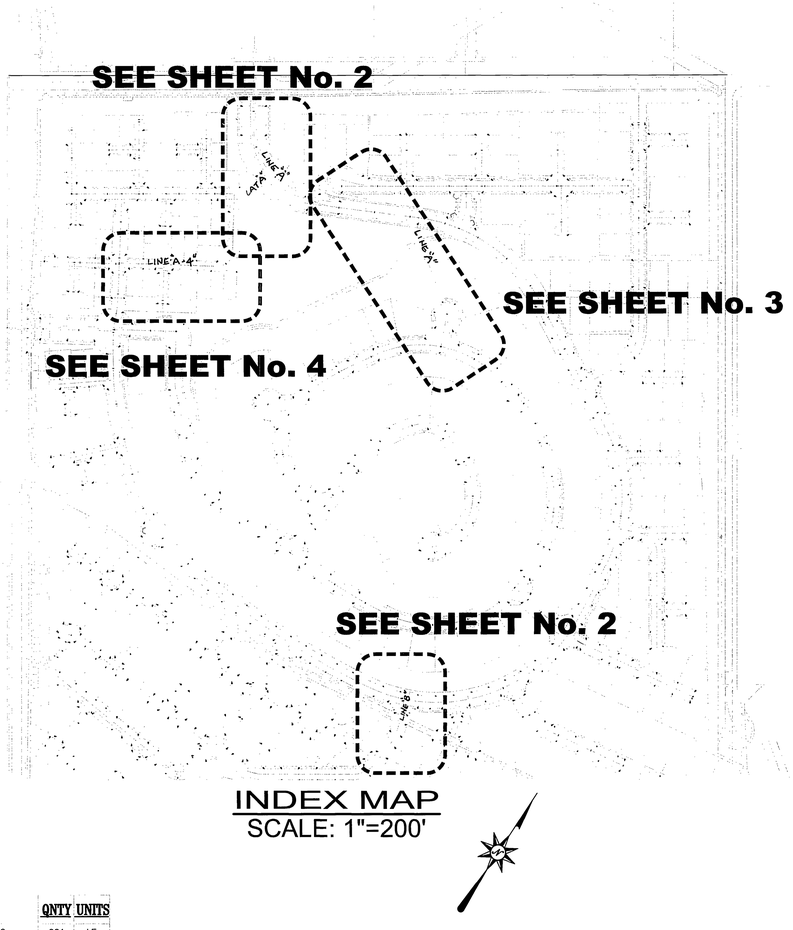
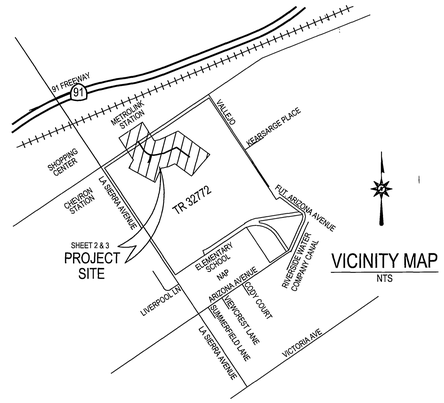
IN THE CITY OF RIVERSIDE, CALIFORNIA

# RIVERWALK VISTA VILLAGE
# TR 32772
# PRIVATE STORM DRAIN SYSTEM IMPROVEMENT PLANS




INDEX MAP
SCALE: 1"=200'




VICINITY MAP
NTS

## GENERAL NOTES

1. NO PERSON SHALL PERFORM ANY CONSTRUCTION ACTIVITY OR INSTALL ANY OBJECTS WITHIN THE PUBLIC'S RIGHT-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.

2. 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.

3. 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.

4. CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF RIVERSIDE DEPT. OF PUBLIC WORKS, STANDARD DRAWINGS, ITS SUPPLEMENTAL NOTES AND THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, CURRENT EDITION.

5. THE STORM DRAIN CONTRACTOR SHALL ADJUST MANHOLES TO FINAL GRADE AFTER PAVING IS COMPLETED.

6. 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.

7. ALL FLAGGED ELEVATIONS SHALL BE STAKED IN THE FIELD BY THE PRIVATE ENGINEER.

8. THE CONTRACTOR SHALL CALL IN A LOCATIONS REQUEST TO UNDERGROUND SERVICE ALERT (USA), PHONE NO. 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.

9. THE DEVELOPER SHALL BE RESPONSIBLE FOR PRESERVING OR REESTABLISHING AND REFERENCING SURVEY MONUMENTS DESTROYED, DISTURBED OR BURIED AS A RESULT OF CONSTRUCTION SHOWN HEREON.

10. NOTICE TO CONTRACTOR. THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THESE PLANS WERE OBTAINED BY A 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 PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN ON ANY OTHER LINES NOT OF RECORD OR NOT SHOWN ON THESE PLANS.

11. PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL POTHOLE ALL UTILITY CROSSING AND CONNECTIONS AND VERIFY THE LOCATION AND ELEVATION OF ALL UTILITIES AFFECTED. THE ENGINEER SHALL BE NOTIFIED OF ANY DISCREPANCIES BEFORE CONSTRUCTION BEGINS.

