

SEWER IMPROVEMENT PLANS FOR: TRACT No. 29515

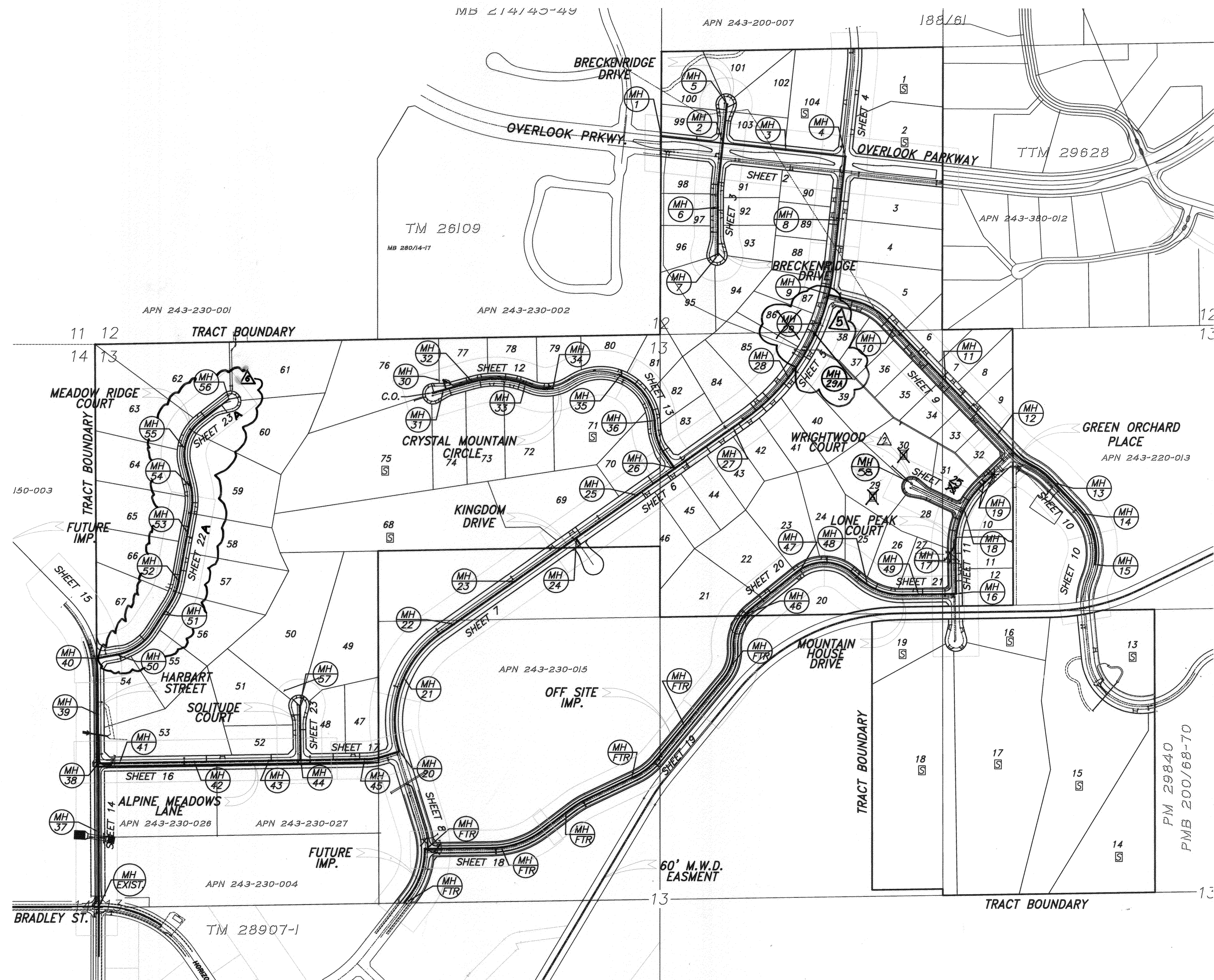
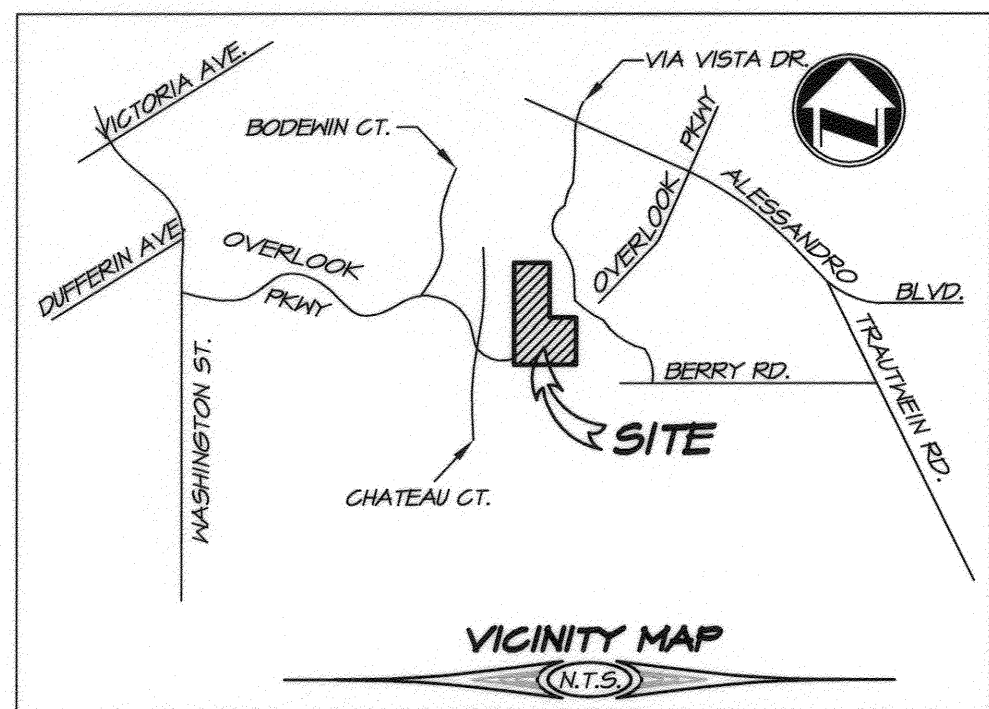
GENERAL NOTES

1. NO PERSON SHALL PERFORM ANY CONSTRUCTION ACTIVITY OR INSTALL ANY OBJECTS WITHIN THE PUBLIC RIGHT-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 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.
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. 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.
9. CONTRACTOR IS TO VERIFY EXISTING SEWER ELEVATION PRIOR TO CONSTRUCTION.
10. LOCATION OF LATERALS TO BE DETERMINED IN THE FIELD AT THE DIRECTION OF THE OWNER. AVOID CONFLICT WITH PROPOSED AND/OR EXISTING FACILITIES.
11. 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.
12. A PLUG SHALL BE INSTALLED AND WILL REMAIN IN PLACE WHERE THE NEW SEWER CONNECTS WITH THE EXISTING SEWER UNTIL THE NEW SEWER IS ACCEPTED BY THE CITY.
13. THE SEWER CONTRACTOR SHALL ADJUST MANHOLES TO FINAL GRADE AFTER PAVING IS COMPLETED.

CONSTRUCTION NOTES AND QUANTITY ESTIMATE

THE QUANTITIES SHOWN BELOW ARE FOR BONDING INFORMATION ONLY. THE CONTRACTOR IS TO CONSTRUCT PROJECT PER THESE PLANS AND SUBMIT CONSTRUCTION BID BASED ON THEIR OWN QUANTITY "TAKE-OFF".

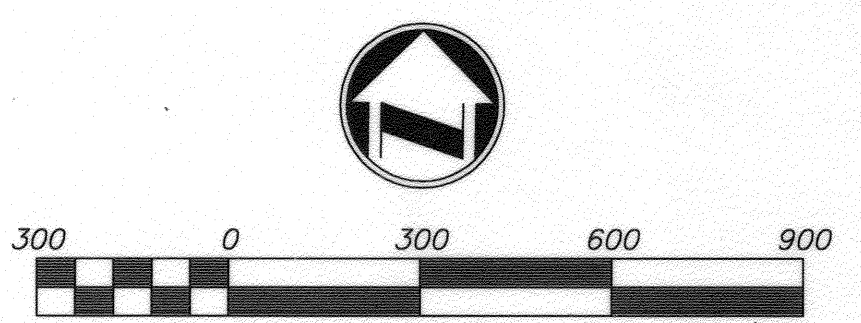
| | | | | |
|---|---|--------|--------|------|
| 1 | CONSTRUCT 8" V.C.P. SEWER WITH CASE III BEDDING PER CITY STD. DWD. NO. 452 | 14,420 | 14,234 | LF |
| 2 | CONSTRUCT MANHOLE PER C/RV. STD. DWG. 500 | 58 | 57 | EA |
| 3 | CONSTRUCT 4" V.C.P. SEWER LATERAL WITH C.O. AT R/W PER C/RV. STD. DWG. 562A | 3,886 | 3,769 | LF |
| 4 | CONSTRUCT 4" ANWA C900 PVC FORCED SEWER MAIN | 1,008 | | LF |
| 5 | CONSTRUCT PRECAST CONCRETE FORCED MAIN CLEANOUT PER C/RV. STD. DWG. 559 | | | 1 EA |
| 6 | CONSTRUCT CLEANOUT PER CITY STD. DWG. NO. 560 | | | 1 EA |
| 7 | LOTS TO HAVE SEPTIC TANKS IN LIEU OF SERVICE TO GRAVITY SEWER | 13 | 15 | EA |



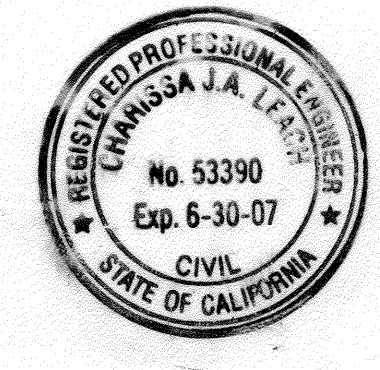
NOTE:
LOTS 10 THRU 12, 20 THRU 28, AND 31 THRU 32 ARE TO BE ON A TEMP. SEPTIC SYSTEM UNTIL THE REMAINING PORTION OF SEWER IS CONSTRUCTED IN MOUNTAIN HOUSE DRIVE AND KINGDOM DRIVE TO THE EXISTING SEWER IN TRACT 28907-1

LEGEND

| | |
|--|--------------|
| | CENTERLINE |
| | RIGHT OF WAY |
| | MANHOLE |
| | SEPTIC |



PUBLIC UTILITIES WATER DEPT.
MW McLeod
APPROVED
DATE 10/20/05
SHTS 1-24



Underground Service Alert
Call: TOLL FREE
1-800-227-2600
TWO WORKING DAYS BEFORE YOU DIG

CITY OF RIVERSIDE BUSINESS TAX ACCT. #058833 EXP. 1/1/06

PLANS PREPARED BY:
adkan ENGINEERS
Civil Engineering - Surveying - Planning
6820 Airport Drive, Riverside, CA 92504
Tel: (951) 688-0241 Fax: (951) 688-0599

Under the Supervision of:
[Signature] 10/21/05
Ching-Li Leach, R.C.E. 33391 Exp. 04/30/07 Date

BENCHMARK: F7 - K3
CITY OF RIVERSIDE REFERENCE LL47/7.
PK NAIL AND CITY ENGINEER TAG IN THE BASE OF A STREET LIGHT ALONG THE SOUTHERLY CURB OF OVERLOOK PARKWAY 175 FEET EAST OF CHATEAU RIDGE DRIVE, TRANSFER FROM F7-C2 BY CITY SURVEY CREW 6/10/2002.
ELEVATION: 1426.960

| NO. | REVISIONS | DATE | BY |
|-----|---|----------|-------------|
| 1 | ADDED SHEETS 2, 2A, 12, 2A | 10-11-05 | [Signature] |
| 2 | REMOVED PORTION OF SEWER AND MANHOLE ON SHEET 11 | 10-20-05 | [Signature] |
| 3 | REVISED MANHOLE #25, ADD MANHOLE #23A | 10-20-05 | [Signature] |
| 4 | ADDED SEWER LATERAL ON ALPINE MEADOWS LANE | 10-20-05 | [Signature] |
| 5 | ADDED SEWER LATERAL TO LOT 704 ON SHEET 2 | 10-20-05 | [Signature] |
| 6 | LOWEDED SEWER ON SHEET 11 AND 21 AND ADDED SHEET 20 | 10-20-05 | [Signature] |
| 7 | REVISED M.H.'S TO 4' DIAMETER | 11-20-05 | [Signature] |

DESIGNED BY: RICK DRAWN BY: BRYAN CHECKED BY: C-

CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT

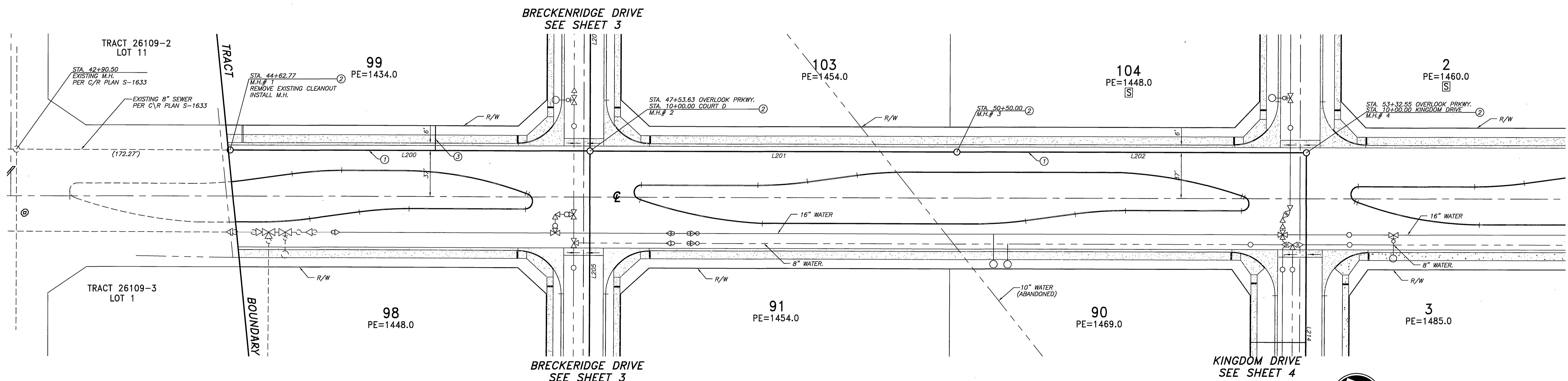
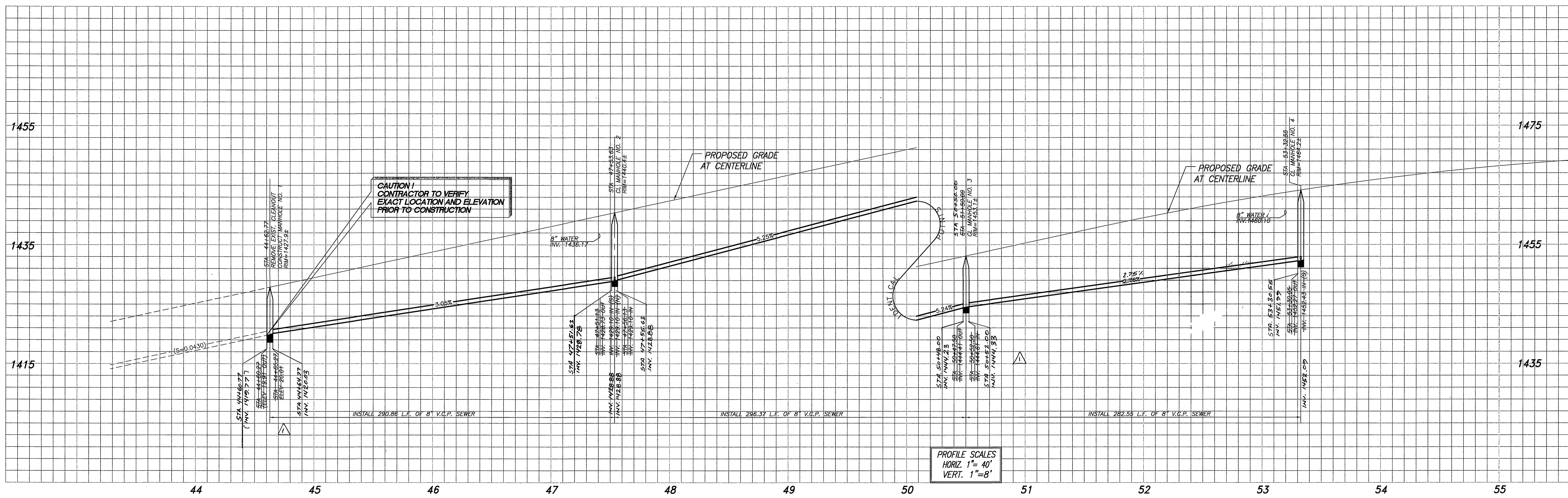
APPROVED BY: [Signature] DATE: 10/25/05
PRINCIPAL ENGINEER

DATE: 10/25/05
CITY ENGINEER

PLANNING DEPARTMENT
STREET SERVICES

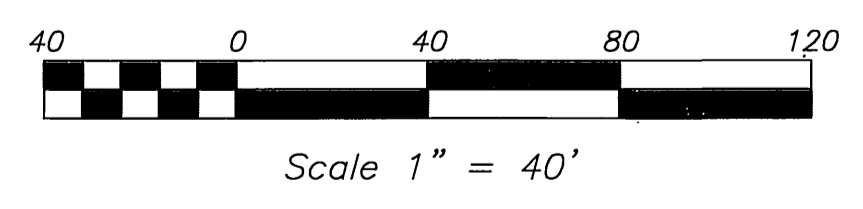
| SEWER IMPROVEMENT PLAN | | ACCOUNT NO. |
|---|--|---------------|
| TRACT 29515 | | PW04-0648 |
| A.P.N. 243-200-007, 243-220-001, 011, 015, 017 243-230-001, 002, 021, 022, 024 | | S-1884 |
| HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 8' | | SHEET 1 OF 24 |
| INDEXED 11-17-05 [Signature] | | J.N. 6500 |

U:\Projects\Plan\6500\Draw\sewer\6500SR01.dwg Oct 17, 2005 11:50am



OVERLOOK PARKWAY

| LINE TABLE | | |
|------------|--------|---------------|
| LINE | LENGTH | BEARING |
| L200 | 290.86 | N83°50'49\"/> |
| L201 | 296.37 | N83°50'49\"/> |
| L202 | 282.55 | N83°50'49\"/> |



Underground Service Alert
 Call: TOLL FREE
1-800-227-2600
 TWO WORKING DAYS BEFORE YOU DIG

CITY OF RIVERSIDE BUSINESS TAX ACCT. #058833 EXP. 1/1/05
adkan ENGINEERS
 Civil Engineering - Surveying - Planning
 6820 Airport Drive, Riverside, CA 92504
 Tel: (951) 688-0881 Fax: (951) 688-0599
 Under the Supervision of: *[Signature]* 10/21/05
 Charissa Leach, R.C.E. 53380 Exp. 06/30/07 Date:

BENCHMARK: F7 - K3
 CITY OF RIVERSIDE REFERENCE LL47/7.
 PK NAIL AND CITY ENGINEER TAG IN THE BASE OF A STREET LIGHT ALONG THE SOUTHERLY CURB OF OVERLOOK PARKWAY 175 FEET EAST OF CHATEAU RIDGE DRIVE, TRANSFER FROM F7-C2 BY CITY SURVEY CREW 6/10/2002.
ELEVATION: 1426.960

| MARK | REVISIONS | APPR. | DATE |
|------|-------------------------|-------|------|
| Δ | REVISED M.H.'S TO 4\"/> | | |

DESIGNED BY: RICK DRAWN BY: BRYAN CHECKED BY: C-

CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT

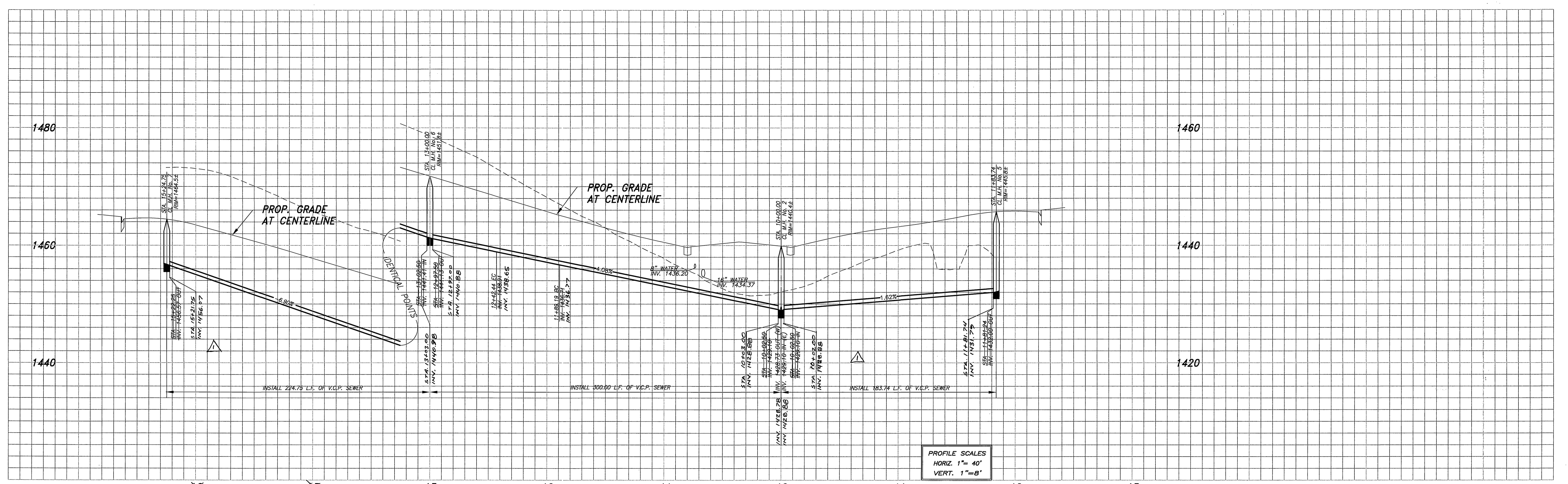
| | | | | |
|---------------------|----------|-------------|---------------|----------|
| APPROVED BY | DATE | BY | APPROVED BY | DATE |
| PRINCIPAL ENGINEER | 10/21/05 | [Signature] | CITY ENGINEER | 10/25/05 |
| PARK DEPARTMENT | | | | |
| TRAFFIC DIVISION | | | | |
| PLANNING DEPARTMENT | | | | |
| STREET SERVICES | | | | |

SEWER IMPROVEMENT PLAN
TRACT 29515
OVERLOOK PARKWAY
 A.P.N. 243-200-007, 243-220-001, 011, 015, 017
 243-230-001, 002, 021, 022, 024
 HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 8'

PW04-0648
 ACCOUNT NO.
S-1884
 SHEET **2** OF **24**
 J.N. 6500

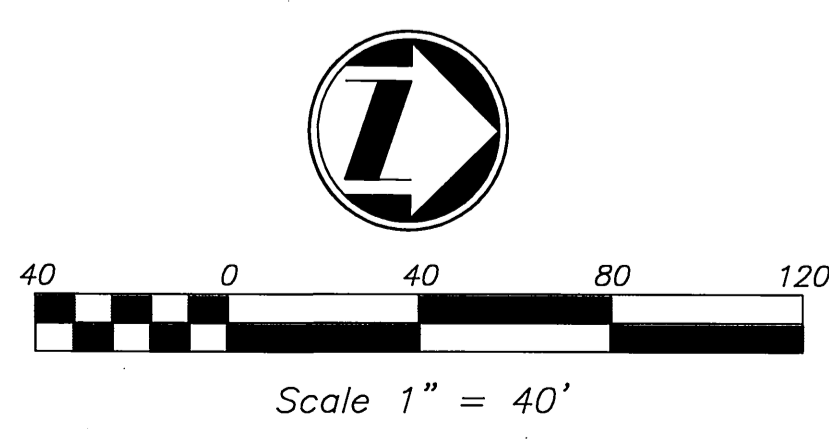
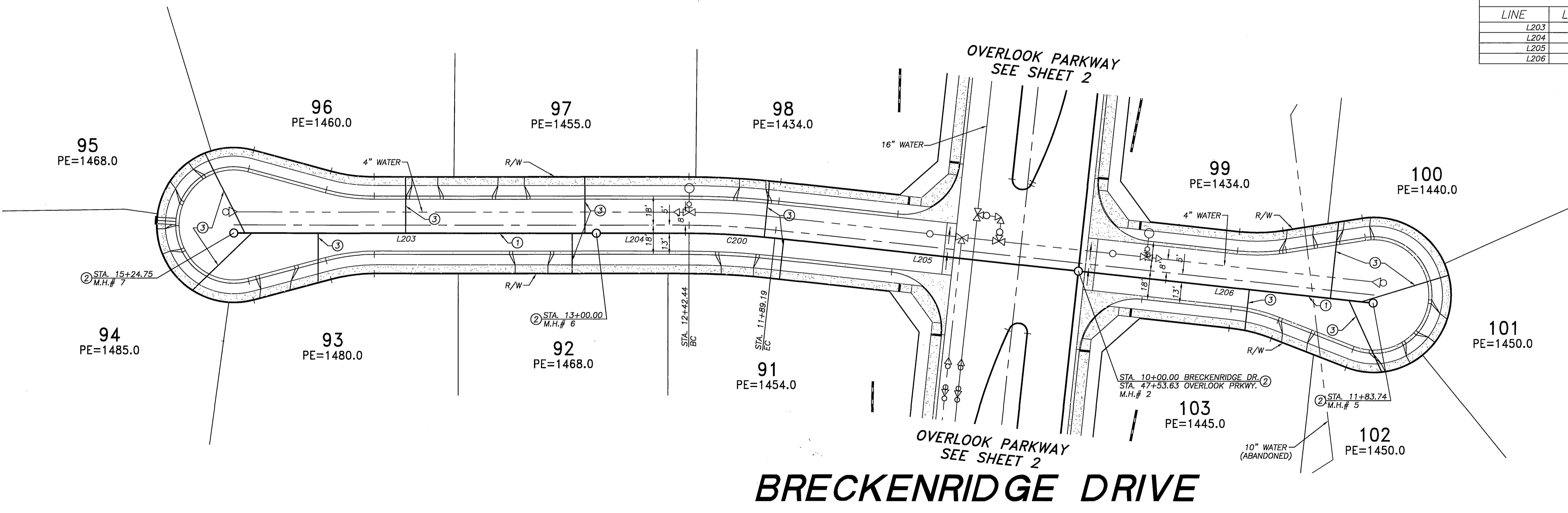
INDEXED 11-17-05 LH

U:\Projects\Plan\6500\City\sewer\6500S0202.dwg Oct. 17, 2005 - 11:54am



| LINE TABLE | | |
|------------|--------|-------------|
| LINE | LENGTH | BEARING |
| L203 | 224.75 | N00°00'37"W |
| L204 | 57.56 | N00°00'37"W |
| L205 | 189.19 | N06°09'11"E |
| L206 | 183.74 | N06°09'11"E |

| CURVE TABLE | | | | |
|-------------|----------|--------|--------|---------|
| CURVE | DELTA | RADIUS | LENGTH | TANGENT |
| C200 | 6°09'48" | 495.00 | 53.25 | 26.65 |



Underground Service Alert
 Call: TOLL FREE
1-800-227-2600
 TWO WORKING DAYS BEFORE YOU DIG

CITY OF RIVERSIDE BUSINESS TAX ACCT.#058833 EXP.1/1/06
 PLANS PREPARED BY:
adkan ENGINEERS
 Civil Engineering · Surveying · Planning
 6820 Airport Drive, Riverside, CA 92504
 Tel:(951) 688-0941/Fax:(951) 688-0599
 Under the Supervision of: *[Signature]* 10/21/05
 Charissa Leach, R.C.E. 53390 Exp. 06/30/07 Date:

BENCHMARK: F7 - K3
 CITY OF RIVERSIDE REFERENCE LL47/7.
 PK NAIL AND CITY ENGINEER TAG IN THE
 BASE OF A STREET LIGHT ALONG THE SOUTHERLY
 CURB OF OVERLOOK PARKWAY 175 FEET EAST
 OF CHATEAU RIDGE DRIVE, TRANSFER FROM
 F7-C2 BY CITY SURVEY CREW 6/10/2002.
 ELEVATION: 1426.960

| MARK | REVISIONS | APPR. | DATE |
|------|-------------------------------|-------|---------|
| Δ | REVISED M.H.'S TO 4" DIAMETER | RZ | 11/2/05 |

