

Call before you Dig.
 1-800-227-2600

BASIS OF BEARINGS
 N 83° 06' 41" W BEING THE CENTER LINE OF HILLWOOD DR. PER PLAT BK. 51, PG. 26.

BENCHMARK
 CITY OF LAS VEGAS B.M. #0LV00 19S4, RIVET & ALUM. PLATE IN TC @ NE COR. OF TOWN CENTER DRIVE & SOUTH CIRCLE ISLAND NAVD '88 ELEV. = 831.6074 M = 2728.37' TOPOGRAPHIC INFORMATION PROVIDED BY WESCO SURVEYS, INC., DATED 3/1/01

- LEGEND
- ① FIRE HYDRANT ASSY. PER UDACS PLATE #7.
 - ② 8" TAPPING VALVE.
 - ③ 8" x 8" MECH. JOINT TAPPING TEE.
 - ④ 3" TYPE "K" COPPER (Cu) SERVICE CONNECTOR.
 - ⑤ 2" METER & 2" TYPE K COPPER (Cu) LATERAL PER UDACS PLATE #10. (w/ 2" 90° BEND)
 - ⑥ 2" REDUCED PRINCIPLE PRESSURE ASSEMBLY PER UDACS PLATE #11A.
 - ⑦ 8" DOUBLE CHECK DETECTOR CHECK (TYPE "N" PER UDACS PLATE #20B).
 - ⑧ 15' x 15' LVVMD EASEMENT.
 - ⑨ 2-1/2" ABOVE GROUND FIRE DEPARTMENT CONNECTION (FDC). INCLUDES 90° BEND, RISER, THRUST BLOCK & CONCRETE PAD.
 - ⑩ 4" CHECK VALVE (FOR "FDC").
 - ⑪ 8" x 4" TEE.
 - ⑫ 8" CHECK VALVE (FOR "FDC").
 - ⑬ 8" POST INDICATING VALVE ("PIV") w/ TAMPER SWITCH.
 - ⑭ 8" x 6" REDUCER.
 - ⑮ 8" GATE VALVE.
 - ⑯ 14' x 24' LVVMD EASEMENT
 - ⑰ 10" 90° BEND
 - ⑱ 10" 22-1/4" BEND
 - ⑲ 8" TEE
 - ⑳ EX. AREA LIGHT TO BE RELOCATED.
 - ㉑ EX. IRRIGATION BOX & VALVES TO BE RELOCATED.
 - ㉒ AC PAVEMENT PATCH PER S.I.S. #J-21
 - ㉓ 8" 90° BEND
 - ㉔ ADJUST MANHOLE TO NEW GRADE
 - ㉕ 10" 45° BEND
 - ㉖ 2-4" & 1-8" SCH 40 PVC SLEEVES (PER S.I.S. DWG #J-18)
 - ㉗ 10" x 6" TEE
 - ㉘ 10" x 8" REDUCER
 - ㉙ 8" 90° BEND
 - ㉚ JENSEN #500 EE (500 GAL. GREASE INTERCEPTOR W/ CAST IRON FRAME & COVER)

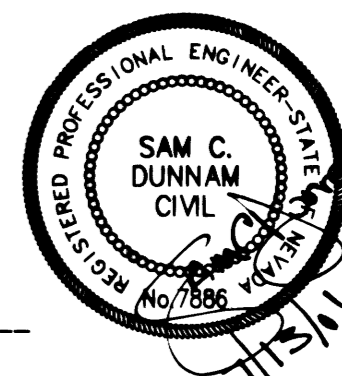
SEE SHEET #7

"FIRE FLOW DATA - UFC APPENDIX III-A"

BUILDING HEIGHT	51'-8"
NUMBER OF STORY	TWO
U.F.C. TYPE OF CONSTRUCTION	V-1 HR.
U.B.C. OCCUPANCY RATING	B / A2.1
LARGEST AREA BETWEEN 4-HOUR WALLS	36,875 SQ. FT.
GROUND FLOOR	27,767 SQ. FT.
2ND FLOOR	9,108 SQ. FT.
	36,875 SQ. FT.

FIRE SPRINKLERS PROVIDED
 ESTIMATED FIRE FLOW AT 20 PSI RESIDUAL 1750 GPM

F.D. REVIEWED BY: *[Signature]*
 DATE: 8/12



NO.	DATE	REVISION
1	4/19	ADD GREASE INTERCEPTOR, REVISE SEWER & WATER PER MP&E

DUNNAM CIVIL ENGINEERS
 3471 WEST COLEMAN ROAD
 SUITE 101
 LAS VEGAS, NV 89108
 (702) 799-0088
 (702) 367-8945 FAX

LAS VEGAS DENTAL INSTITUTE PHASE II
 UTILITY PLAN

SHEET **6** OF FOURTEEN
 CLV DRAWING # 107-V2878-3
 SCALE: 1" = 20'