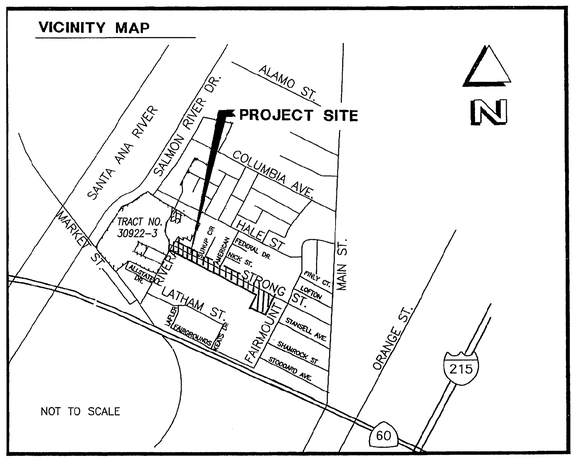
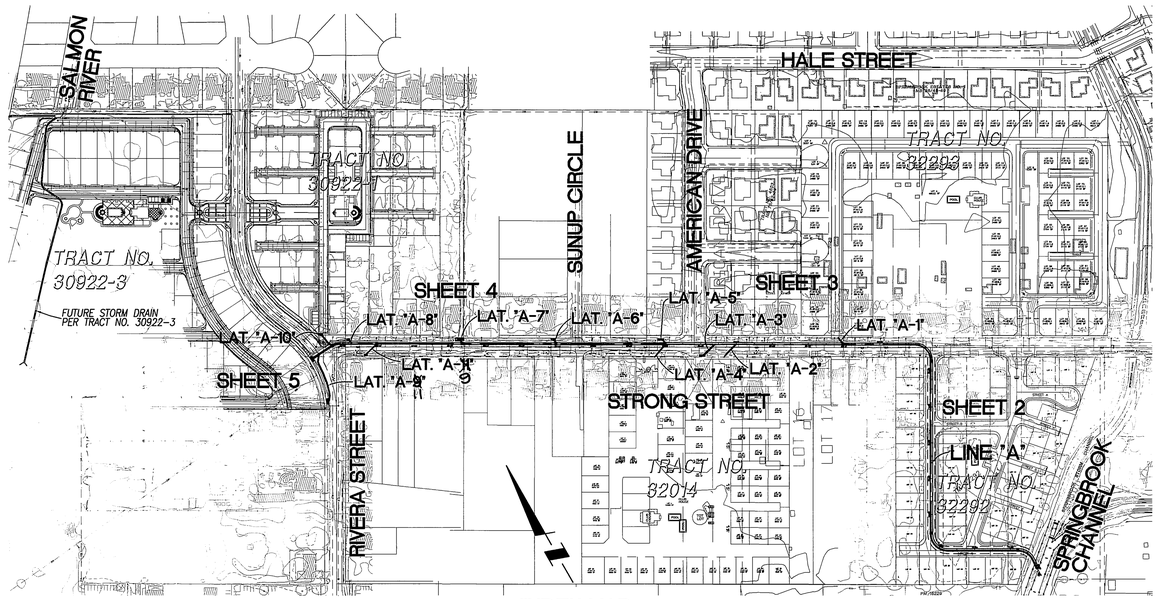
STORM DRAIN IMPROVEMENT PLAN
STRONG STREET STORM DRAIN LINE "A"





INDEX MAP
SCALE: 1"=200'

STORM DRAIN CONSTRUCTION NOTES

		QUANTITY	
1	CONSTRUCT 8" TYPE I CURB & GUTTER PER C.O.R. STD. DWG. 200	36	L.F.
2	CONSTRUCT 24" RCP (D-LOAD PER PLAN) PER CITY STANDARDS AND PIPE BEDDING PER C.O.R. STD. DWG. 452	335	L.F.
3	CONSTRUCT 36" RCP (D-LOAD PER PLAN) PER CITY STANDARDS AND PIPE BEDDING PER C.O.R. STD. DWG. 452	69	L.F.
4	CONSTRUCT 54" RCP (D-LOAD PER PLAN) PER CITY STANDARDS AND PIPE BEDDING PER C.O.R. STD. DWG. 452	234	L.F.
5	CONSTRUCT 66" RCP (D-LOAD PER PLAN) PER CITY STANDARDS AND PIPE BEDDING PER C.O.R. STD. DWG. 452	1063	L.F.
6	CONSTRUCT 78" RCP (D-LOAD PER PLAN) PER CITY STANDARDS AND PIPE BEDDING PER C.O.R. STD. DWG. 452	821	L.F.
7	CONSTRUCT MANHOLE PER C.O.R. STD. DWG. 430 (MANHOLE AX)	10	EA.
8	CONSTRUCT JUNCTION STRUCTURE B (MAIN TO LATERAL) PER C.O.R. STD. DWG. 421	3	EA.
9	CONSTRUCT PIPE TO CHANNEL JUNCTION STRUCTURE PER R.C.F.C. & W.C.D. STD. DWG. JS 231	1	EA.
10	CONSTRUCT 60" RCP (D-LOAD PER PLAN) PER CITY STANDARDS AND PIPE BEDDING PER C.O.R. STD. DWG. 452	257	L.F.
11	CONSTRUCT TIMBER BULKHEADS C.O.R. STD. DWG. 456	3	EA.
12	CONSTRUCT CATCH BASIN PER C.O.R. STD. DWG. 405.	9	EA.
13	CONSTRUCT 18" RCP (D-LOAD PER PLAN) PER CITY STANDARDS AND PIPE BEDDING PER C.O.R. STD. DWG. 452	49	L.F.
14	REMOVE EXISTING CURB, GUTTER, SIDEWALK AND AC OR PCC PAVEMENT TO LIMITS ON PLAN.	1	L.S.
15	CONSTRUCT SIDEWALK PER C.O.R. STD. DWG. 325		
16	NOT USED		
17	RECONSTRUCT EXISTING SEWER LATERAL PER C.O.R. STD. DWG. 554	13	EA.
18	RELOCATED EXISTING WATER SERVICE TO CLEAR PROP. MANHOLE PER CWD-600 BY CITY FORCES	1	EA.
19	RELOCATE 12" WATER LINE - BY CITY FORCES		

KEY NOTES

A — PROTECT IN PLACE

BENCHMARK

CITY OF RIVERSIDE BENCHMARK GPS-51: 2-½" BRASS DISK STAMPED "CITY OF RIVERSIDE CPS STATION 51 1981 CADMC" SET IN THE TOP OF A CATCH BASIN ALONG THE NORTHERLY CURB OF COLUMBIA AVENUE, 4 FEET EAST OF THE BCR OF THE NORTHEAST OF MAIN STREET AT COLUMBIA AVE.

