

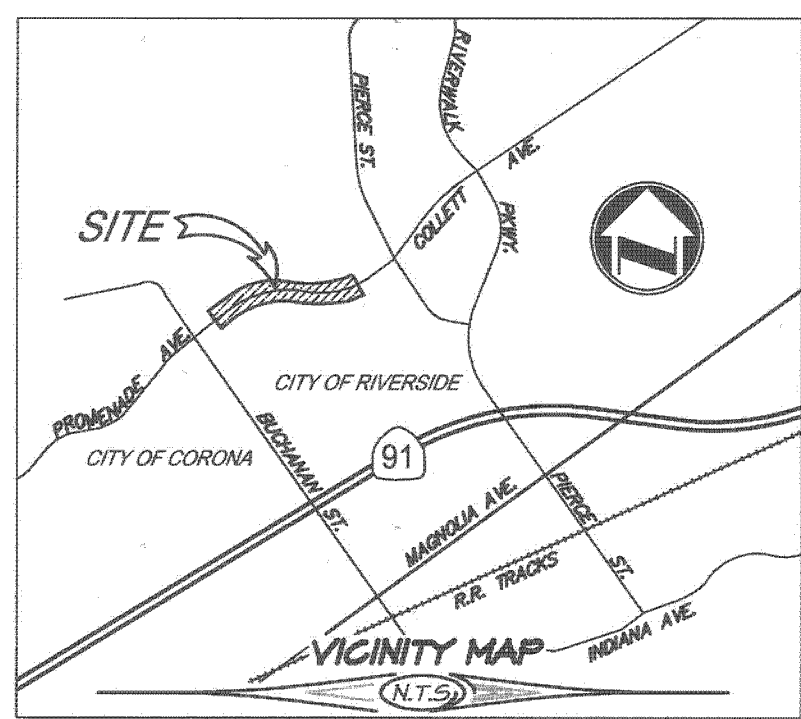
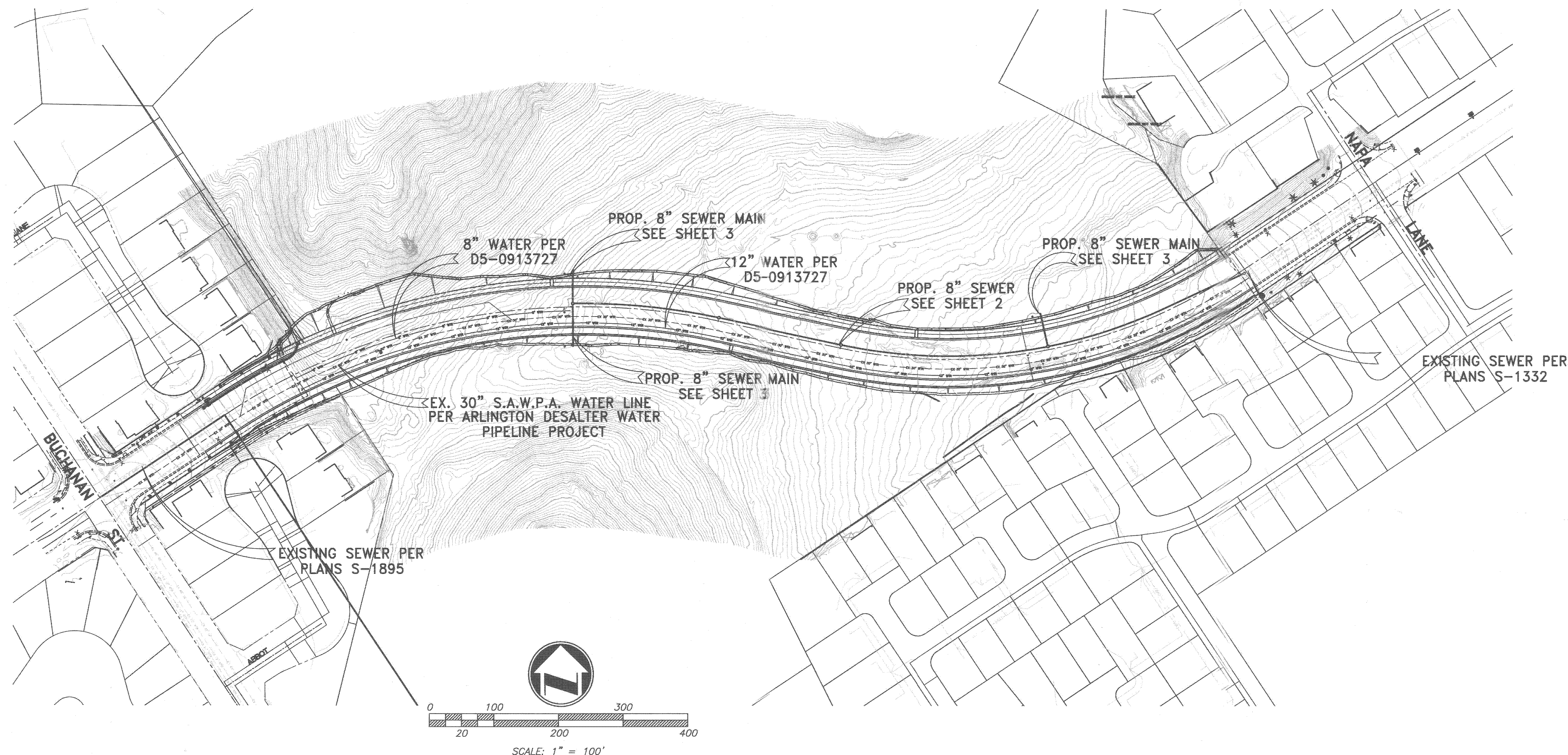
GENERAL NOTES

