

EQUIPMENT LEGEND				
SYMBOL	MANUFACTURER/MODEL #	SIZE	DETAIL	NOTES
[M]	IRRIGATION WATER METER	1"	N/A	(3)
[C]	IRRITROL MC PLUS AUTOMATIC CONTROLLER IN A STRONG BOX SB-18CR ENCLOSURE	SEE NOTE	'A', 'B' & 'C' LI-13	(3)
[F]	FEBCO 825Y REDUCED PRESSURE BACKFLOW W/ 1 1/4" BRONZE WYE STRAINER IN A STRONG BOX BC-45CY VANDAL RESISTANT ENCLOSURE	1 1/4"	'F', LI-13	(3)
[V]	GRISWOLD 2260 NORMALLY OPEN PRESSURE REDUCING MASTER VALVE	1 1/2"	'A', LI-11	(4,7)
[B]	NIBCO T-585 BRONZE BALL VALVE	1 1/2"	'D', LI-13	(4)
[C]	RAINBIRD #44LRC SERIES QUICK COUPLING VALVE	1"	'E', LI-13	(4)
[C]	RAINBIRD PEB SERIES ELECTRIC CONTROL VALVE	PLAN SIZE	'G', LI-13	(4)
[---]	SCH. 40 IRRIGATION MAINLINE (18" MIN. COVER)	PLAN SIZE	'I', LI-13	(2)
[---]	CLASS 200 PVC NON-PRESSURE BURIED LATERAL LINE - 12" MIN. COVER	PLAN SIZE	'I', LI-13	-
[---]	SCH 40 PVC IRRIGATION PIPE / WIRE SLEEVE - 24" MIN. COVER	SEE CHART	'J', LI-13	(5,6)
[---]	NOT SHOWN	UF RATED CONTROL WIRE, 12 GA COMMON, 14 GA PILOT	12/14 GA	'H', LI-13

(1) SEE SHEET LP-26 FOR IRRIGATION NOTES.
 (2) IRRIGATION LINE LAYOUT IS DIAGRAMATIC ONLY. MAINLINE IS TO BE LOCATED AT A CONSTANT DIMENSION OF 24" FROM THE BACK EDGE OF THE BOMANITE ON THE EASTERLY SIDE OF THE MEDIANS.
 (3) IRRIGATION METER TO BE INSTALLED BY CITY OF RIVERSIDE WATER DIVISION. CONTRACTOR TO COORDINATE WITH PUBLIC UTILITIES FOR PLACEMENT OF METER, BACKFLOW, SLEEVES AND POWER FOR CONTROLLER.
 (4) PROVIDE A MINIMUM 3' SEPARATION BETWEEN ALL VALVE BOXES INCLUDING RCV'S, QCV'S BALL VALVES, ETC.
 (5) ALL IRRIGATION LINES AND CONTROL WIRE BENEATH PAVEMENT SHALL BE INSTALLED IN SCH. 40 PVC SLEEVES. CONTROL WIRE SHALL BE SEPARATELY SLEEVED FROM ALL LINES.
 (6) ALL SLEEVE SHALL BE INSTALLED IN STRAIGHT RUNS WITH NO BENDS, CURVES OR OTHER CHANGES IN DIRECTION.
 (7) PRESSURE IS TO BE REGULATED AS INDICATED FOR EACH POC.

STATION # / CONTROLLER	
FLOW (GPM)	VALVE SIZE

PIPE SIZING CHART	
3/4" PIPE	1 1/4" SLEEVE
1" PIPE	1 1/2" SLEEVE
1 1/4" PIPE	2" SLEEVE
1 1/2" PIPE	2 1/2" SLEEVE
2" PIPE	3" SLEEVE
2 1/2" PIPE	3 1/2" SLEEVE
3" PIPE	4" SLEEVE
4" PIPE	5" SLEEVE
6" PIPE	8" SLEEVE
8" PIPE	10" SLEEVE

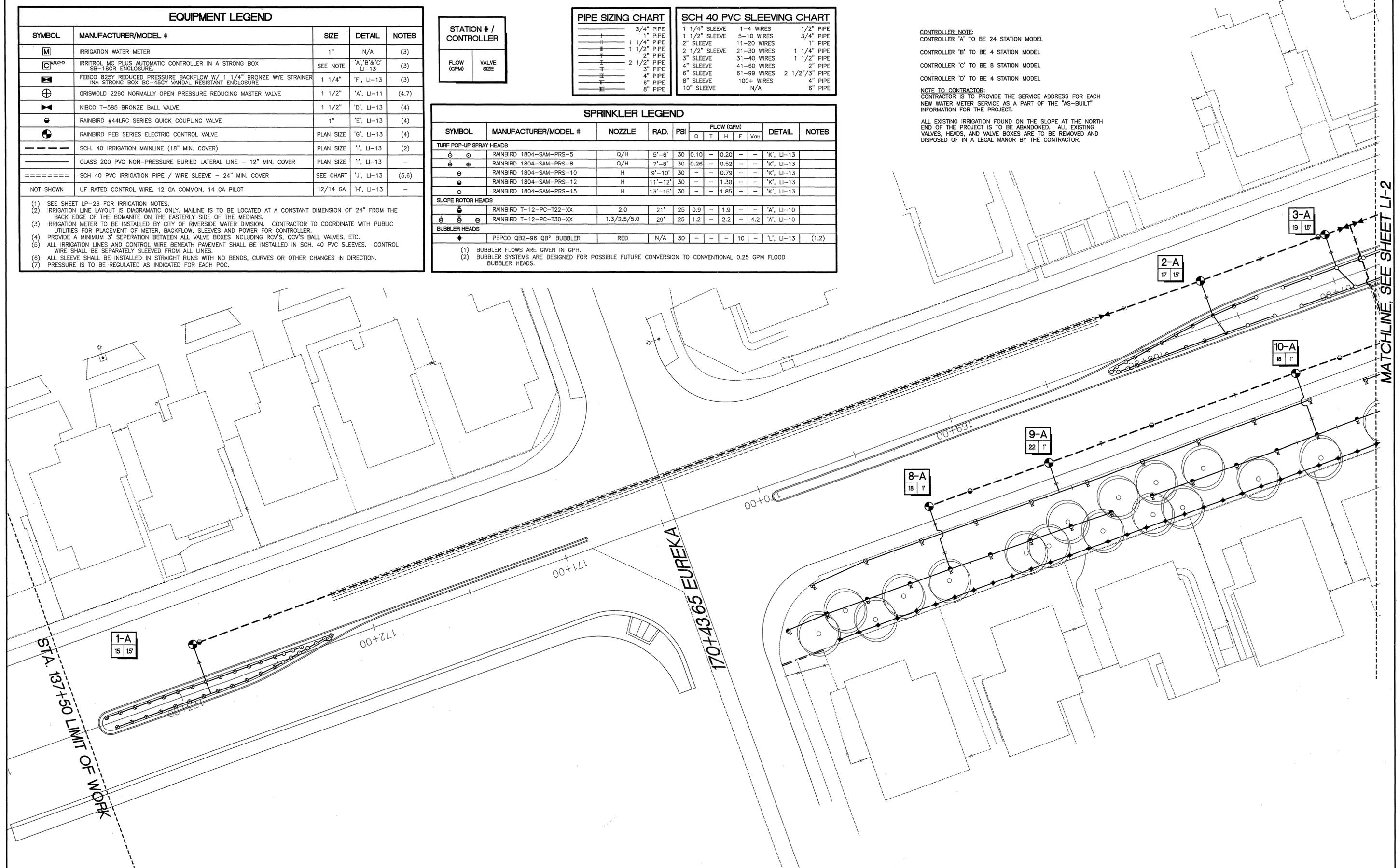
SCH 40 PVC SLEEVING CHART		
1 1/4" SLEEVE	1-4 WIRES	1/2" PIPE
1 1/2" SLEEVE	5-10 WIRES	3/4" PIPE
2" SLEEVE	11-20 WIRES	1" PIPE
2 1/2" SLEEVE	21-30 WIRES	1 1/4" PIPE
3" SLEEVE	31-40 WIRES	1 1/2" PIPE
4" SLEEVE	41-60 WIRES	2" PIPE
6" SLEEVE	61-99 WIRES	2 1/2" / 3" PIPE
8" SLEEVE	100+ WIRES	4" PIPE
10" SLEEVE	N/A	6" PIPE

CONTROLLER NOTE:
 CONTROLLER 'A' TO BE 24 STATION MODEL
 CONTROLLER 'B' TO BE 4 STATION MODEL
 CONTROLLER 'C' TO BE 8 STATION MODEL
 CONTROLLER 'D' TO BE 4 STATION MODEL

NOTE TO CONTRACTOR:
 CONTRACTOR IS TO PROVIDE THE SERVICE ADDRESS FOR EACH NEW WATER METER SERVICE AS A PART OF THE "AS-BUILT" INFORMATION FOR THE PROJECT.
 ALL EXISTING IRRIGATION FOUND ON THE SLOPE AT THE NORTH END OF THE PROJECT IS TO BE ABANDONED. ALL EXISTING VALVES, HEADS, AND VALVE BOXES ARE TO BE REMOVED AND DISPOSED OF IN A LEGAL MANNER BY THE CONTRACTOR.

SPRINKLER LEGEND											
SYMBOL	MANUFACTURER/MODEL #	NOZZLE	RAD.	PSI	FLOW (GPM)					DETAIL	NOTES
					Q	T	H	F	Von		
TURF POP-UP SPRAY HEADS											
[Symbol]	RAINBIRD 1804-SAM-PRS-5	Q/H	5'-6"	30	0.10	-	0.20	-	-	'K', LI-13	
[Symbol]	RAINBIRD 1804-SAM-PRS-8	Q/H	7'-8"	30	0.26	-	0.52	-	-	'K', LI-13	
[Symbol]	RAINBIRD 1804-SAM-PRS-10	H	9'-10"	30	-	-	0.79	-	-	'K', LI-13	
[Symbol]	RAINBIRD 1804-SAM-PRS-12	H	11'-12"	30	-	-	1.30	-	-	'K', LI-13	
[Symbol]	RAINBIRD 1804-SAM-PRS-15	H	13'-15"	30	-	-	1.85	-	-	'K', LI-13	
SLOPE ROTOR HEADS											
[Symbol]	RAINBIRD T-12-PC-T22-XX	2.0	21'	25	0.9	-	1.9	-	-	'A', LI-10	
[Symbol]	RAINBIRD T-12-PC-T30-XX	1.3/2.5/5.0	29'	25	1.2	-	2.2	-	4.2	'A', LI-10	
BUBBLER HEADS											
[Symbol]	PEPCO QB2-96 QB ² BUBBLER	RED	N/A	30	-	-	-	-	10	-	'L', LI-13 (1,2)

(1) BUBBLER FLOWS ARE GIVEN IN GPH.
 (2) BUBBLER SYSTEMS ARE DESIGNED FOR POSSIBLE FUTURE CONVERSION TO CONVENTIONAL 0.25 GPM FLOOD BUBBLER HEADS.



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 Riverside, CA 92506
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 Fax: (909) 369-4039
 e-mail: comworks@pe.net
 http://www.pe.net/comworks



PREPARED UNDER THE DIRECTION OF
TIMOTHY I. MALONEY
 REGISTERED LANDSCAPE ARCHITECT, RLA 2110
 EXPIRATION DATE 10/31/04
 SCALE: 1"=20'
 DATE: 6/24/03

CITY OF RIVERSIDE
 3900 MAIN STREET
 RIVERSIDE, CA 92522

BENCHMARK

MARK	REVISIONS	APPR.	DATE

DESIGNED BY TY DRAWN BY KCK CHECKED BY TY

CITY OF RIVERSIDE, CALIFORNIA
 PUBLIC WORKS DEPARTMENT

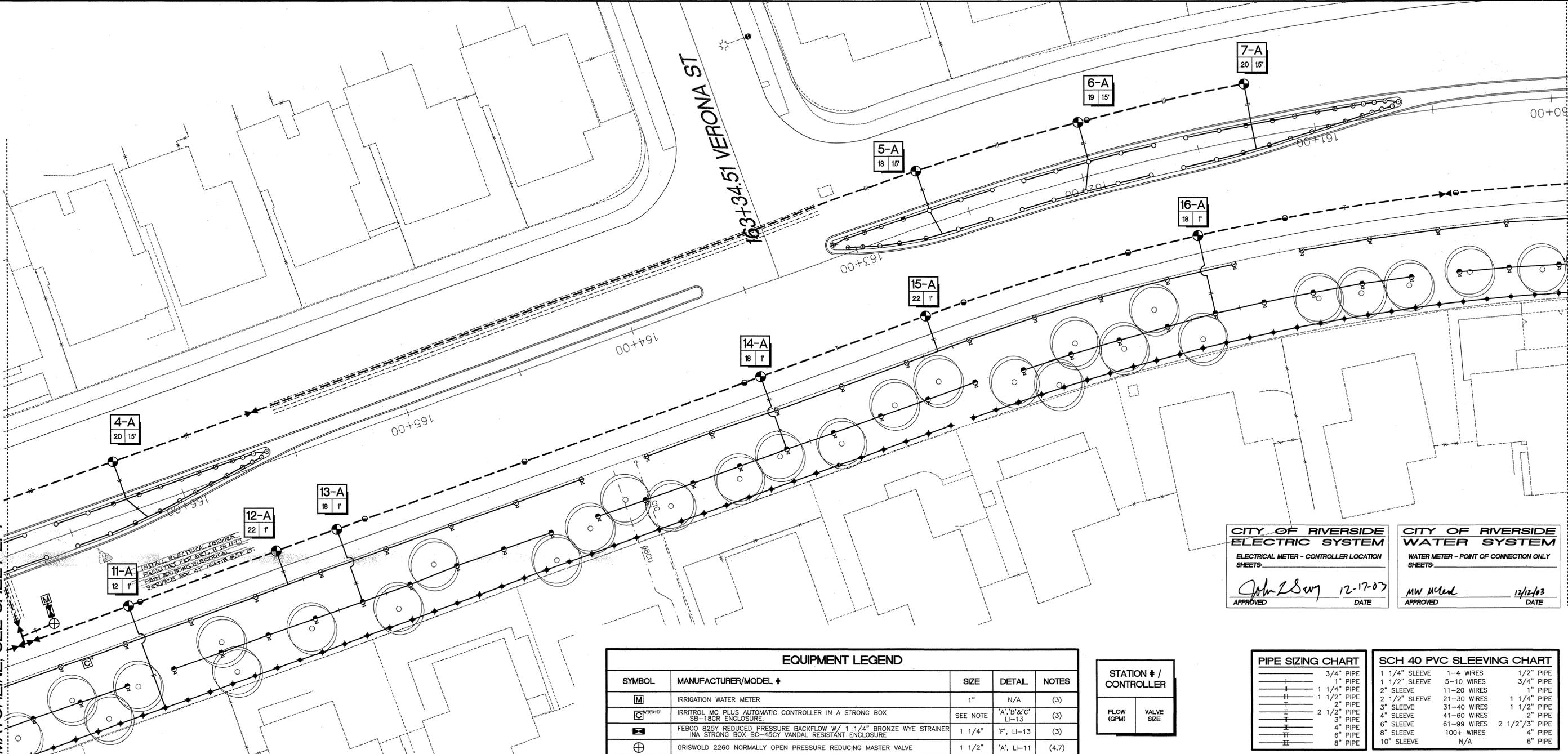
APPROVED BY: [Signature]
 DATE: 10-2-03

TYLER STREET MEDIANS
 LANDSCAPE PLANS
 IRRIGATION PLAN

PROJECT NO. 011048
LI-1
 SHEET 2 OF 27
 FILE NO. R-3535-L

MATCHLINE, SEE SHEET LI-1

MATCHLINE, SEE SHEET LI-3



CITY OF RIVERSIDE ELECTRIC SYSTEM
 ELECTRICAL METER - CONTROLLER LOCATION SHEETS
 APPROVED: *John Deery* 12-17-03
 DATE

CITY OF RIVERSIDE WATER SYSTEM
 WATER METER - POINT OF CONNECTION ONLY SHEETS
 APPROVED: *MW Mclend* 12/17/03
 DATE

P.O.C. INFORMATION

METER SIZE	1"
WATER TYPE	POTABLE
STATIC PRESSURE	66 PSI
AVAILABLE PRESSURE	66 PSI
MIN REQUIRED PRESSURE	55 PSI
PEAK DEMAND	24 GPM
DATE INFO OBTAINED	11/29/02
SOURCE AT ORWD	BRIAN
SERVICE ADDRESS:	
METER NUMBER:	

CONTROLLER NOTE:
 CONTROLLER 'A' TO BE 24 STATION MODEL
 CONTROLLER 'B' TO BE 4 STATION MODEL
 CONTROLLER 'C' TO BE 8 STATION MODEL
 CONTROLLER 'D' TO BE 4 STATION MODEL

NOTE TO CONTRACTOR:
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EQUIPMENT LEGEND

SYMBOL	MANUFACTURER/MODEL #	SIZE	DETAIL	NOTES
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[S]	FEBCO 825Y REDUCED PRESSURE BACKFLOW W/ 1 1/4" BRONZE WYE STRAINER IN A STRONG BOX BC-45CY VANDAL RESISTANT ENCLOSURE	1 1/4"	'F', LI-13	(3)
[V]	GRISWOLD 2260 NORMALLY OPEN PRESSURE REDUCING MASTER VALVE	1 1/2"	'A', LI-11	(4,7)
[B]	NIBCO T-585 BRONZE BALL VALVE	1 1/2"	'D', LI-13	(4)
[C]	RAINBIRD #44LRC SERIES QUICK COUPLING VALVE	1"	'E', LI-13	(4)
[C]	RAINBIRD PEB SERIES ELECTRIC CONTROL VALVE	PLAN SIZE	'G', LI-13	(4)
[L]	SCH. 40 IRRIGATION MAINLINE (18" MIN. COVER)	PLAN SIZE	'I', LI-13	(2)
[L]	CLASS 200 PVC NON-PRESSURE BURIED LATERAL LINE - 12" MIN. COVER	PLAN SIZE	'I', LI-13	-
[L]	SCH 40 PVC IRRIGATION PIPE / WIRE SLEEVE - 24" MIN. COVER	SEE CHART	'J', LI-13	(5,6)
[W]	NOT SHOWN UF RATED CONTROL WIRE, 12 GA COMMON, 14 GA PILOT	12/14 GA	'H', LI-13	-

(1) SEE SHEET LP-26 FOR IRRIGATION NOTES.
 (2) IRRIGATION LINE LAYOUT IS DIAGRAMATIC ONLY. MAINLINE IS TO BE LOCATED AT A CONSTANT DIMENSION OF 24" FROM THE BACK EDGE OF THE BOMANITE ON THE EASTERLY SIDE OF THE MEDIANS.
 (3) IRRIGATION METER TO BE INSTALLED BY CITY OF RIVERSIDE WATER DIVISION. CONTRACTOR TO COORDINATE WITH PUBLIC UTILITIES FOR PLACEMENT OF METER, BACKFLOW, SLEEVES AND POWER FOR CONTROLLER.
 (4) PROVIDE A MINIMUM 3' SEPERATION BETWEEN ALL VALVE BOXES INCLUDING RCV'S, QCV'S BALL VALVES, ETC.
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STATION # / CONTROLLER

FLOW (GPM)	VALVE SIZE
------------	------------

PIPE SIZING CHART

3/4" PIPE
1" PIPE
1 1/4" PIPE
1 1/2" PIPE
2" PIPE
2 1/2" PIPE
3" PIPE
4" PIPE
6" PIPE
8" PIPE

SCH 40 PVC SLEEVING CHART

1 1/4" SLEEVE	1-4 WIRES	1/2" PIPE
1 1/2" SLEEVE	5-10 WIRES	3/4" PIPE
2" SLEEVE	11-20 WIRES	1" PIPE
2 1/2" SLEEVE	21-30 WIRES	1 1/4" PIPE
3" SLEEVE	31-40 WIRES	1 1/2" PIPE
4" SLEEVE	41-60 WIRES	2" PIPE
6" SLEEVE	61-99 WIRES	2 1/2"/3" PIPE
8" SLEEVE	100+ WIRES	4" PIPE
10" SLEEVE	N/A	6" PIPE

SPRINKLER LEGEND

SYMBOL	MANUFACTURER/MODEL #	NOZZLE	RAD.	PSI	FLOW (GPM)					DETAIL	NOTES
					Q	T	H	F	Van		
TURF POP-UP SPRAY HEADS											
[S]	RAINBIRD 1804-SAM-PRS-5	Q/H	5'-6"	30	0.10	-	0.20	-	-	-	'K', LI-13
[S]	RAINBIRD 1804-SAM-PRS-8	Q/H	7'-8"	30	0.26	-	0.52	-	-	-	'K', LI-13
[S]	RAINBIRD 1804-SAM-PRS-10	H	9'-10'	30	-	-	0.79	-	-	-	'K', LI-13
[S]	RAINBIRD 1804-SAM-PRS-12	H	11'-12'	30	-	-	1.30	-	-	-	'K', LI-13
[S]	RAINBIRD 1804-SAM-PRS-15	H	13'-15'	30	-	-	1.85	-	-	-	'K', LI-13
SLOPE ROTOR HEADS											
[R]	RAINBIRD T-12-PC-T22-XX		2.0	21'	25	0.9	-	1.9	-	-	'A', LI-10
[R]	RAINBIRD T-12-PC-T30-XX		1.3/2.5/5.0	29'	25	1.2	-	2.2	-	4.2	'A', LI-10
BUBBLER HEADS											
[B]	PEPCO QB2-96 QB* BUBBLER	RED	N/A	30	-	-	-	-	10	-	'L', LI-13 (1,2)

(1) BUBBLER FLOWS ARE GIVEN IN GPH.
 (2) BUBBLER SYSTEMS ARE DESIGNED FOR POSSIBLE FUTURE CONVERSION TO CONVENTIONAL 0.25 GPM FLOOD BUBBLER HEADS.



4649 Brockton Avenue
 Riverside, CA 92506
 (909) 369-0700
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 http://www.pe.net/comworks



PREPARED UNDER THE DIRECTION OF
TIMOTHY I. MALONEY
 REGISTERED LANDSCAPE ARCHITECT, RLA 2110
 EXPIRATION DATE 10/31/04

SCALE: 1"=20' NORTH: [Compass Rose]

DATE: 6/24/03

CITY OF RIVERSIDE
 3900 MAIN STREET
 RIVERSIDE, CA 92522

DESIGNED BY TY DRAWN BY KCK CHECKED BY TY

CITY OF RIVERSIDE, CALIFORNIA
 PUBLIC WORKS DEPARTMENT

APPROVED BY: [Signature] DATE: 10-02-03

TYLER STREET MEDIANS
 LANDSCAPE PLANS
 IRRIGATION PLAN

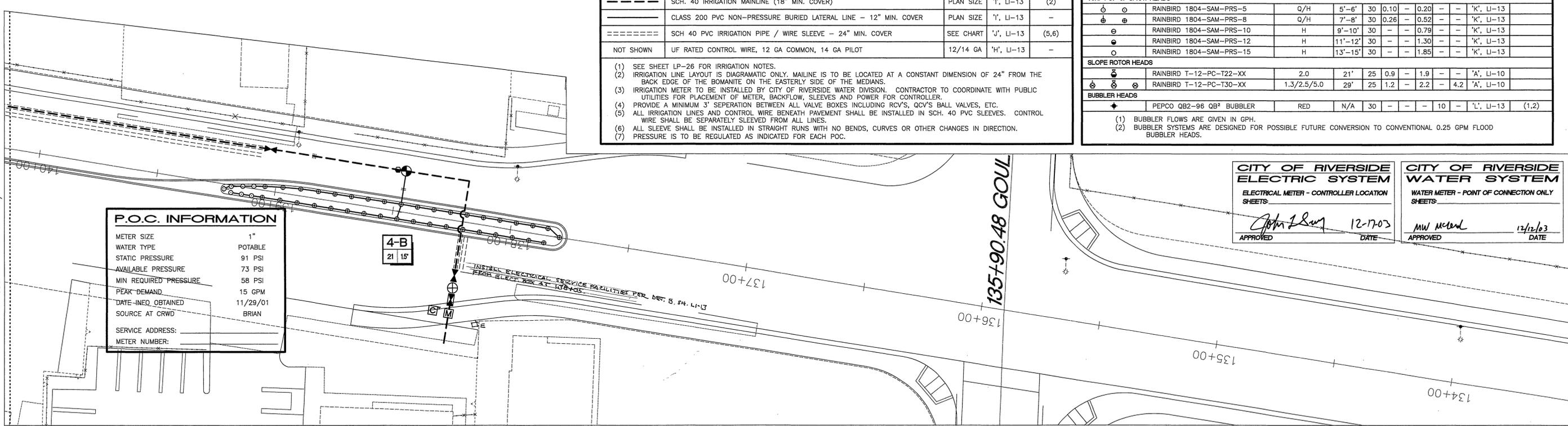
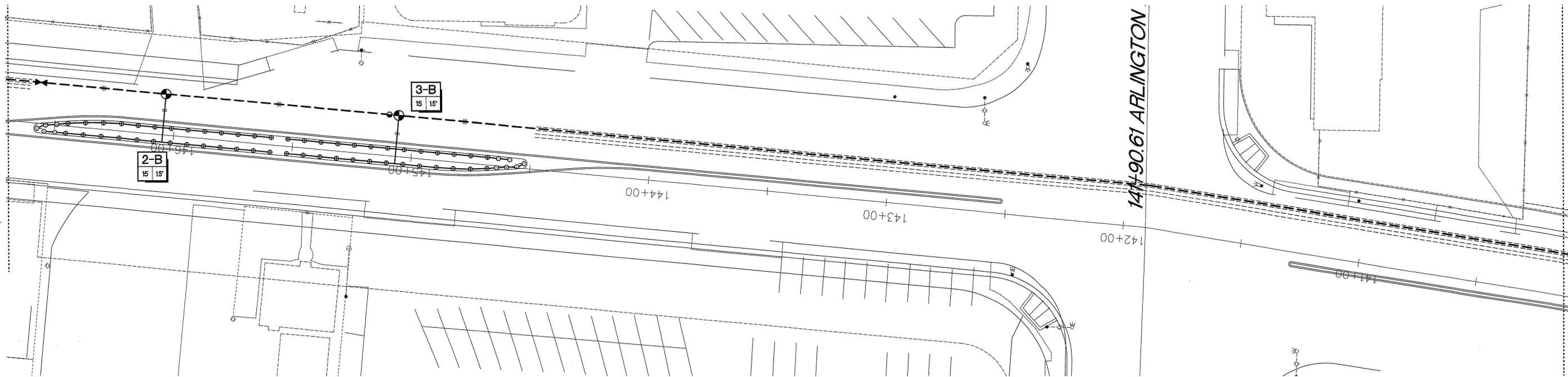
PROJECT NO. 011048
LI-2
 SHEET 3 OF 27
 FILE NO. R-3575-L

MATCHLINE, SEE SHEET LI-3

MATCHLINE, SEE BELOW LEFT

MATCHLINE, SEE ABOVE RIGHT

MATCHLINE, SEE SHEET LI-5



CONTROLLER NOTE:
 CONTROLLER 'A' TO BE 24 STATION MODEL
 CONTROLLER 'B' TO BE 4 STATION MODEL
 CONTROLLER 'C' TO BE 8 STATION MODEL
 CONTROLLER 'D' TO BE 4 STATION MODEL

NOTE TO CONTRACTOR:
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GR	GRISWOLD 2260 NORMALLY OPEN PRESSURE REDUCING MASTER VALVE	1 1/2"	'A', LI-11	(4,7)
NB	NIBCO T-585 BRONZE BALL VALVE	1 1/2"	'D', LI-13	(4)
RC	RAINBIRD #44LRC SERIES QUICK COUPLING VALVE	1"	'E', LI-13	(4)
RE	RAINBIRD PEB SERIES ELECTRIC CONTROL VALVE	PLAN SIZE	'G', LI-13	(4)
SCH	SCH. 40 IRRIGATION MAINLINE (18" MIN. COVER)	PLAN SIZE	'I', LI-13	(2)
CL	CLASS 200 PVC NON-PRESSURE BURIED LATERAL LINE - 12" MIN. COVER	PLAN SIZE	'I', LI-13	-
SCH	SCH 40 PVC IRRIGATION PIPE / WIRE SLEEVE - 24" MIN. COVER	SEE CHART	'J', LI-13	(5,6)
NOT SHOWN	UF RATED CONTROL WIRE, 12 GA COMMON, 14 GA PILOT	12/14 GA	'H', LI-13	-

- SEE SHEET LP-26 FOR IRRIGATION NOTES.
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- PRESSURE IS TO BE REGULATED AS INDICATED FOR EACH POC.

