CITY OF RIVERSIDE
STREET IMPROVEMENTS
FOR
4188 PIERCE STREET

GENERAL NOTES

1. No person shall perform any construction activity or install any objects within the public rights-of-way or easements of the City of Riverside without a valid Construction Permit, or a Street Opening Permit, or an Encroachment Permit issued by the City's Public Works Department.
2. It shall be the responsibility of the contractor to clear the right of way in accordance with the provisions of law as it affects each utility including irrigation lines and appurtenances and at no cost to the City.
3. Construction shall be in accordance with the City of Riverside Department of Public Works, Standard Drawings, its Supplemental Notes and the Standard Specifications for Public Works Construction, current edition.
4. The private engineer signing these plans is responsible for assuring the ocurracy and acceptability of the work hereon. In the event of discrepancies arising during construction, the private engineer shall be responsible for determining an acceptable solution and revising the plans for approval by the City.
5. Quantities shown are for information only and the City of Riverside is not responsible for their accuracy.
6. The developer shall be responsible for preserving or re-establishing and referencing survey monuments destroyed, disturbed, or buried as a result of construction shown hereon.
7. All flagged elevations shall be staked in the field by the private engineer.
8. Where new pavement is to join the existing pavement, the edge of the existing pavement shall be trimmed in a smooth and straight line. Construct match-up paving as shown on the plans and overlay paving as directed in the field to produce a smooth section.
9. Construct driveway approaches per Standard Drawing 302. Exact size and location to be as shown and staked by the private engineer prior to construction of the curb and gutter.
10. On all areas within public right of way where the fill is one (1) foot or greater, a letter will be required from the Soils Engineer, certifying the compaction of the fill below subgrade, prior to issuance of the Construction Permit/Cut Sheets.
11. The contractor shall call in a location request to Underground Service Alert (USA), phone # 1-800-227-2600, two working days before digging. No construction permit will be issued by the Public Works Department involving excavation for underground facilities unless the applicant has been provided an inquiry identification number by USA.
12. Contractor is to verify sewer elevation prior to construction.
13. Location of laterals to be determined in the field at the direction of the owner. Avoid conflict with proposed and/or existing facilities.
14. No finished floor elevation shall be less than 6" above the upper manhole rim elevation of the sewer line segment being connected to, without having a proper backwater valve installed in the lateral.
15. In pavement overlay areas, any distressed existing pavement shall be removed and replaced as directed by the inspector prior to overlaying with A.C. paving.
16. The contractor shall coordinate trenching for cable television with other trenching within the project.
17. All traffic signs shall be installed prior to opening the streets to traffic.
18. Any traffic control striping obliterated and/or worn during construction shall be restored by the contractor within five days after notification from the City Inspectors.
19. Final striping for traffic control and/or pavement marking to be the responsibility of the developer.
20. DEVELOPER TO GIVE CITY WATER DIVISION FIVE(5) WORKING DAYS WRITTEN NOTICE PRIOR TO START OF CONSTRUCTION AND TO ALLOW CITY TEN (10) WORKING DAYS FOR COMPLETION OF WORK. (909-351-6368)
21. SEE CITY OF RIVERSIDE PUBLIC UTILITIES DWG. FOR QUANTITY AND LOCATION OF REQUIRED STREET LIGHTS.

NOTICE TO CONTRACTORS

CONTRACTOR SHALL POTHOLE AT THE TIE-IN STATIONS AND AT ANY OTHER POINTS OF POTENTIAL CONFLICTS WITH UNDERGROUND FACILITIES BEFORE STARTING CONSTRUCTION. EXISTING SUBSURFACE UTILITY DATA ON DRAWINGS WERE COMPILED FROM INFORMATION FURNISHED BY VARIOUS SOURCES. NEITHER THE ACCURACY NOR THE COMPLETENESS OF THE INFORMATION SHOWN IS GUARANTEED PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL VERIFY THE LOCATION AND ELEVATION OF EXISTING WATER MAINS, GAS MAINS, SANITARY SEWERS, STORM DRAINS, ELECTRIC CONDUITS, TELEPHONE LINES AND ANY OTHER UTILITIES WHICH MAY CONFLICT WITH THE DESIGN AND CONSTRUCTION OF THE PROPOSED IMPROVEMENTS. RIM ELEVATIONS SHOWN ON THESE PLANS ARE APPROXIMATE ONLY. THE RING AND COVER SHALL BE ADJUSTED IN THE FIELD TO MATCH THE FINISHED SURFACE OF THE PAVEMENT TO FORM A SMOOTH DRIVING SURFACE. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT ANY UTILITY LINES SHOWN AND ANY OTHER LINES NOT OF RECORD OR NOT SHOWN ON THESE PLANS. THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ALL COSTS FOR THE REPAIR OF ANY AND ALL DAMAGE TO THE CONTRACT WORK OR TO ANY UTILITY (WHETHER PREVIOUSLY KNOWN OR DISCLOSED DURING THE WORK) AS MAY BE CAUSED BY HIS OPERATIONS. UTILITIES NOT SHOWN ON THE DRAWING TO BE RELOCATED OR ALTERED BY OTHERS SHALL BE MAINTAINED BY THE CONTRACTOR. AT THE COMPLETION OF THE CONTRACT WORK, THE CONTRACTOR SHALL LEAVE ALL UTILITIES AND APPURTENANCES IN A CONDITION SATISFACTORY TO THE OWNERS AND THE CITY.

