

**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 CONSTRUCTION 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 " STREET LIGHTING PLANS" 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 BID 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.

**GENERAL NOTES STREET TREE PLANTING**

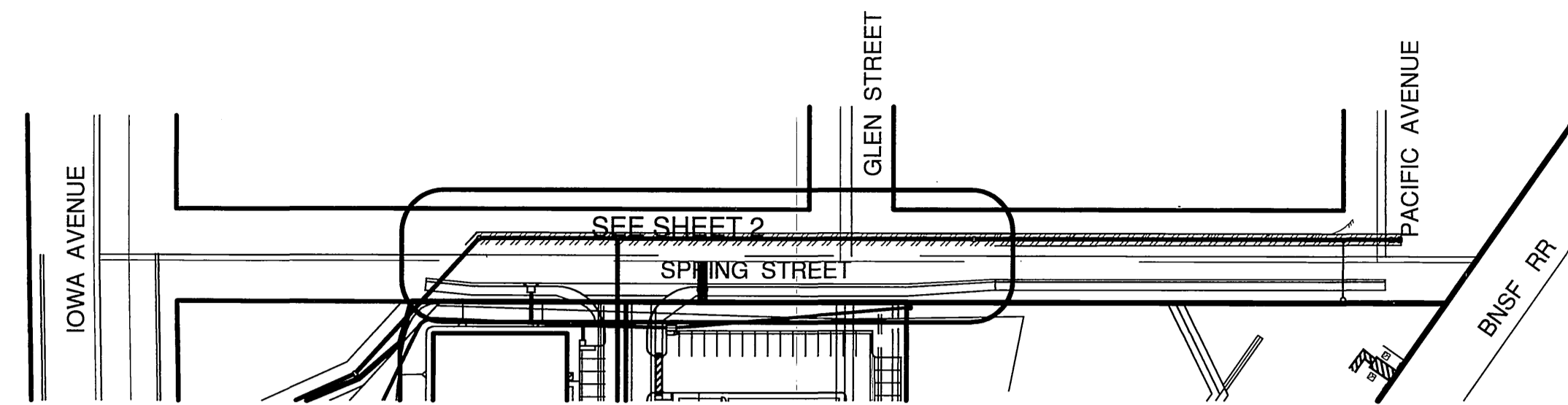
- ALL RELATED WORK SHALL CONFORM TO THE CITY OF RIVERSIDE, PARK AND RECREATION DEPARTMENT STANDARDS AND CITY OF RIVERSIDE STREET TREE POLICIES.
- CONTACT THE PARK PROJECTS INSPECTOR A MINIMUM OF 48 HOURS IN ADVANCE AT 715-3486 TO SCHEDULE INSPECTIONS. INSPECTIONS SHALL BE REQUIRED: A) WHEN PLANT LOCATIONS HAVE BEEN SPOTTED IN THE FIELD PRIOR TO DIGGING PLANT 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 REGULATIONS" 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.

