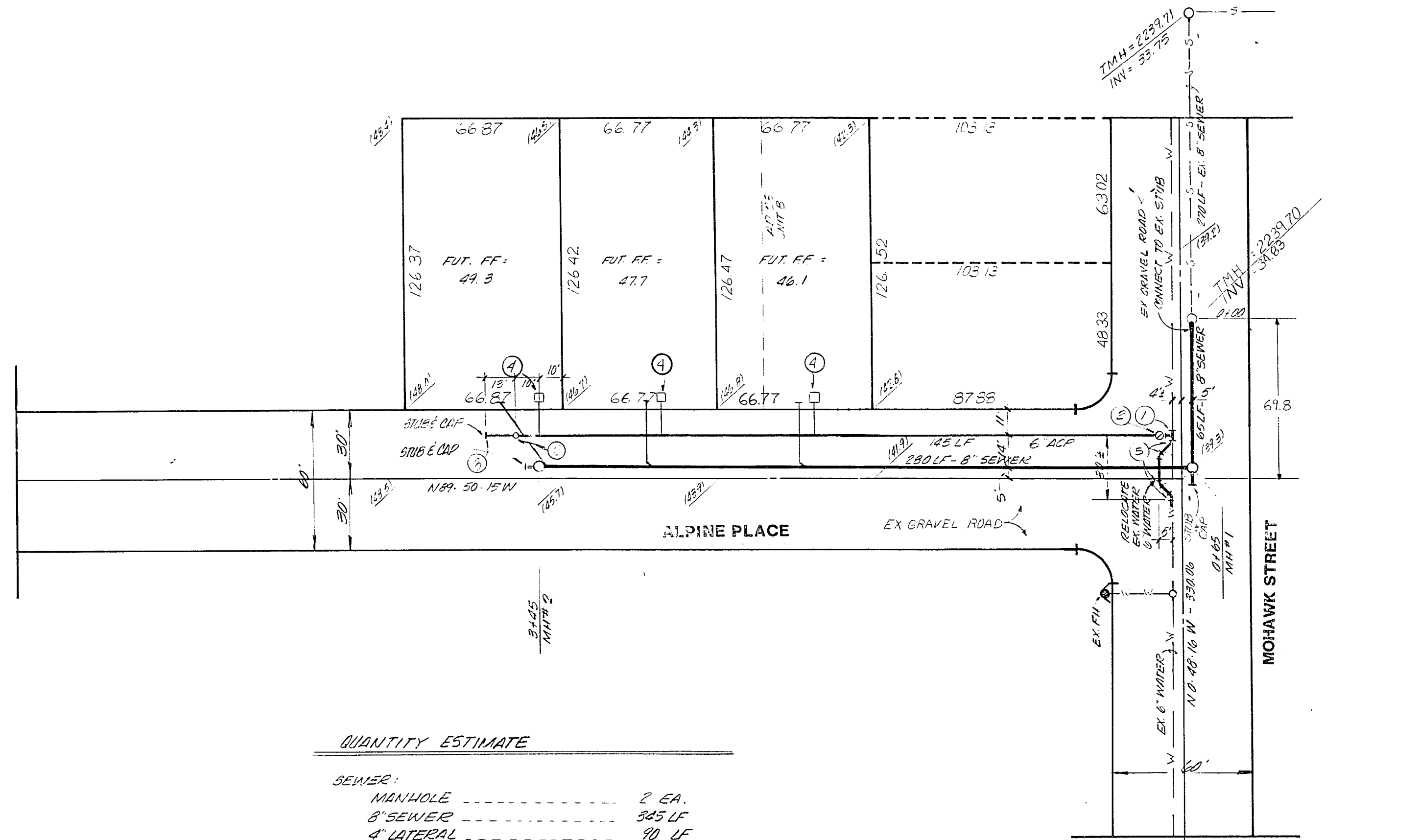


**GENERAL NOTES**

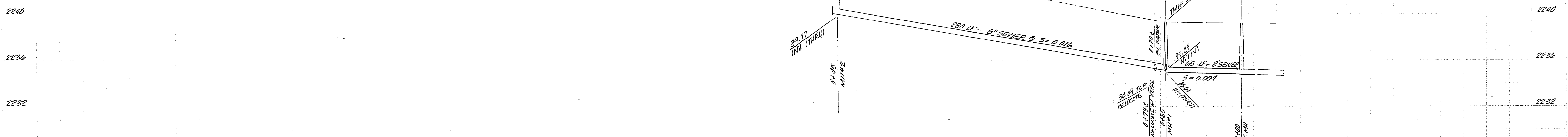
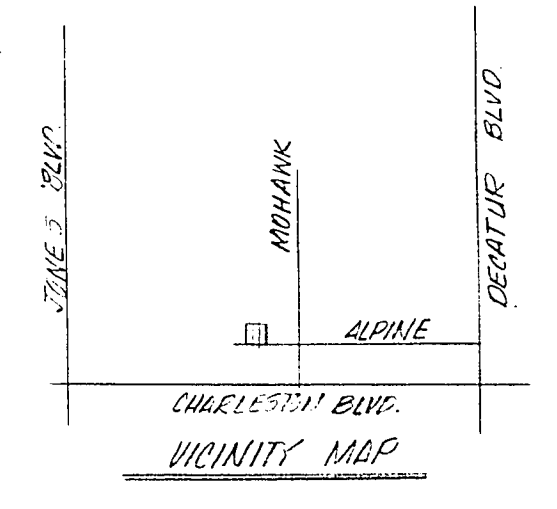
- HOUSE SERVICE SHALL COMPLY WITH WESTERN PLUMBING CODE AS THE SEPARATION DISTANCE.
- ALL HOUSES TO BE SERVED INDIVIDUALLY AS PER SECTION 313 OF THE UNIFORM PLUMBING CODE.
- CONTRACTOR SHALL FURNISH THE ENGINEER WITH AS-BUILT DRAWINGS SHOWING THE EXACT LOCATIONS OF ALL HOUSE CONNECTIONS.
- CONCRETE COLLARS TO BE CONSTRUCTED AROUND ALL MANHOLES AND WATER VALVES.
- CHISEL S OR G WHEREVER SEWER OR GAS LINES PASS UNDER CURB.
- ALL WORK TO CONFORM TO LAS VEGAS VALLEY WATER DISTRICT STANDARD PLATES.
- ALL WORK, EXCEPT AS MODIFIED HEREON OR BY NOTE NO. 1, SHALL BE DONE IN ACCORDANCE WITH THE MOST CURRENT EDITION OR EDITIONS OF UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OFF-SITE IMPROVEMENTS, CLARK COUNTY AREA.
- NOTICE TO BE GIVEN ENGINEERING DEPARTMENT OF THE LAS VEGAS VALLEY WATER DISTRICT 48 HOURS PRIOR TO ACTUAL CONSTRUCTION.
