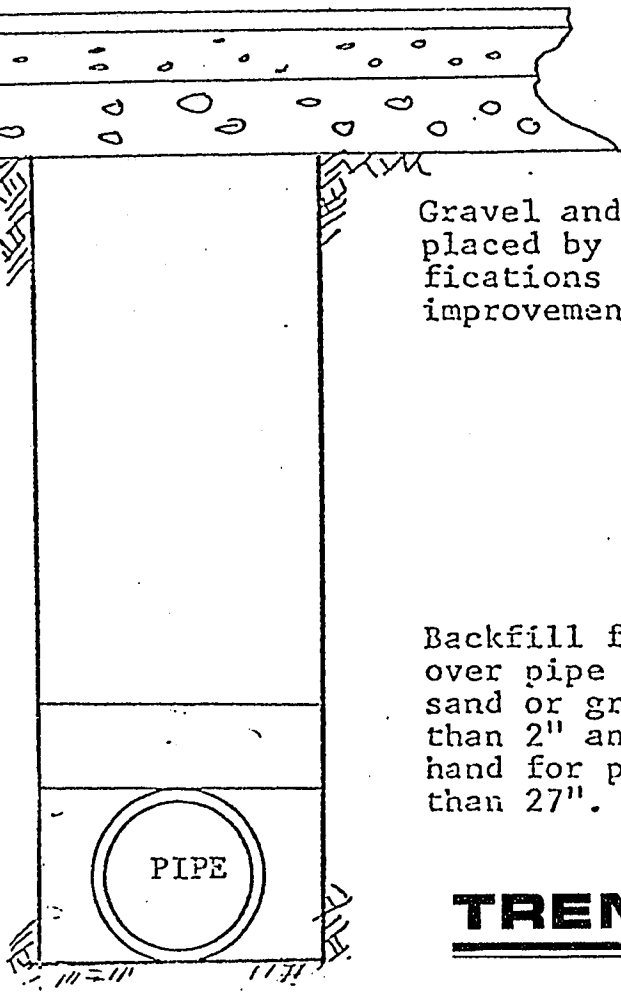


Backfill shall be ANY EXCAVATED IMPORTED or transported material which is free from large lumps greater than 6" in diameter and free of organic material to be compacted by flooding or tamping to a density specified by the soils engineer.

Trench detail for VCP pipe sewer only. If PVC alternate is used, then trench backfill to comply with City of Las Vegas Inter-office Memorandum dated January 23, 1980.

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

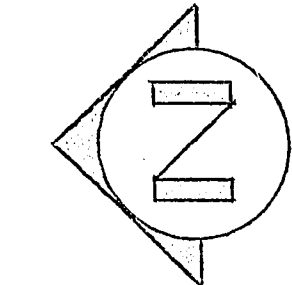
Backfill for 12" minimum over pipe with selected sand or gravel no larger than 2" and placed by hand for pipe smaller than 27".



