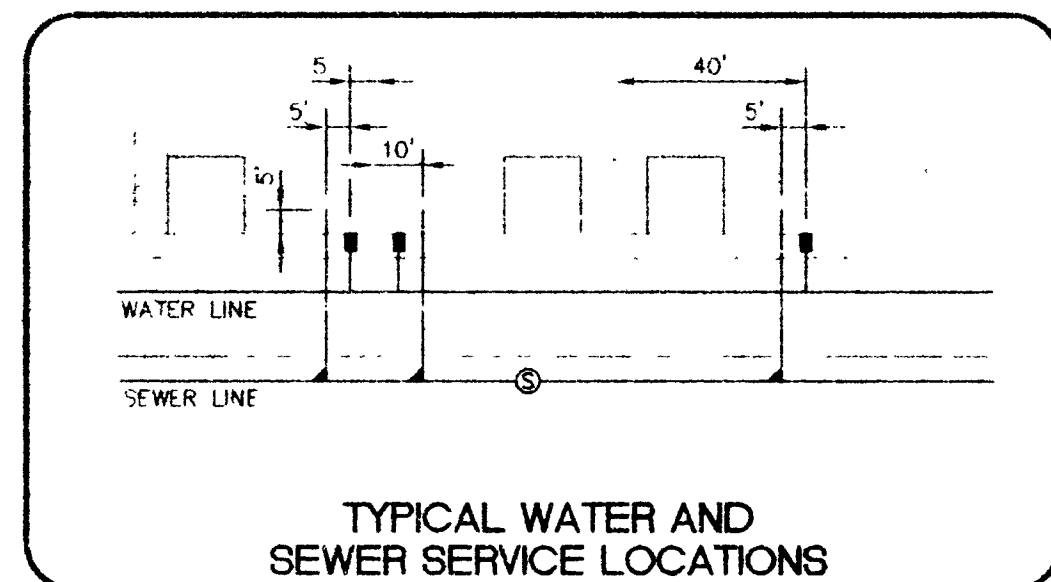
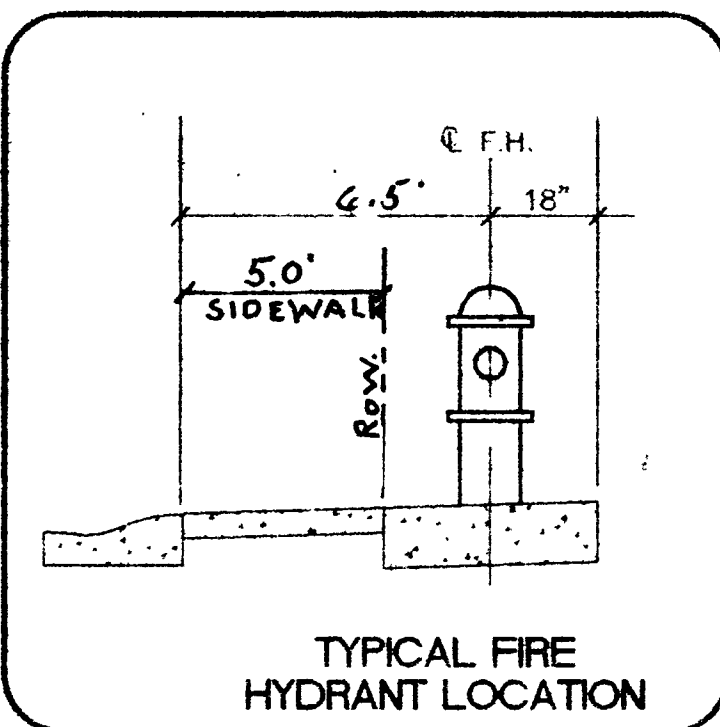
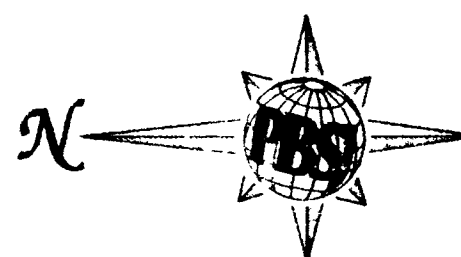
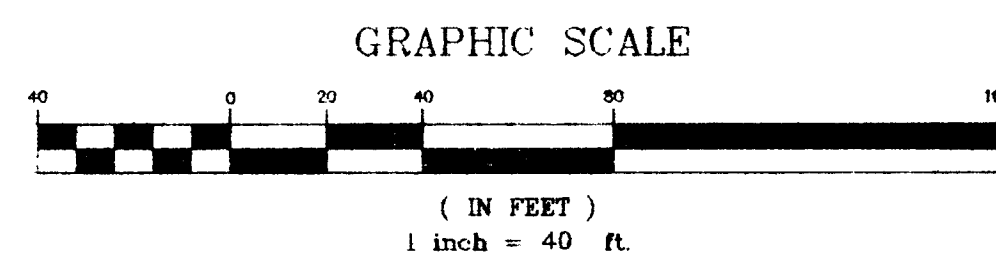




DRIVEWAY LOCATIONS SHOWN ARE GRAPHIC REPRESENTATIONS ONLY. DIMENSIONS AND LOCATIONS SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.



PROJECT NAME: **ELKHORN SPRINGS PARCEL 6**
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.

