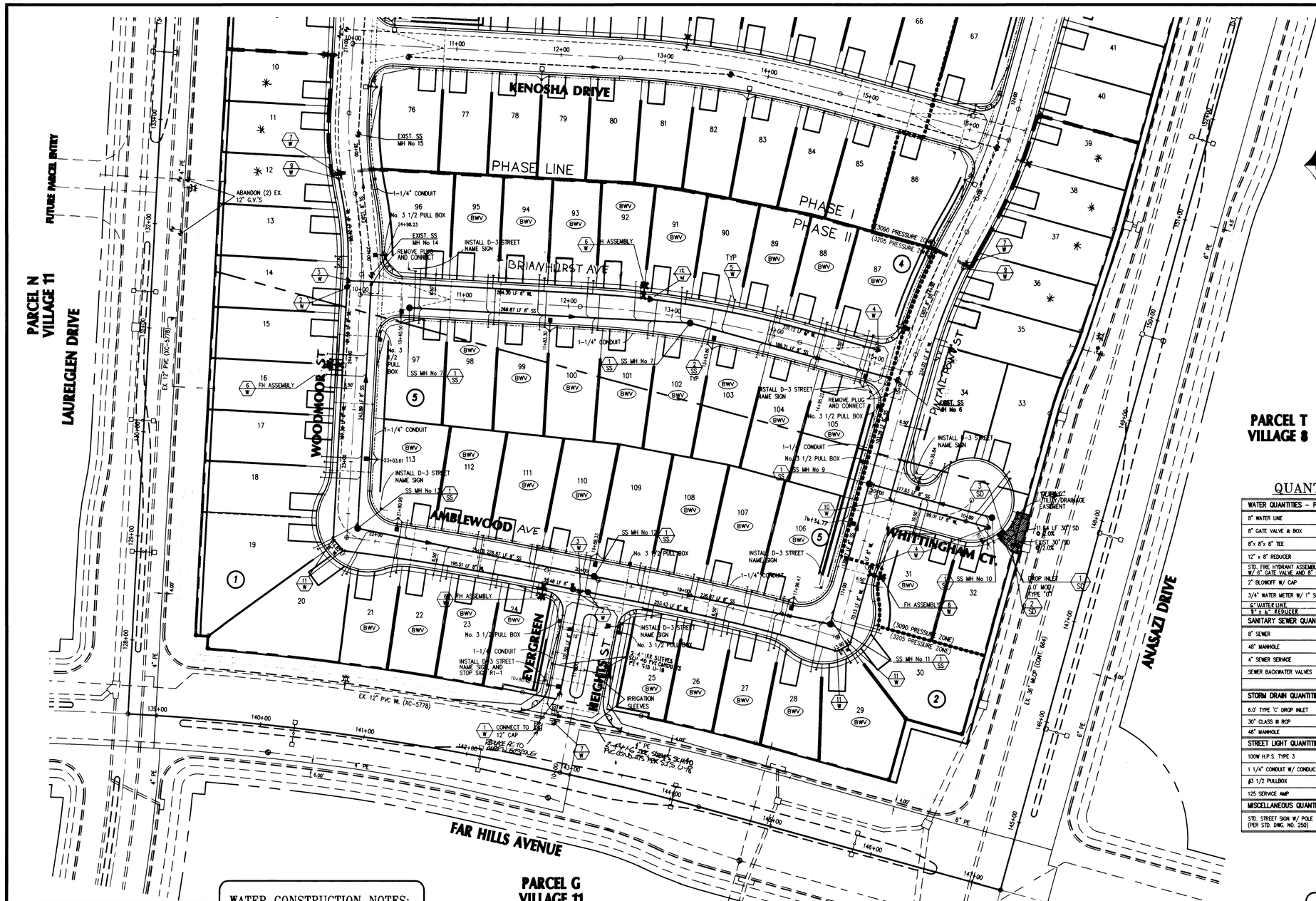

GRAPHIC SCALE

50 0 25 50 100 200

(IN FEET)
1 inch = 50 ft.

PRESSURE ZONE NOTE: 3205 ZONE

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.

