

INCORPORATED 1883  
  
**RIVERSIDE CALIFORNIA**  
**PUBLIC WORKS DEPARTMENT**

**CONSTRUCTION LEGEND**



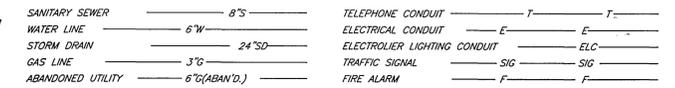
-  CONSTRUCT STRUCTURAL SECTION OF: 0.42' D.G.A.C. OVER 1.50' C.A.B.
-  REMOVE AND REPLACE EXIST. A.C. PAVEMENT WITH 0.42' D.G.A.C. OVER 1.50' C.A.B.
-  CONSTRUCT STRUCTURAL SECTION OF: 0.42' D.G.A.C. OVER 1.20' C.A.B.
-  REMOVE AND REPLACE EXIST. A.C. PAVEMENT WITH 0.42' D.G.A.C. OVER 1.20' C.A.B.
-  CONSTRUCT A VARIABLE THICKNESS DGAC OVERLAY (0.03' TO 0.20')
-  CONSTRUCT 3 1/2" THICK STAMPED CONCRETE REDDISH IN COLOR OR APPROVED EQUAL

**TYLER STREET @ CYPRESS AVENUE  
 INTERSECTION WIDENING  
 400' S'LY OF CYPRESS AVE TO GOULD STREET**

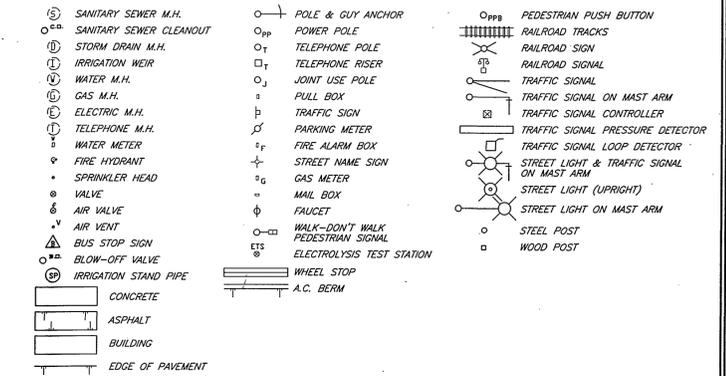
STPLG 5058 (038)

**EXISTING UNDERGROUND AND TOPOGRAPHY LEGEND**

**EXISTING UNDERGROUND UTILITIES:**

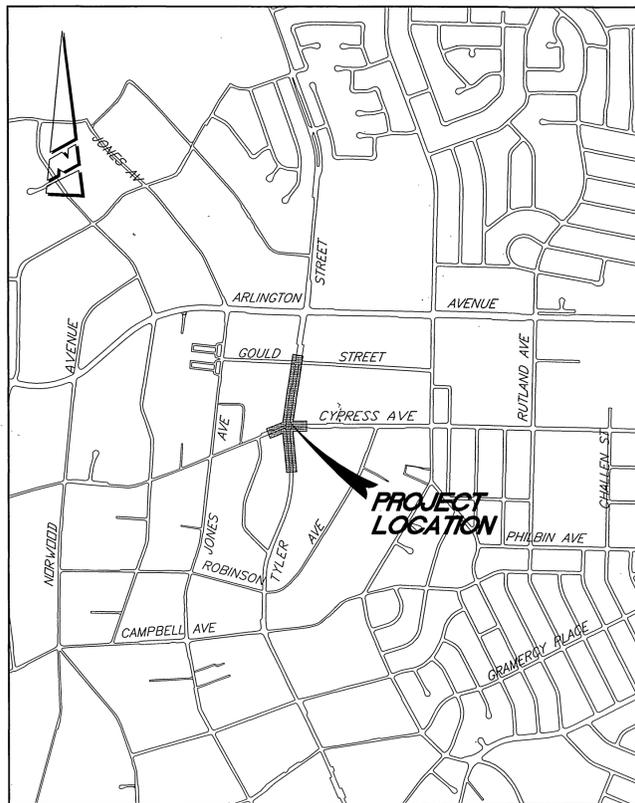


**EXISTING TOPOGRAPHY:**

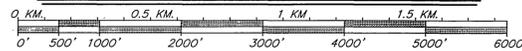


**SPECIFIC CONSTRUCTION NOTES**

- 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.
-  REMOVE EXISTING TREE, CLASS I-6" TO 18", CLASS II-18" TO 36", CLASS III-OVER 36".
  -  ADJUST MANHOLE FRAME AND COVER TO GRADE.
  -  PROTECT IN PLACE.
  -  STREET TREE TO BE PLANTED BY PARK & RECREATION DEPARTMENT AFTER CONSTRUCTION.
  -  WATER METER TO BE RELOCATED BY THE P.U. WATER DIVISION PRIOR TO CONSTRUCTION.
  -  FIRE HYDRANT TO BE RELOCATED BY THE P.U. WATER DIVISION PRIOR TO CONSTRUCTION.
  -  AIR VALVE TO BE RELOCATED BY THE P.U. WATER DIVISION PRIOR TO CONSTRUCTION.
  -  POWER POLE TO BE RELOCATED BY THE P.U. ELECTRIC DIVISION PRIOR TO CONSTRUCTION.
  -  TELEPHONE FACILITIES ARE TO BE RELOCATED PRIOR TO CONSTRUCTION BY PACIFIC BELL.
  -  EXISTING NATURAL GAS FACILITIES TO BE RELOCATED BY SOUTHERN CALIFORNIA GAS COMPANY PRIOR TO CONSTRUCTION.
  - 1 RELOCATE EXISTING FENCE TO BEHIND PROPOSED IMPROVEMENTS.
  - 2 RELOCATE EXISTING CHAIN LINK FENCE TO BEHIND PROPOSED IMPROVEMENTS.
  - 3 EXISTING TELEPHONE BOOTH TO BE RELOCATED BY OTHERS PRIOR TO CONSTRUCTION.
  - 4 EXISTING STRUCTURE AND FOUNDATION TO BE DEMOLISHED AND DISPOSED OF PER SPECIFICATIONS.
  - 5 REMOVE AND SALVAGE EXISTING STREET SIGN.
  - 6 RELOCATE EXISTING STREET NAME SIGN PER STD DWG NO. 662.
  - 7 REMOVE EXISTING CURB AND GUTTER AND DRIVEWAY APPROACH.
  - 8 REGRADE EXISTING DIRT DRIVEWAY TO LIMITS SHOWN.
  - 9 CONSTRUCT 6" THICK P.C.C. DRIVEWAY MATCH-UP.
  - 10 CONSTRUCT 4" THICK D.G.A.C. DRIVEWAY MATCH-UP.
  - 11 ADJUST EXISTING GATE VALVE BOX TO GRADE.



**PROJECT LOCATION PLAN**



SCALE: 1"=1000'

**GENERAL NOTES FOR PLANTING**

1. ALL RELATED WORK SHALL CONFORM TO THE CITY OF RIVERSIDE PARK AND RECREATION DEPARTMENT STANDARDS.
2. CONTACT THE PARKS DEPT. INSPECTOR A MINIMUM OF 48 HOURS IN ADVANCE AT (909) 715-3469 TO SCHEDULE INSPECTION. INSPECTIONS SHALL BE REQUIRED:
  - a) PRIOR TO COMMENCEMENT OF IRRIGATION WORK, TO CONFIRM REQUIRED INSPECTIONS FOR INSTALLATION OF THE IRRIGATION SYSTEM.
  - b) WHEN PLANT LOCATIONS HAVE BEEN SPOTTED IN THE FIELD PRIOR TO DIGGING PLANT PITS.
  - c) WHILE DIGGING PLANT PITS.
  - d) AFTER PLANTING AND ALL OTHER INDICATED OR SPECIFIED WORK HAS BEEN COMPLETED FOR START OF MAINTENANCE.
  - e) AT END OF MAINTENANCE/FINAL ACCEPTANCE (CONTRACTOR WILL BE RELEASED FROM MAINTENANCE ONLY UPON RECEIPT WRITTEN NOTIFICATION FROM THE CITY THAT THE PARK AND RECREATION DEPARTMENT IS ASSUMING MAINTENANCE RESPONSIBILITIES).
3. THE CONTRACTOR SHALL MAINTAIN ALL PLANTINGS FOR A MINIMUM PERIOD OF NINETY (90) DAYS.

