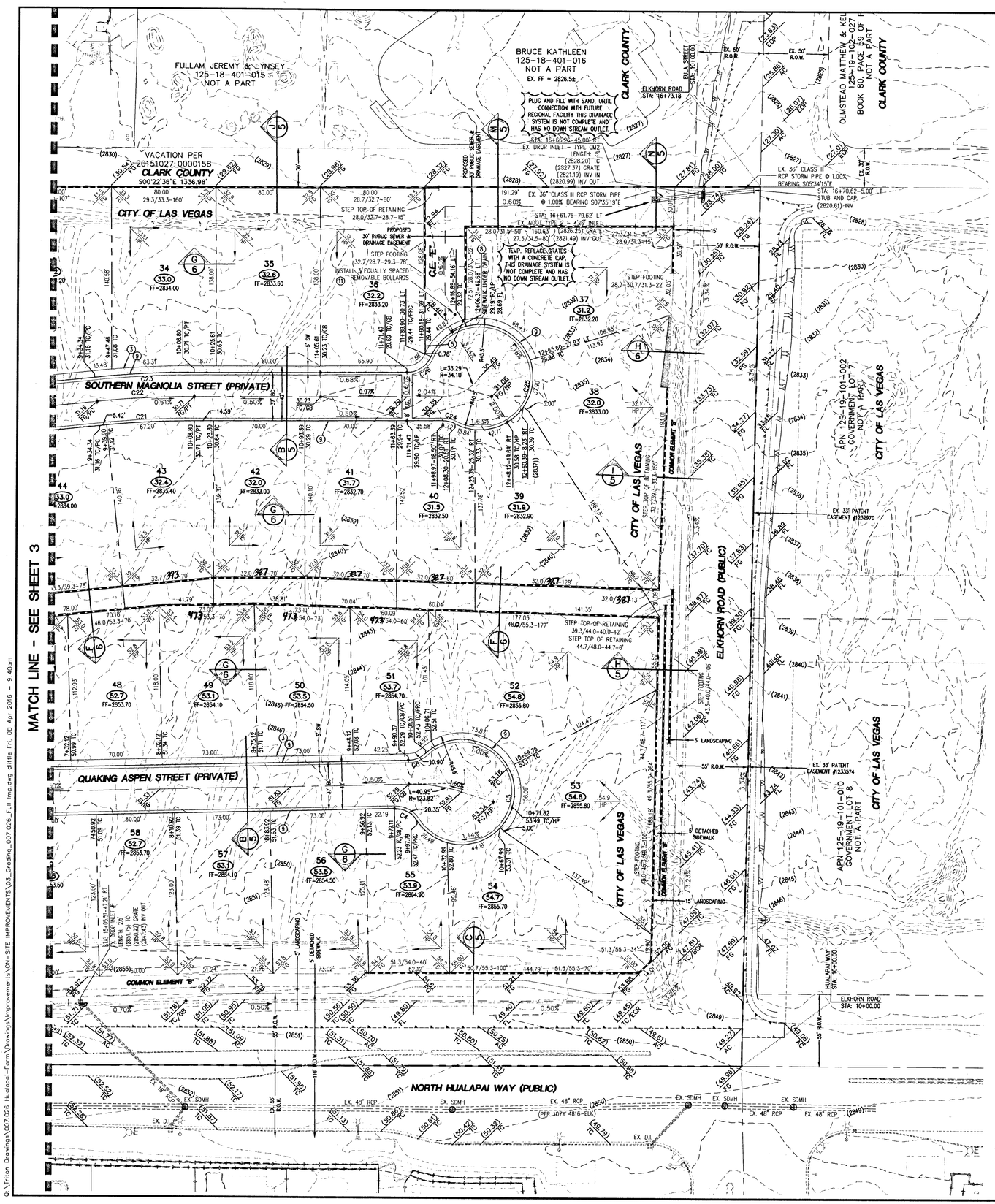


CONSTRUCTION NOTES

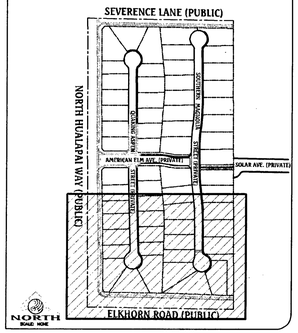
1. CONSTRUCT 8' WIDE VALLEY GUTTER, PER CCAUSD #228.
2. CONSTRUCT "L" TYPE CURB AND GUTTER, PER CCAUSD #216.
3. CONSTRUCT 5' WIDE SIDEWALK, PER CCAUSD #234.
4. CONSTRUCT SIDEWALK RAMPS USING ARMOR TILE TRUNCATED DOMES OR EQUIVALENT, PER CCAUSD #235, CASE I.
5. CONSTRUCT "A" CURB PER CCAUSD #219.
6. SAWCUT AND MATCH EXISTING PAVEMENT
7. CONSTRUCT 3' LONG TRANSITION FROM "L" TYPE CURB TO "R" TYPE CURB
8. CONSTRUCT SIDEWALK UNDERDRAIN, PER CCAUSD #236.
9. CONSTRUCT 24" "R" TYPE CURB AND GUTTER, PER CCAUSD #217.S2
10. CONSTRUCT "R" TYPE CURB AND GUTTER, PER CCAUSD #222 & 224 (LATEST STANDARDS).
11. INSTALL 3 EQUALLY SPACED REMOVABLE BOLLARDS, SEE DETAIL I/6

NORTH

GRAPHIC SCALE
(IN FEET)
1 inch = 40 ft.

CURVE TABLE				
CURVE	DELTA	RADIUS	LENGTH	TANGENT
C1	001°16'23"	2570.88'	57.12'	28.56'
C2	001°16'23"	2552.38'	56.71'	28.36'
C3	001°16'23"	2533.88'	56.30'	28.15'
C4	058°18'00"	20.00'	20.35'	11.15'
C5	279°56'48"	40.50'	197.88'	34.02'
C6	041°38'49"	20.00'	14.54'	7.61'
C7	050°28'44"	20.00'	17.62'	9.43'
C8	280°57'27"	40.50'	198.60'	33.41'
C9	050°28'44"	20.00'	17.62'	9.43'
C10	011°15'00"	181.50'	35.64'	17.88'
C11	011°15'00"	200.00'	39.27'	19.70'
C12	011°15'00"	218.50'	42.90'	21.52'
C13	011°15'00"	218.50'	42.90'	21.52'
C14	011°15'00"	200.00'	39.27'	19.70'
C15	011°15'00"	181.50'	35.64'	17.88'
C16	090°09'31"	20.00'	31.47'	20.06'
C17	089°50'29"	20.00'	31.36'	19.94'
C18	005°58'24"	577.59'	60.22'	30.14'
C19	005°41'18"	588.02'	58.38'	29.21'
C20	005°21'24"	569.52'	53.24'	26.64'
C21	005°41'18"	731.50'	72.62'	36.34'
