



1 WATER SERVICE DETAIL

- NOTES: ○
1. FM APPROVED CHECK VALVE.
 2. DOUBLE CHECK VALVE ASSEMBLY, AIMES #2000SS, 4".
 3. 2" MAIN FP RISER DRAIN - SPILL +24" ABOVE GRADE.
 4. 3" STRAINER.
 5. WATER METER.
 6. 2-1/2" RPZ BACKFLOW PREVENTER, WILKINS ZURN #375.
 7. 3" DOMESTIC WATER MAIN SHUT OFF VALVE.
 8. 6" DIA. COMBINATION WATER SERVICE.
 9. AIR GAP FITTING.

Owner:
Best Western Hotel

Location:
Town of Allegany, Allegany County

Completion Date:
June 2004

Construction Cost
\$3,000,000.00

- Services:**
- *Electrical Engineering*
 - *HVAC Engineering*
 - *Plumbing Engineering*
 - *Fire Protection Engineering*

Watts Engineers performed complete MEP design services for a new 60 unit two-story motel to be erected in Allegany, New York. Each of the sixty guest rooms contains an attached toilet. Five rooms also include whirlpool baths. An indoor swimming pool is located on the ground floor of the building. The building includes a central laundry, guest laundries on each floor, and fully accessible public toilet rooms on each floor. Plumbing design services included sanitary and storm drainage systems, domestic water piping system, service water heating and hot water re-circulation systems, plumbing fixtures and accessories, floor drains, and reduced pressure zone principle backflow preventers. The fire protection design includes a hydraulically calculated NFPA 13R sprinkler system.

The project was completed in 2004, with no plumbing or fire protection change orders. The construction value of the Plumbing and Fire Protection work was \$325,00.00