

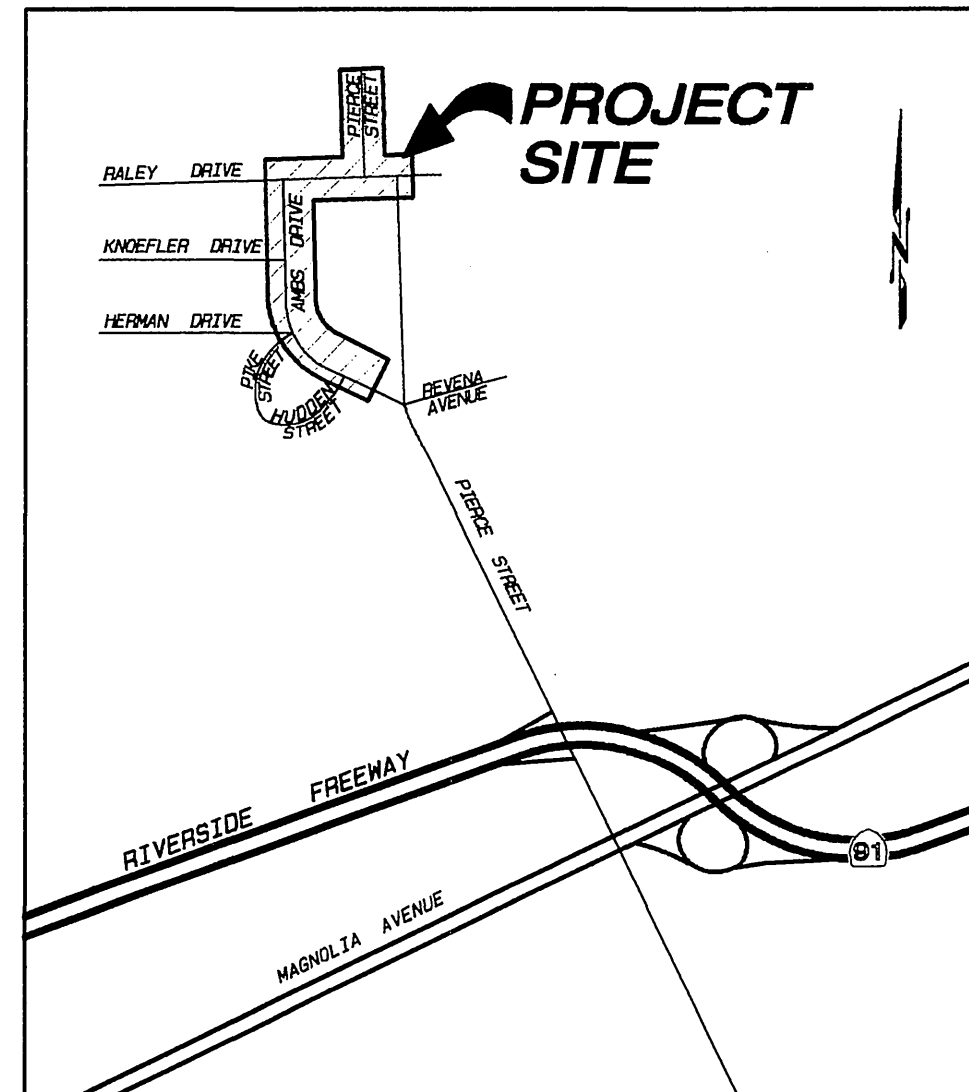
**STREET GENERAL NOTES**

- 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 A STREET OPENING PERMIT OR AN ENCROACHMENT 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.
- 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.
- QUANTITIES SHOWN ARE FOR INFORMATION ONLY AND THE CITY OF RIVERSIDE IS NOT RESPONSIBLE FOR THEIR ACCURACY.
- THE DEVELOPER SHALL BE RESPONSIBLE FOR PRESERVING OR RE-ESTABLISHING AND REFERENCING SURVEY MONUMENTS DESTROYED, DISTURBED OR BURIED AS A RESULT OF CONSTRUCTION SHOWN HEREON.
- SEE "STREET LIGHTING PLANS" FOR QUANTITY AND LOCATION OF REQUIRED STREET LIGHTS.
- ALL FLAGGED ELEVATIONS SHALL BE STAKED IN THE FIELD BY THE PRIVATE ENGINEER.
- WHERE NEW PAVEMENT IS TO JOIN THE EXISTING PAVEMENT, THE EDGE OF THE EXISTING PAVEMENT SHALL BE TRIMMED IN A SMOOTH AND STRAIGHT LINE AND SHALL RECEIVE HEADER CUTS. CONSTRUCT MATCH-UP PAVING AS SHOWN ON THE PLANS AND OVERLAY PAVING AS DIRECTED IN THE FIELD TO PRODUCE A SMOOTH SECTION.
- CONSTRUCT DRIVEWAY APPROACHES PER STANDARD DRAWING 302. EXACT SIZE AND LOCATION TO BE STAKED BY THE PRIVATE ENGINEER PRIOR TO CONSTRUCTION OF THE CURB AND GUTTER.
- THE SUBDIVIDER SHALL ARRANGE FOR A SOIL TEST TO BE MADE BY A SOILS ENGINEER AFTER THE STREETS HAVE BEEN PREPARED TO ROUGH GRADE AND PRIOR TO CURB AND GUTTER CONSTRUCTION. DEPTH OF BASE MATERIAL AND A.C. PAVING SHALL BE DETERMINED BY THE CITY OF RIVERSIDE DESIGN STANDARDS AND TEST PROCEDURES.
- ALL OVERHANGING TREE LIMBS THAT ARE LESS THAN 14' ABOVE THE STREET GRADE SHALL BE TRIMMED BACK.
- THE DEVELOPER AND/OR CONTRACTOR SHALL CONTACT THE STREET DIVISION (351-6127) TO PICK UP ANY EXISTING STD. 180 BARRICADES THAT ARE BEING REMOVED. THE CITY'S INSPECTOR WILL MAKE THE FINAL DETERMINATION ON WHETHER A BARRICADE CAN BE RELOCATED.
- 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.
- 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.
- FINAL STRIPING FOR TRAFFIC CONTROL AND/OR PAVEMENT MARKINGS TO BE THE RESPONSIBILITY OF THE DEVELOPER.
- THE CONTRACTOR SHALL CALL IN A LOCATION REQUEST TO UNDERGROUND SERVICE ALERT (USA), PHONE #1-800-227-2600, TWO WORKING DAYS BEFORE DIGGING. NO CONSTRUCTION PERMIT WILL BE ISSUED BY THE PUBLIC WORKS DEPARTMENT INVOLVING EXCAVATION FOR UNDERGROUND FACILITIES UNLESS THE APPLICANT HAS PROVIDED AN INQUIRY IDENTIFICATION NUMBER BY U.S.A.
- THE SEWER CONTRACTOR SHALL ADJUST MANHOLES FOR FINAL GRADE AFTER PAVING IS COMPLETED.
- 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 WATER OBTAINED FROM FIRE HYDRANTS IN THE IMMEDIATE AREA.
- IN PAVEMENT OVERLAY AREAS, ANY DISTRESSED EXISTING PAVEMENT SHALL BE REMOVED AND REPLACED AS DIRECTED BY THE INSPECTOR PRIOR TO OVERLAYING WITH A.C. PAVING.
- THE CONTRACTOR SHALL COORDINATE TRENCHING FOR CABLE TELEVISION WITH OTHER TRENCHING WITHIN THE PROJECT LIMITS.
- DEVELOPER TO GIVE CITY WATER DIVISION FIVE (5) WORKING DAYS WRITTEN NOTICE PRIOR TO START OF CONSTRUCTION AND TO ALLOW CITY FIFTEEN (15) WORKING DAYS FOR COMPLETION OF WORK. (951) 351-6368
- CITY FORCES WILL NOT ADJUST WATER VALVES. ALL WATER VALVE CANS TO BE ADJUSTED TO GRADE BY CONTRACTOR.

**PROFESSIONAL ENGINEER'S NOTICE TO CONTRACTOR:**

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 REGULATIONS" 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 SAID REGULATIONS AND ORDERS. CONTRACTOR FURTHER 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 CIVIL 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.

THE EXISTENCE AND APPROXIMATE LOCATIONS OF ANY UNDERGROUND UTILITIES OR STRUCTURES SHOWN ON THESE PLANS ARE OBTAINED BY A SEARCH OF THE AVAILABLE RECORDS. THE CIVIL ENGINEER ASSUMES NO LIABILITY AS TO THE EXACT LOCATION OF SAID LINES NOR FOR UTILITY OR IRRIGATION LINES WHOSE LOCATIONS ARE NOT SHOWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING ALL UTILITY AND IRRIGATION COMPANIES FOR ANY DAMAGE OR PROTECTION TO THESE LINES.



VICINITY MAP  
NOT TO SCALE

**BENCHMARK**

BRASS DISK STAMPED E2-9 IN CONCRETE IN CENTER OF A TRAFFIC ISLAND AT THE NORTHWEST CORNER OF PIERCE STREET AND AMBS DRIVE  
DATE: 1971  
ELEV. 726.776

**BASIS OF BEARING**

CENTERLINE OF AMBS DR. TAKEN AS N00°23'17"W PER M.B. 282/27-36 RIV. CO. REC'S. GRID BEARING IS N00°16'58"E.

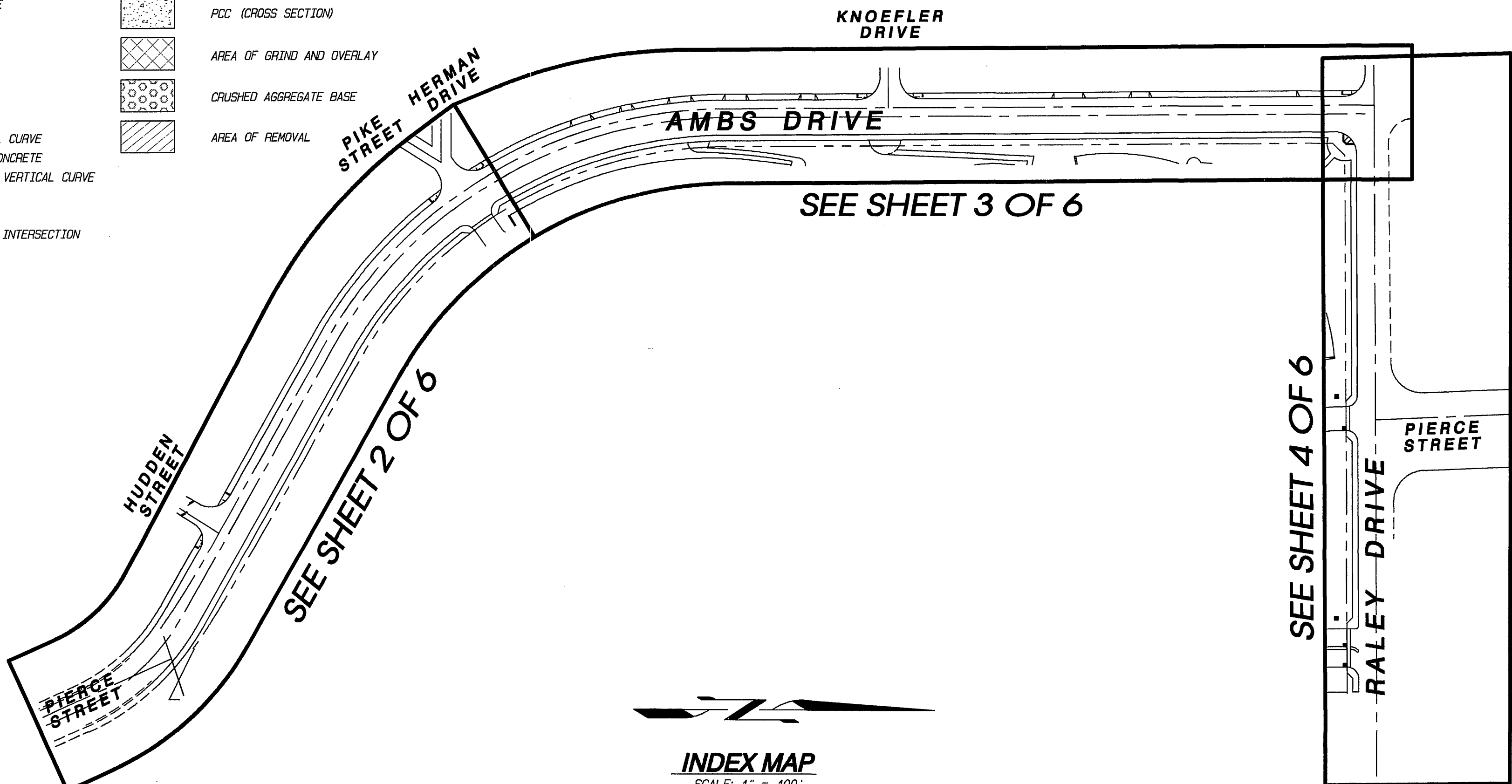
CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF STREET LIGHTS AND UNDERGROUND ELECTRIC UTILITY FACILITIES. CONTACT RIVERSIDE PUBLIC UTILITIES 60 DAYS IN ADVANCE OF CONSTRUCTION TO OBTAIN APPROVED STREET LIGHT AND ELECTRIC PLANS, & COORDINATE UNDERGROUNDS.

CONTACT: VAHID BAZEL  
PH. NO. (951) 826-5393  
3600 MAIN ST., 4TH FLOOR  
RIVERSIDE CA 92522

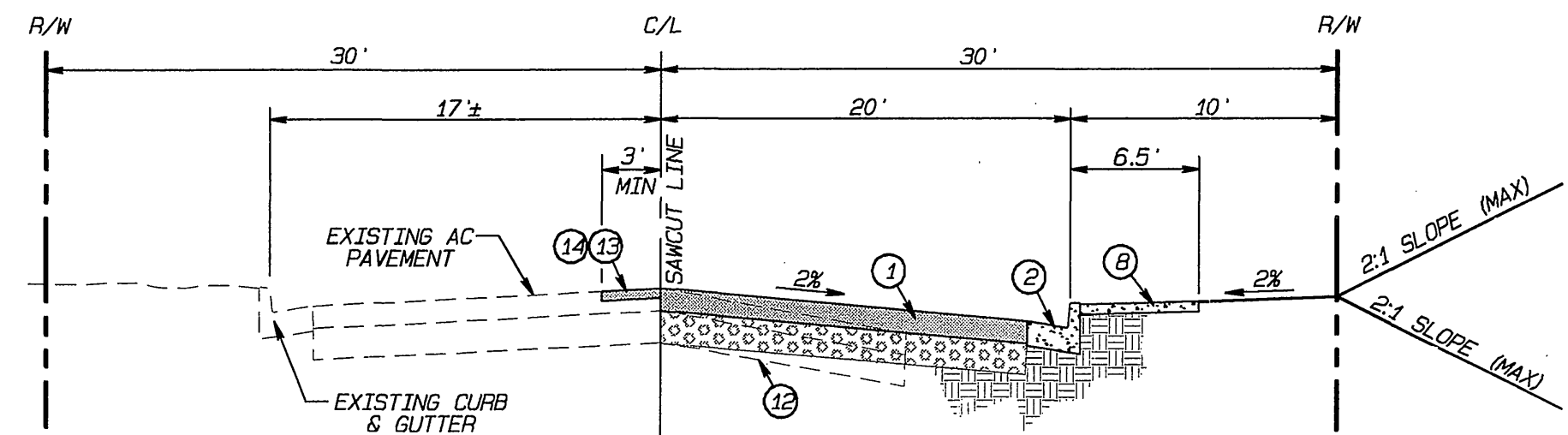
STREET LIGHTS PER APPROVED STREET LIGHT PLAN PREPARED BY CITY OF RIVERSIDE ELECTRICAL DEPARTMENT

