



PROJECT BENCHMARK
PROJECT DATUM: NORTH AMERICAN VERTICAL
DATUM OF 1988 (NAVD88)

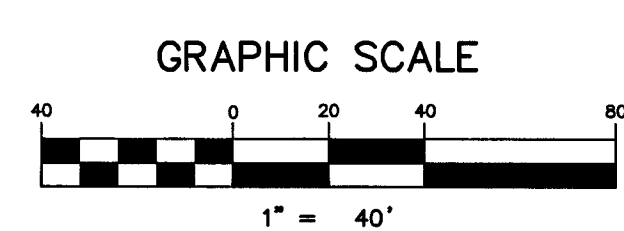
CITY OF LAS VEGAS BENCHMARK: 5LV09.34NE6
2008 ADJUSTMENT (UPDATED 5/24/10) NAVD88
ELEVATION: 1007.197 METERS (3304.45 FEET)

RIVET AND PLATE IN TOP OF CURB AT THE
NORTHEAST CORNER OF DESERT FOOTHILLS AND
ALTA.

BASIS OF BEARINGS
NORTH 89°46'40" EAST - BEING THE BEARING OF
THE NORTH LINE OF SECTION 27, TOWNSHIP 20
SOUTH, RANGE 59 EAST, M.D.M., AS SHOWN BY
THAT PARCEL MAP ON FILE IN THE OFFICE OF
THE COUNTY RECORDER, CLARK COUNTY, NEVADA,
IN FILE 118 OF PARCEL MAPS, AT PAGE 100.

HC RAMP DATA

NO.	"A"	"B"	CASE
1	8.0'	8.0'	1
2	21.5'	4.5'	1
3	15.0'	4.5'	1
4	4.5'	12.0'	1



NOTE
ALL STREETS ARE PRIVATE, PUBLIC UTILITY EASEMENTS
(P.U.E.), PUBLIC DRAINAGE AND PUBLIC SEWER
EASEMENTS TO BE PRIVATELY MAINTAINED BY THE HOA.

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

NOTE
GEOTEK REPORT #1164-LVR6 DATED FEBRUARY 7, 2014
STATES THE SLOPE OF THE GROUND AWAY FROM THE
FOUNDATIONS MAY BE REDUCED TO A MINIMUM OF ONE
UNIT VERTICAL TO 48 UNITS HORIZONTAL (2 PERCENT
SLOPE).

STORMWATER MANAGEMENT NOTES

STANDARD NOTE NO. 1: THE OWNER, SITE DEVELOPER, CONTRACTOR,
AND/OR THEIR AUTHORIZED AGENTS SHALL EACH DAY REMOVE ALL
SEDIMENT, MUD, CONSTRUCTION DEBRIS, OR OTHER POTENTIAL POLLUTANTS
THAT MAY HAVE BEEN DISCHARGED TO, OR ACCUMULATED IN, THE PUBLIC
RIGHTS OF WAY OF CLARK COUNTY, NEVADA AS A RESULT OF
CONSTRUCTION ACTIVITIES ASSOCIATED WITH THIS SITE DEVELOPMENT OR
CONSTRUCTION PROJECT. SUCH MATERIALS SHALL BE PREVENTED FROM
ENTERING THE STORM SEWER SYSTEM.

STANDARD NOTE NO. 2: ADDITIONAL CONSTRUCTION SITE DISCHARGE BEST
MANAGEMENT PRACTICES MAY BE REQUIRED OF THE OWNER AND HIS OR
HER AGENTS DUE TO UNFORESEEN EROSION PROBLEMS OR IF THE
SUBMITTED PLAN DOES NOT MEET THE PERFORMANCE STANDARDS SPECIFIED
IN CLARK COUNTY TITLE 24.40 AND THE LAS VEGAS VALLEY CONSTRUCTION
SITE BMP GUIDANCE MANUAL.

STANDARD NOTE NO. 3: TEMPORARY OR PERMANENT STABILIZATION
PRACTICES WILL BE INSTALLED ON DISTURBED AREAS, AREAS USED FOR STORAGE OF
MATERIALS AND EQUIPMENT THAT ARE EXPOSED TO PRECIPITATION, VEHICLE
ENTRANCE AND EXIT LOCATIONS, AND ALL BMPs WEEKLY, AND WITHIN 24
HOURS AFTER AND RAIN OF 0.5 INCHES OR MORE. THE CONTRACTOR OR
HIS AGENT SHALL UPDATE OR MODIFY THE STORMWATER POLLUTION
PREVENTION PLAN AS NECESSARY. SOME EXCEPTIONS TO WEEKLY
INSPECTIONS MAY APPLY, SUCH AS SUSPENSION OF LAND DISTURBANCE
ACTIVITIES. REFER TO THE NEVADA STORMWATER GENERAL PERMIT FOR
CONSTRUCTION ACTIVITY NVR100000, SECTION III.A.5.

