HEALTH DISTRICT NOTE

INSTAL[illegible]WER/WATER LATERALS PER UDACS [illegible]

PR[illegible] STREET NOTE:

PRIVA[illegible] ARE PUBLIC [illegible]LV PUBLIC [illegible] EASEMENT; PUBLIC [illegible]ASEMENT [illegible]E PRIVATE. [illegible]INEDI

SEW[illegible] CONTRIBUTION

57 LOTS

AVERAGE DAI[illegible]LOW (57 x 250) / 1M = 0.0143 MGD

PEAK DAILY [illegible] = 3.5 x 0.0143 = 0.0500 MGD

WATER NOTE:

INSTALL PIPELINE MARKER BALLS IN TRENCH ABOVE EACH HOR[illegible]LBOW FITTING, PER MANUFACTURER INSTRUCTIONS.

SEWER NOTES:

SEE SHEET 8 FOR MANHOLE TABLE

2. SEWER LATERALS FOR LOTS 34, 35, 68, 88 & 89 WILL BE INSTALL PER UDACS CRITERIA SHOWN IN PARAGRAPH 2.19.0 31, B2, AND 3)a.

BACKWATER VALVES (BWV)

THE FOLLOWING LOTS REQUIRE SEWER BACKWATER VALVES. LOTS 2, 5, 7-8, 32-33, 35-41, 44, 51, 52, 54, 59, 62, 6[illegible] 70, [illegible]-76, 78-79, 85-86, 89-90.

ENGINEERS NOTES (UTIL[illegible])

1. CONTRACTOR TO VERIFY LOCATION, DEPTH [illegible] SIZE OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION. REPORT [illegible]NY DISCREPENCIES TO ENGINEER IMMEDIATELY
2. SURVEYOR TO VERIFY ALL INVERTS & SLOP[illegible] DURING STAKING.
3. ALL ABOVE GROUND UTILITIES SUCH AS FIRE [illegible]YDRANT, STREETLIGHTS, METERS, ETC. TO BE STAKED AND CONSTR[illegible]TED PER CLV STANDARDS.
4. ALL SEWER AND WATER CROSSINGS SHA[illegible] BE CONSTRUCTED IN ACCORDANCE TO UDACS MINIMUM CLEARANCES.
5. SEE LANDSCAPE PLANS FOR ONSITE IRR[illegible]ATION. INSTALL ALL SLEEVES UNDER STREETS PRIOR TO STREET CO[illegible]CTION.
6. IMMEDIATELY NOTIFY ENGINEER OF AN[illegible] REPENCIES OR DEVIATIONS FROM STANDARDS PRIOR TO CONSTRU[illegible]

