

CITY OF RIVERSIDE

STREET IMPROVEMENT PLAN

BARKHO COURT

PARCEL MAP No. 30980

**CITY OF RIVERSIDE
STREET IMPROVEMENT GENERAL NOTES**

- 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.
- 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.
- 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.
- THE PRIVATE ENGINEER SIGNING THESE PLANS IS RESPONSIBLE FOR ASSURING THE ACCURACY 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.
- QUANTITIES SHOWN ARE FOR INFORMATION ONLY AND THE CITY OF RIVERSIDE IS NOT RESPONSIBLE FOR THEIR ACCURACY.
- 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.
- ALL FLAGGED ELEVATIONS SHALL BE STAKED IN THE FIELD BY THE PRIVATE ENGINEER.
- 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.
- CONSTRUCT DRIVEWAY APPROACHES PER STANDARD DRAWING 302. EXACT SIZE AND LOCATION TO BE STAKED BY THE PRIVATE ENGINEER PRIOR TO CONSTRUCTION OF THE CURB AND GUTTER.
- ALL OVERHANGING TREE LIMBS THAT ARE LESS THAN 14' ABOVE THE STREET GRADE SHALL BE TRIMMED BACK.
- 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.
- STREET OPENING PERMIT FOR CONSTRUCTION AND/OR MODIFICATION OF TRAFFIC SIGNAL FACILITIES IS REQUIRED.
- ALL TRAFFIC SIGNS SHALL BE INSTALLED PRIOR TO OPENING THE STREETS TO TRAFFIC.
- ANY TRAFFIC CONTROL STRIPING OBLITERATED AND/OR BADLY WORN DURING CONSTRUCTION SHALL BE RESTORED BY THE CONTRACTOR WITHIN FIVE DAYS AFTER NOTIFICATION FROM THE CITY INSPECTORS.
- FINAL STRIPING FOR TRAFFIC CONTROL AND/OR PAVEMENT MARKING TO BE THE RESPONSIBILITY OF THE DEVELOPER.
- 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 U.S.A.
- CONTRACTOR IS TO VERIFY EXISTING SEWER ELEVATION PRIOR TO CONSTRUCTION.
- 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.
- THE SEWER CONTRACTOR SHALL ADJUST MANHOLES TO FINAL GRADE AFTER PAVING IS COMPLETED.
- 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.
- STREET LIGHTS TO BE INSTALLED AS PER CITY OF RIVERSIDE SPECS AND PLANS.

CONSTRUCTION NOTES

QUANTITIES

200	CONSTRUCT CURB AND GUTTER PER CITY STANDARD DRAWING 200, TYPE I.	216 LF
302 III	CONSTRUCT DRIVEWAY APPROACH PER CITY STANDARD DRAWING 302, TYPE III.	3 EA
220	CONSTRUCT CROSS GUTTER PER CITY STANDARD DRAWING 220.	1,057 SF
304 III	CONSTRUCT WHEELCHAIR RAMP PER CITY STANDARD DRAWING 304, TYPE III.	2 EA
325	CONSTRUCT SIDEWALK PER CITY STANDARD DRAWING 325.	1,959 SF
662A	CONSTRUCT STREET NAME SIGN PER CITY STANDARD DRAWING 662A.	1 EA
1	CONSTRUCT CURB OUTLET PER APWA STD. 151-1.	1 EA
2	REMOVE EXISTING CURB, GUTTER AND SIDEWALK.	1,100 SF
3	CONSTRUCT 3-8" PVC DRAIN PIPES.	102 LF
4	RELOCATE EXISTING STREET LIGHT	1 EA
5	PROTECT IN PLACE.	1 EA
6	REMOVE EXISTING AC PAVEMENT AND REPLACE WITH FULL DEPTH AC PAVEMENT.	240 SF
7	CONSTRUCT 3" AC PAVEMENT OVER 6" AB.	3,340 SF
8	POWER POLE #27677J TO BE RE-LOCATED BY THE CITY OF RIVERSIDE.	1 EA

LEGEND:

BLDG	BUILDING
ASPH	ASPHALT CONCRETE
TW	TOP WALL
TC	TOP OF CURB
FS	FINISHED SURFACE
FG	FINISHED GRADE
■	DRAIN GRATE
⊙	FIRE HYDRANT
⊕	GAS LINE MARKER
■	CATCH BASIN
⊙	YARD LIGHT
⊕	STORM DRAIN MAN HOLE
○	CHAIN LINK FENCE
⊖	WROUGHT IRON FENCE
⊙	FOUND MONUMENT
⊕	CENTERLINE
⊕	EXISTING FEATURES
⊕	EP

