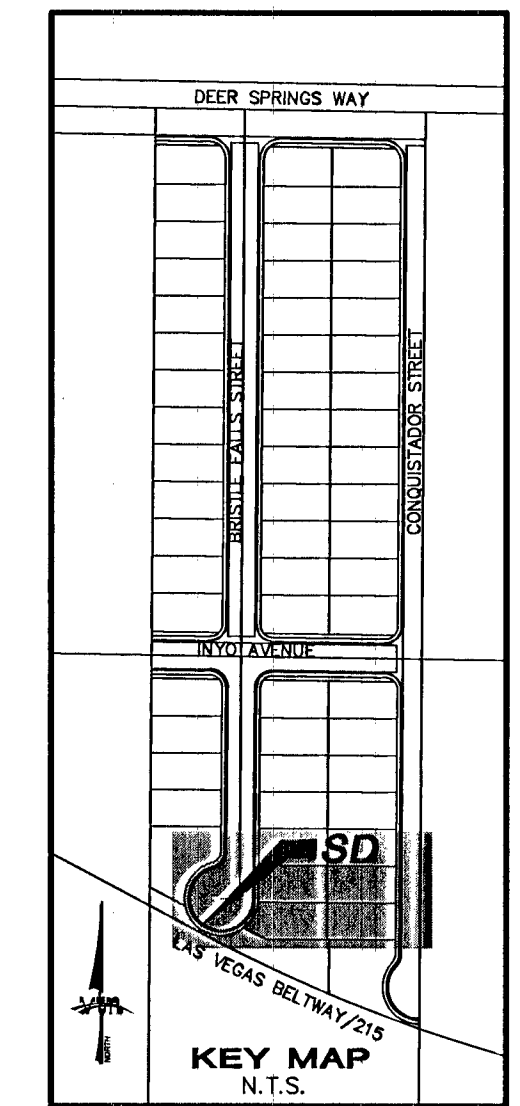
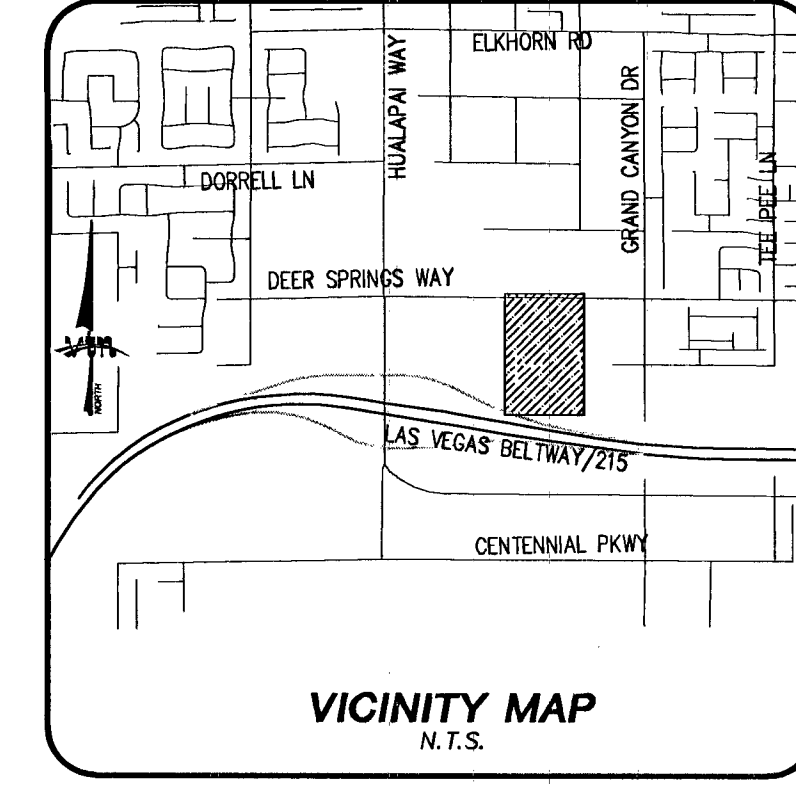


Call before you Dig
 Avoid cutting underground utility lines. It's costly.
CALL
Underground
 1-702-452-5300
 CLARK COUNTY TRAFFIC OPERATIONS
 1-800-222-2800

Call before you Overhead
 Avoid overhead power line contact. It's costly.
CALL
Overhead
 1-702-227-2929



UTILITY CROSSING NOTE
 ALL SEWER/STORM DRAINS CROSSING WATER LINES MUST CONFORM TO SECTION 2.22 OF UNIFORM DESIGN AND CONSTRUCTION STANDARDS FOR PORTABLE WATER SYSTEMS (UDACS) FOR WATER AND STORM MAIN CROSSINGS AND CLEARANCES.

