San Francisco • Sacramento • Las Vegas • Harrisburg

California State Board of Equalization
450 N Street, Sacramento, California

Mold Remediation – 5th Floor
January 24 – February 25, 2011
Closure Report

Project No. 2372.02-572

Prepared for:
State of California Department of General Services
707 Third Street, 3-305
Sacramento, California 95605

Prepared by:
Chris Corpuz, MS, CIH
Senior Associate
LaCroix Davis LLC

Report Date:
March 29, 2011

Building Environmental EHS Consulting
3685 Mt. Diablo Blvd., Ste. 210 • Lafayette, CA 94549 • p 925.299.1140 f 925.299.1185 • www.lacroixdavis.com

TABLE OF CONTENTS

1.0 INTRODUCTION 1

2.0 BOE STAFF INTERVIEWS 1

3.0 PHOTOGRAPH REVIEW – MCA SPANDREL PANEL SURVEY 1

4.0 SUPPLEMENTAL WATER DAMAGE ASSESSMENT 2

5.0 ONSITE PROJECT MONITORING 3

6.0 CLOSURE REPORT DOCUMENTS 3

7.0 LIMITATIONS AND QUALIFICATIONS 4

LIST OF FIGURES

Figure 1 Water Damage Assessment – Revised
Figure 2 Containment and Sample Locations
Figure 3 Suspect Mold – February 2011

LIST OF TABLES

Table 1 BOE Staff Interviews – Historical Observations
Table 2 Photograph Review – McGinnis-Chen Associates Spandrel Panel Survey
Table 3 Revised BOE Water Damage Assessment Summary

APPENDICES

Appendix A Protocols
Appendix B Daily Logs
Appendix C Laboratory Reports
Appendix D Correspondence
Appendix E Meeting Minutes

1.0 Introduction

On July 2, 2008, LaCroix Davis LLC (LCD) was contracted by the State of California, Department of General Services (DGS), Real Estate Services, Project Management Branch (RES, PMB) to provide building and environmental forensic services at the Board of Equalization (BOE) building located at 450 N Street, Sacramento, California. The BOE building was substantially completed in December 1992 and has experienced a variety of water-related events throughout its history.

On October 29, 2009 LCD's original contract was amended to include the following activities to support the Mold Remediation Project for the BOE Building:

- Designate a project team;
- Conduct BOE staff interviews;
- Review photographs taken during the McGinnis-Chen Associates (MCA) Spandrel Panel Survey in 2005;
- Perform a supplemental water damage assessment (WDA);
- Provide onsite monitoring for the project;
- Compile all relevant project documents in a closure report for each floor.

Under the project management of Mr. Chris Corpuz, Senior Manager, the LCD field project team was staffed by personnel from various LCD offices:

- Stephen Davis, Principal;
- Benjamin Heckman, Senior Manager;
- Theodore Ice, Senior Associate.

2.0 BOE Staff Interviews

Prior to Floor 5 being released to the DGS Mold Remediation Project Team for remediation, BOE staff currently and previously working on Floors 5 and 6 were interviewed regarding historic events on the floors. Many of the interviewed BOE staff members have worked on the same floor since the building was placed in operation in 1993. BOE staff participation in the interviews was strictly voluntary. The interviews were performed by LCD staff on July 16, 2009. Table 1 in the Table Section summarizes the interview findings. Water and mold-related findings are depicted in Figure 1 in the Figure Section.

3.0 Photograph Review – MCA Spandrel Panel Survey

LCD reviewed photographs taken by MCA during their 2005 Spandrel Panel Survey. There are approximately 15-25 photographs for each spandrel panel. The north and south sides of the building each have 30 spandrel/vision glass panels. The east and west sides of the building each have 24 spandrel/vision glass panels. Floor M has no spandrel panels; and Floors 22, 23, and 24 have fewer panels because the floor size decreases for these upper floors. LCD reviewed photographs of only the spandrel panels on each floor to determine whether these photographs showed evidence of water staining, mold growth or no issues on the exterior side of the

building perimeter wall. A summary of these conditions is shown in Table 2, Photograph Review – McGinnis-Chen Associates Spandrel Panel Survey.

The Spandrel Panel Survey information was used to help interpret any water staining or material damage that was observed during the supplemental WDA of the curtain wall and punch-out windows. When interior wall surface water staining was corroborated by similar water staining in the spandrel panel photographs for the same wall area, the area was subjected to additional investigation and testing. This was done to ensure that no visible mold growth (VMG) had developed as a result of the observed historical water staining.

4.0 Supplemental Water Damage Assessment

LCD performed a supplemental WDA to inspect areas of the building that had been visually obscured during LCD's initial assessment by a variety of furniture, wall hangings, cubicle walls, personal belongings, supplies, and equipment. The WDA for Floor 5 included a more detailed assessment of the carpet found on this floor that was performed in accordance with the Carpet Removal Remediation Protocol (Appendix A). The protocol was developed during the assessment and removal of carpet on Floor 21.

JLS Environmental Services Inc. (JLS) prepared the floor by moving furniture and cubicle components away from walls, taking supplies out of storage rooms, and removing sections of carpet and cove base. The preparation allowed LCD to visually inspect areas that were obscured from view during LCD's initial assessment in late 2008 and early 2009.

On receiving Floor 5 for remediation from the BOE Management Team, LCD conducted a walk-through of the floor to locate areas of concern. The findings were used to corroborate the information compiled from the BOE staff interviews and the MCA photograph review. This process allowed the LCD team to identify areas to be addressed by additional investigation, mold mitigation, or remediation work.

Identified areas were subjected to sampling. Special consideration was given to the Server Room Area (Rooms 515 and 516) because of its history with previous water events, raised computer room floor construction, and a Halon® fire suppression system. Measures were taken to ensure that the fire suppression system would not be accidently actuated during any of the investigation or remediation activities, but still provide adequate fire protection. Using a combination of surface tape lift and bulk samples, LCD tested stains on walls and other building materials to determine if the stains were indicative of VMG. The sample locations are depicted in Figure 2.

Surface tape lift and bulk samples were submitted to EMLab P&K (EMLab) for direct microscopic examination. EMLab is accredited by the American Industrial Hygiene Association for mold analyses. The laboratory reports were reviewed by the LCD team. Laboratory findings of "mold growth, minimal mold growth, and mold growth in vicinity" were classified as mold growth and the tested surfaces/areas were considered actionable.

Areas and materials that were identified to contain mold growth were subsequently placed under containment and subjected to an appropriate mitigative or remedial action. These actions were taken to eliminate or minimize potential exposures to VMG by personnel that may later access the subject area. The containment locations are shown in Figure 2.

5.0 Onsite Project Monitoring

On behalf of DGS, the LCD team of industrial hygienists provided on-site monitoring of the mold remediation activities in the form of:

- Testing and identifying areas for subsequent mold mitigation or remediation;
- Inspecting JLS-constructed containment structures prior to disturbance of any mold-contaminated materials by JLS;
- Providing periodic area air monitoring to confirm the protective efficacy of JLS containment structure and work practices;
- Inspection of the mitigated/remediated areas, prior to collecting final clearance air samples to confirm that the contaminated areas/materials within the containment had been adequately cleaned.