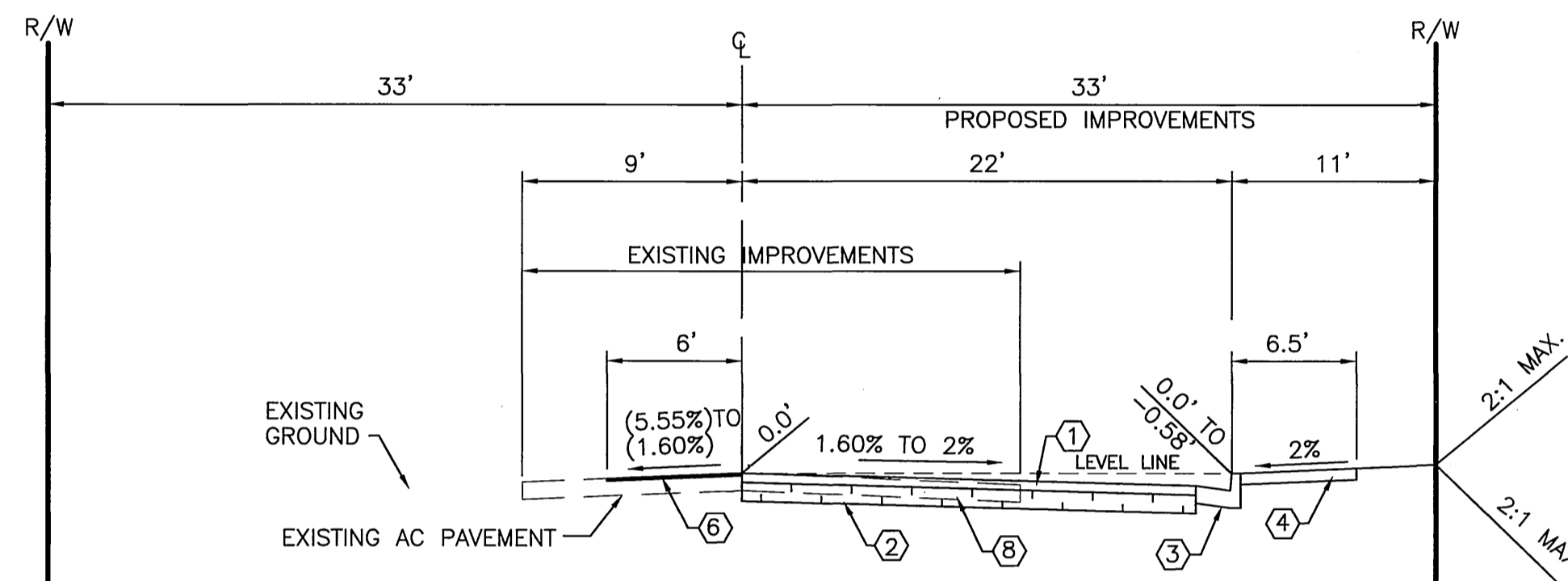
# STREET IMPROVEMENT PLANS

## SPRING STREET



**INDEX MAP**

SCALE: 1"=100'



**SPRING STREET**  
T.I.=6.0

**TYPICAL SECTION**  
NOT TO SCALE



**VICINITY MAP**  
NOT TO SCALE

**LEGEND**

- TC ——— TOP OF CURB
  - FL ——— FLOW LINE
  - FS ——— FINISHED SURFACE
  - GB ——— GRADE BREAK
- AC PAVEMENT
  - AC REMOVAL
  - OVERLAY

**SHEET INDEX**

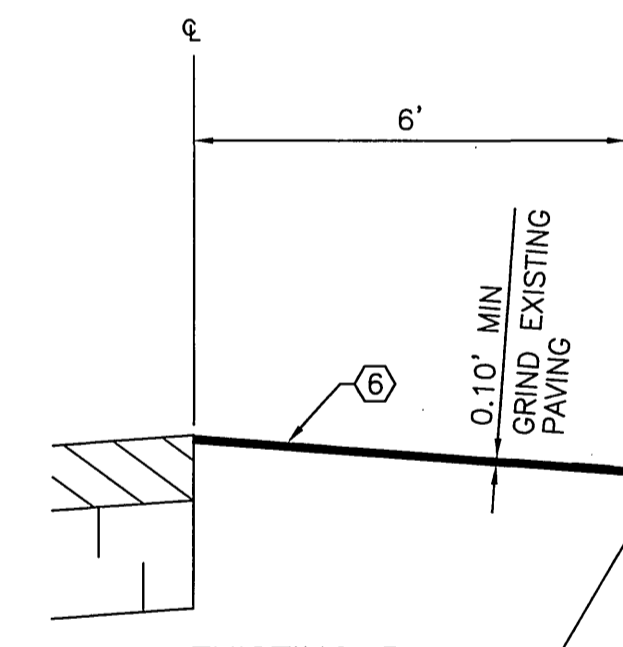
- SHEET 1 ————— TITLE SHEET
- SHEET 2 ————— PLAN AND PROFILE
- SHEET 3 ————— DETAIL SHEET

**UTILITY INFORMATION**

- CONTACT UTILITY COMPANIES BEFORE EXCAVATION
- PACIFIC BELL (951) 359-2273
  - SOUTHERN CALIF. GAS CO. (951) 335-7716
  - CITY OF RIVERSIDE
    - \*ELECTRIC (951) 826-5488
    - WATER (951) 826-5442
    - SEWER (951) 826-5341