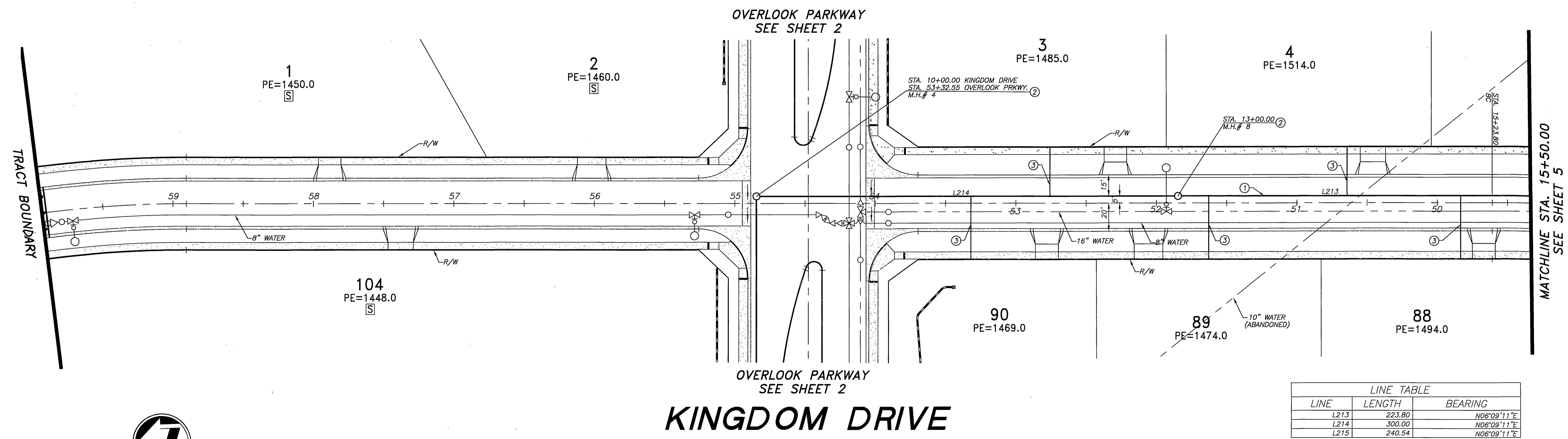
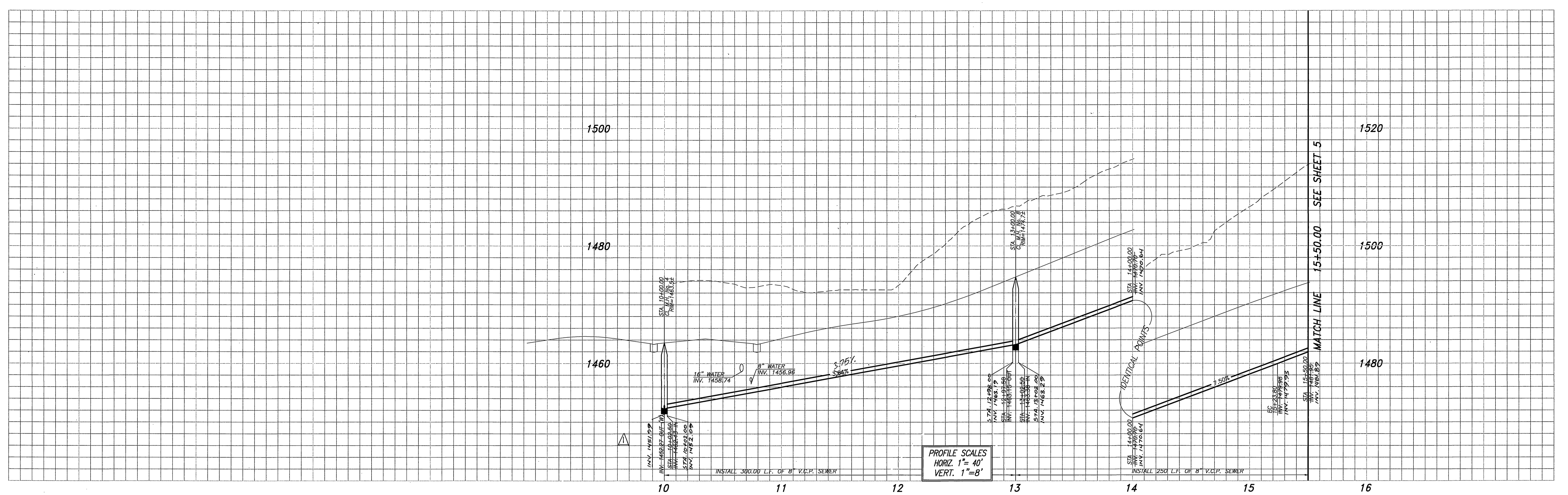
DESIGNED BY: RICK DRAWN BY: BRYAN CHECKED BY: C-

CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT
 APPROVED BY: *[Signature]* DATE: 10/25/05
 PRINCIPAL ENGINEER
 PARK DEPARTMENT
 TRAFFIC DIVISION
 PLANNING DEPARTMENT
 STREET SERVICES

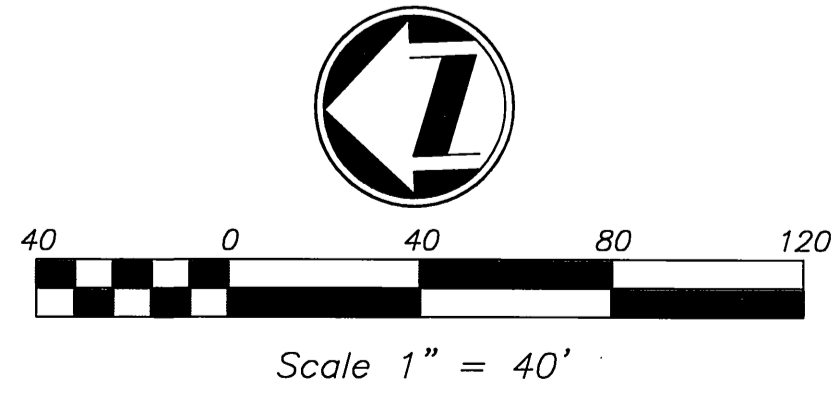
SEWER IMPROVEMENT PLAN TRACT 29515
BRECKENRIDGE DRIVE
 A.P.N. 243-200-007, 243-220-001, 011, 015, 017
 243-230-001, 002, 021, 022, 024
 HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 8'

PW04-0648
 ACCOUNT NO.
S-1884
 SHEET **3** OF **24**
 J.N. 6500

INDEXED 11-07-05 LFT



| LINE TABLE | | |
|------------|--------|-------------|
| LINE | LENGTH | BEARING |
| L213 | 223.80 | N06°09'11"E |
| L214 | 300.00 | N06°09'11"E |
| L215 | 240.54 | N06°09'11"E |



Underground Service Alert
 Call: TOLL FREE
 1-800-227-2600
 TWO WORKING DAYS BEFORE YOU DIG

CITY OF RIVERSIDE BUSINESS TAX ACCT.#058833 EXP.1/1/06
adkan ENGINEERS
 Civil Engineering · Surveying · Planning
 6820 Airport Drive, Riverside, CA 92504
 Tel:(951) 688-0241 Fax:(951) 688-0599
 Under the Supervision of: [Signature] 10/21/05
 Chongsa Lopez, R.C.E. 53390 Exp. 06.30.07 Date:

BENCHMARK: F7 - K3
 CITY OF RIVERSIDE REFERENCE LL4777.
 PK NAIL AND CITY ENGINEER TAG IN THE BASE OF A STREET LIGHT ALONG THE SOUTHERLY CURVE OF OVERLOOK PARKWAY 175 FEET EAST OF CHATEAU RIDGE DRIVE, TRANSFER FROM F7-C2 BY CITY SURVEY CREW 6/10/2002.
 ELEVATION: 1426.960

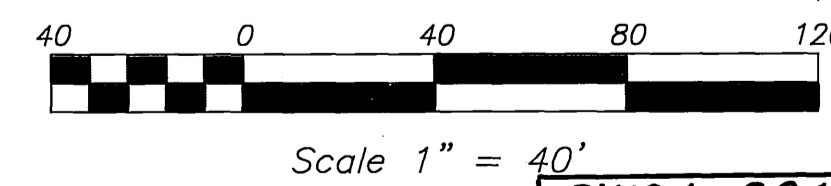
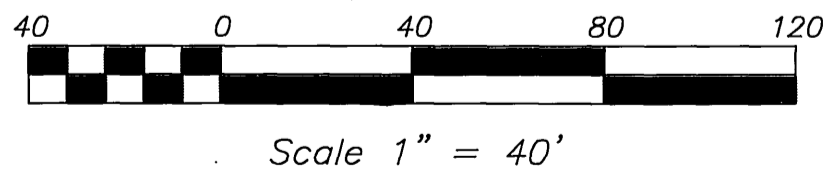
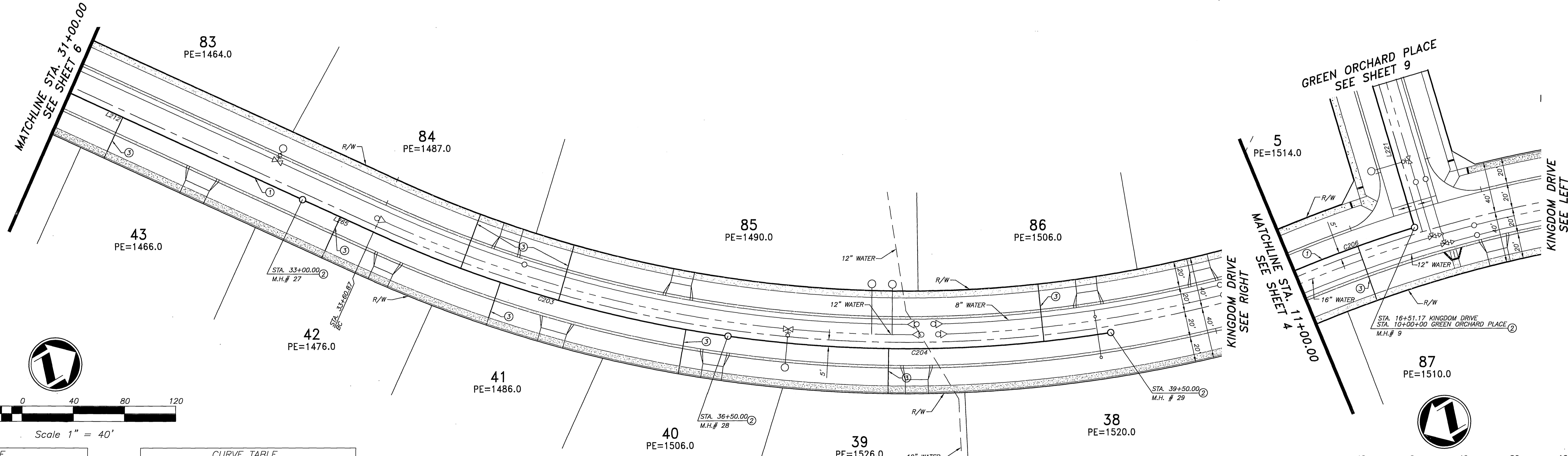
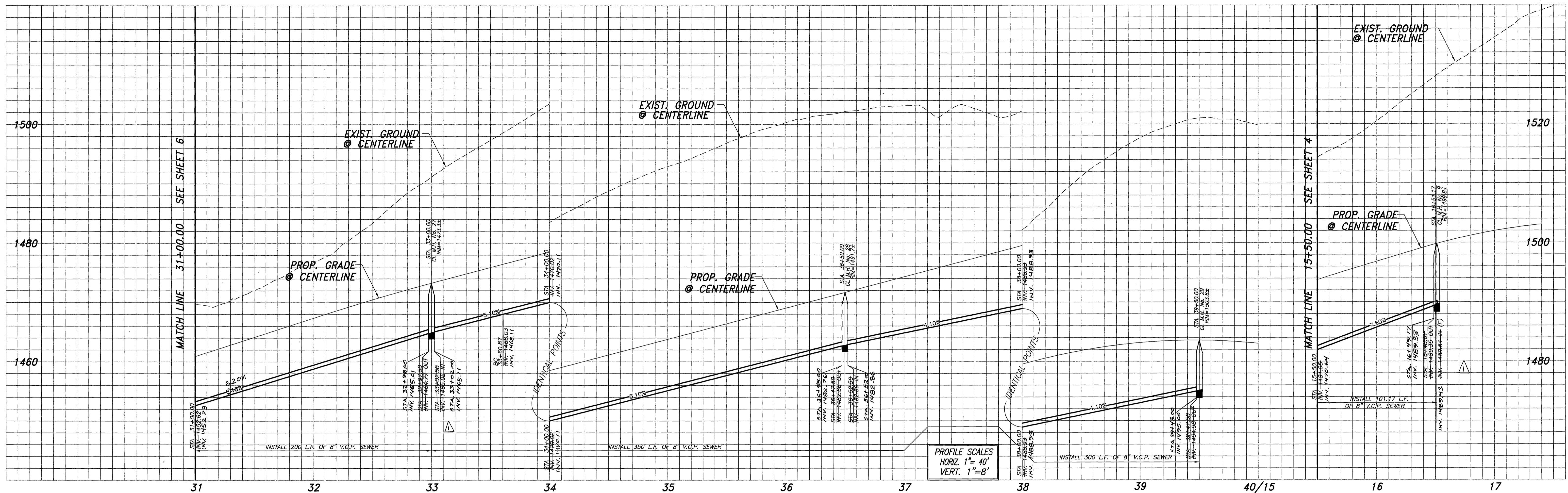
DESIGNED BY: RICK DRAWN BY: BRYAN CHECKED BY: C-

CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT
 APPROVED BY: [Signature] DATE: 10/21/05
 PRINCIPAL ENGINEER
 PARK DEPARTMENT
 TRAFFIC DIVISION
 PLANNING DEPARTMENT
 STREET SERVICES

SEWER IMPROVEMENT PLAN
TRACT 29515
KINGDOM DRIVE
 A.P.N. 243-200-007, 243-220-001, 011, 015, 017
 243-230-001, 002, 021, 022, 024
 HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 8'

PW04-0648
 ACCOUNT NO.
S-1884
 SHEET 4 OF 24
 J.N. 6500

INDEXED 11-17-05 LPH



| LINE TABLE | | |
|------------|--------|-------------|
| LINE | LENGTH | BEARING |
| L211 | 216.87 | N54°51'15"E |
| L212 | 350.00 | N54°51'15"E |
| L265 | 60.87 | N54°51'15"E |

| CURVE TABLE | | | | |
|-------------|-----------|---------|--------|---------|
| CURVE | DELTA | RADIUS | LENGTH | TANGENT |
| C203 | 16°29'01" | 1005.00 | 289.13 | 145.57 |
| C204 | 17°06'12" | 1005.00 | 300.00 | 151.12 |
| C206 | 7°15'40" | 1005.00 | 127.37 | 63.77 |

KINGDOM DRIVE

CITY OF RIVERSIDE BUSINESS TAX ACCT.#058833 EXP.1/1/06



Underground Service Alert
 Call: TOLL FREE
1-800-227-2600
 TWO WORKING DAYS BEFORE YOU DIG

PLANS PREPARED BY:
adkan ENGINEERS
 Civil Engineering - Surveying - Planning
 6820 Airport Drive, Riverside, CA 92504
 Tel: (951) 688-8241 Fax: (951) 688-0599
 Under the Supervision of: *[Signature]* 10/21/05
 Charles Leach, R.C.E. 53390 Exp. 06/30/07 Date:

BENCHMARK: F7 - K3
 CITY OF RIVERSIDE REFERENCE LL47/7.
 PK NAIL AND CITY ENGINEER TAG IN THE
 BASE OF A STREET LIGHT ALONG THE SOUTHERLY
 CURB OF OVERLOOK PARKWAY 175 FEET EAST
 OF CHATEAU RIDGE DRIVE, TRANSFER FROM
 F7-C2 BY CITY SURVEY CREW 6/10/2002.
 ELEVATION: 1426.960

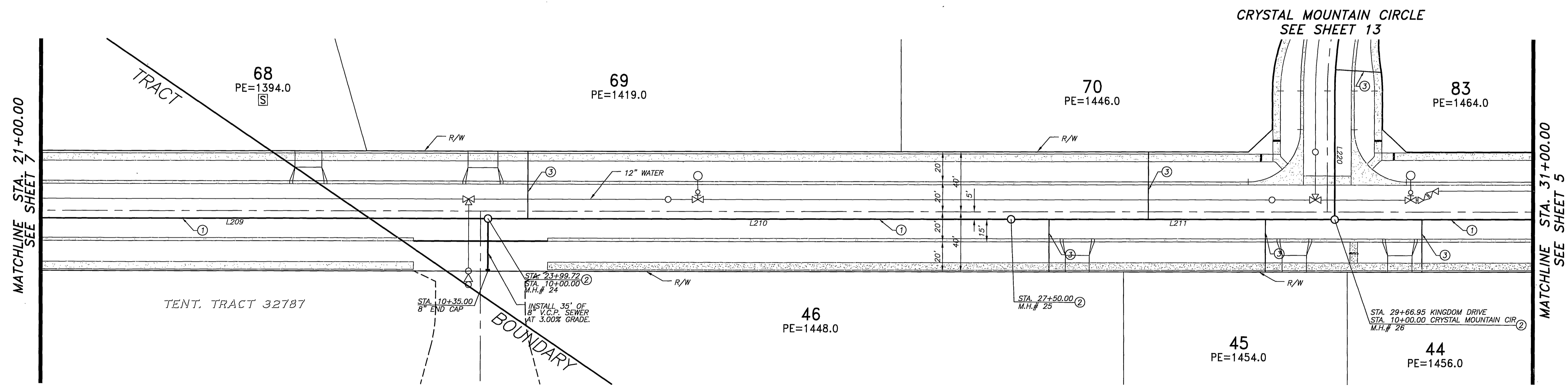
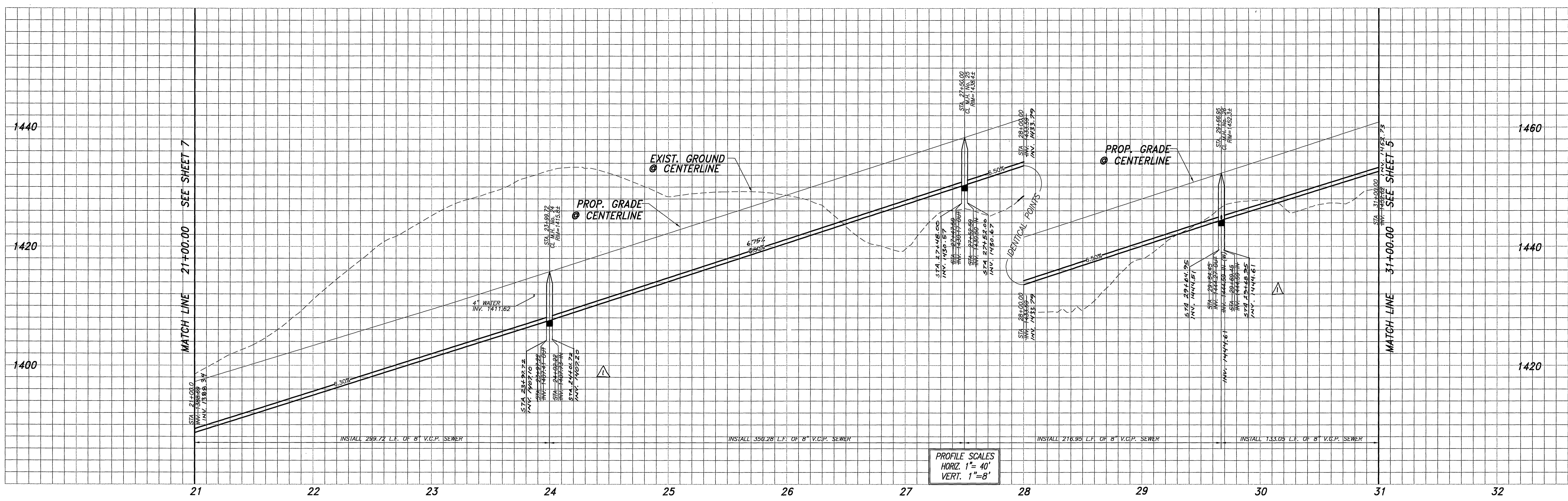
REVISIONS:
 MARK REVISIONS APPR. DATE
 1 REVISED M.H.'S TO 4" DIAMETER 11-8-05
 DESIGNED BY: RICK DRAWN BY: BRYAN CHECKED BY: C-

CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT
 APPROVED BY: *[Signature]* DATE: 10/21/05
 PRINCIPAL ENGINEER
 PARK DEPARTMENT
 TRAFFIC DIVISION
 PLANNING DEPARTMENT
 STREET SERVICES

SEWER IMPROVEMENT PLAN
TRACT 29515
KINGDOM DRIVE
 A.P.N. 243-200-007, 243-220-001, 011, 015, 017
 243-230-001, 002, 021, 022, 024
 HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 8'

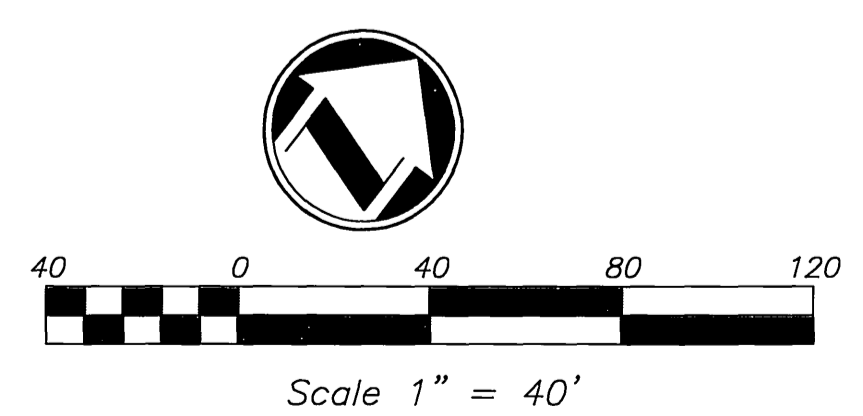
PW04-0648
 ACCOUNT NO.
S-1884
 SHEET **5** OF **24**
 J.N. 6500

INDEXED 11-17-05 Lfh



| LINE | LENGTH | BEARING |
|------|--------|-------------|
| L209 | 349.72 | N54°51'15"E |
| L210 | 350.28 | N54°51'15"E |
| L211 | 216.95 | N54°51'15"E |
| L212 | 333.05 | N54°51'15"E |
| L220 | 85.75 | N39°08'45"W |

KINGDOM DRIVE



Underground Service Alert
 Call: TOLL FREE
1-800-227-2600
 TWO WORKING DAYS BEFORE YOU DIG

PLANS PREPARED BY:
adkan ENGINEERS
 Civil Engineering - Surveying - Planning
 6820 Airport Drive, Riverside, CA 92504
 Tel: (951) 688-0244 Fax: (951) 688-0599
 Under the Supervision of: *[Signature]* 10/21/05
 Charissa Lopez, R.C.E. 53390 Exp. 06.30.07 Date:

BENCHMARK: F7 - K3
 CITY OF RIVERSIDE REFERENCE LL47/7.
 PK NAIL AND CITY ENGINEER TAG IN THE BASE OF A STREET LIGHT ALONG THE SOUTHERLY CURB OF OVERLOOK PARKWAY 175 FEET EAST OF CHATEAU RIDGE DRIVE, TRANSFER FROM F7-C2 BY CITY SURVEY CREW 6/10/2002.
 ELEVATION: 1426.960

| MARK | REVISIONS | APPR. | DATE |
|------|-------------------------------|-------|----------|
| Δ | REVISED M.H.'S TO 4' DIAMETER | R12 | 11/06/05 |

DESIGNED BY: RICK DRAWN BY: BRYAN CHECKED BY: C-

CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT

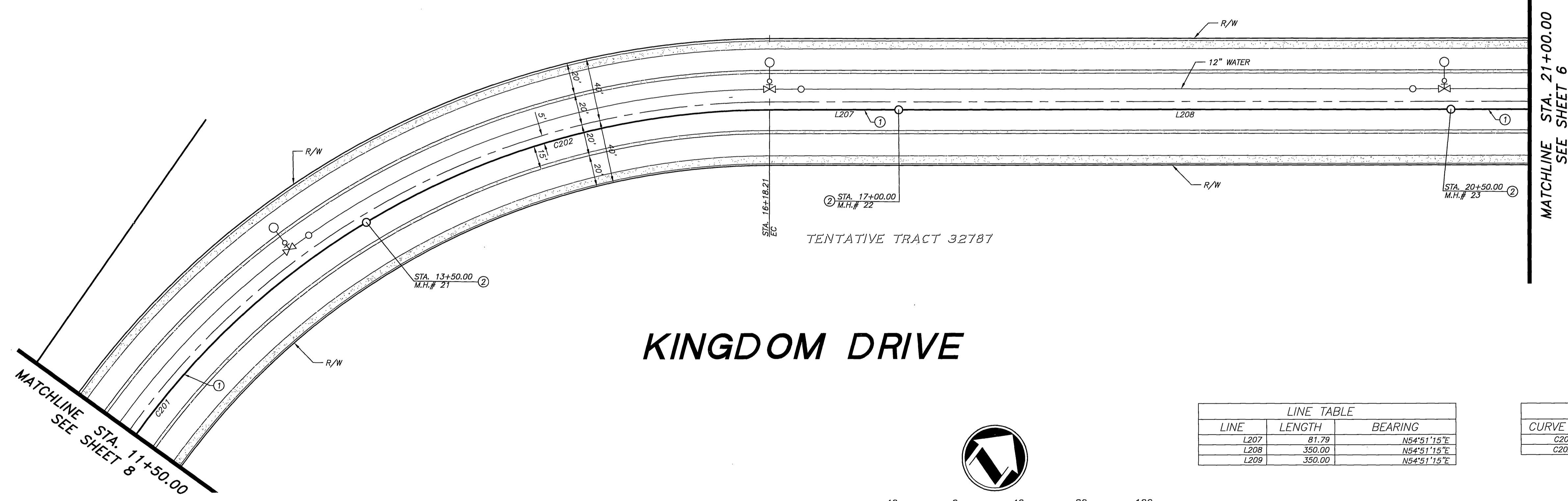
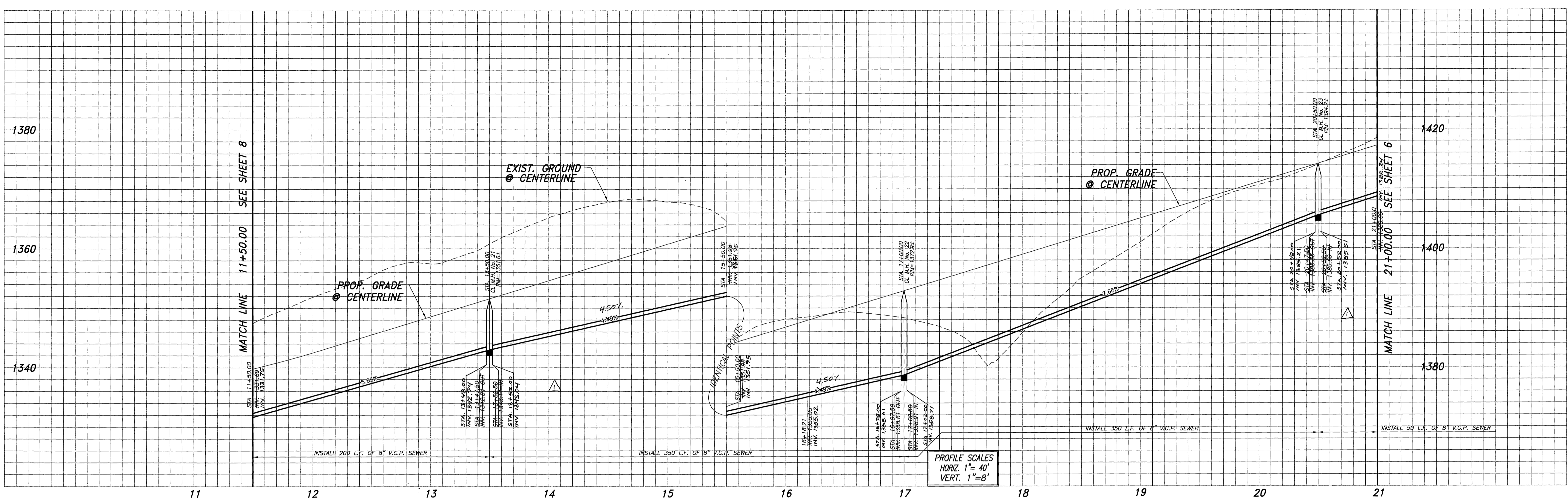
| | | | | | |
|---------------------|------|----|---------------|------|----|
| APPROVED BY | DATE | BY | APPROVED BY | DATE | BY |
| PRINCIPAL ENGINEER | | | CITY ENGINEER | | |
| PARK DEPARTMENT | | | | | |
| TRAFFIC DIVISION | | | | | |
| PLANNING DEPARTMENT | | | | | |
| STREET SERVICES | | | | | |

DATE: 4/25/05

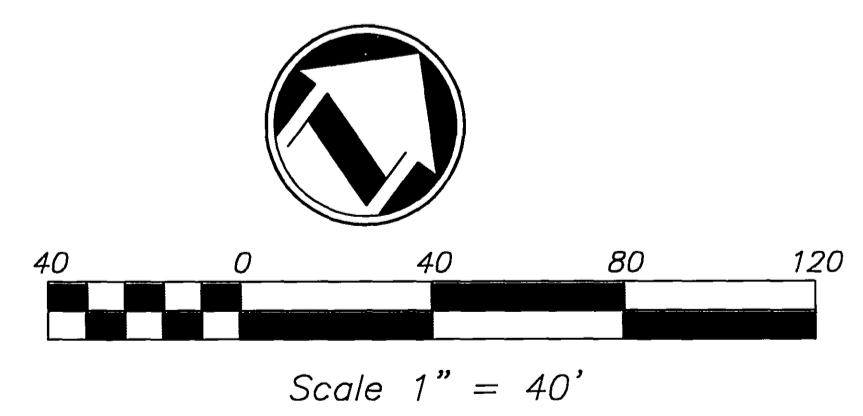
SEWER IMPROVEMENT PLAN
TRACT 29515
KINGDOM DRIVE
 A.P.N. 243-200-007, 243-220-001, 011, 015, 017
 243-230-001, 002, 021, 022, 024
 HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 8'

PW04-0648
 ACCOUNT NO.
S-1884
 SHEET **6** OF **24**
 J.N. 6500

INDEXED 11-17-05 lft



KINGDOM DRIVE



| LINE TABLE | | |
|------------|--------|--------------|
| LINE | LENGTH | BEARING |
| L207 | 81.79 | N54°51'15\"E |
| L208 | 350.00 | N54°51'15\"E |
| L209 | 350.00 | N54°51'15\"E |

| CURVE TABLE | | | | |
|-------------|-----------|--------|--------|---------|
| CURVE | DELTA | RADIUS | LENGTH | TANGENT |
| C201 | 40°30'44" | 495.00 | 350.00 | 182.67 |
| C202 | 31°02'44" | 495.00 | 288.21 | 137.49 |