**LEGEND**

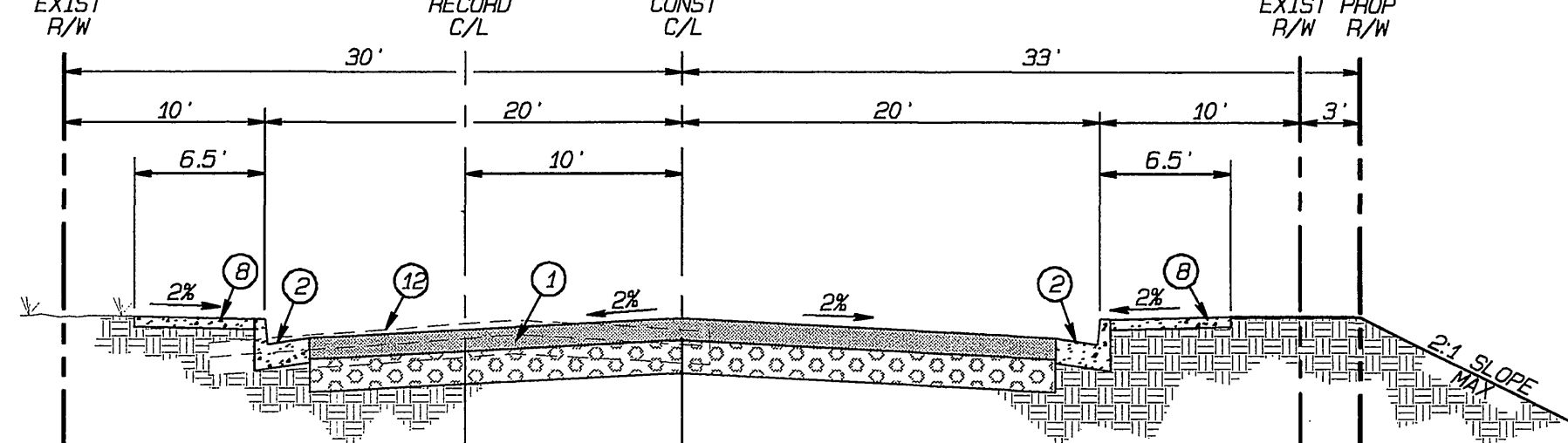
AC	ASPHALTIC CONCRETE	---	EXISTING EDGE OF PAVEMENT
BCR	BEGIN CURB RETURN	---	PROPOSED EDGE OF PAVEMENT
BVC	BEGIN VERTICAL CURVE	---	EXISTING CONTOUR
AB	CRUSHED AGGREGATE BASE	---	AC PAVEMENT
CB	CATCH BASIN	---	PCC SURFACING
C/L	CENTERLINE	---	PCC (CROSS SECTION)
CY	CUBIC YARDS	---	AREA OF GRIND AND OVERLAY
EOR	END CURB RETURN	---	CRUSHED AGGREGATE BASE
EP	EDGE OF PAVEMENT	---	AREA OF REMOVAL
EVC	END VERTICAL CURVE	---	
FG	FINISHED GROUND	---	
FL	FLOW LINE	---	
FS	FINISHED SURFACE	---	
GB	GRADE BREAK	---	
LF	LINEAR FEET	---	
MH	MANHOLE	---	
MVC	MIDDLE OF VERTICAL CURVE	---	
PCC	PORTLAND CEMENT CONCRETE	---	
PCVC	POINT OF COMPOUND VERTICAL CURVE	---	
PP	POWER POLE	---	
P/L	PROPERTY LINE	---	
PI	POINT OF VERTICAL INTERSECTION	---	
R/W	RIGHT OF WAY	---	
SD	STORM DRAIN	---	
SF	SQUARE FEET	---	
TC	TOP OF CURB	---	
●	BOLLARD	---	
○	MAILBOX	---	
○	MANHOLE	---	
○	WATER METER	---	
○	FIRE HYDRANT	---	
○	POWER POLE	---	
○	GUY WIRE	---	
○	STREET LIGHT	---	
○	CONSTRUCTION NOTE	---	
○	TREE	---	
○	PALM TREE	---	



INDEX MAP  
SCALE: 1" = 100'



RALEY DRIVE TYPICAL SECTION  
NOT TO SCALE  
TI=7.0 R=50



AMBS DRIVE TYPICAL SECTION  
NOT TO SCALE  
TI=7.0 R=50

**GENERAL NOTES FOR 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.
- WHEN CALLING FOR INSPECTIONS CONTACT THE STREET TREE INSPECTOR A MINIMUM OF 48 HOURS IN ADVANCE A (909) 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:
  - AFTER COMPLETION OF FINAL GRADING OF THE LOTS AND WHEN ALL UTILITY SERVICES AND SEWER LATERALS HAVE BEEN MARKED, BUT PRIOR TO DIGGING PLANT PITS. ALL STREET TREE LOCATIONS ARE TO BE SPOTTED IN THE FIELD BY THE STREET TREE INSPECTOR.
  - WHILE DIGGING PLANT PITS AND PLANTING/RELOCATING TREES.
  - AFTER PLANTING AND ALL OTHER INDICATED OR SPECIFIED WORK HAS BEEN COMPLETED, FOR START OF MAINTENANCE.
  - AT THE END OF THE MAINTENANCE PERIOD, THE CONTRACTOR /DEVELOPER SHALL CALL THE STREET TREE INSPECTOR AT (909)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.
- ALL STREET TREES ARE TO BE PLANTED PRIOR TO OCCUPANCY.
- THE DEVELOPER SHALL BE RESPONSIBLE TO MAINTAIN ALL PLANTINGS FOR A MINIMUM PERIOD OF ONE (1) YEAR.
- STREET TREE PLANTING SHALL BE AS FOLLOWS:
 

STREET NAME	BOTANICAL NAME/COMMON NAME	SIZE	SPACING	REQUIRED
AMBS DRIVE	LAGERSTROEMIA INDICA / CRAPE MYRTLE	15 GAL.	45' O.C.	34 EA.
RALEY DRIVE	PINUS CANARIENSIS / CANARY ISLAND PINE	24" BOX	45' O.C.	11 EA.
- BOTH A STREET 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 CONSTRUCT PCC ACCESS RAMP 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.

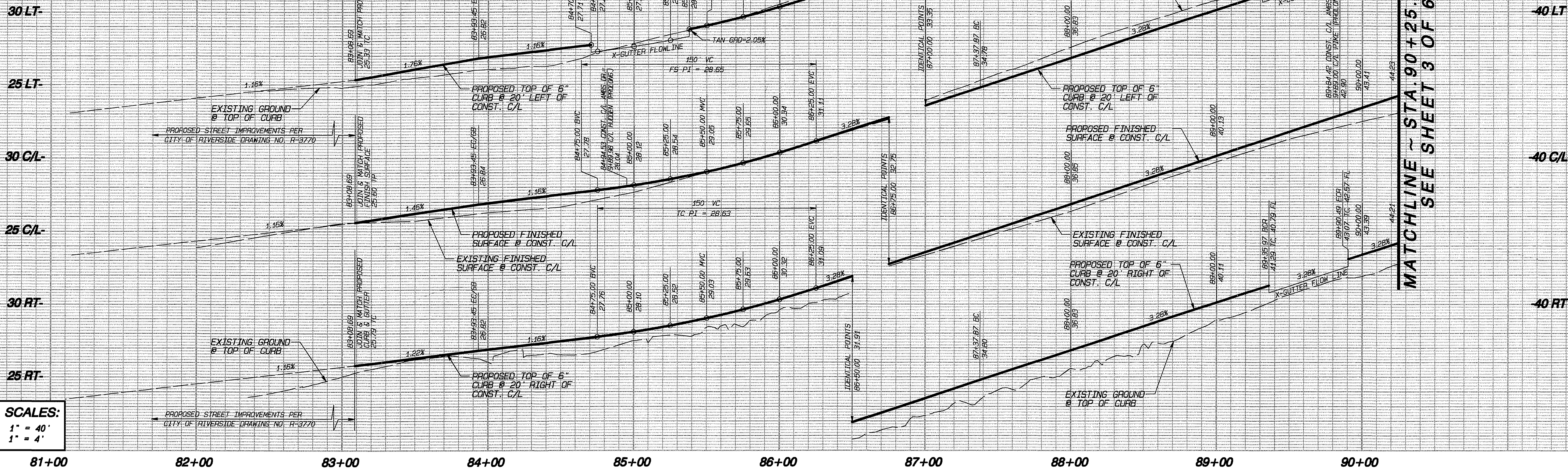
NOTE: IN THE INTEREST OF PUBLIC SAFETY AND MAINTENANCE THE STREET TREE INSPECTOR SHALL HAVE THE AUTHORITY TO REVISE THE STREET TREE QUANTITIES AND LOCATIONS SHOWN ON APPROVED PLANS BASED UPON FIELD CONDITIONS FOUND AT THE TIME OF INSTALLATION OF THE TREES.

**CONSTRUCTION NOTES AND QUANTITIES ESTIMATES**

- CONSTRUCT 3.5" AC OVER 6" (CLASS 2) AB PER GEOTECHNICAL REPORT (88324 SF) 3854 TONS AC/1635 CY AB
- CONSTRUCT 6" PCC CURB & GUTTER (TYPE 1) PER RIV. CITY STD. DWG. NO. 200 3675 LF
- CONSTRUCT PCC CROSS GUTTER PER RIV. CITY STD. DWG. NO. 220 (WIDTH PER PLAN) 2870 SF
- CONSTRUCT 6" AC BERM (TYPE 1) PER RIV. CITY STD. 250 100 LF
- CONSTRUCT PCC DRIVEWAY APPROACH PER DETAIL "I" ON SHEET 6 3 EA
- CONSTRUCT PCC ACCESS RAMP PER RIV. CITY STD. DWG. NO. 304, TYPE 1 1 EA
- CONSTRUCT PCC DRIVEWAY APPROACH PER DETAIL, ON SHEET 6 1 EA
- CONSTRUCT PCC CURB SIDEWALK PER RIV. CITY STD. DWG. NO. 325 19550 SF
- CONSTRUCT 4" PCC CONCRETE & STEPS PER DETAIL "M" ON SHEET 6 1 EA
- CONSTRUCT PCC DRIVEWAY APPROACH WITH CURB SIDEWALK PER RIV. CITY STD. NO. 302 (TYPE CURB-7) 740 SF
- CONSTRUCT 4" AC DRIVEWAY OVER COMPACTED NATIVE SOIL 11 TONS
- SAWCUT, REMOVE & DISPOSE OF EXISTING AC/AB PAVEMENT 72850 SF
- COLD PLANE GRIND/HEADER GRIND 0.12" MIN. (3" WIDE MIN.) 2665 SF
- OVERLAY EXISTING PAVEMENT WITH 0.12" AC MIN. (2665 SF) 29 TONS
- ADJUST EXISTING M.H. R/W TO PROPOSED FINISH GRADE 7 EA
- RELOCATE EXISTING WATER METER TO STANDARD CITY LOCATION BY CITY WATER FORCES 26 EA
- EXISTING POWER POLE TO BE SALVAGED TO CITY CORPORATE YARD, ELECTRICAL LINES TO BE RELOCATED BY CITY OF RIVERSIDE ELECTRICAL DEPARTMENT 8 EA
- RELOCATE FIRE HYDRANT BEHIND CURB BY CITY FORCES 4 EA
- RELOCATE EXISTING STREET SIGN PER SIGNING & STRIPING PLANS 12 EA
- RELOCATE EXISTING MAILBOX TO POSTMASTER APPROVED LOCATION BEHIND PROPOSED CURB 14 EA
- RE-GRADE EXISTING DIRT DRIVEWAY/WALKWAY/YARD FOR SMOOTH TRANSITION TO PROPOSED DRIVEWAY APPROACH OR BACK OF PROPOSED WALK 11 EA
- CONSTRUCT 4" PCC DRIVEWAY (520-C-2500) OVER COMPACTED NATIVE 25 LF
- RE-SET EXISTING CHAIN LINK FENCE TO PROPOSED FINISH GRADE 11 EA
- ADJUST TO FINISH GRADE 11 EA
- PROTECT IN PLACE
- SAWCUT, REMOVE & DISPOSE OF EXISTING CONCRETE 120 SF
- REMOVE & DISPOSE OF EXISTING TREE & ROOT SYSTEM 6 EA
- EXISTING VALVE CAN TO BE REMOVED BY CITY FORCES 4 EA
- RE-GRADE EXISTING DRIVEWAY WITH 2" MIN. THICKNESS OF GRAVEL 350 SF
- CONSTRUCT (ECCENTRIC) MANHOLE PER CITY OF RIVERSIDE STD. NO. 500 4 EA
- LOCATE LID AWAY FROM CURB AND GUTTER 2 EA
- REMOVE AND DISPOSE OF EXISTING MANHOLE 115 LF
- FLUSH AND INSTALL 8" (SDR 35) PVC SEWER LINE 115 LF
- RECONSTRUCT UPPER CONE OF EXISTING MANHOLE TO GRADE WITH ECCENTRIC CONE. LOCATE LID AWAY FROM CURB AND GUTTER. 2 EA

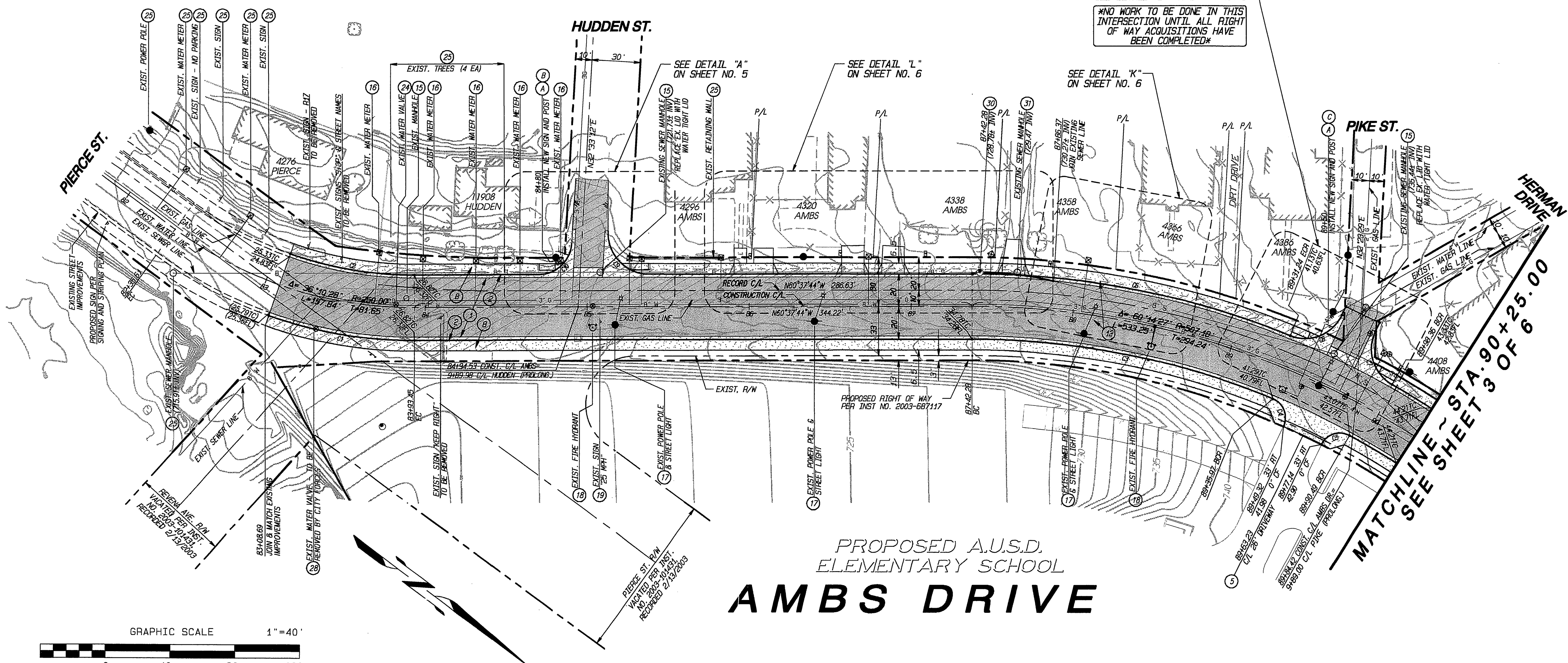
<p><b>Underground Service Alert</b></p> <p>Call: TOLL FREE 1-800-227-2600</p> <p>TWO WORKING DAYS BEFORE YOU DIG</p>	<p>CITY OF RIVERSIDE PUBLIC UTILITIES - ELECTRICAL DIVISION</p> <p><i>[Signature]</i> 6/29/05</p> <p>CITY OF RIVERSIDE PUBLIC UTILITIES - WATER DIVISION</p> <p><i>[Signature]</i> 6/29/05</p>	<p>CITY OF RIVERSIDE FIRE HYDRANT LOCATION ONLY</p> <p><i>[Signature]</i> 6/29/05</p>	<p><b>EPIC ENGINEERS</b> CIVIL ENGINEERING 101 E. REDLANDS BOULEVARD SUITE 148 REDLANDS, CA 92373 TELE 909-792-5669 FAX 909-792-8869</p> <p>CITY OF RIVERSIDE BUSINESS LICENSE NO. 0074601 EXP. 09/19/2005</p>	<p><b>CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT</b></p> <p>APPROVED BY: <i>[Signature]</i> DATE: 7/25/05 PRINCIPAL ENGINEER TRAFFIC DIVISION STREET SERVICES</p>	<p>WDID # 8 33C334100</p>	<p>PW03-0234</p>
					<p><b>STREET IMPROVEMENT PLAN</b></p> <p><b>AMBS DRIVE &amp; RALEY DRIVE</b></p> <p>TITLE SHEET</p>	

