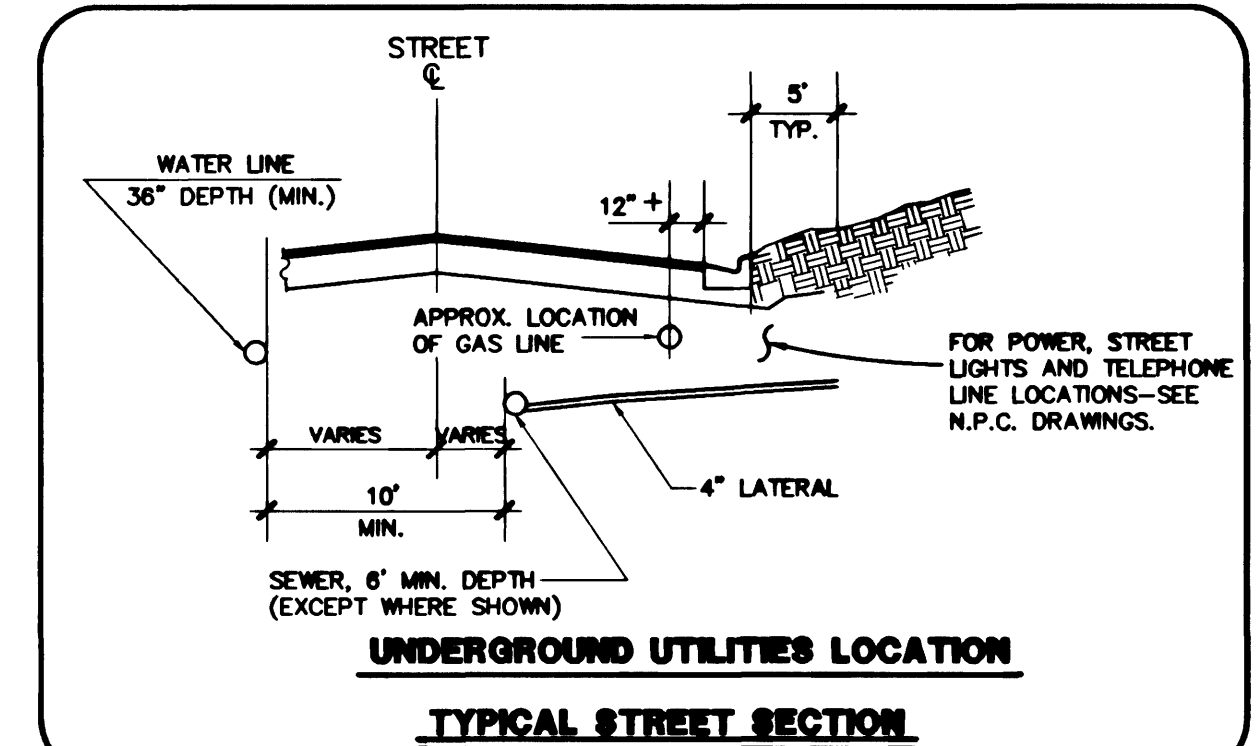
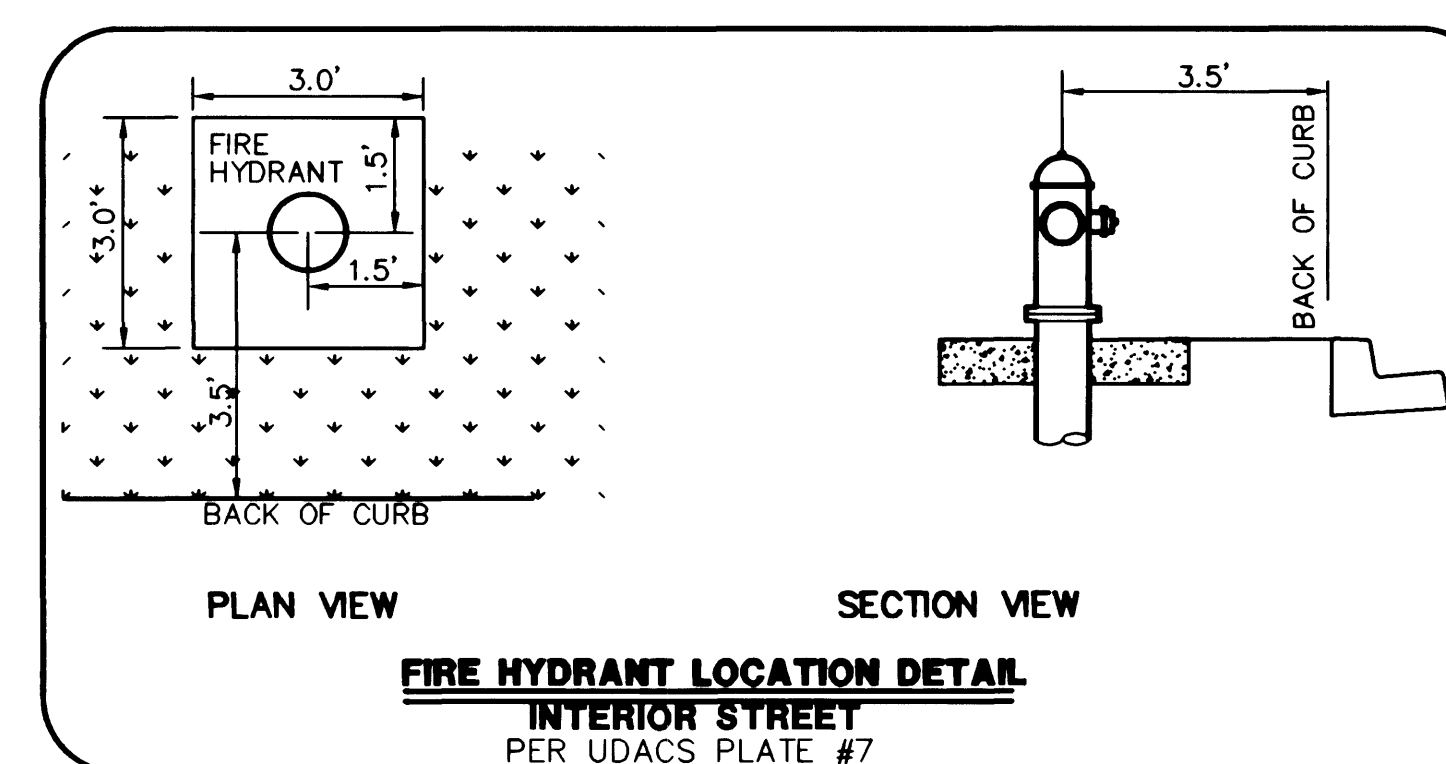