**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-12 LICENSE.
- 4 CONFLICTING UTILITIES SHOWN WITHIN CONSTRUCTION AREA WILL BE RELOCATED PRIOR TO CONSTRUCTION.
- 5 TEMPORARY CONSTRUCTION EASEMENTS HAVE BEEN OBTAINED FOR WORK SHOWN OUTSIDE OF CITY RIGHT OF WAY.
- 6 ALL PERMANENT PAVEMENT DELINEATION WILL BE PERFORMED BY CITY FORCES.

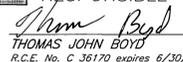
**SHEET INDEX**

STREET CONSTRUCTION PLANS	R-3465 SHEETS 2-5
LANDSCAPE PLANS	R-3465 SHEETS 6-7
TRAFFIC SIGNAL PLANS	X-388
PAVEMENT DELINEATION AND STRIPING	XL-417
STREET LIGHTING	L5-691140
UNDERGROUND ELECTRIC	U5-694344

**PLAN**

R-3465 SHEETS 2-5
R-3465 SHEETS 6-7
X-388
XL-417
L5-691140
U5-694344

\*AS-BUILT PER PLAN 0-20-03 4A

ENGINEER IN RESPONSIBLE CHARGE  
  
 THOMAS JOHN BOYD  
 R.C.E. No. C-36170 expires 6/30/2000  
 DATE 9/14/99



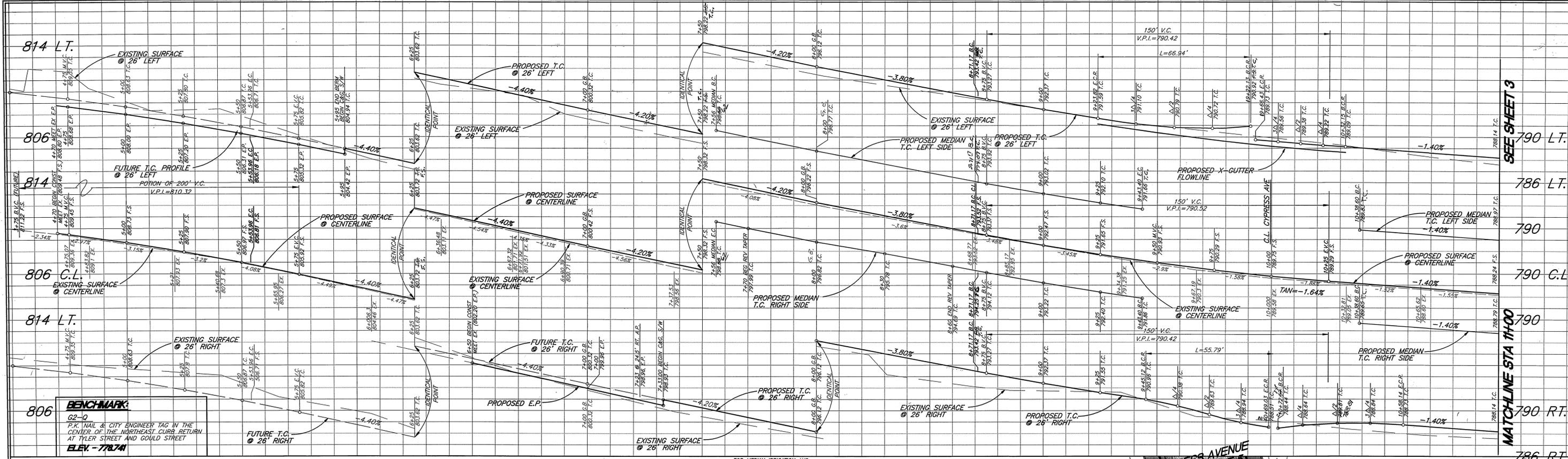
MARK	REVISIONS	APPR.	DATE
DESIGNED BY	CURT	DRAWN BY	CURT
CHECKED BY			

CITY OF RIVERSIDE, CALIFORNIA PUBLIC WORKS DEPARTMENT			
APPROVED BY	BY	DATE	APPROVED BY
DEPUTY P.W. DIRECTOR		9/14/99	PUBLIC WORKS DIRECTOR
PRINCIPAL ENGINEER			
STREET SERVICES			
SURVEYOR			
TRAFFIC DIVISION			
PARKS DEPARTMENT			

**TYLER ST/CYPRESS AVE  
 INTERSECTION WIDENING  
 400' S'LY OF CYPRESS TO GOULD  
 TYLER STREET**

**R-3465**  
 SHEET 1 OF 7

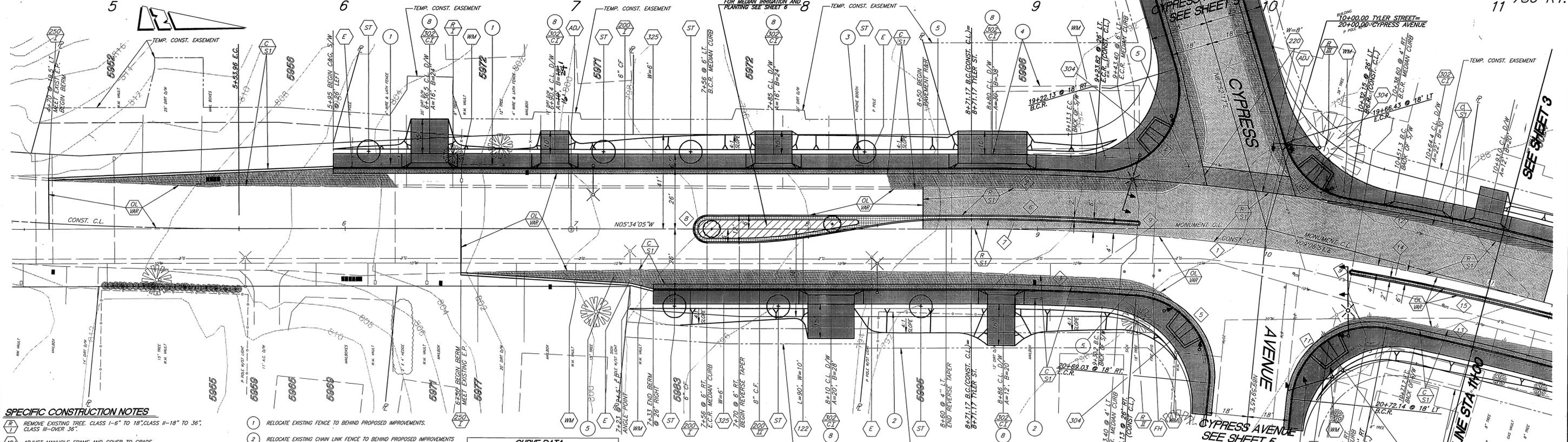
HORIZ. SCALE: 1" = 20'



SEE SHEET 3  
790 LT.  
786 LT.  
790  
790 C.L.  
790  
790 RT.  
786 RT.