12. ON ALL AREAS WITHIN PUBLIC'S 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.

### STORM DRAIN CONSTRUCTION NOTES

| | | QNTY | UNITS |
|---|---|---|---|
| 1 | CONSTRUCT 36" RCP (D-1750) W/BEDDING CASE II PER C.O.R. STD. DWG. 452 | 221 | LF |
| 2 | CONSTRUCT 24" RCP (D-2000) W/BEDDING CASE II PER C.O.R. STD. DWG. 452 | 930 | LF |
| 3 | CONSTRUCT MANHOLE "AX" PER CITY OF RIVERSIDE STD. DWG NO. 430 | 6 | EA |
| 4 | CONSTRUCT CATCH BASIN PER CITY OF RIVERSIDE STD. DWG. NO. 405 (W=PER PLAN) | 3 | EA |
| 5 | CONSTRUCT CONCRETE COLLAR PER CITY OF RIVERSIDE STD. DWG. NO. 424 | 15 | EA |
| 6 | CONSTRUCT CSP INLET PER CITY OF RIVERSIDE STD. DWG. NO. 412 | 1 | EA |
| 7 | CONSTRUCT JUNCTION STRUCTURE PER CITY OF RIVERSIDE STD. DWG. NO. 422 | 2 | EA |
| 8 | CONSTRUCT JUNCTION STRUCTURE PER CITY OF RIVERSIDE STD. DWG. NO. 421 | 0 | EA |
| 9 | CONSTRUCT 18" RCP (D-2000) W/BEDDING CASE II PER C.O.R. STD. DWG. 452 | 550 | LF |
| 10 | CONSTRUCT MANHOLE "EZ" PER CITY OF RIVERSIDE STD. DWG NO. 431 | 3 | EA |

### DEVELOPER/APPLICANT
THE GRIFFIN HOMEBUILDING GROUP, LLC
4710 RIVERWALK PARKWAY
RIVERSIDE, CA 92505
PHONE: (951) 509-8622

### ENGINEER
PSOMAS
2010 IOWA AVENUE, SUITE 101
RIVERSIDE, CA 92507
PHONE: (951) 787-8421
FAX: (951) 682-3379

### SOURCE OF TOPOGRAPHY
INLAND AERIAL SURVEYS INC. DATE: 06/13/2003

### PROJECT AREA:
96.2 ACRES

### BASIS OF BEARING
BEARINGS ARE BASED ON THE CENTERLINE OF LA SIERRA AVE AS BEING N33°37'19"N, AS SHOWN ON RECORD OF SURVEY ON FILE IN BOOK 80 AT PAGES 72 THROUGH 77 THERE OF, RECORDS OF RIVERSIDE COUNTY, CALIFORNIA.

### LEGAL DESCRIPTION
BEING A SUBDIVISION OF LOTS 1 THROUGH 3, 8 THROUGH 29, A PORTION OF LOTS 4 THROUGH 7 AND LOTS A,C,D,E AND F OF VALLEY VIEW FARMS PER M.B.11/58, RECORDS OF RIVERSIDE COUNTY, CALIFORNIA, ALSO A PORTION OF LOTS 5,9 THROUGH 12, 15 AND 16 IN BLOCK 38 OF THE LANDS OF THE RIVERSIDE LAND AND IRRIGATION COMPANY PER M.B. 1/70 SAN BERNARDINO COUNTY, CALIFORNIA.

### ASSESSOR'S PARCEL No:
138-120-005, 138-130-004, 138-130-010, 138-120-007, 138-130-009, 138-170-008, 009, 010 & 011

### SITE ADDRESS:
LA SIERRA AVE. & INDIANA AVE.

### THOMAS BROTHERS
PAGE 714, GRID F2 & G2 (2004 EDITION)

### FLOOD PLAIN DESIGNATION
FLOOD INSURANCE RATE MAP (FIRM)
ZONES B & C

### SCHOOL DISTRICT
ALVORD UNIFIED SCHOOL DISTRICT

### UTILITIES
WATER: ..... CITY OF RIVERSIDE
SEWER: ..... CITY OF RIVERSIDE
GAS: ..... SOUTHERN CALIFORNIA GAS COMPANY
ELECTRIC: ..... CITY OF RIVERSIDE
TELEPHONE: ..... SBC

### BENCHMARK: E2-P2
CHISELED SQUARE ON THE TOP OF CURB AT THE WESTERLY END OF A CATCH BASIN FRONTING THE SOUTHERLY CURB OF INDIANA AVE AT THE SOUTHEAST CORNER OF INDIANA AVENUE AND FILLMORE STREET.
ELEV=738.410

PUBLIC UTILITIES DEPARTMENT
WATER DIVISION

APPROVED BY 3/1/07 DATE

WDID: 8 33C334294

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

PRIVATE ENGINEERING NOTE
CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND CONSTRUCTION CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF DESIGN PROFESSIONAL.

REGISTERED PROFESSIONAL ENGINEER
DAVID L. DRAKE
No. C 64193
Exp. 06-30-07
CIVIL
STATE OF CALIFORNIA

PREPARED UNDER THE DIRECTION OF:
REGISTERED CIVIL ENGINEER NO. C 64193
EXPIRATION DATE:06-30-07 DATE: 3-1-07

PLANS PREPARED BY:
**PSOMAS**
2010 Iowa Avenue Suite 101 Riverside, CA 92507
(951) 787-8421 Fax (951) 682-3379
CITY OF RIV. BUSINESS TAX ACCT. NO. 69372 EXP. DATE 04-07-07
SCALE: AS SHOWN
DATE: FEBRUARY 2006
BENCH MARK: E2-P2 CHISELED SQUARE ON THE TOP OF CURB AT THE WESTERLY END OF A CATCH BASIN FRONTING THE SOUTHERLY CURB OF INDIANA AVE AT THE SOUTHEAST CORNER OF INDIANA AVENUE AND FILLMORE STREET. ELEV=738.410