STATION # / CONTROLLER	
FLOW (GPM)	VALVE SIZE

PIPE SIZING CHART	
1/4" PIPE	3/4" PIPE
1/2" PIPE	1" PIPE
3/4" PIPE	1 1/4" PIPE
1" PIPE	1 1/2" PIPE
1 1/2" PIPE	2" PIPE
2" PIPE	2 1/2" PIPE
2 1/2" PIPE	3" PIPE
3" PIPE	4" PIPE
4" PIPE	6" PIPE
6" PIPE	8" PIPE

SCH 40 PVC SLEEVING CHART		
1 1/4" SLEEVE	1-4 WIRES	1/2" PIPE
1 1/2" SLEEVE	5-10 WIRES	3/4" PIPE
2" SLEEVE	11-20 WIRES	1" PIPE
2 1/2" SLEEVE	21-30 WIRES	1 1/4" PIPE
3" SLEEVE	31-40 WIRES	1 1/2" PIPE
4" SLEEVE	41-60 WIRES	2" PIPE
6" SLEEVE	61-99 WIRES	2 1/2"/3" PIPE
8" SLEEVE	100+ WIRES	4" PIPE
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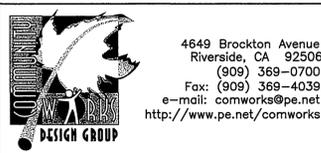
SPRINKLER LEGEND											
SYMBOL	MANUFACTURER/MODEL #	NOZZLE	RAD.	PSI	FLOW (GPM)					DETAIL	NOTES
					Q	T	H	F	Van		
TURF POP-UP SPRAY HEADS											
○	RAINBIRD 1804-SAM-PRS-5	Q/H	5'-6"	30	0.10	-	0.20	-	-	'K', LI-13	
⊕	RAINBIRD 1804-SAM-PRS-8	Q/H	7'-8"	30	0.26	-	0.52	-	-	'K', LI-13	
⊕	RAINBIRD 1804-SAM-PRS-10	H	9'-10"	30	-	-	0.79	-	-	'K', LI-13	
⊕	RAINBIRD 1804-SAM-PRS-12	H	11'-12"	30	-	-	1.30	-	-	'K', LI-13	
⊕	RAINBIRD 1804-SAM-PRS-15	H	13'-15"	30	-	-	1.85	-	-	'K', LI-13	
SLOPE ROTOR HEADS											
⊕	RAINBIRD T-12-PC-T22-XX	2.0	21'	25	0.9	-	1.9	-	-	'A', LI-10	
⊕	RAINBIRD T-12-PC-T30-XX	1.3/2.5/5.0	29'	25	1.2	-	2.2	-	4.2	'A', LI-10	
BUBBLER HEADS											
⊕	PEPCO QB2-96 QB* BUBBLER	RED	N/A	30	-	-	-	-	10	-	'L', LI-13 (1,2)

- BUBBLER FLOWS ARE GIVEN IN GPH.
- BUBBLER SYSTEMS ARE DESIGNED FOR POSSIBLE FUTURE CONVERSION TO CONVENTIONAL 0.25 GPM FLOOD BUBBLER HEADS.

P.O.C. INFORMATION	
METER SIZE	1"
WATER TYPE	POTABLE
STATIC PRESSURE	91 PSI
AVAILABLE PRESSURE	73 PSI
MIN REQUIRED PRESSURE	58 PSI
PEAK DEMAND	15 GPM
DATE-INEQ OBTAINED	11/29/01
SOURCE AT CRWD	BRIAN
SERVICE ADDRESS:	
METER NUMBER:	

CITY OF RIVERSIDE ELECTRIC SYSTEM
 ELECTRICAL METER - CONTROLLER LOCATION SHEETS
 APPROVED: *John Deery* DATE: 12-17-03

CITY OF RIVERSIDE WATER SYSTEM
 WATER METER - POINT OF CONNECTION ONLY SHEETS
 APPROVED: *MW McLeod* DATE: 12/2/03



PREPARED UNDER THE DIRECTION OF
TIMOTHY I. MALONEY 2110
 REGISTERED LANDSCAPE ARCHITECT, RLA
 EXPIRATION DATE 10/31/04
 SCALE: 1"=20' NORTH: BENCHMARK
 DATE: 6/24/03

CITY OF RIVERSIDE
 3900 MAIN STREET
 RIVERSIDE, CA 92502

MARK	REVISIONS	APPR.	DATE

DESIGNED BY TY DRAWN BY KCK CHECKED BY TY

CITY OF RIVERSIDE, CALIFORNIA PUBLIC WORKS DEPARTMENT
 APPROVED BY: *[Signature]* BY: *[Signature]* DATE: 10-22-03
 PARK DEPARTMENT

TYLER STREET MEDIANS LANDSCAPE PLANS IRRIGATION PLAN

PROJECT NO. 011048
LI-4
 SHEET 5 OF 27
 FILE NO. R-3575-L

INDEXED 5-24-04 LHM

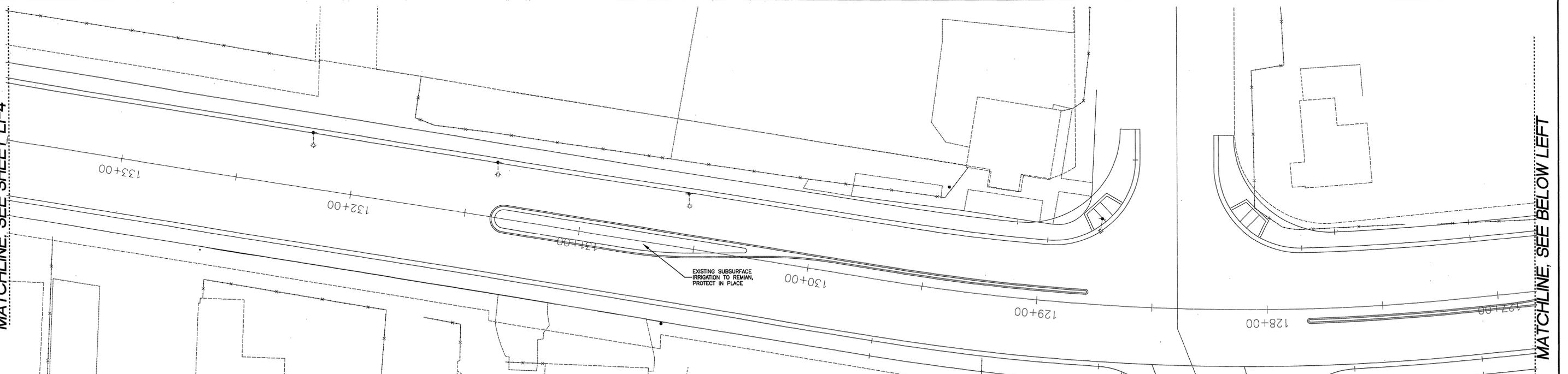
PC-4381-M/R

MATCHLINE, SEE SHEET LI-4

MATCHLINE, SEE BELOW LEFT

MATCHLINE, SEE ABOVE RIGHT

MATCHLINE, SEE SHEET LI-6



EQUIPMENT LEGEND				
SYMBOL	MANUFACTURER/MODEL #	SIZE	DETAIL	NOTES
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STATION # / CONTROLLER	
FLOW (GPM)	VALVE SIZE

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3/4" PIPE	
1" PIPE	
1 1/4" PIPE	
1 1/2" PIPE	
2" PIPE	
2 1/2" PIPE	
3" PIPE	
4" PIPE	
6" PIPE	
8" PIPE	

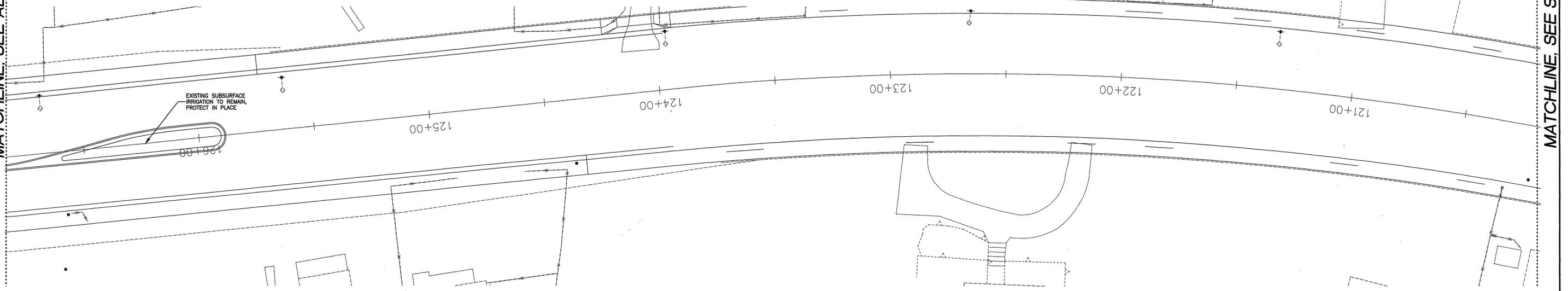
SCH 40 PVC SLEEVING CHART		
1 1/4" SLEEVE	1-4 WIRES	1/2" PIPE
1 1/2" SLEEVE	5-10 WIRES	3/4" PIPE
2" SLEEVE	11-20 WIRES	1" PIPE
2 1/2" SLEEVE	21-30 WIRES	1 1/4" PIPE
3" SLEEVE	31-40 WIRES	1 1/2" PIPE
4" SLEEVE	41-60 WIRES	2" PIPE
6" SLEEVE	61-99 WIRES	2 1/2"/3" PIPE
8" SLEEVE	100+ WIRES	4" PIPE
10" SLEEVE	N/A	6" PIPE

CONTROLLER NOTE:
 CONTROLLER 'A' TO BE 24 STATION MODEL
 CONTROLLER 'B' TO BE 4 STATION MODEL
 CONTROLLER 'C' TO BE 8 STATION MODEL
 CONTROLLER 'D' TO BE 4 STATION MODEL

NOTE TO CONTRACTOR:
 CONTRACTOR IS TO PROVIDE THE SERVICE ADDRESS FOR EACH NEW WATER METER SERVICE AS A PART OF THE "AS-BUILT" INFORMATION FOR THE PROJECT.

SPRINKLER LEGEND											
SYMBOL	MANUFACTURER/MODEL #	NOZZLE	RAD.	PSI	FLOW (GPM)					DETAIL	NOTES
					Q	T	H	F	Van		
TURF POP-UP SPRAY HEADS											
○	RAINBIRD 1804-SAM-PRS-5	Q/H	5'-6"	30	0.10	-	0.20	-	-	'K', U-13	
⊙	RAINBIRD 1804-SAM-PRS-8	Q/H	7'-8"	30	0.26	-	0.52	-	-	'K', U-13	
⊕	RAINBIRD 1804-SAM-PRS-10	H	9'-10"	30	-	-	0.79	-	-	'K', U-13	
⊖	RAINBIRD 1804-SAM-PRS-12	H	11'-12"	30	-	-	1.30	-	-	'K', U-13	
⊗	RAINBIRD 1804-SAM-PRS-15	H	13'-15"	30	-	-	1.85	-	-	'K', U-13	
SLOPE ROTOR HEADS											
⊙	RAINBIRD T-12-PC-T22-XX	2.0	21'	25	0.9	-	1.9	-	-	'A', U-10	
⊕	RAINBIRD T-12-PC-T30-XX	1.3/2.5/5.0	29'	25	1.2	-	2.2	-	4.2	'A', U-10	
BUBBLER HEADS											
⊕	PEPCO QB2-96 QB ² BUBBLER	RED	N/A	30	-	-	-	-	10	'L', U-13	(1,2)

- (1) BUBBLER FLOWS ARE GIVEN IN GPH.
- (2) BUBBLER SYSTEMS ARE DESIGNED FOR POSSIBLE FUTURE CONVERSION TO CONVENTIONAL 0.25 GPM FLOOD BUBBLER HEADS.



DIGALERT
 DIAL TOLL FREE
 1-800-227-2600
 AT LEAST TWO DAYS BEFORE YOU DIG
 UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA

DESIGN GROUP
 4649 Brockton Avenue
 Riverside, CA 92506
 (909) 369-0700
 Fax: (909) 369-4039
 e-mail: comworks@pe.net
 http://www.pe.net/comworks

REGISTERED LANDSCAPE ARCHITECT
 STATE OF CALIFORNIA

PREPARED UNDER THE DIRECTION OF
TIMOTHY I. MALONEY
 REGISTERED LANDSCAPE ARCHITECT, RLA 2110
 EXPIRATION DATE 10/31/04
 SCALE: 1"=20'
 DATE: 6/24/03

CITY OF RIVERSIDE
 3900 MAIN STREET
 RIVERSIDE, CA 92522

MARK REVISIONS APPR. DATE
 DESIGNED BY TY DRAWN BY KCK CHECKED BY TY

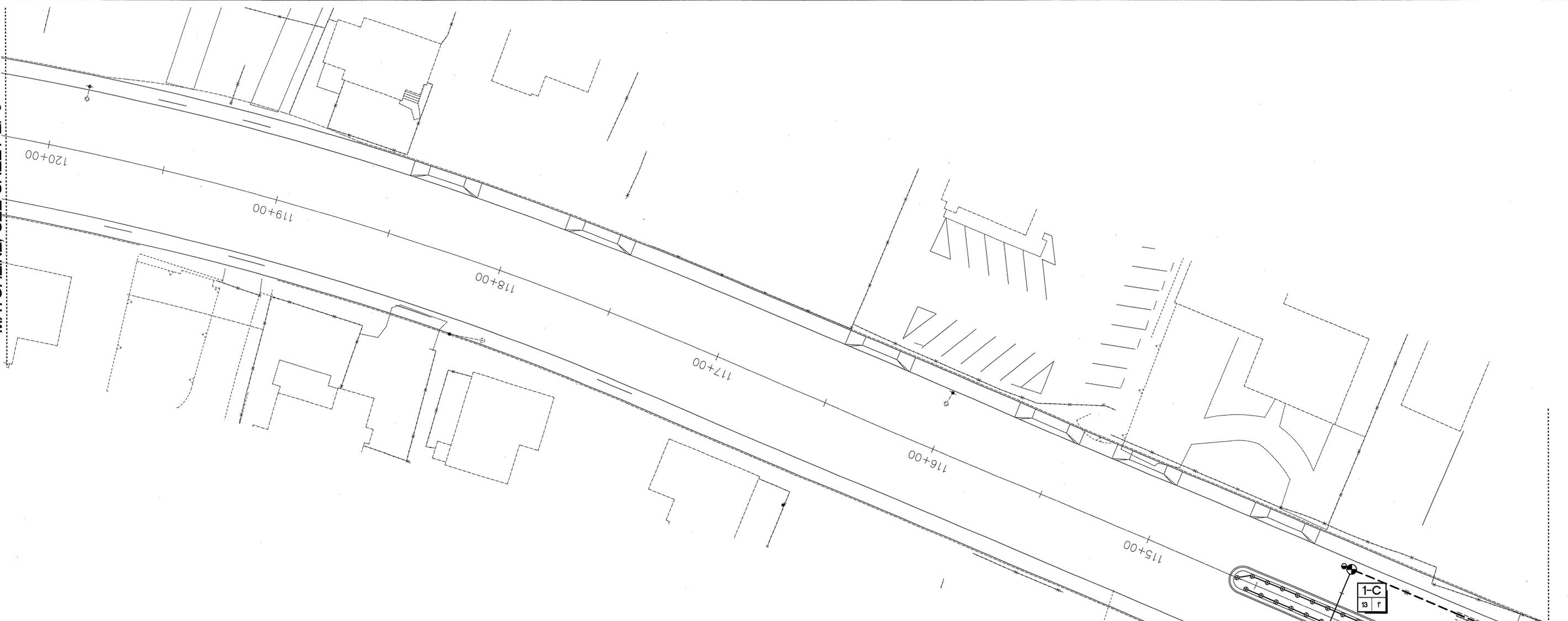
CITY OF RIVERSIDE, CALIFORNIA
 PUBLIC WORKS DEPARTMENT
 APPROVED BY [Signature] DATE 10-02-03
 PARK DEPARTMENT

TYLER STREET MEDIANS
 LANDSCAPE PLANS
 IRRIGATION PLAN

PROJECT NO. 011048
LI-5
 SHEET 6 OF 27
 FILE NO. R-3575-L

MATCHLINE SEE SHEET LI-5

MATCHLINE SEE SHEET LI-7



EQUIPMENT LEGEND				
SYMBOL	MANUFACTURER/MODEL #	SIZE	DETAIL	NOTES
[M]	IRRIGATION WATER METER	1"	N/A	(3)
[C]	IRRITROL MC PLUS AUTOMATIC CONTROLLER IN A STRONG BOX SB-18CR ENCLOSURE	SEE NOTE	'A', 'B' & 'C' U-13	(3)
[F]	FEBCO 825Y REDUCED PRESSURE BACKFLOW W/ 1 1/4" BRONZE WYE STRAINER INA STRONG BOX BC-45CY VANDAL RESISTANT ENCLOSURE	1 1/4"	'F', U-13	(3)
[V]	GRISWOLD 2260 NORMALLY OPEN PRESSURE REDUCING MASTER VALVE	1 1/2"	'A', U-11	(4,7)
[X]	NIBCO T-585 BRONZE BALL VALVE	1 1/2"	'D', U-13	(4)
[C]	RAINBIRD #44LRC SERIES QUICK COUPLING VALVE	1"	'E', U-13	(4)
[C]	RAINBIRD PEB SERIES ELECTRIC CONTROL VALVE	PLAN SIZE	'G', U-13	(4)
[---]	SCH. 40 IRRIGATION MAINLINE (18" MIN. COVER)	PLAN SIZE	'I', U-13	(2)
[---]	CLASS 200 PVC NON-PRESSURE BURIED LATERAL LINE - 12" MIN. COVER	PLAN SIZE	'I', U-13	-
[=====]	SCH 40 PVC IRRIGATION PIPE / WIRE SLEEVE - 24" MIN. COVER	SEE CHART	'J', U-13	(5,6)
[NOT SHOWN]	UF RATED CONTROL WIRE, 12 GA COMMON, 14 GA PILOT	12/14 GA	'H', U-13	-

- (1) SEE SHEET LP-26 FOR IRRIGATION NOTES.
- (2) IRRIGATION LINE LAYOUT IS DIAGRAMATIC ONLY. MAINLINE IS TO BE LOCATED AT A CONSTANT DIMENSION OF 24" FROM THE BACK EDGE OF THE BOMANITE ON THE EASTERLY SIDE OF THE MEDIANS.
- (3) IRRIGATION METER TO BE INSTALLED BY CITY OF RIVERSIDE WATER DIVISION. CONTRACTOR TO COORDINATE WITH PUBLIC UTILITIES FOR PLACEMENT OF METER, BACKFLOW, SLEEVES AND POWER FOR CONTROLLER.
- (4) PROVIDE A MINIMUM 3" SEPERATION BETWEEN ALL VALVE BOXES INCLUDING RCV'S, OCV'S BALL VALVES, ETC.
- (5) ALL IRRIGATION LINES AND CONTROL WIRE BENEATH PAVEMENT SHALL BE INSTALLED IN SCH. 40 PVC SLEEVES. CONTROL WIRE SHALL BE SEPARATELY SLEEVED FROM ALL LINES.
- (6) ALL SLEEVE SHALL BE INSTALLED IN STRAIGHT RUNS WITH NO BENDS, CURVES OR OTHER CHANGES IN DIRECTION.
- (7) PRESSURE IS TO BE REGULATED AS INDICATED FOR EACH POC.

STATION # / CONTROLLER	
FLOW (GPM)	VALVE SIZE

PIPE SIZING CHART		SCH 40 PVC SLEEVING CHART	
3/4" PIPE	1 1/4" SLEEVE	1-4 WIRES	1/2" PIPE
1" PIPE	1 1/2" SLEEVE	5-10 WIRES	3/4" PIPE
1 1/4" PIPE	2" SLEEVE	11-20 WIRES	1" PIPE
1 1/2" PIPE	2 1/2" SLEEVE	21-30 WIRES	1 1/4" PIPE
2" PIPE	3" SLEEVE	31-40 WIRES	1 1/2" PIPE
2 1/2" PIPE	4" SLEEVE	41-60 WIRES	2" PIPE
3" PIPE	6" SLEEVE	61-99 WIRES	2 1/2"/3" PIPE
4" PIPE	8" SLEEVE	100+ WIRES	4" PIPE
6" PIPE	10" SLEEVE	N/A	6" PIPE
8" PIPE			

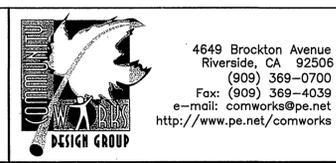
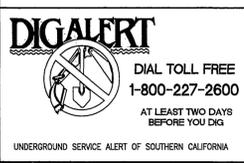
SPRINKLER LEGEND												
SYMBOL	MANUFACTURER/MODEL #	NOZZLE	RAD.	PSI	FLOW (GPM)						DETAIL	NOTES
					Q	T	H	F	Van			
TURF POP-UP SPRAY HEADS												
[Symbol]	RAINBIRD 1804-SAM-PRS-5	Q/H	5'-6'	30	0.10	-	0.20	-	-	-	'K', U-13	
[Symbol]	RAINBIRD 1804-SAM-PRS-8	Q/H	7'-8'	30	0.26	-	0.52	-	-	-	'K', U-13	
[Symbol]	RAINBIRD 1804-SAM-PRS-10	H	9'-10'	30	-	-	0.79	-	-	-	'K', U-13	
[Symbol]	RAINBIRD 1804-SAM-PRS-12	H	11'-12'	30	-	-	1.30	-	-	-	'K', U-13	
[Symbol]	RAINBIRD 1804-SAM-PRS-15	H	13'-15'	30	-	-	1.85	-	-	-	'K', U-13	
SLOPE ROTOR HEADS												
[Symbol]	RAINBIRD T-12-PC-T22-XX	2.0	21'	25	0.9	-	1.9	-	-	-	'A', U-10	
[Symbol]	RAINBIRD T-12-PC-T30-XX	1.3/2.5/5.0	29'	25	1.2	-	2.2	-	-	-	'A', U-10	
BUBBLER HEADS												
[Symbol]	PEPCO QB2-96 QB ² BUBBLER	RED	N/A	30	-	-	-	-	10	-	'L', U-13	(1,2)

- (1) BUBBLER FLOWS ARE GIVEN IN GPH.
- (2) BUBBLER SYSTEMS ARE DESIGNED FOR POSSIBLE FUTURE CONVERSION TO CONVENTIONAL 0.25 GPM FLOOD BUBBLER HEADS.

PRESSURE LOSS CALCULATIONS	
STATION: 1-C	FLOW: 13 GPM
LOSS THRU 1" WATER METER	1.00 PSI
LOSS THRU 1 1/4" BACKFLOW	10.00 PSI
LOSS THRU 1 1/2" MASTER VALVE	1.00 PSI
LOSS THRU 1670' OF 1 1/2" MAIN	8.02 PSI
LOSS THRU 6 GATE VALVES	6.00 PSI
LOSS THRU 1" RCV VALVE	2.00 PSI
LOSS THRU LATERAL LINES	0.38 PSI
ELEVATION GAIN / LOSS	0.00 PSI
MISC. LOSS THRU FITTINGS (10%)	2.84 PSI
TOTAL SYSTEM LOSSES	31.24 PSI
PRESSURE REQUIRED AT HEAD	30.00 PSI
REGULATED STATIC PRESSURE	103.00 PSI
REGULATED PRESSURE	77.00 PSI
RESIDUAL PRESSURE	15.76 PSI

CONTROLLER NOTE:
 CONTROLLER 'A' TO BE 24 STATION MODEL
 CONTROLLER 'B' TO BE 4 STATION MODEL
 CONTROLLER 'C' TO BE 8 STATION MODEL
 CONTROLLER 'D' TO BE 4 STATION MODEL

NOTE TO CONTRACTOR:
 CONTRACTOR IS TO PROVIDE THE SERVICE ADDRESS FOR EACH NEW WATER METER SERVICE AS A PART OF THE "AS-BUILT" INFORMATION FOR THE PROJECT.