ELEV.: 813.66

WATER NOTE:

PRIOR TO CONSTRUCTION DEVELOPER / CONTRACTOR TO CONTACT CITY WATER DIVISION AND ARRANGE FOR PAYMENT OF FEES FOR RELOCATION OF EXISTING WATER FACILITIES PER CONSTRUCTION NOTES (18) & (19). EXISTING 12" WATER TO BE POT-HOLED TO VERIFY EXACT LOCATION WITH RESULTS SUBMITTED TO WATER DIVISION (951) 826-5438.

GENERAL NOTES

1. NO PERSON SHALL PERFORM ANY CONSTRUCTION ACTIVITY OR INSTALL ANY OBJECTS WITHIN THE PUBLIC 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. 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.
3. CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF RIVERSIDE DEPARTMENT OF PUBLIC WORKS STANDARD DRAWINGS AND ITS SUPPLEMENTAL NOTES AND THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, CURRENT EDITION.
4. 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.
5. THE DEVELOPER SHALL BE RESPONSIBLE FOR PRESERVING OR REESTABLISHING AND REFERENCING SURVEY MONUMENTS DESTROYED, DISTURBED OR BURIED AS A RESULT OF CONSTRUCTION HEREON.
6. ALL FLAGGED ELEVATIONS SHALL BE STAKED IN THE FIELD BY THE PRIVATE ENGINEER.
7. 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.
8. 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.
9. FINAL STRIPING FOR TRAFFIC CONTROL AND/OR PAVEMENT MARKING TO BE THE RESPONSIBILITY OF THE DEVELOPER.
10. 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.
11. IN PAVEMENT OVERLAY AREAS, DISTRESSED EXISTING PAVEMENT SHALL BE REMOVED AND REPLACED AS DIRECTED BY THE INSPECTOR PRIOR TO OVERLAYING WITH A.C. PAVEMENT.
12. DEVELOPER/CONTRACTOR TO GIVE CITY WATER DIVISION FIVE (5) WORKING DAYS WRITTEN NOTICE PRIOR TO START OF CONSTRUCTION AND TO ALLOW CITY TEN (10) 15 WORKING DAYS FOR COMPLETION OF WORK. (909) 351-6150. SEE WATER NOTE BELOW
13. ALL TRAFFIC SIGNS SHALL BE INSTALLED PRIOR TO OPENING THE STREETS TO TRAFFIC.
14. THE DEVELOPER SHALL ARRANGE FOR A SOIL TEST TO BE MADE BY A SOILS ENGINEER PRIOR TO CONSTRUCTION OF THE CURB AND GUTTER.
15. QUANTITIES SHOWN ARE FOR INFORMATION ONLY AND THE CITY OF RIVERSIDE IS NOT RESPONSIBLE FOR THEIR ACCURACY.
16. ALL OVERHANGING TREE LIMBS THAT ARE LESS THAN 14' FEET ABOVE THE STREET GRADE SHALL BE TRIMMED BACK.
17. DEVELOPER AND/OR CONTRACTOR TO GIVE RCFC 5-DAYS WRITTEN NOTICE PRIOR TO STARTING WORK ON STORM DRAIN (OR DOING ANY WORK WITHIN RCFC EASEMENTS). RCFC ENCROACHMENT PERMIT NO. 1-0-0120-2792
18. CONSTRUCTION MATERIALS TESTING AND INSPECTION INCLUDING, BUT NOT LIMITED TO SOURCE INSPECTION OF PIPE MANUFACTURE SHALL COMPLY WITH R.C.F.C. & WCD STANDARDS AND SPECIFICATIONS AND SHALL MEET OR EXCEED THE REQUIREMENTS OF RIVERSIDE COUNTY ("GREEN BOOK") AND, THE AMERICAN SOCIETY FOR TESTING AND MATERIALS (A.S.T.M.) STANDARDS. FAILURE TO MEET ANY OF THE ABOVE REQUIREMENTS WILL BE CAUSE FOR REJECTION.

NOTICE TO CONTRACTOR:

THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THESE PLANS ARE OBTAINED BY A SEARCH OF THE AVAILABLE RECORDS. TO THE BEST OF OUR KNOWLEDGE, THERE ARE NO EXISTING UTILITIES EXCEPT THOSE SHOWN ON THESE PLANS.

THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN AND ANY OTHER LINES NOT OF RECORD OR NOT SHOWN ON THESE PLANS.

CALL UNDERGROUND SERVICE ALERT (USA) 1-800-227-2600 AT LEAST 48 HOURS 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.

UTILITY VERIFICATION

CONTRACTOR SHALL VERIFY LOCATION (VERTICAL AND HORIZONTAL) OF ALL POINTS OF CONNECTION TO EXISTING FACILITIES. IF LOCATIONS DIFFER THAN THOSE SHOWN ON THESE CONSTRUCTION DRAWINGS, CONTRACTOR SHALL NOTIFY THE SIGNATORY ENGINEER IN WRITING IN ORDER TO DETERMINE CORRECTIVE ACTION TO BE TAKEN.

Underground Service Alert
Call: TOLL FREE 1-800-227-2600
DIAL BEFORE YOU DIG
TWO WORKING DAYS BEFORE YOU DIG
A PUBLIC SERVICE BY UNDERGROUND SERVICE ALERT

CITY OF RIVERSIDE WATER DEPT.
APPROVED BY: [signature] 1/28/05

REGISTERED PROFESSIONAL ENGINEER — SCOTT M. WILSON — No. 49884 — Exp. 09/30/06 — CIVIL — STATE OF CALIFORNIA

WILSON MIKAMI CORPORATION
3 PETERS CANYON, SUITE 110
IRVINE, CA 92606
T: 949-679-0090
CITY OF RIVERSIDE BUSINESS TAX CERTIFICATE # 116925, EXPIRES 07/22/05

PREPARED UNDER THE SUPERVISION OF:
[signature]
SCOTT M. WILSON
REGISTERED CIVIL ENGINEER NO. 49884
REGISTRATION EXPIRES: 09/30/06
Date: 1/4/05