ENGINEER'S NOTICE TO CONTRACTORS

1. THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THESE PLANS WERE OBTAINED BY A SEARCH OF AVAILABLE RECORDS. THESE LOCATIONS ARE APPROXIMATE AND SHALL BE CONFIRMED IN THE FIELD BY THE CONTRACTOR, SO THAT ANY NECESSARY ADJUSTMENT CAN BE MADE IN ALIGNMENT AND/OR GRADE OF THE PROPOSED IMPROVEMENT. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT ANY UTILITY LINES SHOWN AND ANY OTHER LINES NOT OF RECORD OR NOT SHOWN ON THESE PLANS.
2. CARE SHOULD BE TAKEN TO PREVENT GRADED DITCHES AND SWALES FROM UNDERMINING STREET IMPROVEMENTS. UPON INSPECTION OF THE SITES, THE CITY ENGINEER MAY REQUIRE TEMPORARY GUNITE SWALES, ENTERING OR
3. ALL AREAS SHALL SLOPE A MINIMUM OF 1.0% TO STREETS, DRIVE OR SWALE UNLESS OTHERWISE NOTED.
4. QUANTITIES SHOWN HERE ARE FOR PLAN CHECKING PURPOSES ONLY. CONTRACTOR IS RESPONSIBLE TO PERFORM HIS OWN QUANTITIES TAKEOFF.
5. CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS; DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THE REQUIREMENTS SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE CITY OF RIVERSIDE AND THE ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE CITY OF RIVERSIDE OR THE ENGINEER.

NOTE:

FOR LOCATION AND QUANTITY OF STREET LIGHTS, CONTACT CITY OF RIVERSIDE, PUBLIC UTILITIES ELECTRIC DEPARTMENT, DAVID BRIDE AT (909) 782-8666

DIG ALERT
TOLL FREE
1-800-227-2600
48 HOURS BEFORE YOU DIG

REGISTERED PROFESSIONAL ENGINEER
SAN AKBARPOUR
C053038
Exp. 6/30/99
CIVIL
STATE OF CALIFORNIA

R.C.E. No. 53038 — 12.17.98 DATE

EMERGENCY PHONE NUMBERS

CITY OF RIVERSIDE FIRE DEPARTMENT	(909) 782-5321
CITY OF RIVERSIDE POLICE DEPARTMENT	(909) 787-7912
CITY OF RIVERSIDE TRAFFIC DIVISION	(909) 782-5366
CITY OF RIVERSIDE TRAFFIC SIGNALS	(909) 782-6096
STREET SUPERINTENDENT	(909) 782-6129
RIVERSIDE SCHOOLS	(909) 788-7132
GOODHEW AMBULANCE	(909) 684-5520
CORONA REGIONAL MEDICAL CENTER	(909) 736-6241
PACIFIC BELL TELEPHONE	(800) 303-3000
SOUTHERN CALIFORNIA EDISON COMPANY	(909) 351-2450
SOUTHERN CALIFORNIA GAS COMPANY	(800) 227-2600
UNDERGROUND SERVICE ALERT	(800) 422-4133

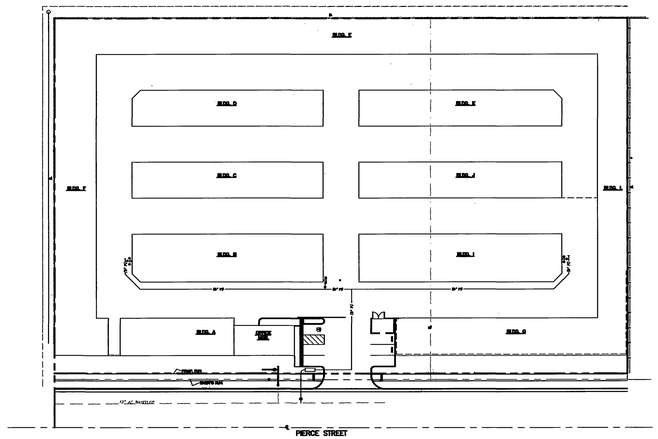
UTILITIES

ELECTRIC	SO. CAL. EDISON CO.
GAS	SO. CAL. GAS CO.
WATER	CITY OF RIVERSIDE
SEWER	CITY OF RIVERSIDE
TELEPHONE	PACIFIC TELEPHONE

LEGEND

- FLOW LINE
- PROPERTY LINE
- CENTER LINE
- W — EXISTING WATER LINE
- SS — EXISTING SANITARY SEWER LINE
- EXISTING SLOPE
- PROPOSED SLOPE
- (600) — EXISTING CONTOUR
- 601 — PROPOSED CONTOUR