MATCHLINE STA 1100  
MATCHLINE STA 1100

**BENCHMARK:**  
G2-0  
P.K. MAIL & CITY ENGINEER TAG IN THE CENTER OF THE NORTHEAST CURB RETURN AT TYLER STREET AND GOULD STREET  
ELEV. -778.741

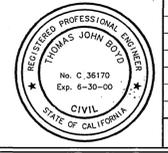


- SPECIFIC CONSTRUCTION NOTES**
- RELOCATE EXISTING FENCE TO BEHIND PROPOSED IMPROVEMENTS.
  - RELOCATE EXISTING CHAIN LINK FENCE TO BEHIND PROPOSED IMPROVEMENTS.
  - EXISTING TELEPHONE BOOTH TO BE RELOCATED BY OTHERS PRIOR TO CONSTRUCTION.
  - EXISTING STRUCTURE AND FOUNDATION TO BE DEMOLISHED AND DISPOSED OF PER SPECIFICATIONS.
  - REMOVE AND SALVAGE EXISTING STREET SIGN.
  - RELOCATE EXISTING STREET NAME SIGN PER STD DWG NO. 662.
  - REGRADE EXISTING DIRT DRIVEWAY TO LIMITS SHOWN.
  - CONSTRUCT 6" THICK P.C.C. DRIVEWAY MATCH-UP.
  - CONSTRUCT 4" THICK D.G.A.C. DRIVEWAY MATCH-UP.
  - ADJUST EXISTING GATE VALVE BOX TO GRADE.

**CURVE DATA**

NO.	R	Δ	L	T
1	1000.00'	14°40'56"	256.25'	128.83'
2	1026.00'	3°01'00"	54.02'	27.02'
3	974.00'	4°14'16"	72.04'	36.04'
4	35.00'	109°34'39"	66.94'	49.59'
5	35.00'	91°19'34"	55.79'	35.82'
6	1006.00'	4°08'25"	72.70'	36.36'
7	1003.00'	4°08'25"	72.48'	36.26'
8	6.00'	180°00'00"	18.85'	
9	1.00'	180°00'00"	3.14'	
10	35.00'	64°12'57"	39.23'	21.96'
11	35.00'	95°08'56"	58.12'	38.30'
12	1026.00'	5°27'31"	97.74'	48.91'
13	974.00'	3°58'10"	67.48'	33.75'
14	997.00'	5°05'29"	88.59'	44.32'
15	994.00'	5°05'29"	88.33'	44.19'
16	35.00'	96°47'17"	59.12'	39.41'
17	35.00'	84°15'14"	51.47'	31.65'

**TYLER**  
ENGINEER IN RESPONSIBLE CHARGE  
Thomas John Boyd  
R.C.E. No. C 36170 expires 6/30/2000  
DATE 9/14/99



SEE PLAN X-388 FOR TRAFFIC SIGNAL IMPROVEMENTS  
SEE PLAN XL-417 FOR PAVEMENT DELINEATION AND STRIPING

SEE PLAN L5-691140 FOR STREET LIGHTING  
SEE PLAN U5-694344 FOR UNDERGROUND ELECTRIC

DESIGNED BY: CURT  
DRAWN BY: CURT  
CHECKED BY:

CITY OF RIVERSIDE, CALIFORNIA  
PUBLIC WORKS DEPARTMENT

APPROVED BY: [Signature]  
DATE: 9-14-99

DEPUTY P.W. DIRECTOR  
PRINCIPAL ENGINEER  
STREET SERVICES  
SUPERVISOR  
TRAFFIC DIVISION  
PARKS DEPARTMENT

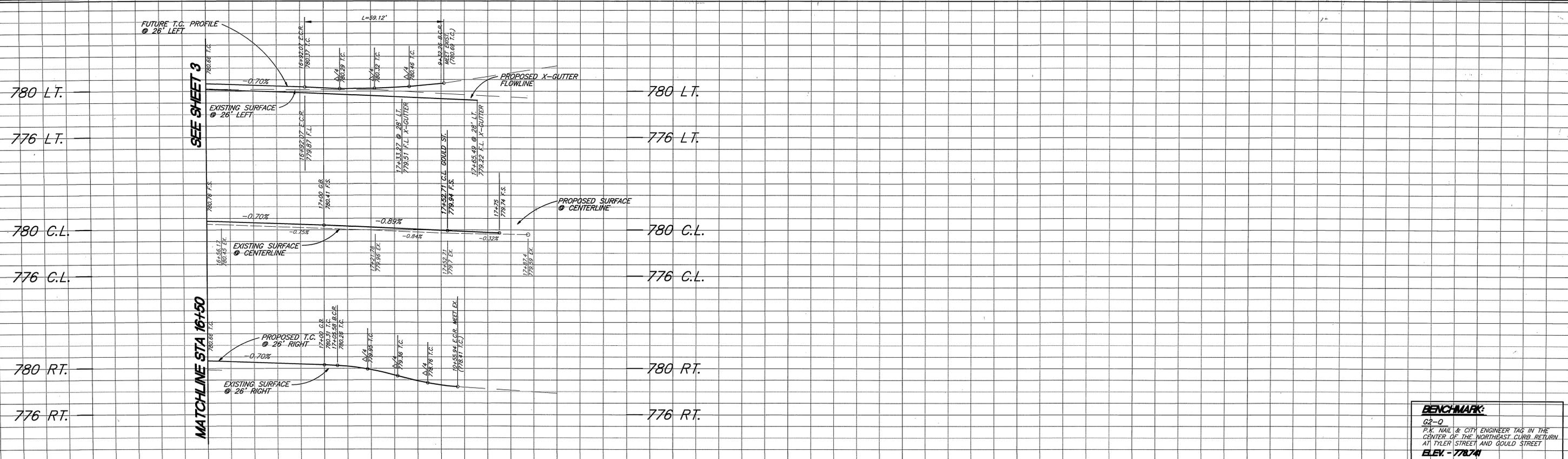
**TYLER ST/CYPRESS AVE**  
INTERSECTION WIDENING  
400' SLY OF CYPRESS TO GOULD  
TYLER STREET

