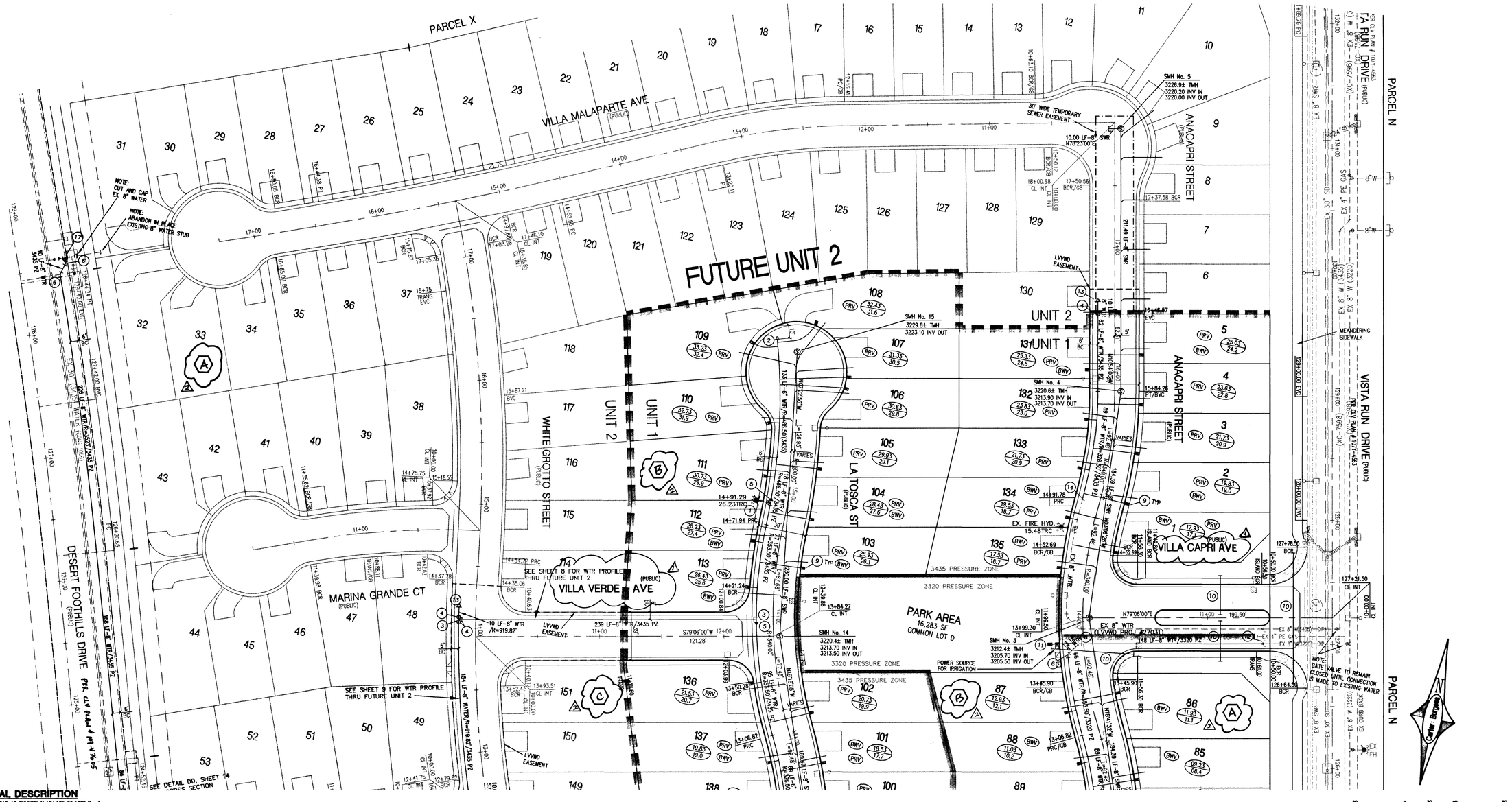


MATCHLINE (SEE SHEET 10)

LEGAL DESCRIPTION

THE VISTAS AT SUMMERLIN VILLAGE 20 UNIT No. 1, 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 CLARK COUNTY RECORDER'S OFFICE.

BASIS OF BEARING

NORTH 89° 54' 38" EAST BEING THE SOUTH LINE OF THE SOUTHEAST QUARTER OF SECTION 35, T 20 S, R 59 E, M.D.M. AS SHOWN BY THE AMENDED MAP ON FILE IN FILE 93, PAGE 95 OF SURVEYS, IN THE CLARK COUNTY RECORDERS OFFICE.

BENCHMARK

CITY OF LAS VEGAS BENCHMARK 0LV08 3BRWWB RIVET & PLATE IN TOP OF CURB RETURN @ NW CORNER OF PAVILLION CENTER & ALTA.
3024.26' NAVD 1988 DATUM

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

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 DESCREPANCIES.

