

BENCHMARK and VERT. DATUM

CITY OF LAS VEGAS
BENCH MARK #1LV106S4
RIVET & PLATE IN TOP OF CURB, NORTHEAST RETURN
OF SAHARA AVENUE & GRAND CANYON DRIVE.
ELEVATION= 869.7072 METERS (NAVD 88)

CONVERSION TO U.S. SURVEY FEET
3.280833333 x 869.7072 = 2853.364 FEET

BASIS OF BEARING

CENTERLINE OF WEST SAHARA AVENUE PER THE
RECORDED SUBDIVISION PLAT OF WELLINGTON
COMMERCIAL CENTER (A COMMERCIAL
SUBDIVISION), RECORDED JAN. 14, 1998, BOOK
82, PAGE 86 OF PLATS BEARING BEING
S89°47'47"W.

LAS VEGAS FIRE DEPARTMENT

FIRE FLOW IS 2,875 GPM AT 20 psi RESIDUAL PRESSURE

BASED ON: 45,771 SF
SQUARE FOOTAGE: 45,771 SF
AREA BETWEEN 4 HOUR AREA
SEPARATION WALLS: 0 SF
BUILDING HEIGHT: 44 FT
NUMBER OF STORIES: 3
TYPE OF CONSTRUCTION: V-N
OCCUPANCY: R1
FULL AUTOMATIC FIRE SYSTEM: YES

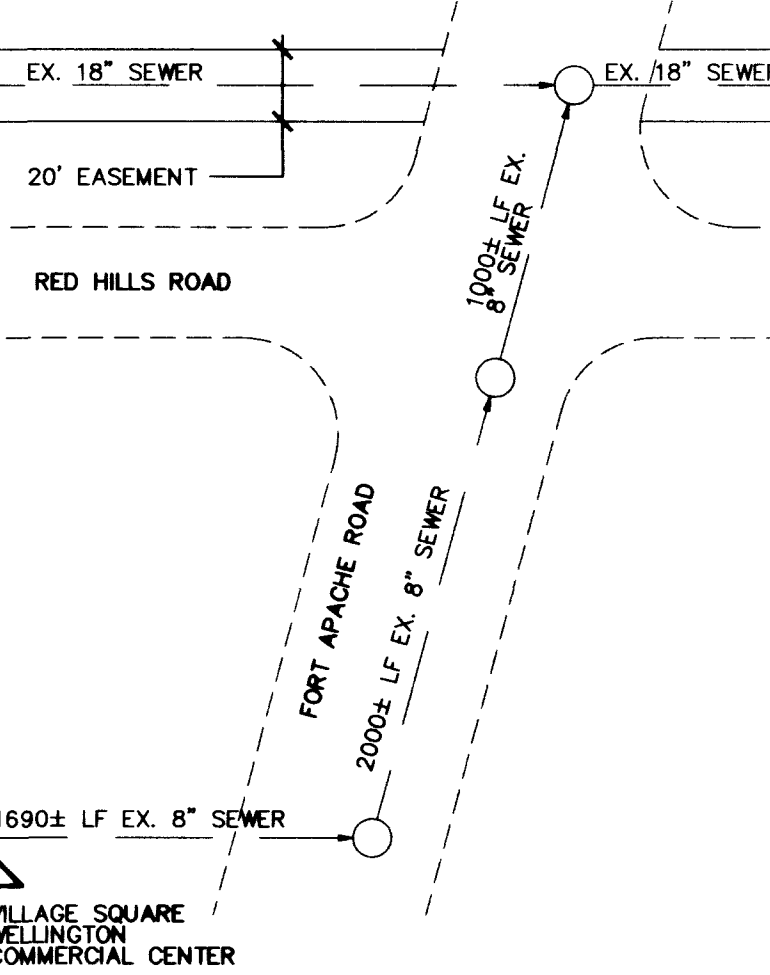
[Signature] 4-19-99
CITY FIRE MARSHAL
AZARANG MIRKAH, P.E. DATE

CONSTRUCTION NOTE

ALL EXISTING UTILITY STRUCTURES WITHIN CONSTRUCTION
AREA SHALL BE ADJUSTED TO MATCH FINISH GRADE
(I.E. W.V. BOX, MH, ANNODE BOX, FH, TEL. BOX, ETC.)

