

VandenBerghe, Alissa (Consultant)

From: John Reilly [jyreils@attglobal.net]
Sent: Monday, January 19, 2009 12:27 PM
To: Greco, Theresa; Preedy, Matt
Cc: White, John; Harvey Parker
Subject: Fw: Escape and ventilation buildings
Attachments: NFPA 502 - Overview (Connell) NAT08.pdf

Matt & Theresa - further to the questions on Fire/Life Safety (FLS) see the attached article by Bill Connell (who worked for me in Boston 1980-86) on NFPA 520. FYI

Regards, John Reilly
Web: www.JohnReilly.us
Email: JJReils@ATTGlobal.net
Cell: +1-508-904-3434

----- Original Message -----

From: [John Reilly](#)
To: [White, John](#) ; [Van Ness, Kristy \(Consultant\)](#)
Cc: [Lenz, KaDeena \(Consultant\)](#) ; [Balliet, Eric \(Consultant\)](#) ; [Claus, Emily \(Consultant\)](#) ; harveyparker@compuserve.com ; [Preedy, Matt](#)
Sent: Monday, January 19, 2009 12:21 PM
Subject: Re: Escape and ventilation buildings

Kristy - John W's guidance is good. I'm back east until Jan 29 but Harvey should be the primary guide on this topic can take care of these issues in Seattle.

Part of the response is that we will be following the NFPA Code (NFPA 502: Standard for Road Tunnels, Bridges, and Other Limited Access Highways) and including recent work by the International Tunnel Association - Harvey, as Past-President of ITA, can elaborate and contribute.

Matt - I'll be sending you some material on this later today.

Regards, John Reilly
Web: www.JohnReilly.us
Email: JJReils@ATTGlobal.net
Cell: +1-508-904-3434

----- Original Message -----

From: [White, John](#)
To: [Van Ness, Kristy \(Consultant\)](#)
Cc: [Lenz, KaDeena \(Consultant\)](#) ; [Balliet, Eric \(Consultant\)](#) ; [Claus, Emily \(Consultant\)](#) ; [Reilly, John](#) ; harveyparker@compuserve.com ; [Preedy, Matt](#)
Sent: Sunday, January 18, 2009 4:21 PM
Subject: Re: Escape and ventilation buildings

Thanks Kristy, lost track of this one during the week.

I think Matt can work with John R and Harvey P for an initial answer. Part of the answer is that it is too early to answer the specifics since it depends on what type of ventilation system we use and what is above vs below ground in the final design.

I don't want to quote specific sizes per PB's concept, because things are likely to change. A broader answer on the

range of potential sizes per ventilation design for this size tunnel, along with the expected environmental/public issues will be best.

John

From: Van Ness, Kristy (Consultant)
To: White, John
Cc: Lenz, KaDeena (Consultant); Balliet, Eric (Consultant); Claus, Emily (Consultant)
Sent: Sun Jan 18 14:25:04 2009
Subject: FW: Escape and ventilation buildings

John -

Would you like us to help respond to this one? Who's the best tech lead to work with?

Thanks,
Kristy

From: Paananen, Ron [mailto:PaananR@wsdot.wa.gov]
Sent: Tuesday, January 13, 2009 3:00 PM
To: White, John; Amy Grotefendt
Subject: Fw: Escape and ventilation buildings

From: John Pehrson
To: Paananen, Ron
Sent: Tue Jan 13 14:45:51 2009
Subject: Escape and ventilation buildings
Ron,

I'm assuming the deep bored single tunnel will require one or more personnel escape paths and ventilation buildings. Do you know about where these need to be located? What is the general size and environmental impact?

John Pehrson
206-441-9913

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