

Memorandum

CS Memorandum No. 1315

**To:** Distribution  
**From:** Quon Chin, Design Oversight Manager   
**Date:** December 20, 2012  
**Reference:** Project No. M544.1, Contract No. CS-149 Final Design  
Task No. 1-10.16, Safety  
] **Subject:** **Fire Life Safety Committee Meeting No. 37**

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Attached please find minutes for Fire Life Safety Committee Meeting No. 37, held on September 20, 2012

QC:tw

Attachments:

- Fire Life Safety Committee Meeting No. 37 –Meeting Minutes
- Fire Life Safety Committee Meeting No. 37 –Meeting Attendance Sheet
- Fire Life Safety Committee Meeting No. 37 –Meeting Agenda

- Cc: Jeffrey Davis, FTA/ PMOC (w/ attachments) - [jeffrey.s.davis@dot.gov](mailto:jeffrey.s.davis@dot.gov)  
David Kuehn, FTA/PMOC (w/ attachments) - [david.kuehn@stvinc.com](mailto:david.kuehn@stvinc.com)  
Colleen Sullivan, CPUC (w/attachments) - [colleen.sullivan@sfgov.org](mailto:colleen.sullivan@sfgov.org)  
Mikail Ali, SFFD (w/attachments)- Via Email  
Brian Ballard, SFFD (w/attachments) - Via Email  
John Funghi, SFMTA (w/attachments) – Via Email  
Albert Hoe, SFMTA (w/attachments) – Via Email  
Gerald Williams, SFMTA (w/attachments) – via Email  
Melvyn Henry, SFMTA (w/attachments) – Via Email  
Lang Huey, SFMTA (w/attachments) – Via Email  
Tim Lee, SFMTA (w/attachments) – Via Email  
Roger Nguyen, SFMTA (w/attachments) – Via Email  
Jim Kelly, SFMTA (w/attachments) – Via Email  
Ted Unaegbu, SFMTA (w/attachments) – Via Email  
Jane Wang, SFMTA (w/attachments) – Via Email  
Ronald Dobbs, PMOC (w/attachments) – Via Email  
Ross Edwards, CSP (w/attachments) – Via Email  
Aileen Read, CSDG (w/attachments) – Via email  
Chuck Morganson, HNTB/B&C (w/attachments) - Via Email  
Tom Tolentino, HNTB/B&C (w/attachments) – Via Email

Dave Coury, HNTB/B&C (w/attachments) - Via Email  
Jerry Casey, HNTB/B&C (w/attachments) - [jcasey@hntb.com](mailto:jcasey@hntb.com)  
Sean Cassady, HNTB/B&C (w/attachments) - [scassady@hntb.com](mailto:scassady@hntb.com)  
CS File No. M544.1.5.0910.d

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**Distribution:**

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Carlos Campillo, CSP - Via Email  
Bob Jones, HNTB/B&C - [rjones@bnctransit.com](mailto:rjones@bnctransit.com)

## Meeting Minutes

DATE: December 19, 2012

MEETING DATE: **September 20, 2012**

LOCATION: 821 Howard Street, 2<sup>nd</sup> Floor

TIME: 11:00 am

ATTENDEES: Brad Lebovitz (FTA/PMOC), , Lt. Michie Wong (SFFD), Jon Corbett (SFFD), Jimmy Xia (CPUC), Kartik Shah (SFMTA), Wayne Gilles (CSP), H. Quon Chin (CSP), Carlos Campillo (CSP), Bob Jones (HNTB/B&C)

COPIES TO: Attendees, Jeffrey Davis, (FTA), David Kuehn (FTA/PMOC), Ronnie Dobbs (PMOC), Colleen Sullivan, (SFPUC), Commander Mikail Ali (SFPD/SFMTA SED), Captain Brian Ballard (SFFD), John Funghi (SFMTA), Albert Hoe (SFMTA), Melvyn Henry (SFMTA), Gerald Williams (SFMTA), Lang Huey (SFMTA), Tim Lee (SFMTA), Roger Nguyen (SFMTA), Jim Kelly (SFMTA), Ted Unaegbu (SFMTA), Jane Wang (SFMTA), Ross Edwards (CSP), Aileen Read (CSDG), Chuck Morganson (HNTB); Tom Tolentino (HNTB/B&C), Dave Cury (HNTB/B&C), Jerry Casey (HNTB), Sean Cassidy (HNTB), and Central Subway Chron

