

**GENERAL NOTES**

- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CLEAR THE RIGHT-OF-WAY IN ACCORDANCE WITH THE SPECIAL 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.
- THE DEVELOPER SHALL BE RESPONSIBLE FOR PRESERVING OR REESTABLISHING AND REFERENCING SURVEY MONUMENTS DESTROYED, DISTURBED OR BURIED AS A RESULT OF CONSTRUCTION SHOWN HEREON.
- ALL FLAGGED ELEVATIONS SHALL BE STAKED IN THE FIELD BY THE PRIVATE ENGINEER.
- ANY TRAFFIC CONTROL STRIPING OBLITERATED AND/OR BADLY WORN DURING CONSTRUCTION SHALL BE RESTORED BY THE CONTRACTOR WITHIN FIVE DAYS AFTER NOTIFICATION FROM THE CITY INSPECTORS.
- 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 BEEN PROVIDED AN INQUIRY IDENTIFICATION NUMBER BY U.S.A.
- PIPE BEDDING TO BE CASE I PER CITY OF RIVERSIDE STD. NO. 452.
- 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.
- DEVELOPER AND/OR CONTRACTOR TO GIVE RCFC 5-DAYS WRITTEN NOTICE PRIOR TO STARTING WORK ON STORM DRAIN (OR DOING ANY WORK WITHIN EASEMENTS). RCFC ENCROACHMENT PERMIT NO. 1-0-0060-2460.
- THE CONTRACTOR SHALL COORDINATE TRENCHING FOR CABLE TELEVISION WITH OTHER TRENCHING WITHIN THE SUBDIVISION.

**NOTICE TO CONTRACTOR**

ACCORDING TO INFORMATION PROVIDED BY UNDERGROUND SERVICE ALERT (U.S.A.) DATED FEBRUARY 18, 1999, THE FOLLOWING ORGANIZATIONS ARE U.S.A. MEMBERS WITHIN THE PROJECT AREA:

CHARTER COMMUNICATIONS	MEDIA ONE
PACIFIC BELL MOBILE SERVICE	PACIFIC BELL
QUESTAR LINE 90 COMPANY	CITY OF RIVERSIDE
SANTA ANA WATERSHED PROJECT AUTH.	THE GAS COMPANY

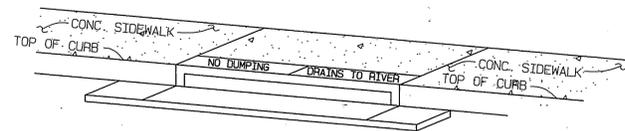
THE EXISTENCE AND LOCATIONS OF ALL UNDERGROUND UTILITIES (UTILITY PIPES, STRUCTURES, ETC.) SHOWN ON THESE PLANS (MAIN LINES ONLY - NO SERVICE LATERALS) WERE ASCERTAINED BY A REVIEW OF RECORDS PROVIDED BY THESE MEMBER AGENCIES AND ARE APPROXIMATE. NEITHER THE OWNER NOR THE ENGINEER ASSUMES ANY RESPONSIBILITY FOR UTILITIES NOT SHOWN OR NOT IN THE LOCATION SHOWN.

THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT ALL UTILITIES SHOWN ON THESE PLANS AND/OR ANY OTHER UNDERGROUND UTILITIES NOT OF RECORD OR NOT SHOWN ON THESE PLANS.

THE CONTRACTOR IS RESPONSIBLE TO INSURE THAT ALL SIDEWALKS, RAMPS, RAILS, CLEARANCES AND APPURTENANCES MEET OR EXCEED THE MOST STRINGENT REQUIREMENTS OF CITY, STATE OR FEDERAL GOVERNMENT FOR ACCESSIBILITY.

