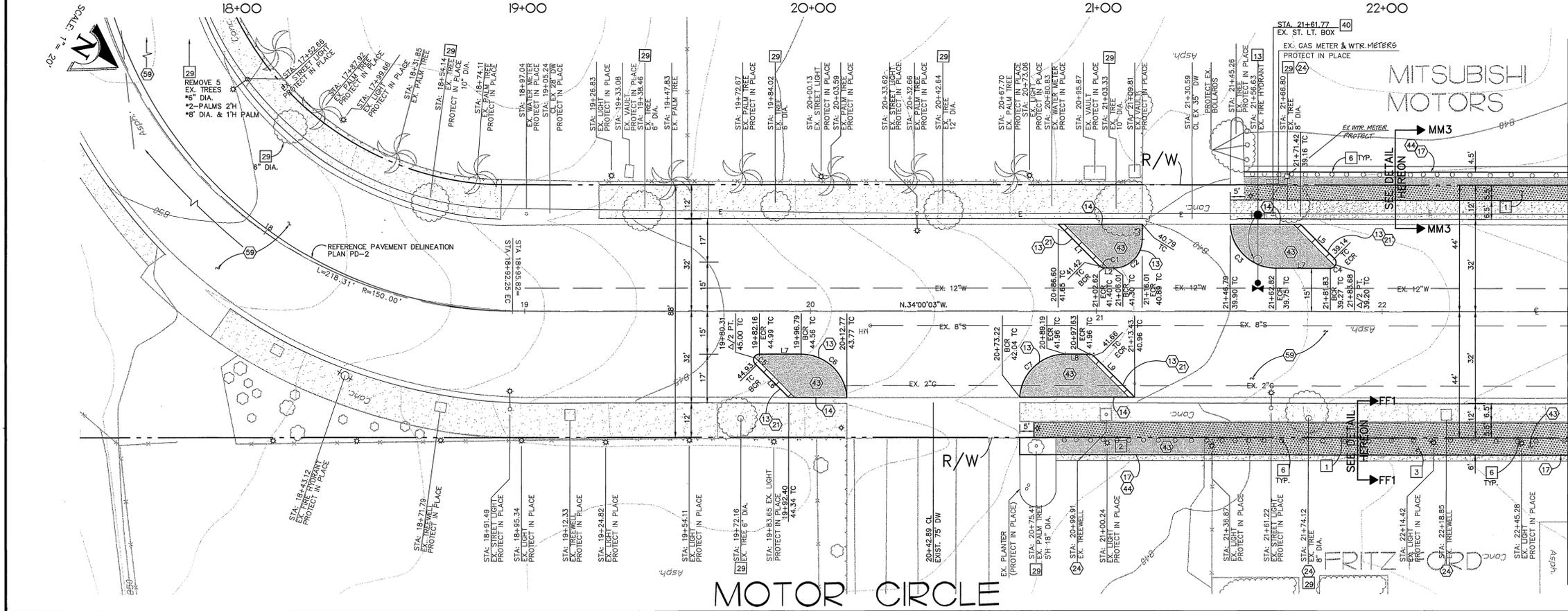
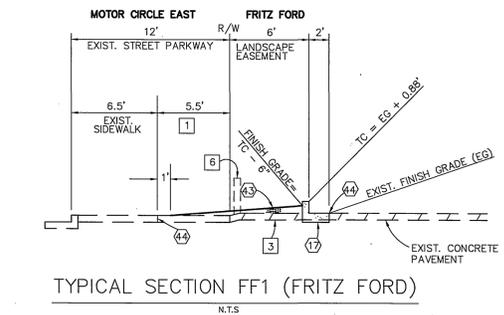
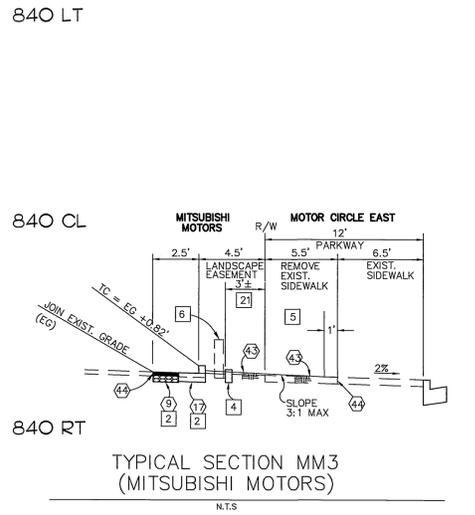
**CITY OF RIVERSIDE**  
DEPARTMENT OF PUBLIC WORKS  
APPROVED BY: R.M. S...  
DIRECTOR OF PUBLIC WORKS  
DATE: 10-19-98

IN THE CITY OF RIVERSIDE, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA  
**AUTO CENTER RENOVATION PLAN**  
STREET IMPROVEMENT PLAN  
MOTOR CIRCLE  
STA. 3+60 TO STA. 8+74.16  
PROJECT NO. R-3471  
SHEET 27 OF 43  
FOR: RIVERSIDE AUTO CENTER ASSESSMENT DISTRICT  
FILE NO.: 1036-003

INDEXED 12-26-01 4H



STA 22+65 MATCHLINE SEE SHEET NO. 29



LINE	DIRECTION	DISTANCE
L1	N10°59'57"E	20.66'
L2	N34°00'03"W	3.39'
L3	N55°59'57"E	5.21'
L4	N34°00'03"W	19.02'
L5	N10°59'57"E	16.73'
L6	N10°59'57"E	16.48'
L7	N34°00'03"W	14.63'
L8	N34°00'03"W	8.44'
L9	N10°59'57"E	20.34'

CURVE	DELTA	RADIUS	LENGTH	TANGENT
C1	45°00'00"	2.00'	1.57'	0.83'
C2	90°00'00"	10.00'	15.71'	10.00'
C3	87°25'43"	16.00'	24.41'	15.30'
C4	135°00'00"	2.00'	4.71'	4.83'
C5	135°00'00"	2.00'	4.71'	4.83'
C6	87°01'56"	16.00'	24.30'	15.19'
C7	86°17'29"	16.00'	24.10'	15.00'
C8	45°00'00"	2.00'	1.57'	0.83'

NOTE:  
SEE SHEET NO. 3 FOR CONSTRUCTION NOTES

- CONSTRUCTION LEGEND**
- INDICATES NEW PLANTING AREAS (21, 43)
  - INDICATES NEW A.C. PAVING (7, 9)
  - INDICATES CONC. AND SIDEWALK REMOVAL (5, 3, 43)
  - INDICATES ENHANCED CONCRETE PAVING (25)

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227-2600  
TWO WORKING DAYS BEFORE YOU DIG

**PRIVATE ENGINEERING NOTE**  
CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING AND COMPLETE CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY, THAT THE CONTRACTOR SHALL BE MADE TO APPLY CONTINGUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND CONSTRUCTION CONTRACTOR FURTHER AGREES TO OBTAIN NECESSARY AND HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY REAL OR ALLEGED IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF DESIGN PROFESSIONAL.

PREPARED UNDER THE DIRECTION OF:  
*John W. Canty*  
JOHN W. CANTY, PE  
REGISTERED CIVIL ENGINEER NO. 17550  
EXPIRATION DATE: 6-30-01 DATE: 11/6/97  
CITY OF RIVERSIDE  
PUBLIC UTILITIES DEPARTMENT-WATER  
Richard J. Doherty 11/6/97  
APPROVED BY DATE  
VOID ONE YEAR FROM THIS DATE

**CEG** CANTY ENGINEERING GROUP, INC.  
CIVIL ENGINEERING - PLANNING - SURVEYING  
3120 CHICAGO AVENUE, SUITE 180, P.O. BOX 52050, RIVERSIDE, CA 92517  
TEL (909) 683 - 5234 FAX (909) 683 - 5301  
SCALE: 1"=20'  
BENCH MARK: RIV. CO. BM 601-21-68, CALTRANS BRASS DISK SET IN CONC. WELL LOCATED IN CENTERLINE OF MONROE STREET 40' NW OF INDIANA AVENUE ELEVATION: 810.933  
DATE: JULY 1997

CITY OF RIVERSIDE  
DEPARTMENT OF PUBLIC WORKS  
APPROVED BY: *R. M. Smith*  
R. M. SMITH  
DIRECTOR OF PUBLIC WORKS  
DATE: 10-19-98  
DESIGNED BY: P.C. DRAWN BY: S.L.B. CHECKED BY: D.L.D./J.W.C.

CITY OF RIVERSIDE  
DEPARTMENT OF PUBLIC WORKS  
APPROVED BY: *R. M. Smith*  
R. M. SMITH  
DIRECTOR OF PUBLIC WORKS  
DATE: 10-19-98

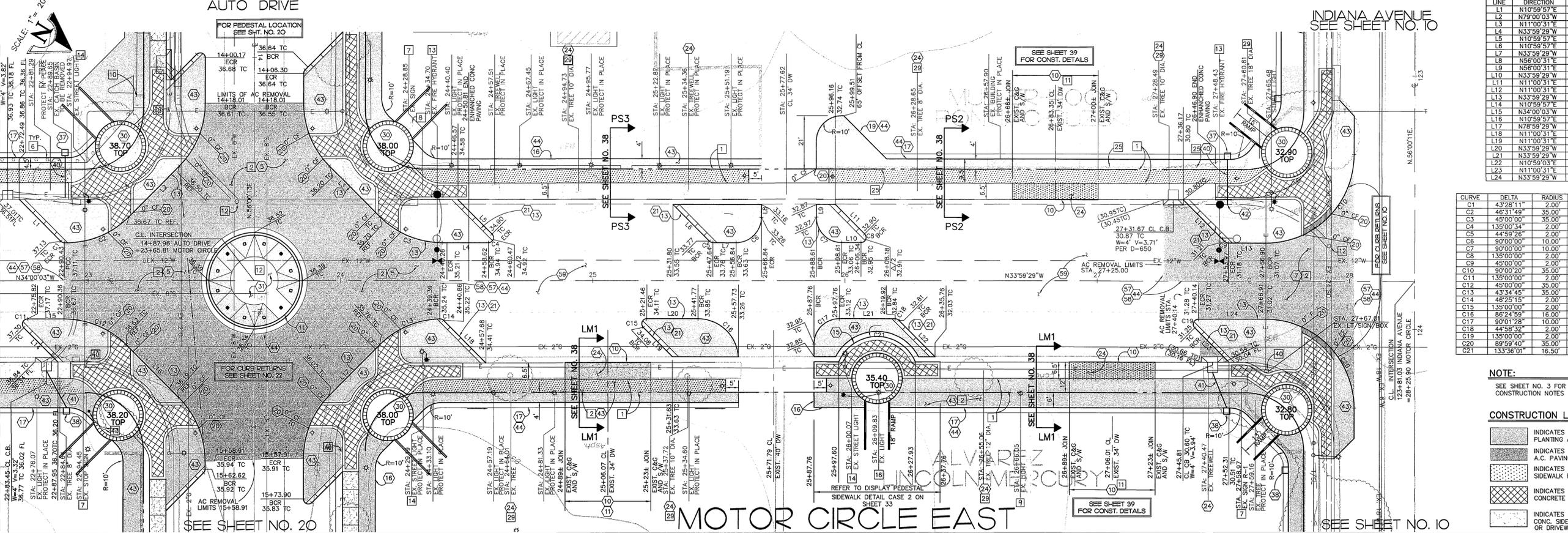
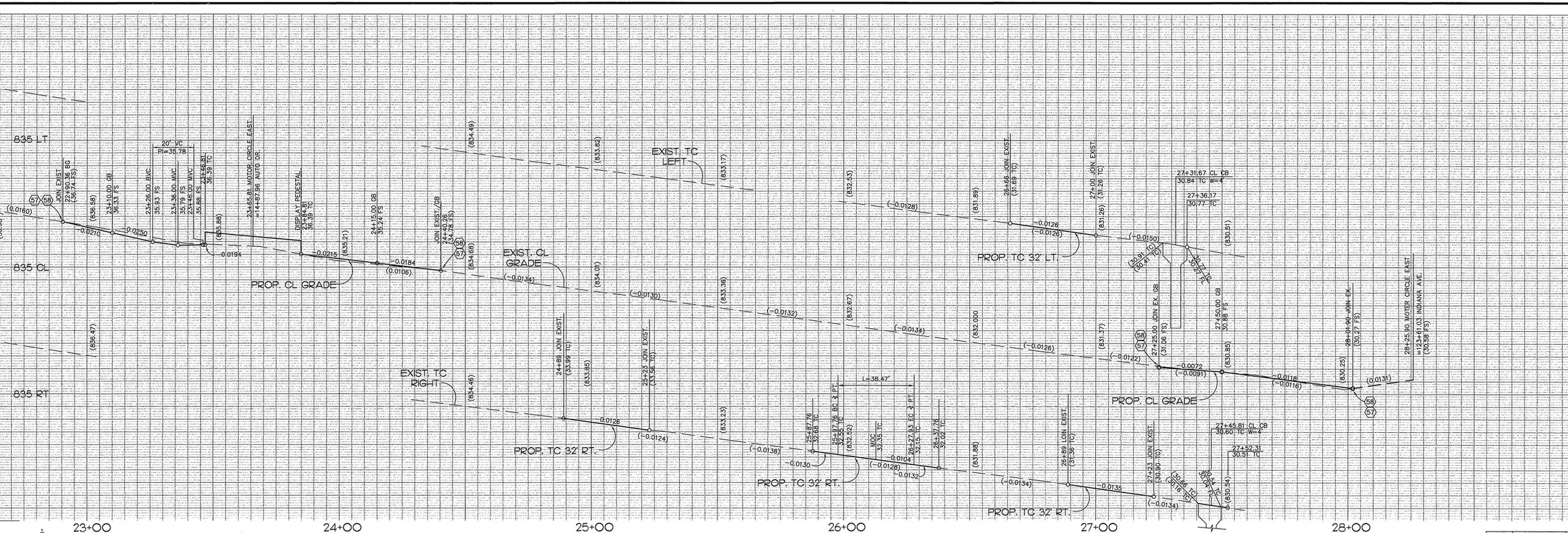
IN THE CITY OF RIVERSIDE, COUNTY OF RIVERSIDE  
STATE OF CALIFORNIA  
PROJECT NO. R-3471  
AUTO CENTER RENOVATION PLAN  
STREET IMPROVEMENT PLAN  
MOTOR CIRCLE  
STA. 17+50 TO STA. 22+65  
SHEET 28 OF 43  
FOR: RIVERSIDE AUTO CENTER ASSESSMENT DISTRICT FILE NO.: 1036-003

STA 22+65 MATCHLINE SEE SHEET NO. 29

INDEXED 12-26-02 LHT

STA 22+50 MATCHLINE SEE SHEET NO. 28

STA 22+65 MATCHLINE SEE SHEET NO. 28



LINE	DIRECTION	DISTANCE
L1	N10°59'57"E	23.44'
L2	N79°00'03"W	28.22'
L3	N11°00'31"E	28.22'
L4	N33°59'29"W	18.35'
L5	N10°59'57"E	19.04'
L6	N10°59'57"E	20.39'
L7	N33°59'29"W	9.20'
L8	N56°00'31"E	5.00'
L9	N56°00'31"E	5.00'
L10	N33°59'29"W	7.72'
L11	N11°00'31"E	16.38'
L12	N11°00'31"E	23.21'
L13	N33°59'29"W	12.93'
L14	N10°59'57"E	19.14'
L15	N34°00'03"W	14.54'
L16	N10°59'57"E	29.62'
L17	N78°59'29"W	28.21'
L18	N11°00'31"E	23.78'
L19	N11°00'31"E	16.38'
L20	N33°59'29"W	20.31'
L21	N33°59'29"W	22.16'
L22	N10°59'03"E	20.39'
L23	N11°00'31"E	19.21'
L24	N33°59'29"W	26.77'

CURVE	DELTA	RADIUS	LENGTH	TANGENT
C1	43°28'11"	2.00'	1.52'	0.80'
C2	46°31'49"	35.00'	28.42'	15.05'
C3	45°00'00"	35.00'	27.49'	14.50'
C4	135°00'34"	2.00'	4.71'	4.83'
C5	44°59'26"	2.00'	1.57'	0.83'
C6	90°00'00"	10.00'	15.71'	10.00'
C7	90°00'00"	10.00'	15.71'	10.00'
C8	135°00'00"	2.00'	4.71'	4.83'
C9	45°00'00"	2.00'	1.57'	0.83'
C10	90°00'20"	35.00'	54.98'	35.00'
C11	135°00'00"	2.00'	4.71'	4.83'
C12	45°00'00"	35.00'	27.49'	14.50'
C13	43°34'45"	35.00'	26.62'	13.99'
C14	46°25'15"	2.00'	1.62'	0.86'
C15	135°00'00"	2.00'	4.71'	4.83'
C16	85°24'59"	16.00'	24.13'	15.03'
C17	90°01'28"	10.00'	15.71'	10.00'
C18	44°58'32"	2.00'	1.57'	0.83'
C19	135°00'00"	2.00'	4.71'	4.83'
C20	85°59'40"	16.00'	54.97'	35.00'
C21	133°36'01"	16.50'	38.47'	38.50'

**NOTE:**  
SEE SHEET NO. 3 FOR CONSTRUCTION NOTES

**CONSTRUCTION LEGEND**

- INDICATES NEW PLANTING AREA
- INDICATES NEW A.C. PAVING
- INDICATES CONC. AND SIDEWALK REMOVAL
- INDICATES ENHANCED CONCRETE PAVING
- INDICATES NEW CONC. SIDEWALK OR DRIVEWAY

Underground Service Alert  
Call: TOLL FREE  
1-800-227-2600  
TWO WORKING DAYS BEFORE YOU DIG

**PRIVATE ENGINEERING NOTE**

CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPT LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF DESIGN PROFESSIONAL.