PREPARED UNDER THE DIRECTION OF
TIMOTHY I. MALONEY
 REGISTERED LANDSCAPE ARCHITECT, RLA 2110
 EXPIRATION DATE 10/31/04
 SCALE: 1"=20' NORTH: [Compass Rose]
 DATE: 6/24/03 BENCHMARK: [Symbol]

CITY OF RIVERSIDE
 3900 MAIN STREET
 RIVERSIDE, CA 92522

MARK	REVISIONS	APPR. DATE

DESIGNED BY TY DRAWN BY KKK CHECKED BY TY

CITY OF RIVERSIDE, CALIFORNIA
 PUBLIC WORKS DEPARTMENT

APPROVED BY: [Signature] DATE: 6/24/03
 PARK DEPARTMENT

TYLER STREET MEDIANS
 LANDSCAPE PLANS
 IRRIGATION PLAN

PROJECT NO. 011048
LI-6
 SHEET 7 OF 27
 FILE NO. R-3575-L

INDEXED 5-24-04 4th

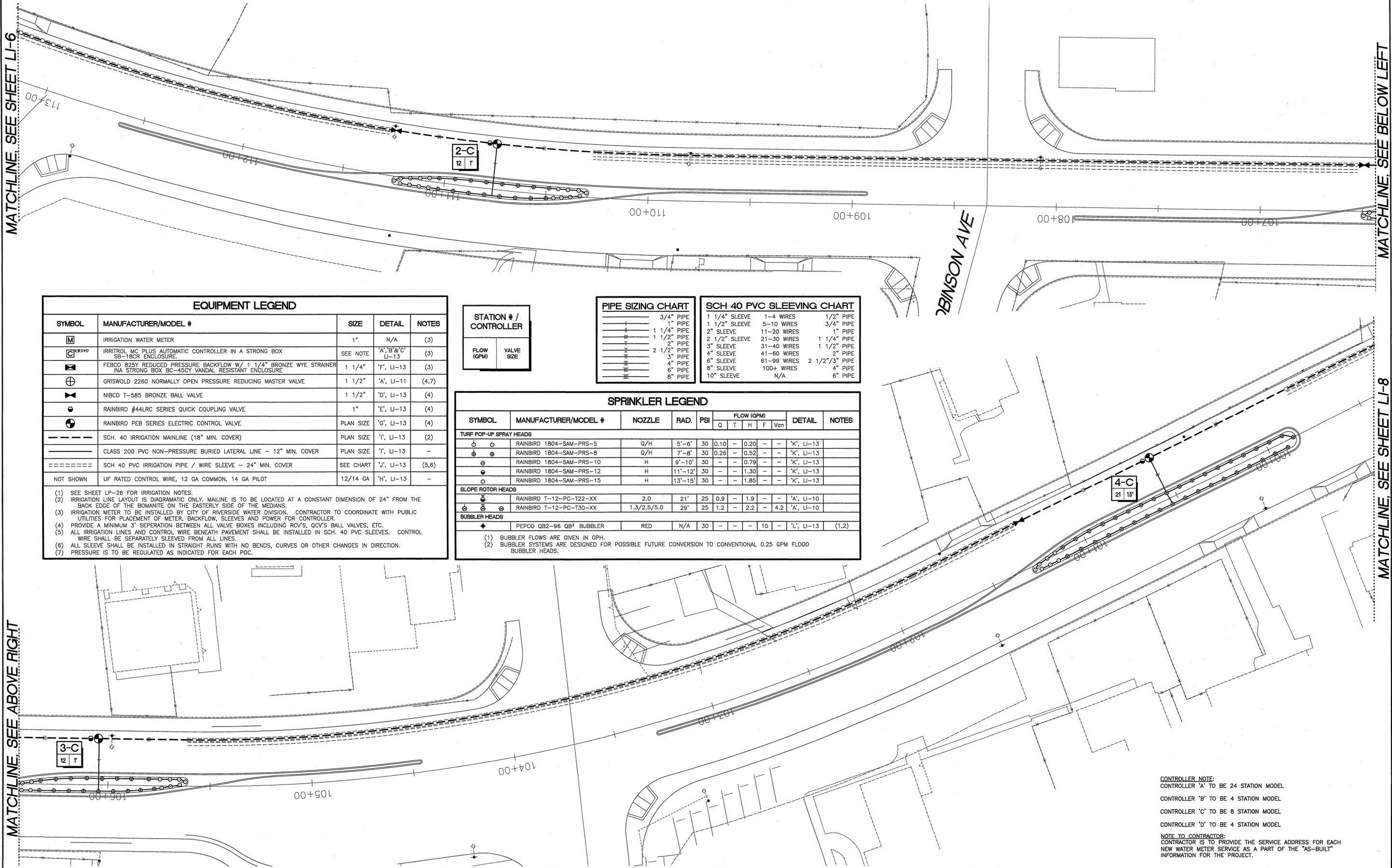
PC-4381-M/R

MATCHLINE SEE SHEET LI-6

MATCHLINE SEE BELOW LEFT

MATCHLINE SEE SHEET LI-8

MATCHLINE SEE ABOVE RIGHT



EQUIPMENT LEGEND				
SYMBOL	MANUFACTURER/MODEL #	SIZE	DETAIL	NOTES
M	IRRIGATION WATER METER	1"	N/A	(3)
C	IRRITROL MC PLUS AUTOMATIC CONTROLLER IN A STRONG BOX SB-18CR ENCLOSURE	SEE NOTE	'A', 'B' & 'C' LI-13	(3)
F	FEBCO B25Y REDUCED PRESSURE BACKFLOW W/ 1 1/4" BRONZE WYE STRAINER IN A STRONG BOX BC-45CY VANDAL RESISTANT ENCLOSURE	1 1/4"	'F', LI-13	(3)
G	GRISWOLD 2260 NORMALLY OPEN PRESSURE REDUCING MASTER VALVE	1 1/2"	'A', LI-11	(4,7)
B	NIBCO T-585 BRONZE BALL VALVE	1 1/2"	'D', LI-13	(4)
R	RAINBIRD #44LRC SERIES QUICK COUPLING VALVE	1"	'E', LI-13	(4)
E	RAINBIRD PEB SERIES ELECTRIC CONTROL VALVE	PLAN SIZE	'G', LI-13	(4)
S	SCH. 40 IRRIGATION MAINLINE (18" MIN. COVER)	PLAN SIZE	'I', LI-13	(2)
L	CLASS 200 PVC NON-PRESSURE BURIED LATERAL LINE - 12" MIN. COVER	PLAN SIZE	'I', LI-13	-
P	SCH 40 PVC IRRIGATION PIPE / WIRE SLEEVE - 24" MIN. COVER	SEE CHART	'J', LI-13	(5,6)
W	NOT SHOWN UF RATED CONTROL WIRE, 12 GA COMMON, 14 GA PILOT	12/14 GA	'H', LI-13	-

(1) SEE SHEET LP-26 FOR IRRIGATION NOTES.
 (2) IRRIGATION LINE LAYOUT IS DIAGRAMATIC ONLY. MAINLINE IS TO BE LOCATED AT A CONSTANT DIMENSION OF 24" FROM THE BACK EDGE OF THE BOMANITE ON THE EASTERLY SIDE OF THE MEDIANS.
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 (4) PROVIDE A MINIMUM 3" SEPERATION BETWEEN ALL VALVE BOXES INCLUDING ROV'S, QCV'S BALL VALVES, ETC.
 (5) ALL IRRIGATION LINES AND CONTROL WIRE BENEATH PAVEMENT SHALL BE INSTALLED IN SCH. 40 PVC SLEEVES. CONTROL WIRE SHALL BE SEPARATELY SLEEVED FROM ALL LINES.
 (6) ALL SLEEVE SHALL BE INSTALLED IN STRAIGHT RUNS WITH NO BENDS, CURVES OR OTHER CHANGES IN DIRECTION.
 (7) PRESSURE IS TO BE REGULATED AS INDICATED FOR EACH POC.

STATION # / CONTROLLER		FLOW (GPM)		VALVE SIZE	

PIPE SIZING CHART	
1/4" PIPE	
1/2" PIPE	
3/4" PIPE	
1" PIPE	
1 1/4" PIPE	
1 1/2" PIPE	
2" PIPE	
2 1/2" PIPE	
3" PIPE	
4" PIPE	
6" PIPE	
8" PIPE	

SCH 40 PVC SLEEVING CHART		
1 1/4" SLEEVE	1-4 WIRES	1/2" PIPE
1 1/2" SLEEVE	5-10 WIRES	3/4" PIPE
2" SLEEVE	11-20 WIRES	1" PIPE
2 1/2" SLEEVE	21-30 WIRES	1 1/4" PIPE
3" SLEEVE	31-40 WIRES	1 1/2" PIPE
4" SLEEVE	41-60 WIRES	2" PIPE
6" SLEEVE	61-99 WIRES	2 1/2" PIPE
8" SLEEVE	100+ WIRES	4" PIPE
10" SLEEVE	N/A	6" PIPE

SPRINKLER LEGEND											
SYMBOL	MANUFACTURER/MODEL #	NOZZLE	RAD.	PSI	FLOW (GPM)					DETAIL	NOTES
					Q	T	H	F	V _{on}		
TURF POP-UP SPRAY HEADS											
○	RAINBIRD 1804-SAM-PRS-5	Q/H	5'-6"	30	0.10	-	0.20	-	-	-	'K', LI-13
⊕	RAINBIRD 1804-SAM-PRS-8	Q/H	7'-8"	30	0.26	-	0.52	-	-	-	'K', LI-13
⊙	RAINBIRD 1804-SAM-PRS-10	H	9'-10'	30	-	-	0.79	-	-	-	'K', LI-13
⊚	RAINBIRD 1804-SAM-PRS-12	H	11'-12'	30	-	-	1.30	-	-	-	'K', LI-13
⊛	RAINBIRD 1804-SAM-PRS-15	H	13'-15'	30	-	-	1.85	-	-	-	'K', LI-13
SLOPE ROTOR HEADS											
⊖	RAINBIRD T-12-PC-T22-XX		2.0	21'	25	0.9	-	1.9	-	-	'A', LI-10
⊗	RAINBIRD T-12-PC-T30-XX		1.3/2.5/5.0	29'	25	1.2	-	2.2	-	4.2	'A', LI-10
BUBBLER HEADS											
⊕	PEPCO QB2-96 QB ² BUBBLER	RED	N/A	30	-	-	-	-	10	-	'L', LI-13 (1,2)

(1) BUBBLER FLOWS ARE GIVEN IN GPH.
 (2) BUBBLER SYSTEMS ARE DESIGNED FOR POSSIBLE FUTURE CONVERSION TO CONVENTIONAL 0.25 GPM FLOOD BUBBLER HEADS.

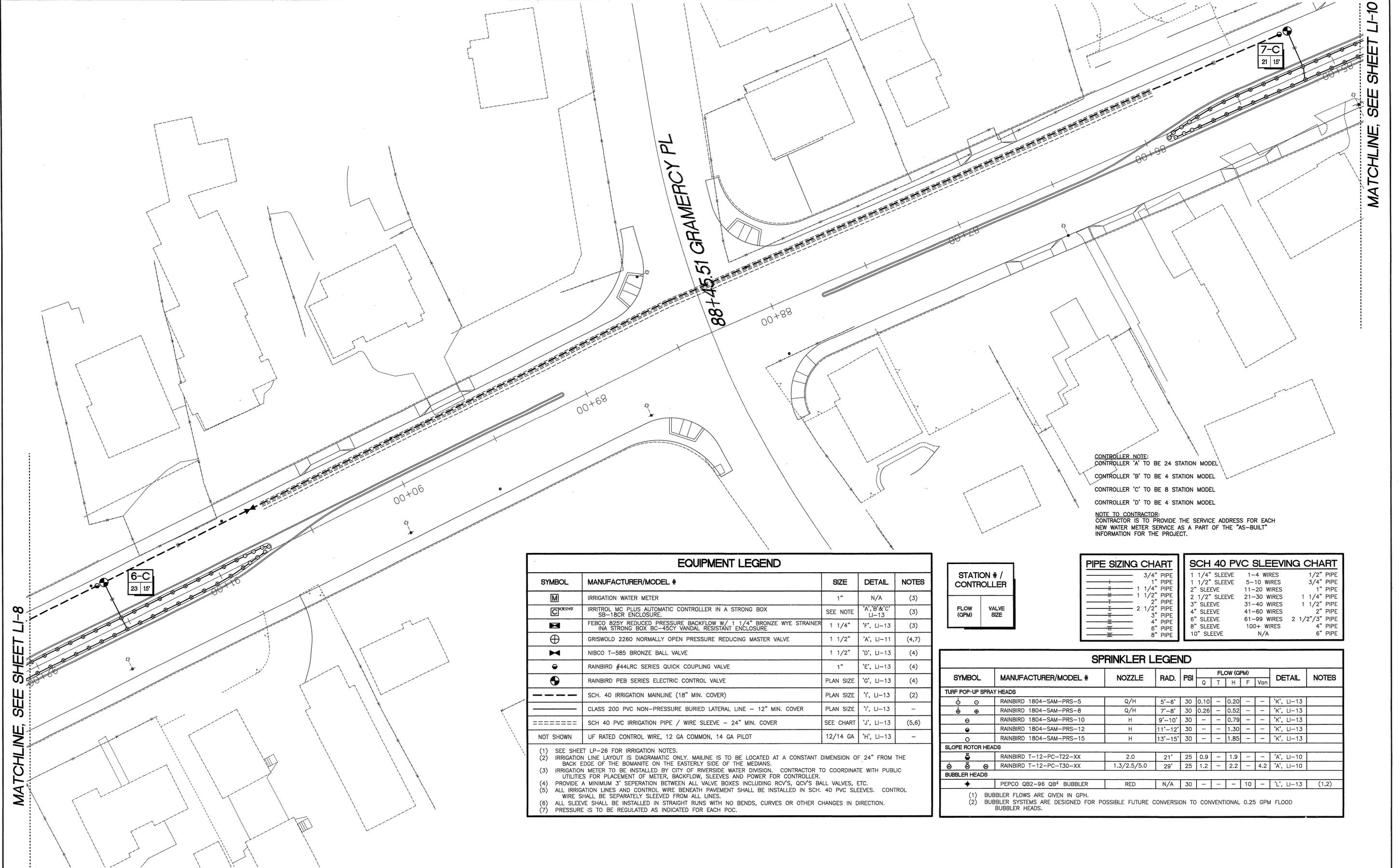
CONTROLLER NOTE:
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 CONTROLLER 'B' TO BE 4 STATION MODEL
 CONTROLLER 'C' TO BE 8 STATION MODEL
 CONTROLLER 'D' TO BE 4 STATION MODEL

NOTE TO CONTRACTOR:
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<p>DIAL TOLL FREE 1-800-227-2600 AT LEAST TWO DAYS BEFORE YOU DIG UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA</p>	<p>4649 Brockton Avenue Riverside, CA 92506 (909) 369-0700 Fax: (909) 369-4039 e-mail: comworks@pe.net http://www.pe.net/comworks</p>	<p>PREPARED UNDER THE DIRECTION OF TIMOTHY I. MALONEY REGISTERED LANDSCAPE ARCHITECT, RLA 2110 EXPIRATION DATE 10/31/04</p>	<p>CITY OF RIVERSIDE 3900 MAIN STREET RIVERSIDE, CA 92522</p>	<p>CITY OF RIVERSIDE, CALIFORNIA PUBLIC WORKS DEPARTMENT</p>	<p>TYLER STREET MEDIANS LANDSCAPE PLANS IRRIGATION PLAN</p>	<p>PROJECT NO. 011048 LI-7 SHEET 8 OF 27 FILE NO. R-3575-L</p>

INDEXED 5-24-04 Lfd

PC-4881-W/R



MATCHLINE, SEE SHEET LI-8

MATCHLINE, SEE SHEET LI-10

CONTROLLER NOTE:
 CONTROLLER 'A' TO BE 24 STATION MODEL
 CONTROLLER 'B' TO BE 4 STATION MODEL
 CONTROLLER 'C' TO BE 8 STATION MODEL
 CONTROLLER 'D' TO BE 4 STATION MODEL

NOTE TO CONTRACTOR:
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EQUIPMENT LEGEND					
SYMBOL	MANUFACTURER/MODEL #	SIZE	DETAIL	NOTES	
	IRRIGATION WATER METER	1"	N/A	(3)	
	IRRITROL MC PLUS AUTOMATIC CONTROLLER IN A STRONG BOX SB-18CR ENCLOSURE	SEE NOTE	'A', 'B' & 'C' LI-13	(3)	
	FEBCO 825Y REDUCED PRESSURE BACKFLOW W/ 1 1/4" BRONZE WYE STRAINER IN A STRONG BOX BC-45CY VANDAL RESISTANT ENCLOSURE	1 1/4"	'F', LI-13	(3)	
	GRISWOLD 2260 NORMALLY OPEN PRESSURE REDUCING MASTER VALVE	1 1/2"	'A', LI-11	(4,7)	
	NIBCO T-585 BRONZE BALL VALVE	1 1/2"	'D', LI-13	(4)	
	RAINBIRD #44LRC SERIES QUICK COUPLING VALVE	1"	'E', LI-13	(4)	
	RAINBIRD PEB SERIES ELECTRIC CONTROL VALVE	PLAN SIZE	'G', LI-13	(4)	
	SCH. 40 IRRIGATION MAINLINE (18" MIN. COVER)	PLAN SIZE	'I', LI-13	(2)	
	CLASS 200 PVC NON-PRESSURE BURIED LATERAL LINE - 12" MIN. COVER	PLAN SIZE	'I', LI-13	-	
	SCH 40 PVC IRRIGATION PIPE / WIRE SLEEVE - 24" MIN. COVER	SEE CHART	'J', LI-13	(5,6)	
	NOT SHOWN	UF RATED CONTROL WIRE, 12 GA COMMON, 14 GA PILOT	12/14 GA	'H', LI-13	-

(1) SEE SHEET LP-26 FOR IRRIGATION NOTES.
 (2) IRRIGATION LINE LAYOUT IS DIAGRAMATIC ONLY. MAINLINE IS TO BE LOCATED AT A CONSTANT DIMENSION OF 24" FROM THE BACK EDGE OF THE BOMANITE ON THE EASTERLY SIDE OF THE MEDIANS.
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 (7) PRESSURE IS TO BE REGULATED AS INDICATED FOR EACH POC.

STATION # / CONTROLLER	
FLOW (GPM)	VALVE SIZE

PIPE SIZING CHART	
---	3/4" PIPE
---	1" PIPE
---	1 1/4" PIPE
---	1 1/2" PIPE
---	2" PIPE
---	2 1/2" PIPE
---	3" PIPE
---	4" PIPE
---	6" PIPE
---	8" PIPE

SCH 40 PVC SLEEVING CHART		
1 1/4" SLEEVE	1-4 WIRES	1/2" PIPE
1 1/2" SLEEVE	5-10 WIRES	3/4" PIPE
2" SLEEVE	11-20 WIRES	1" PIPE
2 1/2" SLEEVE	21-30 WIRES	1 1/4" PIPE
3" SLEEVE	31-40 WIRES	1 1/2" PIPE
4" SLEEVE	41-60 WIRES	2" PIPE
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8" SLEEVE	100+ WIRES	4" PIPE
10" SLEEVE	N/A	6" PIPE

SPRINKLER LEGEND											
SYMBOL	MANUFACTURER/MODEL #	NOZZLE	RAD.	PSI	FLOW (GPM)					DETAIL	NOTES
					Q	T	H	F	Var		
TURF POP-UP SPRAY HEADS											
	RAINBIRD 1804-SAM-PRS-5	Q/H	5'-6"	30	0.10	-	0.20	-	-	-	'K', LI-13
	RAINBIRD 1804-SAM-PRS-8	Q/H	7'-8"	30	0.26	-	0.52	-	-	-	'K', LI-13
	RAINBIRD 1804-SAM-PRS-10	H	9'-10"	30	-	-	0.79	-	-	-	'K', LI-13
	RAINBIRD 1804-SAM-PRS-12	H	11'-12"	30	-	-	1.30	-	-	-	'K', LI-13
	RAINBIRD 1804-SAM-PRS-15	H	13'-15"	30	-	-	1.85	-	-	-	'K', LI-13
SLOPE ROTOR HEADS											
	RAINBIRD T-12-PC-T22-XX		2.0	21'	25	0.9	-	1.9	-	-	'A', LI-10
	RAINBIRD T-12-PC-T30-XX		1.3/2.5/5.0	29'	25	1.2	-	2.2	-	-	4.2 'A', LI-10
BUBBLER HEADS											
	PEPCO QB2-96 QB2 BUBBLER	RED	N/A	30	-	-	-	-	10	-	'L', LI-13 (1,2)

(1) BUBBLER FLOWS ARE GIVEN IN GPH.
 (2) BUBBLER SYSTEMS ARE DESIGNED FOR POSSIBLE FUTURE CONVERSION TO CONVENTIONAL 0.25 GPM FLOOD BUBBLER HEADS.

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 UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA

4649 Brockton Avenue
 Riverside, CA 92506
 (909) 369-0700
 Fax: (909) 369-4039
 e-mail: comworks@pa.net
 http://www.pa.net/comworks



PREPARED UNDER THE DIRECTION OF
TIMOTHY I. MALONEY
 REGISTERED LANDSCAPE ARCHITECT, RLA 2110
 EXPIRATION DATE 10/31/04
 SCALE: 1"=20'
 DATE: 6/24/03

CITY OF RIVERSIDE
 3900 MAIN STREET
 RIVERSIDE, CA 92522

BENCHMARK

MARK	REVISIONS	APPR.	DATE

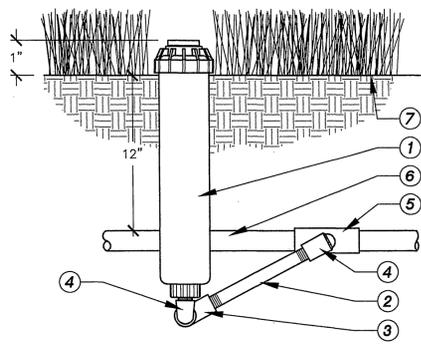
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CITY OF RIVERSIDE, CALIFORNIA
 PUBLIC WORKS DEPARTMENT

APPROVED BY: *[Signature]*
 DATE: 10/02/03

TYLER STREET MEDIANS
 LANDSCAPE PLAN
 IRRIGATION PLAN

PROJECT NO. 011048
LI-9
 SHEET 10 OF 27
 FILE NO. R-3575-L



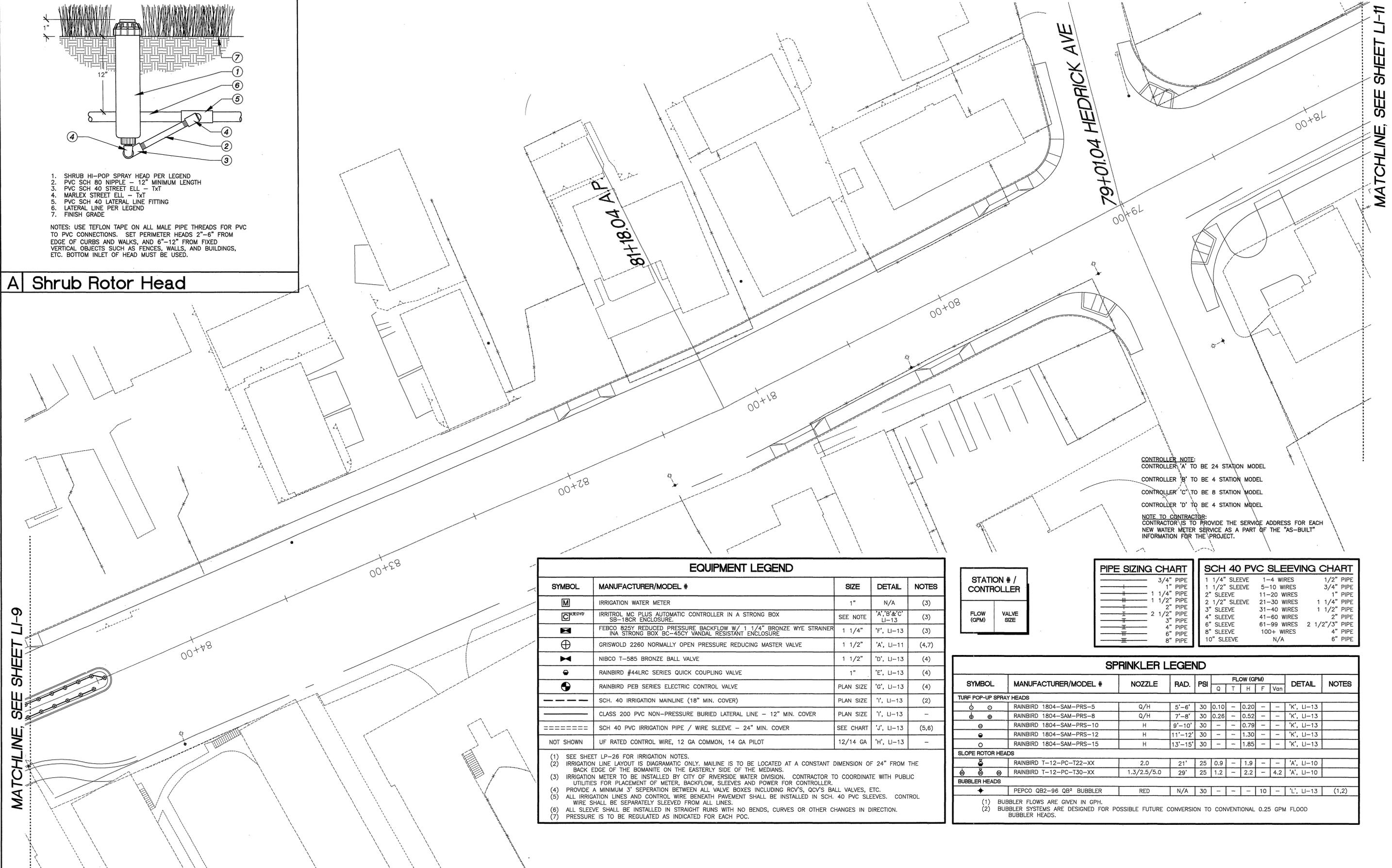
1. SHRUB HI-POP SPRAY HEAD PER LEGEND
2. PVC SCH 80 NIPPLE - 12" MINIMUM LENGTH
3. PVC SCH 40 STREET ELL - TXT
4. MARLEX STREET ELL - TXT
5. PVC SCH 40 LATERAL LINE FITTING
6. LATERAL LINE PER LEGEND
7. FINISH GRADE

NOTES: USE TEFLON TAPE ON ALL MALE PIPE THREADS FOR PVC TO PVC CONNECTIONS. SET PERIMETER HEADS 2"-6" FROM EDGE OF CURBS AND WALKS, AND 6"-12" FROM FIXED VERTICAL OBJECTS SUCH AS FENCES, WALLS, AND BUILDINGS, ETC. BOTTOM INLET OF HEAD MUST BE USED.