\*CONTACT RIVERSIDE ELECTRIC CO. 90 DAYS IN ADVANCE OF CONSTRUCTION FOR RELOCATION OF EXISTING POWER POLE

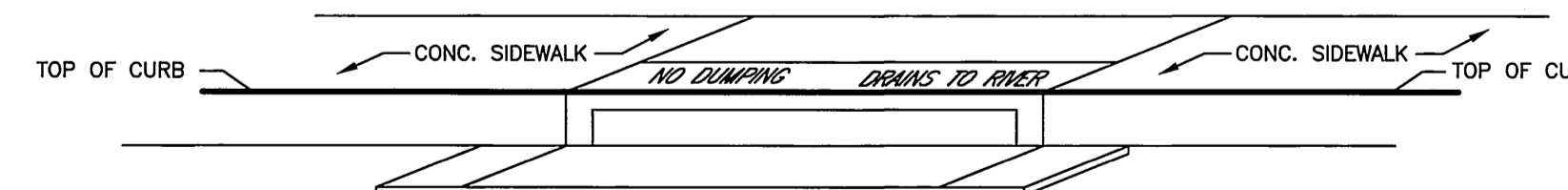
CONSTRUCTION NOTES AND QUANTITIES			
No.	QNTY.	UNIT	DESCRIPTION
①	7,881	SF	AC PAVEMENT
②	7,881	SF	AGGREGATE BASE - CLASS II
③	307	LF	6" CURB AND GUTTER TYPE I PER CITY OF RIVERSIDE STD. 200
④	3645	SF	CURB SIDEWALK PER CITY OF RIVERSIDE STD. DWG. NO. 325
⑤	1	EA	30' DRIVEWAY
⑥	2,918	SF	GRIND AND OVERLAY EXISTING AC 0.10' THICKNESS PER DETAIL "A", SHT 1
⑦	64	LF	REMOVE EXISTING CURB AND GUTTER
⑧	6,595	SF	SAW CUT AND REMOVE EXISTING AC PAVEMENT
⑨	1	EA	CATCH BASIN PER CITY OF RIVERSIDE STD. DWG. NO. 405 (W=4',V=4')
⑩	25	LF	18" R.C.P. STORM DRAIN
⑪	1	EA	CONSTRUCT 8' CROSS-GUTTER PER CITY OF RIVERSIDE STD. DWG. NO. 220