| MARK | REVISIONS | APPR. | DATE |
|---|---|---|---|

DESIGNED BY DD DRAWN BY MC CHECKED BY -

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

| APPROVED BY | BY | DATE |
|---|---|---|
| PRINCIPAL ENGR. | | 3/1/07 |

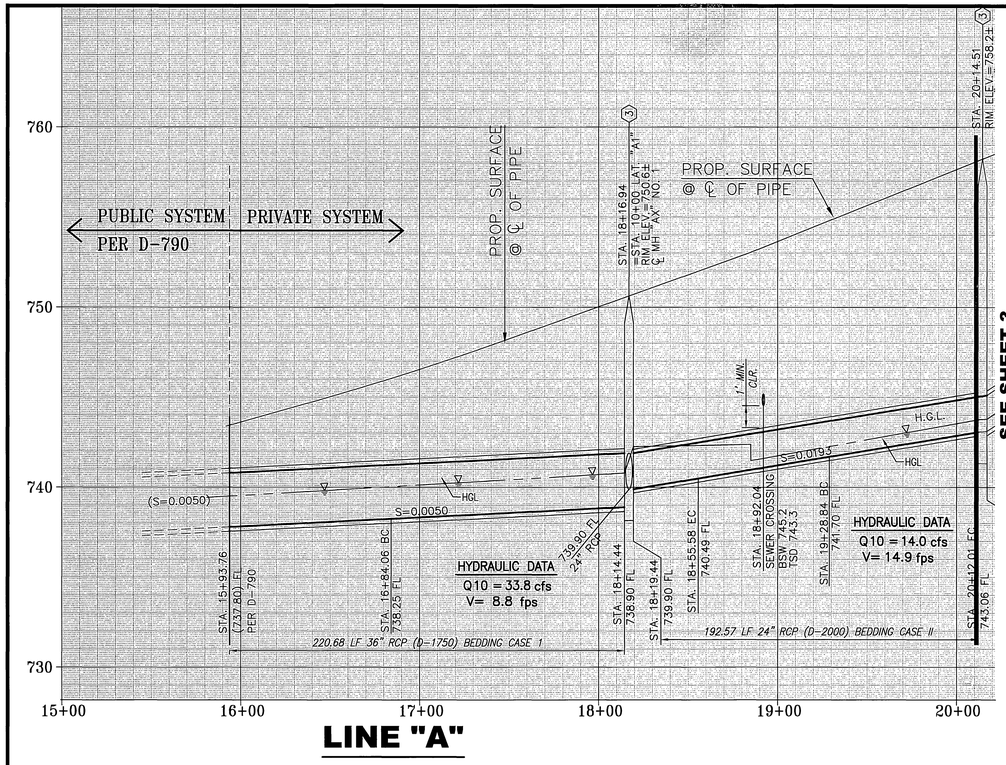
APPROVED BY:
CITY ENGINEER
DATE 3/13/07

RVZ

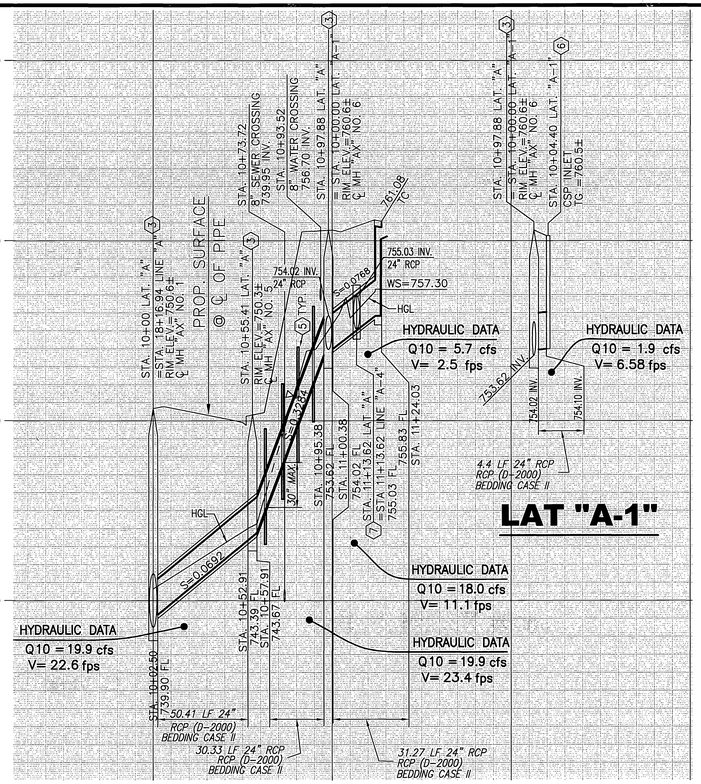
IN THE CITY OF RIVERSIDE, CALIFORNIA
**RIVERWALK VISTA VILLAGE**
**TR 32772-1**
**PRIVATE STORM DRAIN SYSTEM IMPROVEMENT PLANS**
FOR: GRIFFIN INDUSTRIES

