

RIVERSIDE CITY OF RIVERSIDE CALIFORNIA

PUBLIC WORKS DEPARTMENT

MAGNOLIA AVENUE MEDIAN LANDSCAPING BUCHANAN STREET TO 1000' E'LY

EXISTING UNDERGROUND & TOPOGRAPHY LEGEND

EXISTING UNDERGROUND UTILITIES:

SANITARY SEWER ——— 8" ——— WATER LINE ——— 6" W ——— STORM DRAIN ——— 24" SD ——— GAS LINE ——— 3" G ——— ABANDONED UTILITY ——— 6" G (ABAND.) ———	TELEPHONE CONDUIT ——— T ——— ELECTRICAL CONDUIT ——— E ——— ELECTROLIER LIGHTING CONDUIT ——— ELC ——— TRAFFIC SIGNAL ——— SIG ——— FIRE ALARM ——— F ———
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EXISTING TOPOGRAPHY:

BLOCK WALL ——— BOARD FENCE ——— WIRE FENCE ——— CHAIN LINK FENCE ———	TOP OF SLOPE ——— TOE OF SLOPE ——— DIRECTION OF FLOW ———
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(S) SANITARY SEWER M.H. (C) SANITARY SEWER CLEANOUT (D) STORM DRAIN M.H. (I) IRRIGATION WEIR (W) WATER M.H. (G) GAS M.H. (E) ELECTRIC M.H. (T) TELEPHONE M.H. (M) WATER METER (H) FIRE HYDRANT (S) SPRINKLER HEAD (V) VALVE (A) AIR VALVE (A) AIR VENT (B) BUS STOP SIGN (B) BLOW-OFF VALVE (S) IRRIGATION STAND PIPE	(P) POLE & GUY ANCHOR (P) POWER POLE (T) TELEPHONE POLE (R) TELEPHONE RISER (J) JOINT USE POLE (F) FULL BOX (T) TRAFFIC SIGN (P) PARKING METER (F) FIRE ALARM BOX (S) STREET NAME SIGN (G) GAS METER (M) MAIL BOX (F) FAUCET (W) WALK-DON'T WALK (P) PEDESTRIAN SIGNAL (E) ELECTROLYSIS TEST STATION (W) WHEEL STOP (A) A.C. BERM	(P) PEDESTRIAN PUSH BUTTON (R) RAILROAD TRACKS (R) RAILROAD SIGNAL (R) RAILROAD SIGNAL (T) TRAFFIC SIGNAL (T) TRAFFIC SIGNAL ON MAST ARM (T) TRAFFIC SIGNAL CONTROLLER (T) TRAFFIC SIGNAL PRESSURE DETECTOR (T) TRAFFIC SIGNAL LOOP DETECTOR (S) STREET LIGHT & TRAFFIC SIGNAL ON MAST ARM (S) STREET LIGHT (UPRIGHT) (S) STREET LIGHT ON MAST ARM (S) STEEL POST (W) WOOD POST
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CONSTRUCTION LEGEND

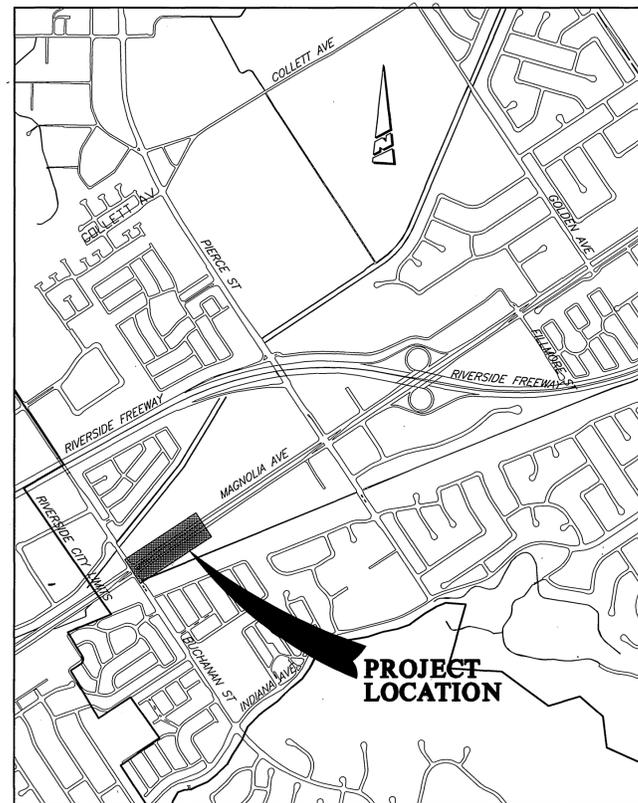
CENTER LINE ——— C ———	TOP OF SLOPE ———
RIGHT-OF-WAY ——— R/W ———	TOE OF SLOPE ———
SUBDIVISION LOT LINE ——— PL ———	DIRECTION OF FLOW ———

CONSTRUCT 3 1/2" THICK STAMPED CONCRETE - LOW PROFILE/LOW WAFFLE BAUMANITE 12" X 12" TILE PATTERN OR APPROVED EQUAL. COLOR TO BE ADOBE TAN OR APPROVED EQUAL, SEE SPEC. PROVISIONS.

