

Champaign County is inviting you to a scheduled Zoom meeting.

Topic: Facilities

Time: Aug 4, 2020 06:30 PM Central Time (US and Canada)

Join Zoom Meeting

<https://us02web.zoom.us/j/88537086225>

Meeting ID: 885 3708 6225

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Zoom meeting procedure notes:

- *Join the meeting using your first and last name, it will make it easier for the Committee Chair to recognize you.
- * All attendees are muted by default, unmute only when you need to speak. If using computer audio you can unmute yourself by holding the spacebar down while you are speaking.
- * Reduce noise interference by using a headset/headphones with microphone
- * Attendees do not need to use personal video/webcam as long as you can view the video feed and participate with your audio connection
- * Consider turning off your webcam if your connection is slow
- * Roll call - unmute to respond to the roll call with "here" or "present"
- * To make a motion - unmute and say your full name when making a motion
- * Show of hands votes – within Zoom click on the Participants icon on the bottom of the screen, at the bottom of the window that pops up on the right side of the screen click the button labeled “Raise Hand.” After the clerk counts the votes the Meeting Moderator will lower all hands.
- * Public Participation will occur as indicated in the meeting agenda. Members of the public who wish to speak must be on the Zoom conference bridge. To speak during Public Participation use the “raise hand” feature in the Participants section of the Zoom conference or indicate your wish to speak in the Group Chat box.
- *Once the business section of the meeting begins the Zoom conference bridge will be limited to Board Members and Staff. Members of the public will be removed from the Zoom conference bridge.
- * Board Members and Staff may also use the group chat box to add information.



**CHAMPAIGN COUNTY BOARD
FACILITIES COMMITTEE AGENDA
County of Champaign, Urbana, Illinois**

Tuesday, August 4, 2020 at 6:30 via ZOOM
Lyle Shields Meeting Room
Brookens Administrative Center
1776 E. Washington St., Urbana, IL 61802

Committee Members:

Stan Harper – Chair	Leah Taylor
Steve Summers – Vice Chair	James Tinsley
Mike Ingram	Jodi Wolken
Jon Rector	Charles Young

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I. Call to Order and Roll Call	
II. Approval of Agenda/Addenda	
III. Approval of Minutes – June 2, 2020	3-5
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• Being accepted remotely through zoom – for instructions go to: https://us02web.zoom.us/j/88537086225	
V. Communications	
VI. New Business	
A. Final update on ITB#2020-001 METCAD HVAC Replacement Project	
B. Update on ITB #2020 002 Courthouse & JDC Video Security Replacement Project	6-8
C. Update on July 11, 2020 Hailstorm damage to County Buildings and HVAC equipment	9-50
D. Update on security glass/screens for County Buildings (attached)	51
E. Update on Covid-19 Sanitization Efforts in County Buildings	52-57
F. Discussion of Hosting Urbana Honor Roll World War II Plaque (photo attached)	58
VII. Other Business	

- VIII. Presiding Officer's Report
 - A. Future Meeting – Tuesday, September 8, 2020
@ 6:30pm

- IX. Designation of Items to be Placed on the Consent Agenda

- X. Adjournment

All meetings are at Brookens Administrative Center – 1776 E Washington Street in Urbana – unless otherwise noted. To enter Brookens after 4:30 p.m., enter at the north (rear) entrance located off Lierman Avenue.

Champaign County will generally, upon request, provide appropriate aids and services leading to effective communication for qualified persons with disabilities. Please contact Administrative Services, 217-384-3776, as soon as possible but no later than 48 hours before the scheduled meeting.



1 **CHAMPAIGN COUNTY BOARD**
2 **FACILITIES COMMITTEE AGENDA**
3 **County of Champaign, Urbana, Illinois**

6 **MINUTES – Subject to Review and Approval**

7 **DATE:** Tuesday June 2, 2020
8 **TIME:** 6:31 p.m.
9 **PLACE:** Lyle Shields Meeting Room
10 Brookens Administrative Center, 1776 E. Washington St., Urbana IL 61802
11 (ZOOM Meeting)

12 **Committee Members**

13 Present: Steve Summers, Jon Rector, Charles Young, Jodi Wolken, Mike Ingram, James Tinsley
14 Absent: Stan Harper

15 **County Staff:** Dana Brenner (Facilities Director), Dan Busey (Recording Clerk)

16 **Others Present:** Sherriff Heuerman, County Executive Kloepfel

17
18 **Minutes**

19 **I. Call to Order and Roll Call**

20 Vice Committee Chair Steve Summers called the meeting to order at 6:31 pm.

21
22 **II. Approval of Agenda/Addenda**

23 **Moved** by Mr. Rector to approve the agenda; seconded by Ms. Wolken. Upon Vote, the
24 **Motion Carried Unanimously.**

25
26 **III. Approval of Minutes – May 5, 2020**

27 **MOVED** by Mr. Ingram to approve the minutes; seconded by Mr. Rector. Upon vote, the **Motion**
28 **Carried Unanimously.**

29 **IV. Public Participation**

30 There was no participation by the public.

31
32 **V. Communications**

33 There were no communications from the Committee Members.

34
35 **VI. New Business**

36 A. Discussion on the Closure of the Downtown Sheriff's Office and Jail

37 Sheriff Heuerman spoke to the fact that the problems with the Downtown Jail still
38 remain as a solution was not met. The Sheriff has been working with the Facilities
39 Director on alternatives and a cost benefit analysis of possible options. Discussion of
40 housing inmates out of county with the added complications of COVID 19 ensued. Mr.
41 Brenner, Facilities Director, referenced two documents included in Committee
42 Member's packets. First being a nine year old Engineering Report of the Sheriff's
43 Office and the Downtown Jail by GHR Engineering. The report included, history,