- 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.
- 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 REESTABLISHING 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.
- 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.
- LOCATION OF LATERALS TO BE DETERMINED IN THE FIELD AT THE DIRECTION OF THE OWNER. AVOID CONFLICT WITH PROPOSED AND/OR EXISTING FACILITIES.
- 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.
- 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.
- THE SEWER CONTRACTOR SHALL ADJUST MANHOLES TO FINAL GRADE AFTER PAVING IS COMPLETED.
- PIPES JOINTS FOR VITRIFIED CLAY PIPE SHALL BE TYPE "C" AS SPECIFIED IN SECTION 208-2.3 OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS PROJECTS. IF PLASTIC PIPE IS ALLOWED AS AN ALTERNATIVE, ALL PIPE JOINTS SHALL BE GASKETED. CEMENTED JOINTS SHALL NOT BE ALLOWED.
- THE DEVELOPER IS RESPONSIBLE FOR PERFORMING A VIDEO INSPECTION OF THE NEW SEWER MAIN PRIOR TO FINAL ACCEPTANCE OF THE WORK. THE VIDEO INSPECTION MUST BE PERFORMED IN THE PRESENCE OF THE PUBLIC WORKS INSPECTOR. A RECORDING OF THE VIDEO INSPECTION MUST BE SUBMITTED TO THE CITY FOR REVIEW AND ACCEPTANCE.

SEWER IMPROVEMENT PLAN FOR: COLLETT EXTENSION RIVERSIDE, CA.

LEGEND

| | | |
|----------------------|---------------------|-------------------|
| BLDG. BUILDING | GB GRADE BREAK | TC TOP OF CURB |
| CB CATCH BASIN | H.C. HANDICAPPED | TEL. TELEPHONE |
| CLK CHAIN LINK FENCE | HP HIGH POINT | TO TOP OF GRATE |
| C&G CURB AND GUTTER | INV. INVERT OF PIPE | TF TOP OF FOOTING |
| C.L. CENTERLINE | LP LOW POINT | TW TOP OF WALL |
| CONC. CONCRETE | M.H. MAN HOLE | W WATER |
| D/W DRIVEWAY | P.P. POWER POLE | |
| EP EDGE OF PAVEMENT | R.D. ROOF DRAIN | |
| EXIST. EXISTING | R.O.W. RIGHT-OF-WAY | |
| FF FINISHED FLOOR | SWR SEWER | |
| FH FIRE HYDRANT | S/W SIDEWALK | |
| FL FLOW LINE | SD STORM DRAIN | |
| FS FINISHED SURFACE | STD. STANDARD | |