**CONSTRUCTION NOTES**

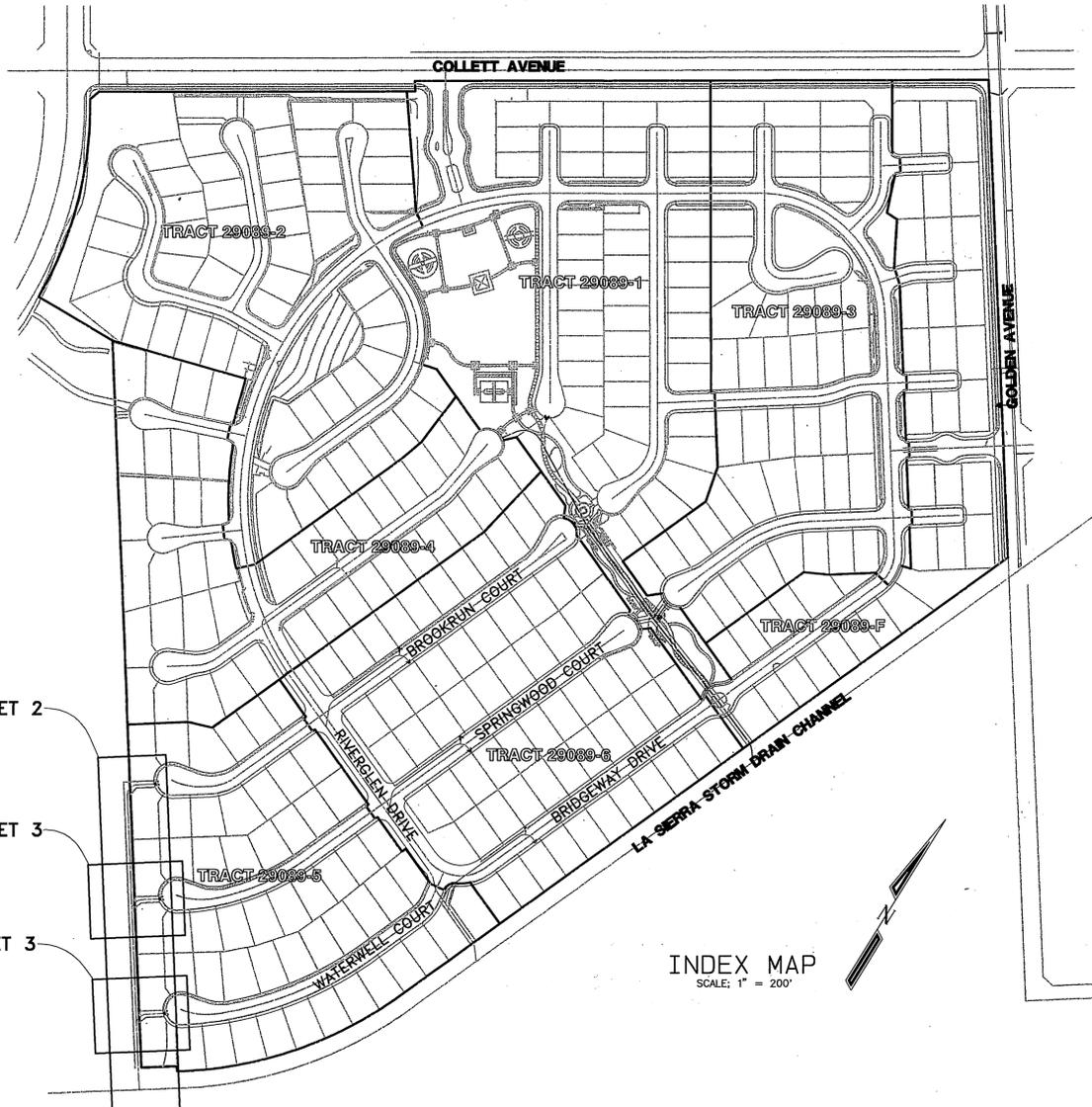
- CONSTRUCT 18" RCP (D-2000)
- CONSTRUCT 24" RCP (D-1750)
- CONSTRUCT JUNCTION STRUCTURE NO. 6 RCFC STD. JS231 (DETAIL THIS SHEET)
- CONSTRUCT 8" OF 12" PVC @ 1% W/ TEMP. END CAP
- CONSTRUCT JUNCTION STRUCTURE NO. 4 PER CITY OF RIVERSIDE STD. 423
- CONSTRUCT CATCH BASIN PER CITY OF RIVERSIDE STD. NO. 405
- CONSTRUCT MH EZ PER CITY OF RIVERSIDE STD. NO. 431
- PIPE BEDDING PER CITY OF RIVERSIDE STD. 452, CASE I
- CONSTRUCT CONCRETE COLLAR PER CITY OF RIVERSIDE STD NO. 424