**DETAIL "A"**  
N.T.S.

**NOTES**

- Ⓐ STENCILS TO HAVE 2" LETTERS AS FOLLOWS:  
NO DUMPING  
DRAINS TO RIVER
- Ⓑ PLACE BOTH STENCILS CENTERED WITHIN THE CATCHBASIN OPENING AND WITHIN TO TOP OF CURB.
- Ⓒ SPRAY BOTH STENCILS WITH WHITE PAINT.
- Ⓓ REMOVE STENCILS WHEN PAINT IS DRY.



**CATCH BASIN STENCILING DETAIL**  
N.T.S.

CITY TAX CERTIFICATE NO. 027049 EXP. 01-25-06

**DIGALERT**  
DIAL BEFORE YOU DIG  
TWO WORKING DAYS BEFORE YOU DIG  
TOLL FREE 1-800-227-2600  
A PUBLIC SERVICE BY UNDERGROUND SERVICE ALERT

BENCH MARK: J8-F2  
CHISLED SQUARE AT THE SOUTH TOP OF A CATCH BASIN ON THE NORTHERLY SIDE OF CENTER STREET EAST OF TRANSIT AVENUE  
DATUM: 1929 ADJUSTMENT YEAR: 1971  
ELEV: 952.776

CITY OF RIVERSIDE PUBLIC UTILITIES WATER DIVISION  
APPROVED BY: *MW Mcd* DATE: 12/21/05  
CITY OF RIVERSIDE PUBLIC UTILITIES ELECTRIC DIVISION  
APPROVED BY: *Burmann* DATE: 12/21/05

REGISTERED PROFESSIONAL ENGINEER  
ALLEN W. MARTIN  
No. 38483  
EXP. 3-31-07  
CIVIL  
STATE OF CALIFORNIA

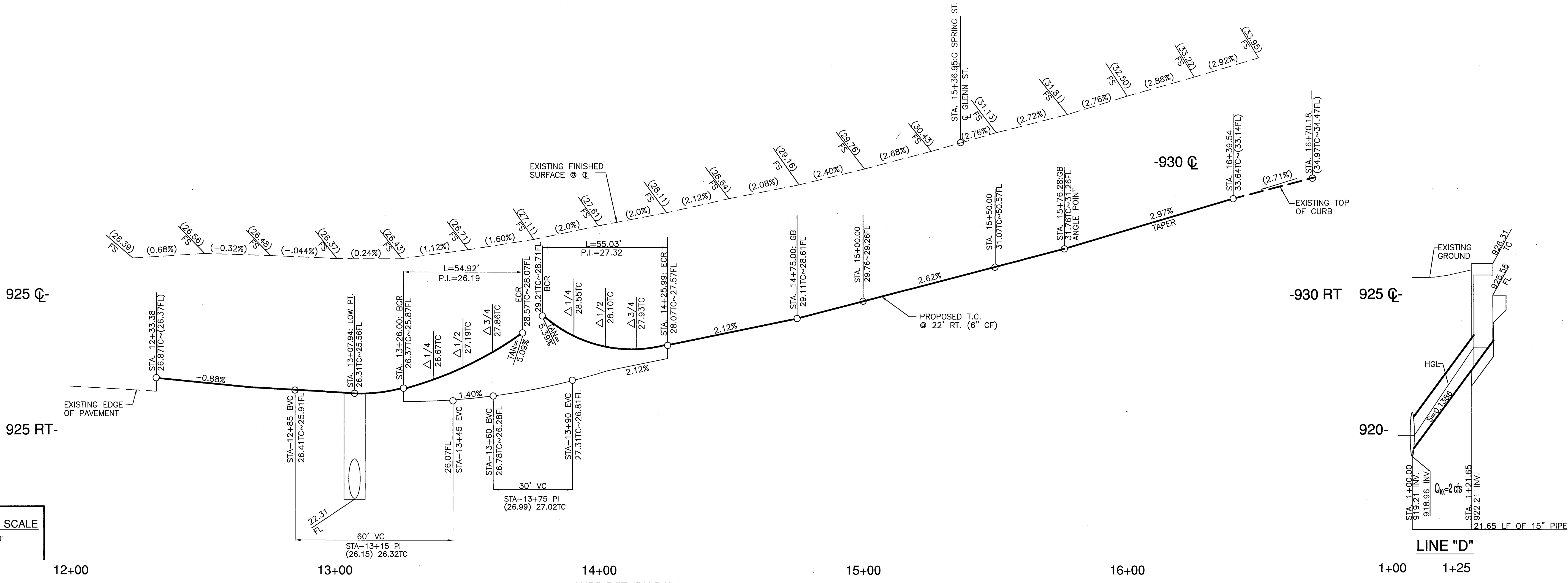
**Southland Engineering**  
2200 BUSINESS WAY, Ste. 100  
RIVERSIDE, CA 92501  
(951) 788-8488  
PREPARED UNDER THE SUPERVISION OF  
*Allen W. Martin* DATE: 12/21/05  
ALLEN W. MARTIN R.C.E. 38463 EXP. 3-31-07