A Shrub Rotor Head

MATCHLINE, SEE SHEET LI-9

MATCHLINE, SEE SHEET LI-11



CONTROLLER NOTE:
 CONTROLLER 'A' TO BE 24 STATION MODEL
 CONTROLLER 'B' TO BE 4 STATION MODEL
 CONTROLLER 'C' TO BE 8 STATION MODEL
 CONTROLLER 'D' TO BE 4 STATION MODEL

NOTE TO CONTRACTOR:
 CONTRACTOR IS TO PROVIDE THE SERVICE ADDRESS FOR EACH NEW WATER METER SERVICE AS A PART OF THE "AS-BUILT" INFORMATION FOR THE PROJECT.

EQUIPMENT LEGEND

SYMBOL	MANUFACTURER/MODEL #	SIZE	DETAIL	NOTES
	IRRIGATION WATER METER	1"	N/A	(3)
	IRRITROL MC PLUS AUTOMATIC CONTROLLER IN A STRONG BOX SB-18CR ENCLOSURE	SEE NOTE	'A', 'B' & 'C' U-13	(3)
	FEBCO 825Y REDUCED PRESSURE BACKFLOW W/ 1 1/4" BRONZE WYE STRAINER IN A STRONG BOX BC-45CY VANDAL RESISTANT ENCLOSURE	1 1/4"	'F', U-13	(3)
	GRISWOLD 2260 NORMALLY OPEN PRESSURE REDUCING MASTER VALVE	1 1/2"	'A', U-11	(4,7)
	NIBCO T-585 BRONZE BALL VALVE	1 1/2"	'D', U-13	(4)
	RAINBIRD #44LRC SERIES QUICK COUPLING VALVE	1"	'E', U-13	(4)
	RAINBIRD PEB SERIES ELECTRIC CONTROL VALVE	PLAN SIZE	'G', U-13	(4)
	SCH. 40 IRRIGATION MAINLINE (18" MIN. COVER)	PLAN SIZE	'I', U-13	(2)
	CLASS 200 PVC NON-PRESSURE BURIED LATERAL LINE - 12" MIN. COVER	PLAN SIZE	'I', U-13	-
	SCH 40 PVC IRRIGATION PIPE / WIRE SLEEVE - 24" MIN. COVER	SEE CHART	'J', U-13	(5,6)
	UF RATED CONTROL WIRE, 12 GA COMMON, 14 GA PILOT	12/14 GA	'H', U-13	-

(1) SEE SHEET LP-26 FOR IRRIGATION NOTES.
 (2) IRRIGATION LINE LAYOUT IS DIAGRAMATIC ONLY. MAINLINE IS TO BE LOCATED AT A CONSTANT DIMENSION OF 24" FROM THE BACK EDGE OF THE BOMANITE ON THE EASTERLY SIDE OF THE MEDIANS.
 (3) IRRIGATION METER TO BE INSTALLED BY CITY OF RIVERSIDE WATER DIVISION. CONTRACTOR TO COORDINATE WITH PUBLIC UTILITIES FOR PLACEMENT OF METER, BACKFLOW, SLEEVES AND POWER FOR CONTROLLER.
 (4) PROVIDE A MINIMUM 3" SEPERATION BETWEEN ALL VALVE BOXES INCLUDING RCV'S, QCV'S BALL VALVES, ETC.
 (5) ALL IRRIGATION LINES AND CONTROL WIRE BENEATH PAVEMENT SHALL BE INSTALLED IN SCH. 40 PVC SLEEVES. CONTROL WIRE SHALL BE SEPARATELY SLEEVED FROM ALL LINES.
 (6) ALL SLEEVE SHALL BE INSTALLED IN STRAIGHT RUNS WITH NO BENDS, CURVES OR OTHER CHANGES IN DIRECTION.
 (7) PRESSURE IS TO BE REGULATED AS INDICATED FOR EACH POC.

STATION # / CONTROLLER	
FLOW (GPM)	VALVE SIZE

PIPE SIZING CHART

3/4" PIPE
1" PIPE
1 1/4" PIPE
1 1/2" PIPE
2" PIPE
2 1/2" PIPE
3" PIPE
4" PIPE
6" PIPE
8" PIPE

SCH 40 PVC SLEEVING CHART

1 1/4" SLEEVE	1-4 WIRES	1/2" PIPE
1 1/2" SLEEVE	5-10 WIRES	3/4" PIPE
2" SLEEVE	11-20 WIRES	1" PIPE
2 1/2" SLEEVE	21-30 WIRES	1 1/4" PIPE
3" SLEEVE	31-40 WIRES	1 1/2" PIPE
4" SLEEVE	41-60 WIRES	2" PIPE
6" SLEEVE	61-99 WIRES	2 1/2"/3" PIPE
8" SLEEVE	100+ WIRES	4" PIPE
10" SLEEVE	N/A	6" PIPE

SPRINKLER LEGEND

SYMBOL	MANUFACTURER/MODEL #	NOZZLE	RAD.	PSI	FLOW (GPM)					DETAIL	NOTES
					Q	T	H	F	Vgn		
TURF POP-UP SPRAY HEADS											
	RAINBIRD 1804-SAM-PRS-5	Q/H	5'-8"	30	0.10	-	0.20	-	-	-	'K', U-13
	RAINBIRD 1804-SAM-PRS-8	Q/H	7'-8"	30	0.26	-	0.52	-	-	-	'K', U-13
	RAINBIRD 1804-SAM-PRS-10	H	9'-10"	30	-	-	0.79	-	-	-	'K', U-13
	RAINBIRD 1804-SAM-PRS-12	H	11'-12"	30	-	-	1.30	-	-	-	'K', U-13
	RAINBIRD 1804-SAM-PRS-15	H	13'-15"	30	-	-	1.85	-	-	-	'K', U-13
SLOPE ROTOR HEADS											
	RAINBIRD T-12-PC-T22-XX	2.0	21'	25	0.9	-	1.9	-	-	-	'A', U-10
	RAINBIRD T-12-PC-T30-XX	1.3/2.5/5.0	29'	25	1.2	-	2.2	-	-	-	'A', U-10
BUBBLER HEADS											
	PEPCO QB2-96 QB ² BUBBLER	RED	N/A	30	-	-	-	-	10	-	'L', U-13 (1,2)

(1) BUBBLER FLOWS ARE GIVEN IN GPH.
 (2) BUBBLER SYSTEMS ARE DESIGNED FOR POSSIBLE FUTURE CONVERSION TO CONVENTIONAL 0.25 GPM FLOOD BUBBLER HEADS.

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DESIGN GROUP

REGISTERED LANDSCAPE ARCHITECT
 DATE OF CALIFORNIA

PREPARED UNDER THE DIRECTION OF
TIMOTHY I. MALONEY
 REGISTERED LANDSCAPE ARCHITECT, RLA 2110
 EXPIRATION DATE 10/31/04

SCALE: 1"=20'
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MARK REVISIONS APPR. DATE

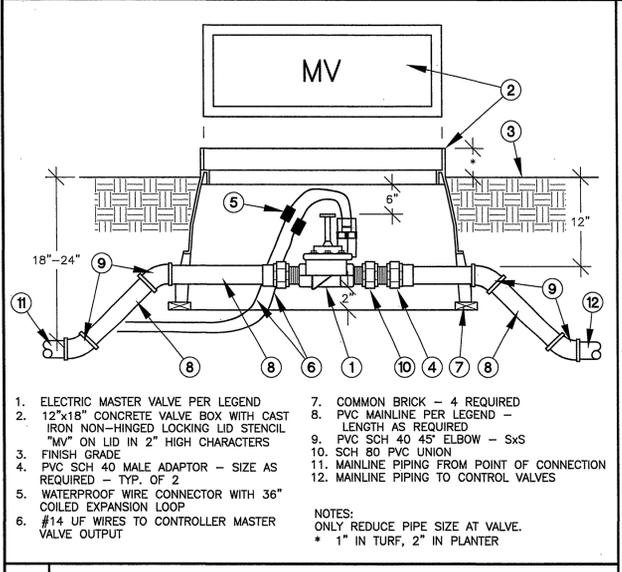
DESIGNED BY TY DRAWN BY KCK CHECKED BY TY

CITY OF RIVERSIDE, CALIFORNIA
 PUBLIC WORKS DEPARTMENT

APPROVED BY [Signature] DATE 10-22-03

TYLER STREET MEDIANS
 LANDSCAPE PLANS
 IRRIGATION PLAN

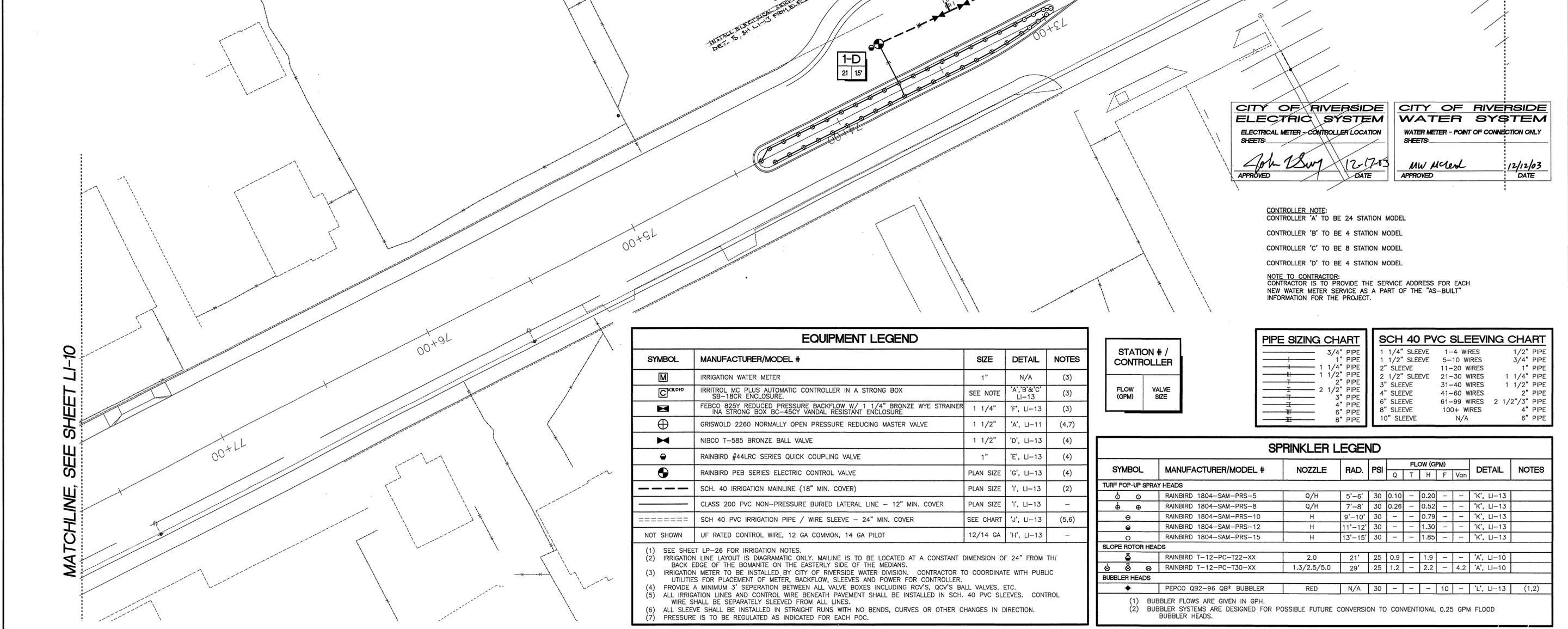
PROJECT NO. 011048
LI-10
 SHEET 11 OF 27
 FILE NO. R-3575-L



A Master Valve

1. ELECTRIC MASTER VALVE PER LEGEND
 2. 12"x18" CONCRETE VALVE BOX WITH CAST IRON NON-HINGED LOCKING LID STENCIL "MV" ON LID IN 2" HIGH CHARACTERS
 3. FINISH GRADE
 4. PVC SCH 40 MALE ADAPTOR - SIZE AS REQUIRED - TYP. OF 2
 5. WATERPROOF WIRE CONNECTOR WITH 36" COILED EXPANSION LOOP
 6. #14 UF WIRES TO CONTROLLER MASTER VALVE OUTPUT
 7. COMMON BRICK - 4 REQUIRED
 8. PVC MAINLINE PER LEGEND LENGTH AS REQUIRED
 9. PVC SCH 40 45° ELBOW - SxS
 10. SCH 80 PVC UNION
 11. MAINLINE PIPING FROM POINT OF CONNECTION
 12. MAINLINE PIPING TO CONTROL VALVES
- NOTES:
 ONLY REDUCE PIPE SIZE AT VALVE.
 * 1" IN TURF, 2" IN PLANTER

P.O.C. INFORMATION	
METER SIZE	1"
WATER TYPE	POTABLE
STATIC PRESSURE	117 PSI
AVAILABLE PRESSURE	117 PSI
MIN REQUIRED PRESSURE	61 PSI
PEAK DEMAND	23 GPM
DATE INFO OBTAINED	11/29/01
SOURCE AT CRWD	BRIAN
SERVICE ADDRESS:	
METER NUMBER:	



CITY OF RIVERSIDE ELECTRIC SYSTEM ELECTRICAL METER - CONTROLLER LOCATION SHEETS <i>John Brown</i> APPROVED DATE 12-17-03	CITY OF RIVERSIDE WATER SYSTEM WATER METER - POINT OF CONNECTION ONLY SHEETS <i>MW McLeod</i> APPROVED DATE 12/12/03
--	--

CONTROLLER NOTE:
 CONTROLLER 'A' TO BE 24 STATION MODEL
 CONTROLLER 'B' TO BE 4 STATION MODEL
 CONTROLLER 'C' TO BE 8 STATION MODEL
 CONTROLLER 'D' TO BE 4 STATION MODEL

NOTE TO CONTRACTOR:
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EQUIPMENT LEGEND				
SYMBOL	MANUFACTURER/MODEL #	SIZE	DETAIL	NOTES
[M]	IRRIGATION WATER METER	1"	N/A	(3)
[C]	IRRITROL MC PLUS AUTOMATIC CONTROLLER IN A STRONG BOX SB-18CR ENCLOSURE	SEE NOTE	'A', 'B' & 'C' U-13	(3)
[F]	PEPCO 825Y REDUCED PRESSURE BACKFLOW W/ 1 1/4" BRONZE WYE STRAINER IN A STRONG BOX BC-45CY VANDAL RESISTANT ENCLOSURE	1 1/4"	'F', U-13	(3)
[V]	GRISWOLD 2260 NORMALLY OPEN PRESSURE REDUCING MASTER VALVE	1 1/2"	'A', U-11	(4,7)
[B]	NIBCO T-585 BRONZE BALL VALVE	1 1/2"	'D', U-13	(4)
[C]	RAINBIRD #44LRC SERIES QUICK COUPLING VALVE	1"	'E', U-13	(4)
[C]	RAINBIRD PEB SERIES ELECTRIC CONTROL VALVE	PLAN SIZE	'G', U-13	(4)
[L]	SCH. 40 IRRIGATION MAINLINE (18" MIN. COVER)	PLAN SIZE	'I', U-13	(2)
[L]	CLASS 200 PVC NON-PRESSURE BURIED LATERAL LINE - 12" MIN. COVER	PLAN SIZE	'I', U-13	-
[L]	SCH 40 PVC IRRIGATION PIPE / WIRE SLEEVE - 24" MIN. COVER	SEE CHART	'J', U-13	(5,6)
[W]	NOT SHOWN UF RATED CONTROL WIRE, 12 GA COMMON, 14 GA PILOT	12/14 GA	'H', U-13	-

STATION # / CONTROLLER	
FLOW (GPM)	VALVE SIZE

PIPE SIZING CHART		SCH 40 PVC SLEEVING CHART	
3/4" PIPE	1 1/4" SLEEVE	1-4 WIRES	1/2" PIPE
1" PIPE	1 1/2" SLEEVE	5-10 WIRES	3/4" PIPE
1 1/4" PIPE	2" SLEEVE	11-20 WIRES	1" PIPE
1 1/2" PIPE	2 1/2" SLEEVE	21-30 WIRES	1 1/4" PIPE
2" PIPE	3" SLEEVE	31-40 WIRES	1 1/2" PIPE
2 1/2" PIPE	4" SLEEVE	41-60 WIRES	2" PIPE
3" PIPE	6" SLEEVE	61-99 WIRES	2 1/2" PIPE
4" PIPE	8" SLEEVE	100+ WIRES	4" PIPE
6" PIPE	10" SLEEVE	N/A	6" PIPE

SPRINKLER LEGEND											
SYMBOL	MANUFACTURER/MODEL #	NOZZLE	RAD.	PSI	FLOW (GPM)					DETAIL	NOTES
					Q	T	H	F	Van		
TURF POP-UP SPRAY HEADS											
[S]	RAINBIRD 1804-SAM-PRS-5	Q/H	5'-6"	30	0.10	-	0.20	-	-	'K', U-13	
[S]	RAINBIRD 1804-SAM-PRS-8	Q/H	7'-8"	30	0.26	-	0.52	-	-	'K', U-13	
[S]	RAINBIRD 1804-SAM-PRS-10	H	9'-10"	30	-	-	0.79	-	-	'K', U-13	
[S]	RAINBIRD 1804-SAM-PRS-12	H	11'-12"	30	-	-	1.30	-	-	'K', U-13	
[S]	RAINBIRD 1804-SAM-PRS-15	H	13'-15"	30	-	-	1.85	-	-	'K', U-13	
SLOPE ROTOR HEADS											
[R]	RAINBIRD T-12-PC-T22-XX	2.0	21'	25	0.9	-	1.9	-	-	'A', U-10	
[R]	RAINBIRD T-12-PC-T30-XX	1.3/2.5/5.0	29'	25	1.2	-	2.2	-	4.2	'A', U-10	
BUBBLER HEADS											
[B]	PEPCO QB2-96 QB ² BUBBLER	RED	N/A	30	-	-	-	-	10	'L', U-13	(1,2)

(1) BUBBLER FLOWS ARE GIVEN IN GPH.
 (2) BUBBLER SYSTEMS ARE DESIGNED FOR POSSIBLE FUTURE CONVERSION TO CONVENTIONAL 0.25 GPM FLOOD BUBBLER HEADS.

- (1) SEE SHEET LP-26 FOR IRRIGATION NOTES.
- (2) IRRIGATION LINE LAYOUT IS DIAGRAMATIC ONLY. MAINLINE IS TO BE LOCATED AT A CONSTANT DIMENSION OF 24" FROM THE BACK EDGE OF THE BOMANITE ON THE EASTERLY SIDE OF THE MEDIANS.
- (3) IRRIGATION METER TO BE INSTALLED BY CITY OF RIVERSIDE WATER DIVISION. CONTRACTOR TO COORDINATE WITH PUBLIC UTILITIES FOR PLACEMENT OF METER, BACKFLOW, SLEEVES AND POWER FOR CONTROLLER.
- (4) PROVIDE A MINIMUM 3' SEPERATION BETWEEN ALL VALVE BOXES INCLUDING RCV'S, QCV'S BALL VALVES, ETC.
- (5) ALL IRRIGATION LINES AND CONTROL WIRE BENEATH PAVEMENT SHALL BE INSTALLED IN SCH. 40 PVC SLEEVES. CONTROL WIRE SHALL BE SEPARATELY SLEEVED FROM ALL LINES.
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<p>DIAL TOLL FREE 1-800-227-2600</p> <p>AT LEAST TWO DAYS BEFORE YOU DIG</p> <p>UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA</p>	<p>4649 Brockton Avenue Riverside, CA 92506 (909) 369-0700 Fax: (909) 369-4039 e-mail: comworks@pe.net http://www.pe.net/comworks</p>	<p>PREPARED UNDER THE DIRECTION OF TIMOTHY I. MALONEY REGISTERED LANDSCAPE ARCHITECT, RLA 2110 EXPIRATION DATE 10/31/04</p>	<p>CITY OF RIVERSIDE 3900 MAIN STREET RIVERSIDE, CA 92522</p>	<p>CITY OF RIVERSIDE, CALIFORNIA PUBLIC WORKS DEPARTMENT</p>	<p>TYLER STREET MEDIANS LANDSCAPE PLANS</p> <p>IRRIGATION PLAN</p>	<p>PROJECT NO. 011048</p> <p>LI-11</p> <p>SHEET 12 OF 27</p> <p>FILE NO. R-3575-L</p>

PRESSURE LOSS CALCULATIONS
STATION: 2-D FLOW: 21 GPM

LOSS THRU 1" WATER METER	2.40 PSI
LOSS THRU 1 1/4" BACKFLOW	8.50 PSI
LOSS THRU 1 1/2" MASTER VALVE	1.00 PSI
LOSS THRU 660' OF 1 1/2" MAIN	8.45 PSI
LOSS THRU 2 GATE VALVES	2.00 PSI
LOSS THRU 1 1/2" RCV VALVE	4.00 PSI
LOSS THRU LATERAL LINES	1.29 PSI
ELEVATION GAIN / LOSS	0.00 PSI
MISC. LOSS THRU FITTINGS (10%)	2.78 PSI
TOTAL SYSTEM LOSSES	30.40 PSI
PRESSURE REQUIRED AT HEAD	30.00 PSI
REGULATED STATIC PRESSURE	0.00 PSI
REGULATED PRESSURE	76.00 PSI
RESIDUAL PRESSURE	15.60 PSI

2-D
21 15'

STA. 66+50 LIMIT OF WORK

CONTROLLER NOTE:
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 CONTROLLER 'B' TO BE 4 STATION MODEL
 CONTROLLER 'C' TO BE 8 STATION MODEL
 CONTROLLER 'D' TO BE 4 STATION MODEL

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EQUIPMENT LEGEND

SYMBOL	MANUFACTURER/MODEL #	SIZE	DETAIL	NOTES
M	IRRIGATION WATER METER	1"	N/A	(3)
□	IRRITROL MC PLUS AUTOMATIC CONTROLLER IN A STRONG BOX SB-18CR ENCLOSURE	SEE NOTE	'A', 'B' & 'C' LI-13	(3)
⊕	FEBCO 825Y REDUCED PRESSURE BACKFLOW W/ 1 1/4" BRONZE WYE STRAINER IN A STRONG BOX BC-45CY VANDAL RESISTANT ENCLOSURE	1 1/4"	'F', LI-13	(3)
⊕	GRISWOLD 2260 NORMALLY OPEN PRESSURE REDUCING MASTER VALVE	1 1/2"	'A', LI-11	(4,7)
⊕	NIBCO T-585 BRONZE BALL VALVE	1 1/2"	'D', LI-13	(4)
⊕	RAINBIRD #44LRC SERIES QUICK COUPLING VALVE	1"	'E', LI-13	(4)
⊕	RAINBIRD PEB SERIES ELECTRIC CONTROL VALVE	PLAN SIZE	'G', LI-13	(4)
---	SCH. 40 IRRIGATION MAINLINE (18" MIN. COVER)	PLAN SIZE	'I', LI-13	(2)
---	CLASS 200 PVC NON-PRESSURE BURIED LATERAL LINE - 12" MIN. COVER	PLAN SIZE	'I', LI-13	-
=====	SCH 40 PVC IRRIGATION PIPE / WIRE SLEEVE - 24" MIN. COVER	SEE CHART	'J', LI-13	(5,6)
---	NOT SHOWN	UF RATED CONTROL WIRE, 12 GA COMMON, 14 GA PILOT	12/14 GA	'H', LI-13 -

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STATION # / CONTROLLER

FLOW (GPM)	VALVE SIZE
------------	------------

PIPE SIZING CHART		SCH 40 PVC SLEEVING CHART	
3/4" PIPE	1 1/4" SLEEVE	1-4 WIRES	1/2" PIPE
1" PIPE	1 1/2" SLEEVE	5-10 WIRES	3/4" PIPE
1 1/4" PIPE	2" SLEEVE	11-20 WIRES	1" PIPE
1 1/2" PIPE	2 1/2" SLEEVE	21-30 WIRES	1 1/4" PIPE
2" PIPE	3" SLEEVE	31-40 WIRES	1 1/2" PIPE
2 1/2" PIPE	4" SLEEVE	41-60 WIRES	2" PIPE
3" PIPE	6" SLEEVE	61-99 WIRES	2 1/2"/3" PIPE
4" PIPE	8" SLEEVE	100+ WIRES	4" PIPE
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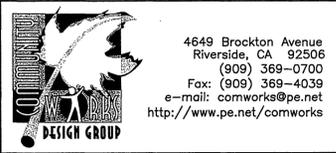
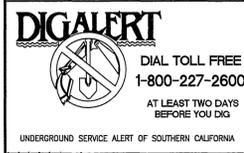
SPRINKLER LEGEND

SYMBOL	MANUFACTURER/MODEL #	NOZZLE	RAD.	PSI	FLOW (GPM)					DETAIL	NOTES
					Q	T	H	F	Van		
TURF POP-UP SPRAY HEADS											
⊕	RAINBIRD 1804-SAM-PRS-5	Q/H	5'-6"	30	0.10	-	0.20	-	-	-	'K', LI-13
⊕	RAINBIRD 1804-SAM-PRS-8	Q/H	7'-8"	30	0.26	-	0.52	-	-	-	'K', LI-13
⊕	RAINBIRD 1804-SAM-PRS-10	H	9'-10"	30	-	-	0.79	-	-	-	'K', LI-13
⊕	RAINBIRD 1804-SAM-PRS-12	H	11'-12"	30	-	-	1.30	-	-	-	'K', LI-13
⊕	RAINBIRD 1804-SAM-PRS-15	H	13'-15"	30	-	-	1.85	-	-	-	'K', LI-13
SLOPE ROTOR HEADS											
⊕	RAINBIRD T-12-PC-T22-XX	2.0	21'	25	0.9	-	1.9	-	-	-	'A', LI-10
⊕	RAINBIRD T-12-PC-T30-XX	1.3/2.5/5.0	29'	25	1.2	-	2.2	-	-	-	'A', LI-10
BUBBLER HEADS											
⊕	PEPCO QB2-96 QB ² BUBBLER	RED	N/A	30	-	-	-	-	10	-	'L', LI-13 (1,2)

(1) BUBBLER FLOWS ARE GIVEN IN GPH.
 (2) BUBBLER SYSTEMS ARE DESIGNED FOR POSSIBLE FUTURE CONVERSION TO CONVENTIONAL 0.25 GPM FLOOD BUBBLER HEADS.