\*AS-BUILT PER PLAN 8-28-03 4th

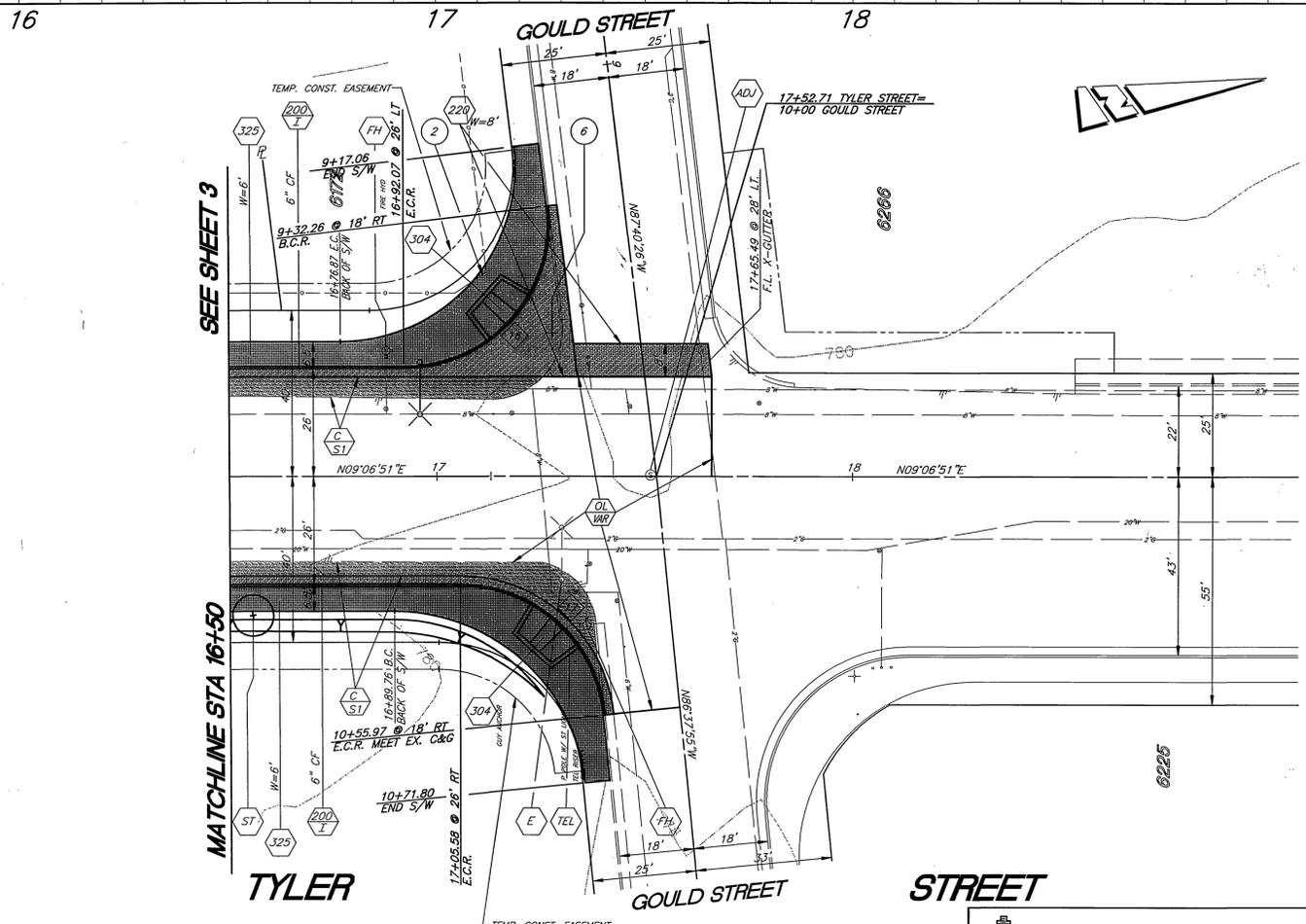
ACCY. NO. 430-541500-440125-30315  
R-3465  
SHEET 2 OF 7  
STPLG 5058 (038)

HORIZ. SCALE: 1" = 20'  
VERT. SCALE: 1" = 4'

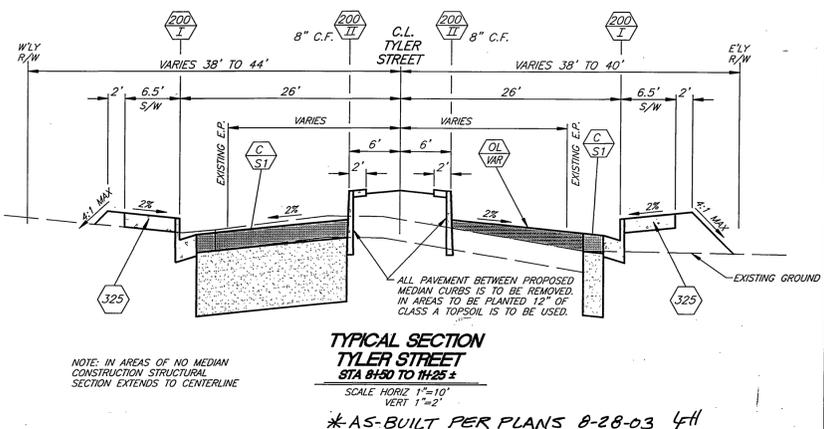
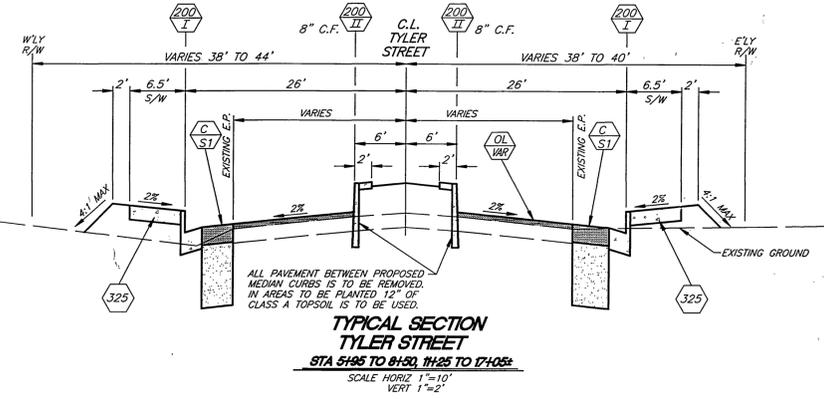




**BENCHMARK:**  
 02-0  
 P.K. NAIL & CITY ENGINEER TAG IN THE CENTER OF THE NORTHEAST CURB RETURN AT TYLER STREET AND GOULD STREET  
 ELEV. - 778.74



- SPECIFIC CONSTRUCTION NOTES**
- (ADJ) ADJUST MANHOLE FRAME AND COVER TO GRADE.
  - (ST) STREET TREE TO BE PLANTED BY PARK & RECREATION DEPARTMENT AFTER CONSTRUCTION.
  - (WM) WATER METER TO BE RELOCATED BY THE P.U. WATER DIVISION PRIOR TO CONSTRUCTION.
  - (FH) FIRE HYDRANT TO BE RELOCATED BY THE P.U. WATER DIVISION PRIOR TO CONSTRUCTION.
  - (E) POWER POLE TO BE RELOCATED BY THE P.U. ELECTRIC DIVISION PRIOR TO CONSTRUCTION.
  - (TEL) TELEPHONE FACILITIES ARE TO BE RELOCATED PRIOR TO CONSTRUCTION BY PACIFIC BELL.
  - (2) RELOCATE EXISTING CHAIN LINK FENCE TO BEHIND PROPOSED IMPROVEMENTS.
  - (5) REMOVE AND SALVAGE EXISTING STREET SIGN.
  - (6) RELOCATE EXISTING STREET NAME SIGN PER STD DWG NO. 662.

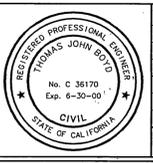


SEE PLAN X-388 FOR TRAFFIC SIGNAL IMPROVEMENTS  
 SEE PLAN XL-417 FOR PAVEMENT DELINEATION AND STRIPING  
 SEE PLAN L5-691140 FOR STREET LIGHTING  
 SEE PLAN U5-694344 FOR UNDERGROUND ELECTRIC

**CURVE DATA**

Curve	R	Δ	L	T
16	35.00'	96°47'17"	59.12'	39.41'
17	35.00'	84°15'14"	51.47'	31.65'

**ENGINEER IN RESPONSIBLE CHARGE**  
 Thomas John Boyd  
 THOMAS JOHN BOYD  
 R.C.E. No. C 35170 expires 6/30/2000  
 DATE 9/14/99



