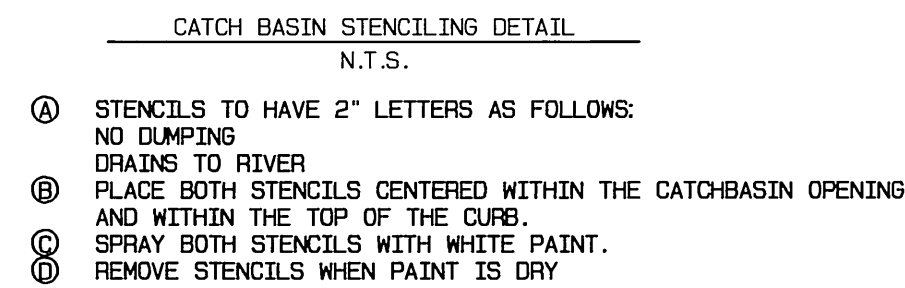


- ① ——— CONSTRUCT 18" RCP (CLASS IV)
- ② ——— CONSTRUCT 36" RCP (D-1500)
- ③ ——— CONSTRUCT CATCH BASIN PER CITY OF RIVERSIDE STD. DWG. NO. 405
- ④ ——— CONSTRUCT JUNCTION STRUCTURE B PER CITY OF RIVERSIDE STD. DWG. NO. 421
- ⑤ ——— CONSTRUCT MANHOLE JM PER CITY OF RIVERSIDE STD. DWG. NO. 432
- ⑥ ——— CONSTRUCT CONCRETE BULKHEAD (MODIFIED) PER DETAIL SHOWN
- ⑦ ——— CONSTRUCT 8' STUB OF 18" RCP (CLASS IV) @ 1% WITH CONCRETE BULKHEAD
RCFC & WCD STD. DWG. NO. M816
- ⑧ ——— CONSTRUCT C.S.P. INLET PER CITY OF RIVERSIDE STD. DWG. NO. 412



- 1 QUANTITIES SHOWN ARE FOR INFORMATION ONLY AND THE CITY OF RIVERSIDE IS
2 NOT RESPONSIBLE FOR THEIR ACCURACY.
- 3 CONSTRUCTION SHALL BE IN ACCORDANCE WITH CITY OF RIVERSIDE DEPT. OF
4 PUBLIC WORKS STANDARD DRAWINGS, ITS SUPPLEMENTAL NOTES AND THE STANDARD
5 SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, CURRENT EDITION.
- 6 IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CLEAR THE RIGHT OF
7 WAY IN ACCORDANCE WITH THE PROVISIONS OF LAW AS IT AFFECTS EACH UTILITY
8 INCLUDING IRRIGATION LINES AND APPURTENANCES AND AT NO COST TO THE CITY.
- 9 THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES
10 SHOWN ON THESE PLANS WERE OBTAINED BY A SEARCH OF AVAILABLE RECORDS. TO
11 THE BEST OF OUR KNOWLEDGE THERE ARE NO EXISTING UTILITIES EXCEPT AS SHOWN
12 ON THESE PLANS. THE CONTRACTOR IS REQUIRED TO TAKE PRECAUTIONARY MEASURES
13 TO PROTECT THE UTILITY LINES SHOWN AND ANY OTHER LINES NOT OF RECORD OR NOT
14 SHOWN ON THESE PLANS.
- 15 THE PRIVATE ENGINEER SIGNING THESE PLANS IS RESPONSIBLE FOR ASSURING THE
16 ACCURACY AND ACCEPTABILITY OF THE WORK HEREON. IN THE EVENT OF DISCREPANCIES
17 ARISING DURING CONSTRUCTION, THE PRIVATE ENGINEER SHALL BE RESPONSIBLE
18 FOR DETERMINING AN ACCEPTABLE SOLUTION AND REVISING THE PLANS FOR APPROVAL BY
19 THE CITY.
- 20 THE CONTRACTOR SHALL CALL IN A LOCATIONS REQUEST TO UNDERGROUND SERVICE ALERT
21 (U.S.A.), PHONE NO. 1-800-227-2800, TWO WORKING DAYS BEFORE DIGGING. NO
22 CONSTRUCTION PERMIT WILL BE ISSUED BY PUBLIC WORKS DEPARTMENT INVOLVING
23 EXCAVATION FOR UNDERGROUND FACILITIES UNLESS THE APPLICANT HAS BEEN PROVIDED
24 AN INQUIRY IDENTIFICATION NUMBER BY U.S.A.
- 25 THE DEVELOPER SHALL BE RESPONSIBLE FOR PRESERVING OR RE-ESTABLISHING AND
26 REFERENCING SURVEY MONUMENTS DESTROYED, DISTURBED OR BURIED AS A RESULT OF
27 CONSTRUCTION SHOWN HEREON.
- 28 ALL EMBANKMENT FILL SHALL BE COMPACTED TO A MINIMUM OF 90% MAXIMUM DRY
29 DENSITY AND SHALL BE OF AN APPROVED QUALITY.
- 30 ANY TRAFFIC CONTROL STRIPING OBLITERATED AND /OR BADLY WORN DURING CONSTRUCTION
31 SHALL BE RESTORED BY THE CONTRACTOR WITHIN FIVE DAYS AFTER NOTIFICATION FROM
32 THE CITY INSPECTORS.
- 33 NO PERSON SHALL PERFORM ANY CONSTRUCTION ACTIVITY OR INSTALL ANY OBJECTS
34 WITHIN THE PUBLIC RIGHTS-OF-WAY OR EASEMENTS OF THE CITY OF RIVERSIDE WITHOUT
35 A VALID CONSTRUCTION PERMIT OR A STREET OPENING PERMIT OR AN ENCROACHMENT PERMIT
36 ISSUED BY THE CITY'S PUBLIC WORKS DEPARTMENT.