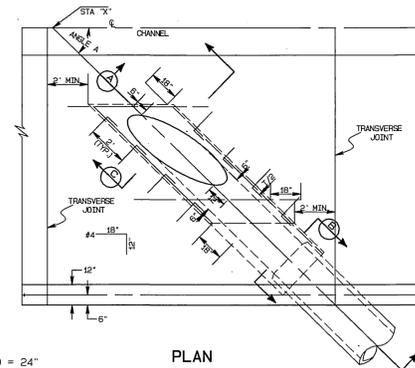
**CATCH BASIN STENCILING DETAIL**  
NOT TO SCALE

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

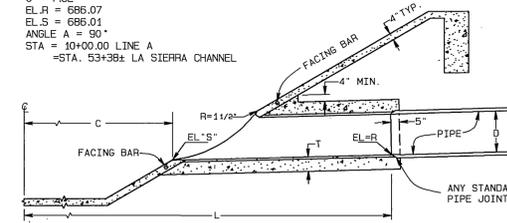
SEE SHEET 2  
SEE SHEET 3  
SEE SHEET 3



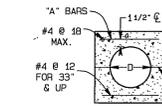
**INDEX MAP**  
SCALE: 1" = 200'



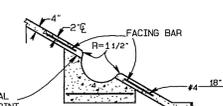
D = 24"  
L = 14.50'  
C = 7.50'  
EL. R = 686.07  
EL. S = 686.01  
ANGLE A = 90°  
STA. = 10+00.00 LINE A  
STA. = 53+38± LA SIERRA CHANNEL



**SECTION A**



**SECTION B**



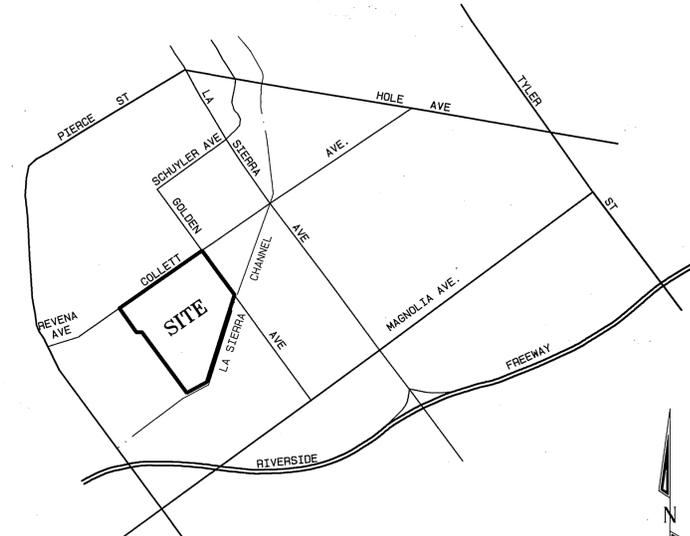
**SECTION C**

**JUNCTION STRUCTURE NO. 6**  
STANDARD DRAWING RCFC JS231

**TABLE FOR DIMENSIONS AND BAR SIZES**

D (IN)	T (IN)	"A" BARS
18	9	NO
21	9	LONGITUDINAL OR
24	9	"A" BARS
27	9	
30	9	
33	7	
36	7	# 4 @ 6"
39	7	
42	8	
45	8	
48	8	
51	9	
54	9	
57	10	# 5 @ 6"
60	10	
63	10	
66	11	
69	11	
72	11	
75	12	
78	12	
84	13	

- VALUES FOR D.L.C. EL., R. EL., S. ANGLE A AND STA. "X" ARE TO BE SHOWN ON PROJECT DRAWINGS.
- REINFORCING BARS SHALL BE PLACED 1 1/2" CLEAR FROM FACE OF CONCRETE.
- CONCRETE SHALL BE CLASS "A".
- PLACE # 4-12"x18" BARS WITH SHORT LEG HORIZONTAL IN VERTICAL J.S. WALL ROTATE LONGER LEG INTO CENTER OF SLOPE PAVING
- REINFORCEMENT SHALL BE PROVIDED IN ALL PORTIONS OF THE JUNCTION STRUCTURE AS INDICATED ON DRAWINGS REGARDLESS OF BAR LENGTH MODIFICATION REQUIRED TO ACHIEVE PROPER CLEARANCES



**VICINITY MAP**  
NOT TO SCALE

**BENCH MARK:**

CITY OF RIVERSIDE BENCH MARK NO E2-H3  
P.K. NAIL AND TAG IN THE CENTER OF THE MOST NORTHERLY CURB RETURN OF COLLETT AVENUE AND GOLDEN AVENUE  
ELEVATION: 697.978