C22	005°41'18"	750.00'	74.46'	37.26'
C23	005°41'18"	768.50'	76.30'	38.18'
C24	027°50'09"	20.00'	9.72'	4.96'
C25	274°58'43"	40.50'	194.37'	37.13'
C26	067°08'33"	20.00'	23.44'	13.27'
C27	008°00'52"	768.50'	107.50'	53.84'
C28	008°00'52"	750.00'	104.91'	52.54'
C29	008°00'52"	731.50'	102.32'	51.24'
C30	008°00'52"	768.50'	107.50'	53.84'
C31	008°00'52"	750.00'	104.91'	52.54'
C32	005°43'45"	731.50'	73.14'	36.60'
C33	048°05'04"	20.00'	16.78'	8.92'
C34	280°52'40"	40.50'	198.54'	33.46'
C35	052°47'36"	20.00'	18.43'	9.93'

KEY MAP



GRADING NOTES

1. ALL PROPOSED PAD ELEVATIONS AND SWALE ELEVATIONS ARE ROUGH GRADES. ALL OTHER PROPOSED ELEVATIONS ARE FINISHED GRADES.
2. THE GRADING PLANS SHALL BE AT THE PROJECT SITE THROUGHOUT THE COURSE OF CONSTRUCTION.
3. ALL GRADING SHALL BE PERFORMED IN CONFORMANCE WITH THE LINES, GRADES AND DETAILS AS SHOWN ON THESE PLANS. ANY DEVIATION FROM THESE PLANS WILL ONLY BE PERMITTED UPON WRITTEN APPROVAL FROM THE ENGINEER.
4. ALL PADS ARE TO BE GRADED WITHIN ±0.3' OF THE ELEVATIONS AS SHOWN ON THE PLANS. GRADING IS NOT COMPLETE UNTIL THE ENGINEER HAS CERTIFIED THAT THE PADS HAVE BEEN GRADED IN SUBSTANTIAL CONFORMANCE TO THE PLANS.
5. ALL PLACEMENT OF OVERSIZED MATERIALS AND/OR FILL MATERIALS SHALL BE PER THE SOILS REPORT REFERENCED ON THIS PLAN.
6. ADD 2800 TO ALL SPOT GRADES AND TOP OF CURB, FLOW LINE AND FINISH GRADE ELEVATIONS.
7. ALL PRIVATE STREETS ARE P.U.E., PUBLIC SEWER EASEMENTS AND PUBLIC DRAINAGE EASEMENTS TO BE PRIVATELY MAINTAINED BY THE HOA.
8. ALL CURVED CURB LESS THAN 1% MUST BE WATER TESTED BY CONTRACTOR AS REQUIRED BY CITY INSPECTOR.

