

Pfeiffer, Jane K - DNR

From: Pfeiffer, Jane K - DNR
Sent: Thursday, June 10, 2021 12:43 PM
To: Robert Reineke
Subject: RE: Community Within the Corridor - West Block (02-41-587376) - Technical Assistance Letter

Hi Robert,

I left a voicemail for you this morning to discuss the questions you provided in the emails below. I will be in work status until approximately 430PM this evening—Please give me a call if you can when you are free. I will also be in work status tomorrow to discuss.

Thank you,

Jane

From: Robert Reineke <rreineke@ksinghengineering.com>
Sent: Thursday, June 10, 2021 10:26 AM
To: Pfeiffer, Jane K - DNR <jane.pfeiffer@wisconsin.gov>
Subject: RE: Community Within the Corridor - West Block (02-41-587376) - Technical Assistance Letter

Jane,

For your reference, please find updated vapor mitigation plans for the West Block. We'll also be implementing the hot spot removal we proposed earlier.

The vapor mitigation system proposed should cover Buildings 7, 8A, and 8B except the Basement of 8A where no VRSLs were exceeded.

We will be performing an additional round of sub-slab vapor sampling in the basement/boiler room of 8A as well as in the basement of building 6. And potentially in Buildings 4 and 5. With the 2nd round of vapor sampling used to evaluate whether more VMS is needed for the basement areas and buildings 4 and 5.

Based on what we've provided, will the WDNR have enough information to evaluate the proposed VMS and hot spot removal plan for Buildings 7, 8A, and 8B in response to your Technical Assistance Review with vapor sampling data reported when it comes in?

Robert T. Reineke, P.E.
Principal Engineer | rreineke@ksinghengineering.com



262.821.1171, ext. 111 (p) | 262.424.5191 (cell)

From: [Pfeiffer, Jane K - DNR](#)
Sent: Thursday, June 10, 2021 8:18 AM

To: [Robert Reineke](mailto:rreineke@ksinghengineering.com)

Subject: RE: Community Within the Corridor - West Block (02-41-587376) - Technical Assistance Letter

Hi Robert,

Thanks for the information. I will provide a response to your question shortly.

Best,

Jane

From: Robert Reineke <rreineke@ksinghengineering.com>

Sent: Wednesday, June 9, 2021 6:12 PM

To: Pfeiffer, Jane K - DNR <jane.pfeiffer@wisconsin.gov>

Subject: RE: Community Within the Corridor - West Block (02-41-587376) - Technical Assistance Letter

Jane,

I was reviewing the vapor data for the project and the wrong VRSL was entered for Xylenes. The residential VRSL in the Quick Look Up Table is 3,300 ug/m3 and the xylenes detected were 350 ug/m3. There are no VRSLs exceeded in Buildings 4 and 5 of the West Block during the first round of sub-slab vapor sampling. I wanted to discuss with you whether that has any effect on the requirements for a 2nd round of sub-slab vapor sampling under buildings 4 and 5.

Robert T. Reineke, P.E.

Principal Engineer | rreineke@ksinghengineering.com



262.821.1171, ext. 111 (p) | 262.424.5191 (cell)

From: [Pfeiffer, Jane K - DNR](mailto:jane.pfeiffer@wisconsin.gov)

Sent: Wednesday, June 9, 2021 2:27 PM

To: [Robert Reineke](mailto:rreineke@ksinghengineering.com); [Shane LaFave](mailto:shane.lafave@roers.com)

Cc: que@scott-crawford.com; [Pratap Singh](mailto:psingh@ksinghengineering.com)

Subject: RE: Community Within the Corridor - West Block (02-41-587376) - Technical Assistance Letter

Hi Robert,

Thank you for the update.