MARK	REVISIONS	APR.	DATE:
4	REVISED Lateral A-11 For Subdivision	RJZ	4-27-05

DESIGNED BY: _____ CHECKED BY: _____

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

	BY:	DATE:
APPROVED BY: PRINCIPAL ENG.	PH	2/8/05
~~TRAFFIC DIVISION~~		
~~SEWER SERVICES~~		
STREET SERVICES	KEJ	1/5/05

APPROVED BY: [signature] CITY ENGINEER
DATE 2/10/05

STRONG STREET STORM DRAIN PLANS

TITLE SHEET

RIVERA STREET TO SPRINGBROOK CHANNEL

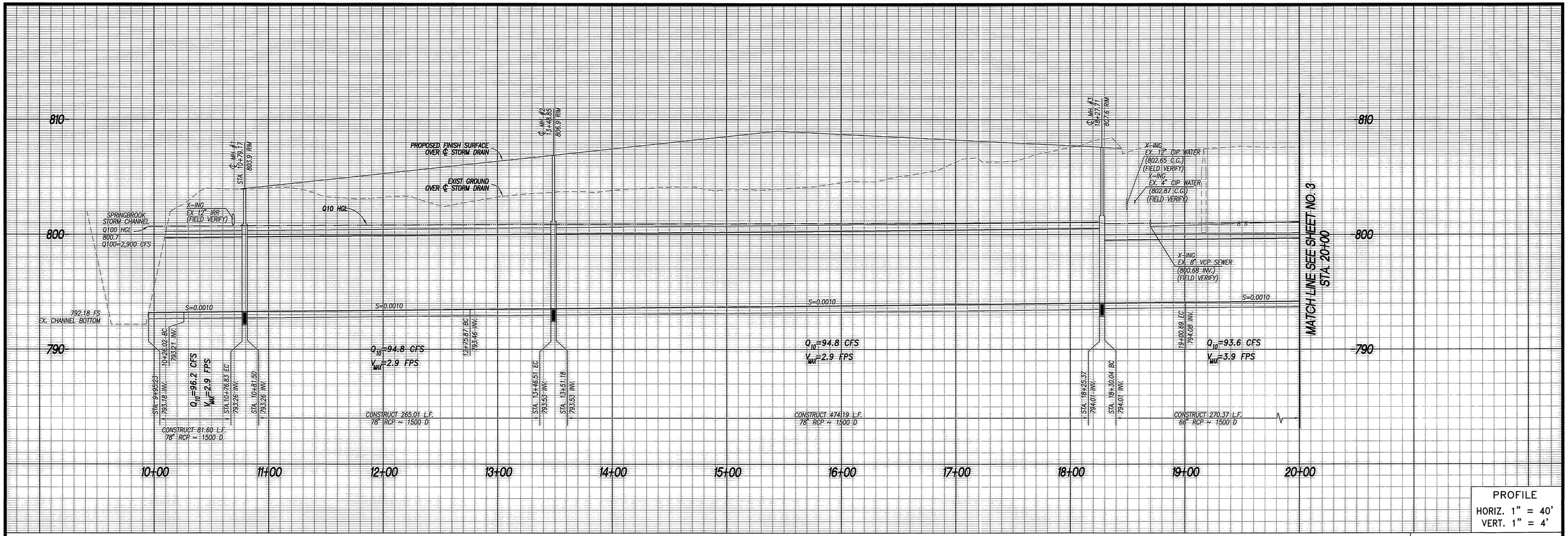
SCALE: AS SHOWN

DRAWING NUMBER
D-767
SHEET 1 OF 6
PW04-0629

S:\10012.00\dwg\PRS10001.dwg 1/4/2005 9:00:32 AM PST

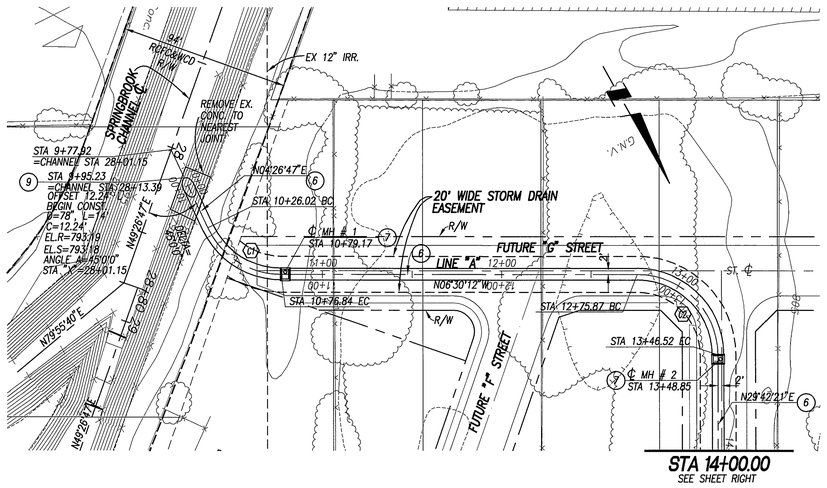
RJZ

INDEXED 3-29-05 GH

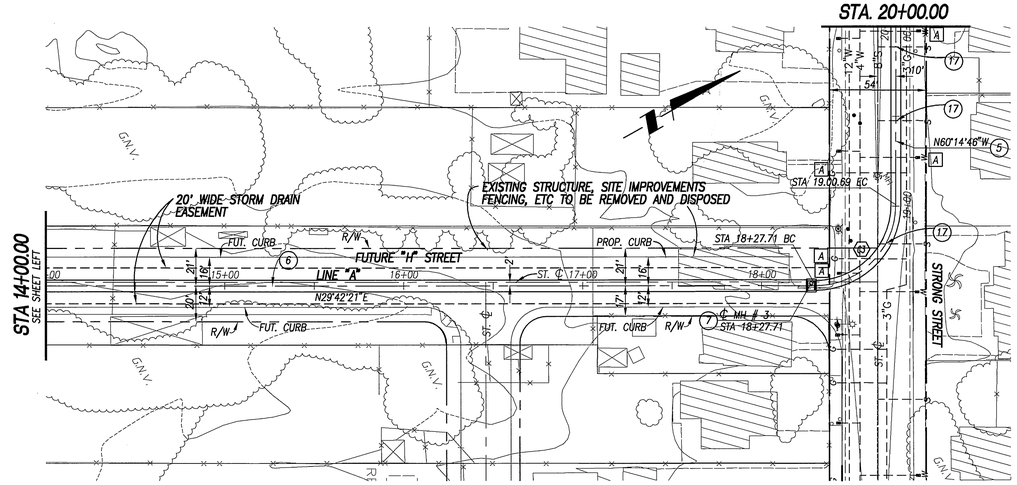


PROFILE
HORIZ. 1" = 40'
VERT. 1" = 4'

NOTE: ENCROACHMENT PERMIT FROM RIVERSIDE COUNTY FLOOD CONTROL (RFCF&WCD) REQUIRED FOR ALL WORK WITHIN RFCF&WCD R/W



MATCH LINE SEE SHEET NO. 3 STA. 20+00.00



LINE "A"

1. CONTRACTOR SHALL POTHOLE AND VERIFY THE EXISTING ELEVATION OF UTILITIES NOTED BY "FIELD VERIFY" PRIOR TO CONSTRUCTION. CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DESCREPANCY PRIOR TO CONSTRUCTION.
2. CONTRACTOR SHALL REFER TO PLAN VIEW FOR APPROXIMATE LOCATION OF UTILITY LATERALS
3. CONTRACTOR SHALL PROTECT EXISTING UTILITIES IN PLACE EXCEPT WERE SPECIFIED TO BE REMOVED OR RELOCATED PER PLAN.