PREPARED UNDER THE DIRECTION OF:  
*John W. Canty*  
JOHN W. CANTY  
REGISTERED CIVIL ENGINEER NO. 17550  
EXPIRATION DATE: 6-30-01 DATE: 11/6/97  
CITY OF RIVERSIDE  
PUBLIC UTILITIES DEPARTMENT-WATER  
APPROVED BY: *Richard J. Durbin* 4/12/97  
VOID ONE YEAR FROM THIS DATE

**CEG** CANTY ENGINEERING GROUP, INC.  
CIVIL ENGINEERING - PLANNING - SURVEYING  
3120 CHICAGO AVENUE, SUITE 180, P.O. BOX 52050, RIVERSIDE, CA 92517  
TEL (909) 683-5234 FAX (909) 683-5301

SCALE: 1"=20'  
DATE: JULY 1997  
BENCH MARK: RIV. CO. BM 601-21-68, CALTRANS BRASS DISK SET IN CONC. WELL LOCATED IN CENTERLINE OF MONROE STREET 40' NW OF INDIANA AVENUE ELEVATION: 810.933

**CITY OF RIVERSIDE**  
DEPARTMENT OF PUBLIC WORKS

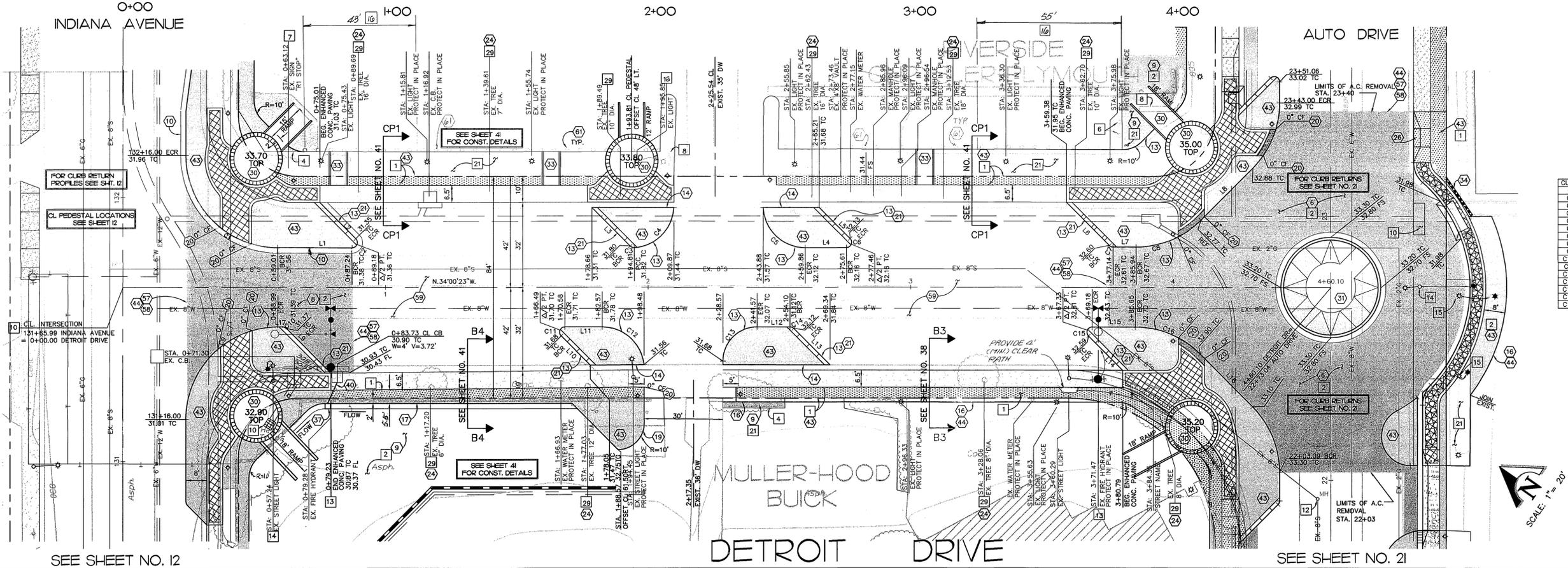
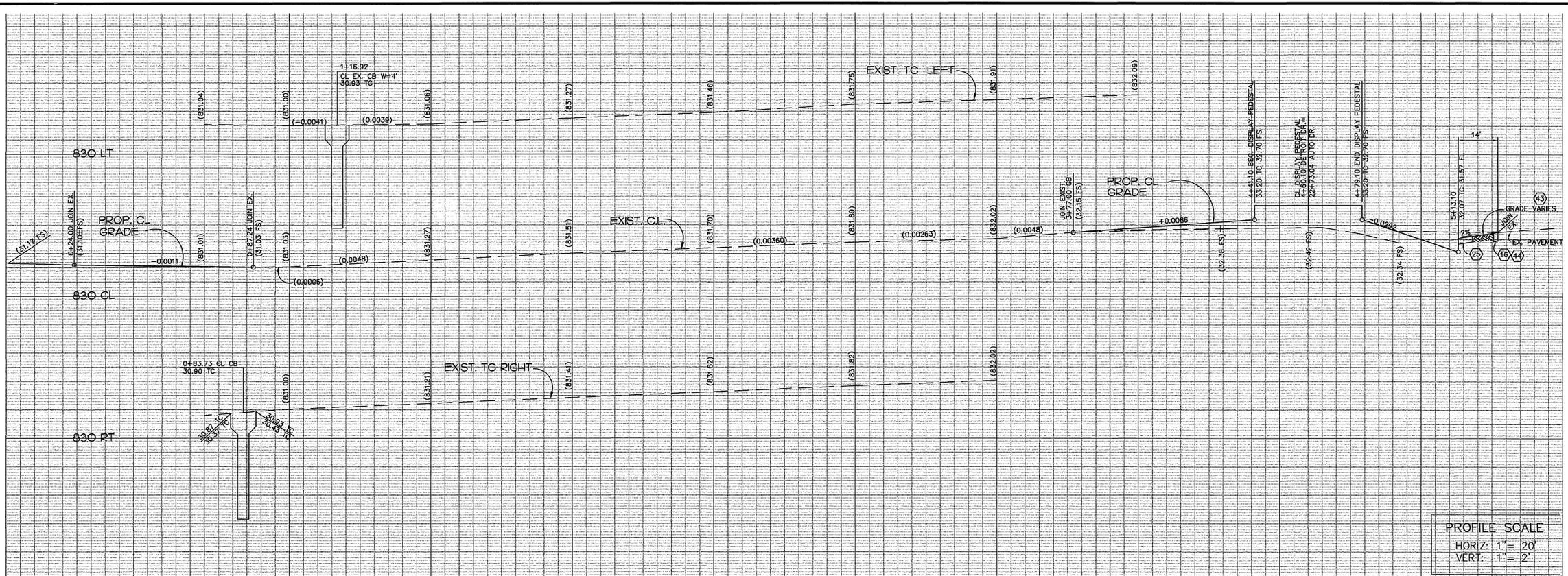
APPROVED BY: *R. McEath*  
R. McEath  
DIRECTOR OF PUBLIC WORKS  
DATE: 10-19-98

DESIGNED BY: DD DRAWN BY: CC CHECKED BY: JWC

IN THE CITY OF RIVERSIDE, COUNTY OF RIVERSIDE STATE OF CALIFORNIA  
**AUTO CENTER RENOVATION PLAN**  
STREET IMPROVEMENT PLAN  
MOTOR CIRCLE  
STA. 22+50 TO END MOTOR CIRCLE

PROJECT NO. R-3471  
SHEET 29 OF 43  
FOR: RIVERSIDE AUTO CENTER ASSESSMENT DISTRICT FILE NO.: 1036-003

INDEXED 12-26-01 GPH



Curve	Delta	Radius	Length	Tangent
L2	N10°59'37"	19.42		
L3	N10°59'37"	20.67		
L4	N34°00'23"W	15.75		
L5	N10°59'37"	16.71		
L6	N10°59'37"	23.12		
L7	N34°00'23"W	9.80		
L8	N10°59'37"	27.82		
L9	N10°59'37"	23.97		
L10	N10°59'37"	15.73		
L11	N34°00'23"W	14.23		
L12	N34°00'23"W	12.53		
L13	N10°59'37"	19.55		
L14	N10°59'37"	18.42		
L15	N34°00'23"W	16.47		
L16	N10°59'37"	28.20		
L17	S34°00'23"E	1.87		

Curve	Delta	Radius	Length	Tangent
C1	90°00'34"	35.00	54.98	35.01
C2	135°00'00"	2.00	4.71	4.83
C3	48°17'50"	2.00	1.69	0.90
C4	83°56'07"	16.00	23.44	14.39
C5	87°13'58"	16.00	24.36	15.25
C6	135°00'00"	2.00	4.71	4.83
C7	45°00'00"	2.00	1.57	0.83
C8	45°00'00"	35.00	27.49	14.50
C9	89°59'28"	35.00	54.97	34.99
C10	45°00'00"	2.00	1.57	0.83
C11	135°00'00"	2.00	4.71	4.83
C12	84°00'54"	16.00	23.46	14.41
C13	90°00'00"	13.00	20.42	13.00
C14	45°00'00"	2.00	1.57	0.83
C15	135°00'00"	2.00	4.71	4.83
C16	45°00'00"	35.00	27.49	14.50

NOTE:  
SEE SHEET NO. 3 FOR CONSTRUCTION NOTES

CONSTRUCTION LEGEND

[Symbol]	INDICATES PLANTING AREAS	(2)(3)
[Symbol]	INDICATES NEW A.C. PAVING	(5)(6)(8)
[Symbol]	INDICATES CONC. AND SIDEWALK REMOVAL	(5)
[Symbol]	INDICATES ENHANCED CONCRETE PAVING	(25)



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**PRIVATE ENGINEERING NOTE**  
CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALITY OF THE CONSTRUCTION PROFESSIONAL ENGINEERING CONTRACTOR AGREEMENT TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR THE DESIGN AND CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY THAT THIS CONTRACTOR SHALL BE MADE TO HOLD CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS AND CONSTRUCTION CONTRACTOR HEREBY AGREES TO BE RESPONSIBLE AND HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF DESIGN PROFESSIONAL.



PREPARED UNDER THE DIRECTION OF:  
*John W. Canty*  
JOHN W. CANTY, PE  
REGISTERED CIVIL ENGINEER NO. 17550  
EXPIRATION DATE: 6-30-01 DATE: 11/6/97  
CITY OF RIVERSIDE  
PUBLIC UTILITIES DEPARTMENT - WATER  
Richard J. Dornish 11/2/97  
APPROVED BY: [Signature]  
VOID ONE YEAR FROM THIS DATE

**CEC** CANTY ENGINEERING GROUP, INC.  
CIVIL ENGINEERING - PLANNING - SURVEYING  
3120 CHICAGO AVENUE, SUITE 180, P.O. BOX 52050, RIVERSIDE, CA 92517  
TEL (909) 683-5234 FAX (909) 683-5301  
SCALE: 1"=20'  
BENCH MARK: RIV. CO. BM 601-21-68, CALTRANS BRASS DISK SET IN CONC. WELL LOCATED IN CENTERLINE OF MONROE STREET 40' NW OF INDIANA AVENUE  
DATE: JULY 1997

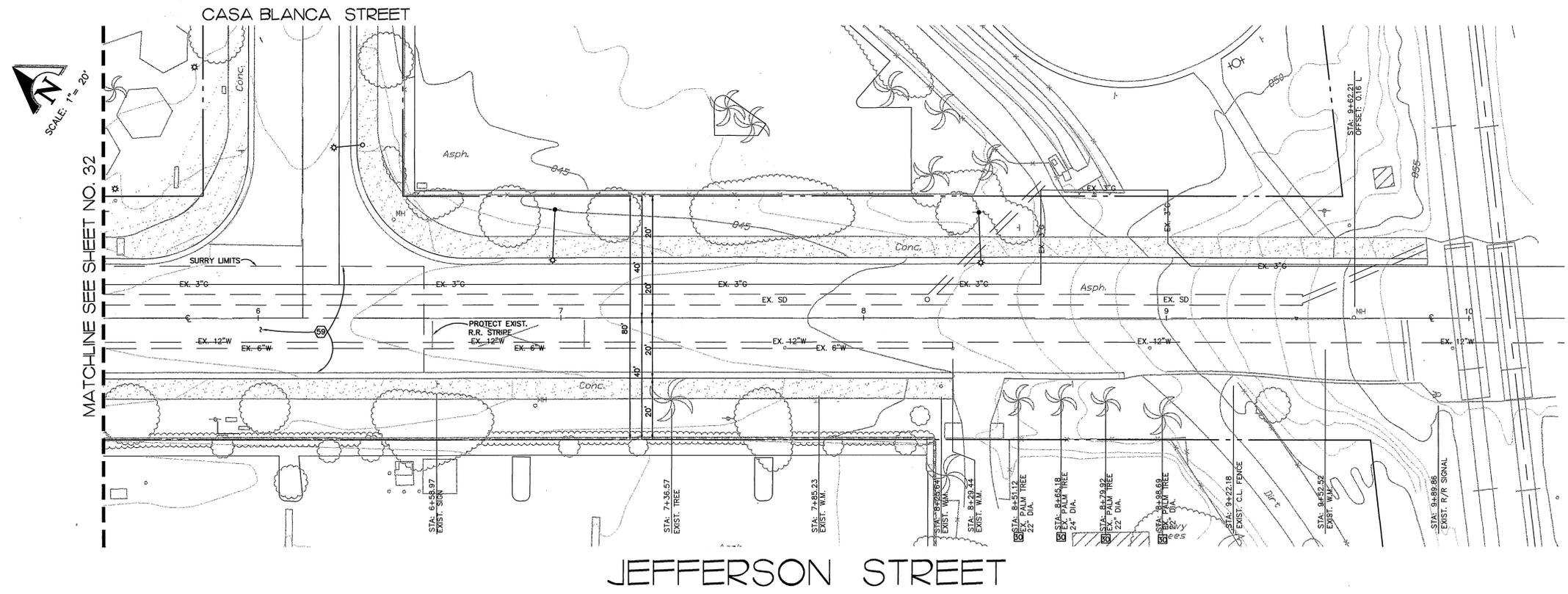
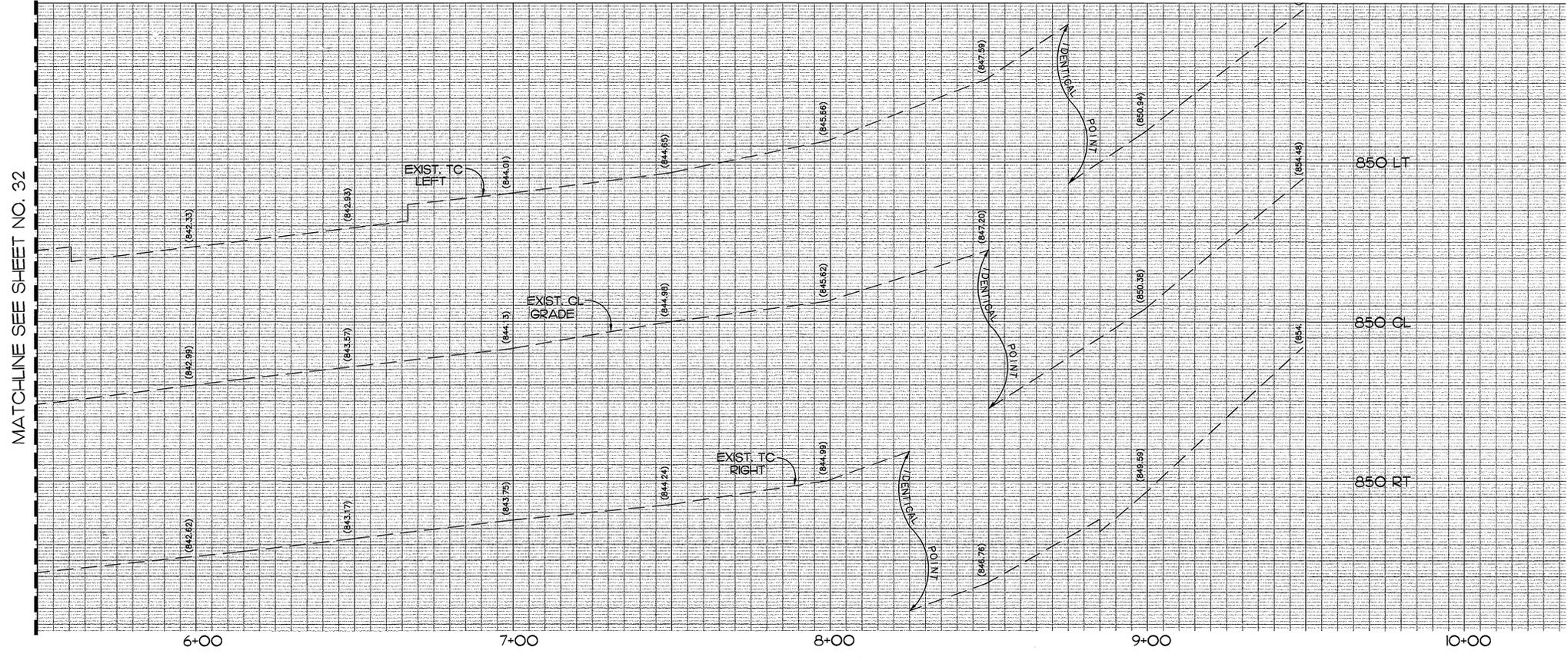
MARK	REVISIONS	APPR. DATE
DESIGNED BY P.C.	DRAWN BY S.L.B.	CHECKED BY D.L.D./J.W.C.