DESIGNED BY **CURT** DRAWN BY **CURT** CHECKED BY \_\_\_\_\_

REVISIONS	APPR.	DATE

CITY OF RIVERSIDE, CALIFORNIA  
 PUBLIC WORKS DEPARTMENT

APPROVED BY: **R. Mc Grath**  
 PUBLIC WORKS DIRECTOR

DATE: 9-19-99

**TYLER ST/CYPRESS AVE INTERSECTION WIDENING**  
 400' S'LY OF CYPRESS TO GOULD TYLER STREET

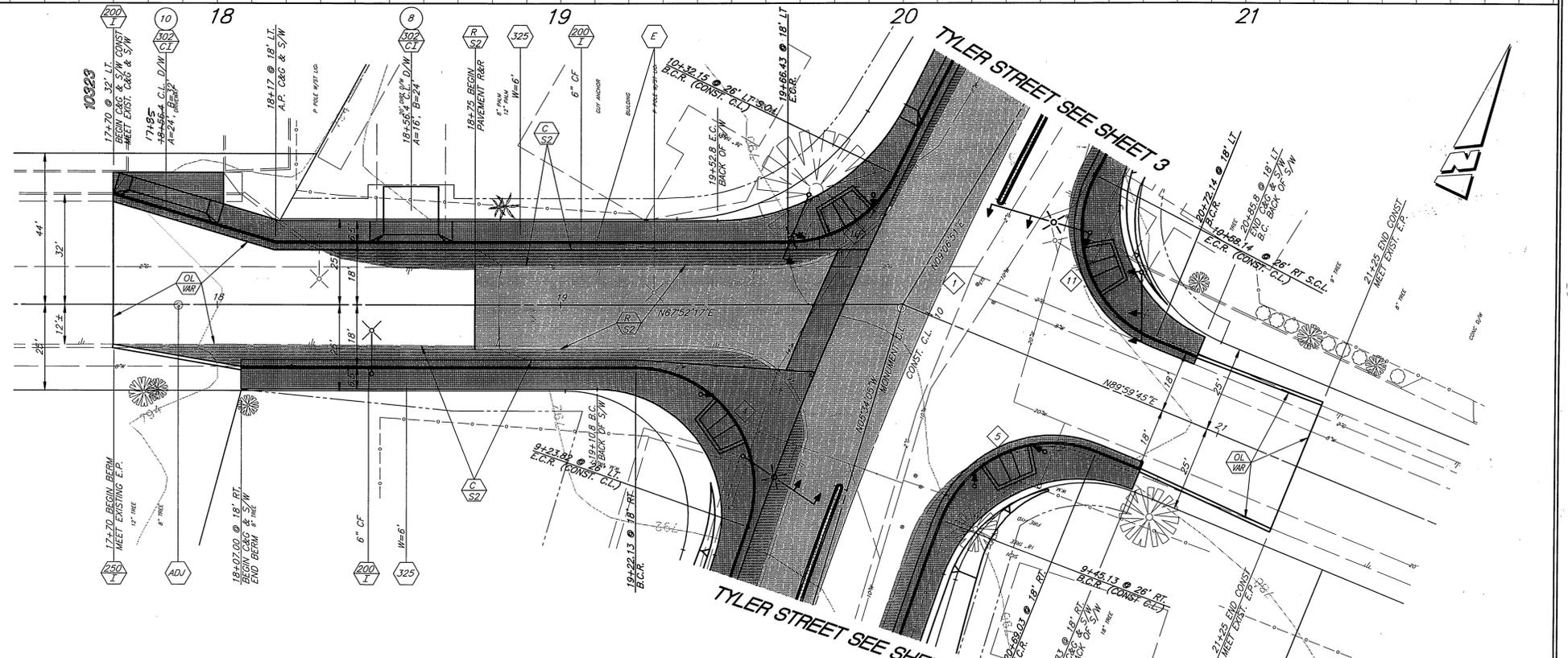
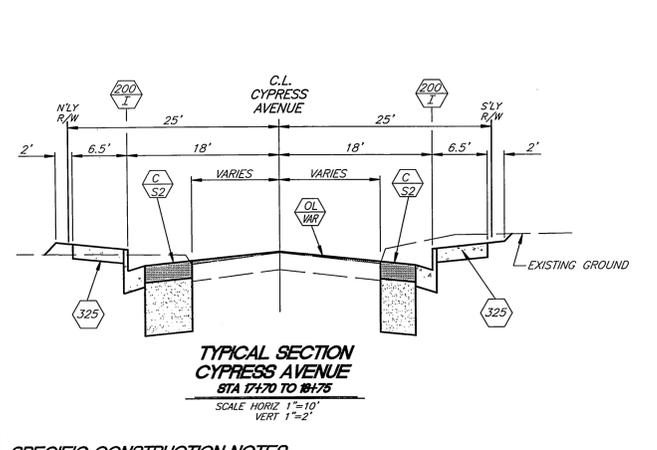
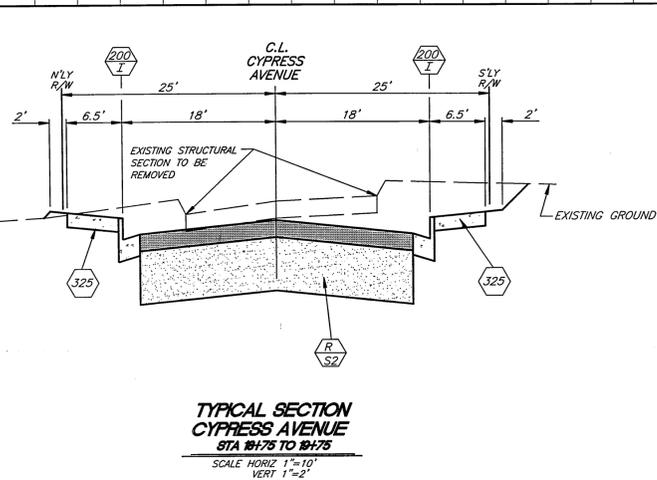
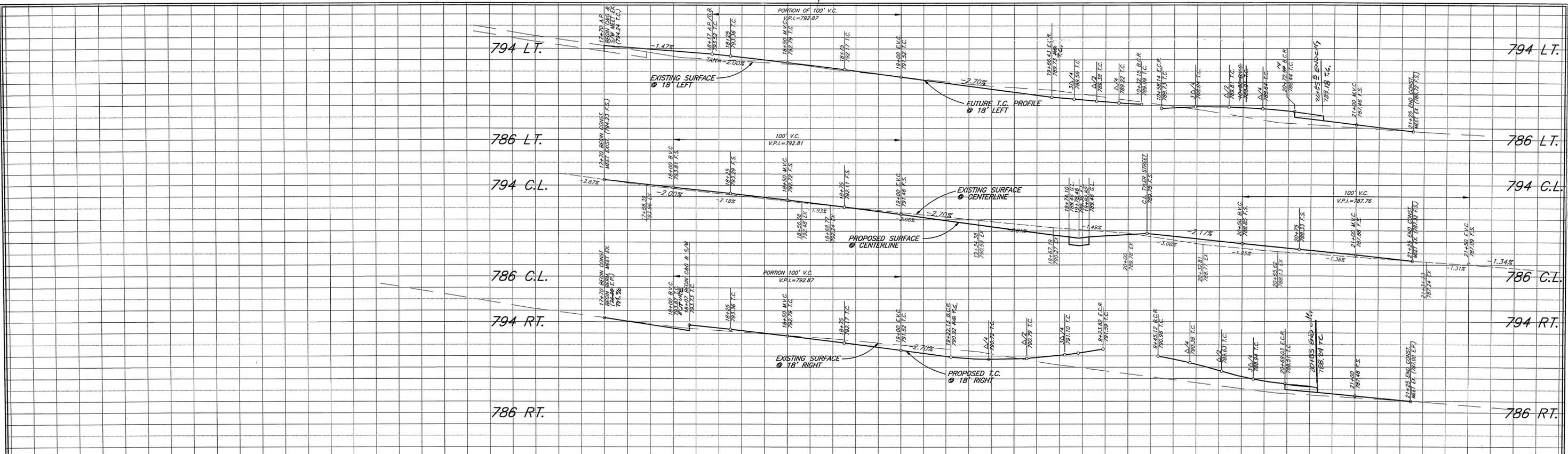
ACCT. NO. 430-541500-440125-30315

**R-3465**

SHEET 4 OF 7

STPLG 5058 (03B)

INDEXED 1-29-01



**SPECIFIC CONSTRUCTION NOTES**

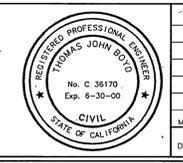
- (ADJ) ADJUST MANHOLE FRAME AND COVER TO GRADE.
- (E) POWER POLE TO BE RELOCATED BY THE P.U. ELECTRIC DIVISION PRIOR TO CONSTRUCTION.
- (R) REGRADE EXISTING DIRT DRIVEWAY TO LIMITS SHOWN.
- (10) CONSTRUCT 4" THICK D.G.A.C. DRIVEWAY MATCH-UP

