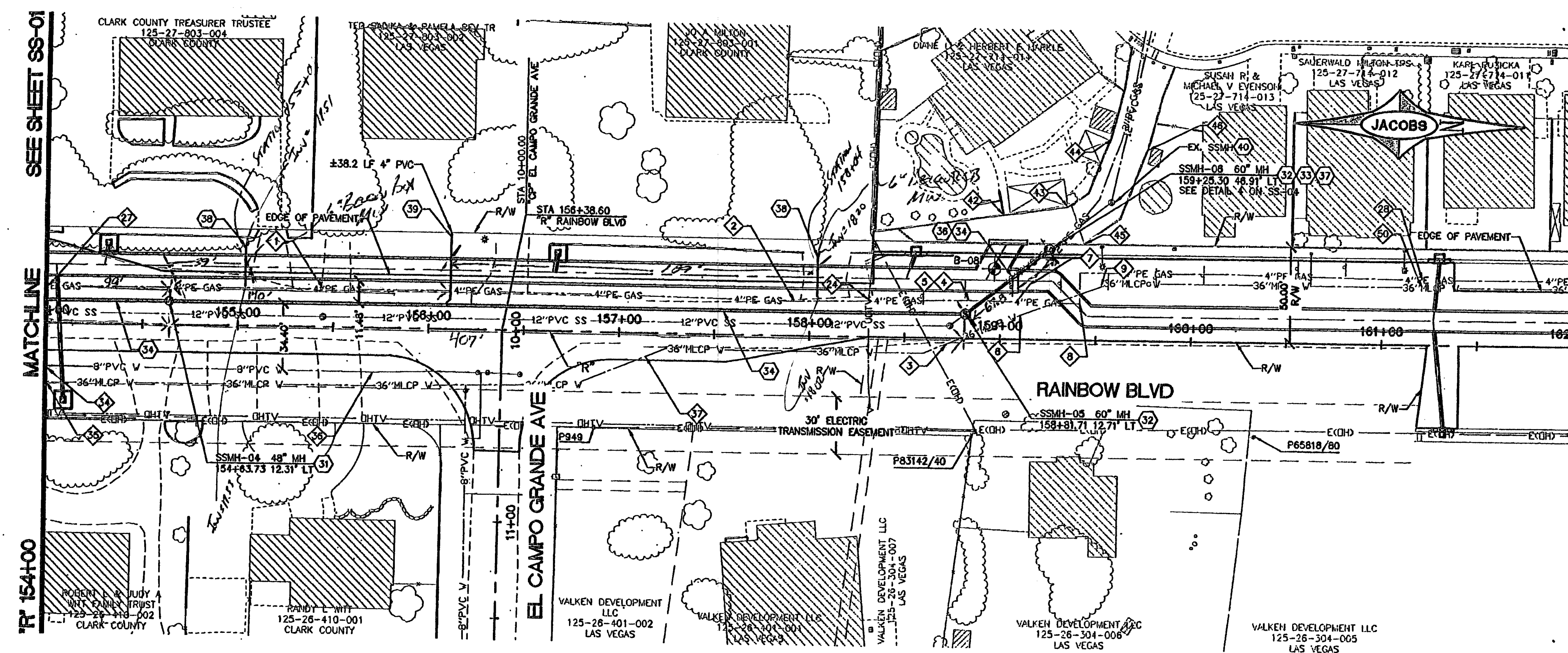




GRAPHIC SCALE

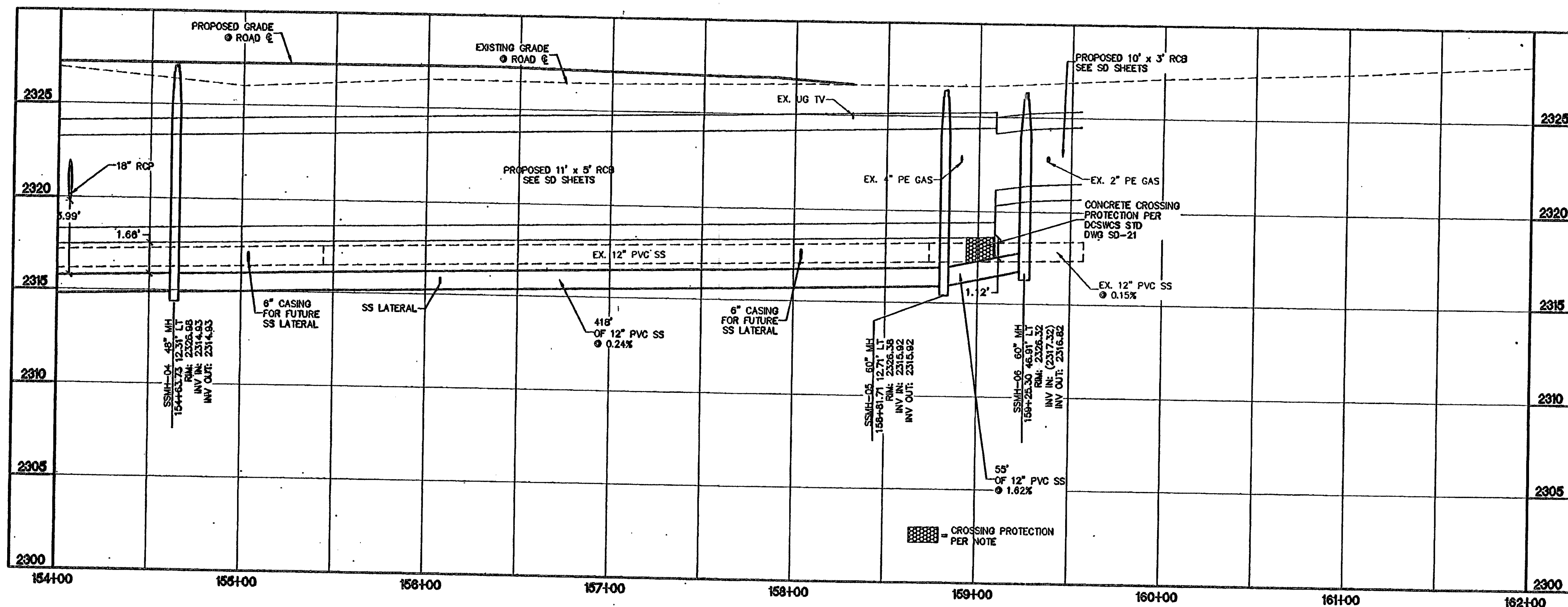
(IN FEET)

1 inch = 40 ft.

PROFILE SCALE

HORIZONTAL: 1"=40'

VERTICAL: 1"=4'



POT HOLE	UTILITY	LOCATION	ELEVATION
1	4" GAS	TOP	2321.38
2	4" GAS	TOP	2323.36
3	36" WATER	TOP	2319.50
4	12" SEWER	TOP	2318.10
5	4" GAS	TOP	2322.99
6	36" WATER	TOP	2319.75
7	2" GAS	TOP	2322.83
8	4" GAS	TOP	2323.23
9	36" WATER	TOP	2319.81
24	2" TV	TOP	2325.03
25	4" GAS	TOP	2322.21
26	4" GAS	TOP	2323.85
34	8" WATER	TOP	2321.00
35	36" WATER	TOP	2318.59
36	8" WATER	TOP	2321.89
37	36" WATER	TOP	2318.65
42	WALL FOOTING	TOP	2325.87
43	WALL FOOTING	TOP	2325.42
44	WALL FOOTING	TOP	2325.62
45	WALL FOOTING	TOP	2325.36
46	WALL FOOTING	TOP	2325.42
50	36" WATER	TOP	2320.34

- 31) INSTALL 48-INCH MANHOLE, FRAME, COVER AND COLLAR PER DCSWCS STANDARD DRAWINGS SD-1A, SD-2, AND SD-4.