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

CONTRACTOR SHALL FIELD LOCATE AND PROTECT ALL LVVWD APPURTENANCES INCLUDING, BUT NOT LIMITED TO AV/AR, ACCESS MANHWAYS AND CATHODIC PROTECTION SYSTEMS. ALL ABOVE GROUND STRUCTURES AND AT GRADE STRUCTURES MUST BE ADJUSTED TO NEW GRADE AT CONTRACTORS EXPENSE. CATHODIC PROTECTION TEST STATIONS MUST BE RELOCATED TO THE SIDEWALK PER LVVWD STANDARDS AT THE CONTRACTORS EXPENSE. (SEE DETAIL CC, SHEET 14)

SEWER CONTRIBUTION

75 LOTS
AVERAGE DAILY FLOW (75 x 250) / 1M = 0.01875 MGD
PEAK DAILY FLOW PF = 3.5 x 0.01875 = 0.0656 MGD

NOTE

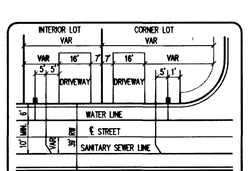
SEE SHEET 6 FOR MANHOLE SCHEDULE

HEALTH DISTRICT NOTE

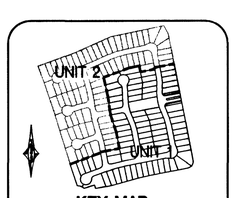
INSTALL SEWER/WATER LATERALS PER UDACS 2.19.03

BACKWATER VALVES (BWV)

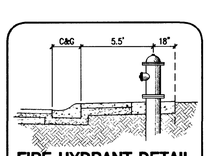
THE FOLLOWING LOTS REQUIRE SEWER BACKWATER VALVES.
LOTS : 1–2, 5, 59, 65, 69–71, 74–76, 80–82, 84–86
88–89, 92–98, 100–101, 103–104, 112–113,
131, 134–135, 137–138, 141–145.



TYPICAL LATERAL LOCATION DETAIL



KEY MAP
N.T.S.



FIRE HYDRANT DETAIL
REFER TO UDACS PLATE No. 7

WATER CONSTRUCTION NOTES

1. FIRE HYDRANT ASSEMBLY PER UDACS PLATE 7 (INCLUDES TEE AND GATE VALVE)
2. INSTALL 6" CAP & 2" BLOW OFF ASSEMBLY PER UDACS PLATE 4
3. 8"x 8" TEE PER UDACS PLATE 5
4. 8" GATE VALVE
5. 8"x 6" REDUCER
6. 8" 45° ELBOW PER UDACS PLATE 5
7. 8" – 90° ELBOW PER UDACS PLATE 5
8. 8" – 11-1/4° ELBOW PER UDACS PLATE 5
9. 1" WATER SERVICE WITH 3/4" METER PER UDACS PLATE No 1B.
10. IRRIGATION AND POWER CONDUIT, 2–4" & 1–6" SCH. 40 PVC CONDUIT
11. 1" WATER SERVICE WITH 1" METER AND 1" RPPA PER UDACS PLATES 1D & 11A.
12. REMOVE CAP & BLOWOFF; CONNECT TO EXISTING 8" DUCTILE IRON (DIP) STUB
13. INSTALL 8" CAP & 2" BLOW OFF ASSEMBLY PER UDACS PLATE 4
14. REMOVE CAP & BLOWOFF; CONNECT TO EXISTING 8" PVC STUB
15. 8" – 22-1/2° ELBOW PER UDACS PLATE 5
16. 6" 45° ELBOW PER UDACS PLATE 5
17. INSTALL 8" MECHANICAL JOINT TAPPING TEE W/ 8" TAPPING VALVE

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 EVENT NO OTHER APPURTENANCES ARE AVAILABLE.

PRV NOTE: (PRV)

LOTS: 59–65, 99–113, 136–139, 144 & 145

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.

REDUCED PRESSURE PRINCIPLE ASSEMBLY (1) 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.

WATER NOTE:

INSTALL PIPELINE MARKER BALLS IN TRENCH ABOVE EACH HORIZONTAL ELBOW FITTING, PER MANUFACTURER INSTRUCTIONS.

SERVICE LATERALS FOR LOTS 1, 134, 135 & 1" IRRIGATION METER (MINI-PARK) ON ANACAPRI STREET WILL BE TAPPED ON EXISTING MAIN BY OWNER'S CONTRACTOR UNDER DIRECTION OF THE LVVWD.

(IN FEET)
1 inch = 40 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 1-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: Robert Ball DATE: 10/10/02
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.

Robert Ball 10-10-02
CLV FIRE DEPARTMENT DATE

Nass Hall 10/15/02
LAS VEGAS VALLEY WATER DISTRICT DATE

REV	DATE	APPD BY	REVISION
1	11/12/02		STREET NAME CHANGE
2	12/4/02		ADD BLOCK LETTERS

KBHOME
750 Pilot Road, Suite F
Las Vegas, Nevada 89119
(702) 614-2500

Carter:Burgess
Consultants in Planning, Engineering, Construction Management, and Related Services
6655 Bermuda Road
Las Vegas, NV 89110
(702) 938-5400 Fax (702) 938-5454

UTILITY PLAN
SHEET 2 OF 2

CAPRI - UNIT 1 • THE VISTAS
PARCEL Y • SUMMERLIN V-20

DRAWN BY: JAL
DESIGNED BY: JAL
CHECKED BY: WGM
PROJECT NO: 240540
SCALE: 1"=40' HORIZ. N/A VERT.

PROFESSIONAL ENGINEER – STATE OF NEVADA
RICHARD A. LOZANO
No. 14714
EXP. 12/31/03
10/10/02

SHEET 11
11 OF 14 SHEETS

CLV DRAWING NO.
3074-4729-1

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