G.B.	= GRADE BREAK	TW	= TOP OF WALL
H.P.	= HIGH POINT	R	= RADIUS
E.P.	= EDGE OF PAVEMENT	TF	= TOP OF FOOTING
D.L.	= DAYLIGHT	(600)	= EXIST. ELEVATION
G.S.	= GROUND SHOT	600	= PROPOSED ELEVATION
W.V.	= WATER VALVE	FG	= FINISHED GRADE
W	= WATER MAIN	FS	= FINISHED SURFACE
W.M.	= WATER METER	CJ	= CONTROL JOINT
FL	= FLOW LINE	TOE	= TOE OF SLOPE
F.G.	= FINISHED GRADE	TOP	= TOP OF SLOPE
BM	= BENCH MARK	TOP/D.L.	= TOP OF SLOPE/DAYLIGHT
LS	= LANDSCAPING	TOC	= TOP OF CURB
T.G.	= TOP OF GRATE	FF	= FINISHED FLOOR
INV.	= INVERT ELEVATION	F.H.	= FIRE HYDRANT
A.C.	= ASPHALT CONCRETE		



INDEX

SCALE: 1" = 60'

SHEET No.	SHEET TITLE
1	COVER SHEET
2	STREET IMPROVEMENT PLAN & STORM DRAIN
3	LANDSCAPE DETAIL

LEGAL DESCRIPTION

LOT 8 AND THE SLY 165' OF LOT 7, BLOCK 4 OF LA SIERRA GARDENS IN THE CITY OF RIVERSIDE, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA, AS PER MAP RECORDED IN BOOK 11, PAGES 42 TO 50, INCLUSIVE, OF MAPS IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY

ASSESSORS PARCEL NO.

115-050-020

OWNER/DEVELOPER

THE TIERRA CORP.
3111 Camino Real Del Rio N. Ste. 300
San Diego, CA 92108
(619) 641-7851

BENCHMARK

CITY OF RIVERSIDE B.M. NO. E2-M3 PK NAIL AND CITY ENGINEER TAG IN N'LY C.B. WING IN THE W'LY CURB OF PIERCE ST. 1300' S'LY OF AMBS DR. ELEV = 694.231

CASE NO.

RZ-013-967
GP-006-967
CU-036-967

SOILS ENGINEER

CITY AND COUNTY SOILS ENGINEERING & TESTING
2324 S. VINEYARD, SUITE "B"
ONTARIO, CA 91761-7775
(909) 930-5868

TOTAL ACREAGE

3.25 ACRES NET

STREET EXCAVATION

150 ± C.Y.

NOTE:

EARTH QUANTITIES SHOWN HERE ARE FOR ESTIMATING PLAN CHECK FEES ONLY. GRADING CONTRACTOR IS RESPONSIBLE TO PERFORM THEIR OWN CALCULATIONS FOR EARTH VOLUME WITH THE SOIL'S ENGINEER'S RECOMMENDATION.

CONSTRUCTION NOTES

QUANTITIES:

1	CONST 0.40' AC OVER 0.70' C.A.B., FEATHER FOR SMOOTH TRANSITION. R-VALUE = 54 PER PLAN R-3216	1,100 SF
2	SAWCUT & REMOVE EXISTING AC BERM	490 LF
3	CONST 6" CURB AND GUTTER PER CITY OF RIVERSIDE STD NO 200 (TYPE I)	460 LF
4	CONST PCC SIDEWALK PER CITY OF RIVERSIDE STD NO 325	3,075 SF
5	RELOCATE EXISTING SIGN (R-26)	1 EA
6	CONST DRIVEWAY APPROACH PER CITY OF RIVERSIDE STD NO 302, TYPE CURB -II	1 EA
7	REMOVE TREES AND STUMPS	9 EA
8	CONST UNDER SIDEWALK DRAIN PER CITY OF RIVERSIDE STD. NO. 411	1 EA
9	CONST. 6" A.C. BERM PER CITY OF RIVERSIDE STD. NO. 250 (TYPE I) AND JOIN EXIST.	25 LF
~~10~~	~~REMOVE EXIST. WATER METER AND PLUG EXISTING SERVICE LINE (BY CITY FORCES)~~	~~1 EA~~
11	INSTALL R26 SIGN PER CITY OF RIVERSIDE STD NO 666	1 EA

SEWER

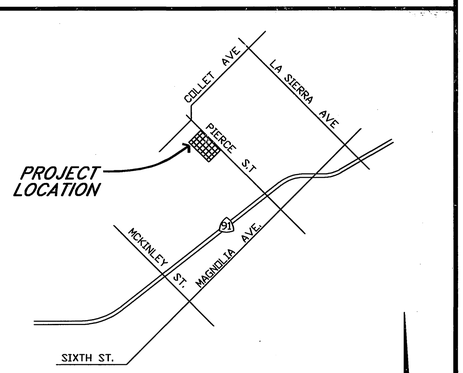
30	INSTALL 6" VCP SEWER LATERAL WITH CLEANOUT PER CITY OF RIVERSIDE STD NO 562A	1 EA