PW06-0739
D-815
SHEET 1 OF 4
FILE NO.: 1104-007

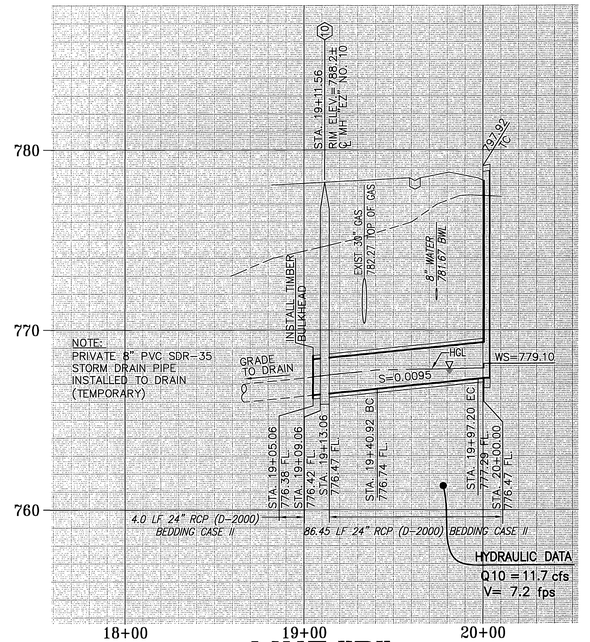
INDEXED 3-23-07 LH



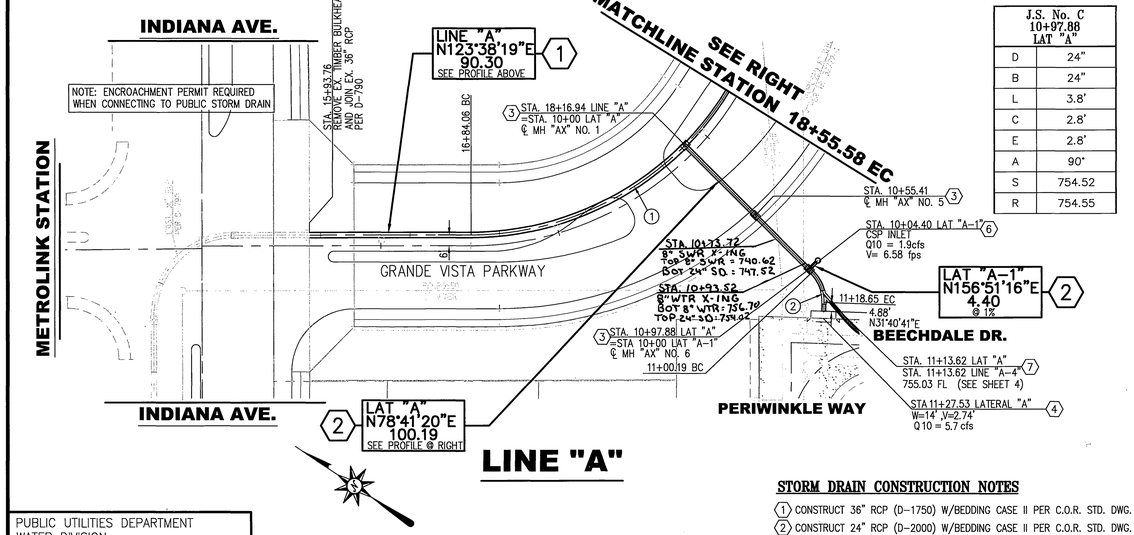

## LINE "A"



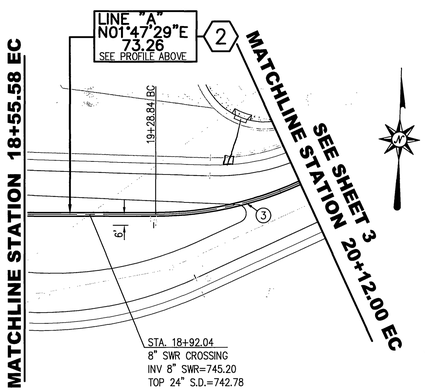

## LAT "A"



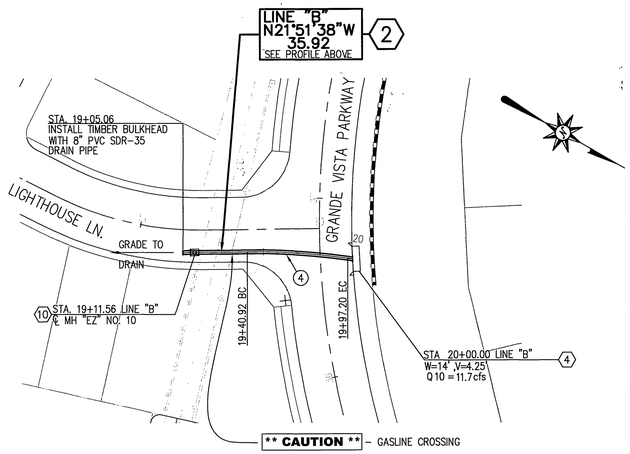

## LINE "B"




## LINE "A"




## LINE "A"




## LINE "B"

| J.S. No. C 10+97.88 LAT "A" | |
|---|---|
| D | 24" |
| B | 24" |
| L | 3.8' |
| C | 2.8' |
| E | 2.8' |
| A | 90° |
| S | 754.52 |
| R | 754.55 |

### STORM DRAIN CONSTRUCTION NOTES

1. CONSTRUCT 36" RCP (D-1750) W/BEDDING CASE II PER C.O.R. STD. DWG. 452
2. CONSTRUCT 24" RCP (D-2000) W/BEDDING CASE II PER C.O.R. STD. DWG. 452
3. CONSTRUCT MANHOLE "AX" PER CITY OF RIVERSIDE STD. DWG NO. 430
4. CONSTRUCT CATCH BASIN PER CITY OF RIVERSIDE STD. DWG. NO. 405 (W=PER PLAN)
5. CONSTRUCT CONCRETE COLLAR PER CITY OF RIVERSIDE STD. DWG. NO. 424
6. CONSTRUCT CSP INLET PER CITY OF RIVERSIDE STD. DWG. NO. 412
7. CONSTRUCT JUNCTION STRUCTURE PER CITY OF RIVERSIDE STD. DWG. NO. 422
10. CONSTRUCT MANHOLE "EZ" PER CITY OF RIVERSIDE STD. DWG NO. 431