CITY BUSINESS TAX CERTIFICATE NO. 005751 EXP. 12-31-01

**ALBERT A. WEBB ASSOCIATES CIVIL ENGINEERS**  
3788 McCray Street Riverside, CA 92506  
(909) 686-1070

APPROVED BY: *Mohammad Fajri* DATE: 4/20/01  
R.C.E. NO. C39530

DESIGNED BY: *MW* CHECKED BY: *AW* CHECKED BY: *AW*

MARK	ADDED CONST. NOTE	REVISIONS	APPR.	DATE

CITY OF RIVERSIDE, CALIFORNIA  
PUBLIC WORKS DEPARTMENT

APPROVED BY: *R. McSwain* DATE: 8-30-2001  
DIRECTOR OF PUBLIC WORKS

APPROVED BY: *[Signature]* DATE: 4/20/01  
PARK DEPARTMENT  
TRAFFIC DEPARTMENT  
STREET SERVICES  
DEP. P.W. DIRECTOR

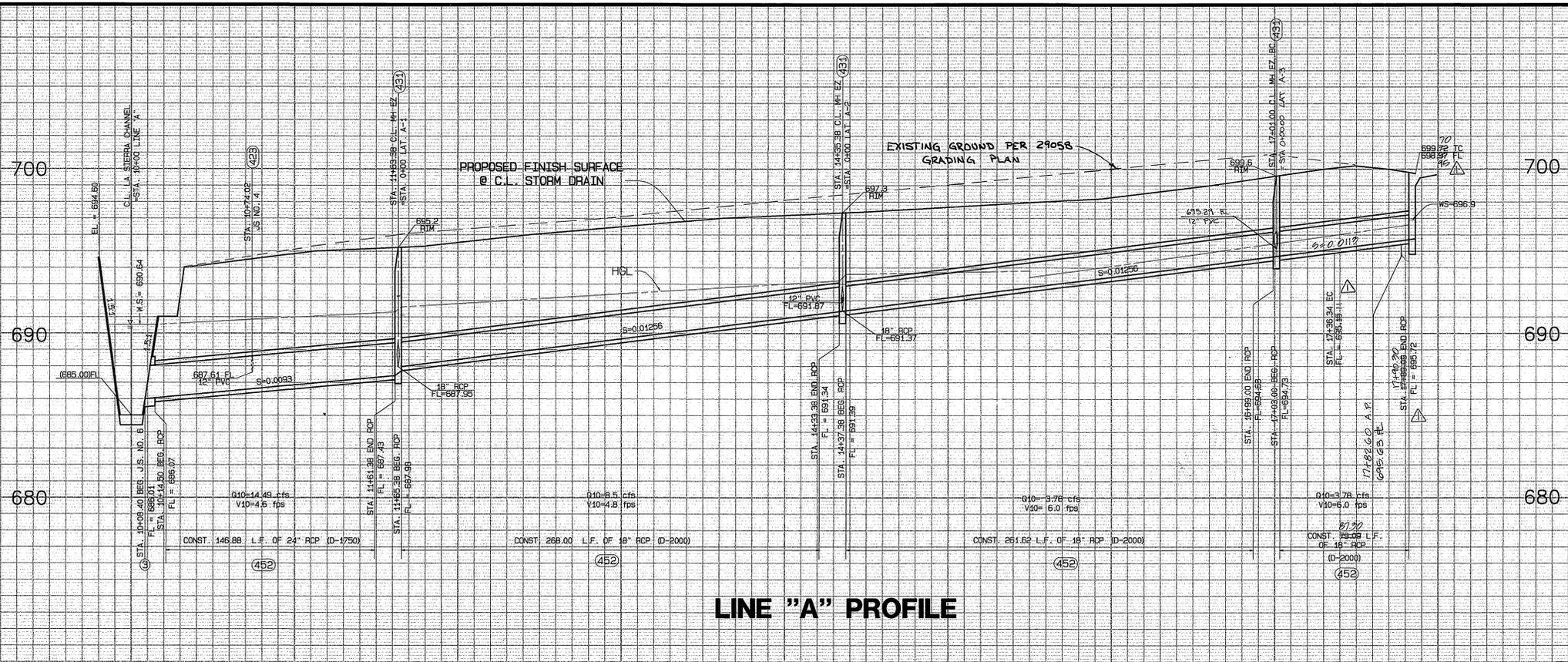
**STORM DRAIN PLAN & PROFILE**

**TRACT NO. 29089-5**  
INDEX SHEET

SCALE: AS SHOWN

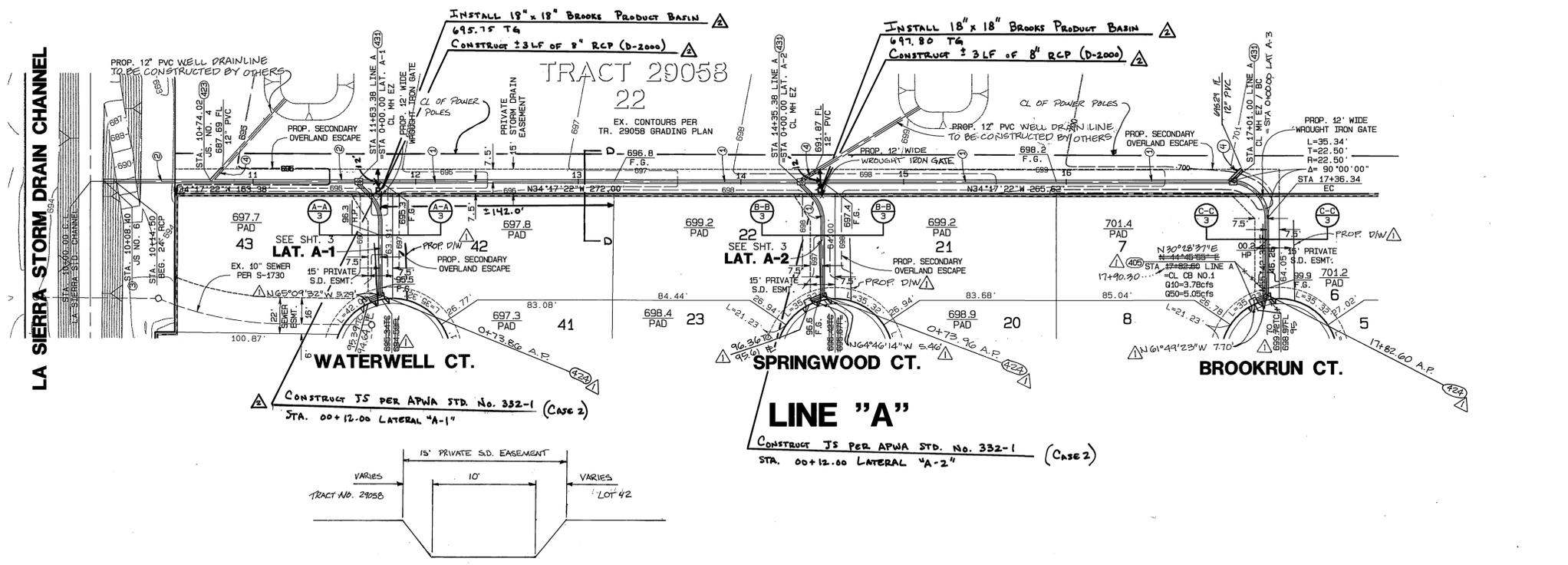
ACCOUNT NO. 990207  
DRAWING NUMBER **D-691**  
SHEET 1 OF 3  
99-0207

INDEXED 9-13-01 4H



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

10+00 11+00 12+00 13+00 14+00 15+00 16+00 17+00 18+00



- CONSTRUCTION NOTES**
- ① CONSTRUCT 18" RCP (D-2000)
  - ② CONSTRUCT 24" RCP (D-1750)
  - ③ CONSTRUCT JUNCTION STRUCTURE NO. 6 RCFE STD. JS231 (DETAIL SHEET 1)
  - ④ CONSTRUCT 8" OF 12" PVC 8 1/4" W/ TEMP. END CAP
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  - ④ CONSTRUCT CATCH BASIN PER CITY OF RIVERSIDE STD. NO. 405
  - ④ CONSTRUCT MH EZ PER CITY OF RIVERSIDE STD. NO. 431
  - ④ PIPE BEDDING PER CITY OF RIVERSIDE STD. 452, CASE I
  - ④ CONSTRUCT CONCRETE COLLAR PER CITY OF RIVERSIDE STD. NO. 424



REVISION BY:  
**DAVID EVANS AND ASSOCIATES INC.**  
 800 North Haven Avenue, Suite 300  
 Ontario California 91764  
 Phone: 909.481.5750  
 DATE: 5/3/05