MARK DESIGNED BY AR DRAWN BY AR CHECKED BY AVM  
REVISIONS  
APPR. DATE

**CITY OF RIVERSIDE**  
PUBLIC WORKS DEPARTMENT  
APPROVED BY: *PH* DATE: 1/17/06  
PRINCIPAL ENGINEER  
TRAFFIC DIVISION: 1/12/06  
CITY ENGINEER  
DATE: 1/20/06

**STREET IMPROVEMENTS PLAN**  
ACCOUNT NO. PW05-0284  
PM 31869  
TITLE SHEET  
SPRING STREET  
SCALE: AS NOTED

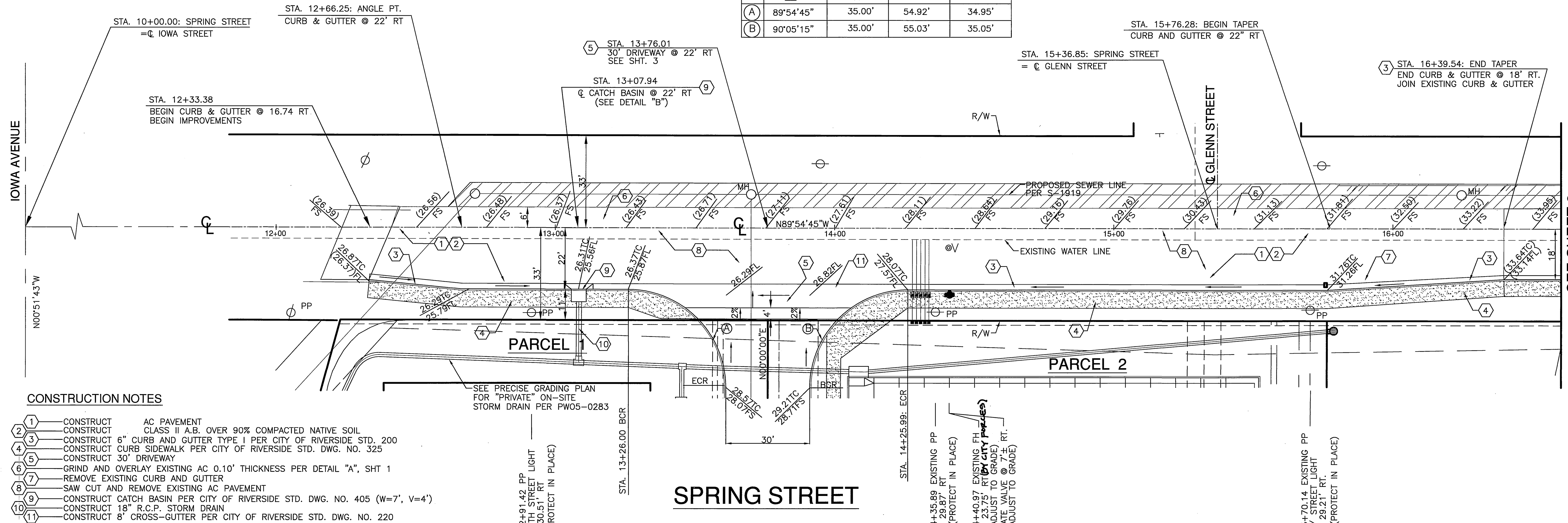
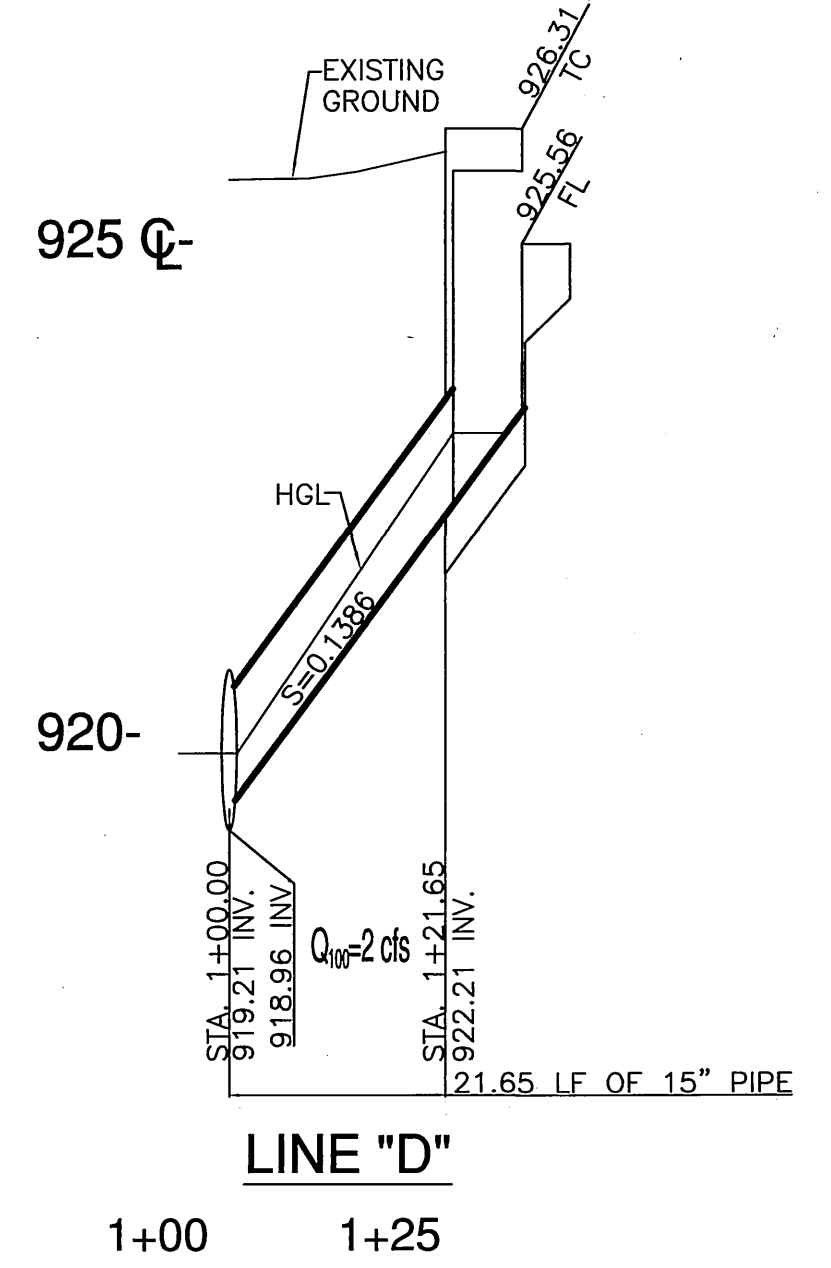
ACCOUNT NO. PW05-0284  
R-3873  
SHEET 1 OF 3  
W.D. 24165