6.0 Closure Report Documents

The Closure Report was compiled from site monitoring and testing data prepared and accumulated during the mold remediation activities for this floor. Figures 1 through 3 identify findings from a revised WDA, carpet inspection locations, sample and containment locations, and areas where mold growth may potentially exist. Figure 3 should be consulted <u>before</u> walls or ceilings in these areas are penetrated for any reason in the future. Tables 1 through 3 summarize findings from BOE staff interviews, a review of photographs from the MCA Spandrel Panel Survey, and the revised WDA.

The following documents, as applicable to Floor 5 are included in the Closure Report appendices:

- **Protocols** – Provide the procedures for conducting mold-related activities on the subject floor (Appendix A);
- **Daily Logs** – Summarize the daily mold-related activities pertaining to the subject floor (Appendix B);
- **Laboratory Reports** – Present the analytical results for mold-related samples collected on the subject floor (Appendix C);
- **Correspondence** – Document communications between the LCD and the DGS project teams (Appendix D);
- **DGS Meeting Minutes** – Summarize the progress of scheduled and unplanned project activities as discussed in weekly meetings (Appendix E).

7.0 Limitations and Qualifications

The assessment performed by LCD does not include or cover the following matters: Matters that are subsequently discovered that could not have been reasonably foreseen or detected, using industry standards, during the performance of the assessment; matters that could not have been discovered by LCD because of barriers, lack of access or other matters affecting accessibility; matters that were not disclosed to LCD prior to, during, or after the performance of the assessment; any new deficiency that arose after the completion of the assessment by LCD.

To the extent that additional information becomes available to LCD, LCD reserves the right (without any obligation to do so) to modify its evaluation and/or this report at any time, based upon further review and analysis of any such additional information or data.

Certain items mentioned in the report were performed by others not involving the supervision of, or management by, LCD, but were relied upon by LCD in making its evaluation and assessment.

The assessment performed by LCD is not meant or intended to supplement, modify, or extinguish any warranty or representation made or given by third parties performing any of the recommended corrective work.

When consultation involves microbiological growth, or any assessment thereof, such microbiological growth may reoccur if the source of the growth is not remedied. All remediation of fungi in indoor environments can be inherently limited in the sense that conclusions are drawn and recommendations developed from information obtained from limited research and site evaluation. Except as may be noted in the assessment performed by LCD, subsurface areas, latent defects, or non-accessible areas and conditions were not field investigated and may differ from the conditions implied by the surface observations. Additionally, the passage of time may result in a change in the environmental characteristics at the subject property and the surrounding properties. No investigation or assessment can absolutely rule out the existence of any microbiological growth at any given site. LCD does not remediate or remedy sources of microbiological growth.

This Report and the assessment/survey conducted by LCD is prepared, and was performed, solely for the use and benefit of the client identified at the beginning of this report. No other party may rely on this report for any other purpose.

Report prepared by,

Chris Corpuz

Chris Corpuz, MS, CIH
Senior Manager
LaCroix Davis LLC

Report reviewed by,

Andrea Steinbach
for Steve Davis

Stephen C. Davis, MPH, CIH
Principal
LaCroix Davis LLC

FIGURES

Figure 1 **Water Damage Assessment Revised**

Figure 2 **Containment and Sample Locations**

Figure 3 **Suspect Mold – February 2011**

KEYED SHEET NOTES

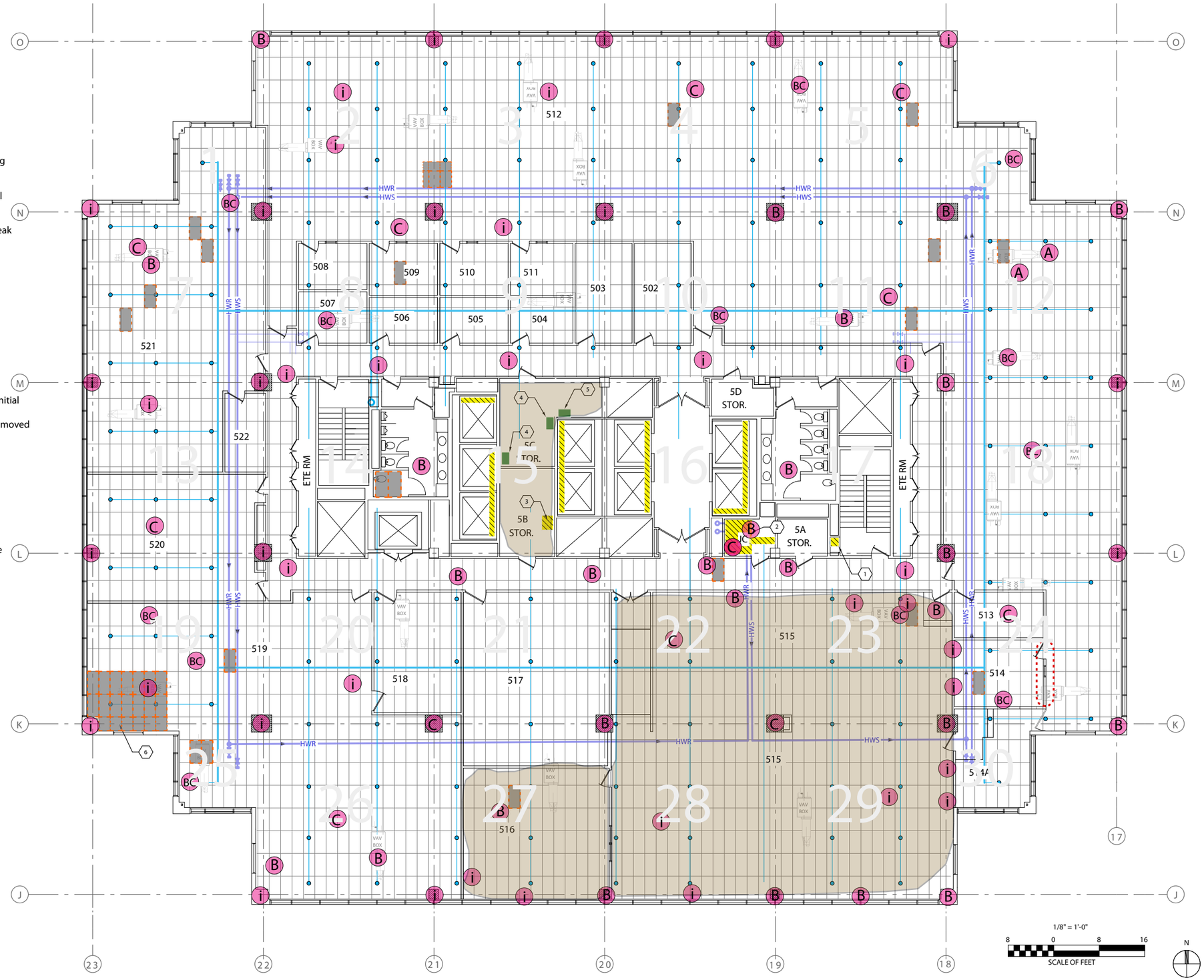
1. Water stain on wall and fireproofing
2. Water stain on ceiling and wall
3. Water stain on wall and ceiling with paint delaminate
4. Visible mold growth above ceiling
5. Visible mold growth at lower wall
6. Ceiling tile collapse due to VAV leak

GENERAL NOTES

1. LCD inspection locations are approximate.
2. The location of VAVs (terminal units) is approximate.
3. Any mold identified during the initial or supplemental water damage assessment was subsequently removed during the remediation.