Underground Service Alert
Call: TOLL FREE
1-800-227-2600
TWO WORKING DAYS BEFORE YOU DIG

CITY OF RIVERSIDE BUSINESS TAX ACCT.#058833 EXP.1/1/06
adkan ENGINEERS
Civil Engineering • Surveying • Planning
6820 Airport Drive, Riverside, CA 92504
Tel:(951) 688-6241 Fax:(951) 688-0599
Under the Supervision of: *[Signature]* 10/21/05
Charles Teach, R.C.E. 53390 Exp. 06.30.07 Date

BENCHMARK: F7 - K3
CITY OF RIVERSIDE REFERENCE LL47/7.
PK NAIL AND CITY ENGINEER TAG IN THE BASE OF A STREET LIGHT ALONG THE SOUTHERLY CURB OF OVERLOOK PARKWAY 12 FEET EAST OF CHATEAU RIDGE DRIVE, TRANSFER FROM F7-C2 BY CITY SURVEY CREW 6/10/2002.
ELEVATION: 1426.960

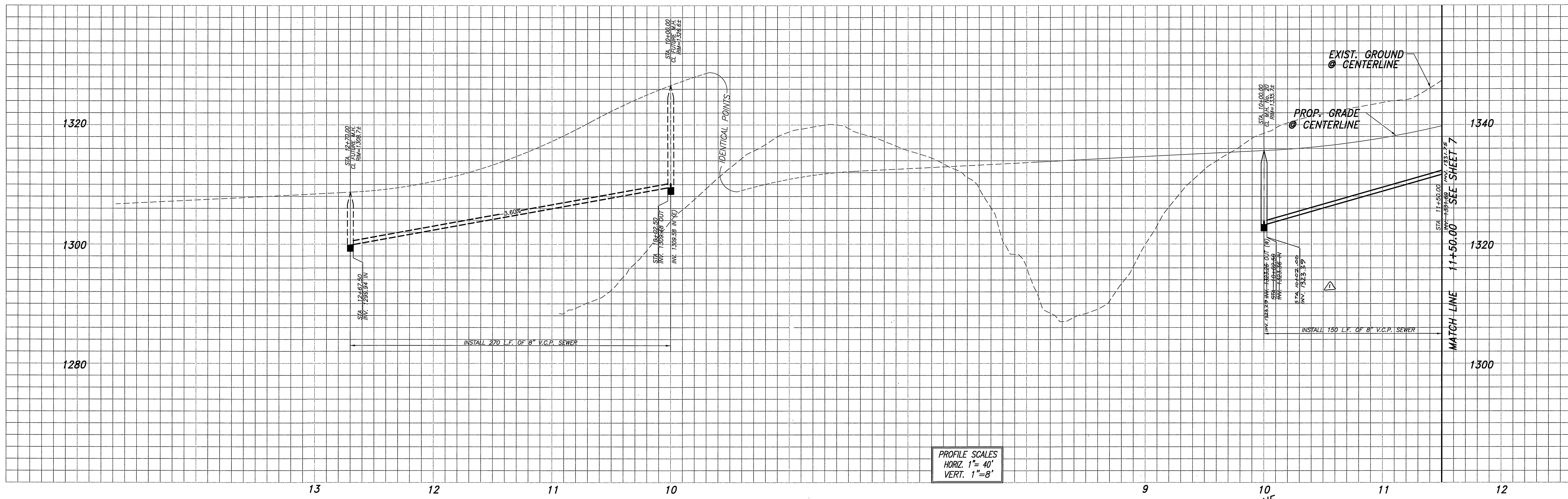
DESIGNED BY: RICK DRAWN BY: BRYAN CHECKED BY: C-
REVISIONS: REVISED M.H.'S TO 4\"/>

CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT
APPROVED BY: *[Signature]* DATE: 11/9/05
PRINCIPAL ENGINEER
PARK DEPARTMENT
TRAFFIC DIVISION
PLANNING DEPARTMENT
STREET SERVICES

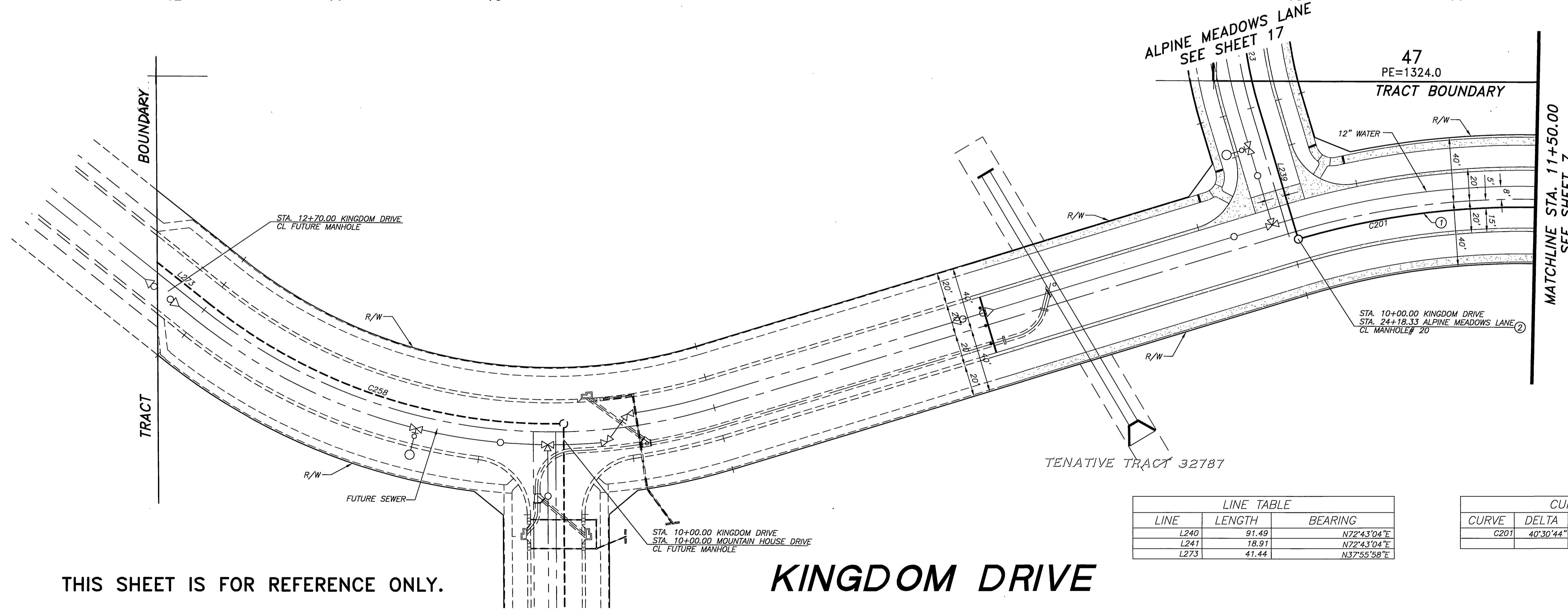
SEWER IMPROVEMENT PLAN TRACT 29515 KINGDOM DRIVE
A.P.N. 243-200-007, 243-220-001, 011, 015, 017
243-230-001, 002, 021, 022, 024
HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 8'

PW04-0648
ACCOUNT NO.
S-1884
SHEET 7 OF 24
J.N. 6500

INDEXED 11-17-05 Lft



PROFILE SCALES
 HORIZ. 1"=40'
 VERT. 1"=8'

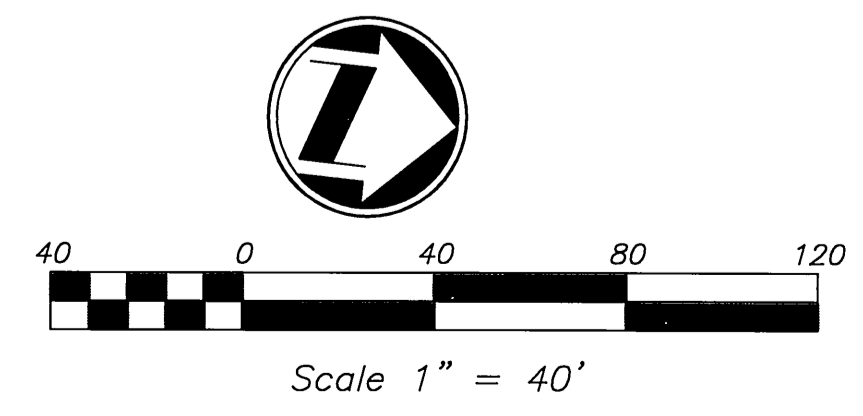


| LINE TABLE | | |
|------------|--------|-------------|
| LINE | LENGTH | BEARING |
| L240 | 91.49 | N72°43'04"E |
| L241 | 18.91 | N72°43'04"E |
| L273 | 41.44 | N37°55'58"E |

| CURVE TABLE | | | | |
|-------------|-----------|--------|--------|---------|
| CURVE | DELTA | RADIUS | LENGTH | TANGENT |
| C201 | 40°30'44" | 495.00 | 350.00 | 182.67 |

THIS SHEET IS FOR REFERENCE ONLY.

KINGDOM DRIVE



Underground Service Alert
 Call: TOLL FREE
1-800-227-2600
 TWO WORKING DAYS BEFORE YOU DIG

CITY OF RIVERSIDE BUSINESS TAX ACCT.#058833 EXP.1/1/06
 PLANS PREPARED BY:
adkan ENGINEERS
 Civil Engineering - Surveying - Planning
 6520 Airport Drive, Riverside, CA 92504
 Tel:(951) 688-2021 Fax:(951) 688-0599
 Under the Supervision of:
 Charles Leach, R.C.E. 53380 Exp. 06/30/07 Date: 11/21/06

BENCHMARK: F7-K3
 CITY OF RIVERSIDE REFERENCE LL47/7.
 PK NAIL AND CITY ENGINEER TAG IN THE
 BASE OF A STREET LIGHT ALONG THE SOUTHERLY
 CURB OF OVERLOOK PARKWAY 175 FEET EAST
 OF CHATEAU RIDGE DRIVE, TRANSFER FROM
 F7-C2 BY CITY SURVEY CREW 6/10/2002.
 ELEVATION: 1426.960

| MARK | REVISIONS | APPR. | DATE |
|------|-------------------------------|-------|----------|
| Δ | REVISED M.H.'S TO 4' DIAMETER | RZ | 11/21/06 |

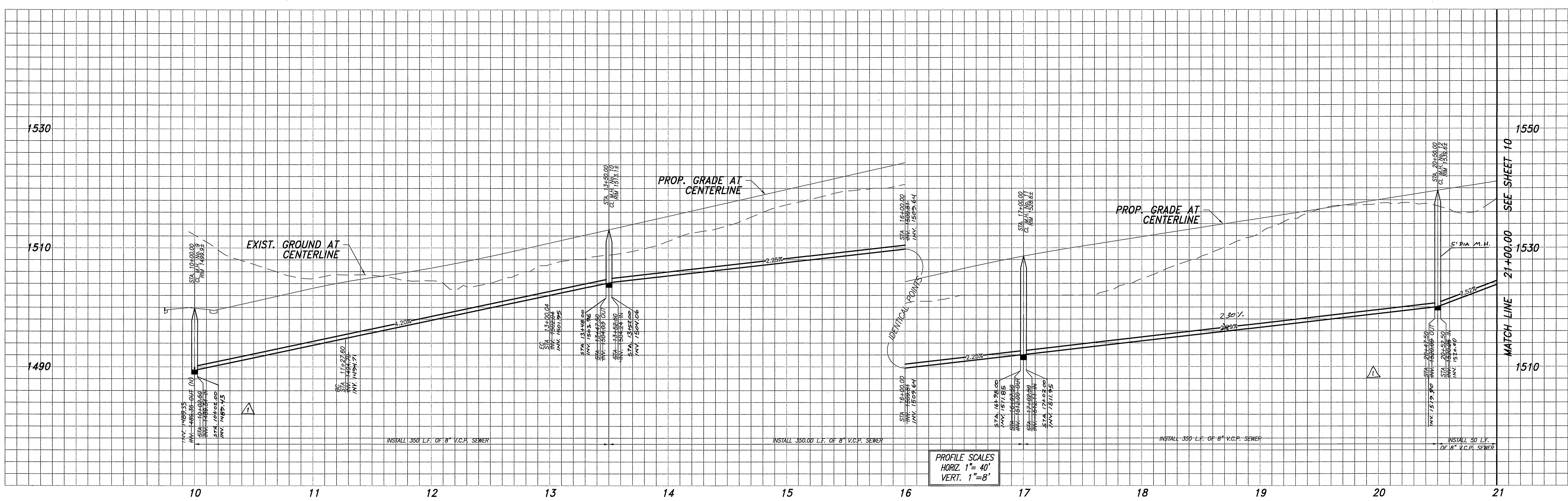
DESIGNED BY: RICK DRAWN BY: BRYAN CHECKED BY: C-

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT
 APPROVED BY: [Signature] DATE: 11/21/06
 PRINCIPAL ENGINEER
 PARK DEPARTMENT
 TRAFFIC DIVISION
 PLANNING DEPARTMENT
 STREET SERVICES

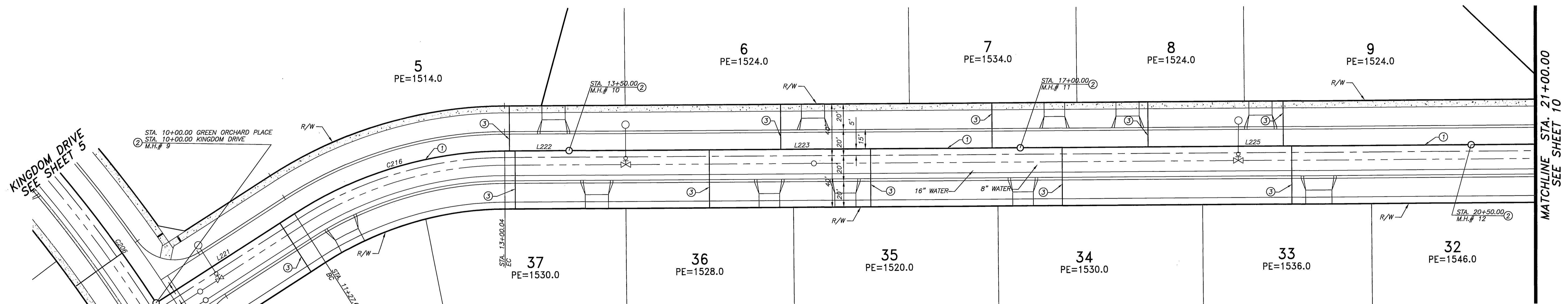
SEWER IMPROVEMENT PLAN
TRACT 29515
KINGDOM DRIVE
 A.P.N. 243-200-007, 243-220-001, 011, 015, 017
 243-230-001, 002, 021, 022, 024
 HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 8'

PW04-0648
 ACCOUNT NO.
S-1884
 SHEET **8** OF **24**
 J.N. 6500

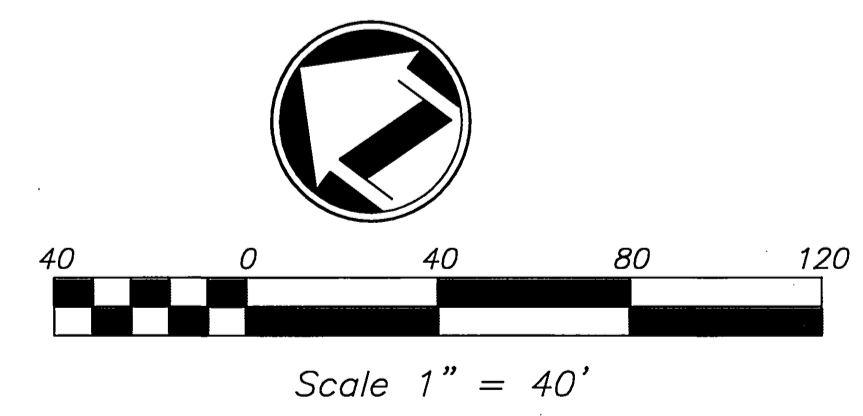
INDEXED 11-17-05 Lft



PROFILE SCALES
 HORIZ. 1" = 40'
 VERT. 1" = 8'



GREEN ORCHARD PLACE



| LINE TABLE | | |
|------------|--------|-------------|
| LINE | LENGTH | BEARING |
| L221 | 127.60 | N76°18'03"W |
| L222 | 49.96 | N43°54'28"W |
| L223 | 350.00 | N43°54'28"W |
| L224 | 350.00 | N43°54'28"W |
| L225 | 350.00 | N43°54'28"W |
| L226 | 116.93 | N43°54'28"W |

| CURVE TABLE | | | |
|-------------|-----------|---------|----------------|
| CURVE | DELTA | RADIUS | LENGTH TANGENT |
| C206 | 7°15'40" | 1005.00 | 127.37 63.77 |
| C216 | 32°23'35" | 305.00 | 172.44 86.59 |



Underground Service Alert
 Call: TOLL FREE
1-800-227-2600
 TWO WORKING DAYS BEFORE YOU DIG

CITY OF RIVERSIDE BUSINESS TAX ACCT.#058833 EXP.1/1/06
adkan ENGINEERS
 Civil Engineering · Surveying · Planning
 6820 Airport Drive, Riverside, CA 92504
 Tel:(951) 688-2144 Fax:(951) 688-0599
 Under the Supervision of: *Chadron J.A. Leach* 10/21/05
 Chadron Leach, R.C.E. 53390 Exp. 06/30/07 Date:

BENCHMARK: F7 - K3
 CITY OF RIVERSIDE REFERENCE LL47/7.
 PK NAIL AND CITY ENGINEER TAG IN THE
 BASE OF A STREET LIGHT ALONG THE SOUTHERLY
 CURB OF OVERLOOK PARKWAY 175 FEET EAST
 OF CHATEAU RIDGE DRIVE, TRANSFER FROM
 F7-C2 BY CITY SURVEY CREW 6/10/2002.
 ELEVATION: 1426.960

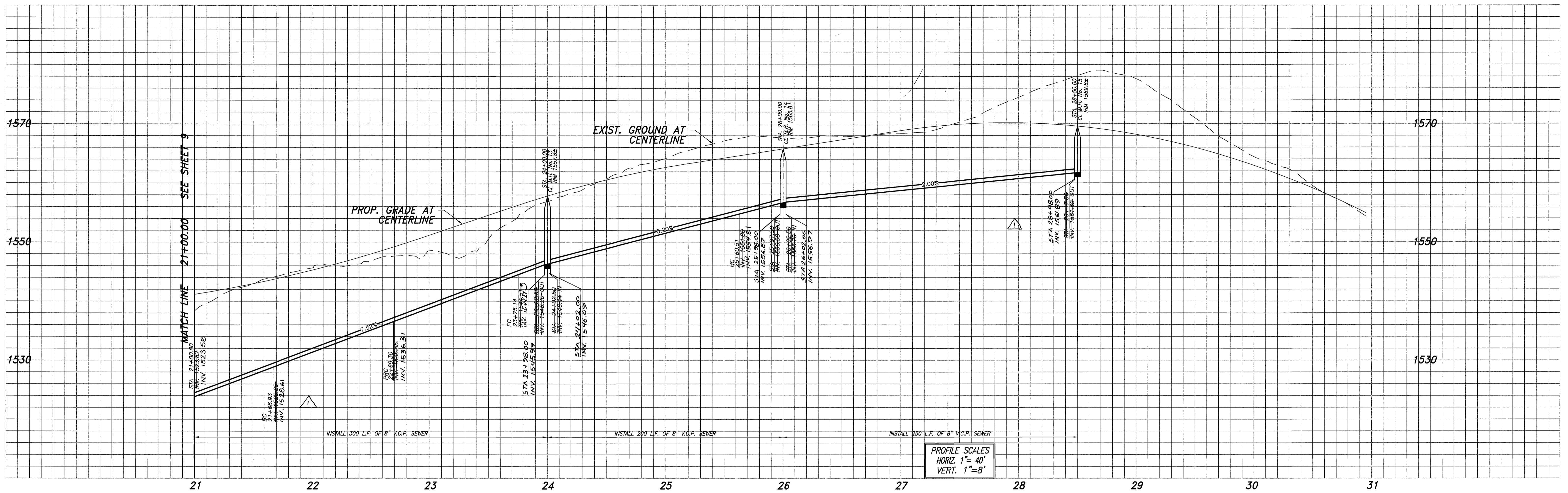
DESIGNED BY: RICK DRAWN BY: BRYAN CHECKED BY: C-
 REVISIONS: REVISED M.H.#5 TO 4" DIAMETER RIZ 11/8/05
 MARK: REVISIONS: APPR. DATE

CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT
 APPROVED BY: DATE BY: APPROVED BY: DATE BY:
 PRINCIPAL ENGINEER: *[Signature]* CITY ENGINEER: *[Signature]*
 PARK DEPARTMENT: TRAFFIC DIVISION: PLANNING DEPARTMENT: STREET SERVICES:

SEWER IMPROVEMENT PLAN TRACT 29515
GREEN ORCHARD PLACE
 A.P.N. 243-200-007, 243-220-001, 011, 015, 017
 243-230-001, 002, 021, 022, 024
 HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 8'

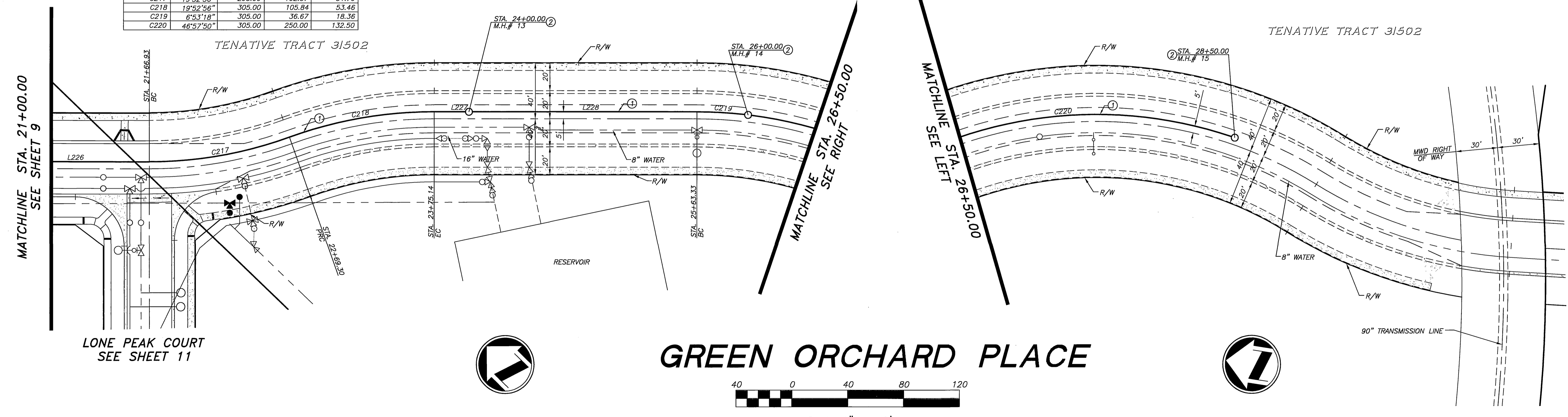
PW04-0648
 ACCOUNT NO.
S-1884
 SHEET **9** OF **24**
 J.N. 6500

INDEXED 11-17-05 Lfh



| LINE TABLE | | |
|------------|--------|--------------|
| LINE | LENGTH | BEARING |
| L226 | 116.93 | N43°54'28\"W |
| L227 | 24.66 | N43°54'28\"W |
| L228 | 163.33 | N43°54'28\"W |

| CURVE TABLE | | | | |
|-------------|------------|--------|--------|---------|
| CURVE | DELTA | RADIUS | LENGTH | TANGENT |
| C217 | 19°52'56\" | 295.00 | 102.37 | 51.70 |
| C218 | 19°52'56\" | 305.00 | 105.84 | 53.46 |
| C219 | 6°53'18\" | 305.00 | 36.67 | 18.36 |
| C220 | 46°57'50\" | 305.00 | 250.00 | 132.50 |



Underground Service Alert
 Call: TOLL FREE
1-800-227-2600
 TWO WORKING DAYS BEFORE YOU DIG

CITY OF RIVERSIDE BUSINESS TAX ACCT.#058833 EXP.11/1/06
adkan ENGINEERS
 Civil Engineering - Surveying - Planning
 6820 Airport Drive, Riverside, CA 92504
 Tel:(951) 698-0241 Fax:(951) 688-0599
 Under the Supervision of: *[Signature]* M/11/05
 Charissa Leach, R.C.E. 53390 Exp. 06/30/07 Date:

BENCHMARK: F7 - K3
 CITY OF RIVERSIDE REFERENCE LL47/7.
 PK NAIL AND CITY ENGINEER TAG IN THE
 BASE OF A STREET LIGHT ALONG THE SOUTHERLY
 CURB OF OVERLOOK PARKWAY 175 FEET EAST
 OF CHATEAU RIDGE DRIVE, TRANSFER FROM
 F7-C2 BY CITY SURVEY CREW 6/10/2002.
 ELEVATION: 1426.960

| MARK | REVISIONS | APPR. | DATE |
|------|-------------------------------|-------|---------|
| Δ | REVISED M.H.'S TO 4' DIAMETER | RZ | 11/8/05 |

DESIGNED BY: RICK DRAWN BY: BRYAN CHECKED BY: C-

CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT

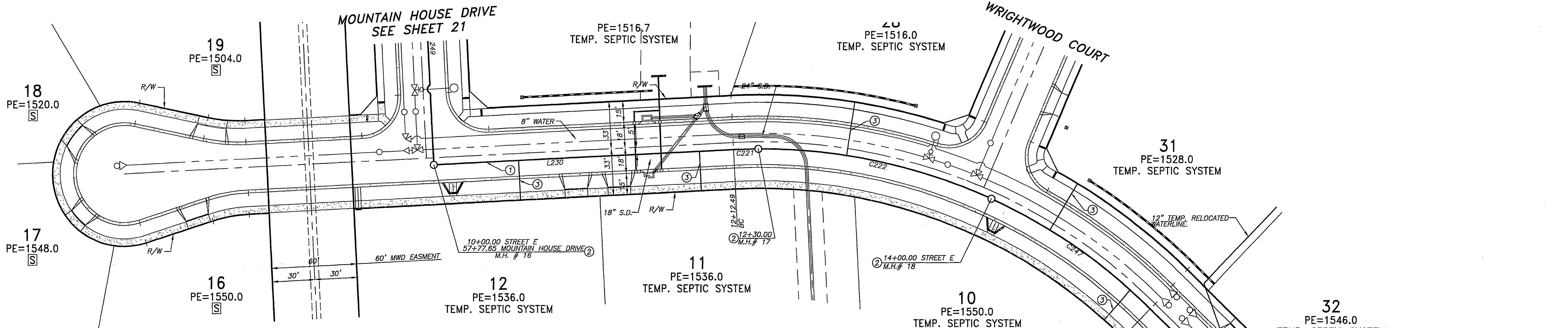
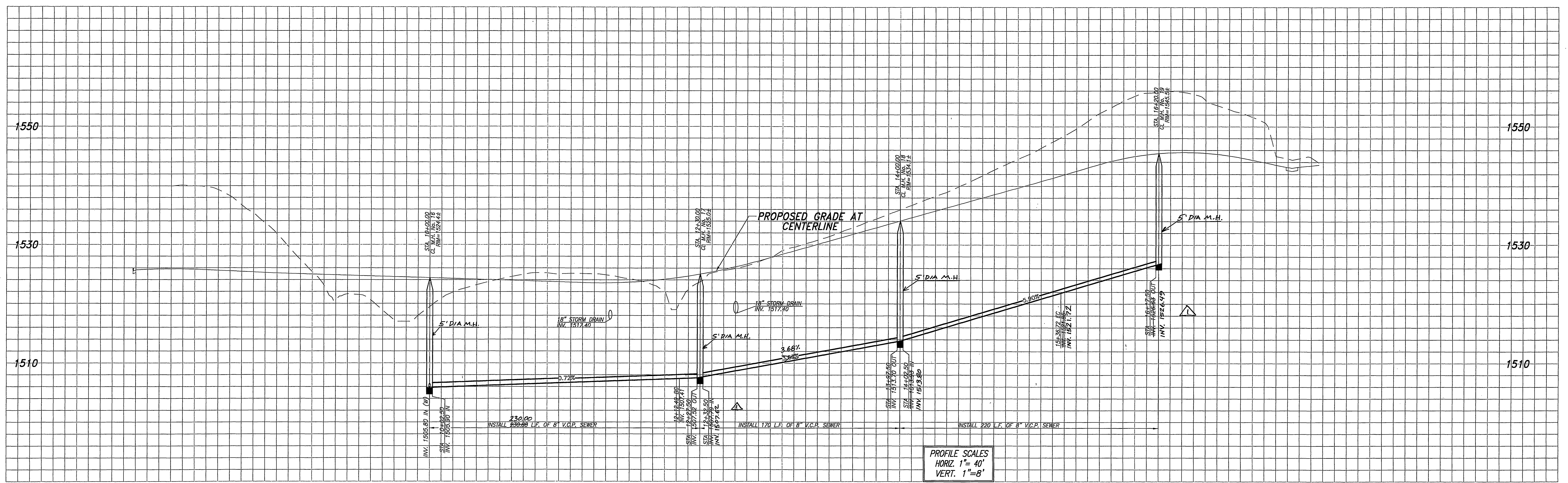
| | | | | |
|---------------------|------|----|--------------------|------|
| APPROVED BY | DATE | BY | APPROVED BY | DATE |
| PRINCIPAL ENGINEER | | | <i>[Signature]</i> | |
| PARK DEPARTMENT | | | CITY ENGINEER | |
| TRAFFIC DIVISION | | | | |
| PLANNING DEPARTMENT | | | | |
| STREET SERVICES | | | | |