INDEXED 9-28-05



**PROFILE SCALES:**  
 HORIZONTAL: 1" = 40'  
 VERTICAL: 1" = 4'

81+00 82+00 83+00 84+00 85+00 86+00 87+00 88+00 89+00 90+00



PROPOSED A.U.S.D.  
 ELEMENTARY SCHOOL  
**AMBS DRIVE**

**CONSTRUCTION NOTES**

1. CONSTRUCT 3.5" AC OVER 6" (CLASS 2) AB PER GEOTECHNICAL REPORT
2. CONSTRUCT 6" PCC CURB & GUTTER (TYPE 1) PER RIV. CITY STD. DNG. NO. 200
3. CONSTRUCT PCC CROSS GUTTER PER RIV. CITY STD. DNG. NO. 220 (WIDTH PER PLAN)
4. CONSTRUCT 6" AC BEAM (TYPE 1) PER RIV. CITY STD. 250
5. CONSTRUCT PCC DRIVEWAY APPROACH PER DETAIL "I" ON SHEET 6
6. CONSTRUCT PCC ACCESS RAMP PER RIV. CITY STD. DNG. NO. 304, TYPE 1
7. CONSTRUCT PCC CURB SIDEWALK PER RIV. CITY STD. DNG. NO. 325
8. CONSTRUCT 4" PCC CONCRETE & STEPS PER DETAIL "M" ON SHEET 6
9. CONSTRUCT PCC DRIVEWAY APPROACH WITH CURB SIDEWALK PER RIV. CITY STD. NO. 302 (TYPE CURB-1)
10. CONSTRUCT 4" AC DRIVEWAY OVER COMPACTED NATIVE SOIL
11. SAWCUT, REMOVE & DISPOSE OF EXISTING AC/AB PAVEMENT
12. COLD PLANE GRIND/HEADER GRIND 0.12" MIN. (3' WIDE MIN.)
13. OVERLAY EXISTING PAVEMENT WITH 0.12" AC MIN.
14. ADJUST EXISTING M.H. R/W TO PROPOSED FINISH GRADE
15. RELOCATE EXISTING WATER METER TO STANDARD CITY LOCATION BY CITY WATER FORCES TO BE RELOCATED BY CITY OF RIVERSIDE ELECTRICAL DEPARTMENT
16. RELOCATE FIRE HYDRANT BEHIND CURB BY CITY FORCES
17. RELOCATE EXISTING STREET SIGN PER SIGNING & STRIPING PLANS
18. RELOCATE EXISTING MAILBOX TO POSTMASTER APPROVED LOCATION BEHIND PROPOSED CURB
19. RE-GRADE EXISTING DIRT DRIVEWAY/WALKWAY/YARD FOR SMOOTH TRANSITION TO PROPOSED DRIVEWAY APPROACH OR BACK OF PROPOSED WALK
20. CONSTRUCT 4" PCC DRIVEWAY (820-C-2500) OVER COMPACTED NATIVE RE-SET EXISTING CHAIN LINK FENCE TO PROPOSED FINISH GRADE
21. ADJUST TO FINISH GRADE
22. PROTECT IN PLACE
23. SAWCUT, REMOVE & DISPOSE OF EXISTING CONCRETE
24. REMOVE & DISPOSE OF EXISTING TREE & ROOT SYSTEM
25. EXISTING VALVE CAN TO BE REMOVED BY CITY FORCES
26. RE-GRADE EXISTING DRIVEWAY WITH 2" MIN. THICKNESS OF GRAVEL
27. CONSTRUCT (ECCENTRIC) MANHOLE PER CITY OF RIVERSIDE STD. NO. 500. LOCATE LID AWAY FROM CURB AND GUTTER.
28. REMOVE AND DISPOSE OF EXISTING MANHOLE
29. FURNISH AND INSTALL 6" (SDR 35) PVC GENER LINE
30. RECONSTRUCT UPPER CONE OF EXISTING MANHOLE TO GRADE WITH ECCENTRIC CONE. LOCATE LID AWAY FROM CURB AND GUTTER.

**CURVE DATA TABLE**

CURVE	DELTA	RADIUS	LENGTH	TANGENT
C1	19°25'34"	270.00'	91.54'	46.22'
C2	19°25'34"	230.00'	77.98'	39.37'
C3	22°24'05"	487.18'	190.48'	96.47'
C4	93°05'18"	12.50'	20.31'	13.19'
C5	93°04'13"	12.50'	20.30'	13.19'
C6	21°52'00"	522.18'	201.20'	101.84'
C7	86°02'00"	25.00'	37.54'	23.33'
C8	86°23'04"	25.00'	37.69'	23.47'
C9	93°10'56"	25.00'	40.66'	26.43'
C10	86°49'04"	20.00'	30.31'	18.92'

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

**CITY OF RIVERSIDE PUBLIC UTILITIES - ELECTRICAL DIVISION**  
 FIRE HYDRANT LOCATION ONLY  
 DATE: 6/25/05

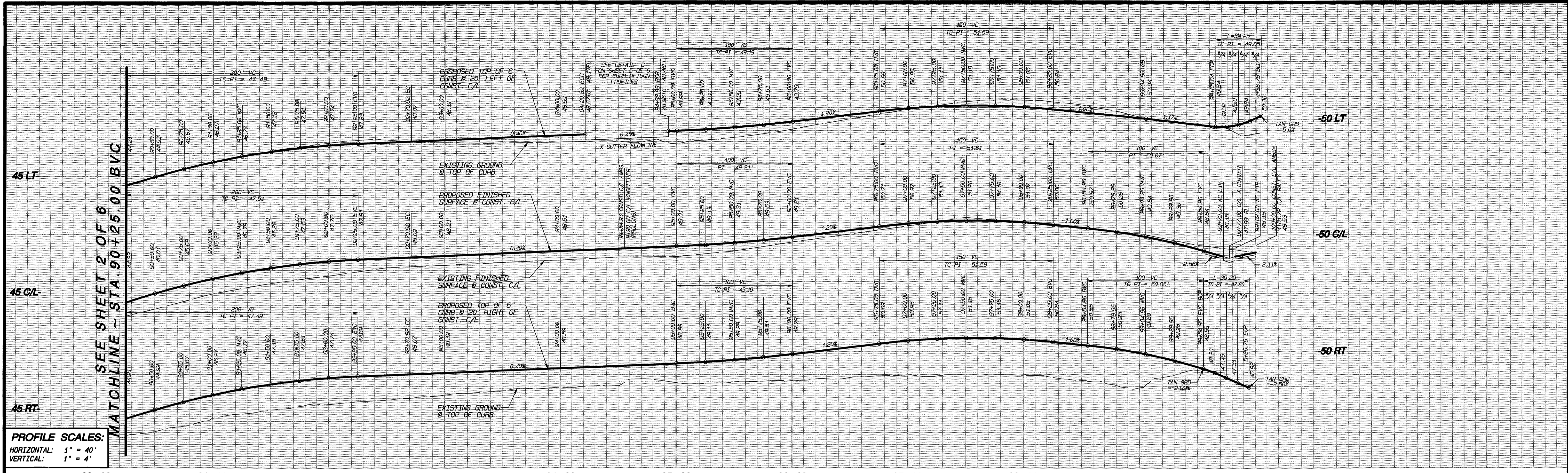
**EPIC ENGINEERS**  
 CIVIL ENGINEERING  
 101 E. REDLANDS BOULEVARD  
 SUITE 148  
 REDLANDS, CA 92373  
 TELE: 909-792-5969  
 FAX: 909-792-8869

**CITY OF RIVERSIDE BUSINESS LICENSE NO. 0074601**  
 EXP. 09/19/2005

**CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT**  
 APPROVED BY: [Signature]  
 DATE: 7/25/05

**STREET IMPROVEMENT PLAN**  
**AMBS DRIVE**  
 STA. 83+18.13 TO 90+25.00

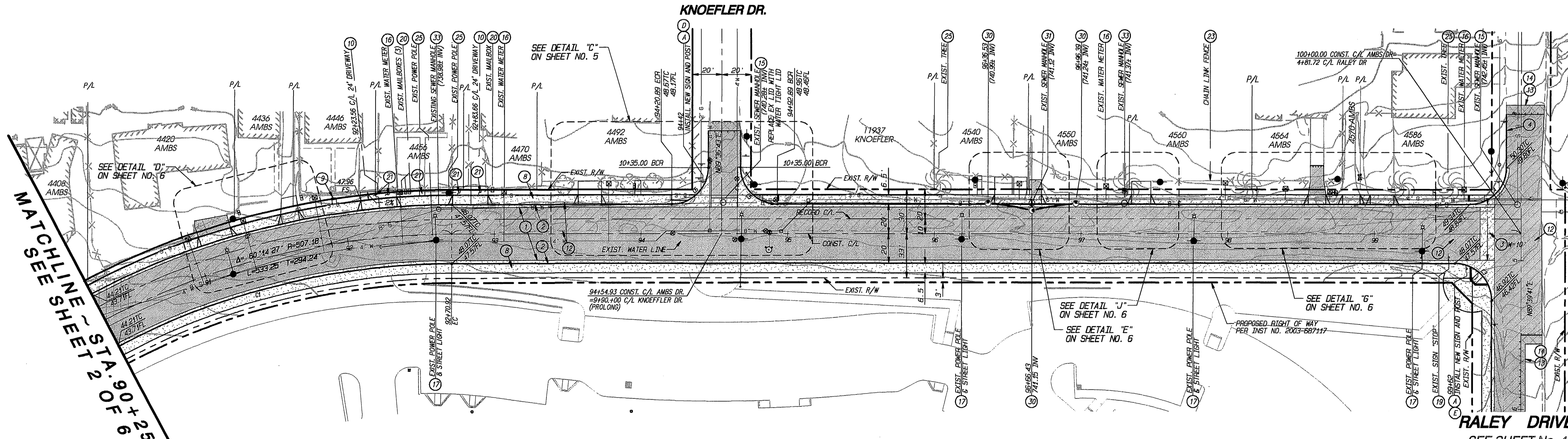
WDID # 8 33C334100  
 PW03-0234  
 ACCOUNT NO. CITY DEED # 15218  
**R-3855**  
 SHEET 2 OF 6  
 EPIC WORK ORDER: 29.11



PROFILE SCALES:  
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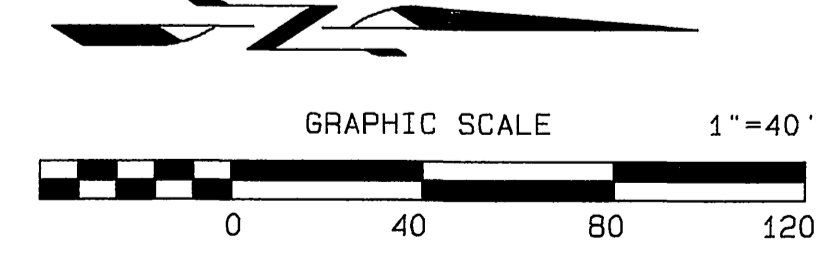
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20. CONSTRUCT 4" PCC DRIVEWAY (520-C-2500) OVER COMPACTED NATIVE
21. RE-SET EXISTING CHAIN LINK FENCE TO PROPOSED FINISH GRADE
22. ADJUST TO FINISH GRADE
23. PROTECT IN PLACE
24. SAWCUT, REMOVE & DISPOSE OF EXISTING CONCRETE
25. REMOVE & DISPOSE OF EXISTING TREE & ROOT SYSTEM
26. EXISTING VALVE CAN BE REMOVED BY CITY FORCES
27. RE-GRADE EXISTING DRIVEWAY WITH 2" MIN THICKNESS OF GRAVEL
28. CONSTRUCT ECCENTRIC MANHOLE PER CITY OF RIVERSIDE STD. NO. 500.
29. LOCATE LID AWAY FROM CURB AND GUTTER
30. REMOVE AND DISPOSE OF EXISTING MANHOLE
31. FURNISH AND INSTALL 8" (SDR 35) PVC SEWER LINE
32. RECONSTRUCT UPPER CONE OF EXISTING MANHOLE TO GRADE WITH ECCENTRIC CONE. LOCATE LID AWAY FROM CURB AND GUTTER.



PROPOSED A.U.S.D.  
 ELEMENTARY SCHOOL  
**AMBS DRIVE**

CURVE	DELTA	RADIUS	LENGTH	TANGENT
C1	31°40'50"	467.18'	269.38'	138.23'
C2	30°47'31"	527.18'	283.32'	145.17'
C3	90°02'59"	25.00'	39.29'	25.02'
C4	89°57'02"	25.00'	39.25'	24.98'
C5	90°00'00"	25.00'	39.27'	25.00'
C6	90°00'00"	25.00'	39.27'	25.00'



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

CITY OF RIVERSIDE  
 PUBLIC UTILITIES - ELECTRICAL DIVISION  
 Chief of Utilities Engineer, Electrical  
 DATE: 6/2/05

CITY OF RIVERSIDE  
 FIRE HYDRANT LOCATION ONLY  
 FIRE DEPARTMENT DIVISION OF FIRE PREVENTION  
 DATE: 6/2/05

**EPIC ENGINEERS**  
 CIVIL ENGINEERING PLANNING  
 101 E. REDLANDS BOULEVARD  
 SUITE 146  
 REDLANDS, CA 92373  
 CITY OF RIVERSIDE BUSINESS LICENSE NO. 0074601 EXP. 09/19/2005

LAND SURVEYING  
 CONSTRUCTION MANAGEMENT  
 TELE 909-792-5969  
 FAX 909-792-8869

MARK	REVISIONS	APPROVED	DATE	APPROVED	DATE
DESIGNED BY: BAR	DRAWN BY: WJR	CHECKED BY: EDP	DESIGN ENGR.	CITY ENGR.	