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 CORONA
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.

CALL UNDERGROUND SERVICE ALERT (U.S.A.) 1-800-227-2600 AT LEAST 2 WORKING DAYS PRIOR TO EXCAVATION.

THE QUANTITY ESTIMATE SHOWN HEREON IS FOR THE USE OF GOVERNING AGENCIES
IN DETERMINING BOND AMOUNTS AND/OR FEES AND IS NOT TO BE USED FOR BID
PURPOSES.

CITY OF RIVERSIDE BENCH MARK NO. F2-03 P.K.
NAIL AND TAG IN THE MOST SOUTHERLY CURB
RETURN AT PIERCE STREET AND GOLDEN AVENUE.
ELEVATION: 722.756

ELEVATION: 722.756



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 Mo L. Fajl DATE 2/16/01
R.C.E. NO. C39530

W.O. 99-311 FOR: GRIFFIN INDUSTRIES

F.B. 1999

MARK	REVISIONS	APPR.	DATE
DESIGNED BY: C.R.T. CHECKED BY: <i>OM</i> PLN CHK REF 10/97			

APPROVED BY			BY	DATE	APPROVED BY	
PRINCIPAL ENGINEER					 DIRECTOR OF PUBLIC WORKS	
PARK DEPARTMENT						
TRAFFIC DIVISION						
DEPUTY P.W. DIRECTOR						
STREET SERVICES						

**TRACT NO. 29090-1
LINE "A", LAT. "A-1", AND
LAT "A-2"**

SCALE: AS SHOWN

CCOUNT NO. 99-0311

DRAWING NUMBER

D-689

SHEET **1** OF **2**

99-0311

INDEXED 6-26-01 471

FILE: G:\1999\99-0311\990311sd.pro PLOT DATE: 2/16/2001

NOTE:
CONTRACTOR SHALL VERIFY
EXIST. LOCATION AND ELEVATION
OF EXIST. WATERLINE AND STORM
DRAIN INVERT PRIOR TO CONSTRUCTION

705

695

685

PROP. GRADE @ CL OF S.D.

GRAVEL BAGS

PROP. 36" R.C.P.

PROP. 18" R.C.P.

REMOVE EXIST. 24" C.I.P.

EXIST. 36" C.I.P.

