

QUANTITY ESTIMATE  
 4" DIA. MAN HOLE 8 ea  
 8" VCP SEWER 2214 LF  
 WYE 3 ea  
 4" VCP LATERAL 1460 LF

Backfill shall be ANY EXCAVATED IMPORTED or transported material which is free from large lumps greater than 6" in diameter and free of organic material to be compacted by flooding or tamping to 85% density unless otherwise specified by the soils engineer.

Gravel and pavement to be placed by others to specifications shown on improvement plans.

Backfill for 6" minimum over pipe with selected sand or gravel no larger than 2" and placed by hand for pipe smaller than 27".

FOR BEDDING SEE DWG. NO. 551.1

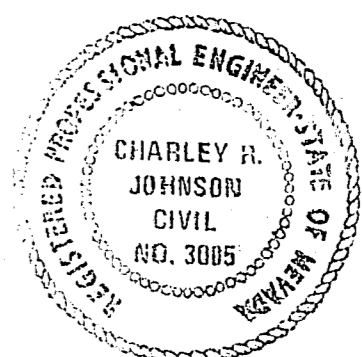
TRENCH DETAIL

GENERAL NOTES

- HOUSE SERVICES 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 Line Pass Under the Curb

APPROVALS

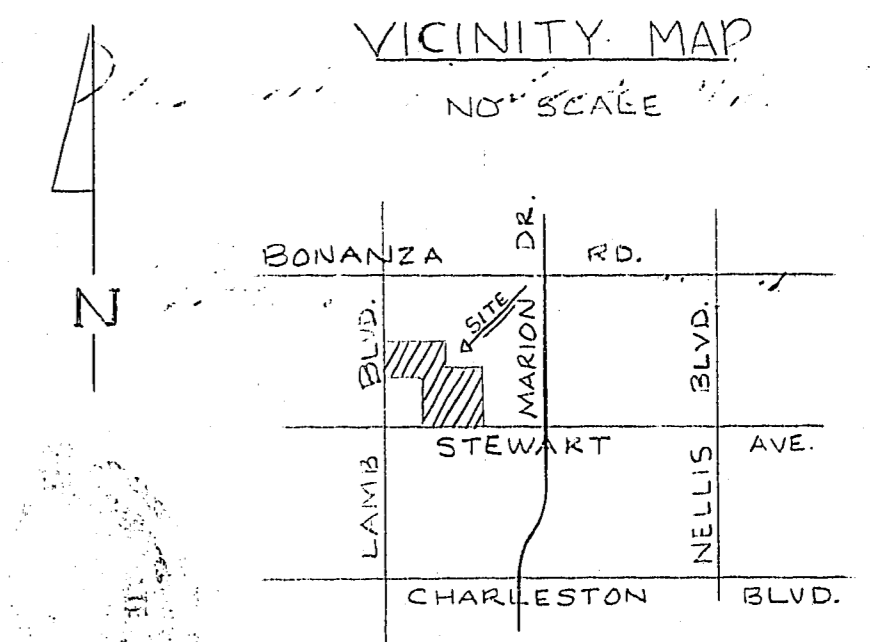
*R. A. Antos* 11-1-77  
 CITY SANITATION SUPT. DATE  
*William Harris* 1/7/77  
 LAS VEGAS CITY ENGINEER DATE  
*Robert W. Webb* 11-7-77  
 LAS VEGAS FIELD ENGINEER DATE  
*Joseph* 1/2/77  
 COUNTY CONTROL ENGINEER DATE



SUBMITTED BY

*Charley R. Johnson* 9/21/77  
 CHARLEY R. JOHNSON, R.P.E. DATE  
 NEV. CERT. NO. 3005

VICINITY MAP  
 NO. SCALE



**van** CONSULTING ENGINEERS • PLANNERS  
 2200 PARADISE ROAD, LAS VEGAS, NEVADA 89102  
 (702) 735-0227

**METROPOLITAN PARK  
 UNIT NO. 16  
 MASTER SEWER PLAN**

SCALE: 1" = 50'	WO. NO. 2529-16	DATE 9/21/77	SHEET	OF
HORIZ:	DES. CS	REV.	6	10
VERT:	CHK.	REV.		

307-148 307-216-16