SEWER CONTRIBUTION

AVERAGE FLOW = 0.018 MGD
PEAK FLOW = 0.063 MGD



LOCATION MAP

NOT TO SCALE
8\"/>

NOTES:

ALL DIMENSIONS TO UTILITIES ARE TO CENTERLINE
OF PIPE UNLESS INDICATED OTHERWISE.

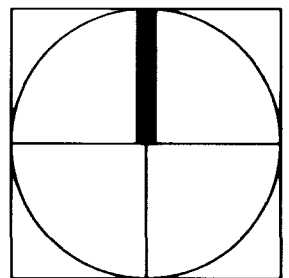
ALL UTILITY DIMENSIONS ARE FROM THE BACK OF CURB
TO CENTERLINE OF PIPE UNLESS INDICATED OTHERWISE.

CONTRACTOR SHALL VERIFY HORIZONTAL AND
VERTICAL ALIGNMENT OF EXISTING UTILITIES AND
NOTIFY THE DESIGN ENGINEER IMMEDIATELY
ON ANY DISCREPANCIES PRIOR TO CONSTRUCTION.

ONSITE UTILITIES SHOWN AS PBO (PROPOSED BY OTHERS)
ARE PROPOSED BY VTN NEVADA, ON WELLINGTON VILLAGE
SQUARE AT PECCOLE RANCH IMPROVEMENT PLANS, AND WILL BE
IN PLACE PRIOR TO THIS PROJECT'S UTILITY IMPROVEMENTS.

SEWER MANHOLE NOTE:

SEWER MANHOLE WITH STUB IS TO BE CONSTRUCTED
PRIOR TO ROADWAY PAVING PROPOSED BY OTHERS.
COORDINATION WITH THE ENGINEER PROPOSING THE SEWER
MAIN AND ROAD IMPROVEMENTS (VTN) IS IN PROGRESS.



GRAPHIC SCALE

(IN FEET)
1 inch = 20 ft.

SEE SHEET C1.3 FOR
GENERAL NOTES & LEGEND
SEE SHEET C4.3 FOR
DETAILS
SEE SHEET C1.4 FOR
ESTIMATE OF QUANTITIES

Call
before you
OVERHEAD
1-702-593-6111
CIVIL ENGINEERING

Call
before you
Dig.
1-800-227-2600
UNDERGROUND SERVICE ALERT (USA)

SEAL
ENGINEER STATE OF NEVADA
DENTON E.
PROFESSIONAL CIVIL ENGINEER
No. 12008
SHEET
C4.1
8 OF 10 SHEETS
DRAWING NO.
107-V3073

HOSPITALITY
ASSOCIATES

MASTER UTILITY PLAN

SHEET

DRAWN BY:
J.W. RIPLEY 2/1/99
DESIGNED BY:
J.W. RIPLEY 2/1/99
CHECKED BY:
D.E. PETERS 2/1/99
PROJECT NO:
99-503

TITLE
HAWTHORN SUITES LTD
-SAHARA AVE. and FORT APACHE ROAD-
CITY OF LAS VEGAS
SCALE: 1" = 20'
DATE: 4/16/99

3808 N. SULLIVAN RD., BLDG. #34
SPOKANE, WA 99216
(509) 628-3736
Engineers/Planners/Surveyors
205 East Warm Springs Road, Suite 108
LAS VEGAS, NV 89119 (702) 866-0804