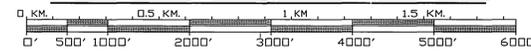
SPECIFIC CONSTRUCTION NOTES

NUMBERS ABOVE 100 IN A HEXAGON ON THE PLAN REFER TO THE RESPECTIVE STANDARD DRAWING AND SHALL BE CONSTRUCTED ACCORDINGLY. UNLESS MODIFICATIONS ARE NOTED ON THE PLAN OR COVER SHEET. ANY NUMBER SHOWN BELOW THE STANDARD DRAWING NUMBER INDICATES THE SPECIFIC ALTERNATE TO BE CONSTRUCTED.

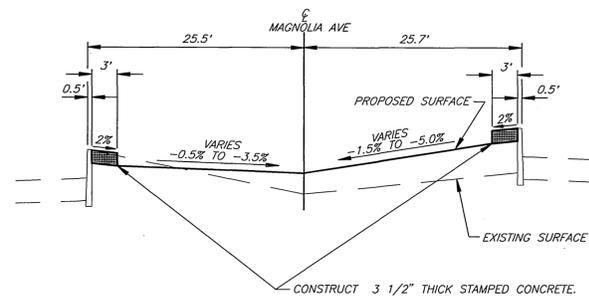
- (PIP) PROTECT IN PLACE.
- (1) REMOVE AND SALVAGE EXISTING WOODEN SIGN
- (2) REMOVE EXISTING CONCRETE FOUNDATION
- (3) REMOVE EXISTING OLEANDERS
- (4) REMOVE PORTION OF EXISTING 18" PVC S.D. AND INSTALL INLET PER STD DWG. 412 AND CONSTRUCT 3" THICK A.C. APRON R=5' AROUND INLET.
- (5) TREE PLANTING AREA TO BE COVERED WITH LANDSCAPE MULCH.
- (6) SOIL TO BE PREPARED FOR GROUND COVER PLANTING PER SPECS.
- (7) INSTALL REDWOOD HEADER.



PROJECT LOCATION PLAN



SCALE: 1"=1000'



TYPICAL SECTION

SCALE: HORIZ 1"=10'
VERT 1"=2'

GENERAL CONSTRUCTION NOTES

- (1) EXISTING UTILITIES SHOWN ON THIS PLAN ARE PLOTTED FROM UTILITY RECORDS. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO LOCATE AND PROTECT ALL UTILITIES WHETHER OR NOT SHOWN ON THIS PLAN. IF THE COVER OF A UTILITY IS KNOWN, IT IS SHOWN IN THE PROFILE. UTILITIES SHOWN IN THE PROFILE AS INDICATES THAT THE COVER IS UNKNOWN, BUT THE UTILITY IS NOT EXPECTED TO CONFLICT WITH THE PROPOSED IMPROVEMENTS.
- (2) ALL ELEVATIONS SHOWN ON THE PLANS SHALL BE STAKED IN THE FIELD.
- (3) PRIME CONTRACTORS BIDDING THIS WORK SHALL HAVE A CLASS A OR C-27 LICENSE.
- (4) RIGHTS OF ENTRY HAVE BEEN OBTAINED FOR WORK SHOWN OUTSIDE OF CITY RIGHT OF WAY.

SHEET INDEX

CONSTRUCTION PLANS	2
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ENGINEER IN RESPONSIBLE CHARGE
Richard D. McGrath
 RICHARD D. McGRATH
 R.C.E. No. 31952 expires 12/31/96
 DATE 9/30/96



DESIGNED BY	CURT	DRAWN BY	CURT	CHECKED BY	
MARK		REVISIONS		APPR. DATE	

CITY OF RIVERSIDE, CALIFORNIA PUBLIC WORKS DEPARTMENT			
APPROVED BY	BY	DATE	APPROVED BY
DEPUTY P.W. DIRECTOR	<i>R.M.L.</i>	9/30/96	<i>D. Campbell</i>
PRINCIPAL ENGINEER			
CHIEF P.W. INSPECTOR			
TRAFFIC DIVISION			
SURVEYOR			
TRAFFIC DIVISION			
DATE			10/1/96