SEWER CONSTRUCTIO[illegible] NOTES

1. INSTALL 48" MANHOLE PER CCSD [illegible]WG No. SD-1
2. INSTALL 4" SEWER LATERAL PER [illegible]TD DWG No. SD-12

WATER CONSTRUCTIO[illegible] NOTES

1. INSTALL FIRE HYDRANT ASSEMBL[illegible] UDACS PLATE No. 7 (INCLUDES GATE VALVE)
2. INSTALL 6" CAP AND 2" BLOWOF[illegible] MBLY, PER UDACS PLATE No. 4
3. INSTALL 1" WATER METER, PER UD[illegible] PLATE No. 1-D (LOTS 51 & 52)
4. INSTALL 8" X 6" TEE PER UDACS [illegible] No. 5
5. INSTALL 8" GATE VALVE PER UDAC[illegible]ATE No. 3
6. INSTALL 8" TEE, PER UDACS PLAT[illegible] 5
7. INSTALL 8" 11-1/4" BEND PER UD[illegible] PLATE No. 5
8. INSTALL 8" 5' BEND - Specified Fittings w/Restrained joints
9. INSTALL 8" 45° BEND PER UDACS [illegible] No. 5
10. INSTALL 3/4" WATER METER, PER [illegible]S PLATE No. 1-B
11. INSTALL 6" TEE PER UDACS PLATE [illegible]5
12. INSTALL (2)-4" & (1)-6" SCHEDUL[illegible] PVC IRRIGATION & POWER CONDUIT
13. REMOVE CAP AND BLOW OFF PER U[illegible]S PLATE No. 4A , NOTE No. 1 AND CONNECT TO EXISTING 8" MAIN
14. INSTALL 12" 90° BEND PER UDACS [illegible]E No. 5
15. INSTALL 8" 22.5° BEND PER UDACS [illegible]TE No. 5
16. INSTALL 6" 5° BEND PER UDACS P[illegible] No. 5
17. REMOVE CAP AND BLOW OFF PER U[illegible]S PLATE No. 4A , NOTE No. 1 AND CONNECT TO EXISTING 12" MA[illegible]
18. INSTALL 12" X 8" REDUCER UDACS [illegible]E No. 3
19. INSTALL 8" X 6" REDUCER UDACS [illegible]E No. 3
20. INSTALL 6" 90° BEND

LEGAL DESCRIPTION

BEING A SUBDIVISION OF A PORTION OF PARCEL 1 AS SHOWN BY MAP THEREOF ON FILE IN FILE 91, PAGE 8 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 CLV09 36NW96 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.

PRV NOTE: (PRV) LOTS:

THIS PROPERTY MAY HAVE STATIC WATER PRESSURE IN EXCESS OF 80 PSI. THE UNIFORM PLUMBING CODE REQUIRES THAT INDIVIDUAL, ON-SITE (PRIVATE), PRESSURE REDUCING VALVES BE INSTALLED WHENEVER THE PRESSURE EXCEEDS 80 PSI. PRV'S ARE THE DEVELOPER'S RESPONSIBILITY AND WILL NOT BE INSPECTED OR INCLUDED IN THE ACCEPTANCE OF LVVWD FACILITIES.

THE DISTRICT WILL NOT GUARANTEE A WATER-TIGHT SHUTDOWN WHERE CONNECTIONS OR REPAIRS TO EXISTING FACILITIES ARE REQUIRED. THE CONTRACTOR SHALL ENSURE ALL LABOR AND EQUIPMENT IS AVAILABLE AT ALL TIMES TO REMOVE FUGITIVE WATER WHICH IMPEDES THE CONTRACTOR'S PERFROMANCE.
CONTRACTOR TO INSTALL TEMPORARY SERVICE TO ENSURE PROPER SHUTDOWN IN THE [illegible]ENT NO OTHER APPURTENANCES ARE AVAILABLE.

REDUCED PRESSURE PRINCIPLE ASSEMBLY (2) 1"

APPROVED REDUCED PRESSURE PRINCIPLE ASSEMBLY(S) SHALL BE INSTALLED PER THE UDACS PLATE NO. 11A. NO WATER SHALL BE TAKEN FROM A SERVICE REQUIRING BACKFLOW PREVENTION UNTIL THE REDUCED PRESSURE PRINCIPLE ASSEMBLY HAS BEEN SUCCESSFULLY TESTED BY THE LVVWD.

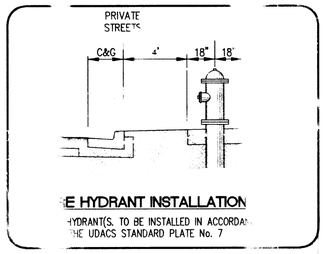
ANY BLOCK WALL OR OTHER FENCE MATERIAL SHALL BE DESIGNED AND CONSTRUCTED AROUND THE OUTSIDE OF THE EASEMENT(S) TO ALLOW THE DISTRICT DIRECT ACCESS FROM THE ADJACENT RIGHT-OF -WAY.