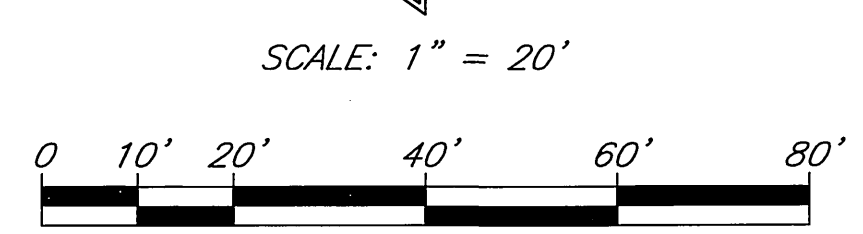
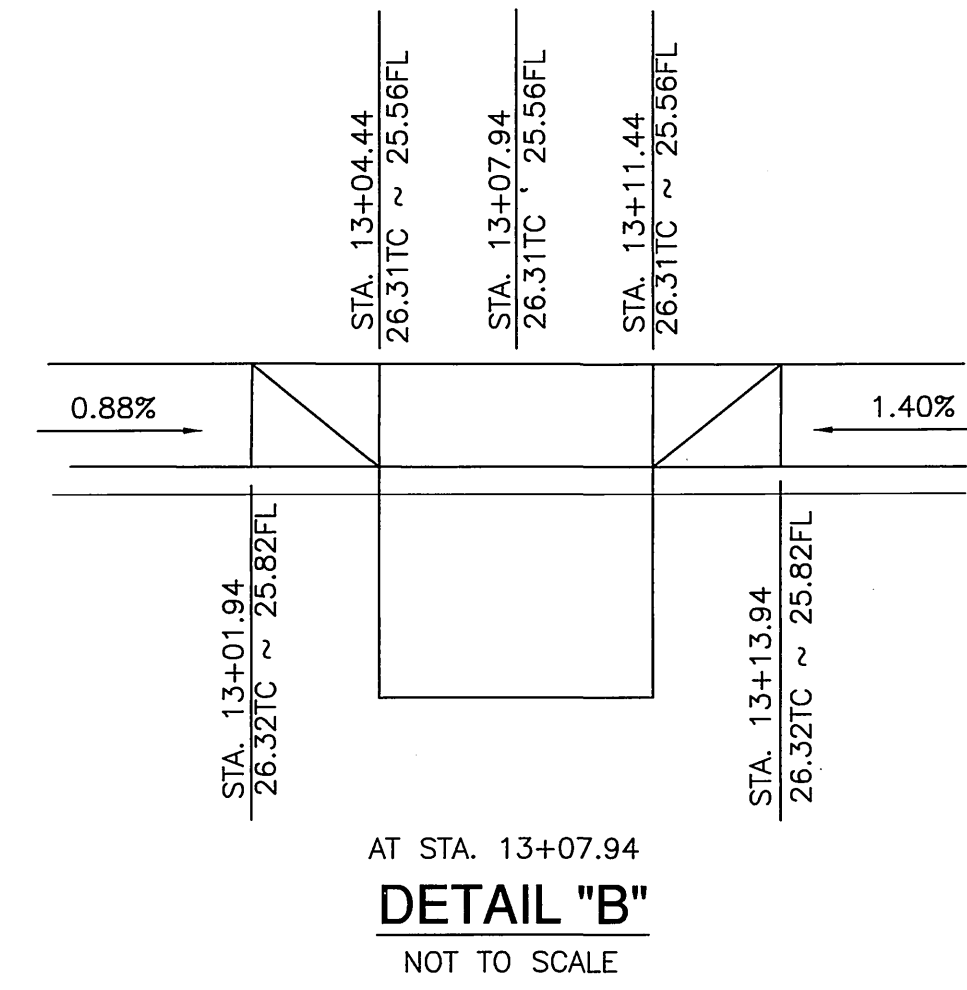
**PROFILE SCALE**  
 HORIZ. 1"=20'  
 VERT. 1"=2'

**CURB RETURN DATA**

	Δ	R	L	T
(A)	89°54'45"	35.00'	54.92'	34.95'
(B)	90°05'15"	35.00'	55.03'	35.05'



- CONSTRUCTION NOTES**
- CONSTRUCT AC PAVEMENT
  - CONSTRUCT CLASS II A.B. OVER 90% COMPACTED NATIVE SOIL
  - CONSTRUCT 6" CURB AND GUTTER TYPE I PER CITY OF RIVERSIDE STD. 200
  - CONSTRUCT CURB SIDEWALK PER CITY OF RIVERSIDE STD. DWG. NO. 325
  - CONSTRUCT 30" DRIVEWAY
  - GRIND AND OVERLAY EXISTING AC 0.10" THICKNESS PER DETAIL "A", SHT 1
  - REMOVE EXISTING CURB AND GUTTER
  - SAW CUT AND REMOVE EXISTING AC PAVEMENT
  - CONSTRUCT CATCH BASIN PER CITY OF RIVERSIDE STD. DWG. NO. 405 (W=7', V=4')
  - CONSTRUCT 18" R.C.P. STORM DRAIN
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CITY OF RIVERSIDE  
 DOMESTIC WATER SYSTEM  
 APPROVED BY: *MW M... 12/21/05*  
 ELECTRIC  
*B... 12/21/05*



**Southland Engineering**  
 2200 BUSINESS WAY, Ste. 100  
 RIVERSIDE, CA 92501  
 (951) 788-8488  
 PREPARED UNDER THE SUPERVISION OF  
*Allen W. Martin 12/21/05*  
 ALLEN W. MARTIN  
 R.C.E. 38463