LEGEND

- Active water leak
- Current water stained surface
- Historic water leak/ stained surface
- Current mold growth
- Historic mold growth
- Current water on floor
- Historic water on floor
- Destructive testing location (historic)
- 325 Room number
- i LCD inspection location no findings
- A LCD inspection location active leak
- B LCD inspection location water stain
- C LCD inspection location other notation See WDA summary
- BC LCD inspection location with multiple findings "A", "B", or "C" as indicated



LaCroix Davis LLC

State of California
Department of General Services
(DGS No. 125828)
(AGMT. No. 3126150)
(LCD No. 2372.02-572)

Water Damage Assessment - Revised

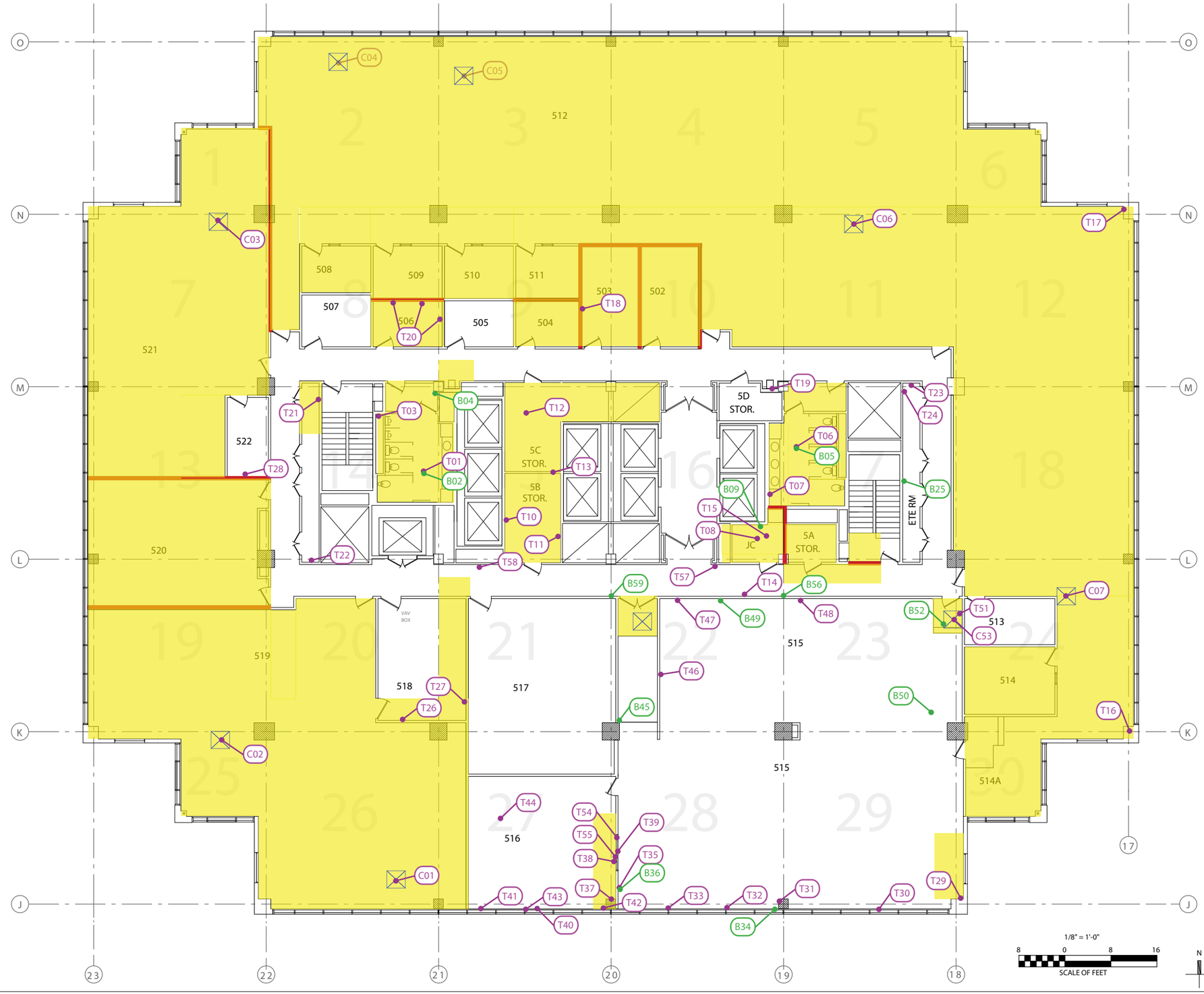
Board of Equalization Building, Mold Remediation
450 N Street, Sacramento, California

5th Floor

Figure 1

LEGEND

- Carpet inspection location
- Containment location
- B45 Bulk sample location
- T23 Tape lift sample location
- Containment Barrier



LaCroix Davis LLC

State of California
Department of General Services
(DGS No. 125828)
(AGMT. No. 3126150)
(LCD No. 2372.02-572)

Containment and Sample Locations

Board of Equalization Building, Mold Remediation
450 N Street, Sacramento, California

5th Floor

Figure 2

LEGEND

Suspect mold location

LaCroix Davis LLC

State of California
Department of General Services
(DGS No. 125828)
(AGMT. No. 3126150)
(LCD No. 2372.02-572)

Suspect Mold - February 2011

Board of Equalization Building, Mold Remediation
450 N Street, Sacramento, California

5th Floor

Figure 3

TABLES

Table 1 **BOE Staff Interviews – Historical Observations**

Table 2 **Photograph Review – McGinnis-Chen Associates Spandrel Panel Survey**

Table 3 **Revised BOE Water Damage Assessment Summary**

Table 1: BOE Staff Interviews - Historical Observations Floor 5
Conducted by Chris Corpuz on July 16, 2009