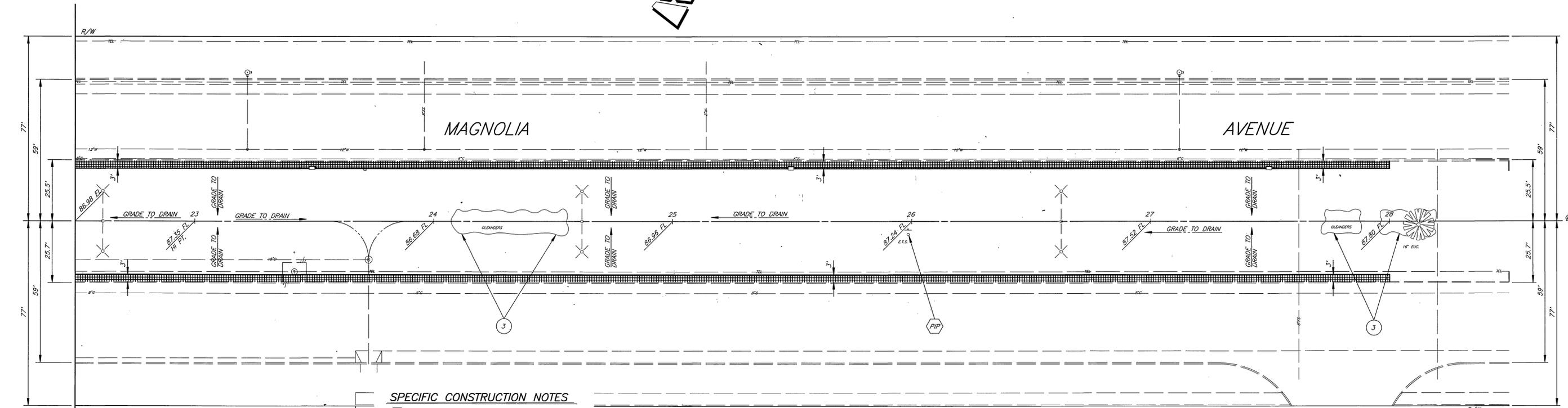
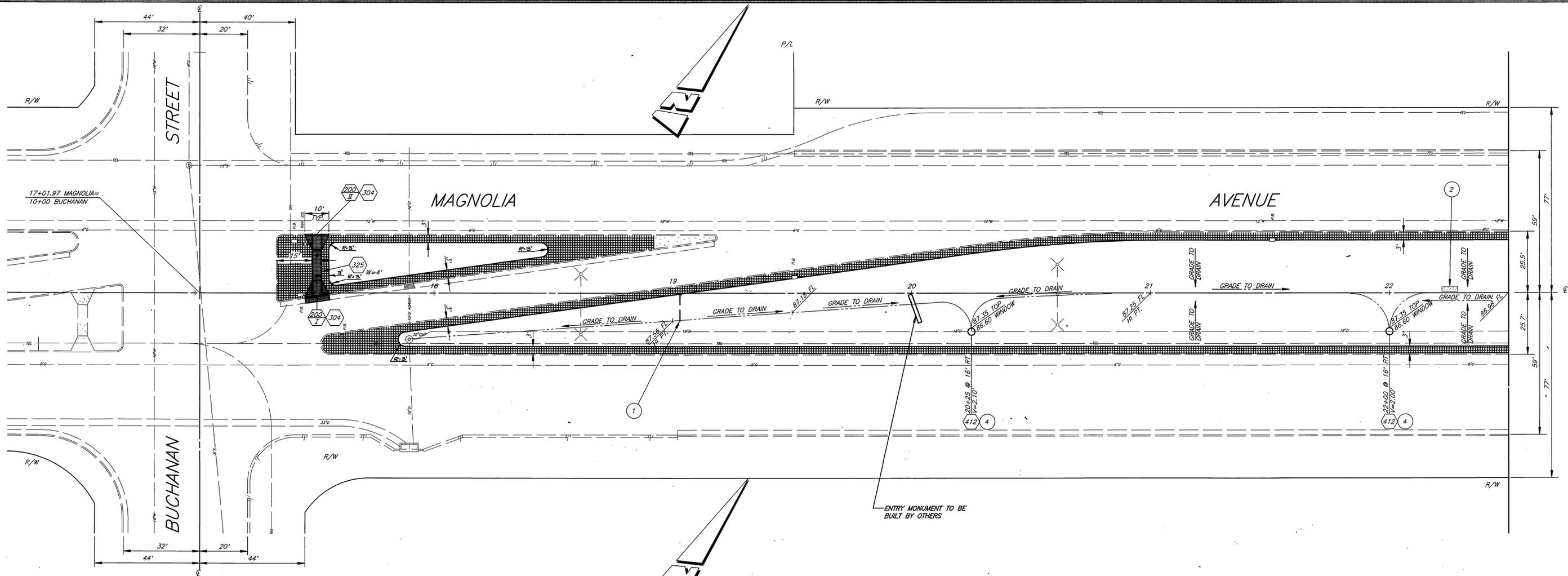
MAGNOLIA AVE MEDIAN
LANDSCAPING
BUCHANAN TO 1000' E'LY

ACCT. NO. 230-541500-440223-30096

R-3440

SHEET 1 OF 5

INDEXED 9-17-97 G/H



CONSTRUCTION LEGEND

CONSTRUCT 3 1/2" THICK STAMPED CONCRETE - LOW PROFILE/LOW WAFFLE BAUMANITE 12" X 12" TILE PATTERN OR APPROVED EQUAL, COLOR TO BE ADOBE TAN OR APPROVED EQUAL, SEE SPEC. PROVISIONS.

SPECIFIC CONSTRUCTION NOTES

- PIP PROTECT IN PLACE.
- 1 REMOVE AND SALVAGE EXISTING WOODEN SIGN
- 2 REMOVE EXISTING CONCRETE FOUNDATION
- 3 REMOVE EXISTING OLEANDERS
- 4 MODIFY 412 INLET TO HAVE 18" CSP INLET OPPOSITE 18" CSP OUTLET REMOVE PORTION OF EXISTING 18" PVC S.D. AND INSTALL INLET PER STD DWG- 412 AND CONSTRUCT 3" THICK A.C. APRON R=5' AROUND INLET.