DATE: *11/15/05*

SEWER IMPROVEMENT PLAN TRACT 29515
GREEN ORCHARD PLACE
 A.P.N. 243-200-007, 243-220-001, 011, 015, 017
 243-230-001, 002, 021, 022, 024
 HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 8'

PW04-0648
 ACCOUNT NO.
S-1884
 SHEET **10** OF **24**
 J.N. 6500

INDEXED 11-17-05 LHM

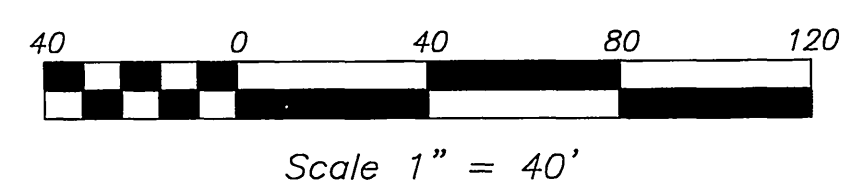
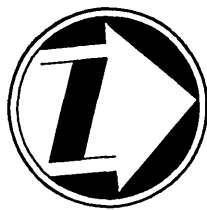


LONE PEAK COURT

NOTE:
PROPOSED SEWER ON MOUNTAIN HOUSE DRIVE AND LONE PEAK COURT WILL REMAIN DRY UNTIL SUCH TIME THAT THE SEWER IN TRACT 32787 IS CONSTRUCTED. LOTS 10-12, 20-28, 31, AND 32 WILL BE ON TEMP. SEPTIC SYSTEM UNTIL SEWER IS AVAILABLE.

| LINE | LENGTH | BEARING |
|------|--------|-------------|
| L230 | 183.39 | N02°56'15"W |
| L231 | 83.28 | N46°05'32"E |

| CURVE | DELTA | RADIUS | LENGTH | TANGENT |
|-------|-----------|--------|--------|---------|
| C221 | 2°32'23" | 395.00 | 17.31 | 8.76 |
| C222 | 24°39'32" | 395.00 | 170.00 | 86.34 |
| C247 | 19°49'52" | 395.00 | 136.72 | 69.05 |



Underground Service Alert
Call: TOLL FREE
1-800-227-2600
TWO WORKING DAYS BEFORE YOU DIG

CITY OF RIVERSIDE BUSINESS TAX ACCT.#058833 EXP.1/1/06

PLANS PREPARED BY:
adkan ENGINEERS
Civil Engineering • Surveying • Planning
6820 Airport Drive, Riverside, CA 92504
Tel:(951) 689-7242 • Fax:(951) 688-0599

BENCHMARK: F7-K3
CITY OF RIVERSIDE REFERENCE LL47/7.
PK NAIL AND CITY ENGINEER TAG IN THE
BASE OF A STREET LIGHT ALONG THE SOUTHERLY
CURB OF OVERLOOK PARKWAY 178 FEET EAST
OF CHATEAU RIDGE DRIVE, TRANSFER FROM
F7-C2 BY CITY SURVEY CREW 6/10/2002.
ELEVATION: 1426.960

| MARK | REVISIONS | APPR. | DATE |
|------|----------------------|-------|---------|
| Δ | REVISED M.H. INVERTS | RZ | 11-6-05 |

CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT

APPROVED BY: [Signature]
DATE: 11/15/05
PRINCIPAL ENGINEER

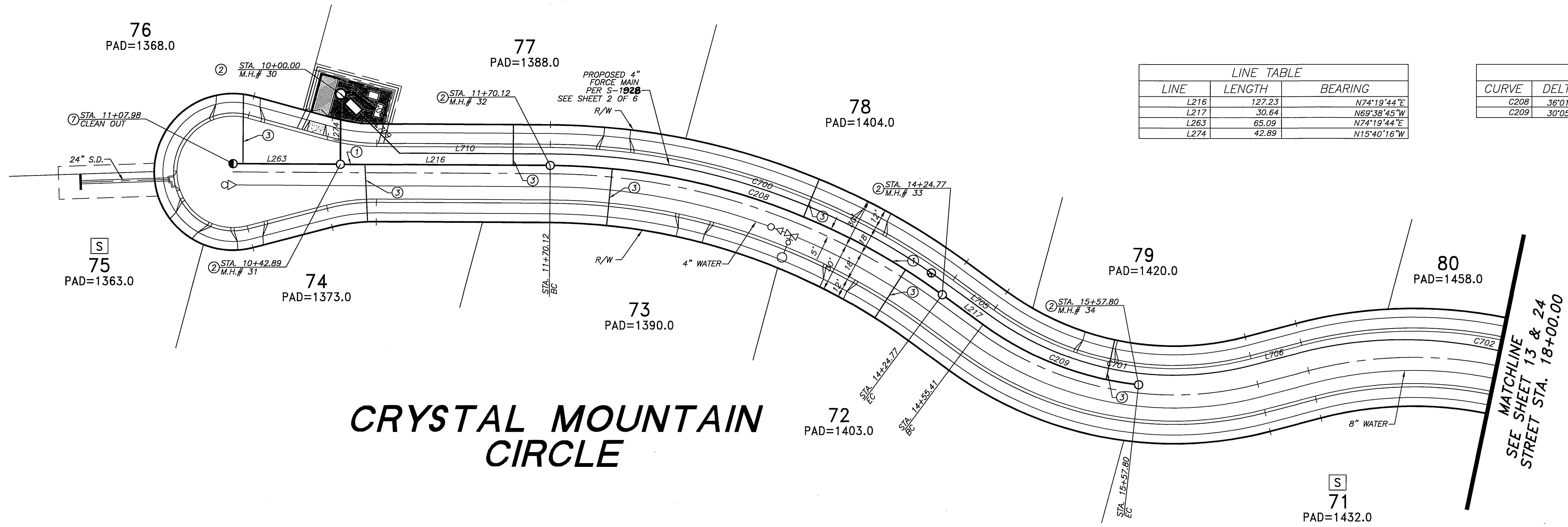
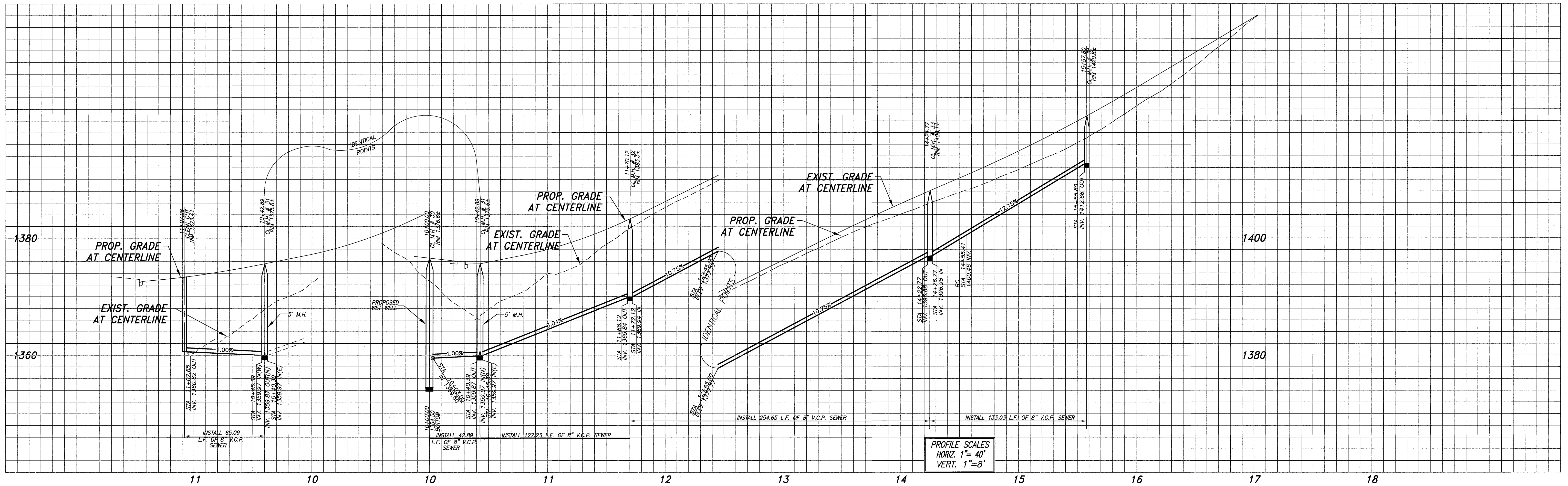
APPROVED BY: [Signature]
DATE: 10/25/05
CITY ENGINEER

DESIGNED BY: RICK DRAWN BY: BRYAN CHECKED BY: C-

SEWER IMPROVEMENT PLAN
TRACT 29515
LONE PEAK COURT
A.P.N. 243-200-007, 243-220-001, 011, 015, 017
243-230-001, 002, 021, 022, 024
HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 8'

PW04-0648
ACCOUNT NO.
S-1884
SHEET 11 of 24
J.N. 6500

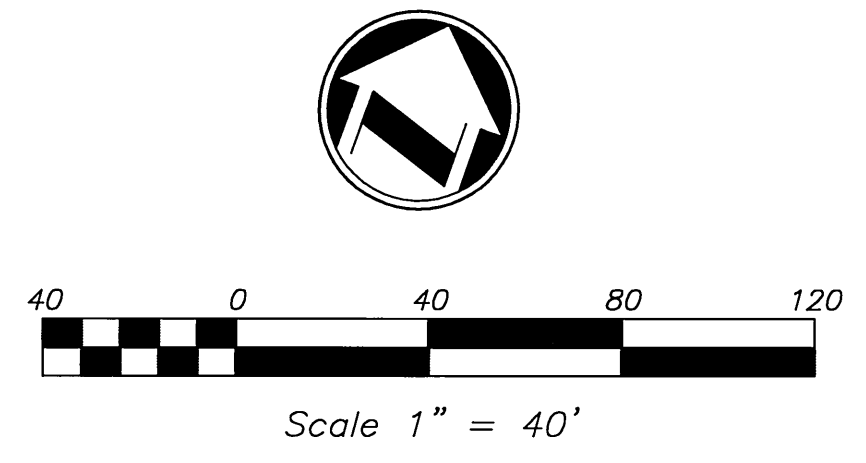
INDEXED 11-17-05 LHH



| LINE TABLE | | |
|------------|--------|---------------|
| LINE | LENGTH | BEARING |
| L216 | 127.23 | N74°19'44\"/> |

| CURVE TABLE | | | | |
|-------------|--------------|--------|--------|---------|
| CURVE | DELTA | RADIUS | LENGTH | TANGENT |
| C208 | 36°01'31\"/> | | | |

CRYSTAL MOUNTAIN CIRCLE



Underground Service Alert
 Call: TOLL FREE
1-800-227-2600
 TWO WORKING DAYS BEFORE YOU DIG

CITY OF RIVERSIDE BUSINESS TAX ACCT.#058833 EXP.1/1/08
 PLANS PREPARED BY:
adkan ENGINEERS
 Civil Engineering - Surveying - Planning
 6820 Airport Drive, Riverside, CA 92504
 Tel:(951) 688-0241 Fax:(951) 688-0599
 Under the Supervision of
 Channing Leach, R.C.E. 53390 Exp. 06.30.07 Date: 2/2/06

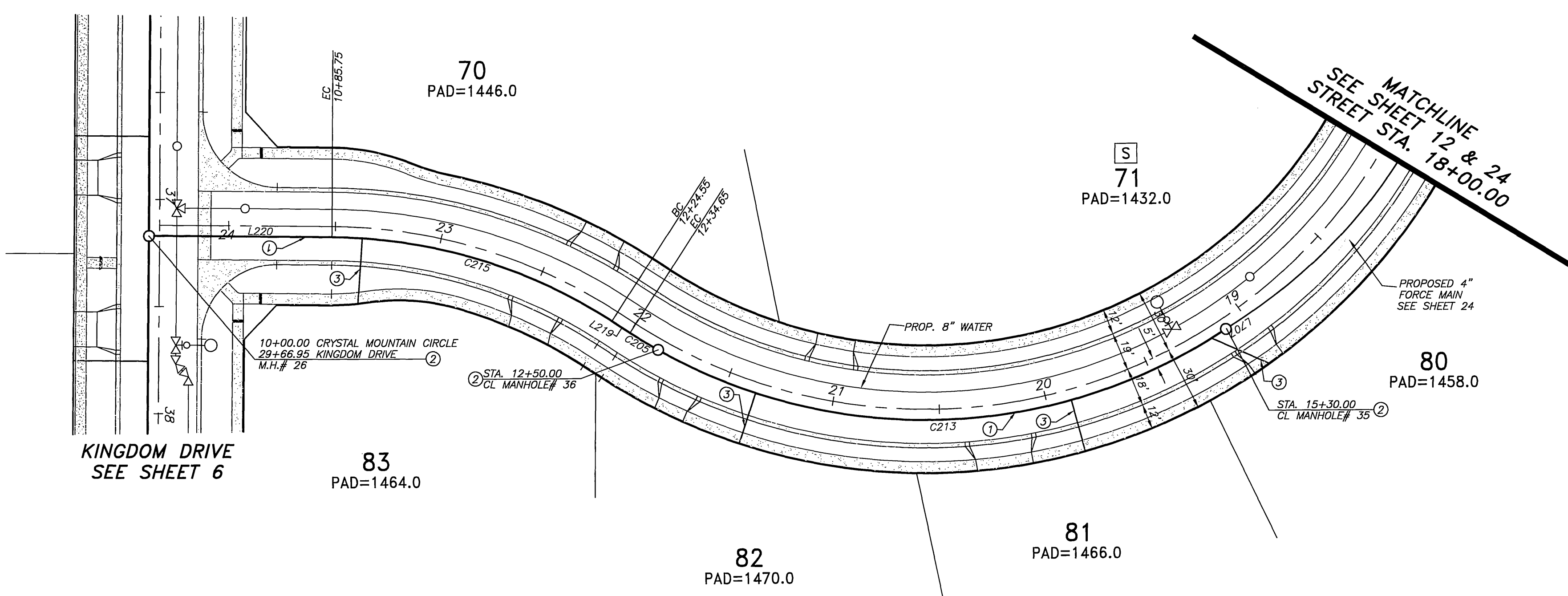
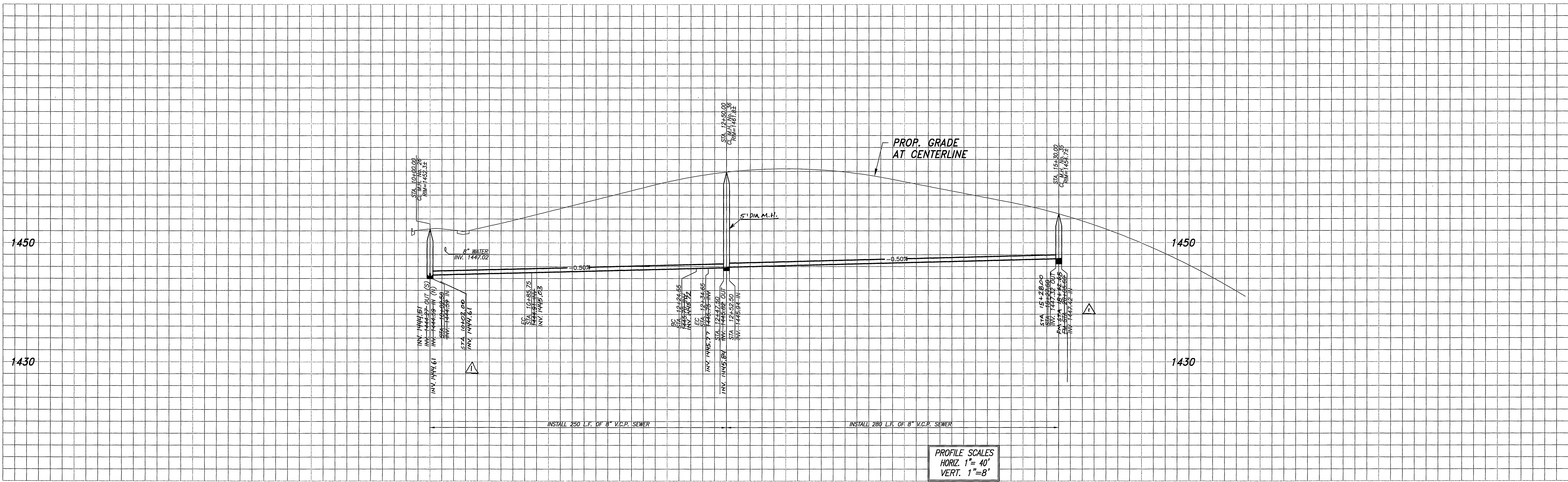
BENCHMARK: F7 - K3
 CITY OF RIVERSIDE REFERENCE 114777.
 PK NAIL AND CITY ENGINEER TAG IN THE
 BASE OF A STREET LIGHT ALONG THE SOUTHERLY
 CURB OF OVERLOOK PARKWAY 175 FEET EAST
 OF CHATEAU RIDGE DRIVE. TRANSFER FROM
 17-02 BY CITY SURVEY CREW 8/10/2002.
 ELEVATION: 1426.960

| MARK | REVISIONS | APPR. | DATE |
|------|-----------|-------|------|
| | | | |

DESIGNED BY: RICK DRAWN BY: BRYAN CHECKED BY: C-

CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT
 APPROVED BY: [Signature] DATE: 2/2/06
 PRINCIPAL ENGINEER
 PLANNING DEPARTMENT
 TRAFFIC DIVISION
 STREET SERVICES

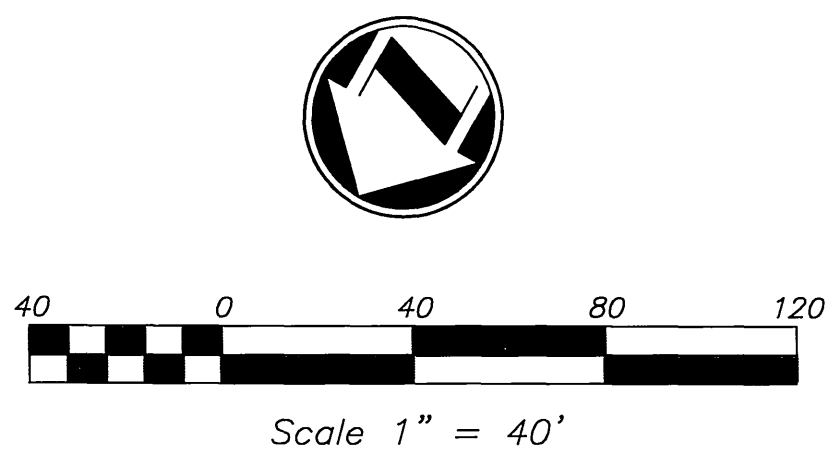
SEWER IMPROVEMENT PLAN
TRACT 29515
 CRYSTAL MOUNTAIN CIRCLE
 A.P.N. 243-200-007, 243-220-001, 011, 015, 017
 243-230-001, 002, 021, 022, 024
 ACCOUNT NO. **S-1884**
 SHEET **12** OF **25**
 J.N. 6500
 HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 8'



| CURVE TABLE | | | | |
|-------------|-----------|--------|--------|---------|
| CURVE | DELTA | RADIUS | LENGTH | TANGENT |
| C203 | 3°25'56" | 255.00 | 15.35 | 7.68 |
| C213 | 6°25'44" | 255.00 | 280.00 | 156.00 |
| C214 | 6°26'12" | 255.00 | 285.68 | 166.98 |
| C215 | 32°27'37" | 245.00 | 138.80 | 71.32 |

| LINE TABLE | | |
|------------|--------|-------------|
| LINE | LENGTH | BEARING |
| L219 | 10.10 | N02°41'08"W |
| L220 | 65.75 | N35°08'45"W |

CRYSTAL MOUNTAIN CIRCLE



Underground Service Alert
 Call: TOLL FREE
1-800-227-2600
 TWO WORKING DAYS BEFORE YOU DIG

CITY OF RIVERSIDE BUSINESS TAX ACCT.#058833 EXP.1/1/06
adkan ENGINEERS
 Civil Engineering · Surveying · Planning
 6820 Airport Drive, Riverside, CA 92504
 Tel:(951) 689-0241 Fax:(951) 688-0599
 Under the Supervision of: *[Signature]* 10/21/05
 Charissa Leach, R.C.E. 53390 Exp. 06/30/07 Date:

BENCHMARK: F7 - K3
 CITY OF RIVERSIDE REFERENCE LL47/7.
 PK NAIL AND CITY ENGINEER TAG IN THE BASE OF A STREET LIGHT ALONG THE SOUTHERLY CURB OF OVERLOOK PARKWAY 175 FEET EAST OF CHATEAU RIDGE DRIVE, TRANSFER FROM F7-C2 BY CITY SURVEY CREW 6/10/2002.
 ELEVATION: 1426.960

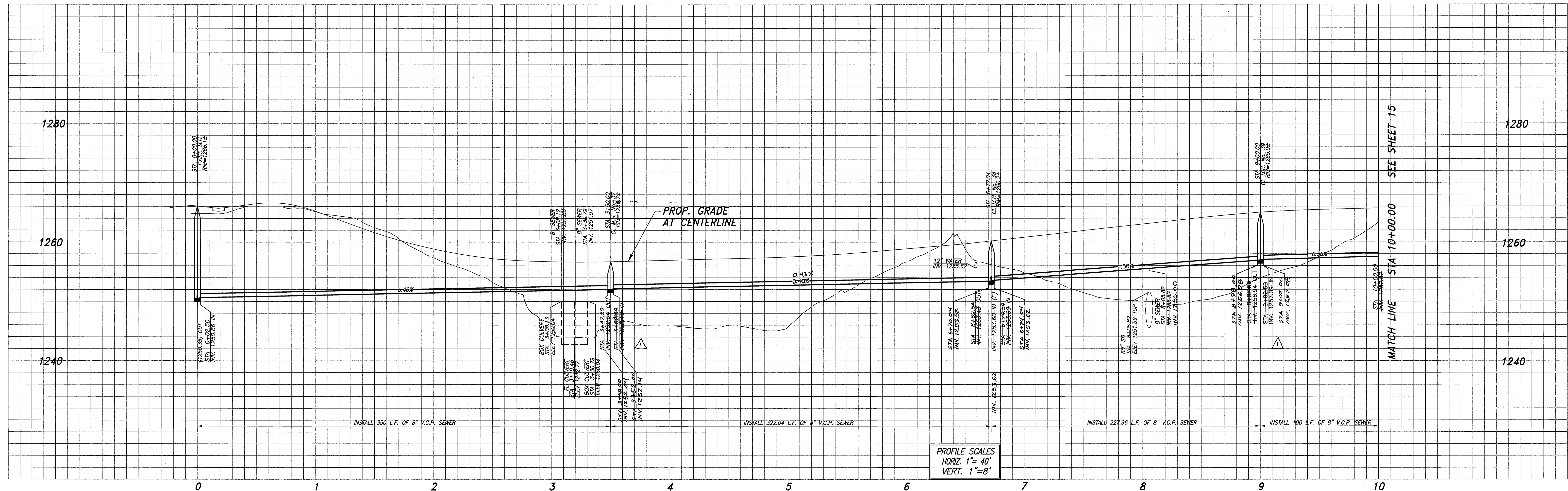
DESIGNED BY: RICK DRAWN BY: BRYAN CHECKED BY: C-
 REVISIONS: REVISED M.H.'S TO 4' DIAMETER
 DATE: 11/20/05

CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT
 APPROVED BY: *[Signature]* DATE: 10/25/05
 PRINCIPAL ENGINEER
 PARK DEPARTMENT
 TRAFFIC DIVISION
 PLANNING DEPARTMENT
 STREET SERVICES

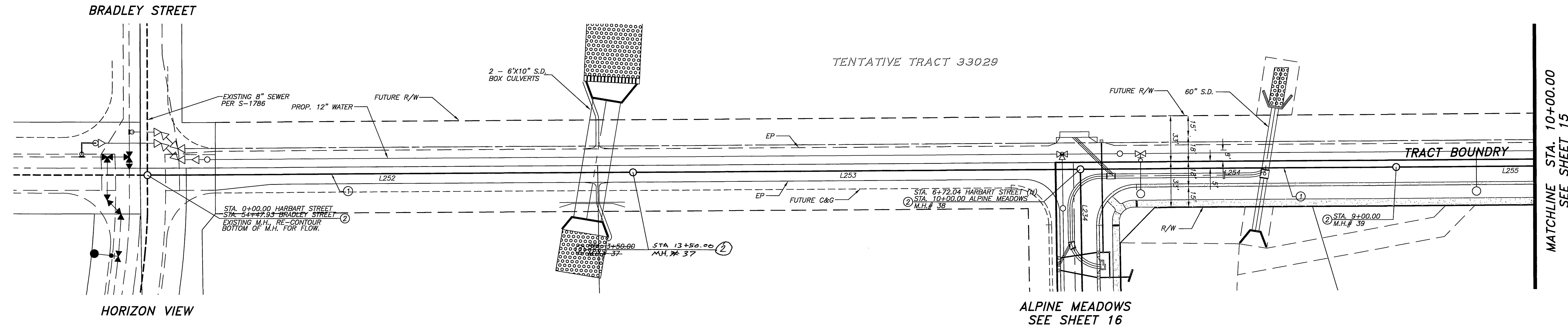
SEWER IMPROVEMENT PLAN
TRACT 29515
 CRYSTAL MOUNTAIN CIRCLE
 A.P.N. 243-200-007, 243-220-001, 011, 015, 017
 243-230-001, 002, 021, 022, 024
 HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 8'

PW04-0648
 ACCOUNT NO.
S-1884
 SHEET 13 OF 24
 J.N. 6500

INDEXED 11-17-05 GPH



PROFILE SCALES
 HORIZ. 1" = 40'
 VERT. 1" = 8'



BRADLEY STREET

HORIZON VIEW

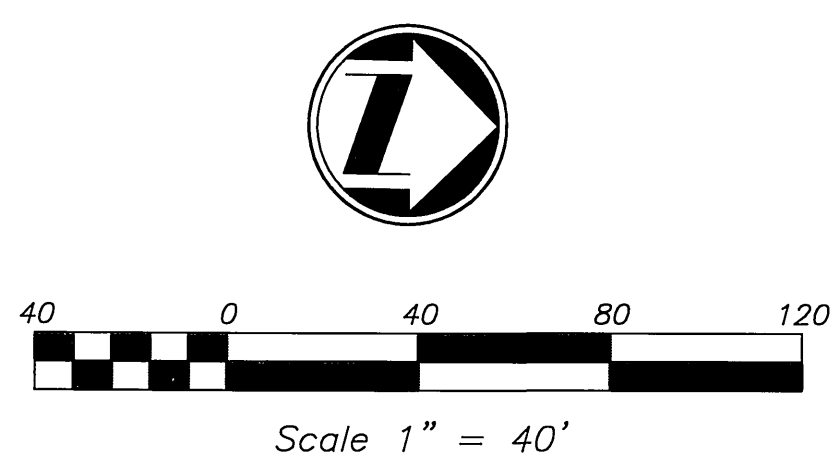
TENTATIVE TRACT 33029

TRACT BOUNDRY

ALPINE MEADOWS
 SEE SHEET 16

HARBART STREET

| LINE | LENGTH | BEARING |
|------|--------|-------------|
| L252 | 350.00 | N00°22'34"W |
| L253 | 322.04 | N00°22'34"W |
| L254 | 227.96 | N00°22'34"W |
| L255 | 179.52 | N00°22'34"W |



Underground Service Alert
 Call: TOLL FREE
1-800-227-2600
 TWO WORKING DAYS BEFORE YOU DIG

PLANS PREPARED BY:
adkan ENGINEERS
 Civil Engineering - Surveying - Planning
 6820 Airport Drive, Riverside, CA 92504
 Tel: (951) 688-0241 Fax: (951) 688-0599
 Under the Supervision of: *[Signature]* 10/21/05
 Charissa Leach, R.C.E. 53390 Exp. 06/30/07 Date:

BENCHMARK: F7 - K3
 CITY OF RIVERSIDE REFERENCE LL47/7.
 PK NAIL AND CITY ENGINEER TAG IN THE
 BASE OF A STREET LIGHT ALONG THE SOUTHERLY
 CURB OF OVERLOOK PARKWAY 175 FEET EAST
 OF CHATEAU RIDGE DRIVE, TRANSFER FROM
 F7-C2 BY CITY SURVEY CREW 6/10/2002.
 ELEVATION: 1426.960

| MARK | REVISIONS | APPR. | DATE |
|------|-------------------------------|-------|---------|
| Δ | REVISED M.H.'S TO 4" DIAMETER | R/L | 11/8/05 |

DESIGNED BY: RICK DRAWN BY: BRYAN CHECKED BY: C-

**CITY OF RIVERSIDE
 PUBLIC WORKS DEPARTMENT**

| | | | |
|---------------------|----------|-------------|-------------|
| APPROVED BY | DATE | BY | APPROVED BY |
| PRINCIPAL ENGINEER | 10/25/05 | [Signature] | [Signature] |
| PARK DEPARTMENT | | | |
| TRAFFIC DIVISION | | | |
| PLANNING DEPARTMENT | | | |
| STREET SERVICES | | | |