SSMH #	STREET ALIGNMENT	STATION	OFFSET	RIM	INV. ELEV. N	INV. ELEV. E	INV. ELEV. S	INV. ELEV. W
11	SOLEDAD CANYON	1+07.50	3'-R	2361.7±	-	-	2354.70	-
12	CASTLEBERRY PEAK	5+33.43	4'-R	2358.4±	-	2350.86	-	2351.06
13	AUDRIA FALLS	1+68.28	4'-R	2358.4±	-	2351.48	-	-
14	AUDRIA FALLS	5+36.01	4'-L	2356.2±	-	2348.89	-	2349.09

APPROVED FOR CONSTRUCTION

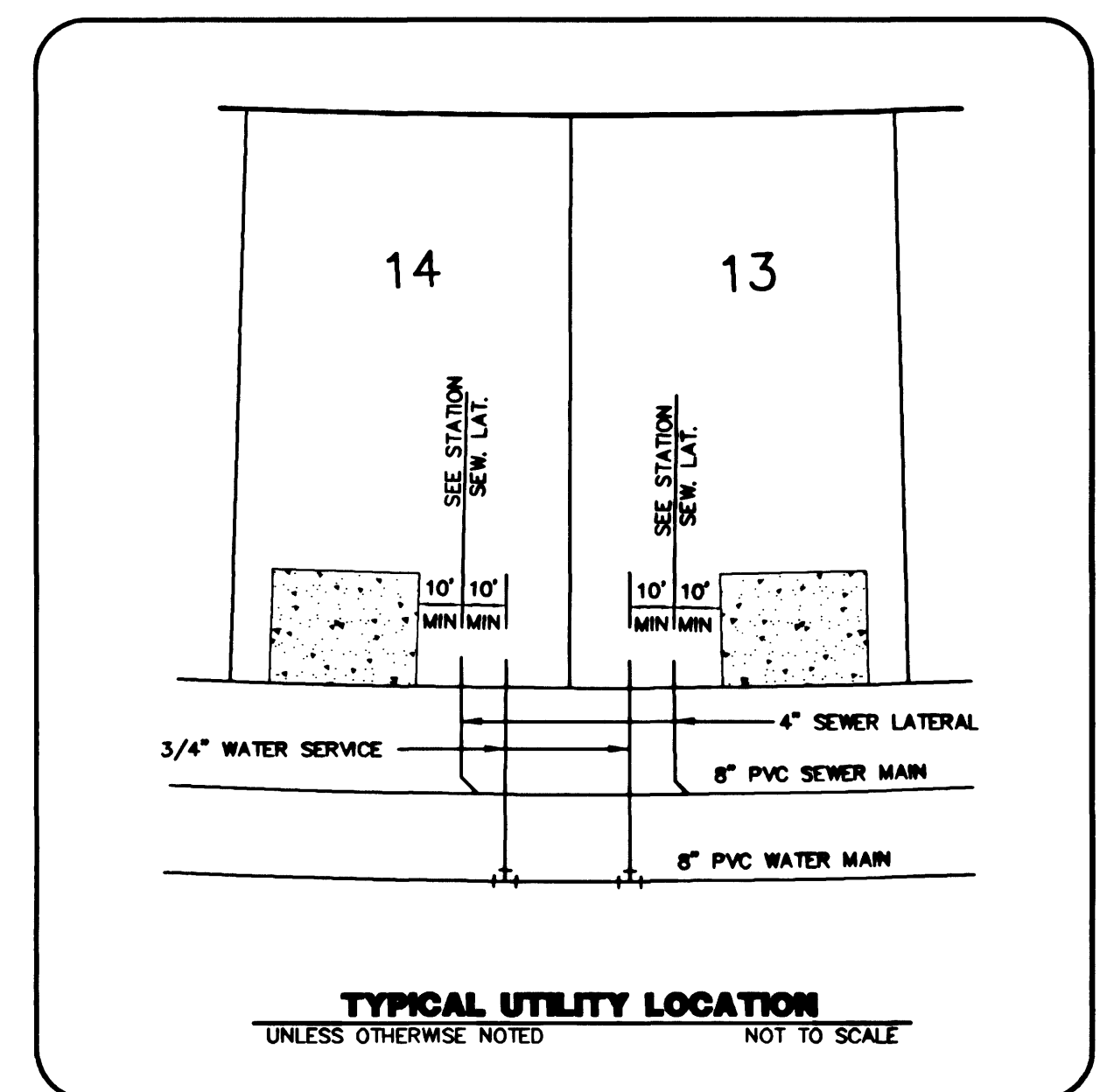
LAS VEGAS VALLEY WATER DISTRICT

DATE _____



<u>ESTIMATE OF WATER QUANTITIES</u>		
1	STD. FIRE HYDRANT W/6" G.V. & 6" PVC LATERAL	4 EA
2	12" WATER MAIN	- LF
3	8" WATER MAIN	1734 LF
4	6" WATER MAIN	96 LF
5	2" BLOW-OFF ASSEMBLY W/ CAP	1 EA
6	1" TYPE K COPPER SERVICE	42 EA
7	3/4" METER PER UDACS PLATE 1D	42 EA
8	1" METER BOX AND COVER	42 EA
9	12" GATE VALVE W/BOX	- EA
10	8" GATE VALVE W/BOX	1 EA
11	12" TEE	- EA
12	12"x8" TEE	- EA
13	8"x8" TEE	1 EA
14	8"x6" REDUCER	- EA
15	16"x8" REDUCER	1 EA