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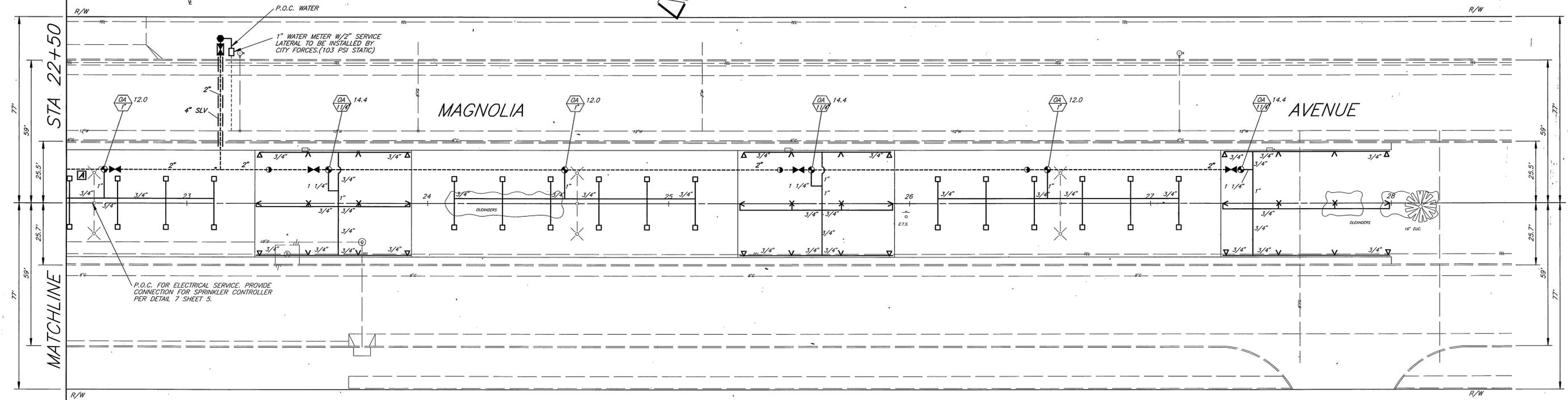
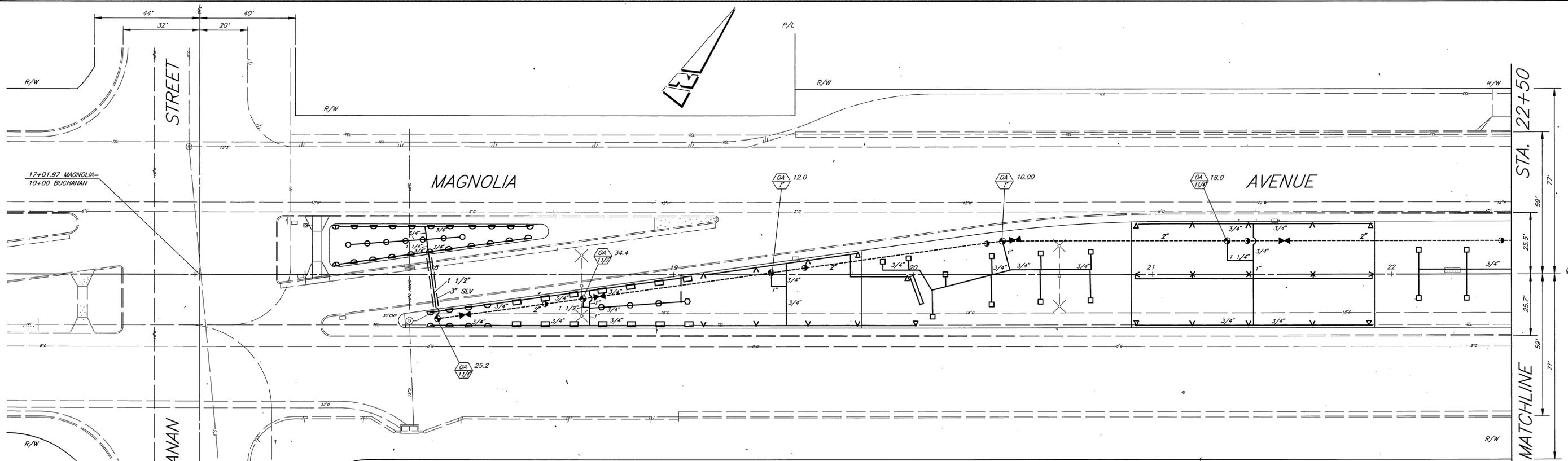
CITY OF RIVERSIDE, CALIFORNIA PUBLIC WORKS DEPARTMENT			
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DEPUTY P.W. DIRECTOR			
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CHIEF P.W. INSPECTOR			
STREET SERVICES			
SURVEYOR			
TRAFFIC DIVISION			
PARKS DEPARTMENT			

CONSTRUCTION PLANS
 MAGNOLIA AVE MEDIAN
 LANDSCAPING
 BUCHANAN TO 1000' E'LY

ACCT. NO. 280-541500-46223-30066
R-3440
 SHEET 2 OF 3

HORIZ. SCALE: 1" = 20'