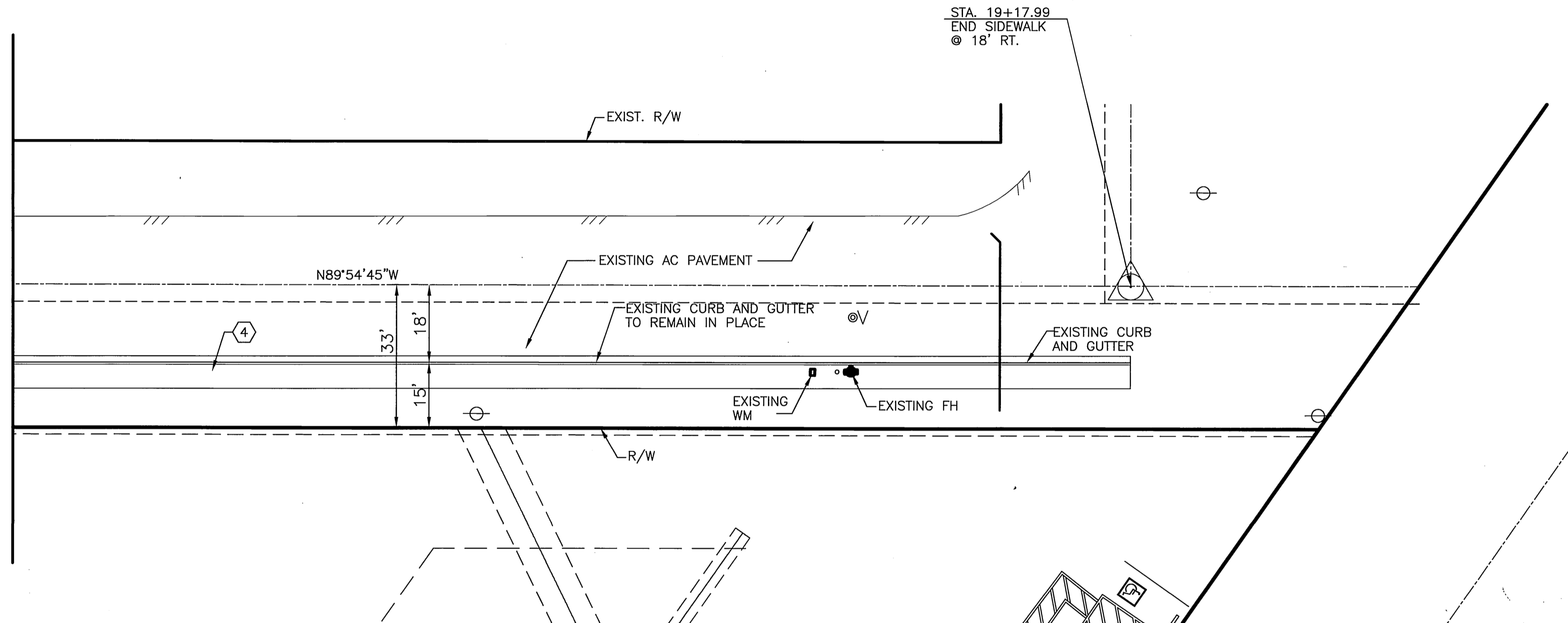
DESIGNED BY: JH  
 DRAWN BY: GC  
 CHECKED BY: AWM  
 DATE: 1/11/06

**CITY OF RIVERSIDE**  
 PUBLIC WORKS DEPARTMENT  
 APPROVED BY: *[Signature]* DATE: 1/11/06  
 PRINCIPAL ENGINEER  
 PARK DEPARTMENT  
 TRAFFIC DIVISION  
 STREET SERVICES

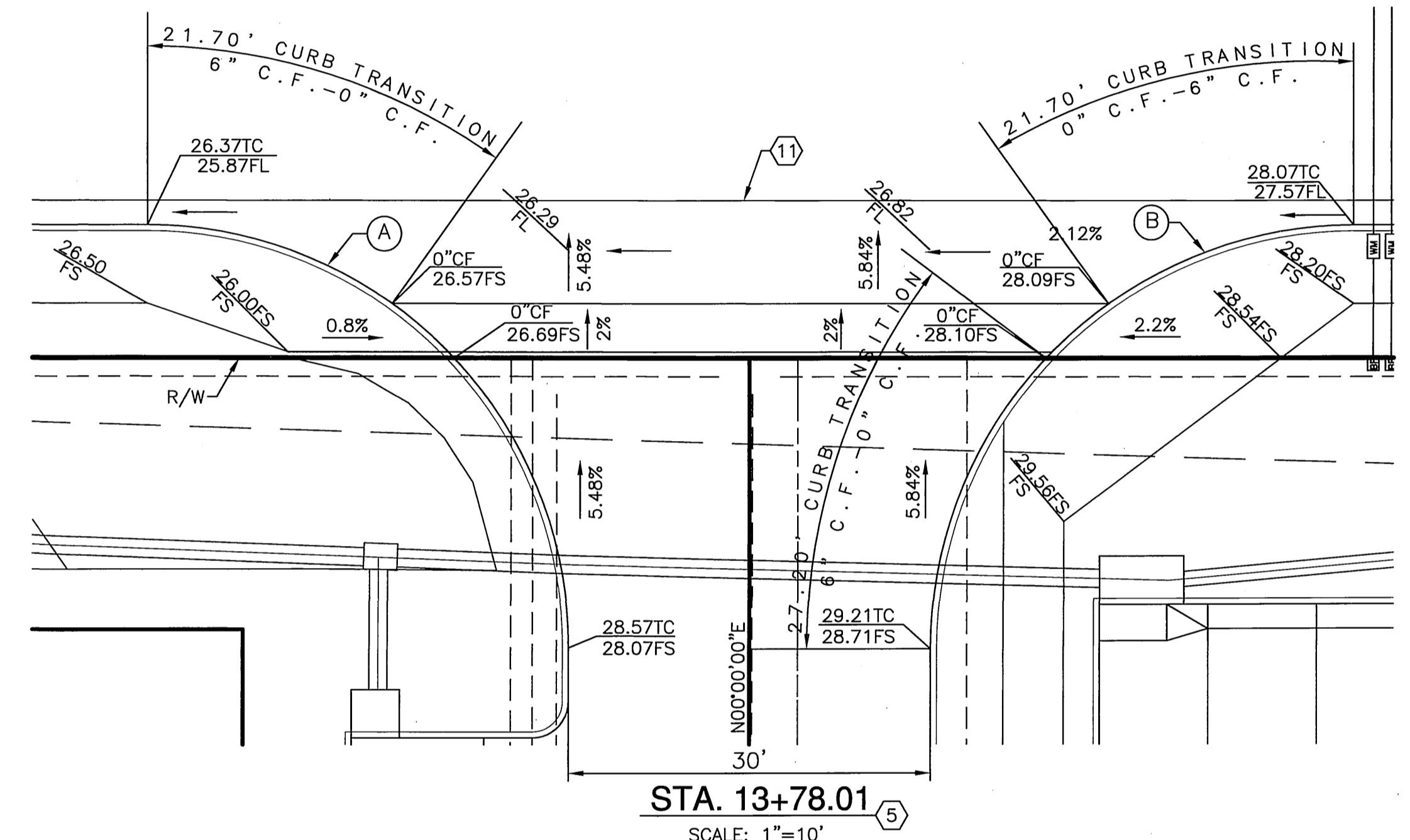
**STREET IMPROVEMENTS PLAN**  
 PM 31869  
 PLAN AND PROFILE  
 SPRING STREET  
 HORIZ. SCALE: 1" = 20' VERT. SCALE: 1" = 2'

