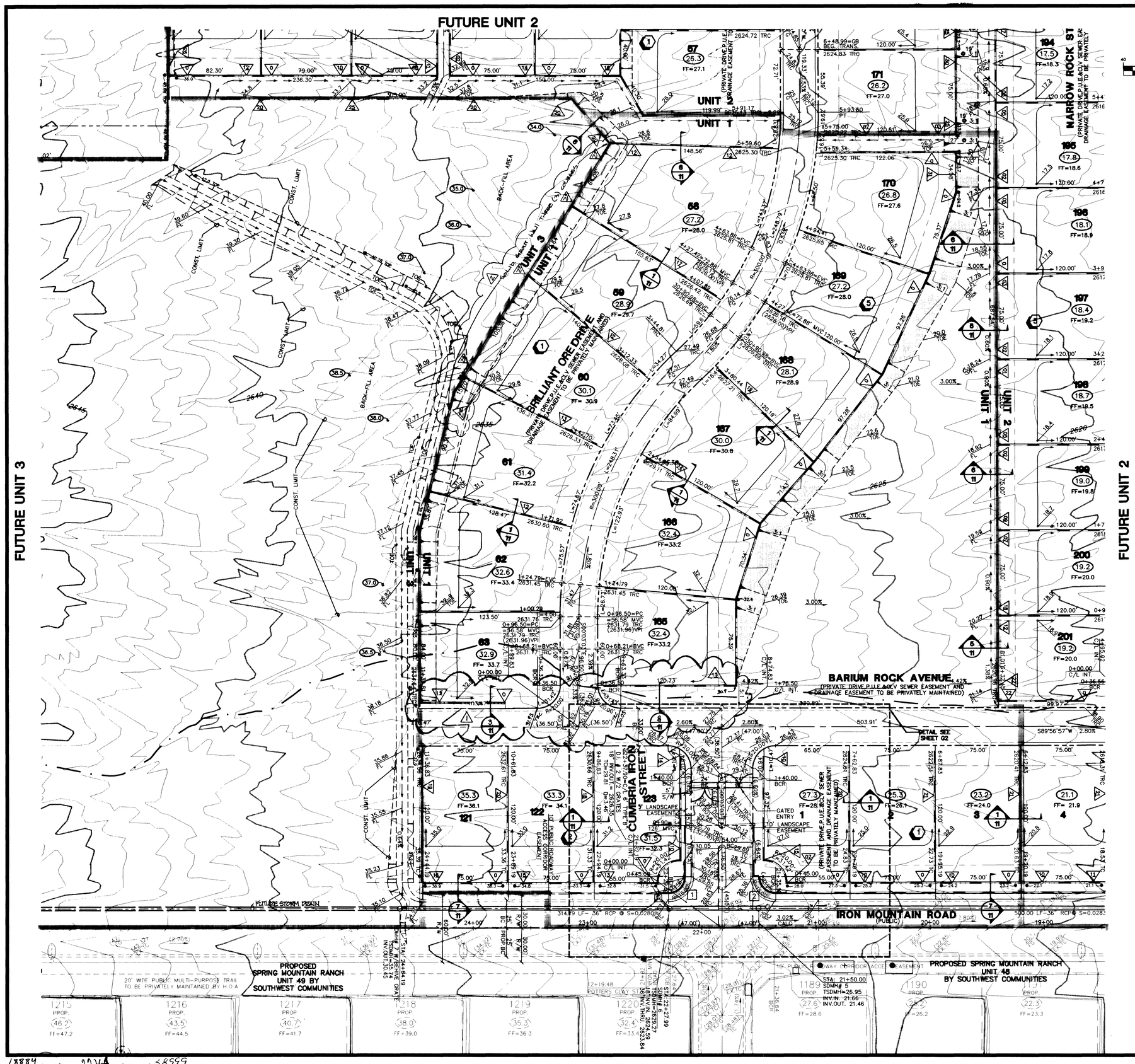
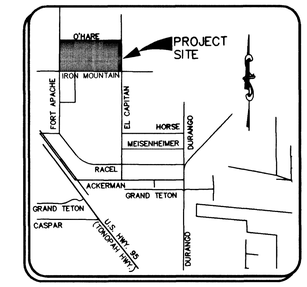


GRAPHIC SCALE

1" = 40'



LOCATION MAP

NOT TO SCALE

BENCHMARK

PROJECT DATUM NAVD88

CLARK COUNTY BENCHMARK USC&GS V-169
ELEVATION: 791.316 METERS (2596.17 FEET)

USC&GS BRASS CAP 400 FT. SOUTH OF LAG CABIN WAY AND 100 FT. EAST OF EL CAPITAN WAY JUST EAST OF OF A BARBED WIRE FENCE.