STORM DRAIN

20	CONST. MANHOLE JM PER CITY OF RIVERSIDE STD NO 432	1 EA
21	CONST. 36" R.C.P. (D-1500)	57 LF
22	CONST. 18" R.C.P. (D-2000)	12 LF
23	REMOVE TEMPORARY INLET & TIE TO EXIST. 36" R.C.P.	1 EA
24	CONSTRUCT TIMBER BULKHEAD PER CITY OF RIVERSIDE STD NO. 456	1 EA
25	REMOVE EXIST. C.M.P. INLET	1 EA

WATER

~~40~~	~~INSTALL 2" WATER SERVICE PER CITY OF RIVERSIDE STD C.W.D.-601 (BY CITY FORCES)~~	~~1 EA~~
43	8" HOT TAP CONNECTION TO EXIST. 12" AC W.L. (BY CITY FORCES)	1 EA
44	RELOCATE EXIST F.H. BEHIND C.F. PER CITY OF RIVERSIDE STD C.W.D.-700 (BY CITY FORCES)	1 EA
45	CONST. 8" D.I.P. FIRE SERVICE LINE PER C.W.D.-615 (BY CITY FORCES)	1 EA



VICINITY MAP
NTS

SOUTHERN CALIFORNIA GAS COMPANY
APPROVED BY _____ DATE 1-5-99

CITY OF RIVERSIDE, PUBLIC UTILITIES DEPARTMENT- ELECTRIC OVERHEAD AND UNDERGROUND
APPROVED BY _____ DATE 2.2.99

CITY OF RIVERSIDE, WATER DIVISION
APPROVED BY _____ DATE 3/9/99
VOID 1 YEAR AFTER DATE APPROVED

RIVERSIDE CITY BUSINESS TAX ACCOUNT NO. 074172 EXP. 12/1999

PACIFIC BELL TELEPHONE
APPROVED BY _____ DATE 01-05-99

CHARTER COMMUNICATIONS
APPROVED BY _____ DATE 12-21-98

SAKE CONSULTING ENGINEERS, INC.
ENGINEERING • ARCHITECTURE • LAND DEVELOPMENT
400 S. RAMONA AVE., STE. 202
CORONA, CALIFORNIA 91719
(909) 279-4041 FAX (909) 279-2830

MARK	REVISIONS	APPR.	DATE
1	Rev. WATER FACILITIES	RSA	4/6/99

DESIGNED BY SA DRAWN BY TT CHECKED BY SA

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY	BY	DATE	APPROVED BY
PRINCIPAL ENGINEER		3/16/99	
PARK DEPARTMENT		3/17/99	
TRAFFIC DIVISION		3/11/99	DIRECTOR OF PUBLIC WORKS
P.W. ENGINEERING MANAGER		3/17/99	

DATE 3-17-99

IMPROVEMENT PLANS
CU-036-967 & RZ-013-967
4188 PIERCE STREET
COVER SHEET

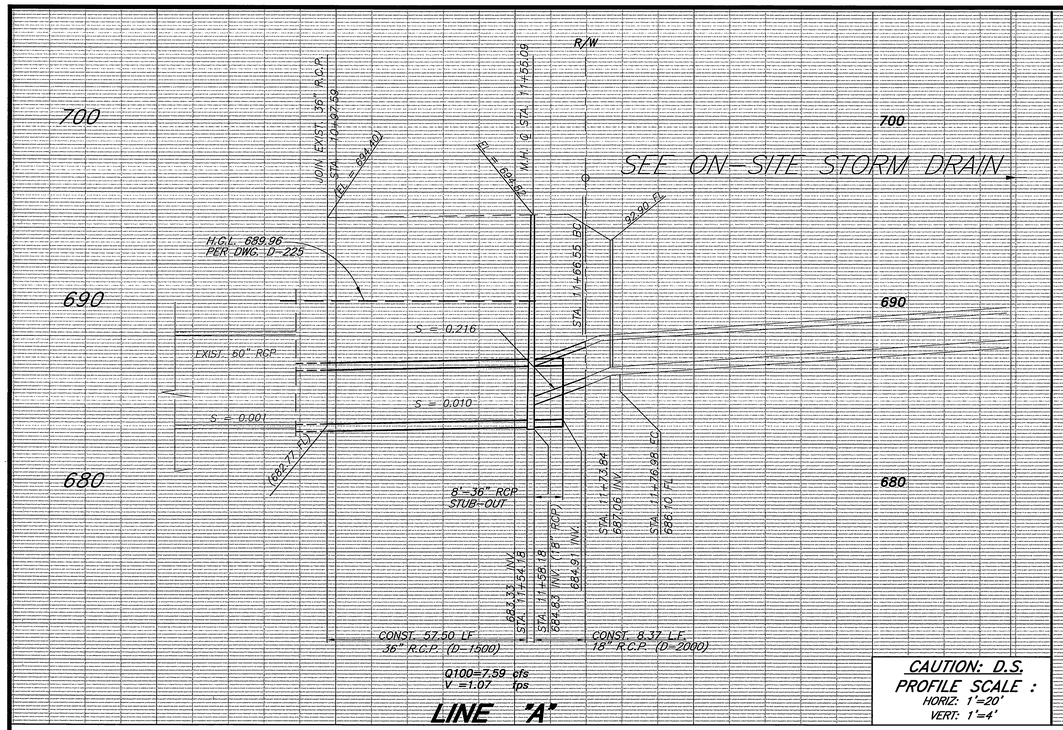
PROJECT NO. Jn109
R-3523
SHEET 1 SHEET 3
FILE NO.
HORIZ. SCALE: NONE VERT. SCALE: NONE