44 changes to the building, and issues with the facility. Mr. Brenner went on to speak
45 about the current issues with the building that still remain today. Mr. Brenner gave a
46 rough estimate of what the issues would cost to repair the existing structure. The
47 second document gave four decision points on how to move forward with the closure
48 of the jail to which MR. Brenner spoke to. Discussion of rental space was touched on
49 for the Sheriff's Offices specifically along with certain mandatory features that would
50 need to be built. Mr. Brenner said that long term staying in the current facility is not
51 feasible. Mr. Summers, Vice Chair, asked the Committee for input for moving forward
52 based on the current revenue restraints and also spoke about variables that may
53 affect the prison population.

54 B. Update on ITB#2020-001 METCAD HVAC Replacement Project

55 Mr. Brenner delivered an update on the METCAD HVAC Replacement Project.
56 Included in the Committee Members packets: Meeting Minutes from the construction
57 management meeting and project pictures. Mr. Brenner stated that work is about
58 seventy percent completed. Alpha controls still needs to come in and do their
59 temperature control work, which is expected to be done by the end of the week. Mr.
60 Brenner stated that the even though it is a difficult project, being that it is a twenty
61 four hour facility, United Mechanical was a delight to work with.

62 C. Update on ITB #2020 002 Courthouse & JDC Video Security Replacement Project

63 Mr. Brenner gave an update on the Courthouse & JDC Video Security Replacement
64 Project. At the Courthouse most of the wiring is in place and the cameras arrived last
65 week along with other equipment. Over the next two weeks cameras will be placed
66 in Courtrooms before Court cases resume. JDC is still on hold and work will begin
67 within the month. A preconstruction meeting Keith Willis, Juvenile Detention Center
68 Superintendent, and Johnson Controls has been scheduled. In said meeting there will
69 be a discussion of ground rules like wearing masks and taking temperatures as JDC is
70 COVID free.

71 D. Update on 5-year Elevator Contract for Service

72 Mr. Brenner gave an update on the 5-year Elevator Contract for Service. The
73 Committee Members were provided an expense report for 2019 of KONE the current
74 providers, along with State required inspections. Mr. Brenner sought out a more
75 reliable provider, one that could arrive within twenty four hours of a service call. A
76 service that is particularly important for the public and judicial elevators at the
77 Courthouse. Mr. Brenner talked with three separate companies: KONE,
78 Theyssenkrupp, and Otis. Mr. Brenner provided Committee Members with a pricing
79 information breakdown. Otis Elevator out of Peoria, with a technician in Champaign,
80 offered the lowest price at \$27,150. Mr. Brenner stated he felt good about the quality
81 of all three companies which lead him to make a price driven decision. Mr. Summers
82 inquired if this was an issue that needed to bring to the full board, since it was under
83 thirty thousand it is not required. Mr. Ingram asked about a specific judicial elevator
84 that needed some work that effected the pricing breakdown. Mr. Brenner replied that
85 KONE was responsible for this work before their contract was up. If the work did not
86 meet Theyssenkrupp's specs it would have effected their pricing if chosen. Ms. Taylor
87 asked about the Elevator at ILEAS that has been dormant for five years. Mr. Brenner

88 explained that this has not been worked on or used due to the state of the building.
89 Champaign County Facilities have 12 elevators and one dumbwaiter.
90
91

- 92 E. Update on security glass and screens for countertops in County Buildings
93 Mr. Brenner gave an update on the security glass and screens for countertops in
94 County Buildings required due to COVID 19. Two buildings, Brookens and the
95 Courthouse, are being worked on. Mr. Brenner met with two glass companies and
96 went with Bacon & VanBuskirk to provide the service. Glass partitions are being
97 placed where employees have interaction with the public as well as in Courtrooms. The
98 glass is tempered safety glass that provides safety from spreading sickness as well as
99 security in general. All work should be done by the middle of June at the latest. Mr.
100 Rector asked if the demand on the glass companies with the current state of affairs
101 would delay the work. Mr. Brenner said that all glass companies are busy but it should
102 not interfere with this process.
103

104 VII. Other Business

105 Mr. Tinsley asked Mr. Brenner if there were any reports of property damage to any
106 Champaign County Facilities in the past week. Mr. Brenner stated that there had not
107 been.
108

109 VIII. Presiding Officer's Report

110 A. Future Meeting – Tuesday, August 4, 2020 @ 6:30pm
111

- 112 IX. Designation of Items to be Placed on the Consent Agenda
113 None.
114

115 X. Adjournment

116 The meeting adjourned at 7:05 pm.
117

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119 Brookens after 4:30 p.m., enter at the north (rear) entrance located off Lierman Avenue.

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121 qualified persons with disabilities. Please contact Administrative Services, 217-384-3776, as soon as possible but no later than
122 48 hours before the scheduled meeting.

GHR Engineers and Associates, Inc.

Mechanical and Electrical Consulting Engineers

Meeting Notes

July 29, 2020

7257

Project Name: Security Camera and Master Control Systems Upgrade
Champaign County Courthouse / Juvenile Detention Center

Meeting Date: July 28, 2020

Meeting Time: 2:00 pm

Meeting Location: Web Meeting

Purpose of Meeting: Weekly Construction Meeting.