- 32) INSTALL 60-INCH MANHOLE, FRAME, COVER AND COLLAR PER DCSWCS STANDARD DRAWINGS SD-1A, SD-2, AND SD-4.
- 33) CAST IN PLACE MH BASE PER DCSWCS STANDARD DRAWING SD-7
- 34) INSTALL 12-INCH PVC SANITARY SEWER PIPE PER DETAIL 1, SHEET SS-04.
- 35) INSTALL 8-INCH PVC SANITARY SEWER PIPE PER DETAIL 1, SHEET SS-04.
- 36) INSTALL CONCRETE UTILITY CROSSING PROTECTION EXTENDING 10 FEET BOTH SIDES OF CROSSED UTILITY PER DCSWCS STANDARD DRAWING SD-21.
- 37) CONNECT TO EXISTING SANITARY SEWER.
- 38) INSTALL NEW 6" UTILITY CROSSING PER DETAIL 3 ON SHEET SS-04.
- 39) REINSTATE PROPERTY SANITARY SEWER LATERAL PER DCSWCS STANDARD DRAWING SD-23 AND SD-27, AND DETAIL 2, SHEET SS-04.
- 40) INSTALL LOCKING, WATERTIGHT MANHOLE FRAME AND LID. AND ADJUST SSMH TO FINAL GRADE.