**CITY OF RIVERSIDE**  
 PUBLIC WORKS DEPARTMENT

APPROVED BY: [Signature]  
 DATE: 7/25/05  
 TRAFFIC DIVISION  
 STREET SERVICES

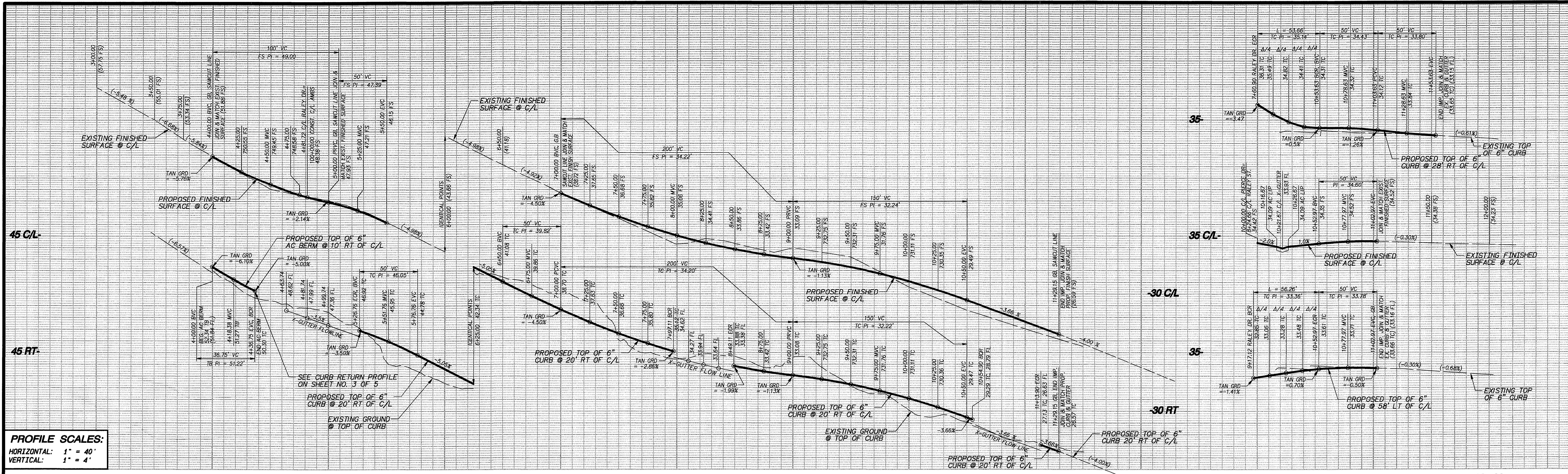
WDID # 8 33C334100  
 PW03-0234

**STREET IMPROVEMENT PLAN**  
 AMBS DRIVE  
 STA. 90+25.00 TO 100+00.00

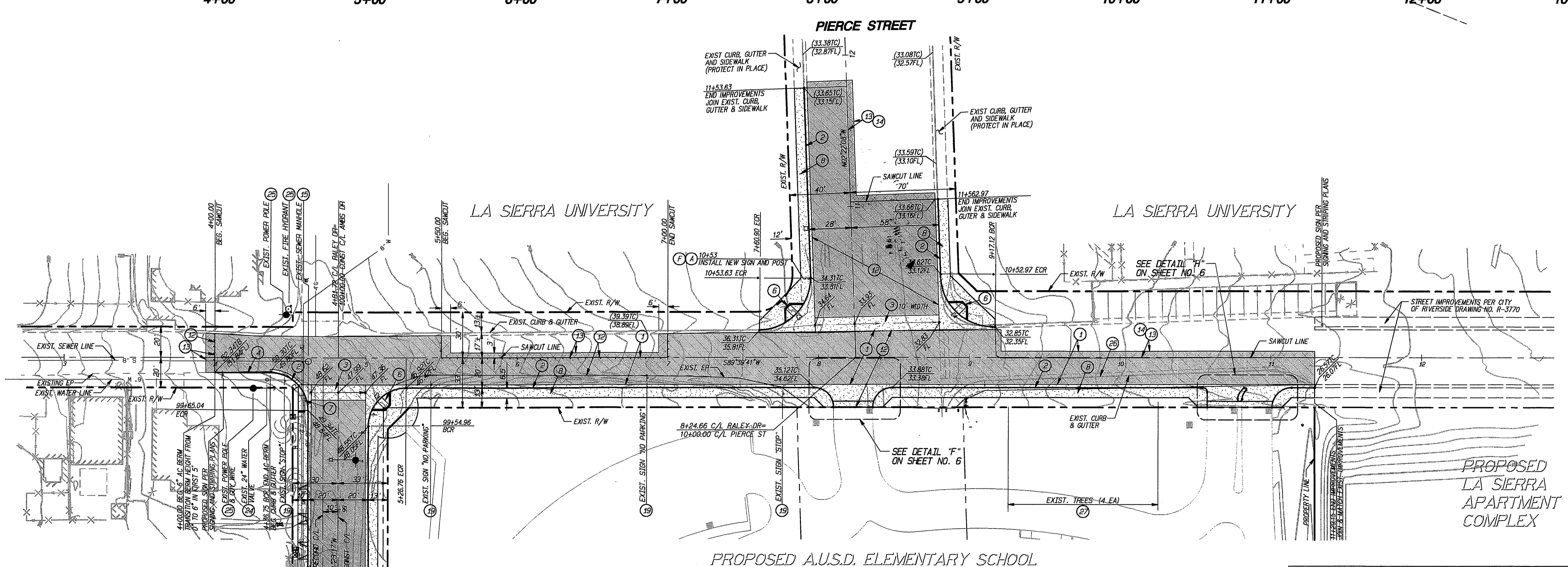
ACCOUNT NO.  
 CITY DEED # 15218  
**R-3855**

SHEET 3 OF 6  
 EPIC WORK ORDER: 29.11

INDEXED 9-28-05 LFL



- CONSTRUCTION NOTES**
- CONSTRUCT 3.5" AC OVER 6" (CLASS 2) AB PER GEOTECHNICAL REPORT
  - CONSTRUCT 6" PCC CURB & GUTTER (TYPE 1) PER RIV. CITY STD. DWG. NO. 200
  - CONSTRUCT PCC CROSS GUTTER PER RIV. CITY STD. DWG. NO. 250 (WIDTH PER PLAN)
  - CONSTRUCT 6" AC BERM (TYPE 1) PER RIV. CITY STD. 250
  - CONSTRUCT PCC DRIVEWAY APPROACH PER DETAIL "I" ON SHEET 6
  - CONSTRUCT PCC ACCESS RAMP PER RIV. CITY STD. DWG. NO. 304, TYPE 1
  - CONSTRUCT PCC ACCESS RAMP PER DETAIL, ON SHEET 6
  - CONSTRUCT PCC CURB SIDEWALK PER RIV. CITY STD. DWG. NO. 325
  - CONSTRUCT 4" PCC CONCRETE 6 STEPS PER DETAIL "M" ON SHEET 6
  - CONSTRUCT PCC DRIVEWAY APPROACH WITH CURB SIDEWALK PER RIV. CITY STD. NO. 302 (TYPE CURB-1)
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**CURVE DATA TABLE**

CURVE	DELTA	RADIUS	LENGTH	TANGENT
C1	89°57'02"	25.00'	39.25'	24.98'
C2	90°02'58"	25.00'	39.29'	25.02'
C3	87°50'58"	35.00'	53.66'	33.71'
C4	92°06'04"	35.00'	56.26'	36.31'

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

**CITY OF RIVERSIDE PUBLIC UTILITIES - ELECTRICAL DIVISION**  
 Chief of Utilities Engineer, Electrical  
 DATE: 6/23/05

**CITY OF RIVERSIDE FIRE DEPARTMENT DIVISION - FIRE PREVENTION**  
 DATE: 6/23/05

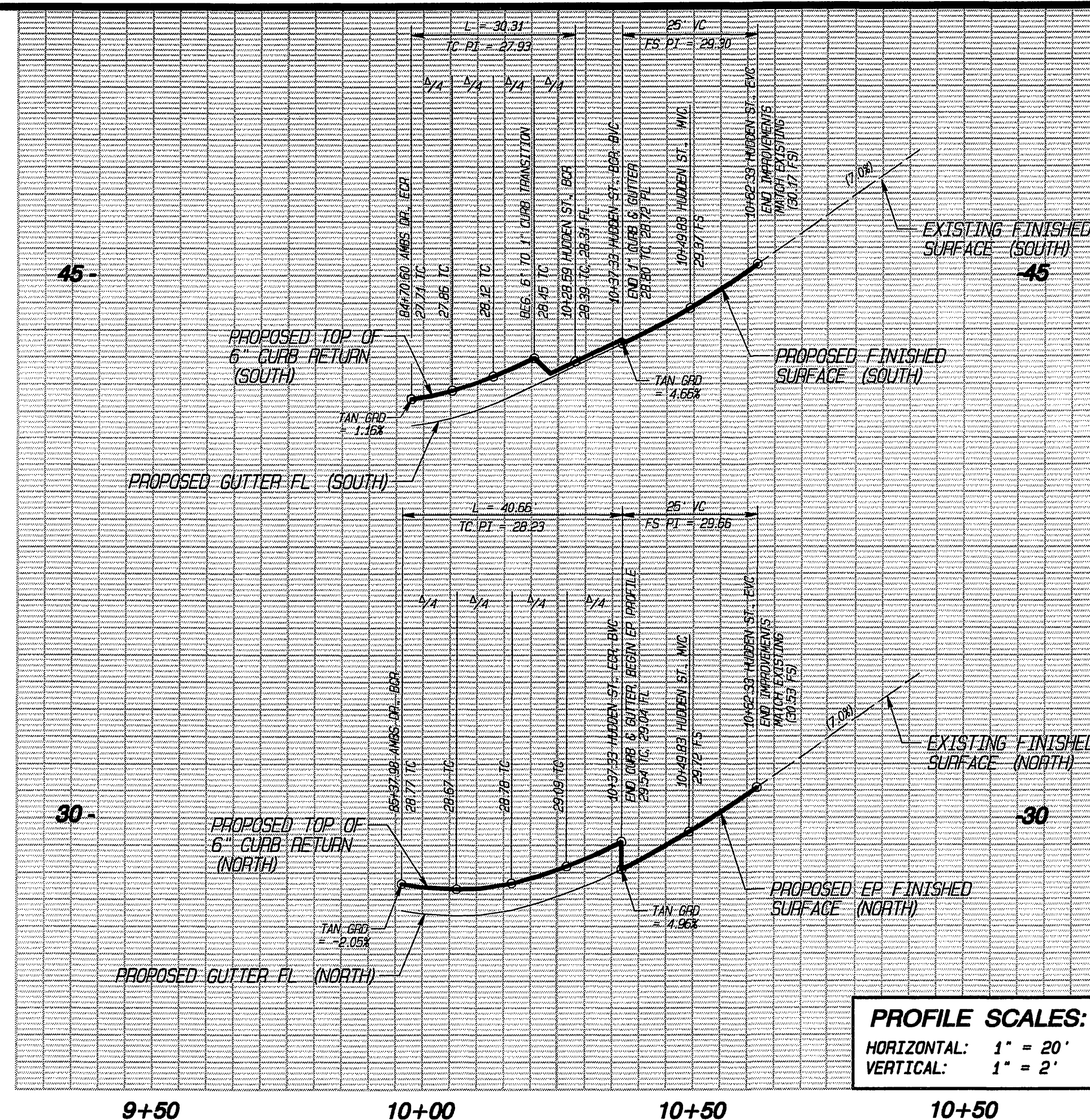
**REGISTERED PROFESSIONAL ENGINEER**  
 CIVIL  
 STATE OF CALIFORNIA

**EPIC ENGINEERS**  
 CIVIL ENGINEERING PLANNING  
 LAND SURVEYING CONSTRUCTION MANAGEMENT  
 101 E. REDLANDS BOULEVARD  
 SUITE 146  
 REDLANDS, CA 92373  
 TELE: 909-792-5969  
 FAX: 909-792-8869  
 CITY OF RIVERSIDE BUSINESS LICENSE NO. 0074601 EXP. 09/19/2005

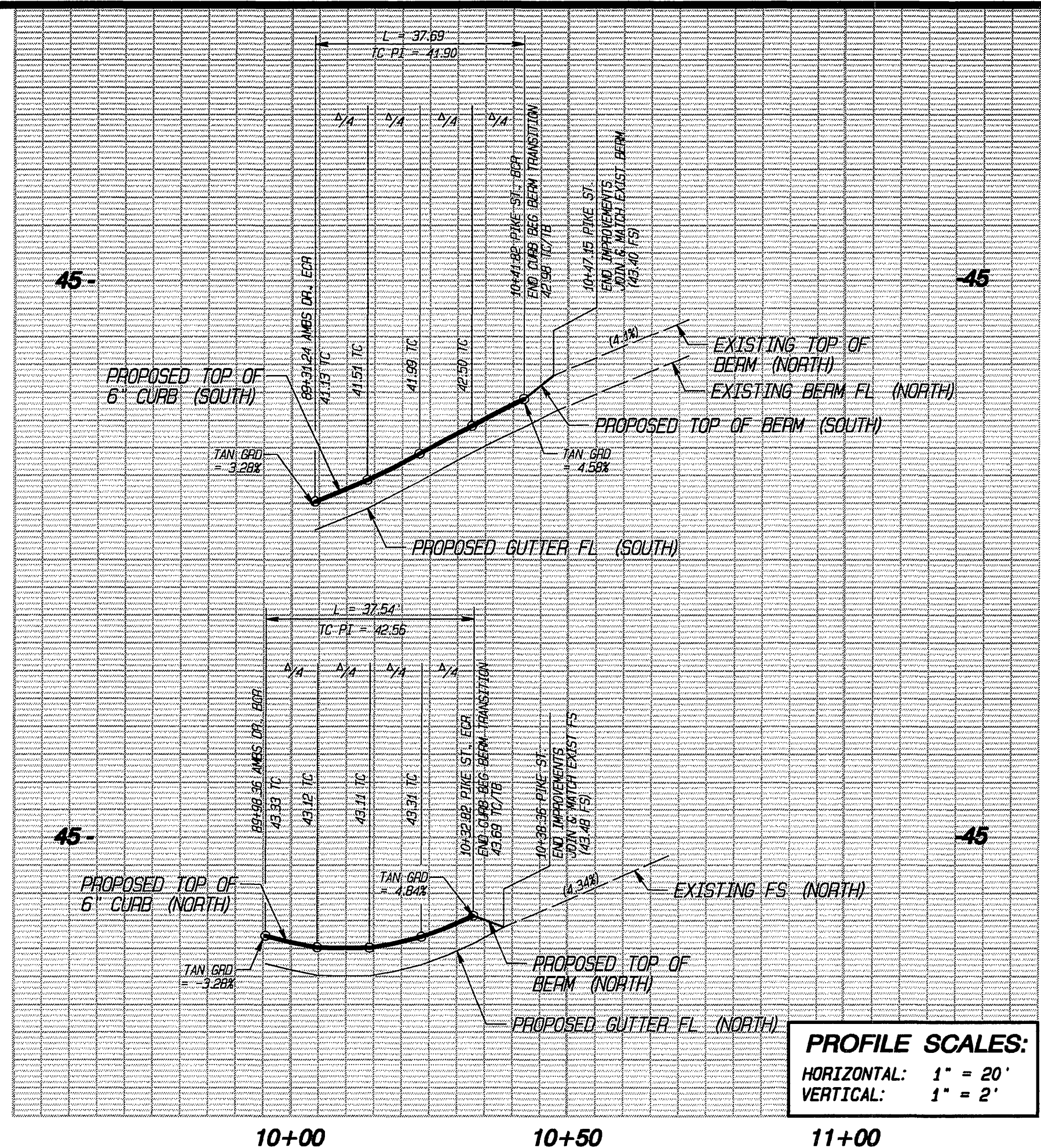
**CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT**  
 APPROVED BY: [Signature]  
 DATE: 7/25/05  
 DESIGNED BY: RAR, DRAWN BY: WJR, CHECKED BY: EDP, DESIGN ENGR.: CITY ENGR.:

**CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT**  
 APPROVED BY: [Signature]  
 DATE: 7/25/05

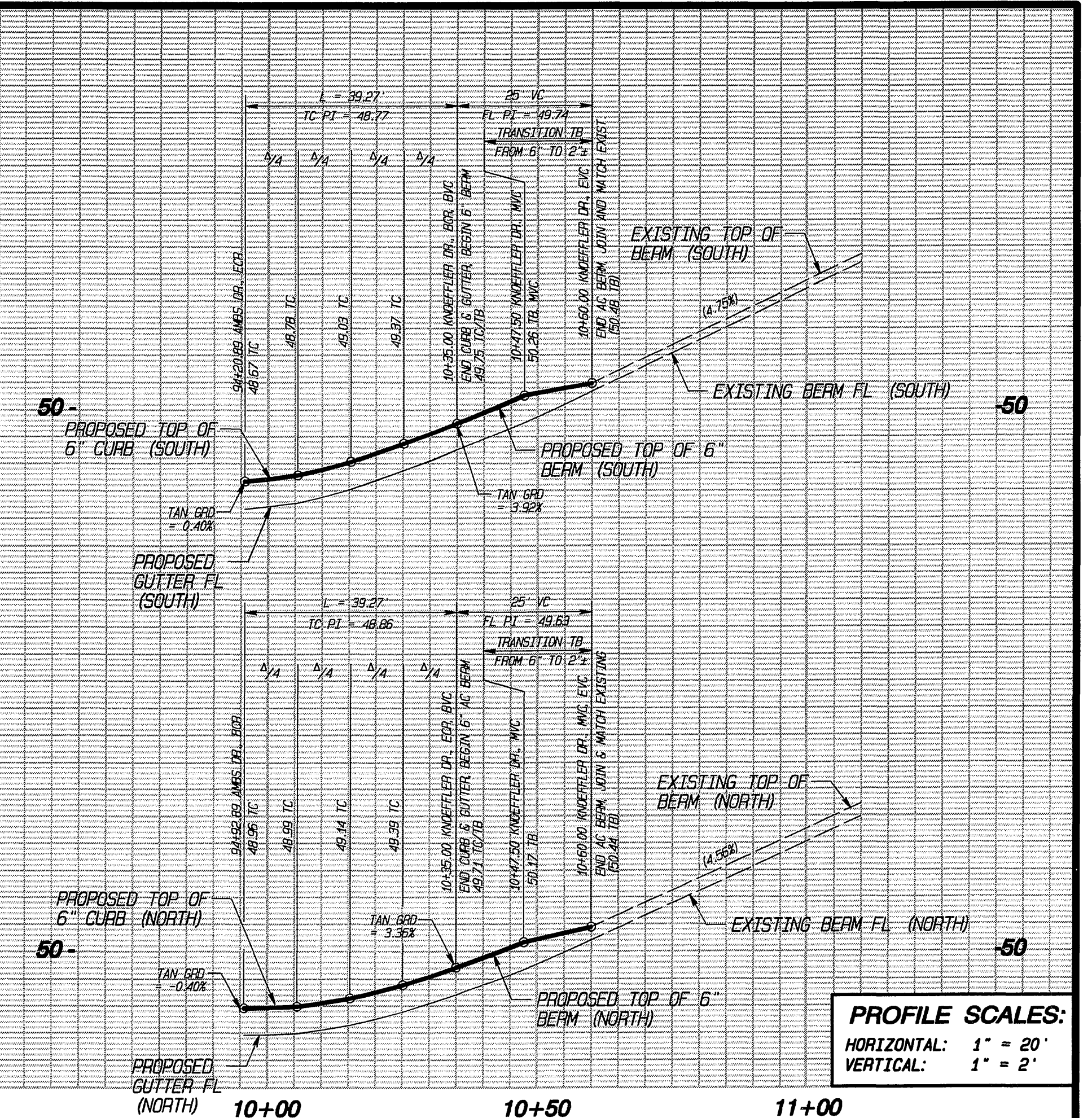
**STREET IMPROVEMENT PLAN**  
**RALEY DRIVE**  
 STA. 100+00.00 TO 106+47.43  
 ACCOUNT NO. CITY DEED # 15218  
**R-3855**  
 SHEET 4 OF 6  
 HORIZONTAL SCALE: 1"=40' VERTICAL SCALE: 1"=4'  
 INDEXED 9-28-05 LK



**PROFILE SCALES:**  
 HORIZONTAL: 1" = 20'  
 VERTICAL: 1" = 2'



**PROFILE SCALES:**  
 HORIZONTAL: 1" = 20'  
 VERTICAL: 1" = 2'

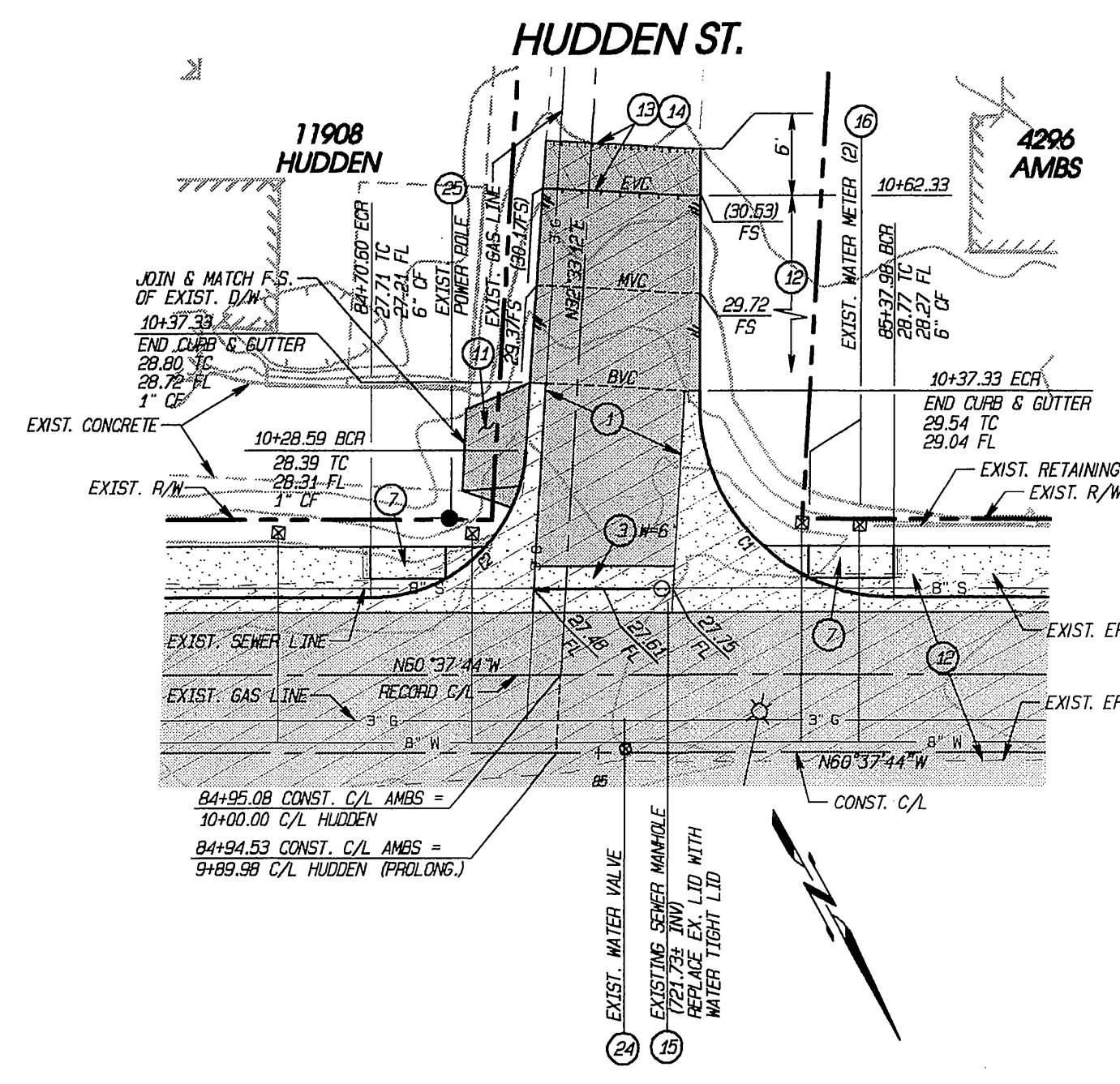
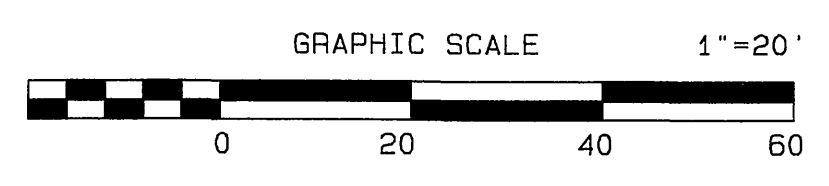