### CURVE DATA

| No. | DELTA | RADIUS | LENGTH | TANGENT |
|---|---|---|---|---|
| 1 | 58°09'10" | 169.00' | 171.53' | 93.97' |
| 2 | 47°00'39" | 22.50' | 18.46" | 9.79' |
| 3 | 24°33'50" | 194.00' | 83.17' | 42.23' |
| 4 | 8°57'25" | 360.00' | 56.28' | 28.20' |

SCALE 1"= 40'

PUBLIC UTILITIES DEPARTMENT
WATER DIVISION

APPROVED BY 3/1/07 DATE

WDID: 8 33C334294

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

PRIVATE ENGINEERING NOTE

CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND CONSTRUCTION CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF DESIGN PROFESSIONAL.

REGISTERED PROFESSIONAL ENGINEER — DAVID L. DRAKE — No. C 64193 Exp. 06-30-07 — CIVIL — STATE OF CALIFORNIA

PREPARED UNDER THE DIRECTION OF:

REGISTERED CIVIL ENGINEER NO. C 64193
EXPIRATION DATE:06-30-07 DATE: 3-1-07

PLANS PREPARED BY:
**PSOMAS**
2010 Iowa Avenue Suite 101 Riverside, CA 92507
(951) 787-8421 Fax (951) 682-3379
CITY OF RIV. BUSINESS TAX ACCT. NO. 69372 EXP. DATE 04-07-07

SCALE: AS SHOWN
DATE: FEBRUARY 2006

BENCH MARK: E2-P2 CHISELED SQUARE ON THE TOP OF CURB AT THE WESTERLY END OF A CATCH BASIN FRONTING THE SOUTHERLY CURB OF INDIANA AVE AT THE SOUTHEAST CORNER OF INDIANA AVENUE AND FILLMORE STREET. ELEV=738.410

