



SEE SHEET G1 FOR MORE INFO

LEGEND

FG	FINISH GRADE	EX. CONTOUR(5' INTERVAL)
FL	FLOW LINE	EX. CONTOUR(1' INTERVAL)
TC	TOP OF CURB	PROPOSED CONTOUR
TRC	TOP OF ROLL CURB	PROPOSED PAD GRADE
EAC	EDGE OF ASPHALT PAVEMENT	(42.1)
FUT.	FUTURE	(42.1)
EXIST	EXISTING (EX.)	0.50%
VG	VALLEY CUTTER	SLOPE AND FLOW DIRECTION
NG	NATURAL GROUND	EDGE OF EXIST A.C.
H.P.	HIGH POINT	SAW CUT & MATCH A.C.
L.P.	LOW POINT	SIDEWALK RAMP
C/L	CENTER LINE	PAD SWALE SLOPES
O/C	OFFSET CROWN	SCARP AREA
BC	BACK OF CURB	LOT NUMBER
BCR	BEGIN CURB RETURN	27
TR	TOP OF FOOTING	4
GB	GRADE BREAK	RETAINING HEIGHT (FEET)
PC	POINT OF CURVATURE	SIGHT VISIBILITY ZONES
PT	POINT OF TANGENCY	PROJECT BOUNDARY LINE
PRC	POINT OF REVERSE CURVATURE	R/W OR P/L
PCC	POINT OF COMPOUND CURVATURE	EXIST. IMPROVEMENTS
BVC	BEGIN VERTICAL CURVE	FUTURE IMPROVEMENTS
MVC	MID-POINT OF VERTICAL CURVE	CENTER LINE
EVC	END VERTICAL CURVE	RETAINING WALL
PRVC	POINT OF REVERSE VERTICAL CURVE	CONC. BLOCK WALL
VPI	VERTICAL POINT OF INTERSECTION	EXIST. CONC. BLOCK WALL
TPW	TOP OF PLANTER WALL	EXIST. DIRT ROAD
TRW	TOP OF RETAINMENT WALL	EXIST. AC
TOE	TOP OF CHANNEL/SCARP	UNIT BOUNDARY
TOB	TOP OF BOX	
PP	POWER POLE	
TRANS.	TRANSITION	
RET.	RETAINMENT	
I.	INTERSECTION	
D.C.	DESIGN GRADE	
TSW	TOP OF SIDEWALK	
FF	FINISH FLOOR	
GTF	GARAGE FINISH FLOOR	
BFE	BASE FLOOD ELEVATION	
R/W	RIGHT-OF-WAY	
S/W	SIDEWALK	

CITY OF LAS VEGAS GRADING NOTES

- IN THE EVENT THAT ANY UNFORSEEN CONDITIONS NOT COVERED BY THESE NOTES ARE ENCOUNTERED DURING GRADING OPERATIONS, THE OWNER/ENGINEER SHALL BE IMMEDIATELY NOTIFIED FOR DIRECTION.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PERFORM ALL NECESSARY CUTS AND FILLS WITHIN THE LIMITS OF THIS PROJECT AND THE RELATED OFF-SITE WORK, SO AS TO GENERATE THE DESIRED SUBGRADE, FINISH GRADES AND SLOPES SHOWN.
- CONTRACTOR SHALL TAKE RESPONSIBILITY FOR ALL EXCAVATION. ADEQUATE SHORING SHALL BE DESIGNED AND PROVIDED BY THE CONTRACTOR TO PREVENT UNDERMINING OF ANY ADJACENT FEATURES OR FACILITIES AND/OR CAVING OF THE EXCAVATION.
- THE CONTRACTOR IS WARNED THAT AN EARTHWORK BALANCE WAS NOT NECESSARILY THE INTENT OF THIS PROJECT. ANY ADDITIONAL MATERIAL REQUIRED OR LEFTOVER MATERIAL FOLLOWING EARTHWORK OPERATIONS BECOMES THE RESPONSIBILITY OF THE CONTRACTOR.
- THE GRADING CONTRACTOR IS RESPONSIBLE TO COORDINATE WITH THE OWNER TO PROVIDE FOR THE REQUIREMENTS OF THE PROJECT STORM WATER POLLUTION PREVENTION PLAN (SWPPP) AND ASSOCIATED.
- CONTRACTOR SHALL GRADE TO THE LINES AND ELEVATIONS SHOWN ON THE PLANS WITHIN THE FOLLOWING HORIZONTAL AND VERTICAL TOLERANCES AND DEGREES OF COMPACTION, IN THE AREAS INDICATED:

NOTE: RETAINING ALL HEIGHTS ARE TO BE DETERMINED USING CONVERSION TABLE BELOW.