DATE: 10/25/05

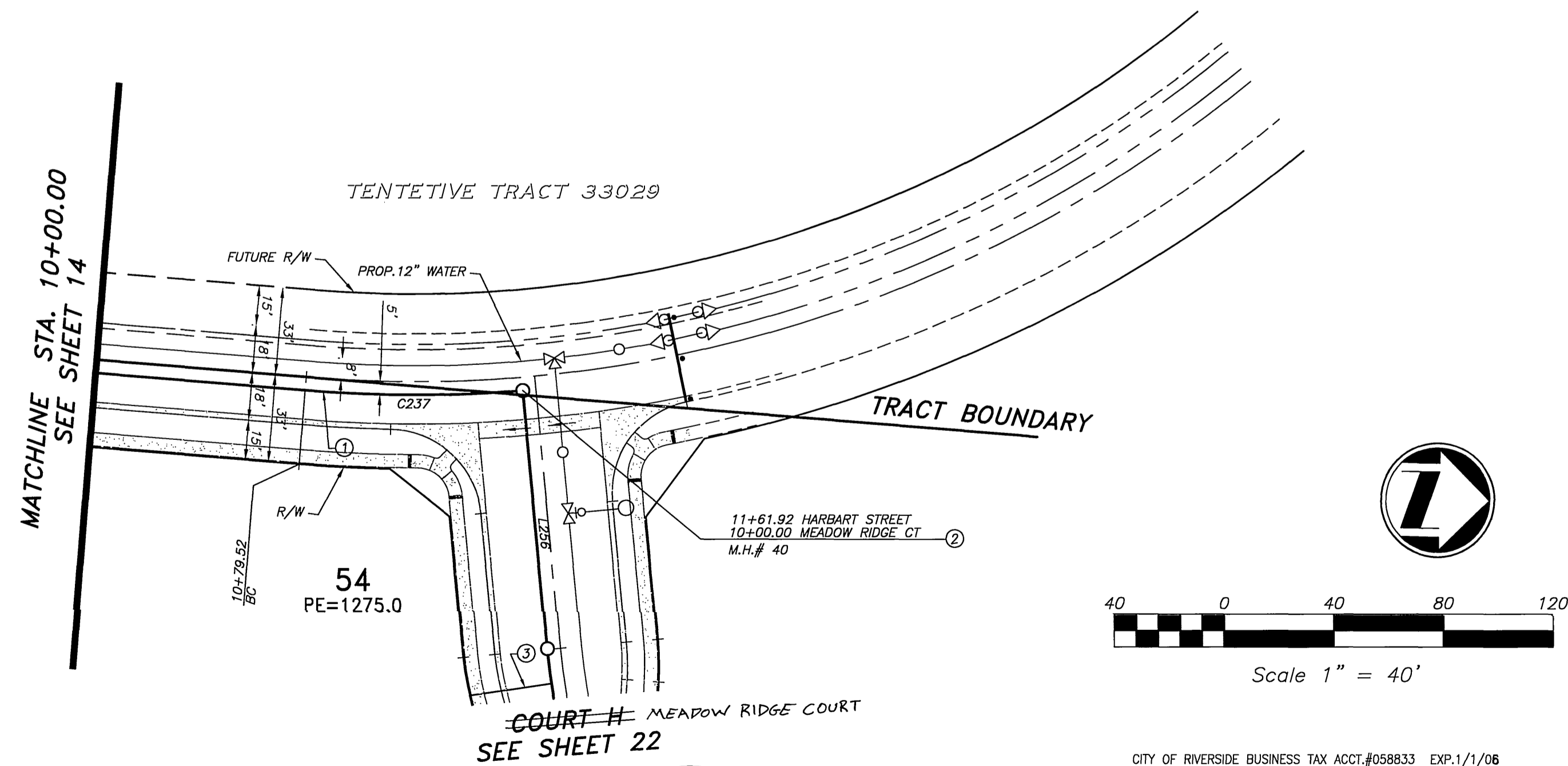
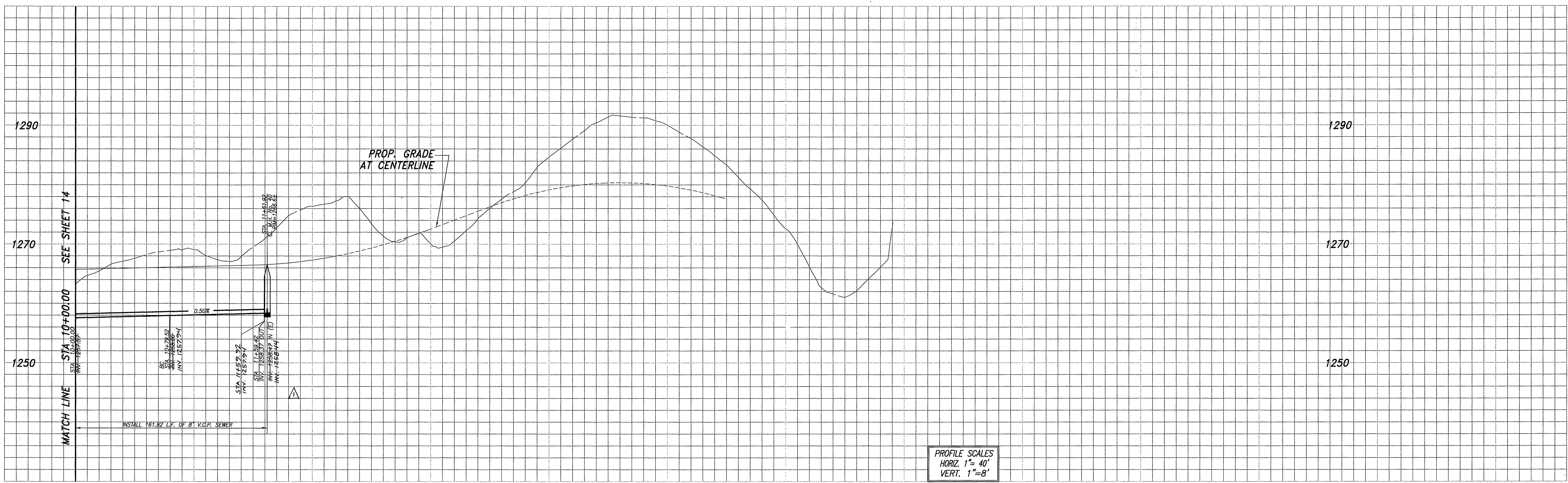
**SEWER IMPROVEMENT PLAN
 TRACT 29515
 HARBART STREET**

A.P.N. 243-200-007, 243-220-001, 011, 015, 017
 243-230-001, 002, 021, 022, 024

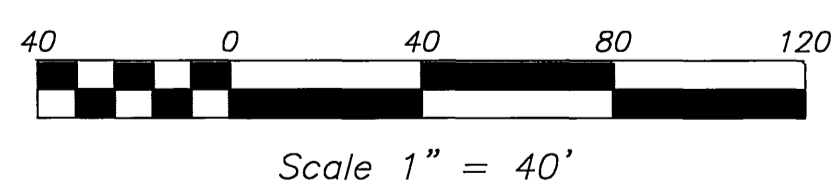
HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 8'

PW04-0648
 ACCOUNT NO.
S-1884
 SHEET **14** OF **24**
 J.N. 6500

INDEXED 11-17-05 LH



HARBART STREET



| LINE | LENGTH | BEARING |
|------|--------|-------------|
| L256 | 95.02 | N79°42'28"E |

| CURVE | DELTA | RADIUS | LENGTH | TANGENT |
|-------|-----------|--------|--------|---------|
| C237 | 9°20'56" | 505.00 | 82.40 | 41.29 |
| C238 | 32°28'14" | 505.00 | 286.19 | 147.05 |



Underground Service Alert
 Call: TOLL FREE
1-800-227-2600
 TWO WORKING DAYS BEFORE YOU DIG

CITY OF RIVERSIDE BUSINESS TAX ACCT.#058833 EXP.1/1/06
adkan ENGINEERS
 Civil Engineering · Surveying · Planning
 6820 Airport Drive, Riverside, CA 92504
 Tel:(951) 688-0241 / Fax:(951) 688-0599
 Under the Supervision of: *[Signature]* 10/21/05
 Charles Leach, R.C.E. 53390 Exp. 06.30.07 Date:

BENCHMARK: F7 - K3
 CITY OF RIVERSIDE REFERENCE LL4777.
 PK NAIL AND CITY ENGINEER TAG IN THE BASE OF A STREET LIGHT ALONG THE SOUTHERLY CURB OF OVERLOOK PARKWAY 175 FEET EAST OF CHATEAU RIDGE DRIVE, TRANSFER FROM F7-C2 BY CITY SURVEY CREW 6/10/2002.
 ELEVATION: 1426.960

| MARK | REVISIONS | APPR. | DATE |
|------|-------------------------------|-------|---------|
| Δ | REVISED M.H.'S TO 4" DIAMETER | RZ | 11-8-05 |

DESIGNED BY: RICK DRAWN BY: BRYAN CHECKED BY: C-

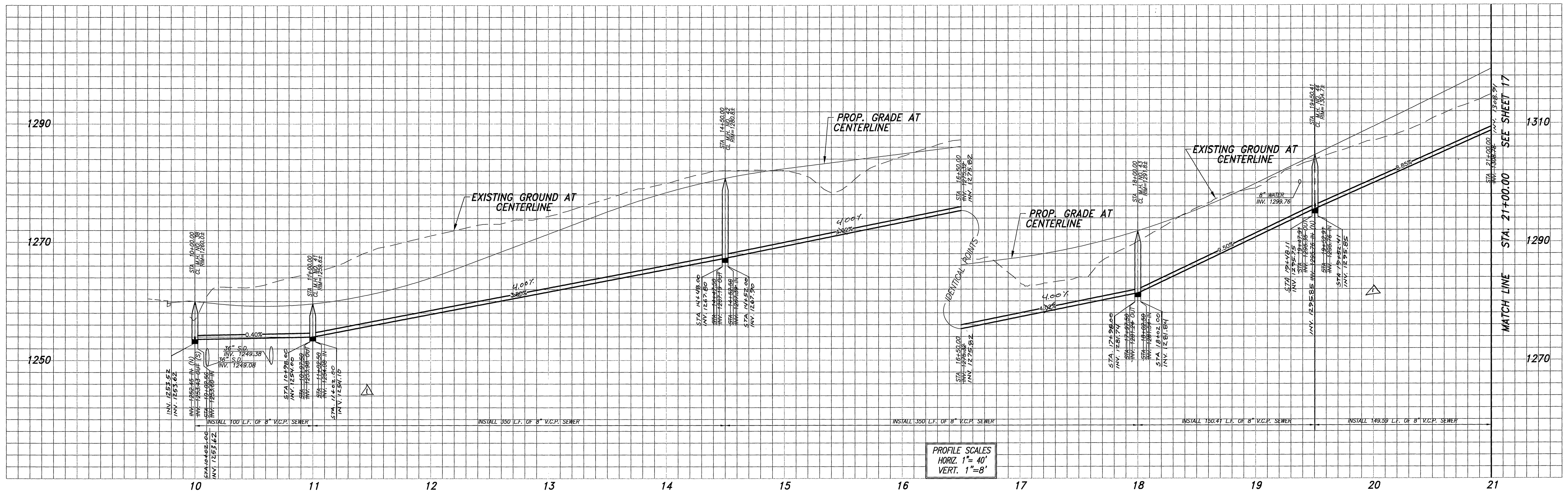
CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT

| | | | | |
|---------------------|----------|-------------|---------------|----------|
| APPROVED BY | DATE | BY | APPROVED BY | DATE |
| PRINCIPAL ENGINEER | 10/15/05 | [Signature] | CITY ENGINEER | 10/15/05 |
| PARK DEPARTMENT | | | | |
| TRAFFIC DIVISION | | | | |
| PLANNING DEPARTMENT | | | | |
| STREET SERVICES | | | | |

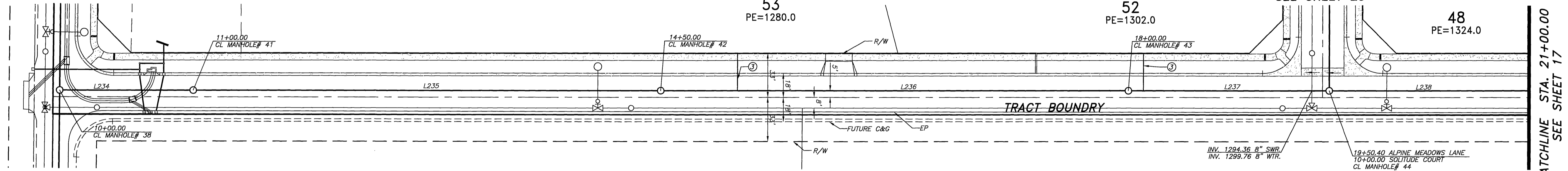
PW04-0648
 ACCOUNT NO.
S-1884
 SHEET **15** OF **24**
 HARBART STREET
 A.P.N. 243-200-007, 243-220-001, 011, 015, 017
 243-230-001, 002, 021, 022, 024
 HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 8'
 J.N. 6500

INDEXED 11-17-05 Lft

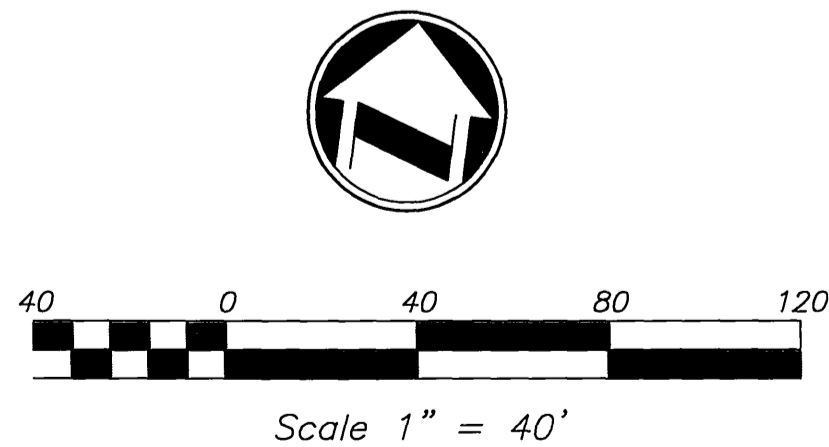
U:\Projects\Plan\5000\Plan\5000.dwg Oct 17, 2005 - 2:32pm



HARBART STREET
SEE SHEET 14



ALPINE MEADOWS LANE



| LINE TABLE | | |
|------------|--------|-------------|
| LINE | LENGTH | BEARING |
| L234 | 100.00 | N89°05'03"E |
| L235 | 350.00 | N89°05'03"E |
| L236 | 350.00 | N89°05'03"E |
| L237 | 150.40 | N89°05'03"E |
| L238 | 299.60 | N89°05'03"E |



Underground Service Alert
Call: TOLL FREE
1-800-227-2600
TWO WORKING DAYS BEFORE YOU DIG

CITY OF RIVERSIDE BUSINESS TAX ACCT.#058833 EXP.1/1/06
PLANS PREPARED BY:
adkan ENGINEERS
Civil Engineering · Surveying · Planning
6820 Airport Drive, Riverside, CA 92504
Tel:(951) 696-7024 · Fax:(951) 688-0599
Under the Supervision of: *[Signature]* 10/31/05
Charissa Leach, R.C.E. 53380 Exp. 06/30/07 Date:

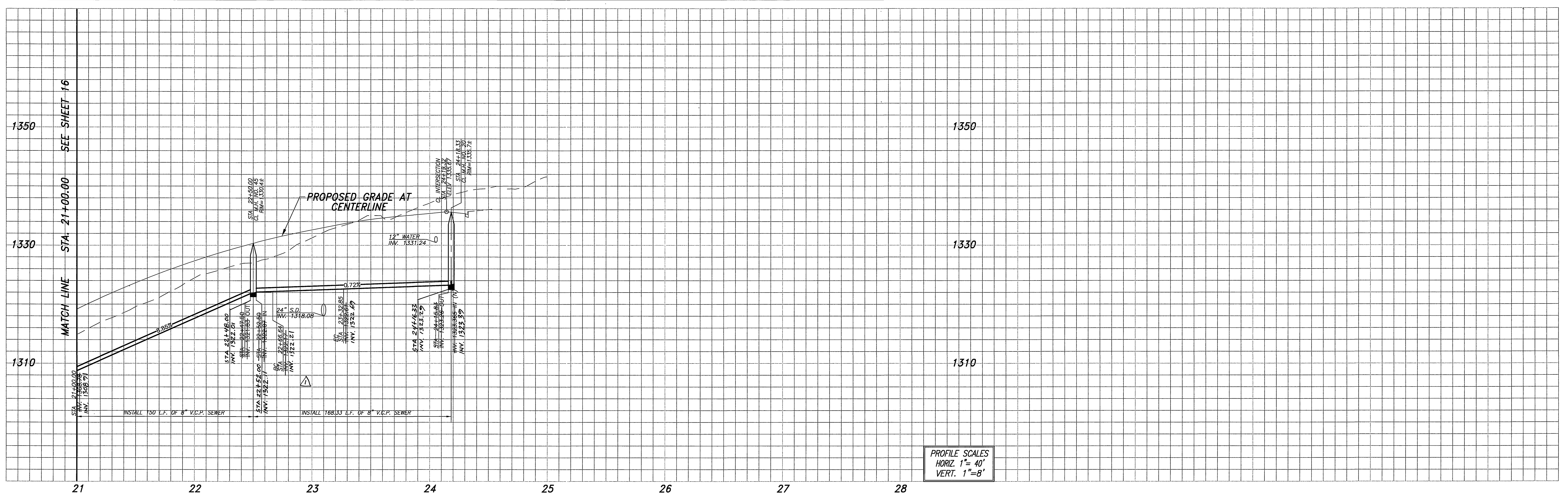
BENCHMARK: F7 - K3
CITY OF RIVERSIDE REFERENCE LL47/7.
PK NAIL AND CITY ENGINEER TAG IN THE
BASE OF A STREET LIGHT ALONG THE SOUTHERLY
CURB OF OVERLOOK PARKWAY 175 FEET EAST
OF CHATEAU RIDGE DRIVE, TRANSFER FROM
F7-CZ BY CITY SURVEY CREW 6/10/2002.
ELEVATION: 1426.960

DESIGNED BY: RICK DRAWN BY: BRYAN CHECKED BY: C-
REVISIONS: REVISED M.H.'S TO 4' DIAMETER 11-8-05
APPR. DATE

CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT
APPROVED BY: *[Signature]* DATE: 10/26/05
PRINCIPAL ENGINEER
PARK DEPARTMENT
TRAFFIC DIVISION
PLANNING DEPARTMENT
STREET SERVICES

SEWER IMPROVEMENT PLAN
TRACT 29515
ALPINE MEADOWS LANE
A.P.N. 243-200-007, 243-220-001, 011, 015, 017
243-230-001, 002, 021, 022, 024
HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 8'

PW04-0648
ACCOUNT NO.
S-1884
SHEET 16 OF 24
J.N. 6500

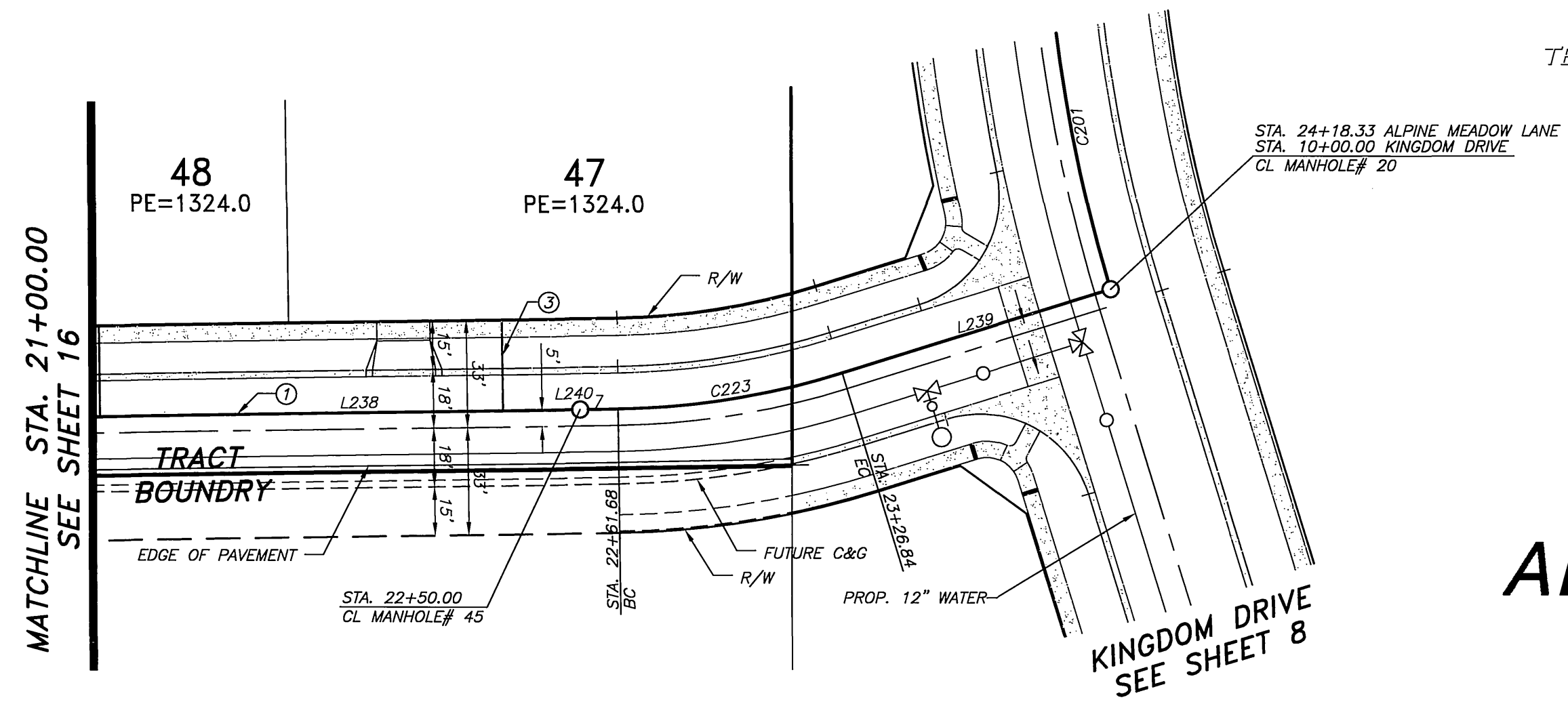


PROFILE SCALES
 HORIZ. 1" = 40'
 VERT. 1" = 8'

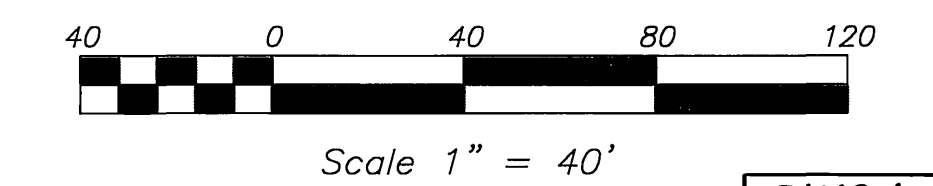
| LINE | LENGTH | BEARING |
|------|--------|-------------|
| L238 | 299.59 | N89°05'03"E |
| L239 | 86.45 | N72°43'04"E |
| L240 | 11.68 | N89°05'03"E |
| L241 | 18.91 | N72°43'04"E |

| CURVE | DELTA | RADIUS | LENGTH | TANGENT |
|-------|-----------|--------|--------|---------|
| C223 | 16°21'59" | 245.00 | 69.98 | 35.23 |
| C225 | 14°25'48" | 405.00 | 102.00 | 51.27 |

TENTATIVE TRACT 32787



ALPINE MEADOWS LANE



Underground Service Alert
 Call: TOLL FREE
1-800-227-2600
 TWO WORKING DAYS BEFORE YOU DIG

CITY OF RIVERSIDE BUSINESS TAX ACCT.#058833 EXP.1/1/06
 PLANS PREPARED BY:
adkan ENGINEERS
 Civil Engineering - Surveying - Planning
 6820 Airport Drive, Riverside, CA 92504
 Tel:(951) 685-9241 Fax:(951) 685-0599
 Under the Supervision of: *[Signature]* 10/21/05
 Charissa-Levine, R.C.E. 53390 Exp. 06.30.07 Date: "

BENCHMARK: F7-K3
 CITY OF RIVERSIDE REFERENCE LL47/7.
 PK NAIL AND CITY ENGINEER TAG IN THE
 BASE OF A STREET LIGHT ALONG THE SOUTHERLY
 CURB OF OVERLOOK PARKWAY 175 FEET EAST
 OF CHATEAU RIDGE DRIVE, TRANSFER FROM
 F7-C2 BY CITY SURVEY CREW 6/10/2002.
 ELEVATION: 1426.960

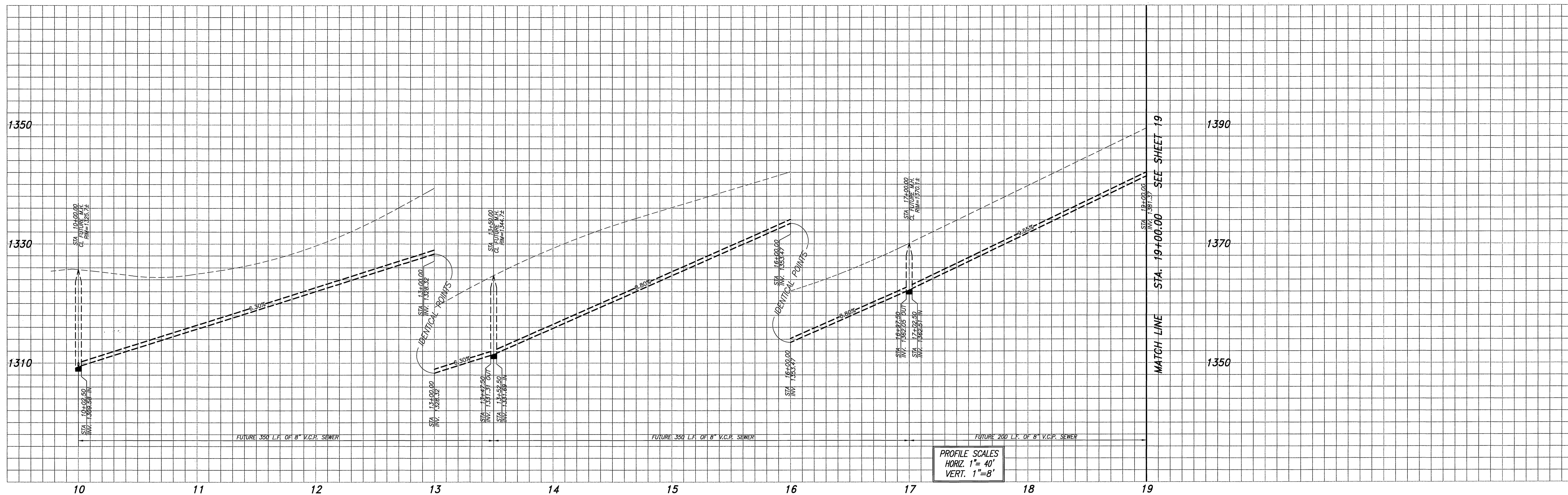
| | | | | | |
|---------------------|--------------------|-----------|----------|---------------|--------------------|
| DESIGNED BY: | RICK | DRAWN BY: | BRYAN | CHECKED BY: | C- |
| APPROVED BY: | <i>[Signature]</i> | DATE: | 10/25/05 | APPROVED BY: | <i>[Signature]</i> |
| PRINCIPAL ENGINEER | | DATE | | CITY ENGINEER | |
| PARK DEPARTMENT | | | | | |
| TRAFFIC DIVISION | | | | | |
| PLANNING DEPARTMENT | | | | | |
| STREET SERVICES | | | | | |

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT
 APPROVED BY: *[Signature]* DATE: 10/25/05
 APPROVED BY: *[Signature]* DATE: 10/25/05
 CITY ENGINEER

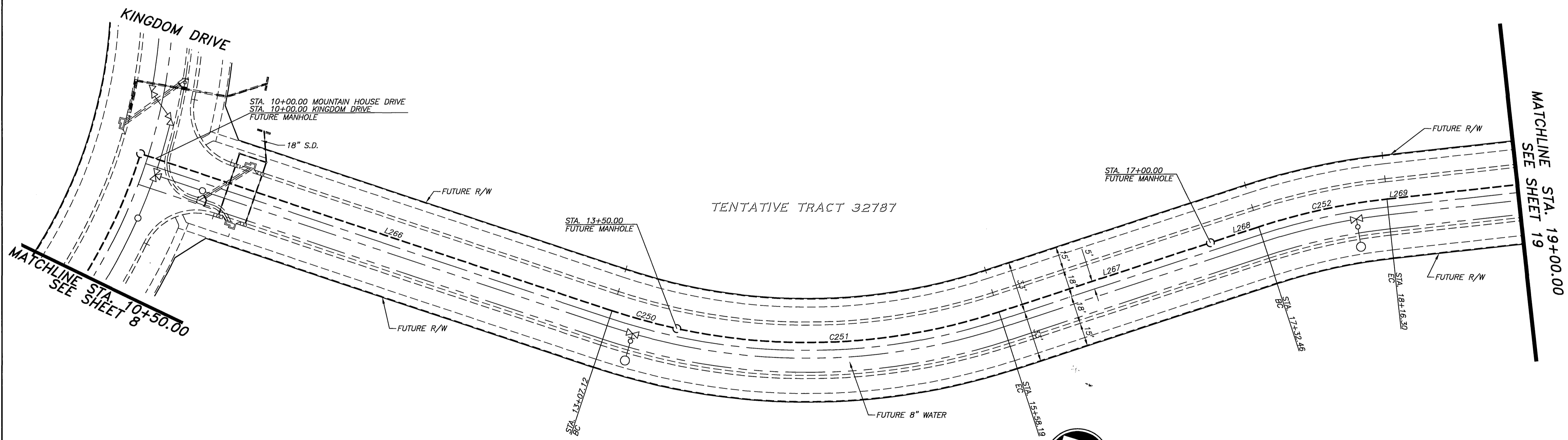
SEWER IMPROVEMENT PLAN
TRACT 29515
 ALPINE MEADOWS DRIVE
 A.P.N. 243-200-007, 243-220-001, 011, 015, 017
 243-230-001, 002, 021, 022, 024
 HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 8'

PW04-0648
 ACCOUNT NO.
S-1884
 SHEET **17** OF **24**
 J.N. 6500

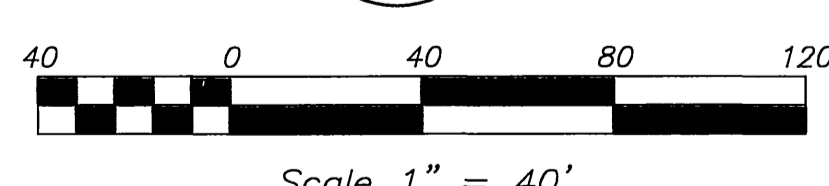
INDEXED 11-17-05 *[Signature]*



PROFILE SCALES
 HORIZ. 1" = 40'
 VERT. 1" = 8'



FUTURE MOUNTAIN HOUSE DRIVE



NOTE:
 PROPOSED SEWER ON MOUNTAIN HOUSE DRIVE AND LONE PEAK COURT WILL REMAIN DRY UNTIL SUCH TIME THAT THE SEWER IN TRACT 32787 IS CONSTRUCTED. LOTS 10-12, 20-28, 31, AND 32 WILL BE ON TEMP. SEPTIC SYSTEM UNTIL SEWER IS AVAILABLE.

| LINE TABLE | | |
|------------|--------|-------------|
| LINE | LENGTH | BEARING |
| L266 | 307.12 | N89°09'47"E |
| L267 | 141.81 | N52°44'39"E |
| L268 | 32.46 | N52°44'39"E |
| L269 | 233.70 | N64°36'20"E |

| CURVE TABLE | | | | |
|-------------|-----------|--------|--------|---------|
| CURVE | DELTA | RADIUS | LENGTH | TANGENT |
| C250 | 6°13'14" | 395.00 | 42.88 | 21.46 |
| C251 | 30°11'55" | 395.00 | 208.19 | 106.57 |
| C252 | 11°51'41" | 405.00 | 83.64 | 42.07 |

THIS SHEET IS FOR REFERENCE ONLY.



