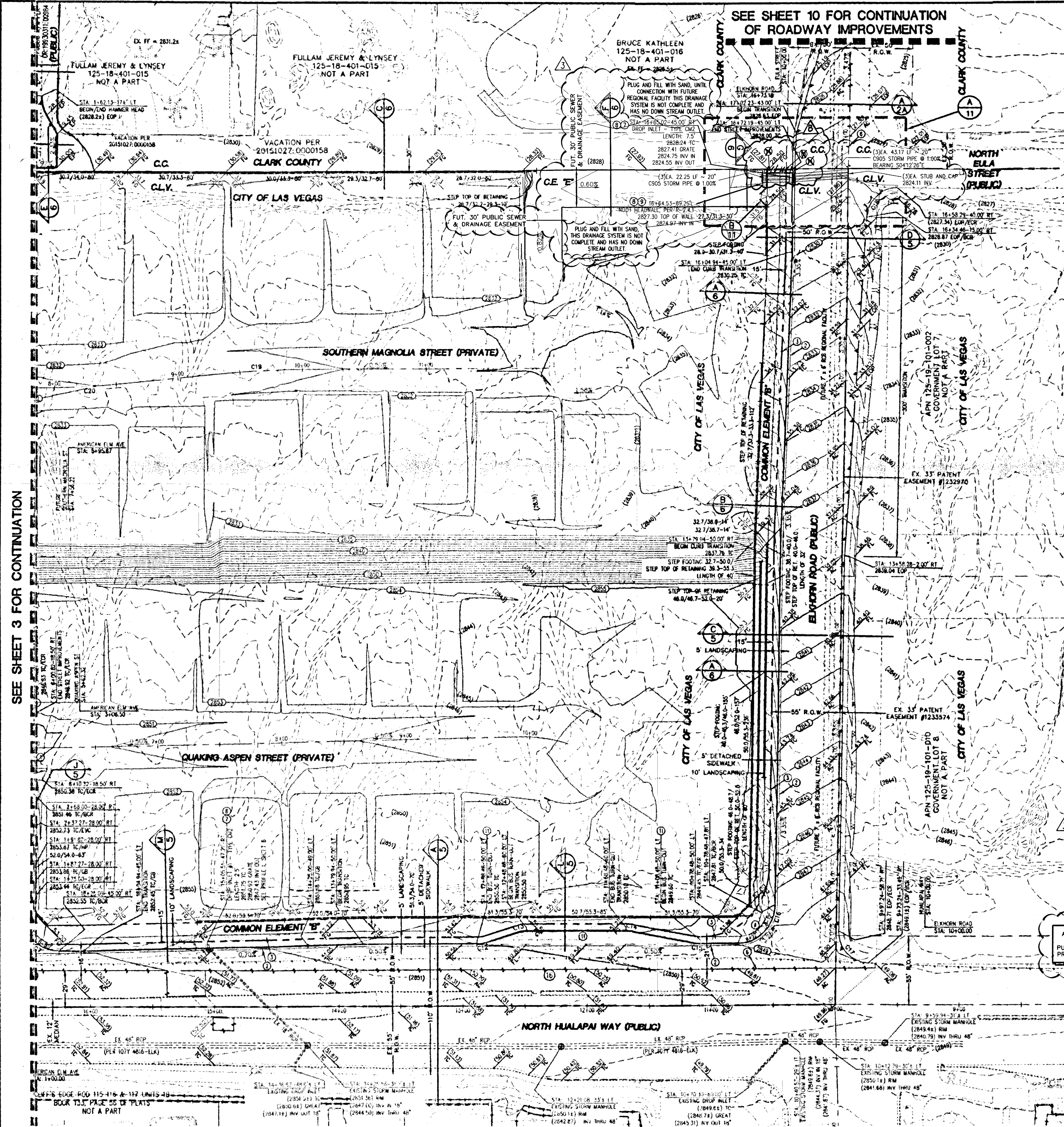


SEE SHEET 3 FOR CONTINUATION

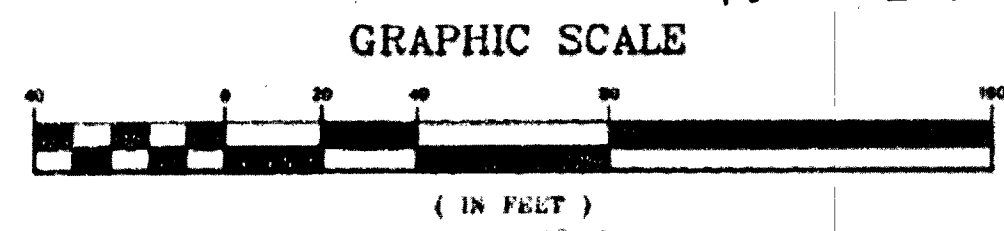
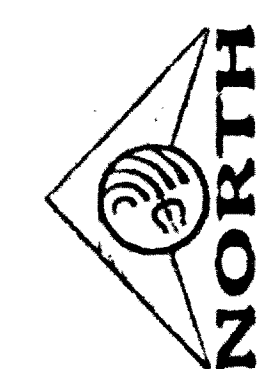