CURVE DATA				
Station	R	Δ	L	T
4	35.00'	109°34'38"	66.94'	49.59'
5	35.00'	91°19'34"	55.79'	35.82'
10	35.00'	64°12'57"	39.23'	21.96'
11	35.00'	95°08'56"	58.12'	38.30'

**CYPRESS**

SEE PLAN X-388 FOR TRAFFIC SIGNAL IMPROVEMENTS  
 SEE PLAN XL-417 FOR PAVEMENT DELINEATION AND STRIPING  
 SEE PLAN L5-691140 FOR STREET LIGHTING  
 SEE PLAN U5-694344 FOR UNDERGROUND ELECTRIC

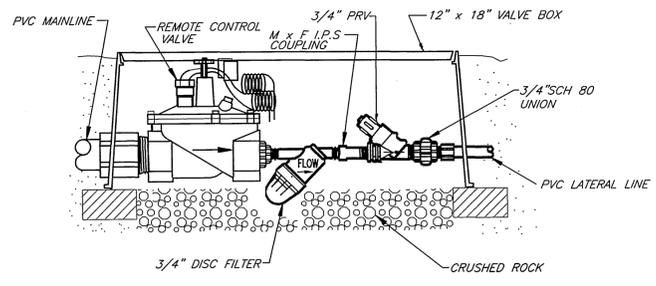
**ENGINEER IN RESPONSIBLE CHARGE**  
 THOMAS JOHN BOYD  
 R.C.E. No. 9 36170 expires 6/30/2000  
 DATE 9/14/99



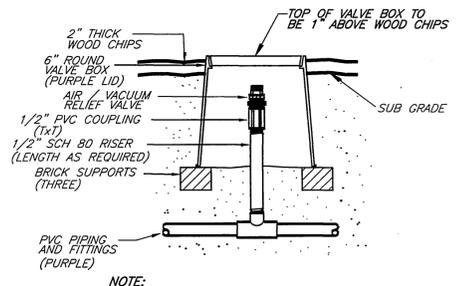
CITY OF RIVERSIDE, CALIFORNIA  
 PUBLIC WORKS DEPARTMENT  
 APPROVED BY: R. Mc Grath  
 PUBLIC WORKS DIRECTOR  
 DATE: 9-14-99

**TYLER ST/CYPRESS AVE INTERSECTION WIDENING**  
 400' SLY OF CYPRESS TO GOULD CYPRESS AVENUE  
 ACCT. NO. 430-541500-440125-30315  
**R-3465**  
 SHEET 5 OF 7  
 STPLG 5058 (038)

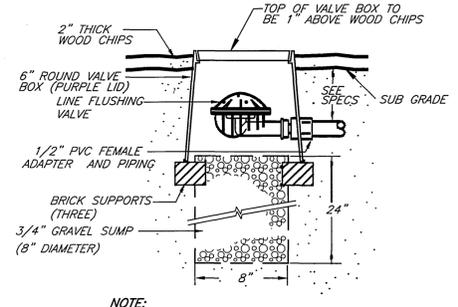
INDEXED 1-29-01



**3.03 PRESSURE REDUCING VALVE**  
CONNECT TO EXISTING RCV & FILTER  
SECTION - NO SCALE



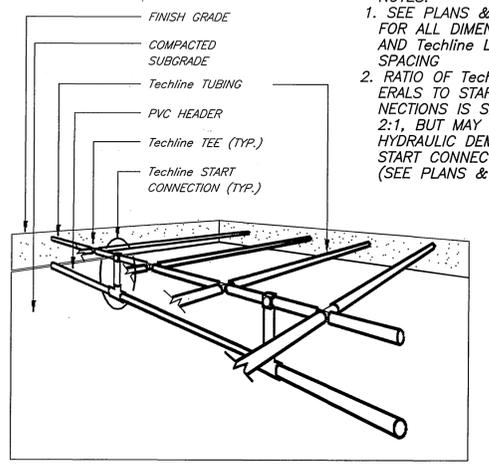
**6.02 AIR/VACUUM RELIEF**  
(PLUMBED TO PVC)  
SECTION - NO SCALE



**7.02 LINE FLUSHING VALVE**  
(PLUMBED TO PVC)  
SECTION - NO SCALE

**IRRIGATION NOTES**

- X.X GPM — G.P.M. REQ'D  
STATION NO. — STATION NO.  
VALVE SIZE — VALVE SIZE
- TREES ARE TO BE PLANTED BY OTHERS AFTER CONSTRUCTION WORK. CONTRACTOR TO INSTALL TREE WELL IRRIGATION ASSEMBLIES PER DETAILS 7 & 8, SHEET 7 AT ALL TREE LOCATIONS.
  - THE METAFIM DRIP IRRIGATION SYSTEM IS TO ROUTED AROUND THE PROPOSED TREE LOCATIONS. A 3' X 3' AREA IS TO LEFT OPEN FOR TREE PLANTING BY OTHERS.
  - ALL DIRT MEDIAN AREAS ARE TO BE FILLED WITH 12" OF CLASS A TOPSOIL AND GRADED TO DRAIN TO THE CURBS. AFTER GRADING IS APPROVED THE SOIL IS TO BE PREPARED AND PLANTED WITH MARATHON II SOD PER THE SPECIAL PROVISIONS.
  - THE CONTRACTOR SHALL MAINTAIN ALL PLANTINGS FOR A MINIMUM PERIOD OF NINETY (90) DAYS.



**8.05 TECHLINE SUB-HEADER**  
INSTALLATION  
NO SCALE

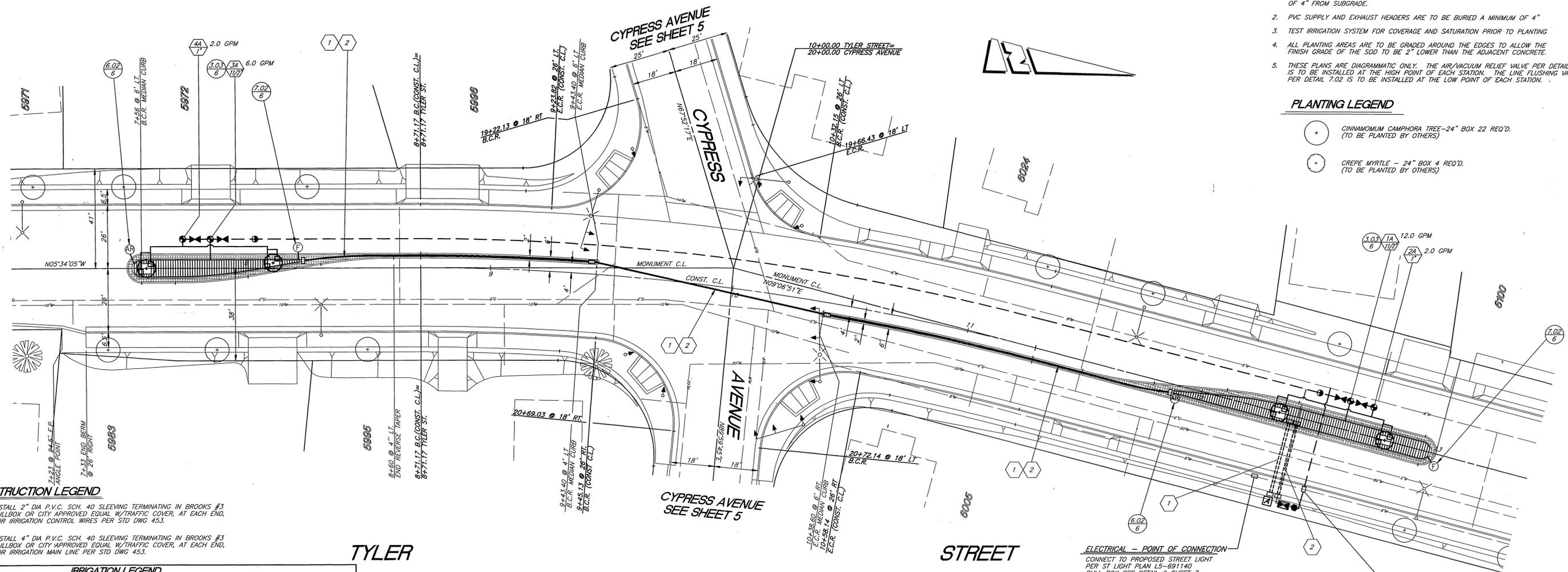
- NOTES:**
- SEE PLANS & LEGEND FOR ALL DIMENSIONS AND Techline LATERAL SPACING
  - RATIO OF Techline LATERALS TO START CONNECTIONS IS SHOWN AT 2:1, BUT MAY VARY PER HYDRAULIC DEMAND ON START CONNECTION. (SEE PLANS & LEGEND)