Underground Service Alert
 Call: TOLL FREE
1-800-227-2600
 TWO WORKING DAYS BEFORE YOU DIG

PLANS PREPARED BY:
adkan ENGINEERS
 Civil Engineering · Surveying · Planning
 6820 Airport Drive, Riverside, CA 92504
 Tel: (951) 688-8241; Fax: (951) 688-0599
 Under the Supervision of: [Signature] 10/21/05
 Charles Leung, P.C.E. 53390 Exp. 06/30/07 Date:

BENCHMARK: F7 - K3
 CITY OF RIVERSIDE REFERENCE LL47/7.
 PK NAIL AND CITY ENGINEER TAG IN THE BASE OF A STREET LIGHT ALONG THE SOUTHERLY CURVE OF OVERLOOK PARKWAY 175 FEET EAST OF CHATEAU RIDGE DRIVE, TRANSFER FROM F7-C2 BY CITY SURVEY CREW 6/10/2002.
 ELEVATION: 1426.960

| MARK | REVISIONS | APPR. | DATE |
|------|-----------|-------|------|
| | | | |

DESIGNED BY: RICK DRAWN BY: BRYAN CHECKED BY: C-

CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT

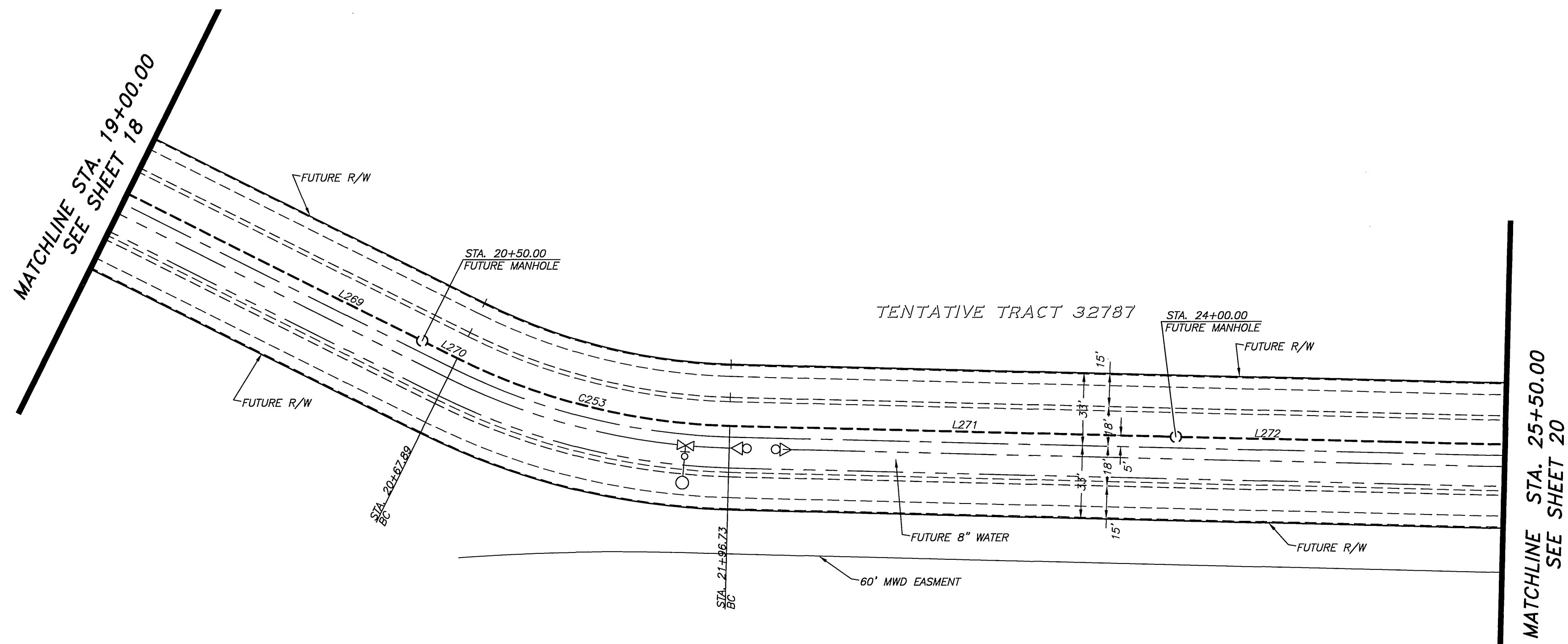
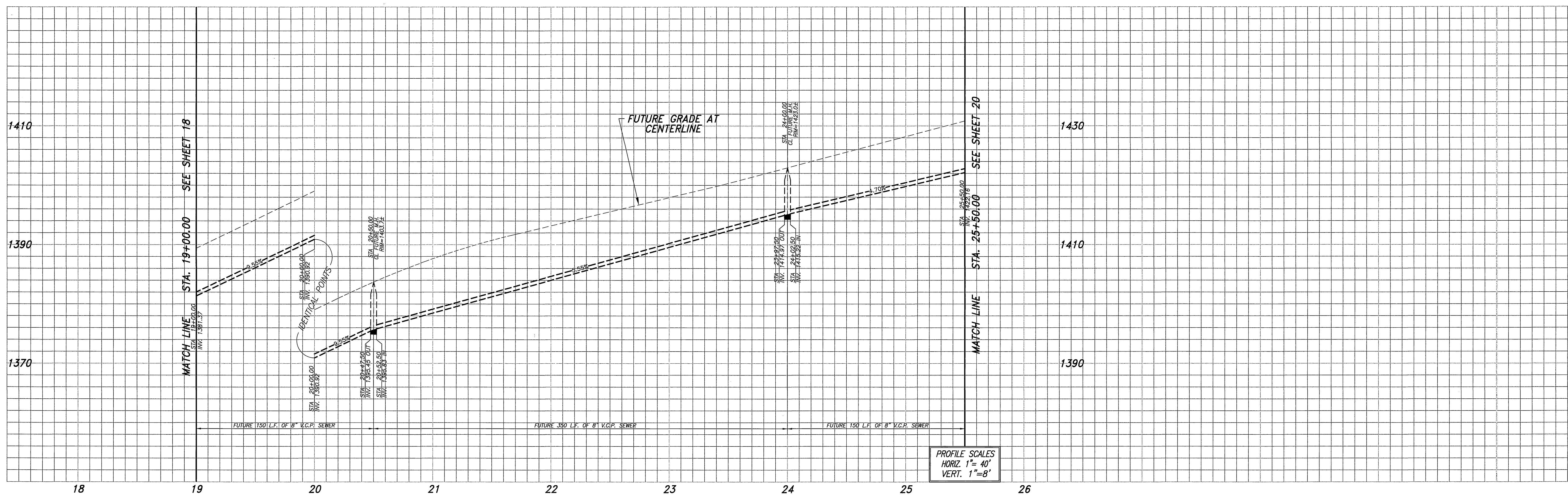
| | | | |
|---------------------|------|----|-------------|
| APPROVED BY | DATE | BY | APPROVED BY |
| PRINCIPAL ENGINEER | | | |
| PARK DEPARTMENT | | | |
| TRAFFIC DIVISION | | | |
| PLANNING DEPARTMENT | | | |
| STREET SERVICES | | | |

DATE: 10/25/05

SEWER IMPROVEMENT PLAN TRACT 29515
MOUNTAIN HOUSE DRIVE
 A.P.N. 243-200-007, 243-220-001, 011, 015, 017
 243-230-001, 002, 021, 022, 024
 HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 8'

PW04-0648
 ACCOUNT NO.
S-1884
 SHEET 18 OF 24
 J.N. 6500

INDEXED 11-17-05 LHM



FUTURE MOUNTAIN HOUSE DRIVE

THIS SHEET IS FOR REFERENCE ONLY.

NOTE:

PROPOSED SEWER ON MOUNTAIN HOUSE DRIVE AND LONE PEAK COURT WILL REMAIN DRY UNTIL SUCH TIME THAT THE SEWER IN TRACT 32787 IS CONSTRUCTED. LOTS 10-12, 20-23, 31, AND 32 WILL BE ON TEMP. SEPTIC SYSTEM UNTIL SEWER IS AVAILABLE.



Underground Service Alert
 Call: TOLL FREE
1-800-227-2600
 TWO WORKING DAYS BEFORE YOU DIG

CITY OF RIVERSIDE BUSINESS TAX ACCT.#058833 EXP.1/1/06

PLANS PREPARED BY:
adkan ENGINEERS
 Civil Engineering - Surveying - Planning
 6820 Airport Drive, Riverside, CA 92504
 Tel:(951) 688-7021 Fax:(951) 688-0599
 Under the Supervision of:
 Charles A. J. Lopez, R.C.E. 53380 Exp. 06.30.07 Date:

BENCHMARK: F7 - K3
 CITY OF RIVERSIDE REFERENCE LL47/7.
 PK NAIL AND CITY ENGINEER TAG IN THE
 BASE OF A STREET LIGHT ALONG THE SOUTHERLY
 CURB OF OVERLOOK PARKWAY 178 FEET EAST
 OF CHATEAU RIDGE DRIVE, TRANSFER FROM
 F7-C2 BY CITY SURVEY CREW 6/10/2002.
 ELEVATION: 1426.960

| MARK | REVISIONS | APPR. | DATE |
|------|-----------|-------|------|
| | | | |

DESIGNED BY: RICK DRAWN BY: BRYAN CHECKED BY: C-

CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT

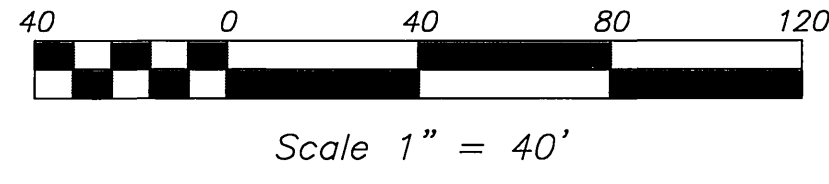
| | | | |
|---------------------|----------|----|---------------------|
| APPROVED BY | DATE | BY | APPROVED BY |
| PRINCIPAL ENGINEER | 10/25/05 | SL | Charles A. J. Lopez |
| PARK DEPARTMENT | | | CITY ENGINEER |
| TRAFFIC DIVISION | | | |
| PLANNING DEPARTMENT | | | |
| STREET SERVICES | | | |

DATE: 10/25/05

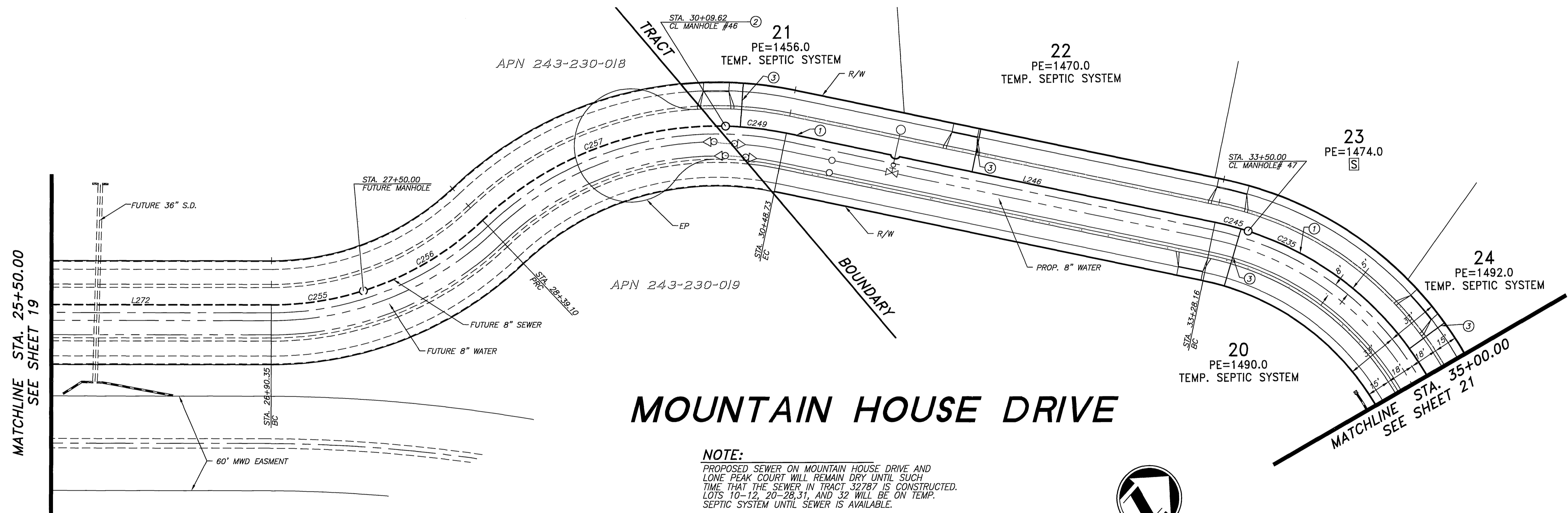
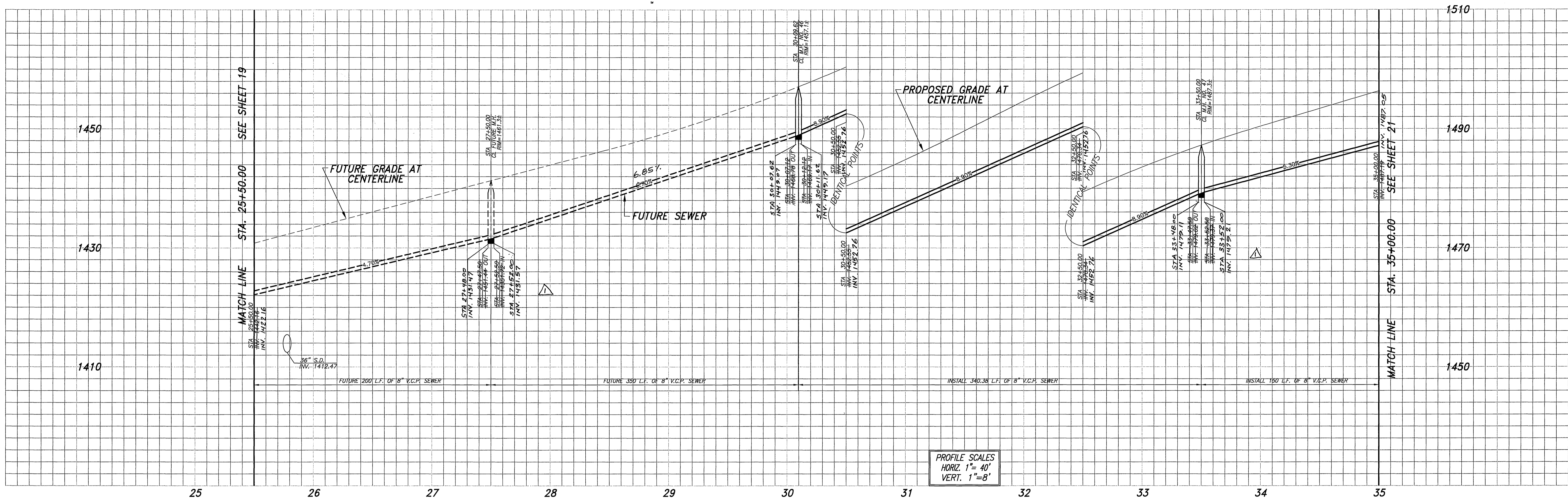
| | |
|---|--|
| PWO4-0648 | |
| ACCOUNT NO. | |
| S-1884 | |
| SHEET 19 OF 24 | |
| A.P.N. 243-200-007, 243-220-001, 011, 015, 017 243-230-001, 002, 021, 022, 024 | |
| HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 8' | |
| J.N. 6500 | |

| LINE TABLE | | |
|------------|--------|-------------|
| LINE | LENGTH | BEARING |
| L269 | 233.70 | N64°36'20"E |
| L270 | 17.89 | N64°36'20"E |
| L271 | 203.27 | N39°34'53"E |
| L272 | 290.35 | N39°34'53"E |

| CURVE TABLE | | | | |
|-------------|-----------|--------|--------|---------|
| CURVE | DELTA | RADIUS | LENGTH | TANGENT |
| C2-31 | 25°01'27" | 295.00 | 128.84 | 65.47 |

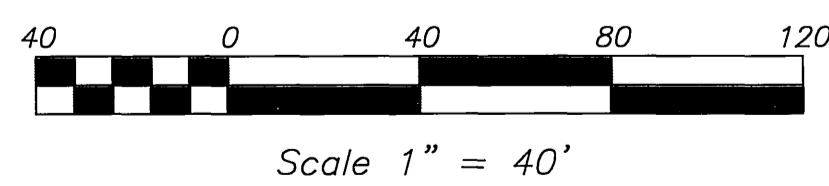


INDEXED 11-7-05 LHM



MOUNTAIN HOUSE DRIVE

NOTE:
 PROPOSED SEWER ON MOUNTAIN HOUSE DRIVE AND LONE PEAK COURT WILL REMAIN DRY UNTIL SUCH TIME THAT THE SEWER IN TRACT 32787 IS CONSTRUCTED. LOTS 10-12, 20-28, 31, AND 32 WILL BE ON TEMP. SEPTIC SYSTEM UNTIL SEWER IS AVAILABLE.



| LINE TABLE | | |
|------------|--------|-------------|
| LINE | LENGTH | BEARING |
| L246 | 279.43 | N51°13'22"E |
| L272 | 290.35 | N39°34'53"E |

| CURVE TABLE | | | | |
|-------------|-----------|--------|--------|---------|
| CURVE | DELTA | RADIUS | LENGTH | TANGENT |
| C235 | 72°23'42" | 205.00 | 259.02 | 150.02 |
| C245 | 6°06'19" | 205.00 | 21.84 | 10.93 |
| C249 | 10°19'36" | 217.00 | 39.11 | 19.61 |
| C255 | 17°31'39" | 195.00 | 59.65 | 30.06 |
| C256 | 26°10'48" | 195.00 | 89.10 | 45.34 |
| C257 | 45°01'21" | 217.00 | 170.52 | 89.93 |



Underground Service Alert
 Call: TOLL FREE
1-800-227-2600
 TWO WORKING DAYS BEFORE YOU DIG

CITY OF RIVERSIDE BUSINESS TAX ACCT.#058833 EXP.1/1/06
adkan ENGINEERS
 Civil Engineering · Surveying · Planning
 6820 Airport Drive, Riverside, CA 92504
 Tel:(951) 688-0224 Fax:(951) 688-0599
 Under the Supervision of: *[Signature]* 10/21/05
 Charissa Leach, R.C.E. 53380 Exp. 06/30/07 Date:

BENCHMARK: F7 - K3
 CITY OF RIVERSIDE REFERENCE LL47/7.
 PK NAIL AND CITY ENGINEER TAG IN THE
 COURSE OF OVERLOOK PARKWAY 175 FEET EAST
 OF CHATEAU RIDGE DRIVE, TRANSFER FROM
 F7-C2 BY CITY SURVEY CREW 6/10/2002.
ELEVATION: 1426.960

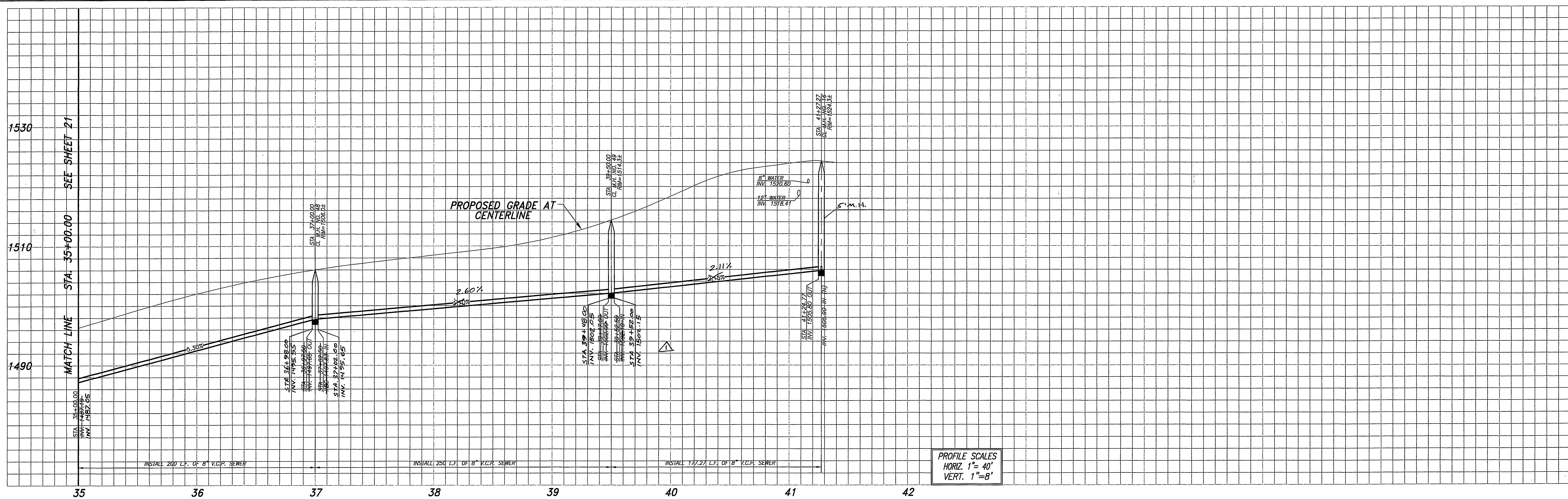
| | | |
|-------------------------------|-----------------|----------------|
| DESIGNED BY: RICK | DRAWN BY: BRYAN | CHECKED BY: C- |
| REVISIONS | APPR. | DATE |
| REVISED M.H.'S TO 4" DIAMETER | [Signature] | 11-8-05 |

CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT
 APPROVED BY: [Signature] DATE: 10/25/05
 PRINCIPAL ENGINEER
 PARK DEPARTMENT
 TRAFFIC DIVISION
 PLANNING DEPARTMENT
 STREET SERVICES

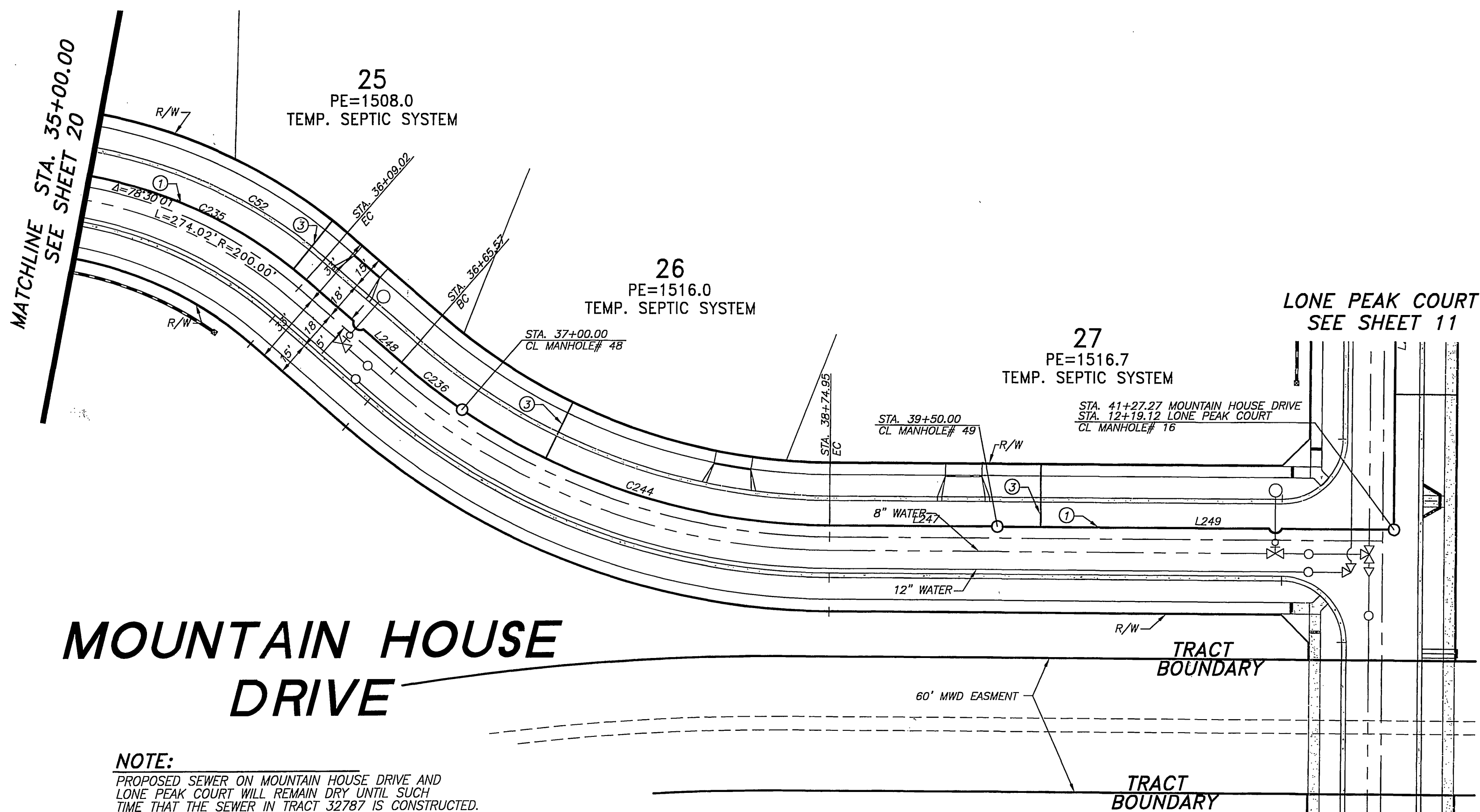
SEWER IMPROVEMENT PLAN
TRACT 29515
MOUNTAIN HOUSE DRIVE
 A.P.N. 243-200-007, 243-220-001, 011, 015, 017
 243-230-001, 002, 021, 022, 024
 HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 8'

PW04-0648
 ACCOUNT NO.
S-1884
 SHEET **20** OF **24**
 J.N. 6500

INDEXED 11-17-05 Lft

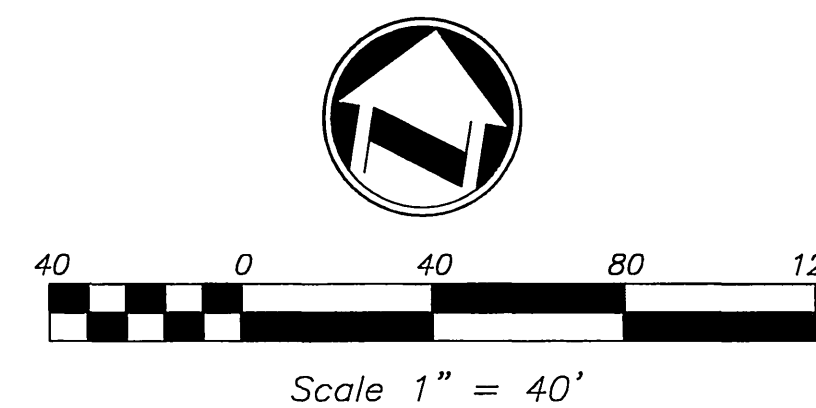


PROFILE SCALES
 HORIZ. 1" = 40'
 VERT. 1" = 8'



| LINE TABLE | | |
|------------|--------|-------------|
| LINE | LENGTH | BEARING |
| L247 | 75.05 | N89°03'20"E |
| L248 | 56.55 | N50°16'37"W |
| L249 | 177.27 | N89°03'20"E |

| CURVE TABLE | | | | |
|-------------|-----------|--------|--------|---------|
| CURVE | DELTA | RADIUS | LENGTH | TANGENT |
| C235 | 72°23'42" | 205.00 | 259.02 | 150.02 |
| C236 | 6°41'16" | 295.00 | 34.43 | 17.24 |
| C244 | 33°58'47" | 295.00 | 174.95 | 90.13 |



NOTE:
 PROPOSED SEWER ON MOUNTAIN HOUSE DRIVE AND LONE PEAK COURT WILL REMAIN DRY UNTIL SUCH TIME THAT THE SEWER IN TRACT 32787 IS CONSTRUCTED. LOTS 10-12, 20-28, 31, AND 32 WILL BE ON TEMP. SEPTIC SYSTEM UNTIL SEWER IS AVAILABLE.



