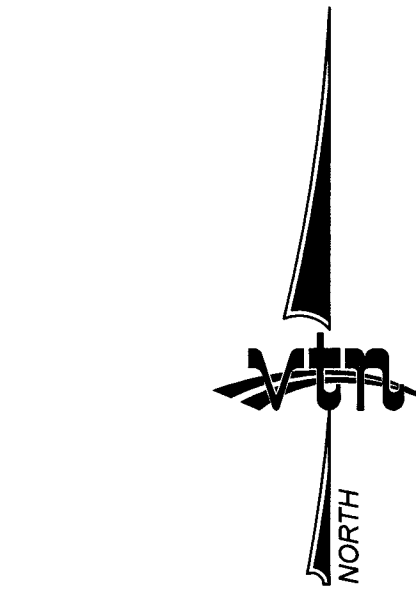
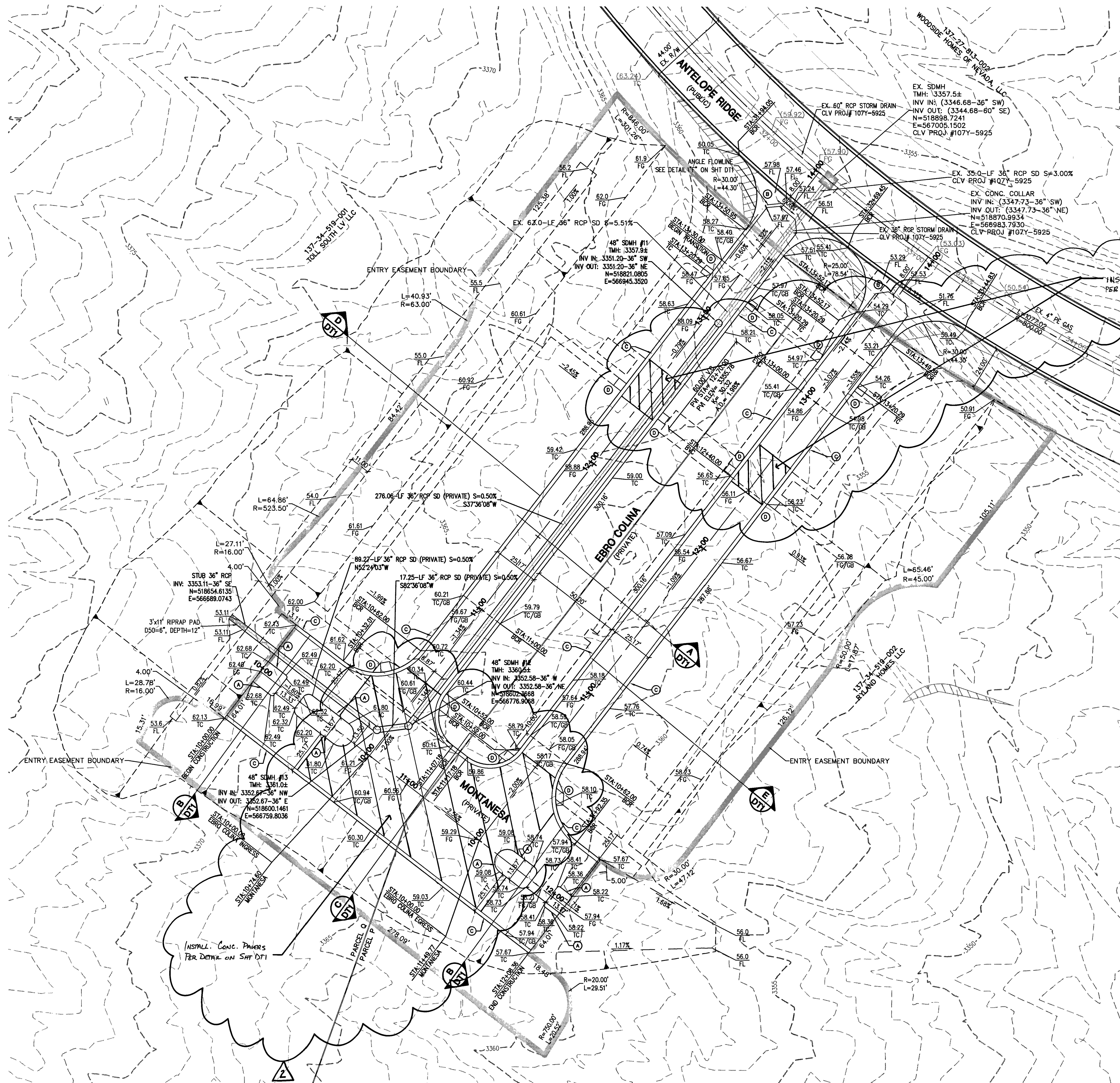