Name	Position	Time with BOE	Time on Floor	Event Date	Location on Floor	Observations	Other Floors Worked on	Other Comments Related to this Floor
Jeanne Olivas	Staff Information Systems Analyst	11 yrs.		Since 1997	Between M-23 and N-22 along W wall	When along north wall; no window leaks. Rm. 512 gnats; 521 gnats; vendor indicated they came from standing water. Periodic sewer gas in women's bathroom. Around 1999/2000, Rm. 515 (server room) flooded by hot water tank valve failure on 6th floor. Entire area tarped and floor opened for drying.		
Kevin Hudgens	Systems Software Specialist III	29 yrs.	Since 1993		NW saw tooth	No history of window leaks, Storage 5B, Storage 5C, server room		
Jim Long	Network Infra-structure	Since 1987	1 yr. on 6th floor, rest on 5th	1993	Against SW punch-out window	No leak history in that area. Mid 90s water event impacted all floors below via the cable trays; SW corner in Rm. 519 ceiling tile collapse due to VAV leak.		
Becky Petty	Assoc. Systems Software Specialist	Since 1998	All		Central W wall between columns L-23 and M-23			Gnats, break room, women's room flooded from 6th floor
Carol Ring					W wall, near M-23			
Michael Anglin	Sr. Information Systems Analyst	30 yrs.	approx. last 5 yrs.		N side between columns O-19 and O-20	No window leaks in his area; broken water pipe (or sprinkler head) in Rm. 516 allowed water on floor.	All	None
Craig Jang	Staff Information Systems Analyst	6/98	Entire time		Rm. 519, SW of freight elevator entrance doors berween K-22 and L-22	Men's handicap stall in restroom leaking from above; leaks from AC condensation pan N of column N-21.		

CONFIDENTIAL

Table 2: Photograph Review - MCA Spandrel Panel Survey - NORTH Elevation

BOE Building, 450 N Street, Sacramento, California

N-PENT																																	
N-24-*.*		S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	S-10	S-11	S-12	S-13	S-14	S-15	S-16	S-17	S-18	S-19	S-20	S-21	S-22	S-23	S-24	S-25	S-26	S-27	S-28	S-29	S-30	
N-23-*.*		S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	S-10	S-11	S-12	S-13	S-14	S-15	S-16	S-17	S-18	S-19	S-20	S-21	S-22	S-23	S-24	S-25	S-26	S-27	S-28	S-29	S-30	
N-22-*.*	P-1	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	S-10	S-11	S-12	S-13	S-14	S-15	S-16	S-17	S-18	S-19	S-20	S-21	S-22	S-23	S-24	S-25	S-26	S-27	S-28	S-29	S-30	P-2
N-21-*.*	P-1	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	S-10	S-11	S-12	S-13	S-14	S-15	S-16	S-17	S-18	S-19	S-20	S-21	S-22	S-23	S-24	S-25	S-26	S-27	S-28	S-29	S-30	P-2
N-20-*.*	P-1	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	S-10	S-11	S-12	S-13	S-14	S-15	S-16	S-17	S-18	S-19	S-20	S-21	S-22	S-23	S-24	S-25	S-26	S-27	S-28	S-29	S-30	P-2
N-19-*.*	P-1	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	S-10	S-11	S-12	S-13	S-14	S-15	S-16	S-17	S-18	S-19	S-20	S-21	S-22	S-23	S-24	S-25	S-26	S-27	S-28	S-29	S-30	P-2
N-18-*.*	P-1	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	S-10	S-11	S-12	S-13	S-14	S-15	S-16	S-17	S-18	S-19	S-20	S-21	S-22	S-23	S-24	S-25	S-26	S-27	S-28	S-29	S-30	P-2
N-17-*.*	P-1	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	S-10	S-11	S-12	S-13	S-14	S-15	S-16	S-17	S-18	S-19	S-20	S-21	S-22	S-23	S-24	S-25	S-26	S-27	S-28	S-29	S-30	P-2
N-16-*.*	P-1	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	S-10	S-11	S-12	S-13	S-14	S-15	S-16	S-17	S-18	S-19	S-20	S-21	S-22	S-23	S-24	S-25	S-26	S-27	S-28	S-29	S-30	P-2
N-15-*.*	P-1	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	S-10	S-11	S-12	S-13	S-14	S-15	S-16	S-17	S-18	S-19	S-20	S-21	S-22	S-23	S-24	S-25	S-26	S-27	S-28	S-29	S-30	P-2
N-14-*.*	P-1	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	S-10	S-11	S-12	S-13	S-14	S-15	S-16	S-17	S-18	S-19	S-20	S-21	S-22	S-23	S-24	S-25	S-26	S-27	S-28	S-29	S-30	P-2
N-MAINT																																	
N-11-*.*	P-1	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	S-10	S-11	S-12	S-13	S-14	S-15	S-16	S-17	S-18	S-19	S-20	S-21	S-22	S-23	S-24	S-25	S-26	S-27	S-28	S-29	S-30	P-2
N-10-*.*	P-1	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	S-10	S-11	S-12	S-13	S-14	S-15	S-16	S-17	S-18	S-19	S-20	S-21	S-22	S-23	S-24	S-25	S-26	S-27	S-28	S-29	S-30	P-2
N-09-*.*	P-1	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	S-10	S-11	S-12	S-13	S-14	S-15	S-16	S-17	S-18	S-19	S-20	S-21	S-22	S-23	S-24	S-25	S-26	S-27	S-28	S-29	S-30	P-2
N-08-*.*	P-1	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	S-10	S-11	S-12	S-13	S-14	S-15	S-16	S-17	S-18	S-19	S-20	S-21	S-22	S-23	S-24	S-25	S-26	S-27	S-28	S-29	S-30	P-2
N-07-*.*	P-1	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	S-10	S-11	S-12	S-13	S-14	S-15	S-16	S-17	S-18	S-19	S-20	S-21	S-22	S-23	S-24	S-25	S-26	S-27	S-28	S-29	S-30	P-2
N-06-*.*	P-1	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	S-10	S-11	S-12	S-13	S-14	S-15	S-16	S-17	S-18	S-19	S-20	S-21	S-22	S-23	S-24	S-25	S-26	S-27	S-28	S-29	S-30	P-2
N-05-*.*	P-1	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	S-10	S-11	S-12	S-13	S-14	S-15	S-16	S-17	S-18	S-19	S-20	S-21	S-22	S-23	S-24	S-25	S-26	S-27	S-28	S-29	S-30	P-2
N-04-*.*	P-1	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	S-10	S-11	S-12	S-13	S-14	S-15	S-16	S-17	S-18	S-19	S-20	S-21	S-22	S-23	S-24	S-25	S-26	S-27	S-28	S-29	S-30	P-2
N-03-*.*	P-1	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	S-10	S-11	S-12	S-13	S-14	S-15	S-16	S-17	S-18	S-19	S-20	S-21	S-22	S-23	S-24	S-25	S-26	S-27	S-28	S-29	S-30	P-2
N-02-*.*	P-1	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	S-10	S-11	S-12	S-13	S-14	S-15	S-16	S-17	S-18	S-19	S-20	S-21	S-22	S-23	S-24	S-25	S-26	S-27	S-28	S-29	S-30	P-2
N-01-*.*	P-1	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	S-10	S-11	S-12	S-13	S-14	S-15	S-16	S-17	S-18	S-19	S-20	S-21	S-22	S-23	S-24	S-25	S-26	S-27	S-28	S-29	S-30	P-2

KEY

- Visible mold
- Water staining on gypsum board
- Water staining on ceiling tile
- Water staining on gypsum board and ceiling tile
- Water staining on fireproofing
- Water staining on gypsum board and fireproofing
- Panel photos inspected, no issues detected.
- Missing photographs

S-* = Spandrel panel
P-* = Punch-out window
PENT = Penthouse level
MAINT = Maintenance level
N- = North
E- = East
S- = South
W- = West
N-04 = Shading indicates completion of photograph review for this floor.

