

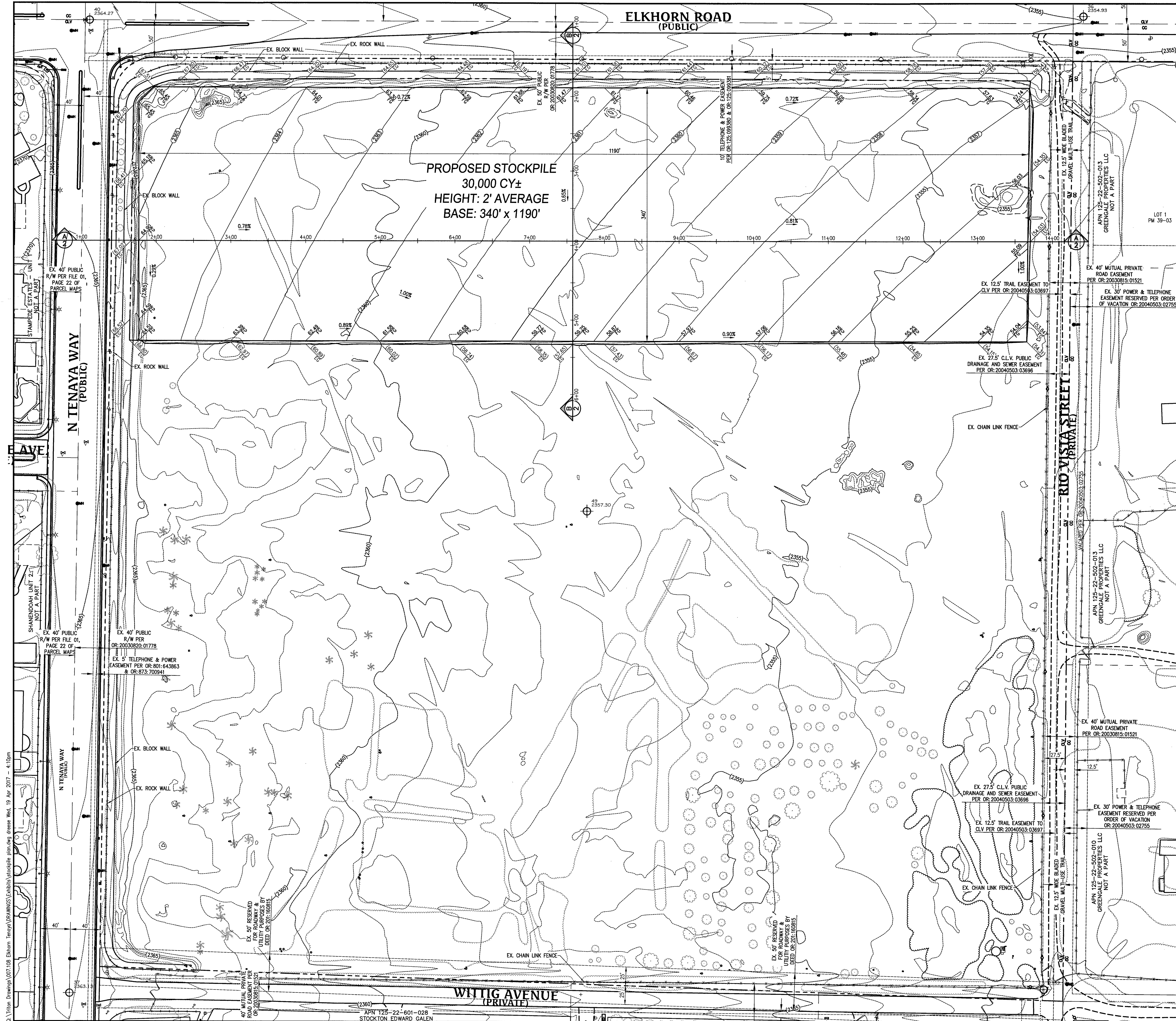


Profile view of the proposed road cross-section. The vertical axis shows elevations from 2350 to 2375 feet. The horizontal axis shows stationing from 5+00 to 1+00. The profile includes the proposed ground centerline, existing ground centerline, and various features like the top of the stockpile, existing rock wall, and street centerline.

Station	Feature	Elevation (ft)
5+00 <td>EG (2357.5) <td>2357.5</td> </td>	EG (2357.5) <td>2357.5</td>	2357.5
5+00 <td>FG (2359.44) <td>2359.44</td> </td>	FG (2359.44) <td>2359.44</td>	2359.44
5+00 <td>Top of Stockpile <td>2359.25</td> </td>	Top of Stockpile <td>2359.25</td>	2359.25
5+00 <td>Top of Stockpile <td>2359.28</td> </td>	Top of Stockpile <td>2359.28</td>	2359.28
5+00 <td>Top of Stockpile <td>2359.50</td> </td>	Top of Stockpile <td>2359.50</td>	2359.50
4+00 <td>EG (2358.2) <td>2358.2</td> </td>	EG (2358.2) <td>2358.2</td>	2358.2
4+00 <td>FG (2360.09) <td>2360.09</td> </td>	FG (2360.09) <td>2360.09</td>	2360.09
3+00 <td>EG (2358.0) <td>2358.0</td> </td>	EG (2358.0) <td>2358.0</td>	2358.0
3+00 <td>FG (2360.74) <td>2360.74</td> </td>	FG (2360.74) <td>2360.74</td>	2360.74
2+00 <td>EG (2358.9) <td>2358.9</td> </td>	EG (2358.9) <td>2358.9</td>	2358.9
2+00 <td>FG (2361.40) <td>2361.40</td> </td>	FG (2361.40) <td>2361.40</td>	2361.40
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10745059-SP



