

**ESTIMATED QUANTITIES**

SEWER (PUBLIC)	
ITEM	QUANTITY
8" PVC SANITARY SEWER	4507 LF
4" SANITARY SEWER LATERALS	2118 LF
48" SANITARY SEWER MANHOLE	30 EA

**NOTE:**  
QUANTITIES SHOWN ARE APPROXIMATIONS ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CALCULATING THE EXACT QUANTITIES FOR BIDDING PURPOSES.

DOUBLE CHECK VALVE ASSEMBLY - 2 - 6"  
APPROVED DOUBLE CHECK VALVE ASSEMBLY(S) SHALL BE INSTALLED PER THE UDACS PLATE 110. NO WATER SHALL BE TAKEN FROM A SERVICE REQUIRING BACKFLOW PREVENTION UNTIL THE DOUBLE CHECK VALVE ASSEMBLY HAS BEEN SUCCESSFULLY TESTED BY THE LVVWD.

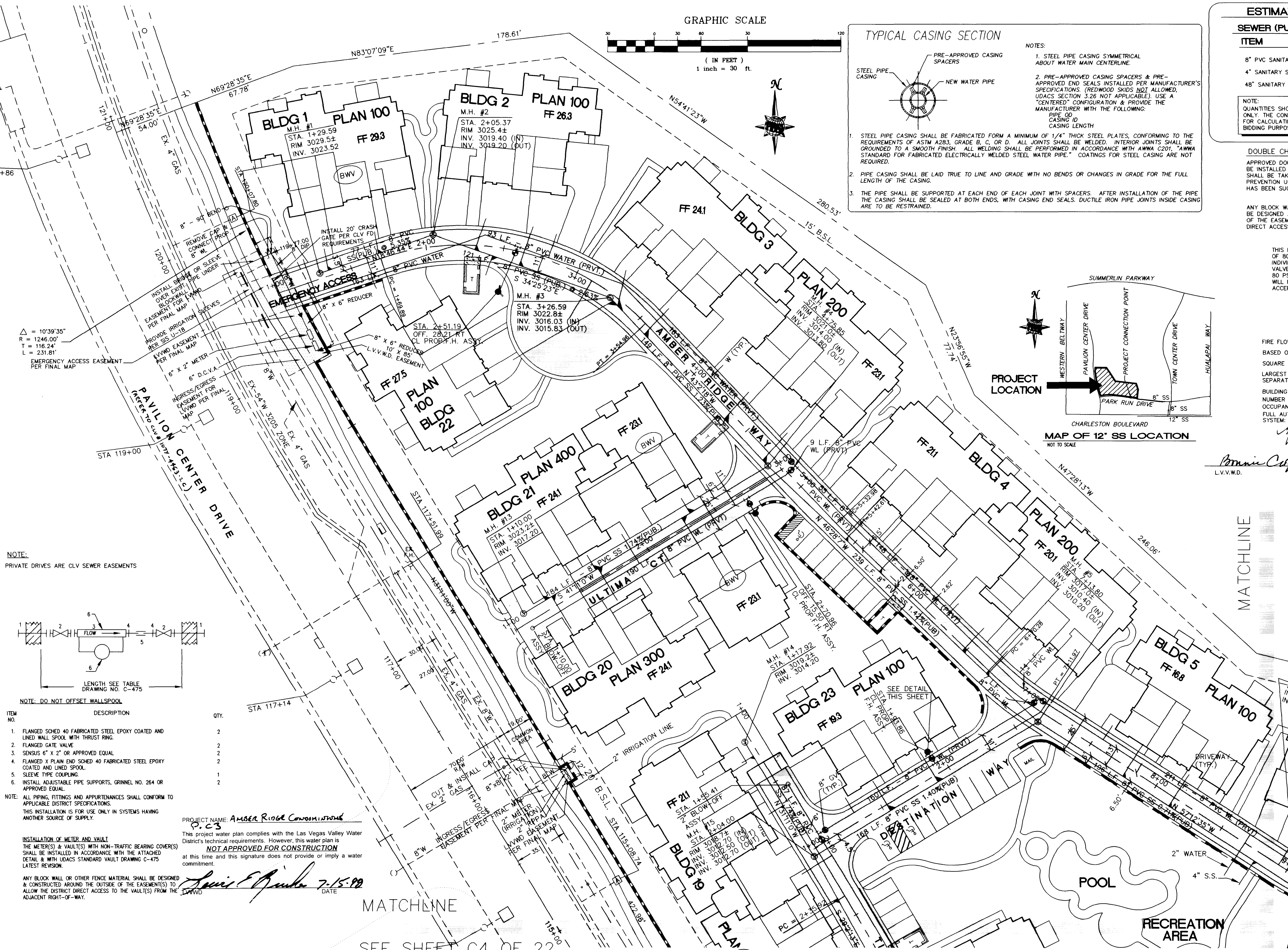
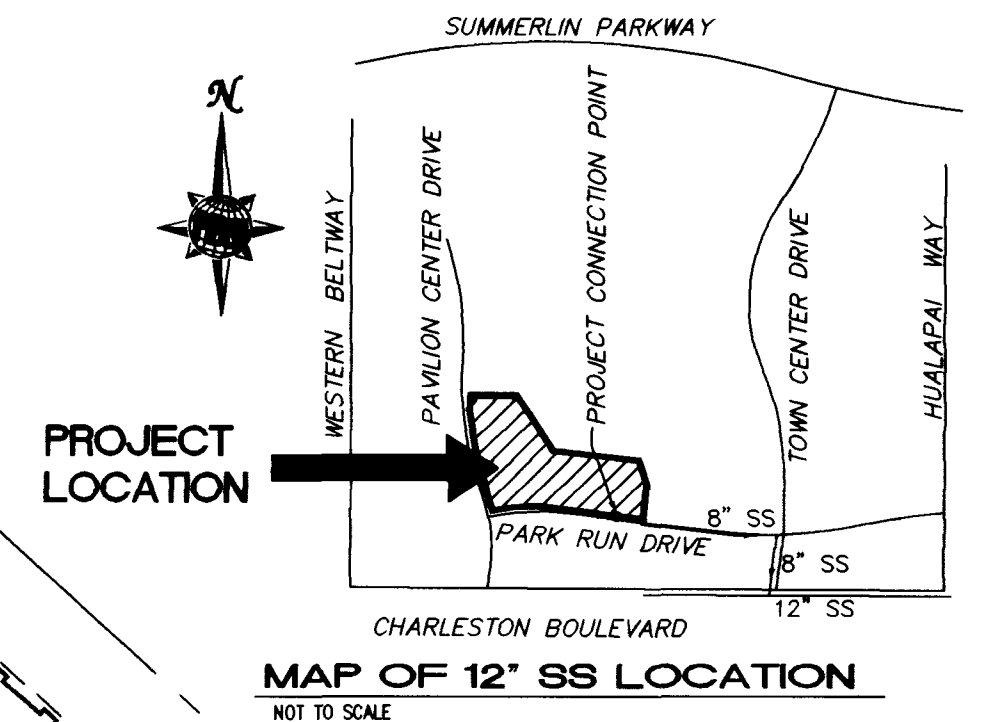
ANY BLOCK WALL OF OTHER FENCE MATERIAL SHALL BE DESIGNED AND CONSTRUCTED AROUND THE OUTSIDE OF THE EASEMENT(S), SO AS TO ALLOW THE DISTRICT DIRECT ACCESS FROM THE ADJACENT RIGHT OF WAY

THIS PROPERTY MAY HAVE STATIC 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. PRVS ARE THE DEVELOPER'S RESPONSIBILITY AND WILL NOT BE INSPECTED OR INCLUDED IN THE ACCEPTANCE OF LVVWD FACILITIES.

