

GENERAL NOTES

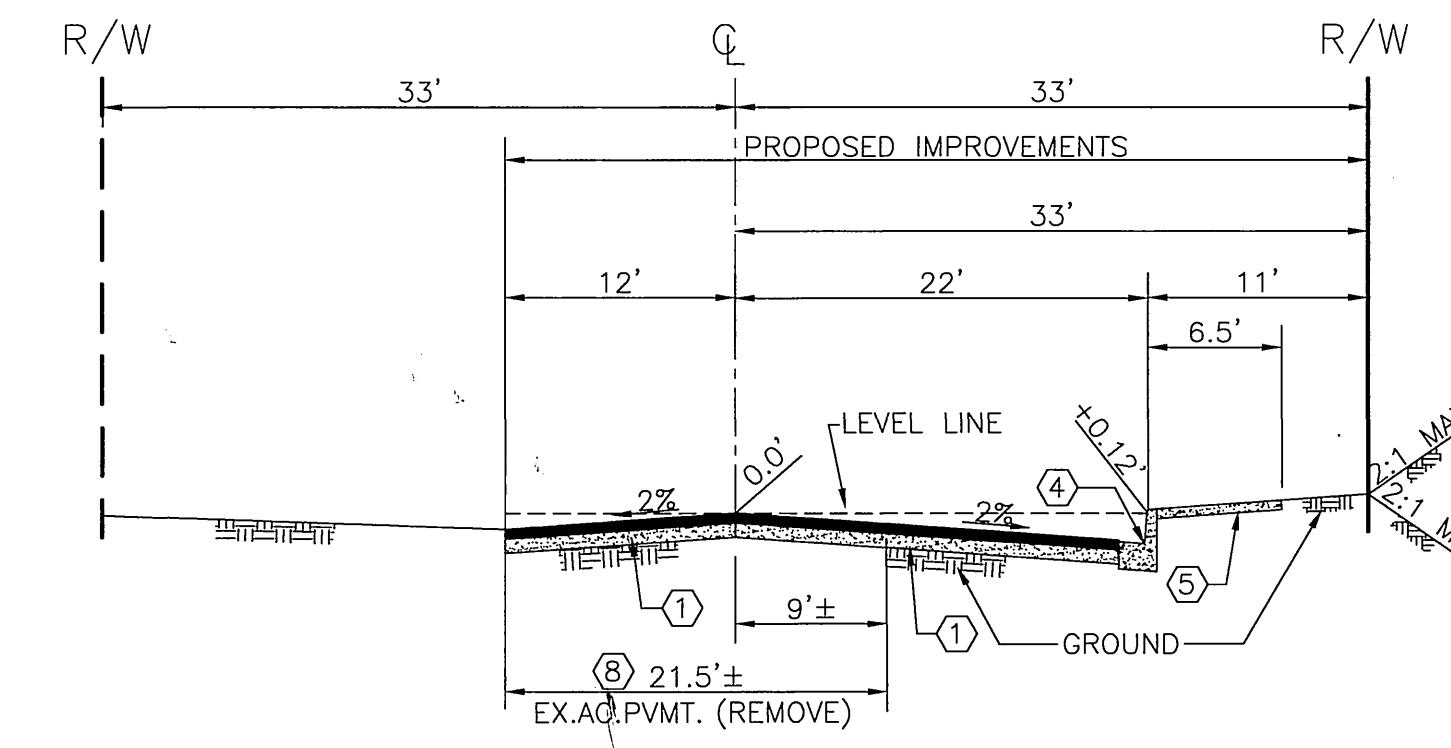
- NO PERSON SHALL PERFORM ANY CONSTRUCTION ACTIVITY OR INSTALL ANY OBJECTS WITHIN THE PUBLIC RIGHTS-OF-WAY OR EASEMENTS OF THE CITY OF RIVERSIDE WITHOUT A VALID CONSTRUCTION PERMIT OR AN ENCROACHMENT PERMIT, OR A STREET OPENING PERMIT ISSUED BY THE CITY'S PUBLIC WORKS DEPARTMENT.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CLEAR THE RIGHT-OF-WAY IN ACCORDANCE WITH THE PROVISIONS OF LAW AS IT AFFECTS EACH UTILITY INCLUDING IRRIGATION LINES AND APPURTENANCES AND AT NO COST TO THE CITY.
- CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF RIVERSIDE DEPARTMENT OF PUBLIC WORKS, STANDARD DRAWINGS, ITS SUPPLEMENTAL NOTES AND THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, CURRENT EDITION.
- TRIM EDGE OF EXISTING PAVEMENT WHERE NEW PAVEMENT JOINS TO A SMOOTH STRAIGHT LINE. CONSTRUCT MATCH-UP PAVING AS SHOWN ON PLAN AND OVERLAY PAVING AS DIRECTED IN THE FIELD TO PRODUCE A SMOOTH SECTION.
- ALL FLAGGED ELEVATIONS SHALL BE STAKED IN THE FIELD BY THE PRIVATE ENGINEER.
- 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 SIGNING THESE PLANS SHALL BE RESPONSIBLE FOR DETERMINING AN ACCEPTABLE SOLUTION AND REVISING THE PLANS FOR APPROVAL BY THE CITY.
- THE DEVELOPER SHALL BE RESPONSIBLE FOR PRESERVING OR RE-ESTABLISHING AND REFERENCING THE SURVEY MONUMENTS DESTROYED, DISTURBED OR BURIED AS A RESULT OF CONSTRUCTION SHOWN HEREON.
- ON ALL AREAS WITHIN PUBLIC RIGHT OF WAY WHERE THE FILL IS ONE (1) FOOT OR GREATER, A LETTER WILL BE REQUIRED FROM THE SOILS ENGINEER CERTIFYING THE COMPACTION OF THE FILL BELOW SUBGRADE, PRIOR TO ISSUANCE OF THE CONSTRUCTION PERMIT/CUT SHEETS.
- ALL TRAFFIC SIGNS SHALL BE INSTALLED PRIOR TO OPENING THE STREETS TO TRAFFIC.
- SEE RIVERSIDE ELECTRIC DRAWING UOL5-604876 FOR QUANTITY AND LOCATION OF REQUIRED STREET LIGHTS.
- 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.
- 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 INSPECTOR.
- THE CONTRACTOR SHALL CALL IN A LOCATION REQUEST TO UNDERGROUND SERVICE ALERT (USA) AT 800-227-2600, TWO WORKING DAYS BEFORE DIGGING. NO CONSTRUCTION PERMIT WILL BE ISSUED BY THE PUBLIC WORKS DEPARTMENT INVOLVING EXCAVATION FOR UNDERGROUND FACILITIES UNLESS THE APPLICANT HAS BEEN PROVIDED AN INQUIRY IDENTIFICATION NUMBER BY USA.
- QUANTITIES SHOWN ARE FOR INFORMATION ONLY AND THE CITY OF RIVERSIDE IS NOT RESPONSIBLE FOR THEIR ACCURACY.
- IN PAVEMENT OVERLAY AREAS, ANY DISTRESSED EXISTING PAVEMENT SHALL BE REMOVED AND REPLACED AS DIRECTED BY THE INSPECTOR PRIOR TO OVERLAYING WITH NEW AC PAVING.
- FINAL STRIPING FOR TRAFFIC CONTROL AND/OR PAVEMENT MARKING TO BE THE RESPONSIBILITY OF THE DEVELOPER.
- BEFORE THE RIP-RAP AT THE OUTLET OF ANY DRAINAGE STRUCTURE IS ACCEPTED BY THE CITY, IT SHALL BE TESTED UNDER FLOWS AS CLOSE AS POSSIBLE TO DESIGN CONDITIONS WITH THE WATER OBTAINED FROM THE FIRE HYDRANTS IN THE IMMEDIATE AREA.

