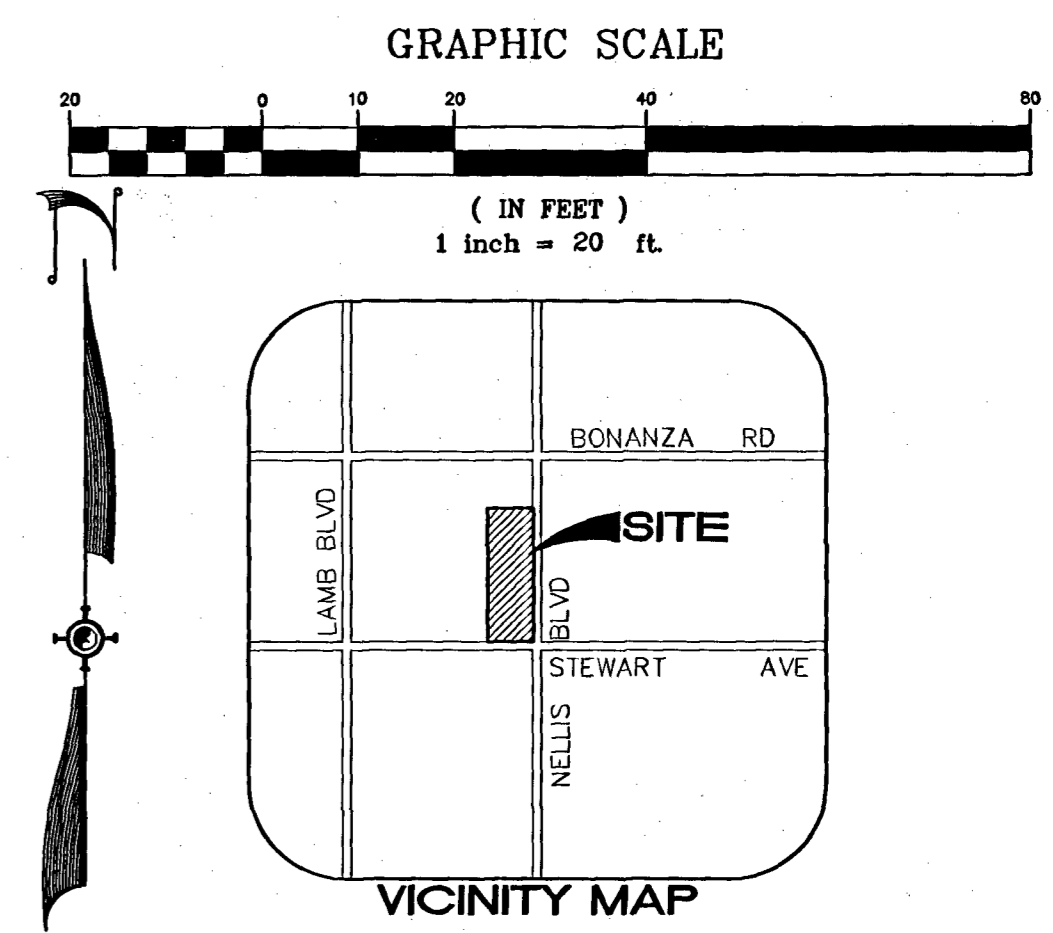


**RAW EARTHWORK QUANTITIES W/ OVER EX.**  
 APPROX. CUT = 26,037 C.Y. EXPORTED DIRT  
 APPROX. FILL = 47,222 C.Y. IMPORT  
 APPROX. NET FILL = 47,222 C.Y. IMPORT

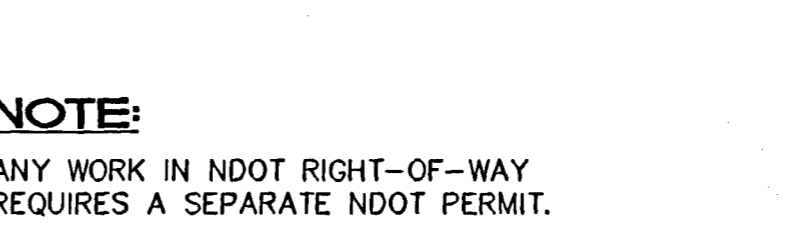
**LEGEND**

- CENTERLINE
- PROPERTY LINE
- RIGHT OF WAY
- - - EXISTING CONTOUR W/ELEVATION
- - - EXISTING CURB & GUTTER
- EXISTING GRADES
- EXISTING STREET LIGHT
- TC TOP OF CURB
- FL FLOW LINE
- AC ASPHALT CONCRETE
- SW SIDEWALK
- PROPOSED GRADE
- FC' ○ FACE OF CURB (AC AND SIDEWALK AT SAME ELEVATION)

