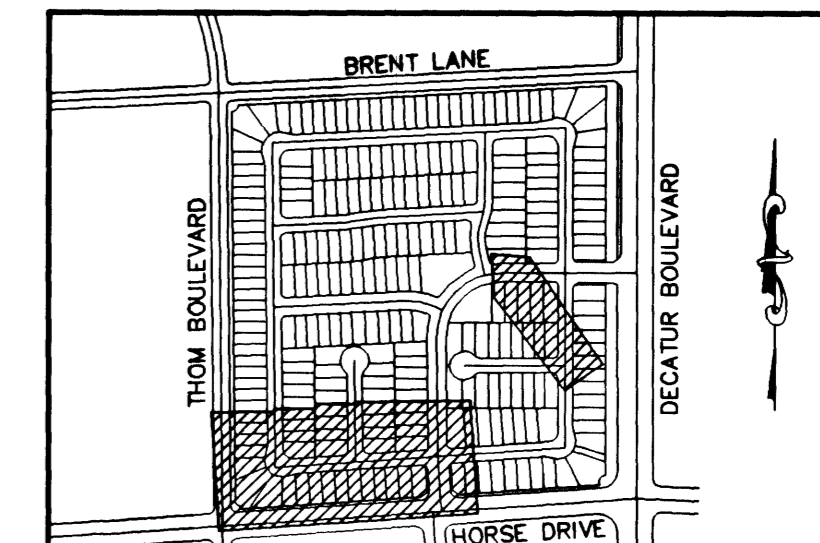
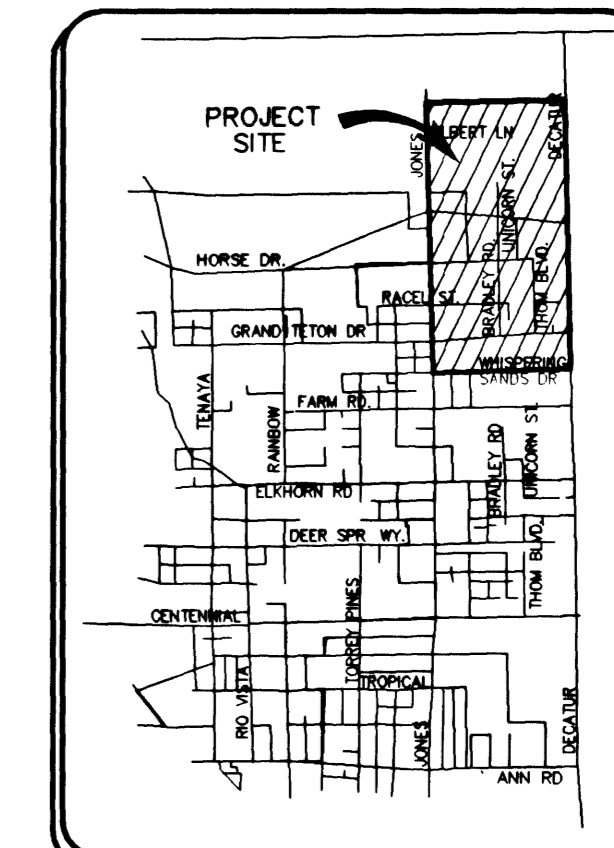


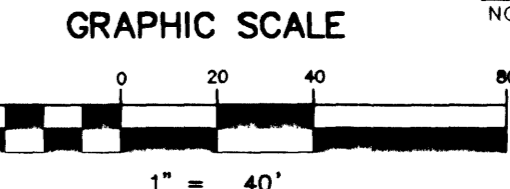
MATCHLINE - SEE SHEET G1 FOR CONTINUATION