FAST
Call before you
Underground
1-702-432-5300
FREEMAN & ASSOCIATES
SYSTEM OF TRANSPORTATION

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

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

- ### 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.

- ### STOCKPILE NOTES
1. STOCKPILE MATERIALS SHALL CONSIST OF CLEAN EARTH FILL UNLESS OTHERWISE APPROVED BY THE CITY OF LAS VEGAS.
 2. STOCKPILES WITH A HEIGHT OVER 4 FEET, MUST BE PROVIDED WITH TEMPORARY FENCING.

BASIS OF BEARING

NORTH 00°56'37" EAST, BEING THE BEARING OF THE WEST LINE OF THE NORTHEAST QUARTER (NE 1/4) OF SECTION 22, TOWNSHIP 19 SOUTH, RANGE 60 EAST, M.D.M., CLARK COUNTY, NEVADA, AS SHOWN BY MAP THEREOF IN FILE IN THE CLARK COUNTY RECORDER'S OFFICE IN FILE 163, PAGE 26 OF SURVEYS.

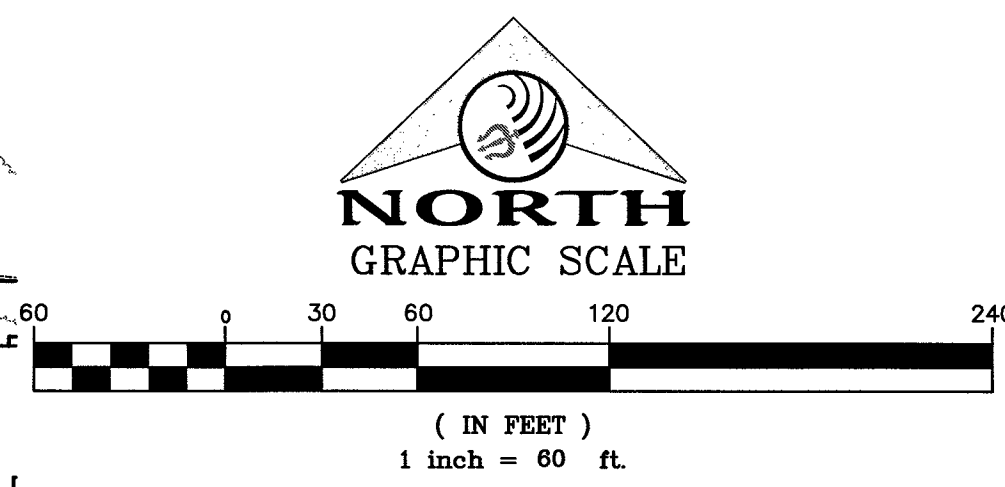
BENCHMARK

CLARK COUNTY BENCHMARK STATION: 6LV90 15SSE6
RIVET AND PLATE IN TOP OF CURB AT THE NORTHWEST CORNER OF RIO VISTA AND ELKHORN ROAD.
ELEVATION = 717.800 METERS (NAVD'88 V.2003)
ELEVATION = 2354.98 US SURVEY FEET (NAVD'88 V.2003)

FLOOD ZONE NOTE

THIS SITE IS LOCATED COMPLETELY WITHIN ZONE X PER FEMA MAP #32003C1765F, PANEL 1765F, DATED NOVEMBER 18, 2011. ZONE X IS DETERMINED TO BE OUTSIDE THE 100-YEAR FLOODPLAIN.

- ### 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
 - TOP OF FOOTING
 - APPROX. WALL LENGTH
 - TOP OF RETAINING WALL
 - PROPOSED SCARP



NOTE: STOCKPILE TO COMPLY WITH THE APPROVED DUST MITIGATION PLAN

DATE : 02/28/2017	PM : J. PEARCE	DRAWN BY :	DESIGNED BY :	CHECKED BY :	ADA CHECKED :	JOB NO. : 007108	SCALE : 1"=60'
Triton Engineering Office: (702) 254-1480 6757 West Charleston Boulevard Suite B Las Vegas, Nevada 89146 www.tritoneng.com							
DR. HORTON ELKHORN 40 STOCKPILE GRADING PLAN							
PROFESSIONAL ENGINEER SEAL KELLY J. WITTWER Exp. 6-30-18 CIVIL No. 10625 4/9/17							
SHEET HWA552 3 OF 3							