CURVE TABLE				
CURVE	DELTA	RADIUS	LENGTH	TANGENT
C1	091°07'52"	30.00'	47.72'	30.60'
C2	090°00'00"	30.00'	47.12'	30.00'
C3	090°00'00"	20.00'	31.42'	20.00'
C4	090°00'00"	20.00'	31.42'	20.00'
C5	090°00'00"	20.00'	31.42'	20.00'
C6	090°00'00"	20.00'	31.42'	20.00'
C7	090°00'00"	30.00'	47.12'	30.00'
C8	180°00'00"	3.00'	9.42'	INFINITY
C9	180°00'00"	3.00'	9.42'	INFINITY
C10	180°00'00"	3.00'	9.42'	INFINITY
C11	180°00'00"	3.00'	9.42'	INFINITY
C12	017°08'52"	25.00'	7.47'	3.76'
C13	017°08'52"	25.00'	7.47'	3.76'
C14	010°12'28"	25.00'	4.45'	2.23'
C15	010°12'28"	25.00'	4.45'	2.23'
C16	088°33'55"	30.00'	46.55'	29.43'
C17	058°28'53"	25.00'	38.59'	24.33'
C18	067°17'59"	25.00'	30.09'	23.85'
C19	005°41'18"	750.00'	74.46'	37.26'
C20	005°41'18"	568.02'	56.38'	29.21'
C21	008°00'52"	750.00'	104.91'	52.54'
C22	008°00'52"	750.00'	104.91'	52.54'
C23	011°38'16"	200.79'	40.84'	20.49'
C24	011°15'00"	200.00'	39.27'	19.70'

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
FIBER & ARTERIAL SYSTEM OF TRANSPORTATION

NOTE

STORM DRAIN IMPROVEMENTS IN ELKHORN ROAD CONSTRUCTED PER CLV PLAN DWG #3271296.

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 TYPE CM2 DROP INLET PER CCAUSD #412.1, SEE DETAIL ON SHEET 13
8. STORM WATER STAMP TO BE LOCATED ADJACENT TO EACH DROP INLET PER CCAUSD #421
9. CONSTRUCT MODIFIED NDOT TYPE 2 DROP INLET PER NDOT DWG #R-4.2.1
10. CONSTRUCT SIDEWALK UNDERDRAIN, PER CCAUSD #236
11. CONSTRUCT BUS TURN-OUT PER CCAUSD #234.1
12. CONSTRUCT A PORTION OF 8' WIDE VALLEY GUTTER, PER CCAUSD #228, POUR CONCRETE NEAT TO EXISTING VALLEY GUTTER.
13. CONSTRUCT GATED ENTRY, PER CCAUSD #222.1
14. CONSTRUCT CONCRETE FLUME, PER DETAIL "L" SHEET 6
15. CONSTRUCT "R" TYPE CURB AND GUTTER, PER CCAUSD #222 & 223.
16. EXISTING UTILITIES TO BE ADJUSTED TO GRADE OR RELOCATED. SEE UTILITY PLANS FOR DETAILS.

DRAINAGE QUANTITIES

1.	7.5' LONG CM2 DROP INLET	1 EA
2.	NDOT HEADWALL, PER NDOT DWG #R-2.4.1	3 EA
3.	20" CSOS STORM PIPE	197 LF
4.	SIDEWALK UNDER DRAIN	1 EA
5.	6" THICK 3000 PSI CONCRETE FLUME WITH 6" TYPE II BASE	15 SF
6.	TRASH RACK ASSEMBLY, TYPE AND DESIGN BY OTHERS	1 EA

FOR CLARK COUNTY JURISDICTION ONLY

CLARK COUNTY
DEPARTMENT OF PUBLIC WORKS
DEVELOPMENT REVIEW
Acceptance of plans for filing

By

Acceptance of these plans for filing shall not be construed to be a permit for or an approval of any violation of any of the provisions of the state or county laws and/or specifications. Clark County shall be held free from damages which may result from the construction of the improvements from the engineering design depicted herein.

NOTE: Power poles and/or other existing facilities not in proper location based on proposed improvements shown hereon will be relocated at no expense to Clark County.

JAMES M. PEARCE Exp. 12-31-17 CIVIL No. 9552
8-25-16
FOR REV 3 ONLY

FOR REV B ONLY
KELLY J. WITTWER Expo: 06/30/20 CIVIL No. 10033
7/12/19

KEY MAP

GRADING LEGEND

- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- 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
- TOP OF FOOTING / APPROX. WALL LENGTH / TOP OF RETAINING WALL
- PROPOSED SCARP

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 2700 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. ANY 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 #32003C2145 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: 12/11/14
2. CUT TOTAL: 73,384 C.Y.
   FILL TOTAL: 54,096 C.Y.
   NET: 19,288 C.Y. (CUT)

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: BLV90 18SWW8

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

ELEVATION=870.672 Meters (NAVD'88)
ELEVATION=2857.19 U.S. Survey Feet (NAVD'88)

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. #DS4745 & HTE #15-64198

JAMES M. PEARCE, PE No. 9552 — DATE: 1-27-16

NO.	DESCRIPTION	DATE	APP'D
1	REMOVE SIDEWALK UNDERDRAIN, REVISED TRAFFIC SIGNAL	7/12/19	
		1/27/16	

DATE: 12/7/2015
PM: J. PEARCE
DRAWN BY:
DESIGNED BY:
CHECKED BY:
ADA CHECKED:
JOB NO.: 007.026
SCALE: 1" = 30'

Triton Engineering
8757 W. Charleston Blvd. Suite B
Las Vegas, Nevada 89117
Office: (702) 254-1480
Fax: (702) 254-3362
www.tritonnv.com

DR HORTON
HUALAPAI / SEVERENCE
GRADING PLAN II

PROFESSIONAL ENGINEER — STATE OF NEVADA — JAMES M. PEARCE Exp. 12-31-17 CIVIL No. 9552
1-27-16

SHEET 4 OF 28
C.L.V. DWG. # 107V6546

q:\Triton Drawings\007.026 Hualapai-Farm\Drawings\Improvements\03_Grading_007.026_Imp.dwg dittke Wed, 27 Jan 2016 - 4:29pm