CITY OF RIVERSIDE  
DEPARTMENT OF PUBLIC WORKS  
APPROVED BY: [Signature]  
R. McEneaney  
DIRECTOR OF PUBLIC WORKS  
DATE: 10-19-98

IN THE CITY OF RIVERSIDE, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA  
PROJECT NO. R-3471  
AUTO CENTER RENOVATION PLAN  
STREET IMPROVEMENT PLAN  
DETROIT DRIVE  
STA. 0+00 TO STA. 4+60.10  
SHEET 30 OF 43  
FOR: RIVERSIDE AUTO CENTER ASSESSMENT DISTRICT  
FILE NO.: 1036-003

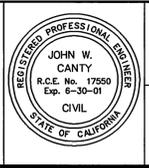
INDEXED 12-26-01 4H





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TWO WORKING DAYS BEFORE YOU DIG

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PREPARED UNDER THE DIRECTION OF  
*John W. Canty*  
JOHN W. CANTY, PE  
REGISTERED CIVIL ENGINEER NO. 17550  
EXPIRATION DATE: 6-30-01 DATE: 11/6/97  
CITY OF RIVERSIDE  
PUBLIC UTILITIES DEPARTMENT-WATER  
APPROVED BY: *Richard J. Dredel* 11/14/97  
VOID ONE YEAR FROM THIS DATE

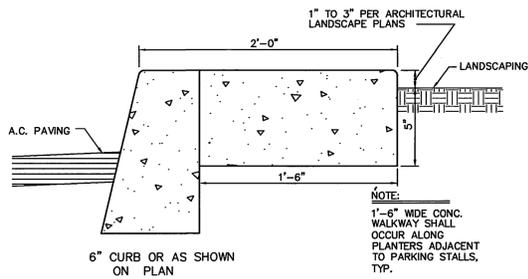
**CEG** CANTY ENGINEERING GROUP, INC.  
CIVIL ENGINEERING - PLANNING - SURVEYING  
3120 CHICAGO AVENUE, SUITE 180, P.O. BOX 52050, RIVERSIDE, CA 92517  
TEL (909) 683 - 5234 FAX (909) 683 - 5301  
SCALE: 1"=20'  
BENCH MARK: RIV. CO. BM 601-21-68, CALTRANS BRASS DISK SET IN CONC. WELL LOCATED IN CENTERLINE OF MONROE STREET 40' NW OF INDIANA AVENUE ELEVATION: 810.933  
DATE: JULY 1997

MARK	REVISIONS	APPR.	DATE
DESIGNED BY: P.C.	DRAWN BY: S.L.B.	CHECKED BY: D.L.D./J.W.C.	

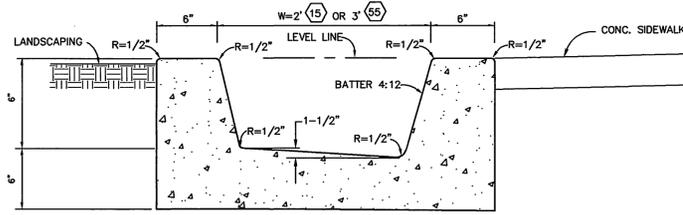
**CITY OF RIVERSIDE**  
DEPARTMENT OF PUBLIC WORKS  
APPROVED BY: *R. McSwain*  
PRINCIPAL ENGR. R. McSwain  
TRAFFIC DIVISION  
DATE: 10-19-98

IN THE CITY OF RIVERSIDE, COUNTY OF RIVERSIDE  
STATE OF CALIFORNIA  
PROJECT NO. R-3471  
AUTO CENTER RENOVATION PLAN  
STREET IMPROVEMENT PLAN  
JEFFERSON STREET  
STA. 4+50 TO STA. 9+90  
SHEET 32 OF 43  
FOR: RIVERSIDE AUTO CENTER ASSESSMENT DISTRICT  
FILE NO.: 9613380

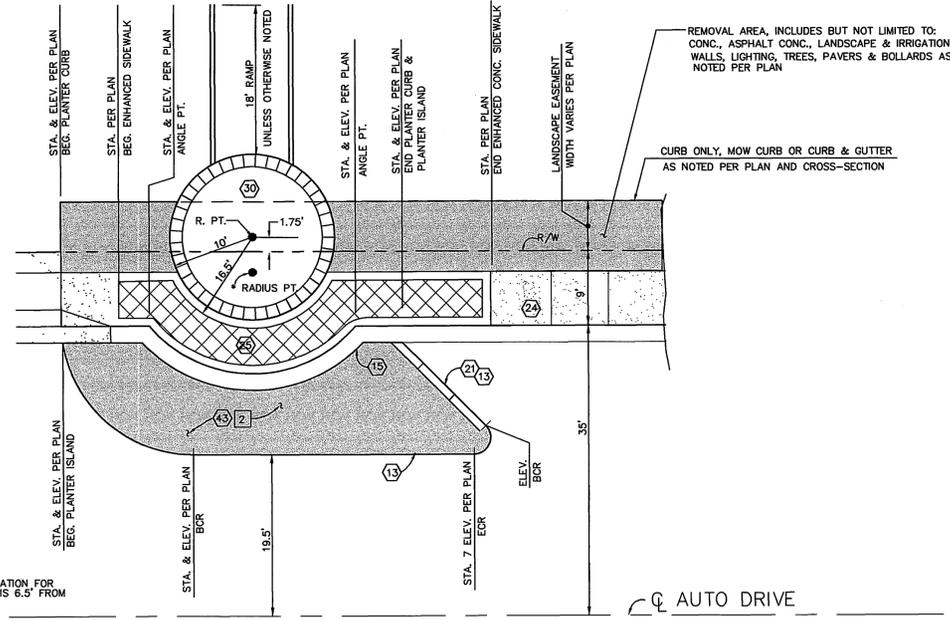
INDEXED 12-26-01 GH



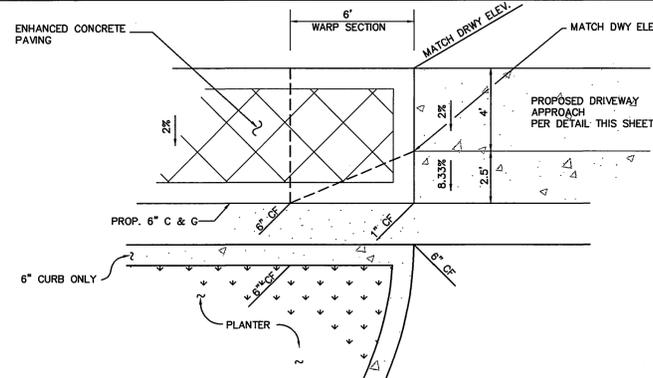
DETAIL - CONCRETE WALK STRIP 21  
N.T.S.



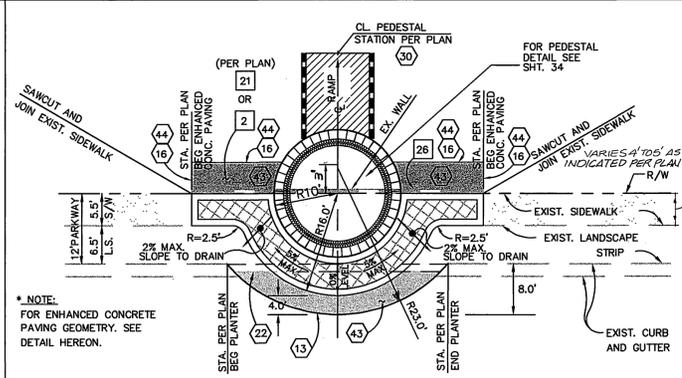
DETAIL 6" CURB THRU PLANTER DRAINAGE SWALE 15 55  
N.T.S.



DISPLAY PEDESTAL - CASE 2  
N.T.S.

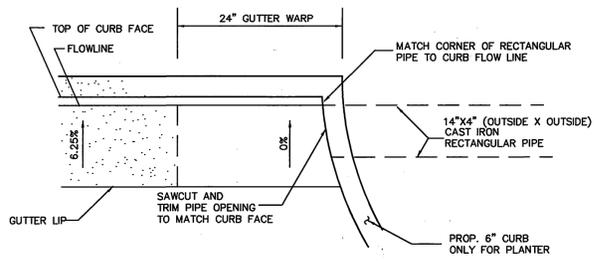


SIDEWALK WARP NEXT TO DRWY APPROACH  
N.T.S.

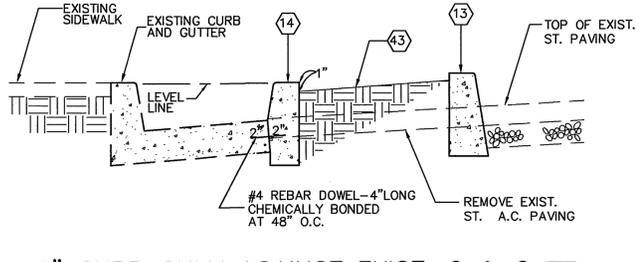


DISPLAY PEDESTAL - CASE 1  
N.T.S.

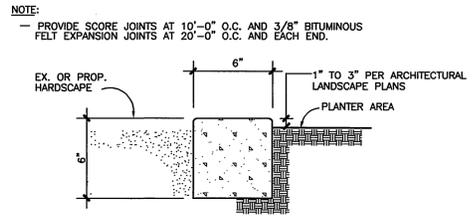
\* INDICATES RADIUS POINT LOCATION FOR MOTOR CIRCLE AND DETROIT IS 6.5' FROM FACE OF EX. CURB



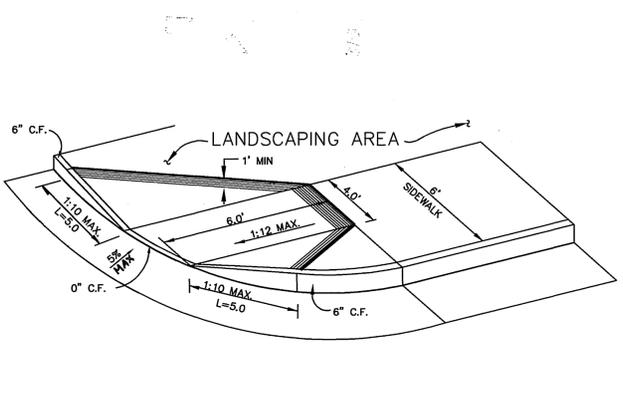
RECTANGULAR PIPE ENTRANCE DETAIL 22  
N.T.S.



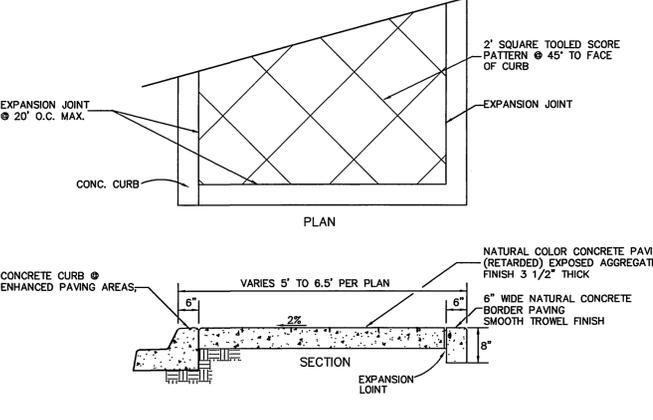
6" CURB ONLY AGAINST EXIST. C & G 14  
N.T.S.



CONCRETE MOWCURB 16  
N.T.S.



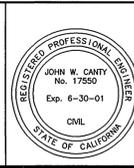
MODIFIED STD. DWG. #304 WHEELCHAIR RAMP 28  
N.T.S.



ENHANCED PAVING AND CURB 25  
N.T.S.

Underground Service Alert  
Call: TOLL FREE  
1 - 800  
227-2600  
TWO WORKING DAYS BEFORE YOU DIG

**PRIVATE ENGINEERING NOTE**  
CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR THE SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY THAT ARE NEARBY. CONTRACTOR SHALL BE RESPONSIBLE FOR CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF DESIGN PROFESSIONAL.



PREPARED UNDER THE DIRECTION OF:  
*John W. Canty*  
JOHN W. CANTY, PE  
REGISTERED CIVIL ENGINEER NO. 17550  
EXPIRATION DATE: 6-30-01 DATE: 11/6/99

**CEG** CANTY ENGINEERING GROUP, INC.  
CIVIL ENGINEERING - PLANNING - SURVEYING  
3120 CHICAGO AVENUE, SUITE 180, P.O. BOX 52050, RIVERSIDE, CA 92517  
TEL (909) 683 - 5234 FAX (909) 683 - 5301  
CITY OF RIV. BUSINESS TAX ACCT. NO. 69372 EXP. DATE 04-07-98

SCALE: AS SHOWN BENCH MARK:  
DATE: MARCH 1997

MARK	REVISIONS	APPR. DATE

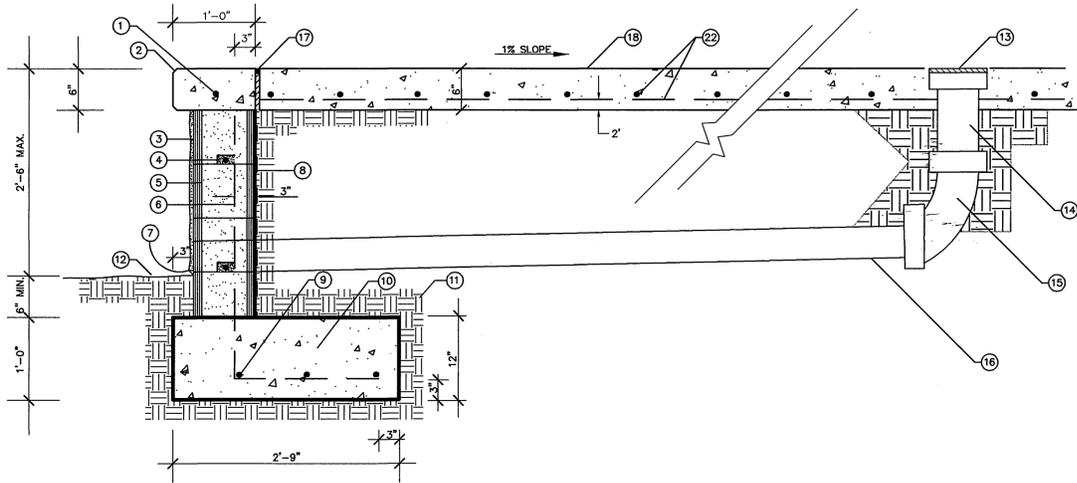
DESIGNED BY DLD/PC. DRAWN BY GEG. CHECKED BY JWC/DLD

CITY OF RIVERSIDE,  
DEPARTMENT OF PUBLIC WORKS

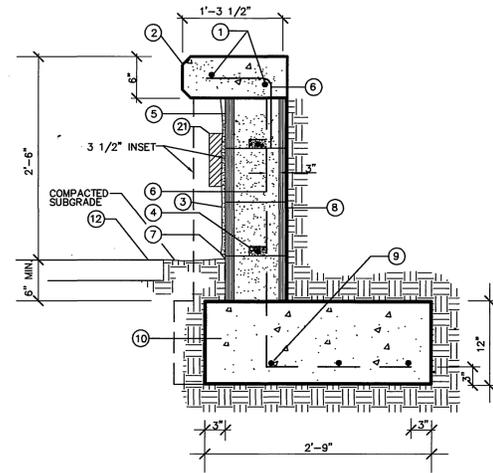
APPROVED BY: *R. McSwath*  
PRINCIPAL ENGR. DATE: 10-19-98  
TRAFFIC DIVISION: *CB*  
CHIEF P. ENGR. DATE: 10-19-98

IN THE CITY OF RIVERSIDE, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA  
PROJECT NO. R-3471  
AUTO CENTER RENOVATION PLAN  
STREET IMPROVEMENT PLAN  
DETAIL SHEET  
SHEET 33 OF 43  
FOR: RIVERSIDE AUTO CENTER ASSESSMENT DISTRICT  
FILE NO.: 1036-003

INDEXED 12-26-01 gfh



DISPLAY PEDESTAL  
SECTION DETAIL "B-B"  
N.T.S.



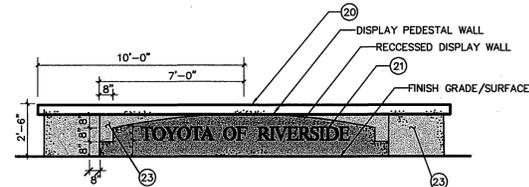
DISPLAY PEDESTAL  
SECTION DETAIL "A-A"  
N.T.S.

NOTES:

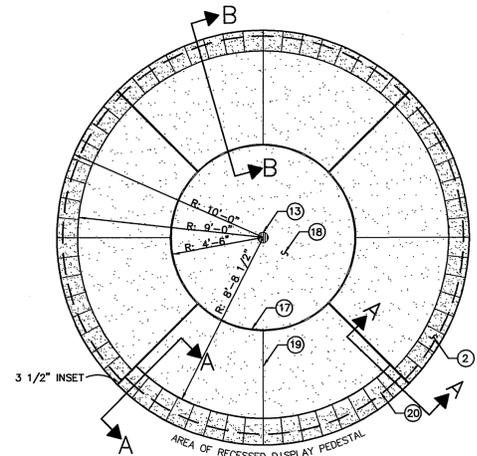
- 1 #4 HORIZONTAL BAR, CENTERED VERTICALLY, CONTINUOUS.
- 2 CAST IN PLACE CONC. WALL CAP WITH 3/4" CHAMFER, COLOR TO BE SELECTED. (SECTION "B-B")
- 3 STUCCO PLASTER \_\_\_\_\_ COLOR, \_\_\_\_\_ FINISH.
- 4 #4 HORIZONTAL BAR @ BOND BEAM BLOCKS, GROUT KNOCK OUT, CONTINUOUS @ 16" VERTICAL CENTER.
- 5 8 X 8 X 16 STRUCTURAL CONC. BLOCK, GROUT SOLID ALL CELLS OR CAST-IN-PLACE CONC.
- 6 #4 VERTICAL BAR @ 16" O.C.
- 7 STUCCO SCREED.
- 8 2 COATS ASPHALTIC EMULSION SEALANT.
- 9 #4 BAR CONTINUOUS.
- 10 CONCRETE FOOTING.
- 11 COMPACTED SUBGRADE.
- 12 FINISH GRADE.
- 13 "NDS" #9108 BRASS INLET DRAIN GRATE.
- 14 4" SCHEDULE 40 PVC RISER.
- 15 SCHEDULE 80 PVC ANGLE FITTING.
- 16 4" SCHEDULE 40 PVC SOLID DRAIN PIPE. (ROUTE PIPE PLANTER AREA'S)
- 17 5/8" EXPANSION JOINT W/PERFORMED FELT JOINT FILLER AND 5/8" X 1/2" ELASTOMERIC SEALANT - COLOR TO BE SELECTED.
- 18 6" THICK CONCRETE PAVING.
- 19 TOOLED CONTROL JOINT.
- 20 CAST IN PLACE CONC. WALL CAP WITH 3/4" CHAMFER, COLOR TO BE SELECTED (SECTION "A-A")
- 21 DISPLAY PEDESTAL SIGN LETTER.
- 22 #3 BAR CONTINUOUS, 12" O.C. BOTH DIRECTIONS.
- 23 CONC. OR WOOD FRAME AND STUCCO (ARCH COLOR AND FINISH TO BE SELECTED).

