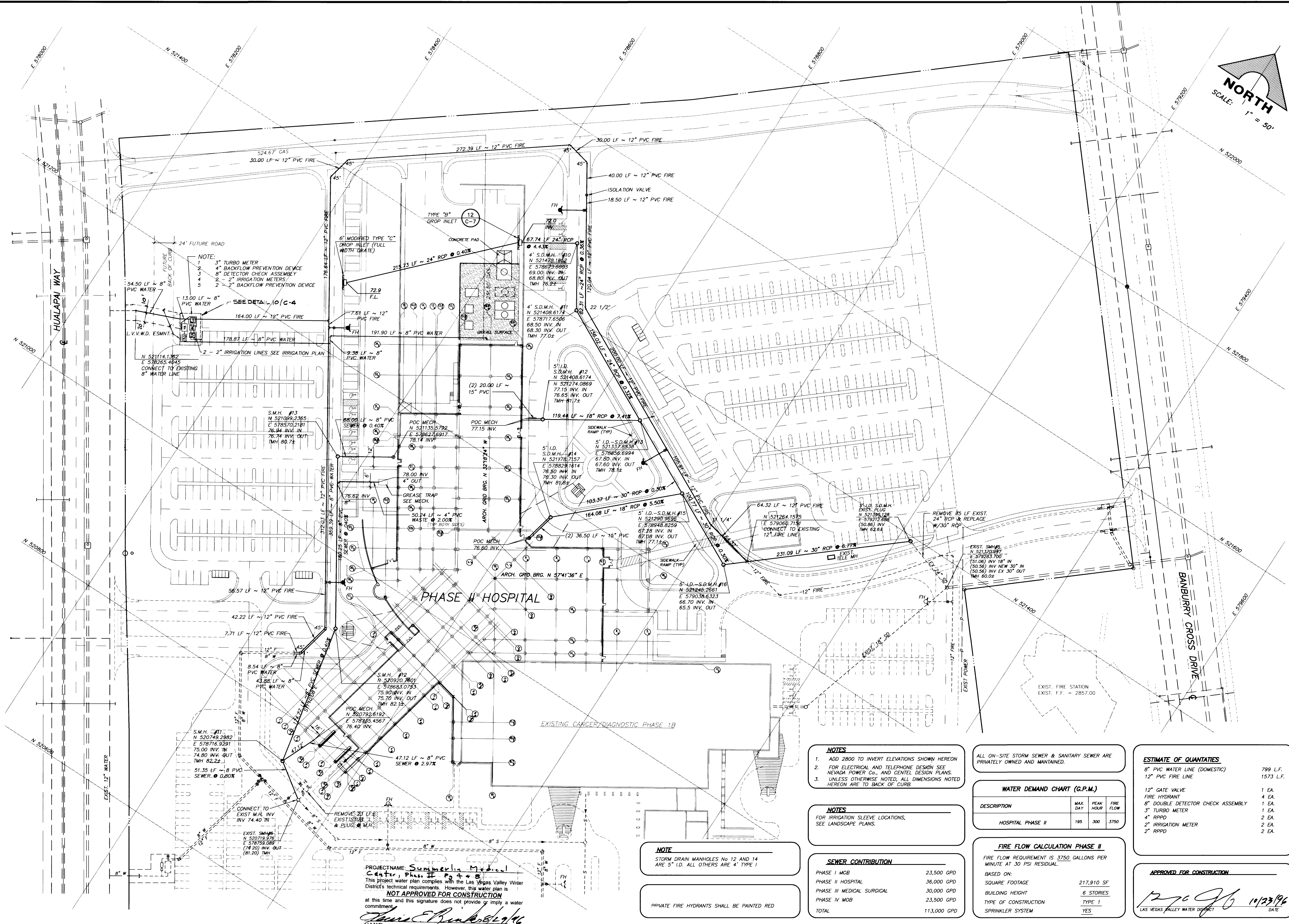




PROJECT NAME: Summerlin Medical Center, Phase II
 This project water plan complies with the Las Vegas Valley Water District's technical requirements. However, this water plan is NOT APPROVED FOR CONSTRUCTION at this time and this signature does not provide or imply a water commitment.
 [Signature] 8/29/96
 LVWWD DATE

NOTE
 STORM DRAIN MANHOLES No 12 and 14 ARE 5" I.D. ALL OTHERS ARE 4" TYPE I
 PRIVATE FIRE HYDRANTS SHALL BE PAINTED RED

- NOTES**
1. ADD 2800 TO INVERT ELEVATIONS SHOWN HEREON
 2. FOR ELECTRICAL AND TELEPHONE DESIGN SEE NEVADA POWER CO., AND CENTEL DESIGN PLANS.
 3. UNLESS OTHERWISE NOTED, ALL DIMENSIONS NOTED HEREON ARE TO BACK OF CURB.

NOTES
 FOR IRRIGATION SLEEVE LOCATIONS, SEE LANDSCAPE PLANS.

SEWER CONTRIBUTION

PHASE I MOB	23,500 GPD
PHASE II HOSPITAL	36,000 GPD
PHASE III MEDICAL SURGICAL	30,000 GPD
PHASE IV MOB	23,500 GPD
TOTAL	113,000 GPD

ALL ON-SITE STORM SEWER & SANITARY SEWER ARE PRIVATELY OWNED AND MAINTAINED.

WATER DEMAND CHART (G.P.M.)

DESCRIPTION	MAX. DAY	PEAK HOUR	FIRE FLOW
HOSPITAL PHASE II	195	300	3750

FIRE FLOW CALCULATION PHASE II
 FIRE FLOW REQUIREMENT IS 3750 GALLONS PER MINUTE AT 30 PSI RESIDUAL.
 BASED ON:
 SQUARE FOOTAGE 217,910 SF
 BUILDING HEIGHT 6 STORIES
 TYPE OF CONSTRUCTION TYPE 1
 SPRINKLER SYSTEM YES

ESTIMATE OF QUANTITIES

8" PVC WATER LINE (DOMESTIC)	799 L.F.
12" PVC FIRE LINE	1573 L.F.
12" GATE VALVE	1 EA
FIRE HYDRANT	4 EA
8" DOUBLE DETECTOR CHECK ASSEMBLY	1 EA
3" TURBO METER	1 EA
4" RPPD	2 EA
2" IRRIGATION METER	2 EA
2" RPPD	2 EA

APPROVED FOR CONSTRUCTION
 [Signature] 11/23/96
 LAS VEGAS VALLEY WATER DISTRICT DATE