Best,

Jane

From: Robert Reineke <rreineke@ksinghengineering.com>

Sent: Wednesday, June 9, 2021 2:12 PM

To: Pfeiffer, Jane K - DNR <jane.pfeiffer@wisconsin.gov>; Shane LaFave <Shane@roerscompanies.com>

Cc: que@scott-crawford.com; Pratap Singh <psingh@ksinghengineering.com>

Subject: RE: Community Within the Corridor - West Block (02-41-587376) - Technical Assistance Letter

Jane,

We'll be submitting a response soon to the Technical Assistance Letter.

In the meantime, please find attached a figure showing the proposed hot spot removal and revised vapor mitigation system for your reference.

We are proposing to perform a second round vapor sampling for WB-SS-2, WB-SS-8, WB-SS-9, WB-SS-10, WB-SS-11, WB-SS-12, WB-SS-13, WB-SS-14, WB-SS-24, and WB-SS-25. We'll keep you informed on progress.

Robert T. Reineke, P.E.

Principal Engineer | rreineke@ksinghengineering.com



262.821.1171, ext. 111 (p) | 262.424.5191 (cell)

From: [Pfeiffer, Jane K - DNR](#)

Sent: Tuesday, June 1, 2021 5:14 PM

To: [Shane LaFave](#)

Cc: que@scott-crawford.com; [Robert Reineke](#); [Pratap Singh](#)

Subject: Community Within the Corridor - West Block (02-41-587376) - Technical Assistance Letter

Greetings,

Attached is the technical assistance letter for the above-referenced site. Due to the COVID-19 pandemic, I am currently unable to mail you a hard copy of this letter.

Thank you,

Jane

We are committed to service excellence.

Visit our survey at <http://dnr.wi.gov/customersurvey> to evaluate how I did.

Jane Pfeiffer

Phone: (414) 435-8021

jane.pfeiffer@wisconsin.gov

Total Control Panel

[Login](#)

To: rreineke@ksinghengineering.com

Message Score: 1

High (60): Pass

From:

My Spam Blocking Level: Low

Medium (75): Pass

prvs=779adf9e2=jane.pfeiffer@wisconsin.gov

Low (90): Pass

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[Block](#) wisconsin.gov

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Total Control Panel

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My Spam Blocking Level: Low
[Block](#) this sender
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High (60): **Pass**
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Total Control Panel

