

RFI 25

Project: COOLEY LABORATORY RENOVATION
Job: 3146 COOLEY LAB, PPA# 10-0023
Customer: STOFMT MSU BOZEMAN

POTENTIAL IMPACTS
Cost Impact: No
Schedule Impact: No

Issued To: CONSTRUCTION MANAGEMENT SERV.
P.O. BOX 7274
BOZEMAN, MT 59715

Attention: DONALD J. PLATISHA
Phone/Fax: 406 585-0611 / 406 585-2698

Coordination copies to:

Item: Domestic Hot Water/Dom Hot Water Ret
Reference: Note 1-M2.0.2, Note 2-M2.1.1

Type: PLUMBING
Spec. Section:

Attachments:

Description of Request

QUESTION:

Note one on M2.0.2 has the domestic hot water as a 1" line and domestic hot water return as a 3/4" line in the basement and note two on M2.1.1 has the domestic hot water line as 2" and domestic hot water return as a 1" line on the first floor.

RECOMMENDATION:

Make these lines match the basement lines of 1" domestic hot water and 3/4" domestic hot water return as this appears to be plenty of size to feed the bathroom groups.

Respond By: 09/05/11 By: TIM THOLT

Response

Size the domestic hot water supply main and risers as follows:
From water heaters to tempered water supply: 2"
Downstream of tempering water valve and to the chase exit on the top floor: 1 1/4"

Size the branch hot water lines to the rest rooms on each floor as follows:
Common line all floors: 3/4"
Individual branches to fixtures: as listed on Plumbing Fixture Schedule

Size the return line as follows: 1" throughout

Change the flow balance device flow rate on the hot water recirculation line from 3.5 gpm to 1.5 gpm on the Flow Balance Device Schedule.

Response by: Dave Broquist, GPD, pc Date: 9-16-11

Signed: _____ Date: _____

Proceed as Indicated: _____ Date: _____

Owner Authorized Representative