



CEDRONI ASSOCIATES INC.

General Contractors

5639 Auburn Rd.

Utica, MI 48317

Phone (586) 254-7778

Fax (586) 254-4517

TITLE: Water Line

REQUEST FOR INFORMATION

NO. 3

PROJECT: Ford Field Comfort Station

RECEIVED

DATE: 07/28/2017

7/28/17

TO: Attn: Eric Stockwell
NSA Architects
23761 Research Drive
Farmington Hills, Michigan 48335



STARTED: 07/28/2017

COMPLETED:

REQUIRED: 07/28/2017

REQUEST:

The drawings call for a 2-1/2" water line from the stop box to the building. 2-1/2" is not a standard size. We are reducing to 2" at the RPZ. Would it be acceptable to use the more standard and readily available 2" pipe in lieu of 2-1/2"? Please advise.

ANSWER:

PIPE SIZE	calculations:	
	F.U.	TOTAL F.U.
WC - 10	10	100
UR - 2	5	10
LAV - 10	2	10
SK - 1	2	2
DF - 1	0,25	0,25
TOTAL:		

122,25 F.U. = 73 GPM - 2 1/2" ϕ
at 5 fpm velocity.

THE WATER INLET shall be 2 1/2" OR MORE
TO PREVENT HIGH VELOCITY AND BIG PRESSURE DROP.

Requested By: Cedroni Associates, Inc.

Date: 07/28/2017

Signed:

Brian M. Lundberg