In attendance:

Dana Brenner	Champaign County - Facility Director
Mike Matkowich	Johnson Controls
Zack Roethlisberger	Johnson Controls
Randy Justin	Johnson Controls
Matt Snyder	Johnson Controls
Lucas McGill	GHR

Topics discussed

Action by

1. Card reader wiring issues:
 - a. JCI has procured pricing for new readers from LVS. JCI will procure another contractor for additional pricing.
 - b. The existing readers cannot be integrated into the new OSSI system.
 - c. JCI doesn't feel comfortable with installing a system that doesn't meet manufacturer recommendations.
2. Switch Issue
 - a. The five switches are full. Will need additional switch.
3. Timeline Options
 - a. Path A - Phased Switch Over - This option would include no shut down for the facility, would require the owner to operate two systems simultaneously, but would presumably take longer (because it would need to be phased and coordinated with the Owner).

- b. Path B - Install new video surveillance equipment on new rack in control room. This option would include a full facility shutdown for some unknown number of days.
 - c. Path C - Install all new equipment in existing network racks. This option would include a full facility shutdown for some unknown number of days.
 - d. JCI to weigh in on timeframes by August 4, 2020.
4. Progress
- a. All switches have been wired.
 - b. Client stations and monitors are set-up in control room.
 - c. About 110 cameras have been named - Michelle is happy with progress. Will still need to position all cameras with Michelle's oversight.
 - d. Michelle has given LVS permission to swap some cameras one-for-one.
 - e. For OSSI to get going:
 - i. We'll need to answer the proxy reader wiring question.
 - ii. JCI to map-out the existing system.
5. Next Week
- a. Continue wiring switches.
 - b. Coring and boring for front entry cameras.
 - c. Eight exterior cameras: one-for-one swaps.
6. Pay Application
- a. Need to provide lien waivers and certified payroll.
7. Will existing scanners work with existing proxy cards / fobs?
- a. Existing system works along with their Kronos system.
 - b. Should set up meeting with County IT.

Please review these notes and notify the author within seven days of any additions and/or corrections.

Meeting notes prepared by:

Lucas McGill

LEM/smh

cc: 7257 Meeting Notes
All in Attendance

2020.07.28 Meeting Notes.LEM.wpd

7321 Champaign County
Administrative Services - Hail
Damage Draft

7.30.2020

Location of Equipment

- Brookens POD 100



Location of Equipment

- Brookens POD 200



Location of Equipment

- Brookens POD 300



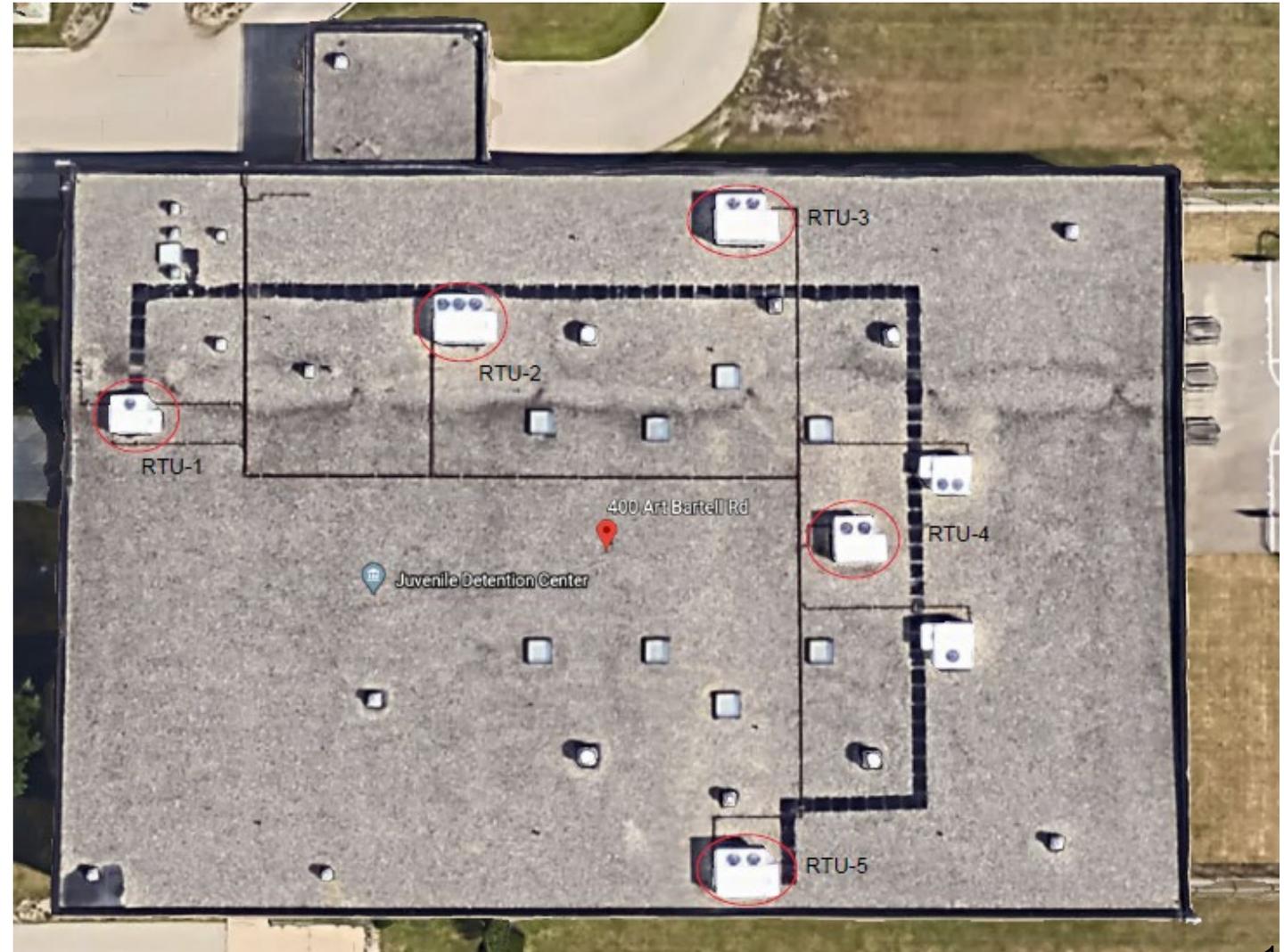
Location of Equipment

- Brookens POD 400



Location of Equipment

- JDC Roof



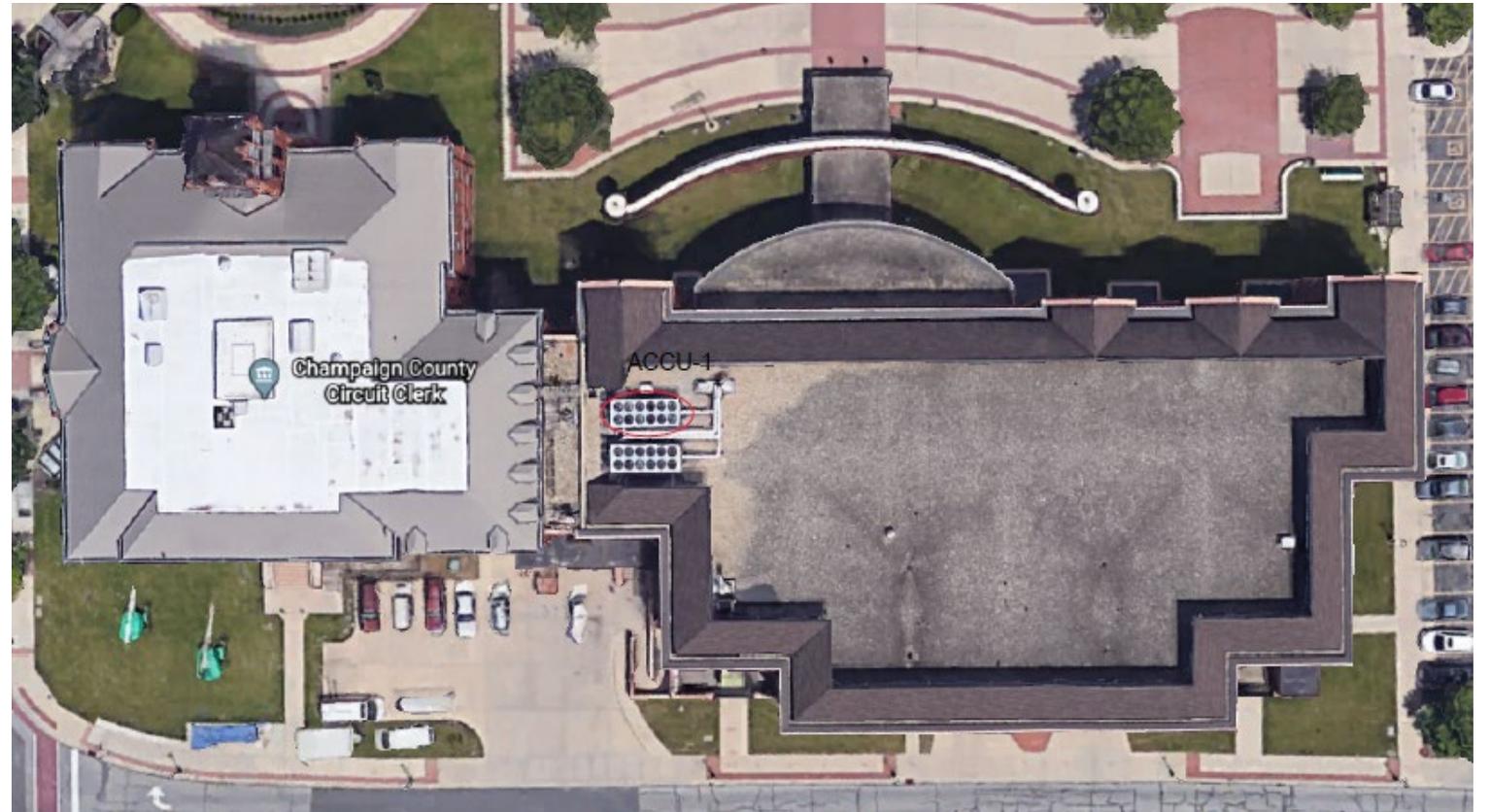
Location of Equipment

- Satellite Jail Roof



Location of Equipment

- Champaign County Courthouse



Location of Equipment

- METCAD



Section of Building	Type of Unit	Manufacturer	Model	Serial Number
Brookens POD 100	AHU-1	Trane	YCD150A3H0AA	E291442070
Brookens POD 100	AHU-2	Trane	YCD120A3L0AA	E3014277D
Brookens POD 100	AHU-3	Trane	YCD048A3L0AB	E41143951D
Brookens POD 100	AHU-4	Trane	YCO060A3L0AB	E41144029D
Brookens POD 100	AHU-5	Lennox	GCS20V-413-75-1Y	5696D00393
Brookens POD 100	AHU-6	Lennox	GCS20V-513-125-1Y	5694K03939
Brookens POD 100	AHU-7	Lennox	GCS20V-513-123-1Y	5694K03941
Brookens POD 100	AHU-9	Lennox	GCS24-953-200-1Y	5696D00351
Brookens POD 100	AHU-10	Lennox	GCS20V-413-75-1Y	5696D00394
Brookens POD 200	Mental Health Condenser	York	H5CE090A25A	(S)NALM008203
Brookens Ground Level	ACCU-1 - Services POD 200	Carrier	30RAP0905JB00110	2914Q80994
Brookens Ground Level	ACCU-2 - Services POD 300	Carrier	30RAP1005JB000110	2914Q80985
Brookens POD 300	Lyle Shields Unit	Trane	YCH120B3H0AA	F461429430
Brookens POD 400	RTU-1	Carrier	48TFF006---501EF	3801G22299
Brookens POD 400	RTU-2	Carrier	48TFF006---501EF	3801G22298
Brookens POD 400	RTU-3	Carrier	48TJE007-M-521--	0800G21217
Brookens POD 400	RTU-4	Carrier	48TCE14A2A5A0A0G0	2819P34542
Brookens POD 400	RTU-5	Carrier	48TJE007-M-521--	0800G21216
Brookens POD 400	RTU-6	Carrier	48TJE007-M-521--	0800G21215
JDC Roof	RTU-1	AAON	25893, RK-04-2-F0-322: KFCUVA00H00H0X	99LKGC471
JDC Roof	RTU-2	AAON	25894, RK-25-2-E0-337: KFCUVA00H00H0X	99LKG304
JDC Roof	RTU-3	AAON	25895, RK-15-2-E0-327: KFCUVA00H00H0X	99LKL500
JDC Roof	RTU-4	AAON	25896, RK-16-2-F0-337: KFCUVA00H00H0X	99LKG241
JDC Roof	RTU-5	AAON	25896, RK-16-2-F0-337: KFCUVA00H00H0X	99LKG240
Satellite Roof	ACCU-1	Carrier	38AH-074---600	2096F07604
Satellite Roof	ACCU-2	Carrier	38AH-074---600	2096F07582
Satellite Roof	ACCU-3	Carrier	38AH-074---600	1996F06210
Satellite Roof	ACCU-4	Carrier	38AH-064---600	1896F04500
Satellite Roof	ACCU-5	Data Aire	DRCU 0332	96-0373-A
Courthouse Roof - North Side	ACCU-1	Carrier	RTAC 2004 UAON NAFN N1NY 1DDN RAON N1ON NOEX N	U01000135