Underground Service Alert
 Call: TOLL FREE
1-800-227-2600
 TWO WORKING DAYS BEFORE YOU DIG

CITY OF RIVERSIDE BUSINESS TAX ACCT.#058833 EXP.1/1/06
adkan ENGINEERS
 Civil Engineering - Surveying - Planning
 6820 Airport Drive, Riverside, CA 92504
 Tel:(951) 688-0241 Fax:(951) 688-0599
 Under the Supervision of: *Charissa Leach*, R.C.E. 53390 Exp. 06/30/07 Date: 11/21/05

BENCHMARK: F7 - K3
 CITY OF RIVERSIDE REFERENCE LL47/7.
 PK NAL AND CITY ENGINEER TAG IN THE BASE OF A STREET LIGHT ALONG THE SOUTHERLY CURB OF OVERLOOK PARKWAY 175 FEET EAST OF CHATEAU RIDGE DRIVE, TRANSFER FROM F7-C2 BY CITY SURVEY CREW 6/10/2002.
 ELEVATION: 1426.960

DESIGNED BY: RICK DRAWN BY: BRYAN CHECKED BY: C-
 MARK: **REVISED M.H.'S 4' DIAMETER 3/2 1/8 05**
 REVISIONS: APPR. DATE: PLANNING DEPARTMENT: STREET SERVICES:

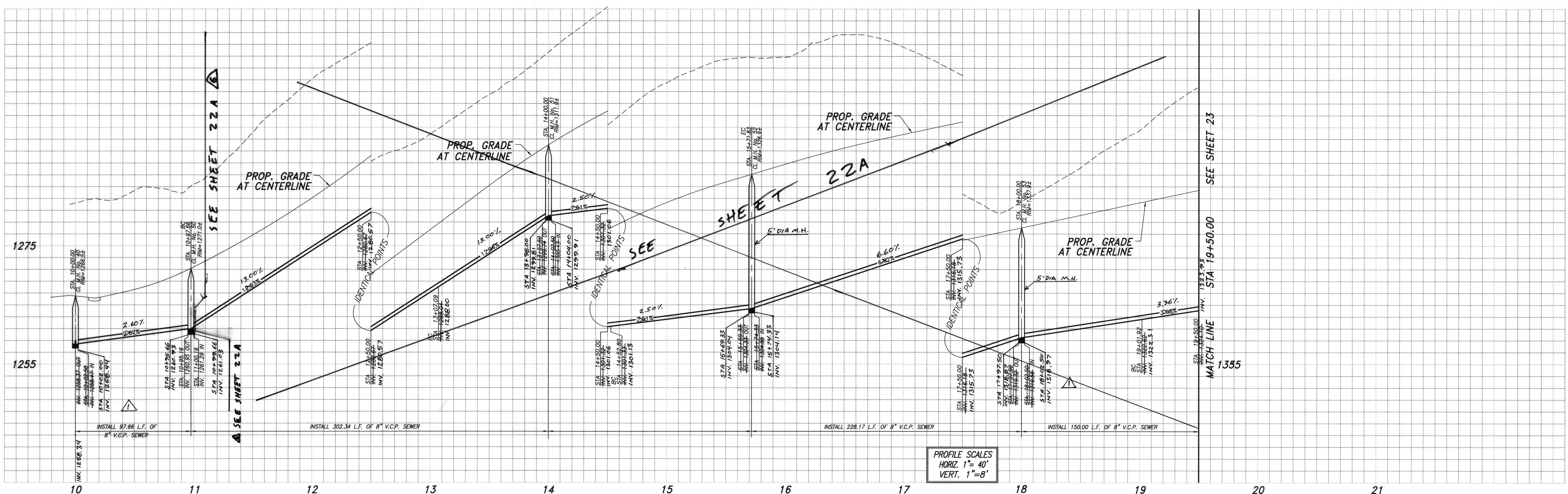
CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT
 APPROVED BY: [Signature] DATE: [Date] BY: [Signature] DATE: [Date]
 PRINCIPAL ENGINEER: PARK DEPARTMENT: TRAFFIC DIVISION: PLANNING DEPARTMENT: STREET SERVICES:

SEWER IMPROVEMENT PLAN
TRACT 29515
 MOUNTAIN HOUSE DRIVE
 A.P.N. 243-200-007, 243-220-001, 011, 015, 017
 243-230-001, 002, 021, 022, 024
 HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 8'

PW04-0648
 ACCOUNT NO.
S-1884
 SHEET **21** OF **24**
 J.N. 6500

INDEXED 11-17-05 Lft

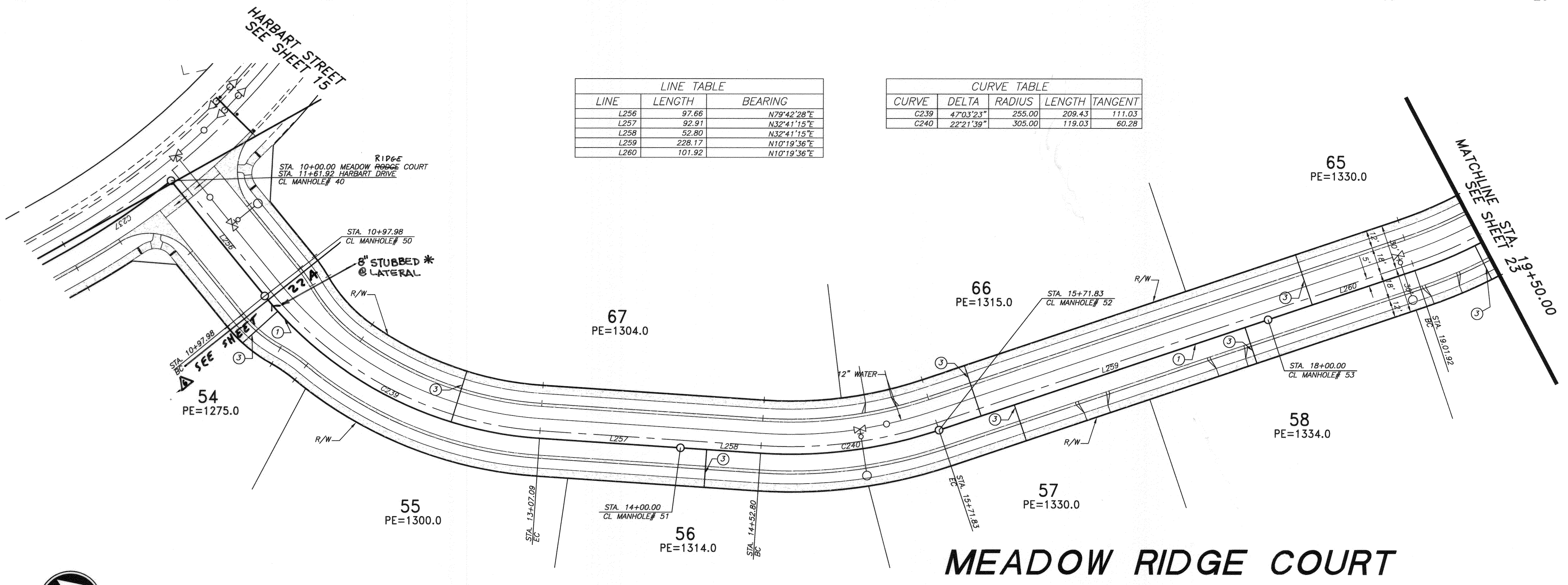
C:\Projects\AutoCAD\DWG\11-17-05\11-17-05-2.dwg Oct 17, 2005 - 2:54pm



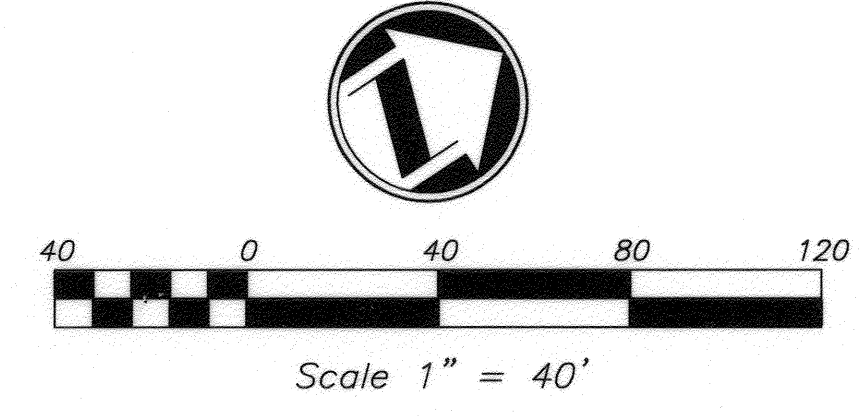
PROFILE SCALES
HORIZ. 1" = 40'
VERT. 1" = 8'

| LINE | LENGTH | BEARING |
|------|--------|-------------|
| L256 | 97.66 | N79°42'28"E |
| L257 | 92.91 | N32°41'15"E |
| L258 | 52.80 | N32°41'15"E |
| L259 | 228.17 | N10°19'36"E |
| L260 | 101.92 | N10°19'36"E |

| CURVE | DELTA | RADIUS | LENGTH | TANGENT |
|-------|-----------|--------|--------|---------|
| C239 | 47°03'23" | 255.00 | 209.43 | 111.03 |
| C240 | 22°21'39" | 305.00 | 119.03 | 60.28 |



MEADOW RIDGE COURT



Underground Service Alert
Call: TOLL FREE
1-800-227-2600
TWO WORKING DAYS BEFORE YOU DIG

CITY OF RIVERSIDE BUSINESS TAX ACCT.#058833 EXP.1/1/06
PLANS PREPARED BY:
adkan ENGINEERS
Civil Engineering - Surveying - Planning
6820 Airport Drive, Riverside, CA 92504
Tel:(951) 688-0924 Fax:(951) 688-0599
Under the Supervision of:
Charissa Leach, R.C.E. 53390 Exp. 06/30/07 Date: 10/21/05

BENCHMARK: F7 - K3
CITY OF RIVERSIDE REFERENCE LL47/7.
PK NAIL AND CITY ENGINEER TAG IN THE
BASE OF A STREET LIGHT ALONG THE SOUTHERLY
CURB OF OVERLOOK PARKWAY 175 FEET EAST
OF CHATEAU RIDGE DRIVE, TRANSFER FROM
F7-C2 BY CITY SURVEY CREW 8/10/2002.
ELEVATION: 1426.960

| MARK | REVISIONS | APPR. | DATE |
|------|-------------------------------|-------|----------|
| Δ | ADDED SHEETS 22A & 22B | R/LZ | 10-11-05 |
| Δ | REVISED M.H.'S TO 4" DIAMETER | R/LZ | 11-3-05 |

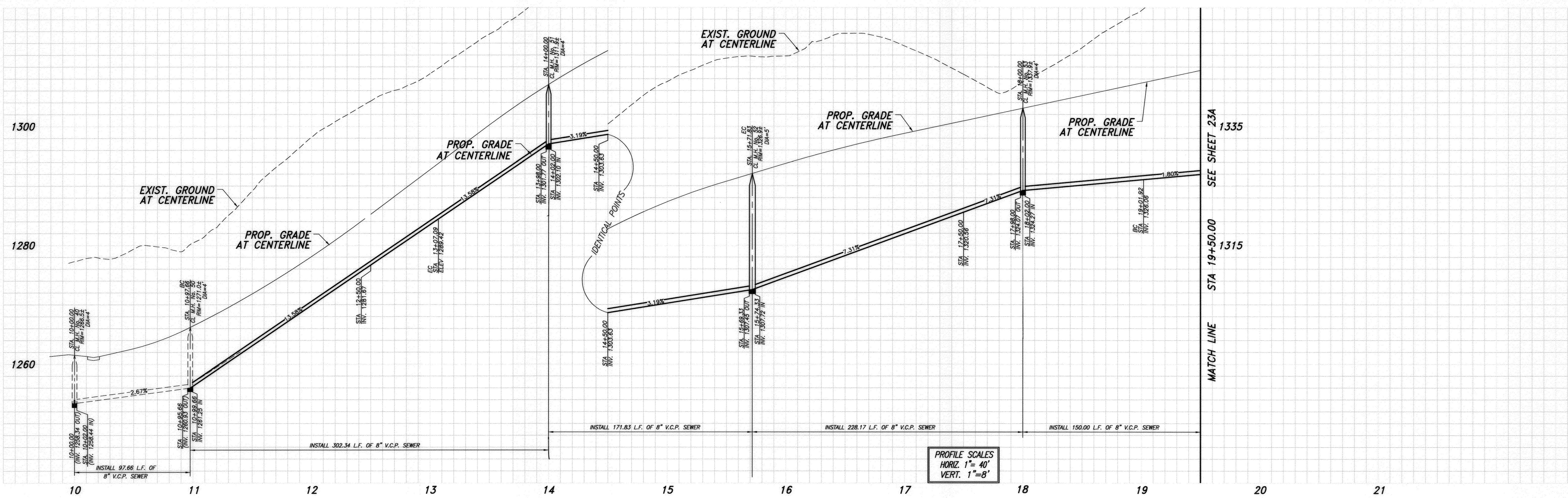
DESIGNED BY: RICK DRAWN BY: BRYAN CHECKED BY: C-

CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT
APPROVED BY: [Signature] DATE: 10/21/05
PRINCIPAL ENGINEER
PARK DEPARTMENT
TRAFFIC DIVISION
PLANNING DEPARTMENT
STREET SERVICES

SEWER IMPROVEMENT PLAN TRACT 29515
MEADOW RIDGE COURT
A.P.N. 243-200-007, 243-220-001, 011, 015, 017
243-230-001, 002, 021, 022, 024
HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 8'

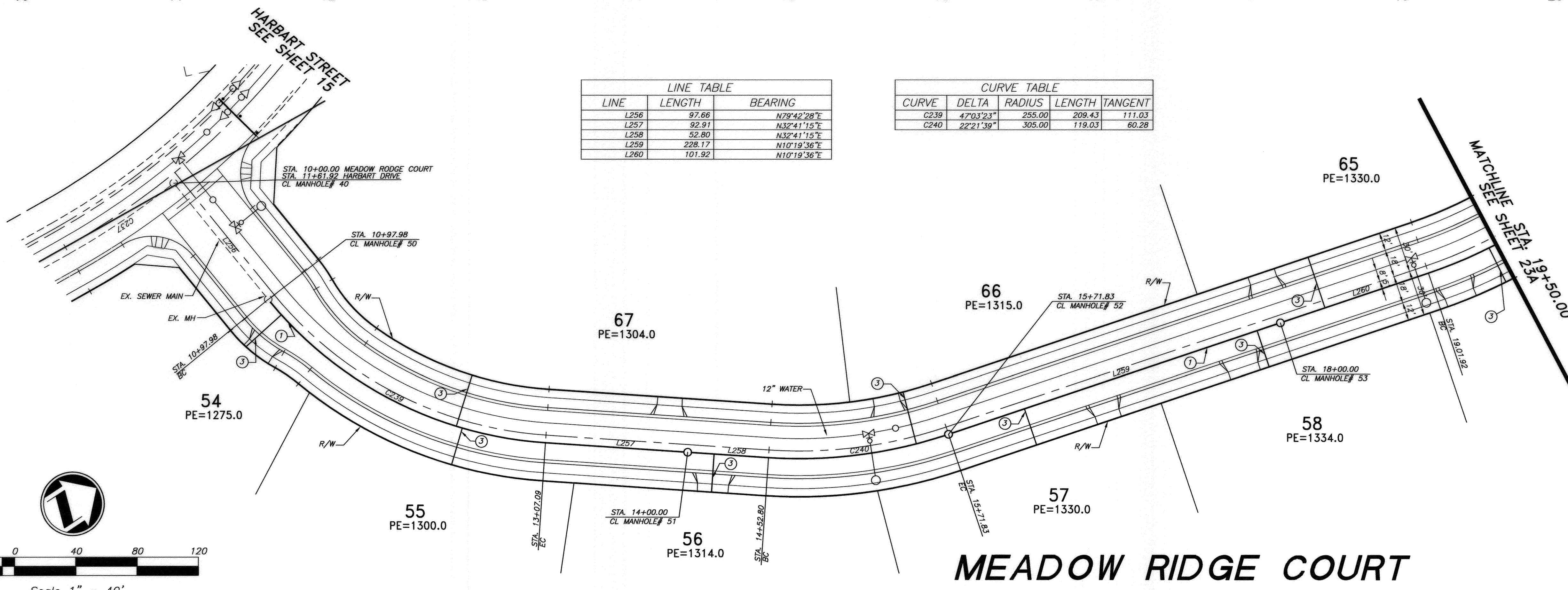
PW04-0648
ACCOUNT NO.
S-1884
SHEET 22 OF 24
J.N. 6500

INDEXED 11-17-05 Lft



| LINE | LENGTH | BEARING |
|------|--------|-------------|
| L256 | 97.66 | N79°42'28"E |
| L257 | 92.91 | N32°41'15"E |
| L258 | 52.80 | N32°41'15"E |
| L259 | 228.17 | N10°19'36"E |
| L260 | 101.92 | N10°19'36"E |

| CURVE | DELTA | RADIUS | LENGTH | TANGENT |
|-------|-----------|--------|--------|---------|
| C239 | 47°03'23" | 255.00 | 209.43 | 111.03 |
| C240 | 22°21'39" | 305.00 | 119.03 | 60.28 |



MEADOW RIDGE COURT

PUBLIC UTILITIES-WATER
 APPROVED: [Signature]
 DATE: 10/10/12



Underground Service Alert
 Call: TOLL FREE
1-800-227-2600
 TWO WORKING DAYS BEFORE YOU DIG

CITY OF RIVERSIDE BUSINESS TAX ACCT.#058833 EXP.1/1/13
 PLANS PREPARED BY:
adkan ENGINEERS
 Civil Engineering - Surveying - Planning
 6820 Airport Drive, Riverside, CA 92504
 Tel: (951) 696-0299 Fax: (951) 688-0599
 Under the supervision of: [Signature] 10/10/12
 Chandra Lopez, R.C.E. 53390 Exp. 06.30.13

BENCHMARK: F7 - K3
 CITY OF RIVERSIDE REFERENCE U47/7.
 PK NAIL AND CITY ENGINEER TAG IN THE
 BASE OF A STREET LIGHT ALONG THE SOUTHERLY
 CURB OF OVERLOOK PARKWAY 175 FEET EAST
 OF CHATEAU RIDGE DRIVE, TRANSFER FROM
 F7-C2 BY CITY SURVEY CREW 6/10/2002.
 ELEVATION: 1426.960

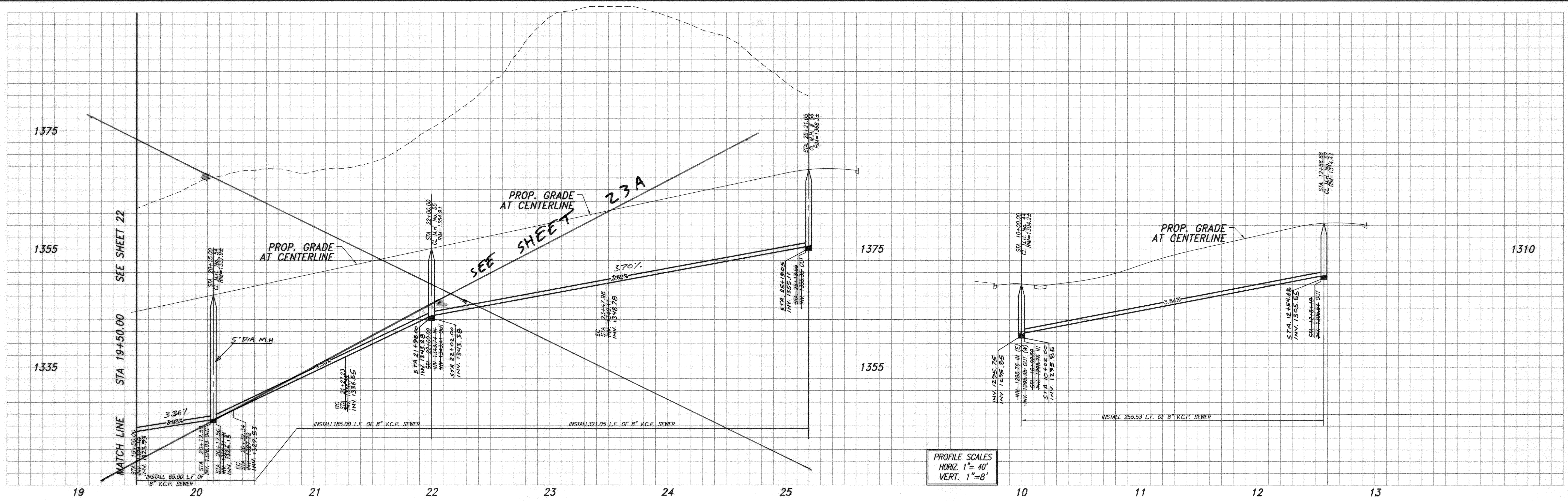
| MARK | REVISIONS | APPR. | DATE |
|------|-----------|-------|------|
| | | | |

DESIGNED BY: RICK DRAWN BY: BRYAN CHECKED BY: C-

CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT
 APPROVED BY: [Signature] DATE: 10/11/12
 ENGINEERING MANAGER
 CAPITAL PROJECTS
 PUBLIC WORKS DIRECTOR/CITY ENGINEER
 DATE: 10/10/12

SEWER IMPROVEMENT PLAN
TRACT 29515
 MEADOW RIDGE COURT
 A.P.N. 243-200-007, 243-220-001, 011, 015, 017
 243-230-001, 002, 021, 022, 024
 HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 8'

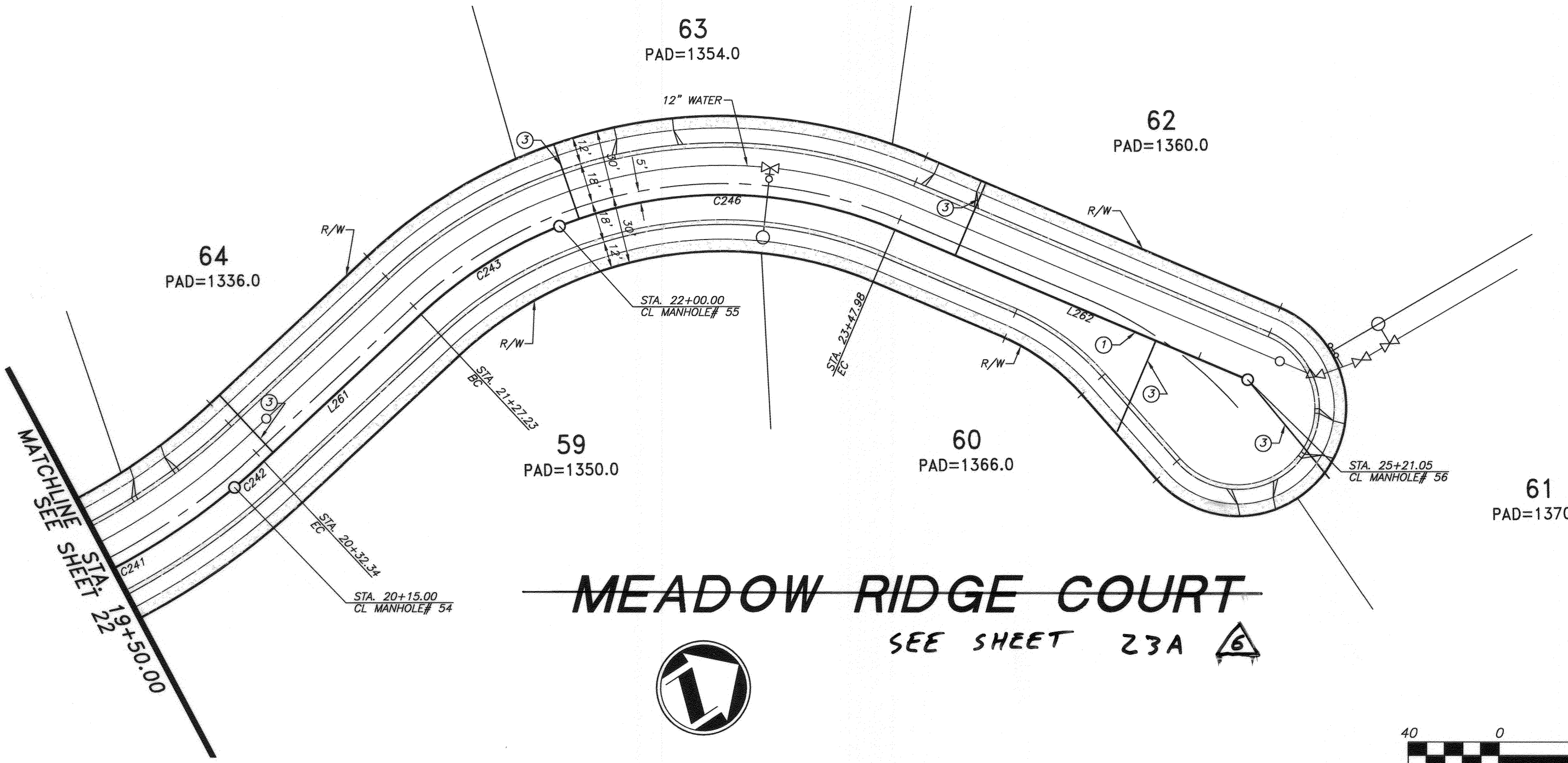
ACCOUNT NO.
S-1884
 SHEET **22A** OF **25**
 J.N. 6500



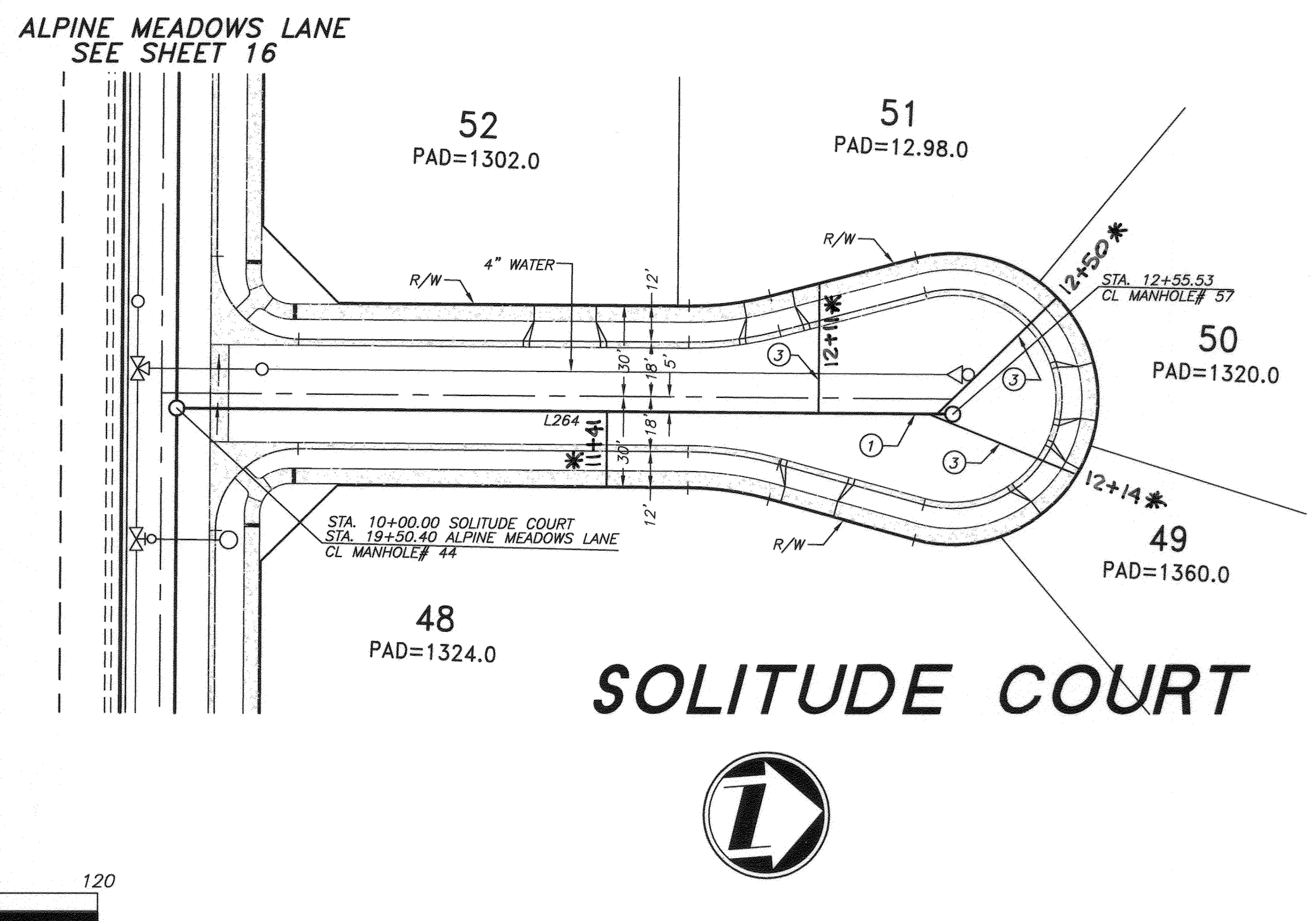
PROFILE SCALES
HORIZ. 1" = 40'
VERT. 1" = 8'

| LINE TABLE | | |
|------------|--------|-------------|
| LINE | LENGTH | BEARING |
| L261 | 94.89 | N14°10'24"W |
| L262 | 169.07 | N51°51'44"E |
| L264 | 255.53 | N89°08'06"E |

