

ZADE

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Boston Real Estate Capital

Att: Joe Hassell
RE: 49 Walnut
Wellsley, MA
Sbj: Water Load Letter

Dear Joe,

This water load letter is in referenced to the above subjected project. This Building consists of 28 residential units and a common area fitness center.

Based on 248 CMR 10.14 Table 1 we estimate the water demand (Hot and Cold) requirements as follows:

Water Demand:

28 Unit Residential

Item	Quantity	Factor	Total F.U.
Kitchen Sink:	28	4.0	112
Water Closet (tank type):	85	1.0	85
Lavatory:	93	2.0	186
Dishwasher:	28	2.0	56
Tub/Shower	83	4.0	332
Washer:	28	4.0	112
Total:			883
Total with 35% diversity:			309

Common areas

Item	Quantity	Factor	Total F.U
Water Closet (tank type):	4	2.0	8
Lavatory:	4	12.0	48
Tub/Shower	2	4.0	8
Total:			64
Total with 35% diversity:			23

Total Building F.U: **332**

Provide minimum 4" water service for the building.

Based on Hunter Curve this FU corresponds to 90 gpm.

Provide 2" water meter.

Provide minimum 6" fire service.

If you should have any questions, or require further information, please contact our office.

Very truly yours,

ZADE ENGINEERING LLC

Mohammed Zade Ph.D., P.E.
Principal


MOHAMMED
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No. 27233
REGISTERED
PROFESSIONAL ENGINEER

Mohammed Zade