SEE SHEET 10 FOR CONTINUATION OF ROADWAY IMPROVEMENTS

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"	20.00'	31.42'	20.00'
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'	3.78'
C13	017°08'52"	25.00'	7.47'	3.78'
C14	0101°2'28"	25.00'	4.45'	2.23'
C15	0101°2'28"	25.00'	4.45'	2.23'
C16	086°53'55"	30.00'	46.55'	29.43'
C17	098°28'53"	25.00'	38.59'	24.33'
C18	087°17'59"	25.00'	36.09'	23.85'
C19	005°41'18"	750.00'	74.46'	37.26'
C20	005°41'18"	588.02'	58.38'	29.21'
C21	008°00'52"	750.00'	104.91'	52.54'
C22	008°00'52"	750.00'	104.91'	52.54'
C23	011°15'00"	200.79'	40.84'	20.49'
C24	011°15'00"	200.00'	39.27'	19.70'

NOTE
STORM DRAIN IMPROVEMENTS IN ELKHORN ROAD CONSTRUCTED PER CIVIL PLAN DWG #27226.

- ### CONSTRUCTION NOTES
1. CONSTRUCT 8" WIDE VALLEY GUTTER, PER CCAUSD #228.
 2. CONSTRUCT 7" TYPE CURB AND GUTTER, PER CCAUSD #218.
 3. CONSTRUCT 5" WIDE SIDEWALK, PER CCAUSD #234.
 4. CONSTRUCT SIDEWALK RAMP USING ARMOR THE TRUNCATED CONES OR EQUIVALENT, PER CCAUSD #235, CASE 1.
 5. CONSTRUCT "A" CURB PER CCAUSD #219.
 6. SAWCUT AND MATCH EXISTING PAVEMENT.
 7. CONSTRUCT TYPE CM2 DROP INLET PER CCAUSD #121, SEE DETAIL ON SHEET 13.
 8. STORM WATER STAMP TO BE LOCATED ADJACENT TO EACH DROP INLET PER CCAUSD #421.
 9. CONSTRUCT MODIFIED NOT TYPE 2 DROP INLET PER NOT 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 "F" SHEET 8.
 15. CONSTRUCT "B" 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. NOT HEADWALL, PER NOT DWG #R-2.4.1 | 3 EA |
| 3. 20" C905 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 |