GENERAL NOTES STREET TREE PLANTING

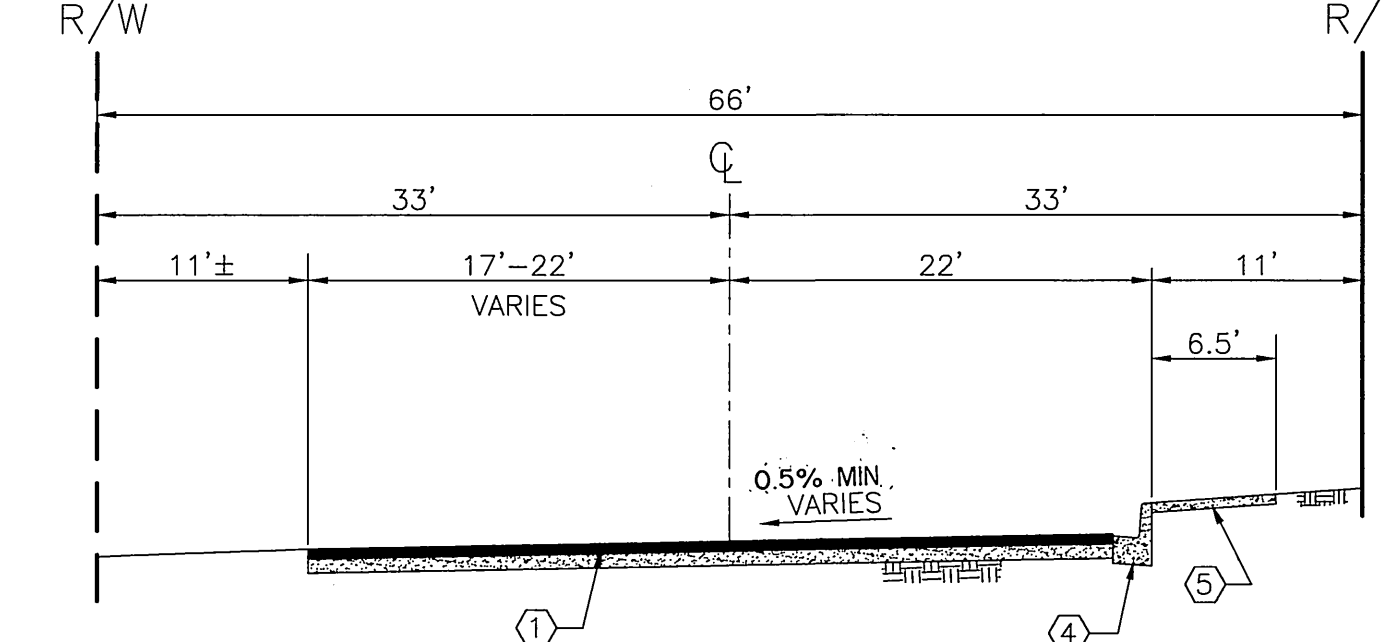
- ALL RELATED WORK SHALL CONFORM TO THE CITY OF RIVERSIDE, PARK AND RECREATION DEPARTMENT STANDARDS AND CITY OF RIVERSIDE STREET TREE POLICIES.
- CONTACT THE PARK PROJECTS INSPECTOR A MINIMUM OF 48 HOURS IN ADVANCE AT 715-3466 TO SCHEDULE INSPECTIONS. INSPECTIONS SHALL BE REQUIRED: A) WHEN PLANT LOCATIONS HAVE BEEN SPOTTED IN THE FIELD PRIOR TO DIGGING PLANTS PITS, 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, AND D) AT END OF MAINTENANCE/FINAL ACCEPTANCE DEVELOPER WILL BE RELEASED FROM MAINTENANCE ONLY UPON RECEIPT OF WRITTEN NOTIFICATION FROM THE CITY THAT THE PARK AND RECREATION DEPARTMENT IS ASSUMING MAINTENANCE RESPONSIBILITIES.
- THE DEVELOPER SHALL MAINTAIN ALL PLANTINGS FOR A MINIMUM PERIOD OF ONE (1) YEAR.
- ALL STREET TREES ARE TO BE PLANTED PRIOR TO OCCUPANCY.
- STREET TREE PLANTING SHALL BE AS FOLLOWS:

NOTICE TO CONTRACTOR

- THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THIS PLAN ARE OBTAINED BY SEARCH OF 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 DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITIES SHOWN AND ANY OTHER LINES OR STRUCTURES NOT SHOWN ON THESE PLANS.
- ALL CONTRACTORS AND SUBCONTRACTORS PERFORMING WORK SHOWN ON OR RELATED TO THESE PLANS SHALL CONDUCT THEIR OPERATIONS SO THAT ALL EMPLOYEES ARE PROVIDED A SAFE PLACE TO WORK AND THE PUBLIC IS PROTECTED. ALL CONTRACTORS AND SUBCONTRACTORS SHALL COMPLY WITH THE "OCCUPATIONAL SAFETY AND HEALTH REGULATION" OF THE U.S. DEPARTMENT OF LABOR, AND THE STATE OF CALIFORNIA DEPARTMENT OF INDUSTRIAL RELATIONS "CONSTRUCTION SAFETY ORDERS."
- THE CIVIL ENGINEER SHALL NOT BE RESPONSIBLE IN ANY WAY FOR THE CONTRACTORS AND SUBCONTRACTORS COMPLIANCE WITH THE "OCCUPATIONAL SAFETY AND HEALTH REGULATION" OF THE U.S. DEPARTMENT OF LABOR OR WITH THE STATE OF CALIFORNIA DEPARTMENT OF INDUSTRIAL RELATIONS, "CONSTRUCTION SAFETY ORDERS."
- CONTRACTOR FURTHER AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR THE 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 THE ENGINEER.



TYPICAL SECTION-NORTHGATE STREET
FROM STA. 10+56.87 TO STA. 15+46.00
T.I.=8.0
N.T.S.



TYPICAL SECTION-NORTHGATE STREET
FROM STA. 15+46.00 TO STA. 17+50.00
T.I.=8.0
N.T.S.