PROJECT BENCHMARK
PROJECT DATUM: NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)
CITY OF LAS VEGAS BENCHMARK: SLV09:34NE6 2008 ADJUSTMENT (UPDATED 5/24/10) NAVD88 ELEVATION: 1007.197 METERS (3304.45 FEET)
RIVET AND PLATE IN TOP OF CURB AT THE NORTHEAST CORNER OF DESERT FOOTHILLS AND ALTA.

BASIS OF BEARINGS
NORTH 89°46'49" 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.

CONSTRUCTION NOTES

- (A) CONSTRUCT "A" TYPE CURB PER SUMMERLIN STD. DWG. NO. S-50
- (B) CONSTRUCT CONCRETE CROSS GUTTER SUMMERLIN STD. DWG. NO. S-64
- (C) CONSTRUCT "L" TYPE CURB & GUTTER PER SUMMERLIN STD. DWG. NO. S-47
- (D) CONSTRUCT SIDEWALK RAMP PER DETAIL G ON DT1

NOTE
FOR DETAILS & SECTIONS REFER TO SHEET DT1.

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

- ALL STREETS ARE PRIVATE. PUBLIC UTILITY EASEMENTS (P.U.E.); PUBLIC DRAINAGE AND PUBLIC SEWER EASEMENTS TO BE PRIVATELY MAINTAINED BY THE HOA.
- ALL ON-SITE STORM DRAINS AND THE ASSOCIATED STORM DRAIN FACILITIES ARE PRIVATELY OWNED AND TO BE PRIVATELY MAINTAINED BY THE HOA.
- ALL DRAINAGE EASEMENTS TO BE PRIVATELY MAINTAINED.

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.