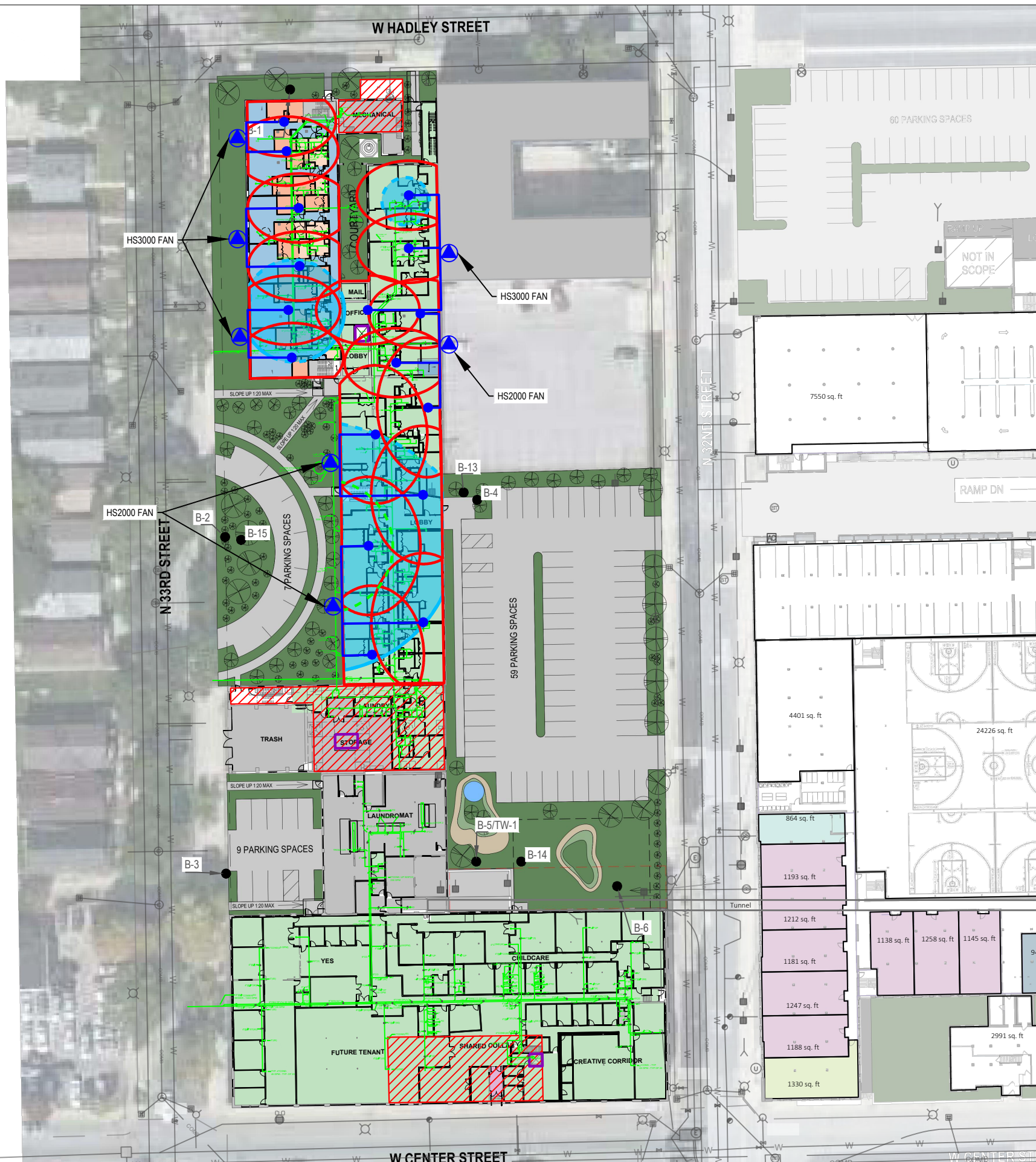
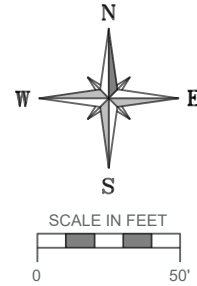
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To: rreineke@ksinghengineering.com
From: prvs=788a934b3=jane.pfeiffer@wisconsin.gov

Message Score: 1
My Spam Blocking Level: Low
[Block](#) this sender
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High (60): **Pass**
Medium (75): **Pass**
Low (90): **Pass**

This message was delivered because the content filter score did not exceed your filter level.

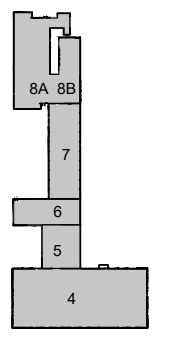


FLOOR FINISH LEGEND

| | | |
|--|----------------|--|
| | CPT-1 | BROADLOOM CARPET (UNIT BEDROOMS) |
| | CT-1 | CERAMIC TILE (UNIT BATHROOMS W/ ROLL-IN SHOWERS ONLY) |
| | EXTG-WD | EXISTING WOOD FLOORING TO REMAIN IN PLACE & BE REFINISHED |
| | LVT-1 | LUXURY VINYL TILE (UNIT BATHROOMS) |
| | MZ-1 | EXISTING HISTORIC MOSAIC TILE - TO REMAIN IN PLACE & CLEAN |
| | PC-1 | POLISHED CONCRETE |
| | SC-1 | SEALED CONCRETE |
| | WD-SV | SALVAGED WOOD - REMOVED, REINSTALLED AND REFINISHED (SALVAGED WOOD WILL BE REINSTALLED IN CORRIDORS FIRST THEN CONTINUE INTO UNITS - IF THERE IS NOT ENOUGH QUANTITY - INSTALL NEW WOOD FLOORING TO MATCH HISTORIC SIZE) |