SEC. 15,22 T.35. R.6W

CONSTRUCTION NOTES AND QUANTITY ESTIMATE

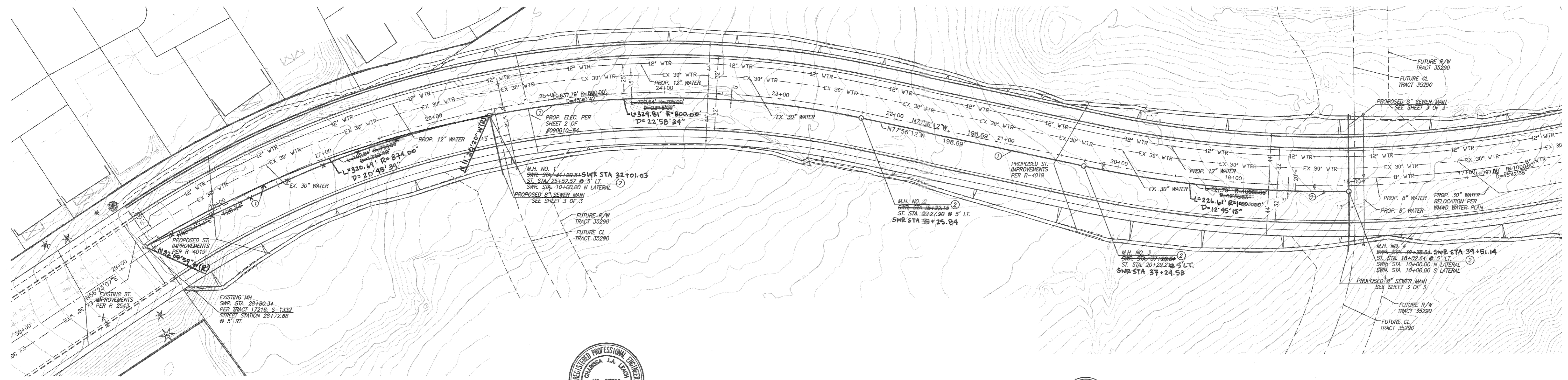
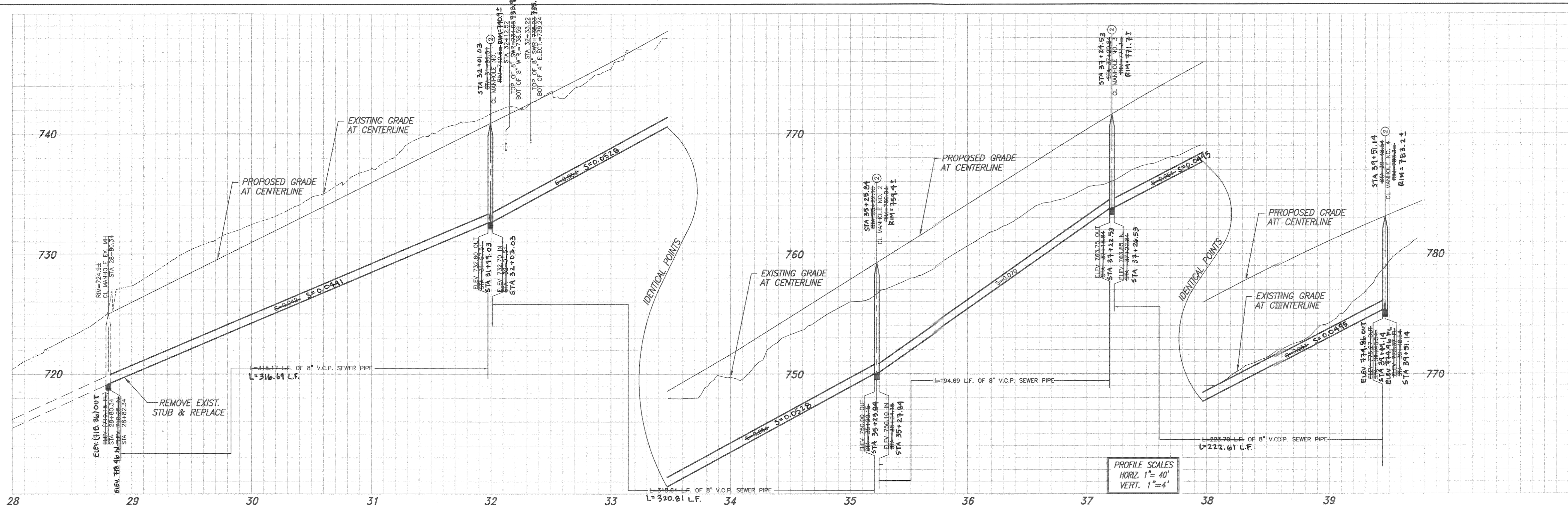
THE QUANTITIES SHOWN BELOW ARE FOR BONDING INFORMATION ONLY. THE CONTRACTOR IS TO CONSTRUCT PROJECT PER THESE PLANS AND SUBMIT CONSTRUCTION BID BASED ON THEIR OWN QUANTITY TAKE-OFF.