WATER DEPARTMENT NOTE:
DEVELOPER TO GIVE CITY WATER DEPARTMENT FIVE (5) WORKING DAYS WRITTEN NOTICE PRIOR TO START OF CONSTRUCTION AND TO ALLOW CITY TEN (10) WORKING DAYS FOR COMPLETION OF WORK.
909.351.6368

UTILITY INFORMATION

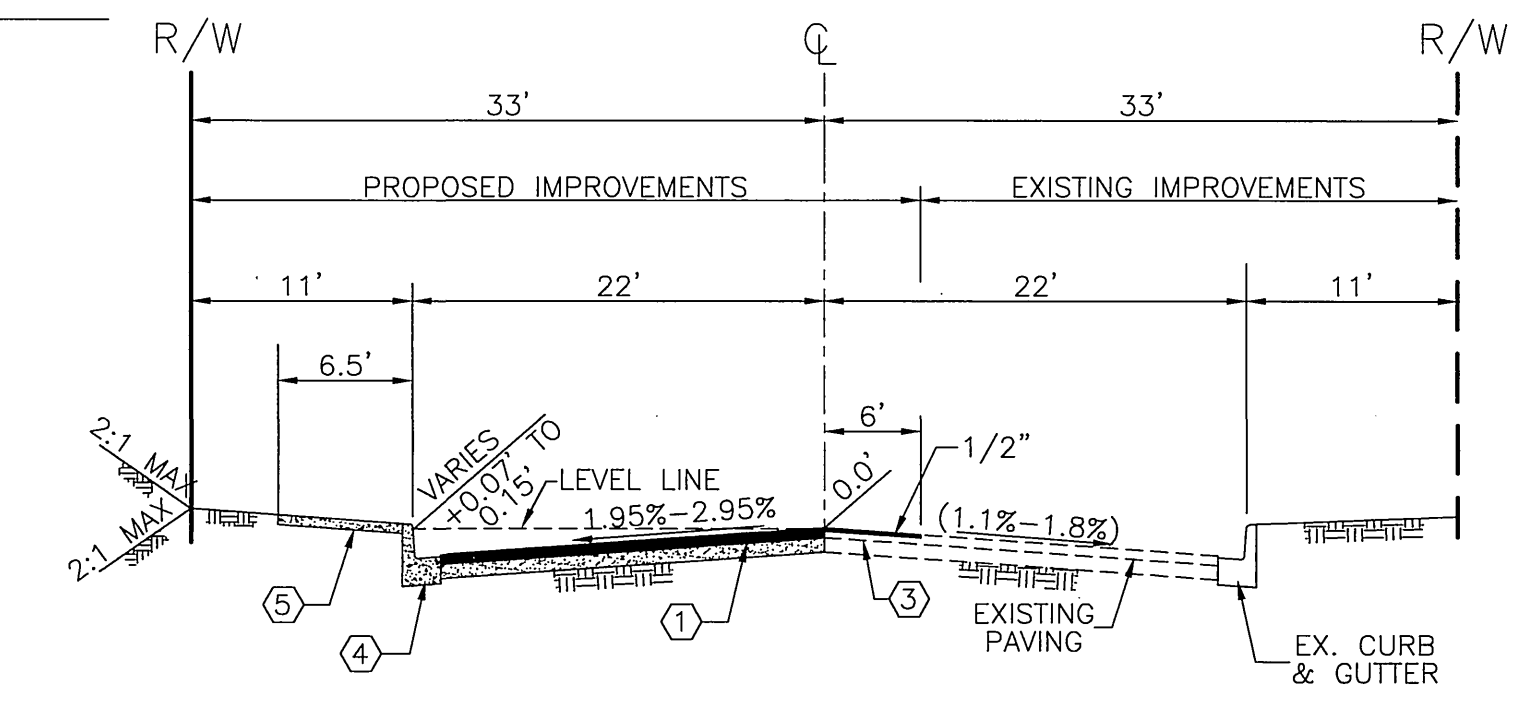
CONTACT UTILITY COMPANIES BEFORE EXCAVATION

- PACIFIC BELL (909) 359-2273
- SOUTHERN CALIF. GAS CO. (909) 335-7716
- CITY OF RIVERSIDE
ELECTRIC * (909) 826-5488
WATER (909) 826-5442
SEWER (909) 826-5341
- SO. PACIFIC PIPELINE KINDER MORGAN ENERGY (DON QUINN) (714) 560-4940

* CONTACT RIVERSIDE ELECTRIC 60 DAYS IN ADVANCE OF CONSTRUCTION FOR RELOCATION OF EXISTING POWER POLE.

INDEX SHEET

- SHEET 1 _____ COVER SHEET
SHEET 2 _____ STREET PLAN
SHEET 3 _____ MARLBOROUGH STREET
STREET PLAN/STORM DRAIN
NORTHGATE STREET

