



NOTE:
INSTALL PIPELINE MARKER BALLS IN TRENCH ABOVE EACH HORIZONTAL ELBOW FITTING, PER UDACS 2.06.01 AND 2.06.02

Water Main Joint Deflection (PVC, 4" - 24")
PVC Pipe shall be deflected at the joint only. The maximum allowable deflection shall be one (1) degree per joint with a minimum radius of curvature of 1,150 feet, per UDACS 2.06.01 and 2.06.02

For changes in direction exceeding the maximum allowable joint deflection, fittings shall be used. ESN 069

All Sewer/Storm Drains crossing water lines must conform to Section 2.19 of Uniform Design and Construction Standards for Water Distribution Systems (UDACS) for water and storm main crossings and clearances

BASIS OF BEARINGS
SOUTH 00°04'13" WEST BEING THE BEARING OF THE EAST LINE OF THE NORTHEAST QUARTER (NE 1/4) OF THE NORTHWEST QUARTER (NW 1/4) OF SECTION 2, TOWNSHIP 20 SOUTH, RANGE 60 EAST, M.D.M., CITY OF LAS VEGAS, CLARK COUNTY, NEVADA AS SHOWN ON THE MAP ON FILE IN THE CLARK COUNTY RECORDER'S OFFICE, CLARK COUNTY, NEVADA IN FILE 99 OF PARCEL MAPS, AT PAGE 42

BENCHMARK
CLV #000 2NNW6
RIVET AND PLATE IN TOP OF CURB @ SE CORNER OF LONE MOUNTAIN AND RANCHO
ELEVATION (NAVD 88): 706.7908 METERS
2316.66 FEET

CURVE DATA				
CURVE	LENGTH	RADIUS	TANGENT	DELTA
C1	43.85'	30.00'	26.89'	83°45'03"
C2	39.27'	25.00'	25.00'	90°00'00"
C3	39.27'	25.00'	25.00'	90°00'00"
C4	8.42'	3.00'	---	180°00'07"
C5	26.54'	100.00'	13.35'	151°21'3"
C6	26.54'	100.00'	13.35'	151°21'3"
C7	23.56'	15.00'	15.00'	90°00'00"
C8	23.56'	15.00'	15.00'	90°00'00"
C9	16.97'	20.00'	9.03'	48°36'43"
C10	195.96'	40.50'	35.69'	277°13'25"
C11	23.56'	15.00'	15.00'	90°00'00"
C12	23.56'	15.00'	15.00'	90°00'00"
C13	24.85'	20.00'	14.32'	71°11'49"
C14	177.56'	40.50'	56.57'	251°11'49"
C15	24.85'	20.00'	14.32'	71°11'49"
C16	177.56'	40.50'	56.57'	251°11'49"

- LEGEND**
- PROPERTY LINE / RIGHT-OF-WAY
 - "L" TYPE CURB AND GUTTER
 - "A" TYPE CURB
 - EXISTING CURB AND GUTTER
 - PROPOSED SEWER LINE (SIZE AS SHOWN)
 - PROPOSED WATER LINE (SIZE AS SHOWN)
 - EXISTING UTILITY (AS SHOWN)
 - CROSS GUTTER
 - HANDICAP RAMP
 - PROPOSED PAVEMENT AREA
 - EXISTING PAVEMENT TO BE REMOVED AND REPLACED
 - PROPOSED ELEVATION (DESCRIPTION AS SHOWN)
 - EXISTING ELEVATION (DESCRIPTION AS SHOWN)
 - FUTURE DESIGN ELEVATION (DESCRIPTION AS SHOWN)
 - LOT NUMBER

- CONSTRUCTION NOTES**
- 1) CONSTRUCT "L" TYPE CURB AND GUTTER PER CCASD 216
 - 2) CONSTRUCT "A" TYPE CURB PER CCASD 219
 - 3) CONSTRUCT CROSS GUTTER PER CCASD 228
 - 4) CONSTRUCT 5' SIDEWALK PER CCASD 234
 - 5) CONSTRUCT SIDEWALK UNDERDRAIN PER CCASD 236
 - 6) CONSTRUCT SIDEWALK RAMP PER CCASD 235 CASE 1 A=B, B=A UNLESS NOTED OTHERWISE
 - 7) CONSTRUCT DEPRESSION CURB PER CCASD 227
 - 8) SAWCUT AND MATCH EXISTING @ CENTERLINE
 - 9) REMOVE AND RECONSTRUCT CURB, GUTTER AND SIDEWALK
 - 10) ADJUST EXISTING UTILITY TO GRADE
 - 11) CONSTRUCT WROUGHT IRON FENCE PER CLV DWG 421 PER DETAIL ON SHEET D2
 - 12) CONSTRUCT BEEHIVE DROP INLET PER CCASD 416
 - 13) CONSTRUCT DRAINAGE EASEMENT PER CLV DWG 421 PER DETAIL ON SHEET D2

Avoid cutting underground utility lines. If's costly.

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 INFORMATION SAFETY SERVICES DEPARTMENT

Call before you UnderGround
1-702-455-7511
1-702-728-6611

7700636 444478 82033

APPROVED FOR CONSTRUCTION
[Signature] 2/08/05
Las Vegas Valley Water District
LVPWD Project #1/13/05 Date ESN018

PROJECT NO. 001.04015
SCALE 1"=40'
CHECKED BY: [Signature]
DESIGNED BY: [Signature]
DRAWN BY: [Signature]

THOMASON CONSULTING ENGINEERS
3161 E. WARM SPRINGS ROAD, SUITE 200
LAS VEGAS, NEVADA 89120
702-932-6129
702-932-6125

RICHMOND AMERICAN HOMES
LONE MOUNTAIN / TORREY PINES
PLAN AND PROFILE
PIERCEFIELD COURT

PROFESSIONAL ENGINEER
JOSHUA N. OVIEN
Exp. 12/3/05
CIVIL
No. 15148
1/13/05

SHEET **P3** OF 21
DRAWING NO. 10744854

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