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|---|----------|
| ① CONSTRUCT 8" V.C.P. SEWER WITH CASE III BEDDING PER CITY STD. DWG. NO. 452 | 1,216 LF |
| ② CONSTRUCT MANHOLE PER CITY STD. DWG. 500 | 4 EA |
| ③ CONSTRUCT 8" SEWER END PLUG | 3 EA |
| ④ PIPE TO BE INSTALLED WITHIN A PROTECTIVE TUBE OF HIGH DENSITY POLYETHYLENE (HDPE) 16" PIPE, DR 13-5 | 61 LF |

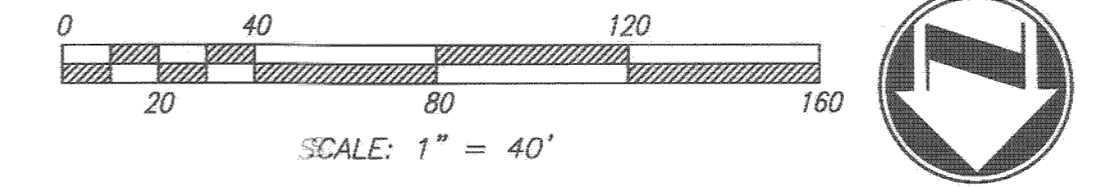


CITY OF RIVERSIDE BUSINESS TAX ACCT.#056833 EXP. 1/1/15

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|--|--|--|--|---|---|--|--|
| RIVERSIDE PUBLIC UTILITIES- WATER REVIEWED FOR CONFLICTS BY: <i>Matthew B...