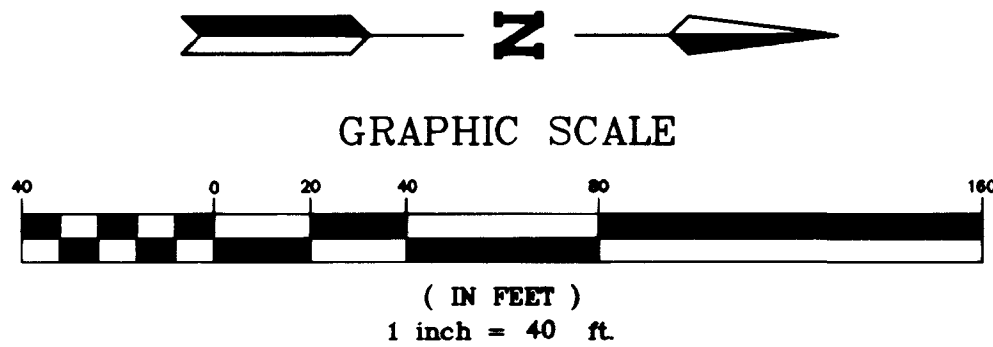


FOR CONTINUATION SEE SHEET U3



HC RAMP DATA

CASE III PER USD DWG. NO. 235

	SLOPE	A (FT)	B (FT)
1	-1.51%	8.0	8.0
2	0.60%	8.0	8.0
3	-0.57%	8.0	8.0
4	-4.90%	4.5	15.0
5	6.70%	21.5	4.5
6	-4.90%	4.5	15.0
7	7.46%	21.5	4.5
8	-4.90%	4.5	15.0
9	7.82%	21.5	4.5
10	5.0%	15.0	4.5
11	-5.5%	4.5	21.5
12	4.02%	15.0	4.5
13	-5.12%	4.5	21.5

APPROVALS:

[Signature] 5-1-98
CITY OF LAS VEGAS FIRE MARSHALL
DATE

[Signature] 7-22-98
LAS VEGAS VALLEY WATER DISTRICT
DATE

[Signature] 5-4-98
NEVADA POWER COMPANY
DATE

THIS APPROVAL IS ONLY FOR THE PLACEMENT AND CLEARANCE OF STREET LIGHT AND SIGNAL LIGHT INSTALLATIONS.

PROJECT NAME: **VINEYARDS UNIT 2**
THE ARBORS @ SUMMERLIN
This project water plan complies with the Las Vegas Valley Water District's technical requirements. However, this water plan is **NOT APPROVED FOR CONSTRUCTION** at this time and this signature does not provide or imply a water commitment.

[Signature] 5-6-98
LVVWD (SHEETS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10)
DATE

CUT AND CAP

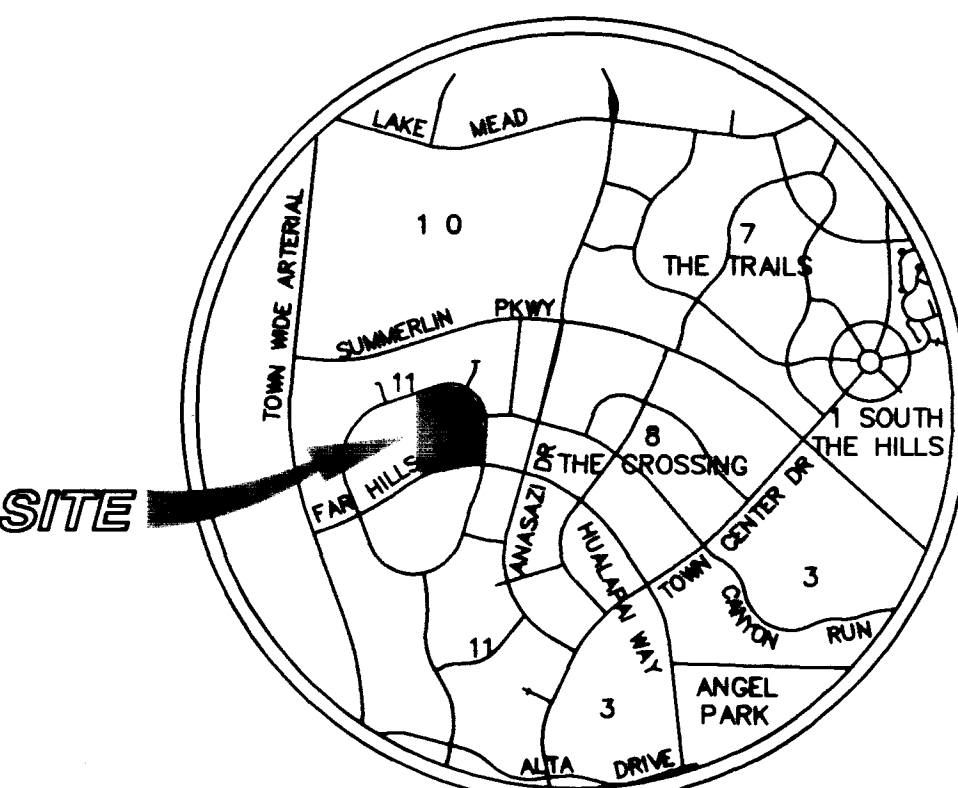
The contractor shall cut the existing pipe where shown on the drawing and install a cap complete with thrust block. Where a joint or coupling in the existing pipe is uncovered at the cut and cap locations, the installation of a plug may be permitted with Agency approval.