FLOOD ZONE NOTE

THE PROJECT SITE IS LOCATED ON FEMA FLOOD INSURANCE RATE MAP #3200302145 F. THE SITE IS LOCATED WITHIN DESIGNATED FLOOD HAZARD ZONE X BEING AN AREA DETERMINED TO BE OUTSIDE THE 100 YEAR FLOOD PLAIN.

SOILS INFORMATION

1. SOILS REPORT BY: GEOTEK RESIDENTIAL, LLC
   PROJECT No. 12163-LVR
   DATED: 12/10/15
2. CUT TOTAL: 73,384 C.Y.
   FILL TOTAL: 54,096 C.Y.
   NET: 19,288 C.Y. (CUT)

GRADING LEGEND

- EX. MAJOR CONTOUR
- EX. MINOR CONTOUR
- BOUNDARY LINE
- STREET CENTERLINE
- EDGE OF PAVEMENT
- EXISTING CURB, GUTTER, & SIDEWALK
- PROPOSED CURB, GUTTER, & SIDEWALK
- PROPOSED AC PAVING
- EX. FENCE
- EX. BLOCK WALL
- PROPOSED RETAINING WALL
- 37.3/38.7-12' — TOP OF FOOTING, APPROX. WALL LENGTH, TOP OF RETAINING WALL
- PROPOSED SCARP

Call before you Dig
Avoid cutting underground utility lines. It's costly.
CALL 811 OR 1-800-227-2600

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

FAST Call before you Underground
1-702-432-5300
FREEWAY & ARTERIAL SYSTEM OF TRANSPORTATION

BASIS OF BEARING

NORTH 89°07'00" WEST, BEING THE BEARING OF THE SOUTH LINE OF THE SOUTHWEST QUARTER (SW 1/4) OF THE SOUTHWEST QUARTER (SW 1/4) OF SECTION 18, TOWNSHIP 19 SOUTH, RANGE 60 EAST, M.D.M., CITY OF LAS VEGAS, CLARK COUNTY, NEVADA, AS SHOWN ON THAT CERTAIN MAP ON FILE IN THE CLARK COUNTY RECORDER'S OFFICE IN BOOK 146, PAGE 17 OF PLATS.

BENCHMARK

CITY OF LAS VEGAS BENCHMARK STATION: 6LV90 18SWW6

RIVET & PLATE ON TOP OF CURB AT THE NORTHEAST CORNER OF SEVERENCE LANE AND HUALAPAI WAY.

ELEVATION=870.872 Meters (NAVD'88)
ELEVATION=2857.19 U.S. Survey Feet (NAVD'88)

APPROVED FOR CONSTRUCTION

LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES MANAGER
DATE: 4/26/16 PROJECT No.: 124311

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 #4745E

JAMES M. PEARCE, PE No. 9552 DATE: 4-11-16

10745036

NO.	DESCRIPTION	DATE	APP'D

DATE : 03/16/2016
PM : J. PEARCE
DRAWN BY :
DESIGNED BY :
CHECKED BY :
ADA CHECKED :
JOB NO. : 007.026
SCALE : 1" = 30'

Triton Engineering
6757 W. Charleston Blvd.
Suite B
Las Vegas, Nevada 89146
Office: (702) 254-1480
Fax: (702) 254-3062
www.tritoneng.com

DR HORTON
HUALAPAI / SEVERENCE
GRADING PLAN II

PROFESSIONAL ENGINEER - STATE OF NEVADA
JAMES M. PEARCE
Exp. 12-31-17
CIVIL
No. 9552
4-11-16

SHEET 4 OF 22
C.L.V. DWG.# 63298

PROJ.#:124311 AGR#:115772 QS:125-18-SW XC 11138

Q:\Triton Drawings\007.026 Hualapai-Farm\Drawings\Improvements\ON-SITE IMPROVEMENTS\03_Grading_007.026_Full Imp.dwg, dlittle Fri, 08 Apr 2016 - 9:40am