MATCHLINE SEE SHEET LI-10

70+46.99 WELLS AVE



PREPARED UNDER THE DIRECTION OF
TIMOTHY I. MALONEY
 REGISTERED LANDSCAPE ARCHITECT, RLA 2110
 EXPIRATION DATE 10/31/04

SCALE: 1"=20' NORTH:

DATE: 6/24/03

CITY OF RIVERSIDE
3900 MAIN STREET
RIVERSIDE, CA 92522

BENCHMARK

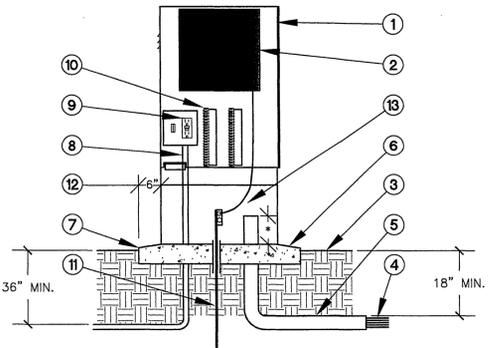
MARK	REVISIONS	APPR.	DATE
DESIGNED BY	TY	DRAWN BY	KGK
CHECKED BY	TY		

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

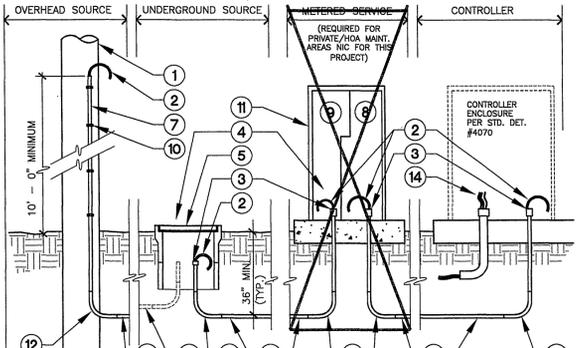
APPROVED BY:
 DATE: 10.02.03

TYLER STREET
MEDIANS
LANDSCAPE PLANS
IRRIGATION PLAN

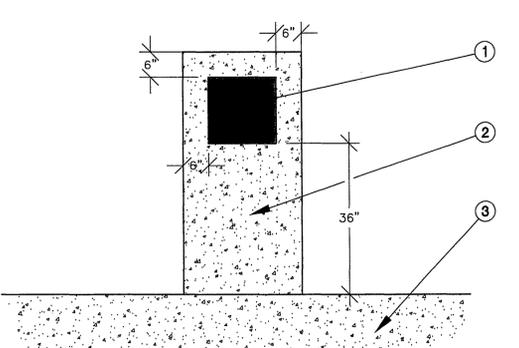
PROJECT NO. 011048
LI-12
 SHEET 13 OF 27
 FILE NO. R-3575-L



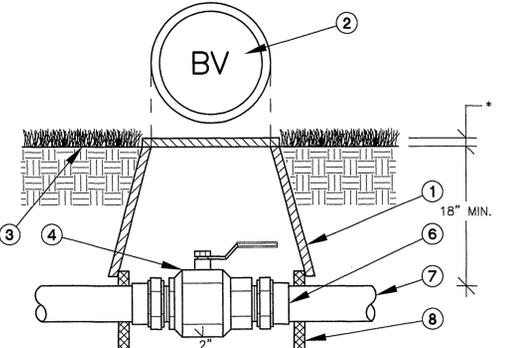
1. CONTROLLER ENCLOSURE PER LEGEND AND/OR NOTES
 2. AUTOMATIC CONTROLLER PER LEGEND
 3. FINISH GRADE
 4. DIRECT BURIAL CONTROL WIRES TO VALVES
 5. 3" PVC SWEEP ELL - EXTEND BEYOND EDGE OF BASE
 6. 6" THICK POURED CONCRETE BASE PER DETAIL 'C', THIS SHEET
 7. SLOPE EDGE OF BASE 1% TO DRAIN AWAY FROM ENCLOSURE
 8. 120V AC POWER IN CONDUIT
 9. 120V 15 AMP. BREAKER WITH CONVENIENCE OUTLET IN SQUARE D SINGLE BREAKER BOX MODEL Q02-4L70S OR EQUAL.
 10. TERMINAL STRIPS FOR CONTROL WIRES
 11. 5/16" x 8" MIN. LENGTH COPPER GROUNDING ROD W/ PVC SLEEVE THRU CONC. BASE - DRIVE PRIOR TO INSTALLING ENCLOSURE
 12. EXTEND EDGE OF BASE 6" BEYOND EDGE OF ENCLOSURE
 13. GROUND CONTROLLER PER MANUFACTURER
- NOTE: SEE DETAIL 'C' FOR TYPICAL ENCLOSURE PAD DETAIL.
- * EXTEND 4" ABOVE TOP OF BASE



1. COORDINATE W/ UTILITIES-ELECTRIC (909/826-5393) FOR RISER LOCATION ON POLE.
 2. 2-#12 CU THW WIRES. CONTRACTOR TO PROVIDE SUFFICIENT WIRE LENGTH BEYOND END OF CONDUIT TO REACH OVERHEAD SECONDARY LINES FOR OVERHEAD SERVICE AND TO PROVIDE 2 FEET OF WIRE BEYOND CONDUIT END AT USG BOX & 4 FEET OF WIRE AT METER AND CONTROLLER. ID NEUTRAL.
 3. PROVIDE INSULATING BUSHING, TERMINATE CONDUIT PER UTILITIES SPECS. USG-311.
 4. P.U. ELECTRIC WILL MAKE SERVICE CONNECTIONS IN USE BOX FOR NON-METERED SERVICE, AND WILL MAKE CONNECTIONS AT USG BOX AND SERVICE SIDE OF METER FOR METERED SERVICES.
 5. ELECTRIC SERVICE BOX, SIZE PER PUBLIC UTILITIES STANDARDS.
 6. SERVICE CONDUIT PER CITY STDS. USE 2" AT METERED SRVC, USE 1" AT NON-METERED SRVC, DB BELOW GRADE, HDG ABOVE GRADE, HDG WRAPPED SWEEPS.
 7. LINE SIZE HDG CONDUIT WITH 2-#12 CU THW WIRES, PER UTILITIES STANDARDS. ID NEUTRAL.
 8. CONDUIT SERVICE.
 9. MINIMUM 3 PIPE STRAPS.
 10. MINIMUM 3" PIPE STRAPS.
 11. MINIMUM 3" PIPE STRAPS.
 12. LINE SIZE WRAPPED HDG SWEEP ELL, MIN. 9" RAD. (TYP.)
 13. EXISTING SERVICE CONDUIT.
 14. LOW VOLTAGE IRRIGATION CONTROL WIRE & CONDUIT PER PAR STD. SPECS.
- NOT TO SCALE

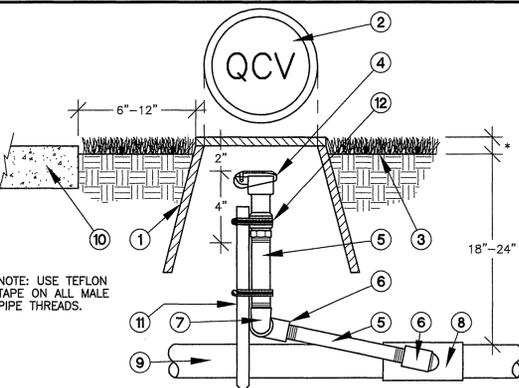


1. CONTROLLER ENCLOSURE PER LEGEND / NOTES
 2. 6" THICK CONCRETE "ACCESS" PAD
 3. EQUESTRIAN TRAIL
- NOTES:
CONTROLLER ENCLOSURE TO HAVE A MINIMUM 6" CONCRETE EXTENDING BEYOND THE EDGES, SLOPE CONCRETE TO DRAIN AWAY FROM ENCLOSURE. FRONT OF ENCLOSURE TO BE 36" FROM BACK OF TRAIL. FINAL CONTROLLER LOCATION TO BE DETERMINED IN THE FIELD BY THE PARK PROJECTS INSPECTOR.



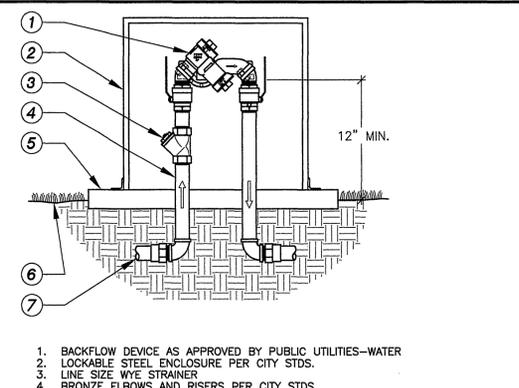
1. ROUND CONCRETE VALVE BOX W/ CAST IRON NON-HINGED LOCKING LID. SIZE BOX TO ALLOW FULL RANGE OF MOTION FOR VALVE HANDLE.
 2. STENCIL "BV" ON LID IN 2" HIGH CHARACTERS
 3. FINISH GRADE
 4. BALL VALVE PER IRRIGATION PLAN
 5. COMMON BRICK - 4 REQUIRED
 6. SCH 40 PVC MALE ADAPTER - 2 REQUIRED
 7. MAINLINE PIPING PER IRRIGATION PLAN
 8. VALVE BOX EXTENSION(S) AS REQUIRED
- * 1" IN TURF AREAS AND 2" IN SHRUB AREAS
- NOTE: USE TEFLON TAPE ON ALL MALE PIPE THREADS.

A Controller



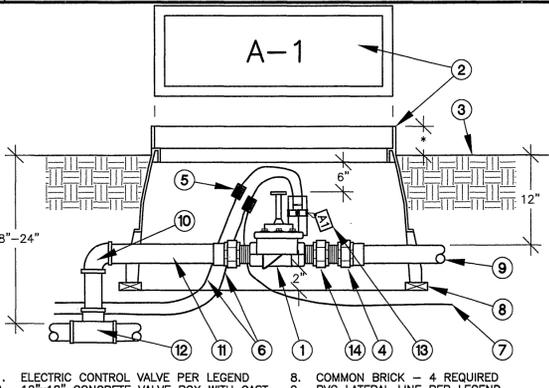
1. 10" ROUND CONCRETE VALVE BOX WITH NON-HINGED METAL LID IN TURF AREAS ONLY. TOP OF QCV TO BE 2" ABOVE GRADE IN SHRUB AREAS
 2. STENCIL "QCV" ON LID IN 2" HIGH CHARACTERS
 3. FINISH GRADE
 4. QUICK COUPLER PER LEGEND
 5. PVC SCH 80 NIPPLE LENGTH AS REQUIRED
 6. PVC SCH 40 STREET ELL T&T
 7. PVC SCH 40 ELL - T&T
 8. SCH 40 PVC MAINLINE FITTING
 9. PVC MAINLINE PIPING PER EQUIPMENT LEGEND
 10. WALK, CURB, OR WALL, ETC.
 11. 1" ANGLE IRON, 18" MINIMUM LENGTH SUPPORT STAKE
 12. STAINLESS STEEL CLAMP - 2
- * 1" IN TURF AREAS SHRUB AREAS ONLY, OMIT BOX AND INSTALL QCV 2" ABOVE FINISH GRADE.
- NOTE: USE TEFLON TAPE ON ALL MALE PIPE THREADS.

B Non-Metered Electrical Service



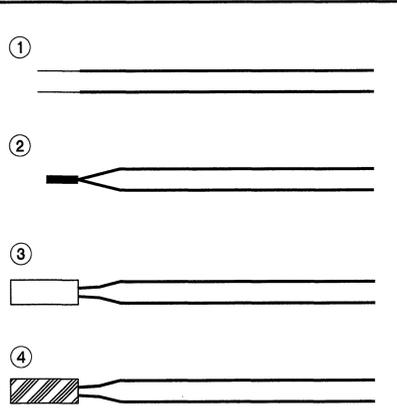
1. BACKFLOW DEVICE AS APPROVED BY PUBLIC UTILITIES-WATER
 2. LOCKABLE STEEL ENCLOSURE PER CITY STDS.
 3. LINE SIZE WYE STRAINER
 4. BRONZE ELBOWS AND RISERS PER CITY STDS.
 5. 4" THICK CONCRETE PAD PER CITY STDS.
 6. FINISH GRADE
 7. PVC MAINLINE WITH MALE ADAPTER
- NOTE:
INSTALL BACKFLOW PREVENTER DEVICE SQUARE WITH HARDSCAPE ELEMENTS AS APPROVED BY THE PARK PROJECTS INSPECTOR IN THE FIELD. COORDINATE WITH PUBLIC UTILITIES-WATER FOR LOCATION OF BACKFLOW AND WATER SERVICE. WHEREVER POSSIBLE, LOCATE SERVICE AND BACKFLOW IN THE PARKWAY AT MID-BLOCK A MINIMUM OF 100' FROM THE INTERSECTION PER CITY STANDARDS.

C Controller Pad



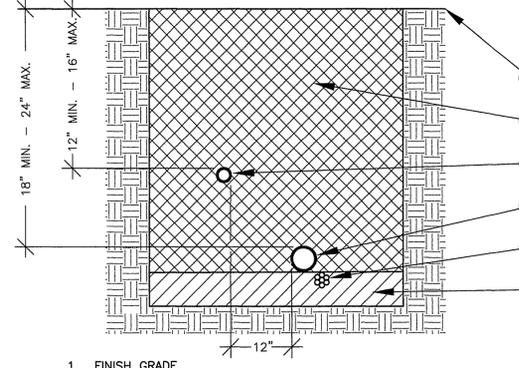
1. ELECTRIC CONTROL VALVE PER LEGEND
 2. 12"x18" CONCRETE VALVE BOX WITH CAST IRON NON-HINGED LOCKING LID STENCIL STATION # ON LID IN 2" HIGH CHARACTERS
 3. FINISH GRADE
 4. PVC SCH 40 MALE ADAPTOR - SIZE AS REQUIRED - TYP. OF 2
 5. WATERPROOF WIRE CONNECTOR WITH 36" COILED EXPANSION LOOP
 6. WIRES FROM CONTROLLER
 7. COMMON WIRE TO OTHER VALVES ON SAME CONTROLLER
 8. COMMON BRICK - 4 REQUIRED
 9. PVC LATERAL LINE PER LEGEND
 10. PVC SCH 40 ELL - S&S
 11. PVC MAINLINE PER LEGEND
 12. SCH 40 PVC MAINLINE FITTING
 13. "CHRISTY'S" I.D. TAG OR EQUAL
 14. SCH 80 PVC UNION
- NOTES:
TEE OFF MAINLINE TO BE SAME SIZE AS LATERAL LINE EXITING VALVE. ONLY REDUCE PIPE SIZE AT VALVE.
* 1" IN TURF, 2" IN PLANTER

D Ball Valve



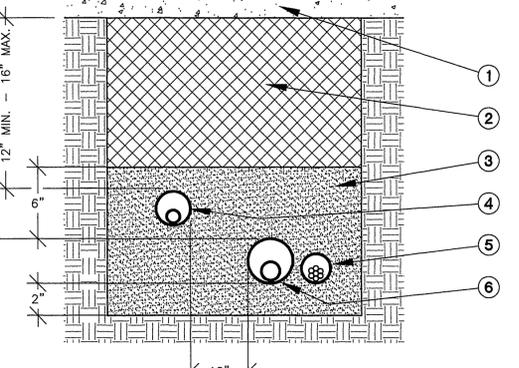
- ALL LOW VOLTAGE WIRE SPLICES SHALL BE MADE AS FOLLOWS:
1. STRIP WIRES APPROX. 5/8" FROM ENDS - TWIST TOGETHER.
 2. SOLDER WIRES TOGETHER.
 3. MINIMUM OF TWO LAYERS OF BLACK ELECTRICAL TAPE OVER WIRE ENDS.
 4. ENDS ARE TO BE SEALED WITH SCOTCH-COAT.
- NOTE:
SCOTCH-COAT, UNI-PACK, PENN-TITE, OR OTHER SIMILAR TYPE CONNECTORS ARE NOT ACCEPTABLE.

E Quick Coupler Valve



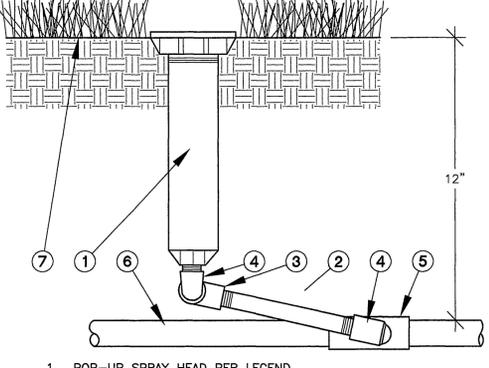
1. FINISH GRADE
 2. CLEAN BACKFILL - 90% COMPACTION REQUIRED - SEE SPECS
 3. NON-PRESSURE LATERAL LINE PER LEGEND
 4. PRESSURE SUPPLY LINE PER LEGEND
 5. CONTROL WIRES - INSTALL BELOW PRESSURE SUPPLY LINE
 6. PROVIDE 2" OF CLEAN SAND BELOW PRESSURE MAINLINE
- NOTES:
BUNDLE AND TAPE WIRES AT 12" O.C. PITTAIL AND LOOP CONTROL WIRES AT ALL 90 DEGREE CHANGES IN DIRECTION. SPLICING OF WIRE RUNS IS NOT ALLOWED UNLESS APPROVED BY THE CITY. INSTALL 1"x1"x1" THRU AT ALL CHANGES IN DIRECTION OF PRESSURE MAINLINE AND AT ALL TERMINAL POINTS OF MAINLINE.

F Backflow Prevention Device



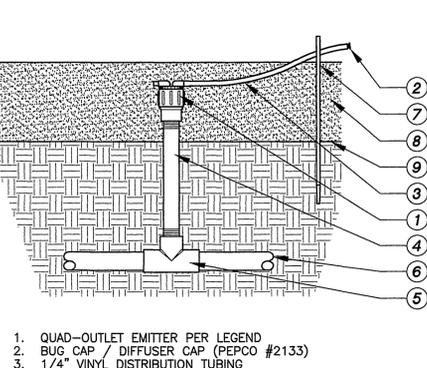
1. HARDSCAPE (TYPICAL)
 2. CLEAN BACKFILL - 90% COMPACTION REQUIRED - SEE SPECS
 3. SAND (TYPICAL)
 4. NON-PRESSURE LATERAL LINE / SLEEVE (SIZE PER CHART)
 5. CONTROL WIRE SLEEVE ADJACENT TO MAINLINE SLEEVE (SIZE PER CHART)
 6. PRESSURE SUPPLY LINE / SLEEVE (SIZE PER CHART)
- NOTES:
ALL SLEEVES TO BE SCH 40 PVC. SIZE ALL SLEEVES PER SLEEVING CHART ON PLANS. EXTEND SLEEVES 12" BEYOND EDGE OF HARDSCAPE ON BOTH ENDS. RECLAIMED WATER SLEEVES TO BE MINIMUM 42"-48" DEEP (OR PER WATER DISTRICT STANDARDS) WHERE APPLICABLE.

G Remote Control Electric Valve



1. POP-UP SPRAY HEAD PER LEGEND
 2. PVC SCH 80 NIPPLE - 12" MINIMUM LENGTH
 3. PVC SCH 40 STREET ELL - T&T
 4. MARLEX STREET ELL - T&T
 5. PVC SCH 40 LATERAL LINE FITTING
 6. LATERAL LINE PER EQUIPMENT LEGEND
 7. FINISH GRADE
- NOTES:
USE TEFLON TAPE ON ALL MALE PIPE THREADS FOR PVC TO PVC CONNECTIONS. SET PERIMETER HEADS 1"-2" FROM EDGE OF WALK, WALL, OR CURB, ETC. ALL FITTINGS FOR SWING JOINTS MUST BE SAME SIZE AS INLET ON BASE OF HEAD. LATERAL LINE FITTING OUTLET SHALL BE SAME SIZE AS HEAD INLET.

H Wire Connection



1. QUAD-OUTLET EMITTER PER LEGEND
 2. BUG CAP / DIFFUSER CAP (PEPCO #2133)
 3. 1/4" VINYL DISTRIBUTION TUBING
 4. PVC SCH 80 NIPPLE - LENGTH AS REQUIRED
 5. PVC SCH 40 LATERAL LINE FITTING
 6. PVC LATERAL LINE PER LEGEND
 7. 1/4" TUBING STAKE (PEPCO #PC06)
 8. MULCH BED - SEE PLANTING PLAN
 9. FINISH GRADE
- NOTES:
LATERALS SHALL BE FLUSHED CLEAN PRIOR TO EMITTER INSTALLATION. MAX. DISTRIBUTION TUBE LENGTH TO BE 20'. TUBING TO HAVE A MIN. 4" COVER. IF PLANT IS ON SLOPE, LOCATE TUBING ON UP-HILL SIDE OF PLANT.

I Trenching

J Sleeving

K Pop-Up Spray Head

L Pepco Bubbler Head

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Fax: (909) 369-4039
e-mail: comworks@pe.net
http://www.pe.net/comworks

REGISTERED LANDSCAPE ARCHITECT
STATE OF CALIFORNIA

PREPARED UNDER THE DIRECTION OF
TIMOTHY I. MALONEY
REGISTERED LANDSCAPE ARCHITECT, RLA 2110
EXPIRATION DATE 10/31/03

CITY OF RIVERSIDE
3900 MAIN STREET
RIVERSIDE, CA 92522

SCALE: N.T.S. NORTH: BENCHMARK

DATE: 6/24/03

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY: [Signature]
DATE: 6-24-03

DESIGNED BY: TY DRAWN BY: KCK CHECKED BY: TY

TYLER STREET
MEDIANS
RIVERSIDE, CA

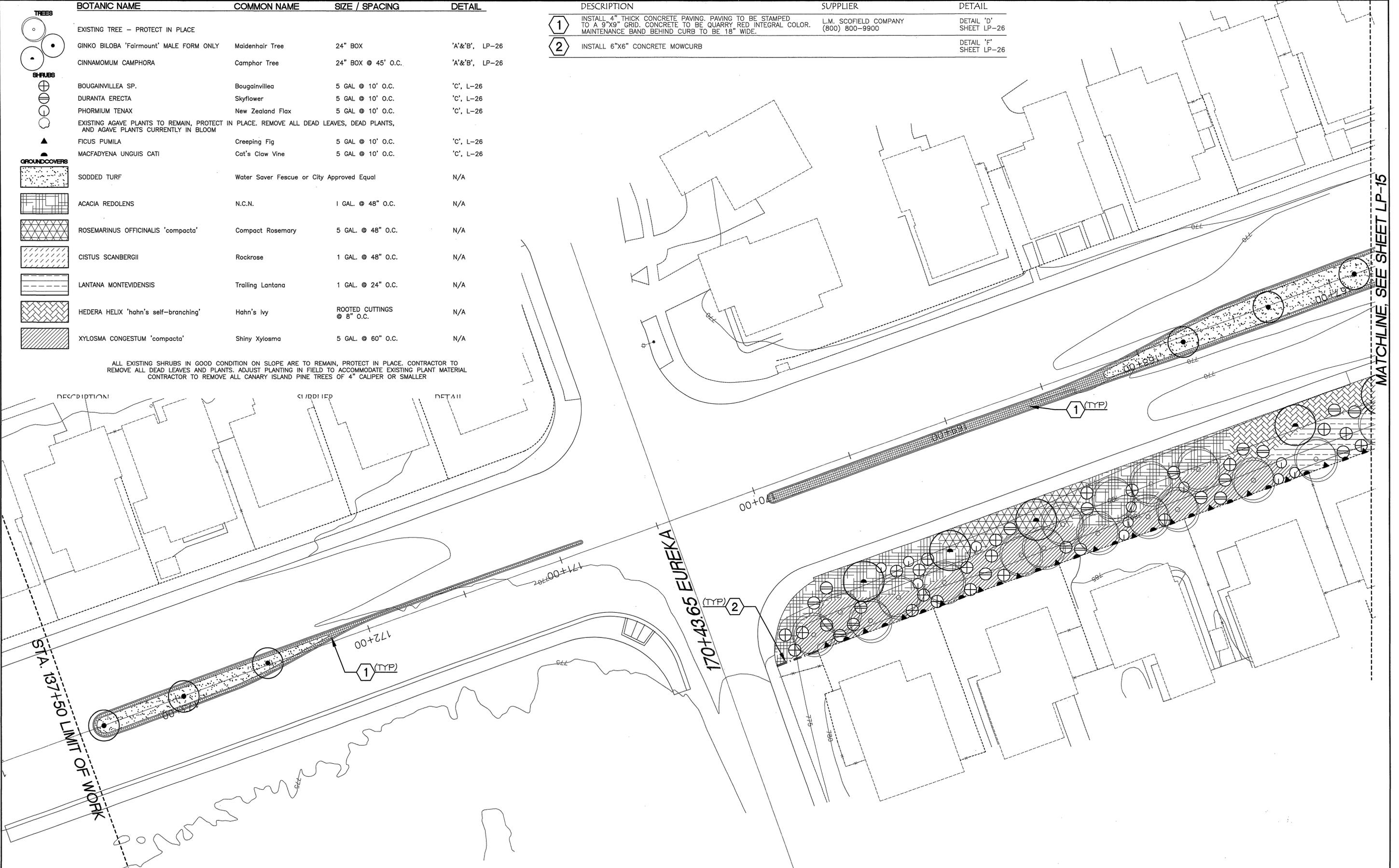
IRRIGATION DETAILS

PROJECT NO. 011048
LI-13
SHEET 14 OF 27
FILE NO. R-3575-L

TREES	BOTANIC NAME	COMMON NAME	SIZE / SPACING	DETAIL
	EXISTING TREE - PROTECT IN PLACE			
	GINKGO BILOBA 'Fairmount' MALE FORM ONLY	Maidenhair Tree	24" BOX	'A' & 'B', LP-26
	CINNAMOMUM CAMPHORA	Camphor Tree	24" BOX @ 45' O.C.	'A' & 'B', LP-26
SHRUBS	BOUGAINVILLEA SP.	Bougainvillea	5 GAL @ 10' O.C.	'C', L-26
	DURANTA ERECTA	Skyflower	5 GAL @ 10' O.C.	'C', L-26
	PHORMIUM TENAX	New Zealand Flax	5 GAL @ 10' O.C.	'C', L-26
	EXISTING AGAVE PLANTS TO REMAIN, PROTECT IN PLACE. REMOVE ALL DEAD LEAVES, DEAD PLANTS, AND AGAVE PLANTS CURRENTLY IN BLOOM			
	FICUS PUMILA	Creeping Fig	5 GAL @ 10' O.C.	'C', L-26
	MACFADYENA UNGUIS CATI	Cat's Claw Vine	5 GAL @ 10' O.C.	'C', L-26
GROUNDCOVERS	SODDED TURF	Water Saver Fescue or City Approved Equal		N/A
	ACACIA REDOLENS	N.C.N.	1 GAL @ 48" O.C.	N/A
	ROSEMARINUS OFFICINALIS 'compacta'	Compact Rosemary	5 GAL @ 48" O.C.	N/A
	CISTUS SCANBERGII	Rockrose	1 GAL @ 48" O.C.	N/A
	LANTANA MONTEVIDENSIS	Trailing Lantana	1 GAL @ 24" O.C.	N/A
	HEDERA HELIX 'hahn's self-branching'	Hahn's Ivy	ROOTED CUTTINGS @ 8" O.C.	N/A
	XYLOSMA CONGESTUM 'compacta'	Shiny Xylosma	5 GAL @ 60" O.C.	N/A

	DESCRIPTION	SUPPLIER	DETAIL
1	INSTALL 4" THICK CONCRETE PAVING. PAVING TO BE STAMPED TO A 9"X9" GRID. CONCRETE TO BE QUARRY RED INTEGRAL COLOR. MAINTENANCE BAND BEHIND CURB TO BE 18" WIDE.	L.M. SCOFIELD COMPANY (800) 800-9900	DETAIL 'D' SHEET LP-26
2	INSTALL 6"X6" CONCRETE MOWCURB		DETAIL 'F' SHEET LP-26

ALL EXISTING SHRUBS IN GOOD CONDITION ON SLOPE ARE TO REMAIN, PROTECT IN PLACE. CONTRACTOR TO REMOVE ALL DEAD LEAVES AND PLANTS. ADJUST PLANTING IN FIELD TO ACCOMMODATE EXISTING PLANT MATERIAL. CONTRACTOR TO REMOVE ALL CANARY ISLAND PINE TREES OF 4" CALIPER OR SMALLER.