CONFIDENTIAL

Printed: 2/15/2011

Table 2: Photograph Review - MCA Spandrel Panel Survey - EAST Elevation

BOE Building, 450 N Street, Sacramento, California

E-PENT																										
E-24-*.*		S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	S-10	S-11	S-12	S-13	S-14	S-15	S-16	S-17	S-18	S-19	S-20	S-21	S-22	S-23	S-24	
E-23-*.*		S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	S-10	S-11	S-12	S-13	S-14	S-15	S-16	S-17	S-18	S-19	S-20	S-21	S-22	S-23	S-24	
E-22-*.*	P-1	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	S-10	S-11	S-12	S-13	S-14	S-15	S-16	S-17	S-18	S-19	S-20	S-21	S-22	S-23	S-24	P-2
E-21-*.*	P-1	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	S-10	S-11	S-12	S-13	S-14	S-15	S-16	S-17	S-18	S-19	S-20	S-21	S-22	S-23	S-24	P-2
E-20-*.*	P-1	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	S-10	S-11	S-12	S-13	S-14	S-15	S-16	S-17	S-18	S-19	S-20	S-21	S-22	S-23	S-24	P-2
E-19-*.*	P-1	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	S-10	S-11	S-12	S-13	S-14	S-15	S-16	S-17	S-18	S-19	S-20	S-21	S-22	S-23	S-24	P-2
E-18-*.*	P-1	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	S-10	S-11	S-12	S-13	S-14	S-15	S-16	S-17	S-18	S-19	S-20	S-21	S-22	S-23	S-24	P-2
E-17-*.*	P-1	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	S-10	S-11	S-12	S-13	S-14	S-15	S-16	S-17	S-18	S-19	S-20	S-21	S-22	S-23	S-24	P-2
E-16-*.*	P-1	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	S-10	S-11	S-12	S-13	S-14	S-15	S-16	S-17	S-18	S-19	S-20	S-21	S-22	S-23	S-24	P-2
E-15-*.*	P-1	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	S-10	S-11	S-12	S-13	S-14	S-15	S-16	S-17	S-18	S-19	S-20	S-21	S-22	S-23	S-24	P-2
E-14-*.*	P-1	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	S-10	S-11	S-12	S-13	S-14	S-15	S-16	S-17	S-18	S-19	S-20	S-21	S-22	S-23	S-24	P-2
E-MAINT																										
E-11-*.*	P-1	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	S-10	S-11	S-12	S-13	S-14	S-15	S-16	S-17	S-18	S-19	S-20	S-21	S-22	S-23	S-24	P-2
E-10-*.*	P-1	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	S-10	S-11	S-12	S-13	S-14	S-15	S-16	S-17	S-18	S-19	S-20	S-21	S-22	S-23	S-24	P-2
E-09-*.*	P-1	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	S-10	S-11	S-12	S-13	S-14	S-15	S-16	S-17	S-18	S-19	S-20	S-21	S-22	S-23	S-24	P-2
E-08-*.*	P-1	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	S-10	S-11	S-12	S-13	S-14	S-15	S-16	S-17	S-18	S-19	S-20	S-21	S-22	S-23	S-24	P-2
E-07-*.*	P-1	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	S-10	S-11	S-12	S-13	S-14	S-15	S-16	S-17	S-18	S-19	S-20	S-21	S-22	S-23	S-24	P-2
E-06-*.*	P-1	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	S-10	S-11	S-12	S-13	S-14	S-15	S-16	S-17	S-18	S-19	S-20	S-21	S-22	S-23	S-24	P-2
E-05-*.*	P-1	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	S-10	S-11	S-12	S-13	S-14	S-15	S-16	S-17	S-18	S-19	S-20	S-21	S-22	S-23	S-24	P-2
E-04-*.*	P-1	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	S-10	S-11	S-12	S-13	S-14	S-15	S-16	S-17	S-18	S-19	S-20	S-21	S-22	S-23	S-24	P-2
E-03-*.*	P-1	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	S-10	S-11	S-12	S-13	S-14	S-15	S-16	S-17	S-18	S-19	S-20	S-21	S-22	S-23	S-24	P-2
E-02-*.*	P-1	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	S-10	S-11	S-12	S-13	S-14	S-15	S-16	S-17	S-18	S-19	S-20	S-21	S-22	S-23	S-24	P-2
E-01-*.*	P-1	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	S-10	S-11	S-12	S-13	S-14	S-15	S-16	S-17	S-18	S-19	S-20	S-21	S-22	S-23	S-24	P-2

KEY

- Visible mold
- Water staining on gypsum board
- Water staining on ceiling tile
- Water staining on gypsum board and ceiling tile
- Water staining on fireproofing
- Water staining on gypsum board and fireproofing
- Panel photos inspected, no issues detected.
- Missing photographs

S-* = Spandrel panel
P-* = Punch-out window
PENT = Penthouse level
MAINT = Maintenance level
N-04 = Shading indicates completion of photograph review for this floor.