LEGEND

- Previous Boring and Temporary Well Locations
- Known Elevator Shaft
- Planned Underground Plumbing
- Underground Tunnel
- Basement Area(s)
- Extraction Point Location
- 3" sch. 40 PVC pipe (may be modified)
- Exterior Fan Location
- Zone of Influence
- Approximate WI Residential VRSL Exceedance Extents
- Approximate WI Small Commercial VRSL Exceedance Extents



KEY PLAN

- NOTES:**
1. MINIMUM OF 3.5" SLAB PENETRATION
 2. 10-15 "GALL" SOIL REMOVED BENEATH SLAB TO ACT AS SUCTION PIT
 3. SEE TABLE FOR RADII FOOTAGE
 4. 3" SCH. 40 PVC
 5. BALL VALVES FOR EACH EXTRACTION POINT TO REGULATE FLOW
 6. MANOMETER AND VELOCITY PORTS FOR EACH EXTRACTION POINT TO MEASURE FLOW AND NEGATIVE PRESSURE
 7. MANOMETER POINT AT EACH FAN INLET FOR NEGATIVE PRESSURE
 8. EXHAUST VENTING 2 FT ABOVE ROOF AND/OR 12 FT FROM WINDOWS
 9. MIN 1.5% SLOPE TOWARD EXTRACTION POINTS
 10. ELECTRICAL DISCONNECT AND OWN CIRCUIT FOR EACH FAN
 11. 2" EXHAUST PIPING FOR HS FANS, 3" FOR GP501C
 12. SEAL ALL CRACKS IN FLOORS
 13. PLANS UNDERWAY TO REVISE WD-SV TO SC-1 UNDERLAIN BY 10-MIL SUB-MEMBRANE.