MATCHLINE, SEE SHEET LP-15

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e-mail: comworks@pe.net
http://www.pe.net/comworks



PREPARED UNDER THE DIRECTION OF
TIMOTHY I. MALONEY
REGISTERED LANDSCAPE ARCHITECT, RLA 2110
EXPIRATION DATE 10/31/04
SCALE: 1"=20'
DATE: 6/24/03

CITY OF RIVERSIDE
3900 MAIN STREET
RIVERSIDE, CA 92522

MARK	REVISIONS	APPR.	DATE

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY: [Signature]
DATE: 6-22-03

TYLER STREET
MEDIANS
LANDSCAPE PLANS
PLANTING PLAN

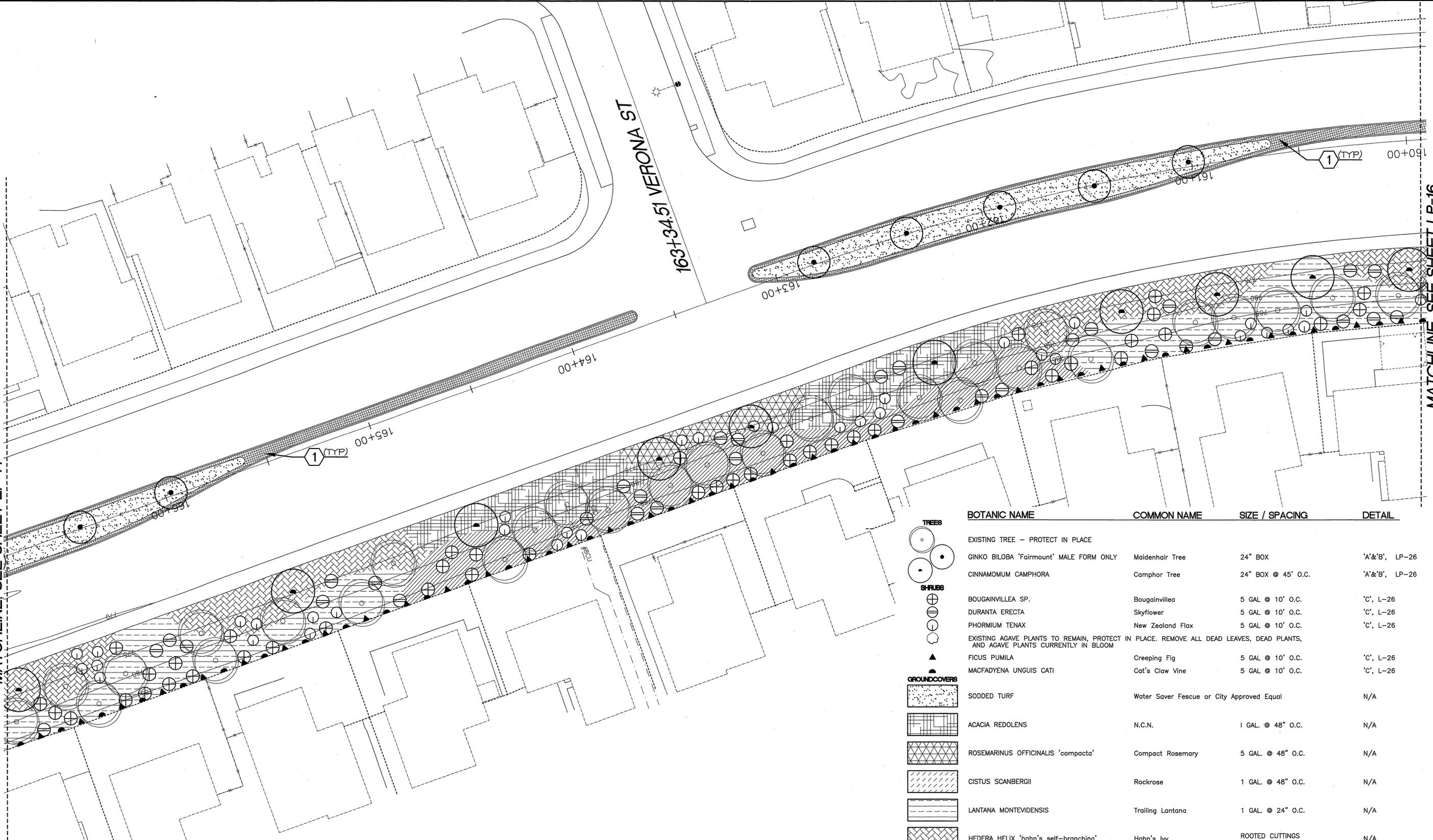
PROJECT NO. 011048
LP-14
SHEET 15 OF 27
FILE NO. R-3575-L

INDEXED 5-24-04 LHM

MATCHLINE SEE SHEET LP-14

MATCHLINE SEE SHEET LP-16

163+34.51 VERONA ST



	BOTANIC NAME	COMMON NAME	SIZE / SPACING	DETAIL
TREES				
	EXISTING TREE - PROTECT IN PLACE			
	GINKGO BILOBA 'Fairmount' MALE FORM ONLY	Maidenhair Tree	24" BOX	'A' & 'B', LP-26
	CINNAMOMUM CAMPHORA	Camphor Tree	24" BOX @ 45' O.C.	'A' & 'B', LP-26
SHRUBS				
	BOUGAINVILLEA SP.	Bougainvillea	5 GAL @ 10' O.C.	'C', L-26
	DURANTA ERECTA	Skyflower	5 GAL @ 10' O.C.	'C', L-26
	PHORMIUM TENAX	New Zealand Flax	5 GAL @ 10' O.C.	'C', L-26
	EXISTING AGAVE PLANTS TO REMAIN, PROTECT IN PLACE. REMOVE ALL DEAD LEAVES, DEAD PLANTS, AND AGAVE PLANTS CURRENTLY IN BLOOM			
	FICUS PUMILA	Creeping Fig	5 GAL @ 10' O.C.	'C', L-26
	MACFADYENA UNGUIS CATI	Cat's Claw Vine	5 GAL @ 10' O.C.	'C', L-26
GROUNDCOVERS				
	SODDED TURF	Water Saver Fescue or City Approved Equal		N/A
	ACACIA REDOLENS	N.C.N.	1 GAL @ 48" O.C.	N/A
	ROSEMARINUS OFFICINALIS 'compacta'	Compact Rosemary	5 GAL @ 48" O.C.	N/A
	CISTUS SCANBERGII	Rockrose	1 GAL @ 48" O.C.	N/A
	LANTANA MONTEVIDENSIS	Trailing Lantana	1 GAL @ 24" O.C.	N/A
	HEDERA HELIX 'hahn's self-branching'	Hahn's Ivy	ROOTED CUTTINGS @ 8" O.C.	N/A
	XYLOSMA CONGESTUM 'compacta'	Shiny Xylosma	5 GAL @ 60" O.C.	N/A

DESCRIPTION	SUPPLIER	DETAIL
1 INSTALL 4" THICK CONCRETE PAVING. PAVING TO BE STAMPED TO A 9"X9" GRID. CONCRETE TO BE QUARRY RED INTEGRAL COLOR. MAINTENANCE BAND BEHIND CURB TO BE 18" WIDE.	L.M. SCOFIELD COMPANY (800) 800-9900	DETAIL 'D' SHEET LP-26
2 INSTALL 6"X6" CONCRETE MOWCURB		DETAIL 'F' SHEET LP-26

ALL EXISTING SHRUBS IN GOOD CONDITION ON SLOPE ARE TO REMAIN, PROTECT IN PLACE. CONTRACTOR TO REMOVE ALL DEAD LEAVES AND PLANTS. ADJUST PLANTING IN FIELD TO ACCOMMODATE EXISTING PLANT MATERIAL. CONTRACTOR TO REMOVE ALL CANARY ISLAND PINE TREES OF 4" CALIPER OR SMALLER.

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PREPARED UNDER THE DIRECTION OF
TIMOTHY I. MALONEY
REGISTERED LANDSCAPE ARCHITECT, RLA 2110
EXPIRATION DATE: 10/31/04
SCALE: 1"=20' NORTH: BENCHMARK:

CITY OF RIVERSIDE
3900 MAIN STREET
RIVERSIDE, CA 92522

MARK	REVISIONS	APPR.	DATE

DESIGNED BY TY DRAWN BY KCK CHECKED BY TY

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY:
DATE: 10-02-03

TYLER STREET
MEDIANS
LANDSCAPE PLAN
PLANTING PLAN

PROJECT NO. 011048
LP-15
SHEET 16 OF 27
FILE NO. R-3575-L

MATCHLINE, SEE SHEET LP-15

MATCHLINE, SEE BELOW LEFT

MATCHLINE, SEE ABOVE RIGHT

MATCHLINE, SEE SHEET LP-17



TREES	BOTANIC NAME	COMMON NAME	SIZE / SPACING	DETAIL
	EXISTING TREE - PROTECT IN PLACE			
	GINKO BILOBA 'Fairmount' MALE FORM ONLY	Maidenhair Tree	24" BOX	'A' & 'B', LP-26
	CINNAMOMUM CAMPHORA	Camphor Tree	24" BOX @ 45' O.C.	'A' & 'B', LP-26
SHRUBS	BOUGAINVILLEA SP.	Bougainvillea	5 GAL @ 10' O.C.	'C', L-26
	DURANTA ERRECTA	Skyflower	5 GAL @ 10' O.C.	'C', L-26
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	FICUS PUMILA	Creeping Fig	5 GAL @ 10' O.C.	'C', L-26
	MACFADYENA UNGUIS CATI	Cat's Claw Vine	5 GAL @ 10' O.C.	'C', L-26
GROUNDCOVERS	SODDED TURF	Water Saver Fescue or City Approved Equal		N/A
	ACACIA REDOLENS	N.C.N.	1 GAL @ 48" O.C.	N/A
	ROSEMARINUS OFFICINALIS 'compacta'	Compact Rosemary	5 GAL @ 48" O.C.	N/A
	CISTUS SCANBERGII	Rockrose	1 GAL @ 48" O.C.	N/A
	LANTANA MONTEVIDENSIS	Trailing Lantana	1 GAL @ 24" O.C.	N/A
	HEDERA HELIX 'hahn's self-branching'	Hahn's Ivy	ROOTED CUTTINGS @ 8" O.C.	N/A
	XYLOSMA CONGESTUM 'compacta'	Shiny Xylosma	5 GAL @ 60" O.C.	N/A

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DESCRIPTION	SUPPLIER	DETAIL
1 INSTALL 4" THICK CONCRETE PAVING. PAVING TO BE STAMPED TO A 9"x9" GRID. CONCRETE TO BE QUARRY RED INTEGRAL COLOR. MAINTENANCE BAND BEHIND CURB TO BE 18" WIDE.	L.M. SCOFIELD COMPANY (800) 800-9900	DETAIL 'D' SHEET LP-26
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DESIGN GROUP



PREPARED UNDER THE DIRECTION OF
TIMOTHY I. MALONEY
REGISTERED LANDSCAPE ARCHITECT, RLA #2110
EXPIRATION DATE 10/31/04

SCALE: 1"=20'
DATE: 6/24/03

NORTH:

BENCHMARK

CITY OF RIVERSIDE
3900 MAIN STREET
RIVERSIDE, CA 92522

MARK	REVISIONS	APPR.	DATE

DESIGNED BY TY DRAWN BY KCK CHECKED BY TY

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY:
DATE: 10-02-03

TYLER STREET
MEDIANS
LANDSCAPE PLANS
PLANTING PLAN

PROJECT NO. 011048
LP-16
SHEET 17 OF 27
FILE NO. R-3575-L

INDEXED 5-24-04 lft

PC-4861-M/R

MATCHLINE, SEE SHEET LP-16

141+90.61 ARLINGTON AVE

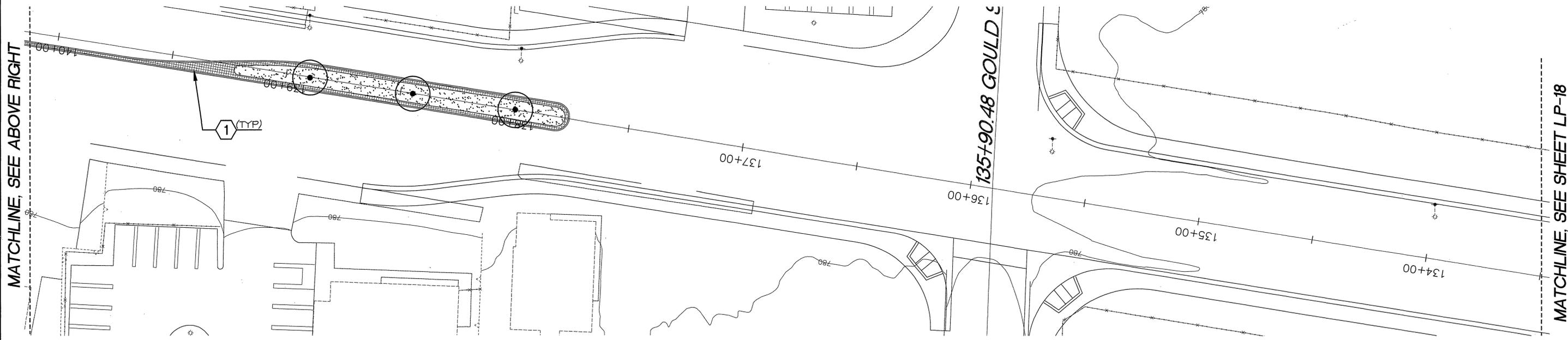
MATCHLINE, SEE BELOW LEFT

MATCHLINE, SEE ABOVE RIGHT

MATCHLINE, SEE SHEET LP-18

TREES	BOTANIC NAME	COMMON NAME	SIZE / SPACING	DETAIL
	EXISTING TREE - PROTECT IN PLACE			
	GINKGO BILOBA 'Fairmount' MALE FORM ONLY	Maidenhair Tree	24" BOX	'A&'B', LP-26
	CINNAMOMUM CAMPHORA	Camphor Tree	24" BOX @ 45' O.C.	'A&'B', LP-26
GROUNDCOVERS				
	SODDED TURF	Water Saver Fescue or City Approved Equal		N/A

	DESCRIPTION	SUPPLIER	DETAIL
1	INSTALL 4" THICK CONCRETE PAVING. PAVING TO BE STAMPED TO A 9"x9" GRID. CONCRETE TO BE QUARRY RED INTEGRAL COLOR. MAINTENANCE BAND BEHIND CURB TO BE 18" WIDE.	L.M. SCOFIELD COMPANY (800) 800-9900	DETAIL 'D' SHEET LP-26
2	INSTALL 6"x6" CONCRETE MOWCURB		DETAIL 'F' SHEET LP-26



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 Fax: (909) 369-4039
 e-mail: comworks@pe.net
 http://www.pe.net/comworks

REGISTERED LANDSCAPE ARCHITECT
 STATE OF CALIFORNIA

PREPARED UNDER THE DIRECTION OF
TIMOTHY I. MALONEY
 REGISTERED LANDSCAPE ARCHITECT, RLA 2110
 EXPIRATION DATE 10/31/04
 SCALE: 1"=20' NORTH:
 DATE: 6/24/03

CITY OF RIVERSIDE
 3900 MAIN STREET
 RIVERSIDE, CA 92522

MARK	REVISIONS	APPR. DATE
DESIGNED BY TY	DRAWN BY KCK	CHECKED BY TY

CITY OF RIVERSIDE, CALIFORNIA
 PUBLIC WORKS DEPARTMENT

APPROVED BY	BY	DATE	APPROVED BY	BY	DATE
			PARK DEPARTMENT		
			DATE 6/22/03		

TYLER STREET MEDIANS
 LANDSCAPE PLANS
 PLANTING PLAN

PROJECT NO. 011048
LP-17
 SHEET 18 OF 27
 FILE NO. R-3575-L

INDEXED 5-24-04 LHM

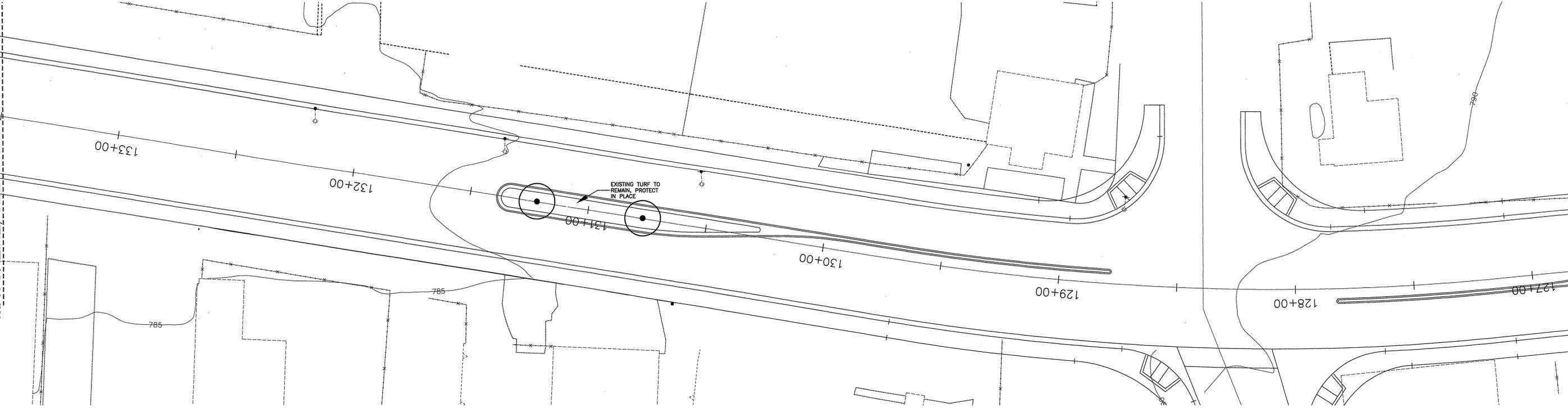
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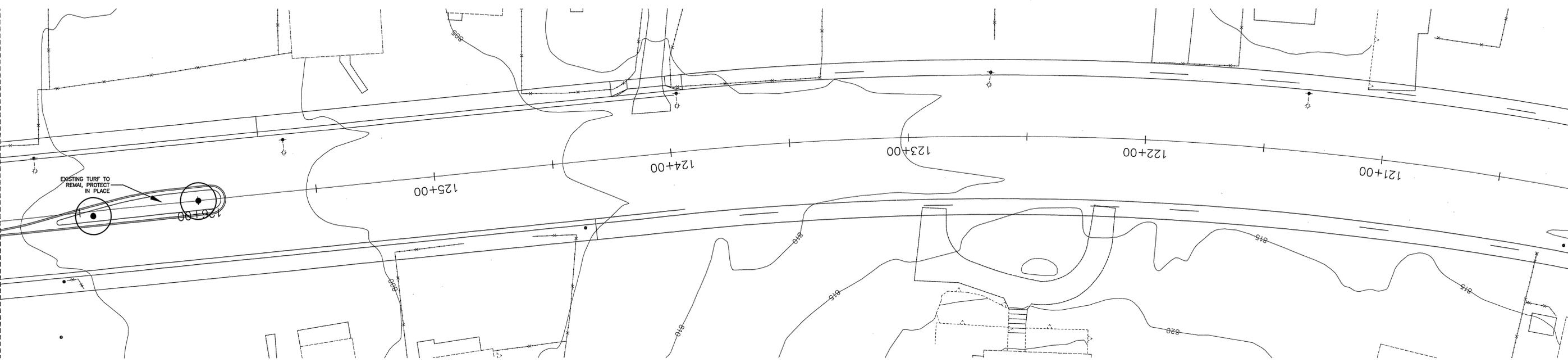
MATCHLINE, SEE ABOVE RIGHT

MATCHLINE, SEE SHEET LP-19



TREES		BOTANIC NAME	COMMON NAME	SIZE / SPACING	DETAIL
		EXISTING TREE - PROTECT IN PLACE			
		GINKGO BILOBA 'Fairmount' MALE FORM ONLY	Maidenhair Tree	24" BOX	'A' & 'B', LP-26
		CINNAMOMUM CAMPHORA	Camphor Tree	24" BOX @ 45' O.C.	'A' & 'B', LP-26

	DESCRIPTION	SUPPLIER	DETAIL
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 REGISTERED LANDSCAPE ARCHITECT, RLA 2110
 EXPIRATION DATE 10/31/04
 SCALE: 1"=20'
 DATE: 6/24/03
 NORTH:

CITY OF RIVERSIDE
 3900 MAIN STREET
 RIVERSIDE, CA 92522
 BENCHMARK

MARK	REVISIONS	APPR.	DATE

DESIGNED BY TY DRAWN BY KCK CHECKED BY TY

CITY OF RIVERSIDE, CALIFORNIA
 PUBLIC WORKS DEPARTMENT
 APPROVED BY:
 BY: DATE: 10-22-03
 PARK DEPARTMENT

TYLER STREET
MEDIANS
LANDSCAPE PLANS
PLANTING PLAN

PROJECT NO. 011048
LP-18
 SHEET 19 OF 27
 FILE NO. R-3575-L

MATCHLINE SEE SHEET LP-18

MATCHLINE SEE SHEET LP-20

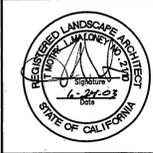


	BOTANIC NAME	COMMON NAME	SIZE / SPACING	DETAIL
	EXISTING TREE -- PROTECT IN PLACE			
	GINKO BILOBA 'Fairmount' MALE FORM ONLY	Maidenhair Tree	24" BOX	'A' & 'B', LP-26
	CINNAMOMUM CAMPHORA	Camphor Tree	24" BOX @ 45' O.C.	'A' & 'B', LP-26
	SODDED TURF	Water Saver Fescue or City Approved Equal		N/A

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 EXPIRATION DATE 10/31/04
 SCALE: 1"=20'
 NORTH:
 DATE: 6/24/03

CITY OF RIVERSIDE
 3900 MAIN STREET
 RIVERSIDE, CA 92522

MARK	REVISIONS	APPR.	DATE

DESIGNED BY TY DRAWN BY KCK CHECKED BY TY

CITY OF RIVERSIDE, CALIFORNIA
 PUBLIC WORKS DEPARTMENT

APPROVED BY	BY	DATE

PARK DEPARTMENT
 DATE: 12/02/03

**TYLER STREET
 MEDIANS
 LANDSCAPE PLANS
 PLANTING PLAN**

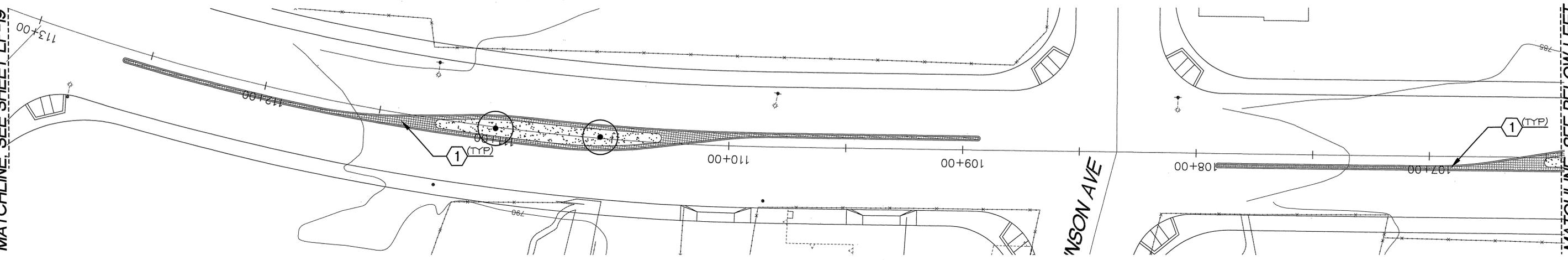
PROJECT NO. 011048
LP-19
 SHEET 20 OF 27
 FILE NO. R-3575-L

