

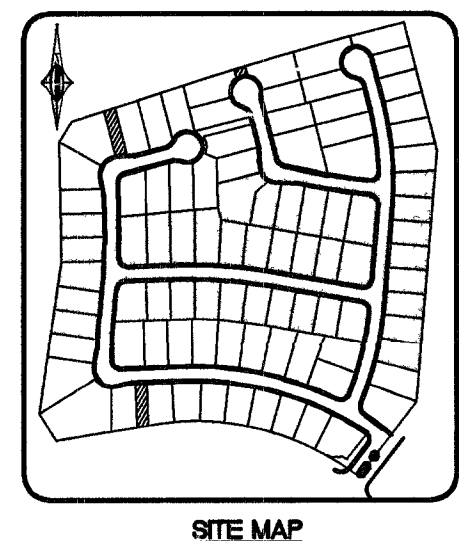
LEGEND	
EXISTING	PROPOSED
RIGHT OF WAY	R/W
SEWER MAIN	8" SWR
SEWER MANHOLE	8" WTR
WATER MAIN	8" WTR
LOT NUMBER	42
RATE OF GRADE	0.5%
BLOCK WALL	
RETAINING WALL	
WALL PILASTER	
FINISH FLOOR ELEVATION	N/A
PAD ELEVATION	N/A
SCARP	
LANDLOCK 450	N/A
SVR2	N/A

DISCLAIMER NOTE:
 UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND OR OVERHEAD UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.
 CONTRACTOR TO NOTIFY ENGINEER OF ANY CHANGES OR DISCREPANCIES.

Avoid cutting underground utility lines. It's costly
 Call before you Dig
 1-800-227-2600
 UNDERGROUND SERVICE (USA)

Avoid overhead power line contact
 Call before you Overhead
 1-702-593-6111
 NEVADA POWER ENVIRONMENT AND SAFETY SERVICES DEPARTMENT

FLOOD CONTROL QUANTITY ESTIMATES	
2.4' THICK RIP PAP / D50=1.2'	1,770 SY
9' TYPE CM2 DI	2 EA
12' TYPE CM2 DI	1 EA
24' TYPE CM2 DI	1 EA
18" RCP STORM DRAIN	38 LF
24" RCP STORM DRAIN	46 LF
36" RCP STORM DRAIN	152 LF
42" RCP STORM DRAIN	21 LF
60" TYPE III S.D. MANHOLE	2 EA
EARTH WORK REQUIRED FOR PROTECTION BERM	1,400 CY



LEGAL DESCRIPTION

BEING A SUBDIVISION OF A PORTION OF PARCEL 1 AS SHOWN BY MAP THEREON ON FILE IN FILE 91, PAGE 28 OF PARCEL MAPS IN THE COUNTY RECORDER'S OFFICE, CLARK COUNTY, NEVADA, LYING WITHIN SECTION 34, TOWNSHIP 20 SOUTH, RANGE 59 EAST, AND THE NORTH HALF (N 1/2) OF THE NORTH HALF (N 1/2) OF SECTION 3, TOWNSHIP 21 SOUTH, RANGE 59 EAST, M.D.M., CITY OF LAS VEGAS, CLARK COUNTY, NEVADA.

BASIS OF BEARING

NORTH 05° 59' 55" WEST BEING THE BEARING OF THE WEST LINE OF SECTION 34, T 20 S, R 59 E, M.D.M., CITY OF LAS VEGAS, CLARK COUNTY, NEVADA, AS SHOWN BY MAP THEREON ON FILE IN FILE 91, PAGE 28 OF PARCEL MAPS IN THE CLARK COUNTY RECORDERS OFFICE, CLARK COUNTY, NEVADA.

BENCHMARK
 CITY OF LAS VEGAS BENCHMARK QLV09 36NW66 RIVET & PLATE IN TOP OF CURB RETURN @ NW CORNER OF PAVILLION CENTER & ALTA. 3024.26 FEET OR 921.7971 METERS NAVD 1988 DATUM

NOTE:
 ELEVATIONS SHOWN ON "A" ARE 0.30' LESS THAN ELEVATION OF CITY OF LAS VEGAS BENCHMARK SHOWN ABOVE.

BACK OF CURB CURVE TABLE				
CURVE	RADIUS	LENGTH	TANGENT	DELTA
C5	100.00'	1.36'	0.68'	0°46'41"
C12	1102.00'	6.38'	3.19'	0°19'54"
C13	47.00'	2.54'	1.27'	3°05'29"
C15	1980.50'	14.78'	7.39'	0°25'40"

EARTHWORK QUANTITIES

ENGINEERS ESTIMATE FOR PERMITTING PURPOSES ONLY, CONTRACTOR TO VERIFY INDEPENDENTLY

NET CUT: 59,861 CY
 NET FILL: 64,134 CY

ALL GRADING SHALL CONFORM TO THE SOILS REPORT:
 ENGINEER: OWEN S. GEOTECHNICAL INC.
 DATE: JANUARY 6, 2004
 JOB NO: " 03-361

PRIVATE STREET NOTE:

ALL PRIVATE STREETS ARE P.U.E. CITY OF LAS VEGAS SEWER EASEMENTS AND PUBLIC DRAINAGE EASEMENTS TO BE PRIVATELY MAINTAINED BY H.O.A.

DROP INLET NOTE:

DROP INLET TO BE CONSTRUCTED WITHIN PUBLIC DRAINAGE EASEMENT TO BE PRIVATELY MAINTAINED BY H.O.A.. LIMITS OF THE DRAINAGE EASEMENT ARE SHOWN ON THE FINAL MAP

CONSTRUCTION NOTES

1. CONSTRUCT 2" AC PAVEMENT PER SIS DWG S-14A
2. CONSTRUCT 24" L' TYPE CURB PER SIS STD DWG S-47
3. CONSTRUCT 4" SIDEWALK PER SIS STD DWG S-72 & S-48
4. CONSTRUCT 8" VALLEY GUTTER PER SIS STD DWG S-64
5. CONSTRUCT SIDEWALK RAMP PER CL STD DWG 235 (CASE 1) (A AND B PER PLAN)
6. STORM DRAIN TO BE PRIVATELY MAINTAINED BY H.O.A.

DRAINAGE STUDY NOTE:

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

DENNIS P. WERTZLER, P.E. #1970
 DATE: 2-23-04



65457 R6m 66902 R6m 68262 R6m 92012 R1 93935

The Howard Hughes Corporation

GRADING PLAN
 SHEET 2 OF 3

6655 Bermuda Road
 Las Vegas, NV 89189
 (702) 838-5400 Fax: (702) 838-5464

Carter-Burgess
 Consultants in Planning, Engineering,
 Construction Management, and Related Services

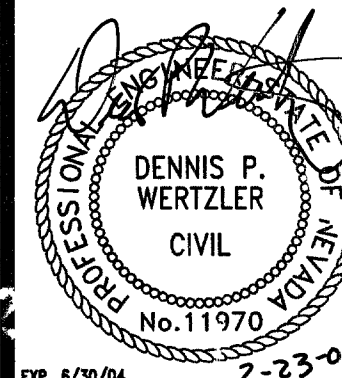
BARCELONA - UNIT 1
 THE PASEOS (V23A)

DRAWN BY:
 TAA

DESIGNED BY:
 ED

CHECKED BY:
 DW

PROJECT NO:
 240857



DATE: 2-23-04
 SHEET: 4
 4 OF 16 SHEETS
 CLV DRAWING NO
 10744805