

LEGEND

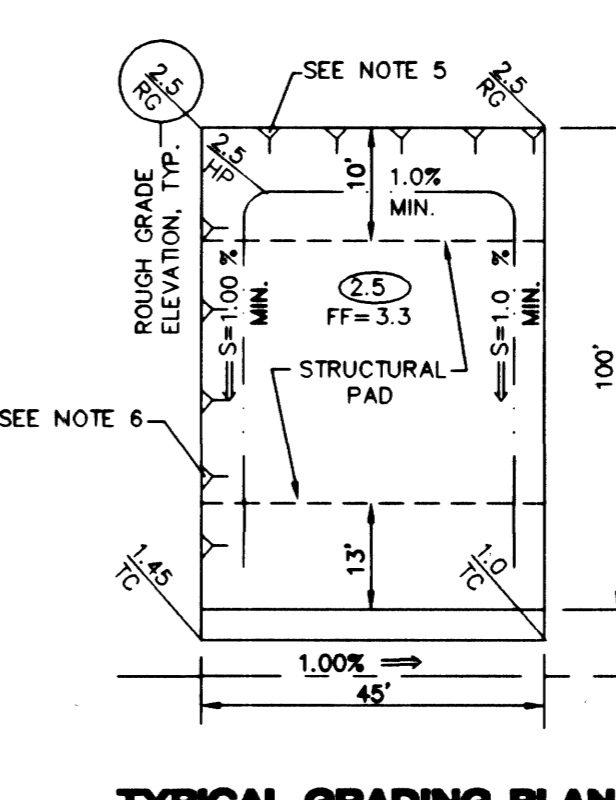
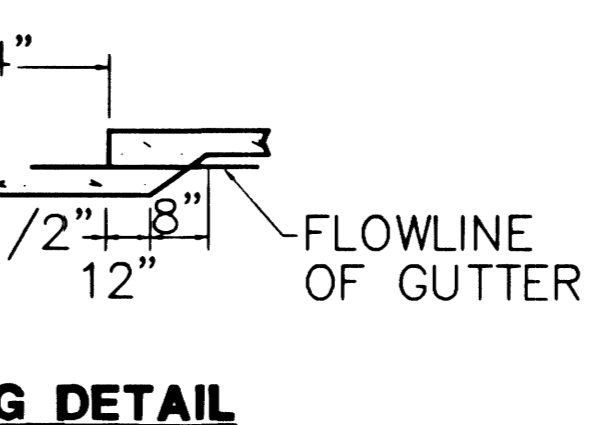
FG	FINISH GRADE	EX. CONTOUR(5' INTERVAL)
FL	FLOW LINE	EX. CONTOUR(1' INTERVAL)
FLC	TOP OF CURB	PROPOSED CONTOUR
TRC	TOP OF ROLL CURB	PROPOSED PAD GRADE
EAC	EDGE OF ASPHALT PAVEMENT	
FUT.	FUTURE	
EXIST.	EXISTING (EX.)	FUT./EXIST. PAD GRADE
VG	VALLEY GUTTER	SLOPE AND FLOW DIRECTION
NAT.	NATURAL GROUND	EDGE OF EXIST. A.C.
H.P.	HIGH POINT	SAW CUT & MATCH A.C.
L.P.	LOW POINT	SIDEWALK RAMP
C/L	CENTER LINE	
OFF.	OFFSET CROWN	
BC	BACK OF CURB	PAD SWALE SLOPES
BCR	BEGIN CURB RETURN	SCARP AREA
TF	TOP OF FOOTING	LOT NUMBER
GB	GRAB BREAK	
PC	POINT OF CURVATURE	
PT	POINT OF TANGENCY	
INT.	INTERSECTION	
PVC	POINT OF VERTICAL CURVATURE	
BVC	BEGIN VERTICAL CURVE	
MVC	MID-POINT OF VERTICAL CURVE	
END	END VERTICAL CURVE	
PRVC	POINT OF REVERSE VERTICAL CURVE	
VPI	VERTICAL POINT OF INTERSECTION	
TOP	TOP OF RETAINMENT WALL	
TRW	TOP OF CHANNEL/SCARP	
TOE	TOE OF CHANNEL/SCARP	
PP	POWER POLE	
TRANS.	TRANSITION	
RET.	RETAINMENT	
INT.	INTERSECTION	
D.G.	DESIGN GRADE	
TSW	TOP OF SIDEWALK	
FF	FINISH FLOOR	
GF	GARAGE FINISH FLOOR	
BEF	BASE FLOOR ELEVATION	
R/W	RIGHT-OF-WAY	
S/W	SIDEWALK	
		RETAINING WALL
		CONC. BLOCK WALL
		EXIST. CONC. BLOCK WALL
		EXIST. DIRT ROAD
		EXIST. AC
		CONSTRUCTION PHASE LINE
		UNIT BOUNDARY LINE
		MATCHLINE

SIDEWALK RAMP TABLE
PER STD. DWG 235 CASE I

NO.	DIM "A"	DIM "B"	CASE
1	8.0'	8.0'	1
2	4.5'	12.0'	1

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'



- 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 PERFORMED FOR THIS PROJECT. ANY ADJACENT 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:

HORIZONTAL VERTICAL COMPACTION

PAVEMENT AREA	SUBGRADE	0.1' +	+0.01 to -0.1'
A. PAVEMENT AREA	SUBGRADE	0.1' +	+0.01 to -0.1'
B. ENGINEERING FILL	0.5' +	+0.1 to -0.1'	See Soils Report

COMPACTION TESTING WILL BE PERFORMED BY THE OWNER OR HIS REPRESENTATIVE.

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

KEN NICHOLSON P.E. No. 10539 DATE 11.16.02

Call before you Overhead 1-702-593-6111

Call before you Dig 1-800-227-2600

PROJECT BENCHMARK
PROJECT DATUM: NAVD88
CITY OF LAS VEGAS BENCHMARK 1LV90-13NES
NAVD88 ELEVATION: 710.9608 METERS (2332.54 FEET)
ONLY 5M 413148, DECATUR BLVD. & GRAND TETON DR. 100' SW OF SECTION CORNER NEXT TO METAL POWER POLE.
NAVD 88 ELEV=710.953 METERS (2332.52 FEET)
1" DIAMETER CONCRETE MONUMENT 77 FEET SOUTH & 54 FEET WEST OF N.E. CORNER SEC. 13T19R60E 10' EAST OF LARGE 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.

CONTRACTOR NOTE:
CONTRACTOR SHALL VERIFY HORIZONTAL AND VERTICAL LOCATION OF EXISTING UTILITIES AND NOTIFY THE DESIGN ENGINEER IMMEDIATELY OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.

KB HOME
750 PIGOT ROAD, SUITE 7
LAS VEGAS, NV 89119
(702) 814-2500

IRON MOUNTAIN RANCH VILLAGE 4 UNIT 1

GRADING PLAN

DRAWN BY: FPR / KOS
DESIGNED BY: R.M.S.
CHECKED BY: KPN
PROJECT NO: 5918-1

NOV. '01
NOV. '01
NOV. '01

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

KENNETH NICHOLSON
REGISTERED PROFESSIONAL ENGINEER
NO. 10539

SHEET 8 OF 28 SHEETS
DRAWING NO. 107Y-4604-4-1

CITY OF LAS VEGAS
2727 SOUTH RAINBOW BOULEVARD LAS VEGAS, NEVADA 89146-9148
PH. (702) 873-7550 FAX (702) 362-2597
CONSULTING ENGINEERS • PLANNERS • LAND SURVEYORS