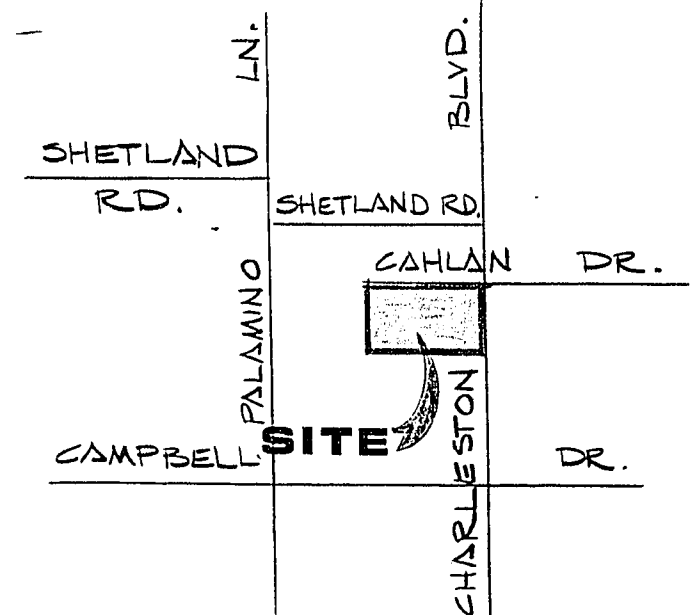
TRENCH DETAIL

EXISTING RESIDENTIAL

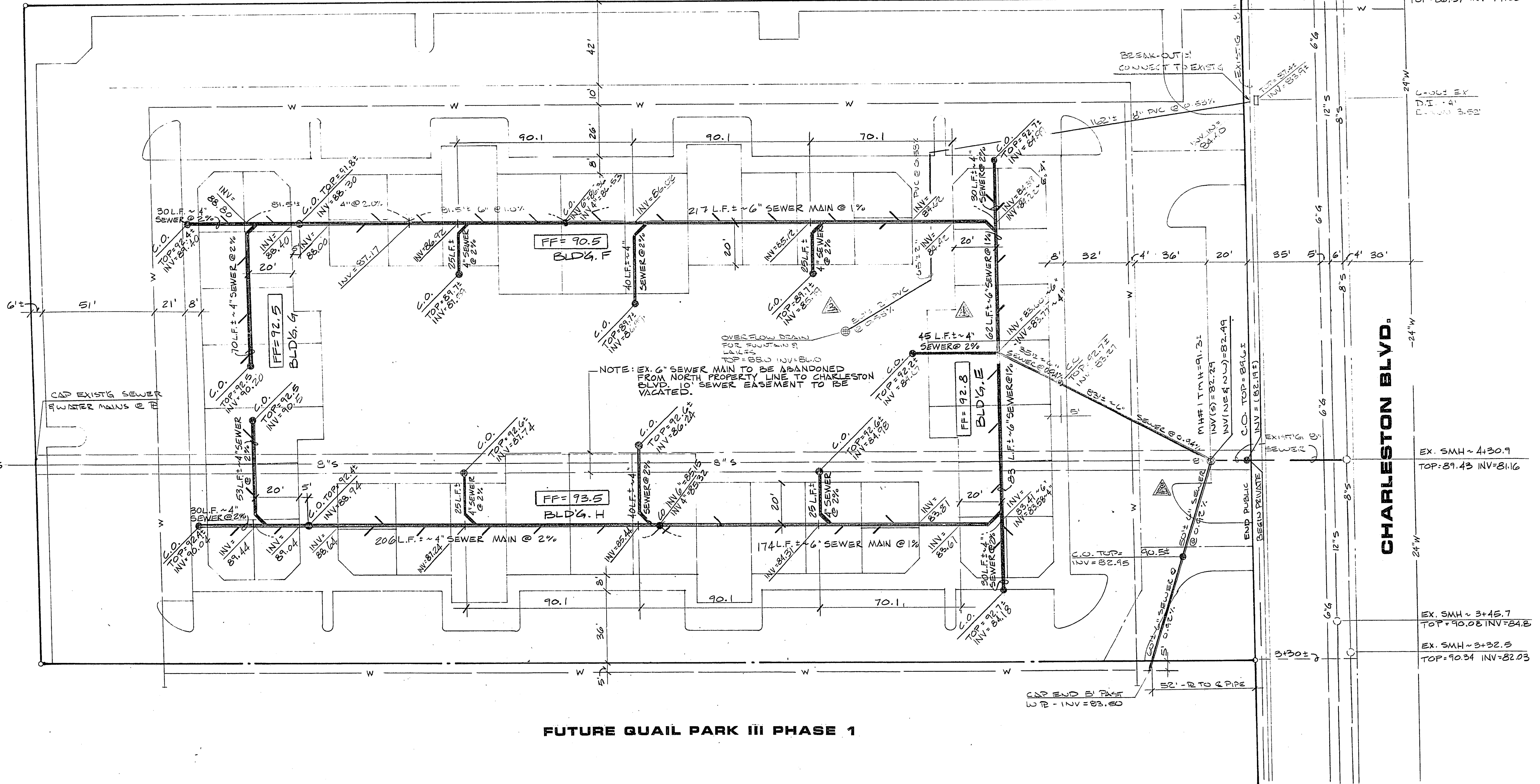
FUTURE QUAIL PARK III PHASE 1



SCALE: 1" = 30'



VICINITY MAP



GENERAL NOTES

- HOUSE SERVICES SHALL COMPLY WITH WESTERN PLUMBING CODE AS TO 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.

QUANTITY ESTIMATES

PUBLIC QUANTITIES	
STD. 4" MANHOLE	EA
8" DIA. SEWER MAIN	LF±
CLEAN OUT	EA
PRIVATE QUANTITIES:	
CLEAN-OUT	20 EA
6" SEWER MAIN	845 LF±
4" SEWER MAIN	756 LF±
6" x 4" SERVICE WYES	21 EA
4" x 4" SERVICE WYES	21 EA

BENCHMARK

CLV BENCHMARK NO. 1615A3
CHARLESTON BLVD. & STRONG DR.
S.E. COR. ELEV. = 2077.314

APPROVALS

P.P. Antor 7-26-82
CLV SANITATION ENGINEER DATE
William Thomas
CLV FIELD OPERATIONS ENGINEER DATE
William Thomas
CLV QUALITY CONTROL ENGINEER DATE

MASTER SEWER PLAN

QUAIL PARK III PHASE 2

WO NO.	2978-2
BY	MJB
DATE	7-14-82
SCALE	1" = 30'

SHEET	4
OF 7 SHEETS	

REVISION
1. REVISION 3. CORRECTION OF OFF-
2. REVISION 2. CORRECTION OF OFF-
3. REVISION 1. CORRECTION OF OFF-
DATE BY
7-15-82 MJB
10-14-82 MJB
10-14-82 MJB
10-14-82 MJB

DATE
7-14-82

CONSULTING ENGINEERS • PLANNERS
2800 W. Sahara Ave. • Las Vegas, Nevada 89102
Bldg. 4, Suite B • (702) 873-7550
vtn nevada