CLOUDED AREA IS RESPONSE TO RFI #0056 AND REVISED ON 10-30-08

2 RAIL FENCE, SEE DETAIL 1, SHEET CD-1

GRADE IN HATCH AREA TO BE ADJUSTED IN THE FIELD AS REQUIRED.

TIE INTO & ALIGN PROPOSED SIDEWALK WITH EXISTING SIDEWALK, SEE DETAIL 2, SHEET CD-1

ADA STRIPPING TO BE INSTALLED PER CITY OF RIVERSIDE STANDARD PLAN #RDA-1 (TYP.)

SIDEWALK TO BE INSTALLED PER CITY OF RIVERSIDE STANDARD PLAN #325 (TYP.)

2 RAIL FENCE, SEE DETAIL 1, SHEET CD-1

END FENCE AT BACK OF RAMP

2 RAIL FENCE, SEE DETAIL 1, SHEET CD-1

SWING GATE SEE DETAIL 3, SHEET CD-2

WHEEL CHAIR RAMPS TO BE INSTALLED PER CITY OF RIVERSIDE STANDARD PLAN #304 (TYP.)

2 RAIL FENCE, SEE DETAIL 1, SHEET CD-1

SWING GATE TYPICAL BOTH SIDES, SEE DETAIL 3, SHEET CD-2

2 RAIL FENCE, SEE DETAIL 1, SHEET CD-1

106+00 107+00 108+00 109+00 110+00

40' 30' 20' 10' 0 20' 40'

SCALE 1"=20'

AS BUILT 1-20-10

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

RIVERSIDE COUNTY REGIONAL PARK AND OPEN-SPACE DISTRICT

APPROVED BY PAUL FRANDSEN

GENERAL MANAGER

DATE

Ian Davidson, Landscape Architecture
3744 10TH STREET
RIVERSIDE, CA 92501

951 683 3283 FAX 951 683 4352
E-MAIL: IDAVIDSON@IDLANC.COM

DMJM HARRIS

999 Town & Country Road
Orange, CA 92868
T 714.567.2501 F 714.567.2441

REGISTERED LANDSCAPE ARCHITECT IAN J. DAVIDSON 4824 Signature 6/30/09 Exp. Date STATE OF CALIFORNIA

MARK	REVISIONS	APPR.	DATE

DESIGNED BY _____ DRAWN BY _____ CHECKED BY _____

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY	BY	DATE
CONST. CONTRACT ADMIN.		
PRINCIPAL ENGINEER		
STREET SERVICES		
SURVEYOR		
TRAFFIC DIVISION		
PARKS DEPARTMENT		

APPROVED BY

CITY ENGINEER

DATE

JURUPA AVENUE UNDERPASS
PHASE II CONSTRUCTION

TRAIL GRADING EXHIBIT

OCTOBER 6, 2006

R-3634L

GR-1

SHEET_____ OF_____

PWS-PC-01-1001-MR1

CLOUDED AREA IS RESPONSE TO RFI #0056
AND REVISED ON 10-30-08

17a | 35 | 1"
16a | 46 | 1.5"
15a | 42 | 1.5"
10a | 50 | 1.5"
19a | 50 | 1.5"
14a | 32 | 1.5"
13a
15a | 42 | 1.5"
12a
12a | 43 | 1.5"
11a | 34 | 1.5"
5a | 50 | 1.5"
6b | 14 | 1"
6a | 44 | 1.5"
20a | 36 | 1.5"
7a | 33 | 1.5"
9a | 47 | 1.5"
8a | 30 | 1.5"
16b | 27 | 1.5"
18a | 33 | 1.5"

POC #2
POC #1
3" SCH 80
MAINLINE VALVES RIVERS

PRESSURE LOSS CALCULATIONS-'A' (HIGHEST FLOW- 50 GPM)		
EQUIPMENT	SIZE	LOSS
WATER METER	3"	0.7
BACKFLOW DEVICE	3"	10.0
FLOW SENSOR	2"	1.0
MASTER VALVE	2"	0.8
MAINLINE	3"	2.5
CONTROL VALVE	1.5"	2.7
LATERAL LINES	@ FPS	2.5
SUBTOTAL PRESSURE LOSSES		20.2
MISC. LOSSES THRU SYSTEM (10%)		2.0
ELEVATION GAIN (FT)	10	4.3
TOTAL PRESSURE LOSSES		26.5
PRESSURE REQUIRED AT HEAD		40.0
TOTAL PRESSURE REQUIRED		66.5
STATIC PRESSURE AVAILABLE		80.0
RESIDUAL PRESSURE		13.5

AS BUILT 1-20-10

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40' 30' 20' 10' 0 20' 40'
SCALE 1"=20'

NOTE:
FOR IRRIGTION LEGEND
SEE SHEET 1-7

Ian Davidson, Landscape Architecture
3744 10TH STREET
RIVERSIDE, CA 92501
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DMJM HARRIS
999 Town & Country Road
Orange, CA 92868
T 714.567.2501 F 714.567.2441

REGISTERED LANDSCAPE ARCHITECT
IAN J. DAVIDSON 4232
Signature
6/30/09
Exp. Date
STATE OF CALIFORNIA

MARK	REVISIONS	APPR.	DATE

DESIGNED BY _____ DRAWN BY _____ CHECKED BY _____

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY	BY	DATE
CONST. CONTRACT ADMIN.		
PRINCIPAL ENGINEER		
STREET SERVICES		
SURVEYOR		
TRAFFIC DIVISION		
PARKS DEPARTMENT		

APPROVED BY _____
CITY ENGINEER
DATE _____

JURUPA AVENUE UNDERPASS
PHASE II CONSTRUCTION

IRRIGATION GRADE EXHIBIT
STA. 107+00 TO STA. 113+00

OCTOBER 6, 2006
R-3634L
GR-2
SHEET _____ OF _____

PWS-FC-01-1001-MR1

CLOUDED AREA IS RESPONSE TO RFI #0056 AND REVISED ON 10-30-08

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2 RAIL FENCE, SEE DETAIL 1, SHEET CD-1

SWING GATE SEE DETAIL 3, SHEET CD-2

WHEEL CHAIR RAMPS TO BE INSTALLED PER CITY OF RIVERSIDE STANDARD PLAN #304 (TYP.)

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SWING GATE TYPICAL BOTH SIDES, SEE DETAIL 3, SHEET CD-2

2 RAIL FENCE, SEE DETAIL 1, SHEET CD-1

AS BUILT 1-20-10

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REGISTERED LANDSCAPE ARCHITECT
IAN J. DAVIDSON 2628
Signature
6/30/09
Exp. Date
STATE OF CALIFORNIA

MARK	REVISIONS	APPR.	DATE

DESIGNED BY _____ DRAWN BY _____ CHECKED BY _____

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY	BY	DATE
CONST. CONTRACT ADMIN.		
PRINCIPAL ENGINEER		
STREET SERVICES		
SURVEYOR		
TRAFFIC DIVISION		
PARKS DEPARTMENT		

APPROVED BY _____ CITY ENGINEER

DATE _____

JURUPA AVENUE UNDERPASS
PHASE II CONSTRUCTION

PLANTING TRAIL EXHIBIT

STA. 107+00 TO STA. 113+00

OCTOBER 6, 2006
R-3634L
GR-3
SHEET _____ OF _____

PWS-PC-01-1001-MR1