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 overhead power line contact. It's deadly.
Call before you Overhead
1-702-593-6111
NV Power Company dba NV Energy Safety Services Department

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

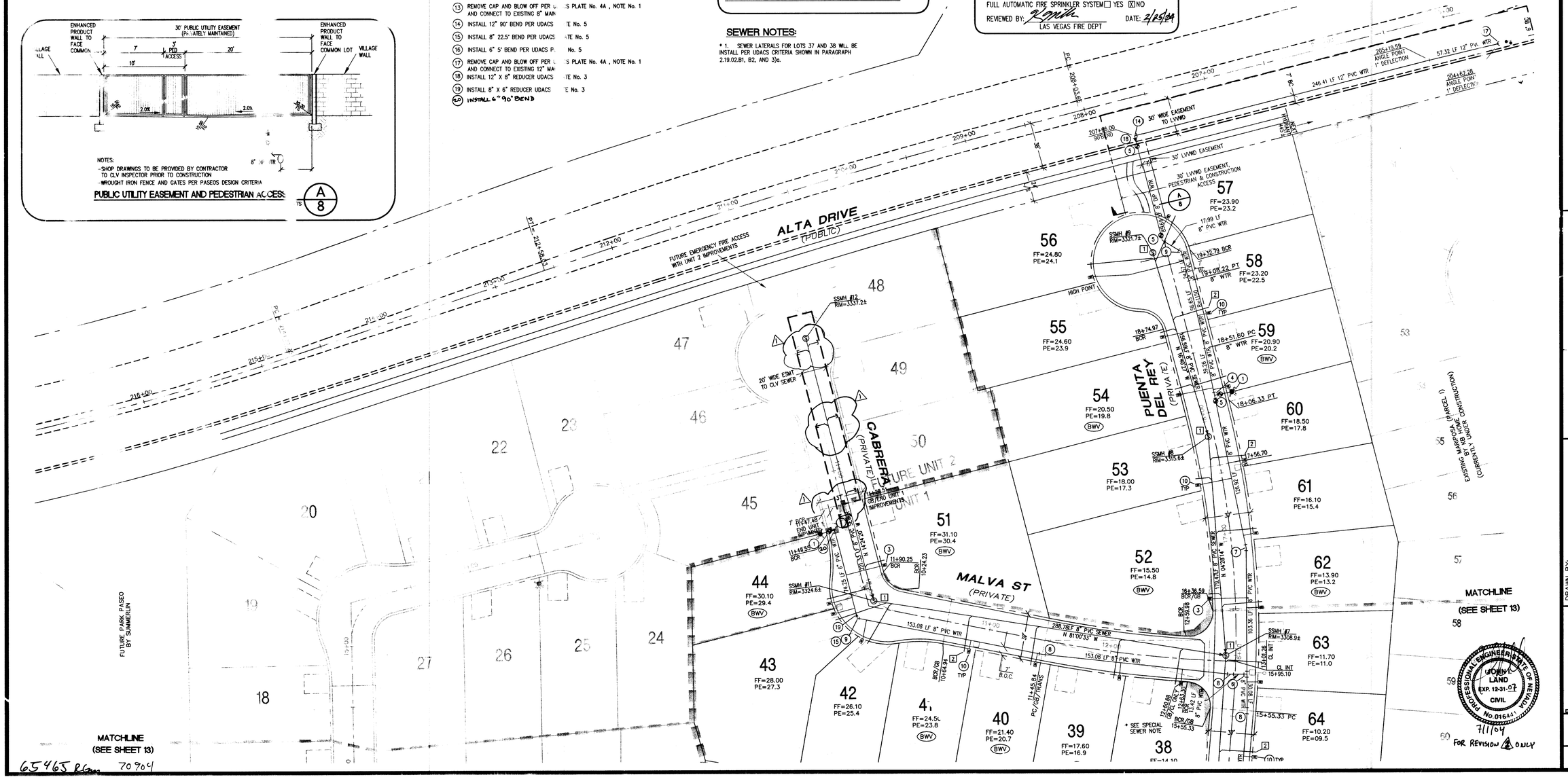


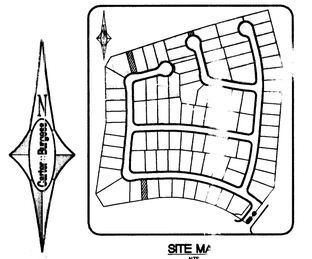
[illegible]E HYDRANT INSTALLATION

[illegible]HYDRANT(S. TO BE INSTALLED IN ACCORDA[illegible] [illegible]HE UDACS STANDARD PLATE No. 7

NOTES:
-SHOP DRAWINGS TO BE PROVIDED BY CONTRACTOR TO CLV INSPECTOR PRIOR TO CONSTRUCTION
-WROUGHT IRON FENCE AND GATES PER PASEOS DESIGN CRITERIA

PUBLIC UTILITY EASEMENT AND PEDESTRIAN ACCESS (A/8)





SITE MAP
NTS

(IN FEET
1 inch = 4[illegible]ft.

FIRE FLOW CALCULATIONS

FIRE FLOW REQUIREMENT IS 1500 GALLONS PER MINUTE AT 20 psi RESIDUAL PRESSURE.

BASED ON:

SQUARE FOOTAGE:	<3,600 SQUARE FEET
LARGEST AREA BETWEEN 4-HOUR AREA SEPARATION WALLS:	N/A SQUARE FEET
BUILDING HEIGHT	20 FEET
NUMBER OF STORIES	2 FLOORS
TYPE OF CONSTRUCTION	TYPE V-NR
OCCUPANCY	RESIDENTIAL
FULL AUTOMATIC FIRE SPRINKLER SYSTEM	☐ YES ☒ NO

REVIEWED BY: [signature] DATE: 2/25/04
LAS VEGAS FIRE DEPT

APPROVALS