METCAD Roof	ACCU-1	Trane	TUMYH0481AK40NA	99U0005877SP67
METCAD Roof	ACCU-2	Vertiv	PFD067A-YH1	Y20BG1A092

Damaged Equipment Information

Photos of Damage

Brookens POD 100

- AHU-1



Photos of Damage

Brookens POD 100

- AHU-2



Photos of Damage

Brookens POD 100

- AHU-3



Photos of Damage

Brookens POD 100

- AHU-4



Photos of Damage

Brookens POD 100

- AHU-5



Photos of Damage

Brookens POD 100

- AHU-6



Photos of Damage

Brookens POD 100

- AHU-7



Photos of Damage

Brookens POD 100

- AHU-9



Photos of Damage

Brookens POD 100

- AHU-10



Photos of Damage

Brookens POD 200

- Mental Health Condenser



Photos of Damage

Brookens Ground Level

- ACCU-1



Photos of Damage

Brookens Ground Level

- ACCU-2



Photos of Damage

Brookens POD 300

- Lyle Shields Unit



Photos of Damage

Brookens POD 400

- RTU-1



Photos of Damage

Brookens POD 400

- RTU-2



Photos of Damage

Brookens POD 400

- RTU-3



Photos of Damage

Brookens POD 400

- RTU-4



Photos of Damage

Brookens POD 400

- RTU-5



Photos of Damage

Brookens POD 400

- RTU-6



Photos of Damage

JDC Roof

- RTU-1



Photos of Damage

JDC Roof

- RTU-2



Photos of Damage

JDC Roof

- RTU-3



Photos of Damage

JDC Roof

- RTU-4



Photos of Damage

JDC Roof

- RTU-5



Photos of Damage

Satellite Roof

- ACCU-1



Photos of Damage

Satellite Roof

- ACCU-2



Photos of Damage

Satellite Roof

- ACCU-3



Photos of Damage

Satellite Roof

- ACCU-4



Photos of Damage

Satellite Roof

- ACCU-5



Photos of Damage

Courthouse Roof – North Side

- ACCU-1



Photos of Damage

METCAD Roof
- Trane ACCU



Photos of Damage

METCAD Roof
- Vertiv ACCU



Courthouse and Brookens Security Glass, Sneeze-Cough Guards

FY2020

Bacon & Van Buskirk

Circuit Clerk Front Counters	3/8" Tempered	\$	7,930.00
State Attorney's Information Counter	3/8" Tempered	\$	1,205.00
Public Defender's Information Counter	3/8" Tempered	\$	4,890.00
Planning & Zoning Counter	3/8" Tempered	\$	2,790.00
Accessor's Office Counter	3/8" Tempered	\$	2,925.00
Treasurer's Office Counters	3/8" Tempered	\$	4,640.00
Probation Information Counter	3/8" Tempered	\$	1,920.00
Courthouse Security Main Entrance	3/8" Tempered	\$	2,750.00
Courtrooms - All Eleven	Plexiglass	\$	4,550.00
County Clerk's Office	3/8" Tempered	\$	5,420.00
Animal Control	3/8" Tempered	\$	540.00
County Clerk's Office - 11 Desks Separation	1/4" Tempered	\$	3,240.00
County Recorder's Office - 1 Desk Separation	1/4 Plexiglass	\$	595.00
County Clerk's Office Window Speakers	Speakers	\$	9,200.00
Circuit Clerk's Office Counter Extension	?		?
			<hr/>
	TOTAL	\$	52,595.00