Q100=27.6cfs
V100=3.90fps

Q100=20.9cfs
V100=2.96fps

Q100=3.3cfs
V100=3.3fps

Q100=3.4cfs
V100=3.3fps

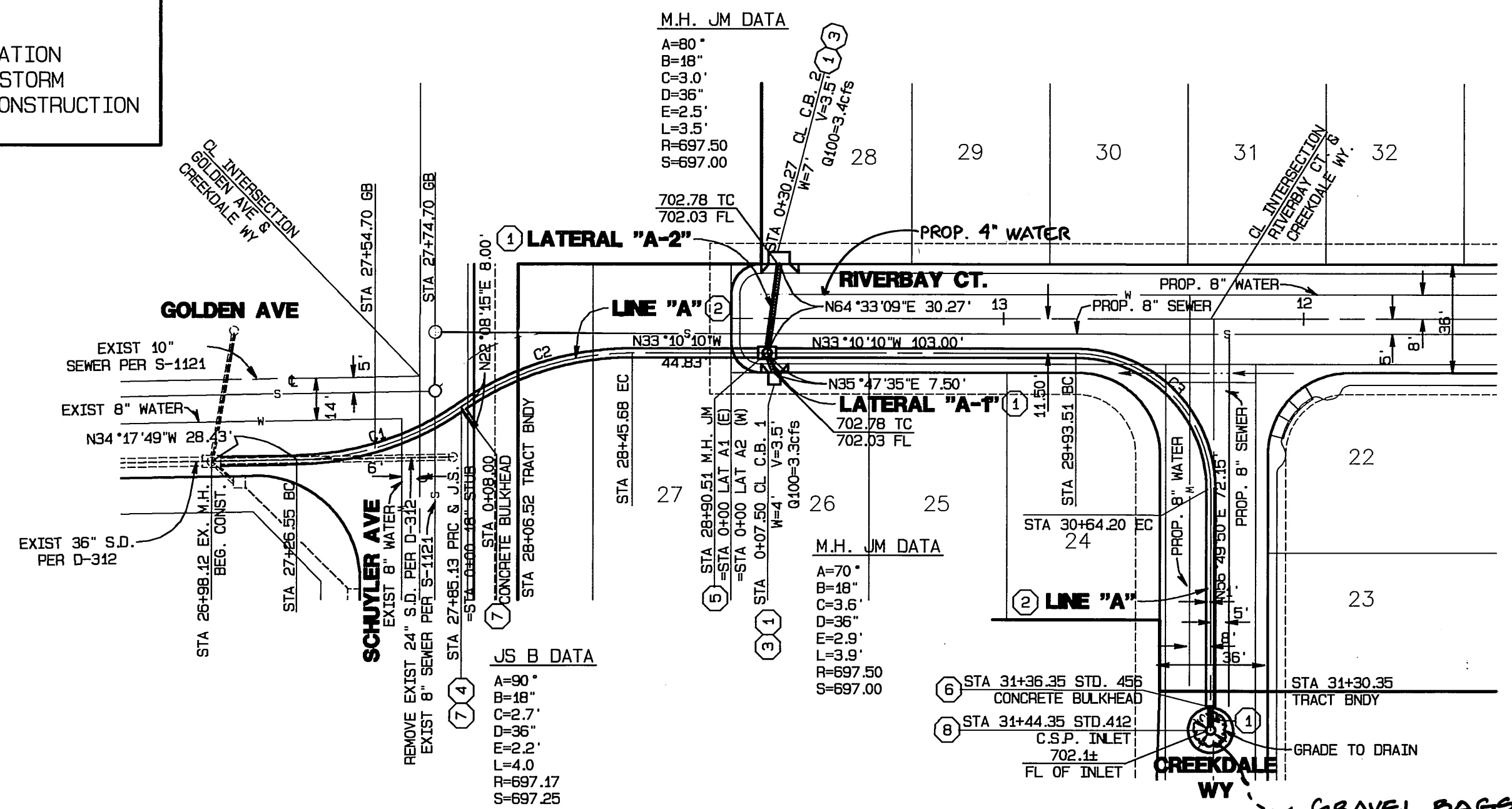
LINE "A"

LAT "A-1"

LAT "A-2"

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

NOTE:
CONTRACTOR SHALL VERIFY
EXIST. LOCATION AND ELEVATION
OF EXIST. WATERLINE AND STORM
DRAIN INVERT PRIOR TO CONSTRUCTION

