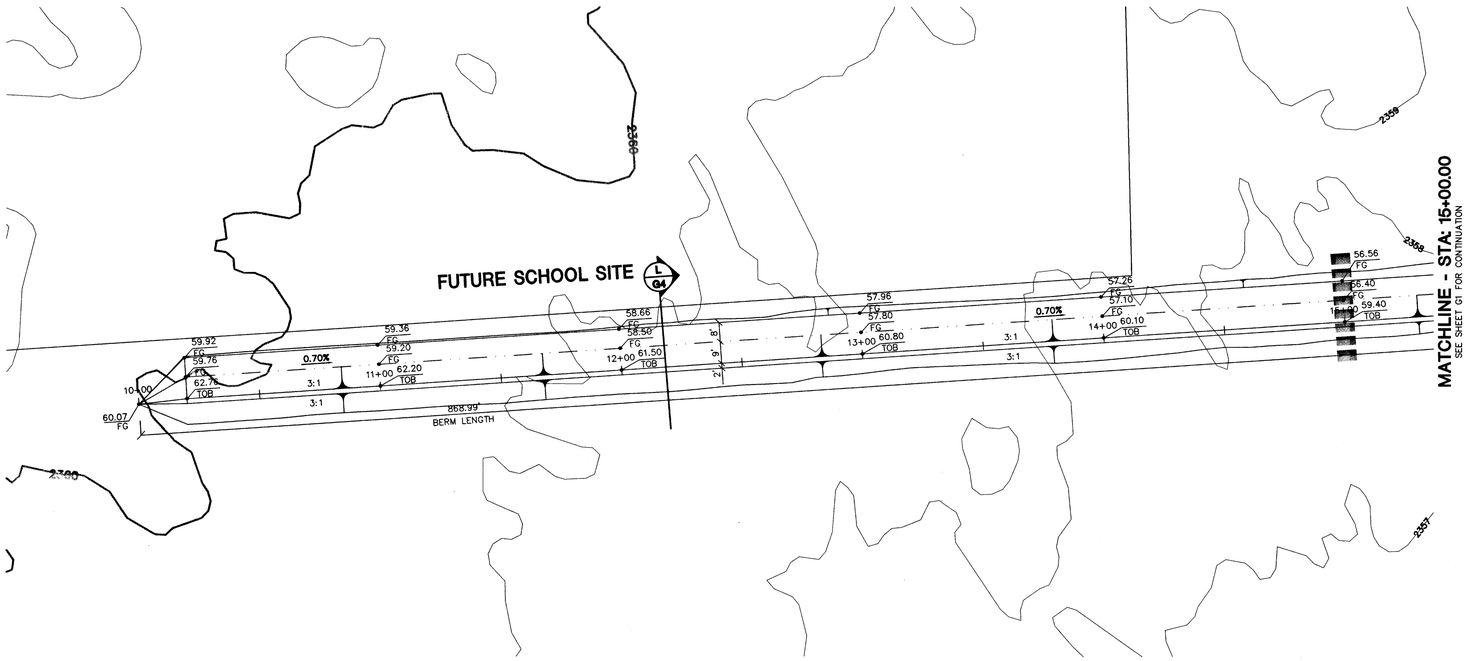

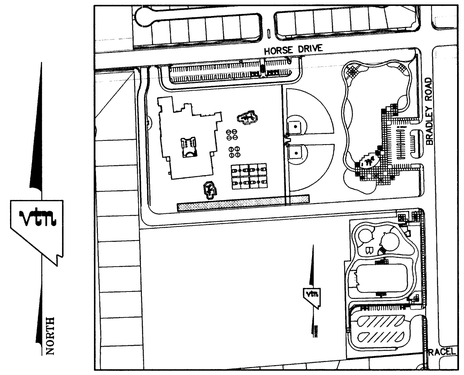

SITE MAP

NTS

GRAPHIC SCALE

30 0 15 30 60

1" = 30'

GEOTECHNICAL NOTE:

ALL GRADING, INCLUDING EXCAVATION, EMBANKMENT AND SUBGRADE PREPARATION FOR THIS PROJECT SHALL FOLLOW THE GEOTECHNICAL INVESTIGATION REPORT RECOMMENDATIONS BY GEOTEK, INC. DATED AUG. 29, 2003 NEVADA WORK ORDER No. 4732-LV6.