- SERVICES SHOULDS OR TAPPED COLLARS WILL BE REQUIRED ON ALL SERVICES; DOUBLE TAP COLLARS ARE NOT PERMITTED.
- ALL LINES TO BE PRESURED TESTED TO 200 PSI.
- ALL VALVE BOXES SHALL HAVE CONCRETE COLLARS AT SURFACE OF PAVED AREAS.
- DEFLECTION ANGLE SHALL NOT EXCEED 2 1/2 DEGREES PER 10 FOOT SECTION OF PIPE FOR PIPE SIZES SMALLER THAN 14" AND SHALL NOT EXCEED 2 DEGREES FOR PIPE SIZES BETWEEN 14" AND 18".
- ALL METERS SHALL BE LOCATED OUTSIDE OF DRIVEWAYS.
- SERVICE LATERALS FOR LOTS WILL BE TAPPED ON EXISTING MAIN BY OWNER'S CONTRACTOR UNDER DIRECTION OF THE LAS VEGAS VALLEY WATER DISTRICT.
- DETECTOR TAPE REQUIRED IN ACCORDANCE WITH STANDARD PLATE NO. 27 WHERE INDICATED AND AS FOLLOWS:
  - OVER ALL MAINSHOT INSTALLED AT 6 FEET FROM BACK OF CURB.
  - OVER ALL SERVICES LATERALS NOT INSTALLED AT RIGHT ANGLES TO MAINS.
- INSTALL WATER SERVICES PER LVWD STD. PLATE 1-A.