ELECTRIC DEPARTMENT NOTE:

THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF STREET LIGHTS AND UNDERGROUND ELECTRIC FACILITIES. CONTACT RIVERSIDE PUBLIC UTILITIES 90 DAYS IN ADVANCE OF CONSTRUCTION TO OBTAIN APPROVED STREET LIGHT AND ELECTRIC PLANS. CONTACT:
VAHID BAZEL, P.E.
PH. NO. (951)826-5830
3900 MAIN ST. - 4TH FLOOR
RIVERSIDE, CA 92522

IMPORTANT NOTICE
Section 4216/4217 of the Government Code requires a Dig Alert Identification Number to be issued before a "Permit to Excavate" will be valid. For your Dig Alert I.D. Number call Underground Service Alert TOLL FREE 1-800-422-4133 Two working days before you dig.

PRIVATE ENGINEER'S NOTICE TO CONTRACTOR

THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THESE PLANS ARE OBTAINED BY A SEARCH OF AVAILABLE RECORDS, TO THE BEST OF MY KNOWLEDGE THERE ARE NO EXISTING UTILITIES EXCEPT AS SHOWN ON THESE PLANS. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES AND ANY OTHER LINES NOT SHOWN ON THIS DRAWING. PRIOR TO EXCAVATION THE CONTRACTOR SHALL CALL UNDERGROUND SERVICE ALERT, TOLL FREE (800) 422-4133 TO VERIFY THE LOCATION OF UNDERGROUND UTILITIES.

BENCH MARK:

BENCH MARK No. G3-Y3

P.K. NAIL AND CITY ENGINEER TAG SET IN THE BASE OF A CONCRETE LIGHT POLE ALONG THE EASTERLY CURB OF LA SIERRA AVENUE APPROXIMATELY 200 FEET SOUTHERLY OF ARLINGTON AVENUE.

ELEVATION: 859.915 FEET

PUBLIC UTILITIES DEPARTMENT
ELECTRIC DIVISION

APPROVED BY: *[Signature]* DATE: 6/28/06

PREPARED BY:



LAND SURVEYING & CIVIL ENGINEERING
5100 E. LA PALMA AVENUE, SUITE 117
ANAHEIM HILLS, CA. 92807
PHONE : (714) 779-3828 FAX (714) 779-3829
CITY OF RIVERSIDE BUSINESS TAX CERTIFICATE # 71958, EXPIRATION DATE 09-12-06.

IMPORTANT NOTICE
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ENGINEER IN RESPONSIBLE CHARGE
[Signature]
DAVID J. MAC ARTHUR
R.C.E. No. 12502 expires 03-31-07
DATE: 06-23-06



MARK	REVISIONS	APPR.	DATE
DESIGNED BY: DRC	DRAWN BY: _____	CHECKED BY: DJM	

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

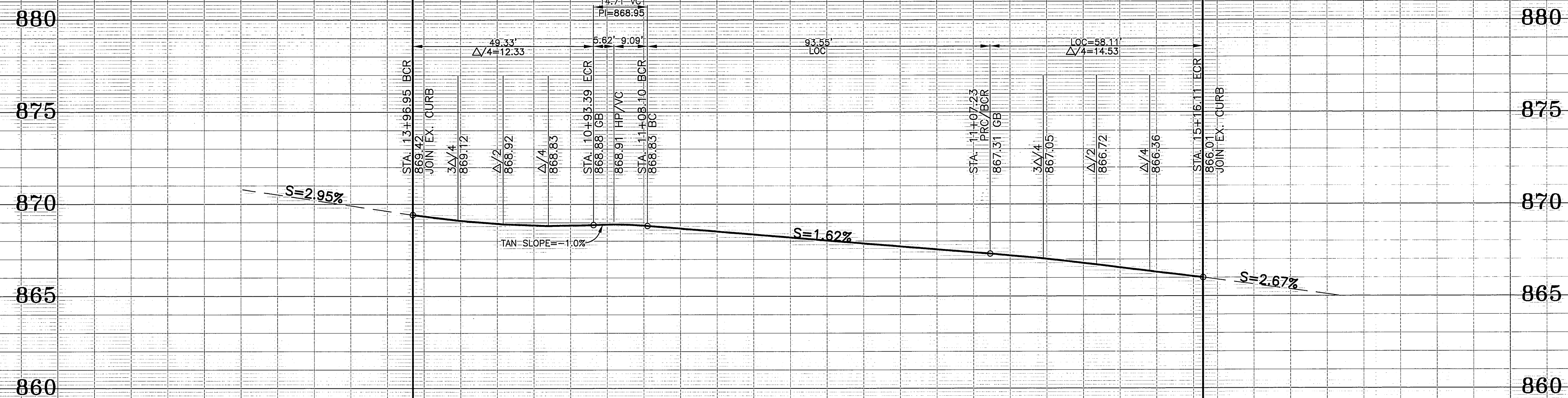
APPROVED BY: *[Signature]* DATE: 6/28/06