| MARK | REVISIONS | APPR. | DATE |
|---|---|---|---|

DESIGNED BY DD DRAWN BY MC CHECKED BY

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

| APPROVED BY | BY | DATE |
|---|---|---|
| PRINCIPAL ENGR. | | 3/9/07 |

APPROVED BY:
CITY ENGINEER
DATE 3/12/07

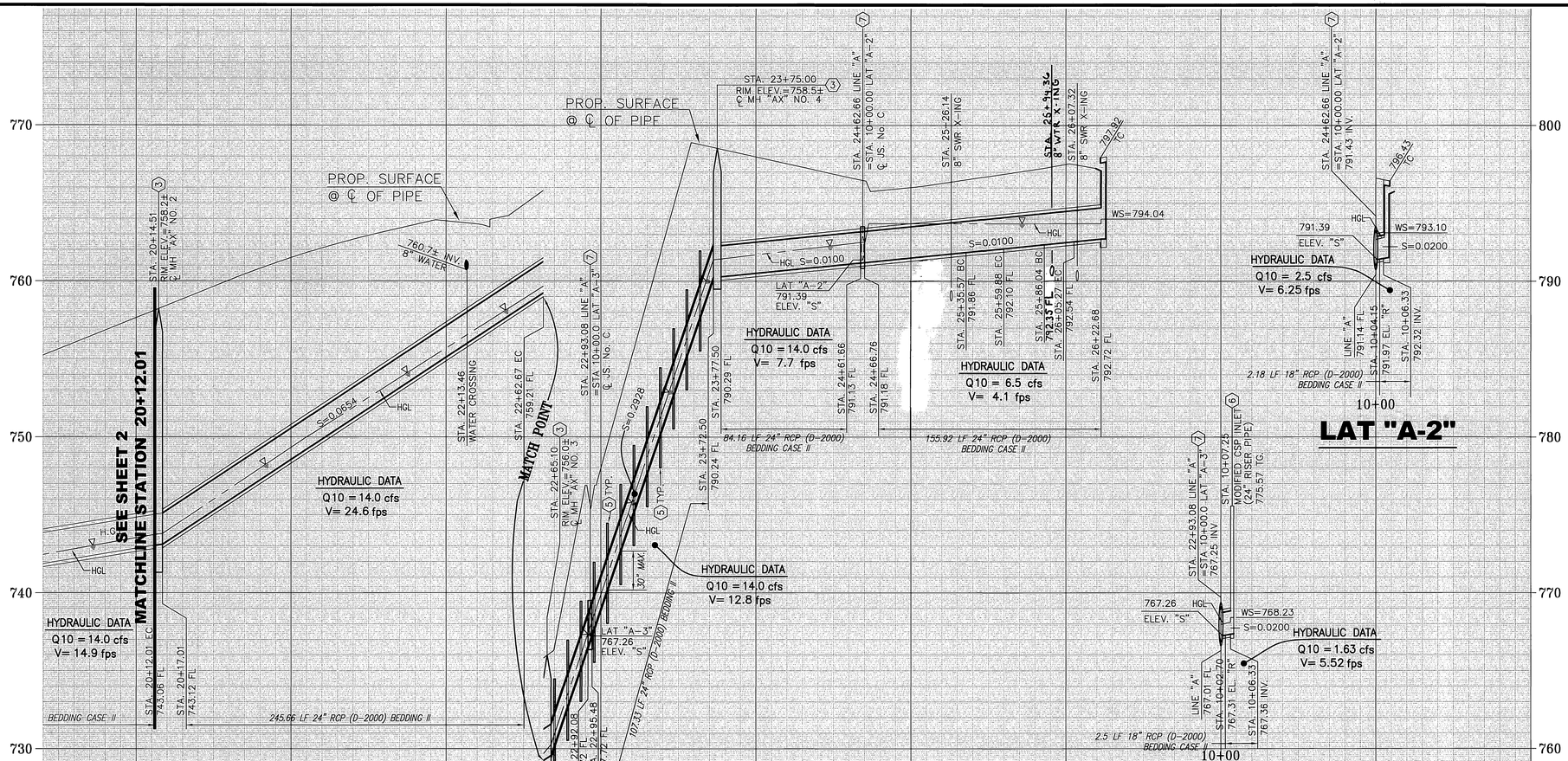
IN THE CITY OF RIVERSIDE, CALIFORNIA

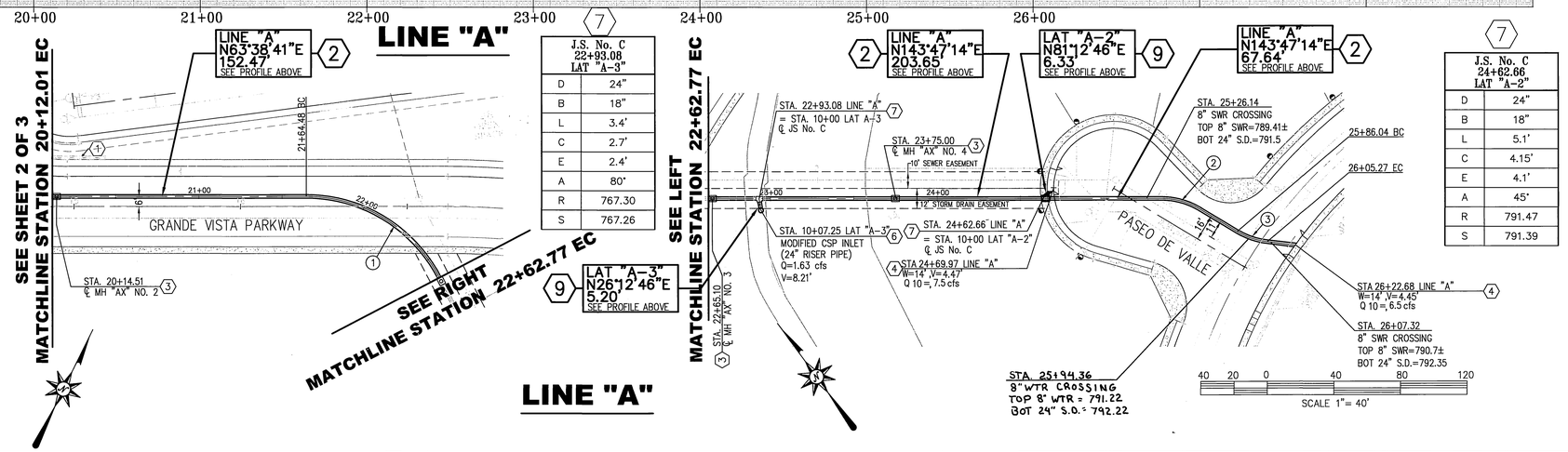
# RIVERWALK VISTA VILLAGE
## TR 32772-1
## PRIVATE STORM DRAIN SYSTEM IMPROVEMENT PLANS

FOR: GRIFFIN INDUSTRIES

PW06-0739
D-815
SHEET 2 OF 4
FILE NO.: 1104-007

INDEXED 3-23-07 LH




## STORM DRAIN CONSTRUCTION NOTES

1. CONSTRUCT 36" RCP (D-1750) W/BEDDING CASE II PER C.O.R. STD. DWG. 452
2. CONSTRUCT 24" RCP (D-2000) W/BEDDING CASE II PER C.O.R. STD. DWG. 452
3. CONSTRUCT MANHOLE "AX" PER CITY OF RIVERSIDE STD. DWG NO. 430
4. CONSTRUCT CATCH BASIN PER CITY OF RIVERSIDE STD. DWG. NO. 405 (W=PER PLAN)
5. CONSTRUCT CONCRETE COLLAR PER CITY OF RIVERSIDE STD. DWG. NO. 424
6. CONSTRUCT CSP INLET PER CITY OF RIVERSIDE STD. DWG. NO. 412
7. CONSTRUCT JUNCTION STRUCTURE PER CITY OF RIVERSIDE STD. DWG. NO. 422

## CURVE DATA

| No. | DELTA | RADIUS | LENGTH | TANGENT |
|---|---|---|---|---|
| 1 | 62°34'04" | 90.00' | 98.28' | 54.69' |
| 2 | 30°57'26" | 45.00' | 24.31' | 12.46' |
| 3 | 24°29'20" | 45.00' | 19.23' | 9.77' |

WDID: 8 33C334294

PUBLIC UTILITIES DEPARTMENT
WATER DIVISION

APPROVED BY 3/1/07 DATE

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

PRIVATE ENGINEERING NOTE

CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND CONSTRUCTION CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF DESIGN PROFESSIONAL.

