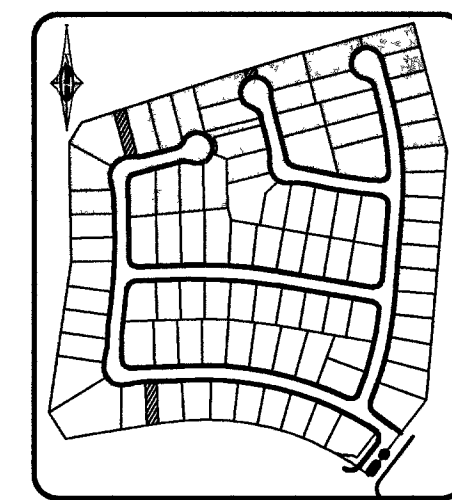


	EXISTING	PROPOSED
RIGHT OF WAY	— EX 8" SWR —	— 8" SWR — R/W
SEWER MAIN	— EX 8" SWR —	— 8" SWR —
SEWER MANHOLE	— EX 8" WTR —	— 8" WTR —
WATER MAIN	— EX 8" WTR —	— 8" WTR —
LOT NUMBER	42	42
RATE OF GRADE	(0.50%)	0.50%
BLOCK WALL	— EX 8" SWR —	— 8" SWR —
RETAINING WALL	— EX 8" SWR —	— 8" SWR —
WALL PILASTER	— EX 8" SWR —	— 8" SWR —
FINISH FLOOR ELEVATION	N/A	FF= 36.03
PAD ELEVATION	N/A	PAD= 35.2
SCARP	— EX 8" SWR —	— 8" SWR —
LANDLOCK 450	N/A	N/A
SVR2	N/A	N/A

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

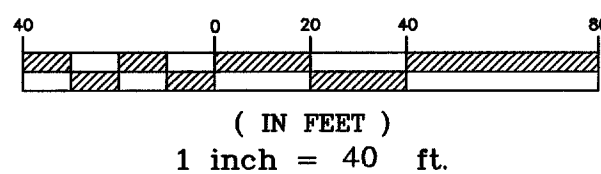
BACK OF CURB CURVE TABLE				
CURVE	RADIUS	LENGTH	TANGENT	DELTA
C1	40.50'	2.87'	1.44'	4°04'56"
C2	735.54'	4.29'	2.14'	0°20'02"
C3	19.50'	9.51'	4.85'	27°57'10"
C4	19.50'	22.96'	13.02'	67°27'35"
C5	100.00'	1.36'	0.68'	0°46'41"
C6	40.50'	0.81'	0.41'	1°08'51"
C7	19.50'	19.27'	10.51'	56°37'59"
C8	19.50'	15.05'	7.92'	44°13'12"
C9	100.00'	17.00'	8.52'	9°44'15"
C10	100.00'	20.10'	10.09'	11°31'05"
C11	47.00'	11.04'	5.54'	13°27'22"



SITE MAP

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.



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. #11970 DATE 2-23-04

LEGAL DESCRIPTION

BEING A SUBDIVISION OF A PORTION OF PARCEL 1 AS SHOWN BY MAP THEREOF 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 THEREOF 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 OLV09 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 PLANS ARE 0.30' LESS THAN ELEVATION OF CITY OF LAS VEGAS BENCHMARK SHOWN ABOVE.

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.

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

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: OWENS GEOTECHNICAL INC.
DATE: JANUARY 6, 2004
JOB NO: E-03-361



DISCLAIMER NOTE:

UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTORS 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. If'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



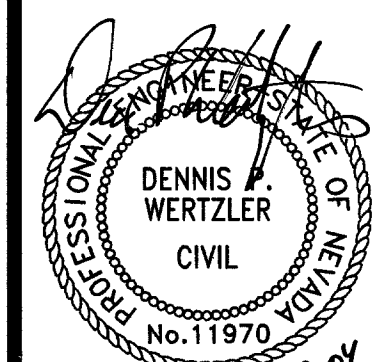
65456 R/Lom 66901 R/Lom 96765

THE HOWARD HUGHES CORPORATION
GRADING PLAN
SHEET 1 OF 3

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

BARCELONA - UNIT 1
THE PASEOS (V23A)

DRAWN BY: T/H
DESIGNED BY: E/B
CHECKED BY: D/W
PROJECT NO: 2-0857
SCALE: 1"=40'
VERT: N/A



3 OF 16 SHEETS
CLV DRAWING NO.
10794805