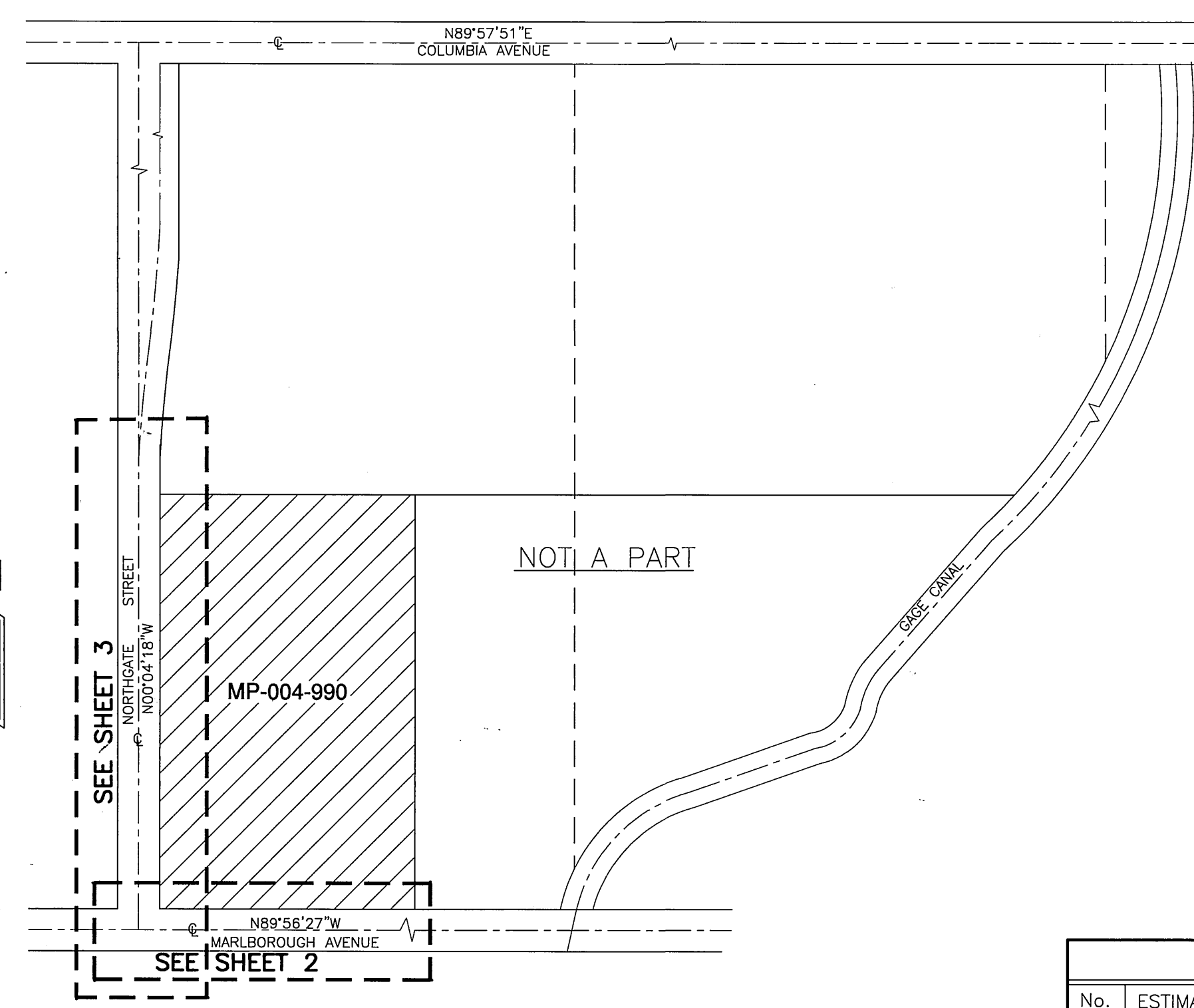


TYPICAL SECTION-MARLBOROUGH AVENUE
FROM STA. 20+56.87 TO STA. 24+20.00
T.I.=8.0
N.T.S.

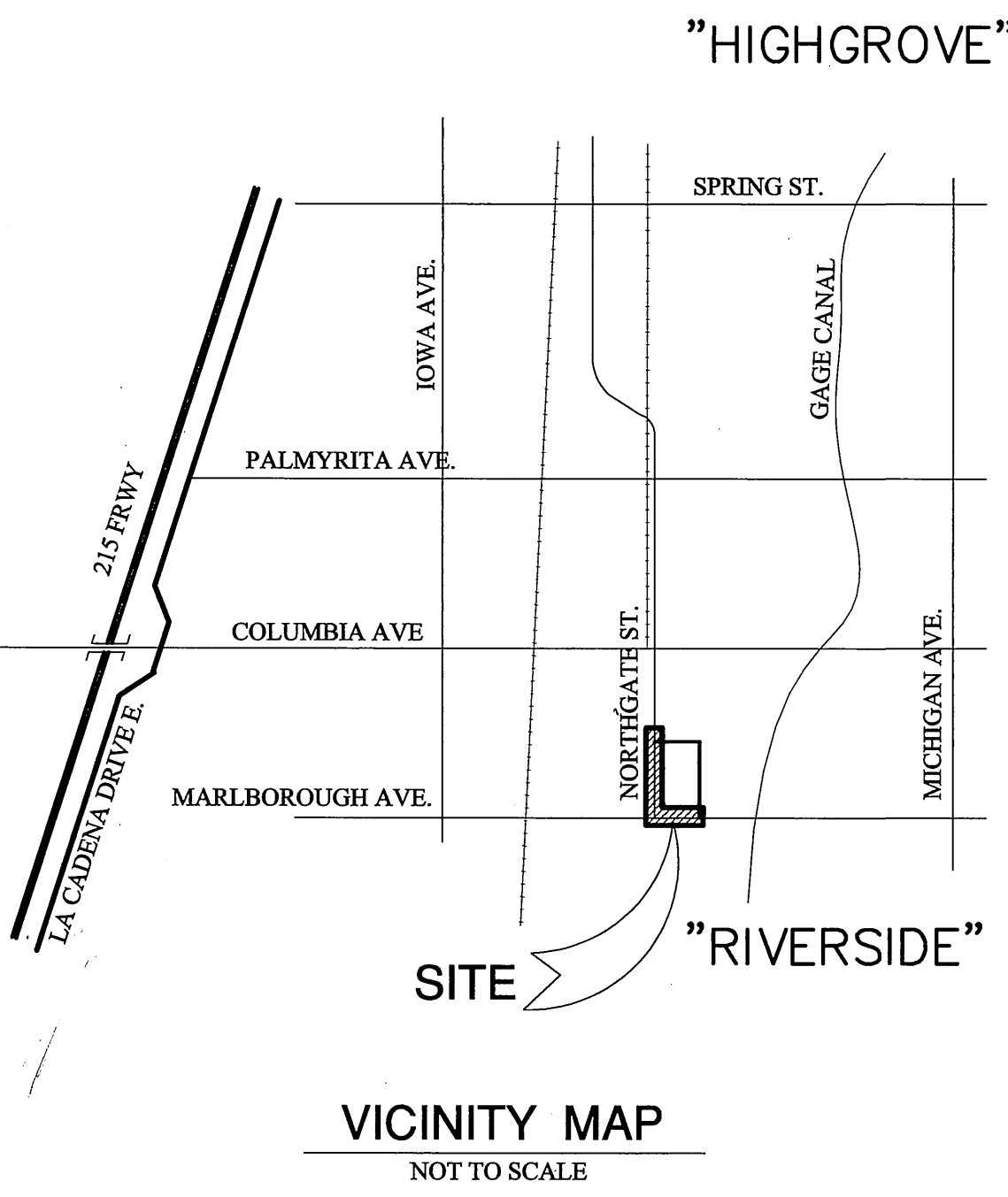
QUANTITIES			
No.	ESTIMATED	UNIT	DESCRIPTION
1	32,210	SF	0.33' AC PAVEMENT OVER 0.67' CRUSHED AGGREGATE BASE PER S.R. 1570 R=42
3	2,498	SF	GRIND AND OVERLAY EXISTING AC 0.10" THICKNESS PER DETAIL "C" SHT. 2
4	842	LF	TYPE 1 CURB & GUTTER (8"C.F.) PER CITY OF RIVERSIDE STD. 200
5	4,619	SF	SIDEWALK PER CITY OF RIVERSIDE STD 325
6	1	EA	WHEELCHAIR RAMP PER CITY OF RIVERSIDE STD 304, TYPE 1
7	2	EA	2' WIDE PARKWAY DRAIN INLET TYPE I PER CITY OF RIVERSIDE STD. DWG. NO. 410
7a	1	EA	4.5' PARKWAY DRAIN INLET TYPE I PER CITY OF RIVERSIDE STD. DWG. NO. 410
8	16,378	SF	REMOVE EXISTING PAVING
9	4	EA	WHEELCHAIR RAMP PER CITY OF RIVERSIDE STD 304 TYPE III
10	530	LF	REMOVE EXISTING REDWOOD HEADER
11	1	EA	32" DRIVEWAY
12	4	EA	GUIDE MARKER PER CITY OF RIVERSIDE STD. DWG. NO. 665
13	262	LF	18" RCP DRAIN PIPE
14	640	SF	20' WIDE CROSS GUTTER PER CITY OF RIVERSIDE STD. DWG. NO. 220
15	80	SF	20' WIDE DOWN DRAIN PER SECTION "A-A", SHT. 3
16	1	EA	DROP INLET PER S.D. PLANS SHT. 1 (D-690)
17	810	LF	REDWOOD HEADER
18	460	SF	20'x23' 1/4 TON GROUTED RIP-RAP
19	60	SF	6'x10' 1/4 TON GROUTED RIP-RAP
20	115	LF	REMOVE EXISTING DRAIN PIPE
21	1	EA	58' WIDE CONCRETE DRIVEWAY
22	22	LF	INSTALL STEEL GUARDRAIL PER CITY OF RIVERSIDE STD. DWG. NO. 650