N- = North
E- = East
S- = South
W- = West

CONFIDENTIAL

Table 2: Photograph Review - MCA Spandrel Panel Survey - SOUTH Elevation

BOE Building, 450 N Street, Sacramento, California

S-PENT																																
S-24-*.*		S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	S-10	S-11	S-12	S-13	S-14	S-15	S-16	S-17	S-18	S-19	S-20	S-21	S-22	S-23	S-24	S-25	S-26	S-27	S-28	S-29	S-30	
S-23-*.*		S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	S-10	S-11	S-12	S-13	S-14	S-15	S-16	S-17	S-18	S-19	S-20	S-21	S-22	S-23	S-24	S-25	S-26	S-27	S-28	S-29	S-30	
S-22-*.*	P-1	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	S-10	S-11	S-12	S-13	S-14	S-15	S-16	S-17	S-18	S-19	S-20	S-21	S-22	S-23	S-24	S-25	S-26	S-27	S-28	S-29	S-30	P-2
S-21-*.*	P-1	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	S-10	S-11	S-12	S-13	S-14	S-15	S-16	S-17	S-18	S-19	S-20	S-21	S-22	S-23	S-24	S-25	S-26	S-27	S-28	S-29	S-30	P-2
S-20-*.*	P-1	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	S-10	S-11	S-12	S-13	S-14	S-15	S-16	S-17	S-18	S-19	S-20	S-21	S-22	S-23	S-24	S-25	S-26	S-27	S-28	S-29	S-30	P-2
S-19-*.*	P-1	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	S-10	S-11	S-12	S-13	S-14	S-15	S-16	S-17	S-18	S-19	S-20	S-21	S-22	S-23	S-24	S-25	S-26	S-27	S-28	S-29	S-30	P-2
S-18-*.*	P-1	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	S-10	S-11	S-12	S-13	S-14	S-15	S-16	S-17	S-18	S-19	S-20	S-21	S-22	S-23	S-24	S-25	S-26	S-27	S-28	S-29	S-30	P-2
S-17-*.*	P-1	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	S-10	S-11	S-12	S-13	S-14	S-15	S-16	S-17	S-18	S-19	S-20	S-21	S-22	S-23	S-24	S-25	S-26	S-27	S-28	S-29	S-30	P-2
S-16-*.*	P-1	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	S-10	S-11	S-12	S-13	S-14	S-15	S-16	S-17	S-18	S-19	S-20	S-21	S-22	S-23	S-24	S-25	S-26	S-27	S-28	S-29	S-30	P-2
S-15-*.*	P-1	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	S-10	S-11	S-12	S-13	S-14	S-15	S-16	S-17	S-18	S-19	S-20	S-21	S-22	S-23	S-24	S-25	S-26	S-27	S-28	S-29	S-30	P-2
S-14-*.*	P-1	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	S-10	S-11	S-12	S-13	S-14	S-15	S-16	S-17	S-18	S-19	S-20	S-21	S-22	S-23	S-24	S-25	S-26	S-27	S-28	S-29	S-30	P-2
S-MAIN																																
S-11-*.*	P-1	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	S-10	S-11	S-12	S-13	S-14	S-15	S-16	S-17	S-18	S-19	S-20	S-21	S-22	S-23	S-24	S-25	S-26	S-27	S-28	S-29	S-30	P-2
S-10-*.*	P-1	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	S-10	S-11	S-12	S-13	S-14	S-15	S-16	S-17	S-18	S-19	S-20	S-21	S-22	S-23	S-24	S-25	S-26	S-27	S-28	S-29	S-30	P-2
S-09-*.*	P-1	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	S-10	S-11	S-12	S-13	S-14	S-15	S-16	S-17	S-18	S-19	S-20	S-21	S-22	S-23	S-24	S-25	S-26	S-27	S-28	S-29	S-30	P-2
S-08-*.*	P-1	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	S-10	S-11	S-12	S-13	S-14	S-15	S-16	S-17	S-18	S-19	S-20	S-21	S-22	S-23	S-24	S-25	S-26	S-27	S-28	S-29	S-30	P-2
S-07-*.*	P-1	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	S-10	S-11	S-12	S-13	S-14	S-15	S-16	S-17	S-18	S-19	S-20	S-21	S-22	S-23	S-24	S-25	S-26	S-27	S-28	S-29	S-30	P-2
S-06-*.*	P-1	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	S-10	S-11	S-12	S-13	S-14	S-15	S-16	S-17	S-18	S-19	S-20	S-21	S-22	S-23	S-24	S-25	S-26	S-27	S-28	S-29	S-30	P-2
S-05-*.*	P-1	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	S-10	S-11	S-12	S-13	S-14	S-15	S-16	S-17	S-18	S-19	S-20	S-21	S-22	S-23	S-24	S-25	S-26	S-27	S-28	S-29	S-30	P-2
S-04-*.*	P-1	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	S-10	S-11	S-12	S-13	S-14	S-15	S-16	S-17	S-18	S-19	S-20	S-21	S-22	S-23	S-24	S-25	S-26	S-27	S-28	S-29	S-30	P-2
S-03-*.*	P-1	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	S-10	S-11	S-12	S-13	S-14	S-15	S-16	S-17	S-18	S-19	S-20	S-21	S-22	S-23	S-24	S-25	S-26	S-27	S-28	S-29	S-30	P-2
S-02-*.*	P-1	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	S-10	S-11	S-12	S-13	S-14	S-15	S-16	S-17	S-18	S-19	S-20	S-21	S-22	S-23	S-24	S-25	S-26	S-27	S-28	S-29	S-30	P-2
S-01-*.*	P-1	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	S-10	S-11	S-12	S-13	S-14	S-15	S-16	S-17	S-18	S-19	S-20	S-21	S-22	S-23	S-24	S-25	S-26	S-27	S-28	S-29	S-30	P-2

KEY

- Visible mold
- Water staining on gypsum board
- Water staining on ceiling tile
- Water staining on gypsum board and ceiling tile
- Water staining on fireproofing
- Water staining on gypsum board and fireproofing
- Panel photos inspected, no issues detected.
- Missing photographs

S-* = Spandrel panel
P-* = Punch-out window
PENT = Penthouse level
MAINT = Maintenance level
N-04 = Shading indicates completion of photograph review for this floor.