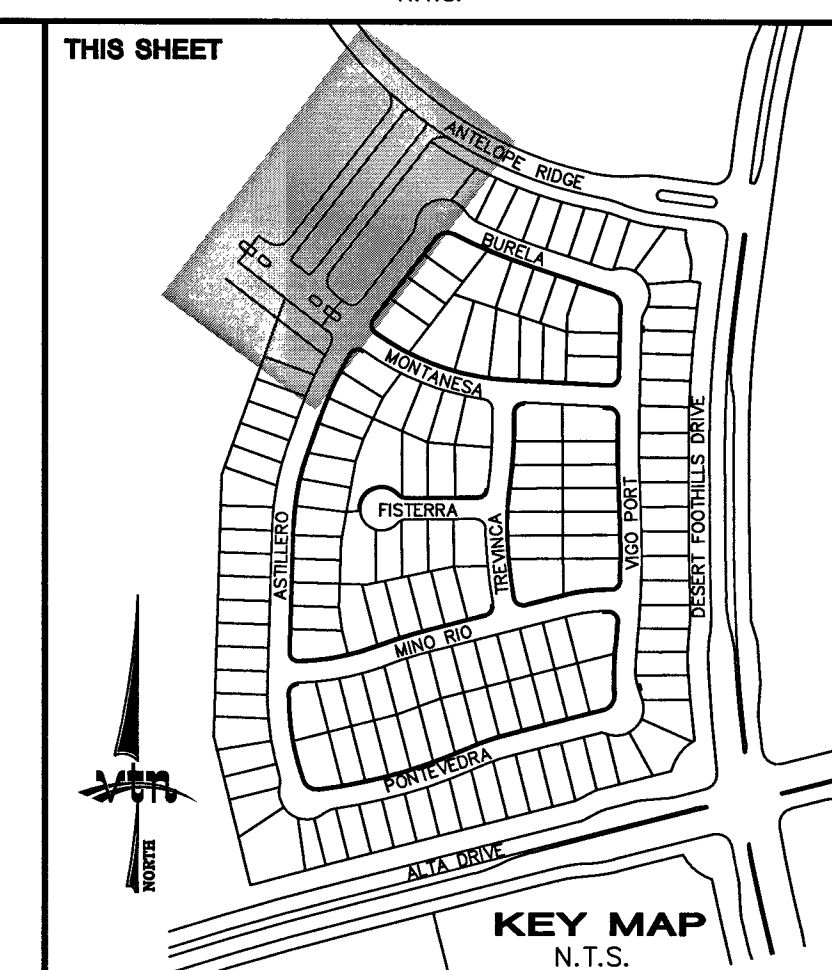
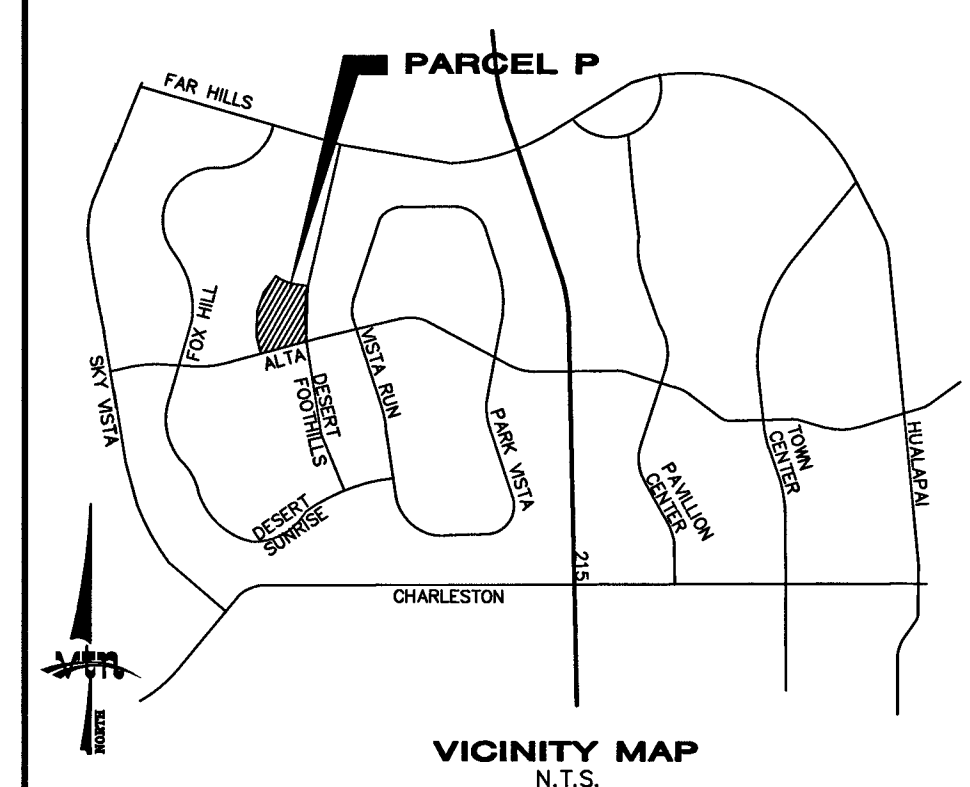
STANDARD NOTE NO. 3: TEMPORARY OR PERMANENT STABILIZATION PRACTICES WILL BE INSTALLED ON DISTURBED AREAS AS SOON AS PRACTICABLE AND NO LATER THAN 14 DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED. SOME EXCEPTIONS MAY APPLY; REFER TO THE NEVADA STORMWATER GENERAL PERMIT FOR CONSTRUCTION ACTIVITY NVRI00000, 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 NVRI00000, 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.

