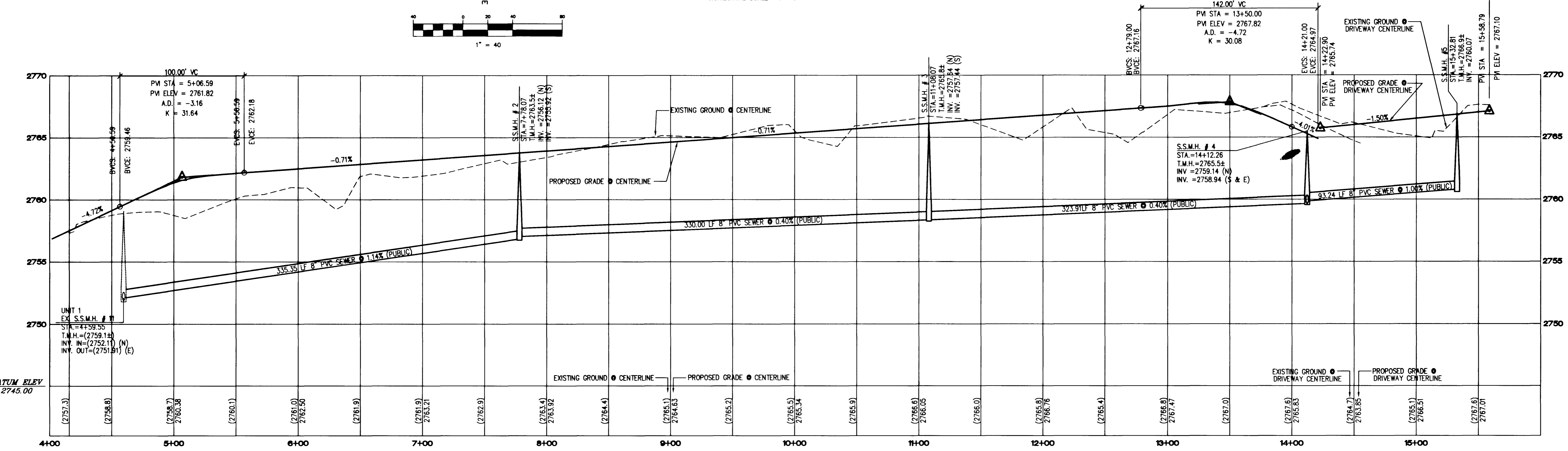
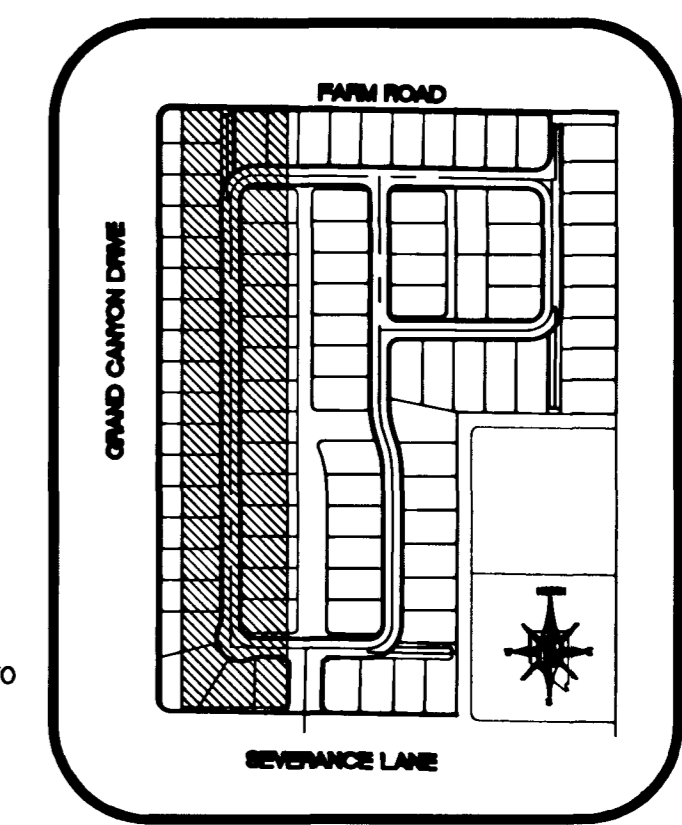


**ROYAL CRYSTAL STREET - PLAN**  
HORIZONTAL SCALE: 1"=40' (PRIVATE)



**ROYAL CRYSTAL STREET - PROFILE**  
HORIZONTAL SCALE: 1"=40' (PRIVATE)  
VERTICAL SCALE: 1"=4'

CURVE TABLE				
CURVE	RADIUS	LENGTH	TANGENT	DELTA
C2	49.00	120.67	138.76	141°05'59"
C3	50.00	22.67	11.53	25°58'28"
C4	50.00	22.67	11.53	25°58'28"
C5	30.00	46.68	29.56	89°08'04"
C14	69.00	109.42	70.04	90°51'38"
C15	30.00	47.57	30.45	90°51'38"



**KEYMAP**  
NOT TO SCALE

Avoid cutting underground utility lines. It's costly.  
**Call before you Dig**  
1-800-227-2600  
UNDERGROUND SERVICE (USA)

Avoid overhead power line contact.  
**Call before you Overhead**  
1-702-593-6111  
NEVADA POWER ENVIRONMENTAL SAFETY SERVICES DEPARTMENT