CONTRACTOR NOTE:

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

FOR ALL GRADING & STREET SECTIONS SEE DETAIL SHEET G4

LEGEND

FG	FINISH GRADE
FL	FLOW LINE
TC	TOP OF CURB
TRC	TOP OF ROLL CURB
EAC	EDGE OF ASPHALT PAVEMENT
FUT.	FUTURE
EXIST	EXISTING (EX.)
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
TPW	TOP OF PLANTER WALL
TRW	TOP OF RETAINMENT WALL
TOP	TOP OF CHANNEL/SCARP
TOE	TOE OF CHANNEL/SCARP
TOB	TOP OF BOX
PP	POWER POLE
TRANS.	TRANSITION
RET.	RETAINMENT
INT.	INTERSECTION
D.G.	DESIGN GRADE
TSW	TOP OF SIDEWALK
FF=	FINISH FLOOR
GFF=	GARAGE FINISH FLOOR
BFE=	BASE FLOOD ELEVATION
R/W	RIGHT-OF-WAY
S/W	SIDEWALK
—	5' HITCHING RAIL. (SEE LANDSCAPE PLANS)

2400	EX. CONTOUR(5' INTERVAL)
	EX. CONTOUR(1' INTERVAL)
2354	PROPOSED CONTOUR (MINOR)
2358	PROPOSED CONTOUR (MAJOR)
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.
OR	SIDEWALK RAMP
3:1	PAD SWALE SLOPES
	SCARP AREA
27	LOT NUMBER
4	BLOCK NUMBER
4	RETAINING HEIGHT (FEET)
	SIGHT VISIBILITY ZONES
	PROJECT BOUNDARY 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
	PROPOSED ASPHALT
	CORRAL
	EQUESTRIAN TRAIL
	PARKING LOT CHAT

Avoid cutting underground utility lines. It's costly.
Call before you Dig
1-800-227-2600

Avoid overhead power line contact. It's costly.
Call before you Overhead
1-702-593-6111

PROJECT BENCHMARK

PROJECT DATUM: NAVD88

(OLD) CITY OF LAS VEGAS BENCHMARK 1LV90-13NES
NAVD88 ELEVATION: 710.9608 METERS (2332.54 FEET)
PROJECT DESIGNED USING OLD BENCHMARK

(NEW) CITY OF LAS VEGAS BENCHMARK 1LV90-13NES
NAVD88 ELEVATION: 710.9181 METERS (2332.40 FEET)

(-0.14 FEET) TO GET NEW PUBLISHED DATUM

CNLV BM 413148, 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 N THE CLARK COUNTY, NEVADA, RECORDER'S OFFICE, IN BOOK 88 OF SURVEYS, AT PAGE 53.

I CERTIFY THAT THIS GRADING PLAN CONFORMS TO THE APPROVED DRAINAGE STUDY ON FILE AT THE CITY OF LAS VEGAS FOR THIS PROJECT.

KEN NICHOLSON 5-20-04 P.E. NO. 10539

REV	DATE	BY	REVISION

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

CITY OF LAS VEGAS

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

BERM PLAN

IRON MOUNTAIN RANCH BRADLEY/HORSE PARK PHASE I

DRAWN BY: MKD APR '04
DESIGNED BY: MKD APR '04
CHECKED BY: KFN APR '04
PROJECT NO: 5923
SCALE: 1"=30' HORIZ. N/A VERT.

PROFESSIONAL ENGINEER KENNETH F. NICHOLSON CIVIL No. 10539 STATE OF NEVADA 5-20-04
EXPIRES 12-31-05

SHEET
G3
8 OF 14 SHEETS

DRAWING NO.
650.82

70250