CONSTRUCTION NOTES

(5) — CONSTRUCT 66" RCP (D- LOAD PER PLAN) PER CITY STANDARDS AND PIPE BEDDING PER C.O.R. STD. DWG. 452
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(9) — CONSTRUCT PIPE TO CHANNEL PER R.C.F.C. & W.C.D. STD. DWG. JS 231
(17) — RECONSTRUCT EXISTING SEWER LATERAL PER C.O.R. STD. DWG. 554

KEY NOTES

[A] — PROTECT IN PLACE

CURVE TABLE				
CURVE	LENGTH	RADIUS	DELTA	TANGENT
C1	50.81'	45.00'	64°41'34"	28.50'
C2	70.65'	45.00'	89°57'07"	44.96'
C3	70.65'	45.00'	89°57'07"	44.96'

GRAPHIC SCALE
40 0 20 40 80 160
(IN FEET)
1 inch = 40 ft.

Underground Service Alert
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DIAL BEFORE YOU DIG
TWO WORKING DAYS BEFORE YOU DIG
A PUBLIC SERVICE BY UNDERGROUND SERVICE ALERT

CITY OF RIVERSIDE WATER DEPT.
APPROVED BY [signature] 11/20/05

REGISTERED PROFESSIONAL ENGINEER SCOTT M. WILSON No. 49884 Exp. 09/30/06 CIVIL STATE OF CALIFORNIA

WILSON MIKAMI CORPORATION
3 PETERS CANYON, SUITE 110
IRVINE, CA 92606
T: 949-679-0090
CITY OF RIVERSIDE BUSINESS TAX CERTIFICATE # 116925, EXPIRES 07/22/05
PREPARED UNDER THE SUPERVISION OF:
[signature]
SCOTT M. WILSON
REGISTERED CIVIL ENGINEER NO. 49884
REGISTRATION EXPIRES: 09/30/06
Date: 11/4/05

MARK	REVISIONS	APR.	DATE:

DESIGNED BY: _____ CHECKED BY: _____

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY:	BY:	DATE:
PRINCIPAL ENG.	PH	2/8/05
~~TRAFFIC DIVISION~~		
~~SEWER SERVICES~~		
STREET SERVICES	PEJ	1/5/05

APPROVED BY: [signature] CITY ENGINEER
DATE 2/10/05

STRONG STREET STORM DRAIN PLANS
STORM DRAIN LINE 'A'
STA. 10+00 TO STA. 20+00
RIVERA STREET TO SPRINGBROOK CHANNEL
SCALE: AS SHOWN

DRAWING NUMBER D-767
SHEET 2 OF 6
PW04-0629

RV2

Indexed 3-29-05 GH

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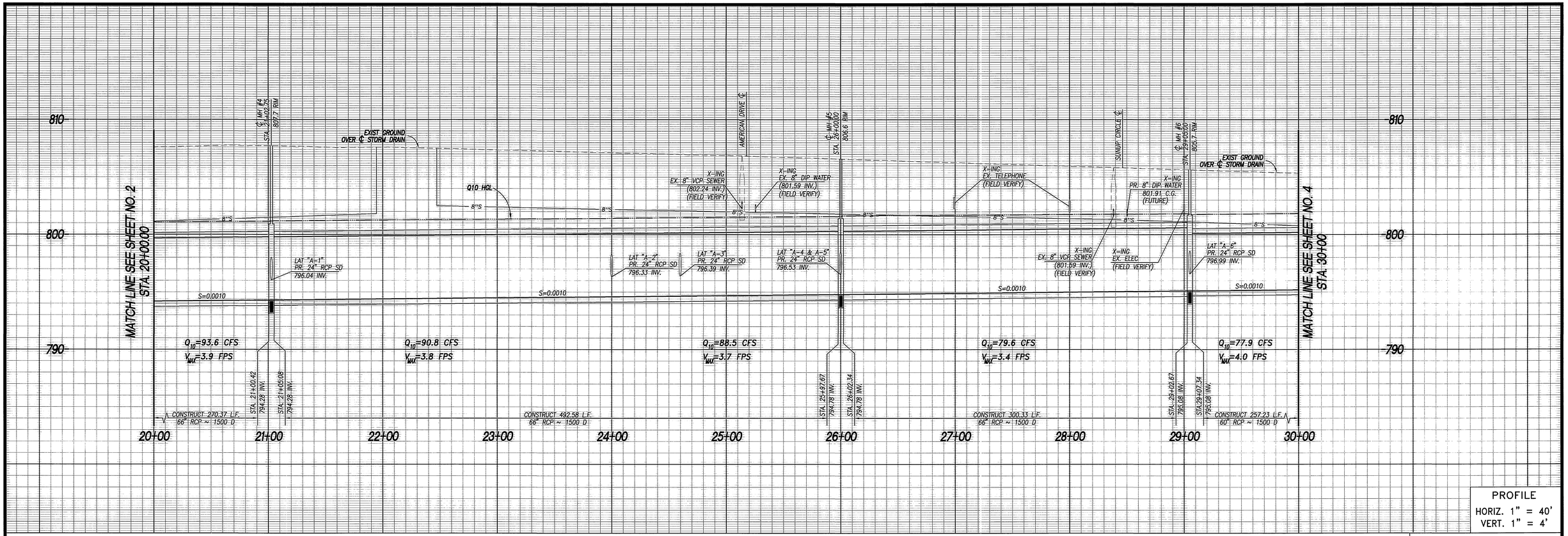
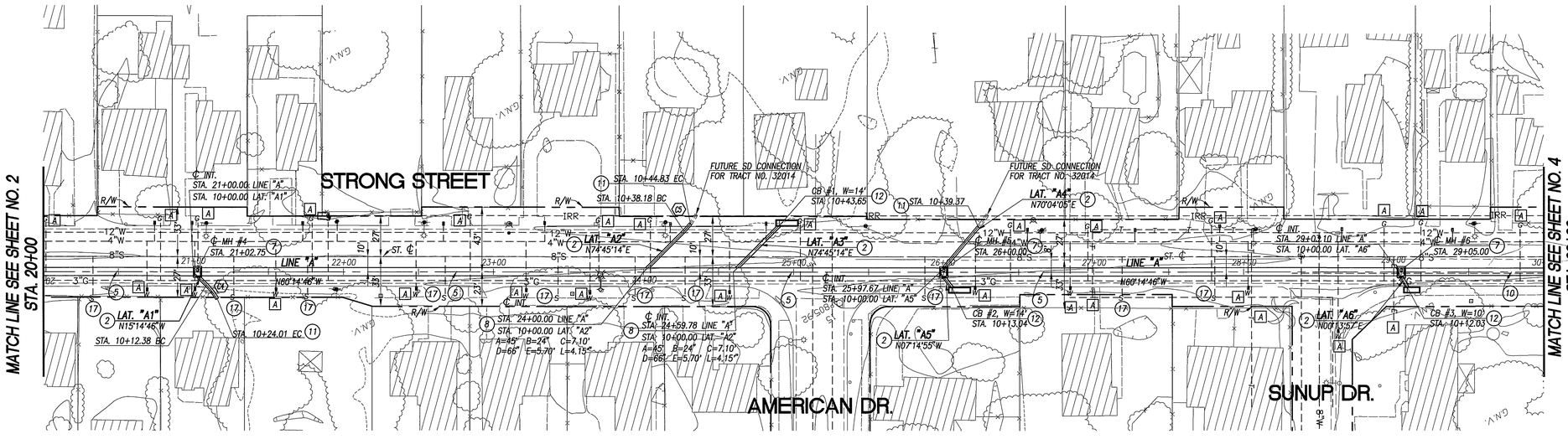