</i> DATE: 4-18-2014 | | adkan ENGINEERS CIVIL ENGINEERING • SURVEYING • PLANNING 6879 AIRPORT DRIVE, RIVERSIDE, CA 92504 TEL: (951) 636-0241 FAX: (951) 843-9370 DATE: 4/17/14 | BENCHMARK: F2-N3 CITY OF RIVERSIDE P.K. NAIL AND CITY TAG IN THE NORTHERLY CURB OF PIERCE STREET, MIDWAY BETWEEN ROSE AVE. AND HOLLYHOCK LANE. ELEVATION: 720.852 | AS-BUILT SEWER DESIGNED BY: BI DRAWN BY: BI CHECKED BY: C- | CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT APPROVED BY: <i>[Signature]</i> DATE: 4/22/2014 CITY ENGINEER / P.W. DIRECTOR | SEWER PLAN AND PROFILE COLLETT EXTENSION TITLE SHEET & INDEX MAP HORIZ. SCALE: AS SHOWN VERT. SCALE: N/A | PW14-0169 ACCOUNT NO. S-2119 SHEET 1 OF 3 J.N. 8533 |
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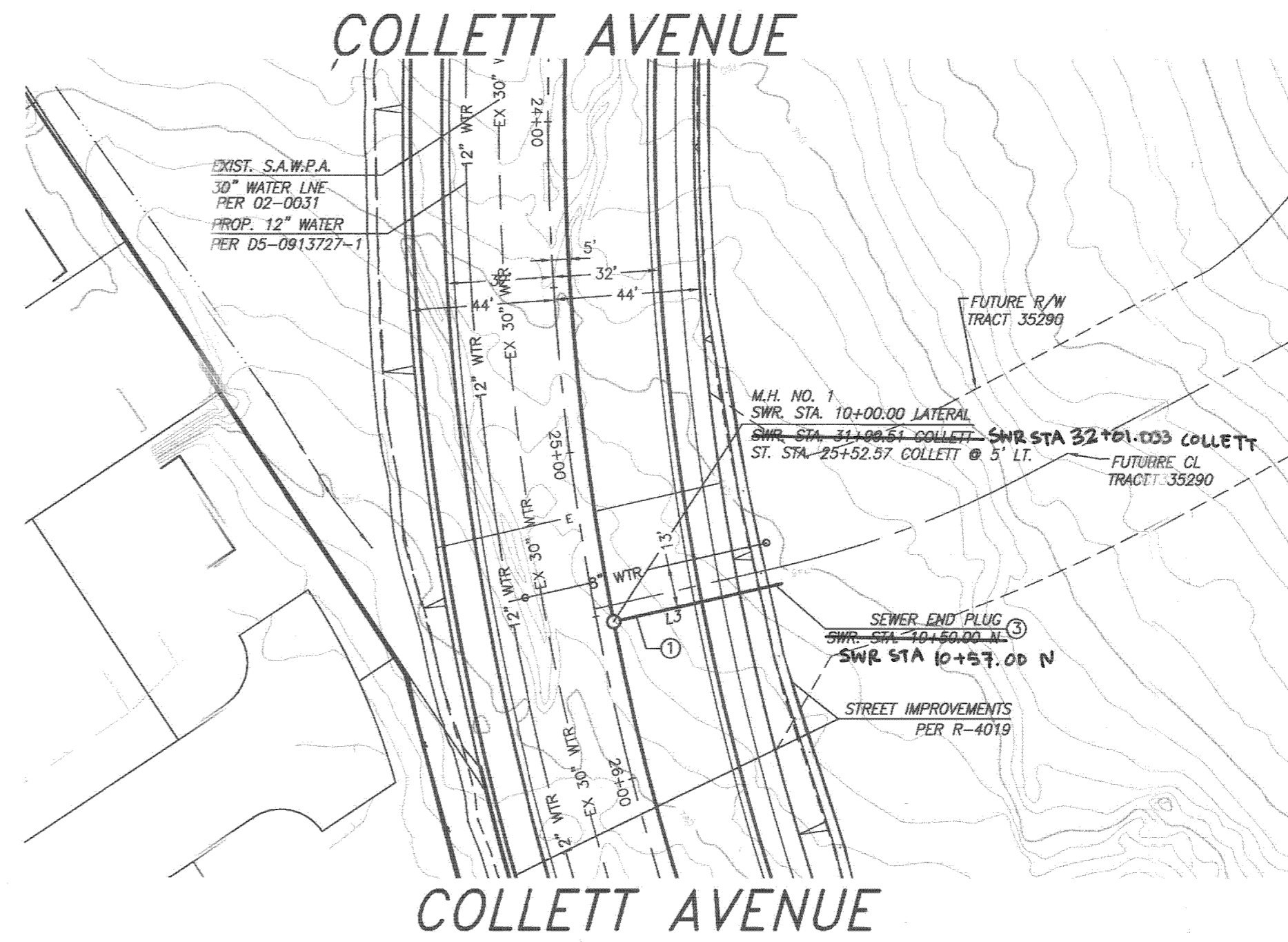
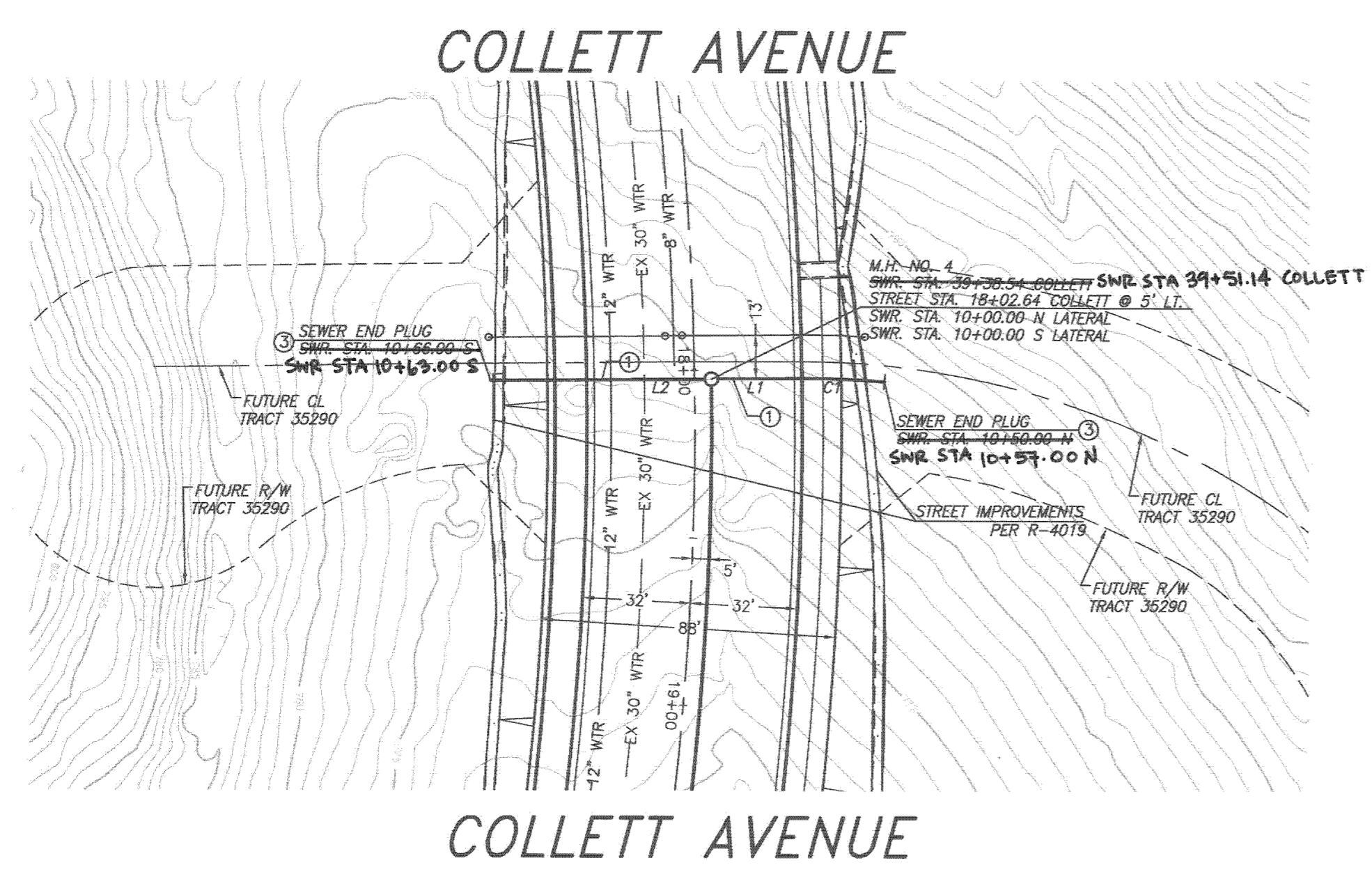
COLLETT AVENUE