REGISTERED PROFESSIONAL ENGINEER
DAVID L. DRAKE
No. C 64193
Exp. 06-30-07
CIVIL
STATE OF CALIFORNIA

PREPARED UNDER THE DIRECTION OF:

REGISTERED CIVIL ENGINEER NO. C 64193
EXPIRATION DATE:06-30-07 DATE: 3-1-07

PLANS PREPARED BY:

**PSOMAS**

2010 Iowa Avenue Suite 101 Riverside, CA 92507
(951) 787-8421 Fax (951) 682-3379
CITY OF RIV. BUSINESS TAX ACCT. NO. 69372 EXP. DATE 04-07-07

SCALE: AS SHOWN
DATE: FEBRUARY 2006

BENCH MARK: E2-P2 CHISELED SQUARE ON THE TOP OF CURB AT THE WESTERLY END OF A CATCH BASIN FRONTING THE SOUTHERLY CURB OF INDIANA AVE AT THE SOUTHEAST CORNER OF INDIANA AVENUE AND FILLMORE STREET. ELEV=738.410

| MARK | REVISIONS | APPR. | DATE |
|---|---|---|---|

DESIGNED BY DD DRAWN BY MC CHECKED BY

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

| APPROVED BY | BY | DATE |
|---|---|---|
| PRINCIPAL ENGR. | | 3/9/07 |

APPROVED BY:
CITY ENGINEER
DATE 3/12/07

IN THE CITY OF RIVERSIDE, CALIFORNIA

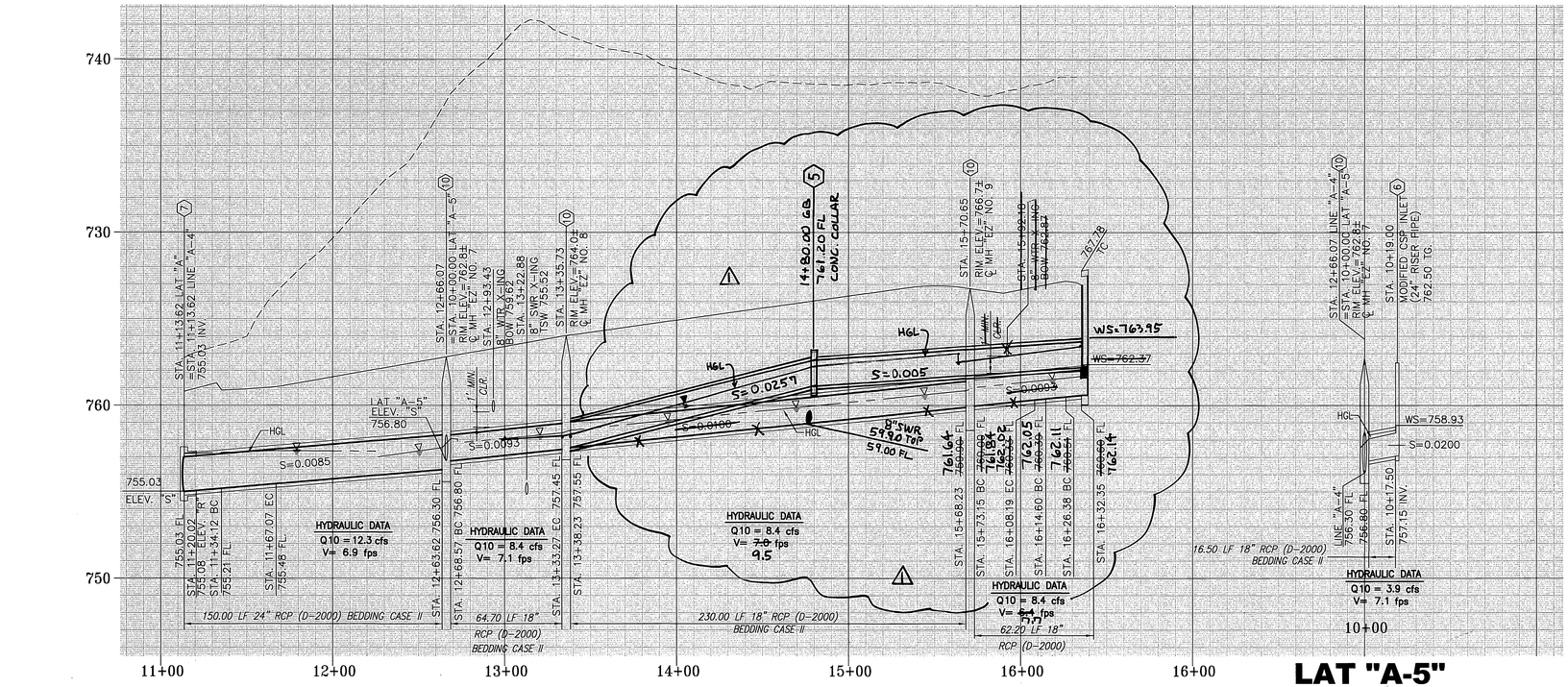
**RIVERWALK VISTA VILLAGE**
**TR 32772-1**
**PRIVATE STORM DRAIN SYSTEM IMPROVEMENT PLANS**