Completed Projects



CANBERRA CORPORATION SAFETY DATA SHEET

1. Identification

Product Identifier: HUSKY 892 ARENA PLUS DISINFECTANT

Application or recommended use: Concentrated hard surface disinfectant cleaner

Restrictions on use: Do not use in any fashion not specified on the product label.

Manufacturer / supplier: Canberra Corporation

3610 N. Holland-Sylvania Rd.

Toledo, Ohio 43615 USA

Telephone: 419-841-6616 **Emergency phone:** 800-832-8992 **National Poison Center:** 800-222-1222

2. Hazards Identification

GHS Classification: Classification of this mixture in accordance with paragraph (d) of §1910.1200.

Skin Corrosion/Irritation - Category 1B

Eye Damage/Irritation - Category 1

Acute toxicity (Inhalation) - Category 2

Acute toxicity (Dermal) - Category 3

Acute toxicity (Oral) - Category 4

Label Elements:



Symbol:

Signal word: DANGER

Hazard statements: Causes severe skin burns and serious eye damage. Fatal if inhaled. Harmful if swallowed.

Precautionary statements: Wash hands, face and any skin contact thoroughly after handling.

Do not eat, drink or smoke when using this product.

Wear protective gloves/protective clothing/eye protection/face protection.

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Call a POISON CENTER/doctor if you feel unwell.

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse.

IF INHALED: Remove person to fresh air and keep comfortable for breathing. **Immediately call a POISON CENTER or doctor/physician.**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Immediately call a POISON CENTER or doctor/physician.

See 4. First-Aid Measures for specific treatment.

Store locked up. Dispose of contents/container to an approved disposal facility.

Other Hazards: The following of the mixture consists of ingredient(s) with unknown acute toxicity: 18.5%

3. Composition / Information on Ingredients

Chemical characterization: Concentrated mixture of water, detergents, germicides and auxiliary agents.

Hazardous ingredients: The exact percentage of composition has been withheld as a trade secret.

10 - 15% Dimethyldioctylammonium chloride CAS 5538-94-3, EINECS/ELINCS 226-901-0

10 - 15% Alkyl dimethylbenzyl ammonium chlorides CAS 68391-01-5, EINECS/ELINCS 264-151-6

10 - 15% Coco alkyltriethyl ammonium chlorides CAS 61789-18-2, EINECS/ELINCS 263-038-9

1 - 5% Tetrasodium EDTA CAS 64-02-8, EINECS/ELINCS 200-573-9

0 - 1% Edetic acid CAS 60-00-4, EINECS/ELINCS 200-449-4

Other ingredients (> 1%):

> 50% Water CAS 7732-18-5, EINECS/ELINCS 215-185-5

4. First-Aid Measures

Symptoms: Burning or irritation of affected areas. Causes severe skin burns and serious eye damage. Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

Inhalation: Move person to fresh air. If breathing is irregular or stopped, administer artificial respiration. Give oxygen. First aider needs to protect themselves. Call a physician immediately.

Skin (Hair) Contact: Remove contaminated clothing and wash before reuse. After contact with skin, wash immediately with plenty of soap and water. Call a physician immediately.

4. First-Aid Measures (cont.)

Eye Contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Call a physician immediately.

Ingestion: Call a physician immediately. Clean mouth with water and drink afterwards plenty of water. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person.

Note to Physician: Treat exposed patients symptomatically.

5. Fire-Fighting Measures

Suitable Extinguishing Media: Water spray. Dry powder. Foam.

Specific hazards in case of fire: Heating or fire can release toxic gas.

Further information: Use water spray to cool unopened containers.

Special Fire Fighting Precautions: Fire fighters should wear appropriate protective equipment, including self-contained breathing apparatus and impervious clothing.

6. Accidental Release Measures

Emergency Procedures: Depending on the extent of release, consider the need for restriction of access to spill area.

Personal Precautions: Use respirator when performing operations involving potential exposure to vapor of the product. Do not eat, drink or smoke during clean up. Wear protective clothing, eye protection and impervious gloves (e.g. neoprene). Wash thoroughly after clean up.

Environmental Precautions: Prevent spills from entering storm sewers/drains or contact with soil.

Clean up Methods: Contain spill with inert material (sand, clay). Transfer material to labeled containers for recovery or proper disposal. Follow good industrial hygiene practices.

7. Handling and Storage

Precautions for Safe Handling: Read label before use. Avoid contact with skin or eyes. Provide sufficient air exchange and/or exhaust in work rooms. Do not breathe mist/vapors. Wash hands, face and any skin contact thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves, protective clothing, eye protection, face protection. Use product only according to label directions. If unsure about safe use, contact your supervisor.

Conditions for Safe Storage: Keep out of reach of children. Do not contaminate water, food or feed by storage and disposal. Store locked up in tightly closed, original container in a cool (10° - 30°C), dry area.

Incompatibility: No data available.

8. Exposure Controls / Personal Protection

Components with occupational exposure limits: None

Engineering Controls: Proper ventilation in accordance with good industrial hygiene should be provided.