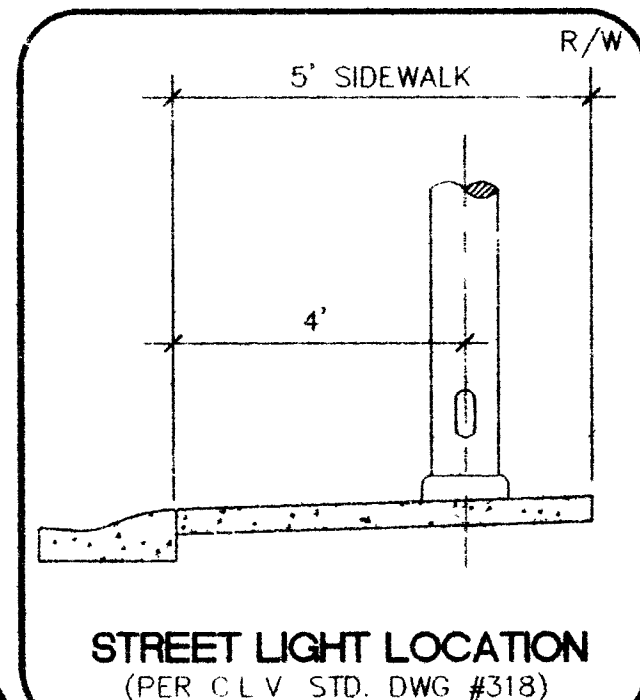
[Signature] 02/18/96
LIVED Date

LEGEND

WL	WATERLINE
SS	SEWERLINE
---	PROPERTY LINE
○	100' STREETLIGHT
—	WATER SERVICE LATERAL W/METER AND METER BOX
—	SEWER LATERAL
○	SEWER MANHOLE
○	FIRE HYDRANT ASSEMBLY (INCLUDES 8"x6" TEE & 6" GATE VALVE)
○	BLOW-OFF ASSEMBLY
○	STREET NAME SIGN (D3)
○	STOP SIGN (R1-1)
○	SPEED LIMIT SIGN (R2-1)
—	1 1/4" PVC ELEC. CONDUIT
—	EXIST. STREET LIGHT

ESTIMATED WATER QUANTITIES

6" WATERLINE	183 LF
8" WATERLINE	2148 LF
FIRE HYDRANT (INCLUDES 8"x6" TEE & 6" GATE VALVE)	5 EA
8"x8" TEE	3 EA
8" GATE VALVE	5 EA
8"x6" REDUCER	1 EA
2" BLOW-OFF ASSEMBLY	1 EA
1" WATER SERVICE LATERAL WITH 3/4" METER	58 EA



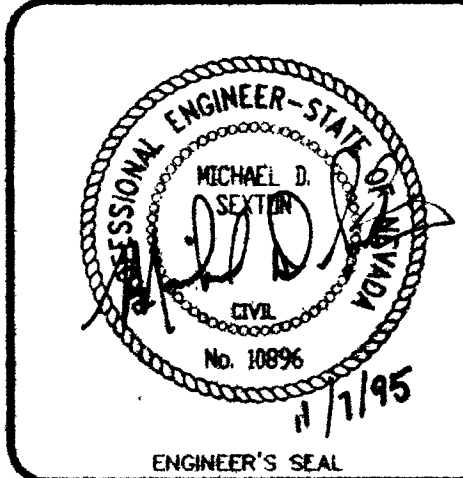
STREET LIGHT NOTE:
ALL HAND HOLE COVERS MUST BE INSTALLED. POLE CAPS POURED, AND PULL BOX LIDS BOLTED DOWN PRIOR TO ENERGIZING CIRCUIT. ALL WIRE MUST HAVE THW INSULATION.

SEE SHEET 2 FOR UTILITY NOTES

FIRE FLOW INFORMATION - C.L.V. FIRE DEPARTMENT
THE FIRE FLOW REQUIREMENT IS 1500 GPM AT 20 PSI RESIDUAL PRESSURE.
OCCUPANCY: SINGLE FAMILY RESIDENCE
EST. SQUARE FOOTAGE: 2200
HEIGHT: ONE STORY
TYPE OF CONSTRUCTION: V-NR
SPRINKLER SYSTEM: NO
ESTIMATED FIRE FLOW: 1500 GPM

[Signature] 11-9-95
CITY OF LAS VEGAS FIRE DEPARTMENT DATE

[Signature] 3-01-96
LAS VEGAS VALLEY WATER DISTRICT DATE



Job Number	5848	Drawn by	Scale	1" = 40'
Sheet Number	4 OF 8	Checked by	File No.	848MP
Date	11/1/95	Date	11/1/95	
Project Name	ELKHORN SPRINGS PARCEL 6 UTILITY PLAN	Project Name	ELKHORN SPRINGS PARCEL 6 UTILITY PLAN	
Revisions	No.	Revisions	No.	
Date		Date		
Appr.		Appr.		

SEWAGE FLOW CALCULATIONS
ELKHORN SPRINGS PARCEL 6

AVERAGE DAILY FLOW
58 D/U = 58 E.R.U.'S
58 E.R.U.'S x 250 gpd/ERU = 14,500 gpd

PEAK FLOW
14,500 GPD / 1,000,000 gpd = 0.0145mgd
FROM TABLE C Pg. T-3 CLARK COUNTY SANITATION DISTRICT
PEAKING FACTOR = 3.45
PEAK FLOW =
3.45 PF x 14,500 gpd = 50,025 gpd OR 0.05 mgd

11-7-28 307Y-4299-6