SEWER CONSTRUCTION NOTES:

ALL SEWER SHOWN IS PUBLIC AND IS TO BE MAINTAINED BY THE CITY OF LAS VEGAS. INSTALL SEWER PIPES PER SUMMERLIN STD. U-20

- (1/SS) INSTALL 48" DIA. SEWER MANHOLE
- (2/SS) INSTALL 4" SEWER SERVICE

STORM DRAIN CONSTRUCTION NOTES:

INSTALL STORM DRAIN PIPES PER SUMMERLIN STD. U-20

- (1/SD) INSTALL 6.0' TYPE C DROP INLET W/ 1 GRATE SEE SHEET 14
- (2/SD) REMOVE PLUG AND CONNECT TO EXISTING STORM DRAIN PIPE, AND INSTALL 48" MANHOLE
- (3/SD) INSTALL 30" CLASS III RCP STORM DRAIN PIPE

QUANTITIES

WATER QUANTITIES – PUBLIC	
8" WATER LINE	1559 LF
8" GATE VALVE & BOX	5 EA
8"x 8"x 8" TEE	2 EA
12" x 8" REDUCER	1 EA
STD. FIRE HYDRANT ASSEMBLY W/ 6" GATE VALVE AND 8" x 6" TEE	4 EA
2" BLOWOFF W/ CAP	2 EA
3/4" WATER METER W/ 1" SERVICE	50 EA
6" WATER LINE	231 LF
8" x 6" REDUCER	1 EA
SANITARY SEWER QUANTITIES – PUBLIC	
8" SEWER	1528 LF
48" MANHOLE	7 EA
4" SEWER SERVICE	57 EA
SEWER BACKWATER VALVES	33 EA
STORM DRAIN QUANTITIES – PUBLIC	
6.0' TYPE 'C' DROP INLET	1 EA
30" CLASS III RCP	11 LF
48" MANHOLE	1 EA
STREET LIGHT QUANTITIES – PUBLIC	
100W H.P.S. TYPE 3	13 EA
1 1/4" CONDUIT W/ CONDUCTORS	2195 LF
#3 1/2 PULLBOX	7 EA
125 SERVICE AMP	1 EA
MISCELLANEOUS QUANTITIES – PUBLIC	
STD. STREET SIGN W/ POLE (PER STD. DWG. NO. 250)	7 EA

* EXISTING SERVICES NOTE:

(7) – 3/4" WATER METERS LOTS 10-12 & 36-39
IF ANY OF THE EXISTING SERVICES ARE INCORRECTLY LOCATED OR NOT USED FOR ANY REASON, THE DEVELOPER SHALL ABANDON THE LATERALS AT THE CONNECTION TO THE ACTIVE MAIN IN ACCORDANCE WITH THE UDACS AND AT THE DEVELOPER'S EXPENSE.

STREET LIGHT NOTES

ALL STREET LIGHT INSTALLATIONS SHALL CONFORM TO THE STANDARD DETAILS AND SPECIFICATIONS OF THE SUMMERLIN IMPROVEMENT STANDARDS. SEE SHEET 6 FOR STREET LIGHT STATIONS.

BENCHMARK:

CITY OF LAS VEGAS BENCHMARK
OLV001954 RIVET & PLATE IN TOP OF CURB NW SIDE OF TOWN CENTER DRIVE & SOUTH CIRCLE ISLAND

2728.37 NAVD 1988 DATUM (831.6074 M)

BASIS OF BEARINGS:

NORTH 15°23'46" EAST BEING THE BEARING OF THE CENTERLINE OF ANASAZI DRIVE AS SHOWN BY MAP THEREOF ON FILE IN BOOK 64, PAGE 67 OF PLATS IN THE CLARK COUNTY RECORDER'S OFFICE, CLARK COUNTY, NEVADA.

ABANDONED VALVE CUT AND CAP

ALL VALVES TO BE ABANDONED IN THE CLOSED POSITION, UNLESS OTHERWISE, BY REMOVING A MINIMUM OF THE TOP 12 INCHES OF THE VALVE BOX AND THEN FILLING THE REMAINING PORTION OF THE VALVE BOX WITH CONCRETE HAVING A COMPRESSIVE STRENGTH OF AT LEAST 2,000 PSI.

THE CONTRACTOR SHALL CUT THE EXISTING PIPE 3'+ BEYOND THE ABANDONED VALVE AND INSTALL A CAP. WHERE A JOINT OR COUPLING IN THE EXISTING PIPE IS UNCOVERED AT THE CUT AND CAP LOCATION, THE INSTALLATION OF A PLUG MAY BE PERMITTED WITH DISTRICT

APPROVAL. THE CONTRACTOR SHALL INSTALL A CONCRETE THRUST BLOCK IN ACCORDANCE WITH THE PROVISIONS OF THE UDASC PLATE No. 5 AT ALL CAP OR PLUG LOCATIONS.