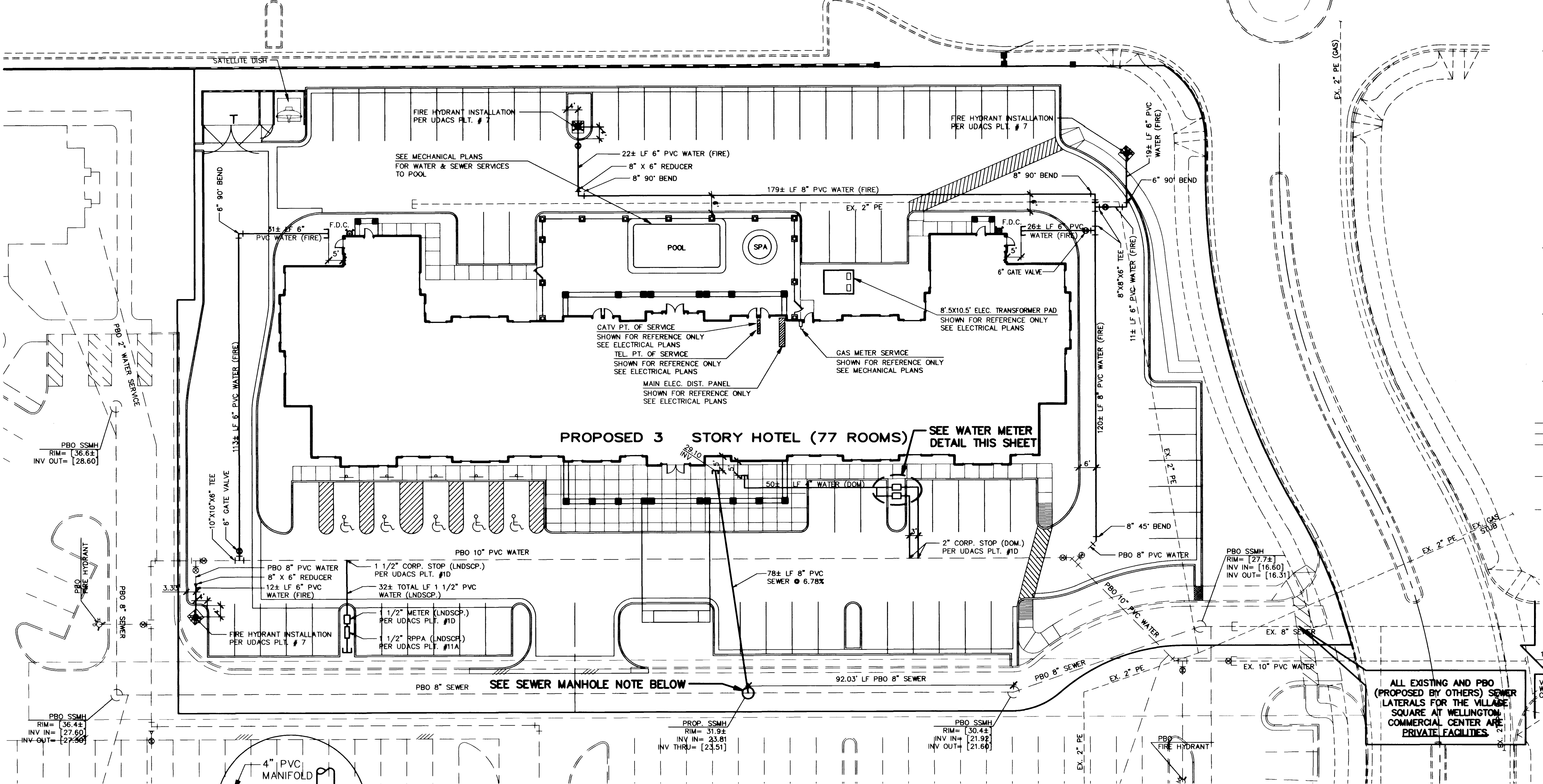
EKN
ENGINEERING

NEVADA
CITY OF LAS VEGAS

REVISION

DATE

BY



* 66± TOTAL LF PRIVATE 2\"/>

WATER METER DETAIL
NOT TO SCALE