FLOOD ZONE NOTE
 FLOOD ZONE TYPE: ZONE X
 PANEL: 1745 MAP# 3200301745E
 FEMA EFFECTIVE DATE: SEPTEMBER 27, 2002
 (A ZONE "X" IS DESCRIBED AS AN AREA NOT WITHIN THE 100-YEAR STORM FLOODPLAIN.)

ENGINEER DISCLAIMER NOTE
 UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND AND OVERHEAD UTILITIES AND NOTIFY THE DESIGN ENGINEER IMMEDIATELY OF ANY DISCREPANCIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

PROJECT BENCHMARK
 PROJECT DATUM: NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)
 CITY OF LAS VEGAS BENCHMARK: 5LV90:19W4 2008 ADJUSTMENT (UPDATED 5/24/10) NAVD88 ELEVATION: 657.697 METERS (2153.96 FEET)
 RIVET AND PLATE CONCRETE PAD (LWWD) 100'SE HUALAPAI WAY AND DEER SPRINGS.

BASIS OF BEARINGS
 GRID NORTH AS DEFINED BY THE CENTRAL MERIDIAN OF THE NEVADA COORDINATE REFERENCE SYSTEM (NCRS), LAS VEGAS ZONE, NORTH AMERICAN DATUM OF 1983; SAID MERIDIAN BEING COINCIDENT WITH 114°58' WEST OF THE GREENWICH MERIDIAN.
 LINEAR UNIT: US SURVEY FOOT (FTUS)
 DATUM (REFERENCE FRAME): NAD 1983 (CORS 2011) EPOCH 2010
 SYSTEM: NEVADA COORDINATE REFERENCE SYSTEM (NCRS)
 ZONE: LAS VEGAS
 PROJECTION: TRANSVERSE MERCATOR
 STANDARD PARALLEL (AND LATITUDE OF GRID ORIGIN): 36°15'00"N
 LONGITUDE OF CENTRAL MERIDIAN: 114°58'00"W
 NORTING AT GRID ORIGIN: 200,000,000 M (656,166,666.7 FTUS)
 EASTING AT CENTRAL MERIDIAN: 100,000,000 M (328,083,333.3 FTUS)
 SCALE FACTOR ON CENTRAL MERIDIAN: 1.0001 (EXACT)

NOTES:
 1. ALL DISTANCES AND BEARINGS SHOWN HEREON ARE PROJECTED (GRID) VALUES BASED ON THE PRECEDING PROJECTION DEFINITION. THE PROJECTION WAS DEFINED SUCH THAT PROJECTED (GRID) DISTANCES ARE EQUIVALENT TO "GROUND" DISTANCES IN THE PROJECT AREA.
 2. GRID BEARINGS SHOWN HEREON (OR IMPLIED BY GRID COORDINATES) DO NOT EQUAL GEODETIC BEARINGS DUE TO MERIDIAN CONVERGENCE.

| | | | |
|--|--------------------|---|----------------------|
| NOV 2013 | NOV 2013 | NOV 2013 | NOV 2013 |
| DRAWN BY: LWH | DESIGNED BY: DD | CHECKED BY: AY | PROJECT NO.: 7519 |
| CITY OF LAS VEGAS | | SCALE: 1"=30' HORZ. 1"=3' VERT. | |
| RYLAND HOMES | | STORM DRAIN PLAN & PROFILE | |
| 2727 SOUTH RAINBOW BOULEVARD LAS VEGAS, NEVADA 89146-5148 PH. (702) 875-7550 FAX (702) 362-2597 WEB WWW.VTNV.COM (702) 360-7500 | | BRISTLE FALLS UNIT 2 | |
| 8825 W. RUSSELL ROAD, SUITE 200 LAS VEGAS, NV 89148 (702) 360-7500 | | CONSULTING ENGINEERS • PLANNERS • LAND SURVEYORS | |
| EXP. 06-30-16 | | AARON M. YAMACHIKA REGISTERED PROFESSIONAL ENGINEER STATE OF NEVADA NO. 15078 | |
| SHEET SD1 | | 9/15/14 | |
| 7 OF 19 SHEETS | | DRAWING NO. 10744994-2 | |