INDEXED 9-17-97 4-11



IRRIGATION LEGEND			
SYMBOL	DESCRIPTION	DETAIL	REMARKS
●	GRISWOLD 2000 REMOTE CONTROL VALVE - SIZE PER PLAN	4	SIZE PER PLAN
●	TORO PRV15025 PRESSURE REGULATOR 7-40 GPM - 25 PSI	4	SIZE PER PLAN
⊠	NIBCO T-113 GATE VALVE	1	LINE SIZED
⊠	RAINBIRD RCM-12B CONTROLLER (12 STATION)	6	SIZE PER PLAN
○	RAINBIRD 44IRC 1" QUICK COUPLER	2	SIZE PER PLAN
—	PRESSURE MAINLINE PVC SCH 40 - SIZE PER PLAN		SIZE PER PLAN
—	NON-PRESSURE LATERAL LINE PVC CLEDO		SIZE PER PLAN
—	PVC PIPE & WIRE SLEEVE - SIZE PER PLAN OR 2X PIPE DIA		SIZE PER PLAN
—	UF DIRECT BURIAL CONTROL WIRE, SOLID COPPER		SIZE PER PLAN
—	FEBCO B25Y R.P. BACKFLOW PREVENTER W/WILKENS 500 YBSR PRESSURE REGULATOR/STRAINER	8	SIZE PER PLAN
SYMBOL	DESCRIPTION	REMARKS	
○	RAINBIRD 1402 BUBBLER	0.50 GPM FLOOD BUBBLER, 2 PER TREE	
⊠	RAINBIRD T-12-FC-T30-1.3 ROTOR SPRINKLER 22"R 1.20 GPM	FULL CIRCLE	
⊠	RAINBIRD T-12-PC-T30-1.3 ROTOR SPRINKLER 22"R 1.20 GPM	PART CIRCLE, ADJUSTED TO 180°	
⊠	RAINBIRD T-12-MPR-10F-LA SPRAY SPRINKLER 8"R 1.44 GPM	PART CIRCLE, ADJUSTED TO 90°	
⊠	RAINBIRD 1812-MPR-10H-LA SPRAY SPRINKLER 8"R 0.72 GPM		
⊠	RAINBIRD 1812-MPR-100-LA SPRAY SPRINKLER 8"R 0.36 GPM		
⊠	RAINBIRD 1812-MPR-12" SPRAY SPRINKLER 12"R 2.80 GPM		
⊠	RAINBIRD 1812-MPR-12H SPRAY SPRINKLER 12"R 1.30 GPM		
⊠	RAINBIRD 1812-MPR-12Q SPRAY SPRINKLER 12"R 0.65 GPM		

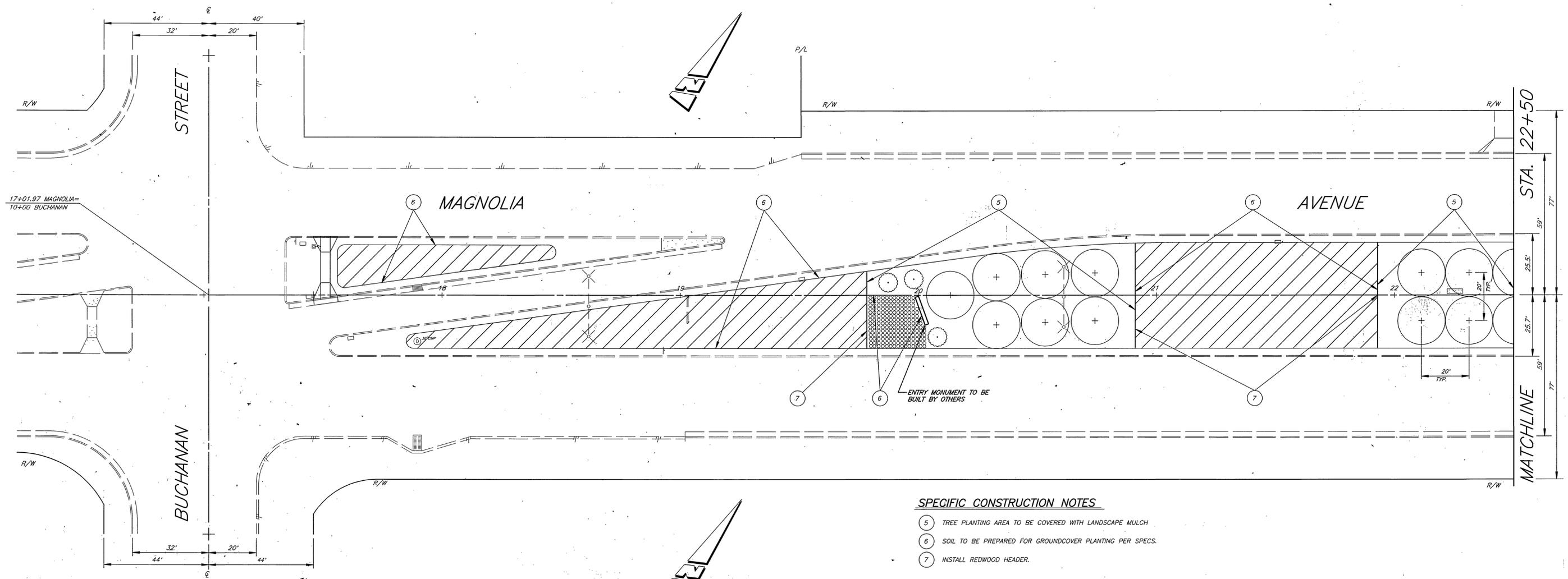
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REVISIONS
 DESIGNED BY CURT DRAWN BY CURT CHECKED BY