STANDARD NOTE NO. 4: AT A MINIMUM, THE CONTRACTOR OR HIS AGENT
SHALL INSPECT ALL DISTURBED AREAS, AREAS USED FOR STORAGE OF
MATERIALS AND EQUIPMENT THAT ARE EXPOSED TO PRECIPITATION, VEHICLE
ENTRANCE AND EXIT LOCATIONS, AND ALL BMPs WEEKLY, AND WITHIN 24
HOURS AFTER AND RAIN OF 0.5 INCHES OR MORE. THE CONTRACTOR OR
HIS AGENT SHALL UPDATE OR MODIFY THE STORMWATER POLLUTION
PREVENTION PLAN AS NECESSARY. SOME EXCEPTIONS TO WEEKLY
INSPECTIONS MAY APPLY, SUCH AS SUSPENSION OF LAND DISTURBANCE
ACTIVITIES. REFER TO THE NEVADA STORMWATER GENERAL PERMIT FOR
CONSTRUCTION ACTIVITY NVR100000, SECTION III.A.12.

STANDARD NOTE NO. 5: ACCUMULATED SEDIMENT IN BMPs SHALL BE
REMOVED WITHIN SEVEN DAYS AFTER A STORMWATER RUNOFF EVENT OR
PRIOR TO THE NEXT ANTICIPATED STORM EVENT, WHICHEVER IS EARLIER.
SEDIMENT MUST BE REMOVED WHEN BMP DESIGN CAPACITY HAS BEEN
REDUCED BY 50 PERCENT OR MORE.

**FOR ALL GRADING & STREET
SECTIONS SEE SHEET DT1 & DT2**

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
ALL EXISTING UTILITIES ARE SHOWN HEREON. THE
ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT
SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER
LOCATION.