SECTION D-D  
 NOT TO SCALE

**UNDERGROUND SERVICE ALERT**  
 CALL: TOLL FREE 1-800-227-2600  
 TWO WORKING DAYS BEFORE YOU DIG

**BENCH MARK:**  
 CITY OF RIVERSIDE BENCH MARK NO E2-H3  
 P.K. NAIL AND TAG IN THE CENTER OF THE MOST NORTHERLY CURB RETURN OF COLLETT AVENUE AND GOLDEN AVENUE  
 ELEVATION: 697.978



CITY BUSINESS TAX CERTIFICATE NO. 005751 EXP. 12-31-01  
**ALBERT A. WEBB ASSOCIATES CIVIL ENGINEERS**  
 3788 McCRAE STREET RIVERSIDE, CA 92506  
 (909) 686-1070  
 APPROVED BY: [Signature] DATE: 4/20/01  
 R.C.E. NO. C39530

DESIGNED BY: [Signature]	CHECKED BY: [Signature]
DATE: 4/20/01	DATE: 4/20/01

CITY OF RIVERSIDE, CALIFORNIA PUBLIC WORKS DEPARTMENT	
APPROVED BY: [Signature]	DATE: 5/3/05
PRINCIPAL ENGINEER: [Signature]	TRAFFIC DEPARTMENT: [Signature]
STREET SERVICES: [Signature]	DEP. P.W. DIRECTOR: [Signature]

**STORM DRAIN PLAN & PROFILE**  
**TRACT NO. 29089-5**  
**LINE "A" (PRIVATE STORM DRAIN)**  
 SCALE: HORIZ. = 1"=40' VERT. = 1"=4'

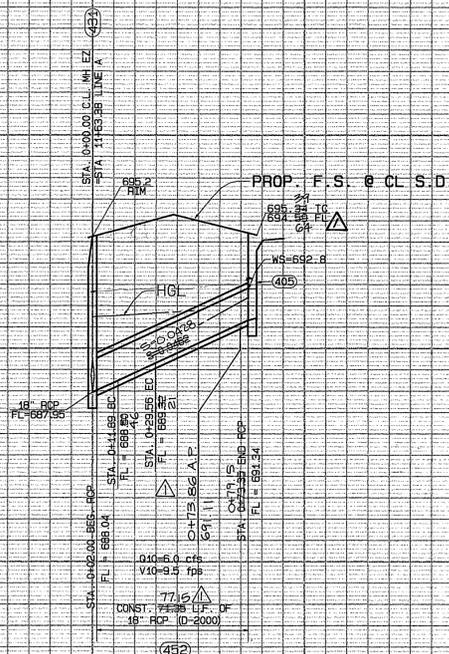
ACCOUNT NO. 990207  
 DRAWING NUMBER **D-691**  
 SHEET 2 OF 3  
 99-0207

INDEXED 9-12-01 [Signature]

