

I CERTIFY THAT THE GRADING PLAN IS IN CONFORMANCE WITH THE APPROVED DRAINAGE STUDY ON FILE AT THE CITY OF LAS VEGAS FOR THIS PROJECT DS 3878

*Larry R. Nelson* 2/5/06  
 ENGINEER: LARRY R. NELSON, PE 6182

CITY COUNCIL MEETING OF JULY 20, 2005  
 RELATED TO VAR-6232 AND SDR-6233

4. CONSTRUCT HALF-STREET IMPROVEMENTS ON O'BANNON DRIVE (INCLUDING APPROPRIATE TRANSITION PAVING), MONTE CRISTO WAY, AND EL PARQUE AVENUE ADJACENT TO THIS SITE CONCURRENT WITH DEVELOPMENT OF THIS SITE. ALL EXISTING PAVING DAMAGED OR REMOVED BY THIS DEVELOPMENT SHALL BE RESTORED AT ITS ORIGINAL LOCATION AND TO ITS ORIGINAL WIDTH CONCURRENT WITH DEVELOPMENT OF THIS SITE.

**LEGEND AND ABBREVIATIONS**

AC	ASPHALT CONCRETE	XXX.XXX	CENTERLINE PROPOSED ELEVATION
TC	TOP OF CURB	XXX (XXX.XXX)	EXISTING ELEVATION
FG	FINISH GRADE	XXXX.XXX	EXISTING CONTOUR
FL	FLOW LINE	---	EDGE OF PAVEMENT
EP	EDGE OF PAVEMENT	---	GRADE BREAK
OB	GRADE BREAK	---	SCARP
FF	FINISH FLOOR	---	RETAINING WALL
PAD	PAD GRADE	---	CMU (BLOCK) WALL
BVC	BEGIN VERTICAL CURVE	---	SEWER LINE WITH MANHOLE
EVC	END VERTICAL CURVE	---	EXISTING SEWER LINE WITH MANHOLE
TRW	TOP OF RETAINING WALL	---	FIRE HYDRANT ASSEMBLY
FTF	TOP OF FOOTING	---	EXISTING WATER LINE WITH VALVE
BCR	BACK OF CURB RETURN	---	DIRECTION OF FLOW & SLOPE
TFT	TOP OF FOOTING	---	CONSTRUCTION NOTE
32	LOT NUMBER	---	SIGHT VISIBILITY ZONES (SVZ)
CMU	CONCRETE MASONRY UNIT	---	SAW-CUT AC PAVEMENT AND REMOVE
USD	UNIFORM STANDARD DRAWINGS	---	

**NOTE:**

ALL PRIVATE STREETS ARE PUE, PUBLIC SEWER, LVWMD EASEMENTS AND PUBLIC DRAINAGE EASEMENTS TO BE PRIVATELY MAINTAINED BY HOME OWNERS ASSOCIATION.

**CONSTRUCTION NOTES**

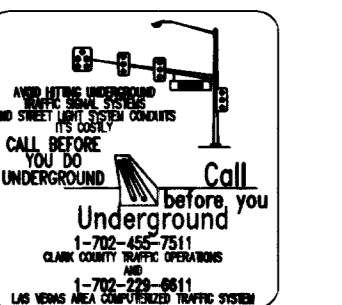
- CONSTRUCT "L" TYPE CURB & GUTTER PER USD NO 216
- CONSTRUCT "A" TYPE CURB PER USD NO 219
- CONSTRUCT 30" ROLL CURB PER USD NO 217A
- CONSTRUCT DEPRESSIONED CURB PER DETAIL 4, SHEET 8
- CONSTRUCT 5" WIDE CONCRETE SIDEWALK PER USD NO 234
- CONSTRUCT SIDEWALK DRAIN PER USD NO 236
- CONSTRUCT CONCRETE FLOUM PER DETAIL 3, SHEET 6
- CONSTRUCT 8" WIDE VALLEY GUTTER PER USD NO 228
- 30" WROUGHT IRON FENCE IN PLACE OF CMU (BLOCK) WALL PER SECTION A-A ON SHEET 7
- CONSTRUCT SIDEWALK RAMPS USING ARMOR TILE TRUNCATED DOMES OR EQUIVALENT PER USD NO 235, CASE 1

**DISCLAIMER NOTE**

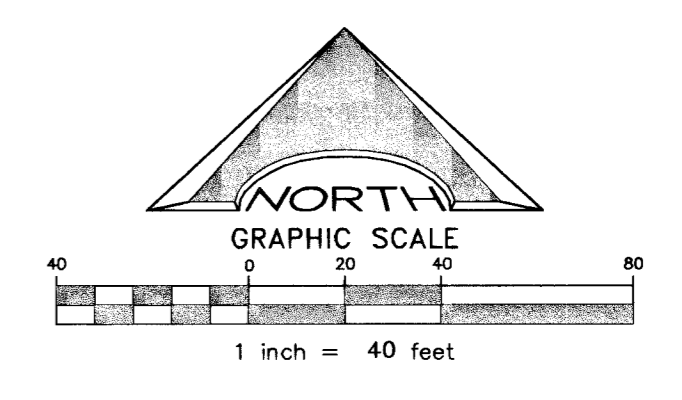
UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND AND OVERHEAD UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN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

Avoid cutting underground utility lines. It's costly. **Call before you Dig** 1-800-227-2600 UNDERGROUND SERVICE (USA)

Avoid overhead power line contact. **Call before you OVERHEAD** 1-702-227-2929 NEVADA POWER ENVIRONMENT AND SAFETY SERVICES DEPARTMENT



FOR REV #2 ONLY  
 10-4-06



10-6-06

2. 10-4-06 **PK-ADDED RETAINING WALLS**

PLASIM HOMES, LLC  
 720 SOUTH FOURTH STREET, SUITE 200  
 LAS VEGAS, NEVADA 89101  
 (702) 3829212

**L. R. NELSON CONSULTING ENGINEERS, INC.**  
 6785 West Russell Road Suite 200  
 Las Vegas, Nevada 89116  
 (702) 798-7978  
 (702) 451-2296 FAX

GRADING PLAN

SHEET

TITLE

MONTE CRISTO / O'BANNON

ASSESSOR'S PARCEL NUMBERS 163-03-302-004, 005, & 006  
 CITY OF LAS VEGAS

SCALE: 1"=40'

PROJECT NO: 136-4-C01-041

DRAWN BY: RJR

DESIGNED BY: RJR

CHECKED BY: C-R

SEAL

LARRY R. NELSON  
 PE 6182  
 CIVIL

SHEET  
 G2  
 9 OF 15 SHEETS

DRAWING NO.  
 107Y 4935