BASIS OF BEARING

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.

Avoid cutting underground utility lines. It's costly.

Call before you **Dig**
1-800-227-2600

Avoid overhead power line contact

Call before you **OVERHEAD**
1-702-593-6111

FOR ALL GRADING & STREET SECTIONS SEE SHEET 11

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

NOTE: ALL ONSITE DRIVES ARE PRIVATELY OWNED AND MAINTAINED.

HC RAMP DATA

NO.	"A"	"B"	CASE
1	8'	8'	I
2	4.5'	21.5'	I

LEGEND

FG	FINISH GRADE
FL	FLOW LINE
TC	TOP OF CURB
TRC	TOP OF ROLL CURB
EP	EDGE OF PAVEMENT
FUT.	FUTURE
EX	EXISTING
VG	VALLEY GUTTER
NG	NATURAL GROUND
H.P.	HIGH POINT
L.P.	LOW POINT
C/L	CENTER LINE
O/C	OFFSET CROWN
BC	BACK OF CURB
BCR	BEGIN CURB RETURN
TF	TOP OF FOOTING
GB	GRADE BREAK
PC	POINT OF CURVATURE
PT	POINT OF TANGENCY
PRC	POINT OF REVERSE CURVATURE
PCC	POINT OF COMPOUND CURVATURE
BVC	BEGIN VERTICAL CURVE
MVC	MID-POINT OF VERTICAL CURVE
EVC	END VERTICAL CURVE
PRVC	POINT OF REVERSE VERTICAL CURVE
VPI	VERTICAL POINT OF INTERSECTION
PP	POWER POLE
TRANS	TRANSITION
RET.	RETAINING
INT.	INTERSECTION
D.G.	DESIGN GRADE
TOP	TOP OF CHANNEL
TOB	TOP OF BOX

EX. CONTOUR(5' INTERVAL)
EX. CONTOUR(1' INTERVAL)
PROPOSED CONTOUR
42.1 PROPOSED PAD GRADE
42.1 FUT./EXIST. PAD GRADE
0.50% SLOPE AND FLOW DIRECTION
EDGE OF EXIST A.C.
SAW CUT & MATCH A.C.
SIDEWALK RAMP
PAD SLOPES
SCARP AREA
27 LOT NUMBER
4 BLOCK NUMBER
RETAINING HEIGHT
SIGHT VISIBILITY EASEMENT
PROJECT BOUNDARY LINE
SETBACK LINE
R/W OR P/L
EXIST. IMPROVEMENTS
FUTURE IMPROVEMENTS
CENTER LINE
RETAINING WALL
CONC. BLOCK WALL
EXIST.CONC. BLOCK WALL
EXIST. DIRT ROAD
EXIST. AC
CONSTRUCTION PHASE LINE OR UNIT BOUNDARY

REV	DATE	BY	REVISION
1	7/27/02	JTM	SOLID INPUT UNIT THREE (3) COURSES (CURRO 1) FOR UNIT
2	5-24-00	DLG	REV WALL SECTION & APP SPEC GRADES

For Revisions:

JOSEPH D. THOMASON PE#11907 — DATE 9.8.99

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

ASTORIA HOMES
2500 W. SAHARA AVENUE, SUITE 208
LAS VEGAS, NEVADA 89102
(702) 257-1188

vtn nevada CONSULTING ENGINEERS ● PLANNERS ● LAND SURVEYORS
2727 SOUTH RAINBOW BOULEVARD LAS VEGAS, NEVADA 89102-5148
PH. (702) 873-7550 FAX (702) 362-2597

SHEET: GRADING PLAN

TITLE: IRON MOUNTAIN ESTATES UNIT 1

DRAWN BY: DEH — MAY. 99
DESIGNED BY: JM — JAN. 99
CHECKED BY:
PROJECT NO: 5463
SCALE: 1"=40' HORZ. VERT.

SEAL: PROFESSIONAL ENGINEER-STATE OF NEVADA — JOSEPH D. THOMASON — CIVIL — No. 11907 — 9.8.99

SHEET G1 OF 16 SHEETS

DRAWING NO. 107V-4622-1

H:\CAD\LANDEV\5463\5463GR01.DWG(BR-G1A) DLG

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