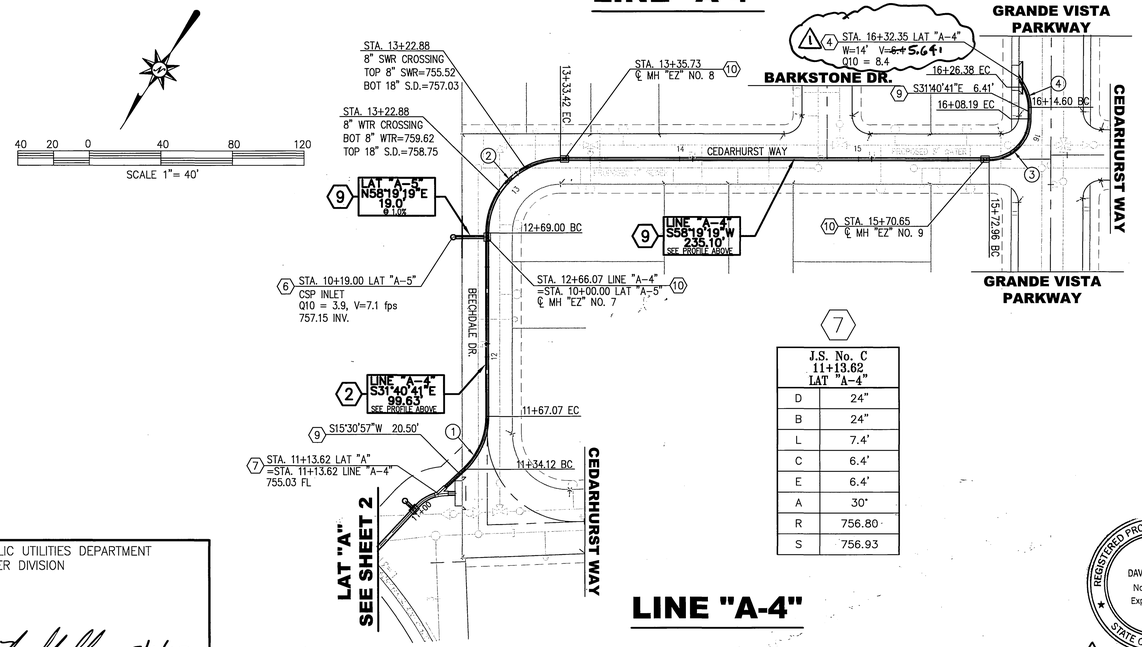
FOR: GRIFFIN INDUSTRIES

PW06-0739
D-815
SHEET 3 OF 4
FILE NO.: 1104-007

BVZ

INDEXED 3-23-07 LH




7

| J.S. No. C 11+13.62 LAT "A-4" | |
|---|---|
| D | 24" |
| B | 24" |
| L | 7.4' |
| C | 6.4' |
| E | 6.4' |
| A | 30° |
| R | 756.80 |
| S | 756.93 |

## CURVE DATA

| No. | DELTA | RADIUS | LENGTH | TANGENT |
|---|---|---|---|---|
| 1 | 47°11'38" | 40.00' | 32.95' | 17.47' |
| 2 | 90°00'00" | 41.00' | 64.40' | 41.00' |
| 3 | 89°42'45" | 22.50' | 35.23' | 22.39' |
| 4 | 30°00'00" | 22.50' | 11.78' | 6.03' |

## STORM DRAIN CONSTRUCTION NOTES

(2) CONSTRUCT 24" RCP (D-2000) W/BEDDING CASE II PER C.O.R. STD. DWG. 452
(4) CONSTRUCT CATCH BASIN PER CITY OF RIVERSIDE STD. DWG. NO. 405 (W=PER PLAN)
(6) CONSTRUCT CSP INLET PER CITY OF RIVERSIDE STD. DWG. NO. 412
(7) CONSTRUCT JUNCTION STRUCTURE PER CITY OF RIVERSIDE STD. DWG. NO. 422
(9) CONSTRUCT 18" RCP (D-2000) W/BEDDING CASE II PER C.O.R. STD. DWG. 452
(10) CONSTRUCT MANHOLE "EZ" PER CITY OF RIVERSIDE STD. DWG NO. 431
(1)(5) CONSTRUCT CONCRETE COLLAR PER CITY STD. DWG. NO. 424

REGISTERED PROFESSIONAL ENGINEER
DAVID L. DRAKE
No. C 64193
Exp. 06-30-07
CIVIL
STATE OF CALIFORNIA
5/4/07

PUBLIC UTILITIES DEPARTMENT
WATER DIVISION
APPROVED BY 5/1/07 DATE

WDID: 8 33C334294

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

PRIVATE ENGINEERING NOTE
CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND CONSTRUCTION CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF DESIGN PROFESSIONAL.

REGISTERED PROFESSIONAL ENGINEER
DAVID L. DRAKE
No. C 64193
Exp. 06-30-07
CIVIL
STATE OF CALIFORNIA

PREPARED UNDER THE DIRECTION OF:
REGISTERED CIVIL ENGINEER NO. C 64193
EXPIRATION DATE: 06-30-07 DATE: 3-1-07

PLANS PREPARED BY:
**PSOMAS**
2010 Iowa Avenue Suite 101 Riverside, CA 92507
(951) 787-8421 Fax (951) 682-3379
CITY OF RIV. BUSINESS TAX ACCT. NO. 69372 EXP. DATE 04-07-07
SCALE: AS SHOWN
DATE: FEBRUARY 2006
BENCH MARK: E2-P2 CHISELED SQUARE ON THE TOP OF CURB AT THE WESTERLY END OF A CATCH BASIN FRONTING THE SOUTHERLY CURB OF INDIANA AVE AT THE SOUTHEAST CORNER OF INDIANA AVENUE AND FILLMORE STREET. ELEV=738.410

| MARK | REVISIONS | APPR. | DATE |
|---|---|---|---|
| 1 | REVISE LINE A-4 | RJR | 5/3/07 |

DESIGNED BY DD DRAWN BY MC CHECKED BY

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

| APPROVED BY | BY | DATE |
|---|---|---|
| PRINCIPAL ENGR. | | |

APPROVED BY:
CITY ENGINEER
DATE 5/8/07

RJR

IN THE CITY OF RIVERSIDE, CALIFORNIA
# RIVERWALK VISTA VILLAGE
## TR 32772-1
## PRIVATE STORM DRAIN SYSTEM IMPROVEMENT PLANS
FOR: GRIFFIN INDUSTRIES

PW06-0739
D-815
SHEET 4 OF 4
FILE NO.: 1104-007

INDEXED 3-23-07 GH