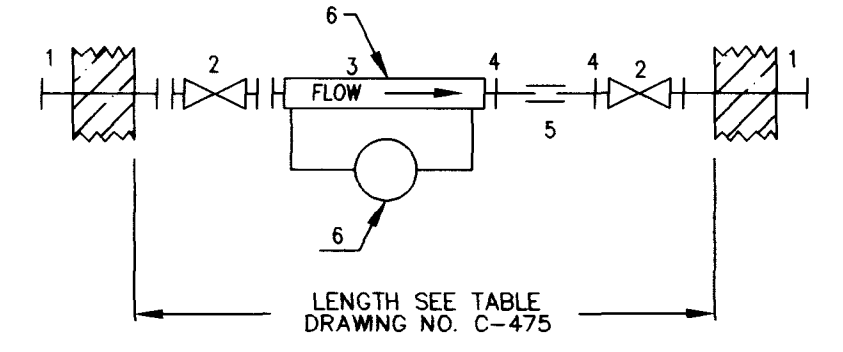
**LAS VEGAS FIRE DEPT.**

FIRE FLOW IS: 1500GPM @ 20 PSI RESIDUAL PRESSURE (MIN.)  
BASED ON: 1712 SQUARE FEET  
SQUARE FOOTAGE: 1712 SQ FT  
LARGEST AREA BETWEEN 1-HR AREA SEPARATION WALLS: 1712 SQ FT  
BUILDING HEIGHT: 2 STORY  
NUMBER OF STORIES: 2  
OCCUPANCY: MULTIFAMILY  
FULL AUTOMATIC FIRE SYSTEM: NO

*Agg. Muller* 7-15-98  
DATE



**NOTE:**  
PRIVATE DRIVES ARE CLV SEWER EASEMENTS



**NOTE: DO NOT OFFSET WALLSPOOL**

ITEM NO.	DESCRIPTION	QTY.
1.	FLANGED SPOOL 40 FABRICATED STEEL EPOXY COATED AND LINED WALL SPOOL WITH THRUST RING.	2
2.	FLANGED GATE VALVE	2
3.	SENSUS 6" X 2" OR APPROVED EQUAL	2
4.	FLANGED X PLAN END SCHED 40 FABRICATED STEEL EPOXY COATED AND LINED SPOOL.	2
5.	SLEEVE TYPE COUPLING	1
6.	INSTALL ADJUSTABLE PIPE SUPPORTS, GRINNEL NO. 264 OR APPROVED EQUAL.	2

**NOTE:** ALL PIPING, FITTINGS AND APPURTENANCES SHALL CONFORM TO APPLICABLE DISTRICT SPECIFICATIONS. THIS INSTALLATION IS FOR USE ONLY IN SYSTEMS HAVING ANOTHER SOURCE OF SUPPLY.

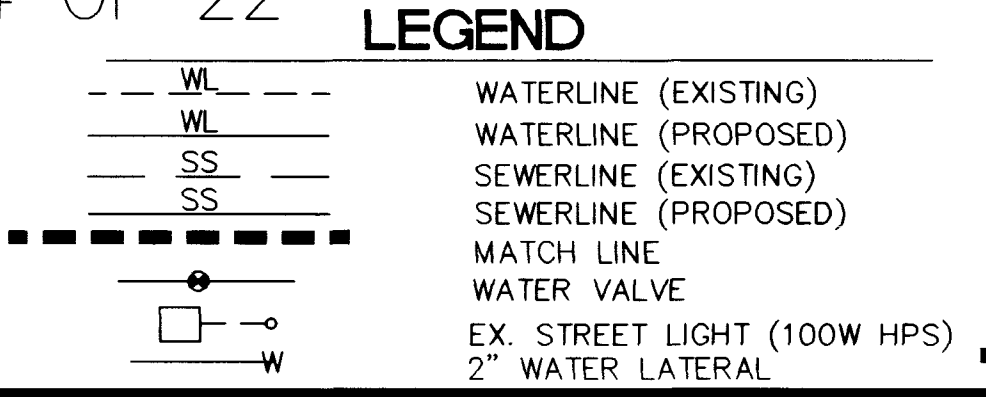
**INSTALLATION OF METER AND VAULT**  
THE METER(S) & VAULT(S) WITH NON-TRAFFIC BEARING COVER(S) SHALL BE INSTALLED IN ACCORDANCE WITH THE ATTACHED DETAIL & WITH UDACS STANDARD VAULT DRAWING C-475 LATEST REVISION.