**Call before you UnderGround**  
1-702-222-2811  
1-702-222-2811

**LEGEND**

- PROPERTY LINE / RIGHT-OF-WAY
- "L" TYPE CURB AND GUTTER
- EXISTING CURB AND GUTTER
- CROSS GUTTER
- WHEELCHAIR RAMP
- CUT OR FILL SLOPE
- PROPOSED AC PAVEMENT AREA
- BLOCK NUMBER

PROPOSED DRIVEWAY AREA

PROPOSED ELEVATION (DESCRIPTION AS SHOWN)

EXISTING ELEVATION (DESCRIPTION AS SHOWN)

EXISTING DESIGN ELEVATION (DESCRIPTION AS SHOWN)

DETAIL OF SECTION NUMBER SHEET DETAIL IS SHOWN

PHASE LINE

BLOCK WALL

RETAINING WALL

LOT NUMBER

FINISHED FLOOR ELEVATION

PAD ELEVATION

**BENCHMARK**  
CITY OF LAS VEGAS BENCHMARK - 2090 - 20W4  
REBAR ±124 FT. NORTHEAST OF DEER SPRINGS AND FORT APACHE.  
ELEVATION = 806.867 METERS (NAVD88)  
ELEVATION = 2647.20 FEET (NAVD88)

**BASIS OF BEARING**  
BEARING NORTH 00°37'43" EAST, BEING THE EAST LINE OF THE SOUTHEAST QUARTER (SE 1/4) OF THE NORTHEAST QUARTER (NE 1/4) OF SECTION 18, TOWNSHIP 19 SOUTH, RANGE 60 EAST, M.D.M., CITY OF LAS VEGAS, CLARK COUNTY, NEVADA, AS SHOWN ON FILE 114, PAGE 17 OF SURVEYS.

**CURVE TABLE**  
C1 Δ=90°51'38" R=49.50' L=78.50 T=50.25  
C2 Δ=89°09'04" R=49.50' L=77.02 T=48.77

**STREET IMPROVEMENT CONSTRUCTION KEY**

- 39' PRIVATE ST. = CONSTRUCT 2" AC PAVING OVER 4" TYPE II BASE ON 6" TYPE I BASE PER MODIFIED U.S.D.C.C.A. STANDARD DWG. NO. 210.
- CONSTRUCT "L" CURB PER U.S.D.C.C.A. STANDARD DWG. NO. 216.
- CONSTRUCT 4" WIDE CONCRETE SIDEWALK PER U.S.D.C.C.A. STANDARD DRAWING NO. 234.
- CONSTRUCT SIDEWALK RAMP PER U.S.D.C.C.A. DWG. NO. 235.

**NOTE:**  
ALL PRIVATE STREETS & DRIVES ARE PUBLIC DRAINAGE EASEMENTS TO BE PRIVATELY MAINTAINED. CITY OF LAS VEGAS SEWER EASEMENTS PUBLIC UTILITY EASEMENTS.

**GRADING NOTES**

- TETRA TECH SHALL BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCIES IN THE PLANS OR CONDITIONS IN THE FIELD.
- ALL WORK TO BE PERFORMED OUTSIDE OF THE PROJECT BOUNDARY AND ON PRIVATE PROPERTY SHALL NOT BE PERFORMED UNTIL WRITTEN PERMISSION AND EASEMENT HAS BEEN OBTAINED FROM THE OFFSITE OWNER AND GIVEN TO CITY LAS VEGAS PUBLIC WORKS.
- FOR AREAS THAT ARE FLATTER THAN 2:1 SLOPE, OR LESS THAN 1' ELEVATION DIFFERENCE, SCARPS ARE NOT SHOWN ON PLAN FOR CLARITY PURPOSES.
- ALL SLOPE AREAS SHALL HAVE A MINIMUM ONE FOOT SHOULDER NEXT TO WALL PRIOR TO STARTING SLOPE.
- PAD SECTION SHOWN ON PLANS IS FOR REFERENCE ONLY. FOR ACTUAL SECTION, REFER TO GEOTECHNICAL REPORT FOR SOILS ENGINEERS' RECOMMENDATION.
- ALL SIDEWALK INSTALLATIONS SHALL CONFORM TO ADA REQUIREMENTS.
- ADD 2600' TO ALL ELEVATIONS SHOWN.

REVISION

**TOLL BROTHERS**  
1635 VILLAGE CENTER CIRCLE, SUITE 100  
LAS VEGAS, NEVADA 89134  
(702) 243-9800

**TETRA TECH, INC.**  
1401 N. BUFFALO DR., SUITE 100, LAS VEGAS, NEVADA 89102  
(702) 243-9800

**PLAN AND PROFILE**  
ROYAL CRYSTAL STREET

**TERRA BELLA UNIT 2**  
CITY OF LAS VEGAS

SHEET: P08513-0004

QUALITY CONTROL BY: [ ]  
DESIGNED BY: [ ]  
CHECKED BY: [ ]  
SCALE: 1"=40'

PROJECT NO. P08513-0004

SEAL  
CIVIL ENGINEER STATE OF NEVADA  
STEPHEN J. WATSON  
NO. 11500  
10-16-03

SHEET **PP1**  
9 OF 13  
DRAWING NO. 10144744-2