REFERENCE Project No. M544.1, Contract No. CS-149 Final Design

SUBJECT: Fire Life Safety Committee Meeting No. 37

### RECORD OF MEETING

ITEM #	DISCUSSION	ACTION BY DUE DATE
1	Wayne Gilles called the FLSC meeting to order. Melvyn Henry is the presiding chair of the Fire Life Safety Committee. Wayne Gilles is appointed as the alternate FLSC chair when Melvyn is not attending.	N/R
2	<p>MINUTES</p> <p>a. Minutes of the last (June 2012) FLSC meeting will be sent out separately.</p> <p>b. FLSC Meetings going on a quarterly schedule.</p> <p><i>Post Meeting Note:</i> Revision 1 to FLSC Meeting #36 was distributed December 13, 2012 via email under CS Memorandum #1306.</p>	Distributed 07/31/12
3	PREVIOUS BUSINESS	
3.1	SFFD Approval, Conditional Approvals & Agreements	None
	a. None outstanding	
3.2	SFFD Clarifications Provided & Pending Clarifications:	None
	a. None outstanding	

ITEM #	DISCUSSION	ACTION BY DUE DATE
4	<p>CURRENT BUSINESS</p> <p>4.1 <b>Working Meeting (09/18/12):</b> Reviewed advance comments by SFFD on the IFB Submission of Contract 1255 – Yerba Buena/Moscone Station <i>Post Meeting Note: Written comments received and RCF-077 Package created. Responses developed and concurrence package in-progress back to SFFD.</i></p> <p>4.2 <b>Working Meeting (09/18/12):</b> Reviewed 65% Design of Air Replenishment System for Tunnels. SFFD assisted with field visit to 435 China Basin Street installation of a recently completed street level ARS panel connection to its Mobile 1 Air Unit truck. Field visit to see SFFD Mobile Air truck is pending its availability. Date/time still to be determined.  Designers noted defrag units were not seen or observed at the building or at the floor levels visited. <i>Post Meeting Note: Written comments received and RCF-086 Package created.</i></p> <p>4.3 <b>SES Rev. 2b:</b> advance copy of revised SES report provided to SFFD for concurrence. Formal transmittal will be made to SFFD. <i>Post Meeting Note: SES (2b) was formally transmitted on October 3, 2012 via email under Transmittal #2069. Review comment form RCF-085 was opened to track review comments and responses.</i></p>	<p>PMCM</p> <p>HNTB (C. Morganson)</p> <p>HNTB (C. Morganson)</p>
5	<p>CONTINUING BUSINESS</p> <p>5.1 <b>CS Letter #1397:</b> Update approval letter request on the <i>Variance for Air Replenishment System for Tunnels.</i></p> <p>5.2 <b>CS Letter #0690, Rev. 1:</b> Update letter on <i>locations of ARS panels in stations</i> to EOP.</p> <p>5.3 <b>CS Letter #1260:</b> Update letter on <i>non-sprinklered emergency plenums and shafts.</i></p> <p>5.4 <b>CS Letter #1349:</b> Update local equivalency letter for photo-luminescent elements.</p> <p>5.5 <b>DBI Permit Drawing:</b> Project Team is to prepare code and variance sheets for purpose of stamping the DBI permit drawings; and for SFFD field inspectors to have included in the permit approved drawing set the pertinent drawings and basis of approvals.</p> <p>5.6 <b>Acceptance Testing Procedures:</b> Lt. Michie Wong commented that acceptance procedures for SFFD approval should be referenced into the technical specifications and shall refer to SFFD Administrative Bulletins:</p> <ul style="list-style-type: none"> <li>• <b>AB 4.03 Acceptance Testing of New High-Rise Sprinkler and Standpipe Systems</b></li> <li>• <b>AB 5.07 Air Replenishment Systems</b></li> </ul> <p>(h) Testing and Inspection as well as (k) Maintenance of New Systems.</p>	<p>PMCM (CC)</p> <p>PMCM (HQC)</p> <p>PMCM (HQC)</p> <p>PMCM (HQC)</p> <p>PMCM (HQC)</p> <p>PMCM (HQC)</p> <p>CSDG HNTB</p>
6	<p>NEW BUSINESS</p>	<p>None</p>

ITEM #	DISCUSSION	ACTION BY DUE DATE
7	<p>CLOSING</p> <p>There being no further business, meeting adjourned 11:25 am.</p> <p>Next meeting date is December 20, 2012 – the third Thursday of the month, unless otherwise indicated.</p>	None