CONSTRUCTION NOTES

- CONSTRUCT 0.33' AC PAVEMENT OVER 0.67' CRUSHED AGGREGATE BASE PER S.R. 1570 R=42
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- CONSTRUCT 4.5' PARKWAY DRAIN INLET TYPE I PER CITY OF RIVERSIDE STD. DWG. NO. 410
- REMOVE EXISTING PAVING
- CONSTRUCT WHEELCHAIR RAMP TYPE III PER CITY OF RIVERSIDE STD. DWG. NO. 304
- REMOVE EXISTING REDWOOD HEADER
- CONSTRUCT 32" DRIVEWAY SEE DETAIL RIGHT
- INSTALL GUIDE MARKERS PER CITY OF RIVERSIDE STD. DWG. NO. 665
- CONSTRUCT 18" RCP STORM DRAIN PIPE
- CONSTRUCT 20' WIDE CROSS GUTTER PER CITY OF RIVERSIDE STD. DWG. NO. 220
- CONSTRUCT 20' WIDE DOWN DRAIN PER SECTION "A-A" SHT. 3
- CONSTRUCT DROP INLET PER S.D. PLANS SHT. 1 (D-690)
- INSTALL REDWOOD HEADER
- INSTALL 10'x20' 1/4 TON GROUTED RIP-RAP
- INSTALL 6'x10' 1/4 TON GROUTED RIP-RAP
- REMOVE EXISTING DRAIN PIPE
- CONSTRUCT 58' WIDE CONCRETE DRIVEWAY
- INSTALL STEEL GUARDRAIL PER CITY OF RIVERSIDE STD. DWG. NO. 650



INDEX MAP
N.T.S.



VICINITY MAP
NOT TO SCALE

ELECTRIC: *But Mann* DATE: 11-14-01
TELEPHONE: *Joe Plasby* DATE: 10/30/01

BENCH MARK:
LEAD AND TACK IN THE TOP OF NORTHWEST CORNER OF A CATCH BASIN ON THE SOUTHWEST CORNER OF PALMYRITA AVENUE AND NORTHGATE STREET - SOUTHERLY.
ELEV. 981.648

CITY OF RIVERSIDE
DOMESTIC WATER SYSTEM
APPROVED BY: *[Signature]* DATE: 11/30/01



Southland Engineering
2200 BUSINESS WAY, Ste. 100
RIVERSIDE, CA 92501
(909) 788-8488
PREPARED UNDER THE SUPERVISION OF
[Signature]
ALLEN W. MARTIN
R.C.E. 36463
EXP. 3-31-05