16	8" 90° BEND	- EA
17	8" 45° BEND	- EA
18	6" WET TAP	1 EA
19	4" SCHEDULE 40 PVC LANDSCAPE IRRIGATION SLEEVES	- LF
20	1" IRRIGATION LINE W/R.P.P.A.	- EA
21	1" WATER METER	- EA

<u>TRAFFIC SIGN LEGEND AND QUANTITIES</u>		
	STREET NAME SIGNS (2 PER POLE)	4 EA.
	STOP SIGNS (R1-1 24"24")	4 EA.
	END OF ROAD SIGNS (3 - 18" RED REFLECT. DIAMONDS)	- EA.
	TYPE III BARRICADES	- EA.



FIRE FLOW CALCULATIONS

FIRE FLOW REQUIREMENT IS: 1750 GALLONS PER MINUTE
AT 20 PSI RESIDUAL PRESSURE.

BASED ON:

SQUARE FOOTAGE:	4,790	SQUARE FEET
LARGEST AREA BETWEEN 4-HOUR AREA SEPARATION WALLS:	NA	SQUARE FEET
BUILDING HEIGHT:	NA	FEET
NUMBER OF STORIES:	1	FLOOR
TYPE OF CONSTRUCTION:	TYPE V-N	
OCCUPANCY:	RESIDENTIAL	
FULL AUTOMATIC FIRE SPRINKLER SYSTEM:	N/A	

Reviewed By:
Date:

*NOTE: ONSITE SUBMITTAL REQUIRED WITH BUILDING DETAIL APPROVAL IS FOR ONSITE CONSTRUCTION FIRE PROTECTION OF 750 GPM ONSITE.

[illegible]