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

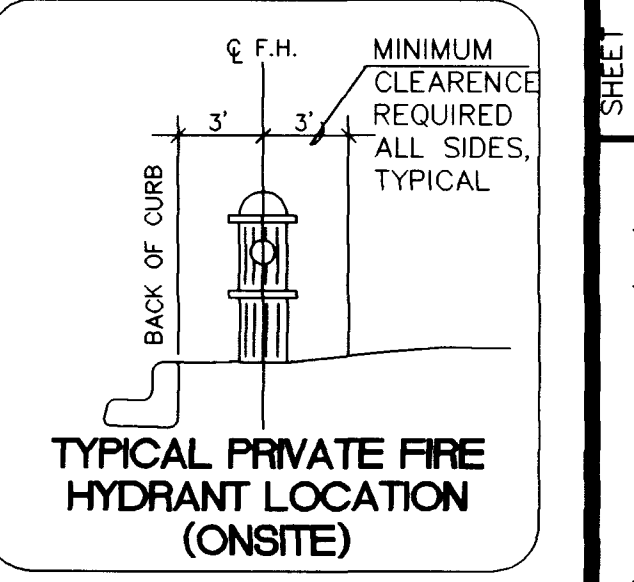
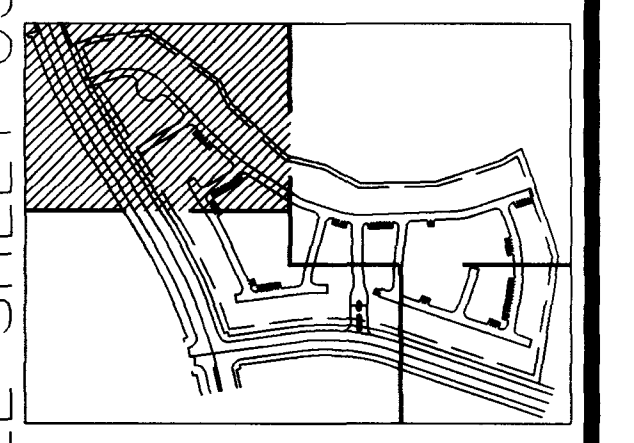
PROJECT NAME: **Amber Ridge Condominiums P.C.**  
This project water plan complies with the Las Vegas Valley Water District's technical requirements. However, this water plan is NOT APPROVED FOR CONSTRUCTION at this time and this signature does not provide or imply a water commitment.  
*Louis P. ...* 7-15-98  
DATE

**PROJECT BENCHMARK**  
G.C. WALLACE CONTROL POINT #187  
PER THE MONUMENTATION CONTROL NETWORK FOR VILLAGES 11 AND 12 OF THE SUMMERLIN MASTER PLANNED COMMUNITY AS RECORDED IN FILE B5 OF SURVEYS, PAGE 17 OFFICIAL RECORDS, CLARK COUNTY, NEVADA  
ELEVATION = 3023.08 (SUMMERLIN DATUM)  
(NAVD 1988 DATUM MINUS 2.2 FEET = SUMMERLIN DATUM)

**REDUCED PRESSURE PRINCIPLE ASSEMBLY 1 - 2"**  
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 & CONSTRUCTED AROUND THE OUTSIDE OF THE EASEMENT(S) TO ALLOW THE DISTRICT DIRECT ACCESS FROM THE ADJACENT RIGHT-OF-WAY.



SEE SHEET C5 OF 22



**PROJECTED SEWAGE FLOWS**  
241 UNITS @ 0.7 ERU PER UNIT  
TOTAL = 168.7 ERU'S = 0.042MGD  
PEAK (USING PEAKING FACTOR OF 3.4)  
PEAK FLOW = 0.143 MGD

**CONSTRUCTION NOTES**  
1. INSTALL 2" MANUAL BLOWOFF ASSEMBLY PER U.D.C.S. STD. PLATE NO. 4

**NOTE**  
CONTRACTOR TO VERIFY LOCATION AND ELEVATION PRIOR TO CONSTRUCTION OF ALL EXISTING UNDERGROUND UTILITIES AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES.

**Call before you Dig**  
1-800-227-2600

**Call before you Overhead**  
1-702-593-8111

**WESTMARK HOMES**

**UTILITY PLAN #1 SHEET**

**AMBER RIDGE CONDOMINIUMS IN THE ARBORS, SUMMERLIN VILLAGE 11/12 - PARCEL "KK"**

DATE: 07/07/98  
DESIGNED BY: 02/26/98  
CHECKED BY: 02/26/98  
PROJECT NO.: 515279  
SCALE: 1" = 30'

**SHEET C3 OF 22 SHEETS**

DRAWING NO. 307Y-4567