KSingh Engineers
Scientists
Consultants

3636 North 124th Street
Wauwatosa, WI 53222
262-821-1171

CONSULTANT

CONSULTANT

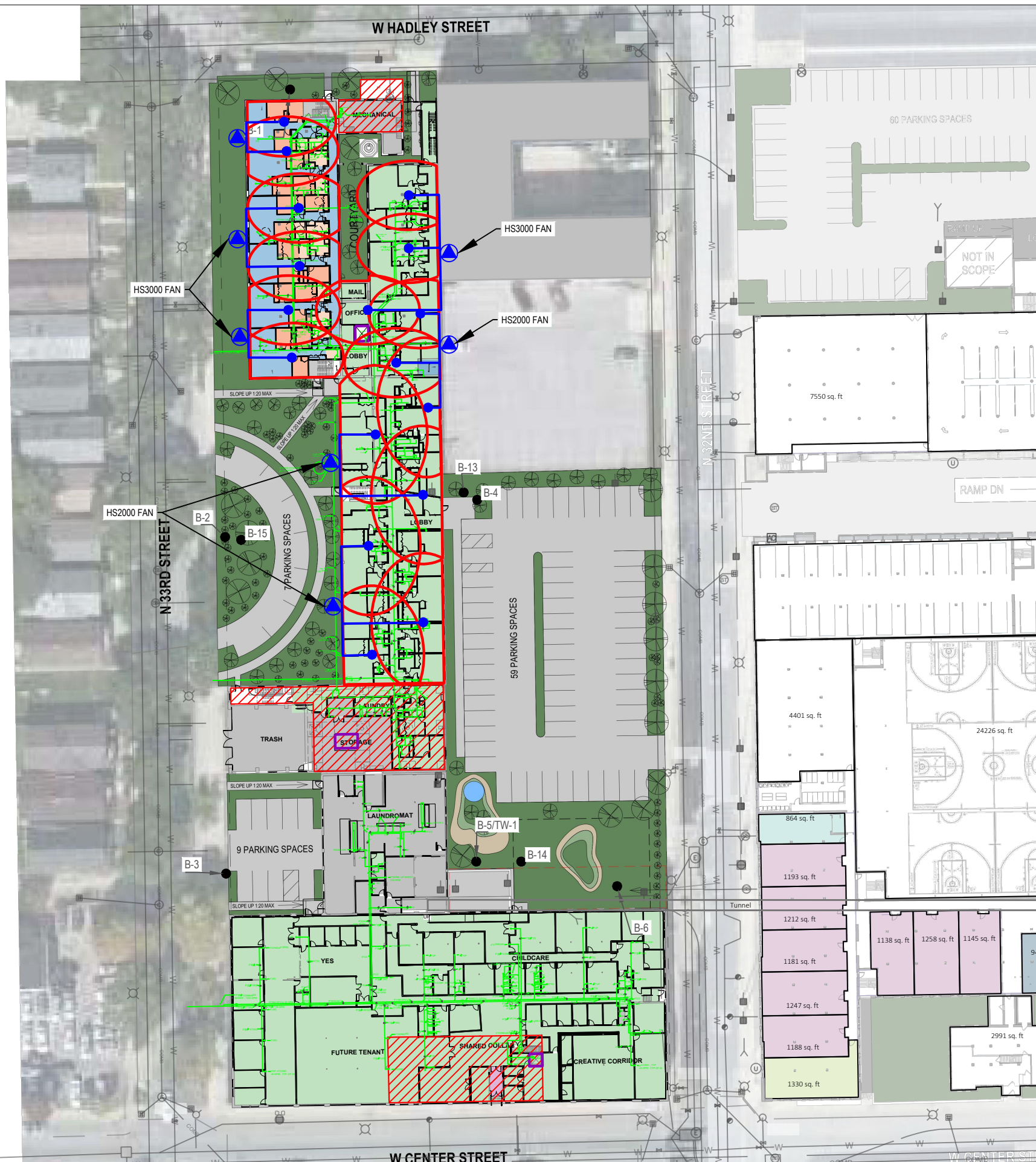
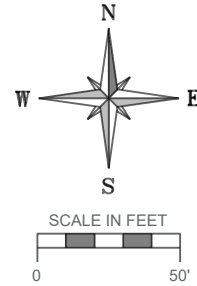
PROJECT TITLE: COMMUNITY WITHIN THE CORRIDOR - WEST BLOCK
MILWAUKEE, WI
PROJECT NUMBER: 40443

CLIENT:
COMMUNITY WITHIN THE CORRIDOR LIMITED
PARTNERSHIP

| REVISIONS | DATE | DESCRIPTION |
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| DRAWN BY AMZ | DATE 05/26/2021 |
| CHECKED BY KVH | DATE 05/26/2021 |
| SHEET TITLE LAYOUT VS VRSL EXCEEDANCE PLUMES FOR VOCs | |

FIGURE 11

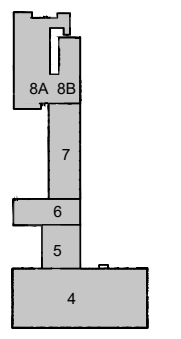


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CONSULTANT

CONSULTANT

PROJECT TITLE: COMMUNITY WITHIN THE CORRIDOR - WEST BLOCK
MILWAUKEE, WI
PROJECT NUMBER: 40443

CLIENT:
COMMUNITY WITHIN THE CORRIDOR LIMITED
PARTNERSHIP

| REVISIONS | DATE | DESCRIPTION |
|-----------|------|-------------|
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DRAWN BY: AMZ DATE: 05/26/2021
CHECKED BY: KVH DATE: 05/26/2021
SHEET TITLE: PROPOSED VAPOR MITIGATION DESIGN LAYOUT

FIGURE 10