NOTES

1. ALL 8" SEWER AND WATER ARE PUBLIC
2. ALL INTERIOR STREETS ARE PRIVATE
3. SEE SHEET U4 FOR FIRE HYDRANT AND STREET LIGHT DETAILS

BENCHMARK

CITY OF LAS VEGAS BENCHMARK
CLV0001954 RIVET & PLATE IN TOP OF CURB NW SIDE OF TOWN CENTER DRIVE & SOUTH CIRCLE ISLAND.
2725.923 NGVD 1929 DATUM (831.6074 M)
2728.37 NAVD 1988 DATUM
2728.19 SUMMERLIN DATUM (USED IN THIS PROJECT)
SUMMERLIN DATUM + 2.18 FEET = NAVD 1988 DATUM



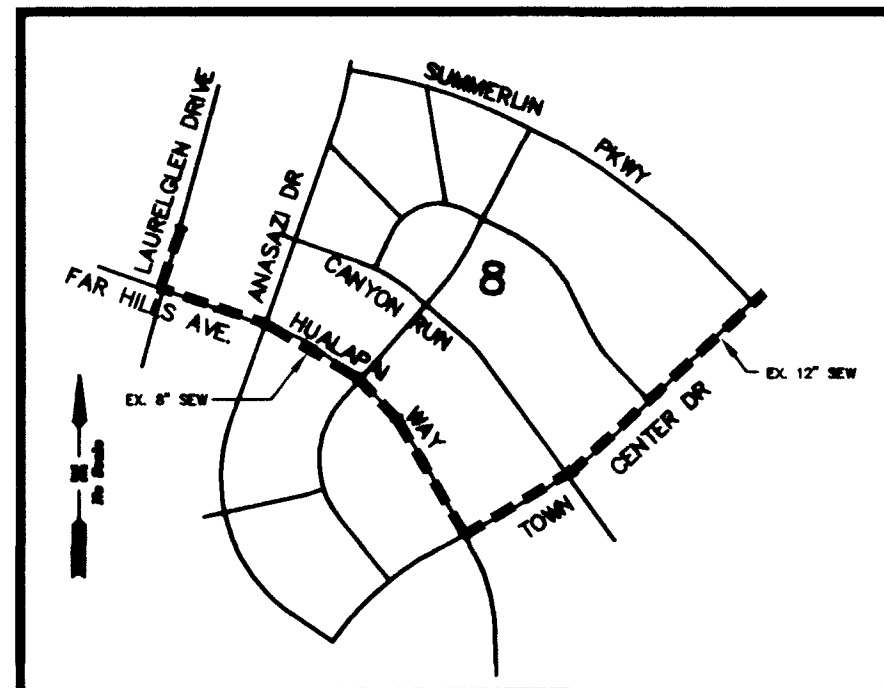
FIRE DEPARTMENT NOTE

FIRE DEPARTMENT APPROVAL

APPROVAL BY THE FIRE DEPARTMENT HAVING JURISDICTION IS REQUIRED PRIOR TO OBTAINING FINAL APPROVAL FROM THE LVVWD. HAS BEEN SUCCESSFULLY TESTED BY THE LVVWD.

FIRE HYDRANT INSTALLATION

FIRE HYDRANT(S) TO BE INSTALLED IN ACCORDANCE WITH THE UDACS STANDARD PLATE NO. 7 (ESN. 014)



EX. SEWER CONTINUATION
THROUGH VILLAGE 8

SERVICE LATERALS FOR LOT 16 BLOCK A WILL BE TAPPED ON EXISTING MAIN BY OWNER'S CONTRACTOR UNDER DIRECTION OF LAS VEGAS VALLEY WATER DISTRICT.

NOTICE!
EXISTING UTILITIES ARE SHOWN ON PLANS FOR THE CONVEYANCE OF THE CONTRACTOR ONLY. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES. THE CONTRACTOR BEARS NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR SHOWN INCORRECTLY.

1-800-227-2800
LAS VEGAS VALLEY WATER DISTRICT

ENGINEERING
COMPANY

ALPHA &

UTILITY PLAN
SOUTHWEST

SHEET

DRAWN BY: 2-17-98
DESIGNED BY: 2-17-98
CHECKED BY: 2-17-98
PROJECT NO: 714905

EDWARD F. TANDY
Professional Engineer
No. 9903
State of Nevada

SHEET
U2
OF 14 SHEETS
DRAWING NO.
3074-4546-2

CHRISTOPHER HOMES

VINEYARDS UNIT 2
THE ARBORS @ SUMMERLIN

SCALE:
1" = 40'

REV. DATE BY

REV. DATE BY

FAR HILLS AVENUE (PUBLIC)
(PER APPROVED CITY DWG # 107Y-4463-28)

LAURELGLEN DRIVE (PUB.)
(PER APPROVED CITY DWG # 107Y-4463-28)