PRINCIPAL ENGINEER: *[Signature]*
TRAFFIC DIVISION

CITY ENGINEER: *[Signature]*
DATE: 7/3/06

**STREET IMPROVEMENT PLAN
BARKHO COURT**
PARCEL MAP No. 30980
S'LY SIDE OF ARLINGTON AVENUE
250' W'LY OF LA SIERRA AVENUE

PW05-0432
ACCT. NO. _____
R-3870
SHEET 1 OF 2



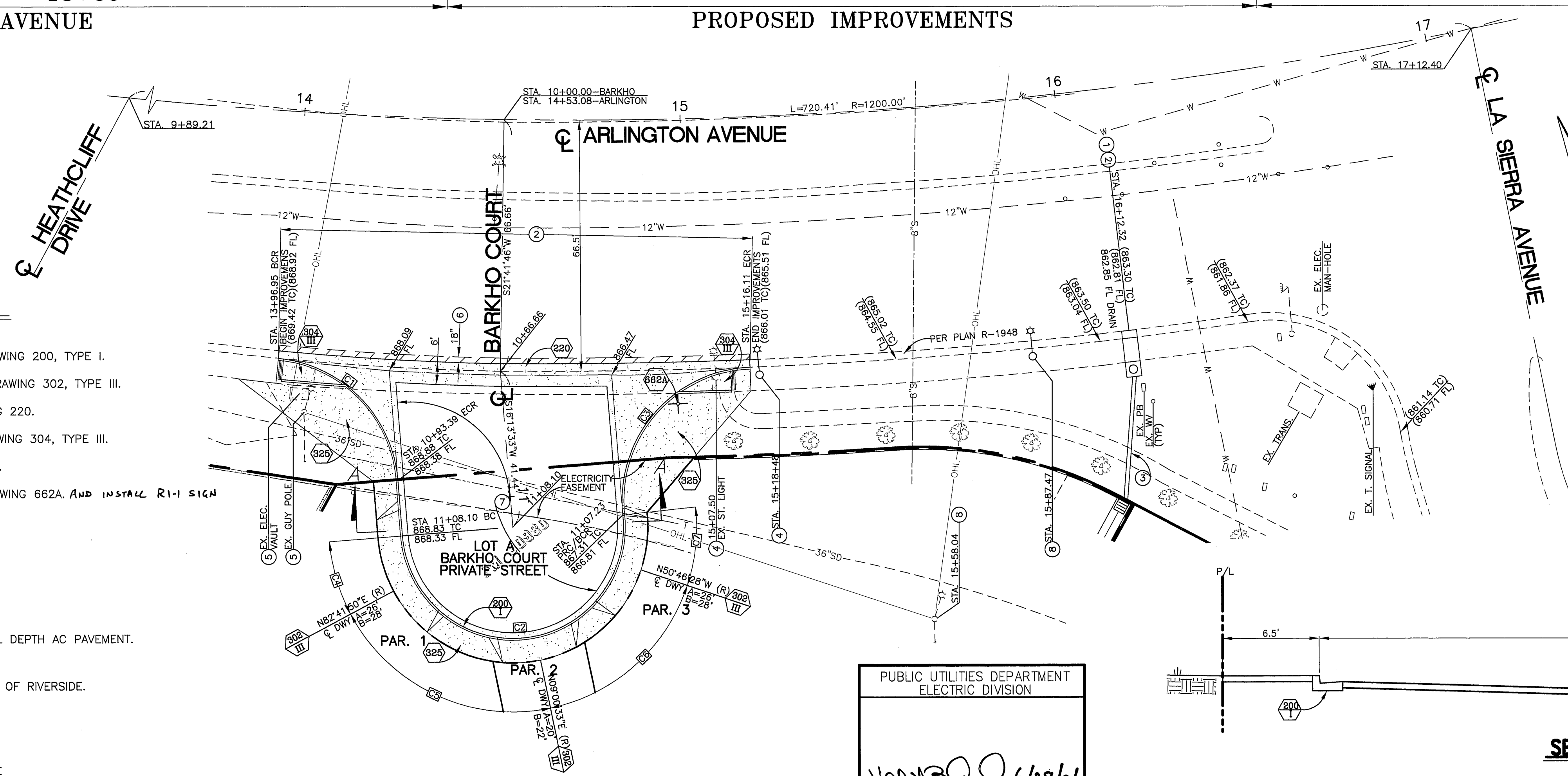
PROFILE
HORIZ.: 1"=20'
VERT.: 1"=4'