INDEXED 5-29-04 LHM

PC-4381-M/R

MATCHLINE, SEE SHEET LP-19

MATCHLINE, SEE BELOW LEFT



	BOTANIC NAME	COMMON NAME	SIZE / SPACING	DETAIL
TREES				
	EXISTING TREE - PROTECT IN PLACE			
	GINKGO BILOBA 'Fairmount' MALE FORM ONLY	Maidenhair Tree	24" BOX	'A' & 'B', LP-26
	CINNAMOMUM CAMPHORA	Camphor Tree	24" BOX @ 45' O.C.	'A' & 'B', LP-26
GROUNDCOVERS				
	SODDED TURF	Water Saver Fescue or City Approved Equal		N/A
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MATCHLINE, SEE ABOVE RIGHT

MATCHLINE, SEE SHEET LP-21



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REGISTERED LANDSCAPE ARCHITECT, RLA 2110
EXPIRATION DATE 10/31/04
SCALE: 1"=20'
DATE: 6/24/03

CITY OF RIVERSIDE
3900 MAIN STREET
RIVERSIDE, CA 92522
BENCHMARK

MARK	REVISIONS	APPR.	DATE

DESIGNED BY TY DRAWN BY KCK CHECKED BY TY

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT
APPROVED BY: [Signature]
DATE: 10-02-03

TYLER STREET
MEDIANS
LANDSCAPE PLANS
PLANTING PLAN

PROJECT NO. 011048
LP-20
SHEET 21 OF 27
FILE NO. R-3575-L

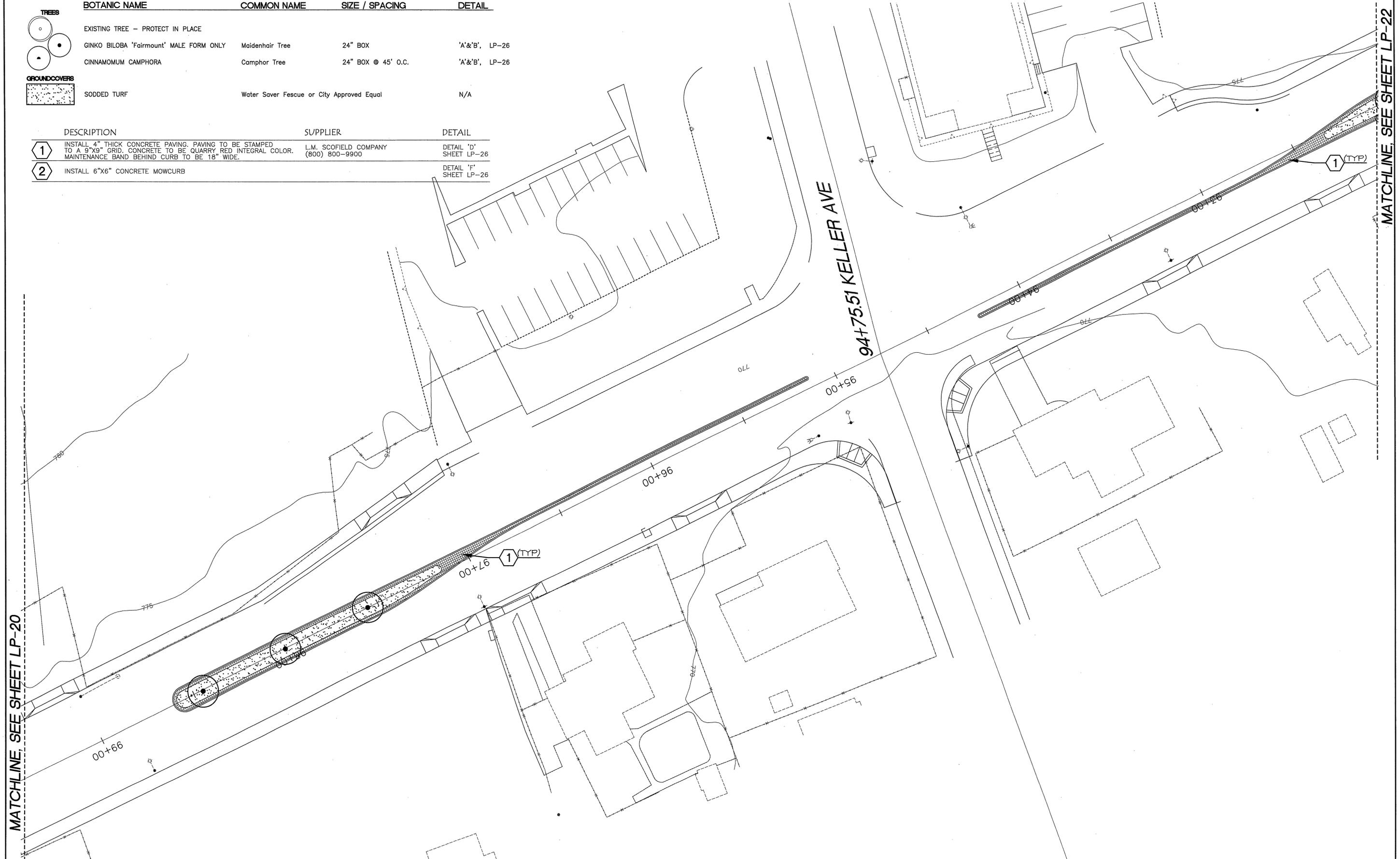
INDEXED 5-24-04 4H

PC-4381-M/R

TREES	BOTANIC NAME	COMMON NAME	SIZE / SPACING	DETAIL
	EXISTING TREE - PROTECT IN PLACE			
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GROUNDCOVERS			
	SODDED TURF	Water Saver Fescue or City Approved Equal	N/A

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 REGISTERED LANDSCAPE ARCHITECT, RLA 2110
 EXPIRATION DATE 10/31/04
 SCALE: 1"=20'
 DATE: 6/24/03
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CITY OF RIVERSIDE
 3900 MAIN STREET
 RIVERSIDE, CA 92522

MARK	REVISIONS	APPR.	DATE

DESIGNED BY TY DRAWN BY KCK CHECKED BY TY

CITY OF RIVERSIDE, CALIFORNIA
 PUBLIC WORKS DEPARTMENT

APPROVED BY:
 PARK DEPARTMENT
 DATE: 10-02-03

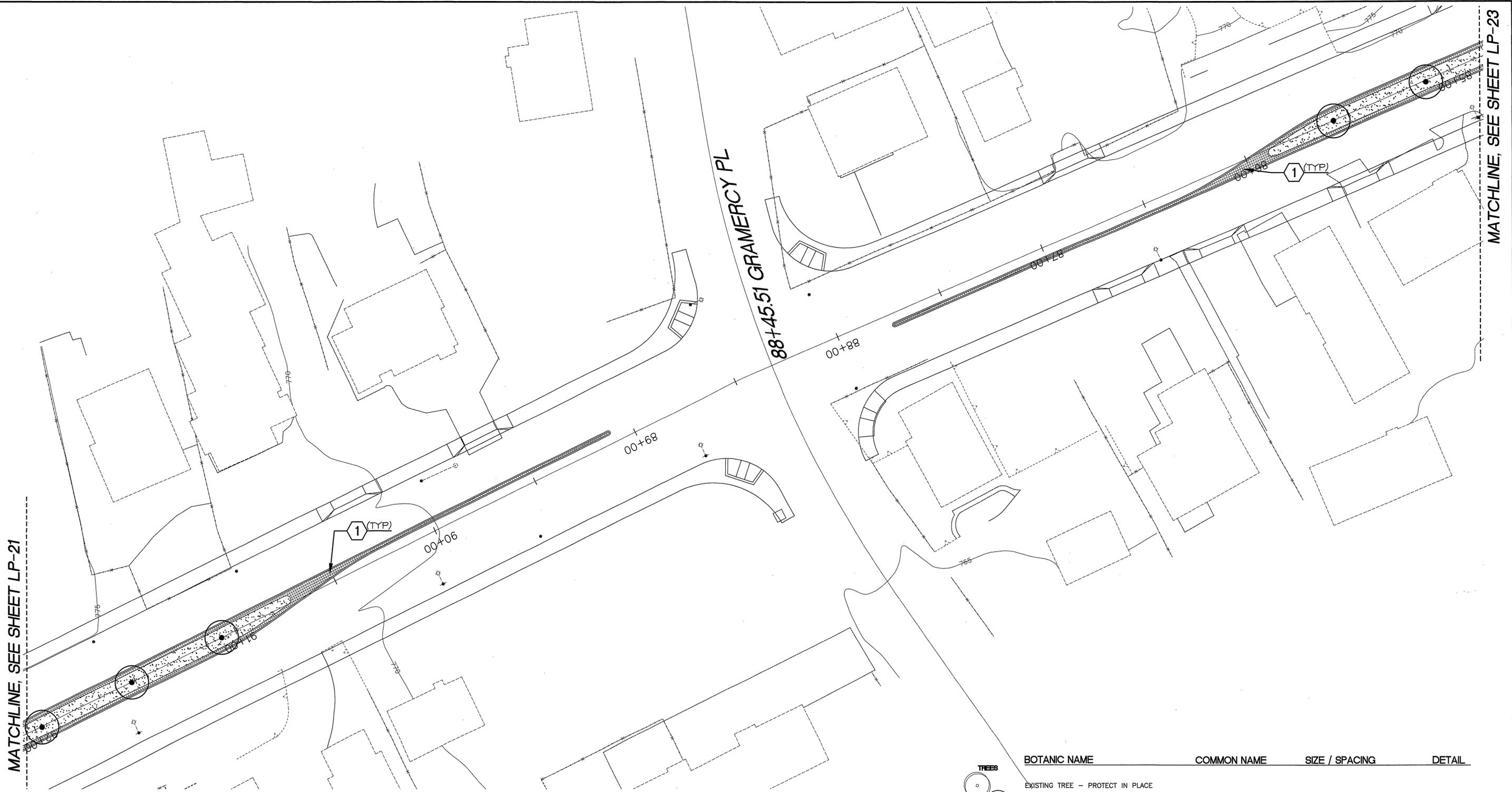
TYLER STREET
MEDIANS
LANDSCAPE PLANS
PLANTING PLAN

PROJECT NO. 011048
LP-21
 SHEET 22 OF 27
 FILE NO. R-3575-L

MATCHLINE SEE SHEET LP-21

MATCHLINE SEE SHEET LP-23

88+45.51 GRAMERCY PL



TREES	BOTANIC NAME	COMMON NAME	SIZE / SPACING	DETAIL
	EXISTING TREE - PROTECT IN PLACE			
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EXPIRATION DATE 10/31/04
SCALE: 1"=20' NORTH:

CITY OF RIVERSIDE
3900 MAIN STREET
RIVERSIDE, CA 92522

MARK	REVISIONS	APPR.	DATE

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CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

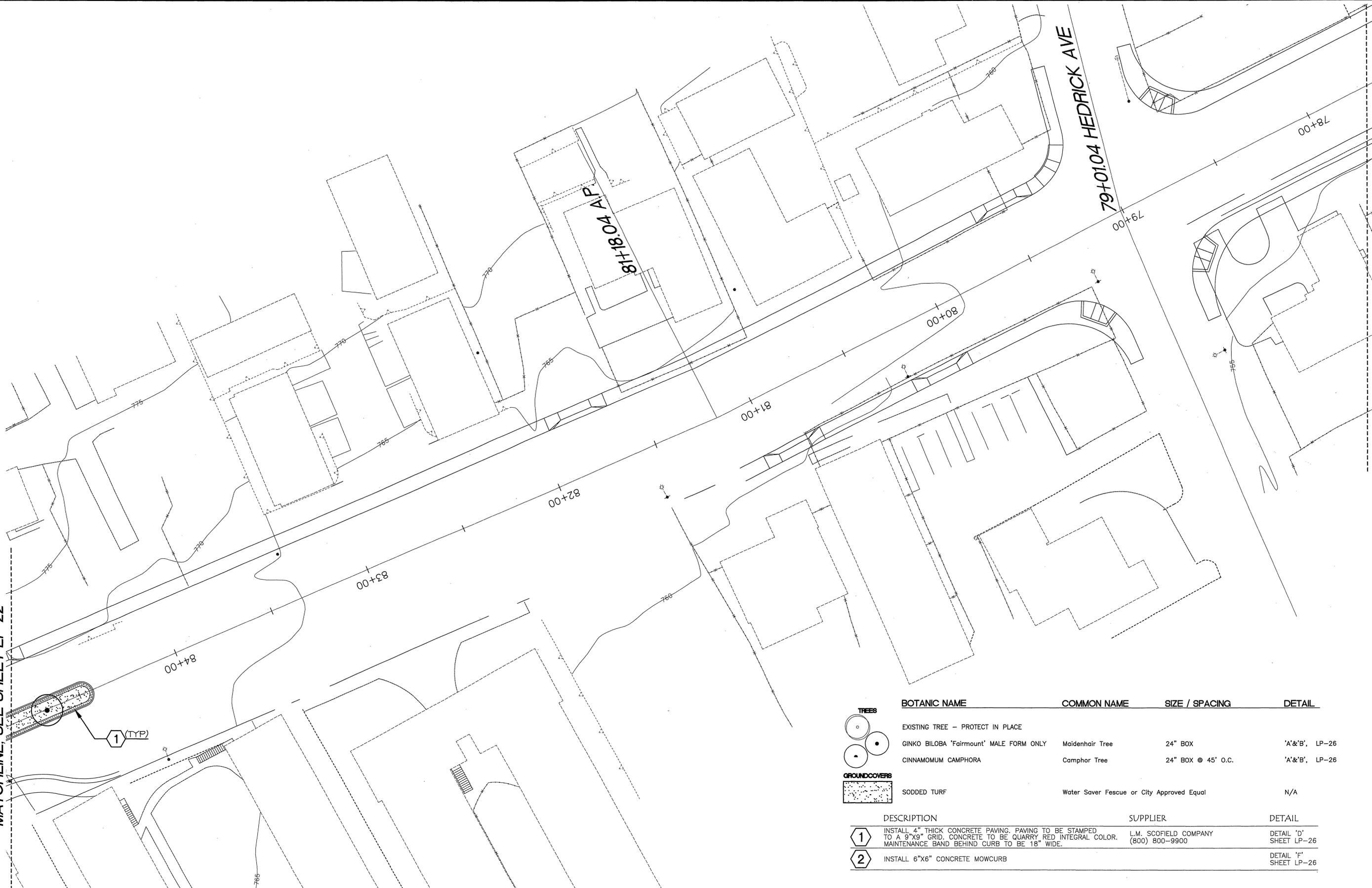
APPROVED BY:
DATE: 00-02-03

**TYLER STREET
MEDIANS
LANDSCAPE PLANS
PLANTING PLAN**

PROJECT NO. 011048
LP-22
SHEET 23 OF 27
FILE NO. R-3575-L

MATCHLINE SEE SHEET LP-22

MATCHLINE SEE SHEET LP-24



	BOTANIC NAME	COMMON NAME	SIZE / SPACING	DETAIL
	EXISTING TREE - PROTECT IN PLACE			
	GINKGO BILOBA 'Fairmount' MALE FORM ONLY	Maidenhair Tree	24" BOX	'A' & 'B', LP-26
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DESIGN GROUP

REGISTERED LANDSCAPE ARCHITECT
TIMOTHY I. MALONEY
6-24-03
STATE OF CALIFORNIA

PREPARED UNDER THE DIRECTION OF
TIMOTHY I. MALONEY
REGISTERED LANDSCAPE ARCHITECT, RLA 2110
EXPIRATION DATE 10/31/04

SCALE: 1"=20'
DATE: 6/24/03

NORTH: 

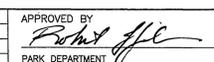
CITY OF RIVERSIDE
3900 MAIN STREET
RIVERSIDE, CA 92522

BENCHMARK

MARK	REVISIONS	APPR.	DATE

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CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY: 
DATE: 10-22-03

**TYLER STREET
MEDIANS
LANDSCAPE PLANS
PLANTING PLAN**

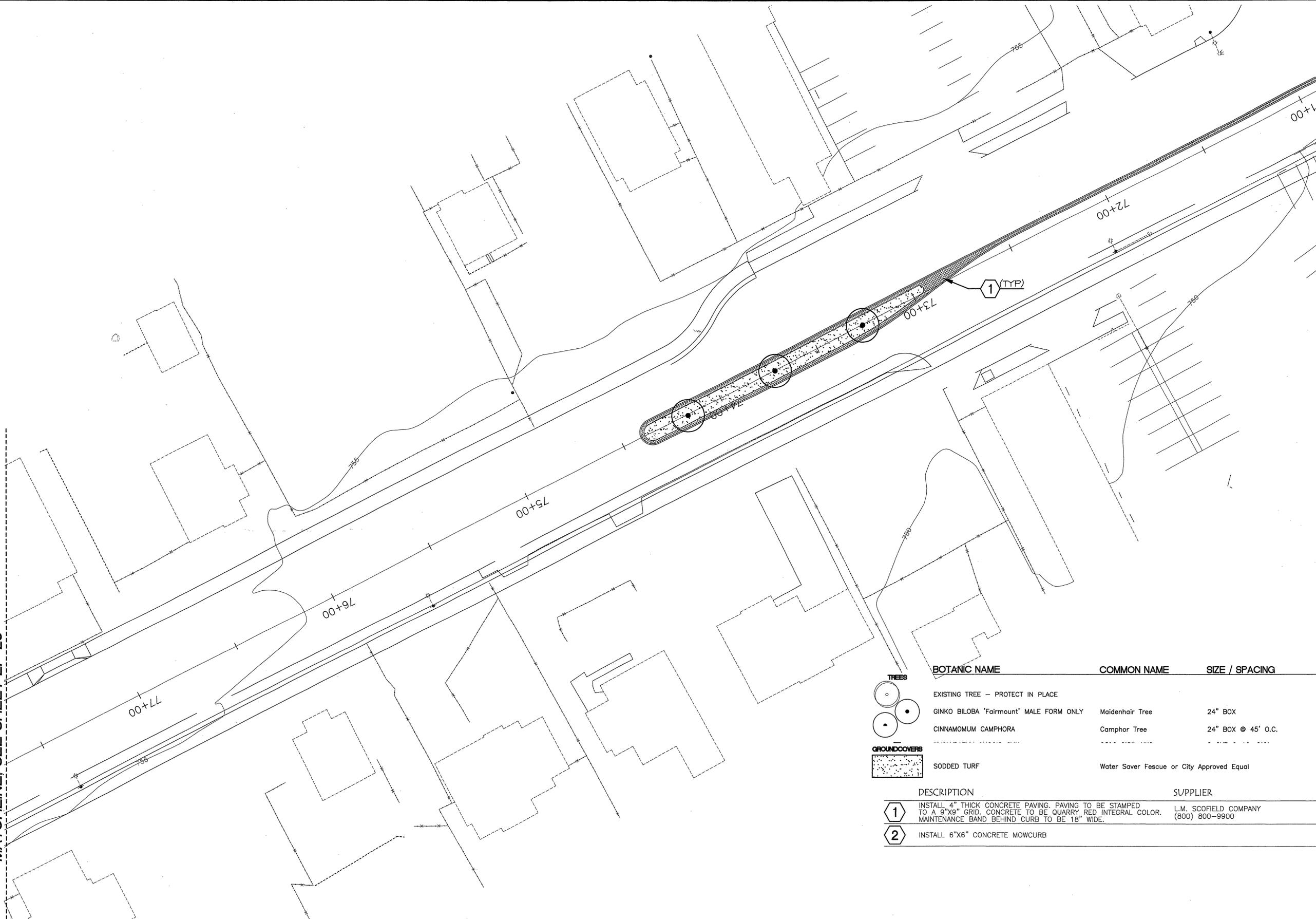
PROJECT NO. 011048
LP-23
SHEET 24 OF 27
FILE NO. R-3575-L

INDEXED 5-24-04 gll

PC-4981-M/R

MATCHLINE, SEE SHEET LP-23

MATCHLINE, SEE SHEET LP-25



	BOTANIC NAME	COMMON NAME	SIZE / SPACING	DETAIL
TREES				
	EXISTING TREE - PROTECT IN PLACE			
	GINKGO BILOBA 'Fairmount' MALE FORM ONLY	Maidenhair Tree	24" BOX	'A' & 'B', LP-26
	CINNAMOMUM CAMPHORA	Camphor Tree	24" BOX @ 45' O.C.	'A' & 'B', LP-26
GROUNDCOVERS				
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EXPIRATION DATE 10/31/04
SCALE: 1"=20' NORTH:

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RIVERSIDE, CA 92522

MARK	REVISIONS	APPR.	DATE

DESIGNED BY: TY DRAWN BY: KCK CHECKED BY: TY

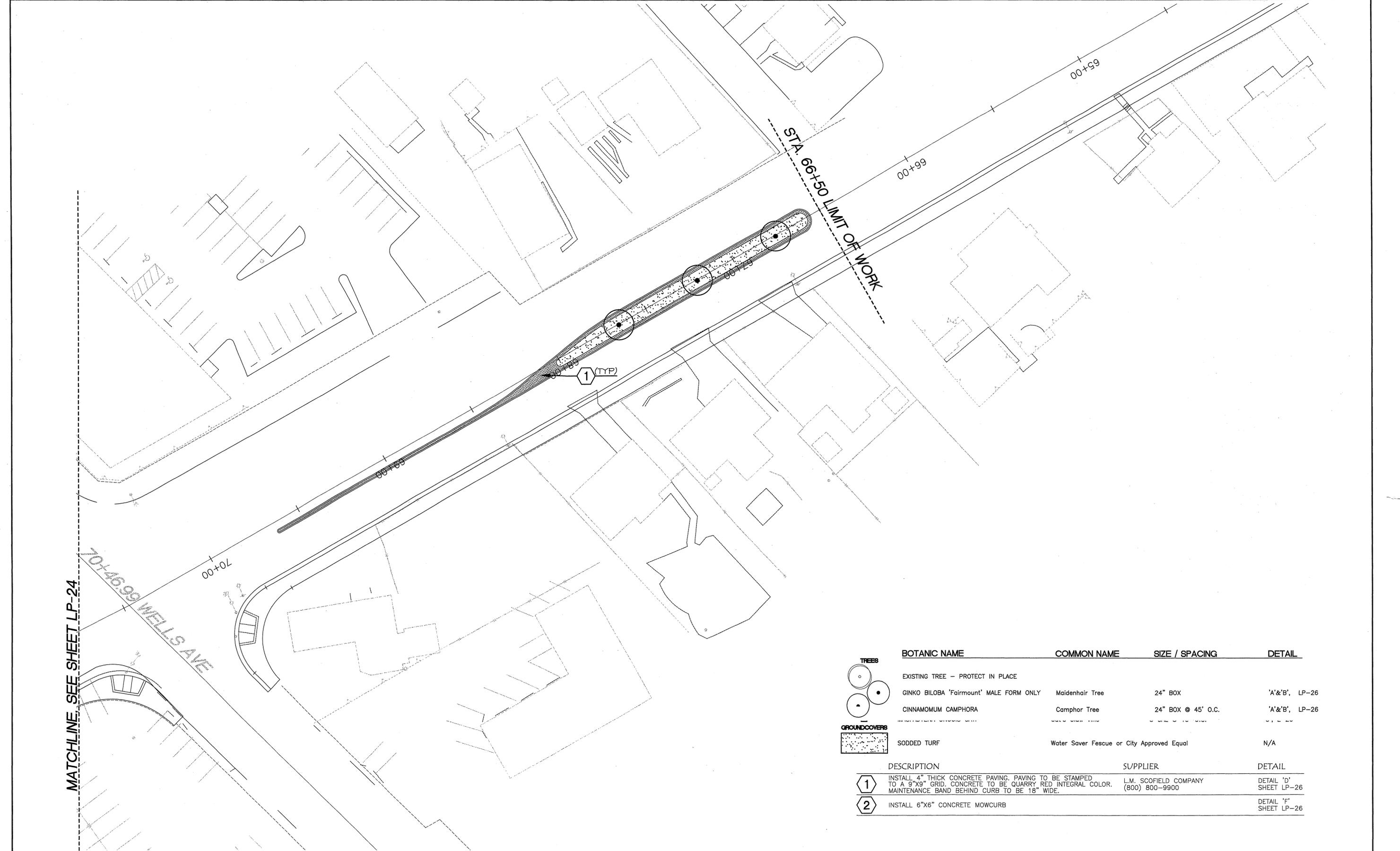
CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY:
DATE: 10-02-03

**TYLER STREET
MEDIANS
LANDSCAPE PLANS**

PLANTING PLAN

PROJECT NO. 011048
LP-24
SHEET 25 OF 27
FILE NO. R-3575-L



MATCHLINE SEE SHEET LP-24

	BOTANIC NAME	COMMON NAME	SIZE / SPACING	DETAIL
	EXISTING TREE - PROTECT IN PLACE			
	GINKGO BILOBA 'Fairmount' MALE FORM ONLY	Maidenhair Tree	24" BOX	'A'&'B', LP-26
	CINNAMOMUM CAMPHORA	Camphor Tree	24" BOX @ 45' O.C.	'A'&'B', LP-26
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DESIGN GROUP

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TIMOTHY I. MALONEY
 REGISTERED LANDSCAPE ARCHITECT, RLA 2110
 EXPIRATION DATE 10/31/04

SCALE: 1"=20' NORTH: 

DATE: 6/24/03

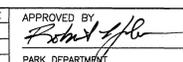
CITY OF RIVERSIDE
 3900 MAIN STREET
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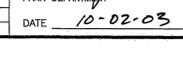
BENCHMARK

MARK	REVISIONS	APPR.	DATE

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CITY OF RIVERSIDE, CALIFORNIA
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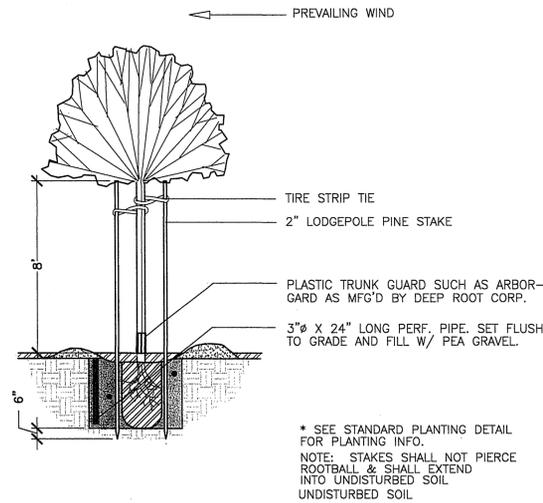
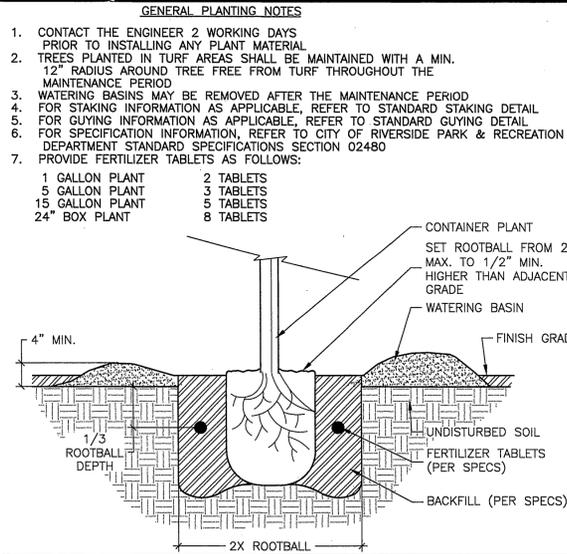
APPROVED BY:  BY: DATE: 10-02-03

TYLER STREET
 MEDIANS
 LANDSCAPE PLANS
 PLANTING PLAN

PROJECT NO. 011048
LP-25
 SHEET 26 OF 27
 FILE NO. R-3575-L

INDEXED 5-21-04 *lhl*

PC-4981-M/R



HYDROSEED NOTE:

MIXING OF HYDROSEED SLURRY SHALL BE PERFORMED IN A TANK WITH A BUILT-IN CONTINUOUS AGITATION AND RECIRCULATION SYSTEM OF SUFFICIENT OPERATING CAPACITY TO PRODUCE A HOMOGENEOUS SLURRY OF FIBER, M-BINDER, SEED, FERTILIZER, AND WATER.