**PROFILE SCALES:**  
 HORIZONTAL: 1" = 20'  
 VERTICAL: 1" = 2'

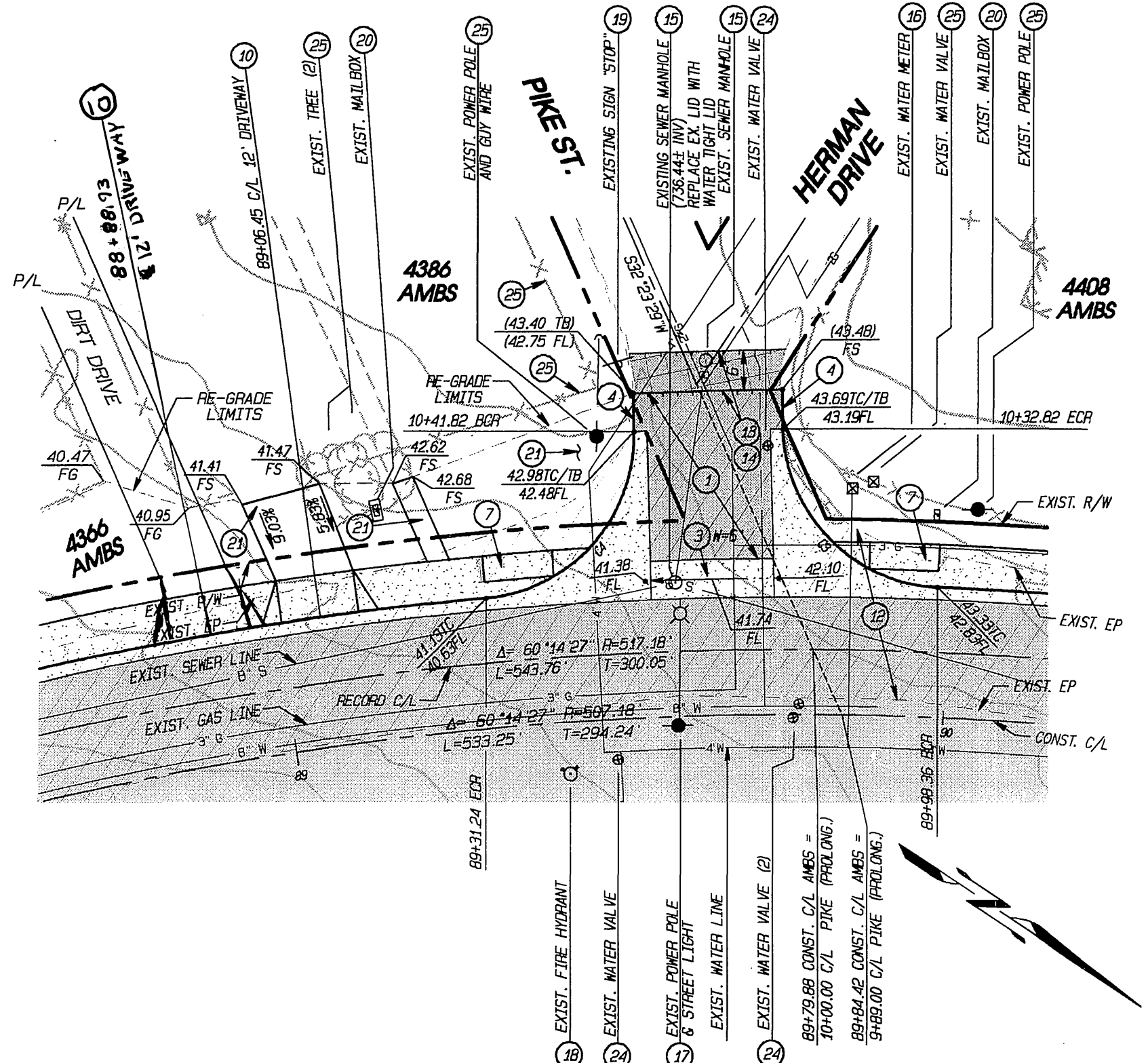
**CONSTRUCTION NOTES**

1. CONSTRUCT 3.5" AC OVER 6" (CLASS 2) AB PER GEOTECHNICAL REPORT
2. CONSTRUCT 6" RCC CURB & GUTTER (TYPE 1) PER RIV. CITY STD. DWG. NO. 200
3. CONSTRUCT PCC CROSS GUTTER PER RIV. CITY STD. DWG. NO. 220 (WIDTH PER PLAN)
4. CONSTRUCT 6" AC BEAM (TYPE 1) PER RIV. CITY STD. 250
5. CONSTRUCT PCC DRIVEWAY APPROACH PER DETAIL "I" ON SHEET 6
6. CONSTRUCT PCC ACCESS RAMP PER RIV. CITY STD. DWG. NO. 304, TYPE 1
7. CONSTRUCT PCC ACCESS RAMP PER DETAIL "M" ON SHEET 6
8. CONSTRUCT PCC CURB SIDEWALK PER RIV. CITY STD. DWG. NO. 325
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12. SAWCUT, REMOVE & DISPOSE OF EXISTING AC/AB PAVEMENT
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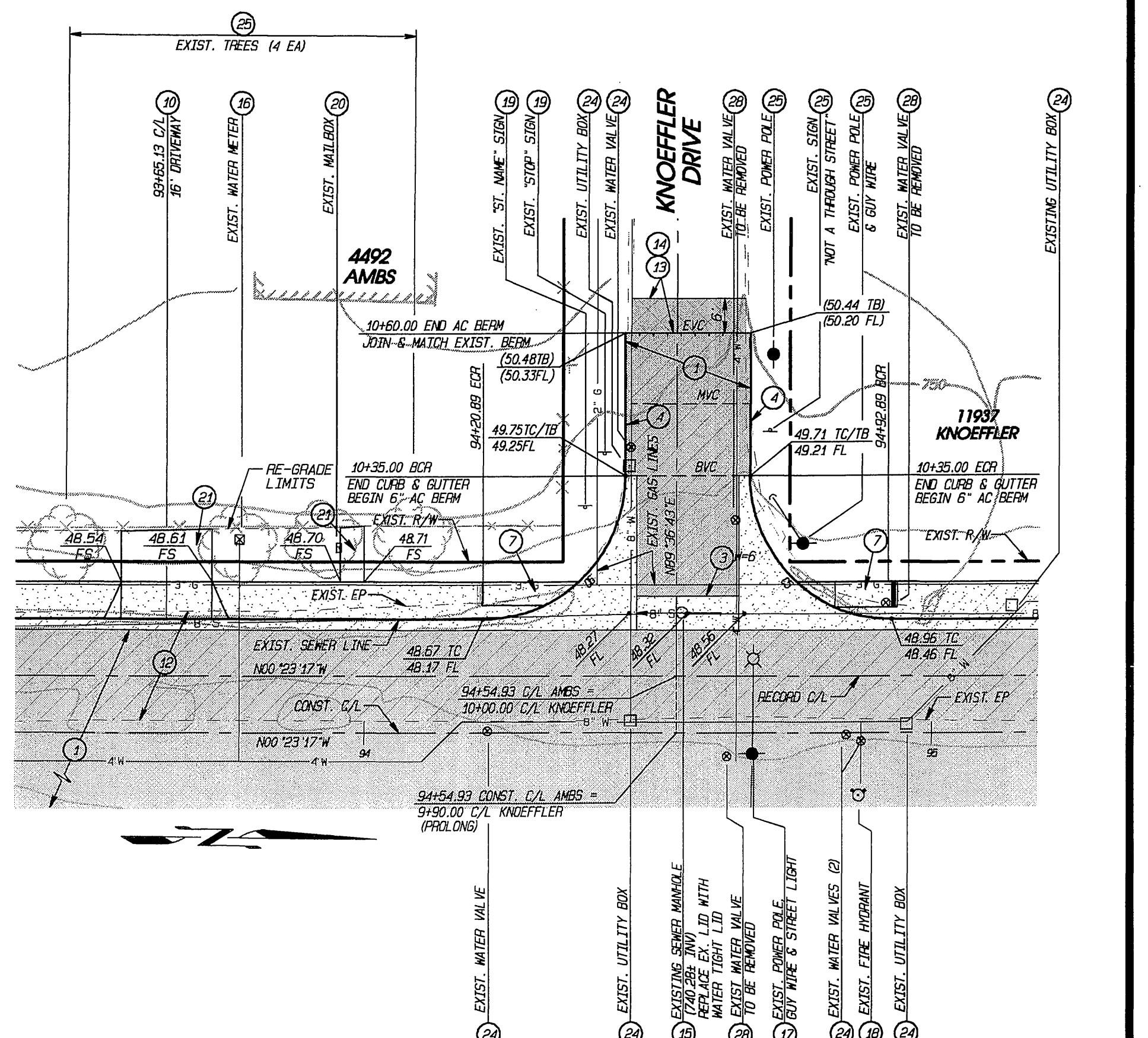
CURVE	DELTA	RADIUS	LENGTH	TANGENT
C1	93°10'56"	25.00'	40.65'	26.43'
C2	86°49'04"	20.00'	30.31'	19.92'
C3	86°02'00"	25.00'	37.54'	23.33'
C4	86°29'04"	25.00'	37.69'	23.47'
C5	90°00'00"	25.00'	39.27'	25.00'
C6	90°00'00"	25.00'	39.27'	25.00'



**DETAIL "A"**  
 AMBS DR. @ HUDDEN ST.  
 SCALE: 1" = 20'



**DETAIL "B"**  
 AMBS DR. @ PIKE ST./HERMAN DR.  
 SCALE: 1" = 20'



**DETAIL "C"**  
 AMBS DR. @ KNOEFFLER DR.  
 SCALE: 1" = 20'

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

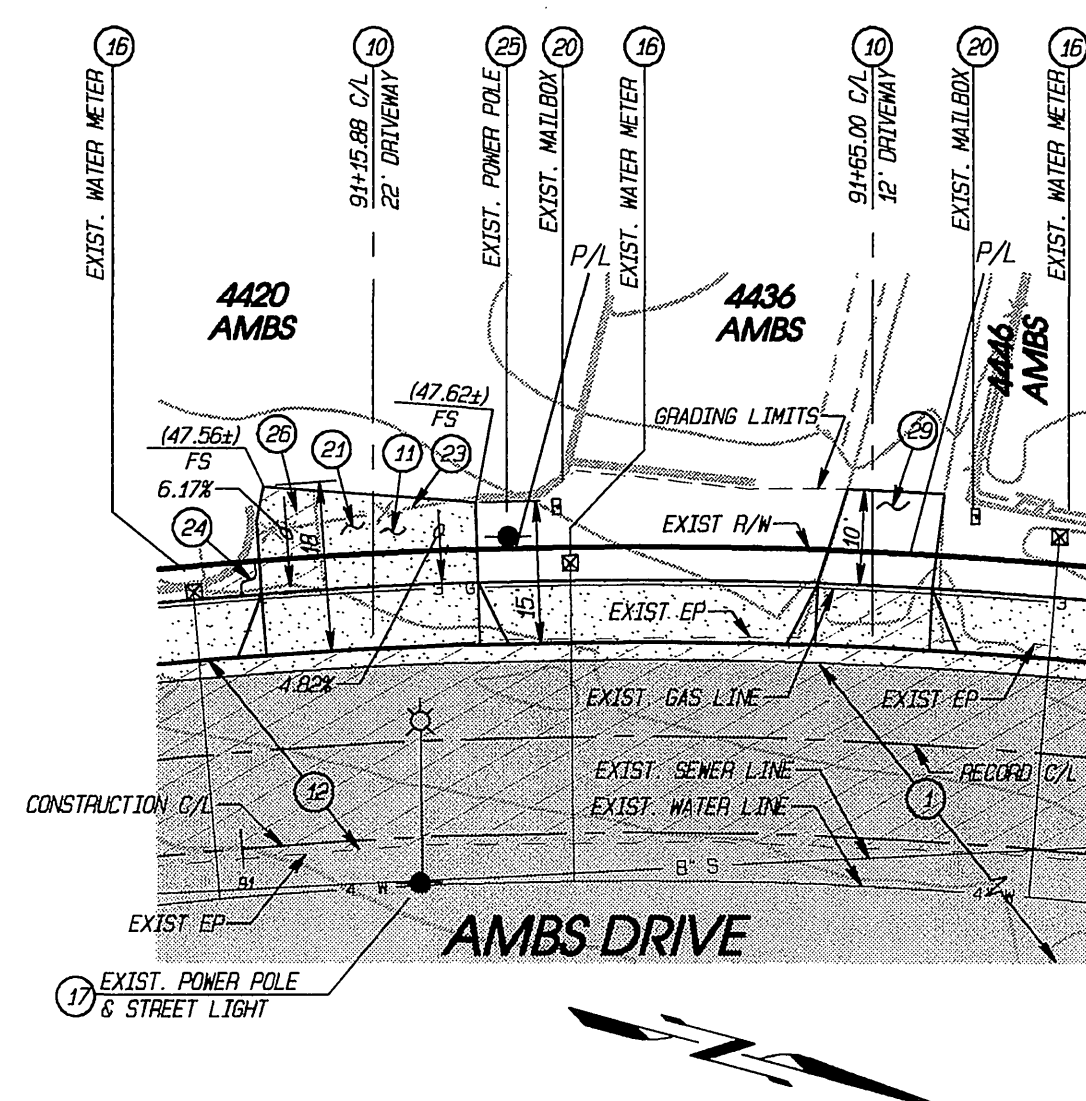
CITY OF RIVERSIDE  
 PUBLIC UTILITIES - ELECTRICAL DIVISION  
 CHIEF OF UTILITIES ENGINEER, ELECTRICAL  
 DATE: 6/29/05

**EPIC ENGINEERS**  
 CIVIL ENGINEERING LAND SURVEYING  
 PLANNING CONSTRUCTION MANAGEMENT  
 101 E. REDLANDS BOULEVARD  
 SUITE 146 REDLANDS, CA 92373  
 TELE 909-792-5869 FAX 909-792-8869  
 CITY OF RIVERSIDE BUSINESS LICENSE NO. 0074601 EXP. 09/19/2005

**CITY OF RIVERSIDE**  
 PUBLIC WORKS DEPARTMENT  
 APPROVED BY: [Signature] DATE: 7/25/05  
 PRINCIPAL ENGINEER  
 TRAFFIC DIVISION  
 STREET SERVICES

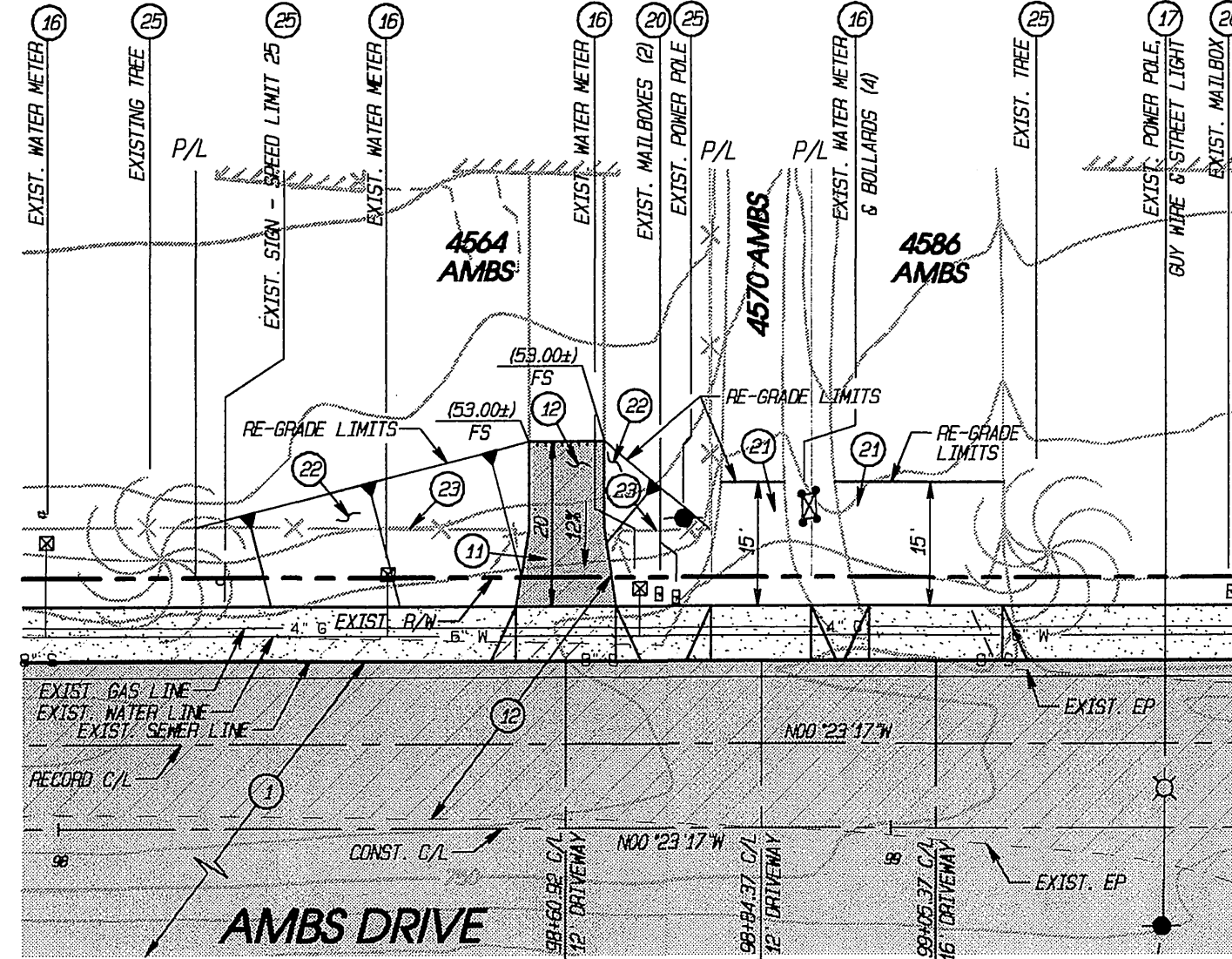
**STREET IMPROVEMENT PLAN**  
**AMBS DRIVE**  
**INTERSECTION DETAIL SHEET**  
 HORIZONTAL SCALE: 1" = 20' VERTICAL SCALE: 1" = 2'

WDID # 8 33C334100 PW03-0234  
 ACCOUNT NO. R-3855  
 SHEET 5 OF 6  
 EPIC WORK ORDER: 29.11



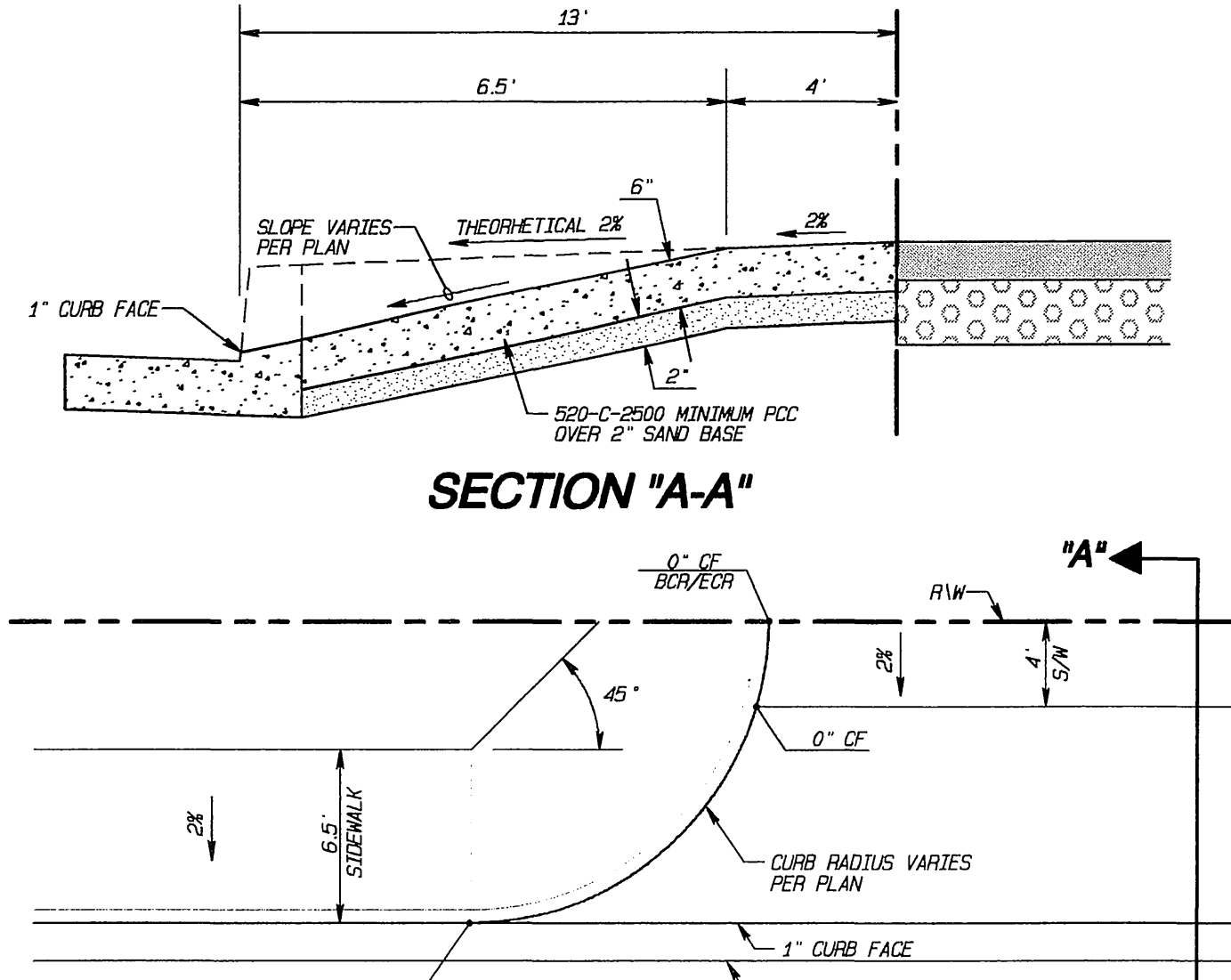
**DETAIL "D"**

SCALE: 1" = 20'