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

FOR CLARK COUNTY JURISDICTION ONLY

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

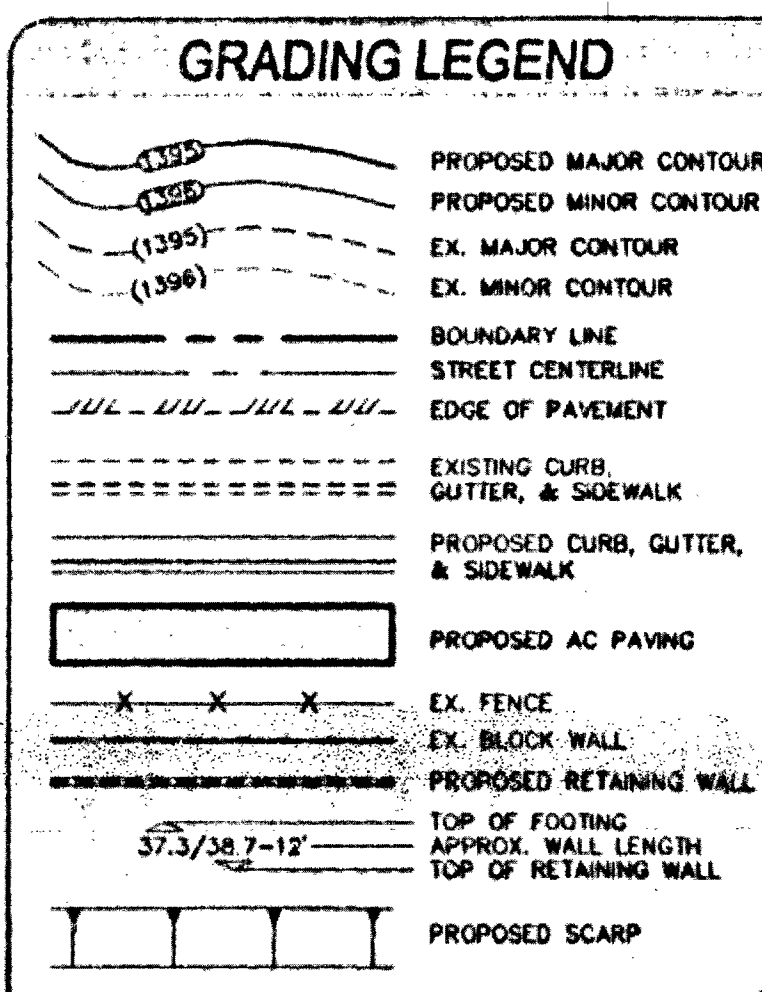
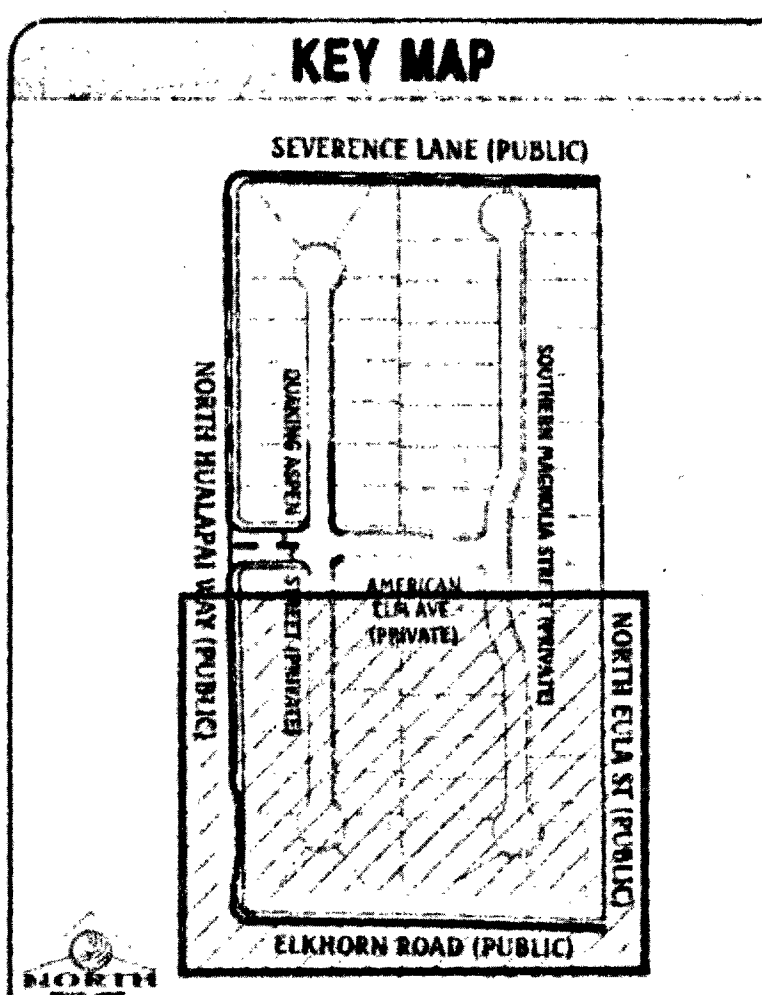
By: *James M. Pearce*
JAMES M. PEARCE
PE 193417
CIVIL
No. 9552

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.

Call before you Dig
Avoid cutting underground utility lines at a 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



- ### 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 30' 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 1/2" 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 #22003C02145 F. THE SITE IS LOCATED WITHIN DESIGNATED FLOOD 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: 54,098 C.Y.
NET: 19,286 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: 8LVR0 185WWS
RIVET & PLATE ON TOP OF CURB AT THE NORTHEAST CORNER OF SEVERENCE LANE AND HUALAPAI WAY.
ELEVATION=870.872 Meters (NAVD'83)
ELEVATION=2857.19 U.S. Survey Feet (NAVD'83)

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 1-27-16
JAMES M. PEARCE, PE No. 9552 DATE: 1/27/2016

DATE: 1/27/2016
PM: 4:00
DRAWN BY: J. HORTON
DESIGNED BY: J. HORTON
CHECKED BY: J. HORTON
JOB NO.: 007 006
JOB NO.: 007 006
SCALE: 1" = 30'

Triton Engineering
Office (702) 254-1880
6757 W. Charleston Blvd.
Suite B
Las Vegas, Nevada 89146
Fax: (702) 254-3562
www.tritoneng.com

DR HORTON / SEVERENCE
HUALAPAI / SEVERENCE
GRADING PLAN II

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

SHEET 4 OF 28
C.L.V. DWG # 107V 6546