PROFILE
HORIZ. 1" = 40'
VERT. 1" = 4'



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(8) CONSTRUCT JUNCTION STRUCTURE B (MAIN TO LATERAL) PER C.O.R. STD. DWG. 421
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(17) RECONSTRUCT EXISTING SEWER LATERAL PER C.O.R. STD. DWG. 554

KEY NOTES

(A) PROTECT IN PLACE

CURVE TABLE				
CURVE	LENGTH	RADIUS	DELTA	TANGENT
⟨24⟩	11.63'	45.00'	14°48'29"	5.85'
⟨25⟩	6.65''	45.00'	08°28'04"	3.33'

GRAPHIC SCALE
40 0 20 40 80 160
(IN FEET)
1 inch = 40 ft.

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CITY OF RIVERSIDE WATER DEPT.
APPROVED BY MM 11/16/05

REGISTERED PROFESSIONAL ENGINEER SCOTT M. WILSON No. 49884 Exp. 09/30/06 CIVIL STATE OF CALIFORNIA

WILSON MIKAMI CORPORATION
3 PETERS CANYON, SUITE 110
IRVINE, CA 92606
T: 949-679-0090
CITY OF RIVERSIDE BUSINESS TAX CERTIFICATE # 116925, EXPIRES 07/22/05

PREPARED UNDER THE SUPERVISION OF:
SCOTT M. WILSON
REGISTERED CIVIL ENGINEER NO. 49884
REGISTRATION EXPIRES: 09/30/06
Date: 11/4/05

MARK	REVISIONS	APR.	DATE:

DESIGNED BY: _____ CHECKED BY: _____

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY:	BY:	DATE:
PRINCIPAL ENG.	PH	2/8/05
~~TRAFFIC DIVISION~~		
~~SEWER SERVICES~~		
STREET SERVICES	KGJ	1/5/05

APPROVED BY: _____ CITY ENGINEER
DATE 2/10/05

STRONG STREET STORM DRAIN PLANS
STORM DRAIN LINE "A"
STA. 20+00 TO STA. 30+00
RIVERA STREET TO SPRINGBROOK CHANNEL

SCALE: AS SHOWN

DRAWING NUMBER
D-767
SHEET 3 OF 6
PW04-0629

BIZ

INDEXED 3-29-05 GH

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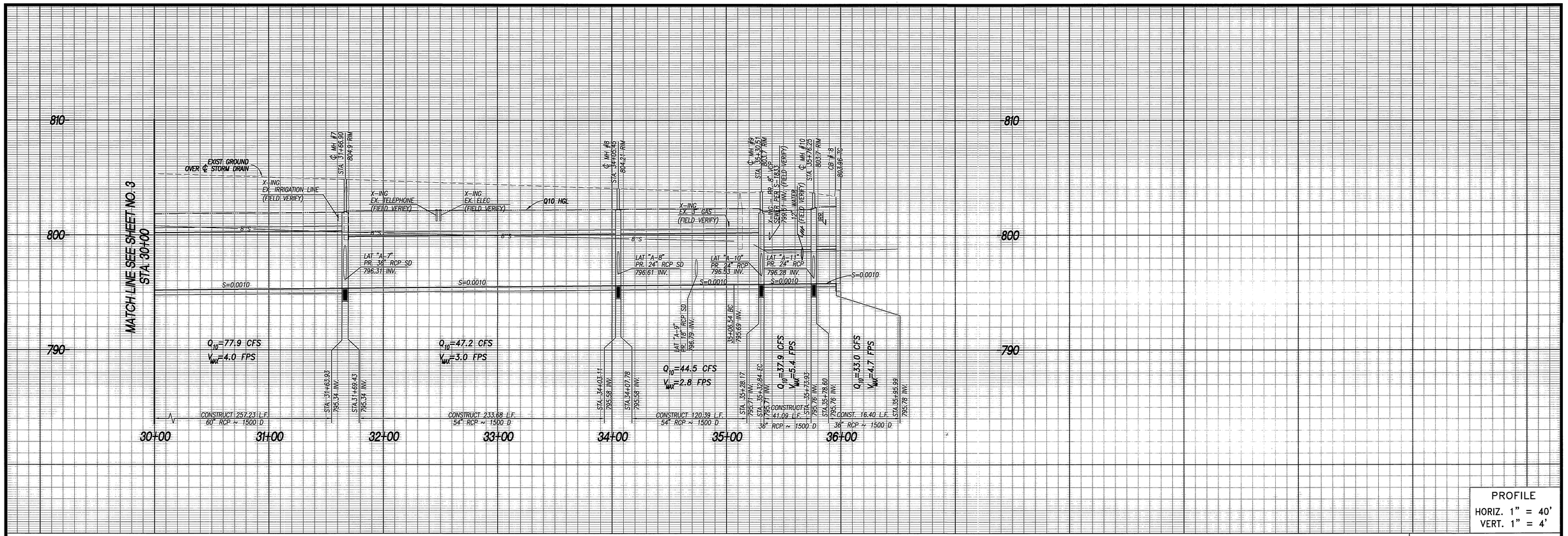