N- = North
E- = East
S- = South
W- = West

CONFIDENTIAL

Printed: 2/15/2011

Table 2: Photograph Review - MCA Spandrel Panel Survey - WEST Elevation

BOE Building, 450 N Street, Sacramento, California

W-PENT																										
W-24-*.*		S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	S-10	S-11	S-12	S-13	S-14	S-15	S-16	S-17	S-18	S-19	S-20	S-21	S-22	S-23	S-24	
W-23-*.*		S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	S-10	S-11	S-12	S-13	S-14	S-15	S-16	S-17	S-18	S-19	S-20	S-21	S-22	S-23	S-24	
W-22-*.*	P-1	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	S-10	S-11	S-12	S-13	S-14	S-15	S-16	S-17	S-18	S-19	S-20	S-21	S-22	S-23	S-24	P-2
W-21-*.*	P-1	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	S-10	S-11	S-12	S-13	S-14	S-15	S-16	S-17	S-18	S-19	S-20	S-21	S-22	S-23	S-24	P-2
W-20-*.*	P-1	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	S-10	S-11	S-12	S-13	S-14	S-15	S-16	S-17	S-18	S-19	S-20	S-21	S-22	S-23	S-24	P-2
W-19-*.*	P-1	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	S-10	S-11	S-12	S-13	S-14	S-15	S-16	S-17	S-18	S-19	S-20	S-21	S-22	S-23	S-24	P-2
W-18-*.*	P-1	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	S-10	S-11	S-12	S-13	S-14	S-15	S-16	S-17	S-18	S-19	S-20	S-21	S-22	S-23	S-24	P-2
W-17-*.*	P-1	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	S-10	S-11	S-12	S-13	S-14	S-15	S-16	S-17	S-18	S-19	S-20	S-21	S-22	S-23	S-24	P-2
W-16-*.*	P-1	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	S-10	S-11	S-12	S-13	S-14	S-15	S-16	S-17	S-18	S-19	S-20	S-21	S-22	S-23	S-24	P-2
W-15-*.*	P-1	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	S-10	S-11	S-12	S-13	S-14	S-15	S-16	S-17	S-18	S-19	S-20	S-21	S-22	S-23	S-24	P-2
W-14-*.*	P-1	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	S-10	S-11	S-12	S-13	S-14	S-15	S-16	S-17	S-18	S-19	S-20	S-21	S-22	S-23	S-24	P-2
W-MAINT																										
W-11-*.*	P-1	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	S-10	S-11	S-12	S-13	S-14	S-15	S-16	S-17	S-18	S-19	S-20	S-21	S-22	S-23	S-24	P-2
W-10-*.*	P-1	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	S-10	S-11	S-12	S-13	S-14	S-15	S-16	S-17	S-18	S-19	S-20	S-21	S-22	S-23	S-24	P-2
W-09-*.*	P-1	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	S-10	S-11	S-12	S-13	S-14	S-15	S-16	S-17	S-18	S-19	S-20	S-21	S-22	S-23	S-24	P-2
W-08-*.*	P-1	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	S-10	S-11	S-12	S-13	S-14	S-15	S-16	S-17	S-18	S-19	S-20	S-21	S-22	S-23	S-24	P-2
W-07-*.*	P-1	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	S-10	S-11	S-12	S-13	S-14	S-15	S-16	S-17	S-18	S-19	S-20	S-21	S-22	S-23	S-24	P-2
W-06-*.*	P-1	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	S-10	S-11	S-12	S-13	S-14	S-15	S-16	S-17	S-18	S-19	S-20	S-21	S-22	S-23	S-24	P-2
W-05-*.*	P-1	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	S-10	S-11	S-12	S-13	S-14	S-15	S-16	S-17	S-18	S-19	S-20	S-21	S-22	S-23	S-24	P-2
W-04-*.*	P-1	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	S-10	S-11	S-12	S-13	S-14	S-15	S-16	S-17	S-18	S-19	S-20	S-21	S-22	S-23	S-24	P-2
W-03-*.*	P-1	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	S-10	S-11	S-12	S-13	S-14	S-15	S-16	S-17	S-18	S-19	S-20	S-21	S-22	S-23	S-24	P-2
W-02-*.*	P-1	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	S-10	S-11	S-12	S-13	S-14	S-15	S-16	S-17	S-18	S-19	S-20	S-21	S-22	S-23	S-24	P-2
W-01-*.*	P-1	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	S-10	S-11	S-12	S-13	S-14	S-15	S-16	S-17	S-18	S-19	S-20	S-21	S-22	S-23	S-24	P-2

KEY

- Visible mold
- Water staining on gypsum board
- Water staining on ceiling tile
- Water staining on gypsum board and ceiling tile
- Water staining on fireproofing
- Water staining on gypsum board and fireproofing
- Panel photos inspected, no issues detected.
- Missing photographs

S-* = Spandrel panel
P-* = Punch-out window
PENT = Penthouse level
MAINT = Maintenance level
N-04 = Shading indicates completion of photograph review for this floor.

N- = North
E- = East
S- = South
W- = West

CONFIDENTIAL

Table 3: Revised BOE Water Damage Assessment Summary

Location			Above Ceiling Tiles					Below Ceiling Tiles / Room Area	
Floor	Grid / Column	Room	Tiles (left above ceiling)	Fiberglass insulation (left above ceiling)	Ceiling (visible issues)	Comments	Observer	Comments	Observer
Floor 5									
5	1	521	N	Y	Y	Exposed fiberglass at perimeter walls. Clumps of fiberglass. Water staining on pipe fiberglass insulation at valves.	TMI		
5	2	512	N	N	N		TMI		
5	2	512	N	N	N		TMI		
5	3	512	N	N	N		TMI		
5	4	512	N	N	Y	Very corroded fire sprinkler pipe elbow in vicinity of historic leak. Dust balls.	TMI		
5	5	512	N	Y	N	Suspect historic leak location is due to water leak at window on 6th floor. No piping above 5th floor ceiling in this area.	TMI		
5	5	512	N	N	Y	Oil stain on top of ceiling tile. Medium to heavy debris.	TMI		
5	6	512	N	Y	Y	Valve corroded on hot water capped piping loop near light just NE of N-18 column. Pipe fiberglass insulation also shows water staining. Typical exposed fiberglass (not taped) and clumps of fiberglass debris.	TMI		
5	7	521	N	Y	N	Area of historic leaks are in vicinity of VAV boxes. Looks like fittings have been changed. Clumps of fiberglass and dust balls.	TMI		
5	7	521	N	Y	N	Stained ceiling tile and thermal system insulation. Light debris.	TMI		
5	8	512	N	Y	N	Rodent droppings on top of wall. fiberglass insulation over interior offices. Could not visually access historic leak area. Ceiling tiles show damage.	TMI		
5	8	507	N	Y	Y	Oil stain on ceiling tile. Fiberglass debris.	TMI		
5	8	N hall	N	N	N		TMI		
5	8	N hall	N	N	N		TMI		
5	8	503, 504, 508, 511	NA	NA	NA			Staining on GB at cove base.	TMI
5	9	512	N	Y	N	Fiberglass insulation over interior offices.	TMI		

CONFIDENTIAL

Table 3: Revised BOE Water Damage Assessment Summary

Location			Above Ceiling Tiles					Below Ceiling Tiles / Room Area	
Floor	Grid / Column	Room	Tiles (left above ceiling)	Fiberglass insulation (left above ceiling)	Ceiling (visible issues)	Comments	Observer	Comments	Observer
5	9	N hall	N	N	N		TMI		
5	10	512	N	Y	Y	Exposed fiberglass on ducting and fiberglass insulation over interior offices. Water staining on FP on beam running NS from Column N-19.	TMI		
5	10	N hall	N	N	N		TMI	Staining on GB at cove base.	TMI
5	11	512	Y	Y	N	VAV boxes in vicinity of historic leaks. fiberglass insulation exposed on ducting.	TMI		
5	11	512	N	N	Y	Oil stained ceiling tile. Light debris.	TMI		
5	11	N hall	N	N	N		TMI		
5	11	E ETE	NA	NA	NA			Staining on GB at cove base and wall.	TMI
5	12	512	N	Y	Y	Active slow dripping at flex connection to VAV box above cube 18. Clumps of fiberglass.	TMI		
5	12	512	N	N	Y	Oil stained ceiling tile. Medium debris.	TMI		
5	13	520	Y	Y	N	Limited access due to fiberglass insulation. Numerous tiles litter ceiling.	TMI		
5	13	520	N	N	N		TMI		
5	11	522	N	N	Y	Stained ceiling tile beneath leaking fire sprinkler pipe fittings.	TMI	Staining on GB at cove base.	TMI
5	14	W ETE	NA	NA	NA	Stained GB wall at FP.	TMI		
5	14	Men's Restroom	N	N	Y	Stains on ceiling GB and FP in plenum.	TMI		
5	15	Storage 5B, 5C	N	N	Y	Staining on ceiling and wall GB.	TMI		
5	16	Janitor Rm.	N	N	Y	Stains on GB and FP in plenum.	TMI		
5	16	Women's Restroom	N	N	Y	Staining on GB wall above ceiling.	TMI		
5	17	Women's Restroom	N	N	Y	Stains on FP and GB in plenum.	TMI	Water stain on N wall of fire sprinkler riser cabinet. Staining on GB wall behind cove base in Storage 5A.	TMI
5	17	E ETE	NA	NA	NA	Stained FP.	TMI	Staining on GB at cove base and wall.	TMI
5	18	512	N	N	Y	Water stains on FP. Clumps of fiberglass.	TMI		
5	19	519	N	Y	Y	Corrosion on fire sprinkler elbow in area of historic leak. Small stain on bottom of ceiling tile. Clumps of fiberglass. VAV box in vicinity of historic leak. Square filter in rectangle duct.	TMI		
5	19	519	N	N	N		TMI		