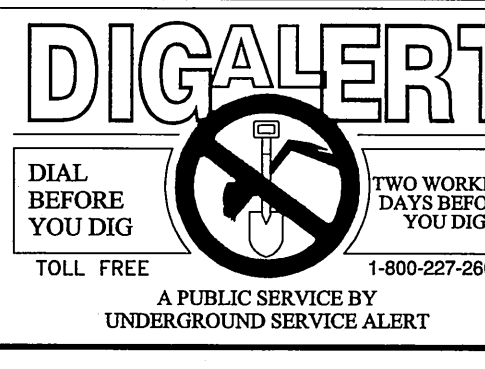
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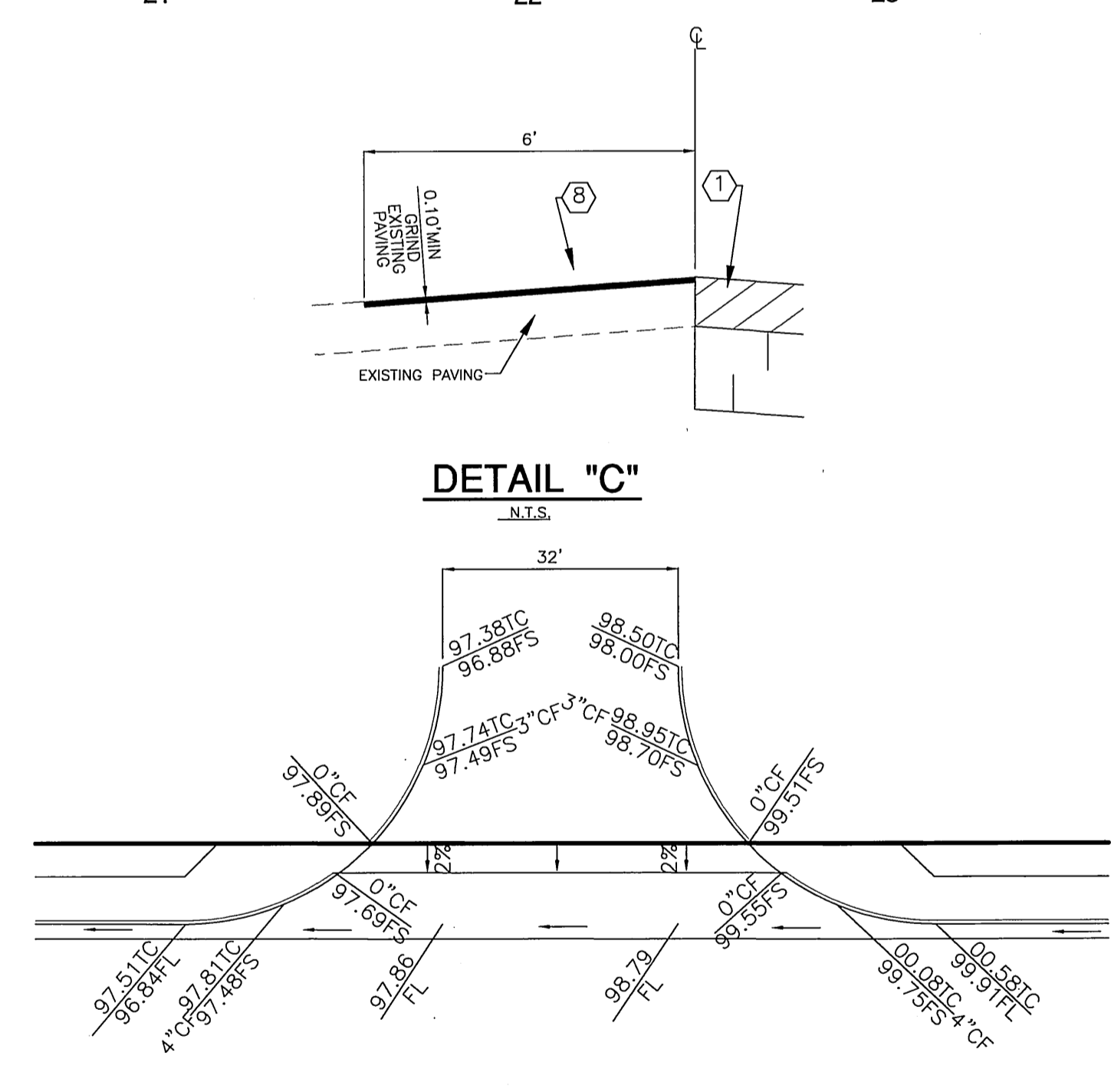
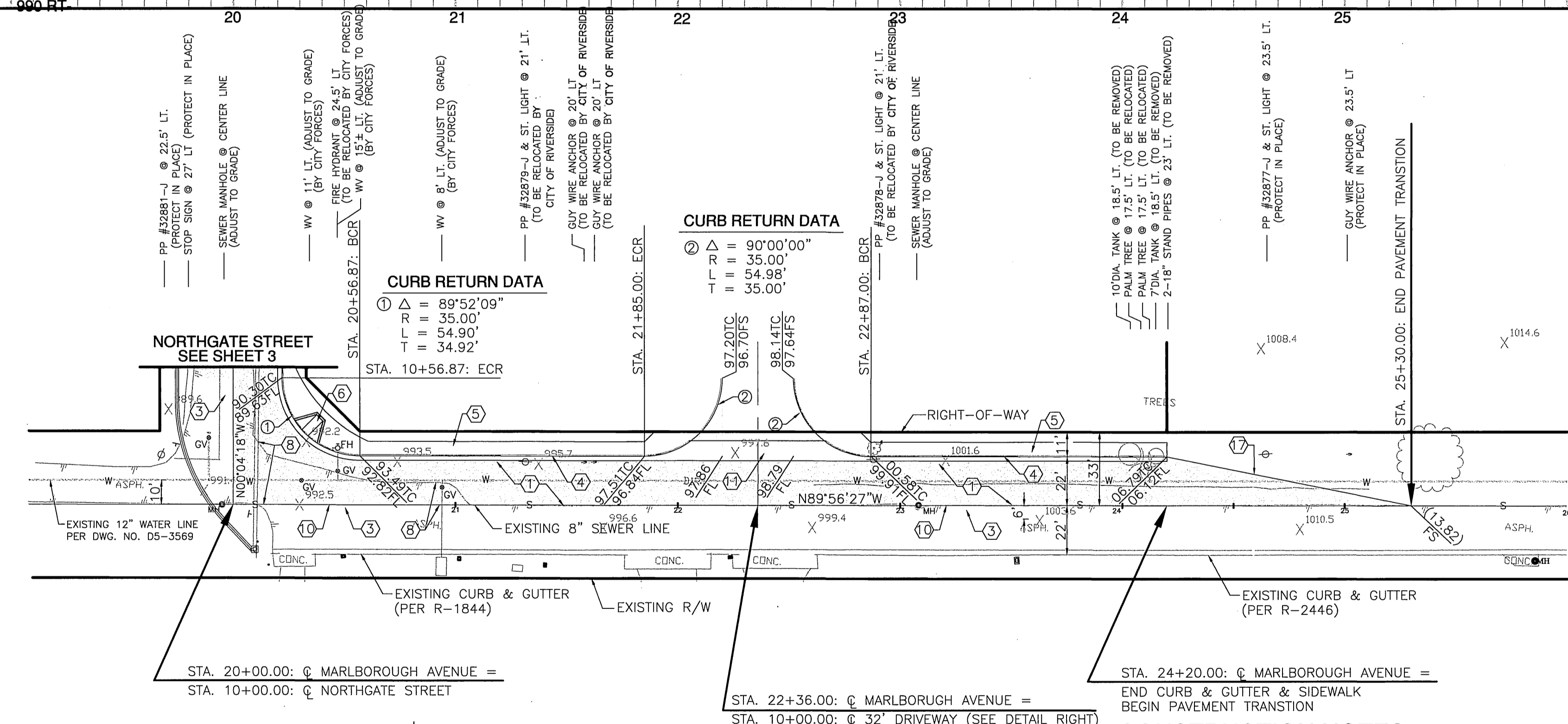
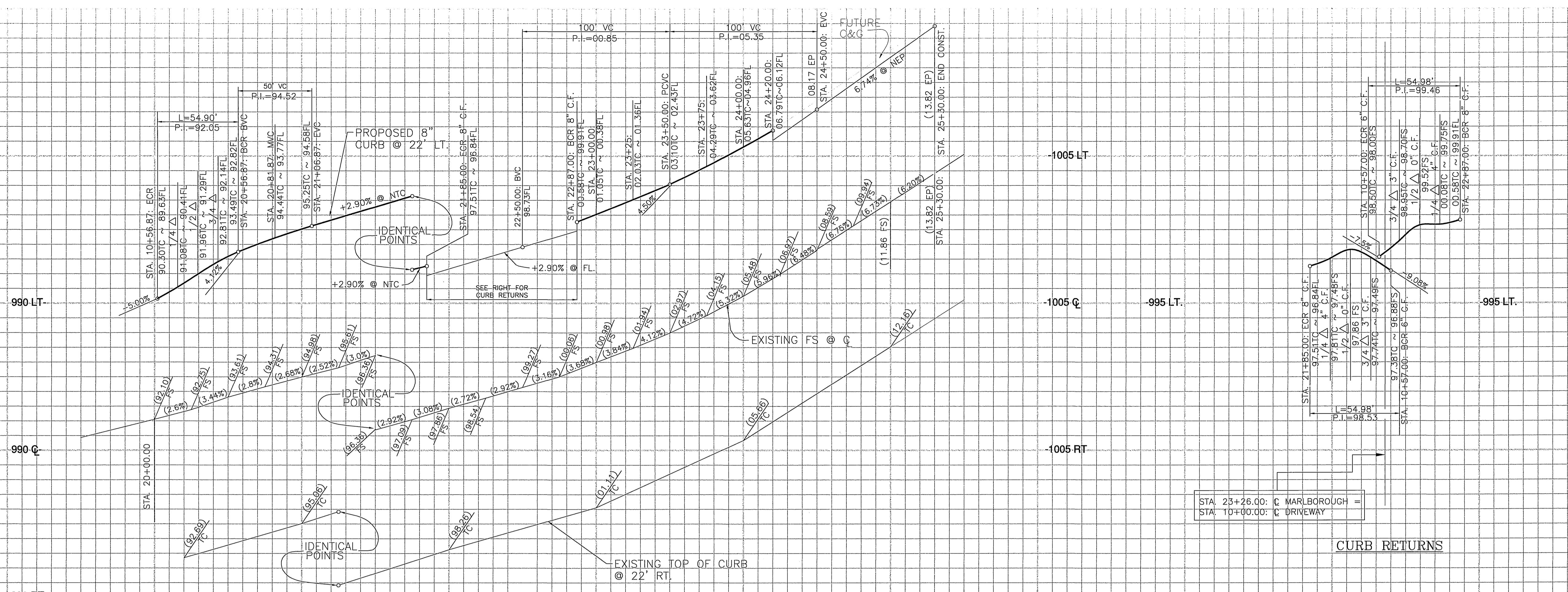
CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT
APPROVED BY: *[Signature]* DATE: 12/14/01
PRINCIPAL ENGINEER
TRAFFIC DIVISION
DEPUTY P.W. DIRECTOR
STREET SERVICES