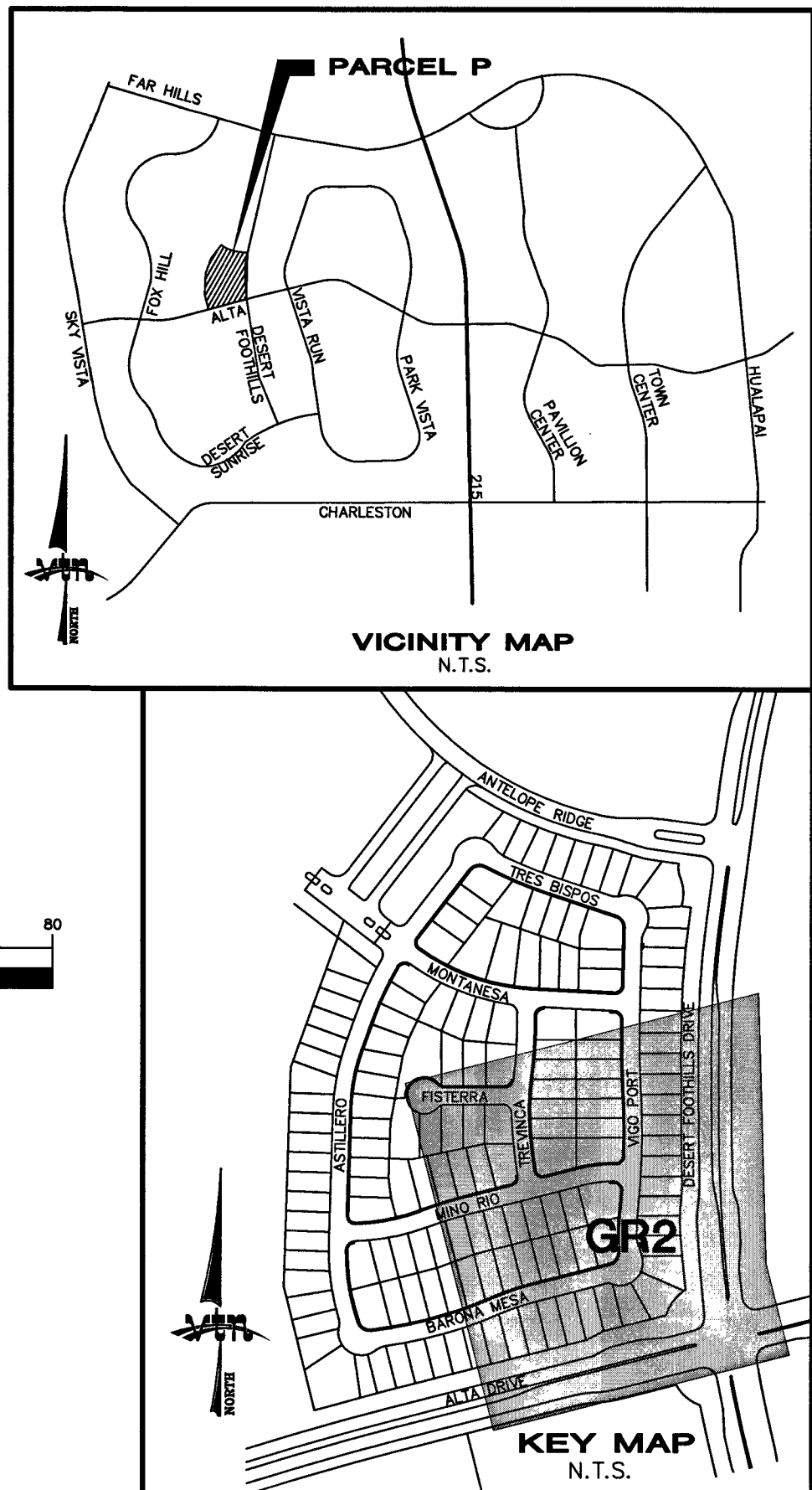


Call before you Dig
Avoid cutting underground
utility lines. It's costly.

Call before you Overhead
Avoid overhead power
line contact. It's costly.

- CONSTRUCTION NOTES**
- ① CONSTRUCT 30" ROLL CURB & GUTTER PER SUMMERLIN STD. DWG. NO. S-48
 - ② CONSTRUCT 4.0' CONCRETE SIDEWALK PER SUMMERLIN STD. DWG. NO. S-72
 - ③ CONSTRUCT CONCRETE CROSS GUTTER SUMMERLIN STD. DWG. NO. S-64
 - ④ CONSTRUCT WHEEL CHAIR RAMP CASE 1 PER STD. DWG. NO. 235
 - ⑤ CONSTRUCT "L" TYPE CURB & GUTTER PER SUMMERLIN STD. DWG. NO. S-47
 - ⑥ CONSTRUCT 5" CURB TRANSITION PER DETAIL ON SHEET DT2
 - ⑦ CONSTRUCT DROP INLET STAMP & SIGN PER STD. DWG. NO. 421
 - ⑧ CONSTRUCT 18" RCP STORM DRAIN
 - ⑨ CONSTRUCT 24" RCP STORM DRAIN
 - ⑩ CONSTRUCT 30" RCP STORM DRAIN
 - ⑪ CONSTRUCT 36" RCP STORM DRAIN
 - ⑫ CONSTRUCT 60" STORM DRAIN MANHOLE
 - ⑬ CONSTRUCT 48" STORM DRAIN MANHOLE
 - ⑭ CONSTRUCT 15" TYPE C-M DROP INLET WITH 5 GRATES PER STD. DWG. NO. 412.1
 - ⑮ CONSTRUCT 10" TYPE C-M DROP INLET WITH 3 GRATES PER STD. DWG. NO. 412.1

Sumnerlin
AARON M. YAMACHIKA, P.E. #15079
DATE: 8/6/15
SHEET: 4 of 22 SHEETS
DRAWING NO.: 107Y5011-3
H #58945



RYLAND HOMES
885 S. ROAD, SUITE 200
LAS VEGAS, NV 89146
(702) 360-7500

CITY OF LAS VEGAS

SUMMERLIN VILLAGE 23B
PARCEL P-SARASOTA
UNIT 3

GRADING PLAN 2

DRAWN BY: MAR 2015
DESIGNED BY: MAR 2015
CHECKED BY: MAR 2015
PROJECT NO: 7623
SCALE: 1"=40' HORIZ.
N.A. VERT.

EXPIRES 06-30-16
PROFESSIONAL ENGINEER STATE OF NEVADA
AARON M. YAMACHIKA
No. 15079

REVISION
REV. DATE BY