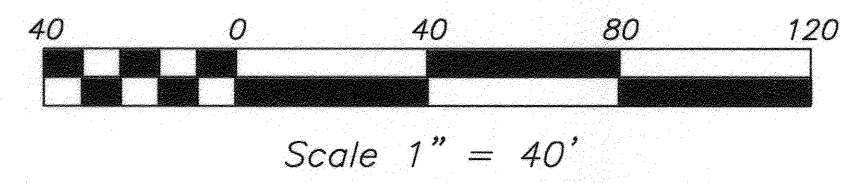
| CURVE TABLE | | | | |
|-------------|-----------|--------|--------|---------|
| CURVE | DELTA | RADIUS | LENGTH | TANGENT |
| C241 | 21°14'35" | 305.00 | 113.08 | 57.20 |
| C242 | 3°15'25" | 305.00 | 17.34 | 8.67 |
| C243 | 21°23'01" | 195.00 | 72.77 | 36.82 |
| C246 | 44°39'06" | 195.00 | 151.97 | 80.08 |



MEADOW RIDGE COURT
SEE SHEET 23A



SOLITUDE COURT



Underground Service Alert
Call: TOLL FREE
1-800-227-2600
TWO WORKING DAYS BEFORE YOU DIG

adkan ENGINEERS
Civil Engineering • Surveying • Planning
6520 Airport Drive, Riverside, CA 92504
Tel: (951) 588-1241, Fax: (951) 588-0389

BENCHMARK: F7 - K3
CITY OF RIVERSIDE REFERENCE LL47/7.
PK-NAIL AND CITY ENGINEER TAG IN THE
BASE OF A STREET LIGHT ALONG THE SOUTHERLY
CURB OF OVERLOOK PARKWAY 175 FEET EAST
OF CHATEAU RIDGE DRIVE. TRANSFER FROM
F7-C2 BY CITY SURVEY CREW 6/10/2002
ELEVATION: 1426.960

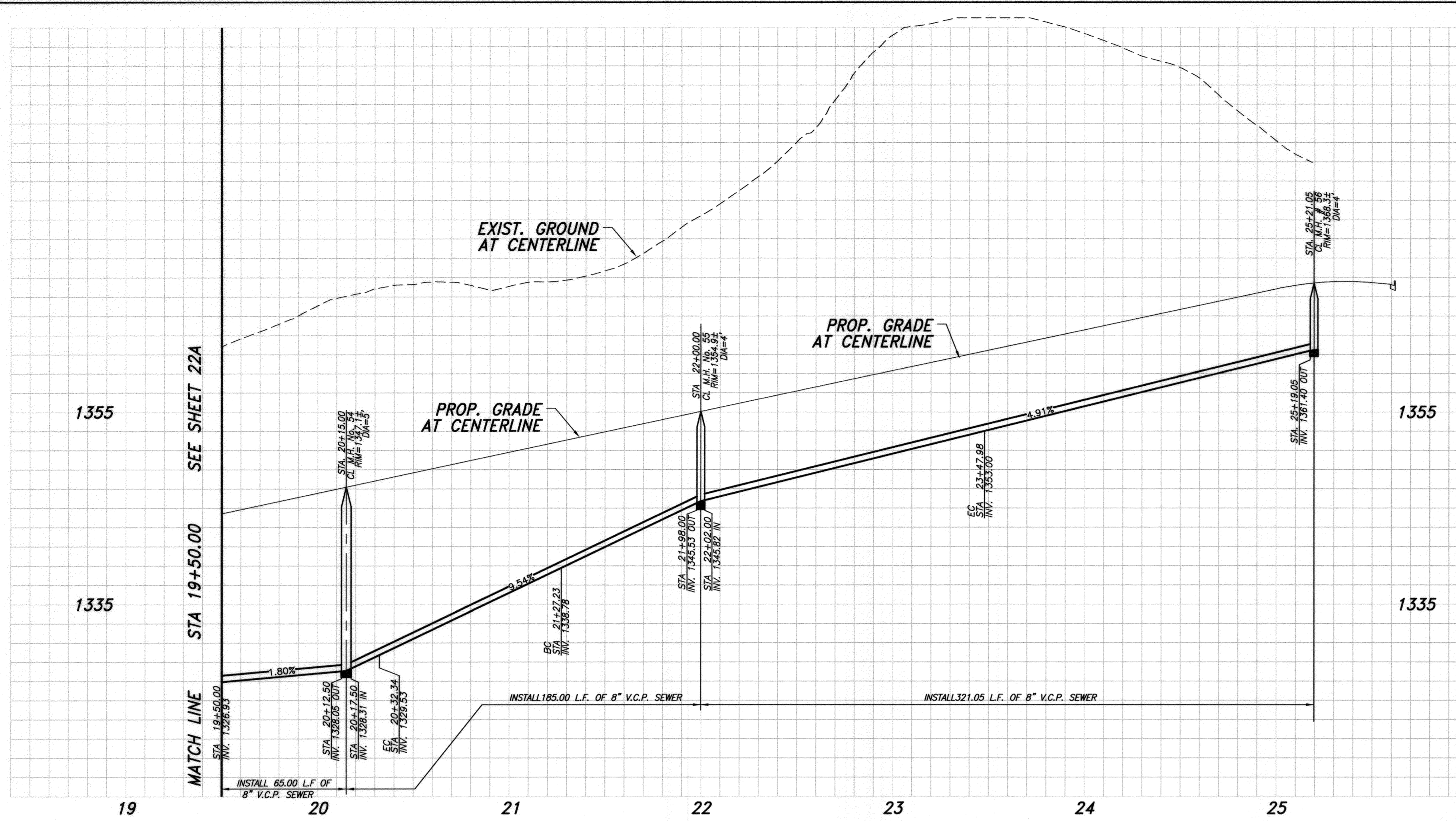
DESIGNED BY: RICK DRAWN BY: BRYAN CHECKED BY: C-
CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT

CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT
APPROVED BY: _____ DATE: _____ BY: _____
PRINCIPAL ENGINEER
PARK DEPARTMENT
TRAFFIC DIVISION
PLANNING DEPARTMENT
STREET SERVICES

SEWER IMPROVEMENT PLAN
TRACT 29515
MEADOW RIDGE COURT & SOLITUDE COURT
A.P.N. 243-200-007, 243-220-001, 011, 015, 017
243-230-001, 002, 021, 022, 024

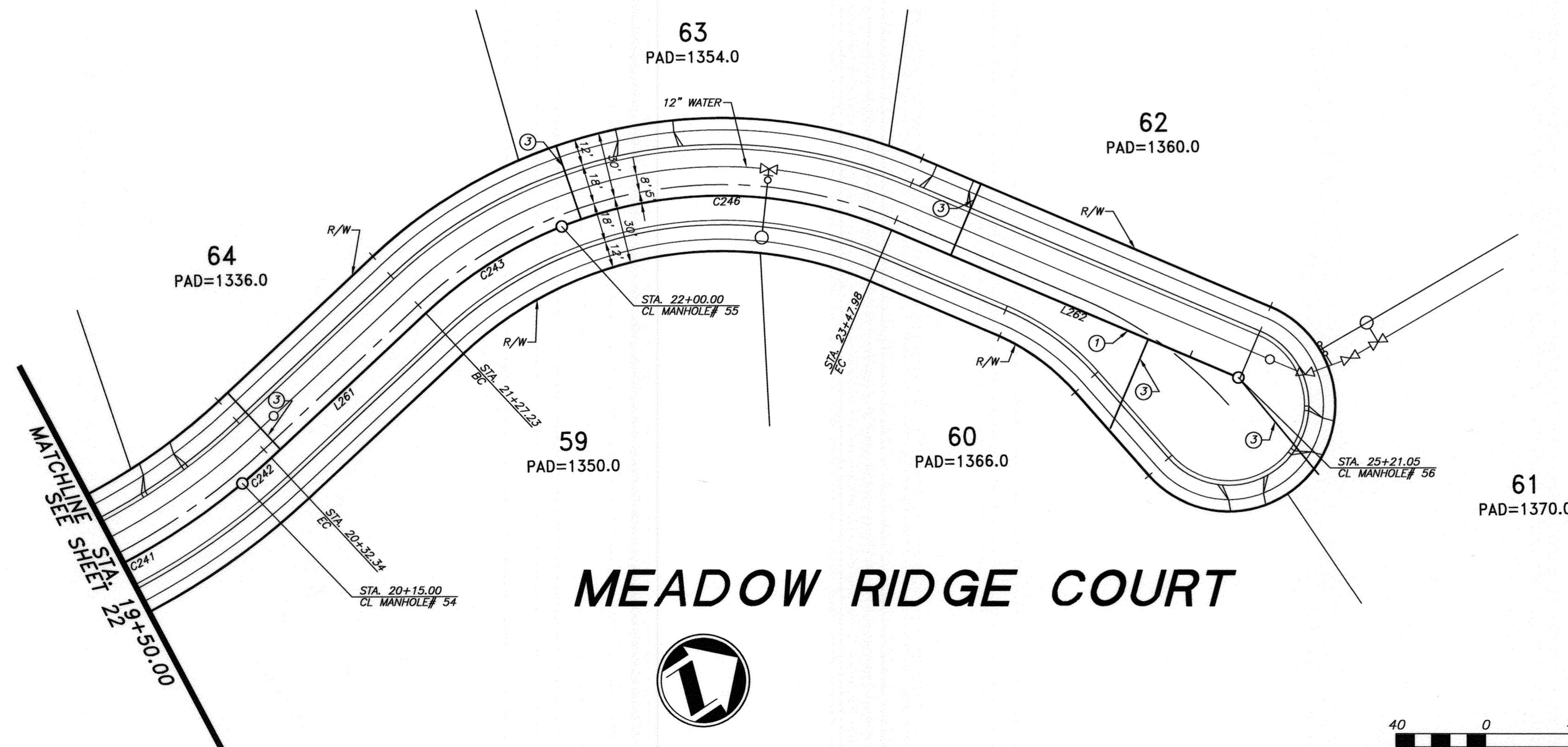
PW04-0648
ACCOUNT NO.
S-1884
SHEET **23** OF **24**
J.N. 6500

INDEXED 11-17-05 Lft

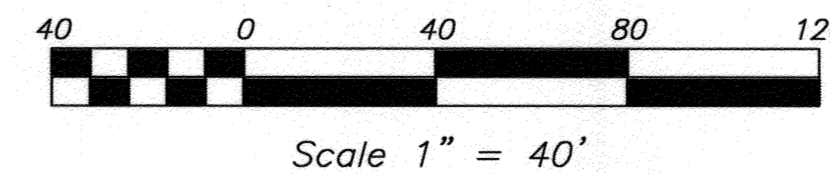


| LINE TABLE | | |
|------------|--------|-------------|
| LINE | LENGTH | BEARING |
| L261 | 94.89 | N14°10'24"W |
| L262 | 169.07 | N51°51'44"E |

| CURVE TABLE | | | | |
|-------------|-----------|--------|--------|---------|
| CURVE | DELTA | RADIUS | LENGTH | TANGENT |
| C241 | 21°14'35" | 305.00 | 113.08 | 57.20 |
| C242 | 3°15'25" | 305.00 | 17.34 | 8.67 |
| C243 | 21°23'01" | 195.00 | 72.77 | 36.82 |
| C246 | 44°39'06" | 195.00 | 151.97 | 80.08 |



MEADOW RIDGE COURT



PUBLIC UTILITIES-WATER

APPROVED: *[Signature]* DATE: *[Signature]*



Underground Service Alert
Call: TOLL FREE
1-800-227-2600
TWO WORKING DAYS BEFORE YOU DIG

CITY OF RIVERSIDE BUSINESS TAX ACCT.#058833 EXP.1/1/13
PLANS PREPARED BY:
adkan ENGINEERS
Civil Engineering · Surveying · Planning
6820 Airport Drive, Riverside, CA 92504
Tel:(951) 686-0941 Fax:(951) 686-0599
Under the Supervision of: *[Signature]*
Chartered License, R.C.E. 53380 Exp. 06/30/13 Date: *[Signature]*

BENCHMARK: F7 - K3
CITY OF RIVERSIDE REFERENCE LL47/7.
PK NAIL AND CITY ENGINEER TAG IN THE
BASE OF A STREET LIGHT ALONG THE SOUTHERLY
CURB OF OVERLOOK PARKWAY 175 FEET EAST
OF CHATEAU RIDGE DRIVE, TRANSFER FROM
F7-C2 BY CITY SURVEY CREW 6/10/2002.
ELEVATION: 1426.960

| MARK | REVISIONS | APPR. | DATE |
|------|-----------|-------|------|
| | | | |

DESIGNED BY: RICK DRAWN BY: BRYAN CHECKED BY: C-

**CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT**

| | | | |
|---------------------|----------|-------------|-------------|
| APPROVED BY | DATE | BY | APPROVED BY |
| ENGINEERING MANAGER | 12/10/12 | [Signature] | [Signature] |
| CAPITAL PROJECTS | | | |

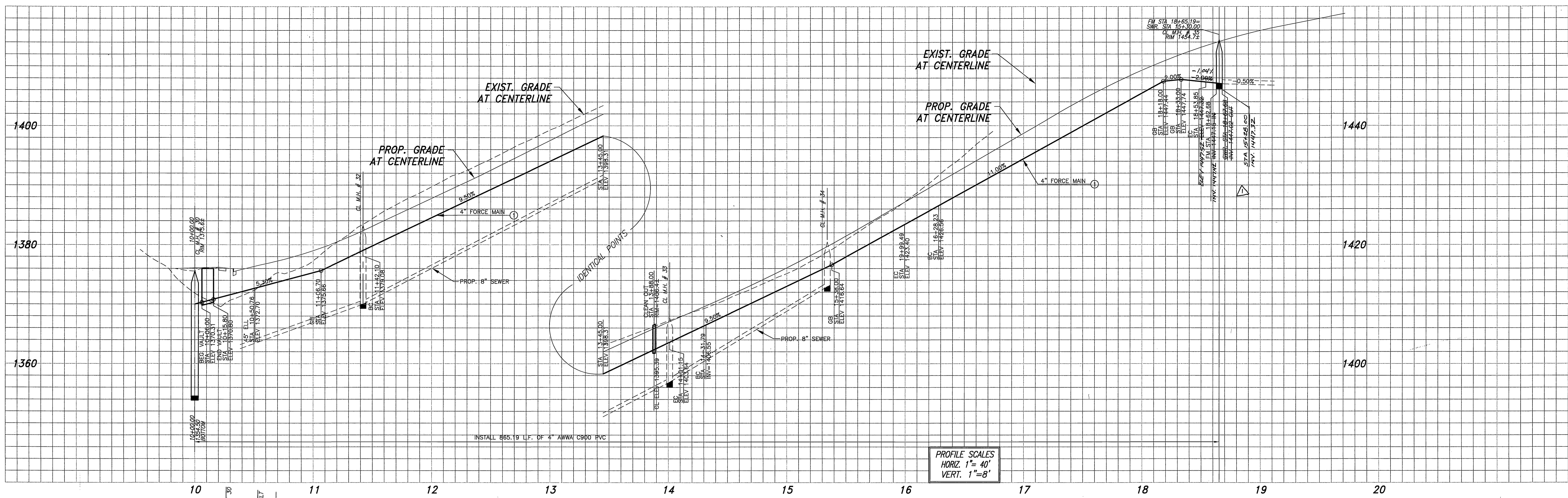
PUBLIC WORKS DIRECTOR/CITY ENGINEER
DATE: 12/10/12

**SEWER IMPROVEMENT PLAN
TRACT 29515
MEADOW RIDGE COURT**

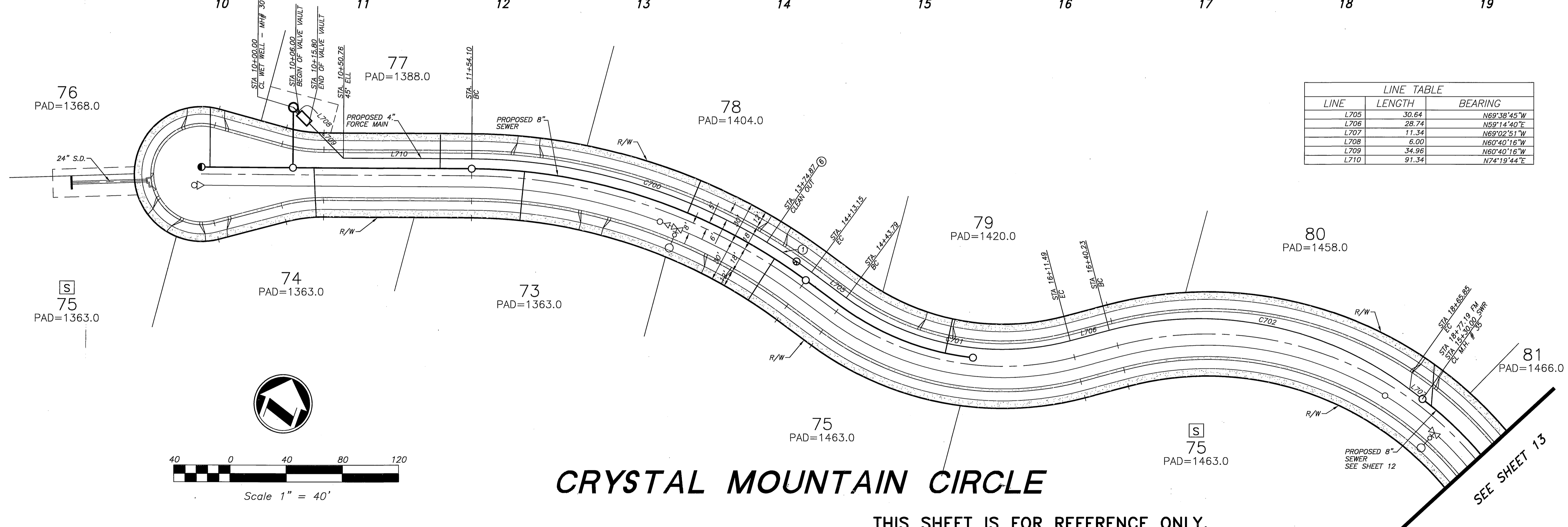
A.P.N. 243-200-007, 243-220-001, 011, 015, 017
243-230-001, 002, 021, 022, 024

HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 8'

ACCOUNT NO.
S-1884
SHEET **23A** OF **25**
J.N. 6500



PROFILE SCALES
 HORIZ. 1"=40'
 VERT. 1"=8'



| LINE TABLE | | |
|------------|--------|-------------|
| LINE | LENGTH | BEARING |
| L705 | 30.64 | N69°38'45"W |
| L706 | 28.74 | N59°14'40"E |
| L707 | 11.34 | N69°02'51"W |
| L708 | 6.00 | N60°40'16"W |
| L709 | 34.98 | N60°40'16"W |
| L710 | 91.34 | N74°19'44"E |

| CURVE TABLE | | | | |
|-------------|-----------|--------|--------|---------|
| CURVE | DELTA | RADIUS | LENGTH | TANGENT |
| C700 | 36°01'31" | 412.00 | 259.05 | 133.97 |
| C701 | 51°06'35" | 188.00 | 167.70 | 89.89 |
| C702 | 51°42'28" | 250.00 | 225.62 | 121.15 |

CRYSTAL MOUNTAIN CIRCLE

THIS SHEET IS FOR REFERENCE ONLY.
 SEE SEWER IMPROVEMENT - 4" FORCE MAIN DRAWING



Underground Service Alert
 Call: TOLL FREE
 1-800-227-2600
 TWO WORKING DAYS BEFORE YOU DIG

CITY OF RIVERSIDE BUSINESS TAX ACCT.#058833 EXP.1/1/06
adkan ENGINEERS
 Civil Engineering · Surveying · Planning
 6820 Airport Drive, Riverside, CA 92504
 Tel:(951) 688-0241 · Fax:(951) 688-0599
 Under the Supervision of: *[Signature]* 10/21/05
 Charles Leach, P.E. No. 53390 Exp. 06/30/07 Date:

BENCHMARK: F7 - K3
 CITY OF RIVERSIDE REFERENCE LL477.
 PK NAIL AND CITY ENGINEER TAG IN THE BASE OF A STREET LIGHT ALONG THE SOUTHERLY CURB OF OVERLOOK PARKWAY 175 FEET EAST OF CHATEAU RIDGE DRIVE, TRANSFER FROM F7-C2 BY CITY SURVEY CREW 6/10/2002.
 ELEVATION: 1426.960

DESIGNED BY: RICK DRAWN BY: BRYAN CHECKED BY: C-
 REVISIONS: REVISED M.H.'S TO 4" DIAMETER 11-8-05
 MARK REVISIONS APPR. DATE

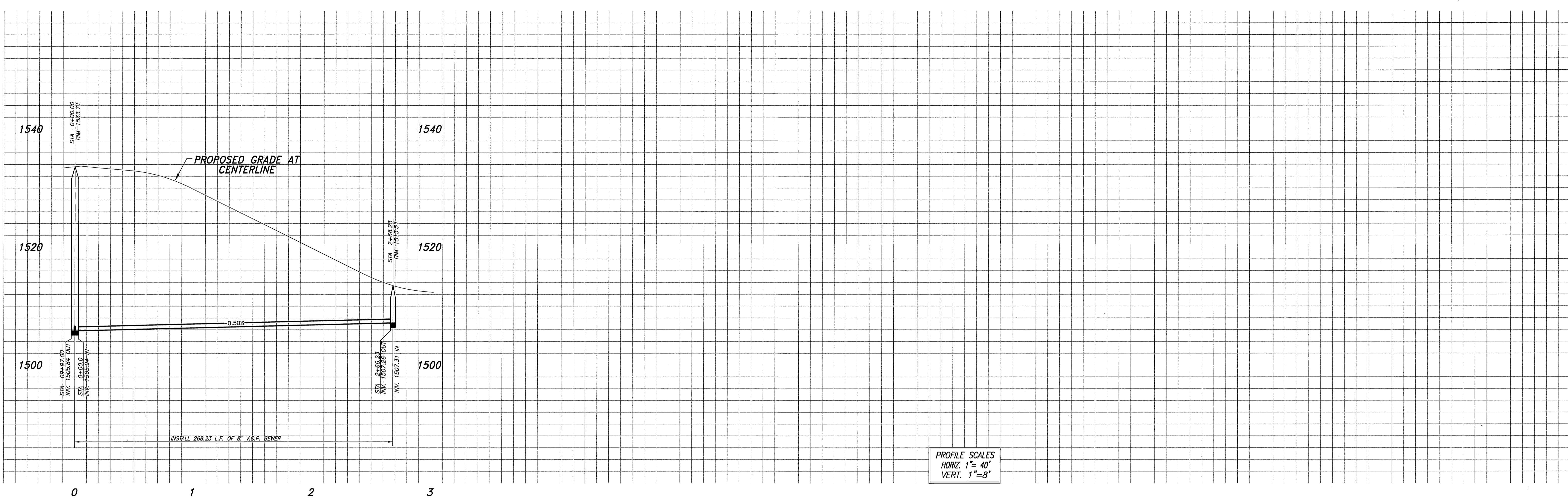
CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT
 APPROVED BY: *[Signature]* DATE: 10/25/05
 PRINCIPAL ENGINEER
 PARK DEPARTMENT
 TRAFFIC DIVISION
 PLANNING DEPARTMENT
 STREET SERVICES

SEWER IMPROVEMENT PLAN
TRACT 29515
 CRYSTAL MOUNTAIN CIRCLE
 FORCE MAIN
 A.P.N. 243-200-007, 243-220-001, 011, 015, 017
 243-230-001, 002, 021, 022, 024
 HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 8'

PW04-0648
 ACCOUNT NO.
S-1884
 SHEET **24** OF **24**
 J.N. 6500

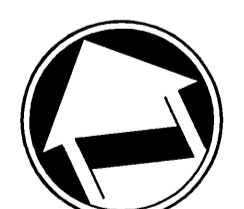
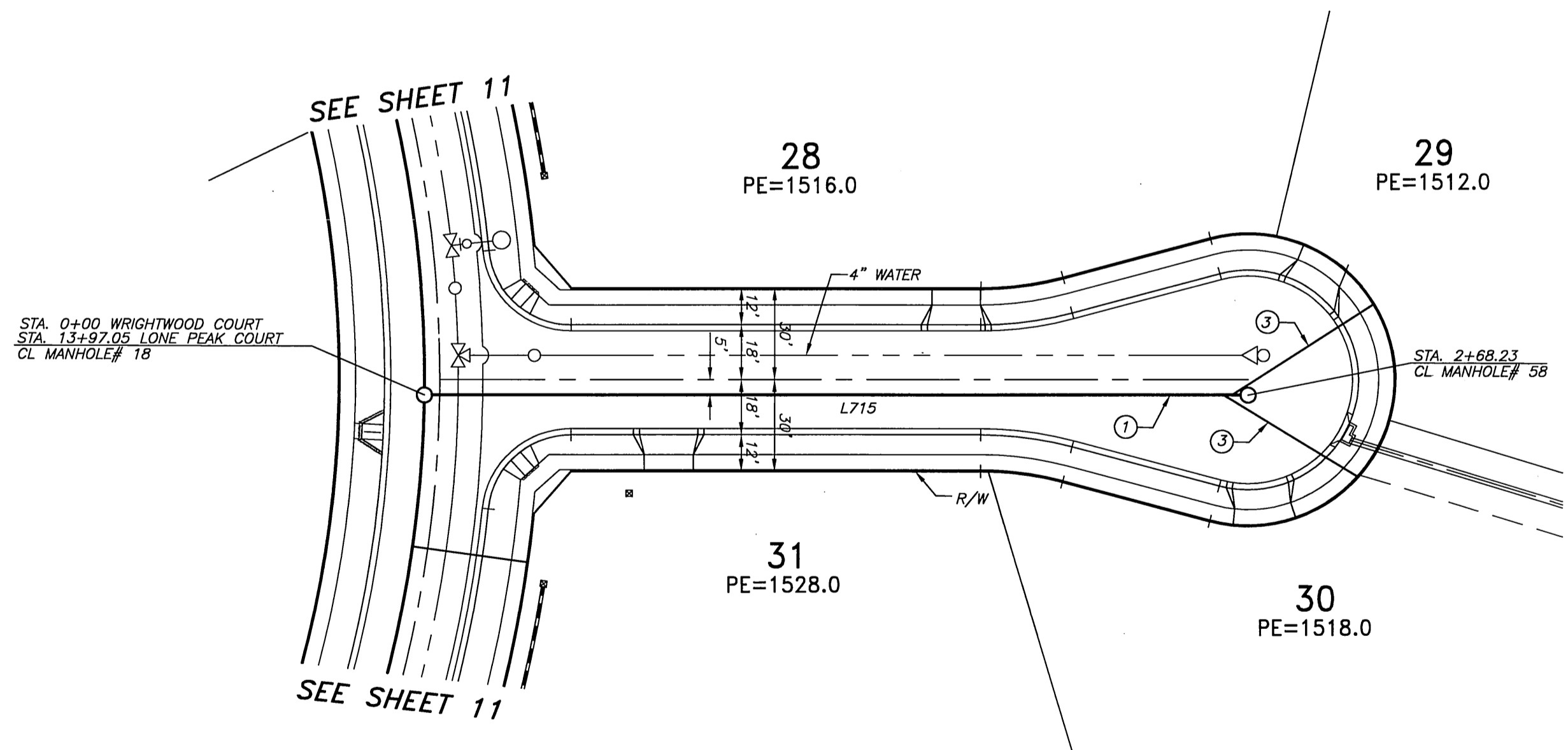
INDEXED 11-17-05 LPH

U:\Projects\Plan\0600\Draw\06000222.dwg Oct 17, 2005 - 11:45am

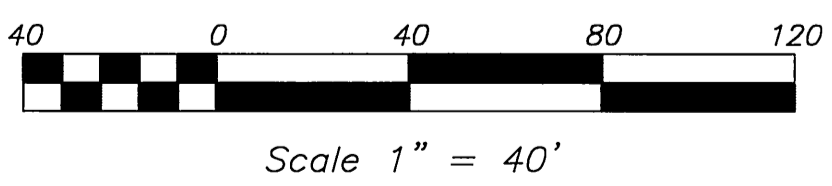


PROFILE SCALES
 HORIZ. 1" = 40'
 VERT. 1" = 8'

| LINE TABLE | | |
|------------|--------|-------------|
| LINE | LENGTH | BEARING |
| L715 | 268.23 | N64°53'31"W |



WRIGHTWOOD COURT



Underground Service Alert
 Call: TOLL FREE
1-800-227-2600
 TWO WORKING DAYS BEFORE YOU DIG

CITY OF RIVERSIDE BUSINESS TAX ACCT.#058833 EXP.1/1/07
adkan ENGINEERS
 Civil Engineering - Surveying - Planning
 6520 Airport Drive, Riverside, CA 92504
 Tel: (951) 688-0241 Fax: (951) 688-0599
 Under the Supervision of: *[Signature]* 3/21/06
 Charles Leach, R.C.E. 53390 Exp. 06.30.07 Date: 1/

BENCHMARK: F7 - K3
 CITY OF RIVERSIDE REFERENCE LL47/7.
 PK. NAIL AND CITY ENGINEER TAG IN THE
 BASE OF A STREET LIGHT ALONG THE SOUTHERLY
 CURB OF OVERLOOK PARKWAY 175 FEET EAST
 OF CHATEAU RIDGE DRIVE. TRANSFER FROM
 L7-C2 BY CITY SURVEY CREW 6/10/2002
 ELEVATION: 1426.960

| MARK | REVISIONS | APPR. | DATE |
|------|-----------|-------|------|
| | | | |

DESIGNED BY: RICK DRAWN BY: BRYAN CHECKED BY: C-

CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT

| | | | |
|---------------------|---------|-------------|-------------|
| APPROVED BY | DATE | BY | APPROVED BY |
| PRINCIPAL ENGINEER | 3/21/06 | [Signature] | [Signature] |
| PARK DEPARTMENT | | | |
| TRAFFIC DIVISION | | | |
| PLANNING DEPARTMENT | | | |
| STREET SERVICES | | | |

DATE: 3/21/06

SEWER IMPROVEMENT PLAN
TRACT 29515 WRIGHTWOOD COURT
 A.P.N. 243-200-007, 243-220-001, 011, 015, 017
 243-230-001, 002, 021, 022, 024
 HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 8'

| | |
|-------------|----------|
| ACCOUNT NO. | S-1884 |
| SHEET | 25 OF 25 |
| J.N. | 6500 |