Personal Protective Equipment

Respiratory: In case of vapor formation use a respirator with an approved filter.

Gloves: Use water impervious gloves (latex or neoprene rubber). No breakthrough time has been established.

Eye Protection: Chemical resistant goggles or face protection.

Other: Protective clothing (long sleeves, pants), eyewash, safety shower are always advisable when working with chemicals.

9. Physical and Chemical Properties

Physical State -	Liquid	Auto-ignition temperature -	Not applicable
Color -	Light Green	Flash Point -	> 200°F (ASTM D3278)
Odor -	Citrus	Flammability -	Not applicable
Odor Threshold -	No data available	Flammability Limits -	Not applicable
Boiling Point -	No data available	Partition coefficient -	No data available
Decomposition temperature -	No data available	Solubility (Water) -	No data available
Freezing Point -	No data available	Vapor Density -	No data available
pH (Conc.) -	7.0 - 8.5	Vapor Pressure -	No data available
pH (RTU) -	7.0 - 8.0	Viscosity -	Less viscous than water
Relative Density -	0.992	% VOC -	<1 (Excluding exempt material)
Evaporation Rate -	No data available		

10. Stability and Reactivity

Reactivity: No specific reactivity test data is available for this mixture. Under normal conditions of storage and use, hazardous reactions are not expected. **Incompatible materials:** No data available.

Chemical stability: This product is stable at ambient temperatures and pressures.

Conditions to avoid: Temperatures above 50°C or below 10°C.

Hazardous decomposition products: Nitrogen oxides, carbon oxides.

11. Toxicological Information

Acute Toxicity: Toxicity data is not available for this mixture. Data below are estimates based on summation methods.

Test	Results	Classification (A.0.4.1(c))	Basis (A.1.3.6.1)
Oral	1140 mg/kg	Category 4	Ingredient literature (Additive formula)
Dermal	> 250mg/kg	Category 3	Ingredient literature (Additive formula)
Inhalation	> 40 mg/L	Category 2	Ingredient literature (Additive formula)
Eye Damage/Irritation	Corrosion	Category 1	Ingredient literature
Skin Damage/Irritation	Corrosion	Category 1C	Ingredient literature

Summary: Skin and eye contact are most likely routes of exposure. Causes severe skin burns and serious eye damage.

Subchronic/Chronic Toxicity:

Test	Results	Classification	Basis
Skin Sensitization	Not a sensitizer	Not applicable	Ingredient literature.

Summary: Repeated or prolonged contact causes skin burns and eye damage.

Carcinogens - Ingredients are not listed on the NTP Report on Carcinogens, IARC Monographs or by OSHA

Other data - No other toxicological information is available for this mixture.

12. Ecological Information

The following percentage of the mixture consists of ingredient(s) with unknown hazards to the aquatic environment: 4%

Persistence and degradability: No data available.

Bio-accumulative potential: No data available.

Mobility: No data available.

13. Disposal Considerations

Do not contaminate water, food or feed by disposal. Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray, or mixture of rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label directions, contact your State Pesticide or Environmental Control Agency, or the hazardous waste representative at the nearest EPA Regional Office for guidance. **Container Disposal:** Non-refillable container. Do not reuse or refill this container. Offer for recycling if available. Triple rinse container promptly after emptying. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incinerate, or if allowed by state and local authorities, burn. If burned, stay out of smoke. If container is one gallon or less, wrap empty container in plastic bag and discard in trash.

14. Transport Information

Proper Shipping Name: UN1903 Disinfectants, liquid, corrosive, n.o.s., (Cocoalkyltrimethylammonium chloride)

RQ - Not Applicable

Shipping emergency phone: 800-424-9300

Transport hazard class: 8

Hazard Label: Corrosive (When shipped as a Limited Quantity, labeling is not required.)

Packing Group: II

Emergency Guide No.: 153

Marine Pollutant: No

15. Regulatory Information

Inventory status: All components are listed on TSCA(US), EINECS/ELINCS(EU), DSL(Canada), AICS(Australia).

FIFRA: This product is a U.S. EPA Registered pesticide, EPA Reg. No. 6836-365-8155, and is subject to certain labeling requirements under Federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide products. The hazard information required on the pesticide label is reproduced here. **DANGER:** Corrosive. Causes irreversible eye damage and skin burns. Do not get in eyes, on skin or on clothing. May be fatal if inhaled or absorbed through the skin. Harmful if swallowed. Wear goggles or face shield, rubber gloves, and protective clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet Remove contaminated clothing and wash before reuse.. The pesticide label also includes other important information, including directions for use.

OSHA Hazard Communication Standard: This product meets the §1910.1200 definition of a "Hazardous Chemical".

Superfund Amendments and Reauthorization Act of 1986 Title III (EPCRA) Sections 311 and 312

Immediate (Acute) Health Hazard	Yes	Delayed (Chronic) Health Hazard	No
Fire Hazard	No	Reactive Hazard	No
Sudden Release of Pressure Hazard	No		

Superfund Amendments and Reauthorization Act of 1986 Title III (EPCRA) Section 313

*Chemicals marked with an asterisk in "**3. Composition/Information on Ingredients**" are subject to reporting requirements for Section 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40CFR Part 372.

Pennsylvania/New Jersey/Massachusetts Right to Know

See "**3. Composition/Information on Ingredients**" for hazardous and top five ingredients over 1% (w/w).

California Proposition 65: This product does not contain a listed substance known to the State of California to cause cancer, birth defects or other reproductive harm, at levels which would require a warning under the statute.