STREET IMPROVEMENT PLANS
MP-004-990
TITLE SHEET
HORIZ. SCALE: 1" = 40'
VERT. SCALE: 1" = 4'

ACCOUNT NO.
R-3619
SHEET 1 OF 3
20122

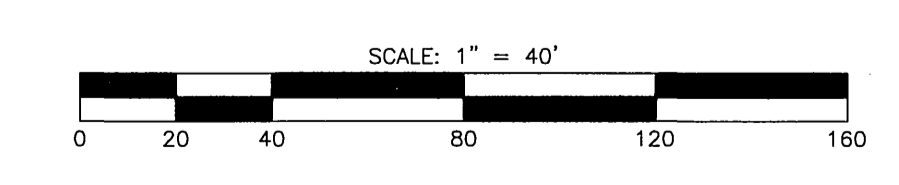
20122 (cont. 1 street plan cover sheet) 10-25-01 gr





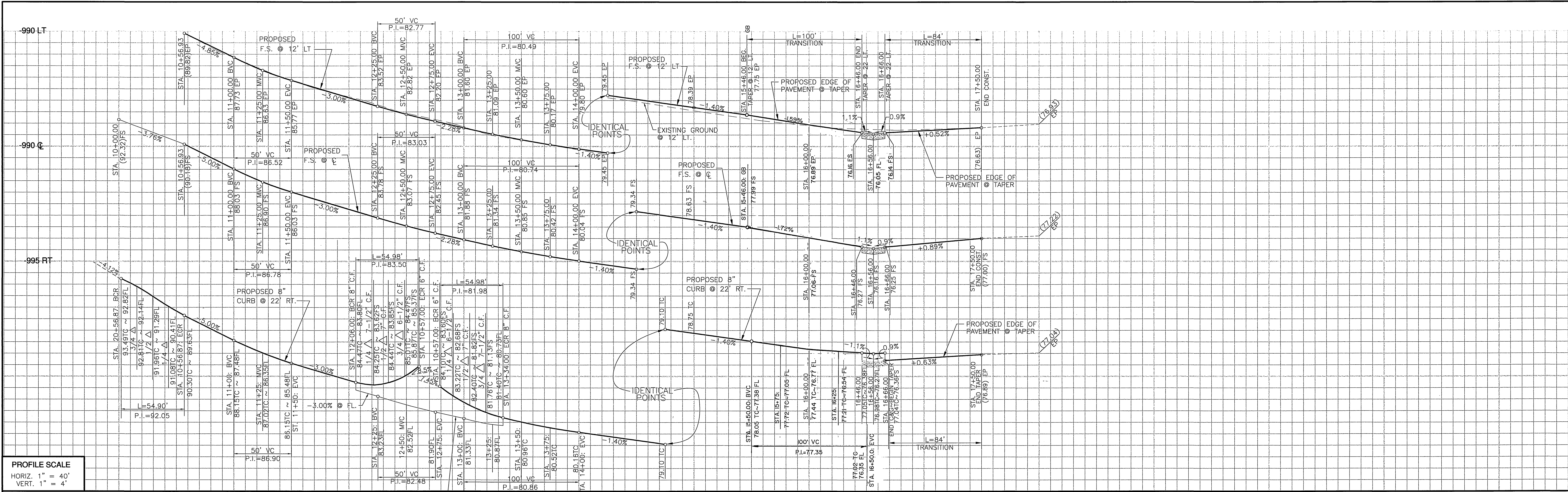
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MARLBOROUGH AVENUE