PROFILE
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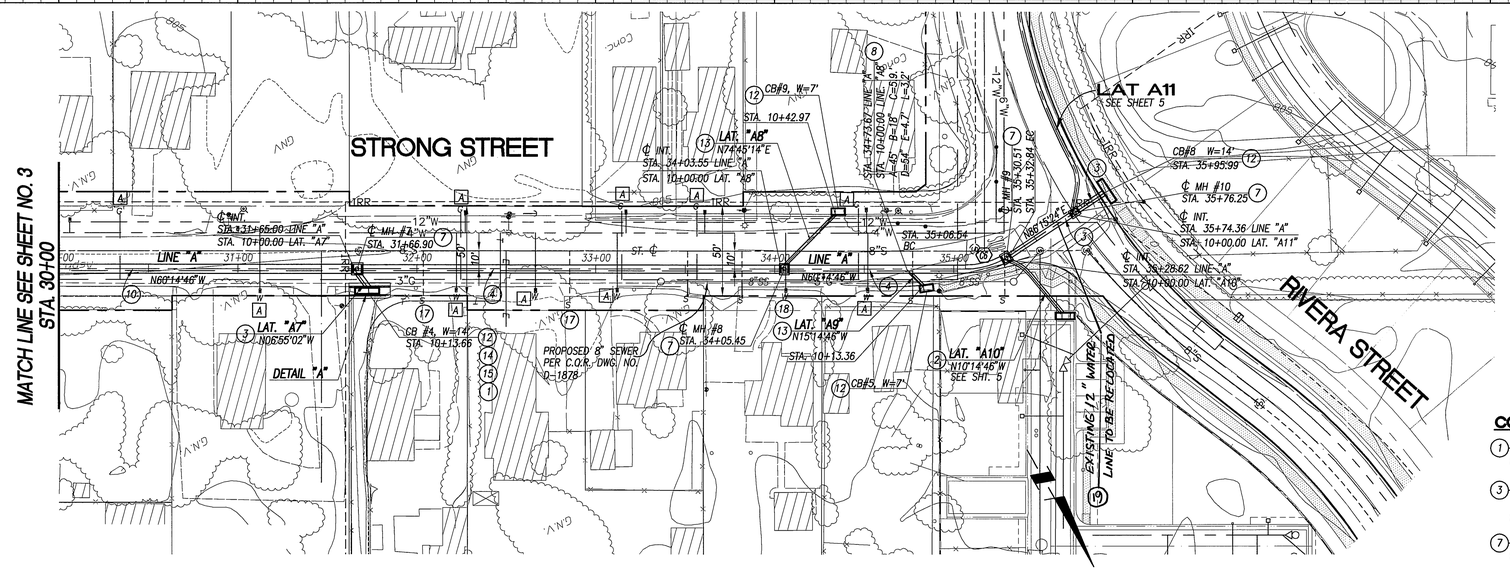

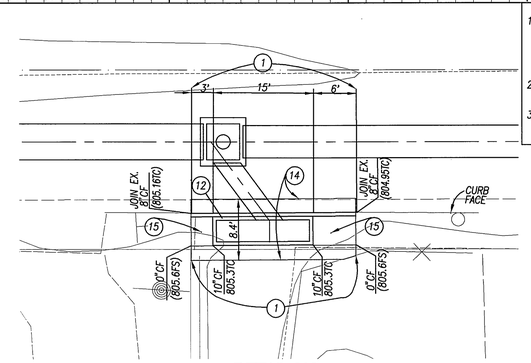

DETAIL "A"
SCALE: 1"=10"

LINE "A"

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4. CONSTRUCT 54" RCP (D- LOAD PER PLAN) PER CITY STANDARDS AND PIPE BEDDING PER C.O.R. STD. DWG. 452
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8. CONSTRUCT PIPE TO PIPE (MAIN TO LATERAL) PER C.O.R. STD. DWG. 421 (JUNCTION STRUCTURE B)
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12. CONSTRUCT CATCH BASIN PER C.O.R. STD. DWG. 405.
13. CONSTRUCT 18" RCP (D- LOAD PER PLAN) PER CITY STANDARDS AND PIPE BEDDING PER C.O.R. STD. DWG. 452
14. REMOVE EXISTING CURB, GUTTER, SIDEWALK AND AC OR PCC PAVEMENT TO LIMITS ON PLAN
15. CONSTRUCT SIDEWALK PER C.O.R. STD. DWG. 325
17. RECONSTRUCT EXISTING SEWER LATERAL PER C.O.R. STD. DWG. 554
18. RELOCATE EXISTING WATER SERVICE TO CLEAR PROP. MANHOLE PER CWD-600 BY CITY FORCES
19. RELOCATE EXISTING 12" WATER LINE BY CITY FORCES

CURVE TABLE				
CURVE	LENGTH	RADIUS	DELTA	TANGENT
(CB)	26.31'	45.00'	33°29'50"	13.54'

KEY NOTES

A — PROTECT IN PLACE

Underground Service Alert
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TWO WORKING DAYS BEFORE YOU DIG
A PUBLIC SERVICE BY UNDERGROUND SERVICE ALERT

CITY OF RIVERSIDE WATER DEPT.
APPROVED BY MM 1/28/05

REGISTERED PROFESSIONAL ENGINEER SCOTT M. WILSON No. 49884 Exp. 09/30/06 CIVIL STATE OF CALIFORNIA

WILSON MIKAMI CORPORATION
3 PETERS CANYON, SUITE 110
IRVINE, CA 92606
T: 949-679-0090
CITY OF RIVERSIDE BUSINESS TAX CERTIFICATE # 116925, EXPIRES 07/22/05

PREPARED UNDER THE SUPERVISION OF:
SCOTT M. WILSON
REGISTERED CIVIL ENGINEER NO. 49884
REGISTRATION EXPIRES: 09/30/06
Date: 1/4/05

MARK	REVISIONS	APR.	DATE:

DESIGNED BY: _____ CHECKED BY: _____

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY:	BY:	DATE:
PRINCIPAL ENG.	PH	2/8/05
~~TRAFFIC DIVISION~~		
~~SEWER SERVICES~~		
STREET SERVICES	(CEJ)	1/5/05

APPROVED BY: CITY ENGINEER
DATE 2/10/05

STRONG STREET STORM DRAIN PLANS
STORM DRAIN LINE "A"
STA. 30+00 TO STA. 35+00
RIVERA STREET TO SPRINGBROOK CHANNEL
SCALE: AS SHOWN