- CONSTRUCTION NOTES:**
- ① CONSTRUCT 8" V.C.P. SEWER WITH CASE III BEDDING PER CITY STD. DWD. NO. 452
 - ② CONSTRUCT MANHOLE PER CITY STD. DWG. 500

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|--|---|--|--|--|---|--|--|
| <p>RIVERSIDE PUBLIC UTILITIES- WATER</p> <p>Matthew B.L. REVIEWED FOR CONFLICTS BY:</p> <p>9-18-2014 DATE:</p> | <p>811 Know what's below. Call before you dig.</p> | <p>PLAN PREPARED BY: adkan ENGINEERS CIVIL ENGINEERING • SURVEYING • PLANNING 6879 AIRPORT DRIVE, RIVERSIDE, CA 92504 TEL: (951) 688-0241 FAX: (951) 343-9370</p> | <p>BENCHMARK: F2-N3 CITY OF RIVERSIDE P.K. NAIL AND CITY TAG IN THE NORTHERLY CURB OF PIERCE STREET, MIDWAY BETWEEN ROSE AVE. AND HOLLYHOCK LANE. ELEVATION: 720.852</p> | <p>AS-BUILT SEWER</p> <p>DESIGNED BY: BI DRAWN BY: BI CHECKED BY: C-</p> | <p>CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT</p> <p>APPROVED BY: [Signature] ENGINEERING MANAGER CAPITAL PROJECTS</p> <p>DATE: 4/23/2014</p> | <p>SEWER PLAN AND PROFILE COLLETT EXTENSION COLLETT AVENUE</p> <p>HORIZ. SCALE: AS SHOWN VERT. SCALE: N/A</p> | <p>PW14-0169 ACCOUNT NO. S-2119 SHEET 2 OF 3 J.N. 8533</p> |
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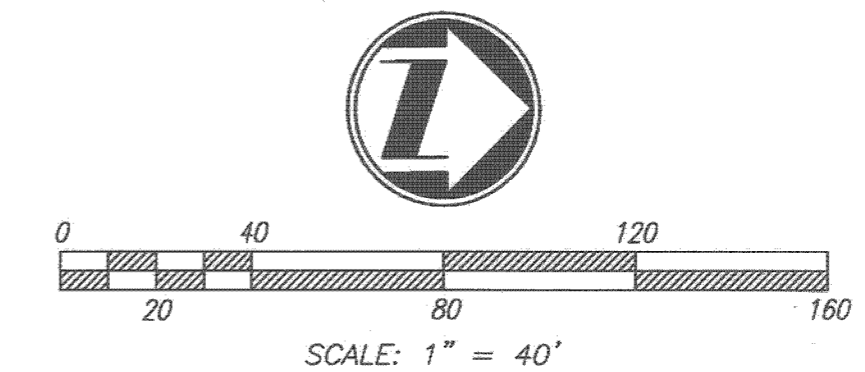
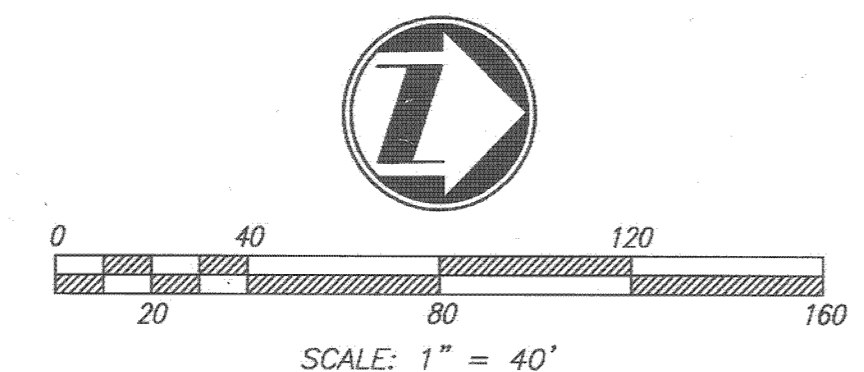
Plot Date: 4/17/2014



| LINE TABLE | | |
|------------|------------------|----------------|
| LINE | LENGTH | DIRECTION |
| L1 | 22.61' 27.62' | N00° 30' 41" W |