- All construction and materials shall be in accordance with the "Uniform Standard Specifications for Public Works Construction Off-site Improvements, Clark County Area Nevada", issued 1978; the "Uniform Standard Drawings for Public Works Construction, City of Las Vegas, any other applicable approved standards issued by the controlling agency; the Uniform Building Codes and all Local City Codes and Ordinances Applicable.
- The existence and location of any underground utility pipes or structures shown on these plans are obtained by a search of the available records. To the best of our knowledge there are no existing utilities except as shown on these drawings. The contractor is required to take precautionary measures to protect the utility lines shown and any other lines not of record or not shown on these drawings.
- All grades are referenced to the top of the construction grade stakes or nails and this rule shall be observed: Three consecutive construction grade stakes or nails corresponding to three consecutive points shown on the approved plans as a straight grade shall be used in common and any variation shall be reported in writing before work process. Contractors doing otherwise shall proceed at their total risk and responsibility.
- The quantity estimates shown hereon are approximate and no one is to rely upon them for pay quantities. Each and every contractor shall have a set of approved plans and specifications on the job site at all times and shall rely upon them to a higher degree than the construction stakes in prosecuting the work.
- All construction shall be as shown on these plans, any alterations shall have the prior approval of the City Engineer.
- Contractor shall provide all necessary Horizontal and Vertical Transitions for proper drainage, extent of transitions shall be as shown or as determined by City Engineer or Inspector.
- If any curb grades are shown on plan less than 0.40%, it is required by this office that the forms be checked by a survey crew prior to concrete placement. A 48 hour notification of work is required. If this office is not notified, it will assume no responsibility for finished product.



**QUANTITY ESTIMATE**

<b>SEWER:</b>	
MANHOLE	2 EA.
8" SEWER	345 LF
4" LATERAL	70 LF
<b>WATER:</b>	
5" LOP	155 LF
1. 6" x 6" (M.I.)	1 EA.
2. 6" GATE VALVE	2 EA.
3. " BLOWOFF	1 EA.
4. 3/4" METER W/SERVICE	3 EA.
5. 4" ELL.	4 EA.



**APPROVALS**

*[Signature]* 7-12-83  
 CLV CITY ENGINEER DATE

*[Signature]* 7-12-83  
 CLV QUALITY CONTROL DATE

*[Signature]* 7-5-83  
 CLV SANITATION CHIEF DATE

*[Signature]* 6/29/83  
 LVWD DATE

*[Signature]* 7-5-83  
 CLV FIRE MARSHALL DATE

SUBMITTED BY  
*[Signature]*  
 PAUL VALENTINE  
 CIVIL ENGINEER  
 REG. NO. 5916 NV

6/22/83 DATE

7/15/83 CLV  
 7/15/83 OK 7/19/83  
 KEY 1 - RELAYATE EX. WATER LINE FOR SEWER SEPARATION.  
 7/14/83 PSL

ENGINEERS & SURVEYORS INCORPORATED		7022 W. CHARLESTON BLVD. LAS VEGAS, NEV. 89117 PHONE: 702-363-6415	
<b>SEWER &amp; WATER PLAN</b>			
FOR LARRY EWELL			
DRWN 5E2	DES REY	CHKD. DER	DATE 6-2-83
WO. NO. 830801	H. SCALE 1"=10'	V. SCALE 1"=4'	SHEET 1 OF 1

22-1-148 307-V562