DISPLAY PEDESTAL DEALERSHIP NAME SCHEDULE:

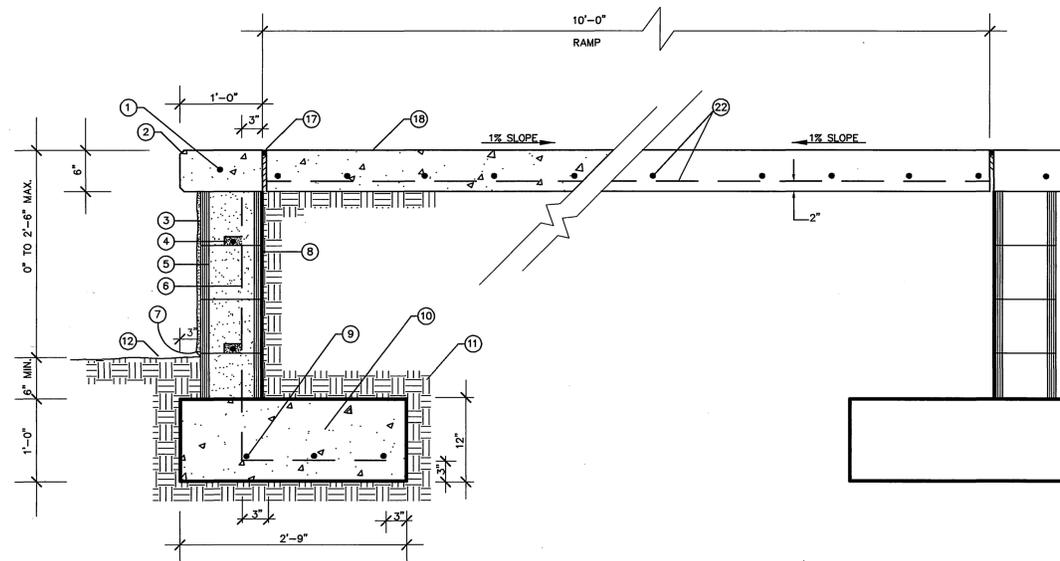
- ACURA OF RIVERSIDE
- ALVAREZ LINCOLN-MERCURY
- BMW OF RIVERSIDE
- DUTTON MOTOR COMPANY - CADILLAC/GMC TRUCK/OLDSMOBILE
- FRITTS FORD
- HYUNDAI
- JEEP-EAGLE
- KARS YES
- KIA OF RIVERSIDE
- MITSUBISHI MOTORS
- MOSS MOTORS - DODGE
- MULLER-HOOD - BUICK
- MULLER-HOOD - PONTIAC-SUZUKI
- QUAID INTERNATIONAL AUTO EXPO
- VOLKSWAGON
- SUBARU
- NISSAN
- MAZDA
- HONDA
- RIVERSIDE CHEVROLET-GEO
- RIVERSIDE CHRYSLER-PLYMOUTH
- TOYOTA OF RIVERSIDE
- WALTERS - MERCEDEZ-BENZ
- WALTERS - PORSCHE



DISPLAY PEDESTAL ELEVATION  
N.T.S.



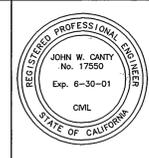
DISPLAY PEDESTAL PLAN VIEW  
N.T.S.



DISPLAY PEDESTAL RAMP DETAIL  
N.T.S.

Underground Service Alert  
Call: TOLL FREE  
1 - 800  
227-2600  
TWO WORKING DAYS BEFORE YOU DIG

**PRIVATE ENGINEERING NOTE**  
CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND CONSTRUCTION CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF DESIGN PROFESSIONAL.



PREPARED UNDER THE DIRECTION OF:  
*John W. Canty*  
JOHN W. CANTY, P.E.  
REGISTERED CIVIL ENGINEER NO. 17550  
EXPIRATION DATE: 6-30-01 DATE: 11/6/97

**CEG** CANTY ENGINEERING GROUP, INC.  
CIVIL ENGINEERING - PLANNING - SURVEYING  
3120 CHICAGO AVENUE, SUITE 180, P.O. BOX 52050, RIVERSIDE, CA 92517  
TEL (909) 683 - 5234 FAX (909) 683 - 5301  
SCALE: AS SHOWN BENCH MARK:  
DATE: JULY 1997

MARK	REVISIONS	APPR.	DATE

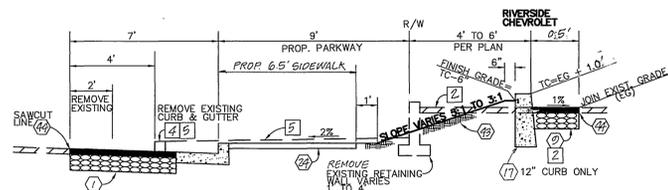
DESIGNED BY L.M./G.F. DRAWN BY G.F.G. CHECKED BY D.L.D.

CITY OF RIVERSIDE,  
DEPARTMENT OF PUBLIC WORKS  
APPROVED BY: *R. M. Smith*  
PRINCIPAL ENGR. DATE: 10-19-98  
TRAFFIC DIVISION  
CHIEF P.W. ENGR.

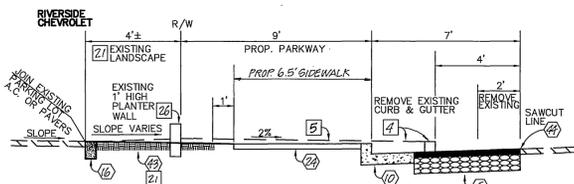
IN THE CITY OF RIVERSIDE, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA  
PROJECT NO. R-3471  
AUTO CENTER RENOVATION PLAN  
STREET IMPROVEMENT PLAN  
DISPLAY PEDESTAL DETAILS  
SHEET 34 OF 43  
FOR: RIVERSIDE AUTO CENTER ASSESSMENT DISTRICT  
FILE NO.: 1036-003

10/19/98 INDEXED 12-26-01 LTH

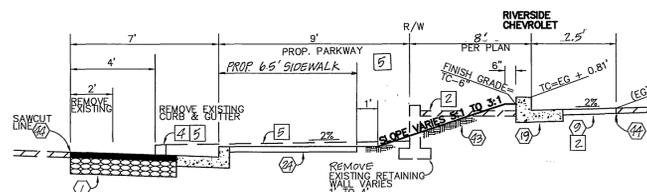




TYPICAL SECTION "RC1" (RIVERSIDE CHEVROLET)

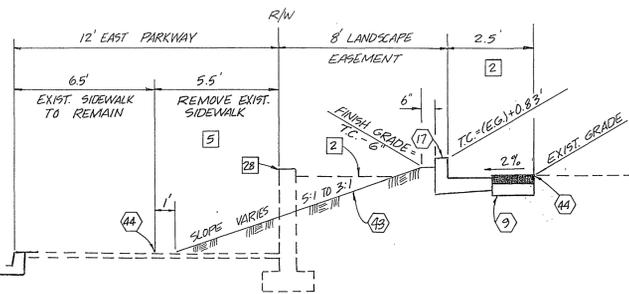


TYPICAL SECTION "DM2" (DUTTON MOTORS)



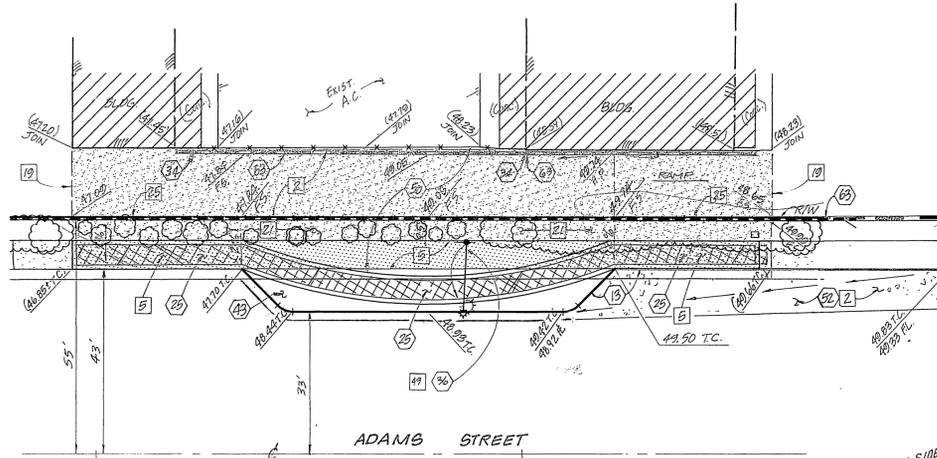
TYPICAL SECTION "RC2" (RIVERSIDE CHEVROLET)

MOTOR CIRCLE WEST



TYPICAL SECTION RC3 (RIVERSIDE CHEVROLET)

N.T.S.

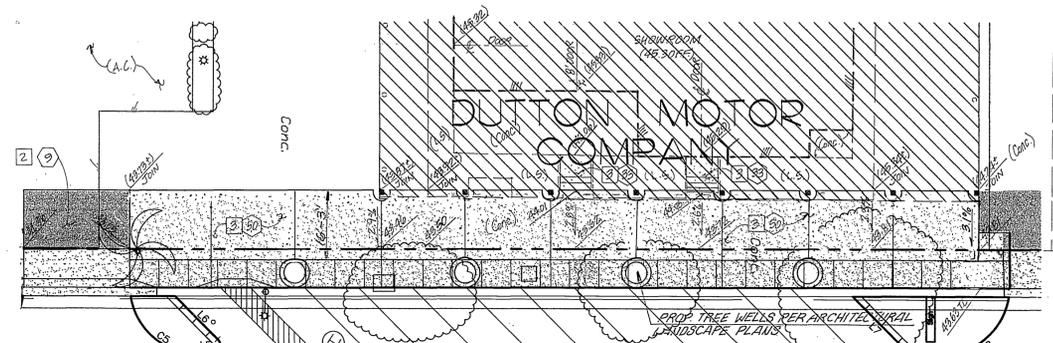


ADAMS STREET

CHEVROLET - GEO

1" = 20'

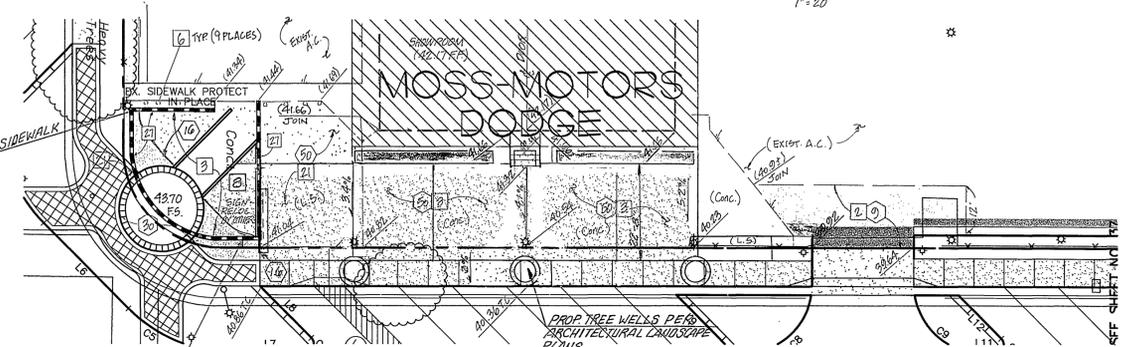
SEE SHEET NO. 24 & 25



AUTO DRIVE SEE SHEET 17

DUTTON MOTOR COMPANY

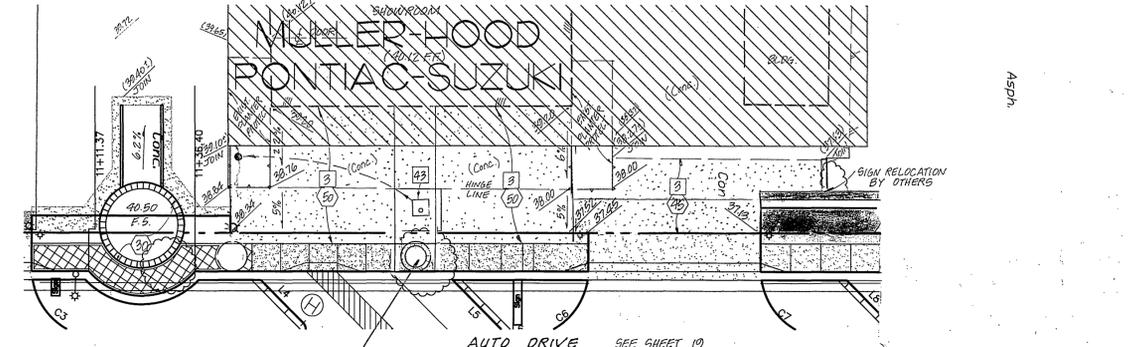
1" = 20'



AUTO DRIVE SEE SHEET 18

MOSS - MOTORS DODGE

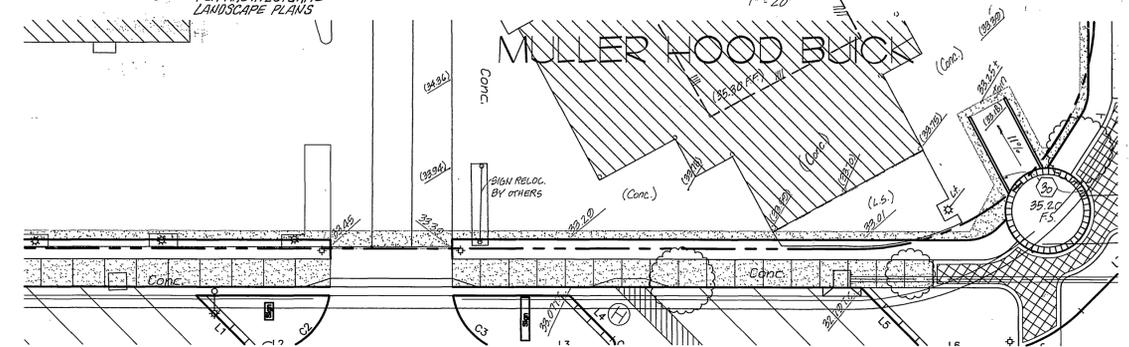
1" = 20'



AUTO DRIVE SEE SHEET 19

MULLER-HOOD PONTIAC-SUZUKI

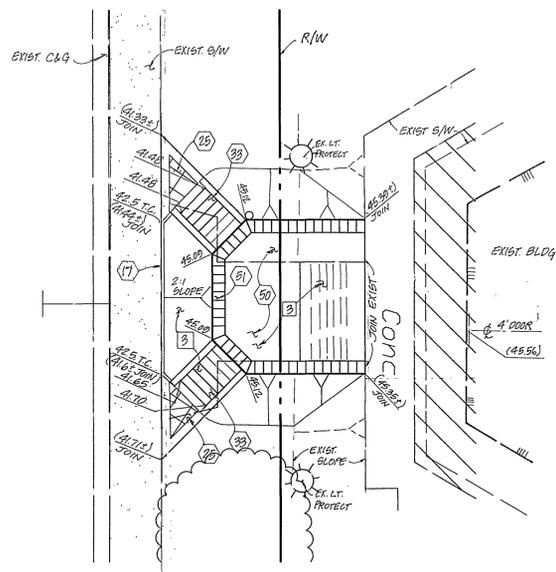
1" = 20'



AUTO DRIVE SEE SHEET 21

MULLER-HOOD BUICK

1" = 20'



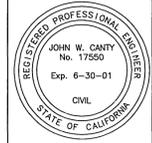
TOYOTA

1" = 10'

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227-2600  
TWO WORKING DAYS BEFORE YOU DIG

PRIVATE ENGINEERING NOTE

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PREPARED UNDER THE DIRECTION OF:  
*John W. Canty*  
JOHN W. CANTY, PE  
REGISTERED CIVIL ENGINEER NO. 17550  
EXPIRATION DATE: 6-30-01 DATE: 11/6/97

**CEG** CANTY ENGINEERING GROUP, INC.  
CIVIL ENGINEERING - PLANNING - SURVEYING  
3120 CHICAGO AVENUE, SUITE 180, P.O. BOX 52050, RIVERSIDE, CA 92517  
TEL (909) 683 - 5234 FAX (909) 683 - 5301

SCALE: AS SHOWN BENCH MARK:  
DATE: JULY 1997

MARK	REVISIONS	APPR. DATE

DESIGNED BY DLD DRAWN BY GEG CHECKED BY JWC

CITY OF RIVERSIDE,  
DEPARTMENT OF PUBLIC WORKS

APPROVED BY: *R.M. Smith*  
PRINCIPAL ENGR. DATE: 10/19/98  
PARK DEPARTMENT  
TRAFFIC DIVISION  
CHIEF P. WENGR. DATE: 10-19-98

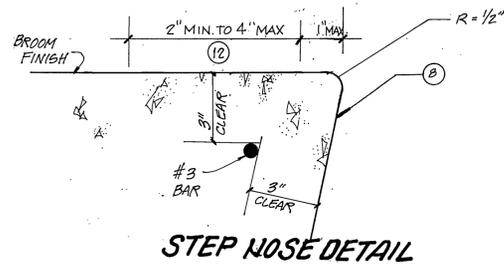
IN THE CITY OF RIVERSIDE, COUNTY OF RIVERSIDE  
STATE OF CALIFORNIA

AUTO CENTER RENOVATION PLAN R-3471

STREET IMPROVEMENT PLAN  
CONSTRUCTION DETAILS  
(ONSITE)

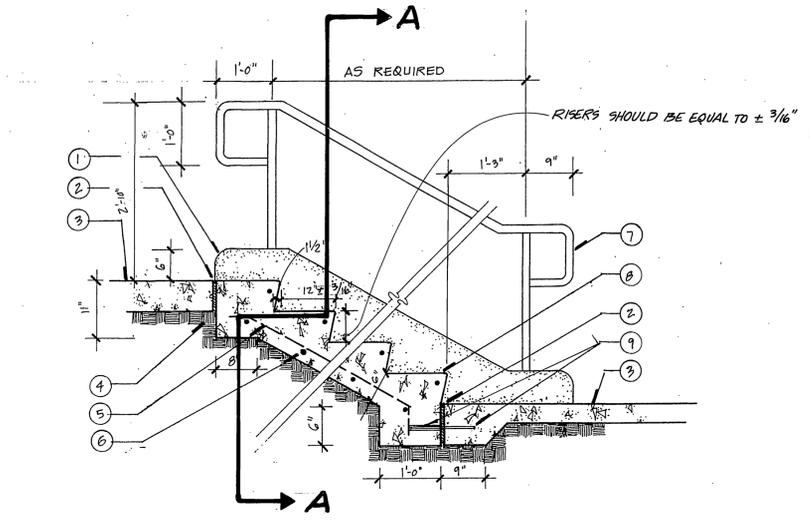
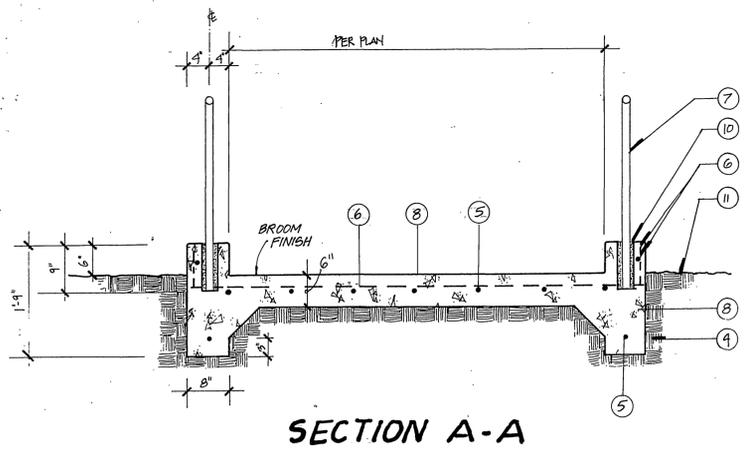
FOR: RIVERSIDE AUTO CENTER ASSESSMENT DISTRICT

PROJECT NO. R-3471  
SHEET 36 OF 43  
FILE NO.: 1036-003

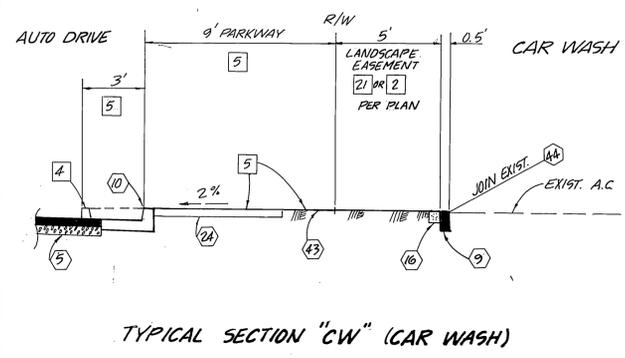


**CONSTRUCTION NOTES**

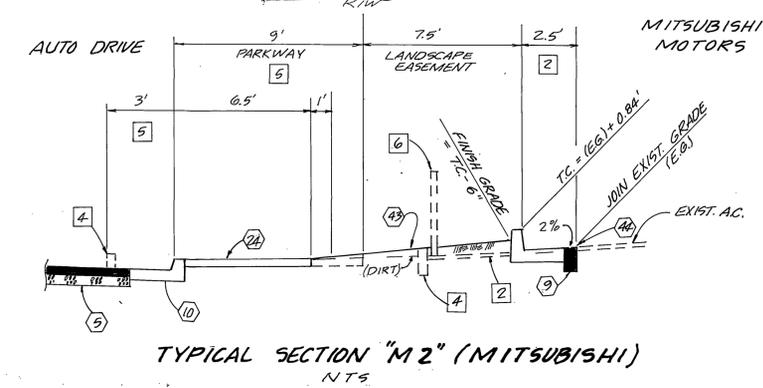
- 1 Cast-in-Place Concrete Handrail Curb w/3" End Radius
- 2 Expansion Joint
- 3 Concrete Walk, PER PLAN
- 4 Compacted Subgrade
- 5 #4 Vertical Bar @ 12" O.C.
- 6 #4 Horizontal Bar @ 12" O.C.
- 7 1-1/2" O.D. Schedule 40 STEEL PIPE Handrail w/ 1 Coat Rust Inhibiting Primer and 2 Coats Enamel Finish, Color to be Selected, BY ENGINEER.
- 8 Cast-in-Place Concrete Step with #3 Nose Bar (min. 3" clr).
- 9 Schedule 80 PVC Sleeve w/ 12" #4 Bar Dowel
- 10 Non-Shrink Setting Grout
- 11 Finish Grade
- 12 WARNING STRIPS ON ALL TRENDS PER ADA - TITLE 24 REQUIREMENT.



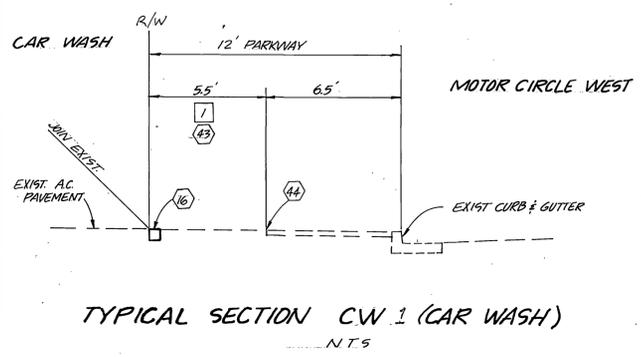
**CONCRETE STEPS**  
N.T.S.



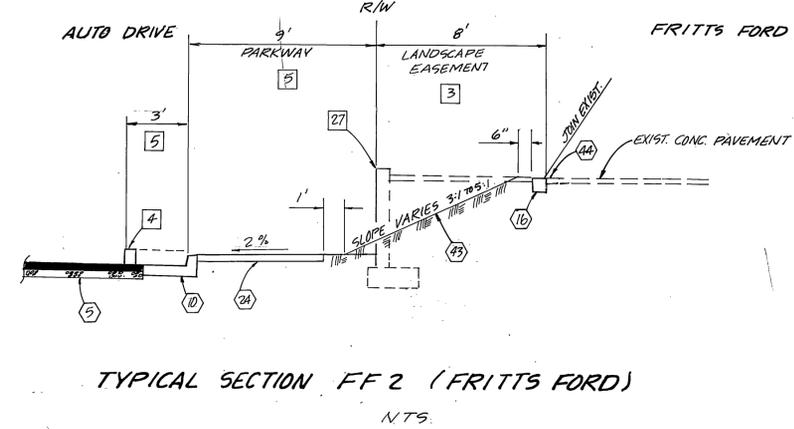
**TYPICAL SECTION "CW" (CAR WASH)**  
N.T.S.



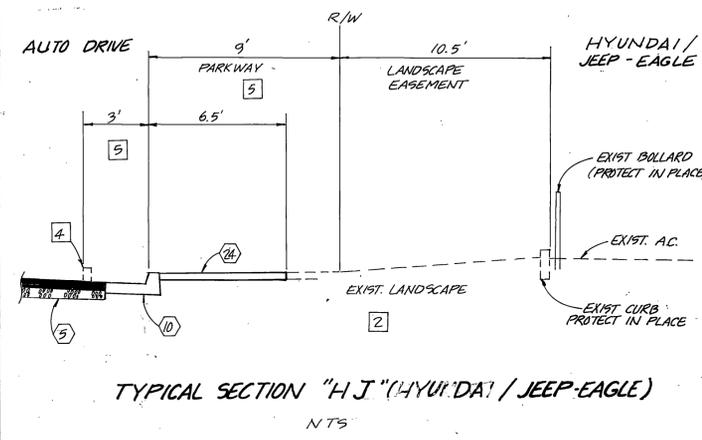
**TYPICAL SECTION "M2" (MITSUBISHI)**  
N.T.S.



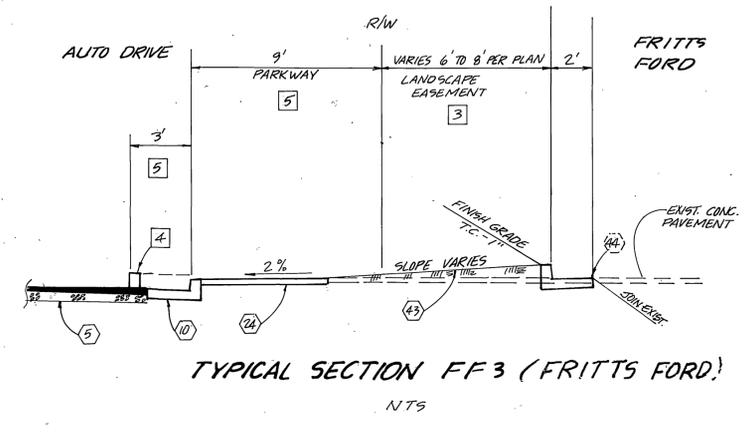
**TYPICAL SECTION CW 1 (CAR WASH)**  
N.T.S.



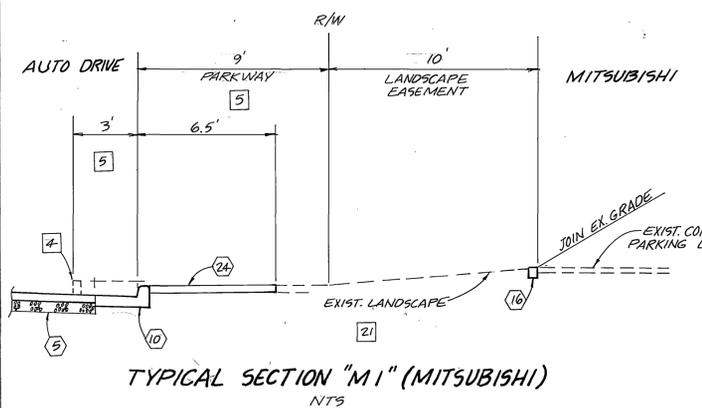
**TYPICAL SECTION FF 2 (FRITTS FORD)**  
N.T.S.



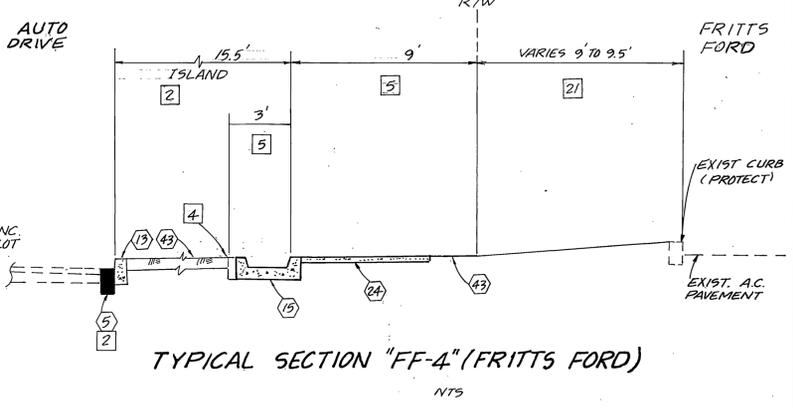
**TYPICAL SECTION "HJ" (HYUNDAI / JEEP-EAGLE)**  
N.T.S.



**TYPICAL SECTION FF 3 (FRITTS FORD)**  
N.T.S.



**TYPICAL SECTION "M1" (MITSUBISHI)**  
N.T.S.



**TYPICAL SECTION "FF-4" (FRITTS FORD)**  
N.T.S.

PLOT DATE: 3-21-97 K:\9513390\STREETS\3390S138.DWG

Underground Service Alert  
Call: TOLL FREE  
1 - 800  
227 - 2600  
TWO WORKING DAYS BEFORE YOU DIG

**PRIVATE ENGINEERING NOTE**  
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PREPARED UNDER THE DIRECTION OF  
*John W. Cauty*  
JOHN W. CAUTY, PE  
REGISTERED CIVIL ENGINEER NO. 17550  
Exp. 6-30-01 DATE: 1/6/97

**CEG** CANTY ENGINEERING GROUP, INC.  
CIVIL ENGINEERING - PLANNING - SURVEYING  
3120 CHICAGO AVENUE, SUITE 180, P.O. BOX 52050, RIVERSIDE, CA 92517  
TEL (909) 683 - 5234 FAX (909) 683 - 5301

SCALE: As Shown BENCH MARK: RIV. CO. BM 601-21-68, CALTRANS BRASS DISK SET IN CONC. WELL LOCATED IN CENTERLINE OF MONROE STREET 40' NW OF INDIANA AVENUE ELEVATION: 810.933

DATE: JULY, 1997

MARK	REVISIONS	APPR. DATE

DESIGNED BY P.C. DRAWN BY S.L.B. CHECKED BY D.L.D./J.W.C.

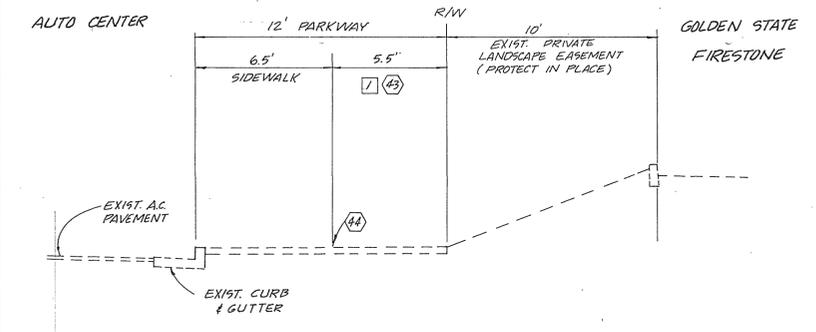
**CITY OF RIVERSIDE**  
DEPARTMENT OF PUBLIC WORKS

APPROVED BY: *R. Mc Brata*  
PRINCIPAL ENGR. DATE: 10-19-98  
TRAFFIC DIVISION CHIEF P. WENGR. DATE: 10-19-98

IN THE CITY OF RIVERSIDE, COUNTY OF RIVERSIDE STATE OF CALIFORNIA  
**AUTO CENTER RENOVATION PLAN**  
STREET IMPROVEMENT PLAN  
CONSTRUCTION DETAIL SHEET

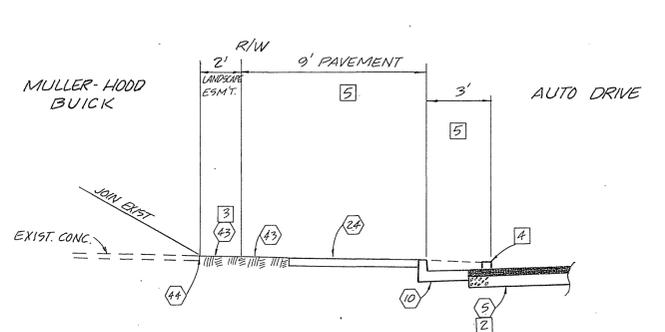
PROJECT NO. R-3471  
SHEET 37 OF 123  
FOR: RIVERSIDE AUTO CENTER ASSESSMENT DISTRICT FILE NO.: 1036-003

INDEXED 12-26-01



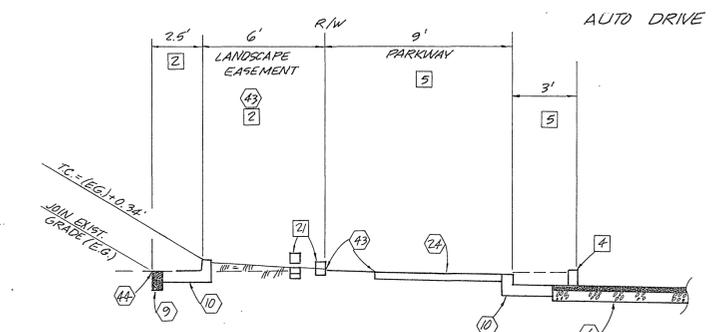
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N.T.S.



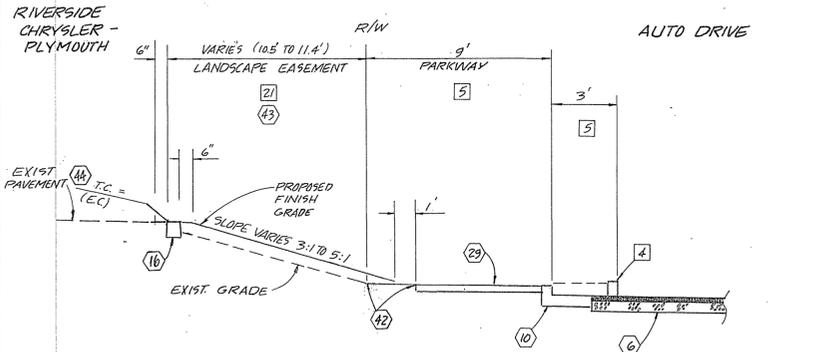
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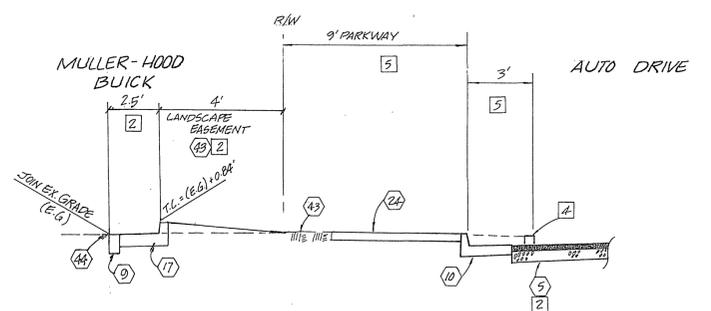
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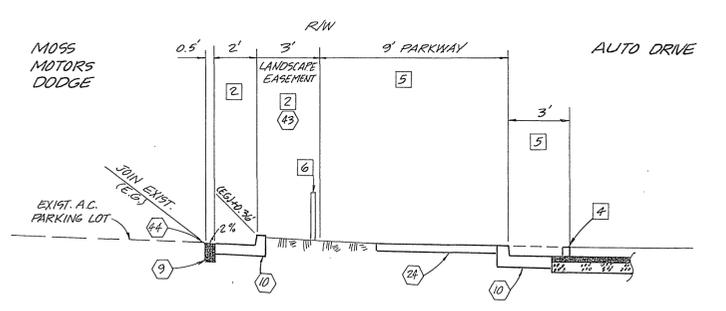
TYPICAL SECTION "CP2" (RIVERSIDE CHRYSLER-PLYMOUTH)

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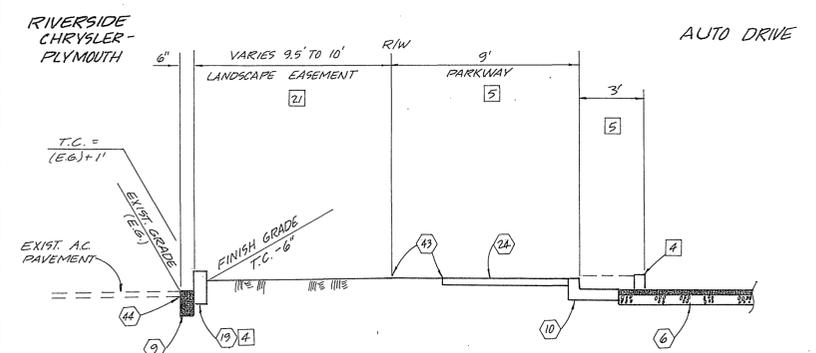
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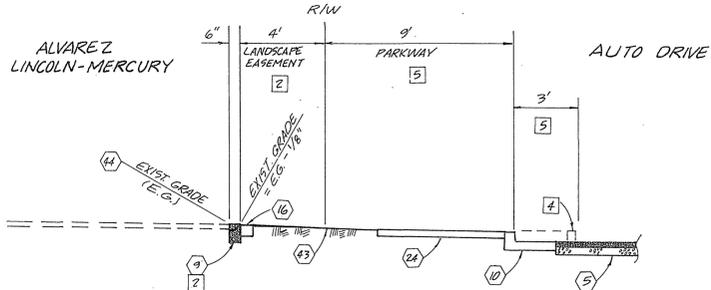
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N.T.S.



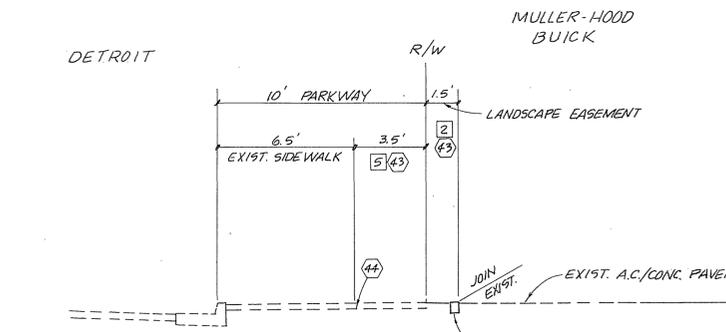
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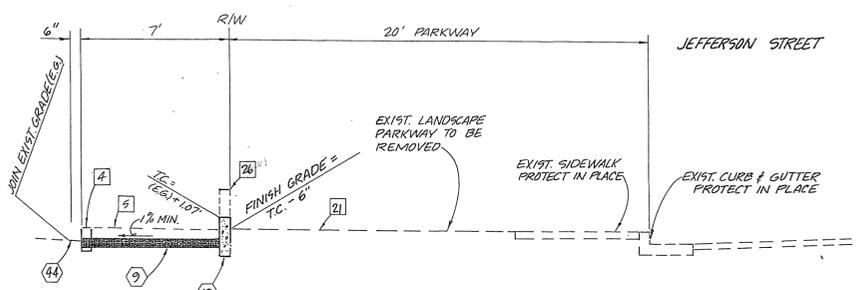
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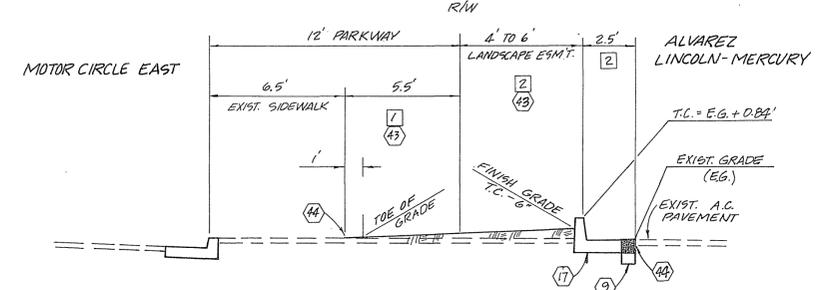
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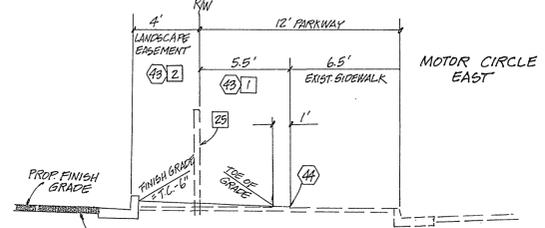
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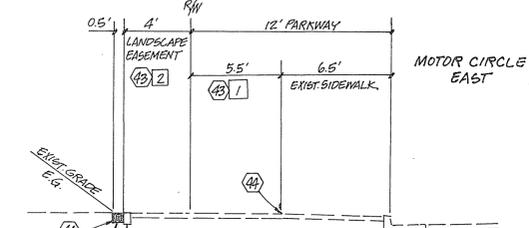
TYPICAL SECTION "LM1" (LINCOLN-MERCURY)

N.T.S.



TYPICAL SECTION "PS2" (PONTIAC-SUZUKI)

N.T.S.



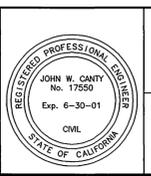
TYPICAL SECTION "PS3" (PONTIAC-SUZUKI)

N.T.S.

PLOT DATE: 3-27-97  
K:\9613380\STREET\3380S34.DWG

Underground Service Alert  
Call: TOLL FREE  
1-800-227-2600  
TWO WORKING DAYS BEFORE YOU DIG

**PRIVATE ENGINEERING NOTE**  
CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR THE DESIGN AND CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY, THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND CONSTRUCTION CONTRACTOR FURTHER AGREES TO DESIGN, INDEMNIFY AND HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF DESIGN PROFESSIONAL.



PREPARED UNDER THE DIRECTION OF  
*John W. Canty*  
JOHN W. CANTY, PE  
REGISTERED CIVIL ENGINEER NO. 17550  
EXPIRATION DATE: 6-30-01 DATE: 11/6/97

**CANTY ENGINEERING GROUP, INC.**  
CIVIL ENGINEERING - PLANNING - SURVEYING  
3120 CHICAGO AVENUE, SUITE 180, P.O. BOX 52050, RIVERSIDE, CA 92517  
TEL (909) 683-5234 FAX (909) 683-5301

SCALE: AS SHOWN BENCH MARK:  
DATE: MARCH 1997

MARK	REVISIONS	APPR.	DATE

DESIGNED BY: DLD/PC DRAWN BY: GEG CHECKED BY: JWC/DLD

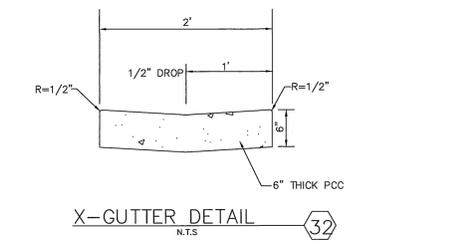
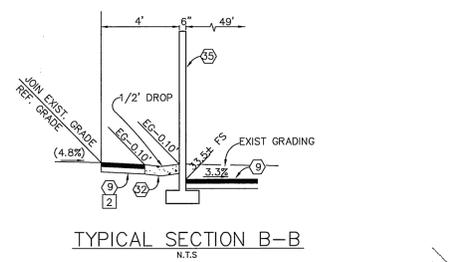
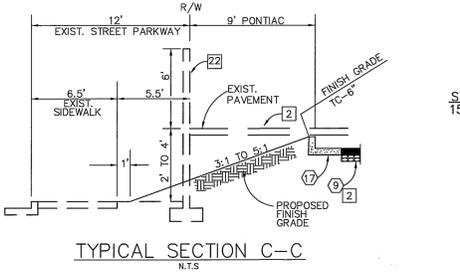
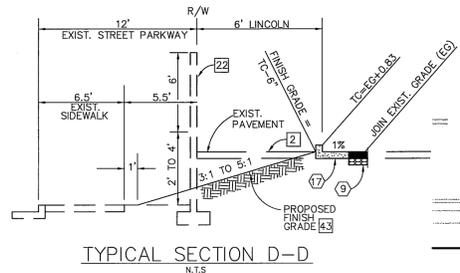
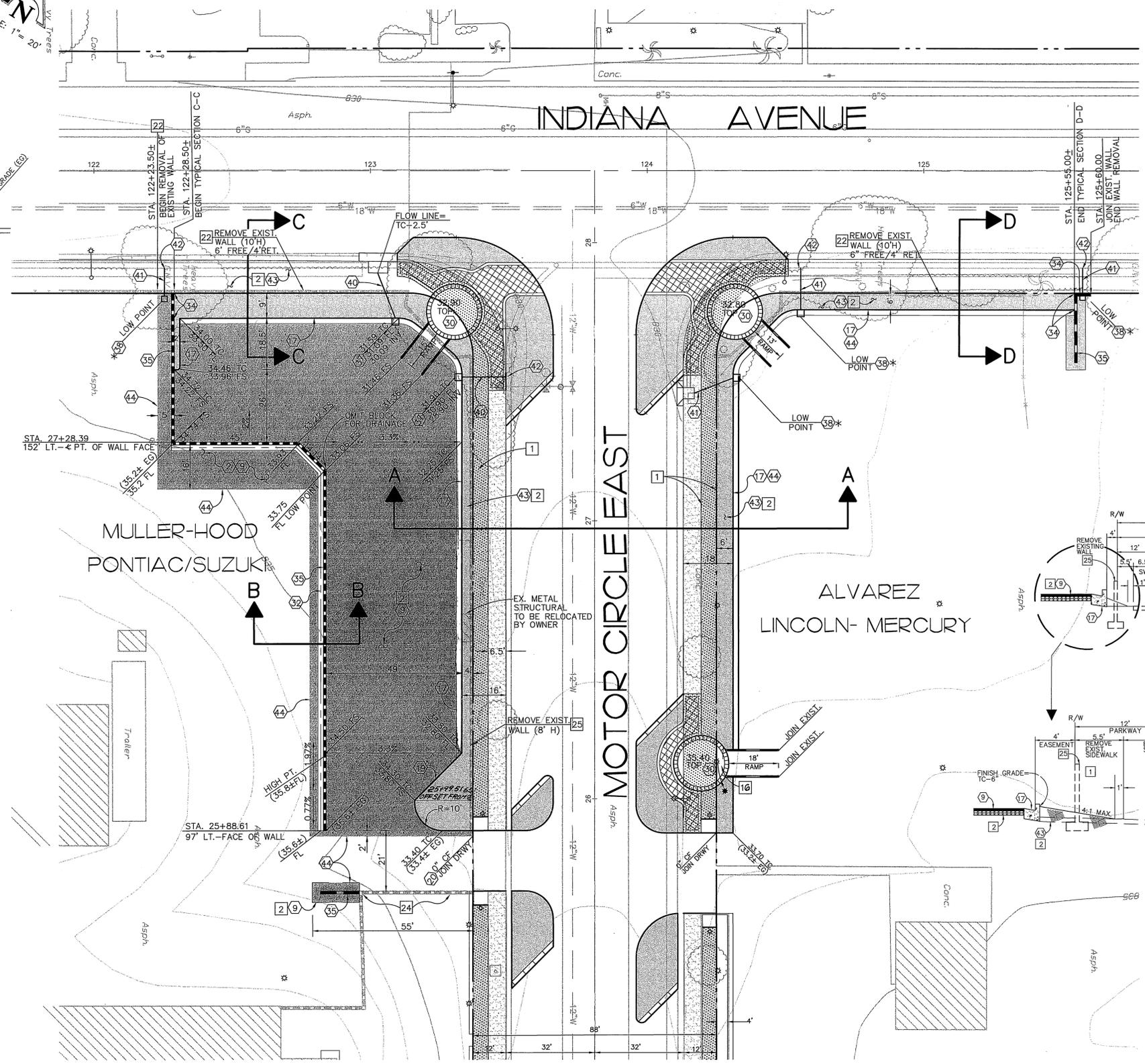
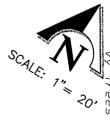
**CITY OF RIVERSIDE,**  
DEPARTMENT OF PUBLIC WORKS

APPROVED BY: *R. M. Smith*  
PRINCIPAL ENGR. DATE: 10-19-98  
TRAFFIC DIVISION  
CHIEF P. ENGR.

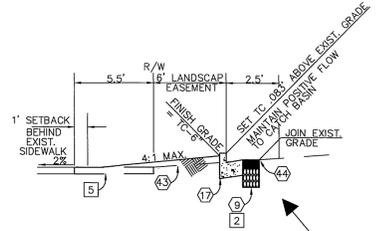
IN THE CITY OF RIVERSIDE, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA  
**AUTO CENTER RENOVATION PLAN**  
DETAILS SHEET

PROJECT NO. **R-3471**  
SHEET **38** OF **43**  
FOR: RIVERSIDE AUTO CENTER ASSESSMENT DISTRICT  
FILE NO.: 1036-003

INDEXED 12-26-01



**NOTE:** CONTRACTOR TO FIELD VERIFY LOW POINT PRIOR TO PLACEMENT OF CATCH BASIN INLET



**NOTE:** SEE SHEET NO. 3 FOR CONSTRUCTION NOTES

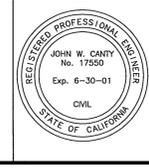
**CONSTRUCTION LEGEND**

- [Hatched Box] INDICATES NEW PLANTING AREAS
- [Dotted Box] INDICATES NEW A.C. PAVING
- [Cross-hatched Box] INDICATES CONC. AND SIDEWALK REMOVAL
- [Grid Box] INDICATES ENHANCED CONCRETE PAVING

# OFF-SITE CONSTRUCTION PLAN

Underground Service Alert  
Call: TOLL FREE  
1 - 800  
227-2600  
TWO WORKING DAYS BEFORE YOU DIG

**PRIVATE ENGINEERING NOTE**  
CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ADOPTED CONSTRUCTION PRACTICES' CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND CONSTRUCTION CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF DESIGN PROFESSIONAL.



PREPARED UNDER THE DIRECTION OF:  
*John W. Canty*  
JOHN W. CANTY, PE  
REGISTERED CIVIL ENGINEER/NO. 17550  
EXPIRATION DATE: 6-30-01 DATE: 11/1/97

**CEG** CANTY ENGINEERING GROUP, INC.  
CIVIL ENGINEERING - PLANNING - SURVEYING  
3120 CHICAGO AVENUE, SUITE 180, P.O. BOX 52050, RIVERSIDE, CA 92517  
TEL (909) 683 - 5234 FAX (909) 683 - 5301

SCALE: 1"=20'  
DATE: JULY 1997

BENCH MARK: RIV. CO. BM 601-21-68, CALTRANS BRASS DISK SET IN CONC. WELL LOCATED IN CENTERLINE OF MONROE STREET 40' NW OF INDIANA AVENUE ELEVATION: 810.833

MARK	REVISIONS	APPR. DATE

DESIGNED BY: \_\_\_\_\_ DRAWN BY: \_\_\_\_\_ CHECKED BY: \_\_\_\_\_

CITY OF RIVERSIDE,  
DEPARTMENT OF PUBLIC WORKS

APPROVED BY: \_\_\_\_\_ BY DATE: \_\_\_\_\_  
PRINCIPAL ENGR. \_\_\_\_\_  
PARK DEPARTMENT \_\_\_\_\_  
TRAFFIC DIVISION \_\_\_\_\_  
CHIEF P.W. ENGR. \_\_\_\_\_

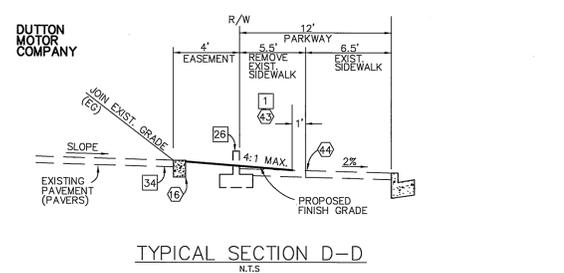
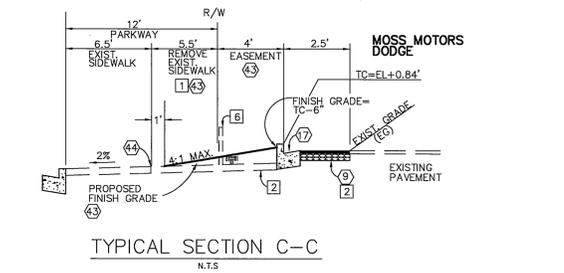
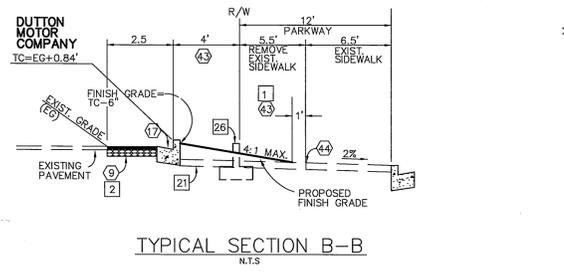
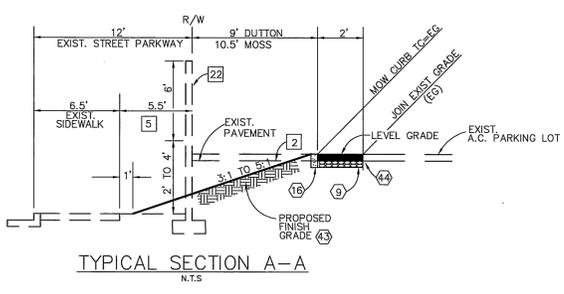
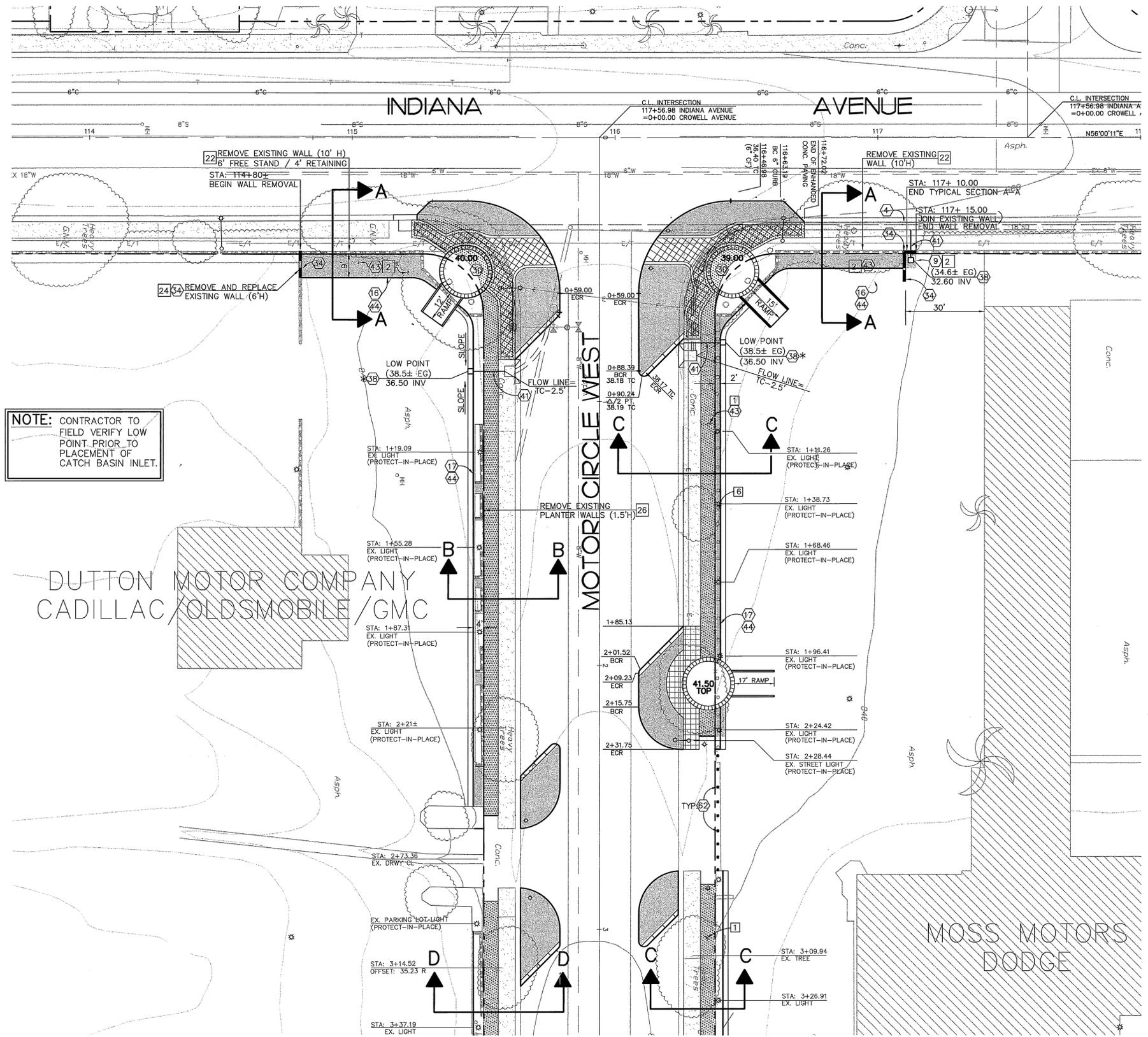
APPROVED BY: *R. McSwain*  
DIRECTOR OF PUBLIC WORKS  
DATE: 10-19-98

IN THE CITY OF RIVERSIDE, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA

**AUTO CENTER RENOVATION PLAN**  
OFF-SITE CONSTRUCTION PLAN  
**MOTOR CIRCLE EAST**  
INDIANA AVENUE

PROJECT NO. **R-3471**  
SHEET **39** OF **43**  
FOR: RIVERSIDE AUTO CENTER ASSESSMENT DISTRICT FILE NO.: 1036-003

INDEXED 12-26-01 gfh



**NOTE:** CONTRACTOR TO FIELD VERIFY LOW POINT PRIOR TO PLACEMENT OF CATCH BASIN INLET.

**NOTE:**  
SEE SHEET NO. 3 FOR CONSTRUCTION NOTES

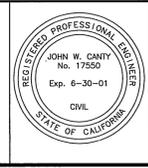
**CONSTRUCTION LEGEND**

[Pattern]	INDICATES NEW PLANTING AREAS	214	43
[Pattern]	INDICATES NEW A.C. PAVING	9	2
[Pattern]	INDICATES CONC. AND SIDEWALK REMOVAL	1	
[Pattern]	INDICATES ENHANCED CONCRETE PAVING	25	

**OFF-SITE CONSTRUCTION PLAN**

Underground Service Alert  
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1 - 800  
227-2600  
TWO WORKING DAYS BEFORE YOU DIG

**PRIVATE ENGINEERING NOTE**  
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PREPARED UNDER THE DIRECTION OF:  
JOHN W. CANTY, PE  
REGISTERED CIVIL ENGINEER NO. 17550  
EXPIRATION DATE: 6-30-01 DATE: 11/2/17

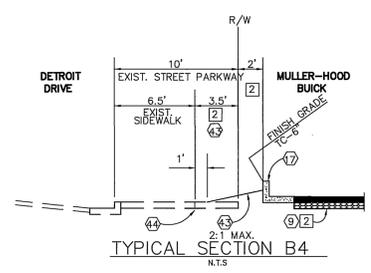
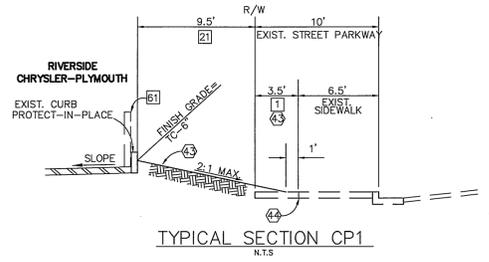
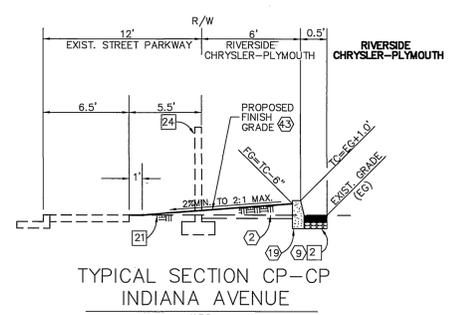
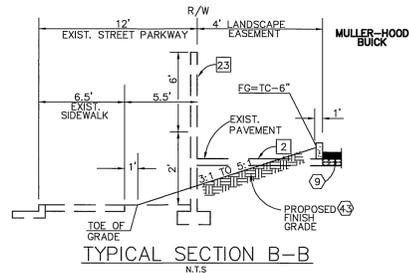
**CEG** CANTY ENGINEERING GROUP, INC.  
CIVIL ENGINEERING - PLANNING - SURVEYING  
3120 CHICAGO AVENUE, SUITE 180, P.O. BOX 52050, RIVERSIDE, CA 92517  
TEL (909) 683 - 5234 FAX (909) 683 - 5301  
SCALE: 1"=20'  
BENCH MARK: RIV. CO. BM 601-21-68, CALTRANS BRASS DISK SET IN CONC. WELL LOCATED IN CENTERLINE OF MONROE STREET 40' NW OF INDIANA AVENUE ELEVATION: 810.933  
DATE: JULY 1997

MARK	REVISIONS	APPR. DATE
DESIGNED BY: DLD	DRAWN BY: GEG	CHECKED BY: JWC

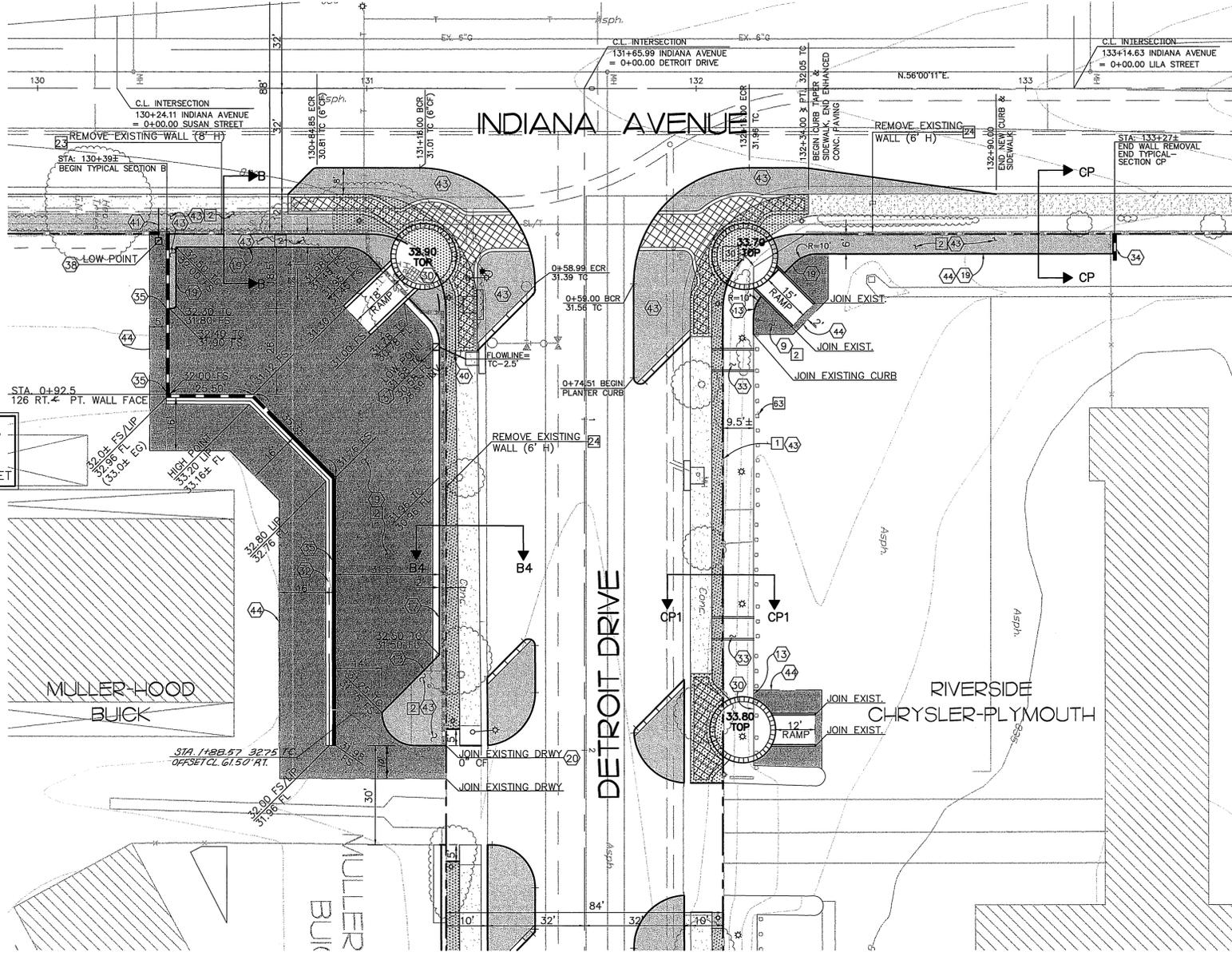
CITY OF RIVERSIDE,  
DEPARTMENT OF PUBLIC WORKS  
APPROVED BY: [Signature] DATE: 10-19-98  
PRINCIPAL ENGR. R. McBratt  
PARK DEPARTMENT  
TRAFFIC DIVISION  
CHIEF P.W. ENGR.

IN THE CITY OF RIVERSIDE, COUNTY OF RIVERSIDE STATE OF CALIFORNIA  
**AUTO CENTER RENOVATION PLAN R-3471**  
OFF-SITE CONSTRUCTION PLAN  
**MOTOR CIRCLE WEST INDIANA AVENUE**  
SHEET 40 OF 43  
FOR: RIVERSIDE AUTO CENTER ASSESSMENT DISTRICT FILE NO.: 1036-003

INDEXED 12-26-a lft



**NOTE:** CONTRACTOR TO FIELD VERIFY LOW POINT PRIOR TO PLACEMENT OF CATCH BASIN INLET



# OFF-SITE CONSTRUCTION PLAN

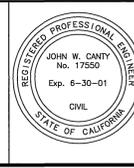
**NOTE:**  
SEE SHEET NO. 3 FOR CONSTRUCTION NOTES

**CONSTRUCTION LEGEND**

[Pattern]	INDICATES NEW PLANTING AREAS	21, 43
[Pattern]	INDICATES NEW A.C. PAVING	9
[Pattern]	INDICATES CONC. AND SIDEWALK REMOVAL	5
[Pattern]	INDICATES ENHANCED CONCRETE PAVING	25

Underground Service Alert  
Call: TOLL FREE  
1 - 800  
227-2600  
TWO WORKING DAYS BEFORE YOU DIG

**PRIVATE ENGINEERING NOTE**  
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PREPARED UNDER THE DIRECTION OF:  
*John W. Canty*  
JOHN W. CANTY, PE  
REGISTERED CIVIL ENGINEER No. 17550  
EXPIRATION DATE: 6-30-01 DATE: 11/21/97

**CEG** CANTY ENGINEERING GROUP, INC.  
CIVIL ENGINEERING - PLANNING - SURVEYING  
3120 CHICAGO AVENUE, SUITE 180, P.O. BOX 52050, RIVERSIDE, CA 92517  
TEL (909) 683 - 5234 FAX (909) 683 - 5301  
SCALE: 1"=20'  
BENCH MARK: RIV. CO. BM 601-21-68, CALTRANS BRASS DISK SET IN CONC. WELL LOCATED IN CENTERLINE OF MONROE STREET 40' NW OF INDIANA AVENUE ELEVATION: 810.933  
DATE: JULY 1997

MARK	REVISIONS	APPR.	DATE

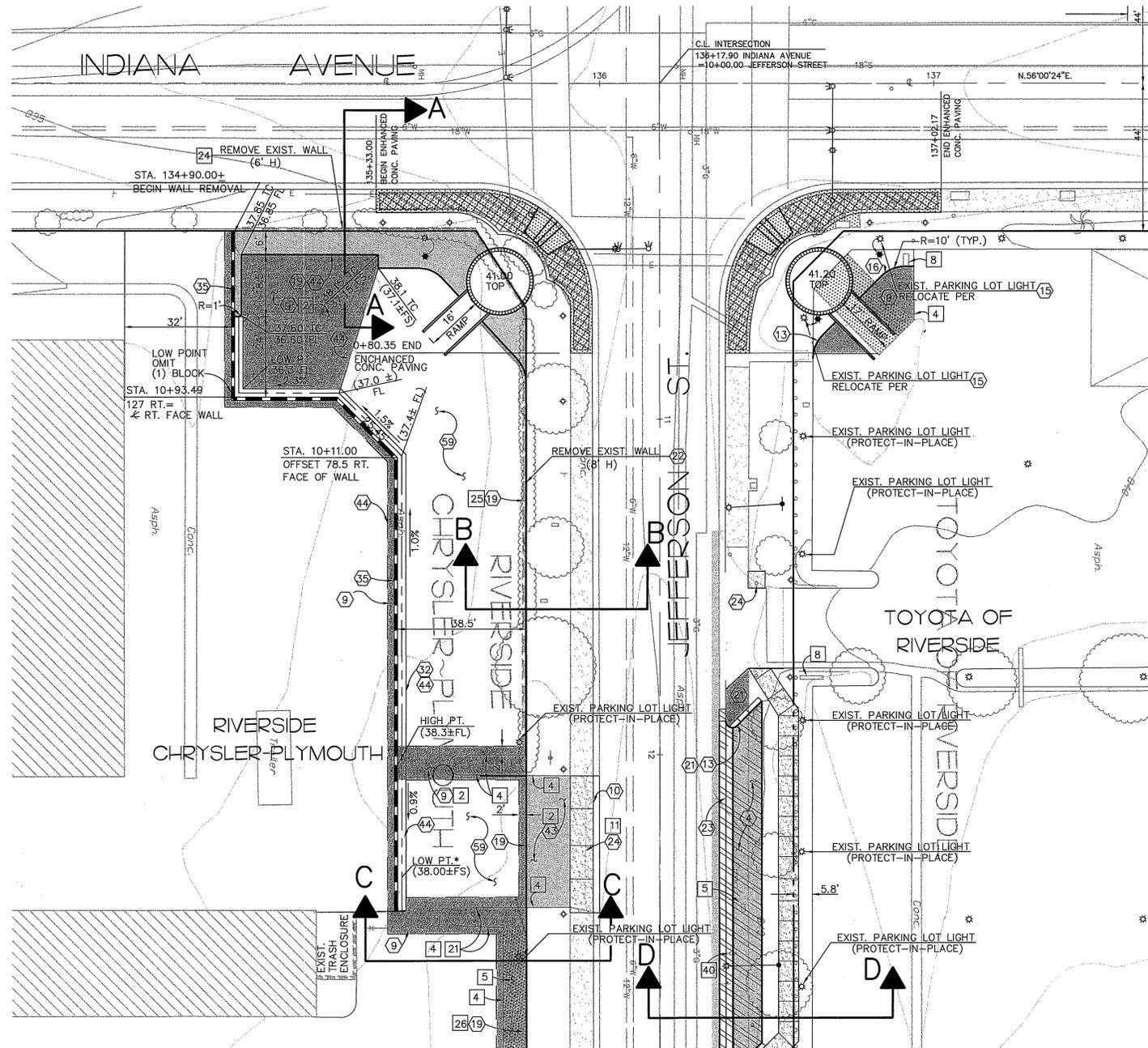
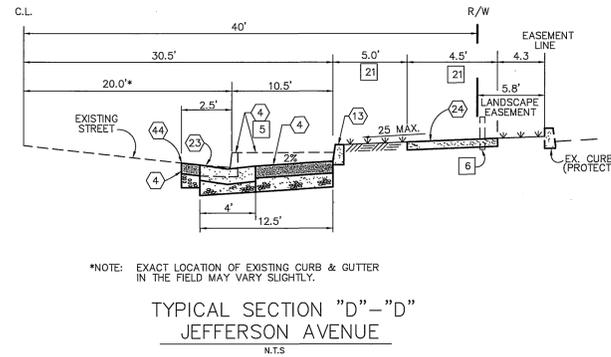
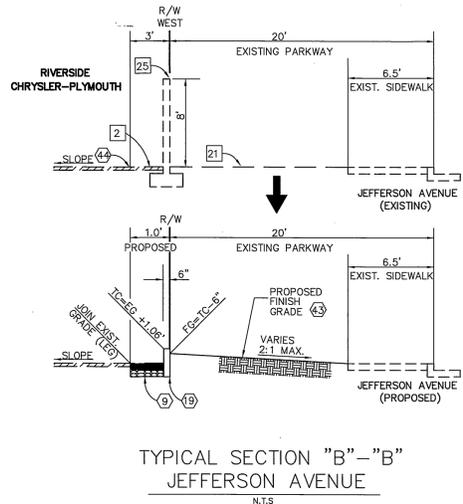
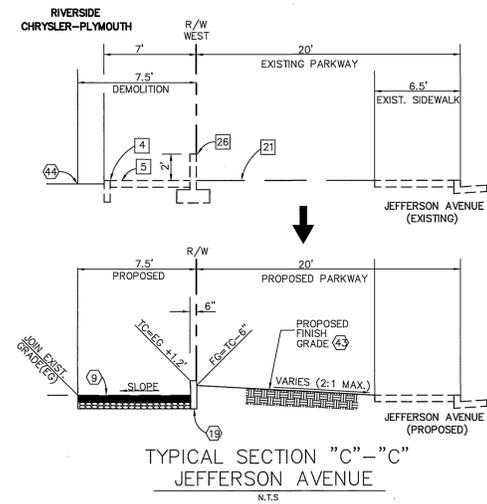
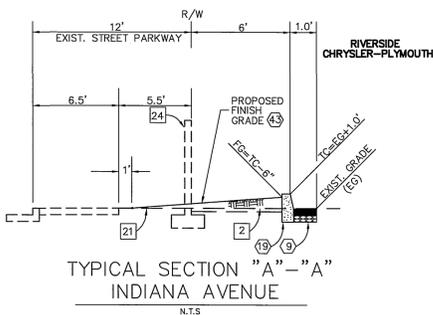
DESIGNED BY: D.L.D. DRAWN BY: G.E.G. CHECKED BY: J.W.C.

CITY OF RIVERSIDE,  
DEPARTMENT OF PUBLIC WORKS  
APPROVED BY: [Signature]  
PRINCIPAL ENGR. DATE: 10-19-96  
PARK DEPARTMENT  
TRAFFIC DIVISION  
CHIEF P.W. ENGR.

IN THE CITY OF RIVERSIDE, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA  
**AUTO CENTER RENOVATION PLAN R-3471**  
OFF-SITE CONSTRUCTION PLAN  
**DETROIT DRIVE/INDIANA AVENUE**  
FOR: RIVERSIDE AUTO CENTER ASSESSMENT DISTRICT  
PROJECT NO. R-3471  
SHEET 41 of 43  
FILE NO.: 10.36-003

10-19-96

INDEXED 12-26-96 4H



\*NOTE: EXACT LOCATION OF EXISTING CURB & GUTTER IN THE FIELD MAY VARY SLIGHTLY.

**NOTE:**  
SEE SHEET NO. 2 FOR CONSTRUCTION NOTES

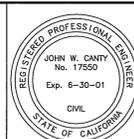
**CONSTRUCTION LEGEND**

[Pattern: Dotted]	INDICATES NEW PLANTING AREAS	21, 43
[Pattern: Stippled]	INDICATES NEW A.C. PAVING	4, 9
[Pattern: Horizontal Lines]	INDICATES CONC. AND SIDEWALK REMOVAL	5
[Pattern: Cross-hatched]	INDICATES ENHANCED CONCRETE PAVING	25

# OFF-SITE CONSTRUCTION PLAN

Underground Service Alert  
Call: TOLL FREE  
1 - 800  
227-2600  
TWO WORKING DAYS BEFORE YOU DIG

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PREPARED UNDER THE DIRECTION OF:  
*John W. Canty*  
JOHN W. CANTY, PE  
REGISTERED CIVIL ENGINEER NO. 17550  
EXPIRATION DATE: 6-30-01 DATE: 11/21/97

**CEG** CANTY ENGINEERING GROUP, INC.  
CIVIL ENGINEERING - PLANNING - SURVEYING  
3120 CHICAGO AVENUE, SUITE 180, P.O. BOX 52050, RIVERSIDE, CA 92517  
TEL. (909) 683 - 5234 FAX (909) 683 - 5301

SCALE: 1"=20'  
BENCH MARK: RIV. CO. BM 601-21-68, CALTRANS BRASS DISK SET IN CONC. WELL LOCATED IN CENTERLINE OF MONROE STREET 40' NW OF INDIANA AVENUE ELEVATION: 810.933  
DATE: JULY 1997

MARK	REVISIONS	APPR.	DATE
DESIGNED BY	DRAWN BY	CHECKED BY	

CITY OF RIVERSIDE,  
DEPARTMENT OF PUBLIC WORKS

APPROVED BY	BY	DATE
PRINCIPAL ENGR.	<i>R. M. Buel</i>	10-19-98
PARK DEPARTMENT		
TRAFFIC DIVISION		
CHIEF P.W. ENGR.		

IN THE CITY OF RIVERSIDE, COUNTY OF RIVERSIDE  
STATE OF CALIFORNIA

**AUTO CENTER RENOVATION PLAN R-3471**

OFF-SITE CONSTRUCTION PLAN  
INDIANA AVENUE/  
JEFFERSON STREET

SHEET 42 OF 43

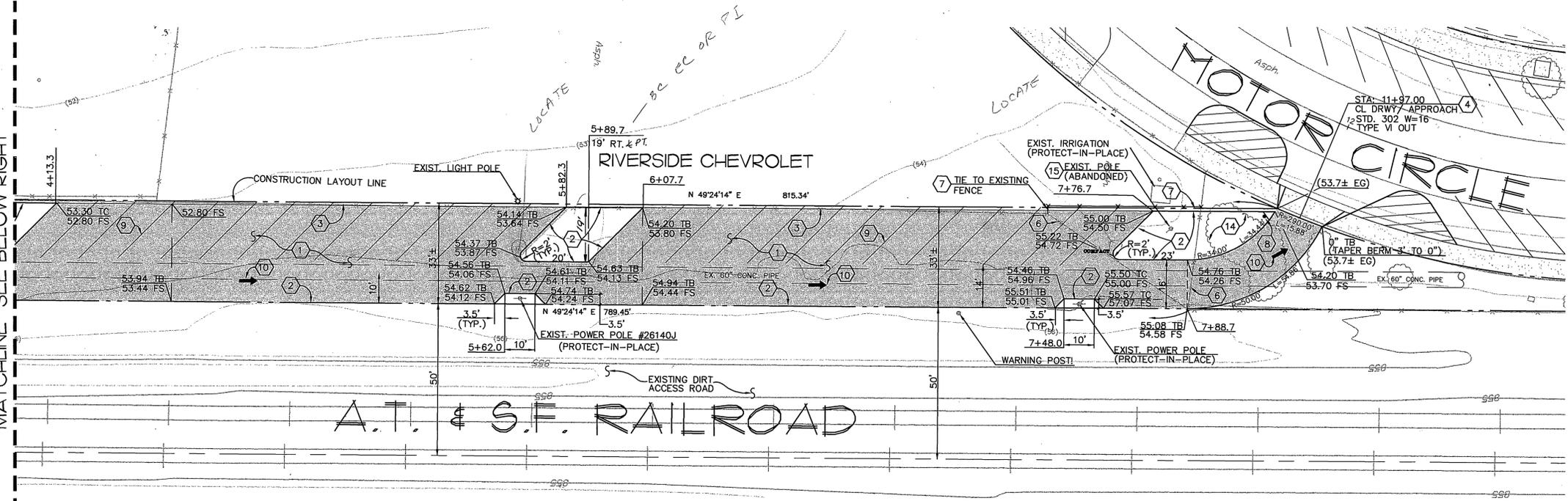
FOR: RIVERSIDE AUTO CENTER ASSESSMENT DISTRICT FILE NO.: 1036-003

NO 7/21/97  
MAY 9/1/98

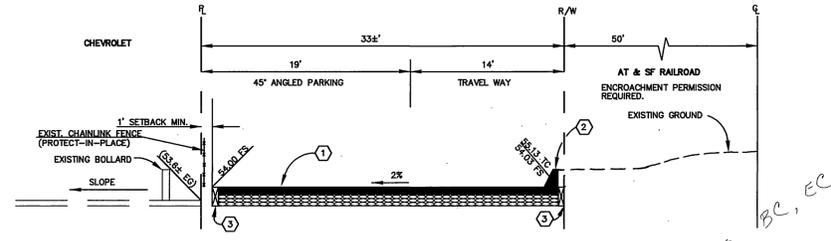
INDEXED 12-26-01 LFT



MATCHLINE SEE BELOW RIGHT



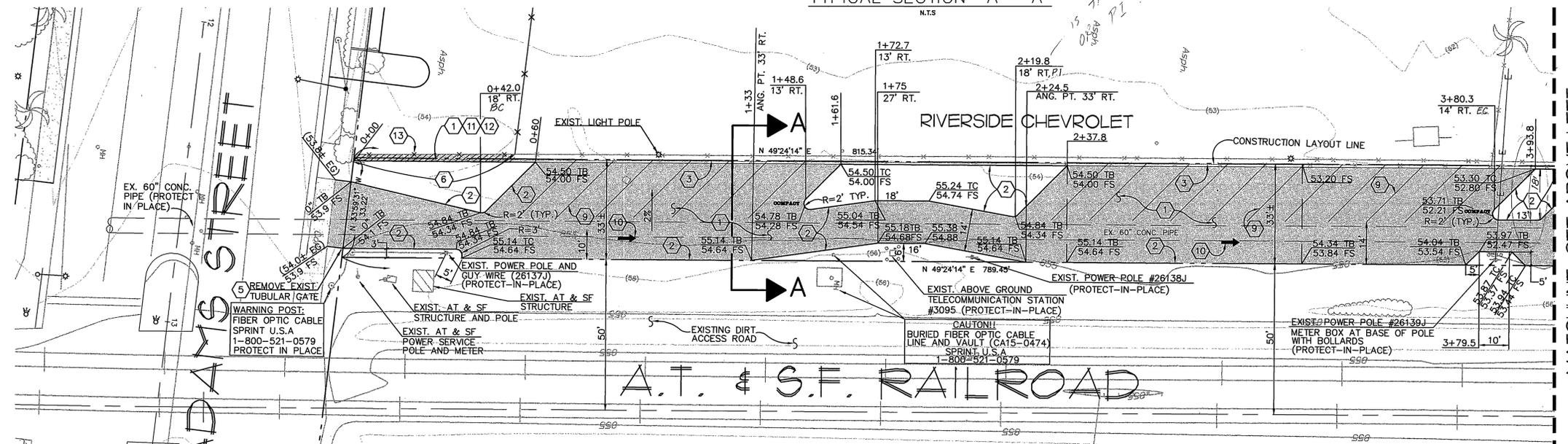
- CONSTRUCTION NOTES:**
- 1 PLACE 0.25 A.C. OVER 0.33 CL. II AGGREGATE BASE.
  - 2 CONSTRUCT 6" ASPHALT CONCRETE BERM PER CITY OF RIVERSIDE STD. NO. 250 (TYPE I).
  - 3 INSTALL 2" X 6" REDWOOD HEADER AT EDGE OF PAVEMENT.
  - 4 CONSTRUCT 16' WIDE DRIVEWAY APPROACH PER CITY OF RIVERSIDE STD. NO. 302, TYPE VI - OUT. REMOVE EXISTING CURB & SIDEWALK.
  - 5 REMOVE EXISTING TUBULAR GATE.
  - 6 REMOVE EXISTING CHAINLINK FENCE.
  - 7 CONSTRUCT 6' HIGH CHAIN LINK FENCE PER CITY OF RIVERSIDE STD. NO. 380.
  - 8 INSTALL R11/ R11A SIGN ON POST PER CITY OF RIV. STD.
  - 9 PAINT 4" WHITE PARKING LOT STRIPE AS SHOWN.
  - 10 PAINT SOLID WHITE ARROW MARKING
  - 11 SAWCUT EXISTING A.C. PAVEMENT.
  - 12 REMOVE EXISTING A.C. PAVEMENT.
  - 13 REMOVE EXISTING BOLLARDS
  - 14 REMOVE EXISTING TREE
  - 15 REMOVE ABANDONED POLE.



**EARTHWORK QUANTITIES:**

	CUT	FILL
RAW	1300 CY	-
OVER-EX. (ASSUME 1")	1000	1000
OVER-EX. LOSS (ASSUME 10%)	-	100
TOTAL	2300	1100
EXPORT		1200

**NOTE:** REFERENCE LANDSCAPE PLANS FOR PLANTING & IRRIGATION



MATCHLINE SEE ABOVE LEFT

**BID ADDITIVE PARKING AREA**

Underground Service Alert  
Call: TOLL FREE  
1 - 800  
227-2600  
TWO WORKING DAYS BEFORE YOU DIG

**PRIVATE ENGINEERING NOTE**  
CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR ALL SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY, THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND CONSTRUCTION CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF DESIGN PROFESSIONAL.



PREPARED UNDER THE DIRECTION OF  
*John W. Canty*  
JOHN W. CANTY, P.E.  
REGISTERED CIVIL ENGINEER NO. 17550  
EXPIRATION DATE: 6-30-01  
11/2/97

**CEG CANTY ENGINEERING GROUP, INC.**  
CIVIL ENGINEERING - PLANNING - SURVEYING  
3120 CHICAGO AVENUE, SUITE 180, P.O. BOX 52050, RIVERSIDE, CA 92517  
TEL (909) 683 - 5234 FAX (909) 683 - 5301  
SCALE: 1"=20' BENCH MARK: RIV. CO. BM 601-21-68, CALTRANS BRASS DISK SET IN CONC. WELL LOCATED IN CENTERLINE OF MONROE STREET 40' NW OF INDIANA AVENUE ELEVATION: 810.933  
DATE: JULY 1997

MARK	REVISIONS	APPR.	DATE
DESIGNED BY	DRAWN BY	CHECKED BY	

**CITY OF RIVERSIDE,**  
DEPARTMENT OF PUBLIC WORKS  
APPROVED BY: *R. M. B. B. B.*  
PRINCIPAL ENGR. DATE: 10-19-98  
PARK DEPARTMENT  
TRAFFIC DIVISION  
CHIEF P.W. ENGR.

IN THE CITY OF RIVERSIDE, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA  
**AUTO CENTER RENOVATION PLAN**  
STREET IMPROVEMENT PLAN  
BID ADDITIVE PARKING AREA  
PROJECT NO. R-3471  
SHEET 43 OF 43  
FOR: RIVERSIDE AUTO CENTER ASSESSMENT DISTRICT  
FILE NO.: 1036-003