CONFIDENTIAL

Table 3: Revised BOE Water Damage Assessment Summary

Location			Above Ceiling Tiles					Below Ceiling Tiles / Room Area	
Floor	Grid / Column	Room	Tiles (left above ceiling)	Fiberglass insulation (left above ceiling)	Ceiling (visible issues)	Comments	Observer	Comments	Observer
5	20	519	N	N	N		TMI		
5	20	S hall	N	N	N		TMI		
5	20	518	NA	NA	NA			Staining on GB at cove base.	TMI
5	21	517				No access.		No access.	
5	21	518	NA	NA	NA			Staining on GB at cove base.	TMI
5	21	S hall	N	N	Y	Stained GB.	TMI		
5	21	S hall	N	N	Y	Stained FP.	TMI		
5	22	Server Room	N	Y	N	Clumps of fiberglass.	TMI		
5	22	S hall	N	N	Y	Stained GB and FP.	TMI		
5	22	515 Server Rm.	N	N	Y	Stained FP.	TMI	Stained GB at two locations below raised floor and at one location behind cove base in entry.	TMI
5	23	S hall	N	N	Y	Stained FP.	TMI		
5	23	S hall	N	N	N		TMI		
5	23	515 Server Rm.	N	N	Y	Ceiling tile shows water stain from below, but cannot be viewed from above due to duct above. Small rust spot seen on FP in area of historic leak. Also water stain on FP.	TMI	Water staining on ceiling tile in server room between columns L-18 and K-18.	TMI
5	23	515 Server Rm.	N	N	N		TMI		
5	23	515 Server Rm.	N	N	N		TMI		
5	24	513	N	Y	N	Fiberglass insulation on ceiling in 514, but not 513. Clumps of fiberglass over 512.	TMI		
5	24	514	N	Y	Y	Stains on wall GB above and below ceiling tiles.	TMI	Stained GB walls at cove base.	TMI
5	24	515 Server Rm.	N	N	Y	Stained FP and GB at E wall near room entrance.	TMI		
5	24	515 Server Rm.	N	N	N		TMI		
5	24	515 Server Rm.	N	N	N		TMI		
5	25	519	N	Y	Y	Exposed fiberglass at column. Clumps of fiberglass. Water stain on pipe fiberglass insulation below fire sprinkler fitting.	TMI		
5	26	519	N	Y	N	Dust balls and clumps of fiberglass.	TMI		

CONFIDENTIAL

Table 3: Revised BOE Water Damage Assessment Summary

Location			Above Ceiling Tiles					Below Ceiling Tiles / Room Area	
Floor	Grid / Column	Room	Tiles (left above ceiling)	Fiberglass insulation (left above ceiling)	Ceiling (visible issues)	Comments	Observer	Comments	Observer
5	26	519	N	N	Y	Stained ceiling tile, light debris.	TMI		
5	27	516	N	N	Y	Stains on ceiling tiles at VAV box.	TMI	Stained GB below raised floor.	TMI
5	27	516	N	N	Y	Stained GB.	TMI		
5	27	516	N	N	N		TMI		
5	28	Server Room	Y	N	N		TMI		
5	28	515 Server Rm.	N	N	N		TMI	Stained GB below raised floor.	TMI
5	29	Server Room	N	N	N		TMI		
5	29	515 Server Rm.	N	N	Y	Stained GB.	TMI	Stained GB below raised floor.	TMI
5	30	515 Server Rm.	N	N	N		TMI		
5	30	515 Server Rm.	N	N	N		TMI		
5	O22	512	N	N	Y	Water stain on FP, rusted FP mesh exposed.	AS		
5	O21	512	N	N	N		AS		
5	O20	512	N	N	N		AS		
5	O19	512	N	N	N		AS		
5	O18	512	N	N	N		AS		
5	N23	521	N	N	N		AS		
5	N22	521	N	N	N		AS		
5	N21	512	N	N	N		AS		
5	N20	512	N	N	N		AS		
5	N19	512	N	N	Y	Water stain on FP.	AS		
5	N18	512	N	N	Y	Water stain on FP.	AS		
5	N17	512	N	N	Y	Water stain on GB.	AS		
5	M23	521	N	N	N		AS		
5	M22	521	N	N	N		AS		
5	M18	512	N	N	Y	Water stain on FP.	AS		
5	M17	512	N	N	N		AS		
5	L23	520	N	N	N		AS		
5	L22	520	N	N	N		AS		
5	L18	512	N	N	Y	Water stain on FP.	AS		

CONFIDENTIAL

Table 3: Revised BOE Water Damage Assessment Summary

Location			Above Ceiling Tiles					Below Ceiling Tiles / Room Area	
Floor	Grid / Column	Room	Tiles (left above ceiling)	Fiberglass insulation (left above ceiling)	Ceiling (visible issues)	Comments	Observer	Comments	Observer
5	L17	512	N	N	N		AS		
5	K23	519	N	N	N		AS		
5	K22	519	N	N	N		AS		
5	K21	519	N	N	Y	Rodent droppings on top of ceiling tile.	AS		
5	K20	517	N	N	Y	Water stain on FP.	TMI		
5	K19	515	N	N	Y	Oil stain on top of ceiling tile.	TMI		
5	K18	515	N	N	Y	Water stain on FP.	TMI		
5	K17	512	N	N	Y	Water stain on GB.	AS		
5	J22	519	N	N	N		AS		
5	J21	519	N	N	N		AS		
5	J20	516	N	N	Y	Water stain on GB.	TMI		
5	J19	515	N	N	Y	Water stain on FP.	TMI		
5	J18	515	N	N	N		TMI	GB on column enclosure stained.	TMI

Abbreviations: ETE = Electrical and Telephone Equipment Room FP = Fireproofing GB = Gypsum Board LF = Linear Feet NA = Not Applicable for WDA
SF = Square Feet VAV = Variable Air Volume
Directions: N = North NE = Northeast NW = Northwest E = East S = South SE = Southeast SW = Southwest W = West

CONFIDENTIAL