SEED MIX: PER PLANTING LEGEND

APPLICATION: PER CITY OF RIVERSIDE STANDARD SPECIFICATION 02480

HYDROSEED SLURRY SHALL BE APPLIED UNDER HIGH PRESSURE EVENLY AND RESULT IN A UNIFORM COAT ON ALL AREAS TO BE TREATED. CARE SHALL BE EXERCISED TO ASSURE THAT ALL PLANTS IN PLACE ARE NOT SUBJECTED TO THE DIRECT FORCE OF THE APPLICATION. SLURRY SHALL BE IMMEDIATELY REMOVED FROM WALKS, PAVEMENT, STRUCTURES, AND GROUND COVER AREAS THAT ARE INADVERTENTLY SPRAYED. ALL BARE SPOTS SHALL BE RESEED BY THE CONTRACTOR WITHIN 15 DAYS. THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL RESEED AREAS FOR AS LONG AFTER SEEDING AS NECESSARY, UNTIL ACCEPTABLE GERMINATION AND ESTABLISHMENT IS REALIZED AND APPROVED BY THE OWNER'S AUTHORIZED REPRESENTATIVE.

SOIL PREPARATION / BACKFILL NOTE:

TO ALL NEW PLANTING AREAS (SHRUB AND GROUND COVER), ROTOTILL THE FOLLOWING AMENDMENTS:

'NITROMULCH' SOIL AMENDMENT - 3 CU. YDS. PER 1000 SQ. FT.
16-16-16 COMMERCIAL FERTILIZER - 12 LBS. PER 1000 SQ. FT.

BACKFILL MIX FOR TREES, SHRUBS, AND VINES SHALL BE AS FOLLOWS:

6 PARTS BY VOLUME ON-SITE SOIL
4 PARTS BY VOLUME ORGANIC AMENDMENT AS ABOVE
1 LB. 16-16-16 COMMERCIAL FERTILIZER PER CU. YD. OF MIX
2 LBS. IRON SULFATE PER CU. YD. OF MIX

'NITROMULCH' SOIL AMENDMENT AVAILABLE FROM 'KELLOG SUPPLY, INC.' (800) 232-2322

FERTILIZER PROGRAM:

THREE (3) FERTILIZER APPLICATIONS ARE TO BE APPLIED TO ALL PLANTING AREAS AT THIRTY (30) DAY INTERVALS USING THE FOLLOWING FORMULA:

5 LBS. 16-16-16 COMMERCIAL FERTILIZER PER 1000 SQ. FT.

AFTER ALL SITE GRADING HAS BEEN COMPLETED, THE CONTRACTOR SHALL OBTAIN, AT HIS EXPENSE, AN AGRONOMIC SOILS TEST. THE TEST SHALL BE PERFORMED BY AN APPROVED SOIL LAB AND SHALL INCLUDE ALL OF THE ABOVE INFORMATION. THE RECOMMENDATIONS OF THIS REPORT SHALL TAKE PRECEDENCE OVER THE ABOVE QUANTITIES ONLY WHEN THEY EXCEED THE SPECIFIED MINIMUMS.

A Planting - City Std. Detail 1001

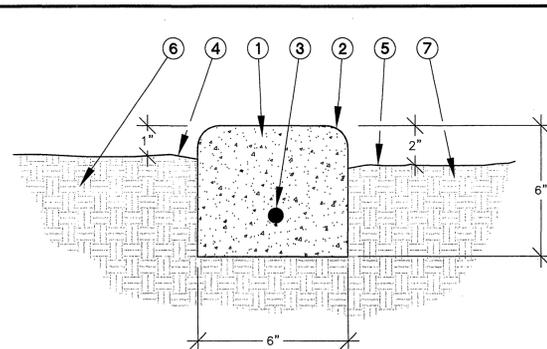
IRRIGATION NOTES:

- GENERAL - ALL WORK SHALL BE IN ACCORDANCE WITH APPLICABLE CODES AND THESE PLANS. THE CONTRACTOR SHALL APPLY FOR ALL PERMITS AND PAY FOR SAME.
 - THE CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS SHOWN ON THE PLANS AT THE SITE PRIOR TO COMMENCEMENT OF ANY WORK UNDER THIS CONTRACT.
- SCOPE OF WORK - UNLESS OTHERWISE SPECIFIED, THE CONSTRUCTION OF IRRIGATION SYSTEMS SHALL INCLUDE THE FURNISHING, INSTALLATION AND TESTING OF ALL MAINLINE, POINT OF CONNECTION, LATERAL LINES, RISERS, AND FITTINGS; AND THE FURNISHING AND INSTALLATION OF SPRINKLER HEADS, CONTROLLERS, ELECTRIC CONTROL VALVES, EXCAVATION AND BACKFILL, AND ALL OTHER WORK IN ACCORDANCE WITH THESE PLANS, DETAILS, AND NOTES. THE CONTRACTOR SHALL FURNISH ALL LABOR, MATERIAL, EQUIPMENT PROPERTY, TRANSPORTATION, AND PERFORM ALL OPERATIONS REQUIRED FOR A COMPLETE AND OPERABLE IRRIGATION SYSTEM AS INDICATED ON, OR REASONABLY IMPLIED, BY THE DRAWINGS, DETAILS, AND NOTES. INCLUDED AS A PART OF THE IRRIGATION WORK, BUT NOT LIMITED BY IT, ARE THE FOLLOWING:
 - INSTALL COMPLETE OPERABLE INDEPENDENT IRRIGATION SYSTEMS PER THE PLANS, DETAILS, NOTES, LEGENDS AND SPECIAL PROVISIONS.
 - ALL IRRIGATION WORK SHALL BE GUARANTEED BY THE CONTRACTOR AS TO MATERIAL AND WORKMANSHIP, INCLUDING SETTLING OF BACKFILLED TRENCHES BELOW GRADE, FOR A PERIOD OF ONE (1) YEAR FOLLOWING THE DATE OF FINAL ACCEPTANCE OF THE WORK.
- THE ENGINEER SHALL DECIDE ALL QUESTIONS RELATING TO THE INTERPRETATION OF THE DRAWINGS AND THE ACCEPTABLE FULFILLMENT OF THE CONTRACT.
- PIPING SHOWN ON THE PLANS IS ESSENTIALLY DIAGRAMMATIC. CONTRACTOR SHALL ROUTE PIPING TO AVOID CONFLICT WITH STATIONARY ELEMENTS AND IN SUCH A MANNER AS TO CONFORM WITH THE VARIOUS DETAILS AND DESIGN INTENT OF THESE PLANS.
- THE CONTRACTOR SHALL AT ALL TIMES PROTECT HIS WORK FROM DAMAGE AND THEFT AND REPLACE ALL DAMAGED OR STOLEN PARTS AT HIS EXPENSE UNTIL THE WORK IS ACCEPTED IN WRITING BY THE OWNER / CITY.
- EXTREME CARE SHALL BE EXERCISED IN EXCAVATING AND WORKING NEAR EXISTING UTILITIES. CONTRACTOR SHALL VERIFY THE LOCATION AND CONDITION OF ALL UTILITIES AND BE RESPONSIBLE FOR ANY DAMAGE.
- THE CONTRACTOR SHALL KEEP THE PREMISES CLEAN AND FREE OF EXCESS EQUIPMENT, MATERIALS, AND RUBBISH INCIDENTAL TO HIS WORK.
- IRRIGATION DESIGN IS BASED ON AVAILABLE WATER PRESSURE AT THE FLOWS SHOWN. CONTRACTOR SHALL VERIFY PRESSURE PRIOR TO CONSTRUCTION; SHOULD A DISCREPANCY EXIST, NOTIFY THE ENGINEER PRIOR TO START OF WORK.
- CONTRACTOR SHALL MAKE POINT(S) OF CONNECTION AS NOTED ON THE PLANS.
- IRRIGATION CONTRACTOR SHALL BE RESPONSIBLE FOR CONNECTING 120 VOLT SERVICE TO THE CONTROLLER; ELECTRICAL POWER WILL BE PROVIDED BY OWNER AT THE CONTROLLER LOCATION SHOWN ON THE PLANS.
- ALL WIRES SHALL BE SOLID COPPER, PLASTIC INSULATED, U.F. DIRECT BURIAL WIRE. ALL COMMON WIRE SHALL BE AWG #12 WHITE; ALL CONTROL WIRE SHALL BE AWG #14 RED OR BLACK. CONTROLLERS SHALL HAVE SEPARATE COLOR CODED COMMON WIRES WHEN TWO OR MORE CONTROLLERS ARE ON PROJECT.
- ALL CONTROL WIRES AND IRRIGATION PIPE LINES THAT RUN UNDER PAVING SHALL BE ENCASED IN SCH 40 PVC PIPE SLEEVES. SLEEVES SHALL BE SIZED ACCORDING TO THE CHART ON THE PLANS.
- FINAL LOCATION OF CONTROL VALVES SHALL BE APPROVED IN THE FIELD BY THE PARKS PROJECT INSPECTOR OR THE OWNER'S AUTHORIZED REPRESENTATIVE.
- CONTRACTOR SHALL MARK VALVE NUMBERS ON THE OUTSIDE OF ALL VALVE BOX LIDS.
- ALL BRASS OR GALVANIZED CONNECTIONS SHALL BE COATED WITH TEFLON TAPE OR LED-LUBE JOINT COMPOUND (OF APPROVED EQUAL). ALL PVC THREADED CONNECTIONS SHALL BE COATED WITH TEFLON TAPE.
- ALL PVC SOLVENT-WELD CONNECTIONS SHALL BE MADE WITH SOLVENT-WELD MATERIALS AS RECOMMENDED BY THE PIPE MANUFACTURER. SOLVENT-WELD PRIMER SHALL BE APPLIED AT ALL CONNECTIONS.
- LOW HEAD DRAINAGE WILL NOT BE ALLOWED. CONTRACTOR TO DETERMINE IN THE FIELD WHICH HEADS DRAIN AFTER VALVE IS SHUT OFF. CONTRACTOR SHALL PROVIDE AND INSTALL ADDITIONAL IN-RISER CHECK VALVES AS NEEDED AT NO ADDITIONAL COST TO THE CITY.

B Tree Staking - City Std. Detail 1002

IRRIGATION NOTES CONT.

- ALL PRESSURE SUPPLY LINES AND CONTROL WIRES TO HAVE 18"-24" MINIMUM COVER (PER DETAIL). LATERAL LINES TO HAVE 12" MINIMUM COVER.
- THE RADIUS OF EACH HEAD IS TO BE ADJUSTED TO THAT HEAD-TO-HEAD COVERAGE IS MAINTAINED, BUT OVERSPRAY ON BUILDINGS, WALKS, AND WALLS, ETC. IS MINIMIZED.
- UPON COMPLETION OF THE PROJECT, THE CONTRACTOR IS TO TURN OVER TO THE CITY THE FOLLOWING:
 - A REPRODUCIBLE SET OF "AS-BUILT" DRAWINGS AND CONTROLLER CHART.
 - 2 KEYS FOR EACH CONTROLLER AND CONTROLLER ENCLOSURE (AS APPLICABLE).
 - 2 QUICK COUPLER KEYS AND MATCHING HOSE SWIVELS.
 - 4 OF EACH SPRINKLER HEAD SPECIFIED.
- AS-BUILT DRAWINGS - THE CONTRACTOR SHALL PROVIDE AND KEEP UP TO DATE A COMPLETE "AS-BUILT" RECORD SET OF PRINTS WHICH SHALL BE CORRECTED DAILY AND SHOW EVERY CHANGE FROM THE ORIGINAL DRAWINGS. PRIOR TO FINAL INSPECTION, THE CONTRACTOR SHALL TRANSCRIBE ALL INFORMATION FROM THE "AS-BUILT" SET TO A MYLAR, PROCURED FROM THE CITY. ALL WORK SHALL BE NEAT AND LEGIBLE, LOCATING THE FOLLOWING ITEMS FROM PERMANENT POINTS OF REFERENCE: SHUT-OFF VALVES, MAINLINE AND CONTROL WIRE ROUTING, POC, BACKFLOW DEVICE, CONTROL VALVES, CONTROLLER, QUICK COUPLERS, AND OTHER PERTINENT UNDERGROUND ITEMS.
- CONTROLLER CHART - UPON APPROVAL OF THE FINAL "AS-BUILT" DRAWINGS, PROVIDE ONE CHART FOR EACH CONTROLLER INSTALLED AS FOLLOWS:
 - THE CHART IS TO BE A REDUCED COPY OF THE APPROVED "AS-BUILT" SYSTEM (A BLACK-LINE PRINT REDUCED TO THE MAXIMUM SIZE THE CONTROLLER DOOR WILL ALLOW, COLORED WITH A DIFFERENT COLOR FOR EACH VALVE STATION).
 - WHEN COMPLETED AND APPROVED, THE CHART SHALL BE HERMETICALLY SEALED BETWEEN TWO (2) PIECES OF 20 MIL CLEAR PLASTIC AND MOUNTED ON THE INSIDE OF THE CONTROLLER DOOR USING VELCRO TAPE OR EQUAL.



- 2000 PSI NATURAL GRAY CONCRETE WITH SMOOTH TROWEL FINISH
- 1/2" RADIUS ALL EDGES
- #4 REBAR - PLACE IN BOTTOM 1/3 OF CURB, LAP BARS 8" @ SPLICES AND TIE
- FINISH GRADE IN TURF AREAS
- FINISH GRADE IN GROUND COVER AREAS
- UNDISTURBED NATIVE SOIL
- 90% COMPACTED SUBGRADE

NOTES:
INSTALL 1/2" PREFORMED EXPANSION JOINTS
@ 15' O.C. MAXIMUM AND AT BEGINNING OF RADIUS

C Turf Note

PLANTING NOTES:

- GENERAL - ALL WORK SHALL BE DONE IN ACCORDANCE WITH APPLICABLE CITY AND COUNTY CODES AND THESE PLANS.
 - THE CONTRACTOR SHALL CAREFULLY INSPECT THE SITE AND VERIFY ALL CONDITIONS AND DIMENSIONS SHOWN ON THE PLANS PRIOR TO COMMENCEMENT OF ANY WORK UNDER THIS CONTRACT.
 - THE CONTRACTOR SHALL APPLY FOR ALL PERMITS AND PAY FOR SAME.
 - ALL IRRIGATION WORK SHALL HAVE BEEN INSPECTED AND APPROVED BY THE ENGINEER PRIOR TO BEGINNING ANY PLANTING WORK.
 - THE CONTRACTOR SHALL CONTACT THE ENGINEER TO COORDINATE ALL INSPECTIONS.
 - THE QUALITY OF WORKMANSHIP AND MATERIALS SHALL BE OF THE HIGHEST STANDARDS. COOPERATION AND FLEXIBILITY IS EXPECTED OF THE CONTRACTOR TOWARD WORKING WITH THE CITY IN PRODUCING THE BEST POSSIBLE PRODUCT.
 - UPON COMPLETION OF EACH PHASE OF WORK, THE CONTRACTOR SHALL THOROUGHLY CLEAN THE SITE OF ALL ACCUMULATED RUBBISH, DEBRIS, AND OTHER EXTRANEOUS MATERIAL.
- SCOPE OF WORK - CONTRACTOR SHALL FURNISH ALL MATERIAL, LABOR, TRANSPORTATION, EQUIPMENT AND PROPERTY TO COMPLETE THE LANDSCAPING OF THE PLANTING AREAS AS INDICATED ON, OR REASONABLY IMPLIED BY THE DRAWINGS AND OR NOTES.
 - INCLUDED AS A PART OF THE WORK, BUT NOT NECESSARILY LIMITED BY IT ARE THE FOLLOWING ITEMS: FINE GRADING OF ALL PLANTING AREAS; PREPARATION OF ALL PLANTING AND TREE HOLES; FURNISHING AND INSTALLATION OF ALL PLANT MATERIALS; PROVIDING MAINTENANCE THROUGHOUT THE PROJECT PERIOD; PROVIDING PLANT ESTABLISHMENT WORK THROUGHOUT THE SPECIFIED PERIOD; CLEAN-UP AND WEEDING OF ALL LANDSCAPE AREAS; GUARANTEE OF ALL PLANT MATERIAL AND WORKMANSHIP FOR A PERIOD OF ONE (1) YEAR.
- THE CONTRACTOR SHALL REMOVE ALL WEEDS, ROCKS OVER 1" DIAMETER, DEBRIS AND OTHER EXTRANEOUS MATERIAL FROM THE JOB SITE IN A LEGAL MANNER PRIOR TO PROCEEDING WITH ANY WORK UNDER THIS CONTRACT.
- ALL TREES AND SHRUBS SHALL BE PLANTED PER THESE NOTES AND AS DETAILED. ALL PLANT MATERIAL SHALL BE OF THE HIGHEST QUALITY AND LARGEST REASONABLE SIZE AVAILABLE FOR THE SPECIFIED CONTAINER SIZE (WITHOUT BEING ROOT BOUND). SHRUB MATERIALS SHALL BE VIGOROUSLY GROWING, HEALTHY PLANT MATERIAL, FULL AND BUSHY; OF HINES WHOLESALE NURSERY / MONROVIA NURSERY COMPANY QUALITY OR EQUAL. ALL PLANT MATERIAL WILL BE INSPECTED FOR APPROVAL WHEN SPOTTED FOR PLANTING. ANY MATERIAL OF QUESTIONABLE QUALITY, OR OF LESS THAN THE LARGEST REASONABLE SIZE MATERIAL AVAILABLE WILL BE REJECTED.
- THE ENGINEER SHALL APPROVE THE LOCATION OF ALL OF THE ONE GALLON, FIVE GALLON, AND FIFTEEN GALLON PLANT MATERIAL AS APPROXIMATELY SPOTTED IN THE FIELD BY THE CONTRACTOR. ALL BOXED MATERIAL SHALL BE STAKED FOR LOCATION APPROVAL PRIOR TO PLANT PIT EXCAVATION. PRIOR TO PLANTING, THE INSPECTOR WILL SELECT THE BEST SIDE AND FACE ALL SPECIMEN TREES.
- TREE TIES SHALL BE PER CITY STANDARDS. INSTALL PER MANUFACTURER'S SPECIFICATIONS.
- ALL GROUND COVER AS NOTED IN THE LEGEND SHALL BE ROOTED TIP CUTTINGS FROM FLATS OR LINERS UNLESS OTHERWISE SPECIFIED, AND SHALL BE PLANTED IN STAGGERED ROWS CONTINUOUSLY UNDER ALL TREES AND SHRUBS IN THE AREAS AS DESIGNATED ON THE PLANS AND AT THE SPACING INDICATED IN THE LEGEND. ALL GROUND COVER AND SHRUB AREAS WITH LESS THAN 3:1 SLOPE SHALL RECEIVE A MIN. 2" LAYER OF MULCH AS SPECIFIED. SLOPES 3:1 AND GREATER SHALL RECEIVE JUTE NETTING.
- TO ALL PLANTING AREAS LESS THAN 3:1 SLOPE AND PRIOR TO IRRIGATION SYSTEM INSTALLATION, CROSS RIP OR OTHERWISE TILL 12" DEEP. AFTER CROSS RIPPING, ROTO-TILL SOIL PREP AMENDMENTS 6" DEEP (SEE SOIL PREP / BACKFILL NOTE).

D Planting Notes

PLANTING NOTES CONT.

- FOR BACKFILL AROUND TREES AND SHRUBS, USE THE FORMULA AS INDICATED IN THE SOIL PREP / BACKFILL NOTE. MIXING SHALL BE DONE AT ONE LOCATION.
- WEED ABATEMENT - TO ALL PLANTING AREAS, AFTER EARTHWORK, INSTALLATION OF IRRIGATION SYSTEM AND SOIL PREPARATION, THE FOLLOWING WEED ABATEMENT WORK SHALL BE DONE:
 - KEEP AREAS MOIST BY REGULAR IRRIGATIONS FOR A PERIOD OF TWO WEEKS (MINIMUM) TO GERMINATE EXISTING WEED SEEDS.
 - KILL WEEDS WITH CONTACT WEED KILLER PER LICENSED HERBICIDE AGENCY SPECIFICATIONS. AFTER COMPLETE WEED KILL, REMOVE WEED RESIDUE AND TOP GROWTH.
- PRE-EMERGENT PROGRAM - PRIOR TO INSTALLATION OF GROUND COVER, CONTRACTOR SHALL INSTALL A PER-EMERGENT HERBICIDE, EPATM OR EQUAL, TO ALL PROPOSED GROUND COVER AREAS PER MANUFACTURER'S RECOMMENDATIONS.
- MAINTENANCE - THE CONTRACTOR SHALL MAINTAIN ALL PLANTED AREAS THROUGHOUT THE CONTRACT PERIOD. MAINTENANCE SHALL CONSIST OF PROPER WATERING, FERTILIZATION, WEEDING, AND GENERAL CLEAN-UP. PLANTS SHALL BE KEPT IN A HEALTHY GROWING CONDITION.
- PLANT ESTABLISHMENT PERIOD - THE PLANT ESTABLISHMENT PERIOD SHALL COMMENCE UPON THE ENGINEER'S WRITTEN APPROVAL OF ALL PHASES OF PLANTING INSTALLATION AND SHALL BE FOR NINETY (90) CONTINUOUS CALENDAR DAYS. PLANT ESTABLISHMENT WORK SHALL INCLUDE THREE (3) FERTILIZER APPLICATIONS TO ALL PLANTED AREAS DURING THIRTY (30) DAY INTERVALS DURING THE PLANT ESTABLISHMENT PERIOD (REFER TO FERTILIZER PROGRAM NOTE FOR TYPE AND APPLICATION RATES).
- PLANT ESTABLISHMENT PROCEDURES - THE GENERAL CARE AND MAINTENANCE OF ALL AREAS SHALL CONSIST OF PROPER WATERING, FERTILIZATION, WEEDING, CLEAN-UP, AND AS FOLLOWS:
 - CULTIVATE AND WEED AT NOT LESS THAN TEN (10) WORKING DAY INTERVALS.
 - THREE (3) FERTILIZER APPLICATIONS PER NOTE ABOVE WITH FERTILIZER AT THE RATE AND FORMULA AS INDICATED IN THE SOIL PREP/BACKFILL NOTE.
 - CONTRACTOR SHALL MAINTAIN THE IRRIGATION SYSTEMS IN A LIKE NEW, OPERATING CONDITION, ADJUSTING HEAD HEIGHTS, THROW AND SPRAY ARCS AS NECESSARY. THE CONTRACTOR IS RESPONSIBLE FOR PROPER WATERING OF ALL PLANTED AREAS, AND SHALL REPLACE ANY MATERIAL DAMAGED DUE TO IMPROPER MOISTURE.
 - ANY CONCENTRATED DEVELOPMENT OF WEED GROWTH THAT MAY APPEAR IN PLANTING AREAS DURING PLANT ESTABLISHMENT PERIOD SHALL BE REMOVED AT THIRTY (30) DAY INTERVALS. THE CONTRACTOR MAY ELECT TO REMOVE SUCH CONCENTRATIONS OF WEEDS MANUALLY OR BY AN APPROVED HERBICIDE PROGRAM.
 - DURING THE COURSE OF THE MAINTENANCE WORK, THE CONTRACTOR SHALL REMOVE SURPLUS MATERIALS AND DEBRIS FROM THE SITE AND SHALL KEEP THE PREMISES IN A NEAT AND CLEAN CONDITION AT ALL TIMES.
 - DURING THE PLANT ESTABLISHMENT PERIOD, THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ADEQUATE PROTECTION FOR ALL PLANTING AREAS. ANY DAMAGED AREAS SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.

E Irrigation

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UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA

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REGISTERED LANDSCAPE ARCHITECT
STATE OF CALIFORNIA

F 6"x6" Concrete Mowcurb

PREPARED UNDER THE DIRECTION OF
TIMOTHY I. MALONEY
REGISTERED LANDSCAPE ARCHITECT, RLA 2110
EXPIRATION DATE 10/31/04
SCALE: N.T.S. NORTH:
DATE: 6/24/03

G Planting Notes

CITY OF RIVERSIDE
3900 MAIN STREET
RIVERSIDE, CA 92522

BENCHMARK

MARK REVISIONS APPR. DATE

DESIGNED BY TY DRAWN BY KCK CHECKED BY TY

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY: [Signature] BY: DATE: 10-02-03
PARK DEPARTMENT
DATE: 10-02-03

TYLER STREET
MEDIANS
LANDSCAPE PLANS
PLANTING DETAILS

PROJECT NO. 011048
LP-26
SHEET 27 OF 27
FILE NO. R-3575-L

INDEXED 5-24-04

PC-4381-M/IR