PWO 5-0284  
 ACCOUNT NO.  
**R- 3873**  
 SHEET **2** OF **3**  
 24165

SEE SHEET 2  
STA. 16+60.00



**SPRING STREET**

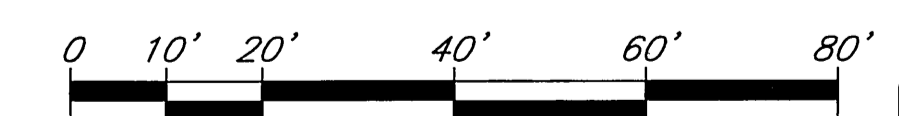
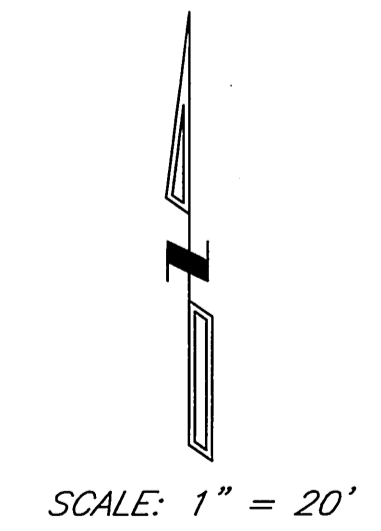


**CONSTRUCTION NOTES**

- 4 CONSTRUCT CURB SIDEWALK PER CITY OF RIVERSIDE STD. DWG. NO. 325
- 5 CONSTRUCT 30' DRIVEWAY
- 11 CONSTRUCT 8" CROSS-GUTTER PER CITY OF RIVERSIDE STD. DWG. NO. 220

**CURB RETURN DATA**

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DATUM: 1929 ADJUSTMENT YEAR: 1971  
ELEV: 952.776

CITY OF RIVERSIDE  
DOMESTIC WATER SYSTEM  
APPROVED BY: *MW McNeil* 12/21/05  
ELECTRIC  
*Buttman* 12/21/05



**Southland Engineering**  
2200 BUSINESS WAY, Ste. 100  
RIVERSIDE, CA 92501  
(951) 788-8488  
PREPARED UNDER THE SUPERVISION OF  
*Allen W. Martin* 12/21/05  
ALLEN W. MARTIN R.C.E. 38463 DATE 12/21/05 EXP. 3-31-07

MARK REVISIONS APPR. DATE  
DESIGNED BY JH DRAWN BY GC CHECKED BY AVM

**CITY OF RIVERSIDE**  
PUBLIC WORKS DEPARTMENT  
APPROVED BY: *[Signature]* DATE 1/17/06 BY PH  
PRINCIPAL ENGINEER  
TRAFFIC DIVISION 1/18/06  
DATE 1/20/06

**STREET IMPROVEMENTS PLAN**  
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PWO 5-0284  
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SHEET 3 OF 3  
24165

INDEXED 1-23-06 FH