**DETAIL "G"**

SCALE: 1" = 20'



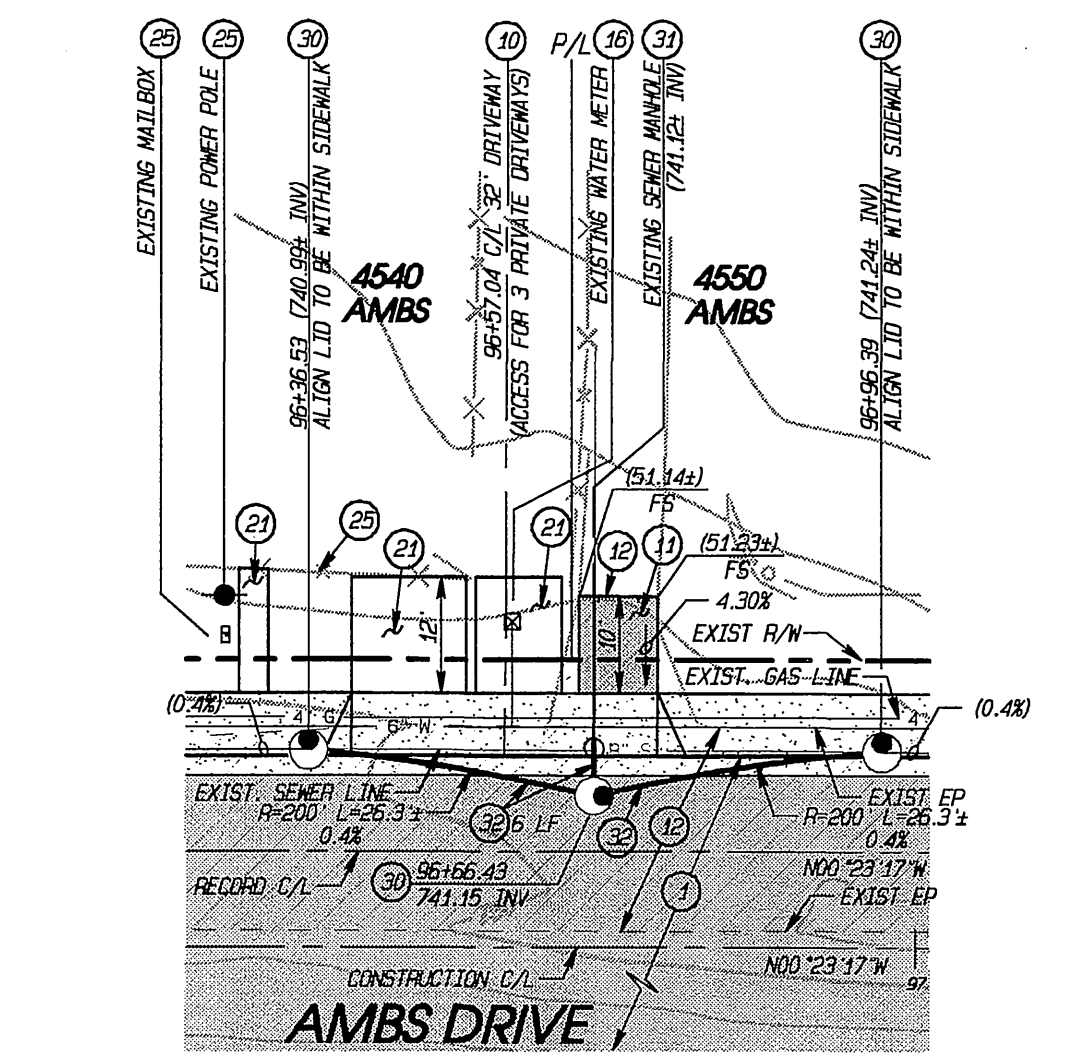
**SECTION "A-A"**

**DETAIL "I"**

CURB RAMP & PCC DRIVEWAY  
NOT TO SCALE

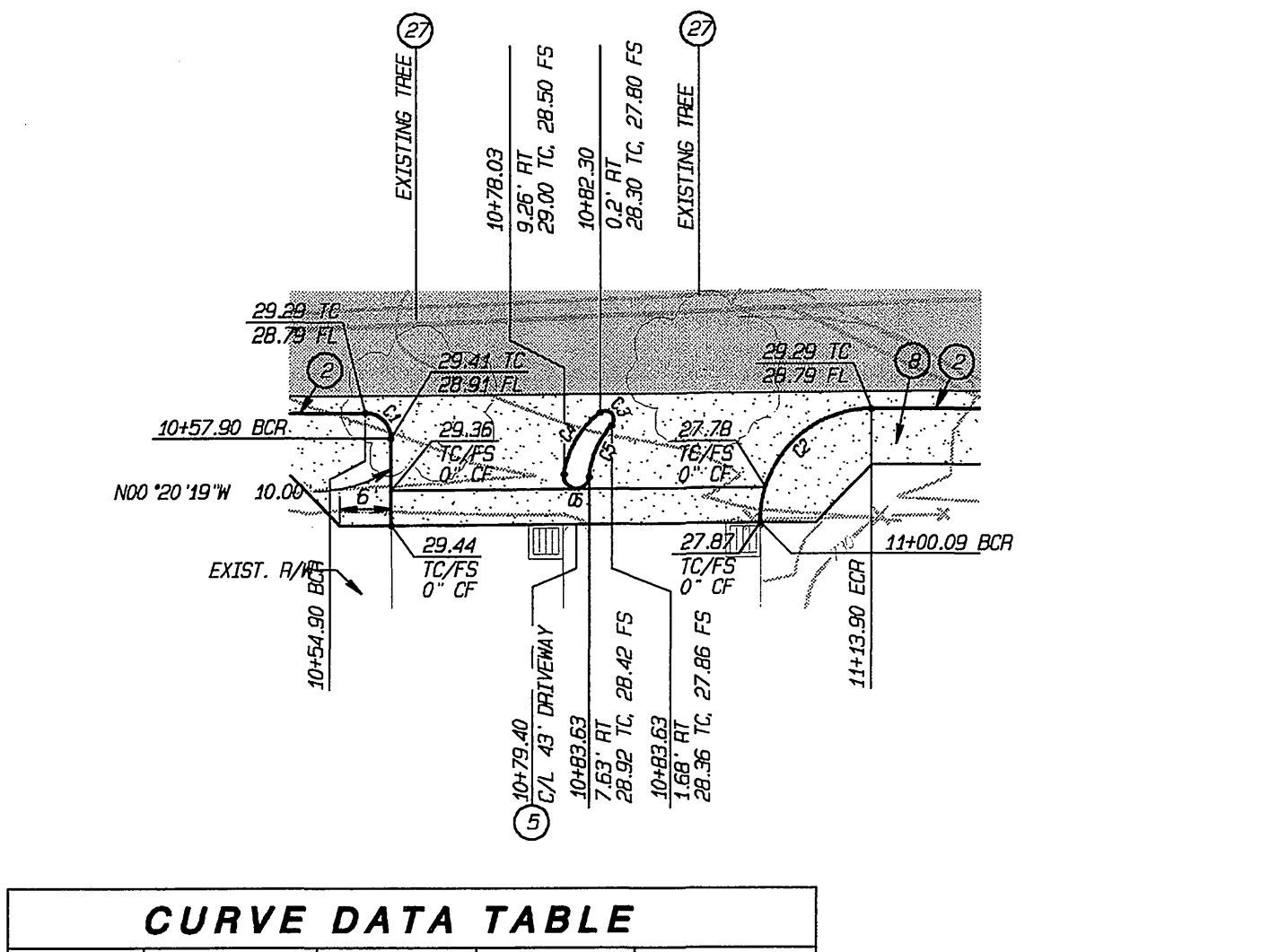
**CONSTRUCTION NOTES**

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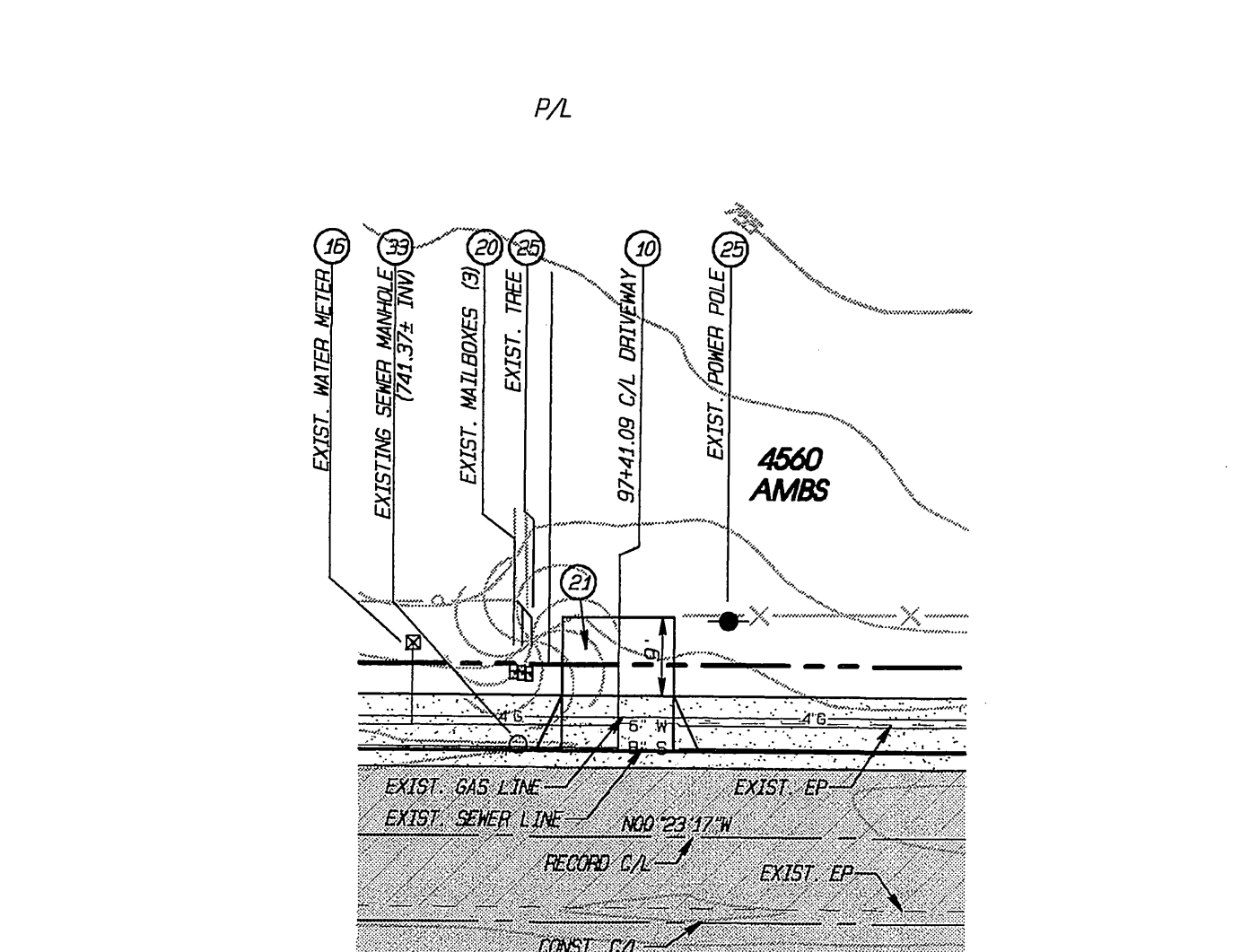
**DETAIL "E"**

SCALE: 1" = 20'



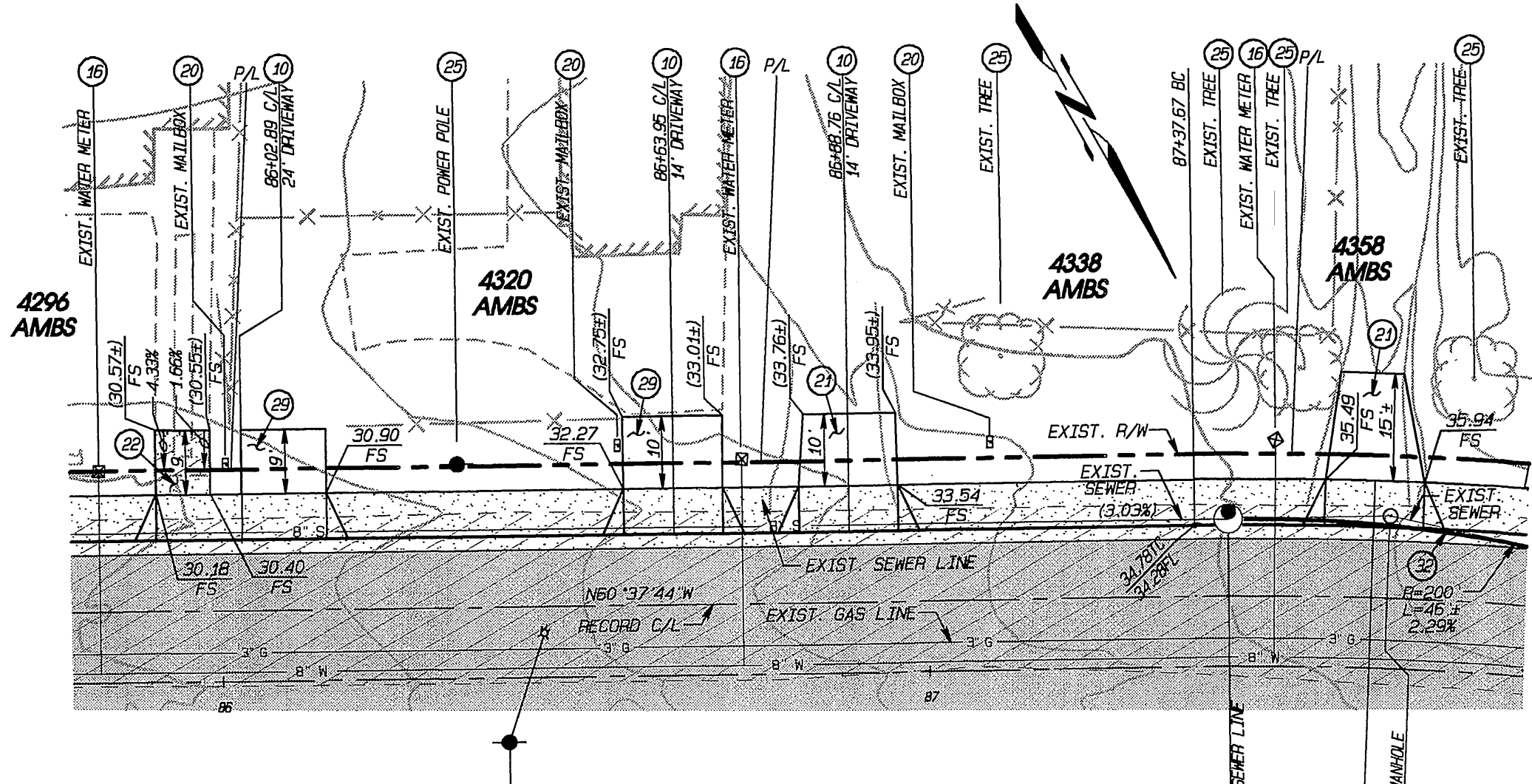
**DETAIL "H"**

SCALE: 1" = 20'



**DETAIL "J"**

SCALE: 1" = 20'