**ACTION ITEMS**

ITEM #	MTG DATE	Task #	DESCRIPTION	BIC	DUE DATE	STATUS
5.6	12/15/11		Amend equivalency letter incorporating SFFD e-mailed comments on ARS panel requirement at EOP only (CS Letter #0690, Rev. 1)	CSP	11/24/12	Formalize per 02/24/12
5.2	05/17/12		Amend clarification letter incorporating SFFD conditions on acceptance of non-sprinklered emergency plenum and (CS #1260)	CSP	11/24/12	OPEN
5.3	05/17/12		Amend equivalency letter incorporating SFFD comments on acceptance of photo-luminescent elements at platform level.	CSP	11/24/12	OPEN
5.4	05/17/12		Prepare DBI Permit Drawings incorporating signed SFFD Letters of codes and variances for building permit issuance.	CSP	11/24/12	OPEN
5.3	06/21/12		Prepare 65% design development of air replenishment system in Tunnels including details of a fire barrier wrap pipe protection w/sheet metal cover to submit to SFFD & FLSC for review.  <i>Note: Final Design details included in Issued for Bid documents (Contract 1300) – 10/22/12.</i>	CSP	09/14/12*	Submitted* For Review
5.5	06/21/12		Revise CS Letter #1397 – Request for Approval of Variance for (Tunnels) Air Replenishment System.	CSP	11/24/12	OPEN

\* Post Meeting Update: Status reflects post-meeting activities and status update.

FLSC Meeting #37 adjourned at 11:25 am.

These meeting minutes have been prepared by H. Quon Chin and reviewed by Ross Edwards, and are the preparer's interpretation of discussions that took place. If the reader's interpretation differs, please contact the author in writing within four (4) days of receipt of these minutes.

Signed:  \_\_\_\_\_

Date: 12/19/2012

## Meeting Attendance Sheet

Project No. M544.1, Contract No. CS-149  
 Final Design  
 Fire Life Safety Committee Meeting No. 37  
 September 20, 2012  
 11:00 am to 12:00 pm  
 Central Subway Project – Main Office  
 821 Howard Street, 2<sup>nd</sup> Floor  
 Main Conference Room

Deliver Meeting Attendance Sheet with original signatures/initials to Document Control.

NAME	AFFILIATION	PHONE	E-MAIL (for minutes)
Jimmy Xia	CPAC	415-703-2211	Jxx@cpac.ca.gov
Bradley Leboritz	Pmcc	510464-8052	bradley.leboritz@estvinc.com
JON CORBETT	SFFD	415.515.6929	jon.corbette@sf.gov.org
Michie Wong	SFFD	415-558-3361	michie.wong@sf.gov.org
KARTIK SHAH	SFMTA SAFETY	415.701.5678	KARTIK.SHAH@SFMTA.COM
BOB JONES	HNTB/B&C	415-583-4747	rsenasad@bctransit.com
Carlos Campillo	PMCM	786 556-3324	carlos.campillo@sfmta.com
H. QUON CHAN	PMCM	415 701 5290	h.quan.chan@sfmta.com
Wayne Gilles	PMCM Safety	714- 906-5895	Wayne.gilles@ch2m.com

NAME	AFFILIATION	PHONE	E-MAIL (for minutes)



## Meeting Agenda

**Project No. M544.1, Contract No. M544.1/CS-149**

**Final Design**

**Fire and Life Safety Committee Meeting No. 37**

**September 20, 2012**

**11:00 am to Noon**

Central Subway Office

821 Howard Street, 2<sup>nd</sup> Floor

Main Conference Room

### AGENDA

1. INTRODUCTIONS
2. MINUTES of LAST MEETING – *Advance Copy distributed. Formal minutes will be mailed/ emailed to all attendees.*
3. PREVIOUS BUSINESS
  - 3.1. SFFD Approval, Conditional Approvals & Agreements
    - a. None outstanding
  - 3.2. SFFD Clarifications Provided & Pending Clarifications
    - a. None outstanding
4. CURRENT & CONTINUING BUSINESS
  - a. Working Meeting (09/18/12): reviewed advance comments by SFFD on the IFB Submission of Contract 1255 – Yerba Buena/Moscone Station
  - b. Working Meeting (09/18/12): reviewed 65% Design of Air Replenishment System for Tunnels.
    - Field Visit: Surface panel connections – at 435 China Basin Street
    - Field Visit: Mobile Air Truck – Visit Pending to SFFD HQ
  - c. Advance Copy Transmittal of SES Rev. 2b to SFFD. Formal Transmittal to FLSC & SFFD will be provided under separate cover.
  - d. Submit a revised CS Letter #1397 – Request for Approval of Variance for Air Replenishment System (Tunnels)
  - e. Submit a revised clarification to CS Letter (#0690, R1) to SFFD *Locations of ARS Panels in Station – to end of platforms (EOP)*
  - f. Submit a revised Clarification Letter (#1260) to SFFD *Non-sprinklered emergency plenums and shafts*

- g. Update CS Letter No. 1349 – local equivalency for photo-luminescent elements.
- h. Prepare code and variance sheets for DBI/SFFD permit drawings.

5. NEW BUSINESS

NOTES: