

GENERAL NOTES

- Construction shall be in accordance with the City of Riverside Dept. of Public Works Standard Drawings, the Standard Specifications for Public Works Construction current edition, Caltrans Standard Plans & R.C.F.C. Standard.
- 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.
- 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.
- The contractor shall call in a location request to Underground Service Alert (USA), Phone No. 1-800-422-4133, 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 provided an inquiry identification number by U.S.A.
- The private engineer preparing these plans shall be responsible for preserving or re-establishing and referencing survey monuments destroyed, disturbed or buried as a result of construction shown hereon.
- Any traffic control striping obliterated and/or badly worn during construction shall be restored by the contractor within five days after notification from the City Inspectors.
- Where existing pavement joins new pavement, trim edge of existing pavement 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.
- 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 owner and the engineer harmless from any and all liability, real or alleged, in connection with the performance of work on this project, excepting for liability arising from the sole negligence of the owner or engineer.
- Elevations for cross-gutters and construction beyond ECR's and BCR's are flagged in the plan view.
- Construction and General notes for traffic signal modifications, and striping are listed on the title sheet for that particular work and contained within this set of drawings.
- All dimensions are from face of curb unless otherwise noted.
- All flagged elevations shall be staked in the field by the private engineer.
- In pavement overlay areas, distressed existing pavement shall be removed and replaced as directed by the Inspector prior to overlaying with A.C. paving.
- Developer shall give city water division ten (10) working days written notice prior to start of construction and to allow city twenty (20) working days for completion of work. (714) 351-6150

CITY OF RIVERSIDE, CALIFORNIA

CONSTRUCTION PLANS

FOR

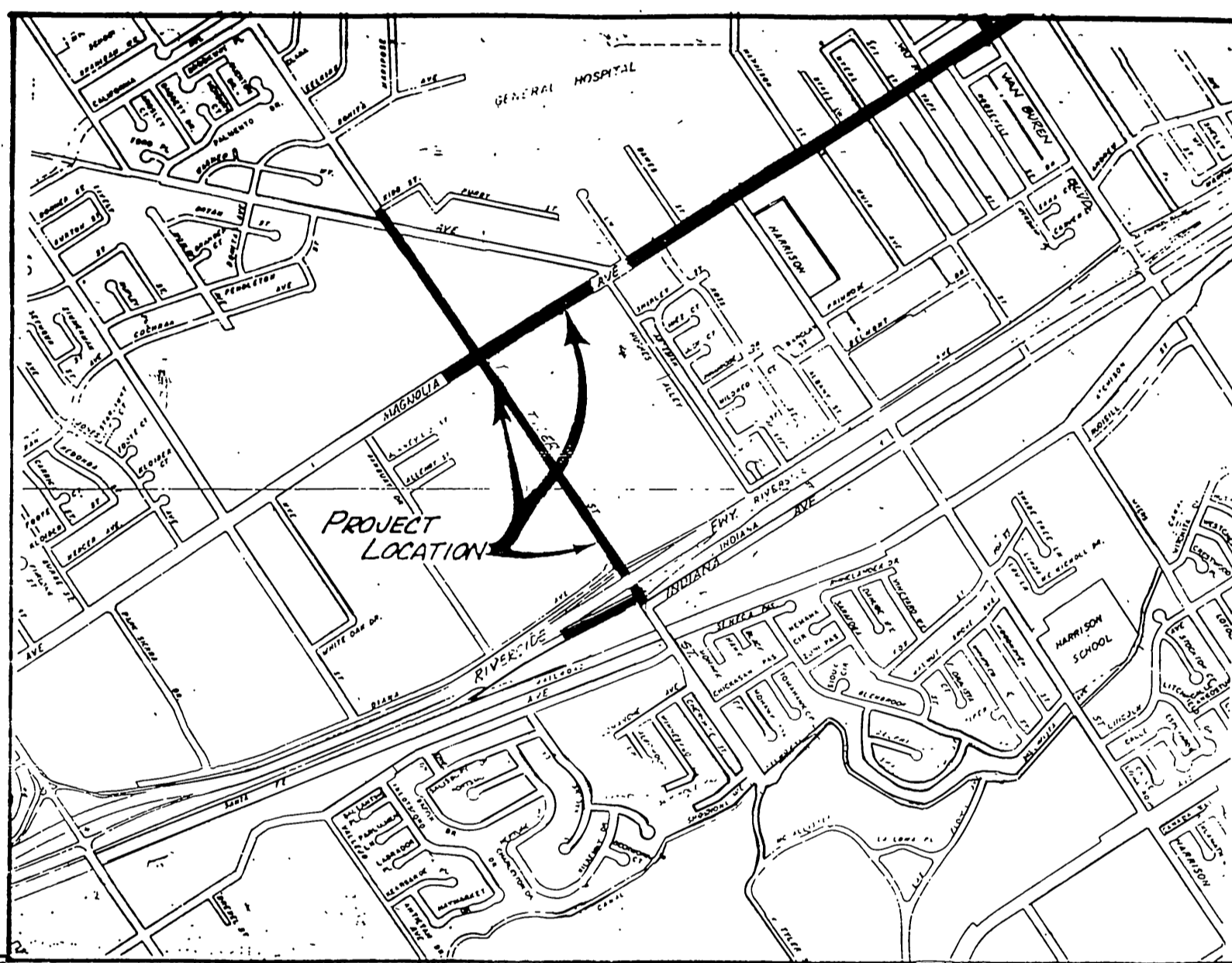
TYLER STREET & MAGNOLIA AVENUE

STREET WIDENING PLAN

C.F.D. # 90-2

LEGEND

- PROPOSED RIGHT OF WAY
- EXISTING RIGHT OF WAY
- CENTERLINE
- G --- EXISTING GAS
- T --- EXISTING TELEPHONE LINE
- E --- EXISTING ELECTRIC LINE
- S --- EXISTING SEWER LINE
- W --- EXISTING WATER LINE
- SD --- PROPOSED STORM DRAIN
- SD --- EXISTING STORM DRAIN
- NEW A.C. PAVING PER STRUCTURAL SECTION SCHEDULE
- MEDIAN PER LANDSCAPE PLAN
- GRIND & OVERLAY PER TYP. SECTIONS
- PROPOSED POWER POLE
- PROPOSED STREET LIGHT, LIGHT POLE
- TEMPORARY CONSTRUCTION EASEMENT
- DETAIL
- PAGE No.
- GRIND EXIST. PAVING 1" AND OVERLAY 1"



PROJECT LOCATION PLAN

INDEX OF SHEETS

SHEET NO.	DISCRPTION	SHEET NO.	DISCRPTION
1.	TITLE SHEET	20.	MAGNOLIA AVE. 165+50.00 TO 170+75.00
2.	CALTRANS WORK TITLE SHEET	21.	MAGNOLIA AVE. 170+75.00 TO 176+50.00
3.	ROADWAY SECTIONS	22.	MAGNOLIA AVE. 176+50.00 TO 182+25.00
4.	ROADWAY SECTIONS	23.	MAGNOLIA AVE. 182+25.00 TO 184+50.00
5.	91 FRWY. E.B. RAMP	24.	MAGNOLIA AVE. 184+25.00 TO 188+50.00
6.	91 FRWY. E.B. RAMP	*25.	MAGNOLIA AVE. 188+50.00 TO 193+25.00
*7.	TYLER: 0+58.00 TO 4+88.50	*26.	MAGNOLIA AVE. 193+25.00 TO 198+00.00
8.	TYLER: 4+88.50 TO 9+75.00	*27.	MAGNOLIA AVE. 198+00.00 TO 202+00.00
9.	TYLER: 9+75.00 TO 14+50.00	28.	MAGNOLIA AVE. 202+00.00 TO 206+25.00
10.	TYLER: 14+50.00 TO 19+75.00	29.	MAGNOLIA AVE. 206+25.00 TO 208+75.00
11.	TYLER: 19+75.00 TO 25+25.00	*30.	HOLE AVE. 0+00.00 TO 1+80.00
12.	TYLER: 25+25.00 TO 30+75.00	31.	VAN BUREN BLVD. 6+73.00 TO 11+02.00
13.	TYLER: 30+75.00 TO 36+04.50	32.	LEO'S STEREO - DETAIL
14.	TYLER: 36+04.50 TO HOLE AVE.	33.	BAKERS SQUARE, FIRESTONE & CORNER OF MAGNOLIA & VAN BUREN DETAILS.
15.	TYLER: HOLE AVE. TO 43+70.00		
16.	HOLE AVE. : 17+44.00 TO 22+76.00		
17.	MAGNOLIA AVE. 151+00.00 TO 155+25.00	34.	UNION BANK DETAIL.
18.	MAGNOLIA AVE. 155+25.00 TO 160+75.00	35.	DETAILS
19.	MAGNOLIA AVE. 160+75.00 TO 165+50.00		

LANDSCAPE ARCHITECTURAL DRAWINGS

SHEET No.	DISCRPTION
L-1 TO L-41	TYLER ST., MAGNOLIA AVE.
L-1 TO L-8	HUGHES ALLEY (3500 - 3700 BLOCK)
1 TO 5	TRAFFIC PLAN 91 FREEWAY OFF RAMP
1 TO 9	TRAFFIC SIGNAL PLAN
1 TO 5	SIGNING, STRIPING & MARKING PLAN

CONSTRUCTION NOTES (CONT.)

- TRANSPLANT LAGERSTROEMIA INDICAS TO HOLDING AREA AND GIVE I.D. NUMBER AS SHOWN. TREES TO BE RELOCATED AS DIRECTED BY THE STREET TREE INSPECTOR TO THE SPECIFICATIONS OF THE PARK & RECREATION DEPARTMENT.
- REMOVE STREET TREE TO THE SPECIFICATIONS OF THE PARK & RECREATION DEPARTMENT.
- ADJUST ELECT BOX TO GRADE PER UGS-320.
- CONSTRUCT TREE GRATE PER DETAIL M-4, ON SHEET 35.
- SAW CUT EXIST. PAVING.

PAVING SECTION SCHEDULE *

STREET NAME	TRAFFIC INDEX	ASPHALTIC PAVING	AGGREGATE BASE COURSE
91 FRWY. OFF RAMP (TRAVELLED WAY) AND TYLER STREET, (MAGNOLIA TO MAGNOLIA)	10-1/2	6"	9"
TYLER STREET (MAGNOLIA TO HOLE)	10	6"	8"
MAGNOLIA AVENUE	9-1/2	5"	9"
91 FRWY. OFF RAMP (SHOULDER) & HOLE AVENUE	8	5"	5"
VAN BUREN BLVD.	10-1/2	6"	9"
CROSS STREETS NOT LISTED ABOVE AND DRIVEWAYS	6	3"	4"

* USE HIGHER TRAFFIC INDEX OF THE TWO STREETS AT THE INTERSECTIONS.

FOR STREET TREE NOTES REFER TO SHEET No. 35

CONSTRUCTION NOTES (CONT.)

- CONSTRUCT A.C. PAVING OVER CRUSHED AGGREGATE BASE PER PAVING SECTION SCHEDULE ON SHT. NO. 1.
- CONSTRUCT A.C. OVERLAY PER TYP. SECTIONS WITH 1" MIN. THICKNESS CONTRACTOR TO GRIND EXIST. PAVING AS REQUIRED.
- CONSTRUCT DEPRESSED CURB PER DETAIL F, SHT. 35.
- CONSTRUCT CONCRETE CURB SIDEWALK PER CITY STD. 325.
- CONSTRUCT MODIFIED CURB SIDEWALK PER DETAIL B, SHT. 35.
- CONSTRUCT 6" CURB & GUTTER, TYPE I PER CITY STD. NO. 200.
- CONSTRUCT 8" CURB, TYPE II PER CITY STD. NO. 200.
- CONSTRUCT 6" CURB PER DETAIL C-4, SHT. 35.
- CONSTRUCT CURB TRANSITION IN CURB RETURN PER DETAIL D, SHT. 35.
- CONSTRUCT CROSS GUTTER PER CITY STD. NO. 220.
- REMOVE EXIST. DRIVEWAY APPROACH & RECONSTRUCT PER CITY STD. NO. 302.
- CONSTRUCT WHEELCHAIR RAMP PER CITY STD. NO. 304.
- CONSTRUCT MODIFIED WHEELCHAIR RAMP PER DETAIL D, SHT. 35.
- CONSTRUCT MEDIAN OPENINGS PER CITY STD. NO. 121 & 123.
- CONSTRUCT REVERSE TAPER PER CITY STD. NO. 122.
- CONSTRUCT 8" CURB & GUTTER, TYPE I PER CITY STD. NO. 200.
- REMOVE EXIST. A.C. PAVING AND BASE.
- REMOVE EXISTING CURB AND GUTTER.
- REMOVE EXIST. CURB ONLY.
- REMOVE EXIST. SIDEWALK.
- GRIND EXIST. A.C. PAVING 1" & OVERLAY 1" RETAIN EXIST. SLOPES
- REMOVE ABANDONED UNDER-SIDEWALK DRAIN.
- REFER TO TRAFFIC SIGNAL PLANS.
- ADJUST GAS VALVE & METER TO GRADE BY SO. CALIF. GAS COMPANY.
- ADJUST SEWER OR STORM DRAIN MANHOLE TOP TO GRADE BY CONTRACTOR.
- ADJUST ELECT. VAULTS & MANHOLE TOPS TO GRADE BY PUBLIC UTILITIES ELECT. DEPT.
- REMOVE EXIST. LIGHT POLE PER LIGHTING PLANS.
- REMOVE & RELOCATE POWER POLE BY PUBLIC UTILITIES ELECT. DEPT.
- REMOVE & RELOCATE EXIST. STREET LIGHT POLE PER LIGHTING PLAN.
- REMOVE & RELOCATE TELE. RISER BY PACIFIC BELL.
- ADJUST TELEPHONE MANHOLE TO GRADE BY PACIFIC BELL.
- REMOVE EXIST. CROSS GUTTER.
- REMOVE & RELOCATE PER LANDSCAPE PLANS.
- CONSTRUCT TRANSITION FROM 8" CF TO 6" CF OR FROM 6" CF TO EXIST. CF. SEE DETAIL J, SHT. 35.
- INSTALL A 40' STEEL POLE W/ 400 WATTS H.G.S.V. & 8' M.A. PER LIGHTING PLAN.
- CONSTRUCT TIMBER BULKHEAD PER CITY STD. NO. 456
- CONSTRUCT UNDER-SIDEWALK DRAIN PER CITY STD. NO. 411.
- ADJUST WATER VAULT TO GRADE BY CONTRACTOR.
- ADJUST WATER METER TO GRADE BY CONTRACTOR.
- REMOVE & RELOCATE WATER VAULT BY PUBLIC UTILITIES WATER DEPT.
- REMOVE & RELOCATE WATER METER BY PUBLIC UTILITIES WATER DEPT.
- REMOVE PORTION OF EXIST. 8" BLOCK WALL TO CLEAR PROPOSED SIDEWALK
- REMOVE & RELOCATE ELECT. RISER, & ELECT. VENTS BY PUBLIC UTILITIES ELECT. DEPT.
- REMOVE & RELOCATE EXIST. F.H. BY PUBLIC UTILITIES WATER DEPT.
- REMOVE & SALVAGE EXIST. CONCRETE DIVIDER.
- EASEMENT FOR HANDICAP RAMP, STREET LIGHT & POWER POLE.
- ADJUST WATER VAULT TOP TO GRADE BY PUBLIC UTILITIES WATER DEPT.
- SAW CUT EXIST. SIDEWALK & CONNECT TO PROPOSED SIDEWALK AS SHOWN.
- REMOVE EXIST. PAVING @ PARKING LOT & CONSTRUCT 6" CURB PER DETAIL C, SHEET 35.
- NOT USED. CONSTRUCT MODIFIED WHEELCHAIR RAMP PER DETAIL A, ON SHEET 34.
- CONSTRUCT 6" CURB & GUTTER PER CALTRANS STD. NO. NB-A, TYPE A2-6.
- CONSTRUCT REVERSED TAPER PER HIGHWAY DESIGN MANUAL SECTION 405.3 (1C) & TABLE 405.2A
- CONSTRUCT RETAINING WALL PER CALTRANS STD. NO. B3-1 WALL HEIGHT VARIES FROM 2'-6".
- CONSTRUCT WHEELCHAIR RAMP PER CALTRANS STD. NO. NB-B CASE E
- REMOVE & RELOCATE TELEPHONE VAULT BY PACIFIC BELL.
- CONSTRUCT CATCH BASIN PER CALTRANS STD. NO. D72, TYPE GOL. W=7' H=4'
- CONSTRUCT CHANNEL PENETRATION PER RCFC STD. NO. J523.1.
- REMOVE EXIST. 10'x4' DOUBLE BOX CULVERT PER CALTRANS STD. D81.
- CONSTRUCT DOUBLE HEADWALL PER CALTRANS STD. NO. D85.
- CONSTRUCT 21' TRANSITION FROM BOX CULVERT TO EXIST. TRAPEZOIDAL CHANNEL PER RCFC STD. NO. CH229. (SEE DETAIL I ON SHT. 35 OFF SHEET 34)
- REMOVE EXIST. CATCH BASIN & RCP PIPE.
- REMOVE EXIST. 2'-0" WIDE A.C. CHANNEL.
- SAW CUT EXIST. A.C. PAVING AT 12' FROM NORTHERLY CURB & REMOVE EXIST. PAVEMENT & BERM.
- NOT USED. CONSTRUCT MODIFIED WHEELCHAIR RAMP PER DETAIL B, ON SHEET 34.
- PROTECT IN PLACE.
- PROTECT EXIST. INLET TYPE "OS" IN PLACE & RECONSTRUCT TOP PER CALTRANS STD. NO. D72, TYPE "OS"
- REMOVE & RELOCATE EXIST. 6" CHAIN LINK FENCE PER CALTRANS STD. DETAIL NO. F-10.
- NOT USED.
- CONSTRUCT GUTTER DEPRESSION PER CALTRANS STD. NO. D78.

CITY OF RIVERSIDE WATER DEPT. SHEET No. 91-35	CENCOM CABLE TV SHEET No. 91-35	SOUTHERN CALIFORNIA GAS CO. SHEET No. 91-35	PACIFIC BELL TELEPHONE CO. SHEET No. 91-35	CITY OF RIVERSIDE OVERHEAD AND UNDERGROUND ELECTRICAL APPROVAL SHEET No. 91-35
REVIEWED BY: A. J. Syed DATE: 12/18/90	REVIEWED BY: [Signature] DATE: 12/20/90	REVIEWED BY: [Signature] DATE: 9/11/90	REVIEWED BY: [Signature] DATE: 1/21/90	ENGINEER MANAGER ELECTRIC DATE: 12/14/90

Underground Service Alert Call: TOLL FREE 1-800-422-4133 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: [Signature] REGISTERED CIVIL ENGINEER NO. 17550 EXPIRATION DATE: 6-30-93 DATE: 1/31/90	J.F. Davidson Associates, Inc. ENGINEERING PLANNING SURVEYING ARCHITECTURE LANDSCAPE ARCHITECTURE 3880 Lemon Street, Suite 300 P.O. Box 493 Riverside, CA 92502 (714) 886-0844 FAX 714-886-5954 11200 S. Mt. Vernon Ave., Suite "D" Colton, CA 92324 (714) 825-1082 73-080 El Paseo, Suite 106 Palm Desert, CA 92260 (619) 346-5691 FAX 619-340-0529	CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS APPROVED BY: [Signature] BY: [Signature] DATE: 12/20/90 PRINCIPAL ENGINEER PAVING DIVISION TRAFFIC DIVISION CHIEF P.W. ENGR. [Signature]	TYLER MALL EXPANSION C.F.D. # 90-2 IMPROVEMENTS STREET IMPROVEMENT PLAN PROJECT NO. R-3194 TITLE SHEET SHEET 1 OF 35 HORIZ. SCALE: 1" = 20' VERT. SCALE: 1" = 2' FILE NO: 8911175
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INDEXED 91-15-93 LPH

GENERAL NOTES

1. AN ENCROACHMENT PERMIT IS REQUIRED before any work may begin in or near the State right of way.
2. ALL WORK within the State right of way SHALL CONFORM to the latest STATE STANDARD PLANS & SPECIFICATIONS or as directed by the State's representative (Standards other than State must be pre-approved and justified).
3. NO EQUIPMENT or MATERIALS may be stored on the State right of way.
4. ALL disturbed areas in the State right of way MUST BE treated for erosion control (hydroseeding or equivalent, or as directed by the State's representative). The responsibility for maintaining erosion control WILL NOT be released until the seeding is well established. The CONTRACTOR WILL BE RESPONSIBLE for the COST OF CALTRANS CLEANING ANY DRAINAGE STRUCTURES/CHANNELS which have become cluttered with debris and/or silt as a result of, or caused by, the construction project.
5. NO FREEWAY RAMPS OR FREEWAY LANES MAY BE CLOSED or obstructed at ANYTIME unless specifically allowed per the encroachment permit and/or as directed by the State's representative.
6. ALL fence relocated to facilitate the construction of this project inside the State right of way SHALL BE REPLACED WITH CL-6 FENCE as shown in the State's Standard Plans or with a block wall in accordance with acceptable local agency standards.
7. Where Type CL-6 fence does not exist, the State right of way fence MUST BE upgraded to TYPE CL-6 FENCE, as shown in the Standard Plans.
8. The STRUCTURAL SECTION shown within the State right of way is for ESTIMATING purposes ONLY. The actual section WILL BE designed by a Soil Engineer after native soil testing has been completed. A traffic index (TI) of 10-1/2 shall be used in the design of the travelled way, and a TI of 10-1/2 shall be used for the shoulder design. The laboratory reports and the design calculations SHALL BE SUBMITTED to the State's representative for APPROVAL PRIOR TO CONSTRUCTION of the structural section.
9. ALL State drainage structures MUST first BE COMPLETELY CLEANED of debris and/or silt by the contractor PRIOR to making the connection.
10. The contractor SHALL BE RESPONSIBLE for ensuring that any State drainage facility which is connected to or directly affected by the contractor's operation SHALL BE clean and operational PRIOR TO FINAL ACCEPTANCE of the permit work by the State. Adequate clean-outs and access openings SHALL BE PROVIDED in any construction with the State's right of way for future maintenance and repair work as needed. This work shall be furnished at NO COST TO THE STATE.
11. Where SURVEY MONUMENTS exist, such monuments SHALL BE PROTECTED or shall be REFERENCED and RESET pursuant to Business and Professions Code, Sections 8700 to 8805 (Land Surveyor's Act).
12. Contractors to verify existing conditions and clear work area prior to construction.

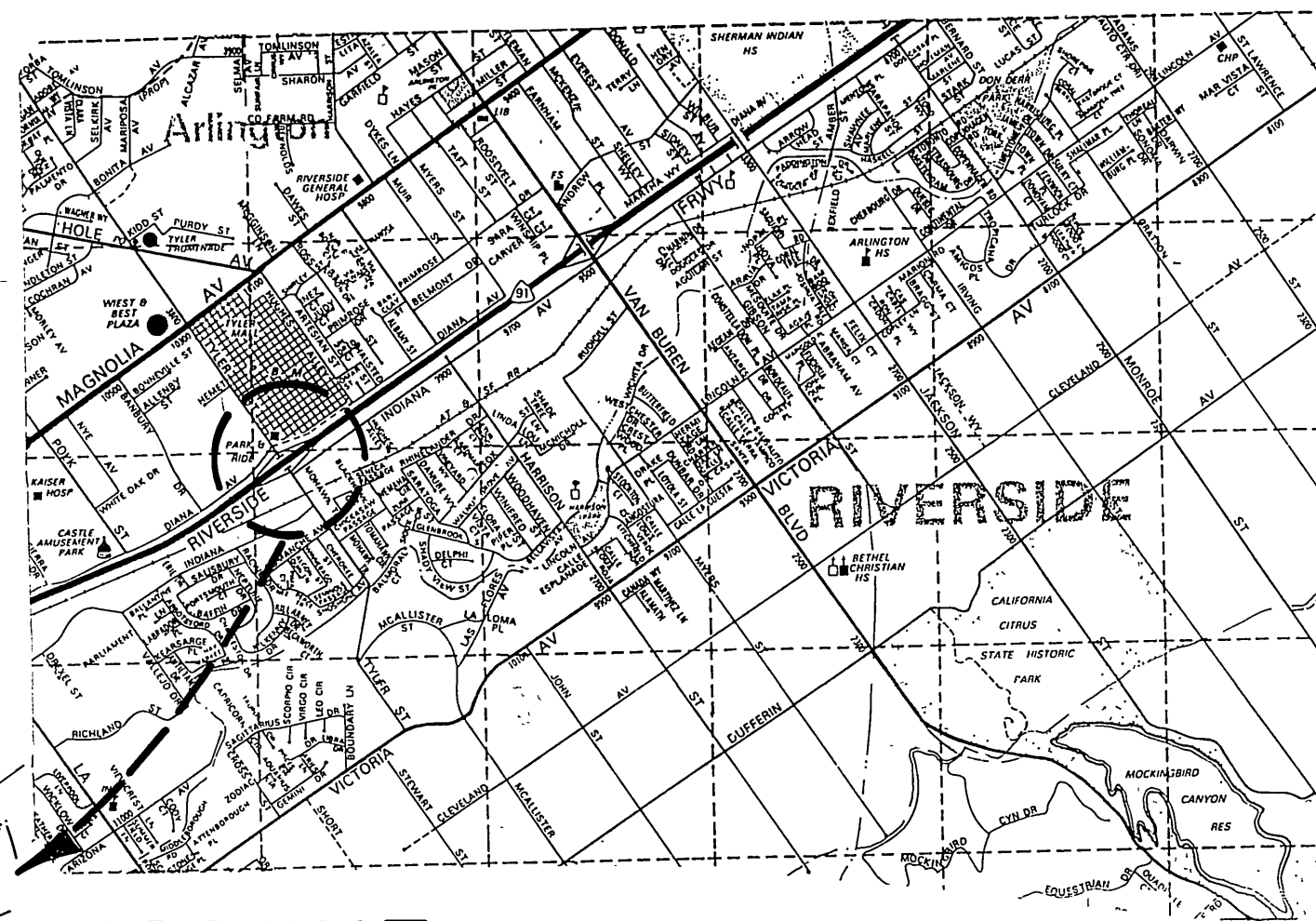
91 FREEWAY EASTBOUND OFF-RAMP

RAMP WIDENING PLAN

C.F.D. # 90-2

SHEET INDEX

SHEET	TITLE
2	CALTRANS TITLE SHEET
5	STREET PLAN, OFF-RAMP
6	STREET PLAN, OFF-RAMP



PROJECT LOCATION

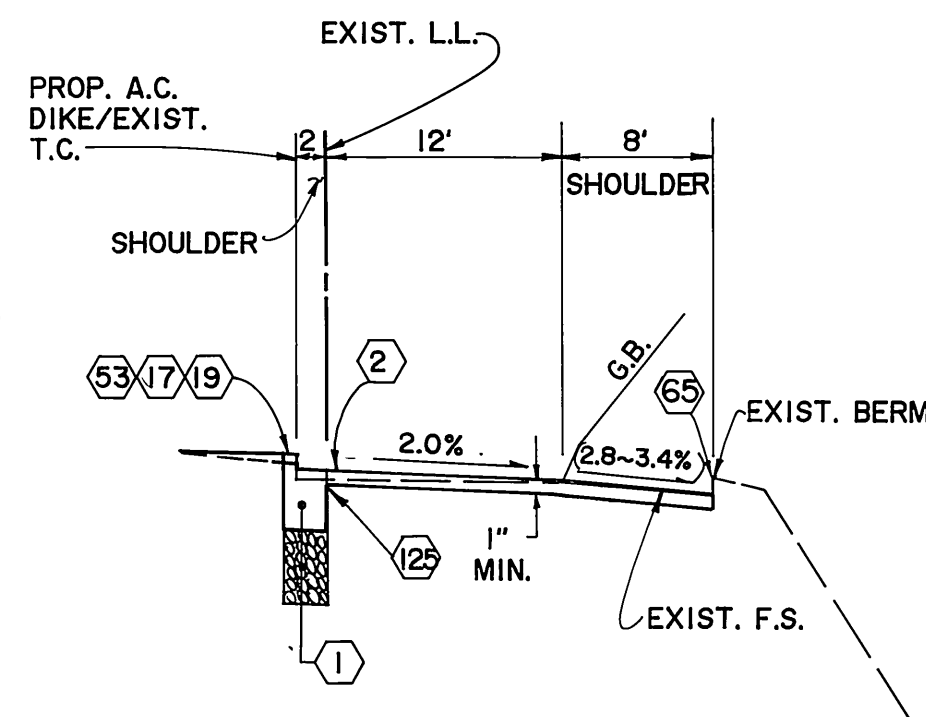
PROJECT LOCATION MAP

CONSTRUCTION NOTES

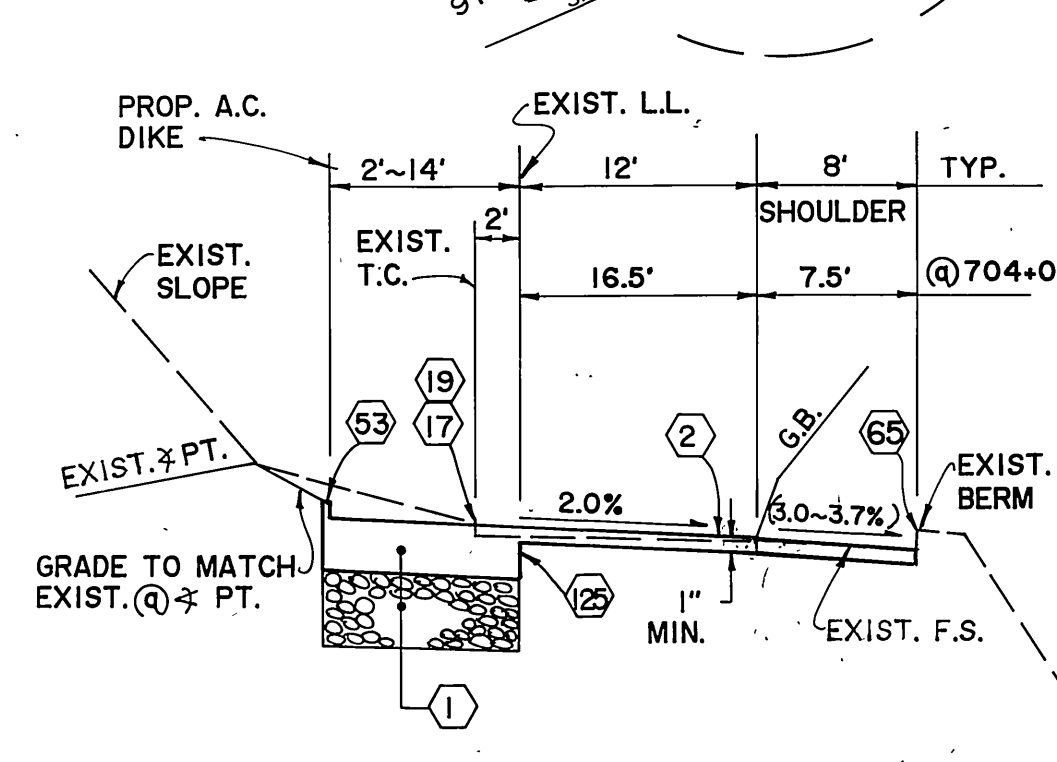
1. CONSTRUCT A.C. PAVING OVER CRUSHED AGGREGATE BASE PER PAVING SECTION SCHEDULE ON SHT. NO. 2.
2. CONSTRUCT A.C. OVERLAY PER TYP. SECTIONS WITH 1" MIN. THICKNESS. CONTRACTOR TO GRIND EXIST. PAVING AS REQUIRED.
4. CONSTRUCT CONCRETE CURB SIDEWALK PER CITY STD. 325.
17. REMOVE EXIST. A.C. PAVING AND BASE.
18. REMOVE EXIST. CURB AND GUTTER.
19. REMOVE EXIST. CURB ONLY.
23. REFER TO TRAFFIC SIGNAL PLAN. X-320A
48. SAW CUT EXIST. SIDEWALK & CONNECT TO PROPOSED SIDEWALK AS SHOWN.
51. CONSTRUCT 6" CURB AND GUTTER PER CALTRANS STD. NO. N8-A TYPE A2-6.
52. CONSTRUCT REVERSED TAPER PER HIGHWAY DESIGN MANUAL SECTION 405.3 (1C) & TABLE 405.2A.
53. CONSTRUCT ASPHALT CONCRETE DIKE PER CALTRANS STD. NO. N8-A TYPE B (HIGH DIKE).
54. CONSTRUCT WHEELCHAIR RAMP PER CALTRANS STD. NO. N8-B CASE D.
56. CONSTRUCT 3" DRAINAGE INLET PER CALTRANS STD. NO. D73 TYPE G3 CONNECT TO EXISTING 18" R.C.P.
63. PROTECT IN PLACE.
77. REMOVE EXISTING 3' DRAINAGE INLET.
22. SAW CUT EXISTING PAVING.
41. REMOVE & RELOCATE WATER METER.
55. INSTALL WOOD POST METAL BEAM GUARD RAILING PER CALTRANS STD. NO. A77C-2
57. INSTALL GUARD RAIL ANCHOR PER CALTRANS STD. NO. A77-E

LEGEND

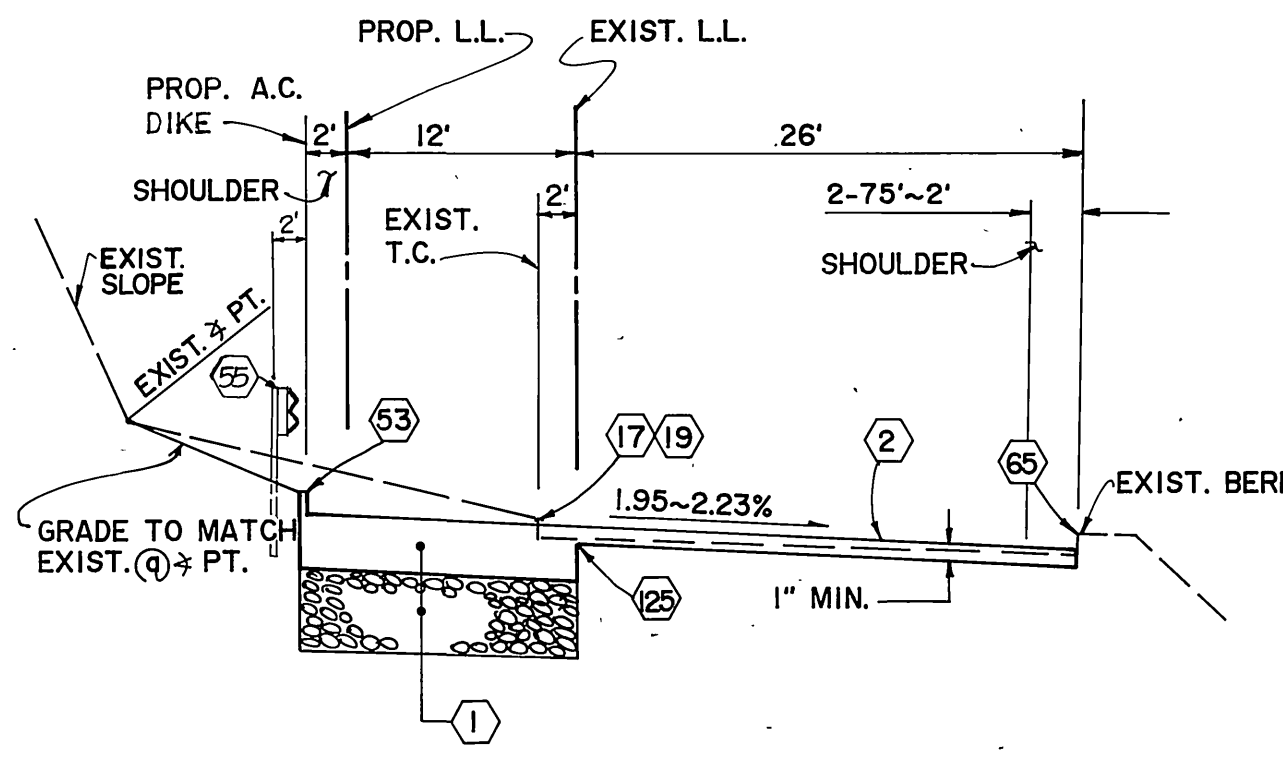
- PROPOSED CURB & GUTTER
- EXISTING RIGHT OF WAY
- PROPOSED A.C. DIKE
- PROPOSED OR EXIST. LAYOUT LINE
- S.D. EXISTING STORM DRAIN PIPE
- NEW A.C. PAVING PER STRUCTURAL SECTION SCHEDULE
- GRIND & OVERLAY PER TYP. SECTIONS.



700+50.00 TO 701+79.00



701+79.00 TO 704+00.00



704+50.00 TO 706+00.00

TYPICAL RAMP CROSS SECTIONS

N.T.S.

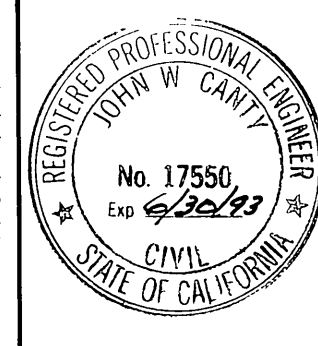
PAVING LOCATION	SECTION SCHEDULE		
	TRAFFIC INDEX	ASPHALTIC PAVING	AGGREGATE COURSE
91 FRWY. S.E. OFF RAMP	10 1/2	6"	9"

Underground Service Alert

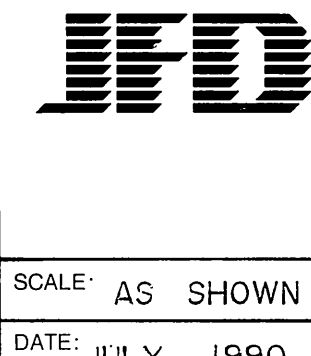
Call: TOLL FREE
1-800-422-4133
TWO WORKING DAYS BEFORE YOU DIG

PRIVATE ENGINEERING NOTE

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PREPARED UNDER THE DIRECTION OF:
John W. Carthy
REGISTERED CIVIL ENGINEER NO. 17550
EXPIRATION DATE: 6-30-93 DATE: 7/19/90
APPROVED BY:



J.F. Davidson Associates, Inc.
ENGINEERING PLANNING SURVEYING ARCHITECTURE LANDSCAPE ARCHITECTURE
3880 Lemon Street, Suite 300 P.O. Box 493 Riverside, CA 92502 (714) 686-0844 FAX 714-686-9954
11200 S. Mt. Vernon Ave., Suite "D" Colton, CA 92324 (714) 825-1082
73 080 El Paseo, Suite 106 Palm Desert, CA 92260 (619) 346-5591 FAX 619-340-0529
BENCH MARK: BRONZE DISK IN CONCRETE POST, STAMPED 601-26-68 AT THE BACK OF THE S.W. 65.5' S.E. OF THE CL. OF MAGNOLIA AVE. 92.0' N.E. OF THE CL. OF TYLER ST. ELEVATION = 742.243'

SCALE: AS SHOWN
DATE: JULY 1990
DESIGNED BY L.M.
DRAWN BY J.A.A.
CHECKED BY J.D.S.

**CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS**
APPROVED BY: [Signature]
DATE: 7/19/90
TRAFFIC DIVISION: [Signature]
CHIEF P.W. ENGR. [Signature]

**TYLER MALL EXPANSION
C.F.D. #90-2 IMPROVEMENTS
STREET IMPROVEMENT PLAN
91 FREEWAY
EAST BOUND OFF-RAMP
STA. 700+00.00 TO STA. 707+48.26**

PERMIT NO. 08-90-N-1348
08-RIV-91-12.91
PROJECT NO. R-3194
SHEET 2 OF 35
FILE NO. 8911175

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8. The STRUCTURAL SECTION shown within the State right of way is for ESTIMATING purposes ONLY. The actual section WILL BE designed by a Soil Engineer after native soil testing has been completed. A traffic index (TI) of 10-1/2 shall be used in the design of the travelled way, and a TI of 8 shall be used for the shoulder design. The laboratory reports and the design calculations SHALL BE SUBMITTED to the State's representative for APPROVAL PRIOR TO CONSTRUCTION of the structural section.
9. ALL State drainage structures MUST first BE COMPLETELY CLEANED of debris and/or silt by the contractor PRIOR to making the connection.
10. The contractor SHALL BE RESPONSIBLE for ensuring that any State drainage facility which is connected to or directly affected by the contractor's operation SHALL BE clean and operational PRIOR TO FINAL ACCEPTANCE of the permit work by the State. Adequate clean-outs and access openings SHALL BE PROVIDED in any construction with the State's right of way for future maintenance and repair work as needed. This work shall be furnished at NO COST TO THE STATE.
11. Where SURVEY MONUMENTS exist, such monuments SHALL BE PROTECTED or shall be REFERENCED and RESET pursuant to Business and Professions Code, Sections 8700 to 8805 (Land Surveyor's Act).
12. Contractors to verify existing conditions and clear work area prior to construction.

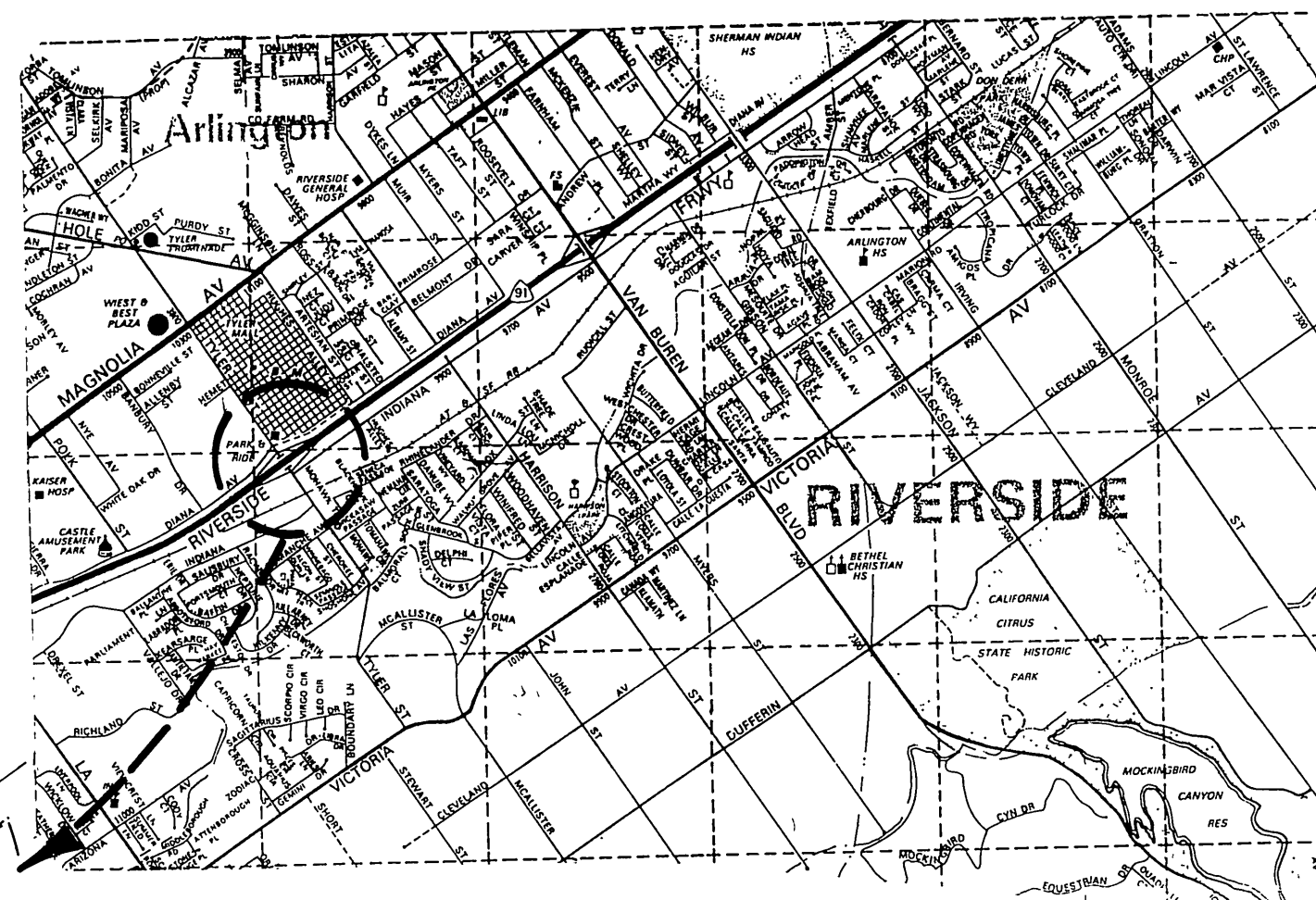
91 FREEWAY EASTBOUND OFF-RAMP

RAMP WIDENING PLAN

C.F.D. # 90-2

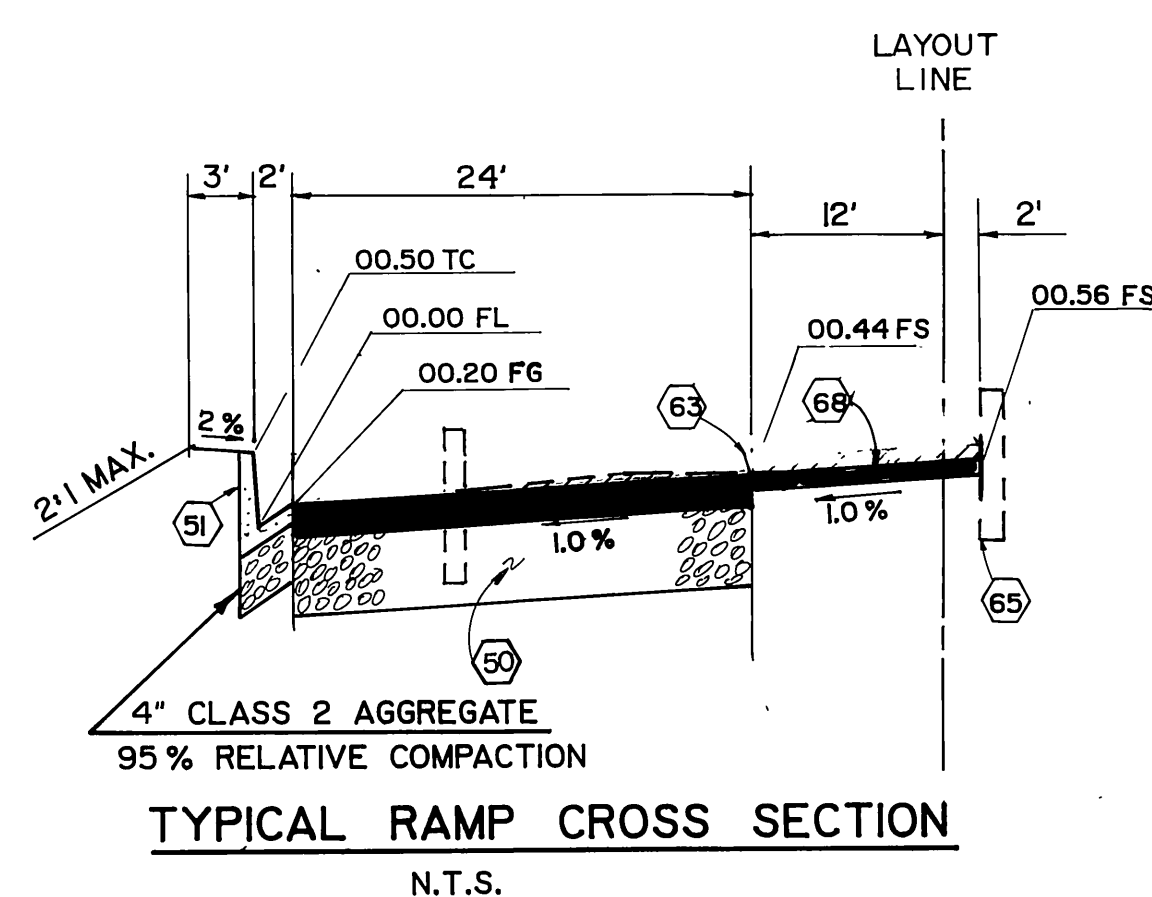
SHEET INDEX

SHEET	TITLE
2	CALTRANS TITLE SHEET
5	STREET PLAN, OFF-RAMP
6	STREET PLAN, OFF-RAMP



PROJECT LOCATION

PROJECT LOCATION MAP



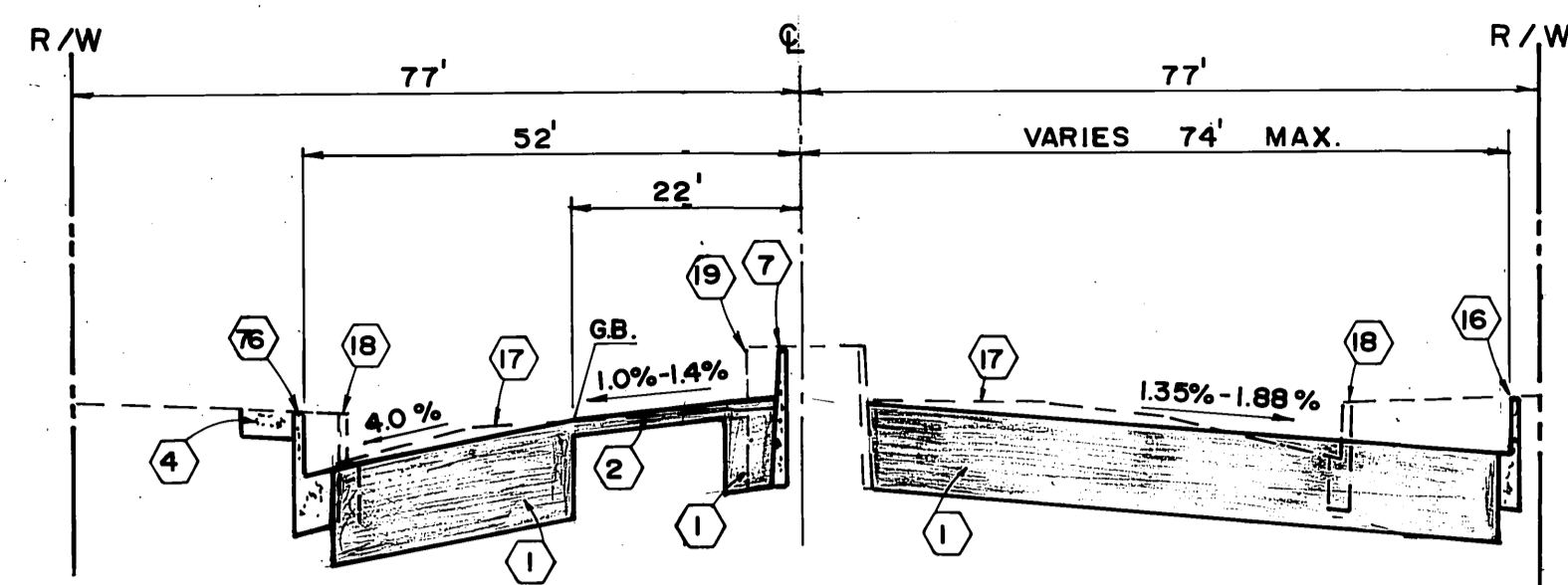
**FOR CONSTRUCTION NOTES
REFER TO SHEET NO. 1**

LEGEND

- PROPOSED CURB & GUTTER
- EXISTING RIGHT OF WAY
- DIRECTION OF FLOW
- SLOPE 2:1 MAX.
- PROPOSED RETAINING WALL
- REMOVE & REPLACE ASPHALT PAVING
- ASPHALT OVERLAY

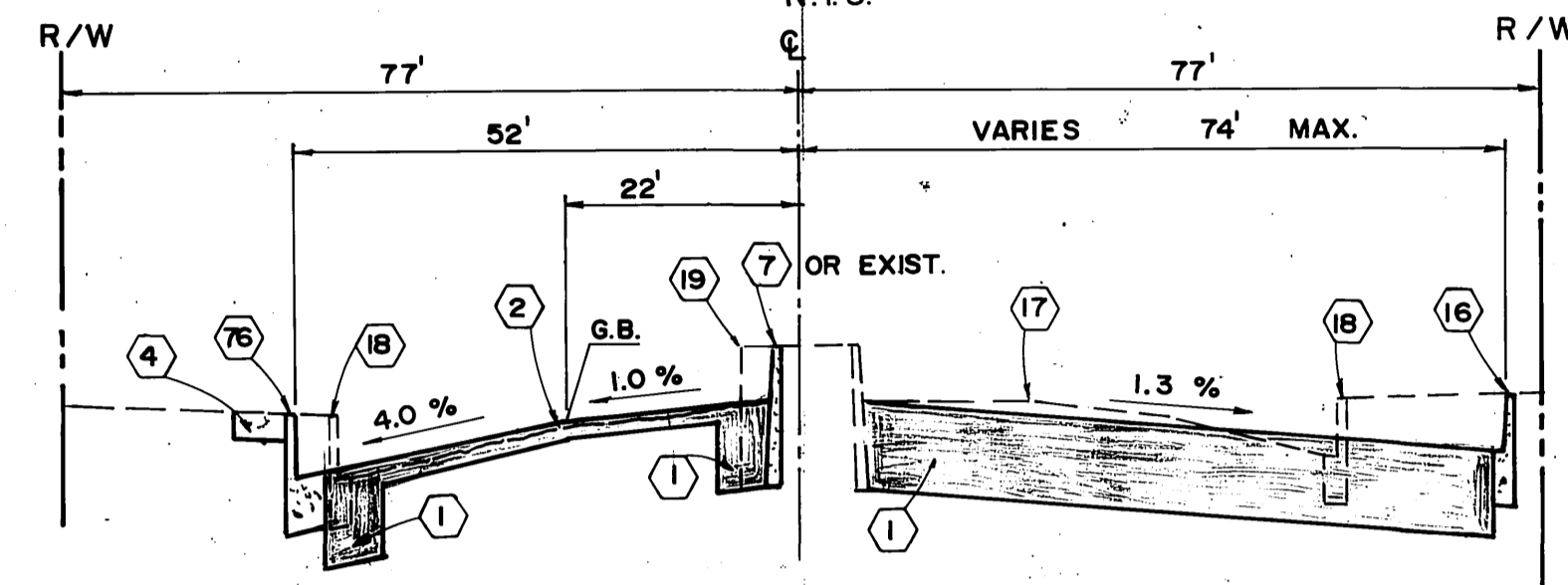
*SUPERCEDED
4/21/92*

Underground Service Alert Call: TOLL FREE 1-800-422-4133 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: REGISTERED CIVIL ENGINEER NO. 17550 EXPIRATION DATE: 6-30-93 DATE: 2/11/90	 J.F. Davidson Associates, Inc. ENGINEERING PLANNING SURVEYING ARCHITECTURE LANDSCAPE ARCHITECTURE 3880 Lemon Street, Suite 300 P.O. Box 483 Riverside, CA 92502 (714) 936-0844 FAX 714-686-5954 11200 S. Mt. Vernon Ave., Suite "D" Colton, CA 92324 (714) 925-1082 73-080 El Paseo, Suite 106 Palm Desert, CA 92260 (818) 346-5891 FAX 818-340-0829	CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS	TYLER MALL EXPANSION C.F.D. #90-2 IMPROVEMENTS STREET IMPROVEMENT PLAN 91 FREEWAY EASTBOUND OFF-RAMP STA. 700+00.00 TO STA. 707+49.34	PROJECT NO. R-3194
			APPROVED BY: _____ DATE: JULY 1990				APPROVED BY: DIRECTOR OF PUBLIC WORKS DATE: 12/20/90



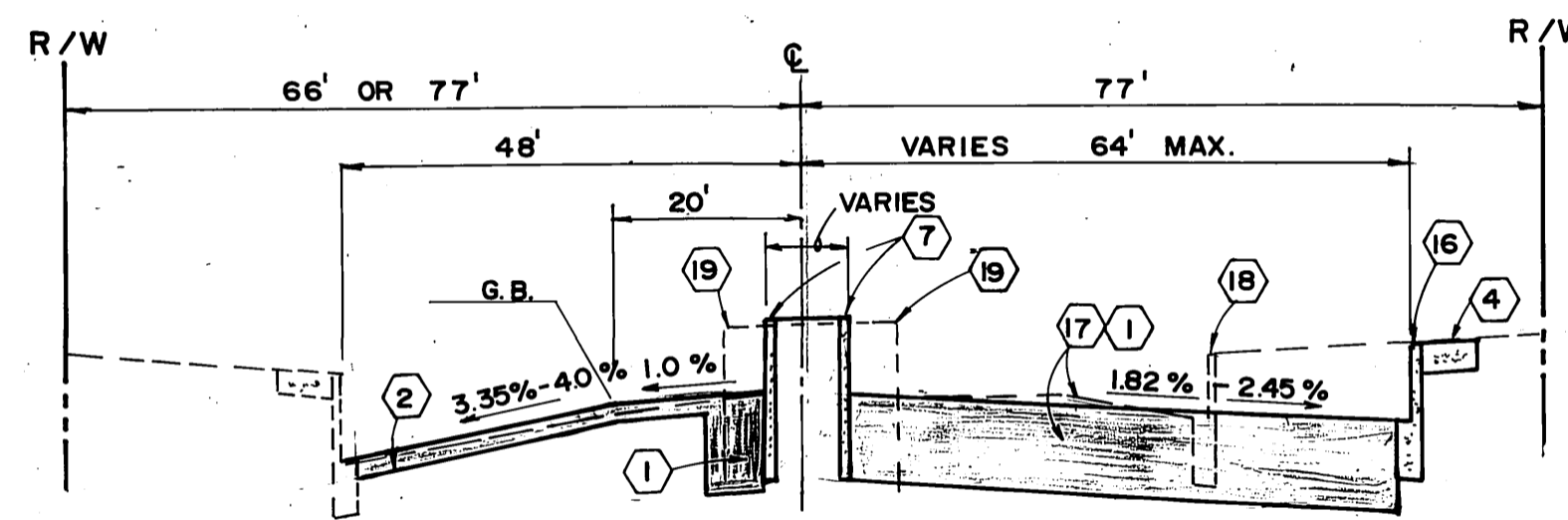
MAGNOLIA AVENUE

STA. 155+25 — STA. 156+25
N.T.S.



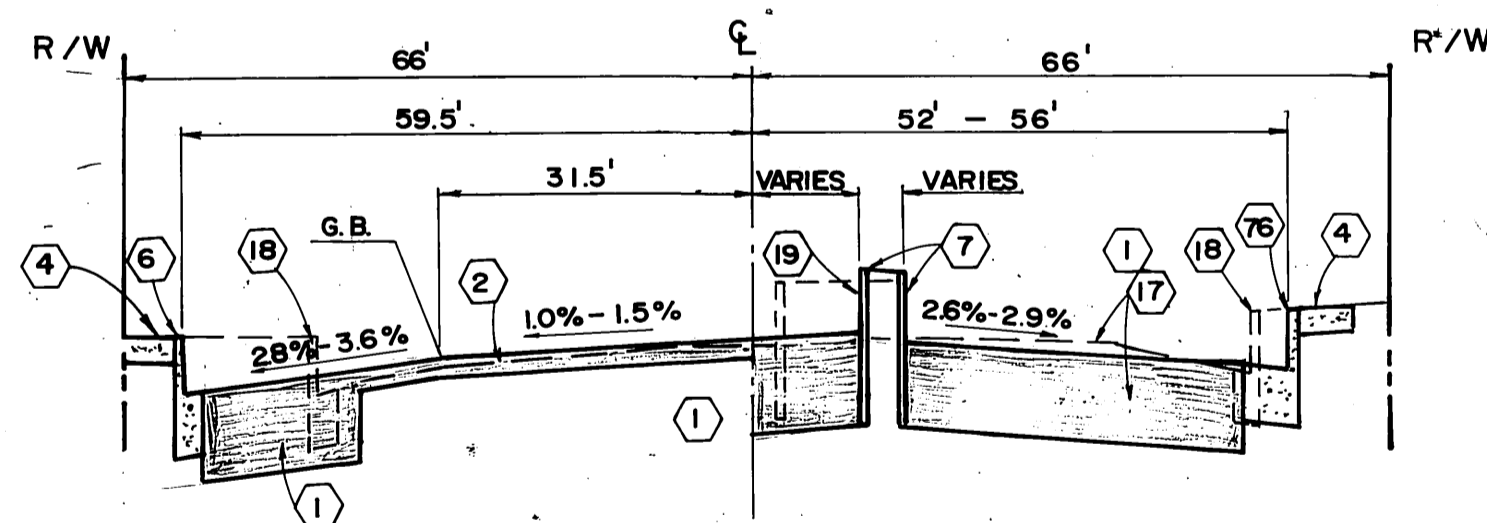
MAGNOLIA AVENUE

STA. 156+25 — STA. 157+50
N.T.S.



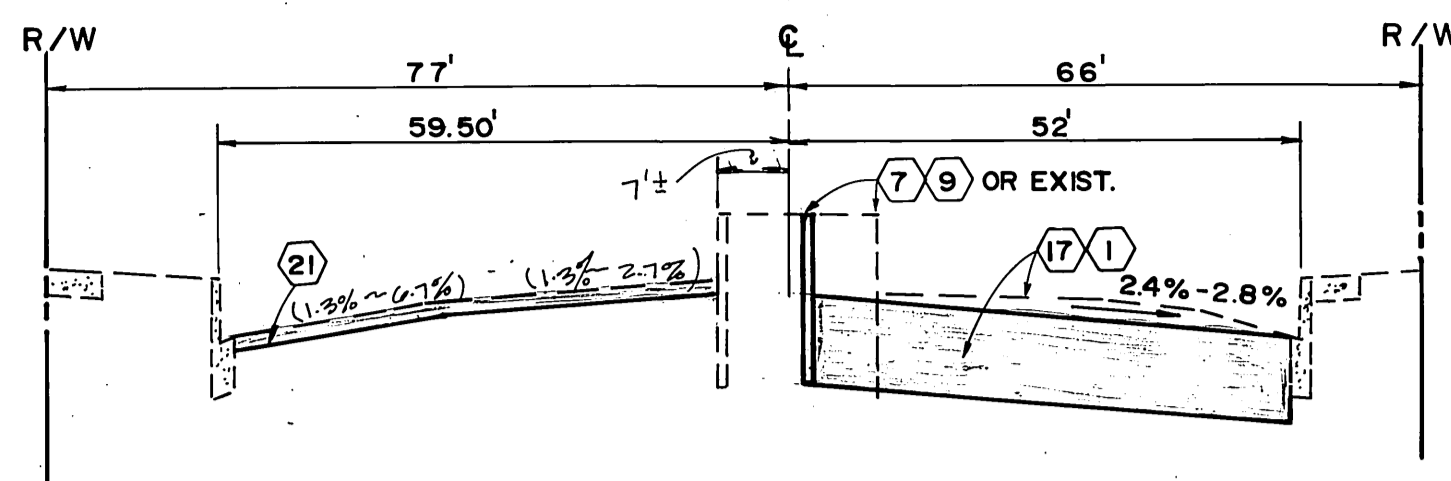
MAGNOLIA AVENUE

STA. 158+50 — STA. 160+75
N.T.S.



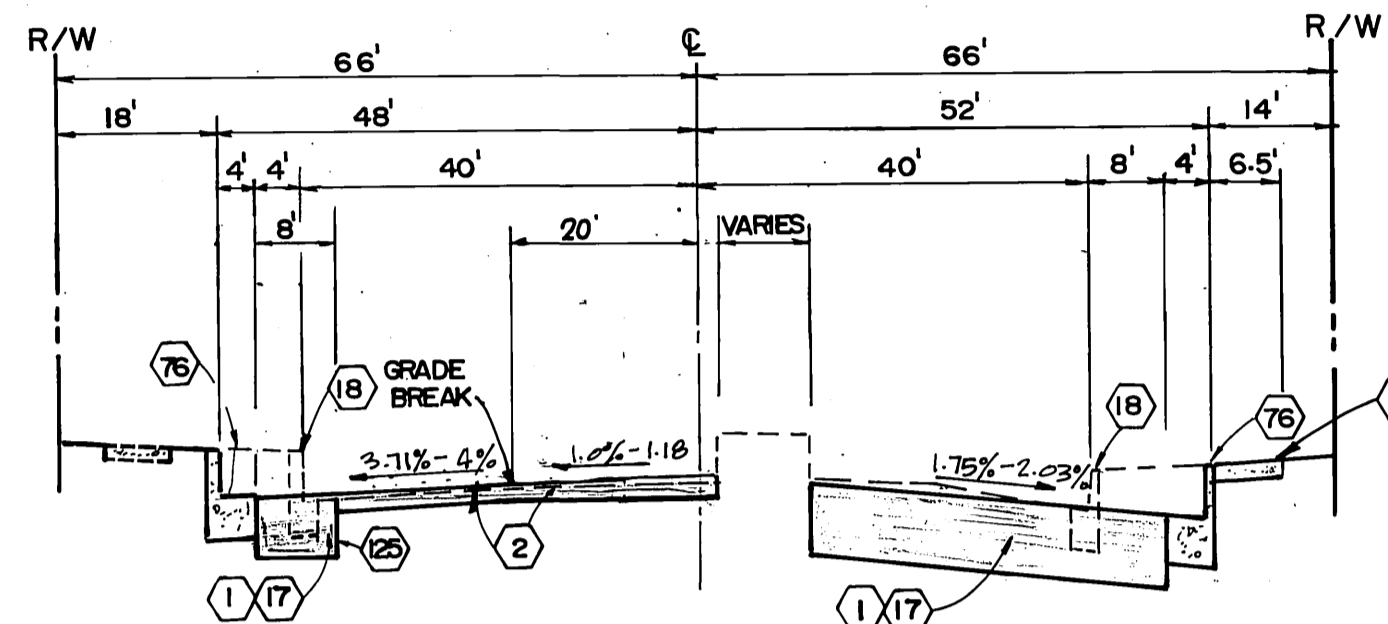
MAGNOLIA AVENUE

STA. 167+50 — STA. 169+56
N.T.S.



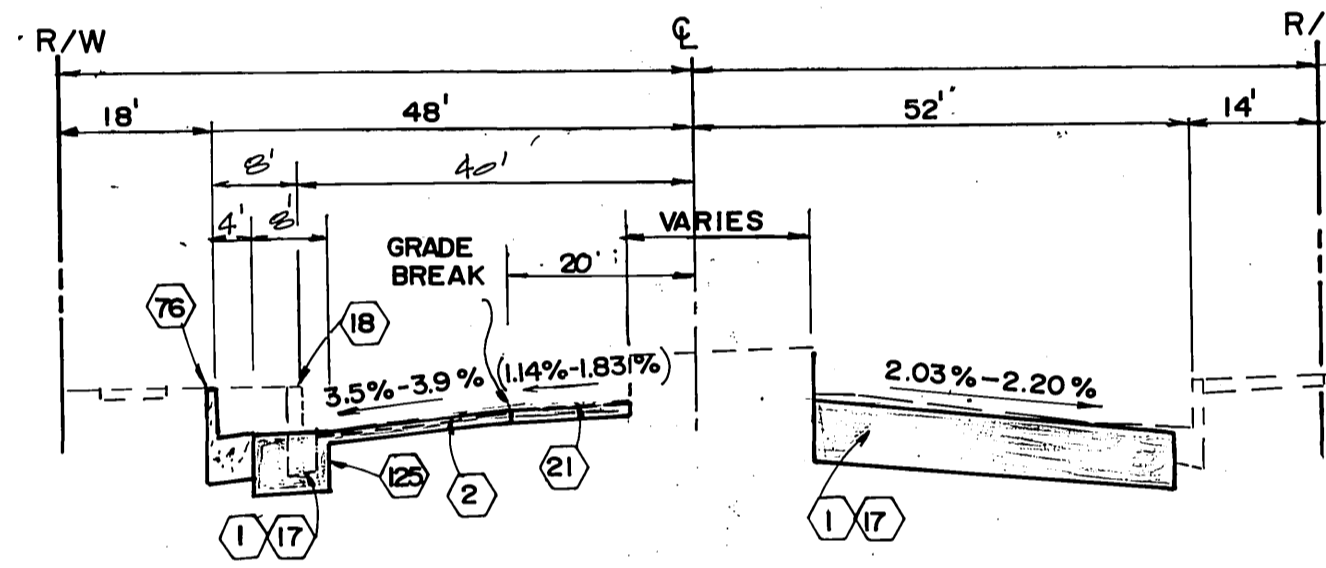
MAGNOLIA AVENUE

STA. 169+56 — STA. 171+55
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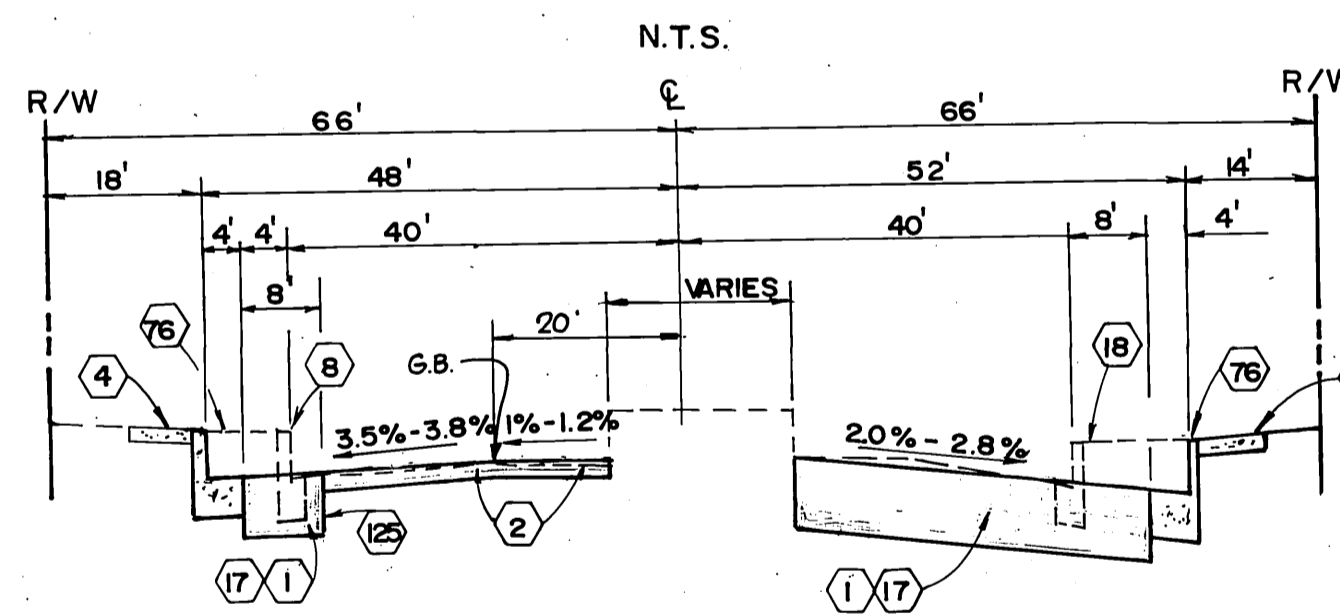


MAGNOLIA AVENUE

STA. 173+00 — STA. 174+25.00
N.T.S.



STA. 174+25



MAGNOLIA AVENUE

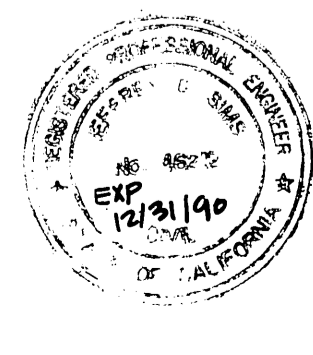
STA. 175+75.00 — STA. 176+50.00
N.T.S.

Underground Service Alert



PRIVATE ENGINEERING NOTE

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PREPARED UNDER THE DIRECTION OF: *J.F. Davidson*
REGISTERED CIVIL ENGINEER NO. 46212
EXPIRATION DATE: 12-31-90 DATE: 12/10/19
APPROVED BY: _____

J.F. Davidson Associates, Inc.
ENGINEERING PLANNING SURVEYING ARCHITECTURE LANDSCAPE ARCHITECTURE
3880 Lemon Street, Suite 300 P.O. Box 493 Riverside, CA 92502 (714) 686-9844 FAX 714-686-9844
11200 S. Mt. Vernon Ave., Suite "D" Colton, CA 92324 (714) 829-1082
73-080 El Paseo, Suite 106 Palm Desert, CA 92260 (818) 346-5591 FAX 619-340-0529

SCALE: N.T.S.
DATE: JULY 1990

MARK	REVISIONS	APPR.	DATE

DESIGNED BY LIN M. DRAWN BY CMF CHECKED BY JWS

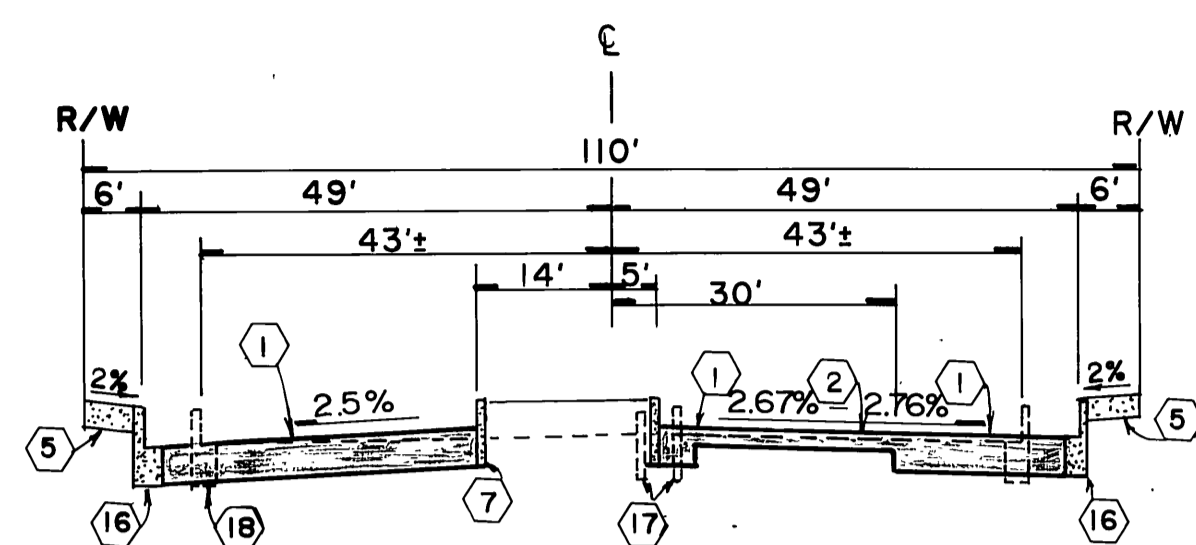
CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY	BY	DATE

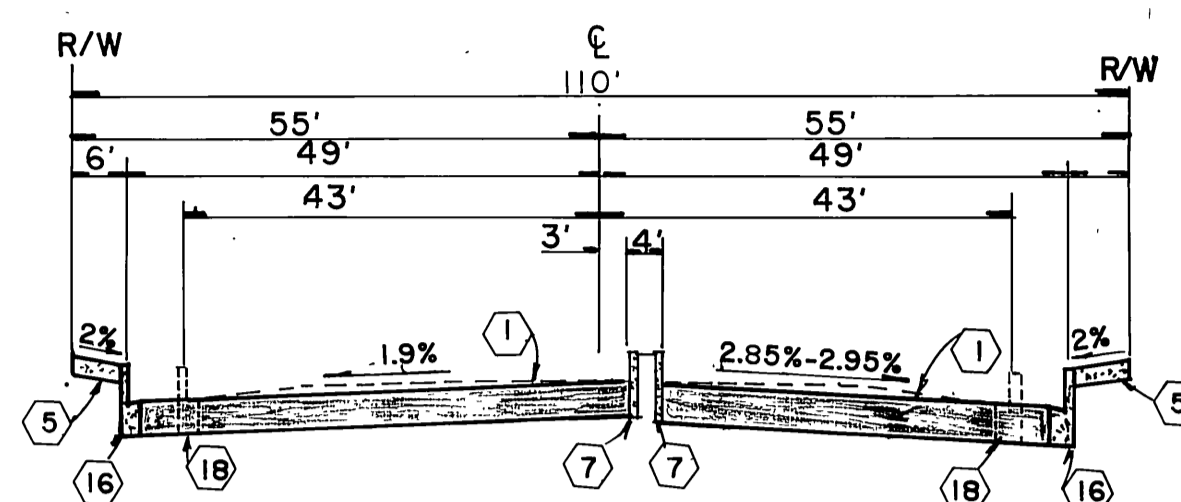
APPROVED BY: *Ray Beal*
DIRECTOR OF PUBLIC WORKS
DATE: 12/20/90

TYLER MALL EXPANSION
C.F.D. # 90-2 IMPROVEMENTS
STREET IMPROVEMENT PLAN
TYPICAL SECTIONS
NOT TO SCALE

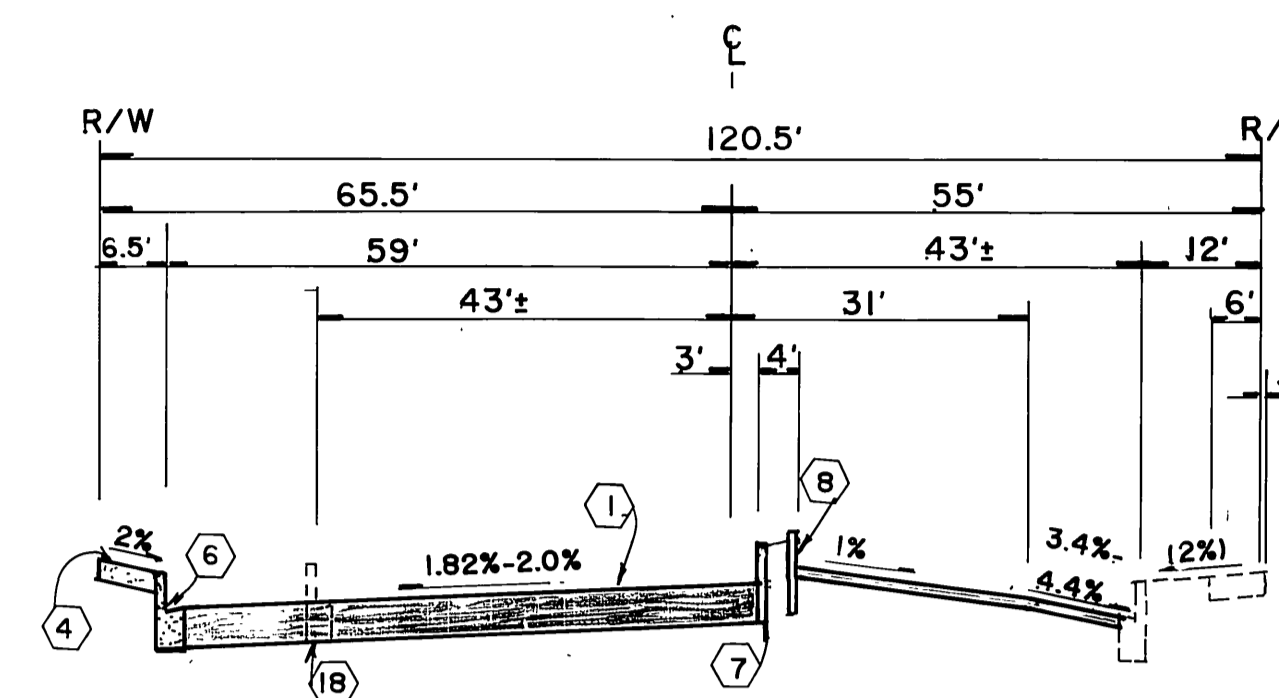
PROJECT NO. **R-3194**
SHEET **3** OF **35**
FILE NO. **8911175**



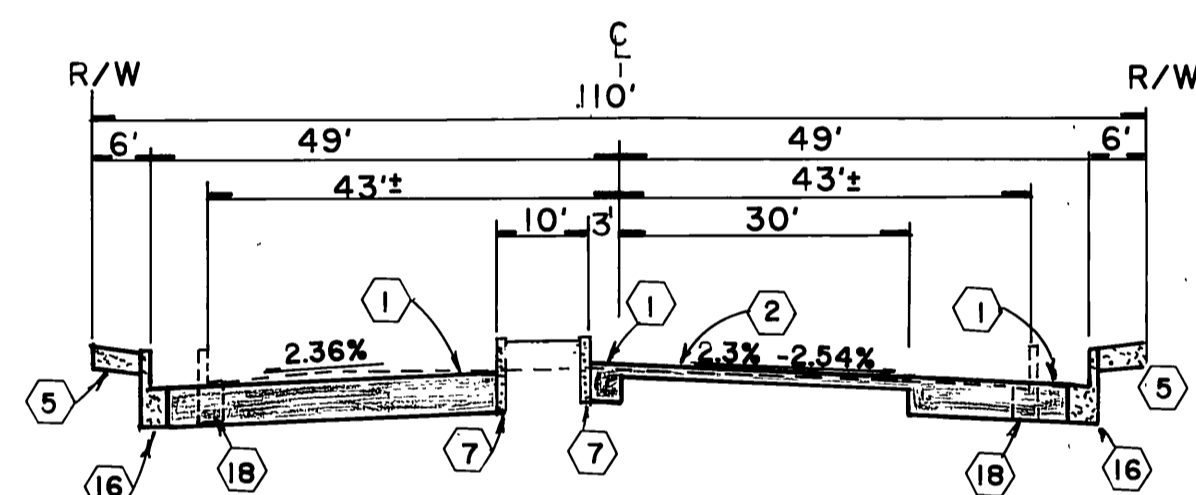
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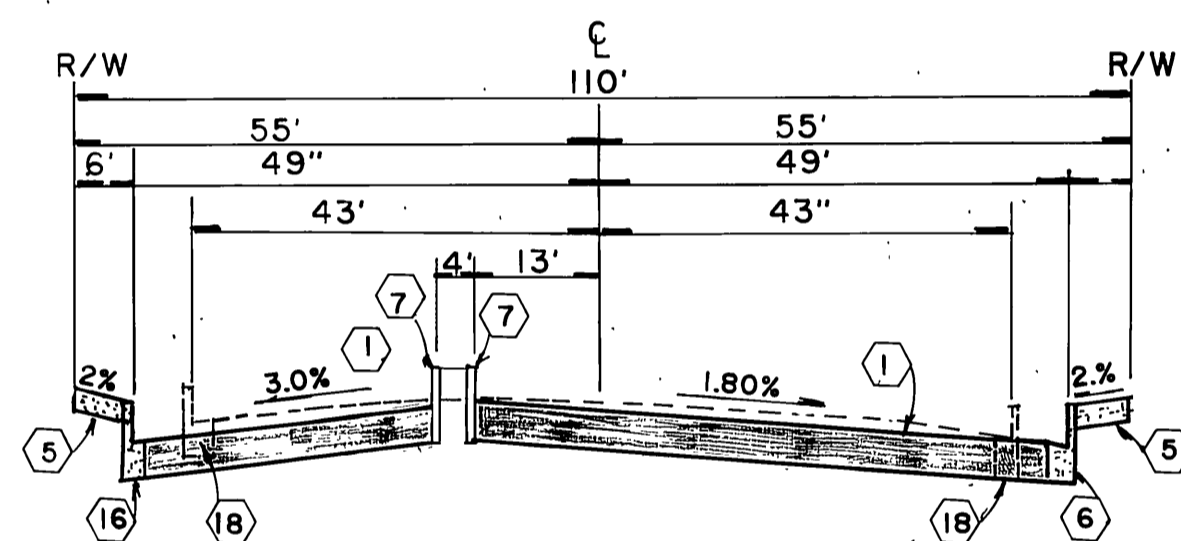
TYLER STREET
22+50.00 23+13.00



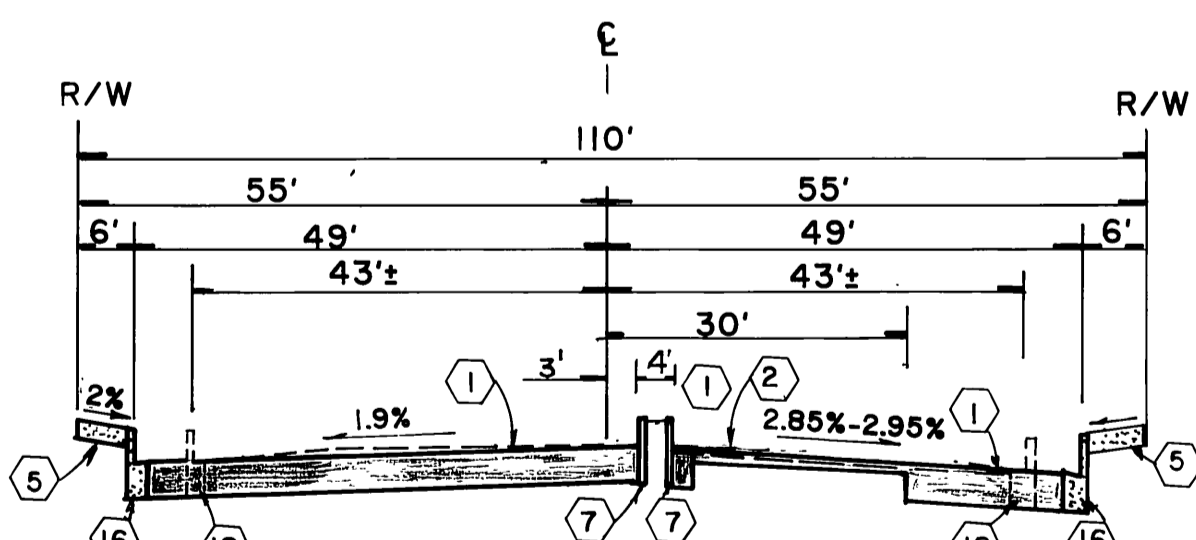
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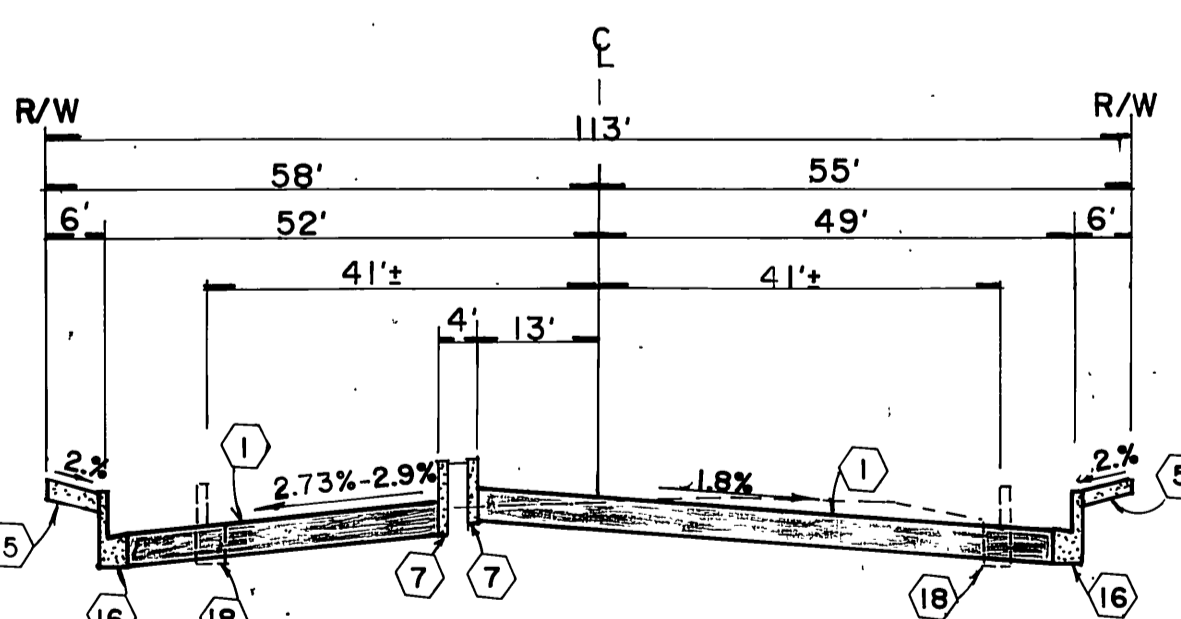
TYLER STREET
18+40.00 20+38.31



TYLER STREET
24+33.00 25+36.02



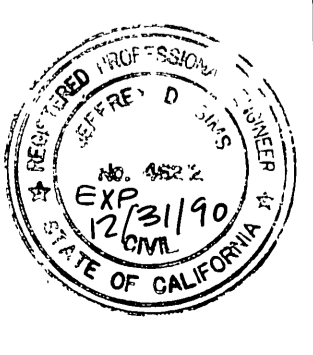
TYLER STREET
21+43.00 22+50.00



TYLER STREET
25+70.53 26+68.53



PRIVATE ENGINEERING NOTE
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PREPARED UNDER THE DIRECTION OF:
J. Davidson
REGISTERED CIVIL ENGINEER NO. 46212
EXPIRATION DATE: 12-31-90 DATE: 12/12/90
APPROVED BY:

SCALE: N.T.S. BENCH MARK:
DATE: JULY 1990

J.F. Davidson Associates, Inc.
ENGINEERING PLANNING SURVEYING ARCHITECTURE LANDSCAPE ARCHITECTURE
3880 Lemon Street, Suite 300 11200 S. Mt. Vernon Ave., Suite "D" 73-080 El Paseo, Suite 106
P.O. Box 493 Colton, CA 92324 Palm Desert, CA 92260
Riverside, CA 92502 (714) 825-1082 (619) 345-2691
FAX 714-886-9844 FAX 619-340-0529

MARK	REVISIONS	APPR.	DATE

DESIGNED BY L.M. DRAWN BY A.S. CHECKED BY J.S. 12/22/90

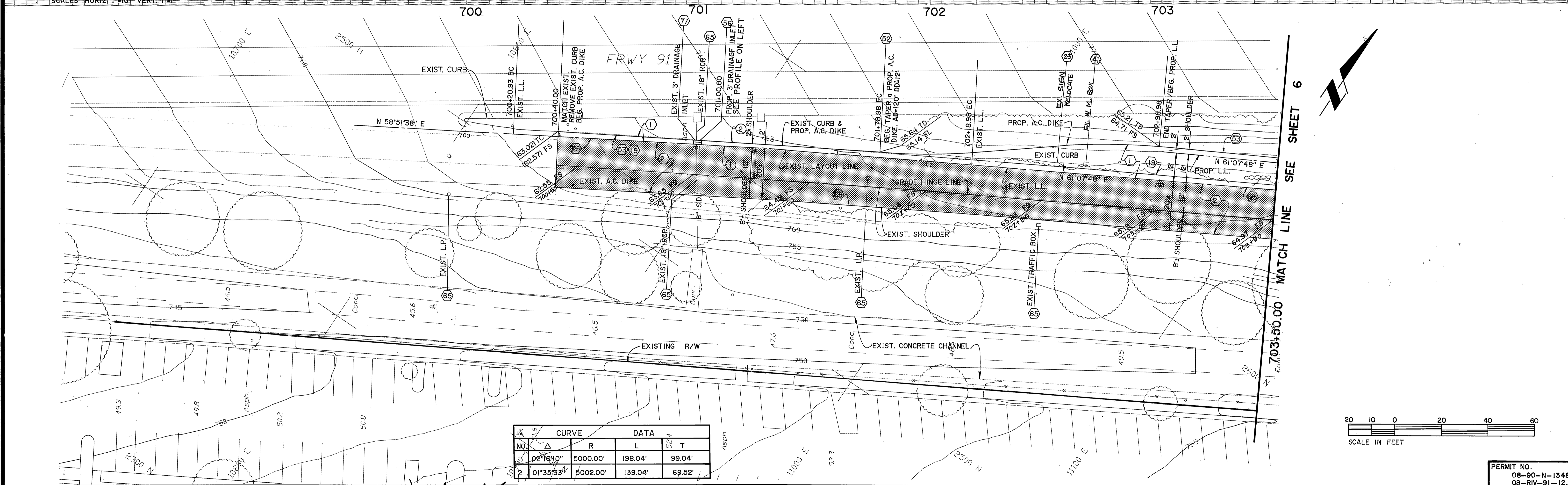
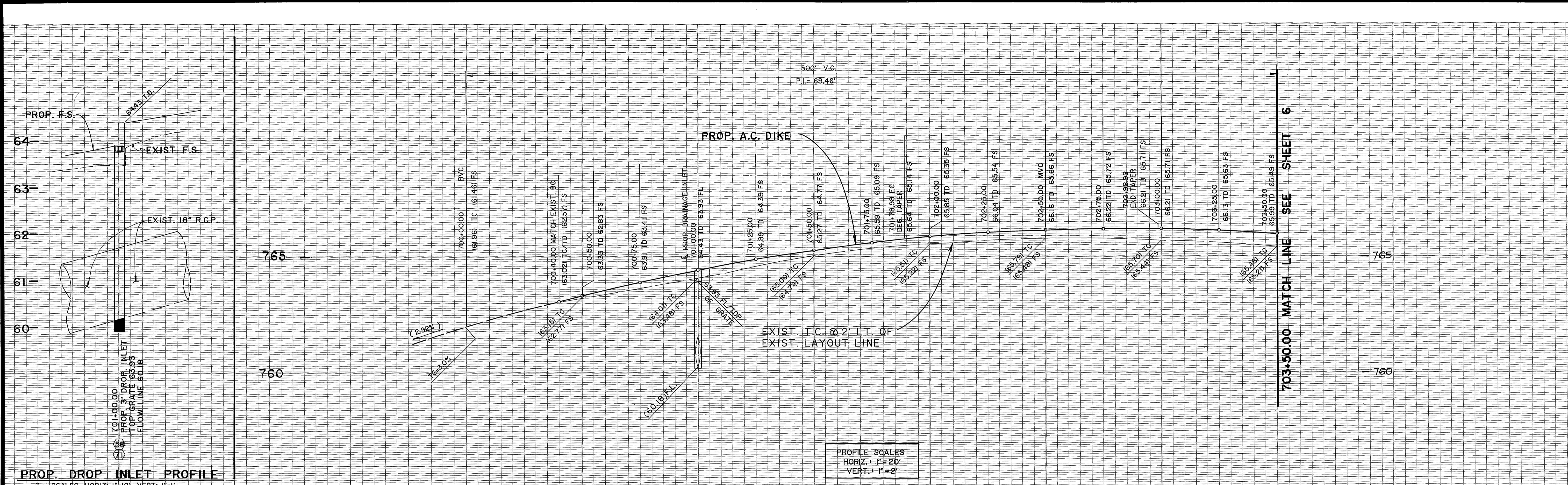
CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER	<i>LM</i>	12/12/90
PARK DEPARTMENT	<i>AS</i>	12/22/90
TRAFFIC DIVISION	<i>AMG</i>	12/22/90
CHIEF P.W. ENGR.	<i>AMG</i>	12/22/90

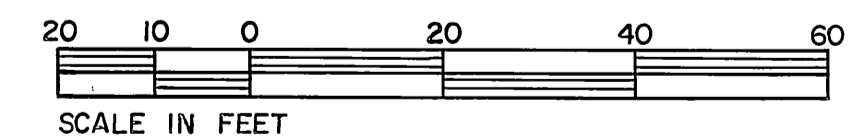
APPROVED BY
Ray Bol
DIRECTOR OF PUBLIC WORKS
DATE: 12/20/90

TYLER MALL EXPANSION
C.F.D. # 90-2 IMPROVEMENTS
STREET IMPROVEMENT PLAN
TYPICAL SECTIONS

PROJECT NO.
R-3194
SHEET **4** OF 35
FILE NO.: 8911175

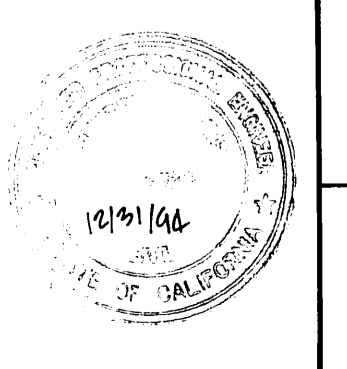


CURVE DATA				
NO.	Δ	R	L	T
1	02°18'10"	5000.00'	198.04'	99.04'
2	01°35'53"	5002.00'	139.04'	69.52'



Underground Service Alert
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1-800-422-4133
 TWO WORKING DAYS BEFORE YOU DIG

PRIVATE ENGINEERING NOTE
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PREPARED UNDER THE DIRECTION OF:
 REGISTERED CIVIL ENGINEER NO. 46212
 EXPIRATION DATE: 12/31/94 DATE: 4/11/94
 APPROVED BY: [Signature]

J.F. Davidson Associates, Inc.
 ENGINEERING PLANNING SURVEYING ARCHITECTURE LANDSCAPE ARCHITECTURE
 3880 Lemon Street, Suite 300 11200 S. Mt. Vernon Ave., Suite "D" 73-080 El Paseo, Suite 106
 P.O. Box 493 Riverside, CA 92502 Palm Desert, CA 92260
 (714) 686-0844 (714) 852-1022 (619) 346-6981
 FAX 714-686-5954 FAX 619-340-0529

SCALE: 1"=20'
 DATE: FEB. 1991
 BENCH MARK: BRONZE DISK IN CONCRETE POST STAMPED 601-26-88 AT THE BACK OF THE S.W. 65.5' S.E. OF THE CENTER LINE OF MAGNOLIA AVE. 52.0' N.E. OF THE CENTER LINE OF TYLER ST. ELEVATION=742.43'

MARK REVISIONS APPR. DATE
 DESIGNED BY L.M. DRAWN BY J.A.A. CHECKED BY J.D.S.

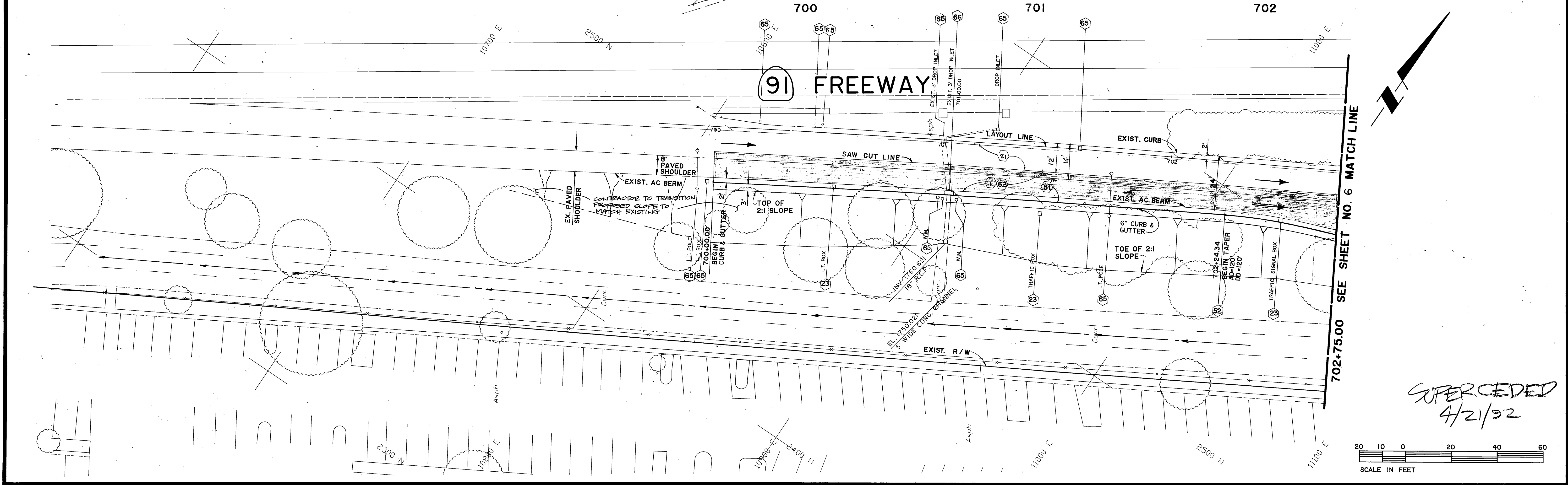
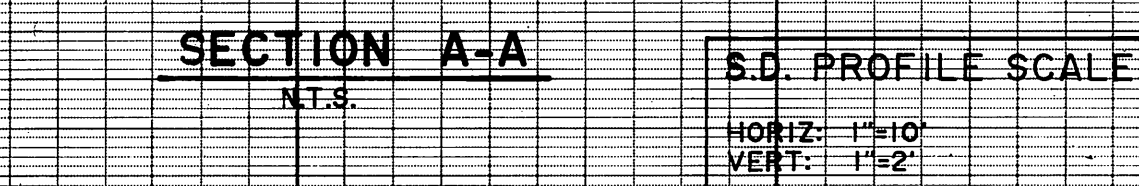
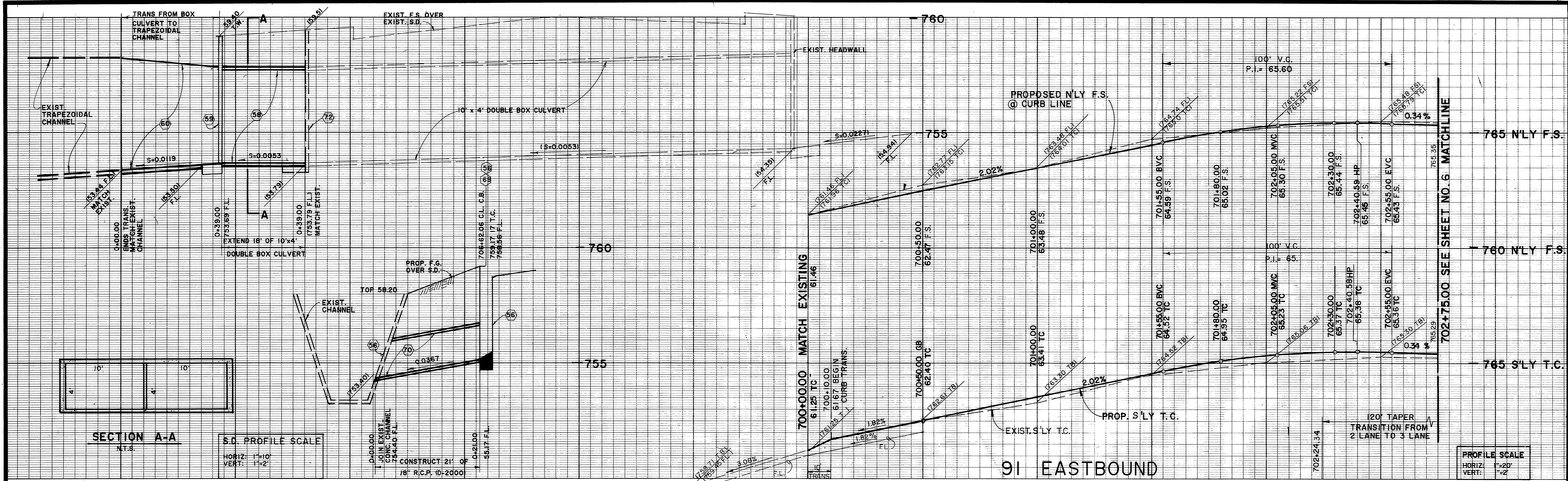
CITY OF RIVERSIDE, CALIFORNIA
 DEPARTMENT OF PUBLIC WORKS

APPROVED BY [Signature] DATE 3/21/92
 DIRECTOR OF PUBLIC WORKS

TYLER MALL EXPANSION
 C F D #00-2 IMPROVEMENTS
 STREET IMPROVEMENT PLAN
91-FREWAY
 EASTBOUND OFF-RAMP
 700+00 TO 703+50

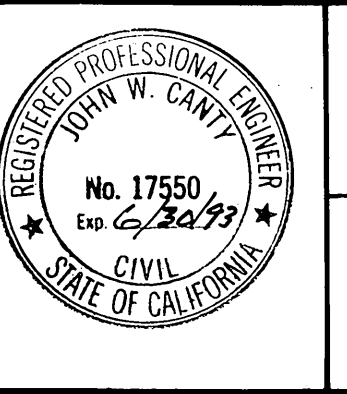
PERMIT NO. 08-90-N-1348
 08-RIV-91-12.91
 PROJECT NO. R-3194
 SHEET 5 OF 35
 FILE NO. 8911175
 REVISED PLANS

INDEXED 1-18-93 fll



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PREPARED UNDER THE DIRECTION OF:
John W. Canty
 REGISTERED CIVIL ENGINEER NO. 17550
 EXPIRATION DATE: 6-30-95 DATE: 7/21/90
 APPROVED BY:

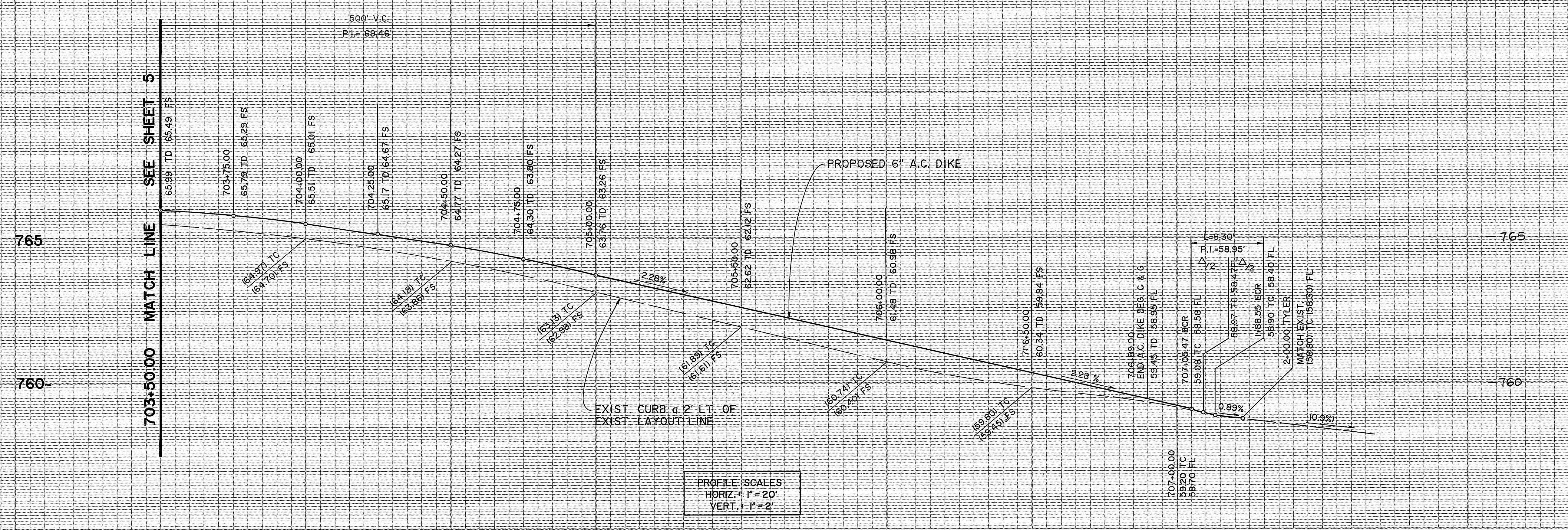
J.F. Davidson Associates, Inc.
 ENGINEERING PLANNING SURVEYING ARCHITECTURE LANDSCAPE ARCHITECTURE
 3880 Lemon Street, Suite 300 P.O. Box 493 Riverside, CA 92502 (714) 688-0844 FAX 714-688-5954
 11200 S. Mt. Vernon Ave., Suite "D" Colton, CA 92324 (714) 825-1082
 73-080 El Paseo, Suite 106 Palm Desert, CA 92260 (619) 348-5691 FAX 619-340-0929
 BENCH MARK: BRONZE DISK IN CONCRETE POST, STAMPED 801-26-68 AT THE BACK OF THE S.W. 65.5' SE. OF THE C.L. OF MAGNOLIA AVE. 52.0' NE. OF THE C.L. OF TYLER ST. ELEVATION = 742.243'

SCALE: 1"=20'
 DATE: JULY 1990
 DESIGNED BY: L.M. DRAWN BY: A.G. CHECKED BY: J.S.

CITY OF RIVERSIDE, CALIFORNIA
 DEPARTMENT OF PUBLIC WORKS
 APPROVED BY: [Signature] DATE: 12/20/90
 PRINCIPAL ENGINEER
 PARK DEPARTMENT
 TRAFFIC DIVISION
 CHIEF P.W. ENGR.

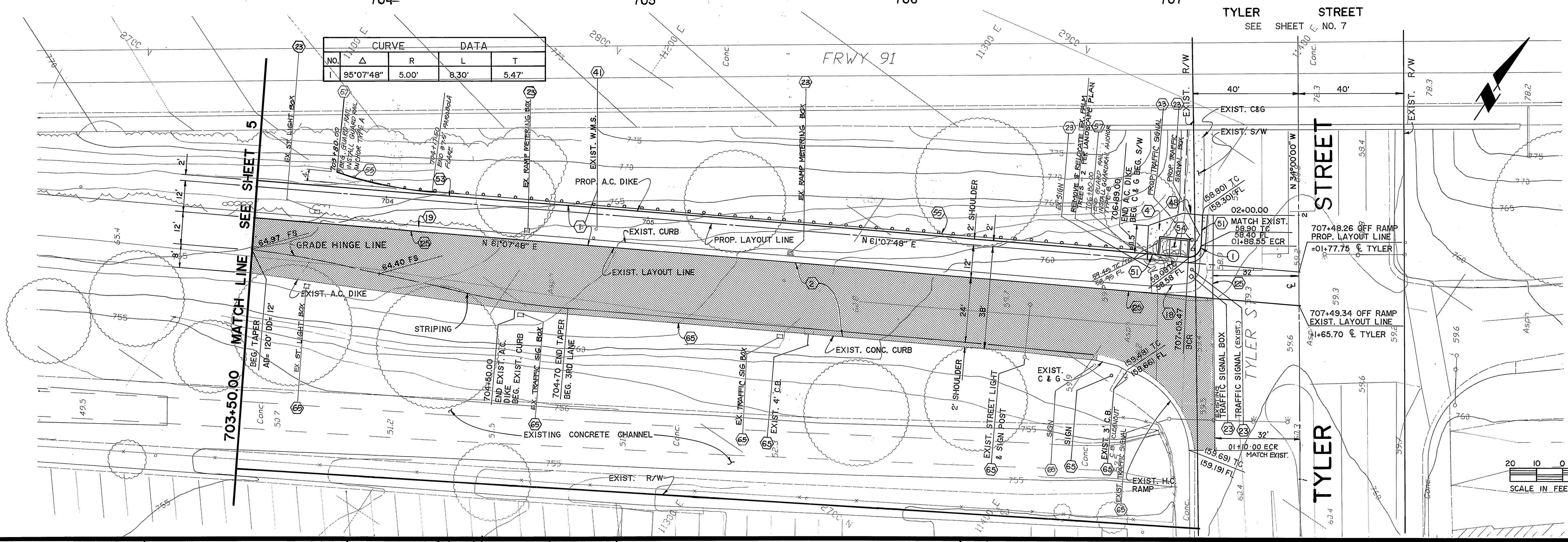
TYLER MALL EXPANSION
 C.F.D.# 90-2 IMPROVEMENTS
 STREET IMPROVEMENT PLAN
91 FREEWAY
 EAST BOUND OFF-RAMP
 STA 702+24.34 TO STA 702+75.00
 HORIZ. SCALE: 1"=20' VERT. SCALE: 1"=2'

PROJECT NO: R-3194
 SHEET: 5 OF 35
 FILE NO: 8911175



PROFILE SCALES
 HORIZ. 1" = 20'
 VERT. 1" = 2'

CURVE DATA				
NO.	Δ	R	L	T
1	95°07'48"	5.00'	8.30'	5.47'



Underground Service Alert
 Call: TOLL FREE
 1-800
 422-4133
 TWO WORKING DAYS BEFORE YOU DIG

PRIVATE ENGINEERING NOTE
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PREPARED UNDER THE DIRECTION OF:
 REGISTERED CIVIL ENGINEER NO. 46212
 EXPIRATION DATE: 12/31/94 DATE: 4/10/91
 APPROVED BY:

J.F. Davidson Associates, Inc.
 ENGINEERING PLANNING SURVEYING ARCHITECTURE LANDSCAPE ARCHITECTURE
 3880 Lemon Street, Suite 300 P.O. Box 493 Riverside, CA 92502 (714) 686-0844 FAX 714-686-9554
 11200 S. Mt. Vernon Ave., Suite "D" Colton, CA 92324 (714) 686-1082
 73-080 El Paseo, Suite 106 Palm Desert, CA 92260 (919) 346-5591 FAX 619-340-0529

SCALE: 1" = 20'
 DATE: FEB. 1991
 BENCH MARK: BRONZE DISK IN CONCRETE POST STAMPED 601-26-68 AT THE BACK OF THE S.W. 65.5' S.E. OF THE CENTER LINE OF MAGNOLIA AVE 52.0' N.E. OF THE CENTER LINE OF TYLER ST. ELEVATION +742.43'

MARK	REVISIONS	APPR	DATE
DESIGNED BY L.M.	DRAWN BY J.A.A.	CHECKED BY J.D.S.	

CITY OF RIVERSIDE, CALIFORNIA
 DEPARTMENT OF PUBLIC WORKS

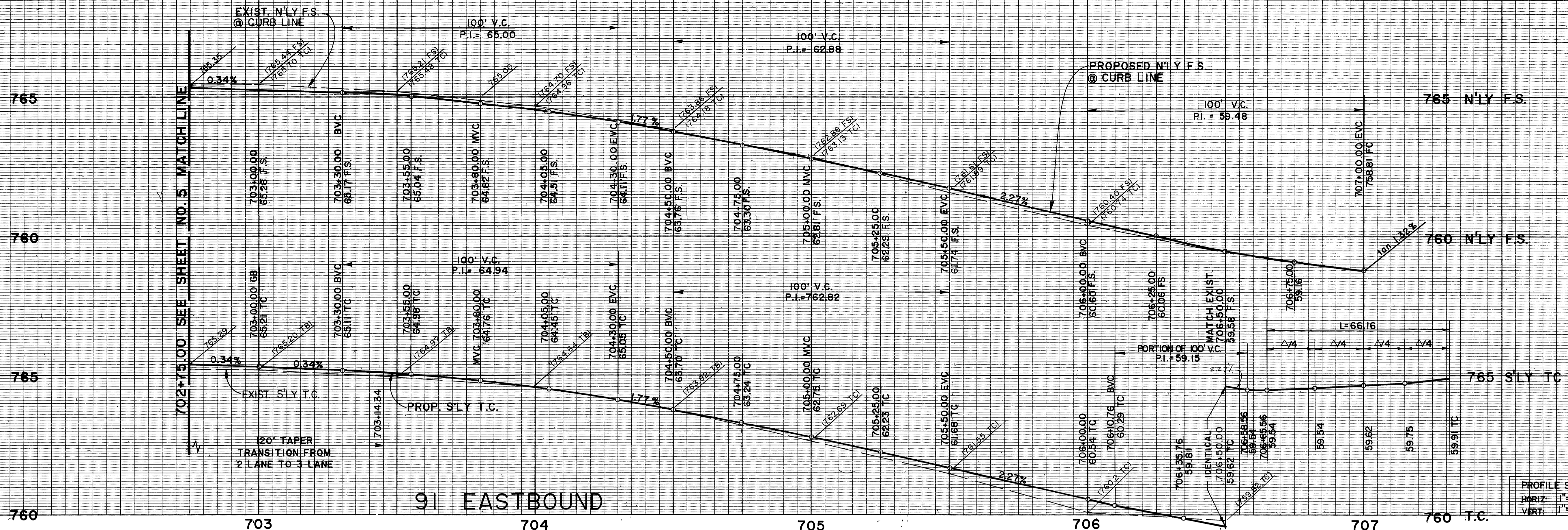
APPROVED BY: [Signature]
 BY: [Signature]
 DATE: 4.21.92

APPROVED BY: [Signature]
 BY: [Signature]
 DATE: 4.21.92

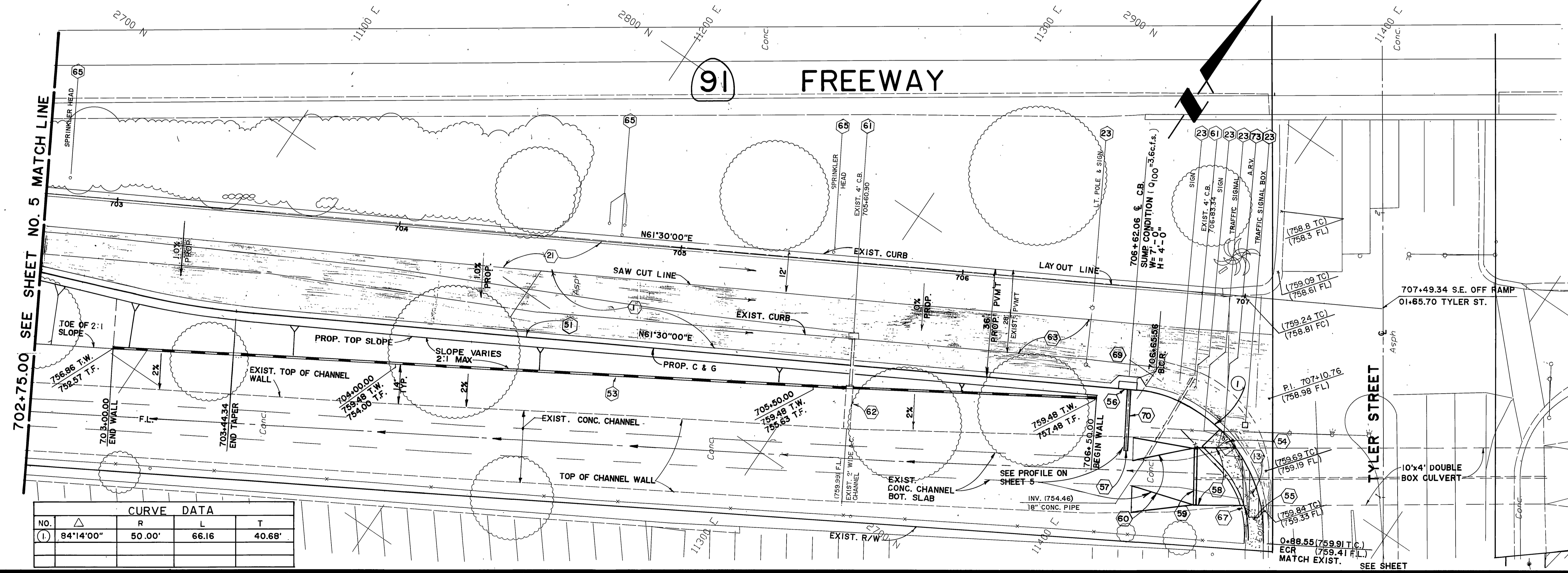
TYLER MALL EXPANSION
 C F D #90-2 IMPROVEMENTS
 STREET IMPROVEMENT PLAN
91-FREEWAY
 EASTBOUND OFF-RAMP
 703+50 TO TYLER ST.

PERMIT NO. 08-90-N-1348
 08-RIV-91-12.91

PROJECT NO. R-3194
 SHEET 6 OF 35
 FILE NO. 8911175

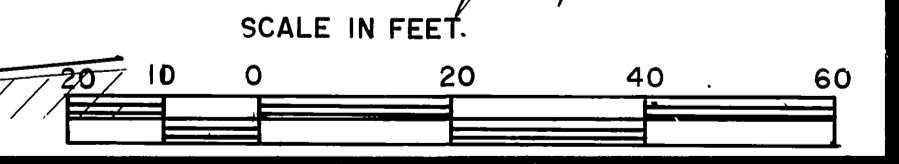


PROFILE SCALE
 HORIZ: 1"=20'
 VERT: 1"=2'



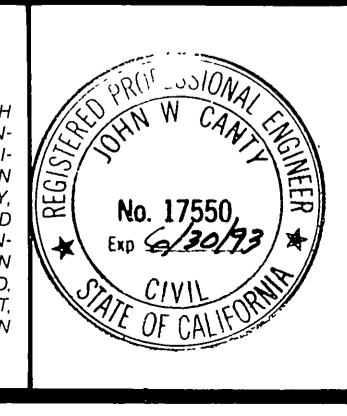
CURVE DATA			
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SUPERCEDED
 4/21/92



Underground Service Alert
 Call: TOLL FREE
1-800-422-4133
 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:
J.F. Davidson
 REGISTERED CIVIL ENGINEER NO. 17550
 EXPIRATION DATE: 6-30-93 DATE: 7/1/90
 APPROVED BY:

J.F. Davidson Associates, Inc.
 ENGINEERING PLANNING SURVEYING ARCHITECTURE LANDSCAPE ARCHITECTURE
 3880 Lemon Street, Suite 300 P.O. Box 493 Riverside, CA 92502
 11200 S. Mil Vernon Ave., Suite "D" Colton, CA 92324 (714) 825-1082
 73080 E. Passes, Suite 106 Palm Desert, CA 92260 (619) 346-9991
 FAX 714-886-0844 FAX 619-340-0929

BENCH MARK: BRONZE DISK IN CONCRETE POST, STAMPED 601-26-68 AT THE BACK OF THE S.W. 55' S.E. OF THE CL. OF MAGNOLIA AVE. 52.0' N.E. OF THE CL. OF TYLER ST. ELEVATION = 742.243'

SCALE 1"=20'
 DATE JULY 1990

MARK	REVISIONS	APPR	DATE

DESIGNED BY D.S.K. DRAWN BY A.S. CHECKED BY J.S.

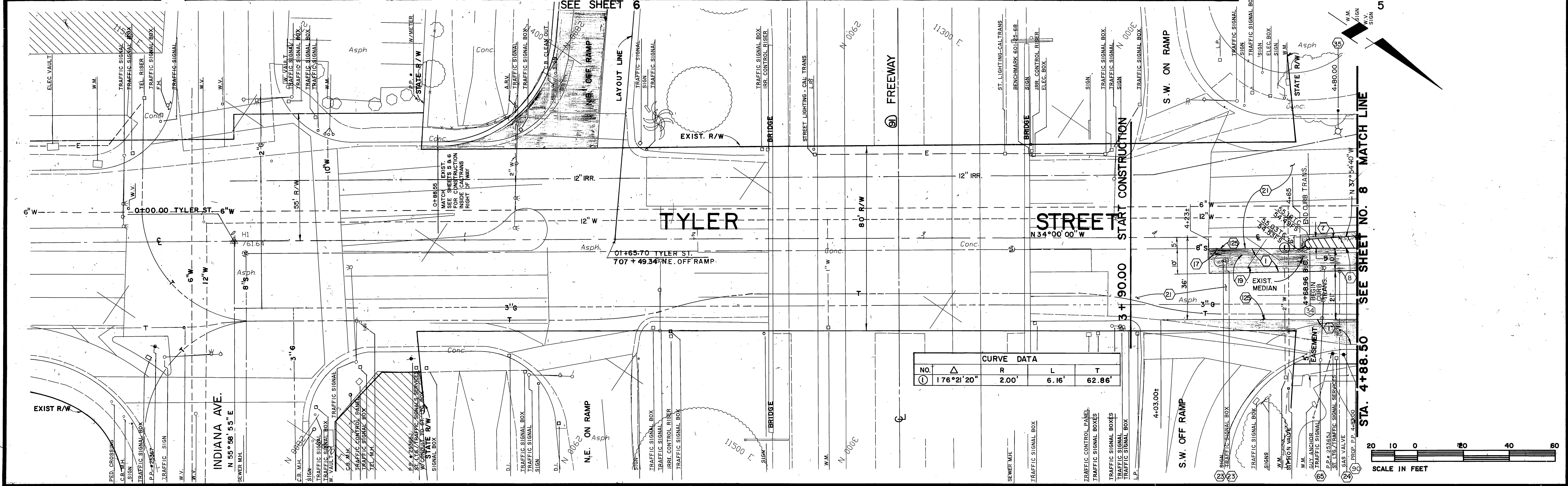
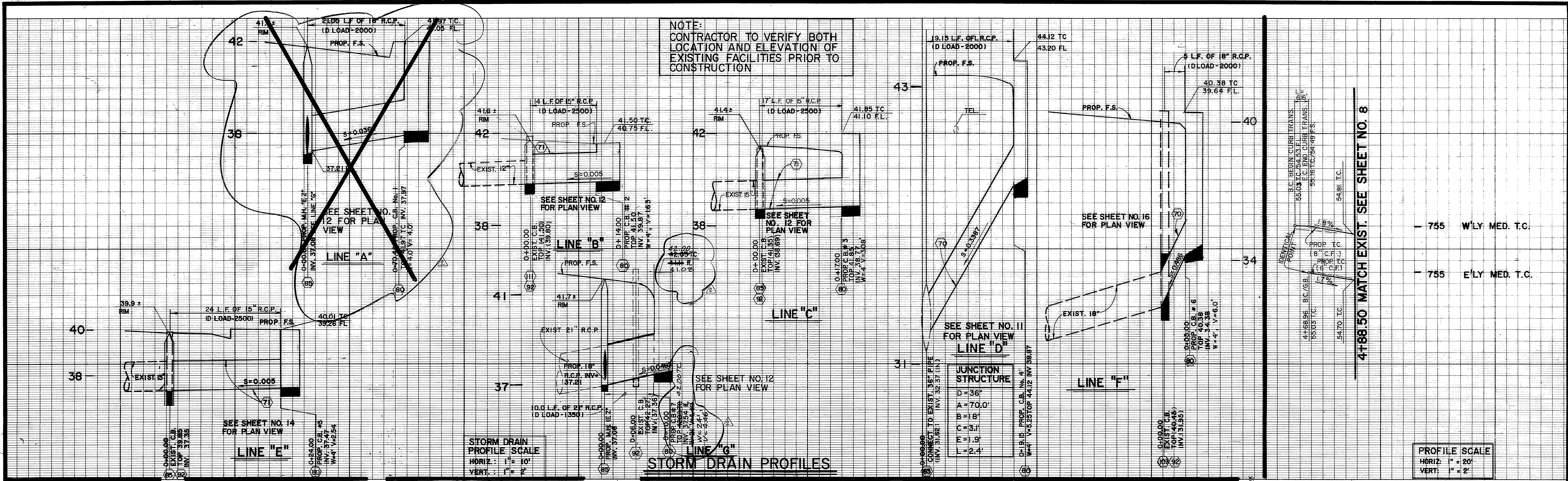
CITY OF RIVERSIDE, CALIFORNIA
 DEPARTMENT OF PUBLIC WORKS

APPROVED BY: *[Signature]* DATE: 12/20/90
 PRINCIPAL ENGINEER
 PARK DEPARTMENT
 TRAFFIC DIVISION
 CHIEF P.W. ENGR

TYLER MALL EXPANSION
 C.F.D.#90-2 IMPROVEMENTS
 STREET IMPROVEMENT PLAN
91-FREEWAY
 EASTBOUND OFF-RAMP
 STA. 702+75.00 TO TYLER ST.

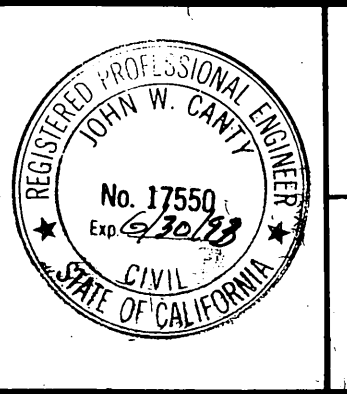
HORIZ SCALE 1"=20' VERT SCALE 1"=2'

PROJECT NO. **R-3194**
 SHEET **6** OF **35**
 FILE NO. 8911175



Underground Service Alert
Call: TOLL FREE
1-800
422-4133
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 CHALLENGED, 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
REGISTERED CIVIL ENGINEER No. 17550
EXPIRATION DATE: 6-30-93 DATE: 7/31/90
CITY OF RIVERSIDE
WATER DEPT.
REVIEWED BY: *A. J. Syed* DATE: 07/19/90

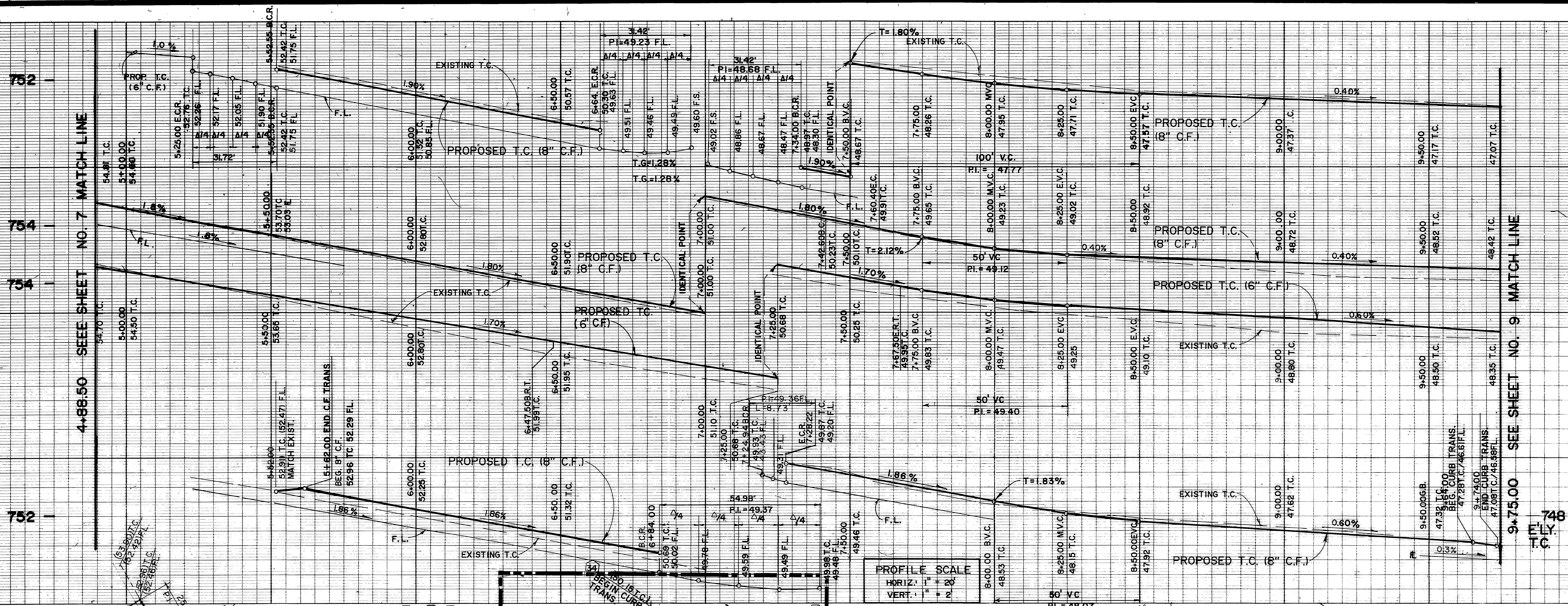
J.F. Davidson Associates, Inc.
ENGINEERING PLANNING SURVEYING ARCHITECTURE LANDSCAPE ARCHITECTURE
3880 Lemon Street, Suite 300 P.O. Box 493 Riverside, CA 92504 (714) 689-0544 FAX 714-688-5954
11200 S. Mt. Vernon Ave., Suite "D" Colton, CA 92324 (714) 825-1082
73-080 El Paseo, Suite 106 Palm Desert, CA 92260 (619) 346-5691 FAX 619-340-0929
SCALE: 1" = 20'
DATE: JULY 1990
BENCH MARK: BRONZE MARK IN CONCRETE POST, STAMPED 601-26-68 AT THE BACK OF THE S.W. 65.5' S.E. OF THE CL. OF MAGNOLIA AVE. 52.0' N.E. OF THE CL. OF TYLER ST. ELEVATION = 742.243'

DESIGNED BY: L.M. DRAWN BY: A.S. CHECKED BY: J.S.
REVISIONS: REVISED CATCH BASIN # 7 & CURVE C.B. # 1
MARK: [] REVISIONS: [] APPR. DATE: []

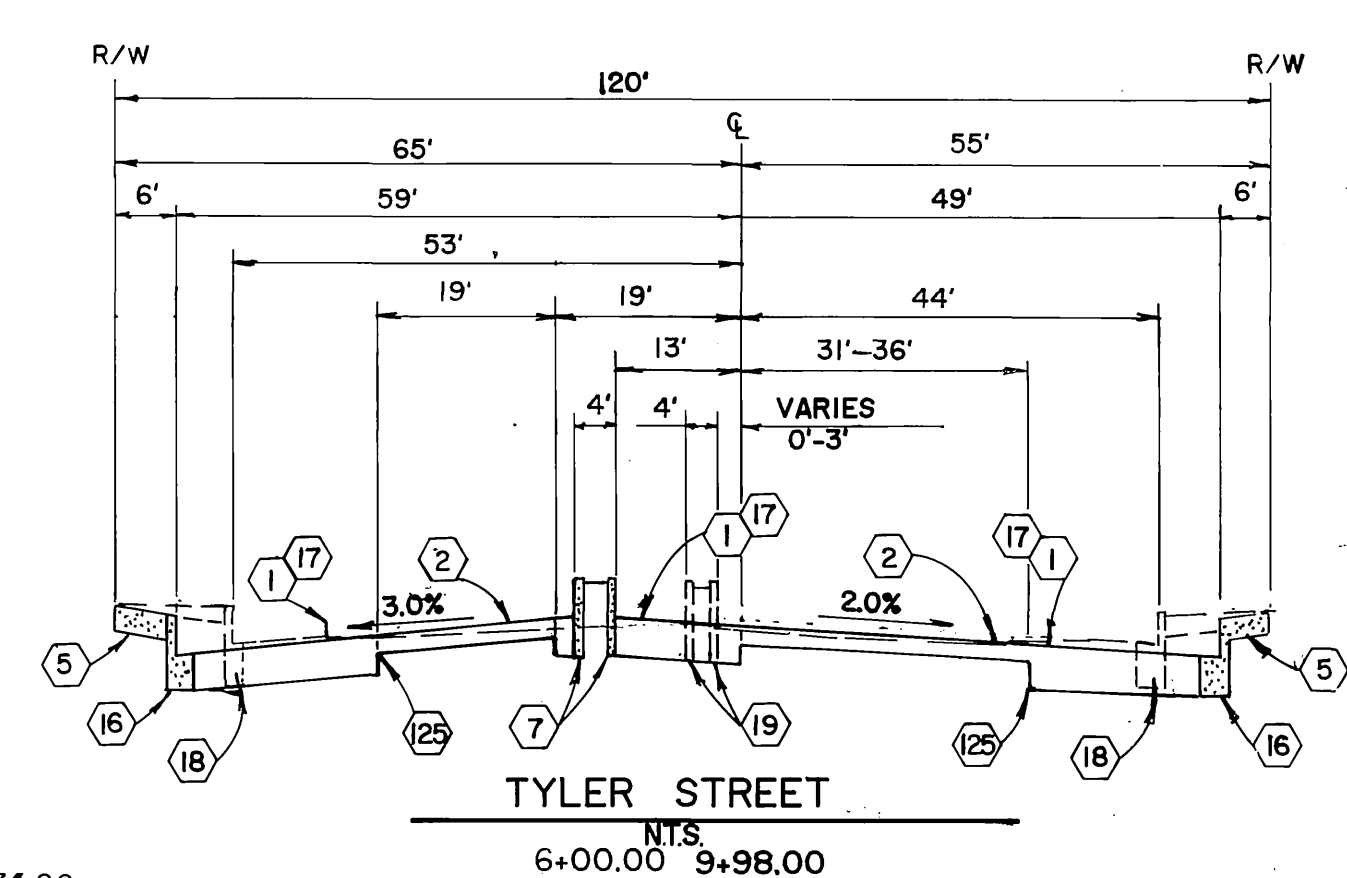
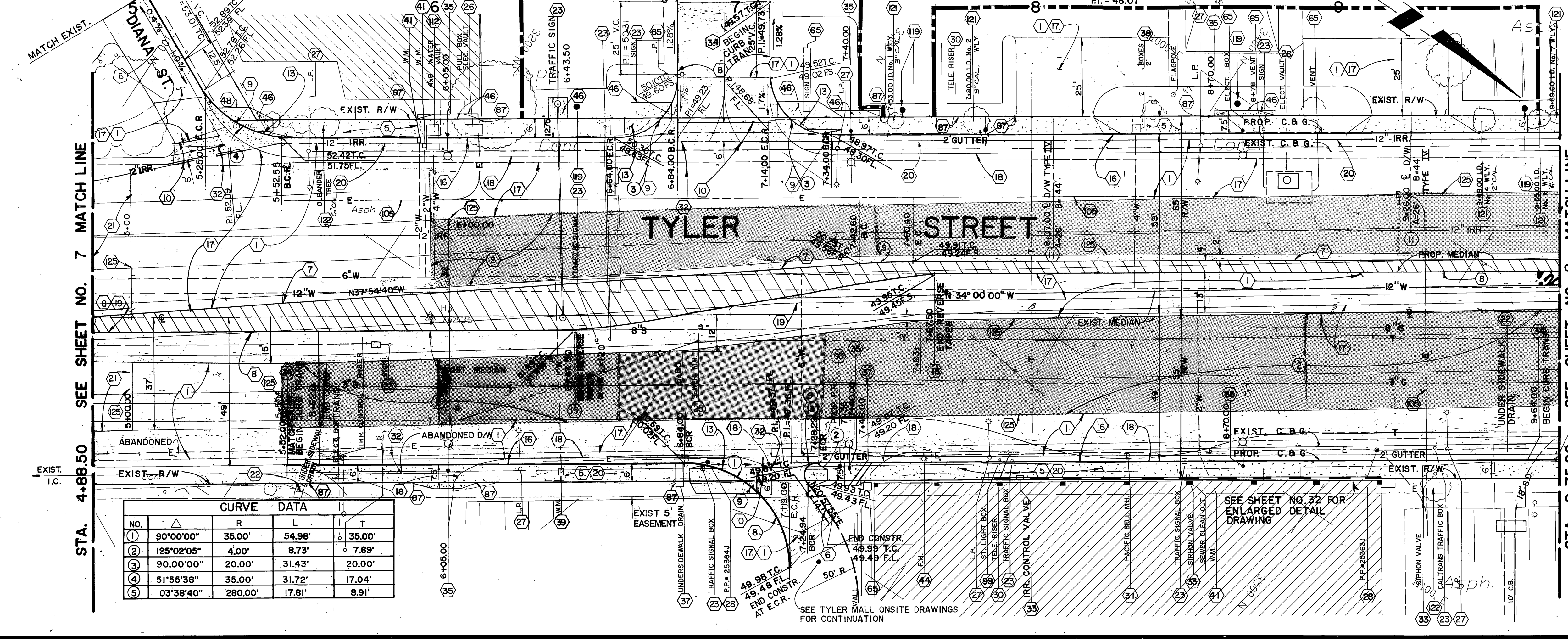
CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
APPROVED BY: [Signature] BY: [Signature] DATE: 12/20/90
PRINCIPAL ENGINEER
PARK DEPARTMENT
TRAFFIC DIVISION
CHIEF P.W. ENGR. DATE: 12/20/90

TYLER MALL EXPANSION
C.F.D. # 90-2 IMPROVEMENTS
STREET IMPROVEMENT PLAN
TYLER STREET
STA. 0+58.00 TO STA. 4+88.50
PROJECT NO. R-3194
SHEET 7 OF 35
FILE NO. 8911175
HORIZ. SCALE: 1" = 20' VERT. SCALE: 1" = 2'

INDEXED 1-15-92 GH



— 748 WLY T.C.
 — 748 WLY MED. T.C.
 — 748 E'LY MED. T.C.



CURVE DATA				
NO.	R	L	T	
①	90°00'00"	35.00'	54.98'	0° 35.00'
②	125°02'05"	4.00'	8.73'	7.69'
③	90.00'00"	20.00'	31.43'	20.00'
④	51°55'38"	35.00'	31.72'	17.04'
⑤	03°38'40"	280.00'	17.81'	8.91'

Underground Service Alert
 Call: TOLL FREE
1-800-492-4133
 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.

REGISTERED PROFESSIONAL ENGINEER
 No. 17550
 CIVIL
 STATE OF CALIFORNIA

PREPARED UNDER THE DIRECTION OF:
John W. Coffey
 REGISTERED CIVIL ENGINEER NO. 17550
 EXPIRATION DATE: 6-30-93 DATE: 7/31/90
 CITY OF RIVERSIDE WATER DEPT.
 REVIEWED BY: *A. J. Sped* DATE: 12/18/90

J.F. Davidson Associates, Inc.
 ENGINEERING PLANNING SURVEYING ARCHITECTURE LANDSCAPE ARCHITECTURE
 3880 Lemon Street Suite 300 P.O. Box 493 Colton, CA 92324
 11200 S. Mt. Vernon Ave., Suite "D" Colton, CA 92324 (714) 825-1082
 73080 El Paseo, Suite 106 Palm Desert, CA 92260 (919) 346-5891 FAX 919-340-0329

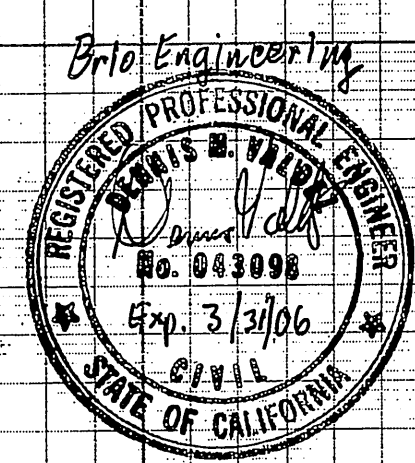
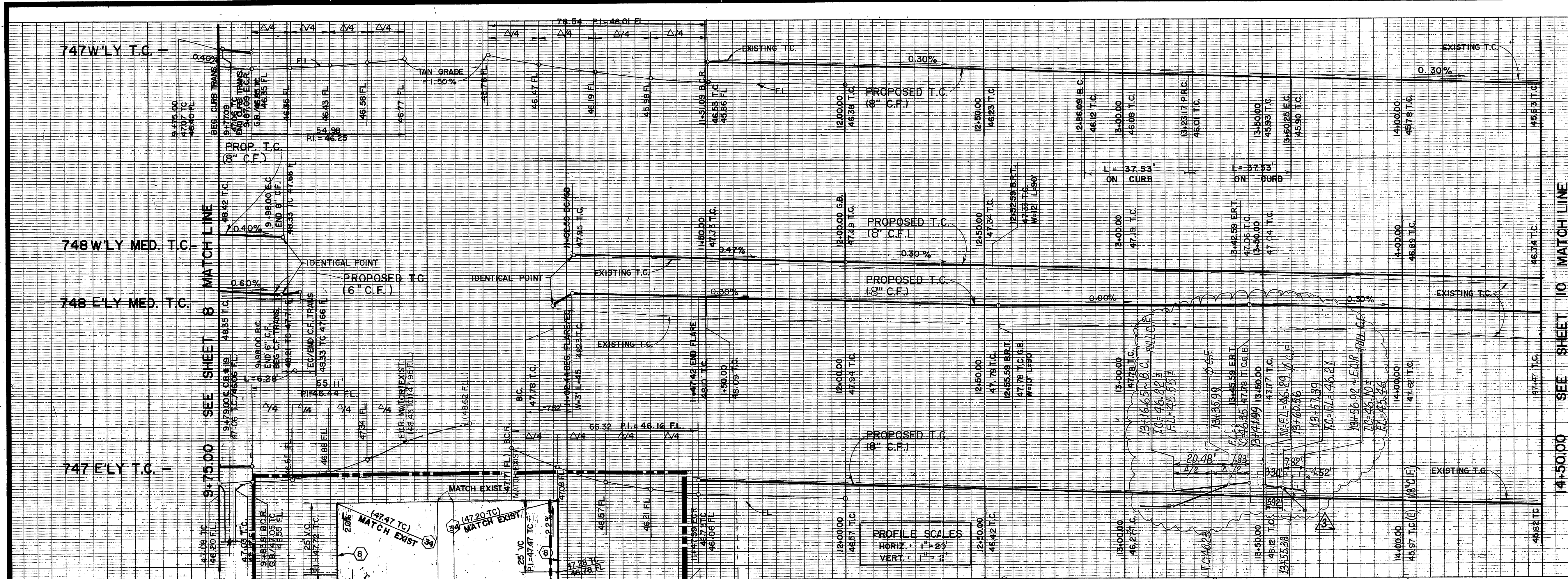
SCALE: 1" = 20'
 DATE: JULY 1990

MARK REVISIONS APPR. DATE
 DESIGNED BY **L.M.** DRAWN BY **ANS** CHECKED BY **J.D.S.**

CITY OF RIVERSIDE, CALIFORNIA
 DEPARTMENT OF PUBLIC WORKS
 APPROVED BY: *[Signature]* BY: *[Signature]* DATE: 12/20/90
 PRINCIPAL ENGINEER
 PARK DEPARTMENT
 TRAFFIC DIVISION
 CHIEF P.W. ENGR.

TYLER MALL EXPANSION
 CFD # 90-2 IMPROVEMENT
 STREET IMPROVEMENT PLAN
TYLER STREET
 STA. 4+88.50 TO STA. 9+75.00
 HORIZ. SCALE: 1" = 20' VERT. SCALE: 1" = 2'

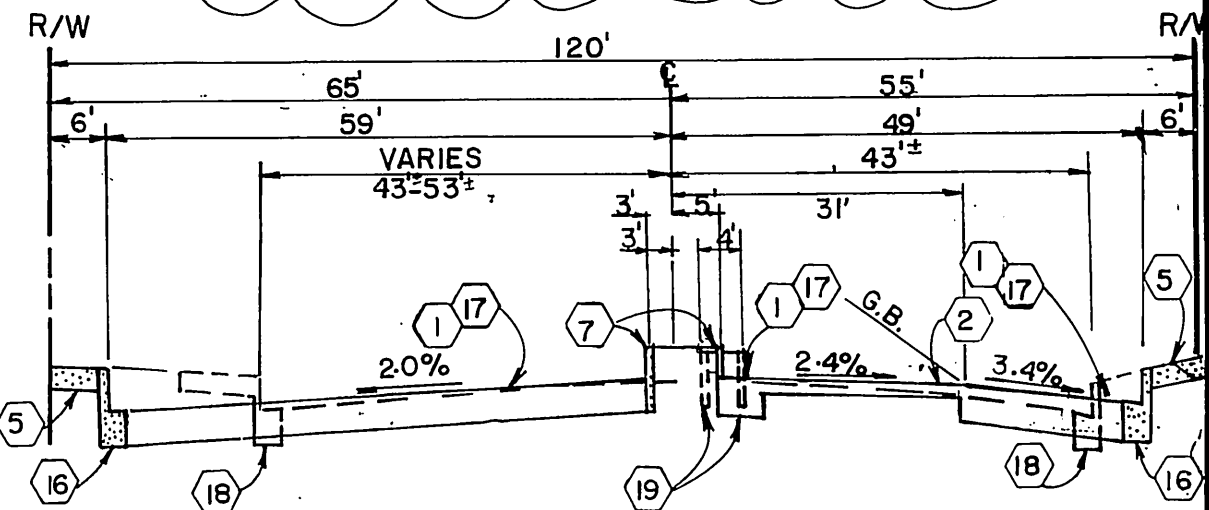
PROJECT NO. **R-3194**
 SHEET **8** OF **35**
 FILE NO.: 8911175



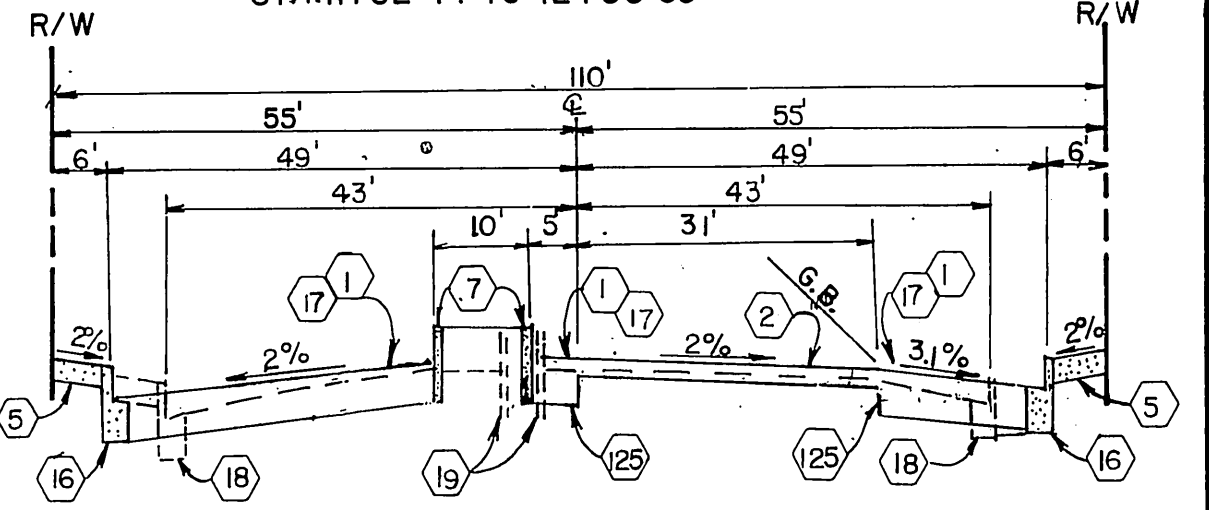
ALL WORK DESIGNATED ON REVISION 3 PREPARED UNDER THE DIRECTION OF DENNIS M. VALDEZ, R.C.E. No. 043098, EXP. 3-31, 2006; BRIO ENGINEERING ASSOCIATES, INC., 2858 STEVEN CREEK BOULEVARD, SUITE 208, SAN JOSE, CA 95128 ~ 408-241-5494

CITY OF RIVERSIDE BUSINESS TAX # 119329
EXPIRATION DATE: 2/23/06
PW 05-0473

CONSTRUCT	UNIT	QUANTITY
8" CONCRETE CURB & GUTTER (16)	L.F.	35
DRIVEWAY APPROACHES (2)	E.A.	1
CONCRETE SIDEWALK (5' WIDE) (4)	S.F.	50
REMOVE	UNIT	QUANTITY
8" CONCRETE CURB & GUTTER (8)	L.F.	40
CONCRETE SIDEWALK (2)	S.F.	40



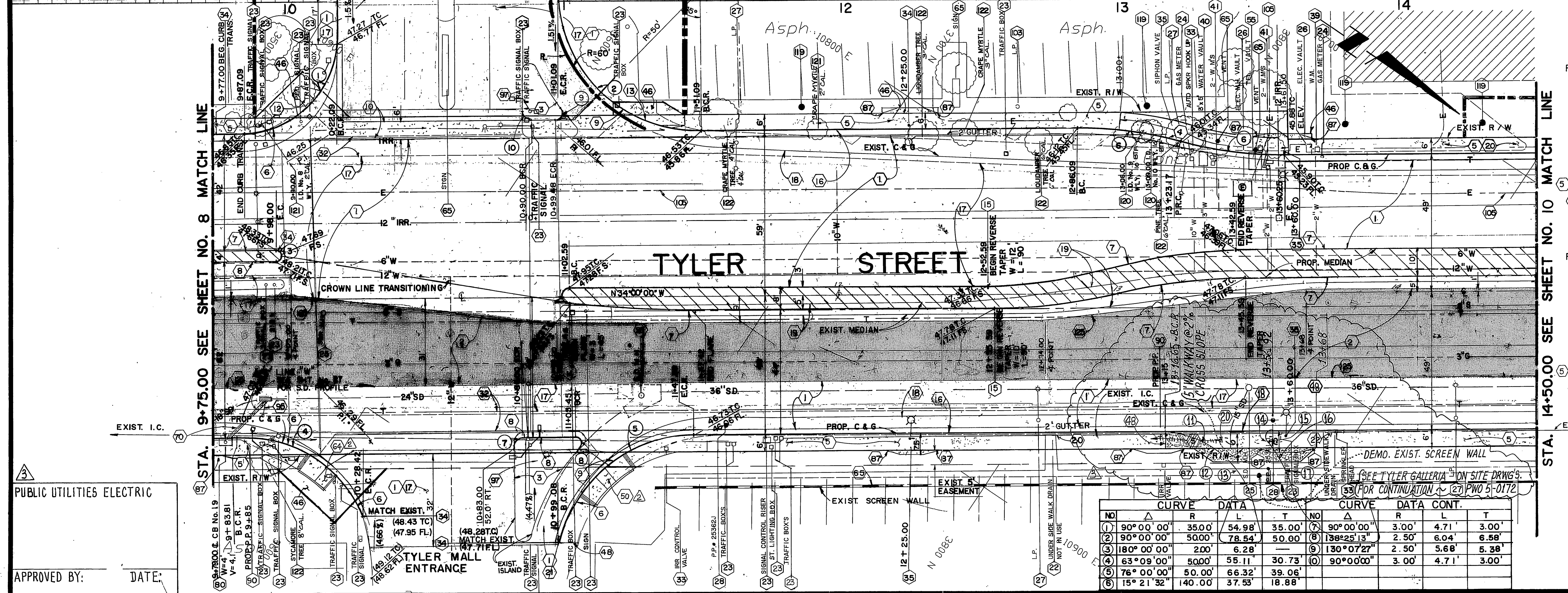
TYLER STREET
N.T.S.
STA. 11+02.44 TO 12+55.59



TYLER STREET
N.T.S.
STA. 13+60.25 TO 14+93.09

CURVE DATA CONTINUED				
No.	RAD.	Δ	LENGTH	
1	35'	33° 31' 31"	20.48'	
2	35'	12° 48' 45"	7.83'	
3	35'	20° 50' 05"	18.22'	
4	2'	129° 30' 50"	4.52'	
5	50'	3° 21' 63"	3.30'	
6	50'	6° 21' 15"	5.92'	
7	50'	13° 10' 11"	11.62'	

CURVE DATA				CURVE DATA CONT.			
NO.	Δ	R	LENGTH	NO.	Δ	R	LENGTH
1	90° 00' 00"	35.00	54.98'	7	90° 00' 00"	3.00'	4.71'
2	90° 00' 00"	50.00	78.54'	8	138° 25' 13"	2.50'	6.04'
3	180° 00' 00"	2.00	6.28'	9	130° 07' 27"	2.50'	5.68'
4	63° 09' 00"	50.00	55.11'	10	90° 00' 00"	3.00'	4.71'
5	76° 00' 00"	50.00	66.32'				
6	15° 21' 32"	140.00	37.53'				



Underground Service Alert
Call: TOLL FREE
1-800-422-4133
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 SURROUNDING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING 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
REGISTERED CIVIL ENGINEER NO. 17550
EXPIRATION DATE: 6-30-93 DATE: 2/21/90
CITY OF RIVERSIDE WATER DEPARTMENT
REVIEWED BY: A.J. Sogard DATE: 2/21/90

J.F. Davidson Associates, Inc.
ENGINEERING PLANNING SURVEYING ARCHITECTURE LANDSCAPE ARCHITECTURE
3880 Lemon Street, Suite 300 P.O. Box 483 Riverside, CA 92502 (714) 696-0844 FAX 714-698-0564
11200 S. Mt. Vernon Ave., Suite 107 Colton, CA 92324 (714) 825-1082
73-080 El Paseo, Suite 106 Palm Desert, CA 92260 (818) 346-5691 FAX 818-340-0529

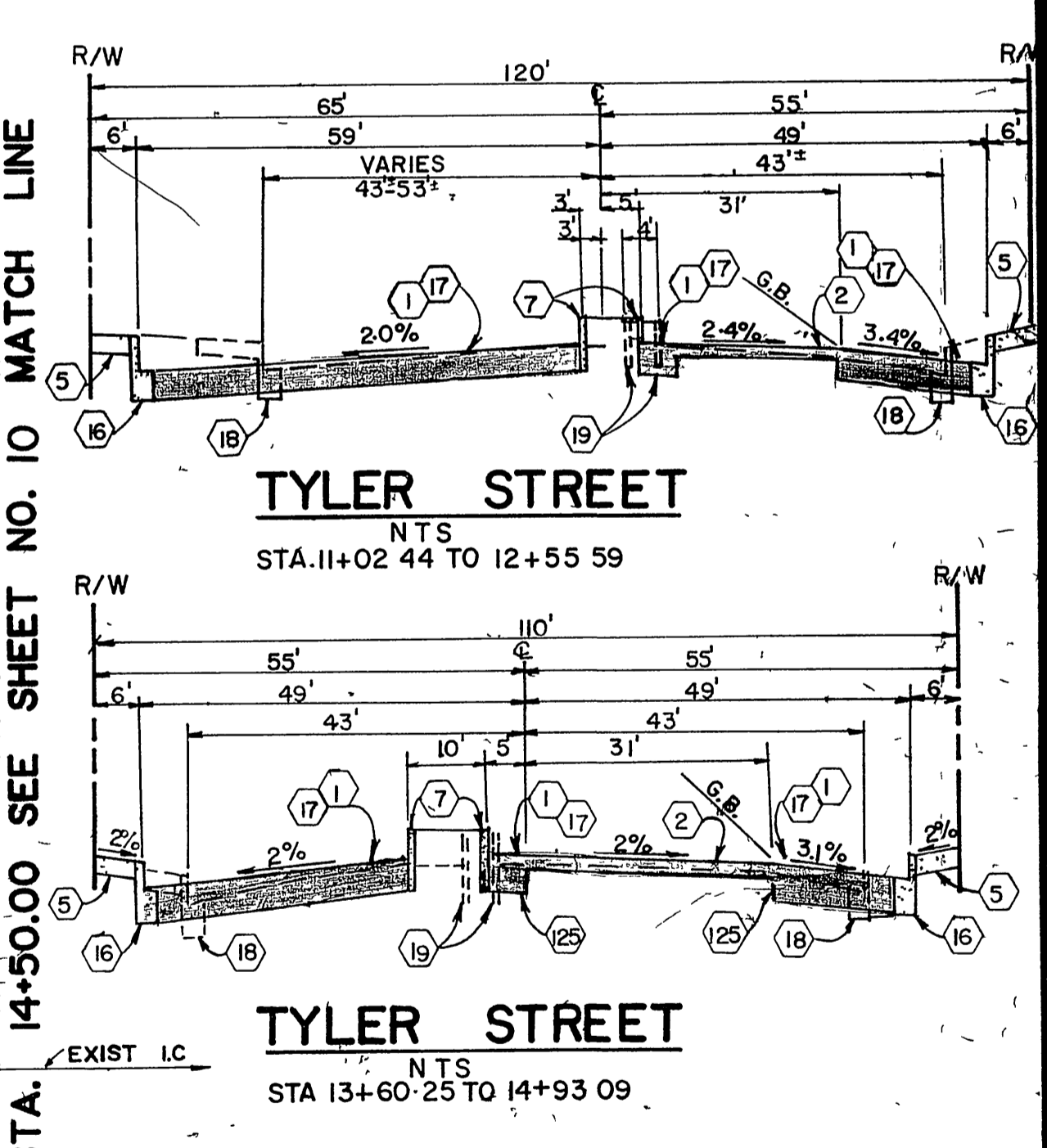
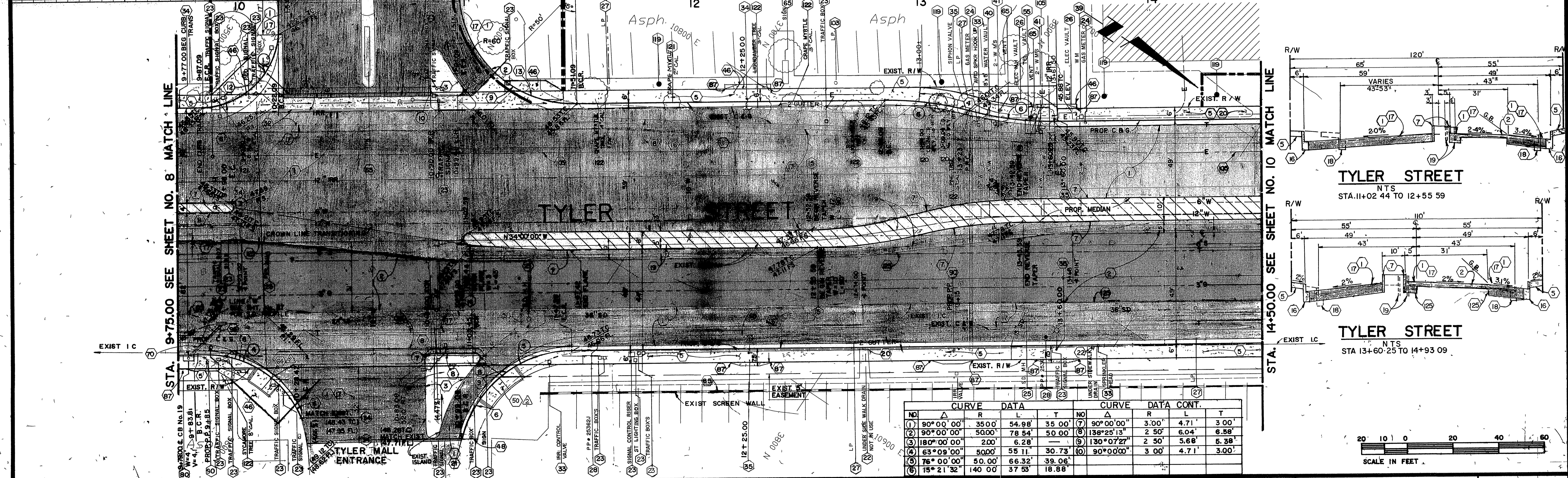
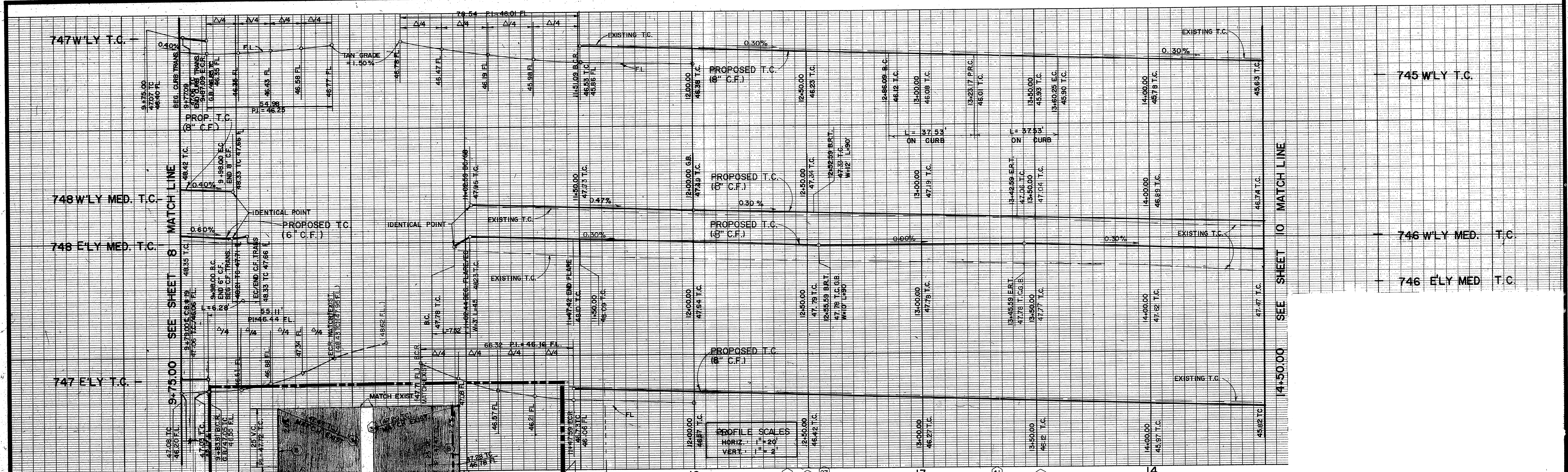
SCALE: 1" = 20'
DATE: JULY 1990
BENCH MARK: BRONZE DISK IN CONCRETE POST, STAMPED 601-26-68 AT THE BACK OF THE S.W. 65.5' S.E. OF THE C.L. OF MAGNOLIA AVE. 52.0' N.E. OF THE C.L. OF TYLER ST. ELEVATION = 742.243'

CONSTRUCT NEW ENTRANCE.
CHANGE OF H.C. RAMP PER OWNER'S REQUEST
REVISIONS
DESIGNED BY: L.M. DRAWN BY: POOL CHECKED BY: J.S.

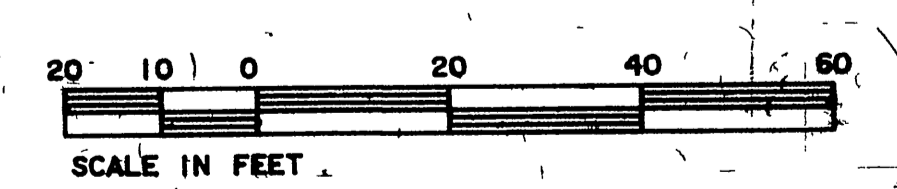
CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
APPROVED BY: [Signature] DATE: 12/20/90
PRINCIPAL ENGINEER
PARK DEPARTMENT
TRAFFIC DIVISION
CHIEF P.W. ENGR.: P.H.L. DATE: 12/20/90

TYLER MALL EXPANSION
C.F.D. # 90-2 IMPROVEMENTS
STREET IMPROVEMENT PLAN
TYLER STREET
STA. 9+75.00 TO STA. 14+50.00
PROJECT NO. **R-3194**
SHEET **9** OF **35**
FILE NO. **8911175**
HORIZ. SCALE: 1" = 20' VERT. SCALE: 1" = 2'

INDEXED 1-15-93



NO	CURVE DATA	CURVE DATA CONT.		
		R	L	T
1	90° 00' 00"	350.0'	54.98'	35.00'
2	90° 00' 00"	500.0'	78.54'	50.00'
3	180° 00' 00"	2.00'	6.28'	
4	63° 09' 00"	500.0'	55.11'	30.73'
5	76° 00' 00"	50.00'	66.32'	39.06'
6	15° 21' 32"	140.00'	37.88'	18.88'
7	90° 00' 00"	3.00'	4.71'	3.00'
8	138° 25' 13"	2.50'	6.04'	6.58'
9	130° 07' 27"	2.50'	5.68'	5.38'
10	90° 00' 00"	3.00'	4.71'	3.00'



Underground Service Alert

Call TOLL FREE
1-800-422-4133

TWO WORKING DAYS BEFORE YOU DIG

PRIVATE ENGINEERING NOTE

CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES CONSTRUCTION COMPANY 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 COMPANY FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD DESIGN PROFESSIONAL HARMLESS FROM AND AGAINST ALL LIABILITY, RISKS 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. Galt

REGISTERED CIVIL ENGINEER NO. 17560
EXPIRATION DATE 6-30-93 DATE 2/21/90

CITY OF RIVERSIDE WATER DEPARTMENT

REVIEWED BY *A.J. Spald* DATE 12/19/90

J.F. Davidson Associates, Inc.
ENGINEERING PLANNING SURVEYING ARCHITECTURE LANDSCAPE ARCHITECTURE

3880 Lamon Street, Suite 300 PO Box 493 Riverside, CA 92502 (714) 886-0848 FAX 714-998-5954

11200 S. Mt. Vernon Ave., Suite "D" Colton, CA 92324 (714) 825-1082 (619) 346-5691 FAX 619-340-0529

73 600 El Paseo, Suite 106 Palm Springs, CA 92264 (619) 346-5691 FAX 619-340-0529

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY *[Signature]* BY DATE 12/20/90

PRINCIPAL ENGINEER
PARK DEPARTMENT
TRAFFIC DIVISION
CHIEF P.W. ENGR

APPROVED BY *[Signature]* BY DATE 12/20/90

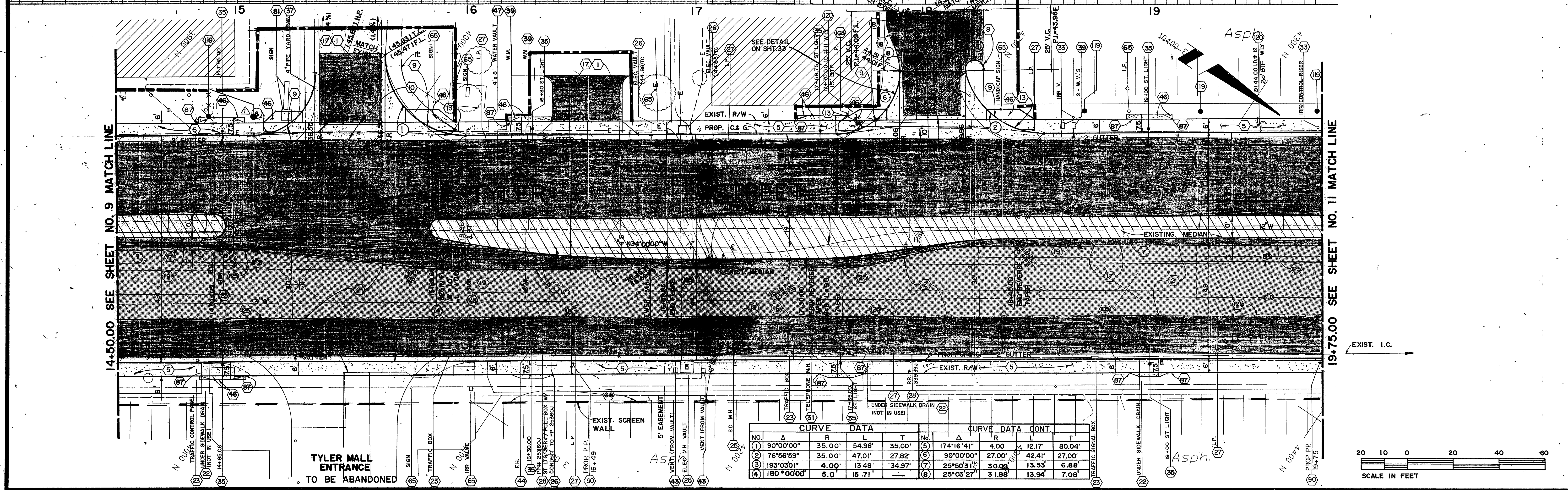
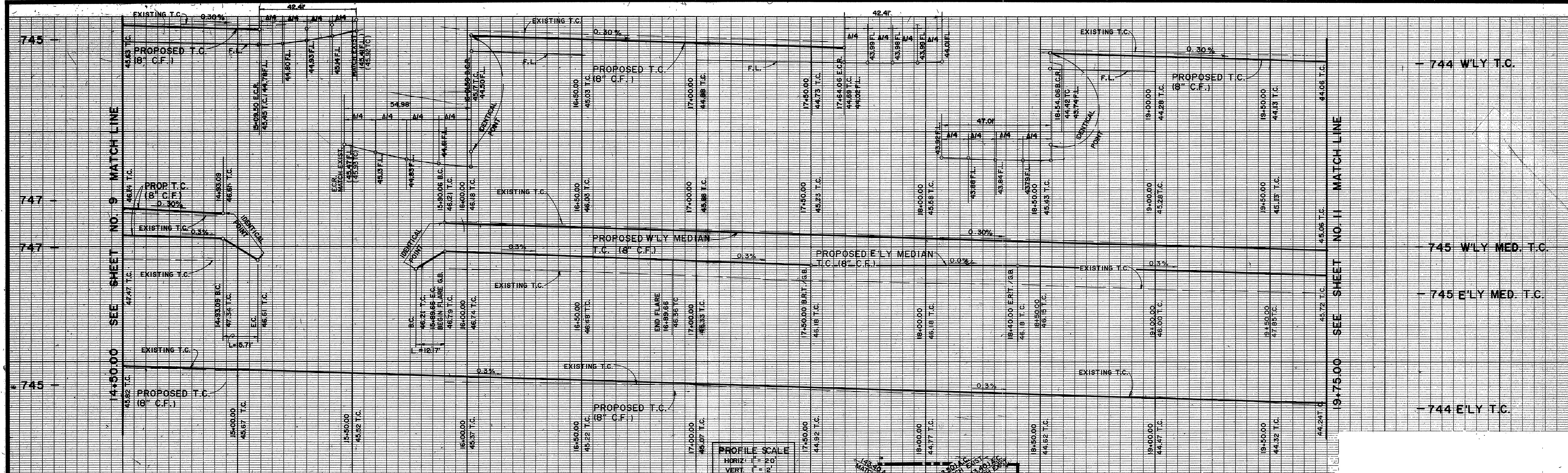
DIRECTOR OF PUBLIC WORKS

TYLER MALL EXPANSION
CFD # 90-2 IMPROVEMENTS
STREET IMPROVEMENT PLAN
TYLER STREET
STA. 9+75.00 TO STA. 14+50.00

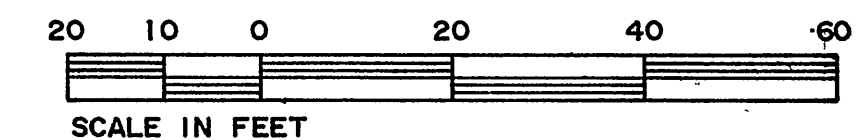
PROJECT NO. R-3194
SHEET 9 OF 35
FILE NO. 8911175

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

INDEXED 1-15-93



CURVE DATA				CURVE DATA CONT.					
NO.	Δ	R	L	T	NO.	Δ	R	L	T
1	90°00'00"	35.00'	54.98'	35.00'	5	174°16'41"	4.00'	12.17'	80.04'
2	76°56'59"	35.00'	47.01'	27.82'	6	90°00'00"	27.00'	42.41'	27.00'
3	193°03'01"	4.00'	13.48'	34.97'	7	25°50'31"	30.00'	13.55'	6.88'
4	180°00'00"	5.0'	15.71'		8	25°03'27"	31.88'	13.94'	7.08'



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PREPARED UNDER THE DIRECTION OF
John W. Coyle
 REGISTERED CIVIL ENGINEER NO. 17550
 EXPIRATION DATE 6-30-93 DATE 7/1/90
 CITY OF RIVERSIDE
 WATER DEPARTMENT
 REVIEWED BY: *A.J. Syed* DATE 12/19/90

J.F. Davidson Associates, Inc.
 ENGINEERING PLANNING SURVEYING ARCHITECTURE LANDSCAPE ARCHITECTURE
 3880 Lemon Street, Suite 300 P.O. Box 493 Colton, CA 92534
 11200 S. Mt. Vernon Ave., Suite "D" Palm Desert, CA 92260
 (919) 340-5951 (714) 826-1082
 (714) 886-0844 FAX 714-886-0844
 73 080 El Paseo, Suite 106 Palm Desert, CA 92260
 (919) 340-5951 FAX 919-340-0529

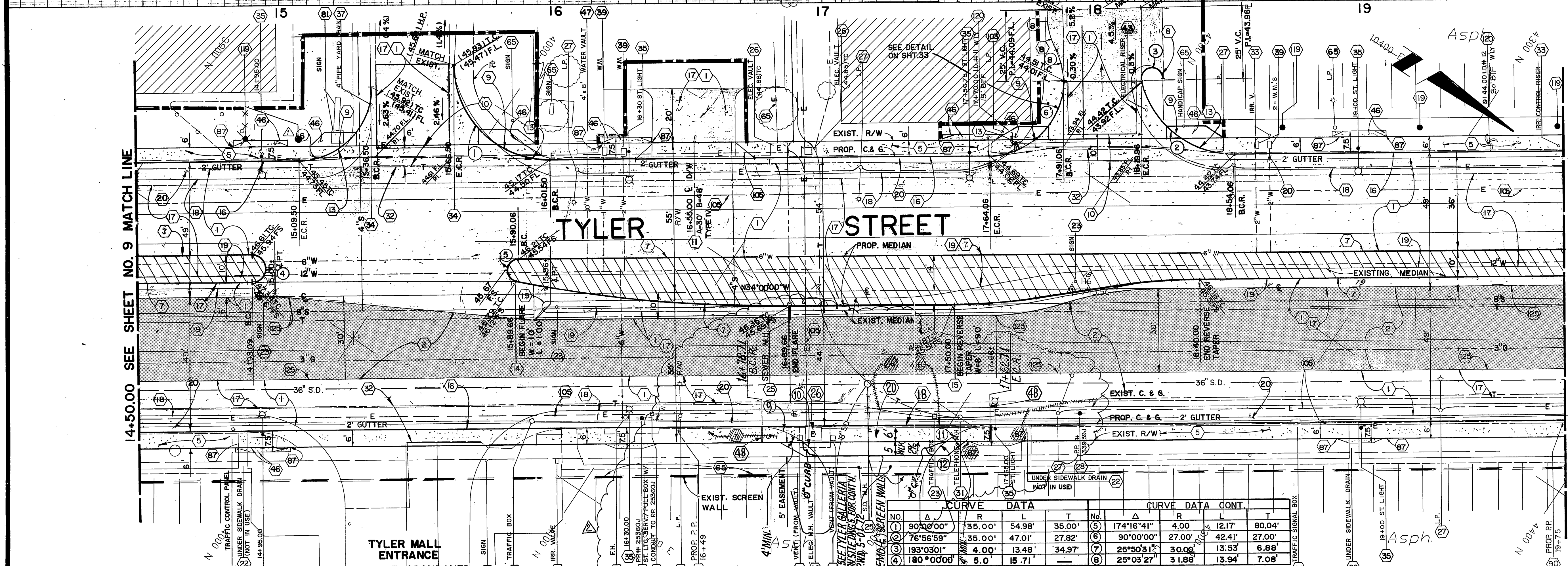
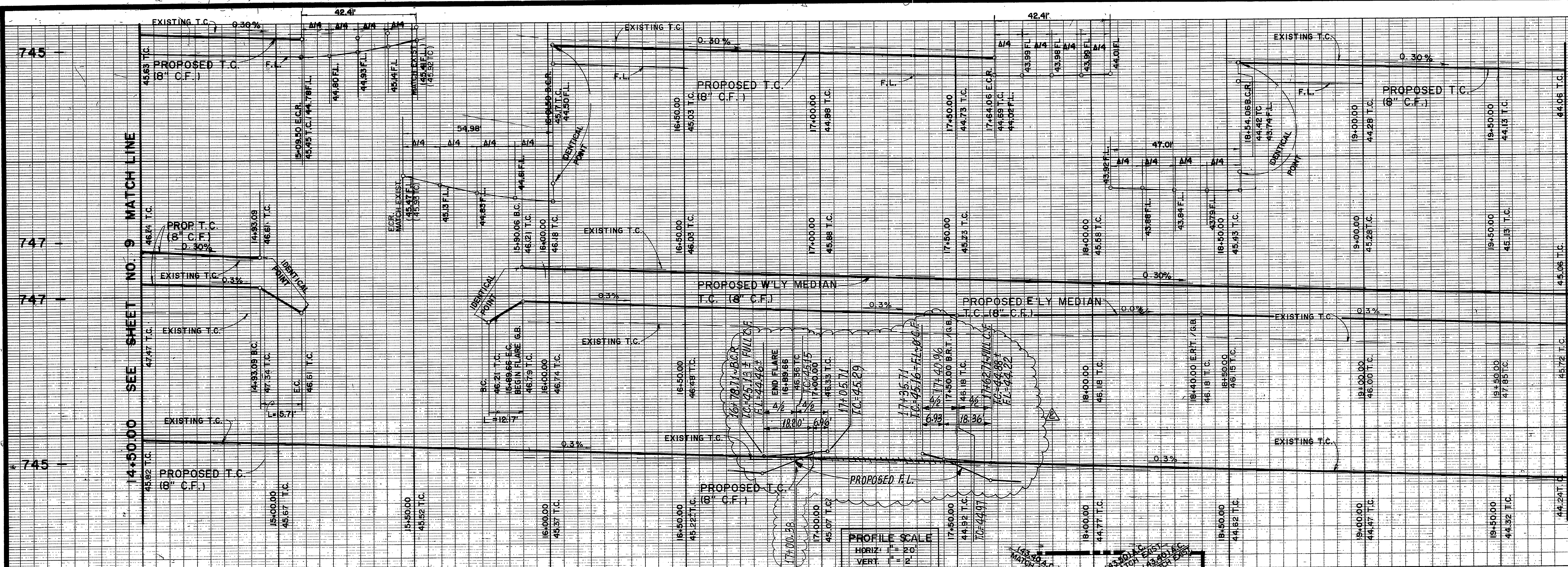
SCALE 1" = 20'
 DATE JULY 1990
 BENCH MARK BRONZE DISK IN CONCRETE POST, STAMPED 601-26-68 AT THE BACK OF THE S.W. 65.5' S.E. OF THE C.L. OF MAGNOLIA AVE. 52.0' N.E. OF THE C.L. OF TYLER ST. ELEVATION = 742.243'

RELOCATED PROPOSED TREE MARK
 DESIGNED BY L.M. DRAWN BY D.A.C. CHECKED BY J.S.

CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS
 APPROVED BY: *Ray Paul* DIRECTOR OF PUBLIC WORKS
 DATE 12/20/90

TYLER MALL EXPANSION C.F.D. # 90-2 IMPROVEMENTS STREET IMPROVEMENT PLAN TYLER STREET
 STA. 14+50.00 TO STA. 19+75.00
 PROJECT NO. **R-3194**
 SHEET **10** OF **35**
 FILE NO. 8911175
 HORIZ. SCALE 1" = 20' VERT. SCALE 1" = 2'

INDEXED 1-15-93 411

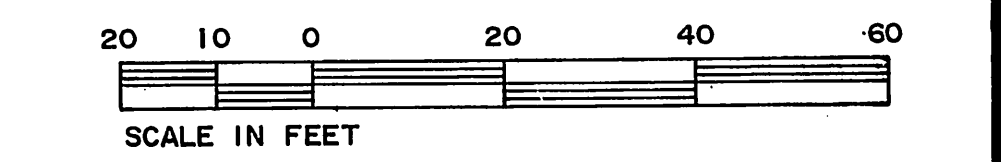


ALL WORK DESIGNATED ON REVISION 2 PREPARED UNDER THE DIRECTION OF DENNIS M. VALDEZ, R.C.E. No. 043098, Exp. 3/31/06. BRIO ENGINEERING ASSOCIATES, INC., 2858 STEVENS CREEK BOULEVARD SUITE 208, SAN JOSE, CA 95128, (408) 241-5494

CITY OF RIVERSIDE BUSINESS TAX# 119329
EXPIRATION DATE: 2/23/06
P.W. 05-0473

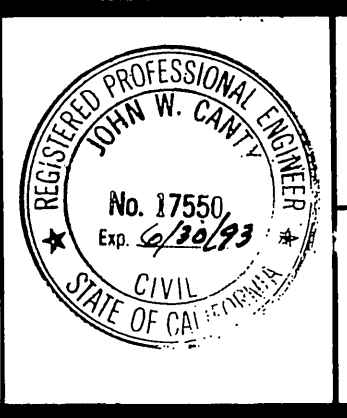
CONSTRUCT	UNIT	QUANTITY
8" CONCRETE CURB & GUTTER (16)	L.F.	40
DRIVEWAY APPROACHES (2)	E.A.	1
CONCRETE SIDEWALK ~ (5' WIDE) (4)	S.F.	95
REMOVE		
8" CONCRETE CURB & GUTTER (16)	L.F.	85
CONCRETE SIDEWALK (2)	S.F.	85

CURVE DATA CONTINUED			
No.	R.A.D.	Δ	LENGTH
1	27°	38° 37' 33"	18.20'
2	27°	14° 46' 06"	6.96'
3	27°	38° 57' 56"	18.36'
4	27°	14° 42' 48"	6.93'



Underground Service Alert
Call: TOLL FREE
1-800-422-4133
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.



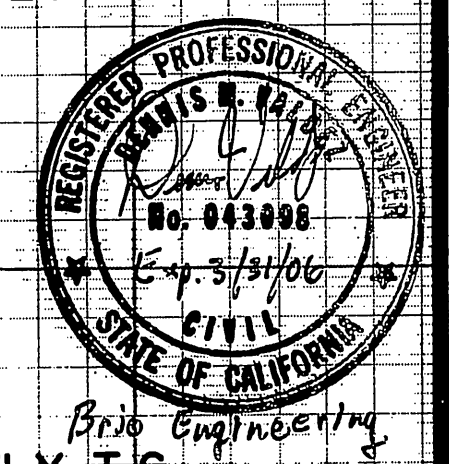
PREPARED UNDER THE DIRECTION OF:
Dennis M. Valdez
REGISTERED CIVIL ENGINEER No. 17550
EXPIRATION DATE: 6-30-93 DATE: 7/31/90
CITY OF RIVERSIDE
WATER DEPARTMENT
A.J. Snyed
REVIEWED BY: DATE: 12/19/90

J.F. Davidson Associates, Inc.
ENGINEERING PLANNING SURVEYING ARCHITECTURE LANDSCAPE ARCHITECTURE
3880 Lemon Street, Suite 300 P.O. Box 480
Riverside, CA 92502 (714) 958-0244 FAX 714-958-9554
11200 S. Mt. Vernon Ave., Suite "D" Palm Desert, CA 92260 (919) 345-5561 FAX 619-340-0529
SCALE: 1" = 20'
DATE: JULY 1990
BENCH MARK: BRONZE DISK IN CONCRETE POST, STAMPED 601-26-69 AT THE BACK OF THE S.W. 65.5' S.E. OF THE C.L. OF MAGNOLIA AVE. 52.0' N.E. OF THE C.L. OF TYLER ST. ELEVATION = 742.243'

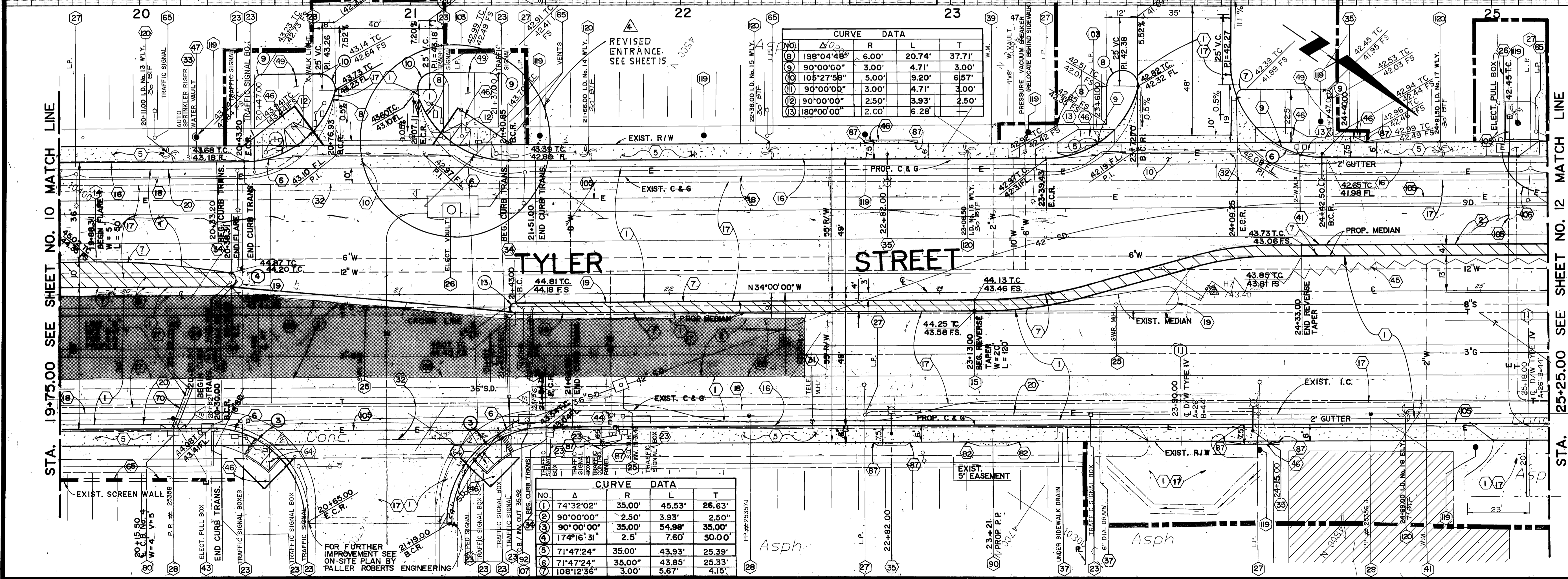
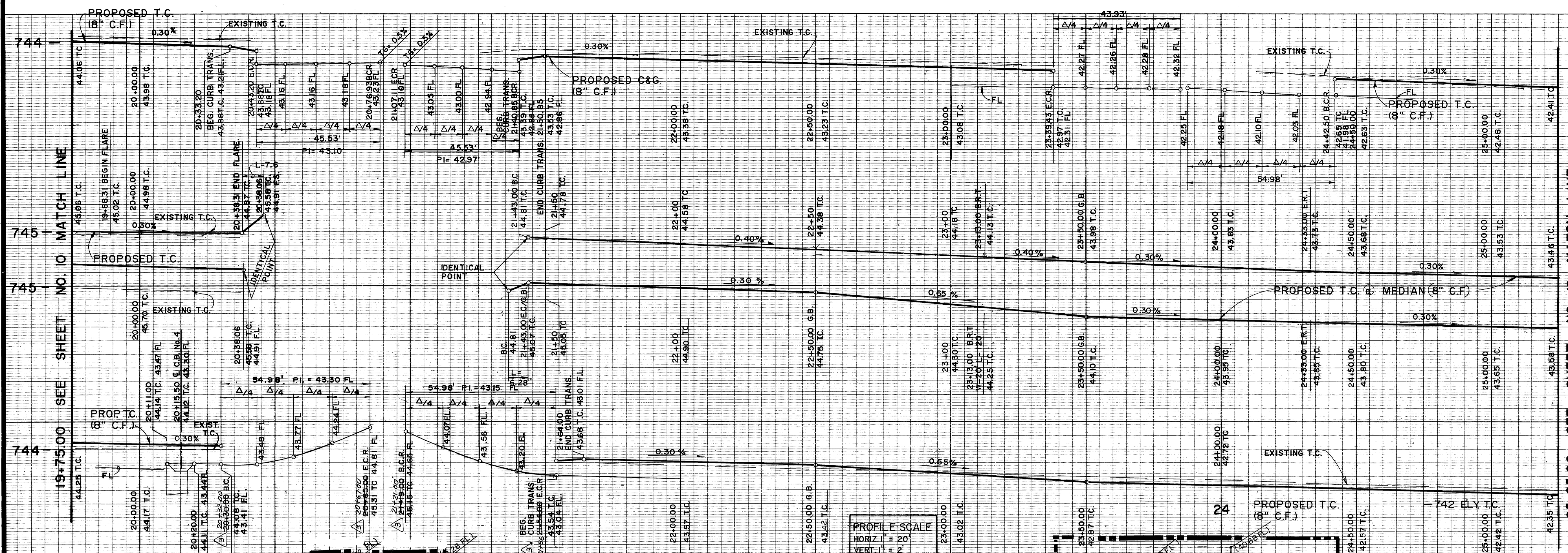
CONSTRUCT NEW ENTRANCE
RELOCATED PROPOSED TREE
REVISIONS
APPROVED: DATE: 12/29/95
DESIGNED BY: L.M. DRAWN BY: D.A.C. CHECKED BY: J.S.

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
APPROVED BY: DATE: 12/20/90
PRINCIPAL ENGINEER: PARK DEPARTMENT
TRAFFIC DIVISION: CHIEF P.E. IN CHARGE

TYLER MALL EXPANSION
C.F.D. # 90-2 IMPROVEMENTS
STREET IMPROVEMENT PLAN
TYLER STREET
STA. 14+50.00 TO STA. 19+75.00
HORIZ. SCALE: 1" = 20' VERT. SCALE: 1" = 2'
PROJECT NO. R-3194
SHEET 10 OF 35
FILE NO: 8911175



INDEXED 1-15-93 GH



742 WLY T.C. —
743 WLY T.C. —
743 ELY T.C. —
742 ELY T.C. —

19+75.00 SEE SHEET NO. 10 MATCH LINE
25+25.00 SEE SHEET NO. 12 MATCH LINE

APPROVED BY:
GRANT W. BECKLUND RCE 23737
7/29/00 RCE 23737
DATE EXP. 12-31-01

TRAFFIC DIVISION APPROVAL
11/13/00
DATE

ELECTRIC DEPT. APPROVAL
11/13/00
DATE

SCALE IN FEET
0 10 20 40 60

Underground Service Alert
Call: TOLL FREE
1-800-422-4133
TWO WORKING DAYS BEFORE YOU DIG

PRIVATE ENGINEERING NOTE
CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES...
No. 17550
STATE OF CALIFORNIA

PREPARED UNDER THE DIRECTION OF:
REGISTERED CIVIL ENGINEER No. 17550
EXPIRATION DATE: 6-30-90 DATE: 7/11/00
CITY OF RIVERSIDE WATER DEPT.
REVIEWED BY: A.J. Sygal DATE: 12/18/00

J.F. Davidson Associates, Inc.
ENGINEERING PLANNING SURVEYING ARCHITECTURE LANDSCAPE ARCHITECTURE
3880 Lemon Street, Suite 300 P.O. Box 493
11200 S. Mt. Vernon Ave., Suite "D" Colton, CA 92524
73-080 El Paseo, Suite 106 Palm Desert, CA 92260
714 866-0844 (714) 825-1082 (651) 346-5691 FAX 619-340-0529

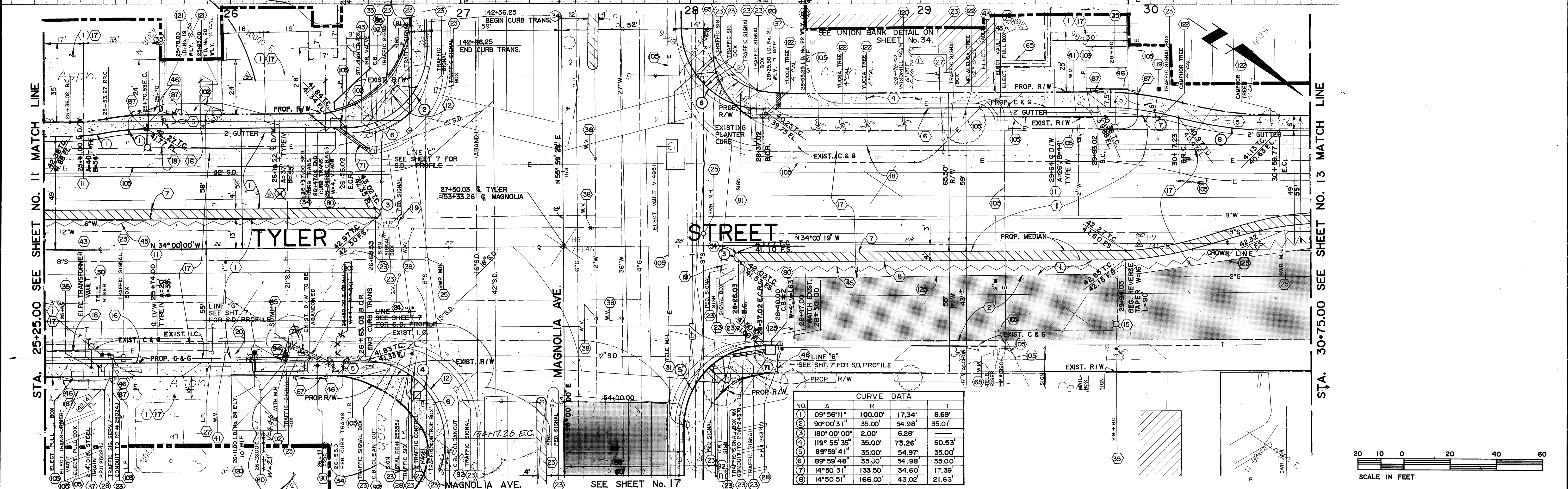
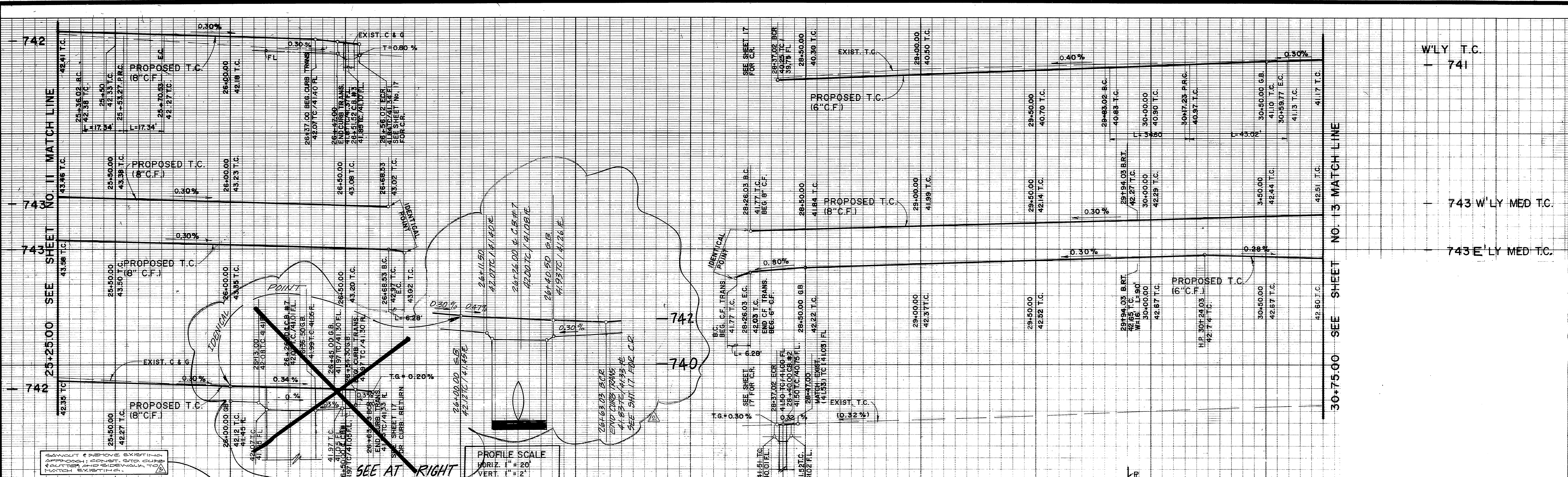
SCALE: 1" = 20'
DATE: JULY 1990
BENCH MARK: BRONZE DISK IN CONCRETE POST, STAMPED 601-26-68 AT THE BACK OF THE S.W. 65.5' S.E. OF THE CL. OF MAGNOLIA AVE. 52.0' N.E. OF THE CL. OF TYLER ST. ELEVATION = 742.243'

DESIGNED BY: L.M. DRAWN BY: D.A.C. CHECKED BY: J.S.
APPROVED BY: [Signature]
DATE: 12/20/00

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
APPROVED BY: [Signature]
DATE: 12/20/00

TYLER MALL EXPANSION
CFD # 90-2 IMPROVEMENTS
STREET IMPROVEMENT PLAN
TYLER STREET
STA. 19+75.00 TO STA. 25+25.00
PROJECT NO. R-3194
SHEET 11 OF 35
HORIZ. SCALE: 1" = 20' VERT. SCALE: 1" = 20' FILE NO.: 8911175

INDEXED 15-93 4H



Underground Service Alert
 Call: TOLL FREE 1-800-422-4133
 TWO WORKING DAYS BEFORE YOU DIG

PRIVATE ENGINEERING NOTE
 CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES...
 No. 17550
 State of California

PREPARED UNDER THE DIRECTION OF:
 REGISTERED CIVIL ENGINEER No. 17550
 EXPIRATION DATE: 6-30-93 DATE: 7/21/90
 CITY OF RIVERSIDE WATER DEPARTMENT
 REVIEWED BY: A. J. Syed 12/1/90

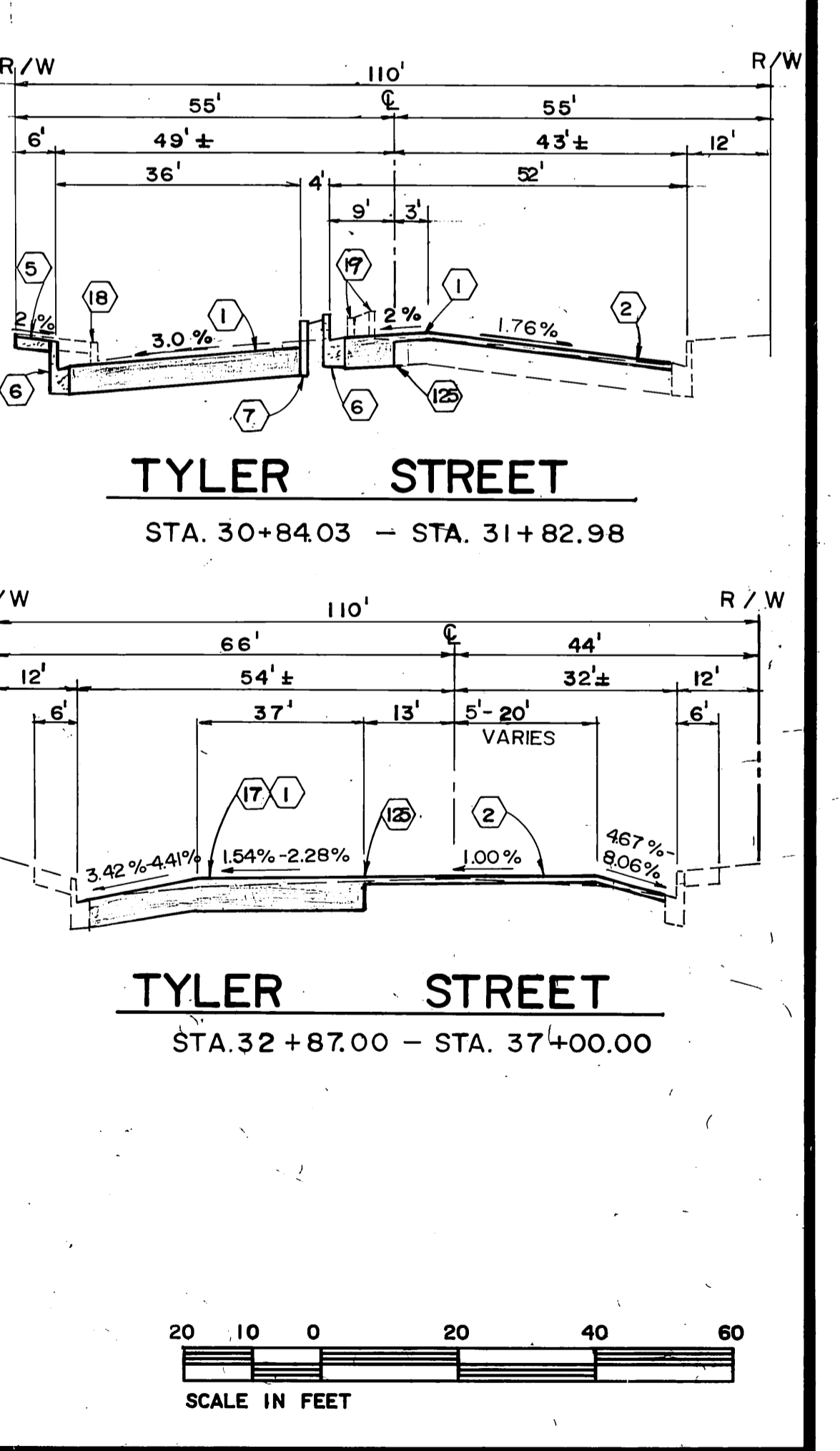
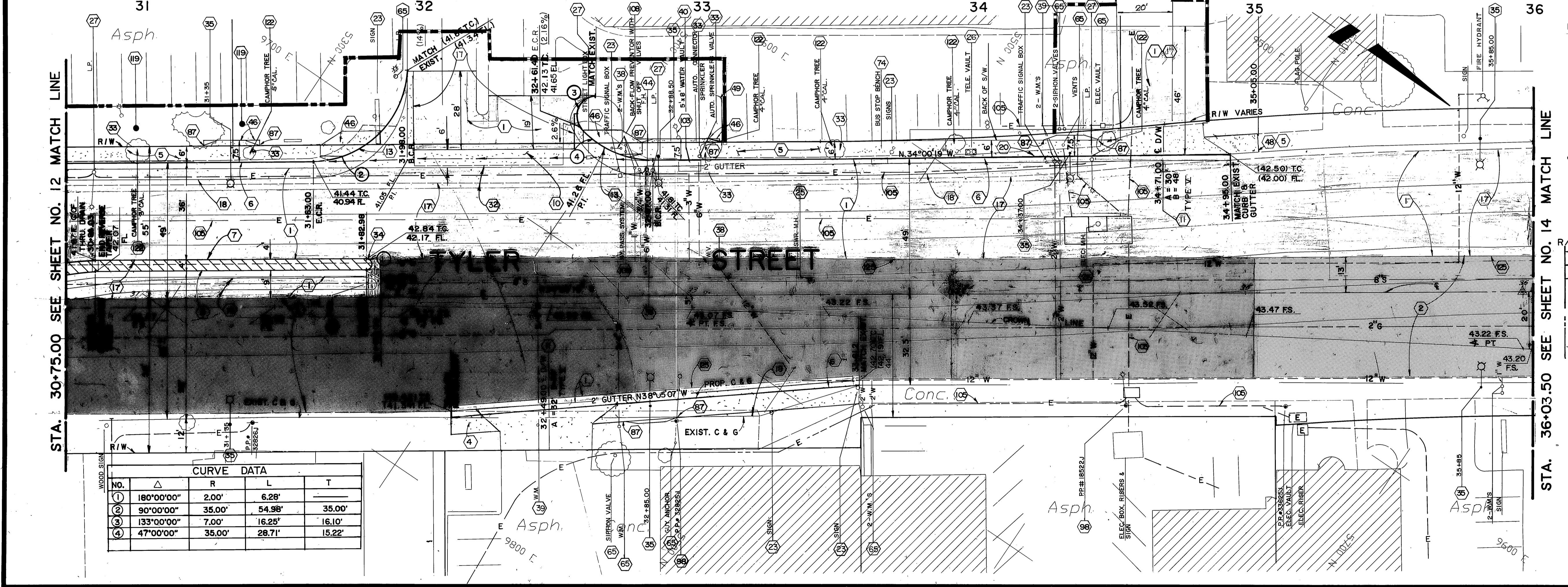
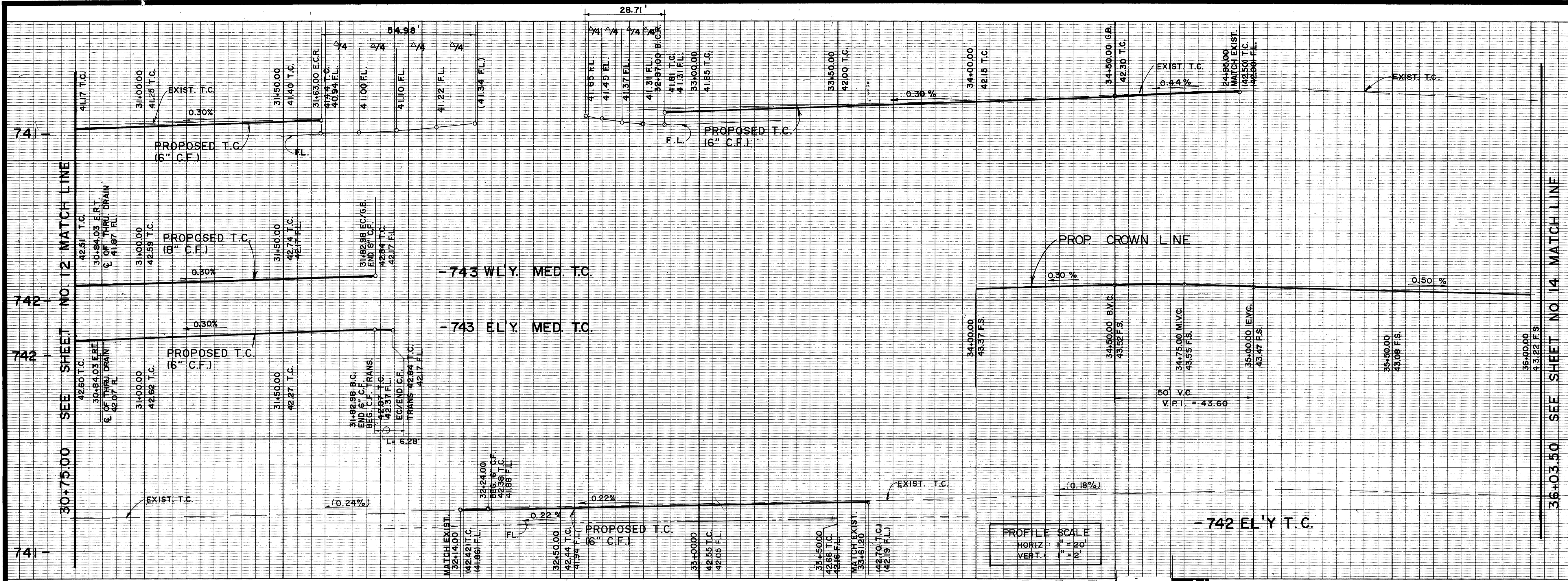
J.F. Davidson Associates, Inc.
 ENGINEERING PLANNING SURVEYING ARCHITECTURE LANDSCAPE ARCHITECTURE
 3880 Lemon Street, Suite 300 P.O. Box 493 Riverside, CA 92502
 11200 S. ML Vernon Ave., Suite "D" Colton, CA 92524
 73-080 El Paseo, Suite 106 Palm Desert, CA 92260
 714-688-0844 714-925-1082 619-345-5691
 FAX 714-686-5954 FAX 919-340-0529
 BENCH MARK: BRONZE DISK IN CONCRETE POST, STAMPED 601-26-68 AT THE BACK OF THE S.W. 65.5' S.E. OF THE C.L. OF MAGNOLIA AVE. 52.0' N.E. OF THE C.L. OF TYLER ST. ELEVATION = 742.243'

DESIGNED BY: D.K. DRAWN BY: D.A.C. CHECKED BY: J.S.
 DATE: JULY 1990
 REVISIONS: ADDED STATIONING & I.D. NO. TO PALM TREE...
 CLARIFIED CONST. NOTE

CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS
 APPROVED BY: [Signature] DATE: 12/20/90
 PRINCIPAL ENGINEER: [Signature] DATE: 12/20/90
 PARK DEPARTMENT: [Signature] DATE: 12/20/90
 TRAFFIC DIVISION: [Signature] DATE: 12/20/90
 CHIEF P.W. ENGR: [Signature] DATE: 12/20/90
 DIRECTOR OF PUBLIC WORKS: [Signature] DATE: 12/20/90

TYLER MALL EXPANSION C.F.D. # 90-2 IMPROVEMENTS STREET IMPROVEMENT PLAN TYLER STREET STA. 25+25.00 TO STA. 30+75.00
 PROJECT NO. R-3194
 SHEET 12 OF 35
 FILE NO. 8911175
 HORIZ. SCALE: 1" = 20' VERT. SCALE: 1" = 2'

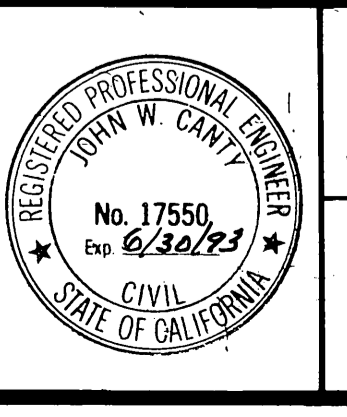
INDEXED 1-18-93 LHL



CURVE DATA				
NO.	Δ	R	L	T
①	180°00'00"	2.00'	6.28'	35.00'
②	90°00'00"	35.00'	54.98'	35.00'
③	133°00'00"	7.00'	16.25'	16.10'
④	47°00'00"	35.00'	28.71'	15.22'

Underground Service Alert
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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. Carthy
REGISTERED CIVIL ENGINEER No. 17550
EXPIRATION DATE: 6-30-93 DATE: 7/20/90
CITY OF RIVERSIDE
WATER DEPARTMENT
REVIEWED BY: *A.J. Syed* DATE: 12/18/90

J.F. Davidson Associates, Inc.
ENGINEERING PLANNING SURVEYING ARCHITECTURE LANDSCAPE ARCHITECTURE
3880 Lemon Street, Suite 300 P.O. Box 493 Riverside, CA 92502 (714) 886-0844 FAX 714-886-9554
11200 S. Mt. Vernon Ave., Suite 107 Colton, CA 92324 (714) 825-1082 (619) 348-5691 FAX 619-340-0529
BENCH MARK: BRONZE DISK IN CONCRETE POST, STAMPED 601-26-68 AT THE BACK OF THE S.W. CORNER S.E. OF THE C.L. OF MAGNOLIA AVE. 92.0' N.E. OF THE C.L. OF TYLER ST. ELEVATION = 742.243'

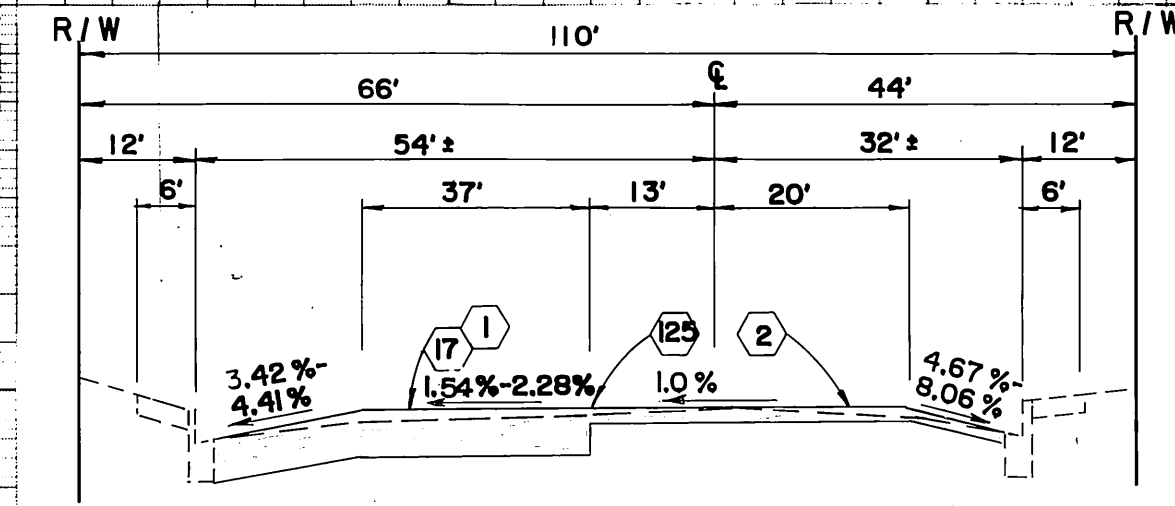
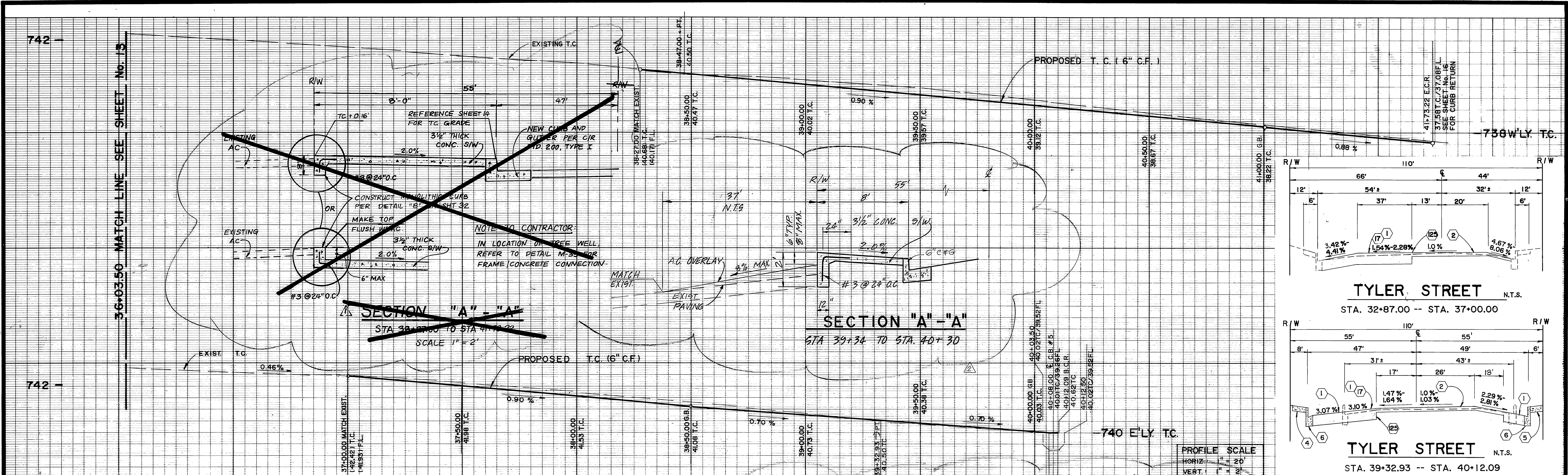
MARK	REVISIONS	APPR.	DATE

DESIGNED BY: **L.M.** DRAWN BY: **POOL** CHECKED BY: **J.S.**

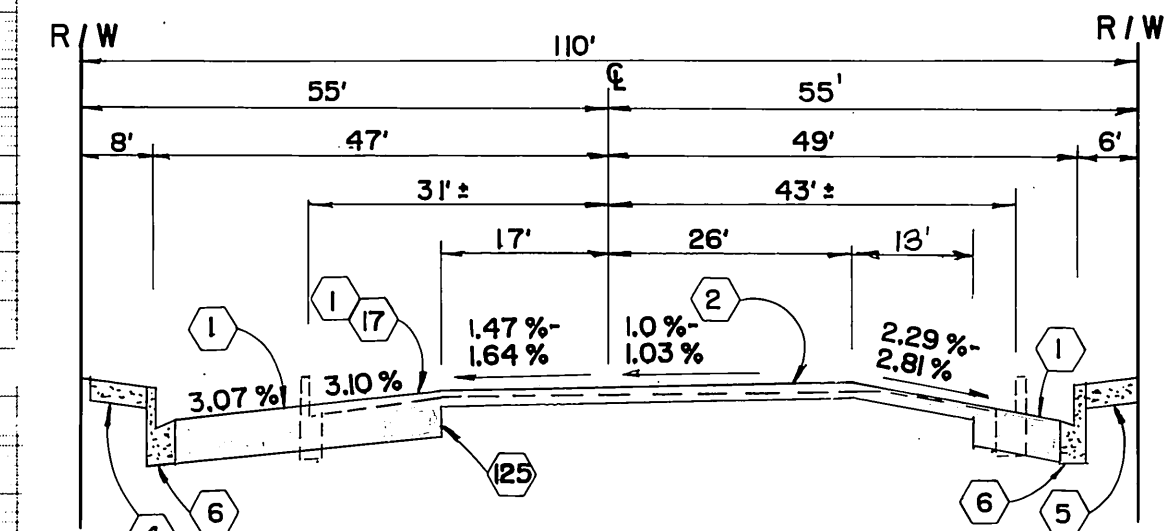
CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
APPROVED BY: *[Signature]* BY: *[Signature]* DATE: 12/20/90
PRINCIPAL ENGINEER
TRAFFIC DIVISION
CHIEF P.W. ENGR. *[Signature]*

TYLER MALL EXPANSION
C.F.D. # 90-21 IMPROVEMENTS
STREET IMPROVEMENT PLAN
TYLER STREET
STA. 30+75.00 TO STA. 36+04.50
PROJECT NO. **R-3194**
SHEET **13** OF **35**
FILE NO. **8911175**
HORIZ. SCALE: 1" = 20' VERT. SCALE: 1" = 2'

INDEXED 1-15-93 LHM

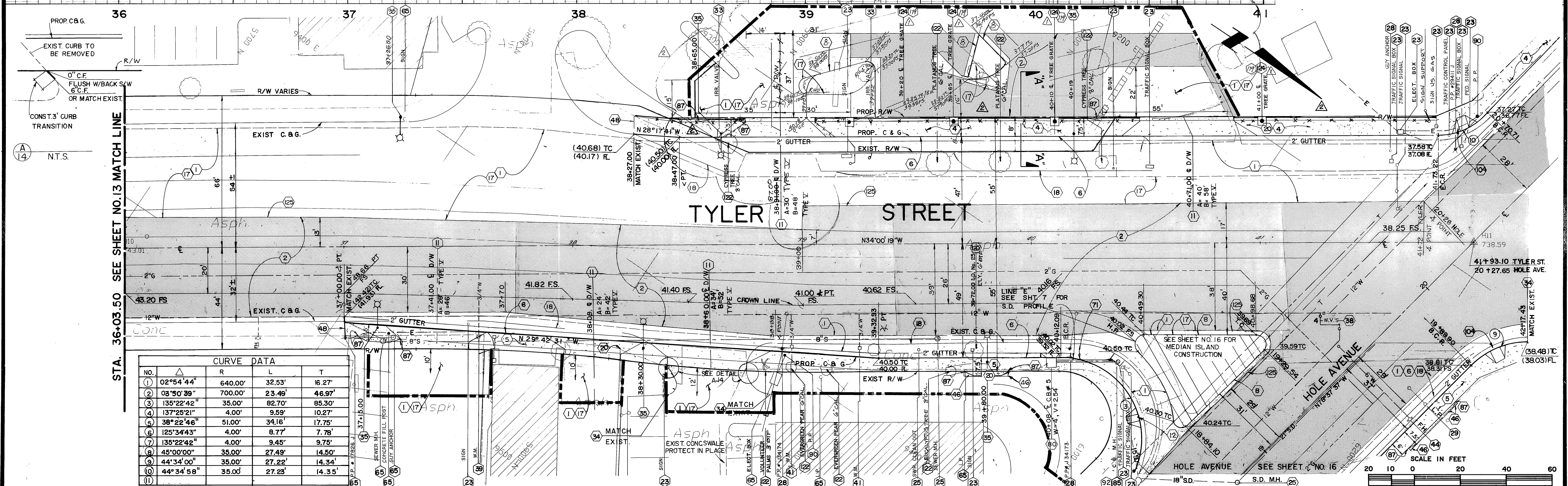


TYLER STREET N.T.S.
STA. 32+87.00 -- STA. 37+00.00



TYLER STREET N.T.S.
STA. 39+32.93 -- STA. 40+12.09

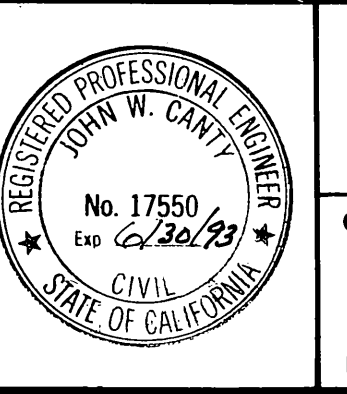
PROFILE SCALE
HORIZ. 1" = 20'
VERT. 1" = 2'



CURVE DATA			
NO.	ANGLE	R	T
1	02°54'44"	640.00'	16.27'
2	03°50'39"	700.00'	23.49'
3	135°22'42"	35.00'	82.70'
4	137°25'21"	4.00'	10.27'
5	38°22'46"	51.00'	34.16'
6	125°34'43"	4.00'	8.77'
7	135°22'42"	4.00'	9.45'
8	45°00'00"	35.00'	27.49'
9	44°34'00"	35.00'	27.22'
10	44°34'58"	35.00'	27.23'

Underground Service Alert
Call: TOLL FREE
1-800-422-4133
TWO WORKING DAYS BEFORE YOU DIG

PRIVATE ENGINEERING NOTE
CONSTRUCTION CONTRACTOR AGREES THAT IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT...
A.J. Sped
REVIEWED BY: DATE: 12/19/90



PREPARED UNDER THE DIRECTION OF
J.F. Davidson
REGISTERED CIVIL ENGINEER NO. 17550
EXPIRATION DATE: 6-30-93 DATE: 7/19/90
CITY OF RIVERSIDE
WATER DEPARTMENT

J.F. Davidson Associates, Inc.
ENGINEERING PLANNING SURVEYING ARCHITECTURE LANDSCAPE ARCHITECTURE
3880 Lemon Street, Suite 300 11200 S. Mt. Vernon Ave., Suite "D" 73080 El Paseo, Suite 106
P.O. Box 483 Colton, CA 92324 Palm Desert, CA 92260
Riverside, CA 92502 (714) 825-1082 (919) 348-9591
CIVIL 6714 686-0844 FAX 714-686-5554 FAX 919-340-0529

SCALE: 1" = 20'
DATE: JULY 1990

BENCH MARK:
BRONZE DISK IN CONCRETE POST, STAMPED 601-26-68
AT THE BACK OF THE S.W. CORNER OF THE CL. OF MAGNOLIA
AVE. 52.0' N.E. OF THE CL. OF TYLER ST. ELEVATION = 742.243'

DESIGNED BY L.M. DRAWN BY D.A.C. CHECKED BY J.S. 12/17/90

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

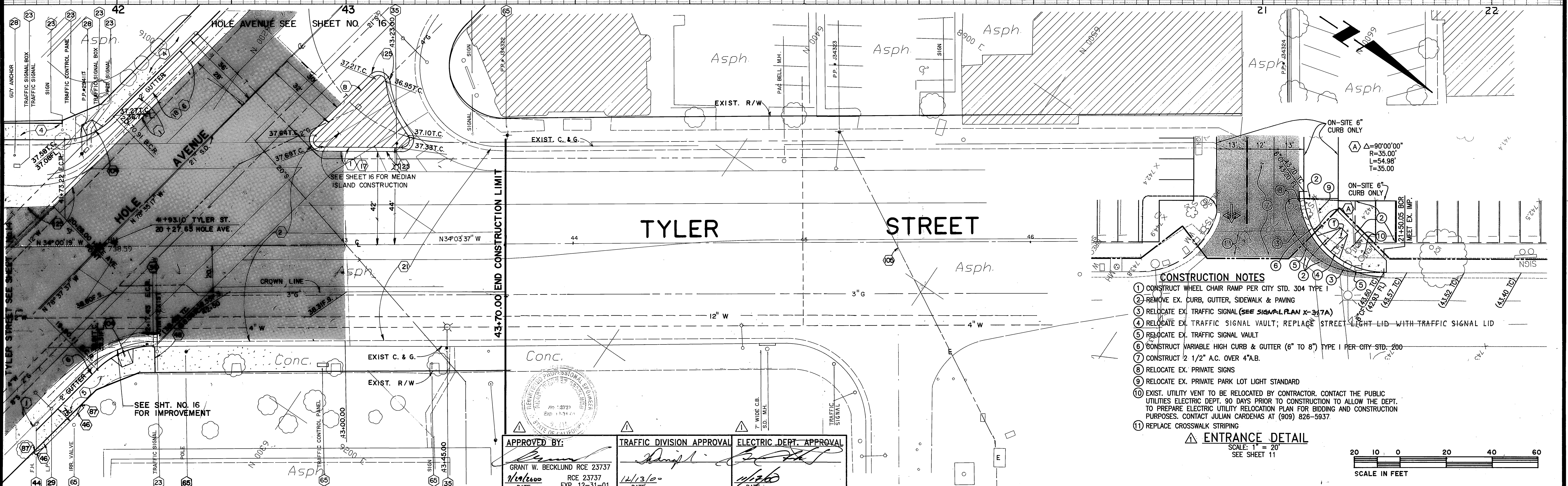
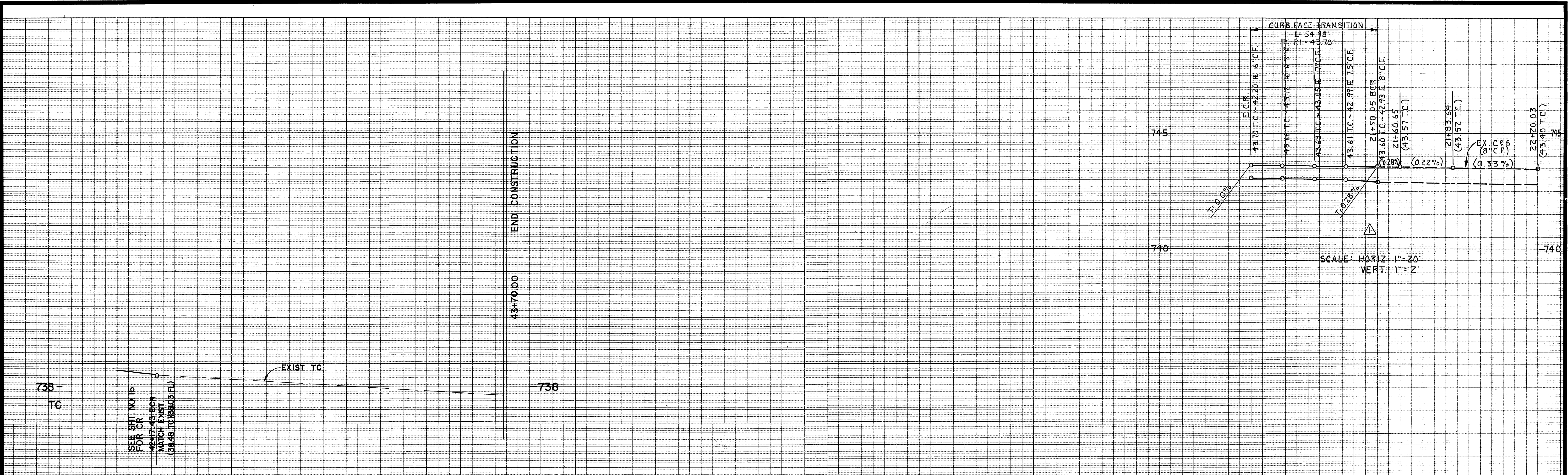
APPROVED BY: [Signature]
PRINCIPAL ENGINEER
PARK DEPARTMENT
TRAFFIC DIVISION
DATE: 12/20/90

TYLER MALL EXPANSION
CFD # 90-2 IMPROVEMENTS
STREET IMPROVEMENT PLAN
TYLER STREET
STA. 36+04.50 TO HOLE AVE.

PROJECT NO. R-3194
SHEET 14 OF 35
FILE NO. 8911175

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

INDEXED 1-15-93 L.H.



Underground Service Alert
 Call: TOLL FREE
1-800-422-4133
 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. EXCEPT LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF DESIGN PROFESSIONAL.

PREPARED UNDER THE DIRECTION OF
John W. Becklund
 REGISTERED CIVIL ENGINEER No. 17550
 EXPIRATION DATE: 6-30-93 DATE: 12/10/90
 CITY OF RIVERSIDE WATER DEPT.
 REVIEWED BY: **A.J. Syed** DATE: 12/10/90

IFD J.F. Davidson Associates, Inc.
 ENGINEERING PLANNING SURVEYING ARCHITECTURE LANDSCAPE ARCHITECTURE
 3880 Lemon Street, Suite 300 11200 S. Mt. Vernon Ave., Suite 107 73080 El Paseo, Suite 106
 P.O. Box 493 Colton, CA 92324 Palm Desert, CA 92260
 Riverside, CA 92502 (714) 686-0844 (714) 825-1082 (619) 346-6691
 (714) 686-0844 FAX 714-686-5954 FAX 619-346-0929

SCALE: 1" = 20'
 DATE: JULY 1990
 BENCH MARK: BRONZE DISK IN CONCRETE POST, STAMPED 601-26-68 AT THE BACK OF THE S.W. 65.5' S.E. OF THE C.L. OF MAGNOLIA AVE. 52.0' N.E. OF THE C.L. OF TYLER ST. ELEVATION = 742.243'

APPROVED BY: **Grant W. Becklund** RCE 23737
 DATE: 12/13/90

TRAFFIC DIVISION APPROVAL: **Joseph** DATE: 12/13/90

ELECTRIC DEPT. APPROVAL: **12/16/90** DATE: 12/16/90

CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS

APPROVED BY: **Byron** DATE: 12/20/90
 DIRECTOR OF PUBLIC WORKS

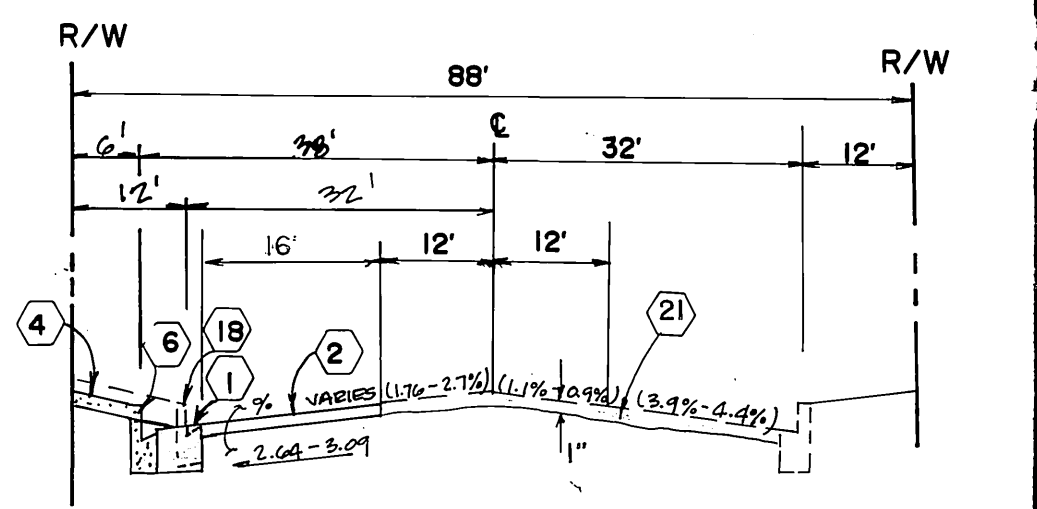
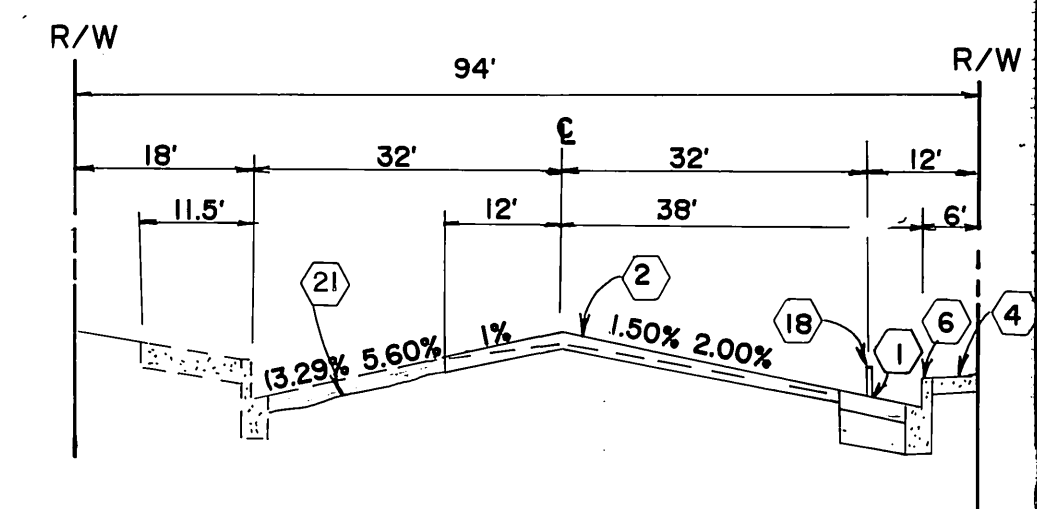
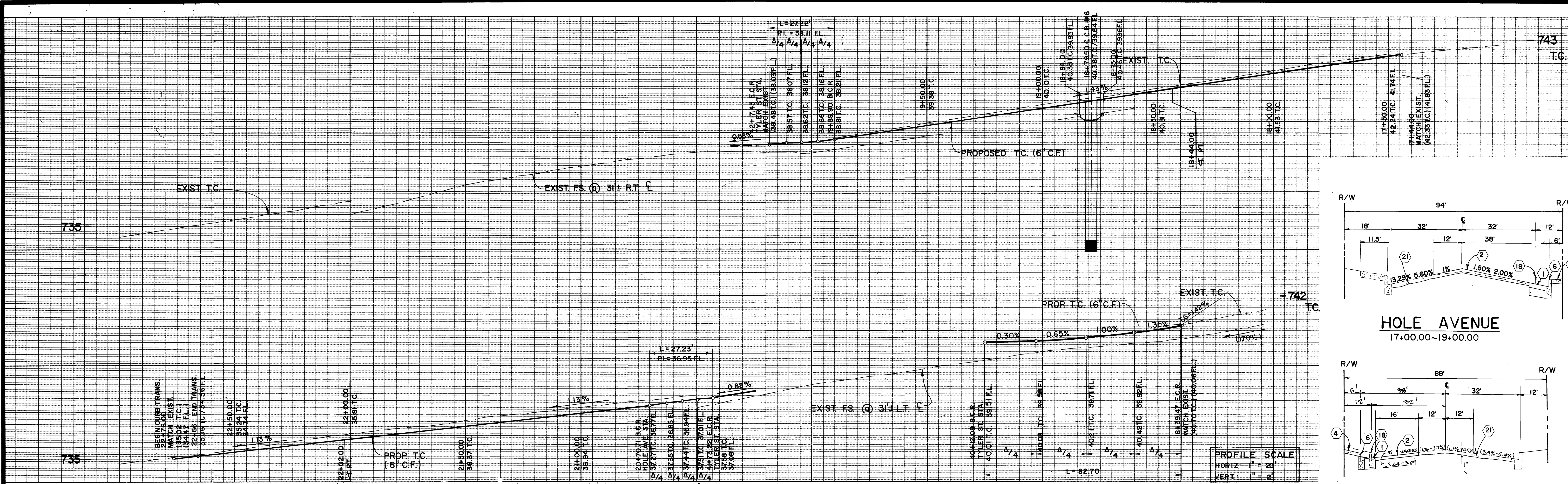
PRINCIPAL ENGINEER: **JK** DATE: 12/18/90
 PARK DEPARTMENT: **ES** DATE: 12/18/90
 TRAFFIC DIVISION: **AM** DATE: 12/18/90
 CHIEF P.W. ENGR. DATE: 12/18/90

TYLER MALL EXPANSION C F D 90-2 IMPROVEMENT STREET IMPROVEMENT PLAN TYLER STREET HOLE AVE. TO STA. 43+70.00

PROJECT NO. **R-3194**
 SHEET **15** OF **35**
 FILE NO. _____

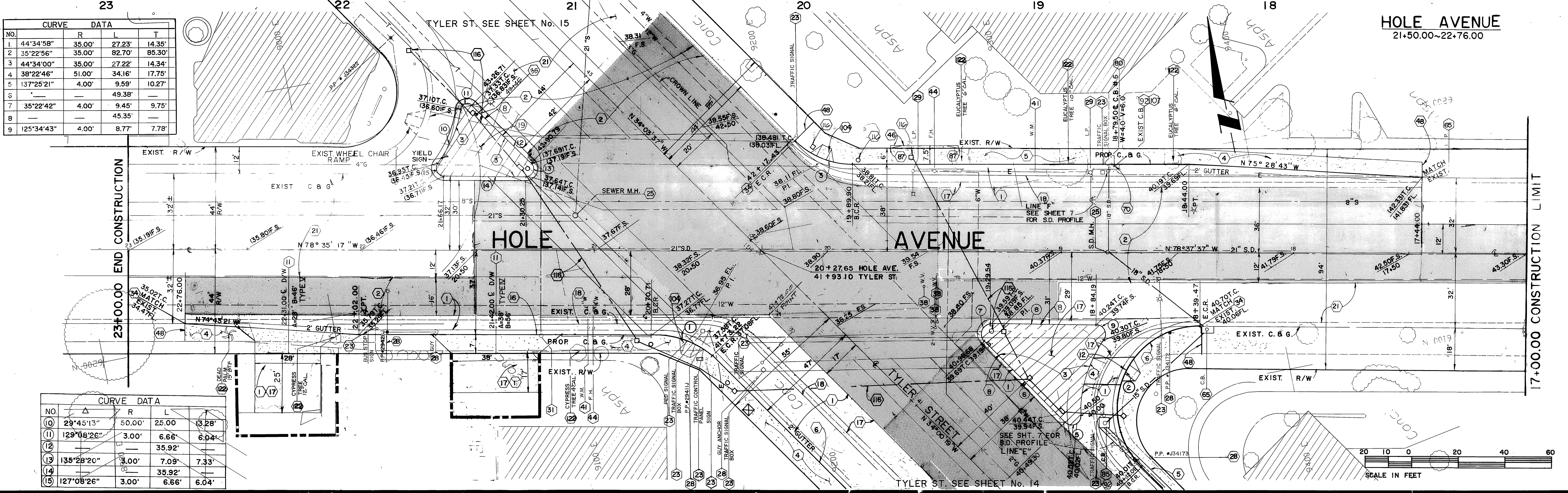
HORIZ. SCALE: 1" = 20' VERT. SCALE: 1" = 2'
 INDEXED 1-15-93 LHM

PC 2194 SEP



CURVE DATA				
NO.	R	L	T	
1	44'34.58"	35.00'	27.23'	14.35'
2	35'22.56"	35.00'	82.70'	85.30'
3	44'34.00"	35.00'	27.22'	14.34'
4	38'22.46"	51.00'	34.16'	17.75'
5	137'25.21"	4.00'	9.59'	10.27'
6			49.38'	
7	35'22.42"	4.00'	9.45'	9.75'
8			45.35'	
9	125'34.43"	4.00'	8.77'	7.78'

CURVE DATA				
NO.	Δ	R	L	T
10	29°45'13"	50.00'	25.00'	13.28'
11	129°08'26"	3.00'	6.66'	6.04'
12			35.92'	
13	135°28'20"	3.00'	7.09'	7.33'
14			35.92'	
15	127°08'26"	3.00'	6.66'	6.04'



Underground Service Alert
Call: TOLL FREE
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PRIVATE ENGINEERING NOTE
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PREPARED UNDER THE DIRECTION OF:
John W. Cooney
REGISTERED CIVIL ENGINEER No. 17550
EXPIRATION DATE: 6-30-93 DATE: 7/31/90
APPROVED BY:
CITY OF RIVERSIDE WATER DEPARTMENT
A.J. Spaul
REVIEWED BY: DATE: 11/18/90

J.F. Davidson Associates, Inc.
ENGINEERING PLANNING SURVEYING ARCHITECTURE LANDSCAPE ARCHITECTURE
3880 Lenox Street, Suite 300 P.O. Box 493 Riverside, CA 92502 714-688-8844 FAX 714-688-8854
11200 S. Mt. Vernon Ave., Suite "D" Colton, CA 92324 (714) 825-1082 6191 346-5891 FAX 619-346-0559
BENCH MARK:
BRONZE DISK IN CONCRETE POST, STAMPED 601-26-68 AT THE BACK OF THE S.W. 65.5' S.E. OF THE C.L. OF MAGNOLIA AVE. 82.0' N.E. OF THE C.L. OF TYLER ST. ELEVATION = 742.243'

SCALE: 1" = 20'
DATE: JULY 1990
DESIGNED BY: D.K. DRAWN BY: D.A.C. CHECKED BY: J.S. 12/21

CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS
APPROVED BY: [Signature] BY: [Signature] DATE: 12/20/90
PRINCIPAL ENGINEER PARK DEPARTMENT TRAFFIC DIVISION CHIEF P.W. ENGR.
APPROVED BY: [Signature] DIRECTOR OF PUBLIC WORKS
DATE: 12/20/90

TYLER MALL EXPANSION CFD # 90-2 IMPROVEMENTS STREET IMPROVEMENT PLAN HOLE AVE.
STA. 17+44.00 TO STA. 22+76.00
HORIZ. SCALE: 1" = 20' VERT. SCALE: 1" = 2'
PROJECT NO. R-3194
SHEET 16 OF 35
FILE NO. 8911175
INDEXED 1-15-93 LHM

739

739

739

739

150 + 30.00 BEGIN CONSTRUCTION

SEE SHEET NO. 18 MATCH LINE

742 N'LY T.C.

743 N'LY. MED. T.C.

743 S'LY. MED. T.C.

744 S'LY T.C.

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

NO.	Δ	R	L	T
1	89°59'48"	35.00'	4.98'	35.00'
2	90°00'31"	35.00'	4.98'	35.01'
3	89°59'06"	35.00'	4.97'	34.98'
4	2°54'50"	35.00'	18.27'	9.35'
5	180°00'00"	2.00'	6.28'	
6	29°55'35"	55.00'	28.73'	14.70'
7	28°04'21"	42.50'	20.82'	10.63'
8	90°00'00"	35.00'	54.98'	35.00'

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, MAINTAIN 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:

REGISTERED CIVIL ENGINEER No. 46212
EXPIRATION DATE: 12/31/90 DATE: 10/24/90
CITY OF RIVERSIDE WATER DEPT.
REVIEWED BY: A.J. Syed DATE: 12/18/90



J.F. Davidson Associates, Inc.
ENGINEERING PLANNING SURVEYING ARCHITECTURE LANDSCAPE ARCHITECTURE
3880 Lemon Street, Suite 300 P.O. Box 493 Riverside, CA 92502 (714) 988-0344 FAX 714-988-5954
11200 S. Van Nuys Avenue, Suite "D" Palmdale, CA 92350 (818) 346-6691 FAX 818-340-0529
BENCH MARK: BRONZE DISK IN CONCRETE POST, STAMPED 601-26-68 AT THE BACK OF THE S.W. CORNER OF THE C.L. OF MAGNOLIA AVE. 52.0' N.E. OF THE C.L. OF TYLER ST. ELEVATION = 742.243'

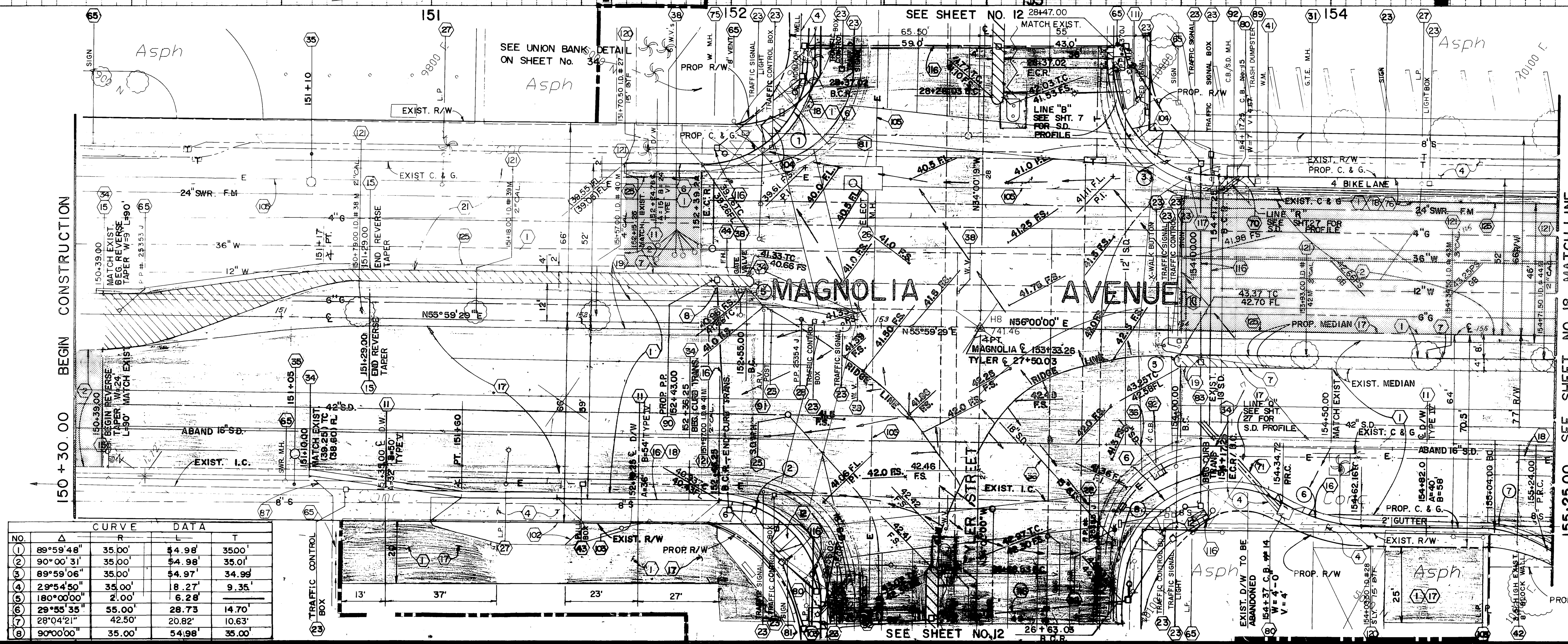
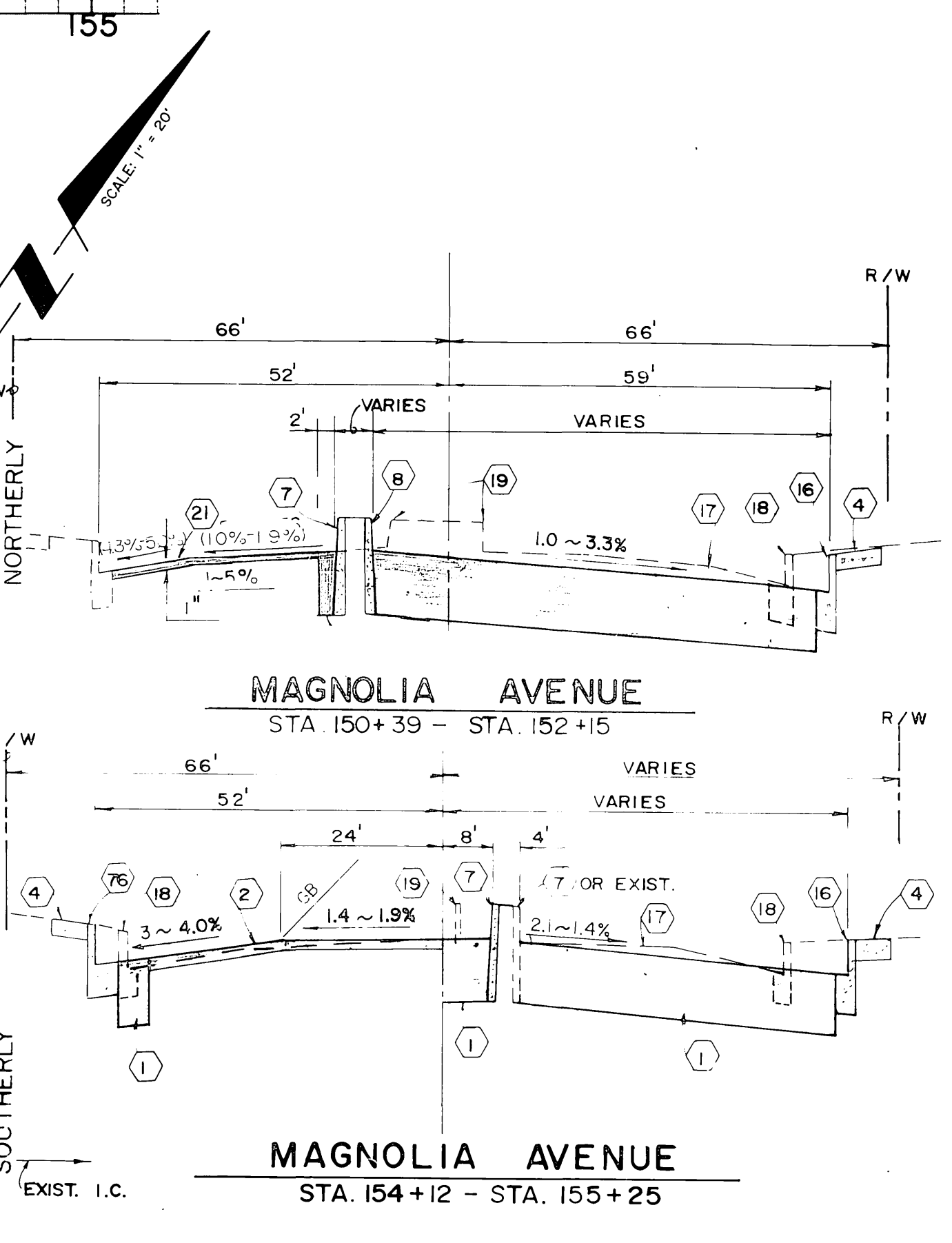
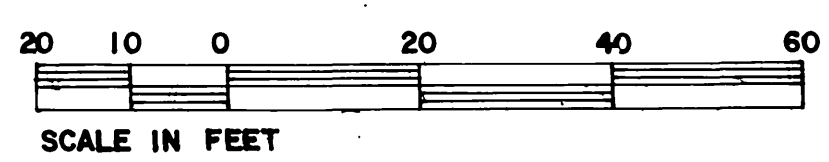
CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS

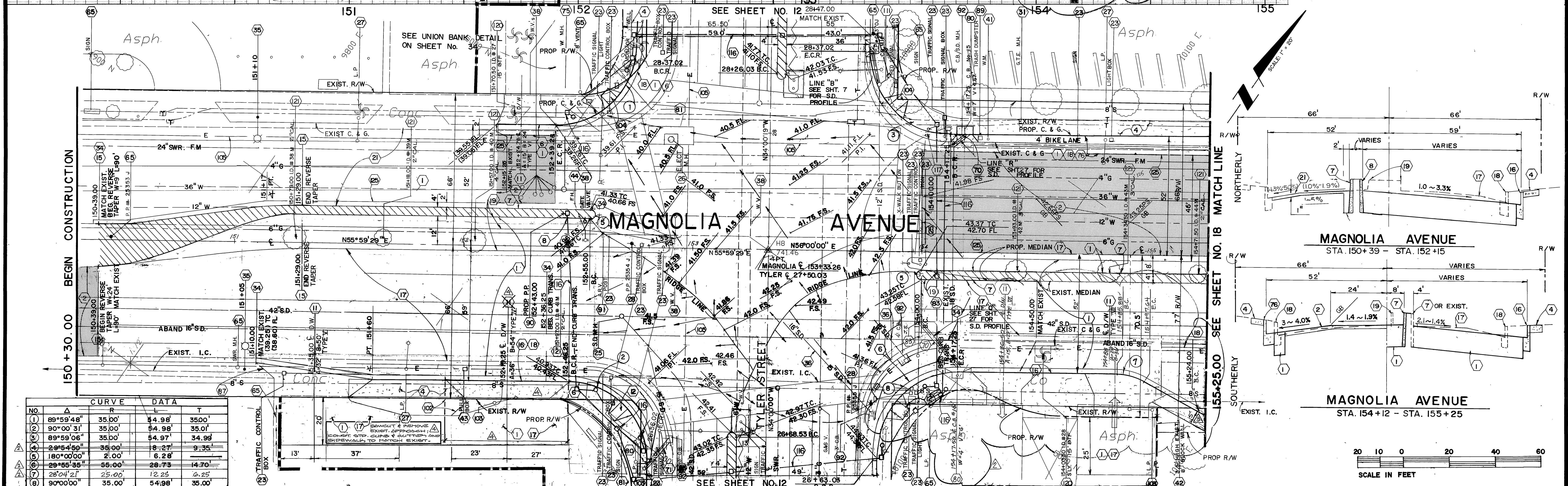
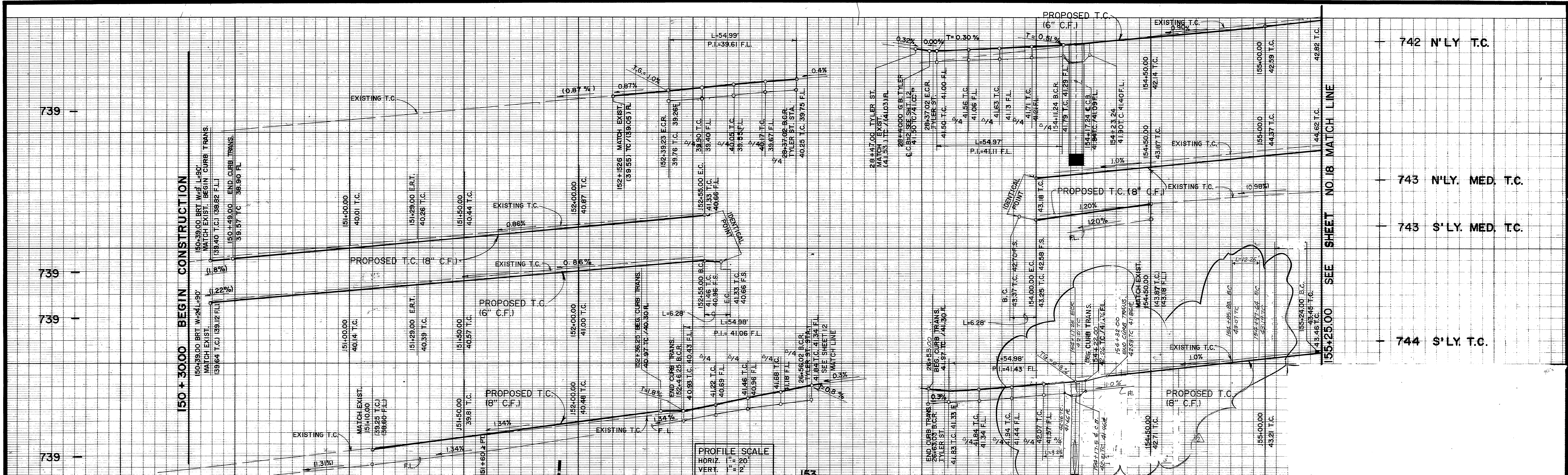
APPROVED BY: [Signature] DATE: 12/20/90
PRINCIPAL ENGINEER
PARK DEPARTMENT
TRAFFIC DIVISION
CHIEF P.E. ENGR. M.L.C. 11/21/90
APPROVED BY: [Signature] DATE: 12/20/90
DIRECTOR OF PUBLIC WORKS

TYLER MALL EXPANSION CFD 90-2 IMPROVEMENTS STREET IMPROVEMENT PLAN

MAGNOLIA AVE.
STA. 151+00.00 TO STA. 155+25.00
HORIZ. SCALE: 1" = 20' VERT. SCALE: 1" = 2'

PROJECT NO. R-3194
SHEET 17 OF 35
FILE NO. 8911175





NO.	Δ	R	L	T
1	89°59'48"	35.00'	54.98'	35.00'
2	90°00'31"	35.00'	54.98'	35.01'
3	89°59'06"	35.00'	54.97'	34.98'
4	29°54'50"	35.00'	18.27'	9.35'
5	180°00'00"	2.00'	6.28'	
6	29°55'35"	55.00'	28.73'	14.70'
7	28°04'21"	25.00'	12.25'	6.25'
8	90°00'00"	35.00'	54.98'	35.00'

Underground Service Alert
 Call: TOLL FREE
1-800-422-4133
 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:
J.F. Davidson Associates, Inc.
 REGISTERED CIVIL ENGINEER No. 46212
 EXPIRATION DATE: 12/31/90 DATE: 12/24/90
 CITY OF RIVERSIDE WATER DEPT.
 REVIEWED BY: J.J. Syed DATE: 1/19/90

J.F. Davidson Associates, Inc.
 ENGINEERING PLANNING SURVEYING ARCHITECTURE LANDSCAPE ARCHITECTURE
 3880 Lemon Street, Suite 300 11200 S. Mt. Vernon Ave., Suite 107 73-080 El Paseo, Suite 106
 Colton, CA 92524 Palm Desert, CA 92260
 (714) 689-0844 (714) 825-1082 (919) 346-8891
 FAX 714-686-5954 FAX 919-340-0529

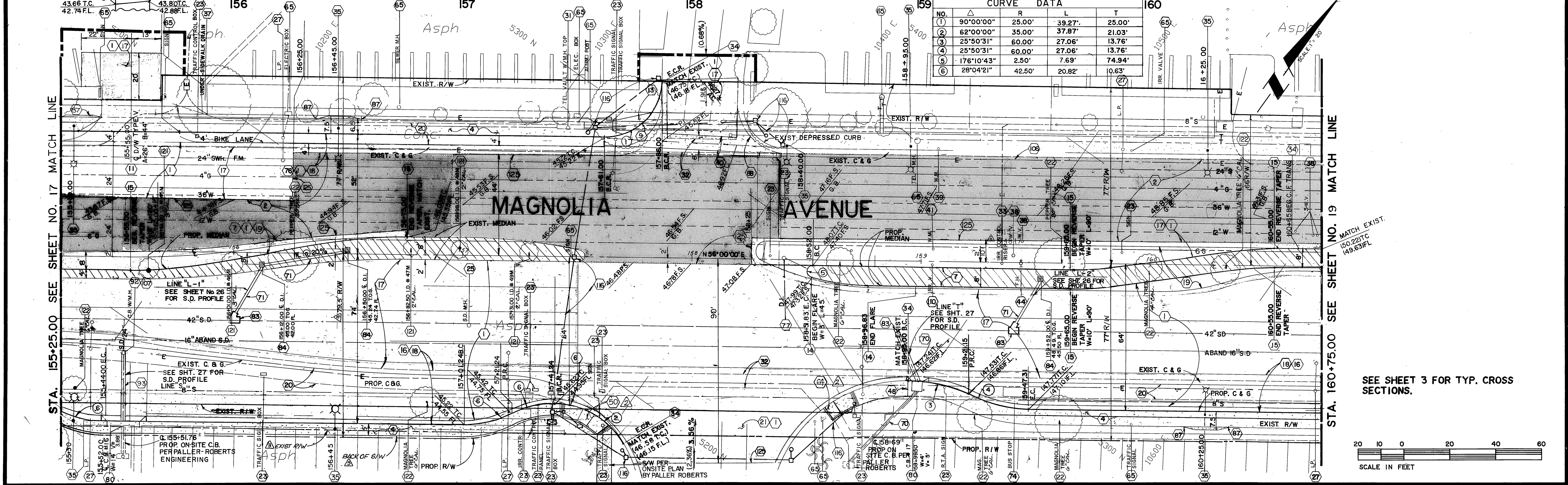
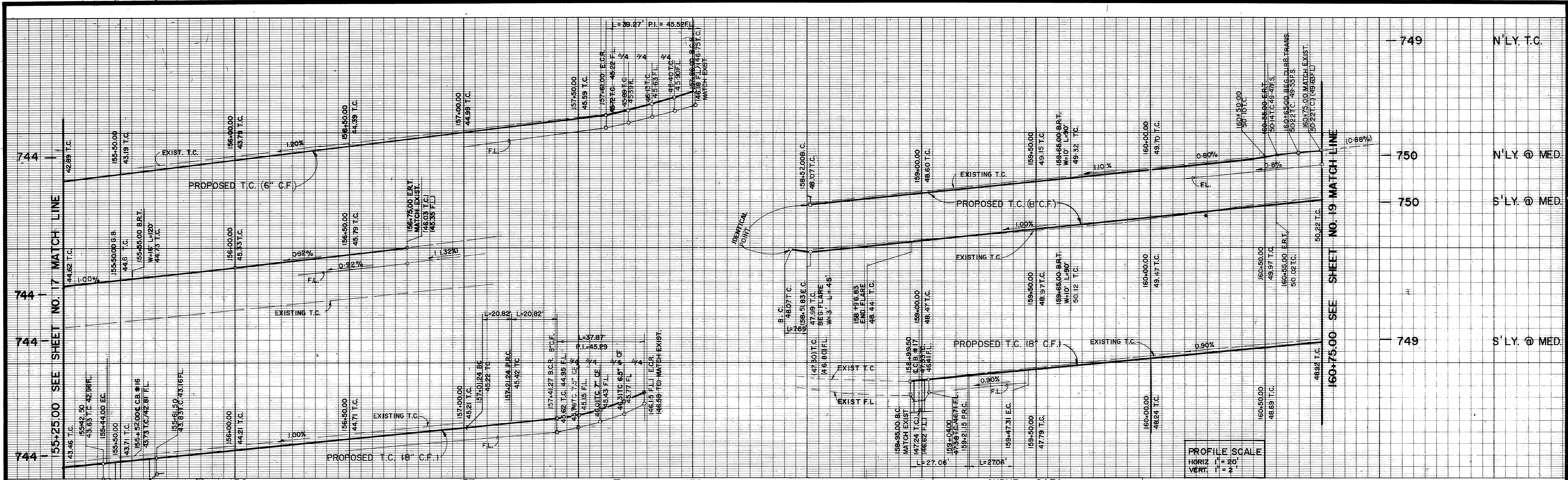
SCALE: 1" = 20'
 DATE: JULY 1990
 BENCH MARK: BRONZE DISK IN CONCRETE POST, STAMPED 601-26-68 AT THE BACK OF THE S.W. CORNER OF THE C.I. OF MAGNOLIA AVE. 52.0' NE. OF THE C.L. OF TYLER ST. ELEVATION = 742.243'

MARK	REVISIONS	APPR.	DATE
Δ	REVISED CURB LINE, D/W'S & CATCH BASIN	J.M.	1/19/90
⊖	MOBIL OIL	J.M.	1/19/90
⊕	ADDED SW	J.M.	1/19/90
Δ	REMOVED EXIST. DRIVE APPROACH (S.D. 124' x 135' COLLECTOR, 2' x 2' SIDEWALK, 18" x 18" MANHOLE)	J.M.	1/19/90

DESIGNED BY: L.M. DRAWN BY: POOL CHECKED BY: J.S.

CITY OF RIVERSIDE, CALIFORNIA
 DEPARTMENT OF PUBLIC WORKS
 APPROVED BY: [Signature] BY: [Signature] DATE: 12/20/90
 PRINCIPAL ENGINEER
 PARK DEPARTMENT
 TRAFFIC DIVISION
 CHIEF P.W. ENGR. [Signature]

TYLER MALL EXPANSION
 C.F.D. 90-2 IMPROVEMENTS
 STREET IMPROVEMENT PLAN
MAGNOLIA AVE.
 STA. 151+00.00 TO STA. 155+25.00
 PROJECT NO. R-3194
 SHEET 17 A OF 35
 FILE NO. 8911175
 HORIZ. SCALE: 1" = 20' VERT. SCALE: 1" = 2'



Underground Service Alert
 Call: TOLL FREE
1-800-422-4133
 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:
J. Davidson Associates, Inc.
 REGISTERED CIVIL ENGINEER NO. 46212
 EXPIRATION DATE: 12/31/90 DATE: 12/24/90
 CITY OF RIVERSIDE WATER DEPT.
 REVIEWED BY: A.J. Syed DATE: 12/19/90

J.F. Davidson Associates, Inc.
 ENGINEERING PLANNING SURVEYING ARCHITECTURE LANDSCAPE ARCHITECTURE
 3880 Lemon Street, Suite 300, 11200 S. Mt. Vernon Ave., Suite 107, 73-080 El Paseo, Suite 106
 P.O. Box 493, Colton, CA 92324, Palm Desert, CA 92260
 Riverside, CA 92502, (714) 825-1082, (619) 346-6699
 (714) 886-0844, FAX 619-340-0529, FAX 714-886-5954

BENCH MARK:
 BRONZE DISK IN CONCRETE POST, STAMPED 601-26-68
 AT THE BACK OF THE S.W. 55' S.E. OF THE C.L. OF MAGNOLIA AVE. 52.0' N.E. OF THE C.L. OF TYLER ST. ELEVATION = 742.243'

DESIGNED BY: L.M. DRAWN BY: POOL CHECKED BY: J.S.

CITY OF RIVERSIDE, CALIFORNIA
 DEPARTMENT OF PUBLIC WORKS

APPROVED BY: [Signature]
 PRINCIPAL ENGINEER
 PARK DEPARTMENT
 TRAFFIC DIVISION
 CHIEF P.W. ENGR.

APPROVED BY: [Signature]
 DIRECTOR OF PUBLIC WORKS

DATE: 12/20/90

TYLER MALL EXPANSION
 C.F.D. 90-2-1 IMPROVEMENTS
 STREET IMPROVEMENT PLAN
MAGNOLIA AVE.
 STA. 155+25.00 TO STA. 160+75.00

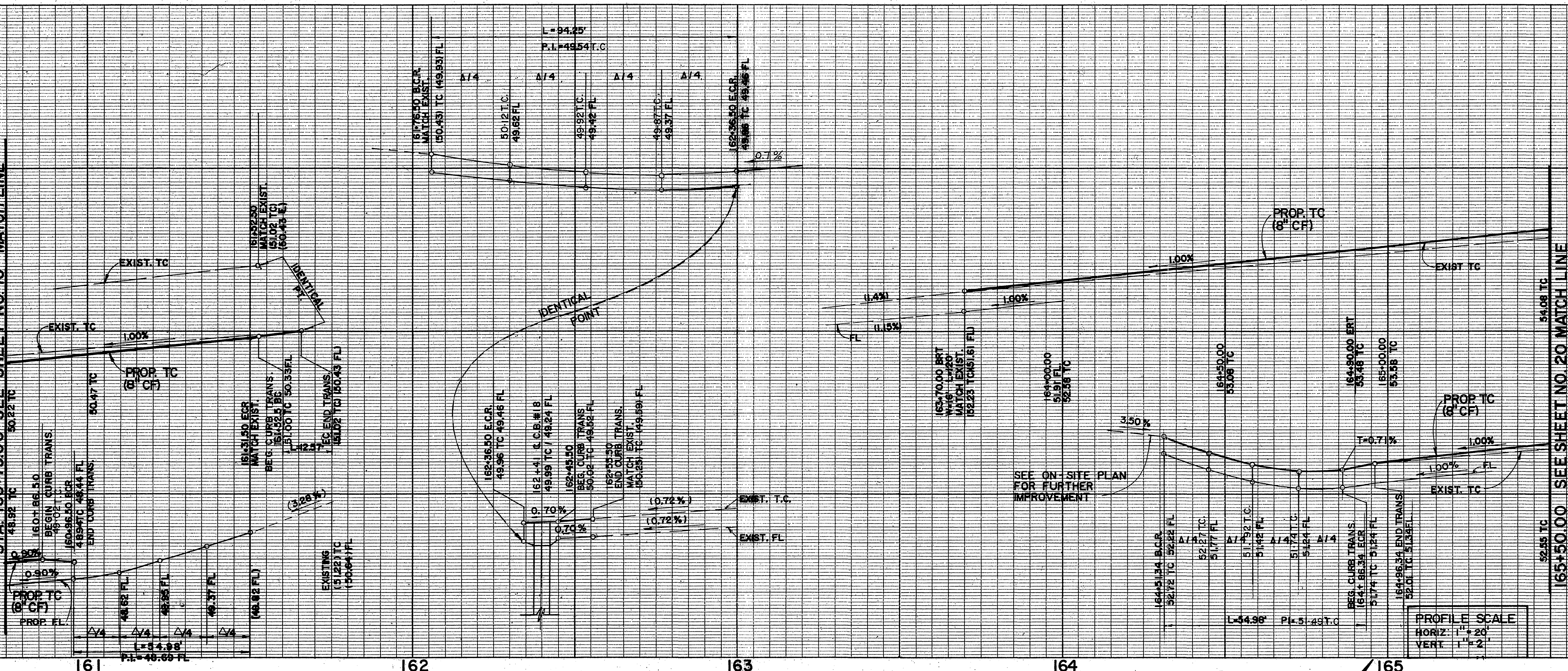
HORIZ. SCALE: 1" = 20'
 VERT. SCALE: 1" = 2'

PROJECT NO. R-3194
 SHEET 18 OF 35
 FILE NO. 8911175

INDEXED 1-15-93 LH

750
750
750

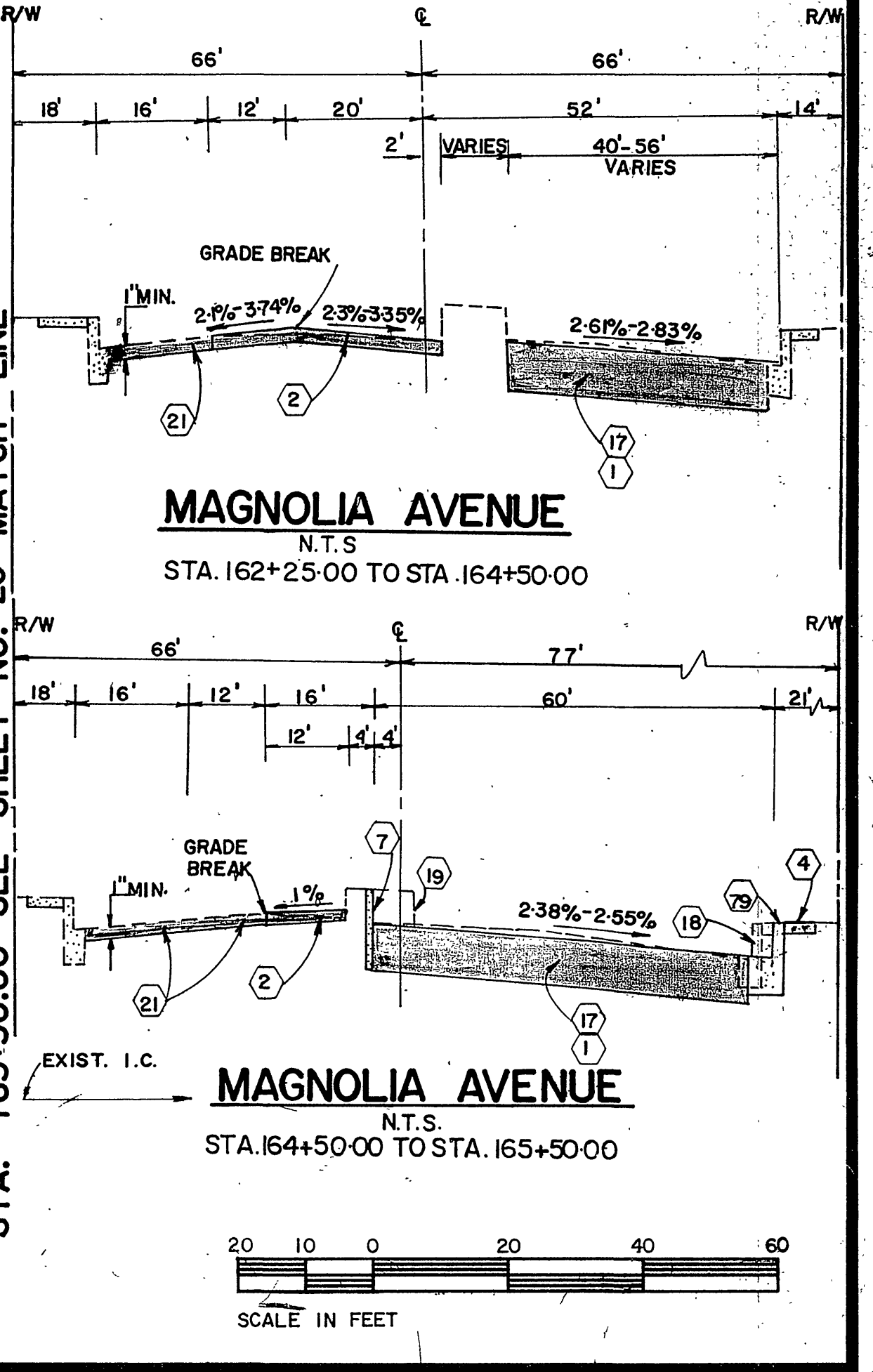
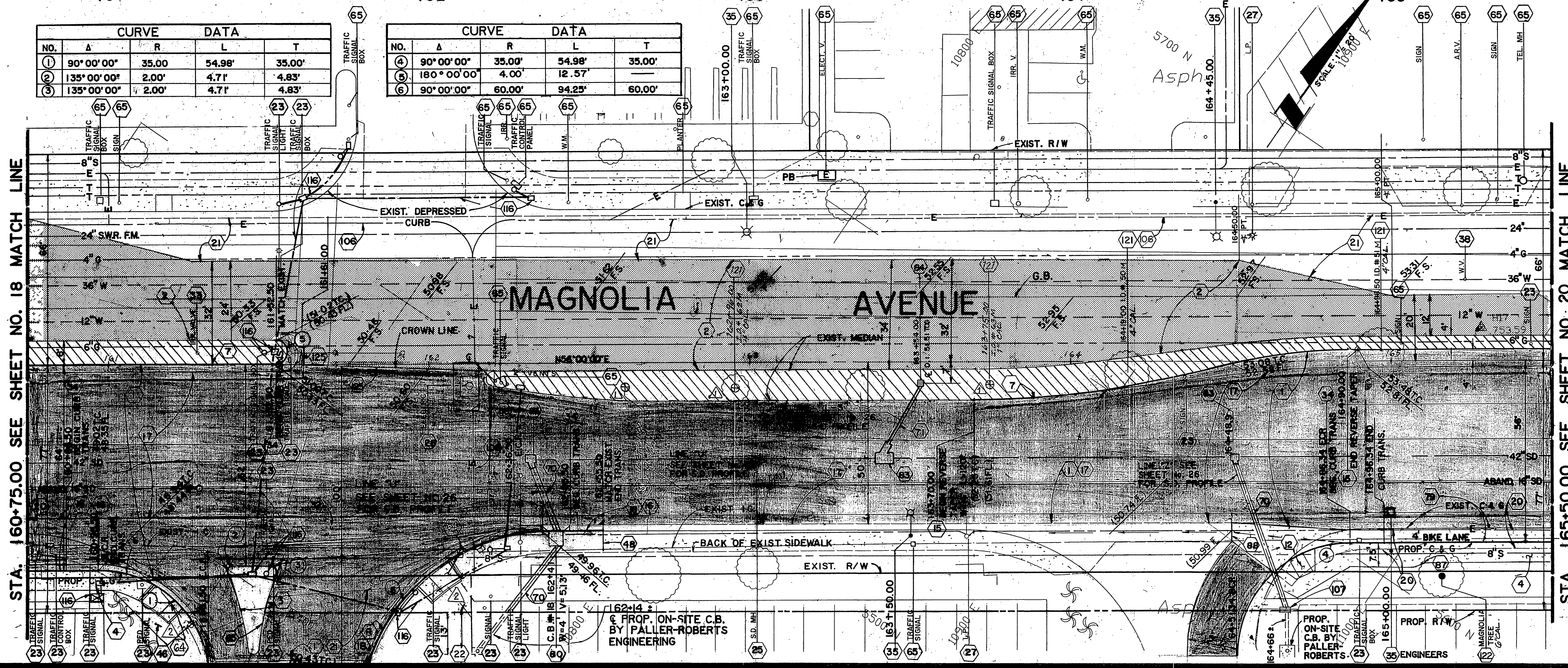
STA. 160+75.00 SEE SHEET NO. 18 MATCH LINE
STA. 160+75.00 SEE SHEET NO. 18 MATCH LINE
STA. 165+50.00 SEE SHEET NO. 20 MATCH LINE
STA. 165+50.00 SEE SHEET NO. 20 MATCH LINE



754 S'LY TO @ MED.
753 S'LY TO

CURVE DATA				
NO.	Δ	R	L	T
1	90° 00' 00"	35.00'	54.98'	35.00'
2	135° 00' 00"	2.00'	4.71'	4.83'
3	135° 00' 00"	2.00'	4.71'	4.83'

CURVE DATA				
NO.	Δ	R	L	T
4	90° 00' 00"	35.00'	54.98'	35.00'
5	180° 00' 00"	4.00'	12.57'	12.57'
6	90° 00' 00"	60.00'	94.25'	60.00'



Underground Service Alert
Call: TOLL FREE
1-800-422-4133
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 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
REGISTERED CIVIL ENGINEER NO. 46212
EXPIRATION DATE 12/31/90 DATE: 12/29/90
CITY OF RIVERSIDE WATER DEPT.
REVIEWED BY: A.J. Syed DATE: 12/19/90

J.F. Davidson Associates, Inc.
ENGINEERING PLANNING SURVEYING ARCHITECTURE LANDSCAPE ARCHITECTURE
3880 Lemon Street, Suite 300 11200 S. Mt. Vernon Ave., Suite "D" 73-080 El Paseo, Suite 106
P.O. Box 493 Colton, CA 92324 Palm Desert, CA 92260
(714) 889-0644 (918) 346-5591
FAX: 714-889-8954 FAX: 619-340-0529

SCALE 1" = 20'
BENCH MARK BRONZE DISK IN CONCRETE POST, STAMPED 601-26-68 AT THE BACK OF THE S.W. 65' S.E. OF THE C.L. OF MAGNOLIA AVE. 52.0' N.E. OF THE C.L. OF TYLER ST. ELEVATION = 742.243'
DATE JULY 1990

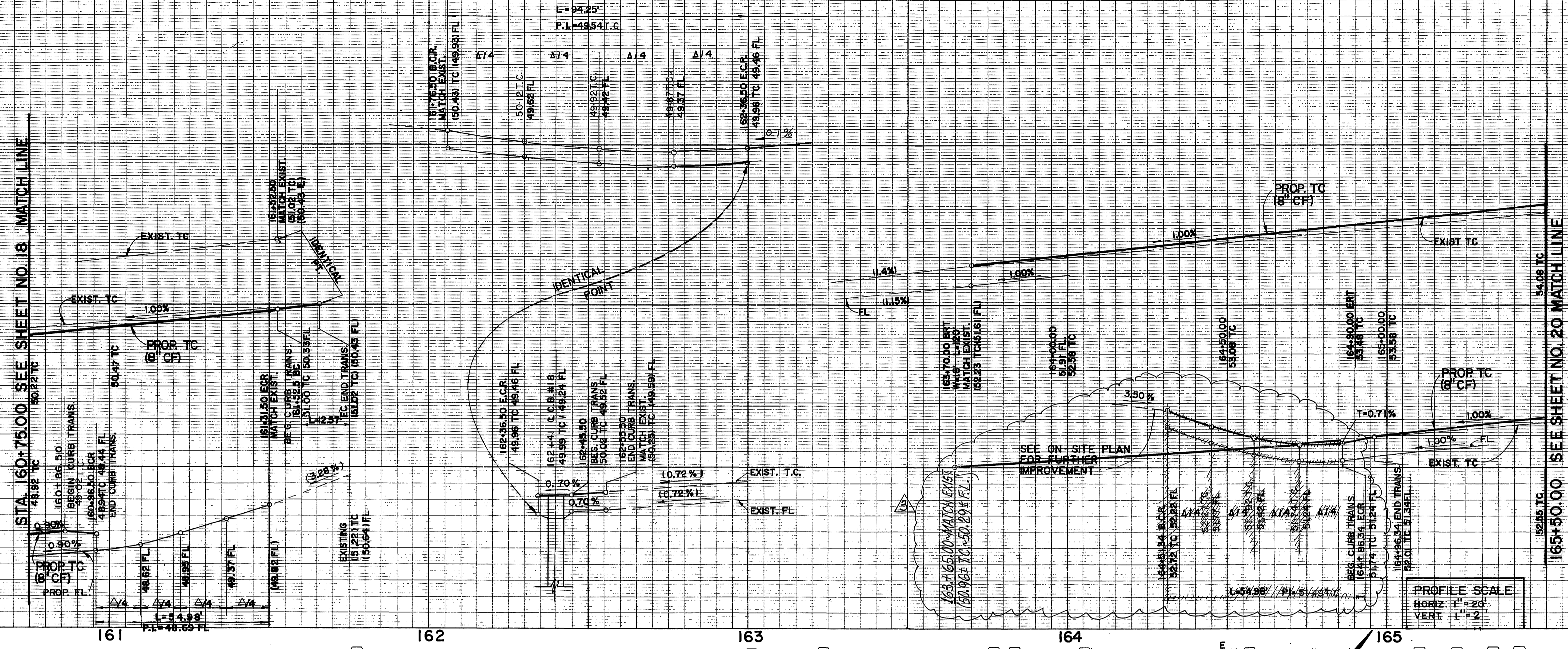
DESIGNED BY: L.M. DRAWN BY: POOL CHECKED BY: J.S.
REVISIONS:
CHANGE OF P.C. RAMP PER OWNER'S REQUEST
ADDED STREET TREE NOTE # 121

CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS
APPROVED BY: [Signature] DATE: 12/20/90
PRINCIPAL ENGINEER
TRAFFIC DIVISION
CHIEF P.W. ENGR

TYLER MALL EXPANSION C.F.D. 90-2 IMPROVEMENTS STREET IMPROVEMENT PLAN MAGNOLIA AVE.
STA. 160+75.00' TO STA. 165+50.00'
PROJECT NO. R-3194
SHEET 19 OF 35
HORIZ. SCALE 1" = 20' VERT. SCALE 1" = 2'
FILE NO. 891175
INDEXED 115-93 44

750
750
750

STA. 160+75.00 SEE SHEET NO. 18 MATCH LINE



-754 S'LY TC @ MED.

-753 S'LY TC

ALL WORK DESIGNATED ON REVISION PREPARED UNDER THE DIRECTION OF DENNIS M. VALDEZ, R.C.E. No. 013009, EXP. 3-31-2006, BRID ENGINEERING ASSOCIATES, INC., 2859 STEVEN CREEK BOULEVARD, SUITE 208, SAN JOSE, CA. 95128 ~ 408-241-5494

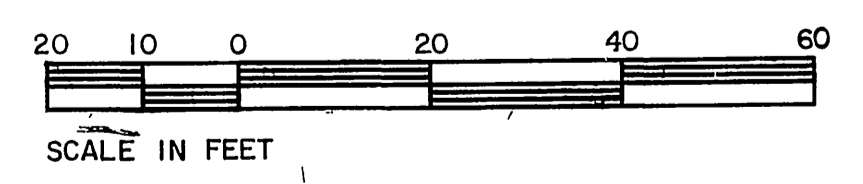
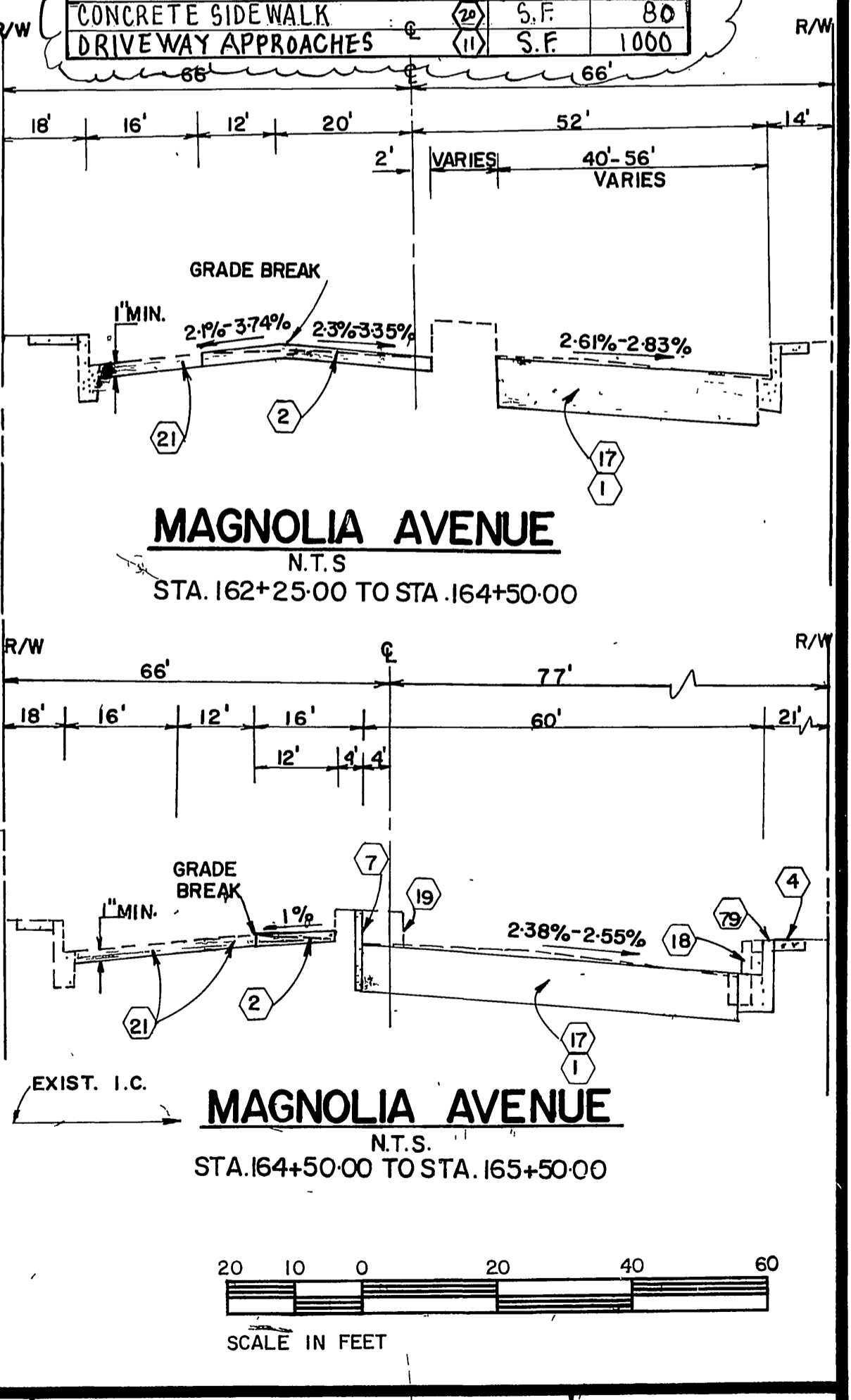
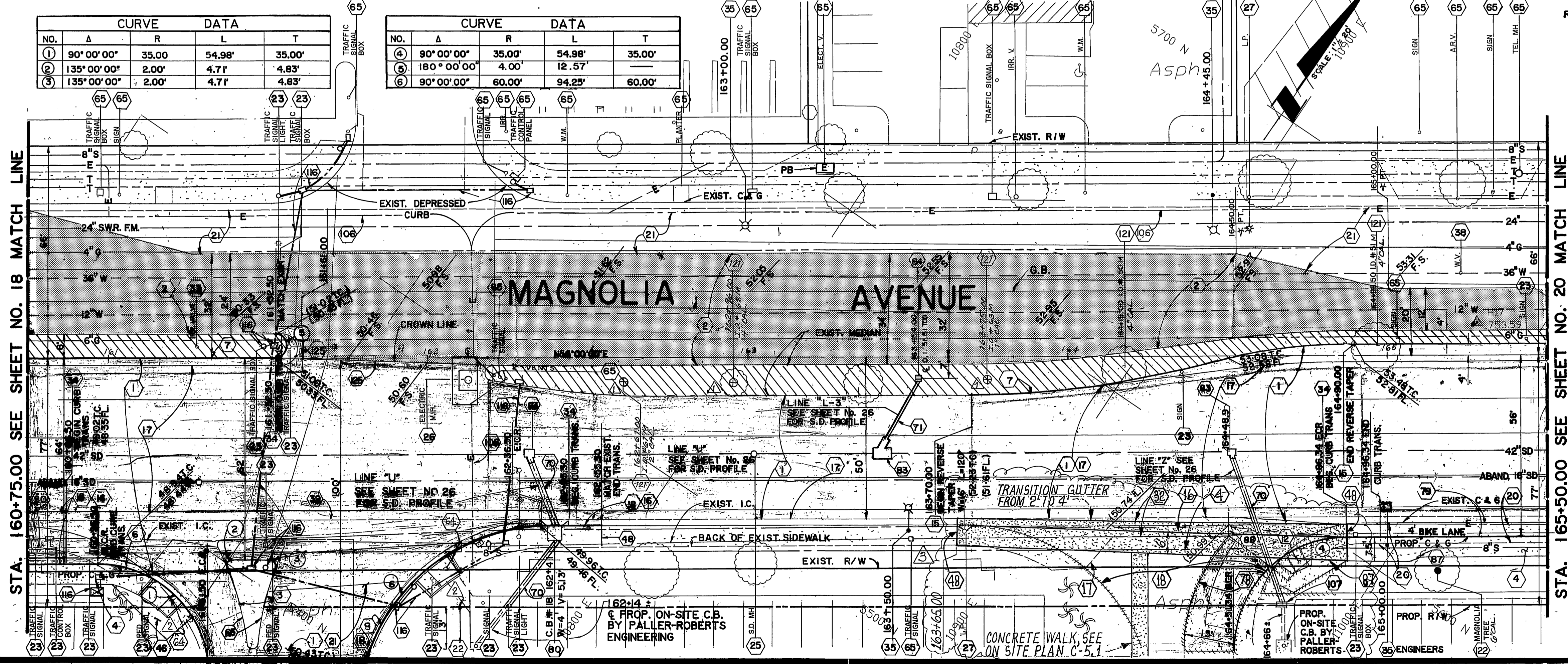
CITY OF RIVERSIDE BUSINESS TAX #119329
EXPIRATION DATE: 2/23/06
PW 05-0473

CONSTRUCT	UNIT	QUANTITY
8" CONCRETE CURB & GUTTER	(4) L.F.	120
CONCRETE SIDEWALK (5' WIDE)	(4) S.F.	120
REMOVE		
8" CONCRETE CURB & GUTTER	(8) L.F.	100
CONCRETE SIDEWALK	(2) S.F.	80
DRIVEWAY APPROACHES	(1) S.F.	1000

NO.	Δ	R	L	T
(1)	90° 00' 00"	35.00'	54.98'	35.00'
(2)	135° 00' 00"	2.00'	4.71'	4.83'
(3)	135° 00' 00"	2.00'	4.71'	4.83'

NO.	Δ	R	L	T
(4)	90° 00' 00"	35.00'	54.98'	35.00'
(5)	180° 00' 00"	4.00'	12.57'	—
(6)	90° 00' 00"	60.00'	94.25'	60.00'

STA. 160+75.00 SEE SHEET NO. 18 MATCH LINE



Underground Service Alert
Call: TOLL FREE
1-800-422-4133
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:
Dennis M. Valdez
REGISTERED CIVIL ENGINEER No. 46212
EXPIRATION DATE: 12/31/10 DATE: 10/29/10
CITY OF RIVERSIDE WATER DEPT.
REVIEWED BY: *A.J. Syed* DATE: 12/18/10

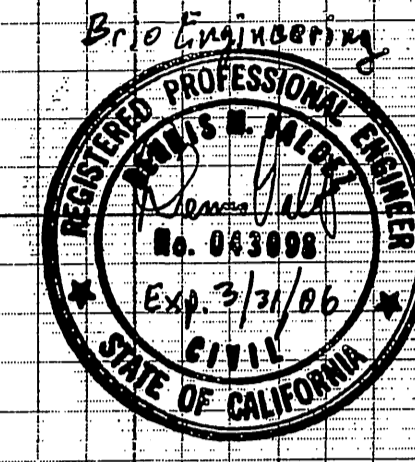
J.F. Davidson Associates, Inc.
ENGINEERING PLANNING SURVEYING ARCHITECTURE LANDSCAPE ARCHITECTURE
3880 Lemon Street, Suite 300 P.O. Box 493 Riverside, CA 92502 (714) 686-0844 FAX 714-686-5954
11200 S. M. Vernon Ave., Suite "D" Colton, CA 92324 (919) 348-0691 FAX 619-340-0329
BENCH MARK: BROWN DISK IN CONCRETE POST, STAMPED 601-26-68 AT THE BACK OF THE S.W. 65' S.E. OF THE C.L. OF MAGNOLIA AVE. 52.0' N.E. OF THE C.L. OF TYLER ST. ELEVATION = 742.243'
SCALE: 1" = 20'
DATE: JULY 1990

DESIGNED BY L.M. DRAWN BY POOL CHECKED BY J.S.
APPROVED BY: *KVL* DATE: 12/20/10
APPROVED BY: *AKL* DATE: 12/20/10

CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS
APPROVED BY: *Raymond* DATE: 12/20/10
PRINCIPAL ENGINEER
PARK DEPARTMENT
TRAFFIC DIVISION
CHIEF P.W. ENGR.

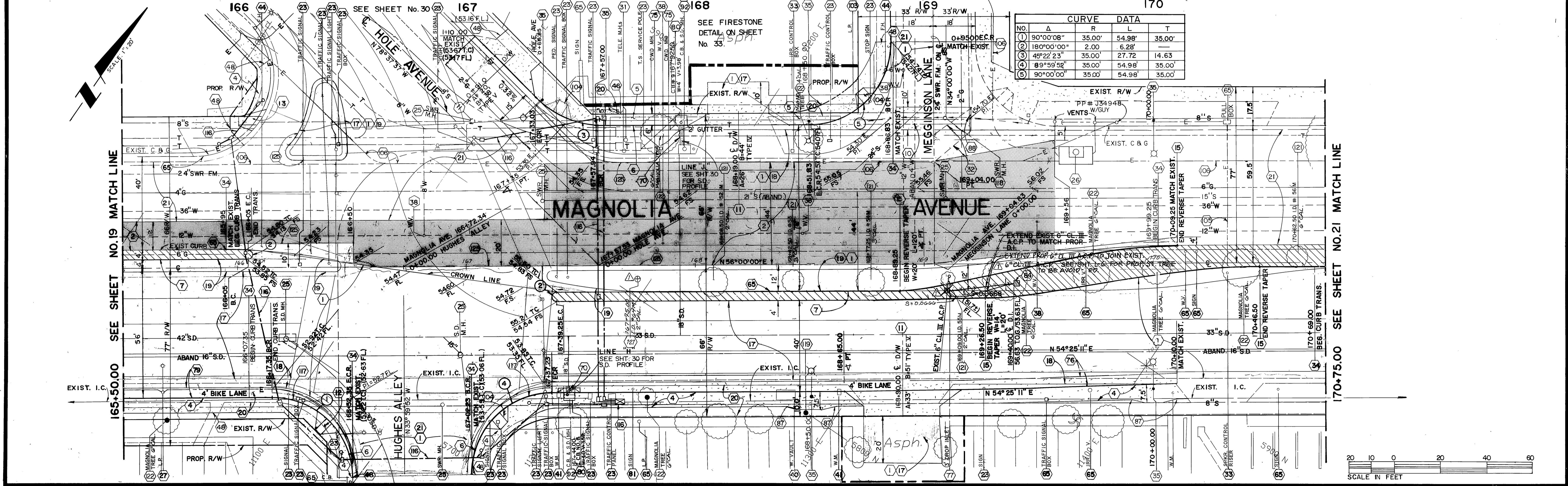
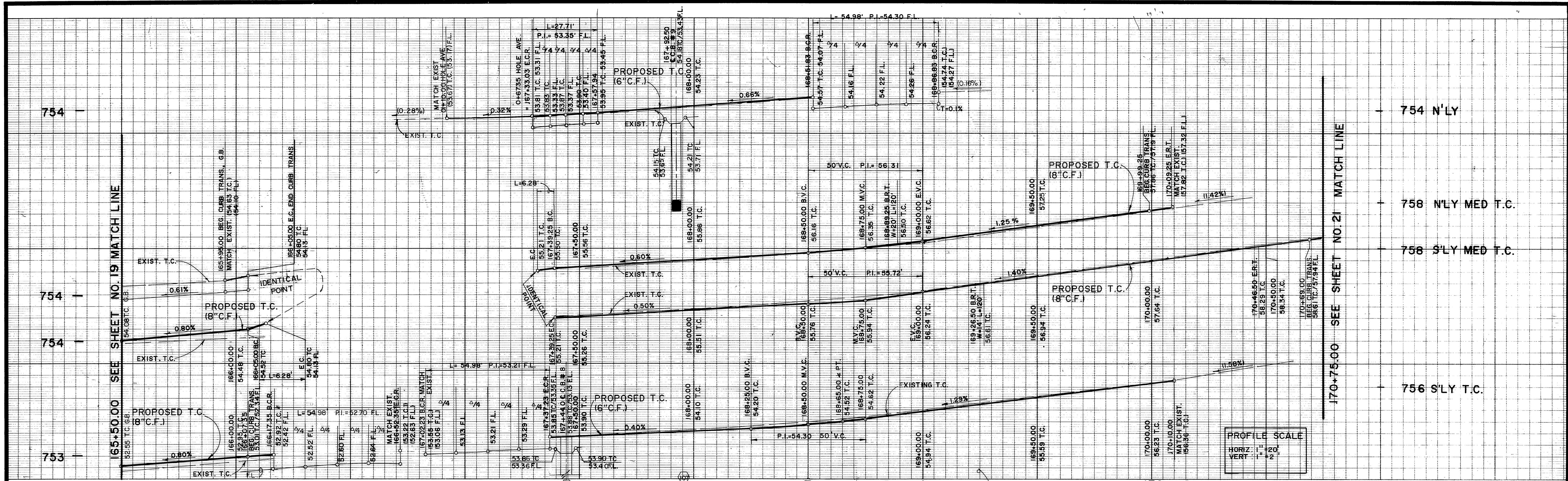
TYLER MALL EXPANSION C.F.D. 90-2 IMPROVEMENTS STREET IMPROVEMENT PLAN MAGNOLIA AVE.
STA. 160+75.00 TO STA. 165+50.00
HORIZ SCALE 1" = 20' VERT SCALE 1" = 2'

PROJECT NO: R=3194
SHEET 19 OF 35
FILE NO: 8911175

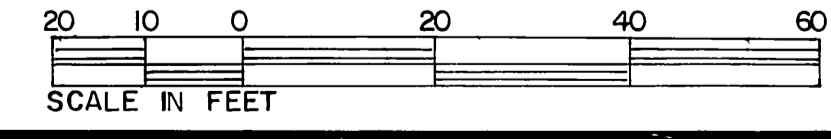


PC 2794 SEP

INDEXED 1-5-93 44



CURVE DATA				
NO.	Δ	R	L	T
①	90°00'08"	35.00'	54.98'	35.00'
②	180°00'00"	2.00'	6.28'	—
③	48°22'23"	35.00'	27.72'	14.63'
④	89°59'58"	35.00'	54.98'	35.00'
⑤	90°00'00"	35.00'	54.98'	35.00'



Underground Service Alert

Call: TOLL FREE
1-800 422-4133

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 EXCEPT LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF DESIGN PROFESSIONAL.

PREPARED UNDER THE DIRECTION OF:
J. Davidson
REGISTERED CIVIL ENGINEER NO. 46212
EXPIRATION DATE: 12/31/90 DATE: 10/24/90
CITY OF RIVERSIDE WATER DEPT.
A.J. Syed 12/19/90
REVIEWED BY DATE

J.F. Davidson Associates, Inc.
ENGINEERING PLANNING SURVEYING ARCHITECTURE LANDSCAPE ARCHITECTURE
3880 Lemon Street, Suite 300 P.O. Box 493 Riverside, CA 92502 (714) 885-0944 FAX 714-885-9954
11200 S. Mt. Vernon Ave., Suite "D" Colton, CA 92324 (714) 825-1082 (619) 346-5691 FAX 619-340-0229

SCALE: 1" = 20'
DATE: JULY 1990
BENCH MARK: BRONZE DISK IN CONCRETE POST, STAMPED 601-26-88 AT THE BACK OF THE S.W. 65'S T.C. OF THE C.L. OF MAGNOLIA AVE. 52.0' N.E. OF THE C.L. OF TYLER ST. ELEVATION = 742.24'

DESIGNED BY L.M. DRAWN BY POOL CHECKED BY J.S.
REVISIONS: 1. MINOR REVISIONS TO MATCH EXISTING CURB TRANS. 2. ADDED STREET TREE NOTE 4/12/90

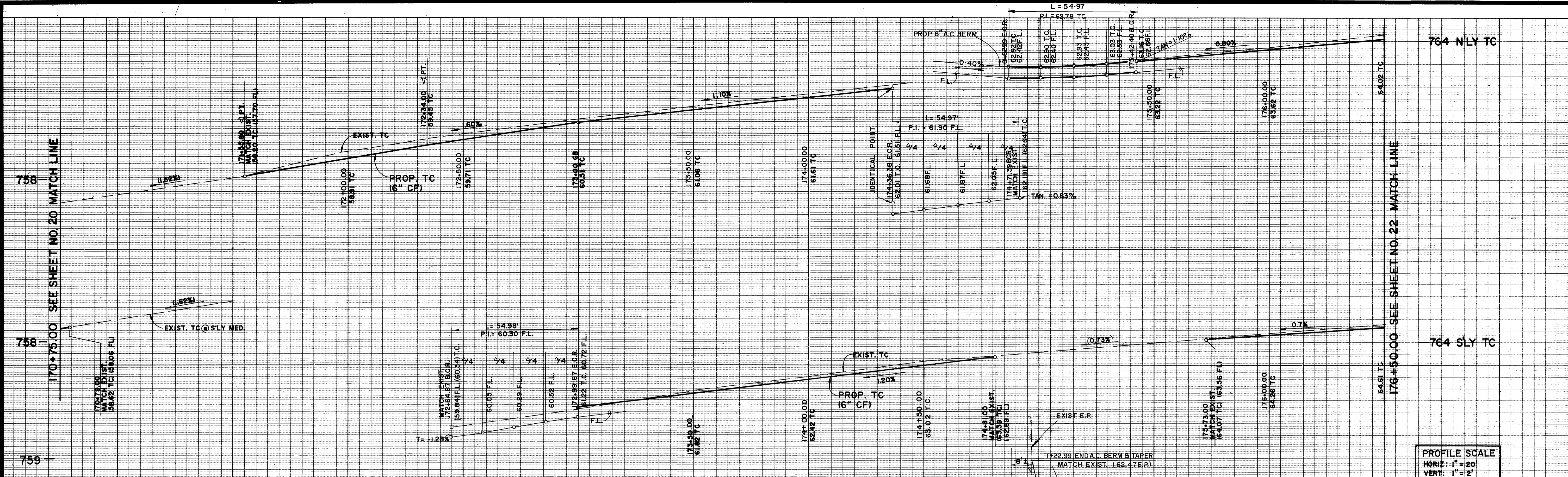
CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY: [Signature] DATE: 12/20/90
PRINCIPAL ENGINEER
PARK DEPARTMENT
TRAFFIC DIVISION
CHIEF P.W. ENGR.

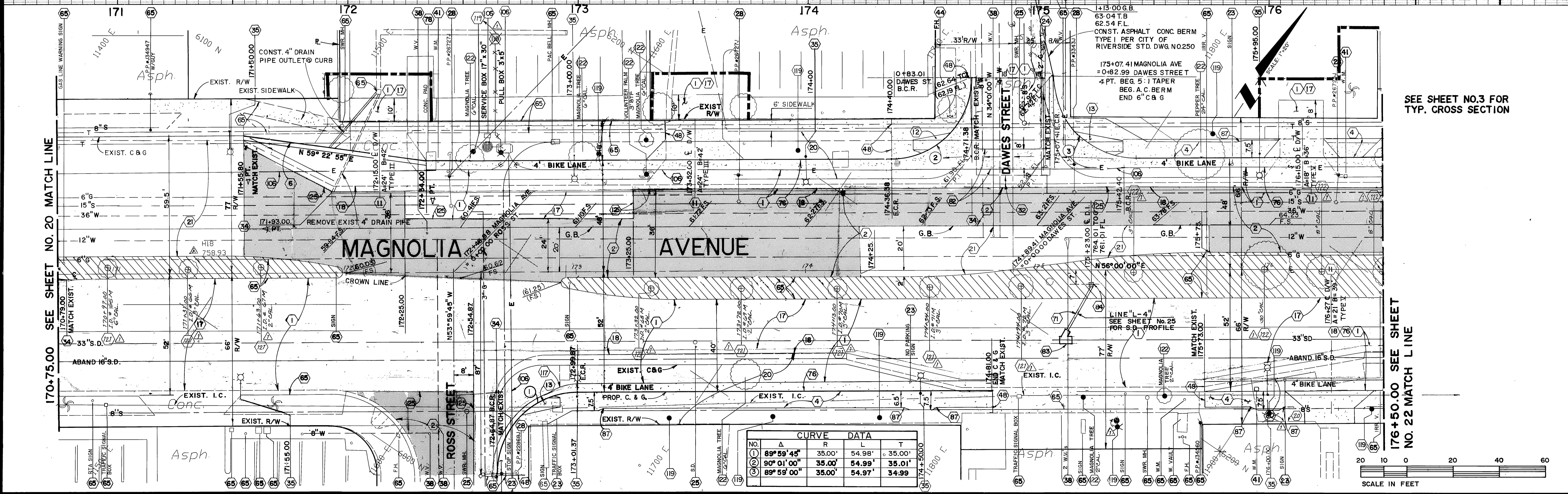
TYLER MALL EXPANSION
C.F.D. 90-2 IMPROVEMENTS
STREET IMPROVEMENT PLAN
MAGNOLIA AVE.
STA. 165+50.00 TO STA. 170+75.00

PROJECT NO. R-3194
SHEET 20 OF 35
HORIZ. SCALE: 1" = 20' VERT. SCALE: 1" = 2'
FILE NO: 8911175

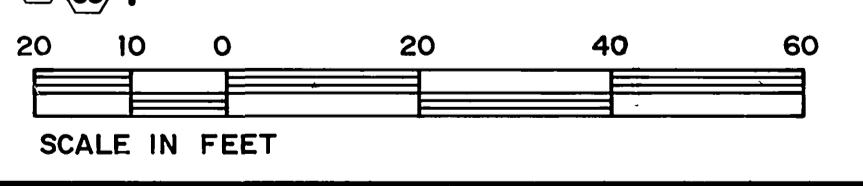
INDEXED 1-15-93 LH



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



NO.	Δ	R	L	T
1	89° 59' 45"	35.00'	54.98'	35.00'
2	80° 01' 00"	35.00'	54.99'	35.01'
3	89° 59' 00"	35.00'	54.97'	34.99'



SEE SHEET NO.3 FOR TYP. CROSS SECTION

Underground Service Alert
 Call: TOLL FREE
1-800-422-4133
 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 INDEMNITY 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 SUPERVISION OF
 REGISTERED CIVIL ENGINEER NO. 46212
 EXPIRATION DATE: 12/31/90 DATE: 12/29/90
 CITY OF RIVERSIDE WATER DEPT.
 REVIEWED BY: A.J. Syed DATE: 12/18/90

J.F. Davidson Associates, Inc.
 ENGINEERING PLANNING SURVEYING ARCHITECTURE LANDSCAPE ARCHITECTURE
 3880 Lemon Street, Suite 300 P.O. Box 493 Riverside, CA 92502
 11200 S. Mt. Vernon Ave., Suite "D" Palm Desert, CA 92260
 73-080 El Paseo, Suite 106 Palm Desert, CA 92260
 (714) 886-0844 (714) 825-1082 (818) 346-5691 (818) 346-5691
 FAX 714-886-5954 FAX 818-346-0529

SCALE: 1" = 20'
 DATE: JULY 1990
 BENCHMARK: BRONZE DISK IN CONCRETE POST, STAMPED 601-26-68 AT THE BACK OF THE S.W. CORNER S.E. OF THE C.L. OF MAGNOLIA AVE. 52.0' N.E. OF THE C.L. OF TYLER ST. ELEVATION = 742.243'

CLARIFIED CONST. NOTES
 1. RELOCATED PROPOSED STREET TREES
 2. ADDED STREET TREES (AS PER 721 OR *122)
 DESIGNED BY: L.M. DRAWN BY: A.S. CHECKED BY: J.S.

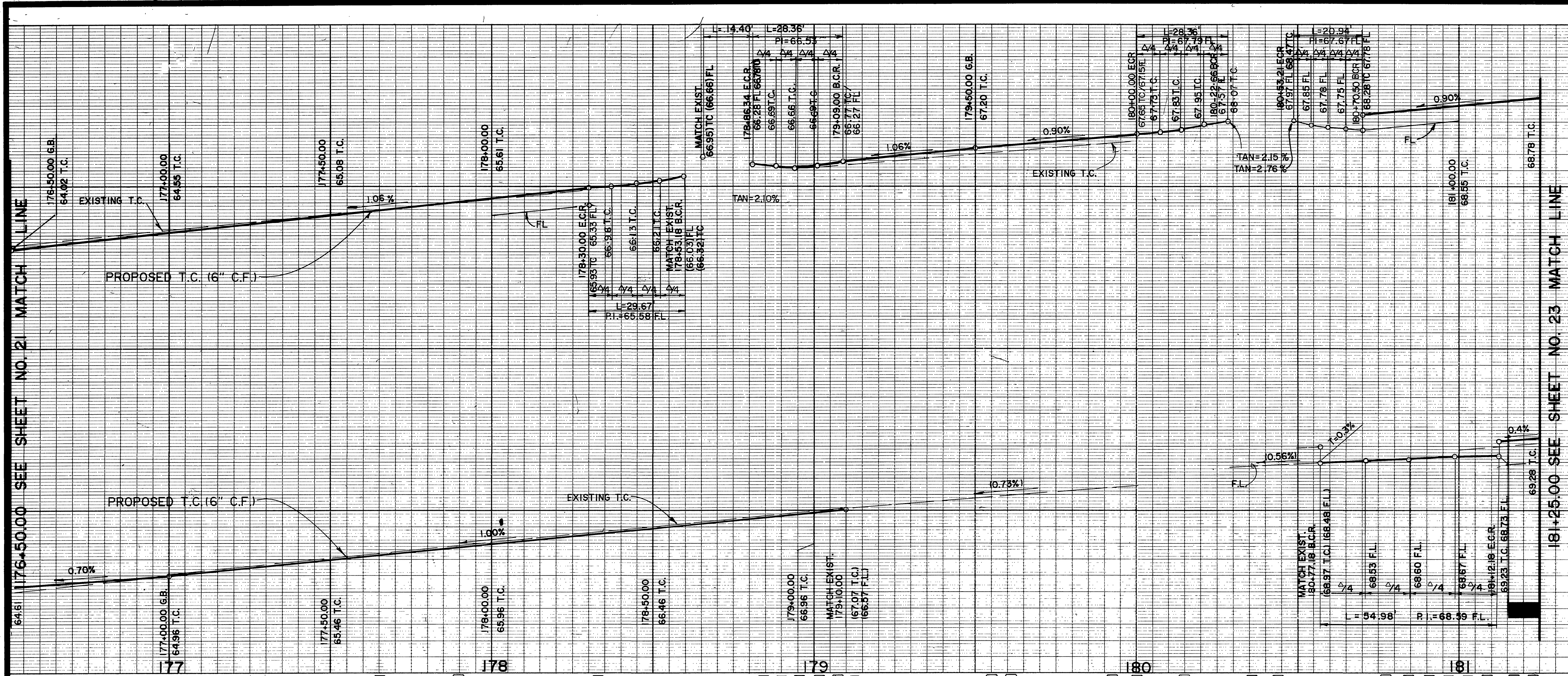
CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS
 APPROVED BY: [Signature] DATE: 12/20/90
 PRINCIPAL ENGINEER
 PAWK DEPARTMENT
 TRAFFIC DIVISION
 CHIEF P.W. ENGR.

TYLER MALL EXPANSION CFD 90-2 IMPROVEMENTS STREET IMPROVEMENT PLAN
MAGNOLIA AVE.
 STA. 170+75.00 TO STA. 176+50.00
 PROJECT NO. R-3194
 SHEET 21 OF 35
 FILE NO. 8911175
 HORIZ. SCALE: 1" = 20' VERT. SCALE: 1" = 2'

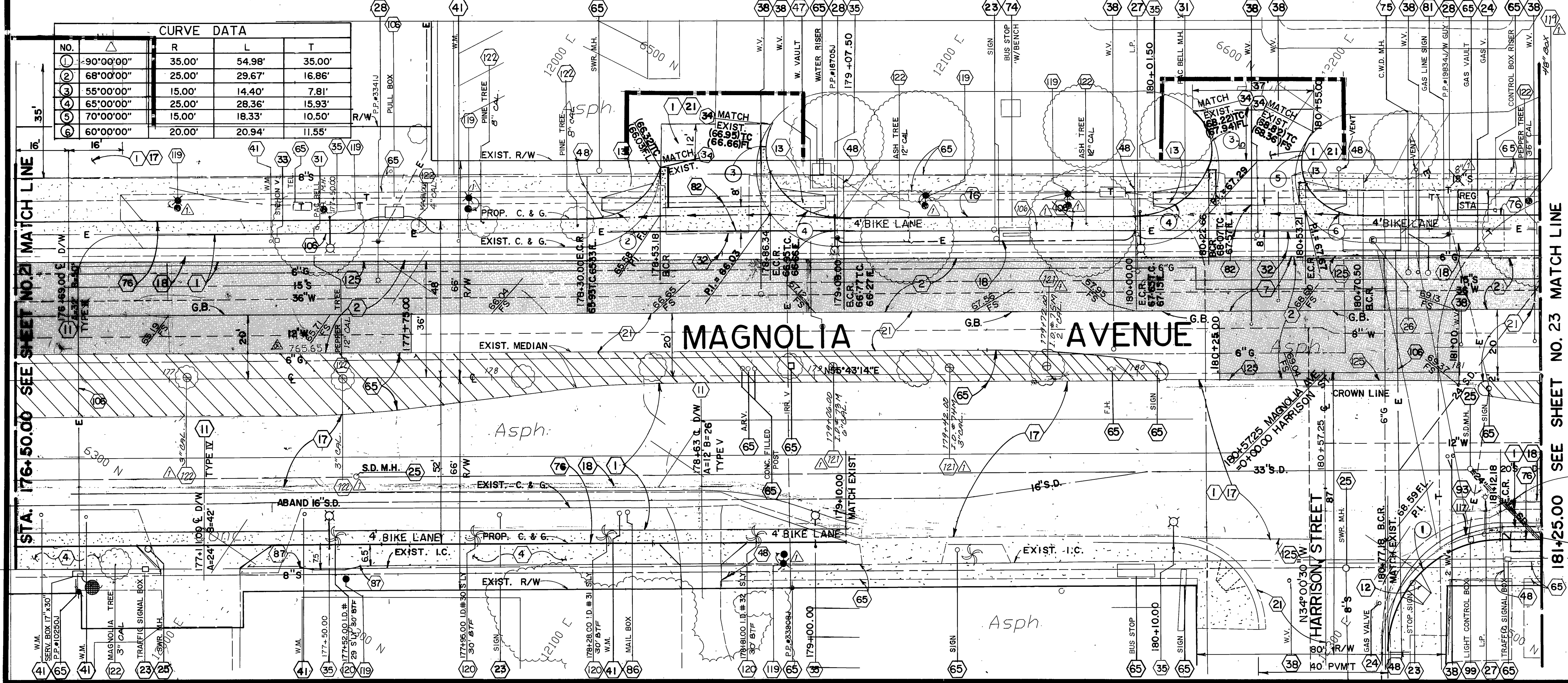
INDEXED 1-15-93

- 764

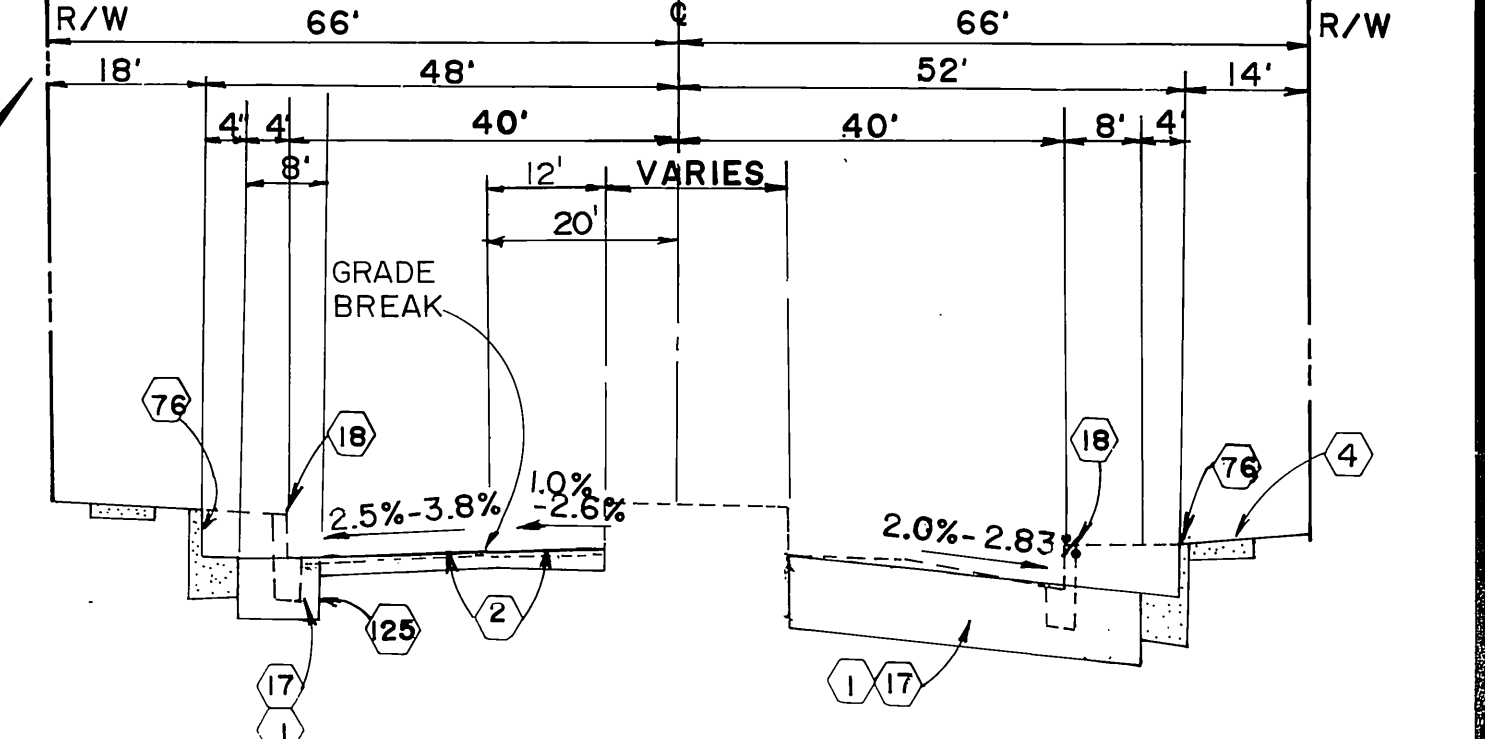
- 764



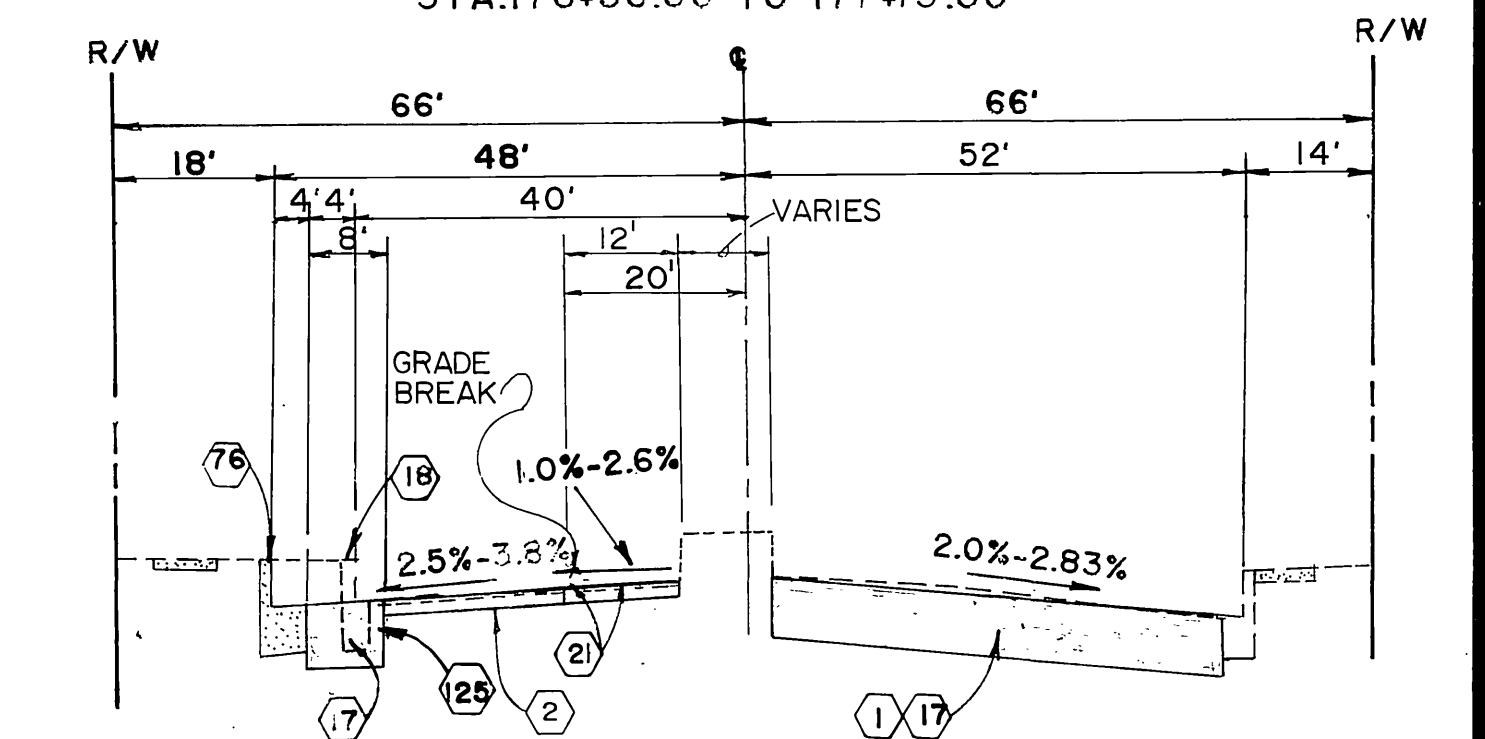
PROFILE SCALE
 HORIZ: 1"=20'
 VERT: 1"=2'



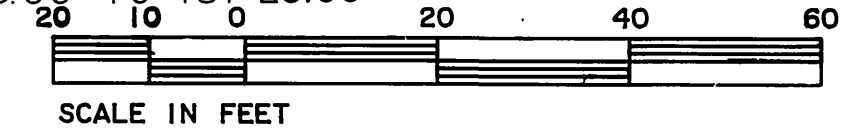
NO.	ANGLE	R	L	T
1	90°00'00"	35.00'	54.98'	35.00'
2	68°00'00"	25.00'	29.67'	16.86'
3	55°00'00"	15.00'	14.40'	7.81'
4	65°00'00"	25.00'	28.36'	15.93'
5	70°00'00"	15.00'	18.33'	10.50'
6	60°00'00"	20.00'	20.94'	11.55'



MAGNOLIA AVE
 N.T.S.
 STA. 176+50.00 TO 177+75.00



MAGNOLIA AVE
 N.T.S.
 STA. 177+75.00 TO 180+25.00



Underground Service Alert
 Call: TOLL FREE
1-800-422-4133
 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

EXP 12/31/90

PREPARED UNDER THE DIRECTION OF:
Davidson
 REGISTERED CIVIL ENGINEER NO. 40212
 EXPIRATION DATE: 12/31/90 DATE: 10/29/90
 CITY OF RIVERSIDE WATER DEPT.
 REVIEWED BY: *A.J. Spald* DATE: 12/18/90

J.F. Davidson Associates, Inc.
 ENGINEERING PLANNING SURVEYING ARCHITECTURE LANDSCAPE ARCHITECTURE
 3880 Lemon Street, Suite 300 P.O. Box 493 Riverside, CA 92506
 11200 S. Mt. Vernon Ave., Suite 107 Colton, CA 92324
 73-080 El Paseo, Suite 106 Palm Desert, CA 92260
 (714) 688-0844 (714) 825-1082 (919) 346-9699 FAX 619-340-0529

SCALE: 1"=20'
 DATE: JULY 1990
 BENCH MARK: BRONZE DISK IN CONCRETE POST, STAMPED 601-26-68 AT THE BACK OF THE S.W., 65' S.E. OF THE C.L. OF MAGNOLIA AVE. 52.0' N.E. OF THE C.L. OF TYLER ST. ELEVATION = 742.243'

ADDED STREET TREES (4" BOX FROM SHT. 23)
 CHANGED SIZE OF SEWER
 CHANGED CONST. NOTE
 RELOCATED PROPOSED STREET TREES
 ADDED STREET TREE NOTE # 121 OK #122

DESIGNED BY: L.M. DRAWN BY: A.S. CHECKED BY: J.S.

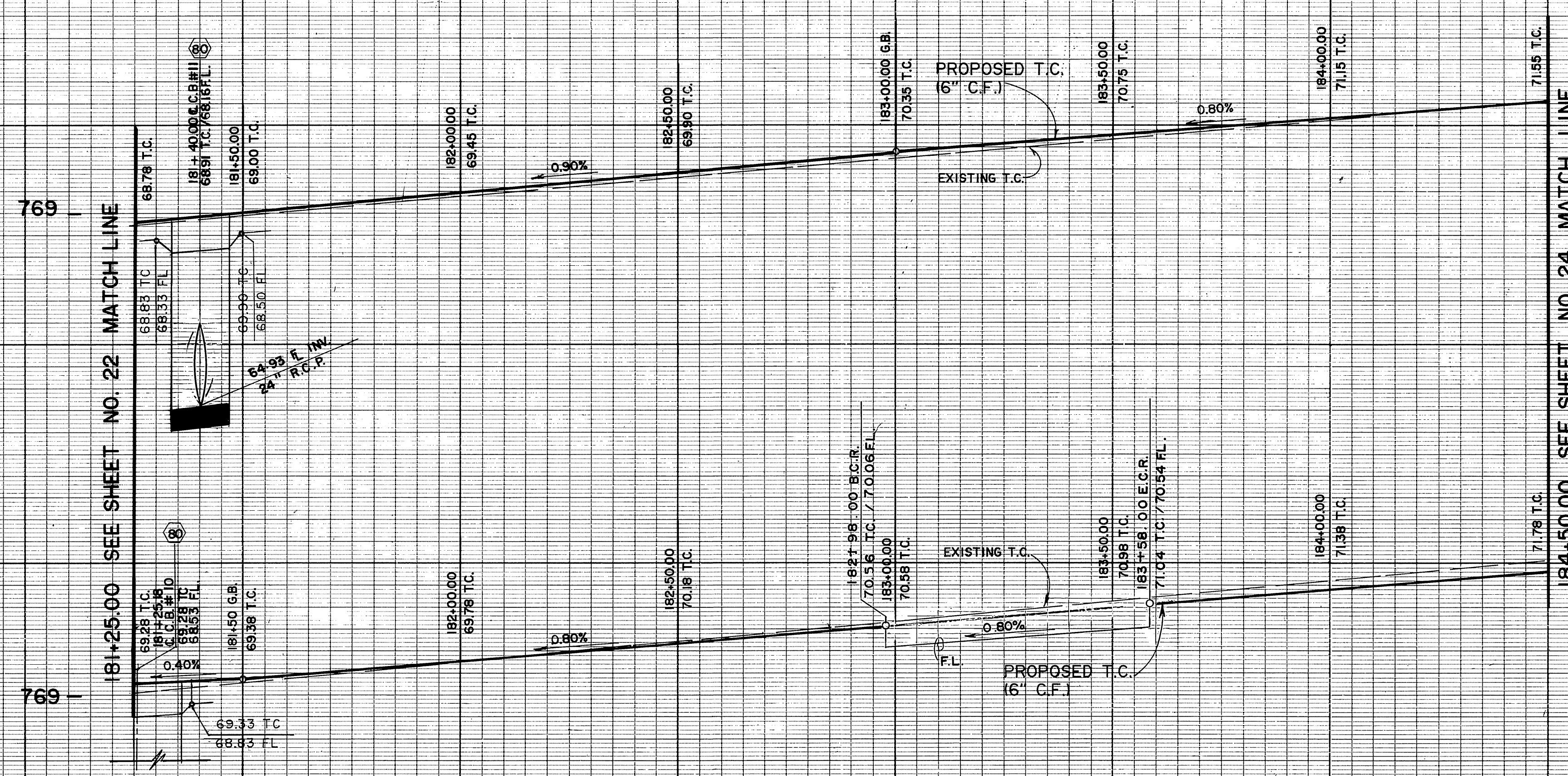
CITY OF RIVERSIDE, CALIFORNIA
 DEPARTMENT OF PUBLIC WORKS

APPROVED BY: *Ray Keel* DATE: 12/20/90
 PRINCIPAL ENGINEER
 PARK DEPARTMENT
 TRAFFIC DIVISION
 CHIEF P.W. ENGR. *M.H.L.* DATE: 12/20/90

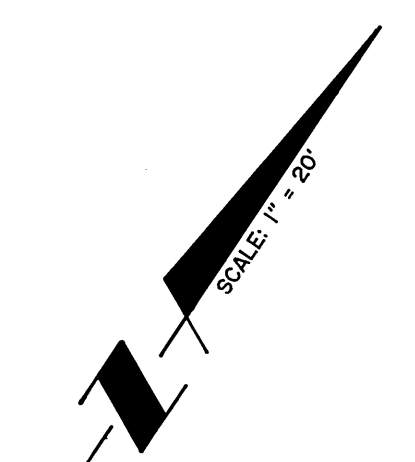
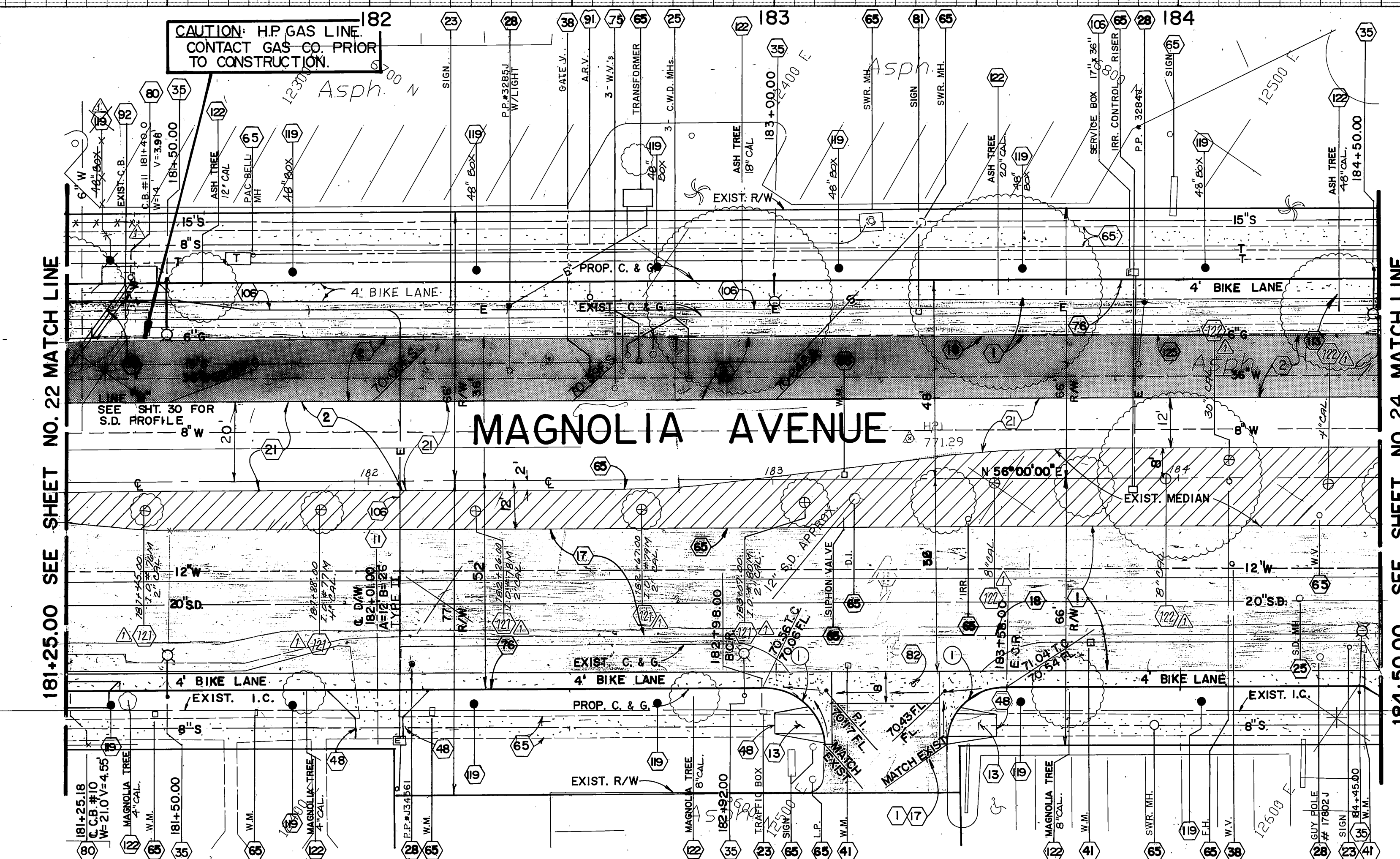
TYLER MALL EXPANSION
 C.F.D.-90-2 IMPROVEMENTS
 STREET IMPROVEMENT PLAN
MAGNOLIA AVE.
 STA. 176+50.00 TO STA. 182+25.00

PROJECT NO. R-3194
 SHEET 22 OF 35
 FILE NO. 8911175
 HORIZ. SCALE: 1"=20' VERT. SCALE: 1"=2'

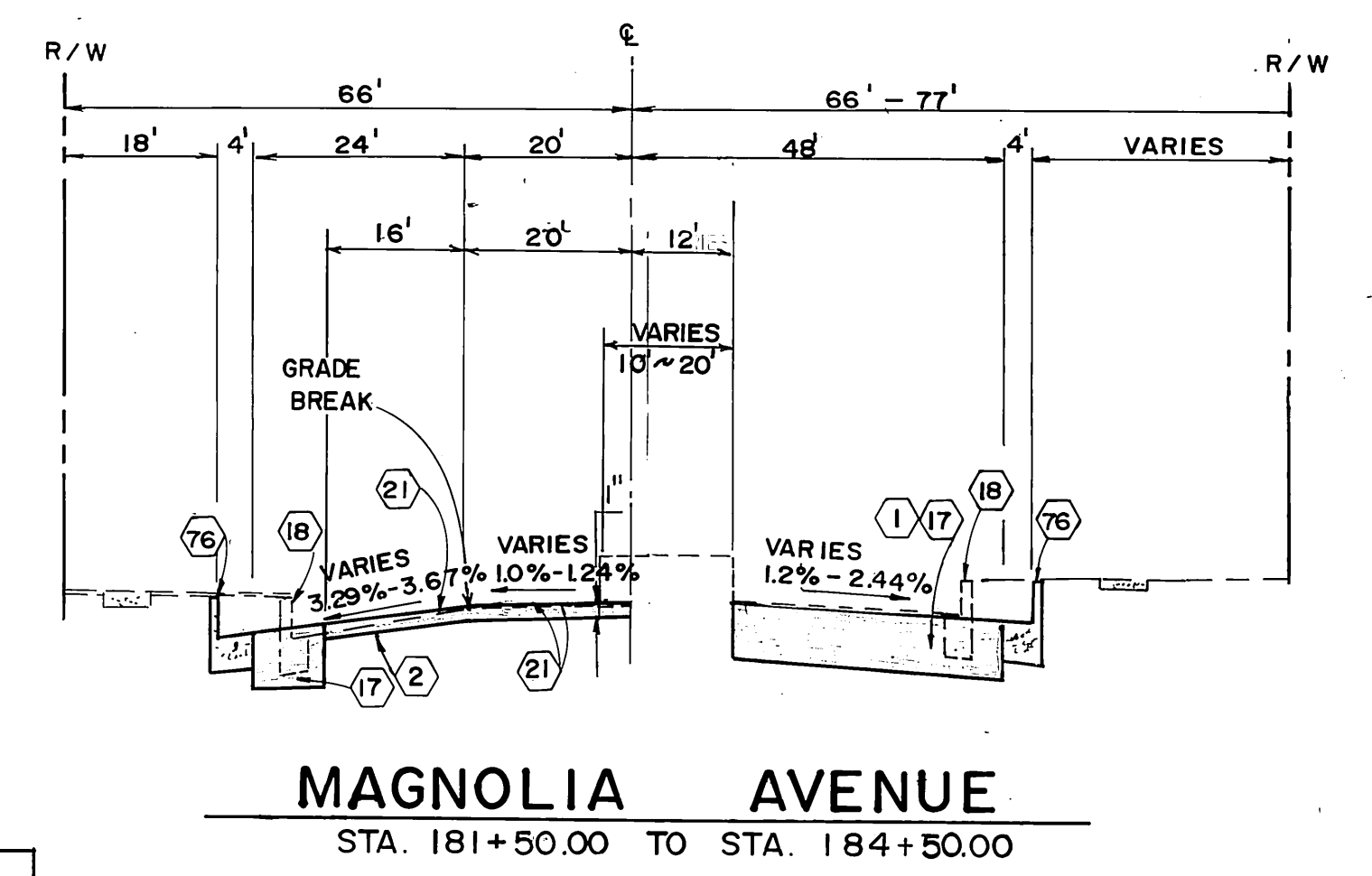
INDEXED 1-15-93 4H



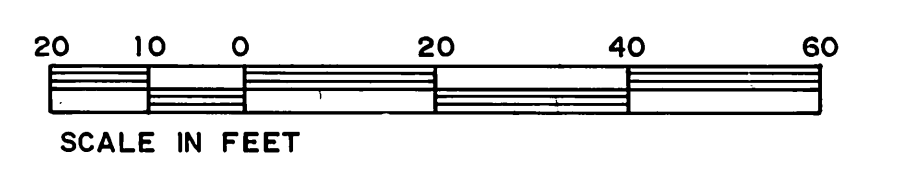
PROFILE SCALE
 HORIZ. 1" = 20'
 VERT. 1" = 2'



CURVE DATA			
NO	Δ	R	T
1	90°00'00"	14.00'	21.99'



MAGNOLIA AVENUE
 STA. 181+50.00 TO STA. 184+50.00



Underground Service Alert
 Call: TOLL FREE
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 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 Osuna
 REGISTERED CIVIL ENGINEER NO. 46212
 EXPIRATION DATE: 12/31/90 DATE: 10/29/90
 CITY OF RIVERSIDE WATER DEPT.
 REVIEWED BY: *A.J. Syed* DATE: 12/19/90

J.F. Davidson Associates, Inc.
 ENGINEERING PLANNING SURVEYING ARCHITECTURE LANDSCAPE ARCHITECTURE
 3800 Lemon Street, Suite 300 P.O. Box 493 Riverside, CA 92502 (714) 680-0844 FAX 714-686-5954
 11200 S. Mt. Vernon Ave., Suite 107 Colton, CA 92324 (714) 825-1082
 73-080 El Paseo, Suite 108 Palm Desert, CA 92260 (619) 346-6699 FAX 619-340-0529

SCALE: 1" = 20'
 DATE: JULY 1990

BENCH MARK:
 BRONZE DISK IN CONCRETE POST, STAMPED 601-26-68 AT THE BACK OF THE S.W. 68.2' SE. OF THE C.L. OF MAGNOLIA AVE. 52.0' N.E. OF THE C.L. OF TYLER ST. ELEVATION = 742.243'

DESIGNED BY: L.M. DRAWN BY: A.S. CHECKED BY: J.S. KANEY

RELOCATED FROM ST. TREE TO SHIT #22
 CORRECT LOCATION OF EXIST. 15" SEWER
 AROUND STREET TREE #1078 #121 AND #122

MARK REVISIONS APPR. DATE

CITY OF RIVERSIDE, CALIFORNIA
 DEPARTMENT OF PUBLIC WORKS

APPROVED BY: *Barry Paul* DIRECTOR OF PUBLIC WORKS
 DATE: 12/20/90

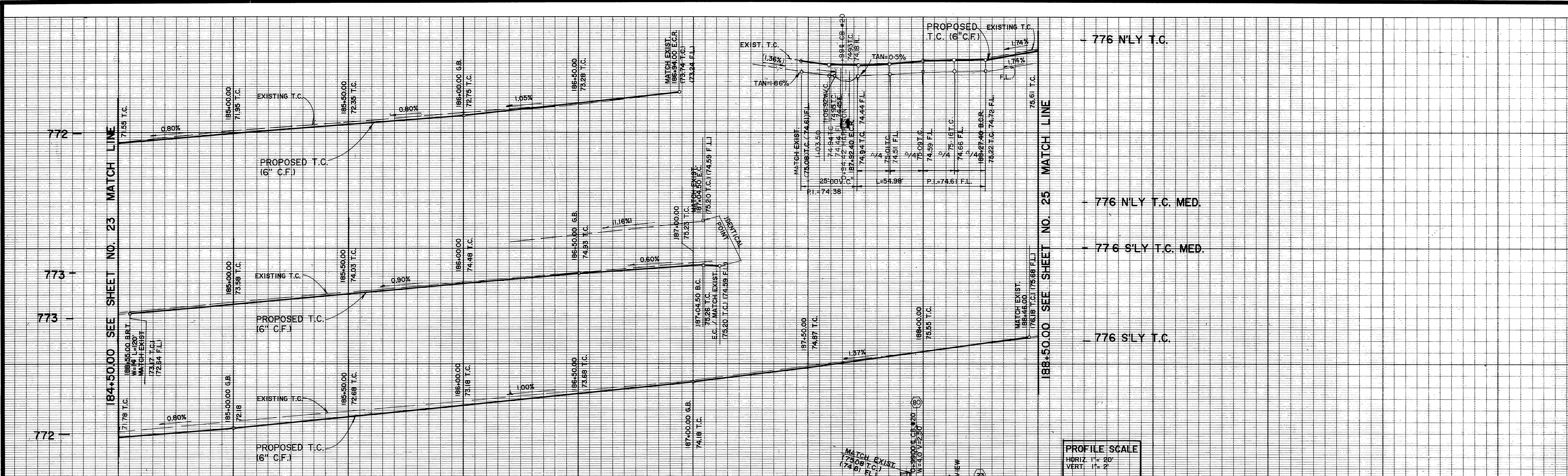
TYLER MALL EXPANSION
 C F D 90-2 IMPROVEMENTS
 STREET IMPROVEMENT PLAN
MAGNOLIA AVE.
 STA. 181+25.00 TO STA. 184+50.00

PROJECT NO. R-3194
 SHEET 23 OF 35
 FILE NO.: 8911175

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

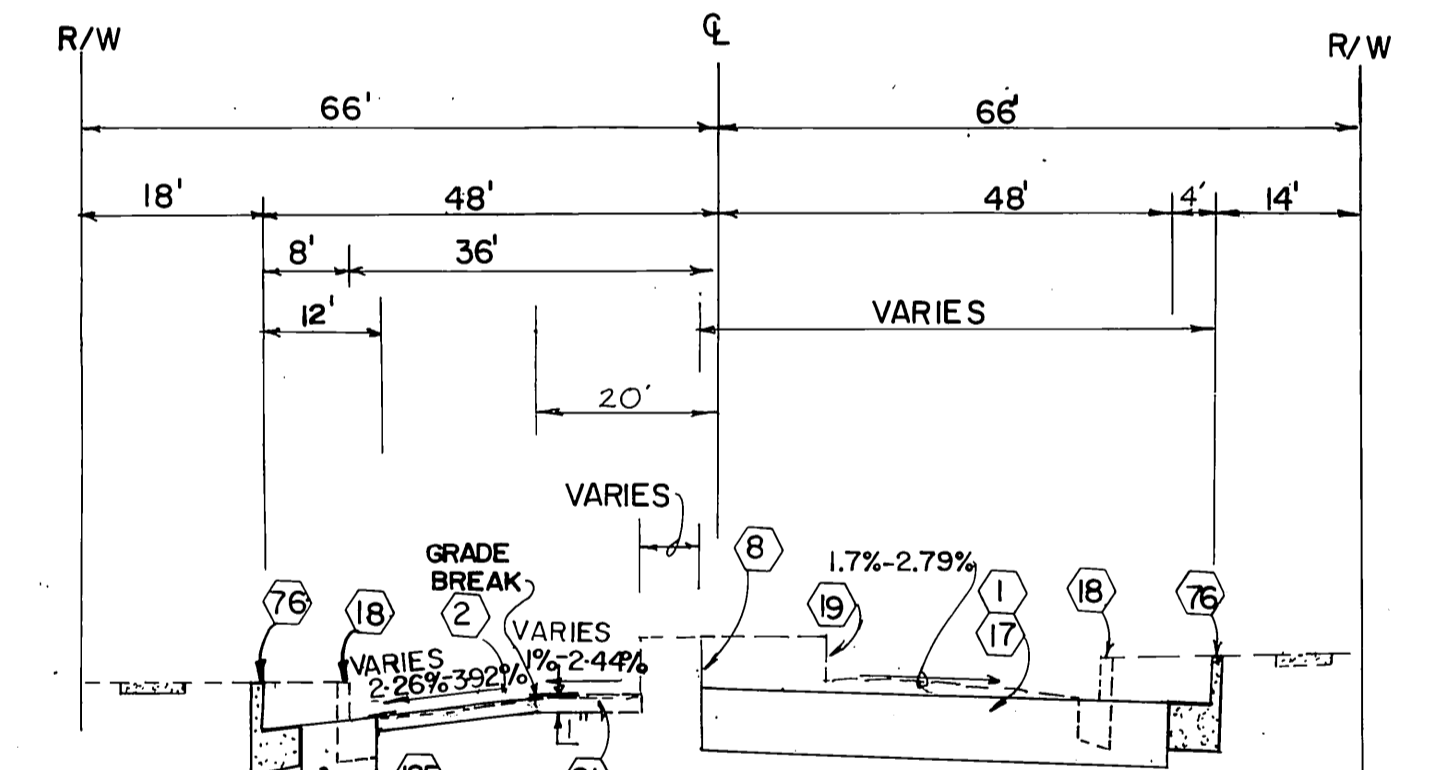
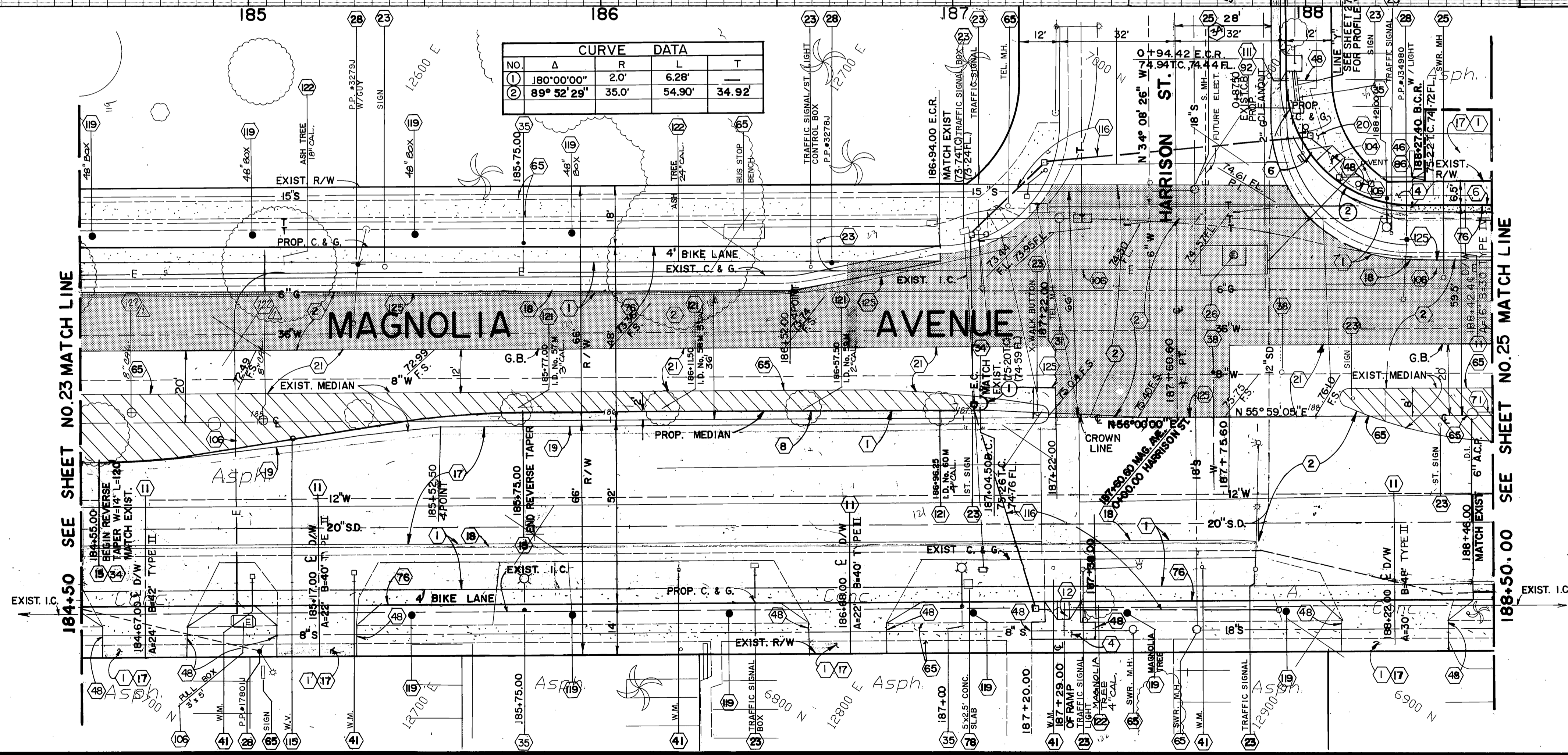
INDEXED 1-15-93 FH

PS 2794 SEP

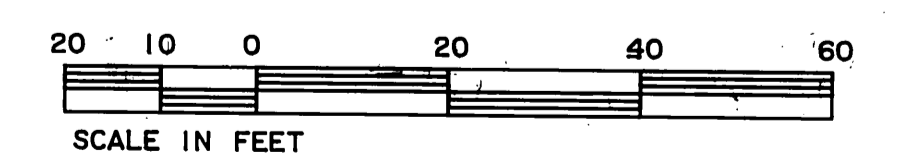


PROFILE SCALE
HORIZ. 1" = 20'
VERT. 1" = 2'

NO.	Δ	L	P	T
23	180°00'00"	2.0'	6.28'	
28	89°52'29"	35.0'	54.90'	34.92'



MAGNOLIA AVE
STA. 184+50.00 TO STA. 187+00.00
STA. 188+00.00 TO STA. 188+50.00



Underground Service Alert
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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 INDUSTRY 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:
[Signature]
REGISTERED CIVIL ENGINEER NO. 46212
EXPIRATION DATE: 12/31/90 DATE: 10/24/90
CITY OF RIVERSIDE WATER DEPT.
REVIEWED BY: *[Signature]* DATE: 11/18/90

J.F. Davidson Associates, Inc.
ENGINEERING PLANNING SURVEYING ARCHITECTURE LANDSCAPE ARCHITECTURE
3880 Lemon Street, Suite 300 P.O. Box 493 Riverside, CA 92502 (714) 688-8564 FAX 714-688-5954
11200 S. ML Yermolen Ave. Suite "D" Colton, CA 92524 (714) 925-1082
73080 El Paseo, Suite 106 Palm Desert, CA 92260 (619) 346-6661 FAX 619-340-0529
SCALE: 1" = 20'
DATE: JULY 1990
BENCH MARK: BRONZE DISK IN CONCRETE POST, STAMPED 601-26-68 AT THE BACK OF THE S.W. CORNER OF THE C.L. OF MAGNOLIA AVE. 50.0' N.E. OF THE C.L. OF TYLER ST. ELEVATION = 742.243'

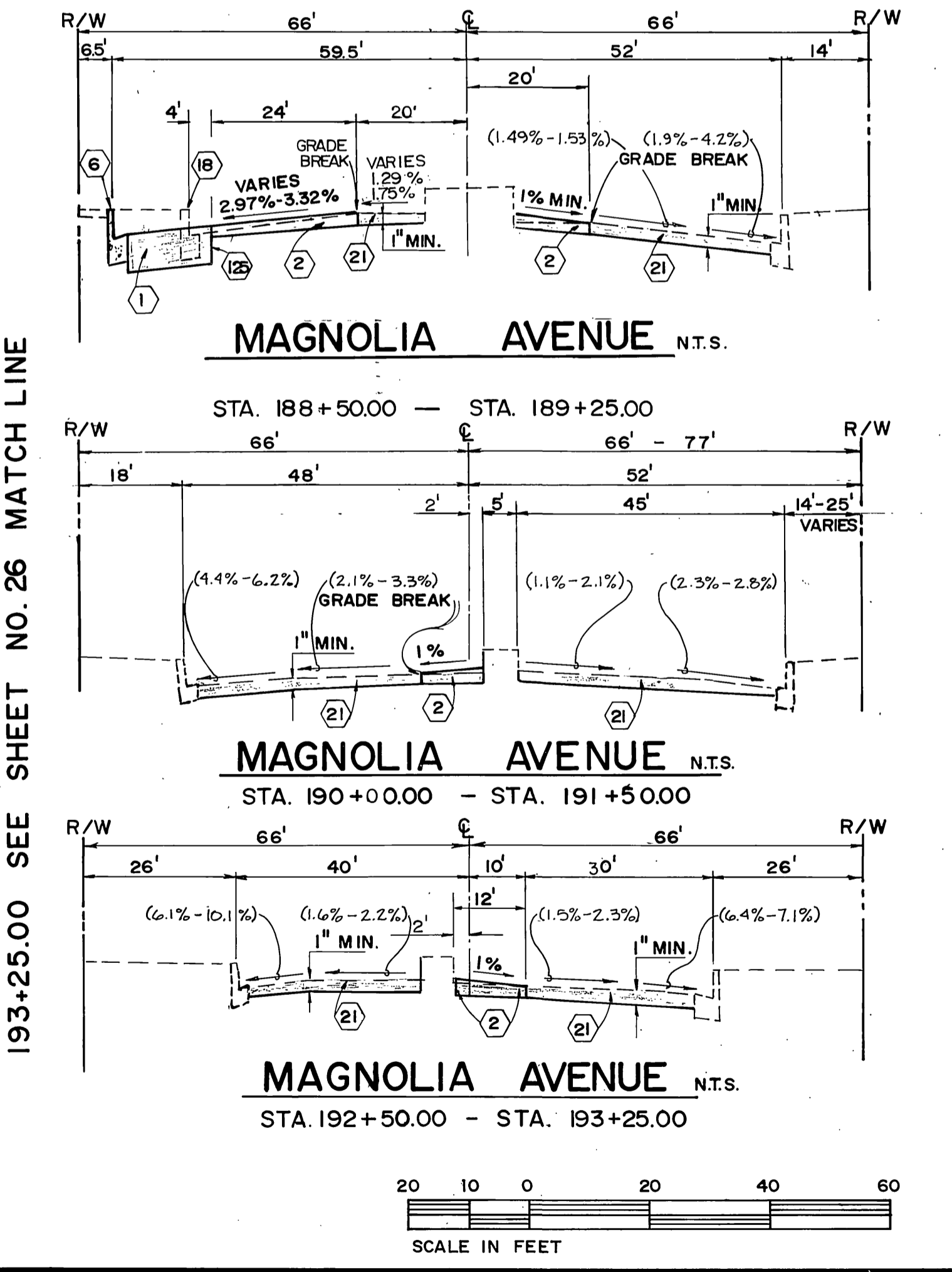
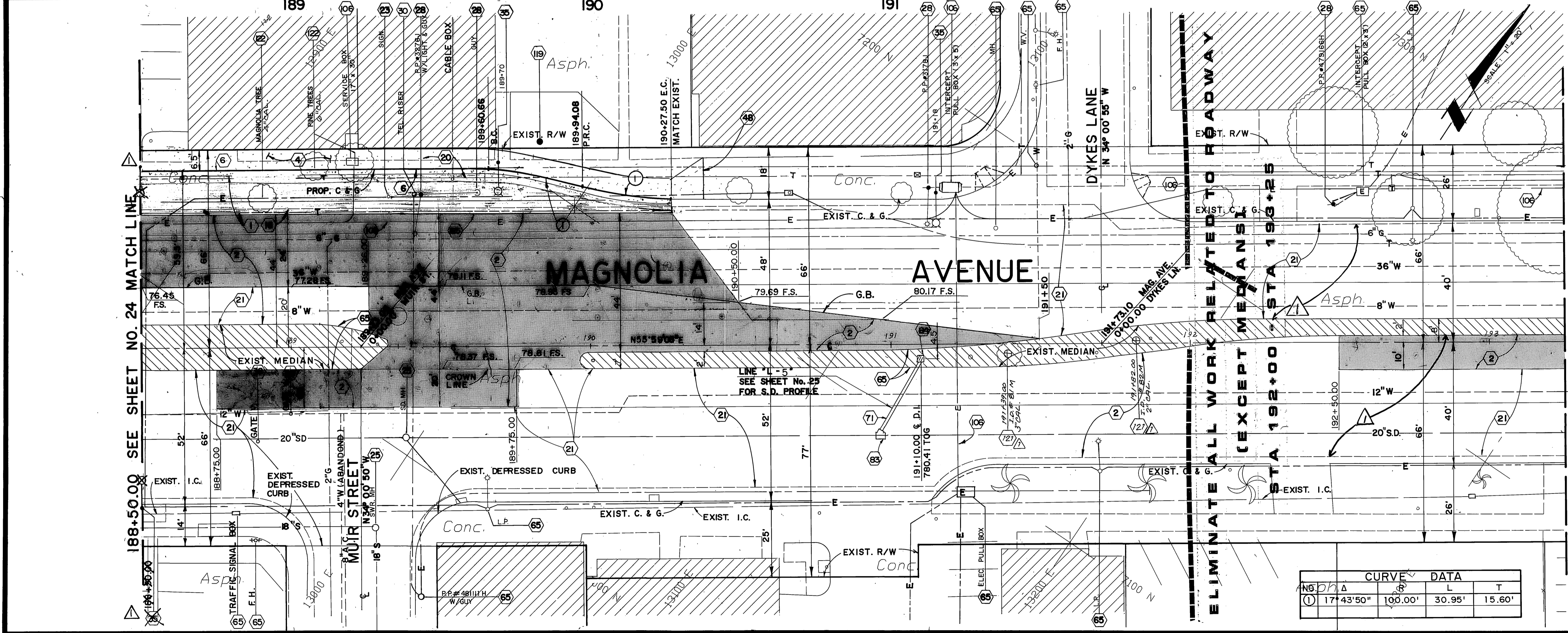
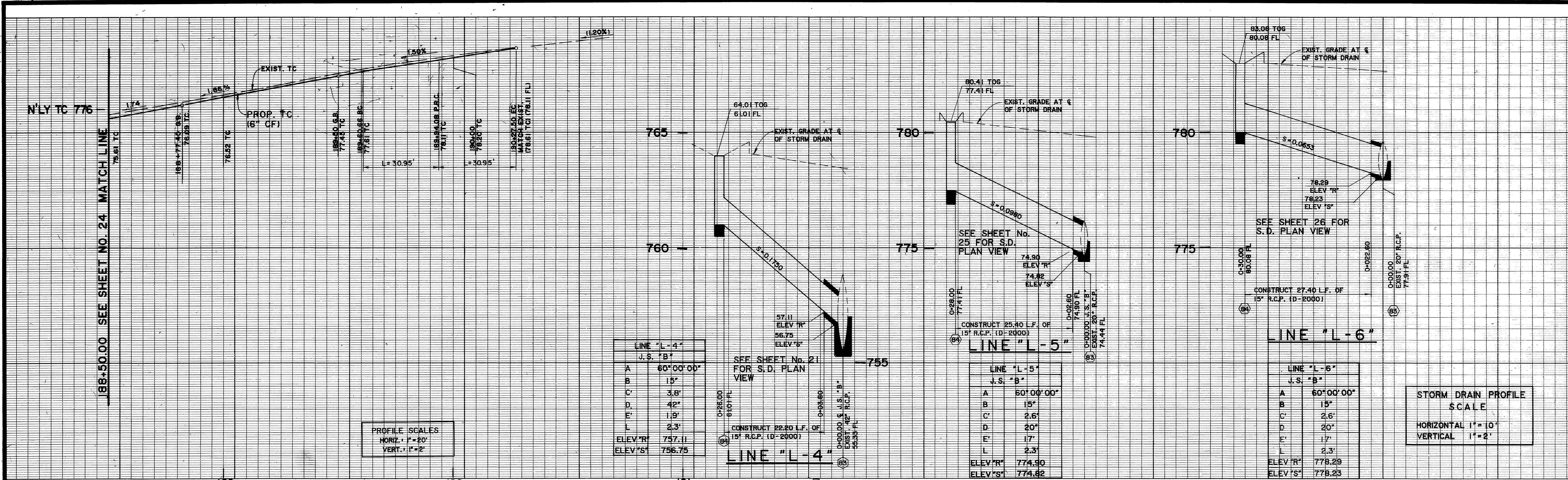
CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
APPROVED BY: *[Signature]* DATE: 11/17/91
PRINCIPAL ENGINEER
PARK DEPARTMENT
TRAFFIC DIVISION
CHIEF P.W. ENGR.
MARK: *[Signature]* DATE: 11/17/91
REVISIONS
DESIGNED BY: L.M. DRAWN BY: A.S. CHECKED BY: J.S.

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
APPROVED BY: *[Signature]* DATE: 12/20/90
DIRECTOR OF PUBLIC WORKS

PROJECT NO. R-3194
MAGNOLIA AVE.
STREET IMPROVEMENT PLAN
STA. 184+50.00 TO STA. 188+50.00
SHEET 24 OF 35
FILE NO: 8911175
HORIZ. SCALE: 1" = 20'
VERT. SCALE: 1" = 2'

INDEXED 1-15-93 LHM

PC 2/174 SEP



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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:
[Signature]
REGISTERED CIVIL ENGINEER NO. 46212
EXPIRATION DATE: 12/31/90 DATE: 10/29/90
CITY OF RIVERSIDE WATER DEPT.
REVIEWED BY: *[Signature]* DATE: 12/18/90

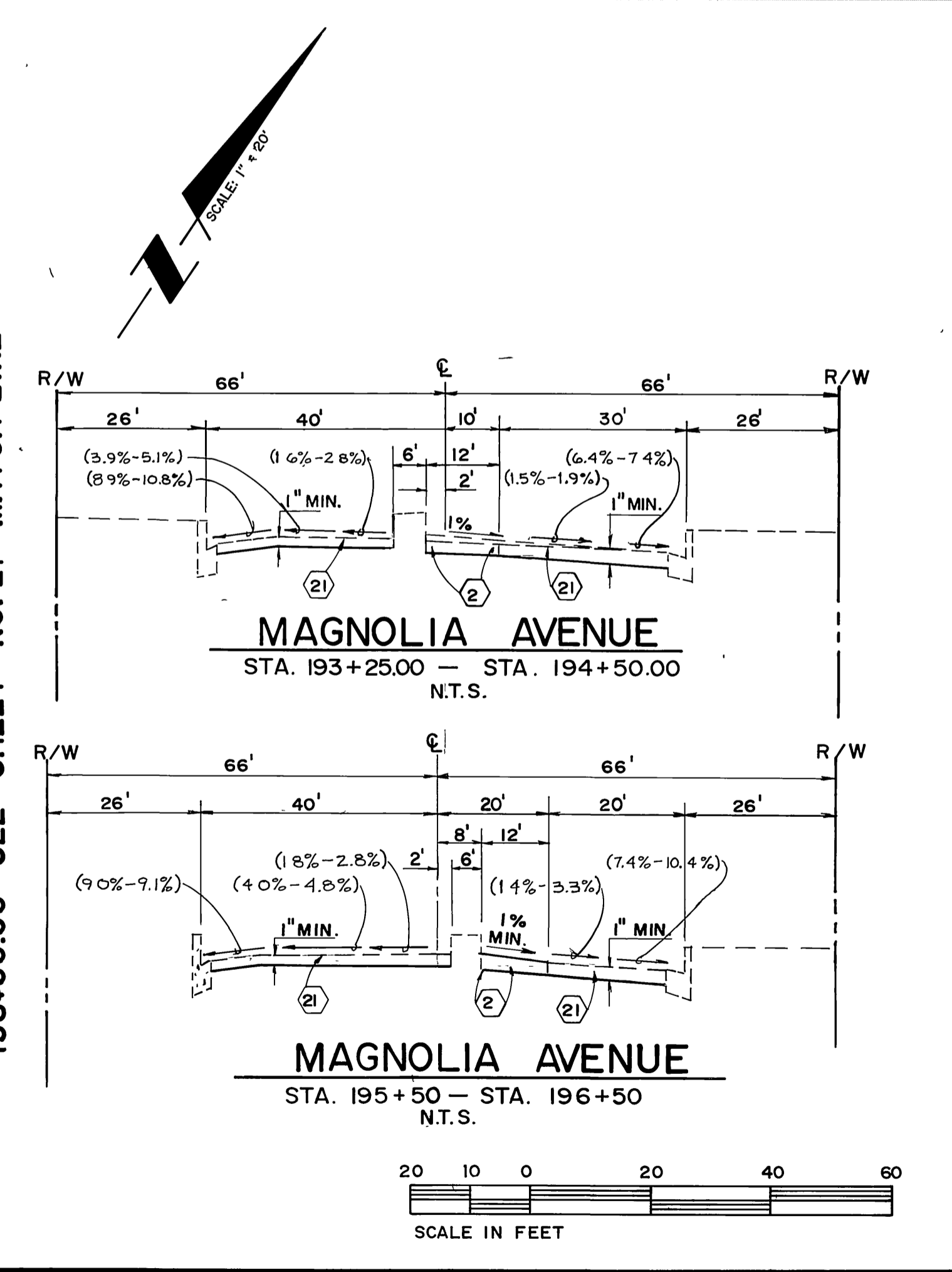
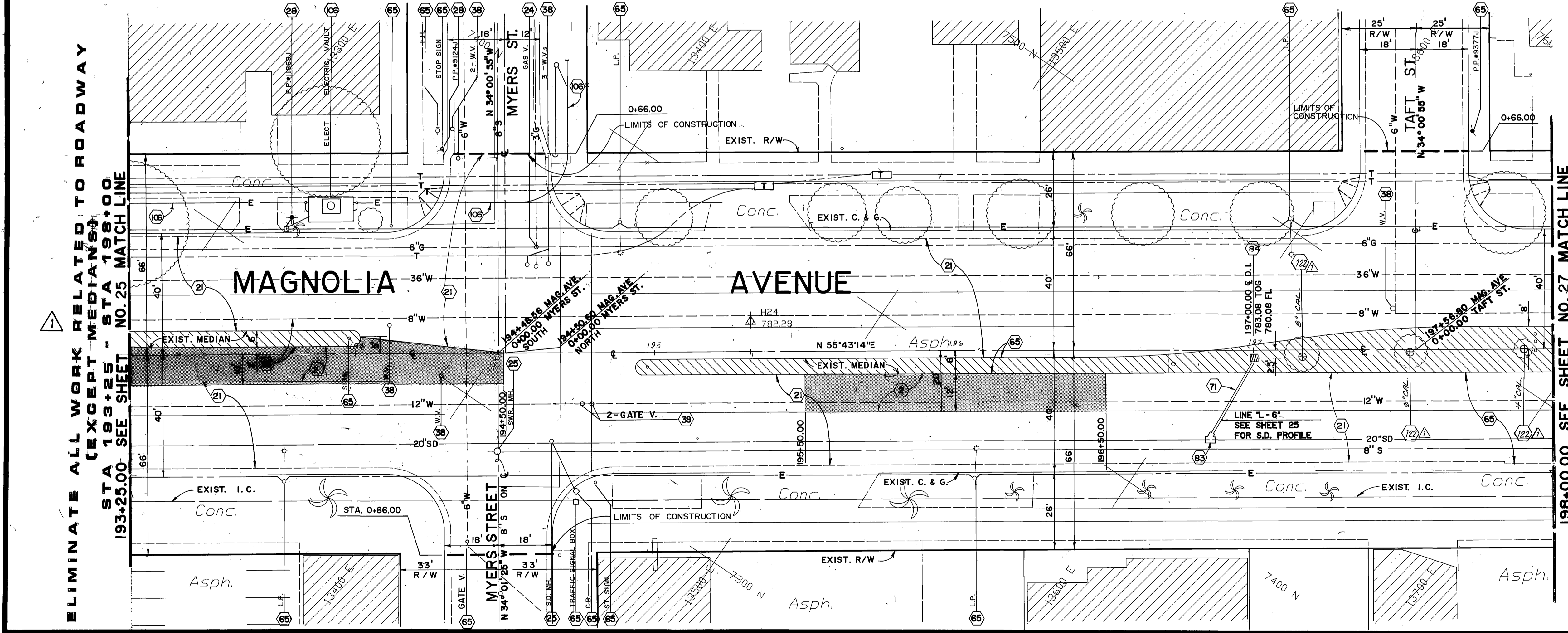
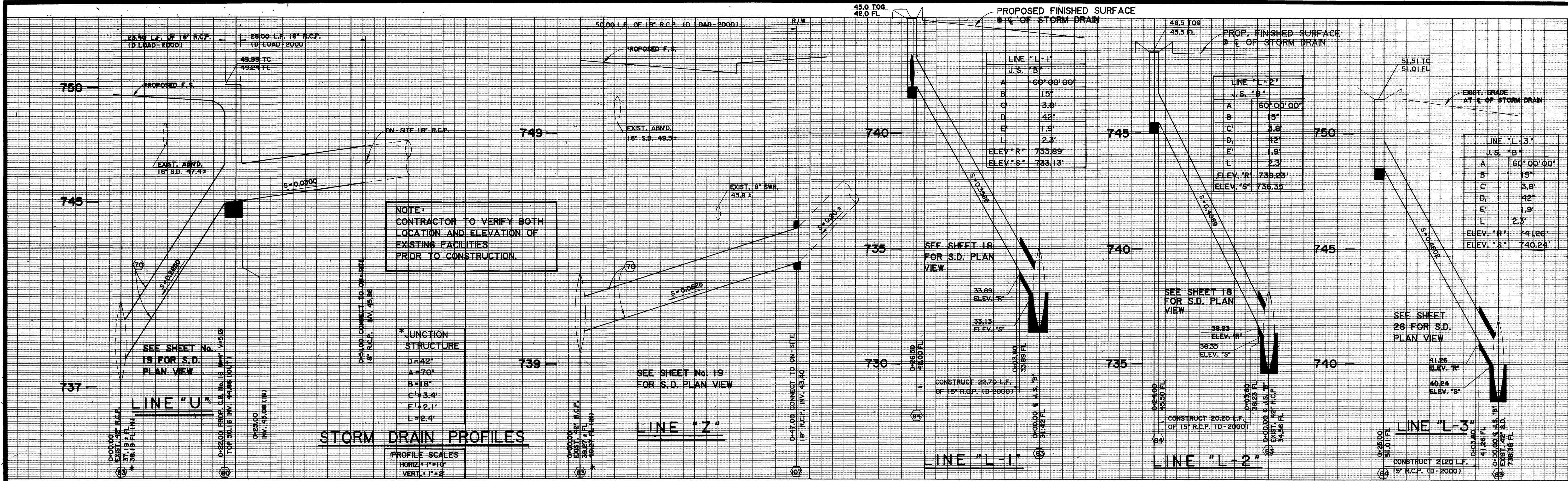
J.F. Davidson Associates, Inc.
ENGINEERING PLANNING SURVEYING ARCHITECTURE LANDSCAPE ARCHITECTURE
3880 Lemon Street, Suite 300 P.O. Box 493 Riverside, CA 92502 (714) 688-0544 FAX 714-688-5954
11200 S. Mt. Vernon Ave., Suite "D" Colton, CA 92524 (714) 825-1082
73-080 El Paseo, Suite 106 Palm Desert, CA 92260 (619) 346-6691 (714) 688-0544 FAX 619-340-0529

SCALE: 1"=20'
DATE: JULY 1990
BENCH MARK: BRONZE DISK IN CONCRETE POST, STAMPED 601-26-68 AT THE BACK OF THE SW. 85.5' S.E. OF THE C.O. OF MAGNOLIA AVE. 52.0' N.E. OF THE C.O. OF TYLER ST. ELEVATION = 742.243

DESIGNED BY: L.M. DRAWN BY: AS CHECKED BY: JS
REVISIONS: 1. ELIMINATED ST. LIGHTS @ 193+25 (N.T.S.) 2. ADDED STREET TREE NOTE #121

CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS
APPROVED BY: *[Signature]* DATE: 12/20/90
PRINCIPAL ENGINEER
PARK DEPARTMENT
TRAFFIC DIVISION
CHIEF P.W. ENGR.

TYLER MALL EXPANSION CFD 90-2 IMPROVEMENTS STREET IMPROVEMENT PLAN
MAGNOLIA AVE.
STA. 188+50.00 TO STA. 193+25.00
HORIZ. SCALE: 1" = 20' VERT. SCALE: 1" = 2'
PROJECT NO. R-3194
SHEET 25 OF 35
FILE NO. 8911175
INDEXED 1-15-93 LHM



Underground Service Alert
Call TOLL FREE
1-800-422-4133
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

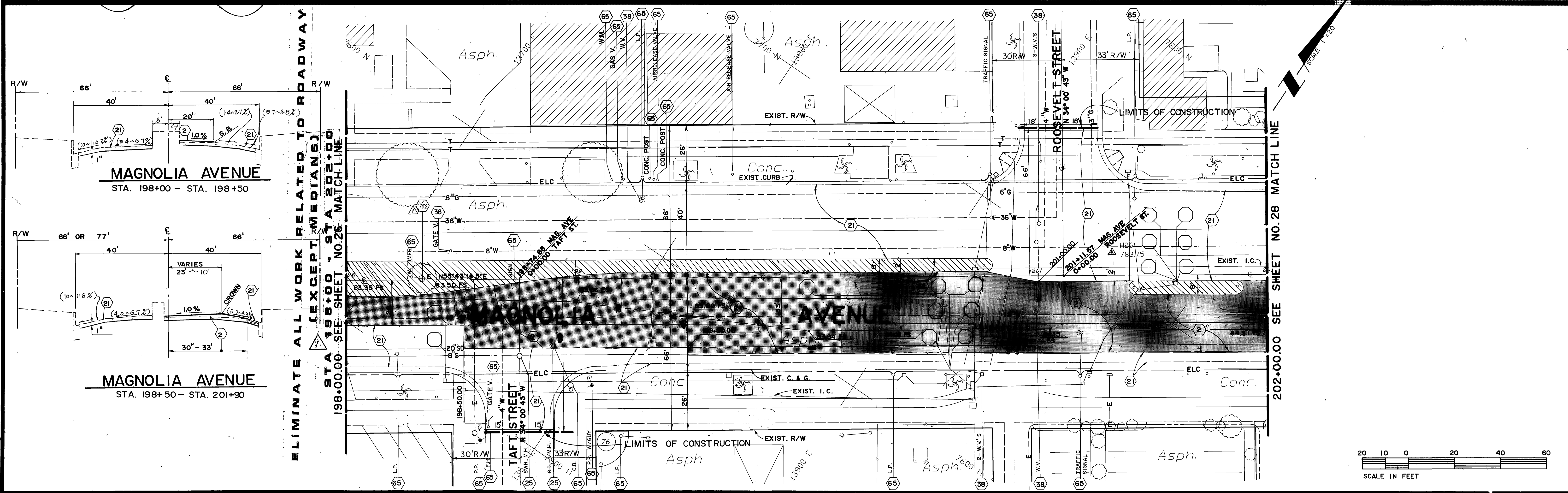
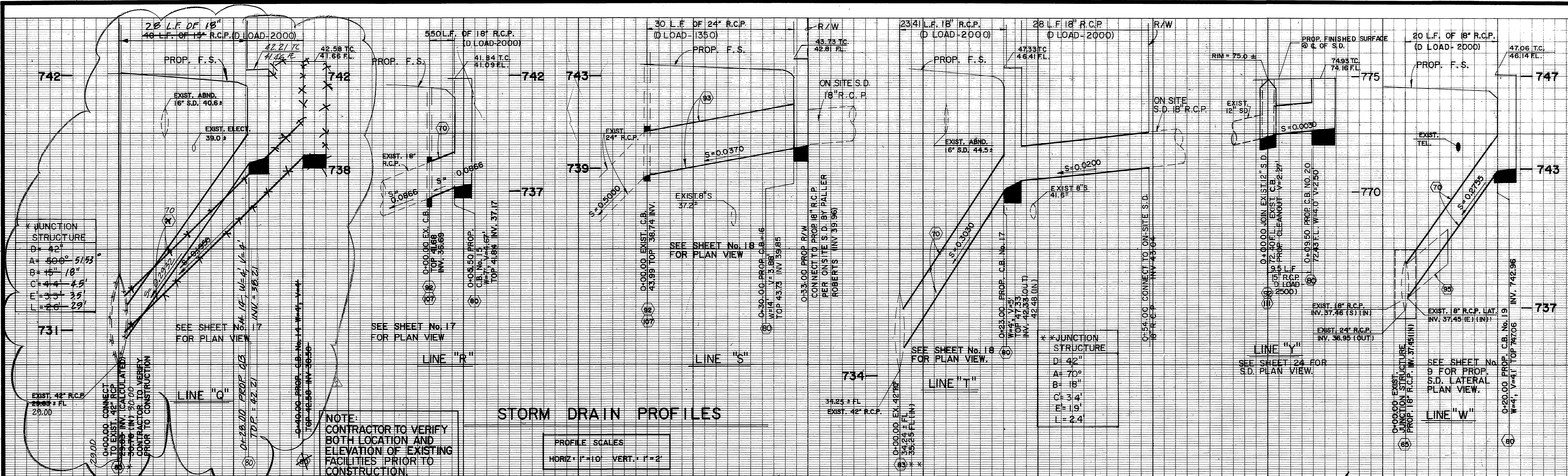
PREPARED UNDER THE DIRECTION OF:
J. F. Davidson
REGISTERED CIVIL ENGINEER No. 46212
EXPIRATION DATE: 12/31/10 DATE: 10/29/10
CITY OF RIVERSIDE WATER DEPT.
A. J. Sped 10/19/10
REVIEWED BY DATE

J.F. Davidson Associates, Inc.
ENGINEERING PLANNING SURVEYING ARCHITECTURE LANDSCAPE ARCHITECTURE
3880 Lemon Street, Suite 300 P.O. Box 493 Riverside, CA 92502 (714) 686-0844 FAX 714-686-5854
11200 S. Mt. Vernon Ave., Suite "D" Colton, CA 92324 (714) 825-1082
73-080 El Paseo, Suite 106 Palm Desert, CA 92260 (619) 346-6691 FAX 619-340-0559
SCALE: 1" = 20'
BENCH MARK: BROWN DISK IN CONCRETE POST, STAMPED 601-26-68 AT THE BACK OF THE S.W. 65.5' SE. OF THE C.L. OF MAGNOLIA AVE. 52.0' N.E. OF THE C.L. OF TYLER ST. ELEVATION = 742.243'
DATE: JULY 1990

DESIGNED BY: L.M. DRAWN BY: POOL CHECKED BY: J.S.
REVISIONS:
1. ELIMINATED ROADWAY WORK (EXCEPT MEDIANS) STA 193+25 - STA 198+00
2. ADDED STREET TREE NOTE # 122
APPROVED BY: [Signature] DATE: 11/19/10
APPR. DATE: 11/19/10
MARK: [Signature]

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
APPROVED BY: [Signature] DATE: 12/20/10
PRINCIPAL ENGINEER
PARK DEPARTMENT
TRAFFIC DIVISION
CHIEF P.W. ENGR.

TYLER MALL EXPANSION
CFD # 90-2 IMPROVEMENTS
STREET IMPROVEMENT PLAN
MAGNOLIA AVE.
STA. 193+25.00 TO STA. 198+00.00
HORIZ SCALE 1" = 20' VERT SCALE 1" = 2'
PROJECT NO. R-3194
SHEET 26 OF 35
FILE NO. 8911175



Underground Service Alert

Call: TOLL FREE
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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:

REGISTERED CIVIL ENGINEER NO. 46212
EXPIRATION DATE 12/31/90 DATE: 10/24/90

CITY OF RIVERSIDE WATER DEPT.

REVIEWED BY: A.J. Syed DATE: 12/19/90

J.F. Davidson Associates, Inc.
ENGINEERING PLANNING SURVEYING ARCHITECTURE LANDSCAPE ARCHITECTURE

3880 Lorton Street, Suite 300 P.O. Box 493 Riverside, CA 92502 (714) 688-0344 FAX 714-688-5954

11200 S. Mt. Vernon Ave., Suite "D" Colton, CA 92324 (714) 825-1082

73-080 El Paseo, Suite 106 Palm Desert, CA 92260 (619) 348-5891 FAX 619-340-0559

SCALE: 1" = 20'
DATE: JULY 1990

BENCH MARK: BRONZE DISK IN CONCRETE POST, STAMPED 601-26-68 AT THE BACK OF THE S.W. 65.5' SE OF THE C.L. OF MAGNOLIA AVE. 52.0' N.E. OF THE C.L. OF TYLER ST. ELEVATION = 742.243'

DESIGNED BY: L.M. DRAWN BY: A.S. CHECKED BY: J.S.

REVISIONS:

APPROVED BY: [Signature] DATE: 12/20/90

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY: [Signature] DATE: 12/20/90

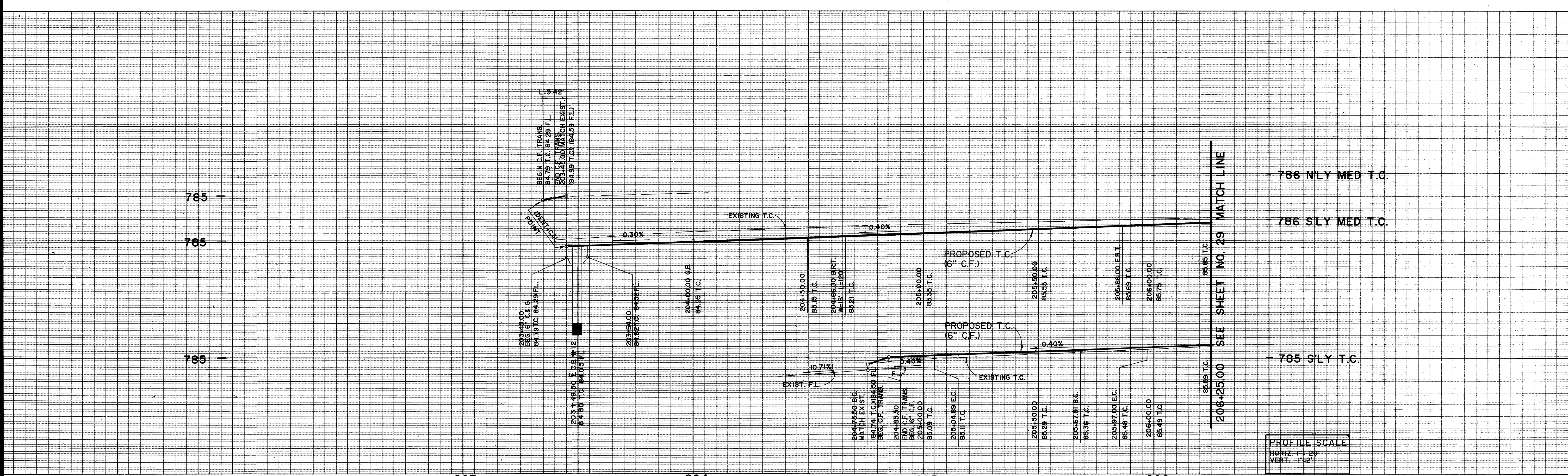
CHIEF P.W. ENGR.

TYLER MALL EXPANSION
CFD # 90-2 IMPROVEMENTS
STREET IMPROVEMENT PLAN

MAGNOLIA AVE.
STA. 198+00.00 TO STA. 202+00.00

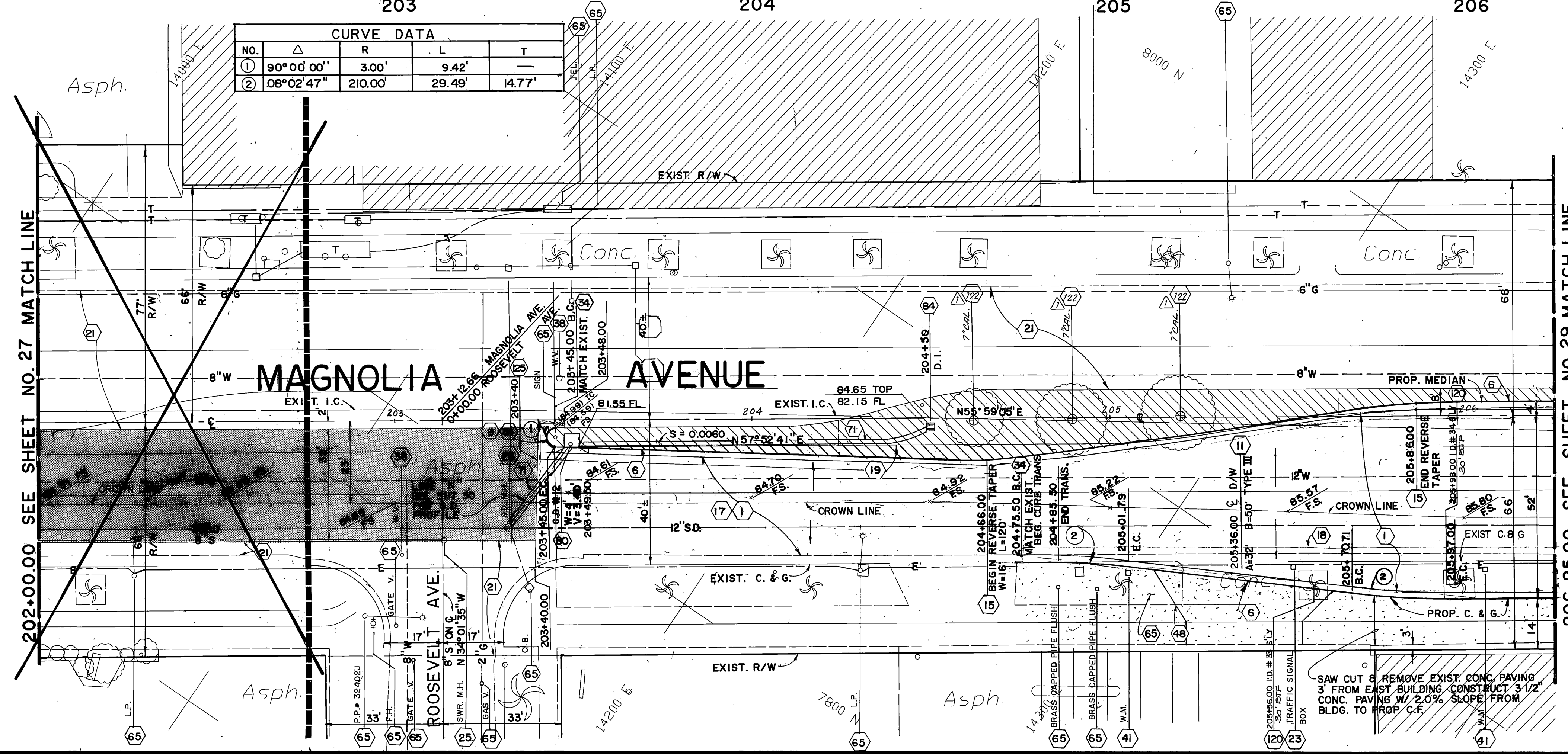
PROJECT NO. R-3194
SHEET 27 OF 35
FILE NO. 8911175

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

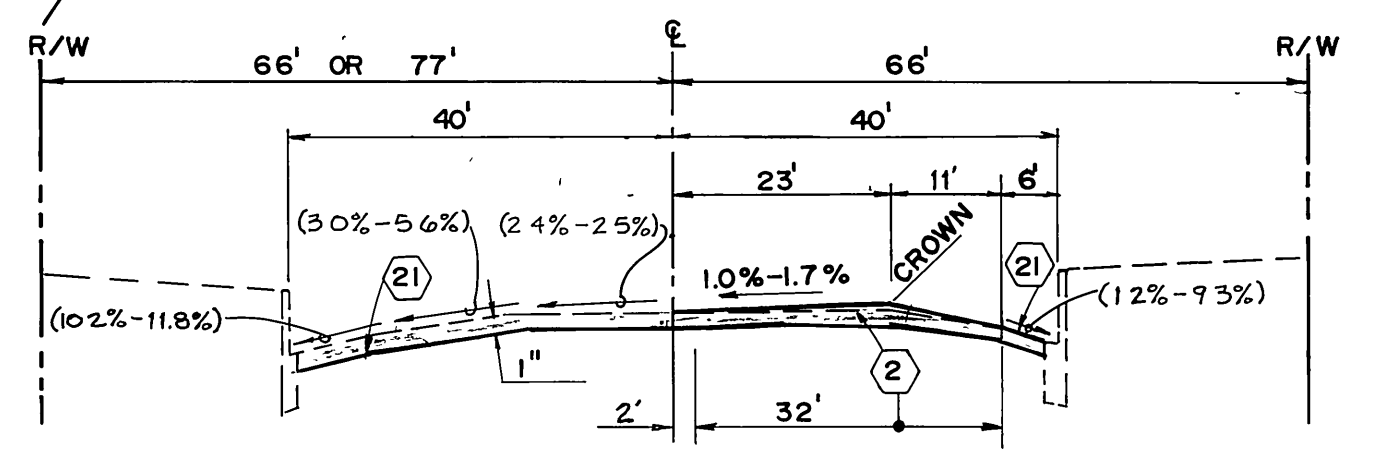


PROFILE SCALE
 HORIZ. 1" = 20'
 VERT. 1" = 2'

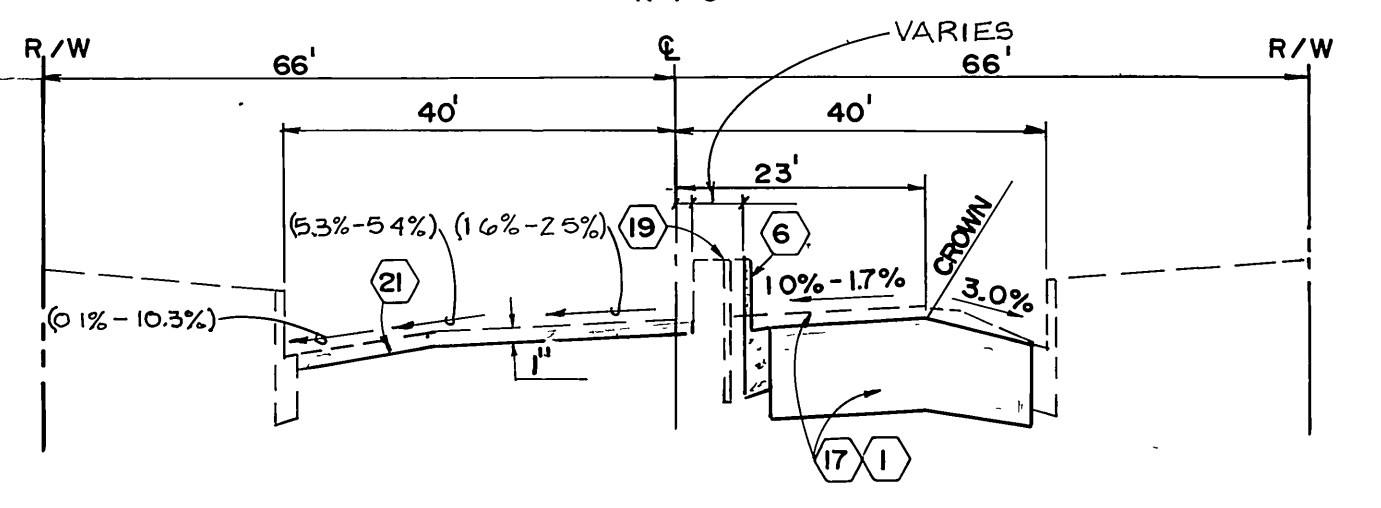
CURVE DATA			
NO.	Δ	R	T
①	90°00'00"	3.00'	9.42'
②	08°02'47"	210.00'	29.49'



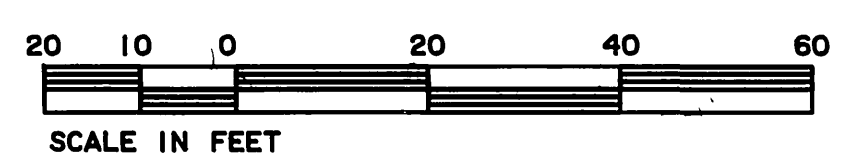
ELIMINATE ALL WORK RELATED TO ROADWAY
 (EXCEPT MEDIANS)
 STA 202+00 - STA 202+76



MAGNOLIA AVENUE
 STA 201+90 - STA. 203+40
 N.T.S.



MAGNOLIA AVENUE
 STA 203+45 - STA. 204+50
 N.T.S.



Underground Service Alert

Call: TOLL FREE
 1-800
 422-4133

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:
 [Signature]
 REGISTERED CIVIL ENGINEER NO. 46212
 EXPIRATION DATE: 12/31/90 DATE: 10/29/90

CITY OF RIVERSIDE WATER DEPT.
 REVIEWED BY: [Signature] DATE: 12/18/90

J.F. Davidson Associates, Inc.
 ENGINEERING PLANNING SURVEYING ARCHITECTURE LANDSCAPE ARCHITECTURE

3880 Lemon Street, Suite 300 P.O. Box 493 Riverside, CA 92502 (714) 686-0344 FAX 714-686-5954

11200 S. Mt. Vernon Ave., Suite "D" Colton, CA 92324 (714) 825-1082

73000 El Paseo, Suite 105 Palm Desert, CA 92260 (619) 346-5691 FAX 619-340-0529

SCALE: 1" = 20'
 BENCH MARK: BRONZE DISK IN CONCRETE POST, STAMPED 601-26-68 AT THE BACK OF THE S.W. 65.5' S.E. OF THE C.L. OF MAGNOLIA AVE 52.0' N.E. OF THE C.L. OF TYLER ST. ELEVATION = 742.243

DESIGNED BY: L.M. DRAWN BY: A.S. CHECKED BY: J.S.

REVISIONS

APPROVED BY: [Signature] DATE: 11/19/90

CITY OF RIVERSIDE, CALIFORNIA
 DEPARTMENT OF PUBLIC WORKS

APPROVED BY: [Signature] DATE: 12/20/90

PRINCIPAL ENGINEER
 PARK DEPARTMENT
 TRAFFIC DIVISION
 CHIEF P.E. ENGR.

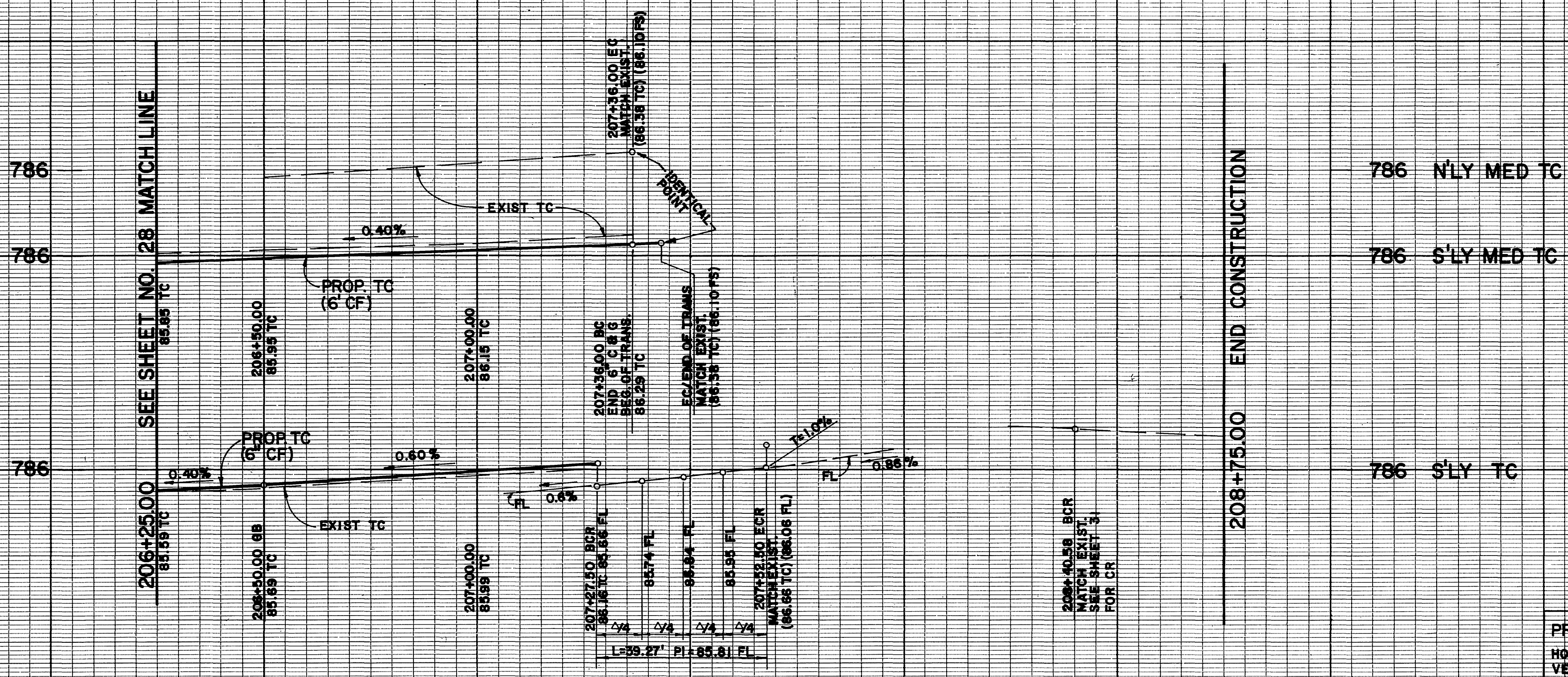
TYLER MALL EXPANSION
 CFD 90-2 IMPROVEMENTS
 STREET IMPROVEMENT PLAN
MAGNOLIA AVE.
 STA. 202+00.00 TO STA. 206+25.00

PROJECT NO. R-3194
 SHEET 28 OF 35
 FILE NO. 8911175

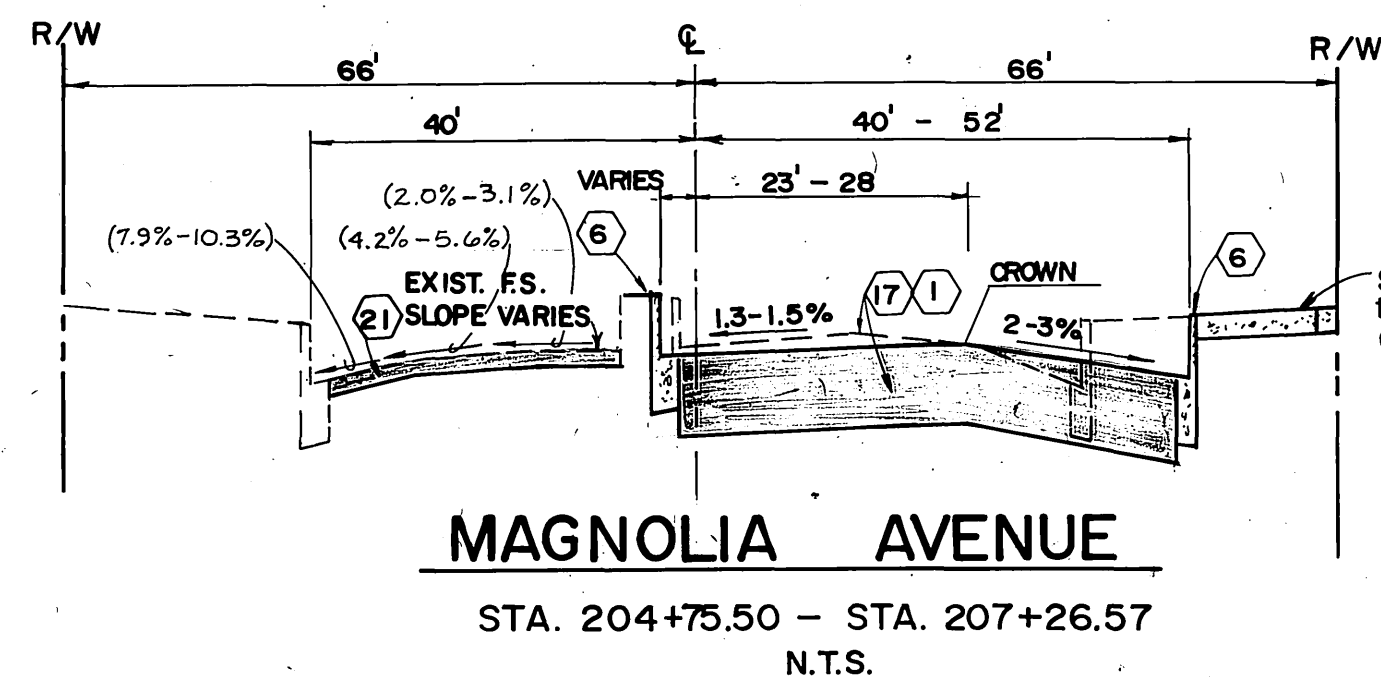
HORIZ. SCALE 1" = 20' VERT. SCALE 1" = 2'

INDEXED 1-15-93 fH

PC 2794 S&P

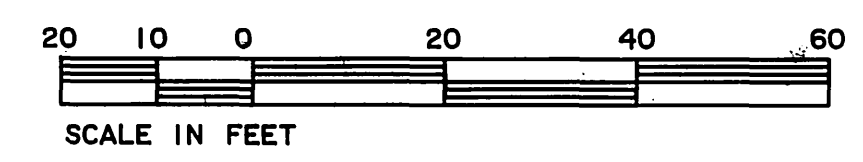
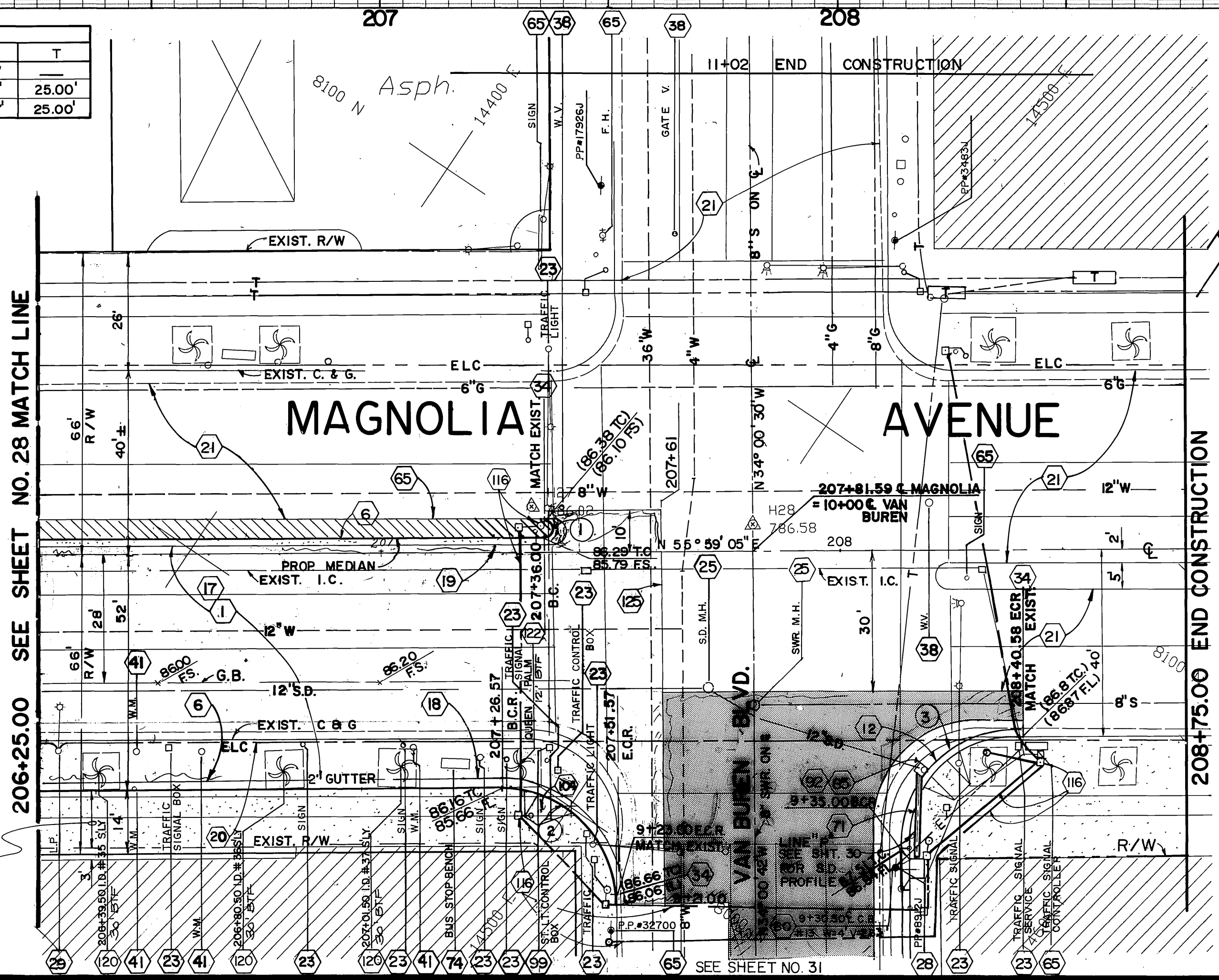


CURVE DATA				
NO.	Δ	R	L	T
①	180°00'00"	2.0'	6.28'	—
②	90°00'00"	25.0'	39.27'	25.00'
③	89°59'45"	25.0'	39.27'	25.00'



SAW CUT & REMOVE EXIST. CONC. PAVING 3' FROM EXIST. BUILDING. CONSTRUCT 3 1/2" CONC. PAVING W/ 2.0% SLOPE FROM BLDG. TO PROPOSED CURB FACE.

SAW CUT & REMOVE EXIST. CONC. PAVING 3' FROM EXIST. BUILDING. CONSTRUCT 3 1/2" CONC. PAVING W/ 2.0% SLOPE FROM BLDG. TO PROPOSED CURB FACE.



Underground Service Alert
 Call: TOLL FREE
1-800-422-4133
 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.

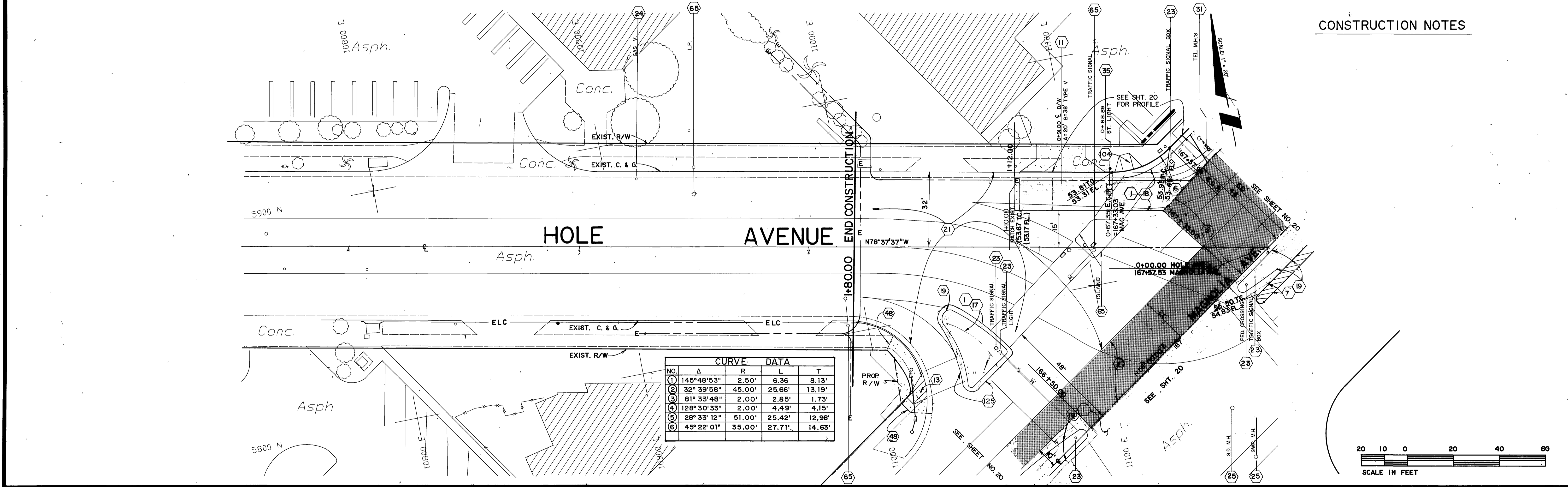
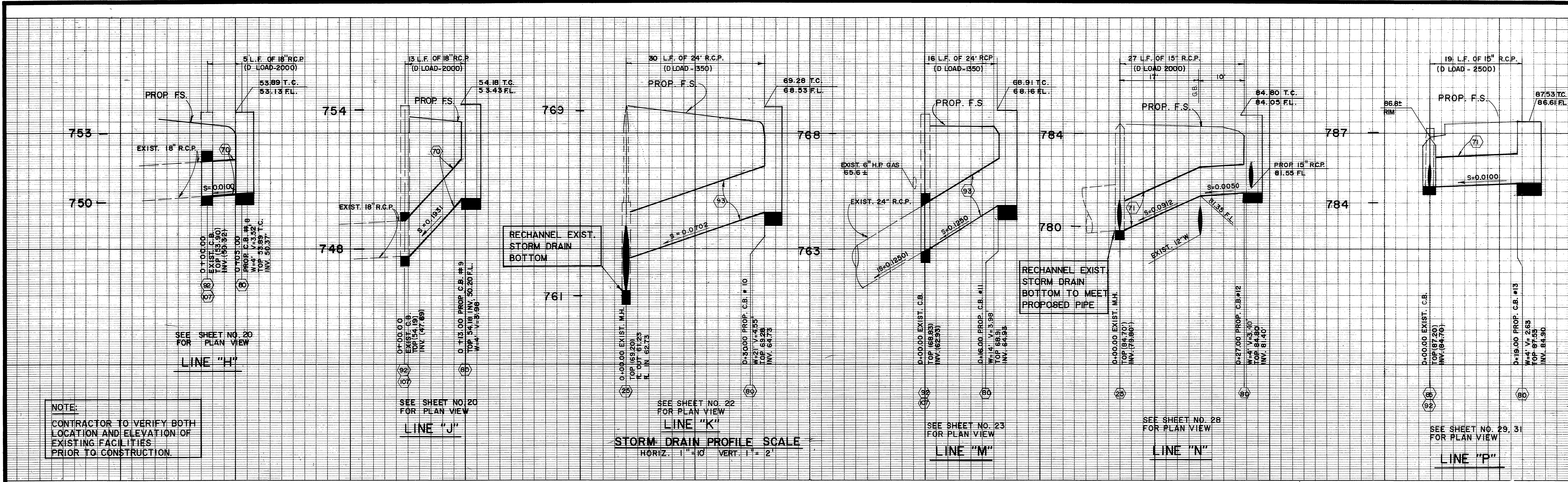
PREPARED UNDER THE DIRECTION OF:
 REGISTERED CIVIL ENGINEER NO. 40212
 EXPIRATION DATE: 12/31/90 DATE: 10/24/90
 CITY OF RIVERSIDE WATER DEPT.
 REVIEWED BY: A.J. Syed DATE: 11/18/90

J.F. Davidson Associates, Inc.
 ENGINEERING PLANNING SURVEYING ARCHITECTURE LANDSCAPE ARCHITECTURE
 3883 Lemon Street, Suite 300 P.O. Box 493 Riverside, CA 92502
 11200 S. Mt. Vernon Ave., Suite "D" Colton, CA 92324 (714) 825-1082
 73080 El Paseo, Suite 106 Palm Desert, CA 92260 (619) 346-5691
 BENCH MARK: BRONZE DISK IN CONCRETE POST, STAMPED 601-26-68 AT THE BACK OF THE SW. CORNER OF THE C.I. OF MAGNOLIA AVE. 52.0' N.E. OF THE C.I. OF TYLER ST. ELEVATION = 742.243'

DESIGNED BY: L.M. DRAWN BY: A.S. CHECKED BY: J.S.
 REVISIONS: MARK DATE APPR. DATE
 1 12/21/90

CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS
 APPROVED BY: [Signature] DATE: 12/20/90
 PRINCIPAL ENGINEER: [Signature] DATE: 11/28/90
 PARK DEPARTMENT: [Signature] DATE: 11/28/90
 TRAFFIC DIVISION: [Signature] DATE: 11/28/90
 CHIEF P.W. ENGR: [Signature] DATE: 11/28/90

TYLER MALL EXPANSION C.F.D. 90-2 IMPROVEMENTS STREET IMPROVEMENT PLAN
MAGNOLIA AVE.
 STA. 206+25.00 TO VAN BUREN BLVD.
 PROJECT NO. R-3194
 SHEET 29 OF 35
 HORIZ. SCALE: 1" = 20' VERT. SCALE: 1" = 2' FILE NO.: 8911175



CURVE DATA				
NO.	Δ	R	L	T
①	145°48'53"	2.50'	6.36'	8.13'
②	32°39'58"	45.00'	25.66'	13.19'
③	81°33'48"	2.00'	2.85'	1.73'
④	128°30'33"	2.00'	4.49'	4.15'
⑤	28°33'12"	51.00'	25.42'	12.98'
⑥	45°22'01"	35.00'	27.71'	14.63'

Underground Service Alert
Call: TOLL FREE
1-800-422-4133
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

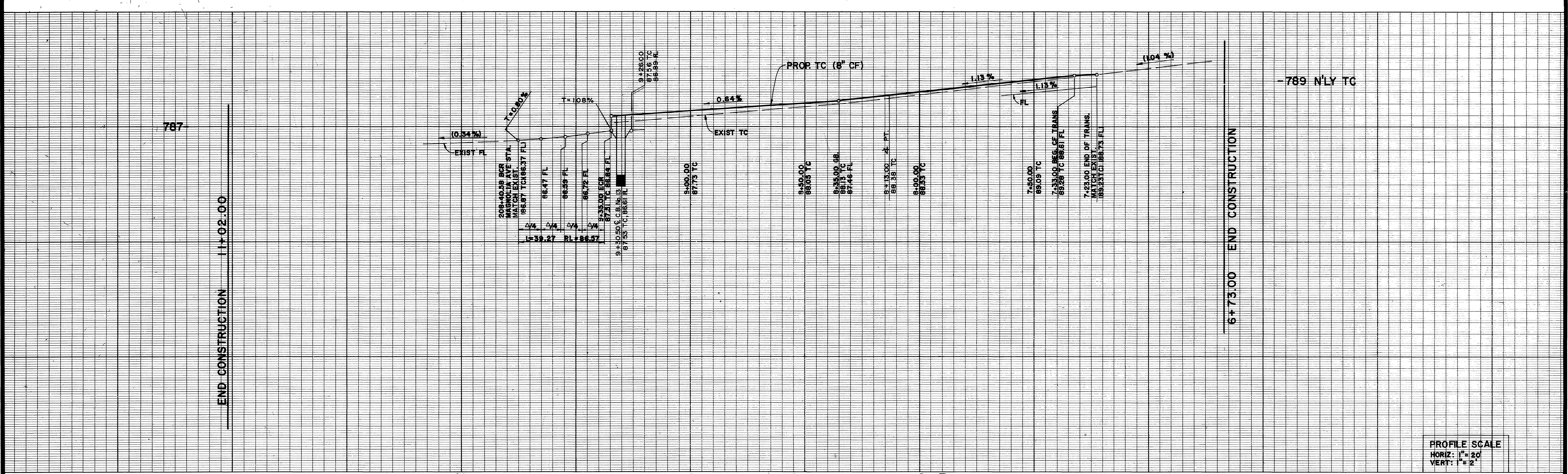
PREPARED UNDER THE DIRECTION OF:
[Signature]
REGISTERED CIVIL ENGINEER NO. 46212
EXPIRATION DATE: 12/31/90 DATE: 10/29/90
CITY OF RIVERSIDE WATER DEPT.
REVIEWED BY: *[Signature]* DATE: 12/18/90

J.F. Davidson Associates, Inc.
ENGINEERING PLANNING SURVEYING ARCHITECTURE LANDSCAPE ARCHITECTURE
3880 Lemon Street, Suite 300 PO Box 493 Riverside, CA 92502 (714) 686-0544 FAX 714-686-5954
11200 S. Mt. Vernon Ave., Suite "D" Colton, CA 92524 (714) 825-1082
73080 El Paseo, Suite 105 Palm Desert, CA 92260 (619) 346-5691 FAX 619-346-0529
BENCH MARK: BRONZE DISK IN CONCRETE POST, STAMPED 601-26-68 AT THE BACK OF THE S.W. 65.5' S.E. OF THE C.L. OF MAGNOLIA AVE. 52.0' N.E. OF THE C.L. OF TYLER ST. ELEVATION = 742.243'
SCALE: 1" = 20'
DATE: JULY 1990

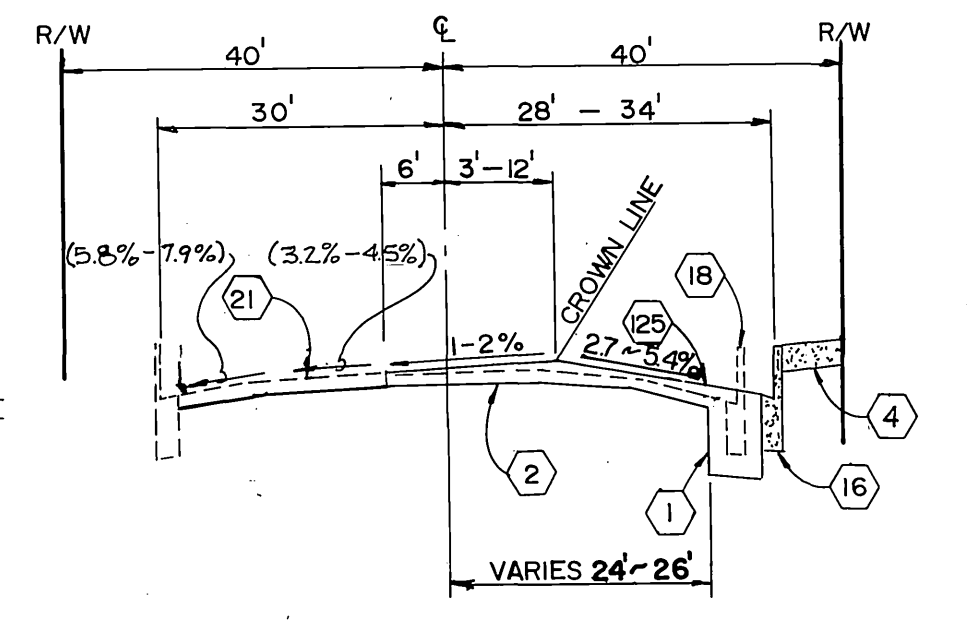
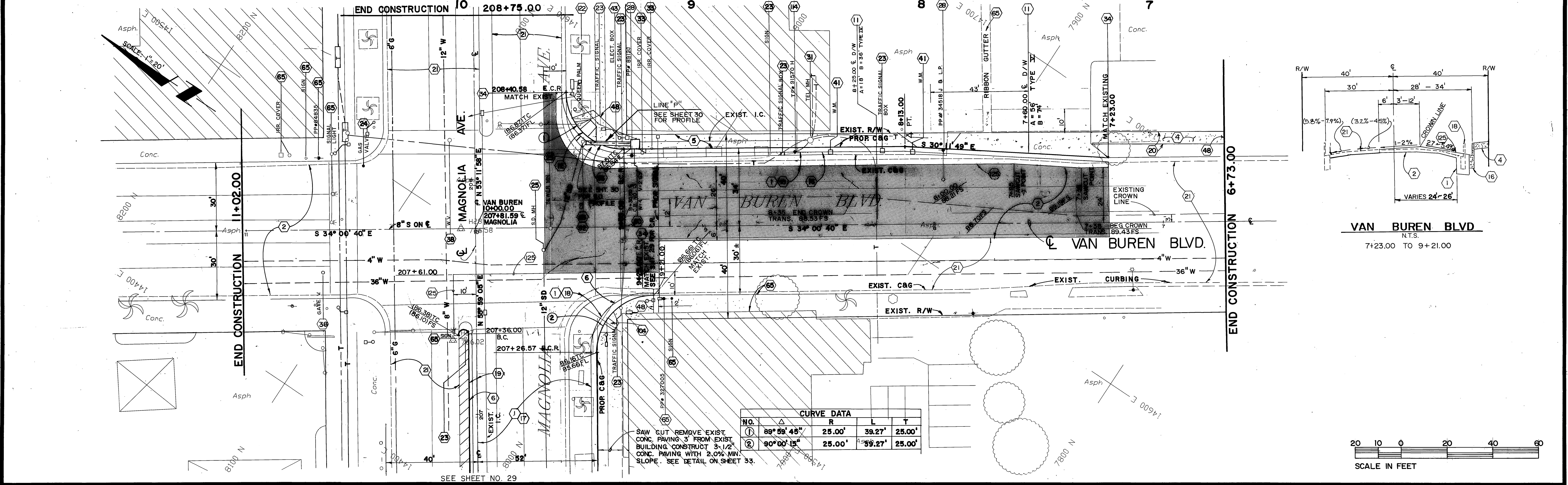
MARK REVISIONS APPR. DATE
DESIGNED BY: L.M. DRAWN BY: A.S. CHECKED BY: J.S.

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
APPROVED BY: *[Signature]* DATE: 12/20/90
PRINCIPAL ENGINEER
PARK DEPARTMENT
TRAFFIC DIVISION
CHIEF P.R. ENGR. M.H. 11/18/90

TYLER MALL EXPANSION
CFD #90-2 IMPROVEMENTS
STREET IMPROVEMENT PLAN
HOLE AVENUE
STA. 00 +00.00 TO STA. +80.00
HORIZ. SCALE: 1" = 20' VERT. SCALE: 1" = 2'
PROJECT NO. R-3194
SHEET 30 OF 35
FILE NO. 8911175



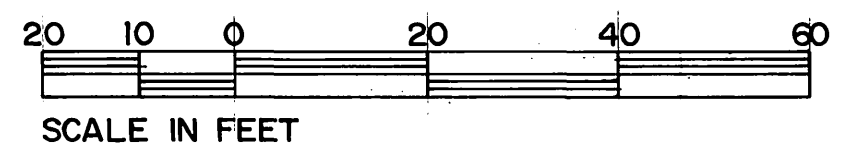
PROFILE SCALE
 HORIZ: 1" = 20'
 VERT: 1" = 2'



VAN BUREN BLVD
 N.T.S.
 7+23.00 TO 9+21.00

CURVE DATA			
NO.	Δ	R	T
1	89°59'48"	25.00'	39.27'
2	90°00'18"	25.00'	39.27'

SAW CUT REMOVE EXIST. CONC. PAVING 3" FROM EXIST. BUILDING CONSTRUCT 3-1/2" CONC. PAVING WITH 2.0% MIN. SLOPE. SEE DETAIL ON SHEET 33.



Underground Service Alert
 Call: TOLL FREE
 1-800-422-4133
 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.

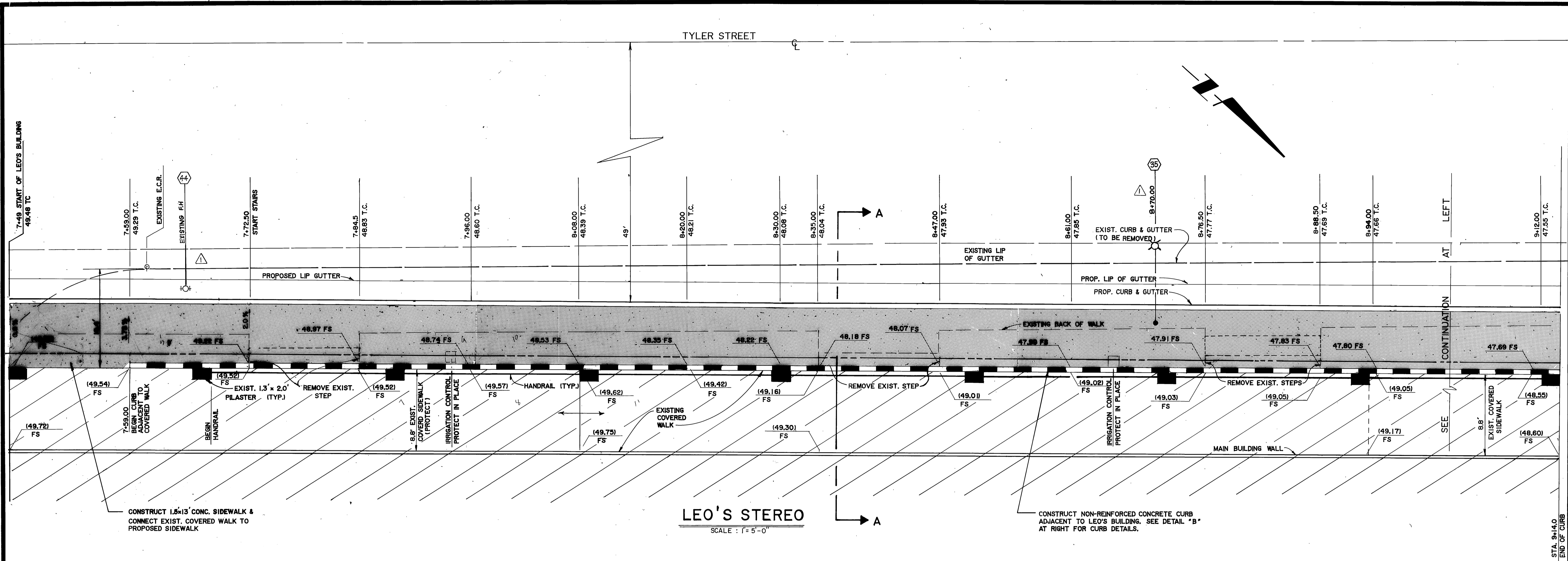
PREPARED UNDER THE DIRECTION OF:
 REGISTERED CIVIL ENGINEER NO. 46212
 EXPIRATION DATE: 12/31/90 DATE: 10/24/90
 CITY OF RIVERSIDE WATER DEPT.
 REVIEWED BY: A.J. Sygel DATE: 10/18/90

J.F. Davidson Associates, Inc.
 ENGINEERING PLANNING SURVEYING ARCHITECTURE LANDSCAPE ARCHITECTURE
 3880 Lemon Street, Suite 300 P.O. Box 493 Riverside, CA 92502 (714) 686-0844 FAX 714-686-5954
 11200 S. Mt. Vernon Ave., Suite "D" Colton, CA 92324 (714) 825-1082 (619) 346-5691 FAX 619-340-0529
 BENCH MARK: BRONZE DISK IN CONCRETE POST, STAMPED 60'-26.68' AT THE BACK OF THE S.W. 65.5' S.E. OF THE C.L. OF MAGNOLIA AVE. 520' N.E. OF THE C.L. OF TYLER ST. ELEV. = 742.243'

SCALE: 1" = 20'
 DATE: JULY, 1990
 DESIGNED BY: L.M. DRAWN BY: A.S. CHECKED BY: J.S.

CITY OF RIVERSIDE, CALIFORNIA
 DEPARTMENT OF PUBLIC WORKS
 APPROVED BY: [Signature] DATE: 12/20/90
 PRINCIPAL ENGINEER
 PARK DEPARTMENT
 TRAFFIC DIVISION
 CHIEF P.W. ENGR. [Signature] DATE: 12/20/90

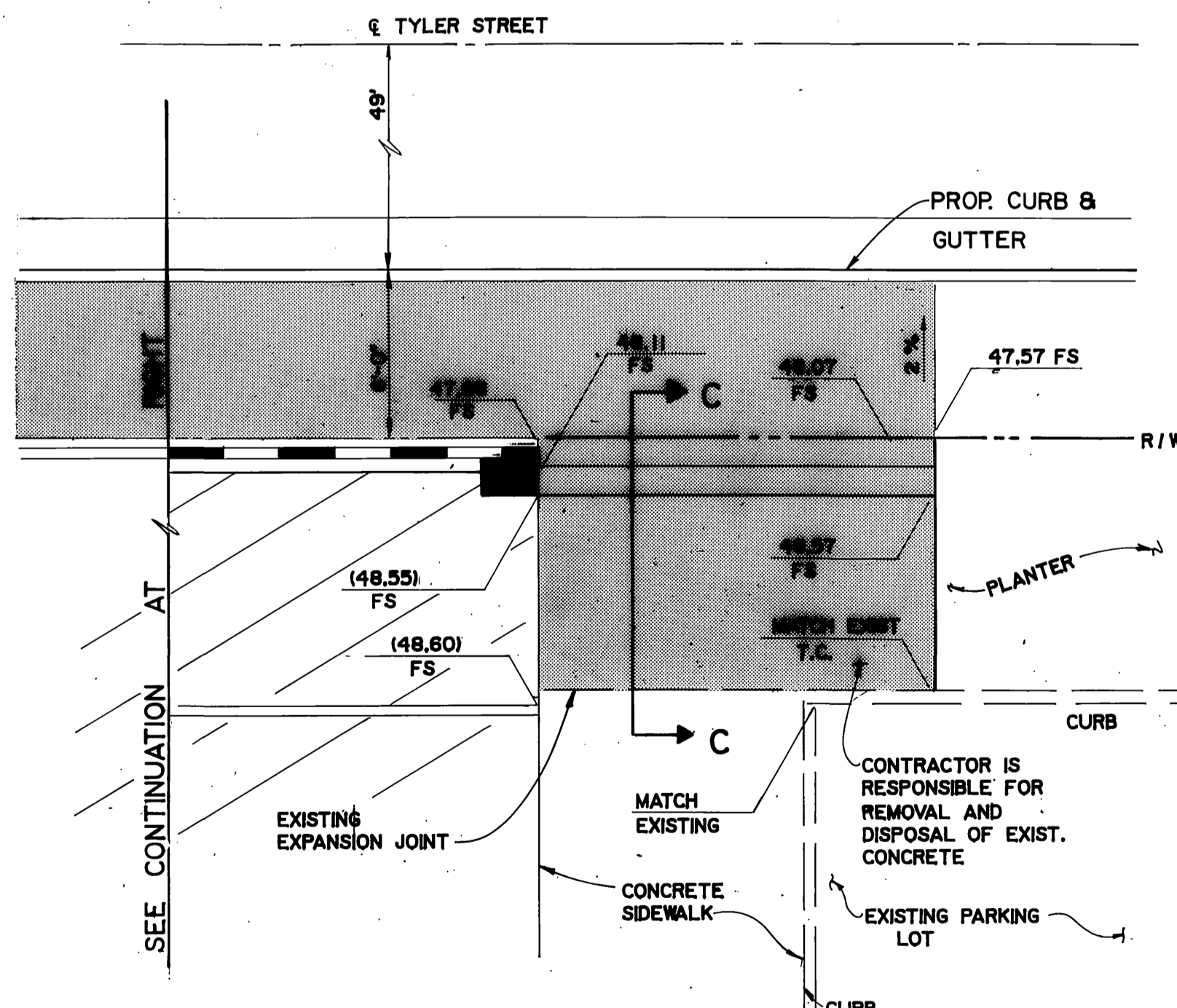
TYLER MALL EXPANSION
 CFD 90-2 IMPROVEMENTS
 STREET IMPROVEMENT PLAN
VAN BUREN BLVD.
 STA. 6+73.00 TO STA. 11+02.00
 PROJECT NO. R-3194
 SHEET 31 OF 35
 FILE NO. 8911175
 HORIZ. SCALE: 1" = 20' VERT. SCALE: 1" = 2'



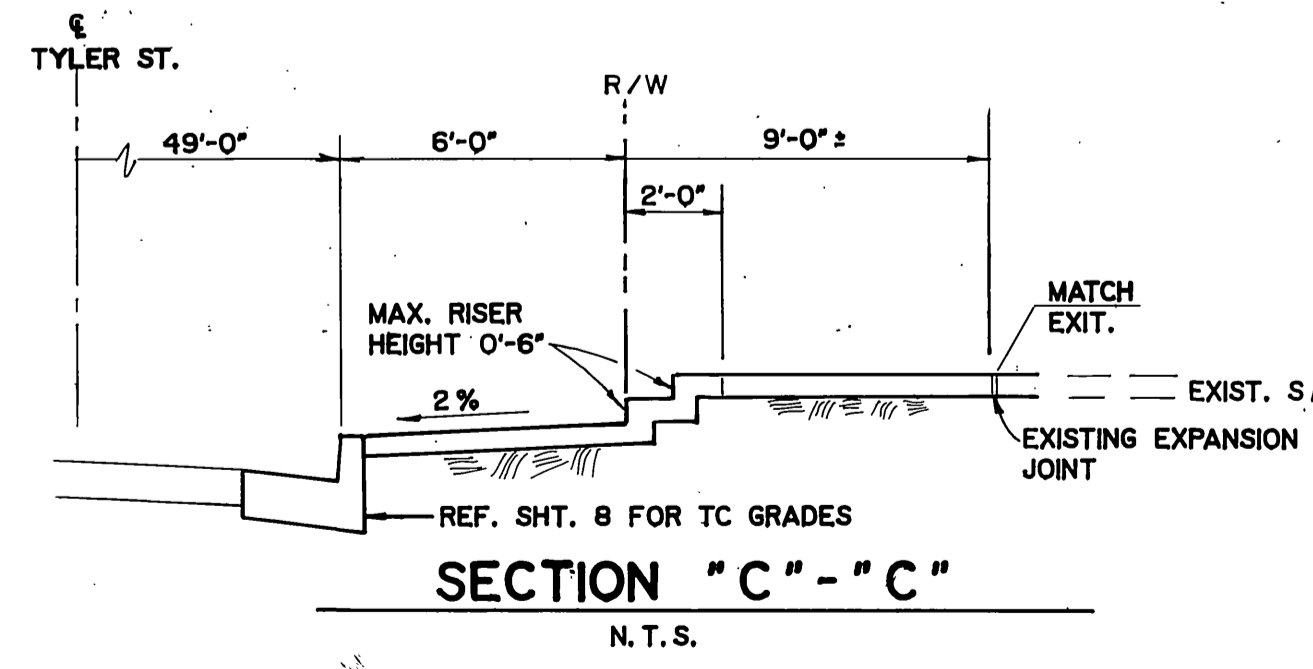
CONSTRUCT 1.5x13' CONC. SIDEWALK & CONNECT EXIST. COVERED WALK TO PROPOSED SIDEWALK

LEO'S STEREO
SCALE: 1" = 5'-0"

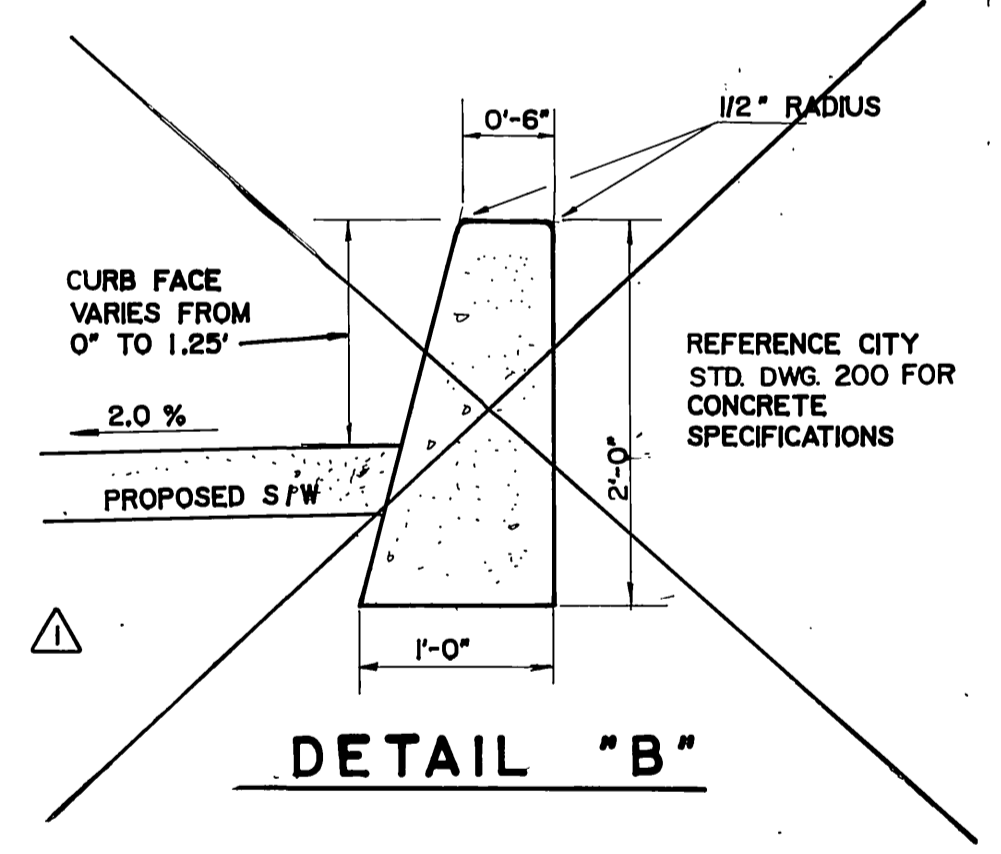
CONSTRUCT NON-REINFORCED CONCRETE CURB ADJACENT TO LEO'S BUILDING. SEE DETAIL "B" AT RIGHT FOR CURB DETAILS.



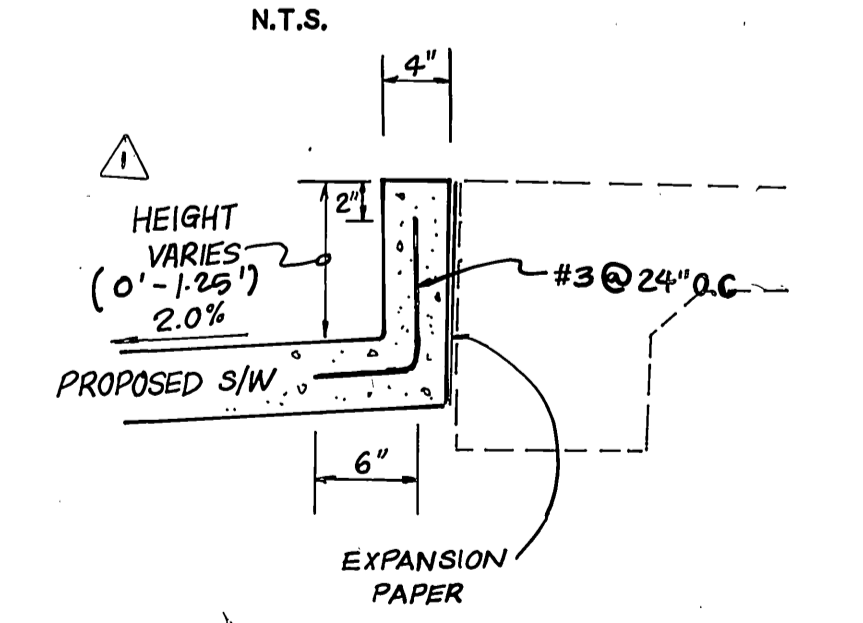
SECTION "A"-A"
STATION 7+59 TO STATION 9+14
N.T.S.



SECTION "C"-C"
N.T.S.



DETAIL "B"



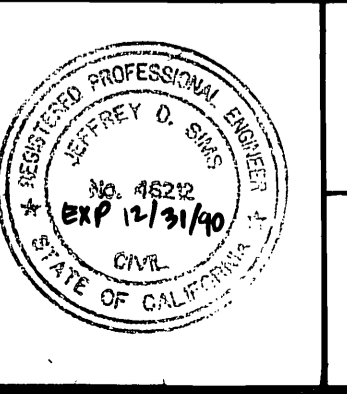
DETAIL "B"

- * NOTES:**
1. STATION 7+59 TO 7+72.50 SIDEWALK SLOPE VARIES 3.75% TO 2.00%.
 2. STATION 7+72.50 BEGIN TYPICAL 2.00% SIDEWALK CROSS SLOPE

NEW CONCRETE WORK PER THIS DETAIL

Underground Service Alert
Call: TOLL FREE
1-800-422-4133
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:
Jeffrey D. Smedley
REGISTERED CIVIL ENGINEER NO. 46212
EXPIRATION DATE: 12-31-90, DATE: 10/15/90
CITY OF RIVERSIDE WATER DEPT.
REVIEWED BY: A. J. Smedley, DATE: 12/18/90

J.F. Davidson Associates, Inc.
ENGINEERING PLANNING SURVEYING ARCHITECTURE LANDSCAPE ARCHITECTURE
3880 Lemon Street, Suite 300 P.O. Box 493 Riverside, CA 92502 (714) 686-0844 FAX 714-686-9954
11200 S. Mt. Vernon Ave., Suite "D" Colton, CA 92324 (714) 825-1082 (619) 348-5681 FAX 619-340-0529
BENCH MARK: BRONZE DISK IN CONCRETE POST, STAMPED 601-26-66 AT THE BACK OF THE S.W. 65.5' S.E. OF THE C.L. OF MAGNOLIA AVE. 52.0' N.E. OF THE C.L. OF TYLER ST. ELEVATION = 742.243'

REVISIONS	APPR.	DATE
DESIGNED BY: J.S.	DRAWN BY: C.M.F.	CHECKED BY: J.S.J.

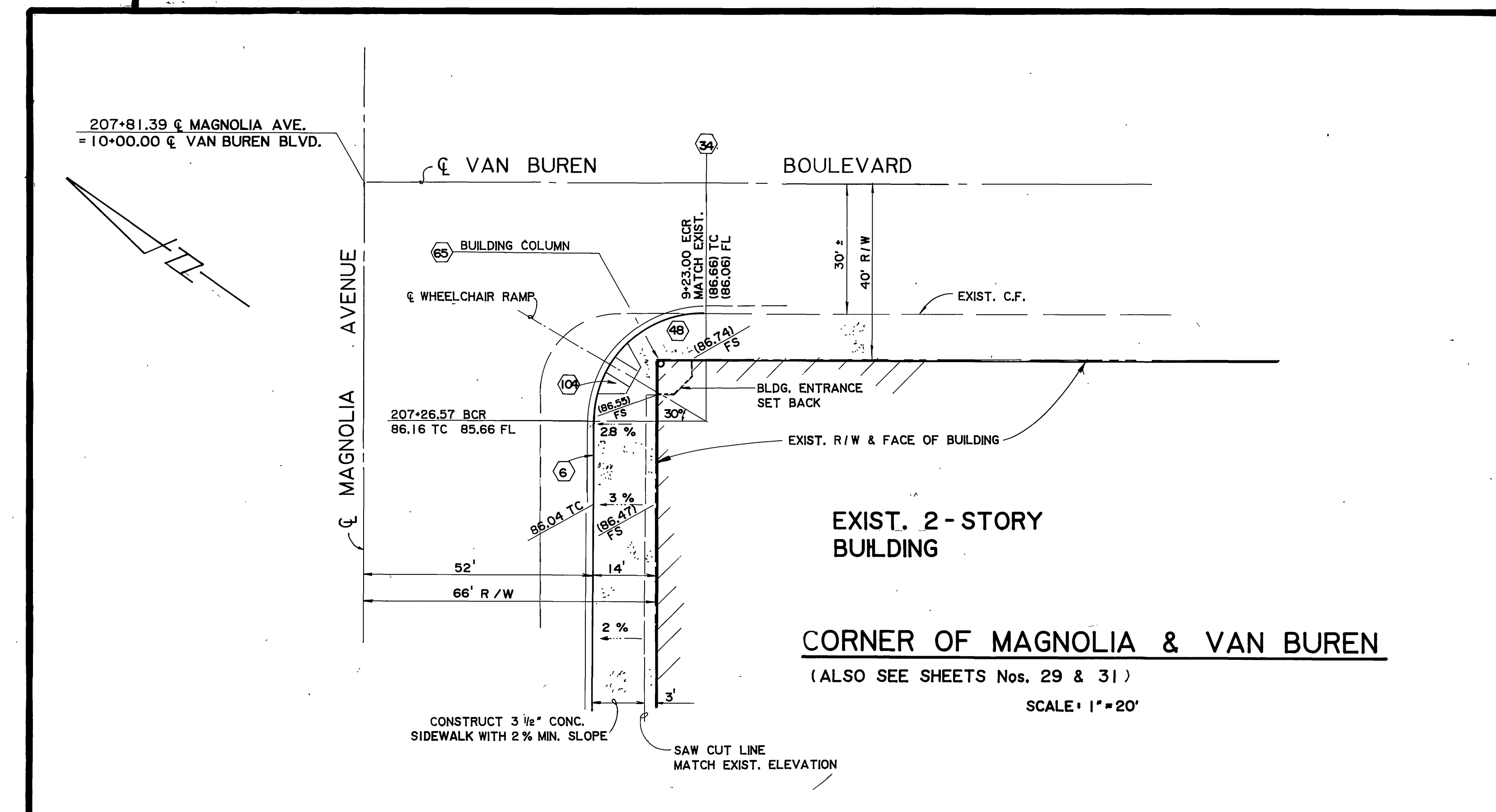
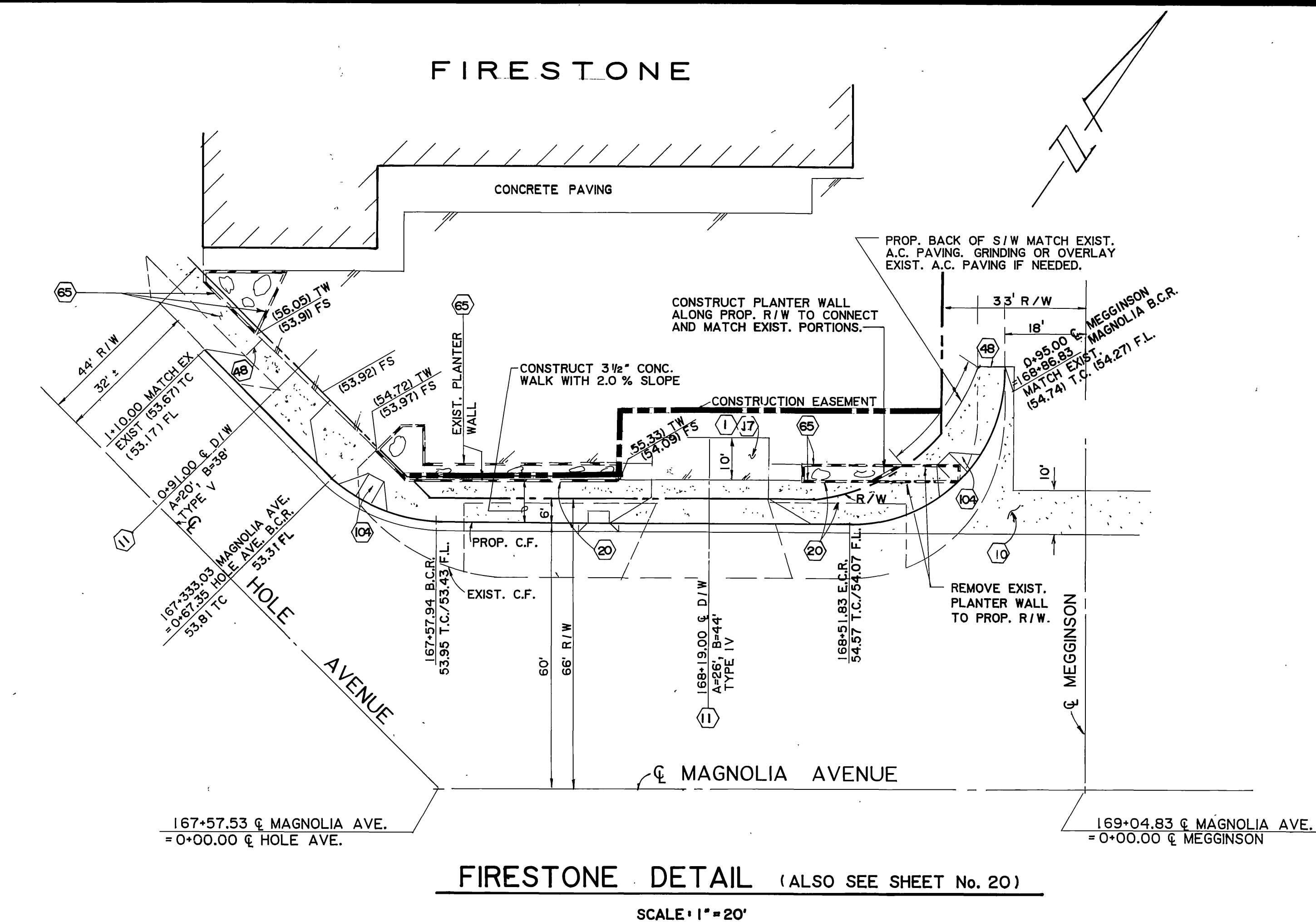
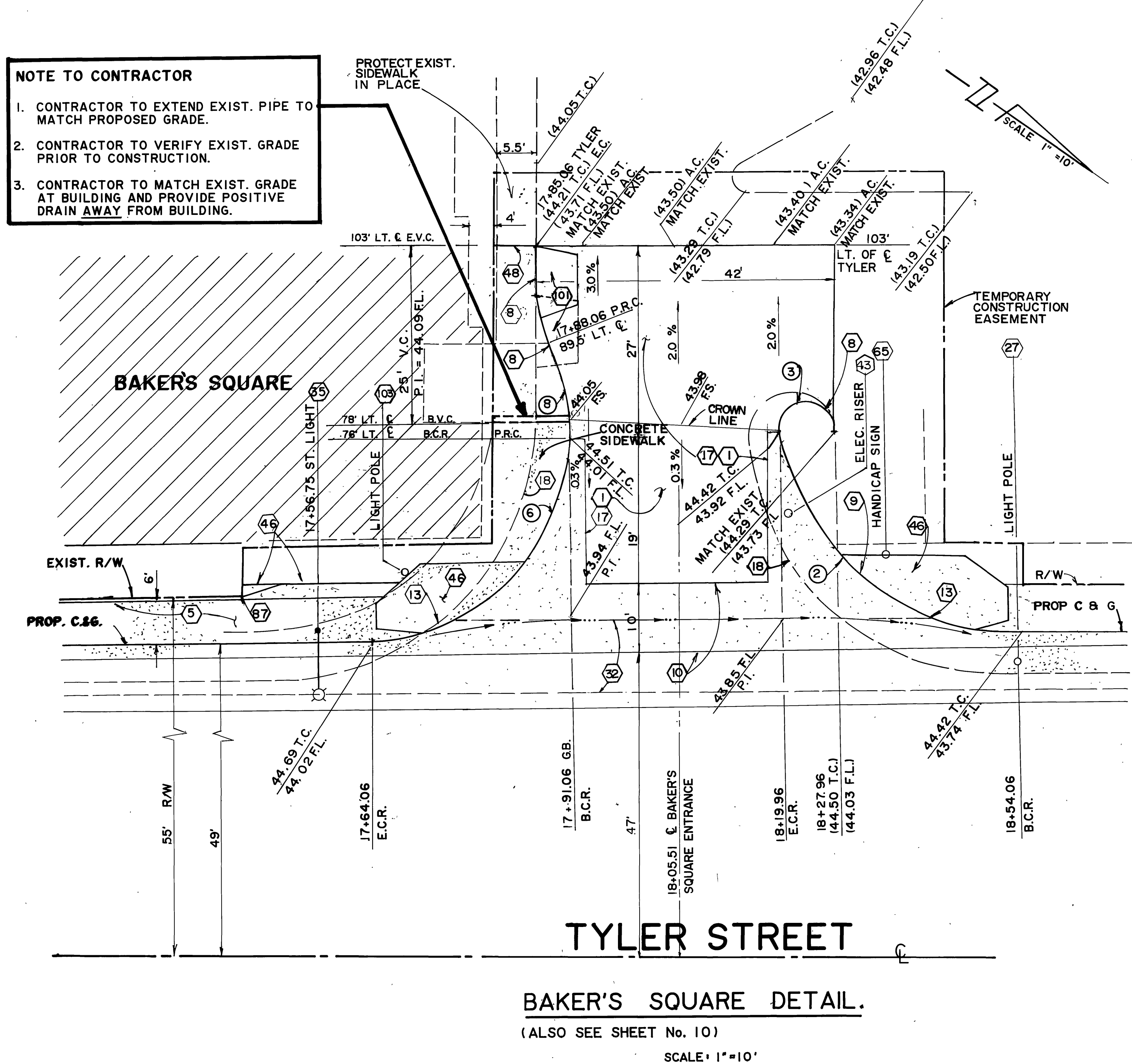
CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS		
APPROVED BY:	BY:	DATE:
PRINCIPAL ENGINEER		
PARK DEPARTMENT		
TRAFFIC DIVISION		
CHIEF P.W. ENGR.		

TYLER MALL EXPANSION
CFD 90-2 IMPROVEMENT
STREET IMPROVEMENT PLAN
LEO'S STEREO DETAIL

PROJECT NO.	R-3194
SHEET	32 OF 35
FILE NO.	8911175

NOTE TO CONTRACTOR

- CONTRACTOR TO EXTEND EXIST. PIPE TO MATCH PROPOSED GRADE.
- CONTRACTOR TO VERIFY EXIST. GRADE PRIOR TO CONSTRUCTION.
- CONTRACTOR TO MATCH EXIST. GRADE AT BUILDING AND PROVIDE POSITIVE DRAIN AWAY FROM BUILDING.



Underground Service Alert

Call: TOLL FREE
1-800 422-4133

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:
J.F. Davidson

REGISTERED CIVIL ENGINEER No. 42212
EXPIRATION DATE: 12/31/90 DATE: 11/5/90

APPROVED BY:
J.F. Davidson

J.F. Davidson Associates, Inc.
ENGINEERING PLANNING SURVEYING ARCHITECTURE LANDSCAPE ARCHITECTURE

3880 Lemon Street, Suite 300 P.O. Box 493 Riverside, CA 92502 (714) 686-0844 FAX 714-686-5854

11200 S Mt Vernon Ave., Suite "D" Colton, CA 92324 (714) 825-1062

73-080 El Paseo, Suite 106 Palm Desert, CA 92260 (818) 346-6881 FAX 818-346-0829

SCALE: AS SHOWN
DATE: OCTOBER 1990

BENCH MARK: BRONZE DISK IN CONCRETE POST, STAMPED 601-26-68 AT THE BACK OF THE S.W. 65.5' S.E. OF THE C.L. OF MAGNOLIA AVE. 52.0' N.E. OF THE C.L. OF TYLER ST. ELEV. 742.243'

MARK	REVISIONS	APPR.	DATE

DESIGNED BY: T.C.L. DRAWN BY: A.S. CHECKED BY: J.S.

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY: *[Signature]* BY: DATE: 11/19/90
PRINCIPAL ENGINEER
PARK DEPARTMENT
TRAFFIC DIVISION
CHIEF P.W. ENGR. R.H.C. 11/19/90

APPROVED BY: *[Signature]* BY: DATE: 12/20/90
DIRECTOR OF PUBLIC WORKS

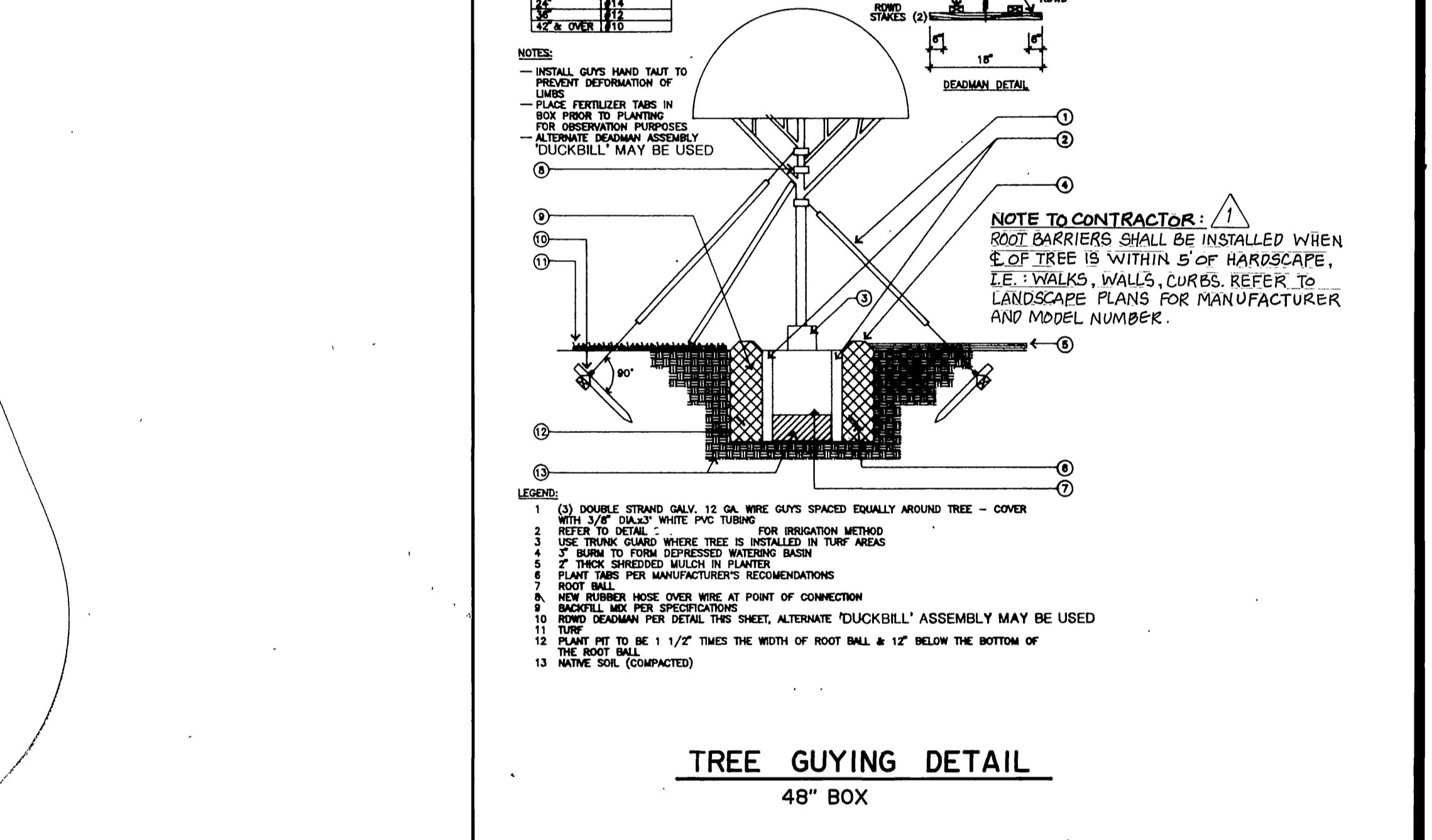
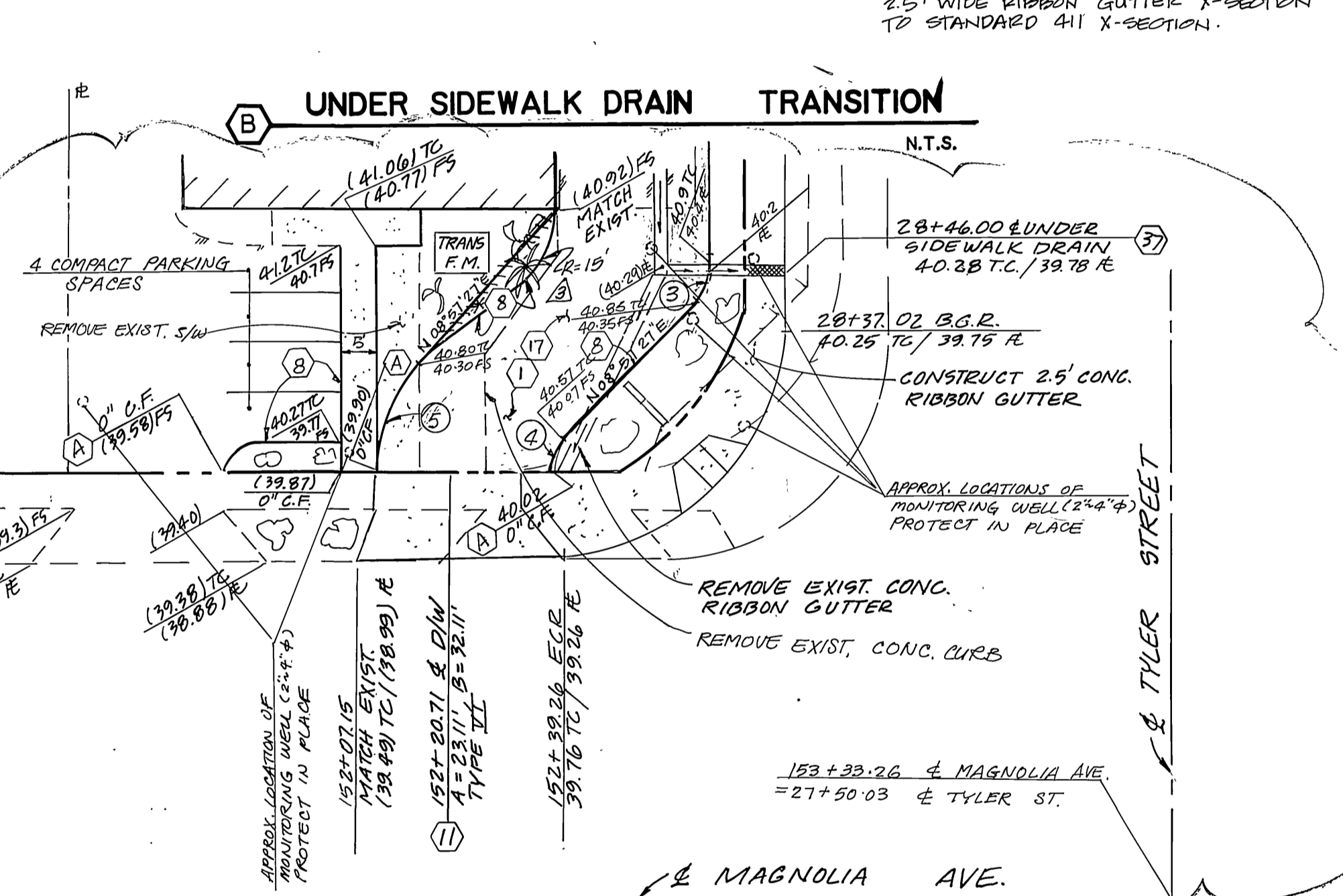
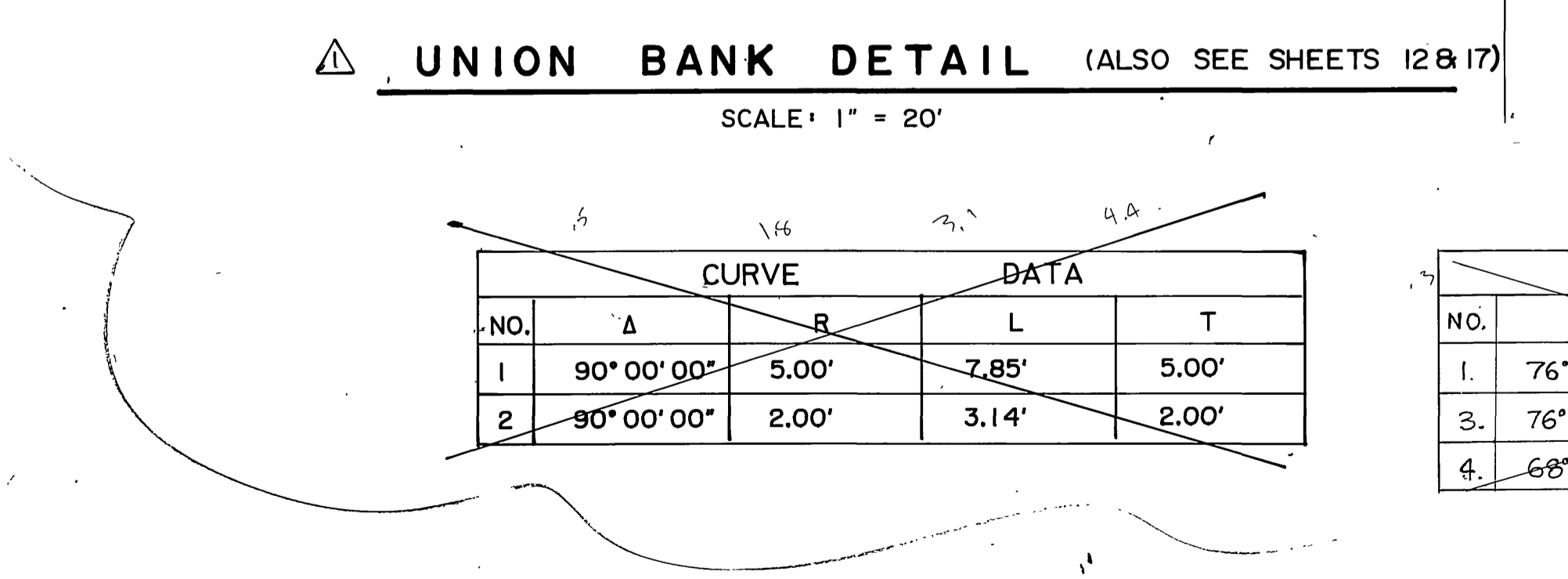
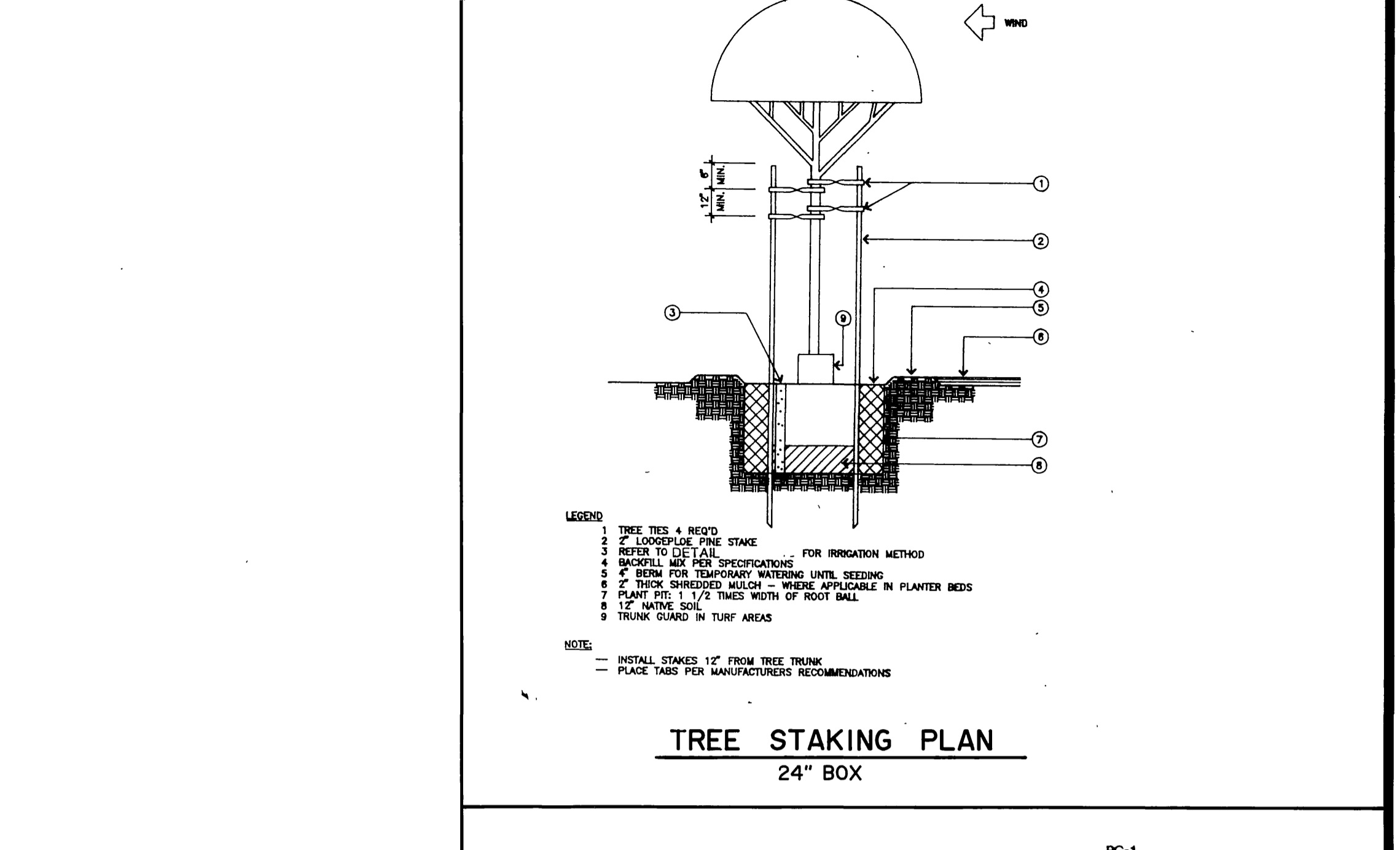
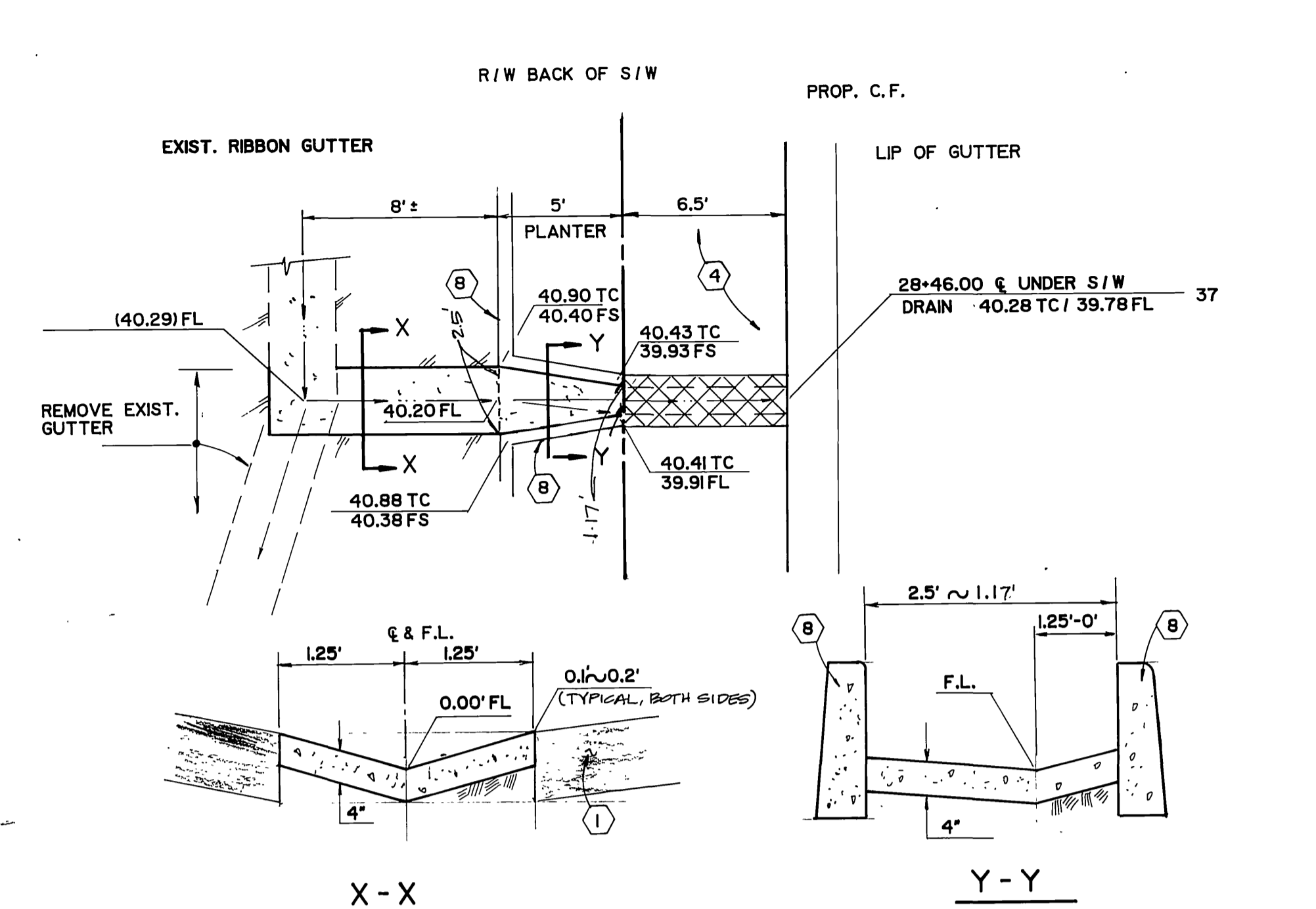
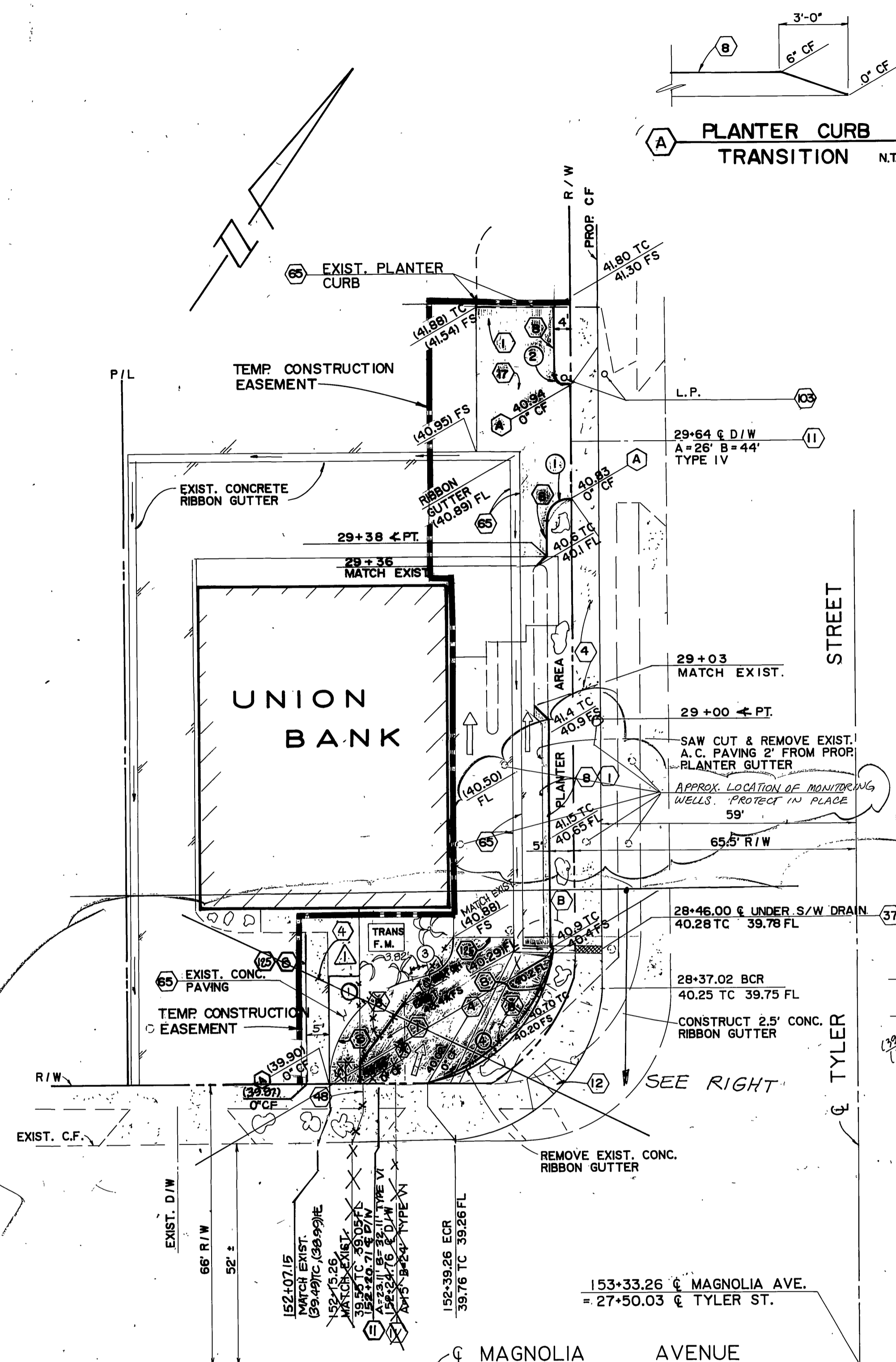
TYLER MALL EXPANSION
CFD 90-2 IMPROVEMENT STREET IMPROVEMENT PLAN

BAKER'S SQUARE
FIRESTONE DETAIL

PROJECT NO. R-3194
SHEET 33 OF 35
FILE NO. 891175

HORIZ. SCALE: 1" = 100'
VERT. SCALE: 1" = 10'

INDEXED 1-15-93 LH

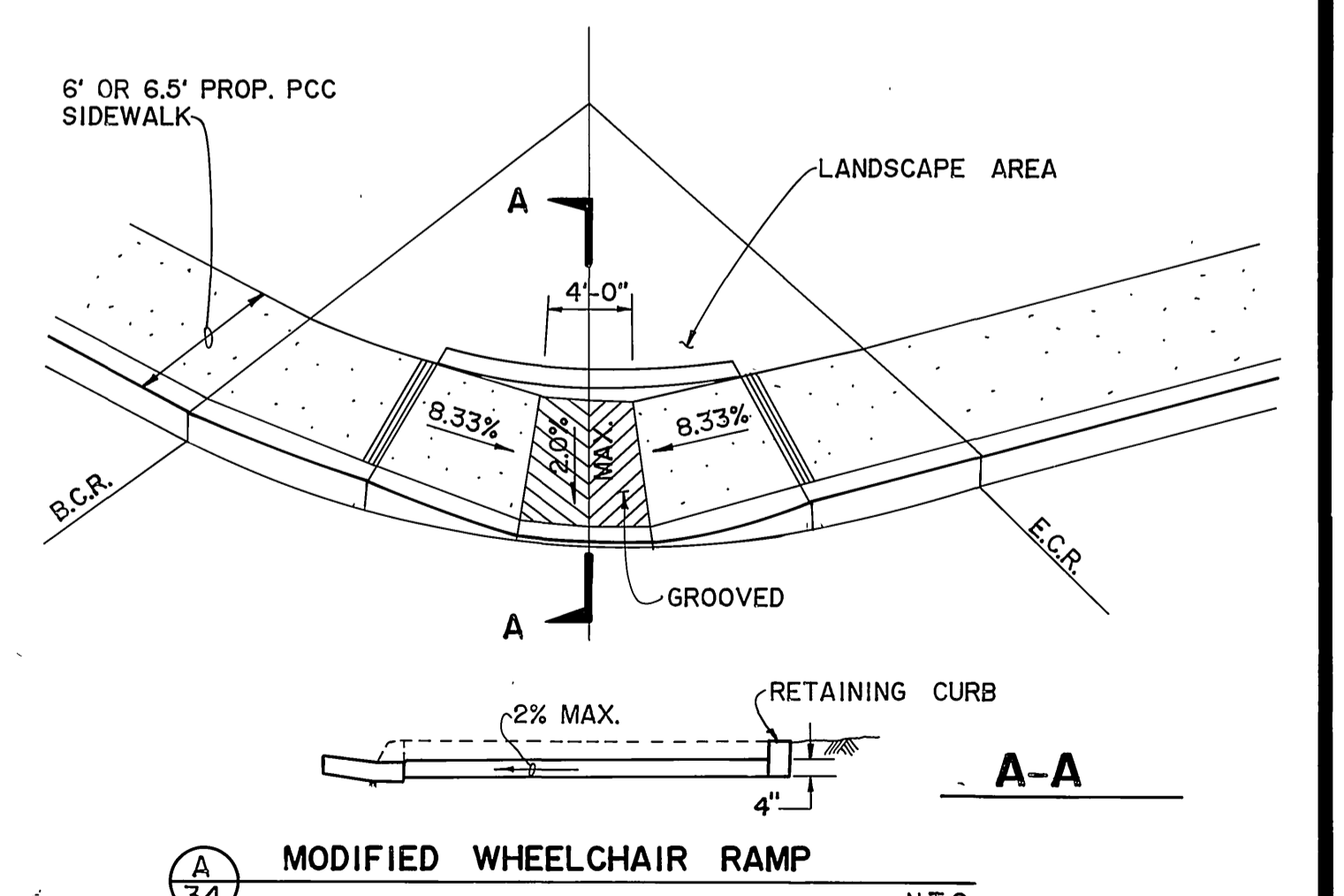
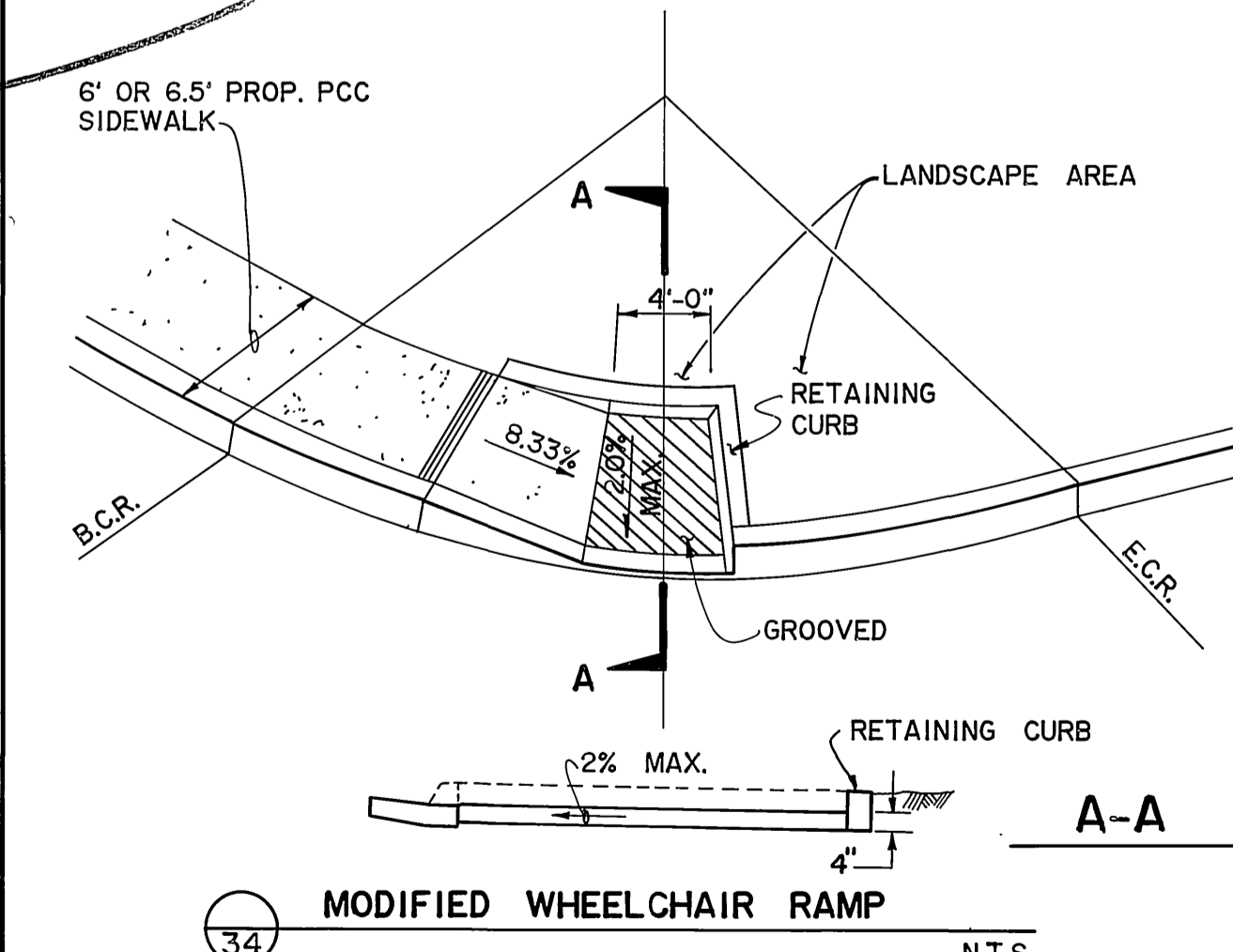


UNION BANK DETAIL (ALSO SEE SHEETS 12 & 17)
SCALE: 1" = 20'

CURVE DATA				
NO.	Δ	R	L	T
1	90° 00' 00"	5.00'	7.85'	5.00'
2	90° 00' 00"	2.00'	3.14'	2.00'
3	42° 57' 46"	10.00'	7.50'	3.94'
4	31° 57' 33"	10.00'	5.58'	2.86'
5	42° 57' 58"	25.00'	18.75'	9.84'

CURVE DATA				
NO.	Δ	R	L	T
1	90° 00' 00"	5.00'	7.85'	5.00'
2	90° 00' 00"	2.00'	3.14'	2.00'

CURVE DATA				
NO.	Δ	R	L	T
1.	76° 10' 22"	25.00'	33.24'	19.59'
3.	76° 10' 22"	8.00'	10.64'	6.27'
4.	68° 31' 21"	35.50'	49.74'	29.93'



Underground Service Alert
Call: TOLL FREE
1-800-422-4133
TWO WORKING DAYS BEFORE YOU DIG

PRIVATE ENGINEERING NOTE
CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES...
APPROVED BY: [Signature]

PREPARED UNDER THE DIRECTION OF:
REGISTERED CIVIL ENGINEER NO. 46212
EXPIRATION DATE: 12/30/90 DATE: 12/10/90
APPROVED BY: [Signature]

J.F. Davidson Associates, Inc.
ENGINEERING PLANNING SURVEYING ARCHITECTURE LANDSCAPE ARCHITECTURE
3880 Lemon Street, Suite 300
P.O. Box 493
Riverside, CA 92502
(714) 886-0844
FAX 714-686-9954

REVISIONS:
1. REVISED UNION BANK DETAIL
2. ADDED NOTE TO CONTRACTOR FOR ROOT BARRIERS
3. REVISED D/W CONFIGURATIONS
4. ADDED MONITORING WELLS APPROX. LOCATIONS
5. REVISED UNION BANK D/W

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
APPROVED BY: [Signature]
PRINCIPAL ENGINEER
DATE: 12/20/90

TYLER MALL EXPANSION
CFD 90-2 IMPROVEMENT
STREET IMPROVEMENT PLAN
UNION BANK
PROJECT NO. R-3194
SHEET 34 OF 35
FILE NO. 8811175

GENERAL NOTES FOR STREET TREE PLANTING AND RELOCATION

1. All related work shall conform to the City of Riverside Park and Recreation Department Standards and City of Riverside Street Tree policies.
2. When calling for inspections contact the Street Tree Inspector a minimum of 48 hours in advance at (714) 351-6126 to schedule an inspection. A Field Notice will be issued as written approval for each stage of inspection. A verbal approval will not be acceptable. Inspections are required:
 - a. After completion of final grading of the lots and when all utility services and sewer lateral have been marked, but prior to digging plant pits, all final street tree locations are to be spotted in the field by the street tree inspector.
 - b. While digging plant pits and planting/relocating trees.
 - c. After planting and all other indicated or specified work has been completed, for start of maintenance.
 - d. At end of the maintenance period, the contractor/developer shall call the Street Tree Inspector at (714) 351-6126 for a final acceptance inspection in order to be released from maintenance. Developers bonds will not be released until after receipt of written notification from the City that the trees pass final inspection and the Park and Recreation department is assuming maintenance responsibilities.

3. All street trees shall be planted prior to occupancy.
4. The developer shall be responsible to acceptably maintain all plantings for a minimum period of one (1) year.
5. Street tree planting shall be as follows:

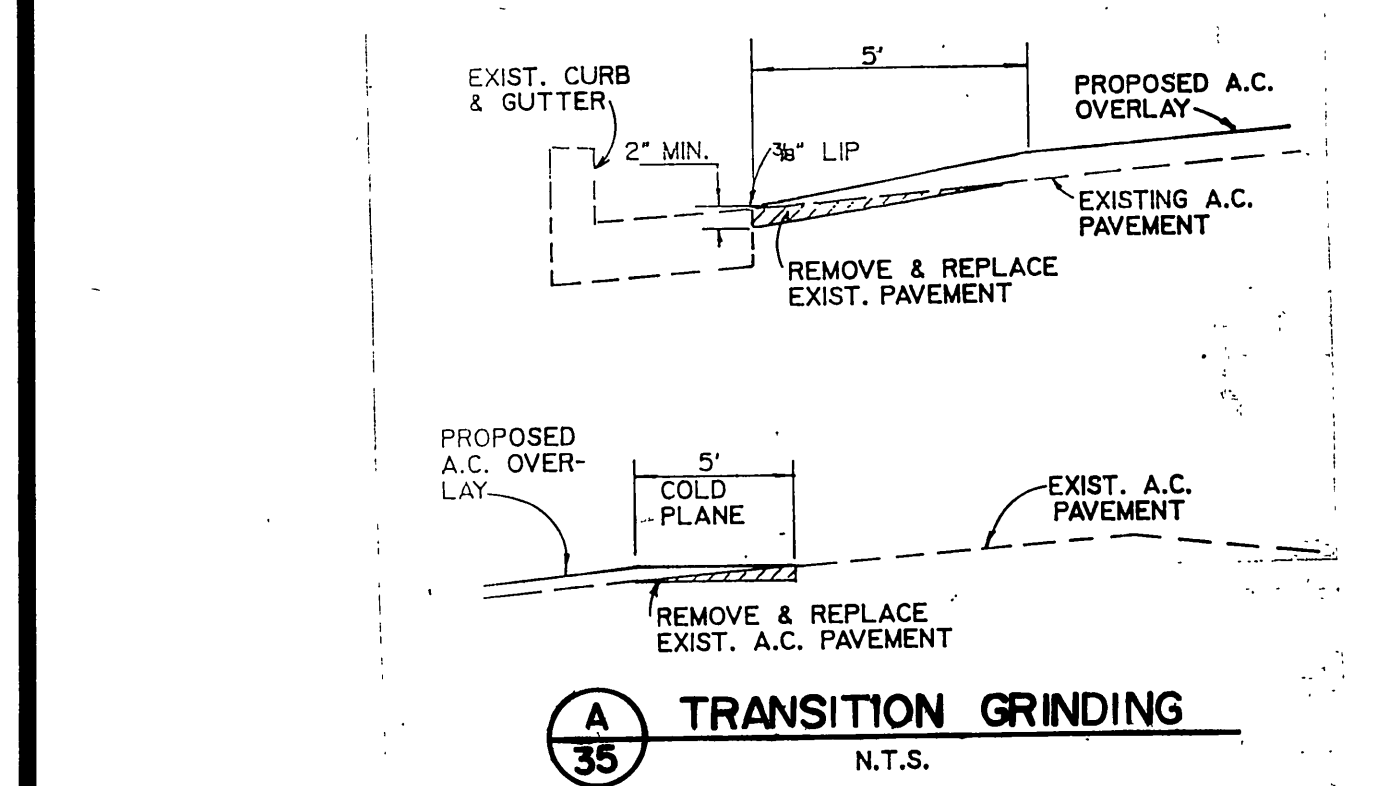
Street Name	Botanical Name/Common Name	Size	Spacing	Req. Qty.	
a. TYLER	MAGNOLIA GRANDIFLORA "MAJESTIC BEAUTY"	SOUTHERN MAGNOLIA	24" BOX	60'	19
b.	CINNAMONUM CAMPHORA	CAMPBORN	24" BOX	60'	6
c. TYLER	MAGNOLIA GRANDIFLORA "MAJESTIC BEAUTY"	SOUTHERN MAGNOLIA	24" BOX	45'	31
d. MAGNOLIA	MAGNOLIA GRANDIFLORA "MAJESTIC BEAUTY"	SOUTHERN MAGNOLIA	48" BOX	45'	11
e.					
f.					
g.					
h.	* SEE CORRESPONDING CONSTRUCTION NOTE #120-#122 FOR STREET TREE REMOVALS AND TRANSPLANTS.				

Both a street tree Relocation/Removal permit as issued by the Park and Recreation Department and a Street Opening permit as issued by the Public Works Department are required prior to commencement of tree relocation and or removal work. For all existing trees within what will ultimately be the Public Right-of-Way pavement area, Backfill of all holes must be inspected by the Public Works Inspector for proper compaction.

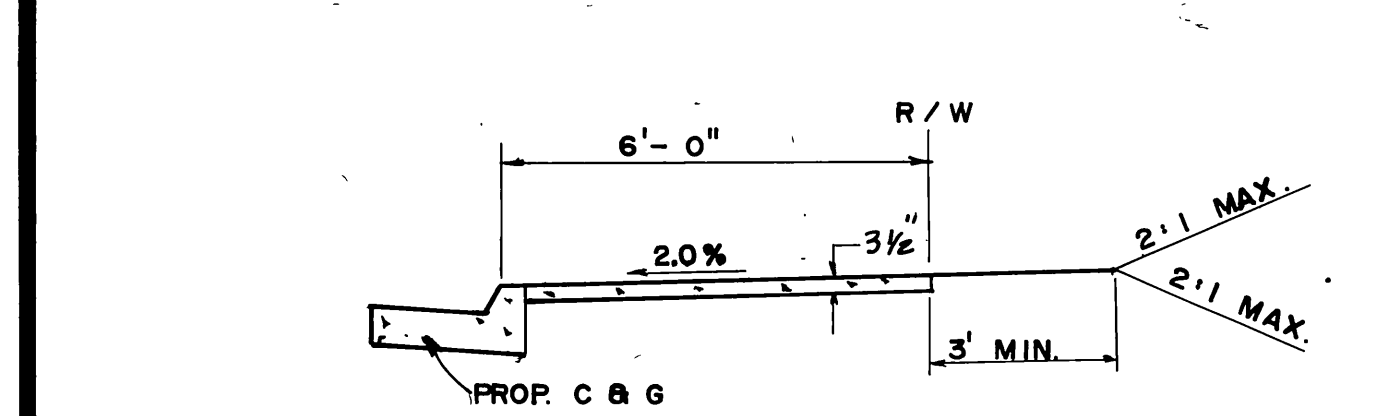
All street Trees must be automatically irrigated, except where adjacent to single family or duplex residential uses.

*NOTE: In the interest of public safety and maintenance the Street Tree Inspector shall have the authority to revise the street tree quantities and locations shown on approved plans based upon field conditions found at the time of installation of the trees.

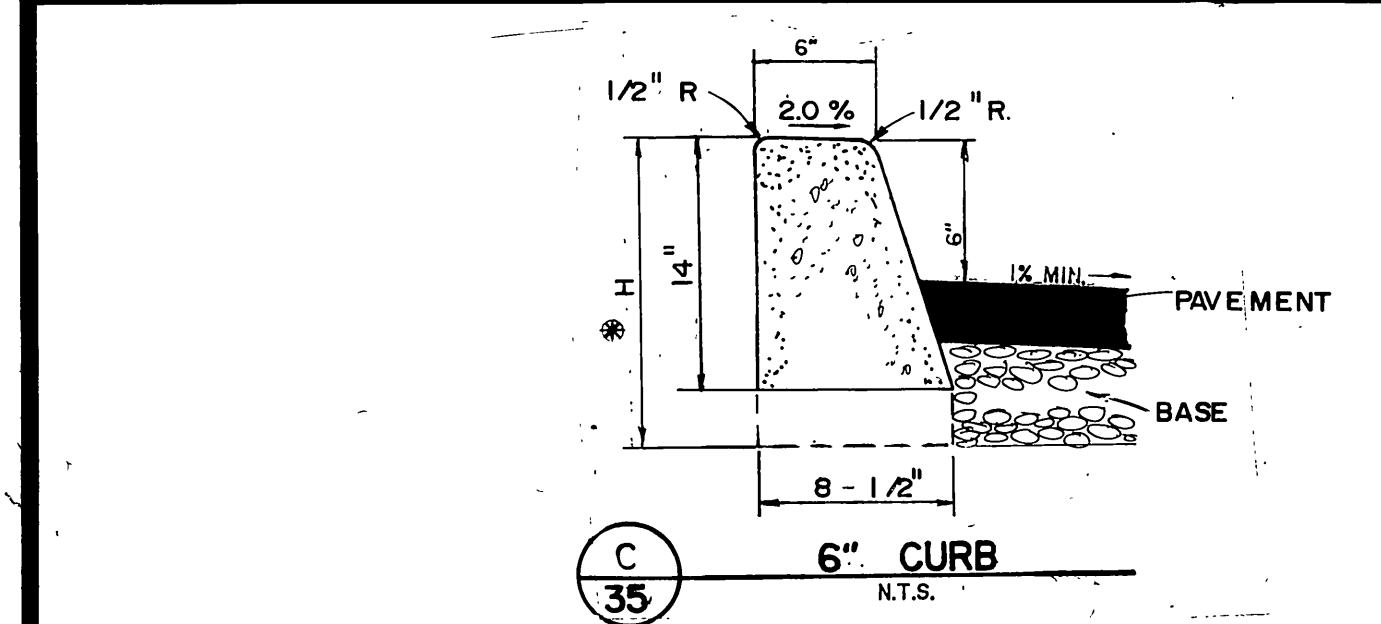
REFER TO SHEET NO. 34 FOR STAKING & GUYING DETAILS.



A 35
TRANSITION GRINDING
N.T.S.

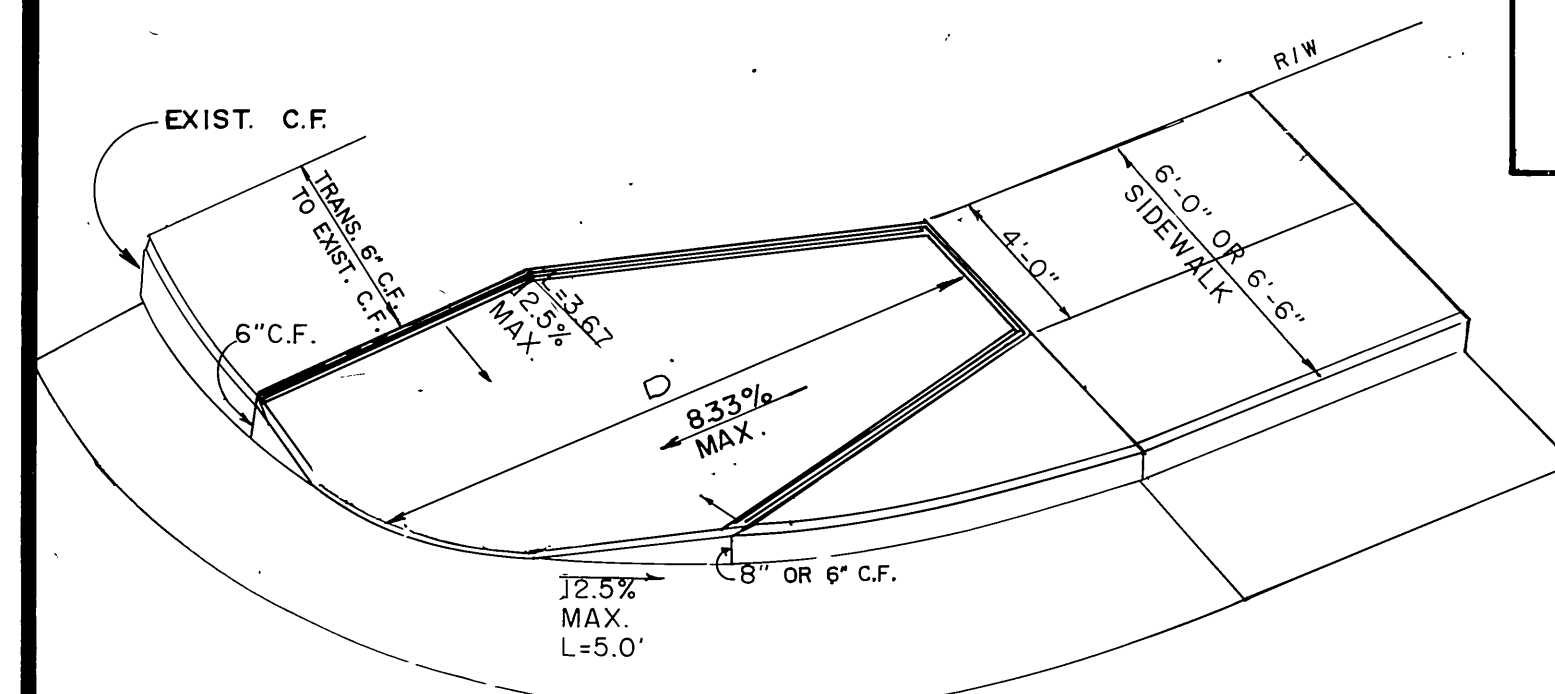


B 35
MODIFIED CURB SIDEWALK
TYPICAL SECTION
N.T.S.



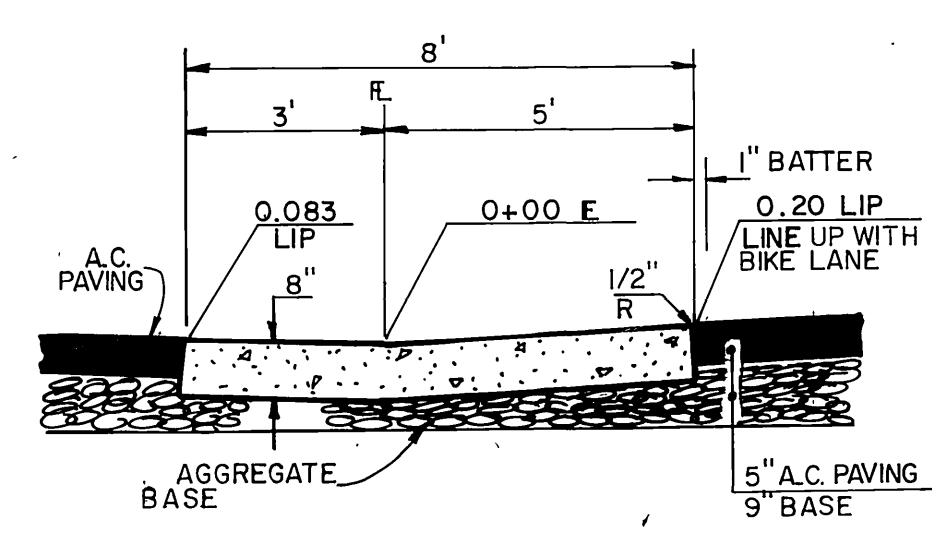
C 35
6" CURB
N.T.S.

* NEXT TO IRRIGATED AREAS H SHALL BE THE LARGER H² OR THE BOTTOM OF THE BASE

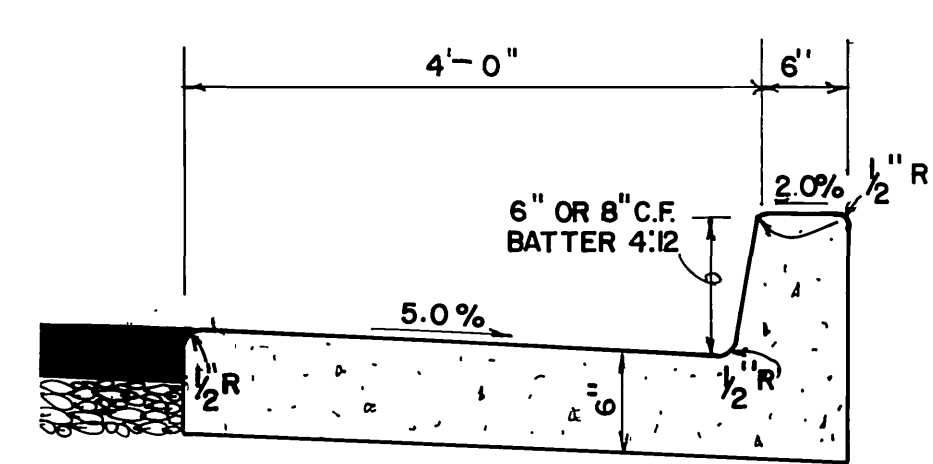


NOTE:
ALL CONSTRUCTION NOTES, GROOVING DETAIL & LIP OF RAMP DETAIL SHALL CONFORM WITH CITY STD. DETAIL 304.

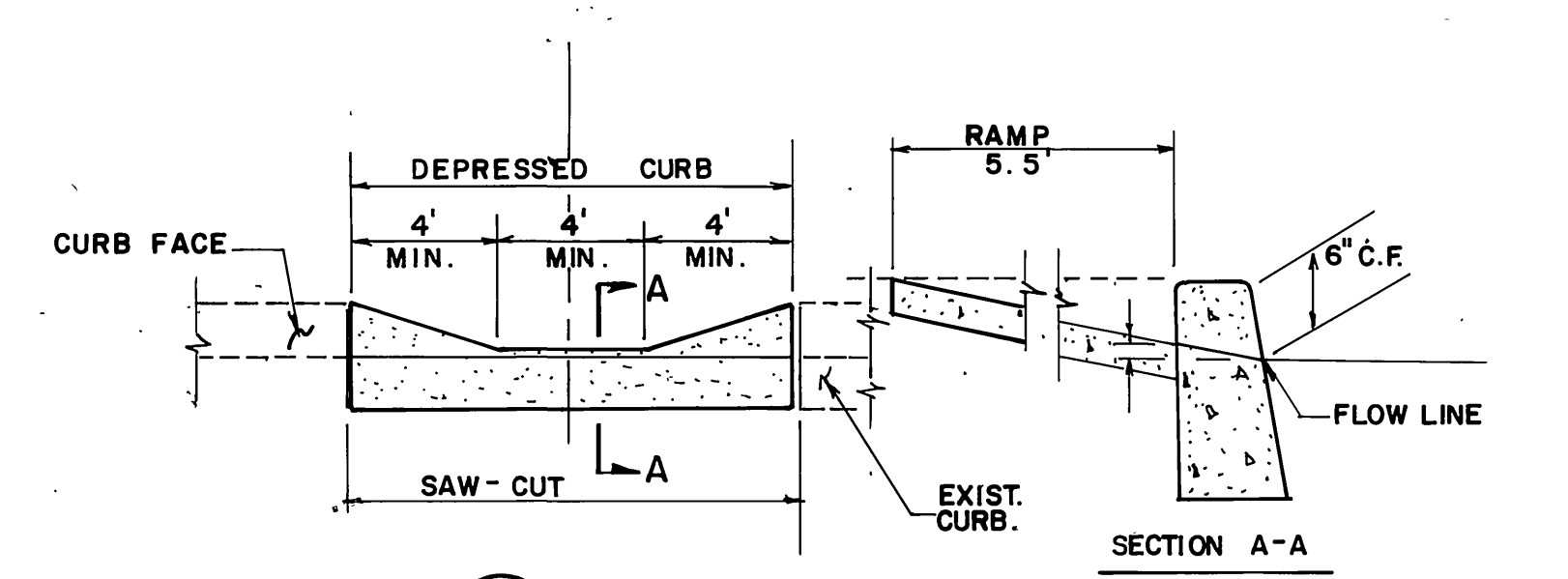
D 35
MODIFIED HANDICAP RAMP (TYPE I)
6" TO 8" CURB FACE TRANSITIONING
N.T.S.



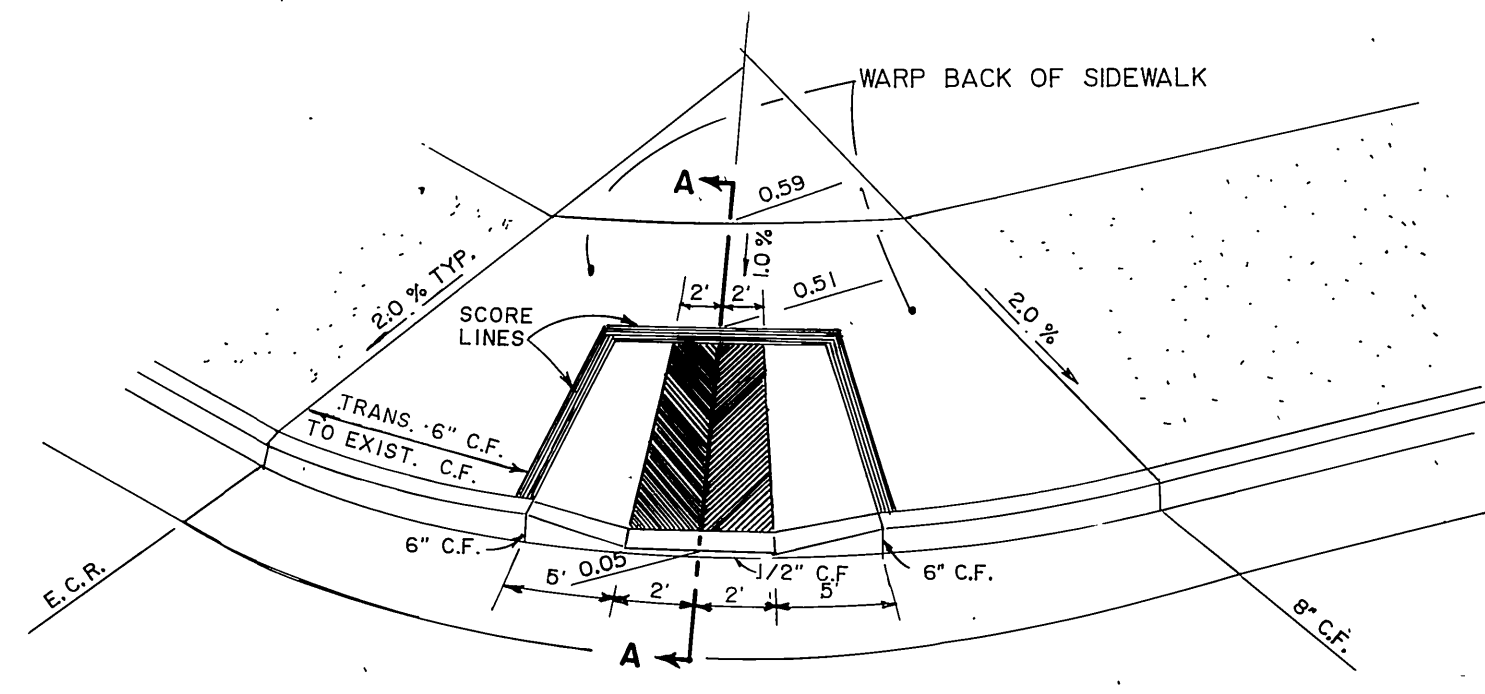
E 35
MODIFIED X-GUTTER
N.T.S.



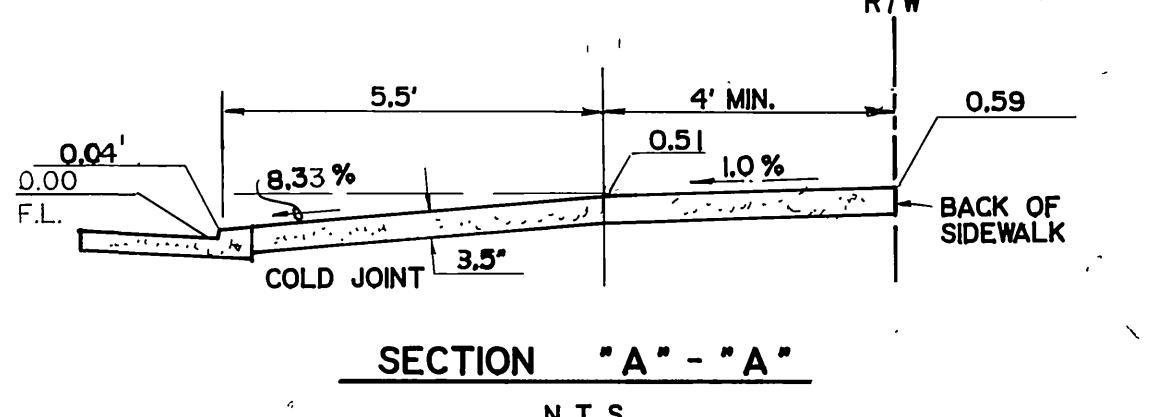
H 35
**6" OR 8" CURB / W
4' BIKE LANE**
N.T.S.



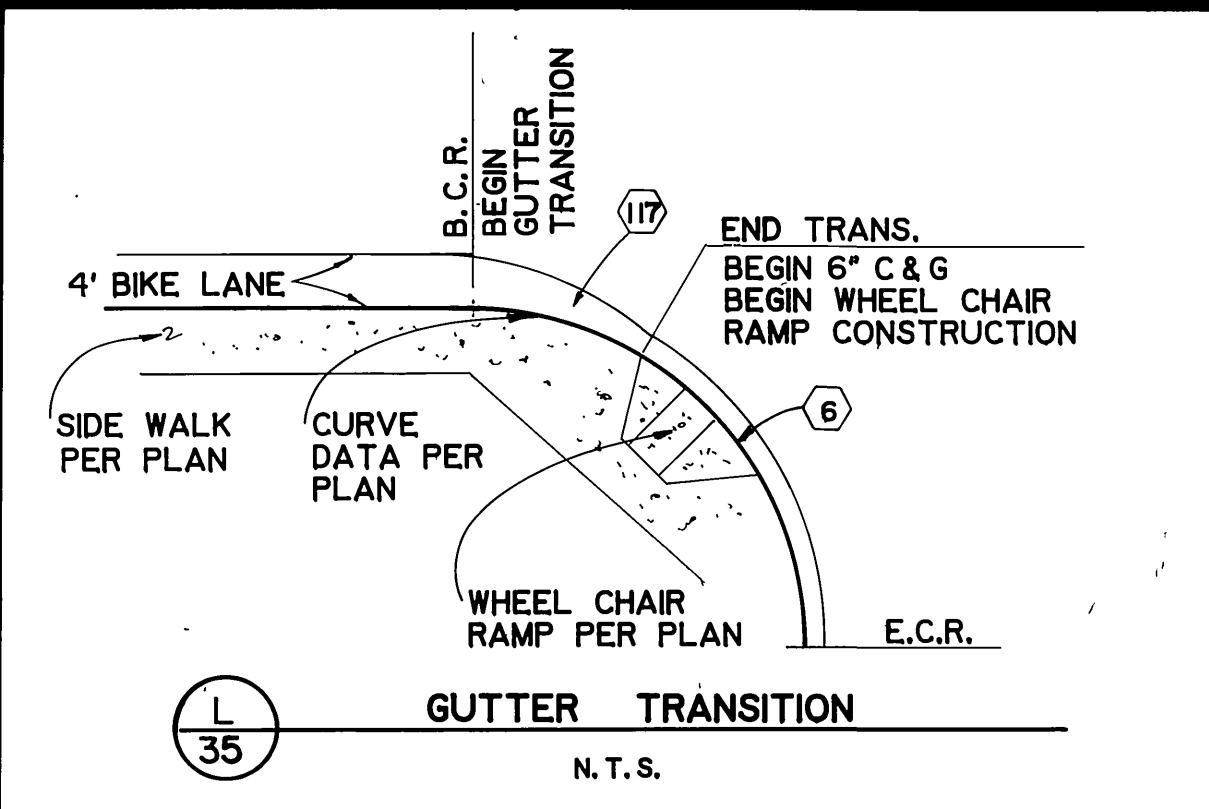
F 35
DEPRESSED CURB
N.T.S.



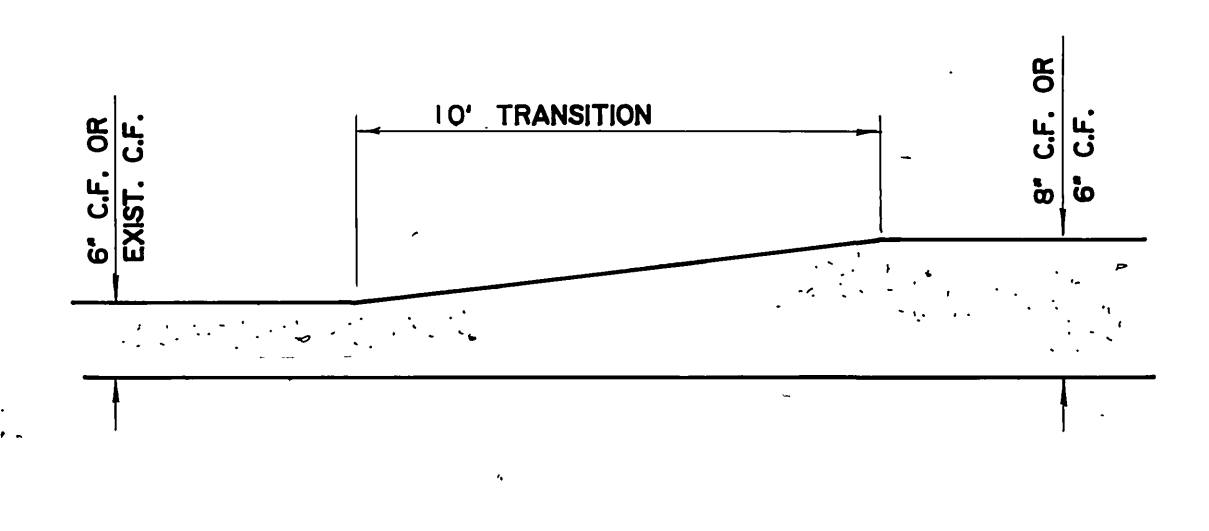
G 35
MODIFIED HANDICAP RAMP (TYPE II)
N.T.S.



SECTION "A-A"
N.T.S.



K 35
SIDEWALK TRANSITIONING
N.T.S.



J 35
CURB TRANSITIONING 8" TO 6"
N.T.S.

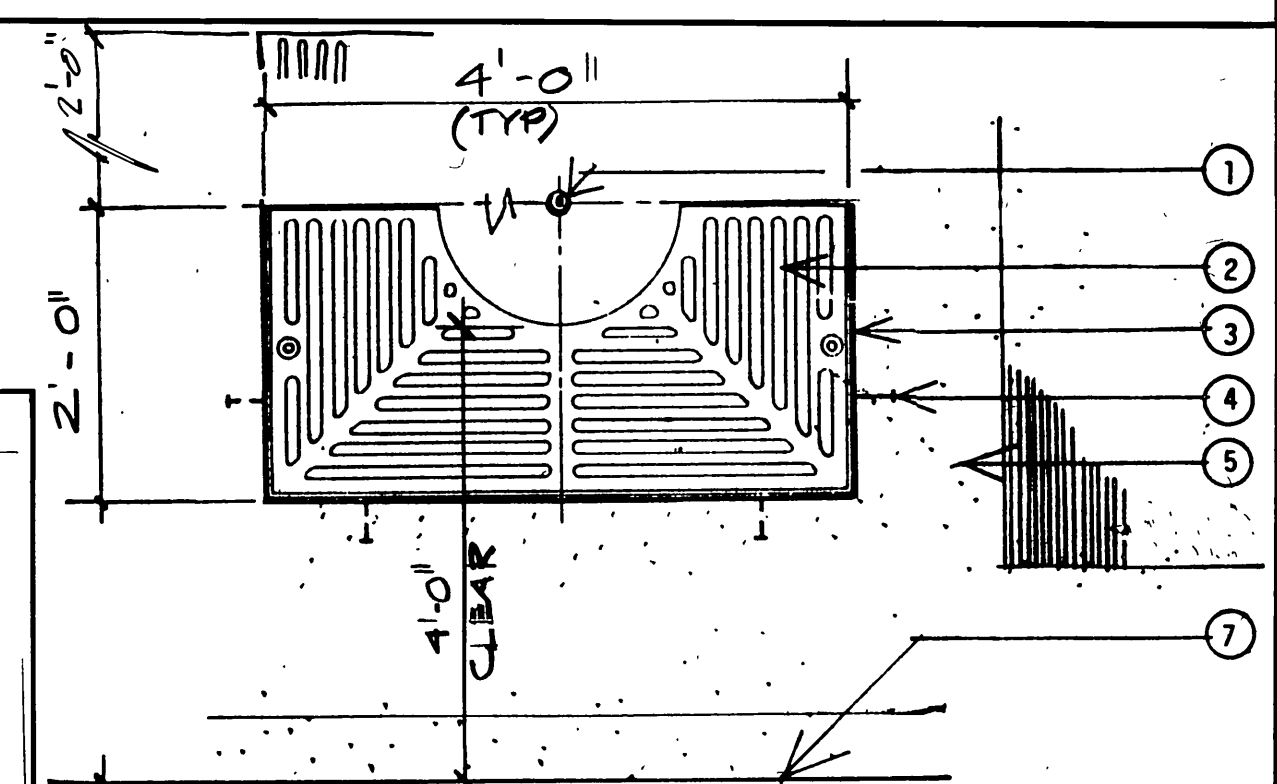
STATION TO STATION	0+00 TO 0+07	0+07 TO 30+0	30+0 TO 7+00
WIDTH	10'	11'	10'
HEIGHT	2'	4.5'	2.5'
WALLS	8"	8"	8"
BOTTOM SLAB	4" C.F.	4" C.F.	4" C.F.
A BARS	#4 @ 16" O.C.	#4 @ 16" O.C.	#4 @ 16" O.C.
HORIZ. LENGTH	3'-0"	3'-0"	3'-0"
SLOPE LENGTH	4'-4 1/2"	15'-4 1/2"	15'-4 1/2"
B BARS	#4 @ 16" O.C.	#4 @ 16" O.C.	#4 @ 16" O.C.
HORIZ. LENGTH	11'-5"	10'-3"	10'-3"
SLOPE LENGTH	2'-0"	2'-4"	2'-4"
C BARS	#4 @ 10" O.C.	#4 @ 10" O.C.	#4 @ 10" O.C.
SLOPE LENGTH	4'-4 1/2"	15'-4 1/2"	15'-4 1/2"
D BARS	#4 @ 10" O.C.	#4 @ 10" O.C.	#4 @ 10" O.C.
HORIZ. LENGTH	11'-5"	10'-3"	10'-3"
CONCRETE	3" X 4" @ 10" O.C.	3" X 4" @ 10" O.C.	3" X 4" @ 10" O.C.
STEEL	1/4" X 1/4" @ 74	1/4" X 1/4" @ 74	1/4" X 1/4" @ 74

DESIGN DATA:
 LIVE LOAD - H-20 TRUCK LOAD
 SOL. BEHAVIOR - 120 P.C.F.
 DEFLECTION - 1/250
 WIND - 3000 P.S.I.
 T₁ - 80000 P.S.I.
 T₂ - 80000 P.S.I.

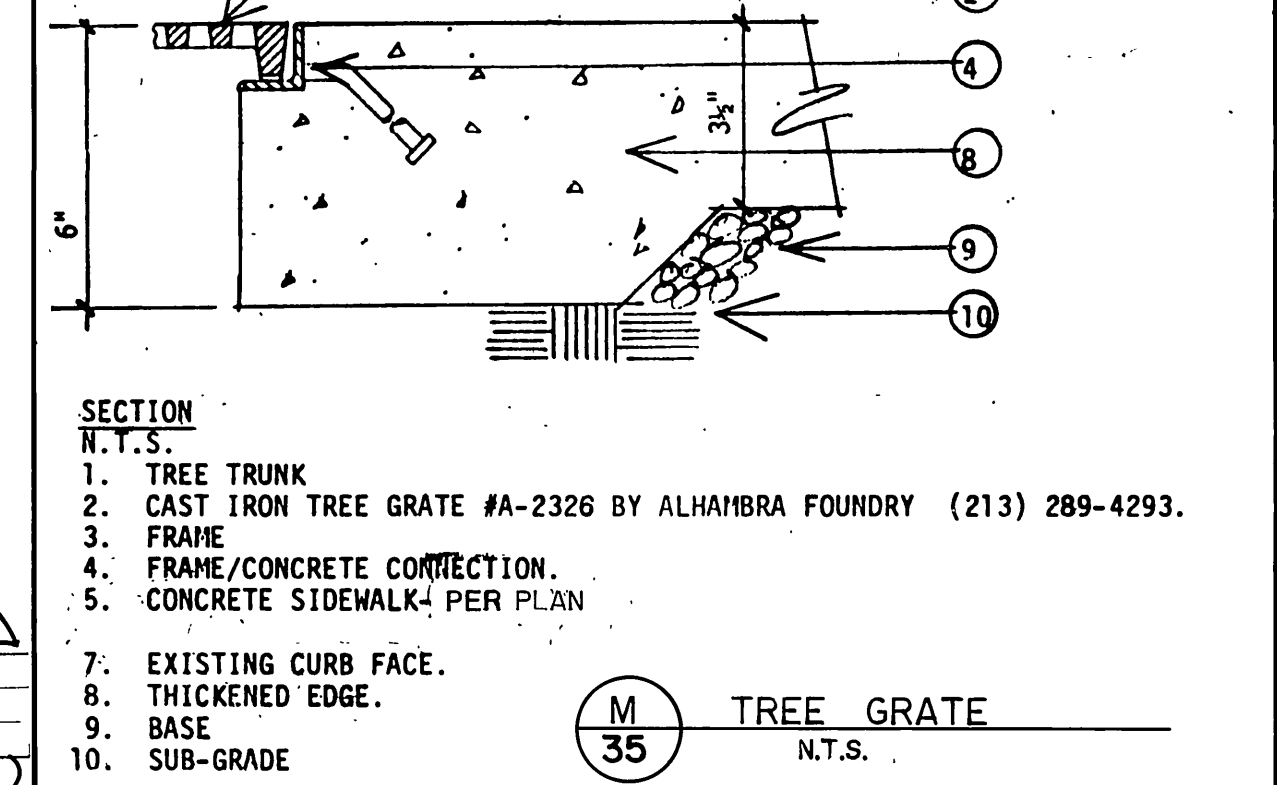
DETAILS:
 TRANSVERSE EXPANSION JOINT DETAIL A
 TRANSVERSE EXPANSION JOINT DETAIL B

NOTES:
 1. Structural concrete shall be Class "A".
 2. All longitudinal bars shall be #4 @ 16 inches. Place bars in bottom slab symmetrically about centerline. Place bars in walls starting at top with 2 inches clear cover.
 3. Clear cover for steel shall be 2 inches each face for walls and 3 inches each face for bottom slab.
 4. Steel is dimensioned to back of bar bend.
 5. For construction on curves, straight transverse bars in the slab shall be signed radially with spacing measured at walls. For bars in wall spacing shall be measured between vertical legs of bars.
 6. All transverse construction joints shall be in a vertical plane normal to the centerline. Continuous keyways shall be constructed as shown in detail A. A complete curtain of transverse steel shall be placed 3 inches from each face of the joints and longitudinal steel will not be continuous through the joints. An expansion joint shall be constructed between the reinforced concrete transition and reinforced concrete box sections as shown in detail B. Dowels shall be placed at 12 inch spacing centered in the middle third of the bottom slab and the top third of side walls. A minimum of 3 dowels per slab and walls shall be placed.
 7. Wedges shall be formed as shown in both walls at a spacing of 10 feet with one cubic foot of filler material wrapped in filter fabric placed at each hole.
 8. All quantities shown are approximate.
 9. All splices are subject to approval by the Engineer.

DETAIL 1: TRANSITION STRUCTURAL DETAILS



PLAN
3/4" = 1' - 0"

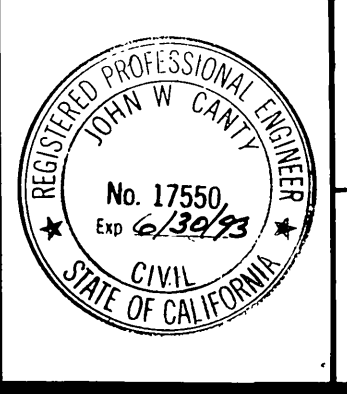


SECTION
N.T.S.

M 35
TREE GRATE
N.T.S.

Underground Service Alert
Call: TOLL FREE
1-800-422-4133
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:
J.F. Davidson
REGISTERED CIVIL ENGINEER NO. 17550
EXPIRATION DATE: 6-30-93 DATE: 7/31/90
APPROVED BY:

J.F. Davidson Associates, Inc.
ENGINEERING PLANNING SURVEYING ARCHITECTURE LANDSCAPE ARCHITECTURE
3880 Lemon Street, Suite 300 Colton, CA 92324 (919) 348-9551 (714) 686-0844 FAX 714-686-9554
11200 S. Mt. Vernon Ave., Suite "D" Colton, CA 92324 (714) 825-1082
73-080 El Paseo, Suite 106 Palm Desert, CA 92260 (619) 348-9551 FAX 619-340-0529

BENCH MARK: BRONZE DISK IN CONCRETE POST, STAMPED 601-26-68 AT THE BACK OF THE S.W. 65.5' S.E. OF THE C.L. OF MAGNOLIA AVE. 52.0' N.E. OF THE C.L. OF TYLER ST. ELEVATION= 742.243'

SCALE: 1"=20'
DATE: JULY 1990

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY: [Signature] DATE: 12/20/90
PRINCIPAL ENGINEER
PARK DEPARTMENT DATE: 12/20/90
TRAFFIC DIVISION DATE: 12/20/90
CHIEF P.W. ENGR. DATE: 12/20/90

DESIGNED BY: D.K. DRAWN BY: A.S. CHECKED BY: J.S.

TYLER MALL EXPANSION
C F D #90-2 IMPROVEMENT
STREET IMPROVEMENT PLAN
DETAILS

PROJECT NO. R-3194
SHEET 35 OF 35
FILE NO. 8911175

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