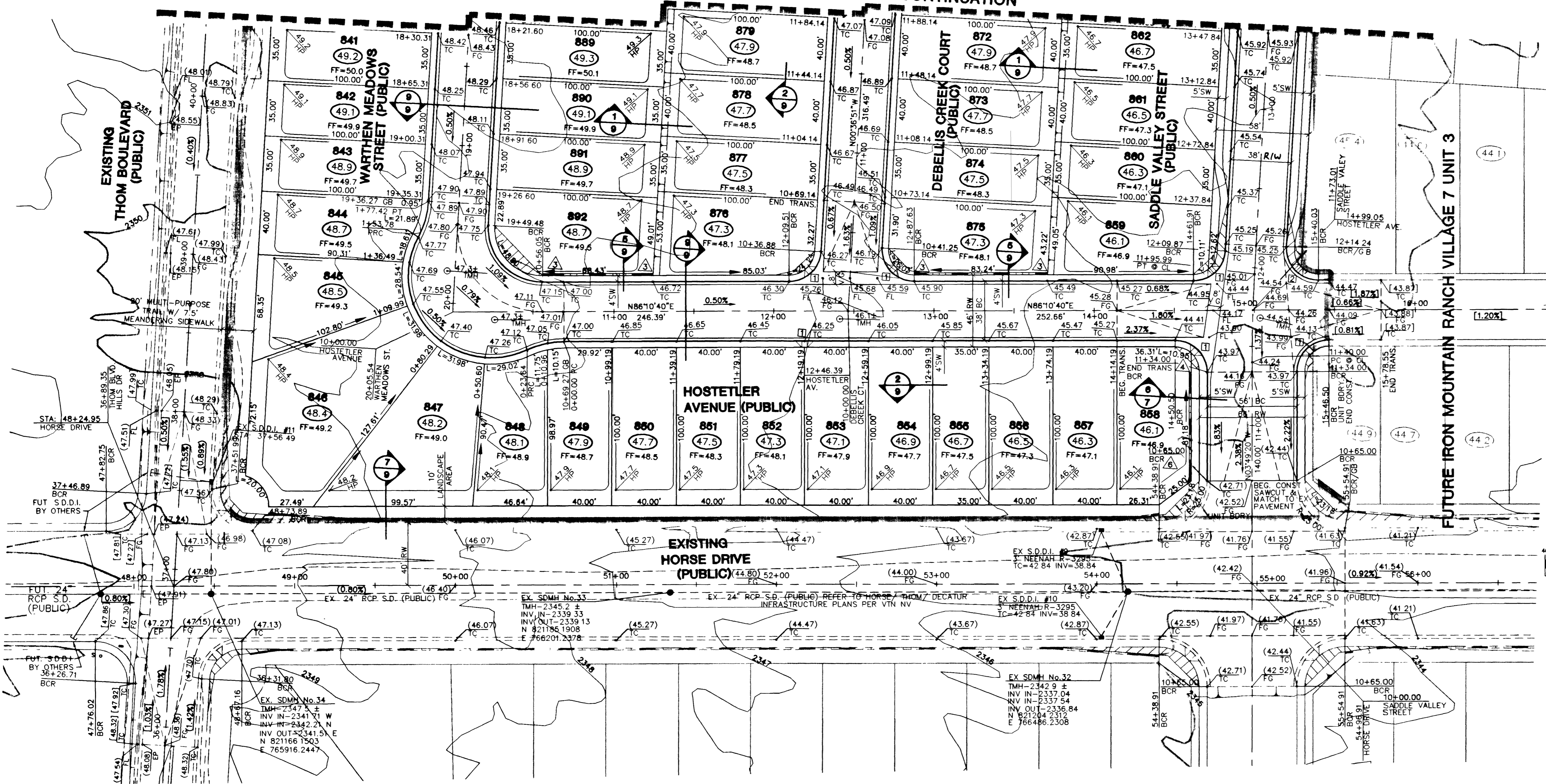
VILLAGE 7 - KEY MAP  
NOT TO SCALE



LOCATION MAP  
NOT TO SCALE



GRAPHIC SCALE  
1" = 40'



**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:

HORIZONTAL	VERTICAL COMPACTION
A. PAVEMENT AREA SUBGRADE 0.1+ 0.0' to -0.1'	See Soils Report B. ENGINEERING FILL 0.5+ +0.1' to -0.1'

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 T E PUBLICLY OWNED PROPERTY DURING CONSTRUCTION AND UPON COMPLETION OF THE PROJECT. ALL DUSTY 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, BARRIERS, ROAD SIGNS AND BARRICADES, ETC.

**LEGEND**

8	LOT NUMBER	VG	VALLEY GUTTER
B	BLOCK NUMBER	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
CONCRETE BLOCK WALL		BC	BACK OF CURB
RETAINING WALL		BCR	BEGIN CURB RETURN
EXISTING WALL		EX	EXISTING
PROPOSED PAD GRADE		GB	GRADE BREAK
EX. FUTURE PAD GRADE		PC	POINT OF CURVATURE
SCARP AREA		PRC	POINT OF REVERSE CURVATURE
SIDEWALK RAMP		PCC	POINT OF COMPOUND CURVATURE
PAD SLOPES		BVC	BEGIN VERTICAL CURVE
DIRECTION & RATE OF SLOPE		MVC	MID-POINT OF VERTICAL CURVE
		EVC	END VERTICAL CURVE
		PRVC	POINT OF REVERSE VERTICAL CURVE
		PT	POINT OF TANGENCY
		NG	NATURAL GROUND
		FG	TOP OF FOOTING