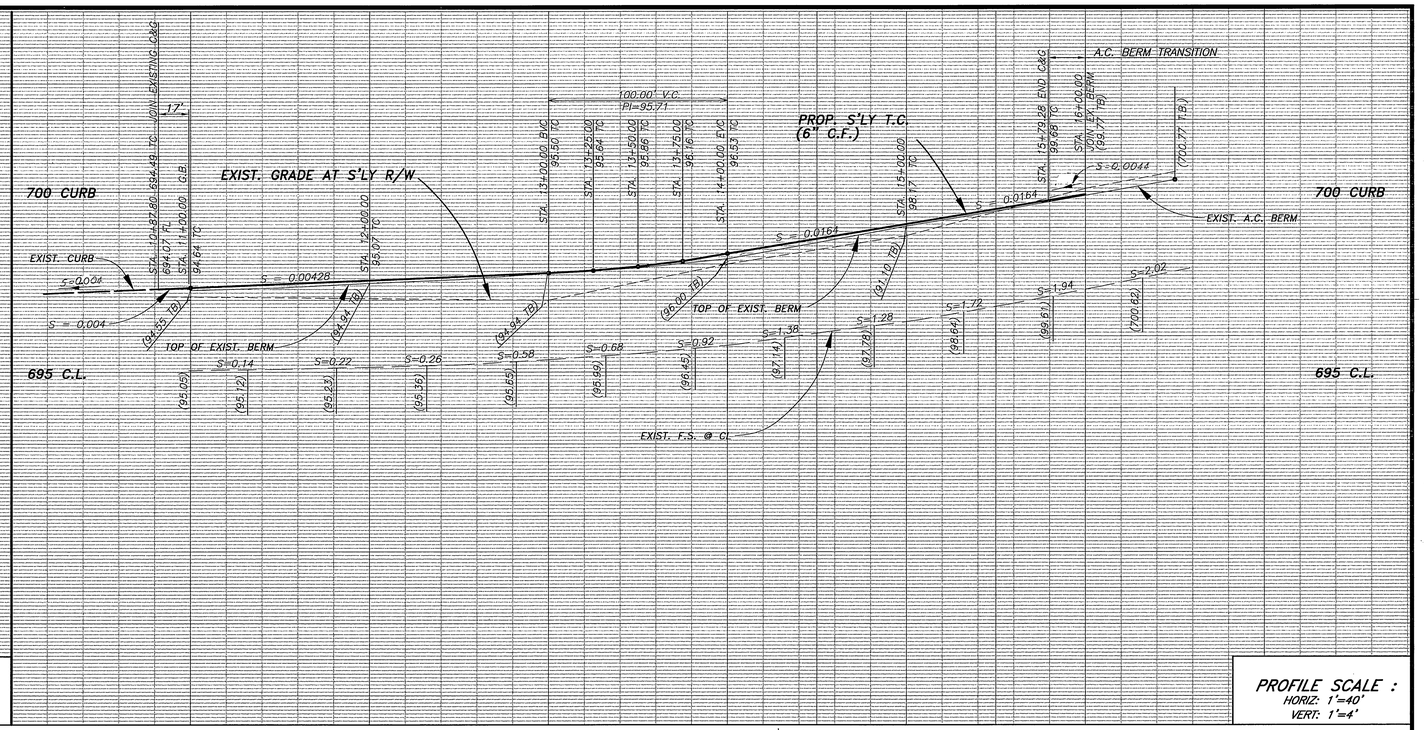
FILED

INDEXED 3-25-99 GH

PC 4142.8

C:\SAKE\Projects\jn109\ST-IMP\COVER_1of2.dwg Wed Dec 16 13:47:23 1998



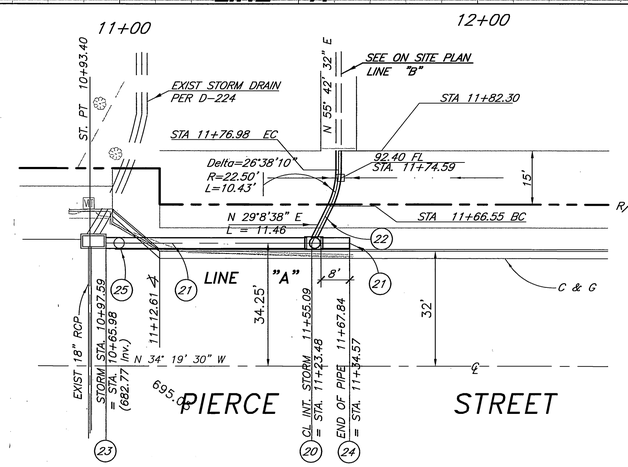


CAUTION: D.S.
PROFILE SCALE :
HORIZ: 1"=20'
VERT: 1"=4'