DRAWING NUMBER
D-767
SHEET 4 OF 6
PW04-0629

RV2

INDEXED 3-24-05 GH

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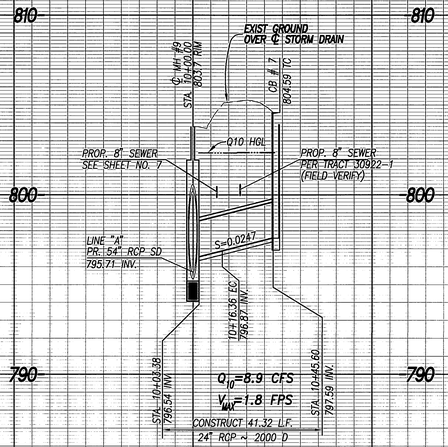
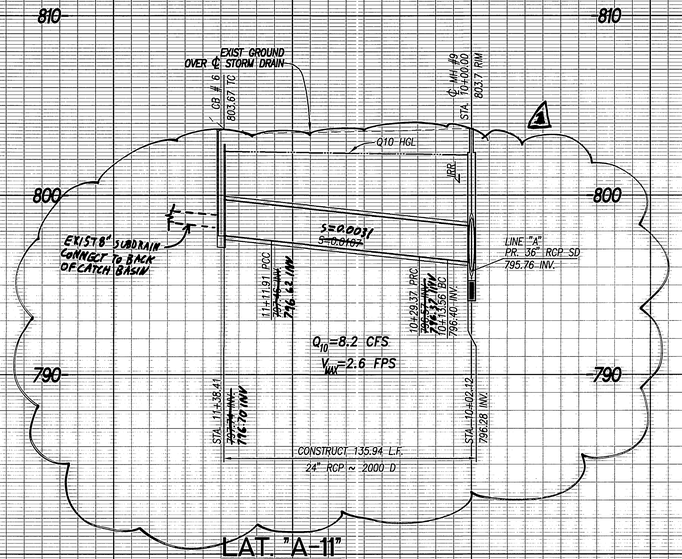


LAT. "A-10"

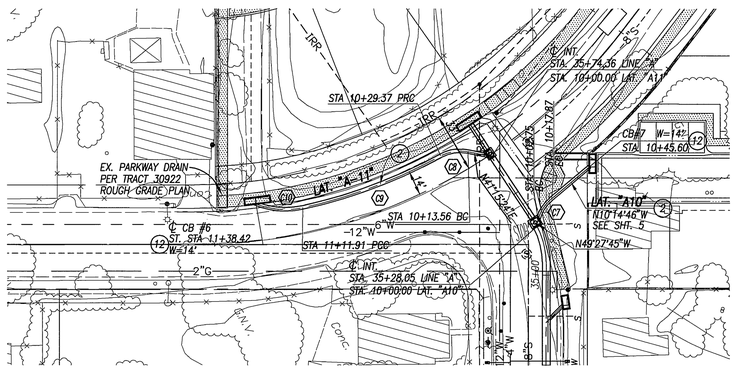


LAT. "A-11"

10+00 11+00 12+00 11+00 10+00

PROFILE
HORIZ. 1" = 40'
VERT. 1" = 4'

1. CONTRACTOR SHALL POTHOLE AND VERIFY THE EXISTING ELEVATION OF UTILITIES NOTED BY "FIELD VERIFY" PRIOR TO CONSTRUCTION. CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DESCREPANCY PRIOR TO CONSTRUCTION.
2. CONTRACTOR SHALL REFER TO PLAN VIEW FOR APPROXIMATE LOCATION OF UTILITY LATERALS
3. CONTRACTOR SHALL PROTECT EXISTING UTILITIES IN PLACE EXCEPT WERE SPECIFIED TO BE REMOVED OR RELOCATED PER PLAN.



LATERALS "A-10" AND "A-11"

CONSTRUCTION NOTES

(2) CONSTRUCT 24" RCP (D-LOAD PER PLAN) PER CITY STANDARDS AND PIPE BEDDING PER C.O.R. STD. DWG. 452

(8) CONSTRUCT PIPE TO PIPE (MAIN TO LATERAL) PER C.O.R. STD. DWG. 421 (JUNCTION STRUCTURE B)

(12) CONSTRUCT CATCH BASIN PER C.O.R. STD. DWG. 405.

CURVE TABLE				
CURVE	LENGTH	RADIUS	DELTA	TANGENT
⟨C7⟩	15.40'	22.50'	39°12'59"	8.02'
⟨C8⟩	15.80'	22.50'	40°14'24"	8.24'
⟨C9⟩	82.55'	286.00'	16°32'13"	41.56'
⟨C10⟩	26.51'	45.00'	33°45'06"	13.65'

GRAPHIC SCALE
40 0 20 40 80 160
(IN FEET)
1 inch = 40 ft.

Underground Service Alert
Call: TOLL FREE 1-800-227-2600
DIAL BEFORE YOU DIG
TWO WORKING DAYS BEFORE YOU DIG
A PUBLIC SERVICE BY UNDERGROUND SERVICE ALERT

CITY OF RIVERSIDE WATER DEPT.
APPROVED BY MM. 11/20/05

REGISTERED PROFESSIONAL ENGINEER SCOTT M. WILSON No. 49884 Exp. 09/30/06 CIVIL STATE OF CALIFORNIA

WILSON MIKAMI CORPORATION
3 PETERS CANYON, SUITE 110
IRVINE, CA 92606
T: 949-679-0090
CITY OF RIVERSIDE BUSINESS TAX CERTIFICATE # 116925, EXPIRES 07/22/05

PREPARED UNDER THE SUPERVISION OF:
SCOTT M. WILSON
REGISTERED CIVIL ENGINEER NO. 49884
REGISTRATION EXPIRES: 09/30/06
Date: 11/4/05

MARK	REVISIONS	APR.	DATE:
4	REVISED LATERAL A-11 FOR SUBDRAIN	RJ2	4-27-05

DESIGNED BY: CHECKED BY:

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

	BY:	DATE:
APPROVED BY:		
PRINCIPAL ENG.	FH	2/8/05
~~TRAFFIC DIVISION~~		
~~SEWER SERVICES~~		
STREET SERVICES	ICEJ	1/5/05

APPROVED BY: CITY ENGINEER
DATE 2/10/05

STRONG STREET STORM DRAIN PLANS

LATERALS "A10" AND "A11"