**DETAIL "L"**

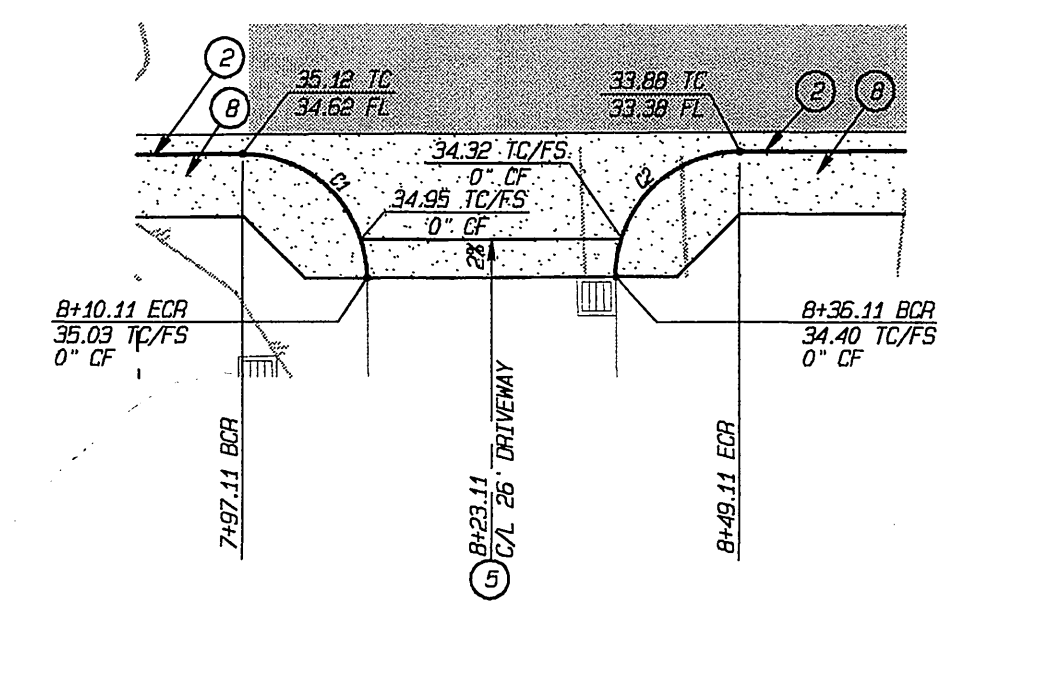
SCALE: 1" = 20'

**CURVE DATA TABLE**

CURVE	DELTA	RADIUS	LENGTH	TANGENT
C1	90°00'00"	3.00'	4.71'	3.00'
C2	90°00'00"	13.00'	20.42'	13.00'
C3	169°36'44"	1.00'	2.96'	11.00'
C4	44°02'43"	11.00'	8.46'	4.45'
C5	37°55'31"	10.00'	6.62'	3.44'
C6	184°16'03"	1.50'	4.82'	

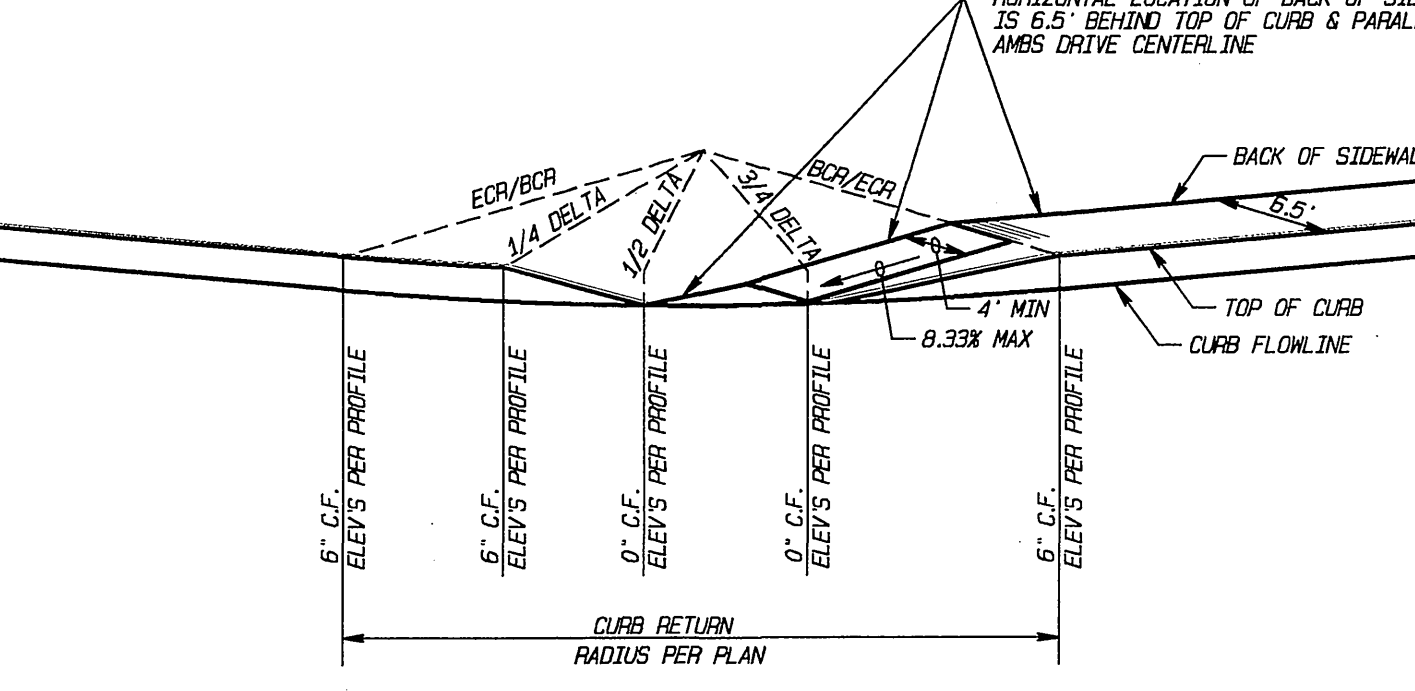
**CURVE DATA TABLE**

CURVE	DELTA	RADIUS	LENGTH	TANGENT
C1	90°00'00"	15.00'	20.42'	13.00'
C2	90°00'00"	13.00'	20.42'	13.00'



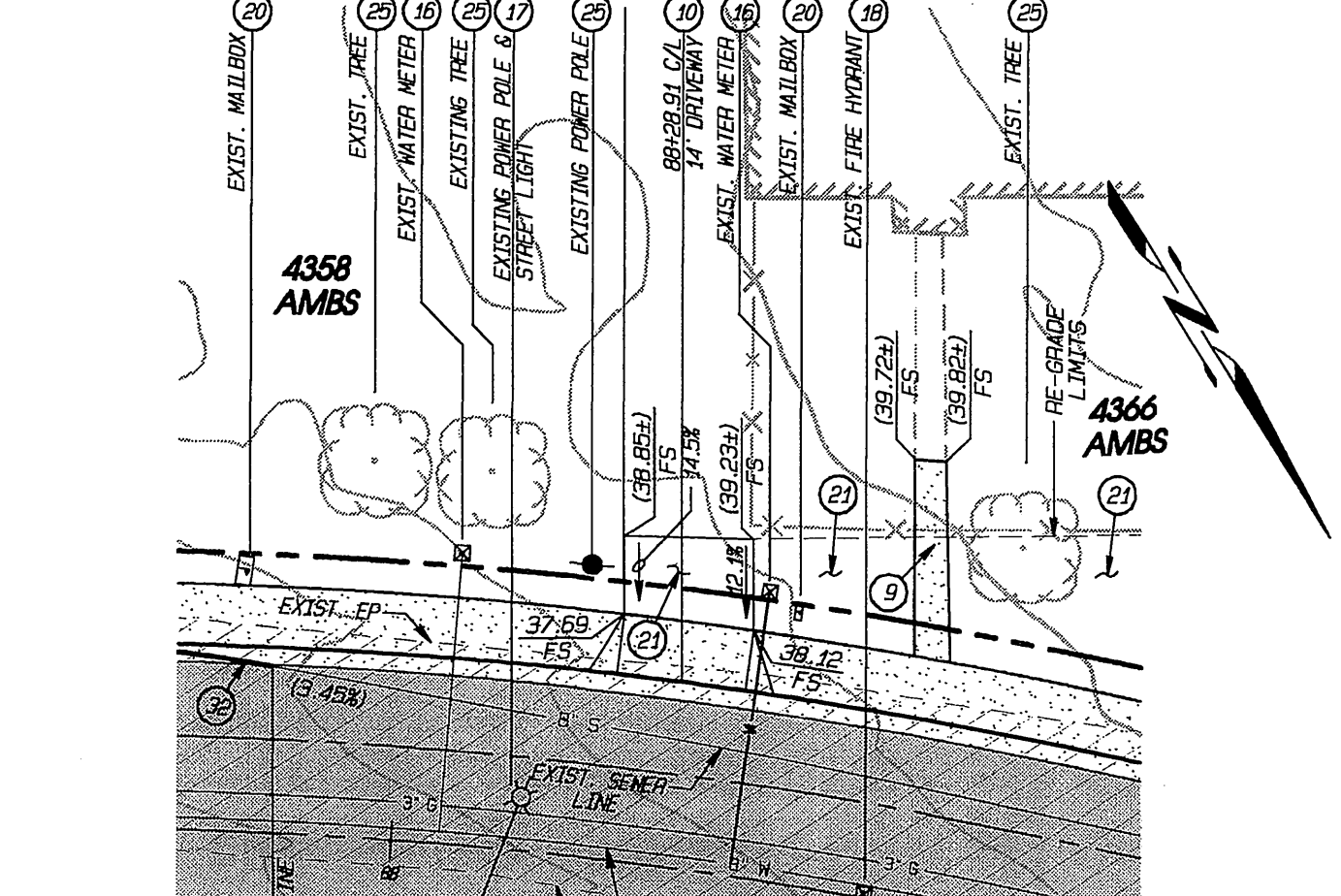
**DETAIL "F"**

SCALE: 1" = 20'



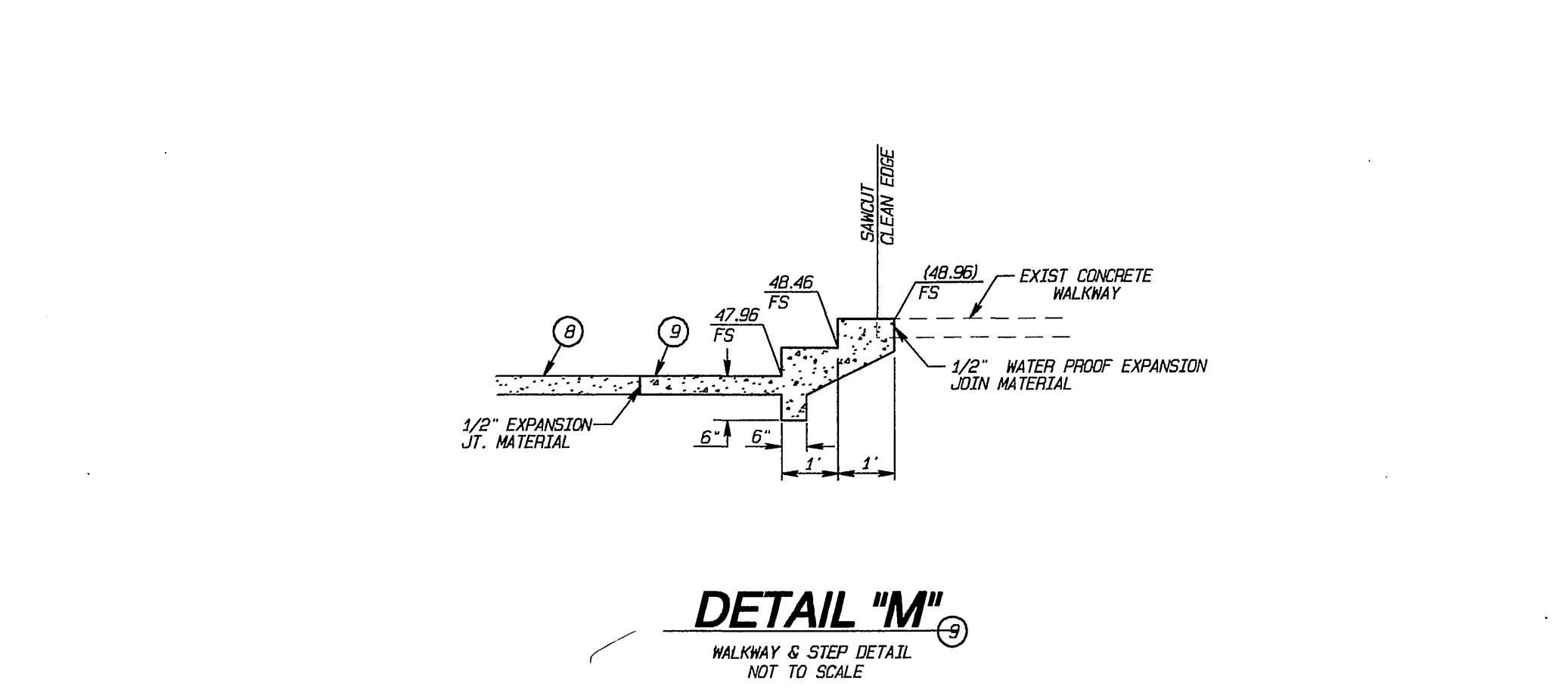
**CURB RETURN / ACCESS RAMP**

NOT TO SCALE



**DETAIL "K"**

SCALE: 1" = 20'



**DETAIL "M"**

WALKWAY & STEP DETAIL  
NOT TO SCALE

**Underground Service Alert**

Call: TOLL FREE  
1-800-227-2600

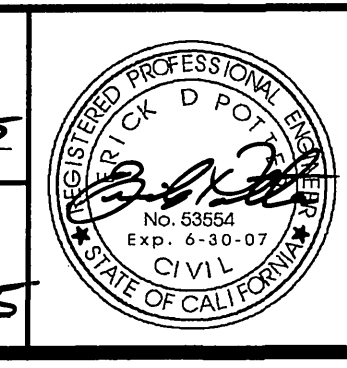
TWO WORKING DAYS BEFORE YOU DIG

CITY OF RIVERSIDE  
PUBLIC UTILITIES - ELECTRICAL DIVISION

*Butman* 6/28/05  
CHIEF OF UTILITIES ENGINEER, ELECTRICAL

CITY OF RIVERSIDE  
FIRE HYDRANT LOCATION ONLY

*Sullivan* 6/28/05  
FIRE DEPARTMENT DIVISION ON FIRE PREVENTION



**EPIC ENGINEERS**

CIVIL ENGINEERING LAND SURVEYING  
PLANNING CONSTRUCTION MANAGEMENT

101 E. REDLANDS BOULEVARD  
SUITE 146  
REDLANDS, CA 92373

TELE 909-792-5969  
FAX 909-792-8869

CITY OF RIVERSIDE BUSINESS LICENSE NO. 0074601 EXP. 09/19/2005

**CITY OF RIVERSIDE**  
PUBLIC WORKS DEPARTMENT

APPROVED BY: *[Signature]* DATE: 7/28/05  
PRINCIPAL ENGINEER

APPROVED BY: *[Signature]* DATE: 7/28/05  
TRAFFIC DIVISION

APPROVED BY: *[Signature]* DATE: 7/28/05  
STREET SERVICES

WDID # 8 33C334100 PW03-Q234

**STREET IMPROVEMENT PLAN**

**AMBS AND RALEY DRIVE**  
**DETAIL SHEET**

HORIZONTAL SCALE: AS SHOWN VERTICAL SCALE: N/A

ACCOUNT NO.  
CITY DEED # 15218

**R-3855**

SHEET 6 OF 6

EPIC WORK ORDER: 29.11