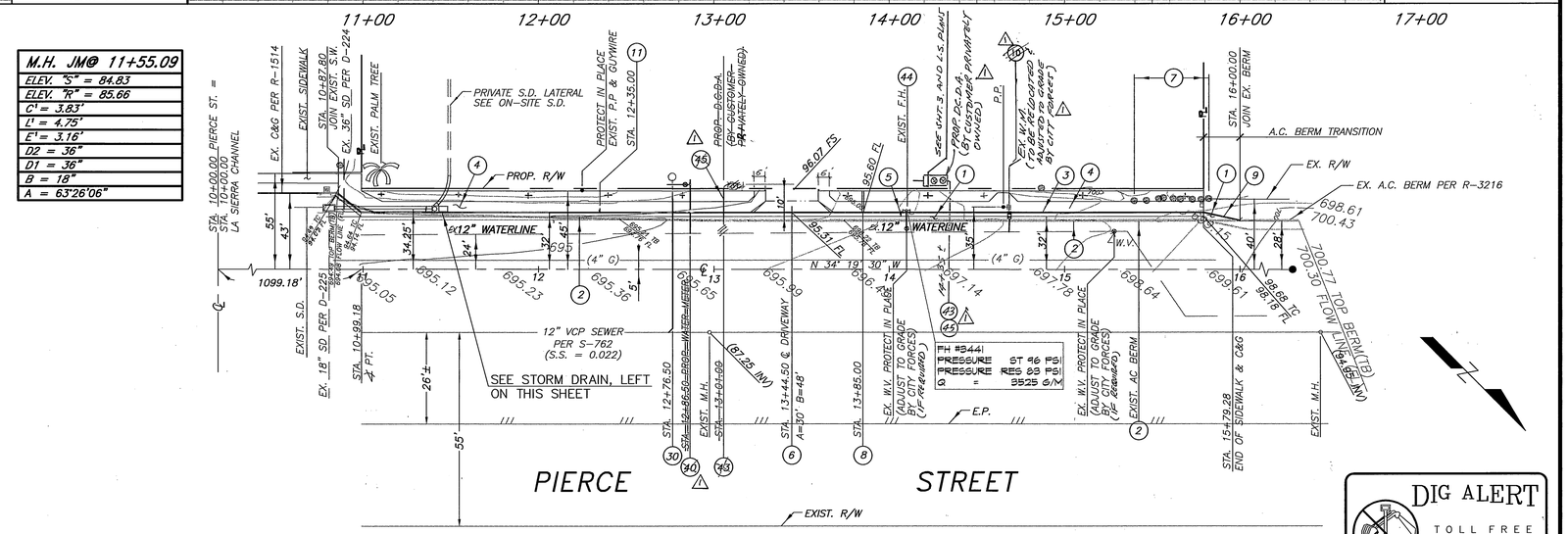
PROFILE SCALE :
HORIZ: 1"=40'
VERT: 1"=4'

Storm Drain

SCALE: 1"=20'



M.H. JM@ 11+55.09
ELEV. "S" = 84.83
ELEV. "R" = 85.66
C' = 3.83'
L' = 4.75'
E' = 3.16'
D2 = 36"
D1 = 36"
B = 18"
A = 63°26'06"

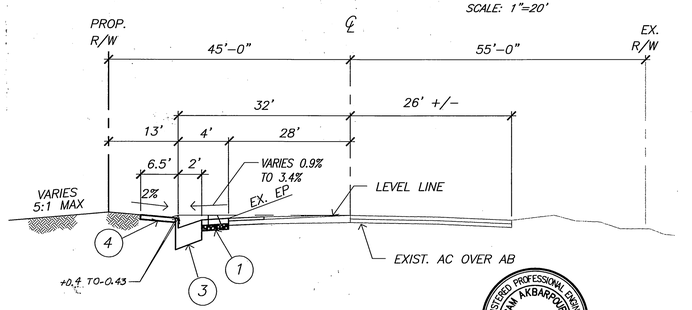


NOTE:

ALL TRENCH BEDDING AND BACKFILL SHALL BE DONE IN ACCORDANCE WITH STD. PLAN 452 CASE 2 AND SHALL BE CONTINUOUSLY INSPECTED, TESTED AND CERTIFIED BY A SOILS ENGINEER.

STREET PLAN

SCALE:1"=40'-0"



TYP. STREET SECTION

T.I. = 10 N.T.S.