16. Other information

Date issued: 01. 11. 2018

F892-001 Revision: N/A

Disclaimer: No representation or warranty, either expressed or implied, of merchantability, fitness for a particular purpose, or of any other nature, is made with respect to information concerning the product referred to in this document. The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, it is impossible to foresee every health effect or exposure risk incurred by the use of this product. All chemicals present some degree of hazard and should be used with caution. The information and recommendations contained herein are presented in good faith. The user should review this information in conjunction with their knowledge of the application intended to determine the suitability of this product for such purpose. In no event will the supplier be responsible for any damages of any nature whatsoever, resulting from the use, reliance upon, or the misuse of this information. Furthermore, it is the direct responsibility of the user to comply with all applicable regulations governing the use and disposal of this material. **Prepared by:** R&D, Canberra Corporation

Professional Cordless Electrostatic Handheld Sprayer



**Ideal for Disinfecting, Sanitizing, Odor Removal,
Decontamination, Pesticides/Fertilizing & More**

Better Visibility:
LED Head Light

Increased Durability:
Glass-Filled Housing

Ergonomic Handle
with Lock for
Comfort & Safety

Versatility:
Adjustable
3-In-1 Nozzle

Long-Lasting
Battery VP20
(4 Hr. Run Time)

Double Charge Technology
for Maximum Coverage

1-Liter Easy-Fill Tank



Soft-Sided Carry Bag

Professional Cordless Electrostatic Handheld Sprayer

Product Specifications

Model #	VP200ESK	Weight (Empty)	3.8 lbs.
Power	Cordless	Weight (Full)	5.9 lbs
Tank Size	33.8 ounces / 1 L	Optimum Spray Range	2-3 ft.

	<u>Nozzle Setting 1</u>	<u>Nozzle Setting 2</u>	<u>Nozzle Setting 3</u>
Nozzle Shape	Full Cone	Full Cone	120° Fan
Particle Size	40 microns	80 microns	110 microns
Flow Rate	3.1 ounce/min	3.8 ounce/min	10.5 ounce/min
Run Time per Tank	11.3 min	9.3 min	3.33 min
Coverage per Tank*	2,800 sq ft	2,550 sq ft	1,700 sq ft
Tanks per Charge	21.2	28.5	72.1

*Per internal testing determined by flow rate and particle size

Accessories



VP72 / VP74
Extension Wand
12" or 24"



VP30 33.8 oz.
Tank with Cap



VP49 Nozzle
Wrench



VP50 3-in-1
Nozzle



VP20B 16.8V
6800mAh Battery
(8hr. run time)



VP91 Carry Strap

Cool's Salutes Those Who Remember America

CASTOR, W. RALPH
 CAUSEY, DAVID FREDERIC
 CEDUSKY, JOHN E.
 CHAPMAN, C. A.
 CHARLES, ROY J.
 CHILDERS, RUSSELL D.
 CHILDERS, WILLIAM F.
 CHRISTIANS, WILLIAM P.
 CHRISTIANSEN, EARL R.
 CLARK, EARL W.
 CLARK, FOREST R.
 CLAWSON, KENNETH C.
 CLEAVE, FORREST L.
 CLEAVE, SCOTT W. JR.
 CLEGG, KENNETH
 CLEMENT, H. W.
 CLEMENT, J. W.
 CLEVINGER, WILBUR M.
 CLEVENSTON, HAROLD
 CLEVENSTON, CHARLES A.
 CLINARD, CHARLES A.
 CLINARD, EVERETT L.
 CLINARD, THEODORE C.
 COBB, JOHN E.
 COBB, TRONAC C.
 COBLE, JAYCE A.
 COBLE, ROBERT W.
 COCHRAN, RAYMOND A.
 COCHRAN, C. LEON A.

DENHART, WILLIAM B. JR.
 DEPUY, FRANKLIN A.
 DESHAYES, JOSEPH R.
 DERROUGH, PHILIP
 DERROUGH, ROGER P.
 DEXTER, ROBERT V.
 DICKEY, ROBERT I.
 DIETZ, ROBERT S.
 DALLEY, COLLINS
 DALLEY, FRANCIS E.
 DIXON, CARL A.
 DIXON, DALE V.
 DIXON, DON W.
 DOLCH, CATHERINE
 DOLCH, E. W.
 DOLPH, HARRY B.
 DOLPH, POLLA E.
 DOLPH, J. P.
 DOWNS, H. BURTON
 DORSEY, JOHN W.
 DOWSE, GUY
 DOWSE, GUY
 DRAPER, ALBERT W.
 DRAPER, WALTER D.
 DRAPER, WALTER D.

FLEWELLING, CHARLES
 FLEWELLING, MAX
 FLEWELLING, BOB
 FLICK, RICHARDE
 FOLTS, RUDOLF H.
 FOLTZ, DELBERT JR.
 FOWLER, JOHN H.
 FRAME, ROBERT W.
 FRANCISCO, CHARLES J.
 FRANK, NEAL H.
 FRANKLIN, JOHN L.
 FRANKLIN, LEONARD M.
 FRANKLIN, DALE N.
 FRANKLIN, ROSCOE
 FRENCH, HERBERT O.
 FRANKLIN, HAROLD
 FRANKLIN, WALTER
 FRANKLIN, THEODORE A.
 FRANKLIN, W. ALBERT
 FRANKLIN, W. ALBERT

GREEN, JAMES
 GREEN, JAMES

URBANA HONOR ROLL
 WORLD WAR II