LEGEND

- | | | | |
|--------------------------|---------------------------------|-------|----------------------------------|
| FG | FINISH GRADE | 42.1 | PROPOSED PAD GRADE |
| FL | FLOW LINE | 42.1 | FUT./EXIST. PAD GRADE |
| TC | TOP OF CURB | 0.50% | SLOPE AND FLOW DIRECTION |
| TRC | TOP OF ROLL CURB | | EDGE OF EXIST. A.C. |
| EAC | EDGE OF ASPHALT PAVEMENT | | SAW CUT & MATCH A.C. |
| FUT. | FUTURE | | SIDWALK RAMP |
| EXIST | EXISTING (EX.) | | RETAINING HEIGHT (42 = 4.2 FEET) |
| VG | VALLEY GUTTER | | PAD SWALE SLOPES |
| NG | NATURAL GROUND | | SCARP AREA |
| H.P. | HIGH POINT | 27 | LOT NUMBER |
| L.P. | LOW POINT | 4 | BLOCK NUMBER |
| C/L | CENTER LINE | | |
| O/C | OFFSET CROWN | | |
| BC | BACK OF CURB | | |
| BCR | BEGIN CURB RETURN | | |
| TF | TOP OF FOOTING | | |
| GB | GRADE BREAK | | |
| PC | POINT OF CURVATURE | | |
| PT | POINT OF TANGENCY | | |
| PRC | POINT OF REVERSE CURVATURE | | |
| PCC | POINT OF COMPOUND CURVATURE | | |
| BVC | BEGIN VERTICAL CURVE | | |
| MVC | MID-POINT OF VERTICAL CURVE | | |
| EVC | END VERTICAL CURVE | | |
| PRVC | POINT OF REVERSE VERTICAL CURVE | | |
| VPI | VERTICAL POINT OF INTERSECTION | | |
| TPW | TOP OF PLANTER WALL | | |
| TW | TOP OF RETAINMENT WALL | | |
| TOP | TOP OF CHANNELED SCARP | | |
| TOE | TOE OF CHANNEL/SCARP | | |
| TOB | TOP OF BOX | | |
| PP | POWER POLE | | |
| TRANS. | TRANSITION | | |
| RET. | RETAINMENT | | |
| INT. | INTERSECTION | | |
| D.G. | DESIGN GRADE | | |
| TSW | TOP OF SIDEWALK | | |
| FF | FINISH FLOOR | | |
| GFF | GARAGE FINISH FLOOR | | |
| EX BFE | EXISTING BASE FLOOD ELEVATION | | |
| DEV BFE | DESIGN BASE FLOOD ELEVATION | | |
| R/W | RIGHT-OF-WAY | | |
| S/W | SIDEWALK | | |
| EX. CONTOUR(5' INTERVAL) | | | |
| EX. CONTOUR(1' INTERVAL) | | | |
| PROPOSED CONTOUR | | | |
| CUT | CUT AND FILL TRANSITION LINE | | |
| FILL | | | |



RYLAND HOMES
8925 W. RUSSELL ROAD, STE 200
LAS VEGAS, NEVADA 89148
(702) 360-7500

GRADING PLAN

**SUMMERLIN VILLAGE 23B
PARCEL P & Q SHARED ENTRY**

EXPIRES 06-30-16
PROFESSIONAL ENGINEER STATE OF NEVADA
AARON M. YAMASHIKA
10/14/14

SHEET
GR1
3 OF 11 SHEETS
DRAWING NO.

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

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

Call before you Dig
1-702-455-8000
CLARK COUNTY TRAFFIC OPERATIONS

Call before you Overhead
1-702-227-2600
1-702-455-8000
CLARK COUNTY TRAFFIC OPERATIONS

AARON M. YAMASHIKA P.E. #15079

"I CERTIFY THAT THIS GRADING PLAN IS IN CONFORMANCE WITH THE APPROVED DRAINAGE STUDY ON FILE AT THE CITY OF LAS VEGAS FOR THIS PROJECT." (DS #4676)

H# 55446

10755006-ENT