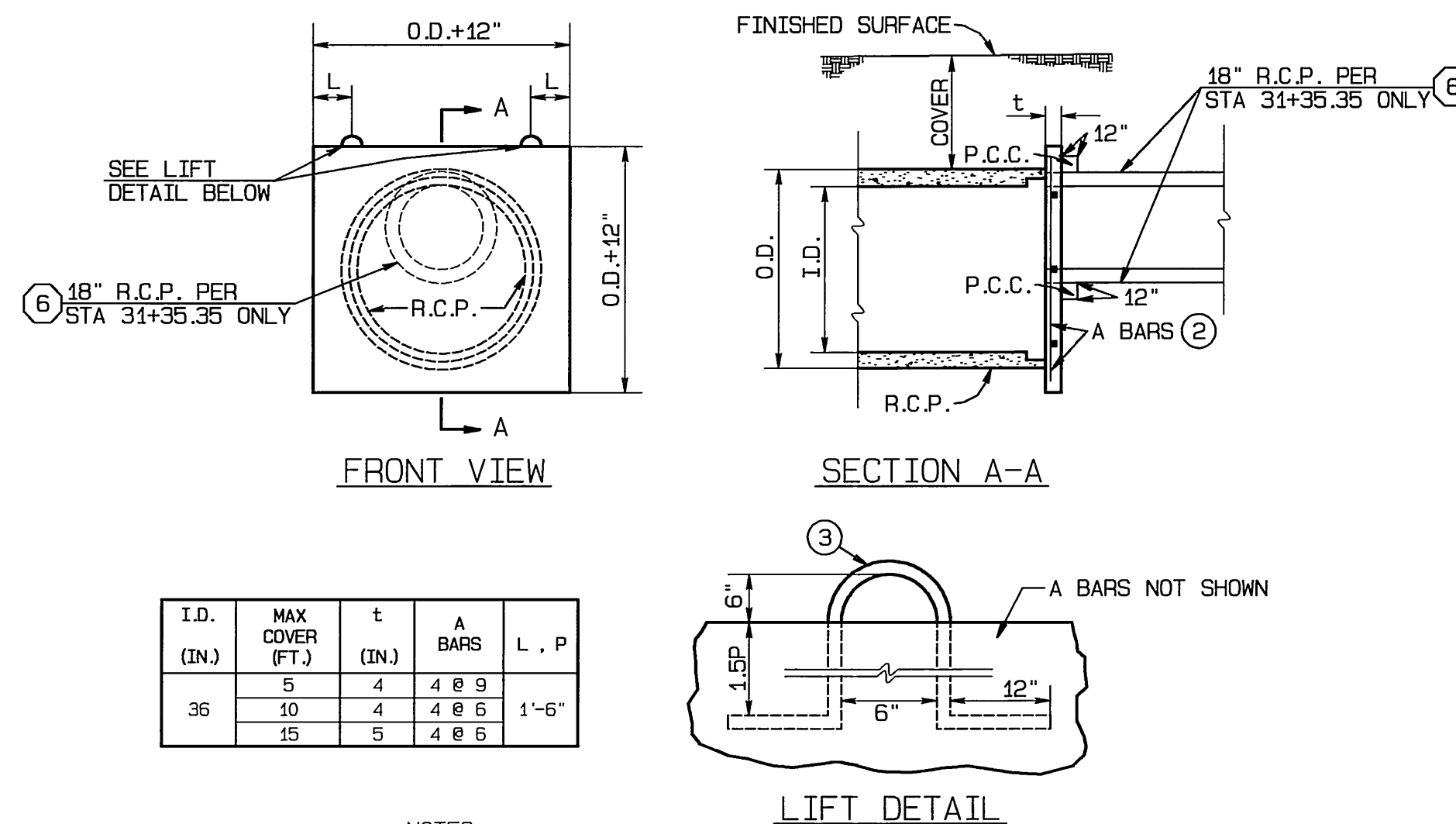


CURVE DATA

CURVE	DELTA	RADIUS	LENGTH
C1	33°33'56"	100.00'	58.58'
C2	34°41'35"	100.00'	60.55'
C3	90°00'00"	45.00'	70.69'

CONCRETE BULKHEAD

NOT TO SCALE



CONSTRUCTION NOTES

- CONSTRUCT 18" RCP (CLASS IV)
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BENCH MARK:

CITY OF RIVERSIDE BENCH MARK NO. F2-03 P.K.
NAIL AND TAG IN THE MOST SOUTHERLY CURB
RETURN AT PIERCE STREET AND GOLDEN AVENUE.
ELEVATION: 722.756



CALL: TOLL FREE
1-800
227-2600

CITY OF RIVERSIDE
WATER DEPARTMENT

APPROVED BY: *Richard J. D'Amico* 3/15/01
DATE



ALBERT A. WEBB ASSOCIATES
CIVIL ENGINEERS
3788 McCRAE STREET RIVERSIDE, CA 92506
(909) 686-1070

APPROVED BY: *Albert A. Webb* DATE: 2/16/01
R.C.E. NO. C39530

W.O. 99-311 FOR: GRIFFIN INDUSTRIES F.B. 1999

DESIGNED BY: C.R.T. CHECKED BY: *Chk* PLN CHK REF 1997

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT
APPROVED BY: *R. McBrat* BY DATE: 4-16-2001
PARK DEPARTMENT
TRAFFIC DIVISION
DEPUTY P.W. DIRECTOR
STREET SERVICES

*AS-BUILT PER PLANS 7-08-03 LTH

PRIVATE STORM DRAIN PLAN & PROFILE
TRACT NO. 29090-1
LINE "A", LAT. "A-1", AND
LAT "A-2"

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

ACCOUNT NO. 99-0311
DRAWING NUMBER
D-689
SHEET **2** OF **2**
99-0311

INDEXED 6-26-01 LTH