RIVERA STREET TO SPRINGBROOK CHANNEL

SCALE: AS SHOWN

DRAWING NUMBER D-767

SHEET 5 OF 6

PW04-0629

RJ2

INDEXED 3-24-05 FH

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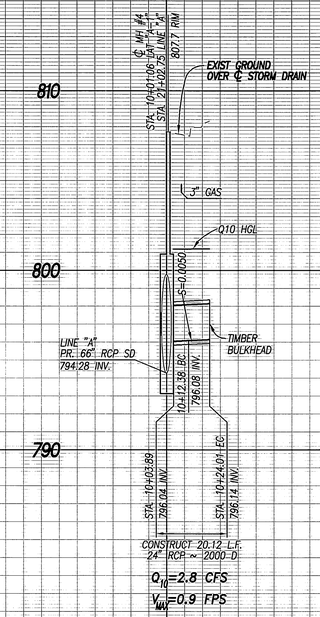

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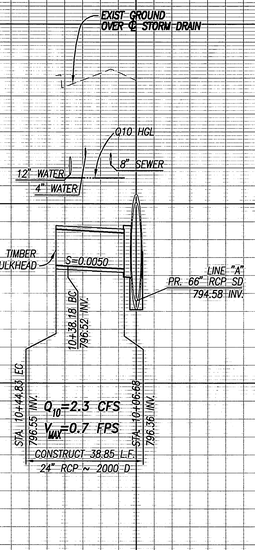

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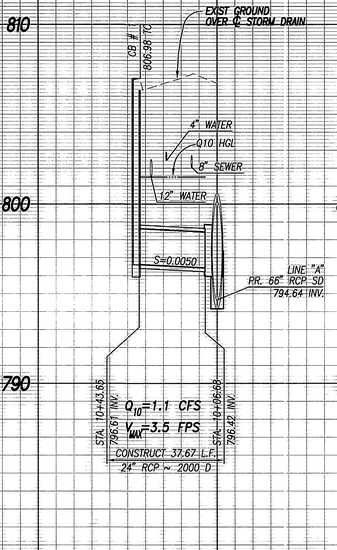

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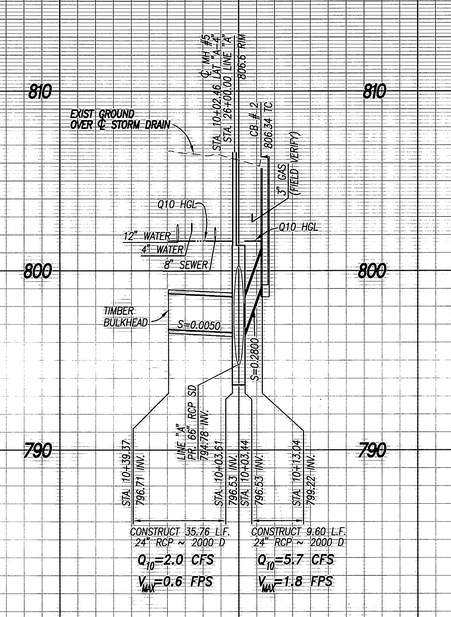
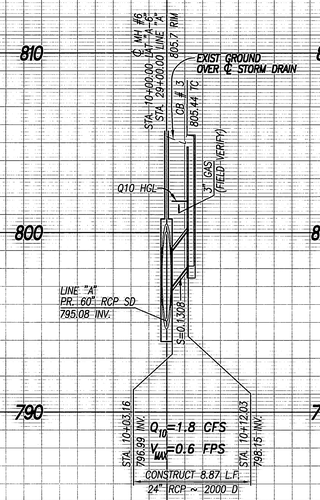


LAT "A-4" LAT "A-5"



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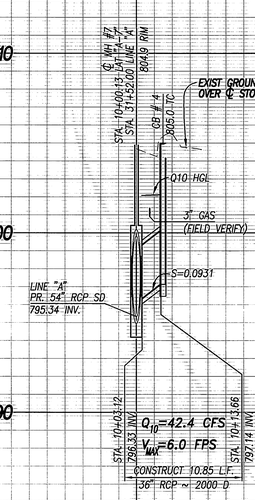

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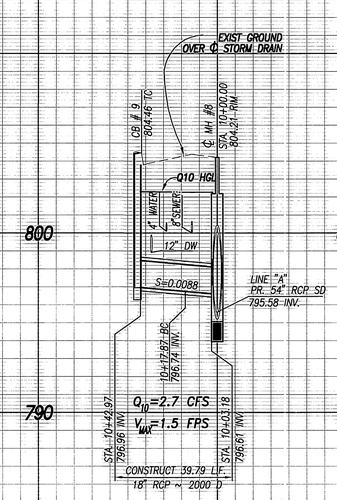

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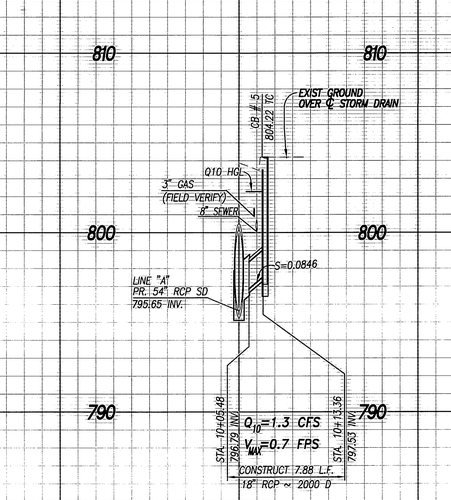

LAT "A-9"

PROFILE
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VERT. 1" = 4'

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APPROVED BY MM 1/26/05

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CITY OF RIVERSIDE BUSINESS TAX CERTIFICATE # 116925, EXPIRES 07/22/05

PREPARED UNDER THE SUPERVISION OF:
SCOTT M. WILSON
REGISTERED CIVIL ENGINEER NO. 49884
REGISTRATION EXPIRES: 09/30/06
Date: 1/4/05

MARK	REVISIONS	APR.	DATE:

DESIGNED BY: _____ CHECKED BY: _____

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY:	BY:	DATE:
PRINCIPAL ENG.	PH	2/8/05
~~TRAFFIC DIVISION~~		
~~SEWER SERVICES~~		
STREET SERVICES	KAJ	1/5/05

APPROVED BY: CITY ENGINEER
DATE 2/10/05

STRONG STREET STORM DRAIN PLANS

LATERAL PROFILES

RIVERA STREET TO SPRINGBROOK CHANNEL

SCALE: AS SHOWN

DRAWING NUMBER
D-767

SHEET 6 OF 6

PW04-0629

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RVZ.

INDEXED 3-24-05 LFH