| L2 | 51.66' 59.00' | N00° 30' 41" W |
| L3 | 53.65' 50.00' | N12° 50' 40" W |

| CURVE TABLE | | | |
|-------------|------------------|-------------|---------|
| LINE | LENGTH | DELTA | RADIUS |
| C1 | 24.35' 27.62' | 05° 42' 07" | 245.00' |

- CONSTRUCTION NOTES:**
- ① CONSTRUCT 8" V.C.P. SEWER WITH CASE III BEDDING PER CITY STD. DWD. NO. 452
 - ② CONSTRUCT MANHOLE PER CITY STD. DWG. 500
 - ③ CONSTRUCT 8" SEWER END CAP
 - ④ PIPE TO BE INSTALLED WITHIN A PROTECTIVE TUBE OF HIGH DENSITY POLYETHYLENE (HDPE) 18" PIPE, DR 13.5



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|--|--|--|--|-----------------------------|---|--|--|
| RIVERSIDE PUBLIC UTILITIES— WATER REVIEWED FOR CONFLICTS BY: <i>Matthew B...</i> DATE: 4-18-2014 | | PLAN PREPARED BY: adkan ENGINEERS CIVIL ENGINEERING • SURVEYING • PLANNING 6879 AIRPORT DRIVE, RIVERSIDE, CA 92504 TEL: (951) 689-0241 FAX: (951) 543-9370 DATE: 4/11/14 | BENCHMARK: F2-N3 CITY OF RIVERSIDE P.K. NAIL AND CITY TAG IN THE NORTHERLY CURB OF PIERCE STREET, MIDWAY BETWEEN ROSE AVE. AND HOLLYHOCK LANE. ELEVATION: 720.852 | AS-BUILT SEWER R12 12/14 | CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT APPROVED BY: <i>Matthew B...</i> CITY ENGINEER / P.W. DIRECTOR DATE: 4/21/2014 | SEWER PLAN AND PROFILE COLLETT EXTENSION PROPOSED SEWER STUB OUTS | ACCOUNT NO. PW14-0169 S-2119 SHEET 3 OF 3 |
| HORIZ. SCALE: AS SHOWN VERT. SCALE: N/A J.N. 8533 U:\Projects\Lipari\Sewer\8533 Collett_Swr_03.dwg | | | | | | | |