REGISTERED PROFESSIONAL ENGINEER SAM AKBARPOUR C053038 Exp. 6/30/99 CIVIL STATE OF CALIFORNIA

R.C.E. No. 53038 12.17.98 DATE

CONSTRUCTION NOTES

1. CONST. 0.40' AC OVER 0.70' C.A.B., FEATHER FOR SMOOTH TRANSITION. R-VALUE = 54 PER CITY OF RIVERSIDE PLAN R-3216
2. SAWCUT & REMOVE EXISTING AC BERM
3. CONST. 6" CURB AND GUTTER PER CITY OF RIVERSIDE STD NO 200 (TYPE I)
4. CONST PCC SIDEWALK PER CITY OF RIVERSIDE STD NO 325
5. RELOCATE EXISTING SIGN (R-26)
6. CONST DRIVEWAY APPROACH PER CITY OF RIVERSIDE STD NO 302, A=30' B=48' (TYPE CURB-II)
7. REMOVE TREES AND STUMPS
8. CONST UNDER SIDEWALK DRAIN PER CITY OF RIVERSIDE STD. NO. 411
9. CONST. 6" A.C. BERM PER CITY OF RIVERSIDE STD. NO. 250 (TYPE I) AND JOIN EXIST.
10. REMOVE EXIST. WATER METER AND PLUG EXISTING 2" SERVICE LINE (BY CITY FORCES)
11. INSTALL R26 SIGN PER CITY STD NO. 666

SEWER

30. INSTALL 6" VCP SEWER LATERAL WITH CLEANOUT PER CITY OF RIVERSIDE STD NO 562A

STORM DRAIN

20. CONST. MANHOLE JM PER CITY OF RIVERSIDE STD NO 432
21. CONST. 36" R.C.P. (D-1500)
22. CONST. 18" R.C.P. (D-2000) PRIVATE S.D. LATERAL
23. REMOVE TEMPORARY INLET & TIE TO EXIST. 36" R.C.P.
24. CONSTRUCT TIMBER BULKHEAD PER CITY OF RIVERSIDE STD NO. 456
25. REMOVE EXIST. C.M.P. INLET

WATER

40. INSTALL 2" WATER SERVICE PER CITY OF RIVERSIDE STD C.W.D. 601 (BY CITY FORCES)
43. 8" HOT TAP CONNECTION TO EXIST. 12" AC W.L. (BY CITY FORCES)
44. RELOCATE EXIST F.H. BEHIND C.F. PER CITY OF RIVERSIDE STD C.W.D.-700 (BY CITY FORCES)
45. CONST. 8" D.I.P. FIRE SERVICE PER CITY OF RIVERSIDE STD C.W.D.-615 (BY CITY FORCES)

CITY OF RIVERSIDE, WATER DIVISION APPROVED BY [signature] DATE 3/9/99
VOID 1 YEAR AFTER DATE APPROVED

DIG ALERT TOLL FREE 1-800-227-2600 48 HOURS BEFORE YOU DIG

SAKE CONSULTING ENGINEERS, INC.
ENGINEERING • ARCHITECTURE • LAND DEVELOPMENT
400 S. RAMONA AVE., STE. 202
CORONA, CALIFORNIA 91719
(909) 279-4041 FAX (909) 279-2830

MARK	REVISED WATER FACILITIES	APPR.	DATE
1		DO	11/1/99

DESIGNED BY JK DRAWN BY TT CHECKED BY SA

BENCHMARK:
CITY OF RIVERSIDE B.M. NO. EZ-M3 PK NAIL AND CITY ENGINEER TAG IN N'LY C.B. WING IN THE W'LY CURB OF PIERCE ST. 1300' S'LY OF AMBS DR.
ELEV = 694.231

CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER		
PARK DEPARTMENT		
TRAFFIC DIVISION		
P.W. ENGINEERING MANAGER		

APPROVED BY [signature]
DIRECTOR OF PUBLIC WORKS
DATE 3-17-99

IMPROVEMENT PLANS
CU-036-967 & RZ-013-967
4188 PIERCE STREET

PROJECT NO. Jn109
R-3523
SHEET 2 SHEET 3
FILE NO.

HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 4'

P2-4442-S

INDEXED 3-25-99 GH

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GENERAL NOTES FOR STREET TREE PLANTING

1. All related work shall conform to the City of Riverside Recreation Department Standards and City of Riverside Street Tree Policies.

2. When calling for inspections, contact the Street Tree Inspector a mimimun of 48 hours in advance at (909) 351-6126 to schedule an inspection. A Field Notice will be issued as written approval for each stage of inspection. A verbal approval will not be acceptacle. Inspections are required:
   a. After completion of final grading of the lots and when all utility services and sewer laterals have been marked, but prior to digging plant pits. All final street tree locations are to be spotted in the field by the Street Tree Inspector;
   b. While digging plant pits and planting/relocating trees;
   c. After planting and all other indicated or specified work has been completed, for start of maintenance;
   d. At the end of the Maintenance Period, the Contractor/ Developer shall call the Street Tree Inspector at (909) 351-6126 for a final acceptance inspection in order to be released from maintenence. Developers bonds will not be released until after receipt of written notification from the City that the trees pass final inspection and the Park and Recreation Department is assuming maintenance responsibilities.