**GENERAL NOTES**

- TECHLINE LATERAL TUBE SPACING IS BASED ON A "NOMINAL" 12" O.C. SPACING 0.60 GPM FLOW AND 12" DRIPPER INTERVAL. TUBING TO BE BURIED A MINIMUM OF 4" FROM SUBGRADE.
- PVC SUPPLY AND EXHAUST HEADERS ARE TO BE BURIED A MINIMUM OF 4"
- TEST IRRIGATION SYSTEM FOR COVERAGE AND SATURATION PRIOR TO PLANTING
- ALL PLANTING AREAS ARE TO BE GRADED AROUND THE EDGES TO ALLOW THE FINISH GRADE OF THE SOD TO BE 2" LOWER THAN THE ADJACENT CONCRETE.
- THESE PLANS ARE DIAGRAMMATIC ONLY. THE AIR/VACUUM RELIEF VALVE PER DETAIL 6.02 IS TO BE INSTALLED AT THE HIGH POINT OF EACH STATION. THE LINE FLUSHING VALVE PER DETAIL 7.02 IS TO BE INSTALLED AT THE LOW POINT OF EACH STATION.

**PLANTING LEGEND**

- CINNAMOMUM CAMPHORA TREE - 24" BOX 22 REQ'D. (TO BE PLANTED BY OTHERS)
- CREPE MYRTLE - 24" BOX 4 REQ'D. (TO BE PLANTED BY OTHERS)



**CONSTRUCTION LEGEND**

- INSTALL 2" DIA P.V.C. SCH. 40 SLEEVING TERMINATING IN BROOKS #3 PULLBOX OR CITY APPROVED EQUAL W/TRAFFIC COVER, AT EACH END, FOR IRRIGATION CONTROL WIRES PER STD DWG 453.
- INSTALL 4" DIA P.V.C. SCH. 40 SLEEVING TERMINATING IN BROOKS #3 PULLBOX OR CITY APPROVED EQUAL W/TRAFFIC COVER, AT EACH END, FOR IRRIGATION MAIN LINE PER STD DWG 453.

SYMBOL	DESCRIPTION	*DETAIL	REMARKS
⊙	GRISWOLD 2000 REMOTE CONTROL VALVE - SIZE PER PLAN	4	INSTALL IN "ANGLE" CONFIG.
⊙	TONO PRV15025 PRESSURE REGULATOR 7-40 GPM - 25 PSI	1	SIZE PER PLAN
⊙	MIRCO T-585 BALL VALVE	1	LINE SIZED
⊙	VERCO 825Y R.P. BACKFLOW PREVENTER W/WILKENS 500 YBSR PRESSURE REGULATOR/STRAINER	2	SIZE PER PLAN
⊙	RAINBIRD ESP-BMC CONTROLLER (8 STATION)	5	1 REQUIRED
⊙	RAINBIRD 1402 BUBBLER	0.50 GPM	FLOOD BUBBLER, 2 PER TREE
⊙	RAINBIRD 44LRC 1" QUICK COUPLER	3	
—	PRESSURE MAINLINE PVC SCH 40 - 1" UNLESS NOTED		SIZE PER PLAN
—	NON-PRESSURE LATERAL LINE PVC CL115 - 3/4" UNLESS NOTED		SIZE PER PLAN
—	PVC PIPE & WIRE SLEEVE - SIZE PER PLAN OR 2X PIPE DIA		
—	NOT SHOWN		NOT SHOWN
—	UF DIRECT BURIAL CONTROL WIRE - SOLID COPPER		
—	PVC LATERAL LINE/HEADER - 3/4" SCH 40 PVC		
—	TECHLINE DRIP EMITTER LATERAL - METAFIM TLDL-6-12"		0.6 GPM, 12" DRIPPER INTERVAL
⊙	AIR/VACUUM RELIEF VALVE - NETAFIM TLAVR W/1/2" MPT	6.02	IN ROUND PLASTIC VALVE BOX
⊙	FLUSHING VALVE - NETAFIM TLOSOMF V-1 W/1/2" MPT	7.02	IN ROUND PLASTIC VALVE BOX
⊙	PRESSURE REDUCING VALVE - NETAFIM PRV075HP20	3.03	IN 12" X 18" PLASTIC BOX

\* SEE SHEET 7 OF 7 FOR DETAILS

ENGINEER IN RESPONSIBLE CHARGE  
*Thomas John Boyd*  
THOMAS JOHN BOYD  
R.C.E. No. C 36170 expires 6/30/2000  
DATE 9/14/99

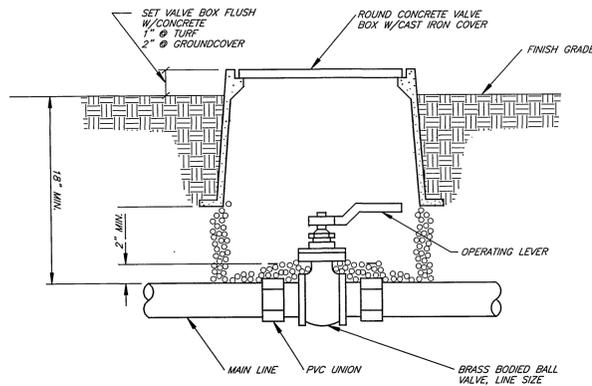


CITY OF RIVERSIDE, CALIFORNIA  
PUBLIC WORKS DEPARTMENT

APPROVED BY: *R. Mc. Smith*  
PRINCIPAL ENGINEER  
STREET SERVICES  
DATE 9-14-99

**IRRIGATION PLANS**  
**TYLER ST/CYPRESS AVE**  
**INTERSECTION WIDENING**  
**400' S'LY OF CYPRESS TO GOULD**

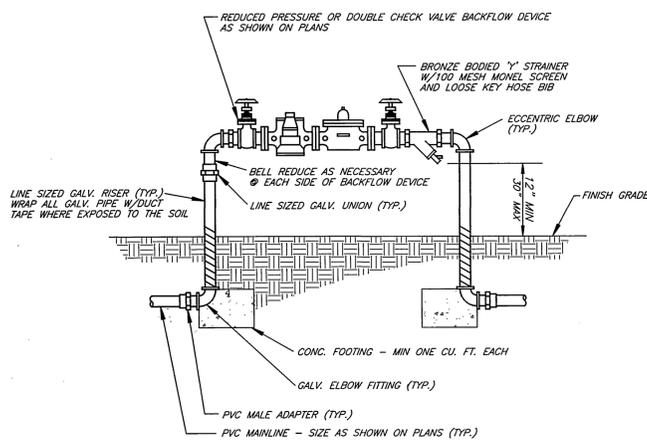
ACCT. NO. 430-541500-440125-30315  
**R-3465**  
SHEET 6 OF 7  
STPLG 5058 (038)