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'

**SIDEWALK RAMPS TABLE**  
PER STD. DWG 235 CASE 1

NO.	DIM "A"	DIM "B"	CASE
1	8.0'	8.0'	I
2	9.5'	4.5'	I

**BASIS OF BEARINGS**

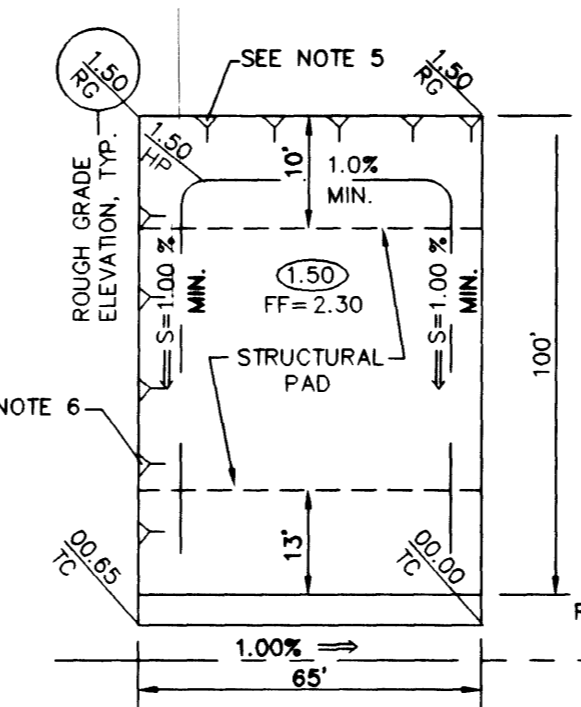
THE BASIS OF BEARINGS FOR THIS PROJECT IS GRID NORTH AS DEFINED BY THE NEVADA COORDINATE SYSTEM OF 1983 (NCS83), EAST ZONE, (2701), DETERMINED BY CLARK COUNTY GIS CONTROL POINTS 802, 803, 804 AND 805, AS SHOWN ON A RECORD OF SURVEY ON FILE IN THE CLARK COUNTY, NEVADA, RECORDER'S OFFICE, IN BOOK 88 OF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

**PROJECT BENCHMARK**

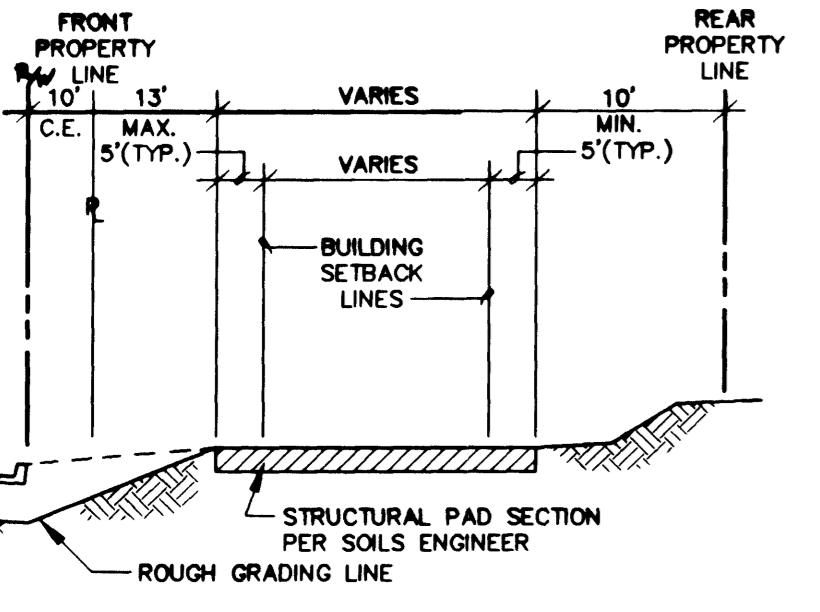
PROJECT DATUM: NAVD88  
CITY OF LAS VEGAS BENCHMARK 11V90-13NES NAVD88 ELEVATION: 710.9608 METERS (2332.54 FEET)  
ONLY BM 413148 NAVD 88 ELEV=710.953 METERS (2332.52 FEET) 12" DIAMETER CONCRETE MONUMENT 7.7 FEET SOUTH & 5.4 FEET WEST OF N.E. CORNER SEC. 13T19R60E 10" EAST OF LARGE POWER POLE.