CITY OF RIVERSIDE, CALIFORNIA
 PUBLIC WORKS DEPARTMENT
 APPROVED BY: [Signature]
 DEPUTY P.W. DIRECTOR
 PRINCIPAL ENGINEER
 CHIEF P.W. INSPECTOR
 STREET SERVICES
 SURVEYOR
 TRAFFIC DIVISION
 PARKS DEPARTMENT

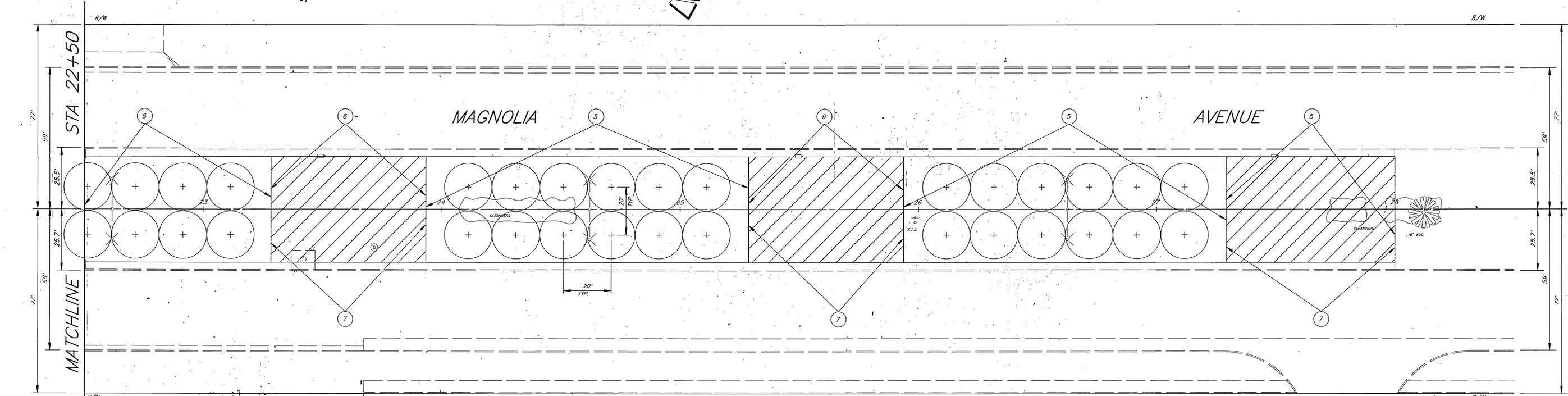
IRRIGATION PLANS
 MAGNOLIA AVE MEDIAN
 LANDSCAPING
 BUCHANAN TO 1000' E'LY
 HORIZ. SCALE: 1" = 20'
 ACCT. NO. 230-541500-40223-30066
 R-3440
 SHEET 3 OF 5

INDEXED 9-17-97 LPH



SPECIFIC CONSTRUCTION NOTES

- 5 TREE PLANTING AREA TO BE COVERED WITH LANDSCAPE MULCH
- 6 SOIL TO BE PREPARED FOR GROUND COVER PLANTING PER SPECS.
- 7 INSTALL REDWOOD HEADER.



PLANTING LEGEND

- NAVEL ORANGE TREE-24" BOX 43 REQ'D. (TO BE PLANTED BY OTHERS)
- KUMQUAT TREE-24" BOX 3 REQ'D. (TO BE PLANTED BY OTHERS)
- PERENNIAL FLOWERS 1 GAL. 16" O.C. 300 REQ'D. (TO BE PLANTED BY OTHERS)
- STAR JASMINE GROUND COVER 1 GAL. 2" O.C. 4500 REQ'D. (TO BE PLANTED BY OTHERS)

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 PUBLIC WORKS DEPARTMENT

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DEPUTY P.W. DIRECTOR	<i>[Signature]</i>	10/1/96	<i>[Signature]</i>
PRINCIPAL ENGINEER	<i>[Signature]</i>	10/1/96	PUBLIC WORKS DIRECTOR
CHIEF P.W. INSPECTOR	<i>[Signature]</i>		
STREET SERVICES	<i>[Signature]</i>		
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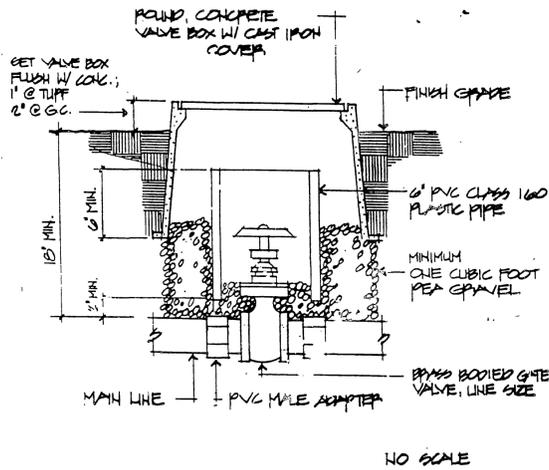
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LANDSCAPE PLANS
 MAGNOLIA AVE MEDIAN
 LANDSCAPING
 BUCHANAN TO 1000' E'LY