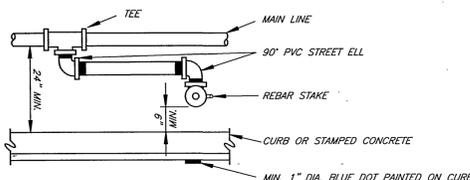
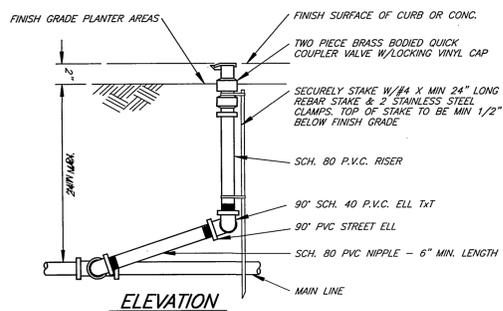
**1 TYPICAL BALL VALVE ASSEMBLY**  
NO SCALE

**NOTES**

- 1) INSTALL BACKFLOW DEVICE SQUARE WITH HARDSCAPE ELEMENT AS APPROVED BY THE PARKS PROJECTS INSPECTOR IN THE FIELD
- 2) MODIFY HANDWHEELS AS DIRECTED OR REMOVE & TURN OVER TO PARKS PROJECTS INSPECTOR AT FINAL INSPECTION



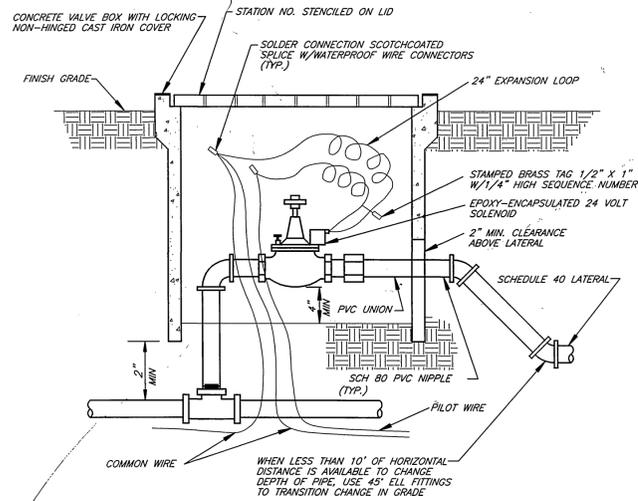
**2 TYPICAL BACKFLOW DEVICE**  
NO SCALE



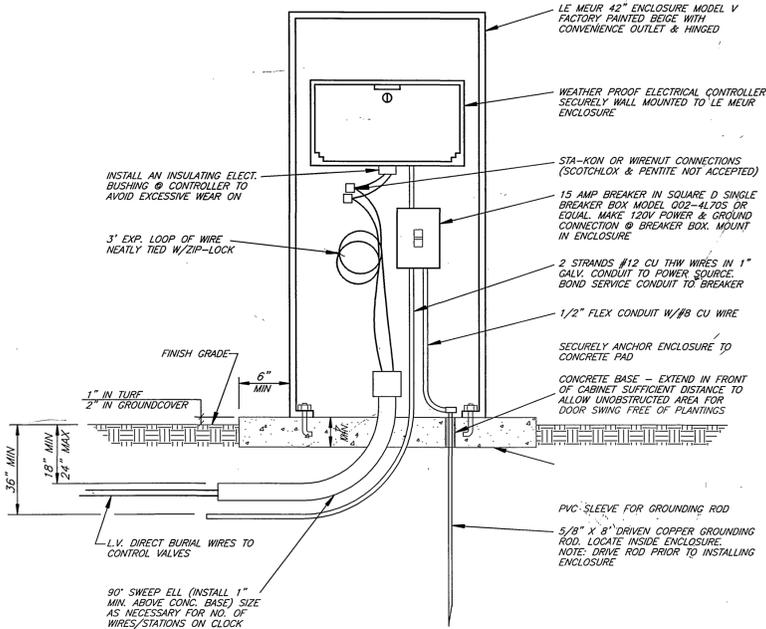
**3 TYPICAL QUICK COUPLER VALVE**  
NO SCALE

**NOTES**

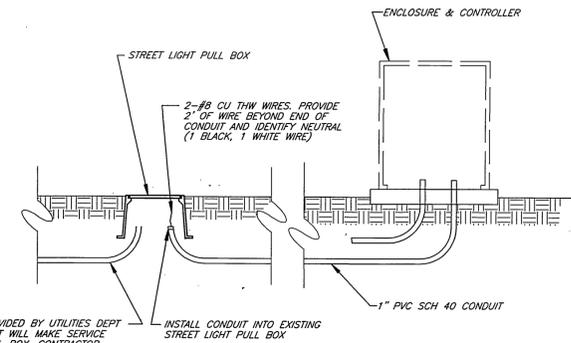
- 1) EACH VALVE SHALL HAVE ITS OWN TEE OR ELL CONNECTION TO THE MAINLINE. NO MANIFOLD CONNECTIONS
- 2) PROVIDE MINIMUM 3' CLEAR DISTANCE BETWEEN VALVES
- 3) INSTALL VALVE BOX IN A MANNER THAT BOX DOES NOT REST ON ANY IRRIGATION LINE



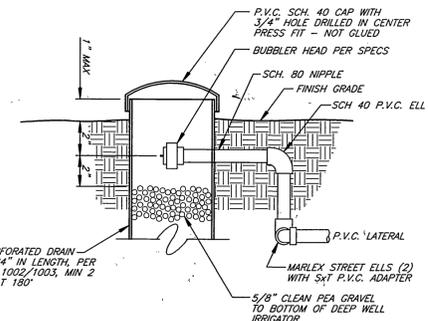
**4 TYPICAL AUTOMATIC VALVE**  
NO SCALE



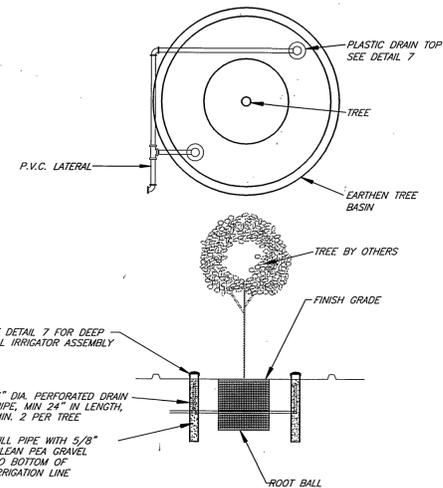
**5 TYPICAL CONTROLLER**  
NO SCALE



**6 ELECTRICAL SERVICE**  
NO SCALE



**7 DEEP WELL IRRIGATOR**  
NO SCALE



**8 TYPICAL TREE WELL IRRIGATION ASSEMBLY**  
NO SCALE

\*AS-BUILT PER PLANS 8-28-03 LHM

ENGINEER IN RESPONSIBLE CHARGE  
*Thomas Boyd*  
THOMAS JOHN BOYD  
R.C.E. No. C 36170 expires 6/30/2000  
DATE 9/14/99



MARK	REVISIONS	APPR.	DATE

CITY OF RIVERSIDE, CALIFORNIA  
PUBLIC WORKS DEPARTMENT

APPROVED BY	DATE	APPROVED BY	DATE
DEPUTY P.W. DIRECTOR	9/19/99	PRINCIPAL ENGINEER	9/19/99
SURVEY SERVICES		SURVEYOR	
TRAFFIC DIVISION		PARKS DEPARTMENT	

IRRIGATION DETAILS  
**TYLER ST/CYPRESS AVE INTERSECTION WIDENING**  
**400' SLY OF CYPRESS TO GOULD**

ACCT. NO. 430-541500-440125-30315  
**R-3465**  
SHEET 7 OF 7  
STPLG 5058 (038)