1ST APPROVAL 07/09/11
W. A. Wade 8/29/11
 LWWD ENGINEERING SERVICES MANAGER
 PROJECT NO. 116370

1. EXISTING UTILITIES SHOWN ARE BASED UPON THE BEST AVAILABLE INFORMATION. CONTRACTOR SHALL CONTACT CALL BEFORE YOU DIG AT 811 AT LEAST 3 DAYS PRIOR TO EXCAVATION FOR UTILITY LOCATIONS. CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES OR UNMARKED UNDERGROUND UTILITIES IMMEDIATELY. ANY UTILITIES DAMAGED DURING CONSTRUCTION OF FACILITIES SHALL BE REPAIRED AT CONTRACTORS EXPENSE TO THE SATISFACTION OF THE OWNING AGENCY AND PERMITTING AGENCY.
2. WHEN REQUIRED CONTRACTOR IS RESPONSIBLE FOR BYPASS PUMPING IN ACCORDANCE WITH SECTION 695 OF PROJECT SPECIAL PROVISIONS TO ENSURE NO DISRUPTION IN SERVICE OCCURS ALONG THE SEWER RELOCATION PROJECT CORRIDOR. (NO DIRECT PAYMENT)
3. CONTRACTOR MUST REINSTATE ALL SERVICE LATERALS AFFECTED BY THE SANITARY SEWER RELOCATION TO THE NEW SANITARY SEWER PRIOR TO TERMINATING BYPASS PUMPING OPERATIONS. VERIFY ALL SERVICE THROUGH VIDEO SURVEY PRIOR TO DECOMMISSIONING EXISTING SEWER. (NO DIRECT PAYMENT)
4. WHEN SEWER PIPES OF DIFFERENT DIAMETERS ARE PRESENT IN THE SAME MANHOLE, MATCH CROWNS.
5. ALL EXISTING SEWER OWNED BY CITY OF LAS VEGAS UNLESS OTHERWISE NOTED.
6. ALL STATIONING BASED ON ALIGNMENT "R".
7. ALL CROSSING ELEVATIONS ARE AT SEWER LINE.
8. DOWNSTREAM PORTIONS OF SEWER CAN BE ACCEPTED AND PLACED IN SERVICE AS COMPLETED AT CONTRACTORS OPTION.

TROPICAL PARKWAY

EL CAMPO GRANDE AVENUE

ANN ROAD

KEYMAP

NORTH 00°10'10" WEST, BEING THE WEST LINE OF THE SW QUARTER (SW 1/4) OF THE SW QUARTER (SW 1/4) OF SECTION 26, T.19S., R.60E., M.D.M., CLARK COUNTY, NEVADA. AS SHOWN ON SURVEY RECORDED IN FILE 183, PAGE 42 OF SURVEYS, OFFICIAL RECORDS OF CLARK COUNTY, NEVADA.

CLV BM OLV90 27SEE6: RIVET & ROUND PLATE IN TOP
OF CURB, WEST SIDE OF RAINBOW BLVD. $\pm 200'$ NORTH
OF EL CAMPO GRANDE AVE. ELEV. 2326.07' (NAVD88)
2008 ADJUSTMENT.

SS-02
29 of 44
DRAWING NO.
731-88

[illegible]

**MENT OF PUBLIC WORKS
CAPITAL PROJECT MANAGEMENT**

CITY ENGINEER: DAVID BOWERS, P.E.
PROGRAM MANAGER: MARK SORENSEN, P.E.

DESIGNED BY: N. WORKER
DRAWN BY: J. SIMIANO

**ANN ROAD CHANNEL WEST
RAINBOW BOULEVARD
SANITARY SEWER PLANS
"R" 154+00 TO "R" 162+00**

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DRAWING NO.
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AS BUILT
REV # 3