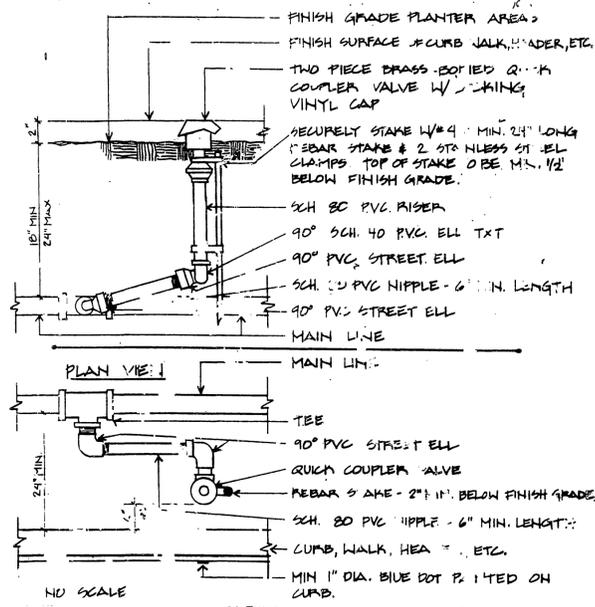
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ACCT. NO. 230-541500-440223-30086
R-3440
 SHEET **4** OF **5**

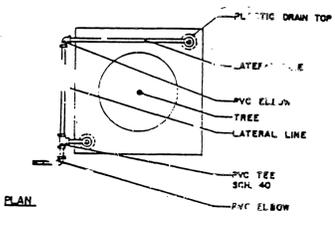
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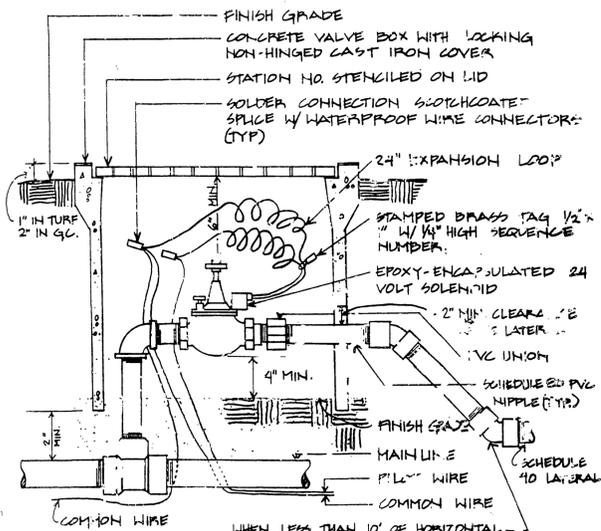
1 TYPICAL GATE VALVE ASSEMBLY



2 TYPICAL QUICK COUPLER VALVE

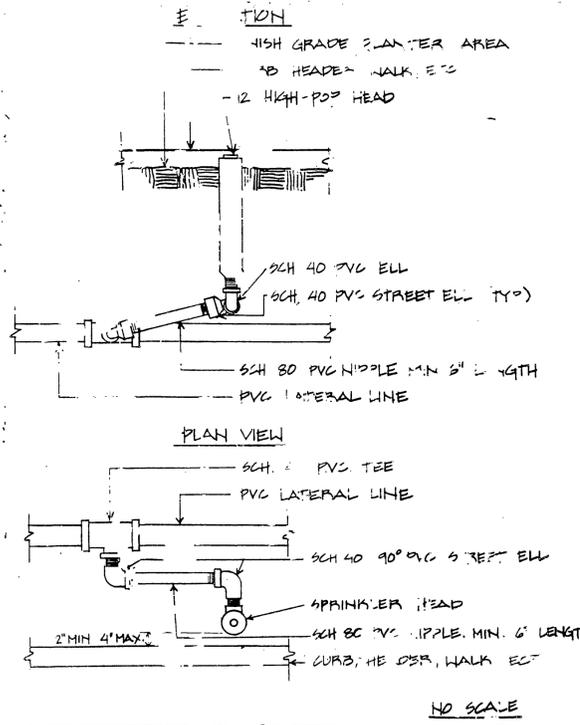


3 TYPICAL TREE WELL IRRIGATION ASSEMBLY

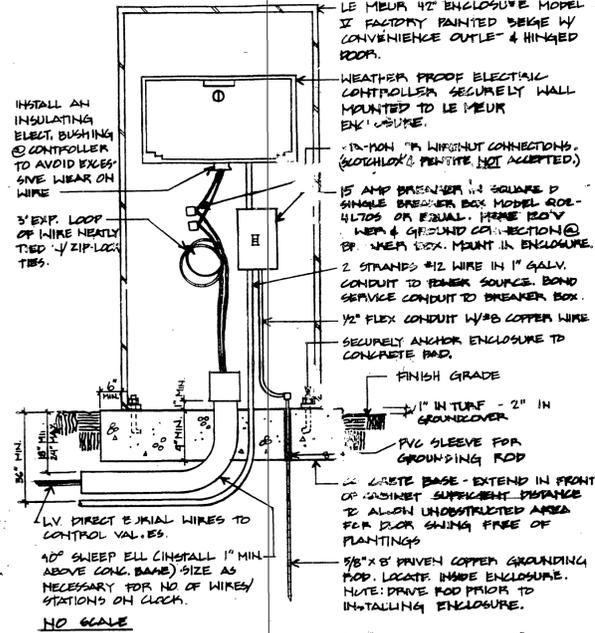


NOTES: 1) EACH VALVE SHALL HAVE ITS OWN TEE OR ELL CONNECTION TO THE MAINLINE. NO MANIFOLD CONNECTIONS.
2) PROVIDE MINIMUM 3' CLEAR DISTANCE BETWEEN VALVES.
3) INSTALL VALVE BOX IN A MANNER THAT BOX DOES NOT REST ON ANY IRRIGATION PIPE.