UTILITY LEGEND

- FIREHYDRANT
- GATE VALVE
- SSMH# SEWER MANHOLE
- SSCO# SEWER CLEANOUT
- SDMH# STORM DRAIN MANHOLE
- WATER MAIN REDUCER
- WATER METER
- DOUBLE DETECTOR CHECK VALVE
- 100W STREET LIGHT
- STREET LIGHT CONDUIT
- (BWV) SEWER BACKWATER VALVE
- (1) BLOCK NUMBER

WATER CONSTRUCTION NOTES:

INSTALL WATER PIPES PER SUMMERLIN STD. U-20

- (1/W) INSTALL 12"x 8" REDUCER
- (1R/W) 8"x 6" REDUCER
- (2/W) INSTALL 8" GATE VALVE & BOX
- (3/W) INSTALL 8"x 8"x 8" TEE
- (4/W) INSTALL 2" BLOW-OFF & CAP
- (5/W) INSTALL 3/4" WATER METER W/ 1" SERVICE
- (6/W) INSTALL FH ASSEMBLY
- (7/W) GATE VALVE MUST BE IN CLOSED POSITION PRIOR TO REMOVAL OF CAP
- (8/W) 8" x 6" TAPPING SLEEVE AND VALVE
- (9/W) REMOVE EXIST. 2" BLOW-OFF AND CAP
- (10/W) 8" – 90° BEND
- (11/W) 8" – 45° BEND

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 OVER-HEAD 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

LOTS WITH BACKWATER VALVES

THE FOLLOWING LOTS ALL REQUIRE SEWER BACKWATER VALVES:
21-29, 31, 87-89, 91-95, 98-108, 110-113
PER C.C.S.D. STD. DWG. No. SD-29

SEWER CONNECTION NOTE

THE DOWNSTREAM SEWER SYSTEM(S) THAT WILL SERVE THIS PROJECT HAS NOT BEEN COMPLETED AND/OR ACCEPTED FOR MAINTAINENCE BY THE C.L.V. ANY WORK DONE ON THIS PROJECTH PRIOR TO THE COMPLETION AND/OR ACCEPTANCE OF THE DOWNSTREAM SEWER SYSTEM(S) SHALL BE DONE AT THE DEVELOPERS OWN RISK. THE CITY OF LAS VEGAS RESERVES THE THE RIGHT TO PREVENT THE PHYSICAL CONNECTION OF THIS PROJECT INTO THE DOWN STREAM SEWER SYSTEM UNTIL ALL SEGEMENTS HAVE BEEN COMPLETED AND ACCEPTED FOR MAINTAINANCE, OR UNTIL SUCH TIME AS THEY HAVE BEEN DEEMED AVAILABLE FOR SERVICE.

PROJECT SEWER FLOW CONTRIBUTIONS – PHASE II

AVERAGE DAILY FLOW	=	0.013 MGD
PEAK DAILY FLOW	=	0.040 MGD

APPROVALS

	DATE
CITY OF LAS VEGAS FIRE MARSHAL FIRE FLOW 1500 GPM @ 20 PSI RESIDUAL	3-29-99
LAS VEGAS VALLEY WATER DISTRICT	5-13-99
NEVADA POWER COMPANY THIS APPROVAL IS ONLY FOR THE PLACEMENT AND CLEARANCE OF STREET LIGHT AND SIGNAL LIGHT INSTALLATIONS.	4/23/99
SOUTHWEST GAS CORPORATION	4-23-99

307Y-4541-2

REVISIONS

No.	Date		CHKD	APPD

DESIGNED: WSW
DRAWN: DL
CHECKED: RT
JOB No: 97Y107010
HORIZ: 1"=50'
VERT: N/A
DATE: 8/11/97

Carter :: Burgess
6655 Bermuda Road
Las Vegas, NV 89119
(702) 938-5400 Fax (702) 938-5454

PROJECT: THE ARBORS PARCEL H & I

DESCRIPTION: WESTBROOK PHASE II UTILITY PLAN

SHEET 7 OF 14

15956 (S) 16862

PHASE LINE

PHASE I

PHASE II

PARCEL H
VILLAGE II

PARCEL C
VILLAGE II

PARCEL F
VILLAGE I

GRAPHIC SCALE

UTILITY LEGEND

PARK CONSTRUCTION NOTES

DISCLAIMER NOTE:

LOTS WITH BACKWATER VALVES

FORCEMAIN NOTE NOTE:

SEWER CONSTRUCTION NOTES:

STORM DRAIN CONSTRUCTION NOTES

EXISTING SERVICES NOTE

STREET LIGHT NOTE

BENCHMARK:

BASIS OF BEARINGS:

ABANDONED VALVE CUT AND CAP

QUANTITIES

PROJECT SEWER FLOW CONSTRUCTIONS – PHASE II

SEWER CONSTRUCTION NOTE

APPROVAL

THE ARBORS
PARCEL F & I

WESTBROOK PHASE II
UTILITY PLAN

7
7 = 14