12+00 13+00 13+50 15+50 16 17
ARLINGTON AVENUE PROPOSED IMPROVEMENTS ARLINGTON AVENUE

CURVE	DELTA	LENGTH	RADIUS	TANGENT
C1	79°52'07"	49.14	35.39	29.63
C2	181°41'29"	93.55	29.50	29.50
C3	94°01'01"	58.11	35.30	37.87
C4	233°51'43"	12.12	29.50	6.14
C5	73°41'17"	37.94	29.50	22.10
C6	59°47'01"	30.78	29.50	16.96
C7	24°41'27"	12.71	29.50	6.46

CONSTRUCTION NOTES

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- 302 CONSTRUCT DRIVEWAY APPROACH PER CITY STANDARD DRAWING 302, TYPE III.
- 220 CONSTRUCT CROSS GUTTER PER CITY STANDARD DRAWING 220.
- 304 CONSTRUCT WHEELCHAIR RAMP PER CITY STANDARD DRAWING 304, TYPE III.
- 325 CONSTRUCT SIDEWALK PER CITY STANDARD DRAWING 325.
- 662A CONSTRUCT STREET NAME SIGN PER CITY STANDARD DRAWING 662A AND INSTALL R1-1 SIGN
- 1 CONSTRUCT CURB OUTLET PER APWA STD. 151-1.
- 2 REMOVE EXISTING CURB, GUTTER AND SIDEWALK.
- 3 CONSTRUCT 3-8" PVC DRAIN PIPES.
- 4 RELOCATE EXISTING STREET LIGHT
- 5 PROTECT IN PLACE.
- 6 REMOVE EXISTING AC PAVEMENT AND REPLACE WITH FULL DEPTH AC PAVEMENT.
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PREPARED BY: **DCI ENGINEERING, INC.**

STREET SIGN SCHEDULE PER CITY STANDARDS 662-A AND 666	BLOCK
ARLINGTON AVE	11100
BARKHO CT	11100

LAND SURVEYING & CIVIL ENGINEERING
5100 E. LA PALMA AVENUE, SUITE 117
ANAHEIM HILLS, CA. 92807
PHONE : (714) 779-3828 FAX (714) 779-3829
CITY OF RIVERSIDE BUSINESS TAX CERTIFICATE # 71958, EXPIRATION DATE 09-12-06.

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ENGINEER IN RESPONSIBLE CHARGE
DAVID J. MAC ARTHUR
R.C.E. No. 12502 expires 03-31-07
DATE 06-23-06

REGISTERED PROFESSIONAL ENGINEER
DAVID J. MAC ARTHUR
No. 12502
EXP. 3-31-2007
CIVIL
STATE OF CALIFORNIA

PUBLIC UTILITIES DEPARTMENT
ELECTRIC DIVISION
Vahid Bazel 6/28/06
APPROVED BY DATE

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY BY DATE APPROVED BY
PRINCIPAL ENGINEER Traffic Division J.M.H. 7/31/06
CITY ENGINEER
DATE 7/31/06

SECTION A-A
NOT TO SCALE
1"=5.0'
R-VALUE=55

STREET IMPROVEMENT PLAN
BARKHO COURT
PARCEL MAP No. 30980
S'LY SIDE OF ARLINGTON AVENUE
250' W'LY OF LA SIERRA AVENUE
HORIZONTAL SCALE: 1" = 20' VERTICAL SCALE: 1" = 4'

PW05-0032
ACCT. NO. _____
R-3870
SHEET 2 OF 2