TOP OF RETAINING WALL TO BE AT OR ABOVE UPPER PAD ELEVATION.

RETAINING WALL CONVERSION TABLE	
1	0.67'
2	1.33'
3	2.00'
4	2.67'
5	3.33'
6	4.00'
7	4.67'
8	5.33'

HORIZONTAL VERTICAL COMPACTION

A. PAVEMENT AREA SUBGRADE 0.1" +0.0 to -0.1" See Soils Report
 B. ENGINEERING FILL 0.5" +0.0 to -0.1" See Soils Report
 C. OTHER 0.5" +0.0 to -0.1" See Soils Report
 COMPACTION TESTING WILL BE PERFORMED BY THE OWNER OR HIS REPRESENTATIVE.

- ALL CUT AND FILL SLOPES SHALL BE PROTECTED UNTIL EFFECTIVE EROSION CONTROL HAS BEEN ESTABLISHED.
- THE USE OF POTABLE WATER WITHOUT A SPECIAL PERMIT FOR BUILDING OR CONSTRUCTION PURPOSES INCLUDING CONSOLIDATION OF BACKFILL OR DUST CONTROL IS PROHIBITED. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS FOR CONSTRUCTION WATER.
- THE CONTRACTOR SHALL MAINTAIN THE STREETS, SIDEWALKS AND ALL OTHER PUBLIC RIGHT-OF-WAY IN A CLEAN, SAFE AND USABLE CONDITION. ALL SPILLS OF SOIL, ROCK OR CONSTRUCTION DEBRIS SHALL BE PROMPTLY REMOVED FROM ALL THE PUBLICLY OWNED PROPERTY DURING CONSTRUCTION AND UPON COMPLETION OF THE PROJECT. ALL ADJACENT PROPERTY, PRIVATE OR PUBLIC SHALL BE MAINTAINED IN A CLEAN, SAFE AND USABLE CONDITION.
- IN THE EVENT THAT ANY TEMPORARY CONSTRUCTION ITEM IS REQUIRED THAT IS NOT SHOWN ON THESE DRAWINGS, THE OWNER AGREES TO PROVIDE AND INSTALL SUCH ITEM AT HIS OWN EXPENSE AND AT THE DIRECTION OF THE CITY ENGINEER. TEMPORARY CONSTRUCTION INCLUDES DITCHES, BERMS, ROAD SIGNS AND BARRICADES, ETC.

BENCHMARK
 PROJECT DATUM: NAVD88
 CITY OF LAS VEGAS BENCHMARK 11V90-13NES
 NAVD88 ELEVATION: 710.9808 METERS (2332.54 FEET)
 ONLY BM 413148, DECATUR BLVD & GRAND TETON DRIVE
 100' SW OF SECTION CORNER, NEXT TO METAL POWER POLE

BASIS OF BEARINGS
 THE BASIS OF BEARINGS FOR THIS PROJECT IS GRID NORTH AS DEFINED BY THE NEVADA COORDINATE SYSTEM OF 1983 (NCS83), EAST ZONE, (2701), DETERMINED BY CLARK COUNTY GIS CONTROL POINTS 802, 803, 804, AND 805, AS SHOWN ON A RECORD OF SURVEY ON FILE IN THE CLARK COUNTY, NEVADA, RECORDER'S OFFICE, IN BOOK 88 OF SURVEYS, AT PAGE 53.

Call before you Overhead 1-702-593-6111
 Call before you Dig 1-800-227-2600

KB HOME
 750 PILOT ROAD, SUITE F
 LAS VEGAS, NV 89119
 (702) 614-2500

PERIMETER WALL PLAN

IRON MOUNTAIN RANCH VILLAGE 8 UNIT 1

CITY OF LAS VEGAS
 2727 SOUTH RAINBOW BOULEVARD LAS VEGAS, NEVADA 89146-5148
 PH. (702) 873-7550 FAX (702) 862-2597

nevada CONSULTING ENGINEERS & PLANNERS • LAND SURVEYORS

PROFESSIONAL ENGINEER
 KENNETH F. NEWBOLSON
 CIVIL
 No. 0538
 EXPIRES 12-31-03

DRAWN BY: R.M.S.
 DESIGNED BY: RNS
 CHECKED BY: M.F.N.
 PROJECT NO: 6027-01

MAR '02
 MAR '02
 MAR '02

SCALE: 1"=40' HORIZ.
 NA VERT.

SHEET
G4
 10 OF 20 SHEETS
 DRAWING NO.
 107Y-4604-B-1