700

690

680

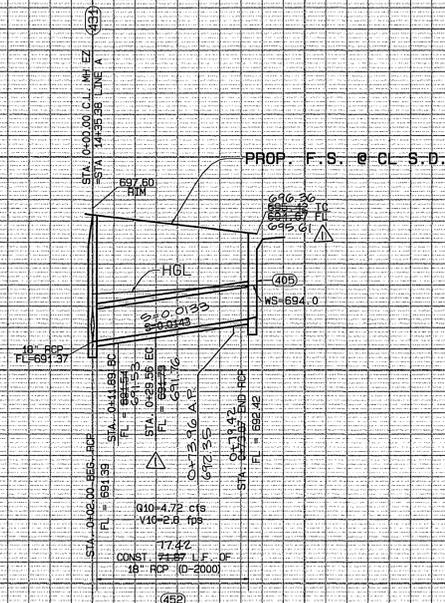


LAT. "A-1" PROFILE

700

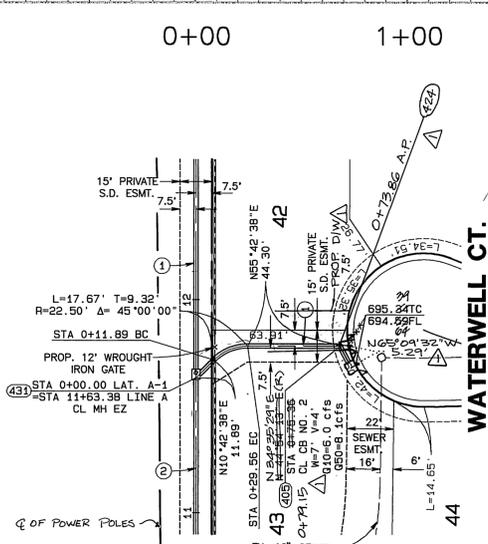
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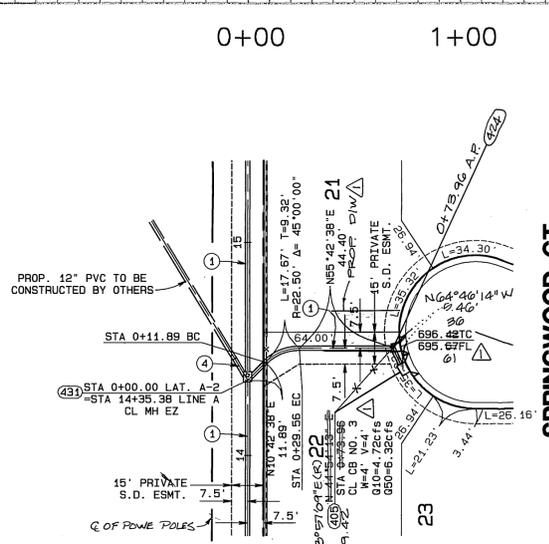
LAT. "A-2" PROFILE

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



LATERAL A-1

WATERWELL CT.



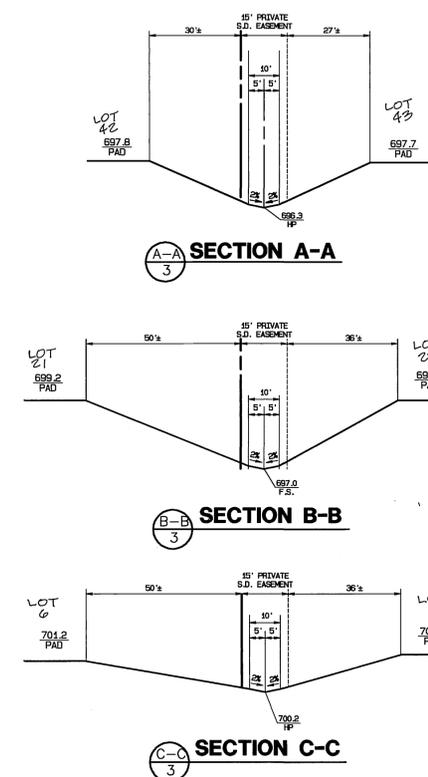
LATERAL A-2

SPRINGWOOD CT.

NOTE:  
 FOR SECONDARY OVERFLOW  
 SEE GRADING ON SHT. 2

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UNDERGROUND SERVICE ALERT  
 CALL: TOLL FREE  
 1-800  
 227-2600  
 TWO WORKING DAYS BEFORE YOU DIG

**BENCH MARK:**  
 CITY OF RIVERSIDE BENCH MARK NO E2-H3  
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CITY BUSINESS TAX CERTIFICATE NO. 005751 EXP. 12-31-01  
**ALBERT A. WEBB ASSOCIATES**  
 CIVIL ENGINEERS  
 3788 McCRA Y STREET RIVERSIDE, CA 92506  
 (909) 686-1070  
 APPROVED BY: *Albert A. Webb* DATE: 4/20/01  
 R.C.E. NO. C39530

MARK	REVISIONS	DATE
1	RELOCATED CBS TO CLEAR D/W	4/20/01
2		
3		

CITY OF RIVERSIDE, CALIFORNIA  
 PUBLIC WORKS DEPARTMENT  
 APPROVED BY: *R.M. [Signature]* DATE: 3-30-2001  
 DIRECTOR OF PUBLIC WORKS

**STORM DRAIN PLAN & PROFILE**  
**TRACT NO. 29089-5**  
**LATERAL "A-1" & LATERAL "A-2"**  
**(PRIVATE STORM DRAIN)**  
 SCALE: HORIZ. = 1"=40' VERT. = 1"=4'

ACCOUNT NO. 990207  
 DRAWING NUMBER  
**D-691**  
 SHEET 3 OF 3  
 99-0207

INDEXED 9-12-01 GH