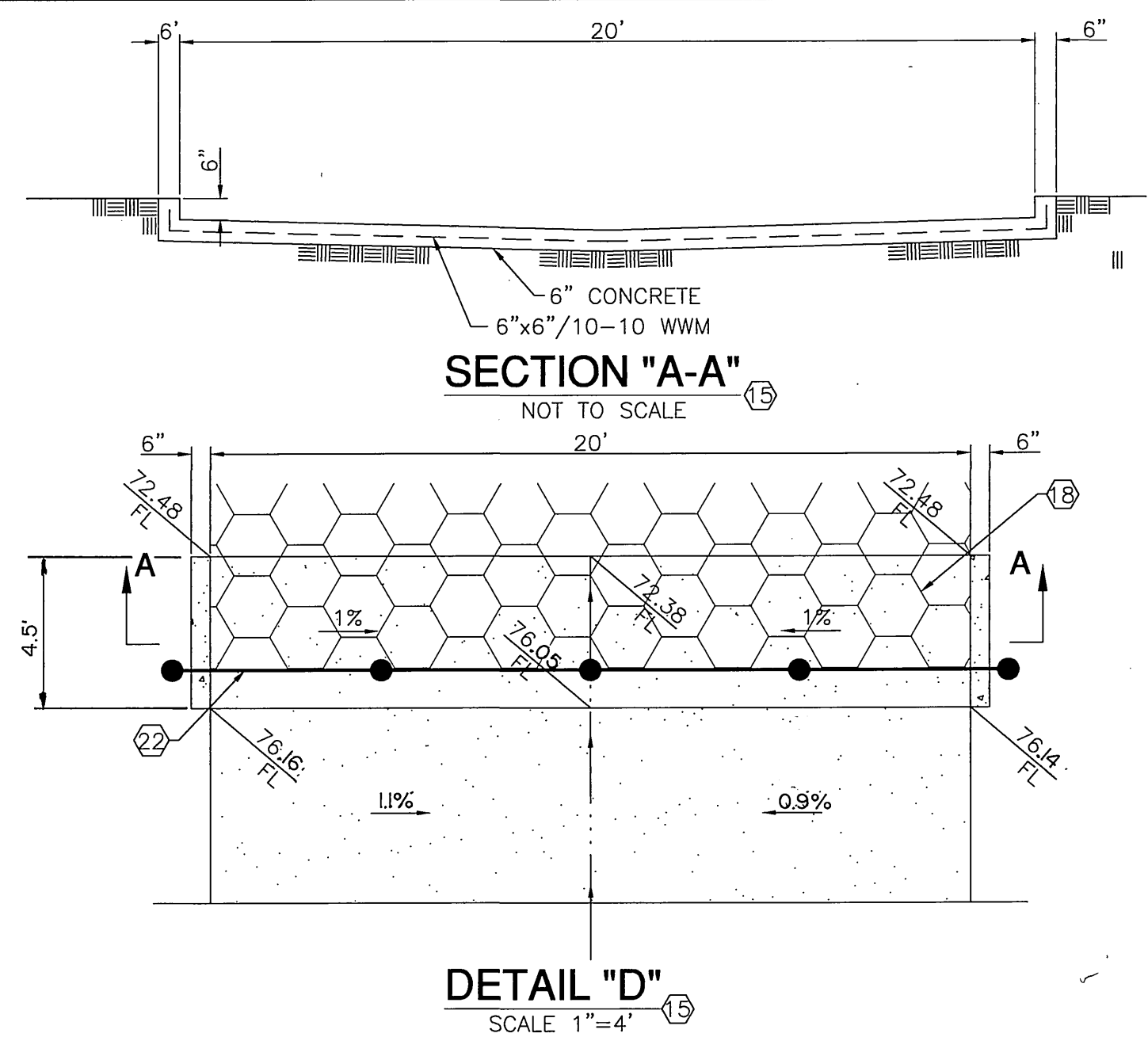
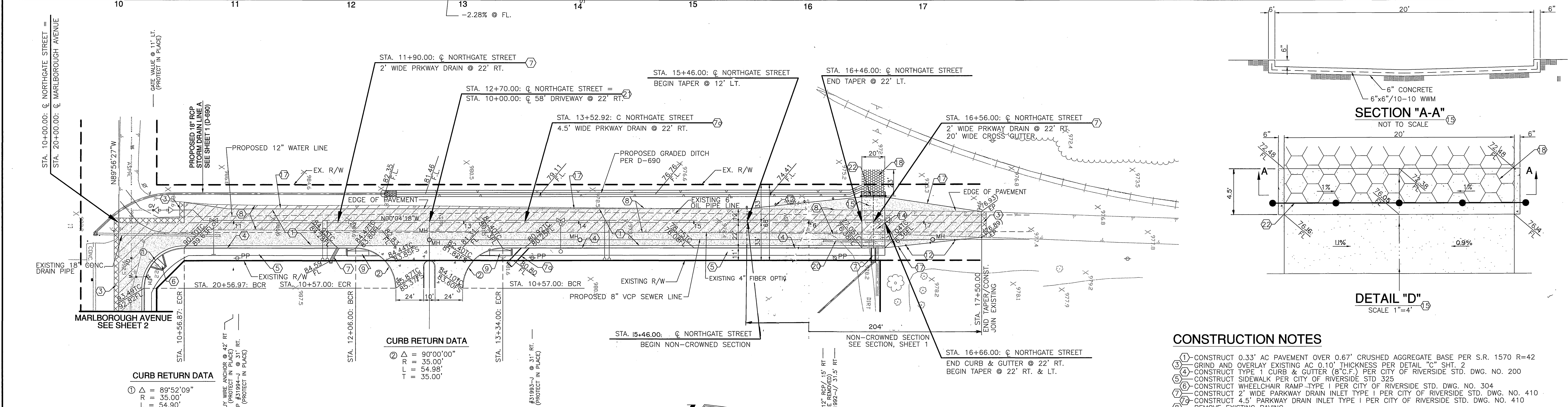


DIGALERT DIAL BEFORE YOU DIG TOLL FREE 1-800-227-2600 A PUBLIC SERVICE BY UNDERGROUND SERVICE ALERT	BENCH MARK: LEAD AND TACK IN THE TOP OF NORTHWEST CORNER OF A CATCH BASIN ON THE SOUTHWEST CORNER OF PALMYRITA AVENUE AND NORTHGATE STREET - SOUTHERLY. ELEV. 981.648	CITY OF RIVERSIDE DOMESTIC WATER SYSTEM APPROVED BY: <i>[Signature]</i> 11/30/01	Southland Engineering 2200 BUSINESS WAY, Ste. 100 RIVERSIDE, CA 92501 (909) 788-8488	CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT APPROVED BY: <i>[Signature]</i> PUBLIC WORKS DIRECTOR	STREET IMPROVEMENTS PLAN & PROFILE MP-004-990 MARLBOROUGH AVENUE FROM STA. 20+00.00 TO STA. 26+00.00	ACCOUNT NO. R- 3619 2 3 SHEET OF 20122
	PREPARED UNDER THE SUPERVISION OF <i>[Signature]</i> ALLEN W. MARPLE R.C.E. 38463	APPROVED BY: DATE: 2/14/01 DEPUTY P.W. DIRECTOR STREET SERVICES	HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 4'			

20122 (alt. 2 - marlborough street improvements) 10-25-01.dwg



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

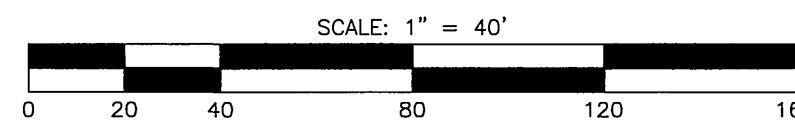


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 - INSTALL STEEL GUARD RAIL PER CITY OF RIVERSIDE STD. DWG. NO. 650

NORTHGATE STREET

CURB RETURN DATA
 ① Δ = 89°52'09"
 R = 35.00'
 L = 54.90'
 T = 34.92'

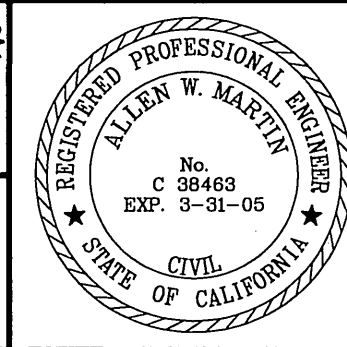
CURB RETURN DATA
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 R = 35.00'
 L = 54.98'
 T = 35.00'



DIGALERT
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 TWO WORKING DAYS BEFORE YOU DIG
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 LEAD AND TACK IN THE TOP OF NORTHWEST CORNER OF A CATCH BASIN ON THE SOUTHWEST CORNER OF PALMYRA AVENUE AND NORTHGATE STREET - SOUTHERLY.
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CITY OF RIVERSIDE
 DOMESTIC WATER SYSTEM
 APPROVED BY: *[Signature]* 11/30/01
 DATE



Southland Engineering
 2200 BUSINESS WAY, Ste. 100
 RIVERSIDE, CA 92504
 (909) 788-8488
 PREPARED UNDER THE SUPERVISION OF
[Signature]
 ALLEN W. MARTIN
 R.C.E. 38463 EXP. 3-31-05

MARK	DESIGNED BY	WUC	DRAWN BY	AR	CHECKED BY	AWM
REVISIONS	APPR.	DATE				

CITY OF RIVERSIDE
 PUBLIC WORKS DEPARTMENT
 APPROVED BY: *[Signature]* DATE: 12/14/01
 PUBLIC WORKS DIRECTOR

STREET IMPROVEMENTS PLAN & PROFILE
 MP-004-990
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 FROM STA. 10+00.00 TO STA. 23+25.97
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