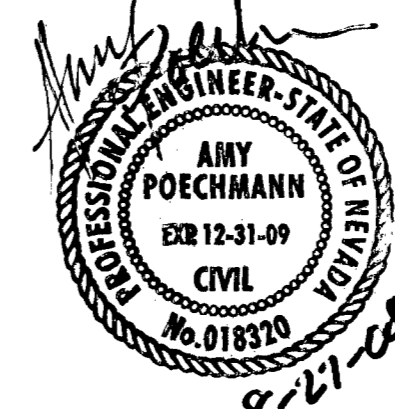


**FLOOD ZONE INFORMATION**  
 The subject site is located within Zone X, as shown on FIRM Community Panel Number 32003C2187, revised September 27, 2002, AND 32003C2195, revised September 27, 2002. Zone X is determined to be outside the 0.2% annual flood plain.

**CURB TRANSITION DETAIL**  
 SCALE: NONE



**NOTE:**  
 ANY WORK IN NDOT RIGHT-OF-WAY REQUIRES A SEPARATE NDOT PERMIT.



CERTIFY THAT THIS GRADING PLAN IS IN CONFORMANCE WITH THE APPROVED DRAINAGE STUDY ON FILE AT THE CITY OF LAS VEGAS FOR THIS PROJECT (054170-1)  
 ROBERT GELU, P.E. #17741 DATE 5-16-09

ITEM	DESCRIPTION	DIST (A)	DIST (B)
A	CONSTRUCT HANDICAP RAMP (CASE II) USING ARMOR TILE TRUNCATED DOMES EQUIVALENT TO C.C.S.D. NO. 235	8.00'	8.00'
B	CONSTRUCT HANDICAP RAMP (CASE II) USING ARMOR TILE TRUNCATED DOMES EQUIVALENT TO C.C.S.D. NO. 235	9.50'	4.50'

**GRADING NOTES**

- ALL GRADING SHALL BE PERFORMED AS SHOWN ON THESE PLANS. NO DEVIATION FROM THESE PLANS IS PERMITTED WITHOUT WRITTEN PERMISSION FROM THE ENGINEER.
- ALL PAD AND ON-SITE SWALE ELEVATIONS SHOWN ON THESE PLANS ARE ROUGH GRADE ONLY. ALL OTHER GRADES ARE FINISHED GRADES.
- A COPY OF THE APPROVED GRADING PLANS ARE TO BE ON THE JOB SITE THROUGHOUT THE ENTIRE COURSE OF CONSTRUCTION.
- ALL GRADING IS TO BE PERFORMED IN CONFORMANCE WITH THE GEOTECHNICAL REPORT AS FOLLOWS:  
 TERRACON  
 PROJ # 64055095  
 DATED 10-11-2004
- NO STRUCTURE, VEGETATION, OR OBJECT OF ANY KIND IS PERMITTED OVER TWENTY-FOUR (24) INCHES IN HEIGHT (MEASURED FROM THE TOP OF THE ADJACENT CURB IF CURB EXISTS) WITHIN THE SIGHT VISIBILITY ZONES.

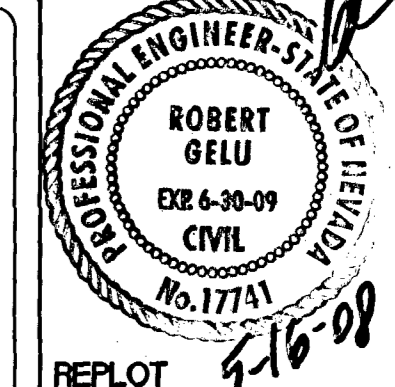
**UTILITY NOTE**

UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

AVOID CUTTING UNDERGROUND POWER LINES. IT'S COSTLY.  
 Call before you dig  
 1-800-227-2600  
 UNDERGROUND SERVICE (USA)

AVOID HITTING OVERHEAD POWER LINES. IT'S COSTLY.  
 Call before you dig  
 1-702-227-2020

AVOID HITTING UNDERGROUND AND STREET LIGHT SYSTEMS.  
 Call before you dig  
 1-702-455-7511  
 CLARK COUNTY PUBLIC WORKS DEPARTMENT  
 1-702-228-0811  
 LAS VEGAS AREA COMPREHENSIVE ZONING SYSTEM



**BASIS OF BEARING**

NORTH 89°21'36" EAST, BEING THE BEARING OF THE SOUTH LINE OF THE SOUTHEAST QUARTER (SE 1/4) OF THE NORTHEAST QUARTER (NE 1/4) OF SECTION 32, TOWNSHIP 20 SOUTH, RANGE 62 EAST, M.D.M., CLARK COUNTY, NEVADA, AS SHOWN BY MAP THEREOF ON FILE IN FILE 58, PAGE 11 OF PARCEL MAPS IN THE CLARK COUNTY RECORDER'S OFFICE, CLARK COUNTY, NEVADA.