**NOTES:**

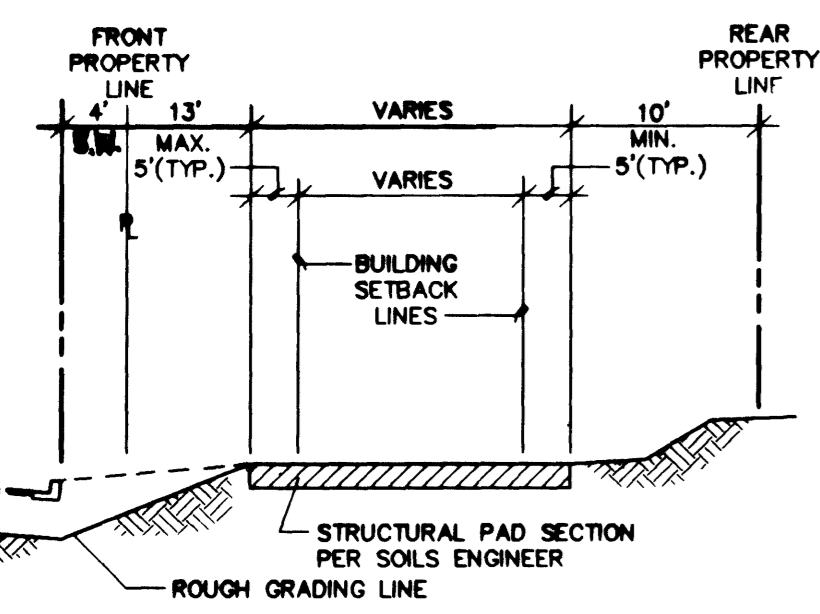
- STRUCTURAL PAD SHALL BE 5' BEYOND BLDG. SETBACK SEE TYPICAL GRADING SECTION.
- REFER TO GENERAL NOTE 1.
- REAR LOT CORNER GRADES ARE EQUAL TO ADJACENT LOTS UNLESS SHOWN OTHERWISE.
- MINIMUM SIDEYARD X-SLOPE SHALL BE 2%.
- MAXIMUM REAR YARD SLOPE IS 2:1 AS SHOWN, EXCEPT THAT WITHIN 15' OF THE HOUSE, THE MAXIMUM SLOPE IS 12:1.
- MAXIMUM SIDEYARD SLOPE IS 5:1 AS SHOWN EXCEPT THAT WITHIN 5' OF THE HOUSE, THE MAXIMUM SLOPE IS 12:1. MINIMUM 1% DRAINAGE AWAY FROM BUILDING PAD.



TYPICAL GRADING PLAN



TYPICAL GRADING SECTION  
STANDARD SINGLE FAMILY DETACHED - NO SCALE  
LOTS 859 TO 867, 883 TO 916 AND 990



TYPICAL GRADING SECTION  
STANDARD SINGLE FAMILY DETACHED - NO SCALE

Call before you Dig  
1-800-227-2600

Call before you Overhead  
1-702-593-6111

**KB HOME**  
750 PILOT ROAD, SUITE F  
LAS VEGAS, NV 89119  
(702) 814-2888

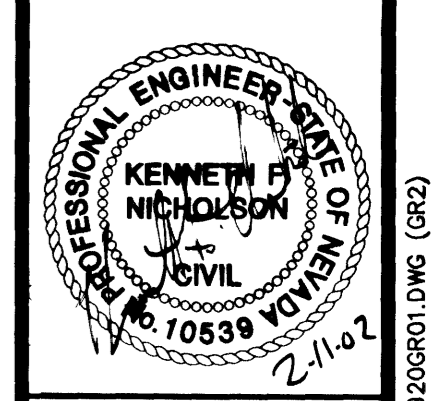
**GRADING PLAN**  
IRON MOUNTAIN RANCH  
VILLAGE 7  
UNIT 1

DRAWN BY: SEPTEMBER 2001  
KOS / FRP

DESIGNED BY: SEPTEMBER 2001  
KOS / FRP

CHECKED BY:

PROJECT NO: 5920-1



SHEET  
**G2**  
8 OF 26 SHEETS  
DRAWING NO.  
107Y-4604-7-1

REVISION  
DATE  
BY

2727 SOUTH RAINBOW BOULEVARD LAS VEGAS, NEVADA 89146-5148  
PH. (702) 873-7550 FAX (702) 362-2597  
PLANNERS & LAND SURVEYORS  
**nevada**  
CONSULTING ENGINEERS

**mtm**

SCALE: 1" = 40'  
VERT. 1" = 10'

DATE: 2-11-07

DATE: 2-11-07

DATE: 2-11-07