APPROVAL OF THESE PLANS SHALL NOT BE CONSTRUED TO BE A PERMIT FOR OR AN APPROVAL OF ANY VIOLATION OF ANY OF THE PROVISIONS OF THE STATE OR COUNTY LAWS. 1500 GPM 20 PSI

[signature] 2/25/04
CLV FIRE DEPARTMENT DATE

[signature] 3/2/04
LAS VEGAS VALLEY WATER DISTRICT (PROJECT #28672) DATE

SEWER NOTES:

* 1. SEWER LATERALS FOR LOTS 37 AND 38 WILL BE INSTALL PER UDACS CRITERIA SHOWN IN PARAGRAPH 2.19.02.B1, B2, AND 3)a.

TYPICAL LATERAL LOCATION DETAIL

REV	DATE	APPD BY	REVISION
1		ADD SWR LATS.	KB 7/6/04

The Howard Hughes Corporation
10000 West Charleston Boulevard, Suite 200
Las Vegas, Nevada 89135-1004

Carter::Burgess
Consultants in Planning, Engineering, Construction Management, and Related Services
6655 Bermuda Road
Las Vegas, NV 89119
(702) 938-5400 Fax (702) 938-5454

UTILITY PLAN
SHEET 1 OF 3

BARCELONA - UNIT 1
@ THE P[illegible]SEOS (V23A)

DRAWN BY: SC
DESIGNED BY: EB
CHECKED BY: DW
SCALE: 1"=40' HORIZ. N/A VERT.
PROJECT NO: 240857

PROFESSIONAL ENGINEER STATE OF NEVADA
DENIS P. WERTZLER
CIVIL
No. 10764
DP 6/28/04

PROFESSIONAL ENGINEER STATE OF NEVADA
LANDON V. LAND
EXP. 12-31-07
CIVIL
No. 016431
7/1/04
FOR REVISION ONLY

SHEET 12 OF 16 SHEETS

CLV DRAWING NO. 1074 4805

65465 Rlem 70904