3. ALL STREET TREES ARE TO BE PLANTED PRIOR TO OCCUPANCY.

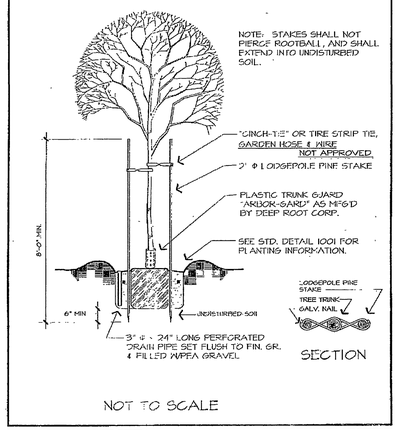
4. The Developer shall be responsible for a minimum of one (1) year.

5. Street Tree planting shall be as follows;
   Pierce Street
   Trachycarpus Fortuneii (common name Windmill Palm)
   minimum size – 4' B.T.
   spacing – 45' O.C.
   required number – 10 ea.

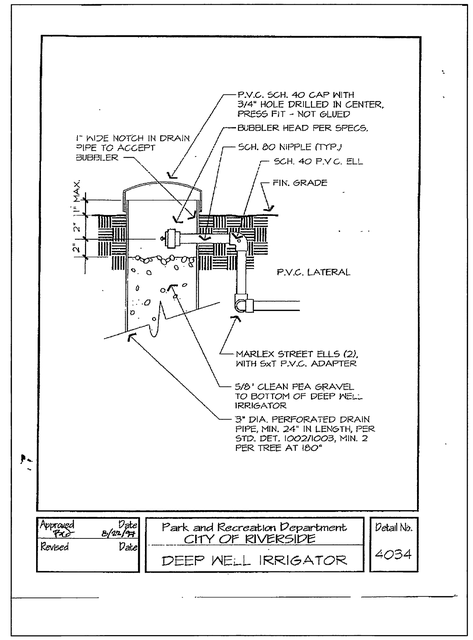
6. All trees must be automatically irrigated.

NOTE:

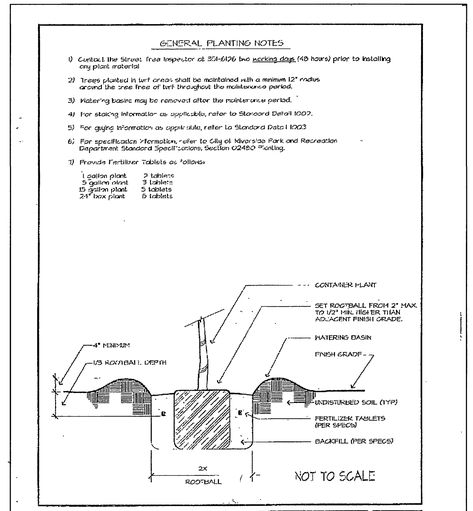
In the interest of public safety and maintenance, the Street Tree Inspector shall have the authority to revise the street tree quantities and locations shown on approved plans based upon field conditions found at the time of installation of the trees.



Approved	Date 6/28/99	Park and Recreation Department CITY OF RIVERSIDE	Detail No.
Revised	Date	DOUBLE STAKING DETAIL	1002



Approved	Date 6/28/99	Park and Recreation Department CITY OF RIVERSIDE	Detail No.
Revised	Date	DEEP WELL IRRIGATOR	4034



Approved	Date 6/28/99	Park and Recreation Department CITY OF RIVERSIDE	Detail No.
Revised	Date	PLANTING DETAIL	1001

DIG ALERT
TOLL FREE
1-800-227-2600
48 HOURS BEFORE YOU DIG

REGISTERED PROFESSIONAL ENGINEER
SAM AKBARPOUR
C053038
Exp. 6/30/99
CIVIL
STATE OF CALIFORNIA

R.C.E. No. 53038 — 2.24.99 DATE

SAKE CONSULTING ENGINEERS, INC.
ENGINEERING • ARCHITECTURE • LAND DEVELOPMENT
400 S. RAMONA AVE., STE. 202
CORONA, CALIFORNIA 91719
(909) 279-4041 FAX (909) 279-2830

MARK	APPR.	DATE

DESIGNED BY JK DRAWN BY JT CHECKED BY SA

BENCHMARK:

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER		3/17/99
PARK DEPARTMENT		3/17/99
TRAFFIC DIVISION		3/11/99
P.W. ENGINEERING MANAGER		3/17/99

APPROVED BY R. Mac Smith
DIRECTOR OF PUBLIC WORKS
DATE 3-17-99

LANDSCAPE DETAILS

CU-036-967 & RZ-013-967
4188 PIERCE STREET

PROJECT NO. Jn109
R-3523
SHEET 3 SHEET 3
FILE NO.

PO-4142-S

FILED

INDEXED 5-4-99 GH