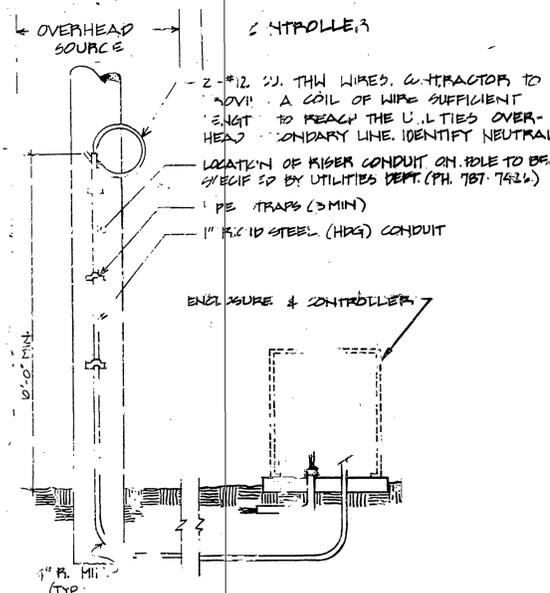
4 TYPICAL AUTOMATIC VALVE



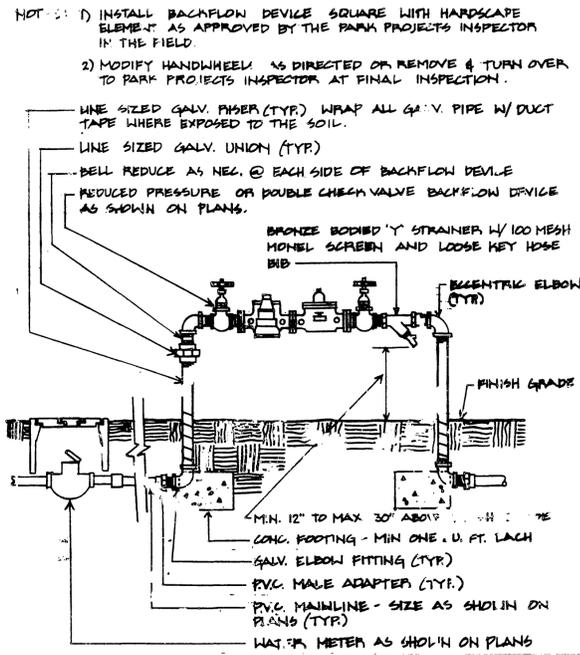
5 TYPICAL SPRAY HEAD ASSEMBLY



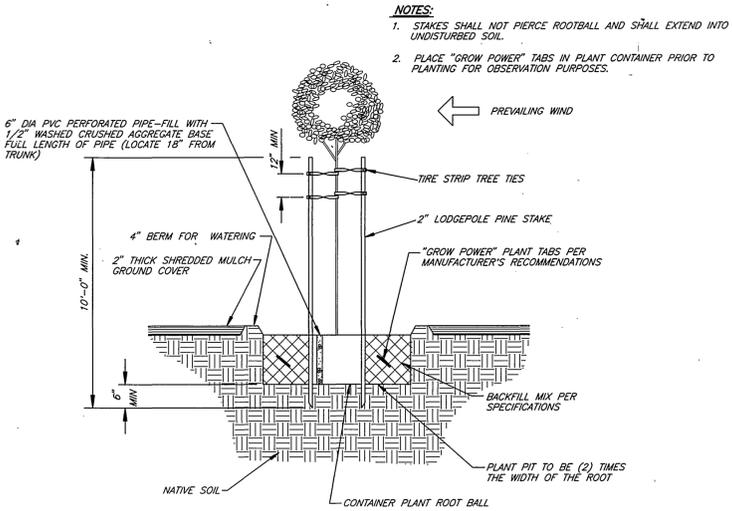
6 TYPICAL CONTROLLER



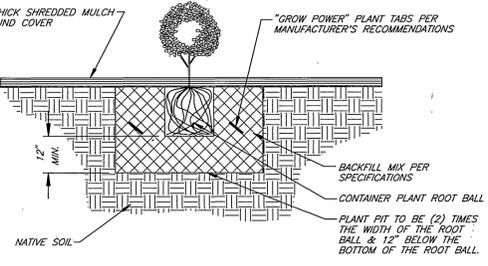
7 TYPICAL ELECTRIC CONNECTION



8 TYPICAL BACKFLOW DEVICE



9 STREET TREE PLANTING/STAKING DETAIL



10 SHRUB PLANTING DETAIL

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PRINCIPAL ENGINEER	R.D.M.	9/10/96			
CHIEF P.W. INSPECTOR					
STREET SERVICES					
SURVEYOR					
TRAFFIC DIVISION					
PARKS DEPARTMENT					

IRRIGATION & PLANTING DETAILS		ACCT. NO. 280-5H500-440225-30086
MAGNOLIA AVE MEDIAN LANDSCAPING BUCHANAN TO 1000' E'LY		R-3440
SHEET 5 OF 5		

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