**PROJECT BENCHMARK**

CLARK COUNTY BENCHMARK STATION 6002 33W4 BEING A 2" BRASS CAP REFERENCE MONUMENT IN TOP OF CURB AT THE NORTHEAST CORNER OF THE INTERSECTION OF NELLIS BOULEVARD AND STEWART AVENUE, NEAR THE P.C. OF NELLIS BOULEVARD.

PUBLISHED ELEV: 533.6817m (NAVD 88)  
 PUBLISHED CONVERSION FACTOR: m \* 3937/1200 = U.S. SURVEY FEET  
 CONVERTED ELEV: 1750.92 U.S. SURVEY FEET

ITEM	QUANTITY	
	PUBLIC	PRIVATE
1 CONSTRUCT 3" AC OVER 6" TYPE II AB PER SOILS REPORT	N/A	3' AC = 19,792 S.Y. 6" TYPE II = 3,299 C.Y.
2 CONSTRUCT "L" TYPE CURB PER STD DWG NO 216	N/A	1,336 L.F.
3 CONSTRUCT "A" TYPE CURB PER STD DWG NO 219	N/A	2,185 L.F.
4 CONSTRUCT HANDICAP RAMP (CASE II) PER C.C.S.D. NO. 235 (SEE NOTE THIS SHEET)	8 EA.	8 EA.
5 CONSTRUCT 3' WIDE VALLEY GUTTER PER DETAIL	N/A	1,088 L.F.
6 CONSTRUCT VARIABLE WIDTH 4" THICK SIDEWALK PER C.C.S.D. NO. 234	N/A	20,315 S.F.
7 CONSTRUCT 8' WIDE VALLEY GUTTER PER C.C.S.D. NO. 228	2,434 S.F.	N/A
8 CONSTRUCT 5' WIDE 4" THICK SIDEWALK PER C.C.S.D. NO. 234	825 S.F.	N/A
9 CONSTRUCT 2' WIDE SIDEWALK UNDERDRAIN PER C.C.S.D. NO. 238	2 EA.	N/A
10 SAWCUT, TRENCH AND BACKFILL PER C.C.S.D. NO. 504	618 S.Y.	N/A
11 INSTALL CLASS 150 - 6" D <sub>w</sub> 12" RIP RAP	615 S.Y.	N/A
12 CONSTRUCT DEPRESSED CURB PER DETAIL	N/A	1 EA.
13 CONSTRUCT 2' WIDE VALLEY GUTTER PER DETAIL	N/A	1,109.93 L.F.
14 CONSTRUCT CURB TRANSITION PER DETAIL	N/A	N/A
15 INSTALL PRECAST BUMPER BLOCKS PER C.C.S.D. 238	N/A	27 EA.
16 REMOVE AND REPLACE EXISTING "L" TYPE CURB AND GUTTER PER C.C.S.D. 219	146 L.F.	N/A
17 INSTALL TACK ON ISLAND CURB PER C.C.S.D. 220	103 L.F.	N/A

MATCHLINE SEE SHEET C7 OF 26

MATCHLINE SEE SHEET C10 OF 26

111234

**SUMMIT ENGINEERING CORPORATION**  
 385 FLOTT ROAD, SUITE A, LAS VEGAS, NV 89109  
 PHONE (702) 252-3236 FAX (702) 252-3237

DESIGNED BY: ACADRIA  
 DRAWN BY: ACADRIA  
 CHECKED BY: ACADRIA  
 DATE: Copyright SUMMIT ENG 2008

NEVADA  
 CIVIL IMPROVEMENT PLANS FOR STEWART AND NELLIS GRADING PLAN  
 CLARK COUNTY

LAS VEGAS

REV	DATE	DESCRIPTION	BY	APP'D
1	5/09/08	ADJUST STREETLIGHT	STL/LJR	
2	5/09/08	MOVE NORTH NELLIS DIVY NORTH	STL/LJR	
3	5/09/08	EXTEND MEDIAN, UPDATE QUANTITIES	STL/LJR	
4	5/16/09	RELOCATE MONUMENT SIGN	STL/LJR	
5	5/16/09	RELOCATE MONUMENT SIGN	STL/LJR	

SHEET C8 OF 26  
 JOB NO: J730983  
 1-702-228-0811  
 LAS VEGAS AREA COMPREHENSIVE ZONING SYSTEM