

**LANE COBURN & ASSOCIATES, LLC - CLIENT/PROJECT PROFILE**

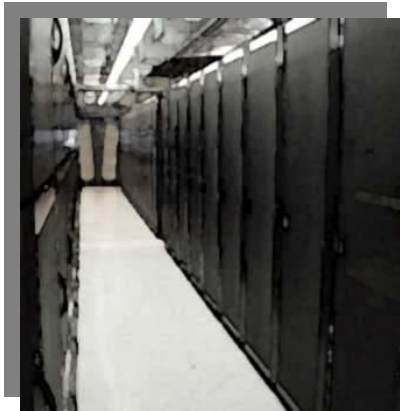
**SUMMARY OF CLIENTS:**

ADD2NET	Cohen & Richardson	HELIX Design Group	Davita
AECOM	CB Richard Ellis	EPI Engineering	Meagher & Geer, PLLP
AHCS	CH2MHILL	JTM Construction	SASCO
Archer Western Contractors	City of Bellevue	Lighthouse Electric Group	Sequoyah Electric
Allied Electric	Coinstar	LST Consulting Engineers	Sigma-Six Inc.
AlfaTech	Colocenters	McKinstry	Silent-Air
AMAZON	CPSI	Microsoft	Turner Construction
AVDATA Inc	Dynalectric/Emcore	Northcom	TMOBILE
Berger/ABAM	EHS Electric	Prime Electric	Wave BroadBand
Bovis Lend Lease	ELCON	Red Sea Group	W.E. Bowers
Benaroya Properties	Greenfield LLC	Rock Electric, Inc.	West Seattle Montessori
Blue Oak Energy	The Harris Group	Sabey Corporation	williams + tam
Callison Architects	IDC Architects	Sabey Data Center Properties	VECA Electric
Chatham LLC	Freeman-Fong Architects	Salish Construction	Savvis
Coleman Hull & van Vliet	Ellerbe Becket	Javez Construction	

**MISSION CRITICAL ENVIRONMENTS - SELECTED PROJECT PROFILES:**

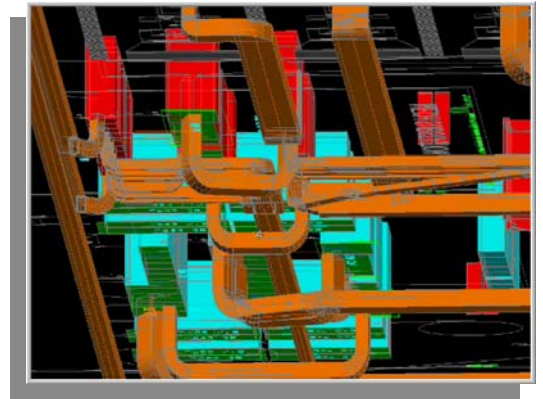
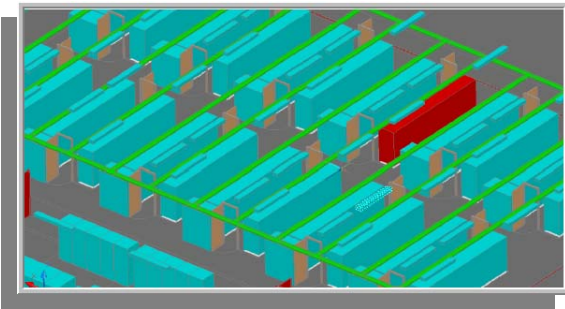
**VERY LARGE ONLINE RETAILER BASED IN SEATTLE, WA.  
(Owner Confidential)**

LCA is the Engineer of Record for a Large Data Center project in Oregon. This is a highly reliable and power dense data center. LCA is working closely with the Owner and Callison Architects. The design includes full planning, site selection coordination, Schematic Design through Construction Documents and Construction Administration.



Lane Coburn & Associates is participating in 3D and Building Information Modeling (BIM) for a large data center project. We are working with McKinstry, Rosendin, Callison, KPFF and Hoffman Construction on the 3D modeling / BIM collaboration.

The design and construction teams are utilizing NavisWorks for collision detection and conflict resolution. This upfront 3D coordination will save significant time and money during the construction process with a reduction in RFI's and construction conflicts.



## **South Hill Business & Technology Center**

**Feasibility Study - PUYALLUP, WA.**

Total of 710,654 S/F and 10 buildings on 92 acres. LCA provided a comprehensive analysis of the facilities electrical infrastructure and developing build out scenarios for a high end data center. We are working directly with Benaroy's Properties.

LCA is providing a comprehensive analysis of the existing lighting system, coordinating with PSE to maximize the available grants and incentives and providing a design for the new lighting system for 2 buildings. Total square footage is in excess of 350,000.



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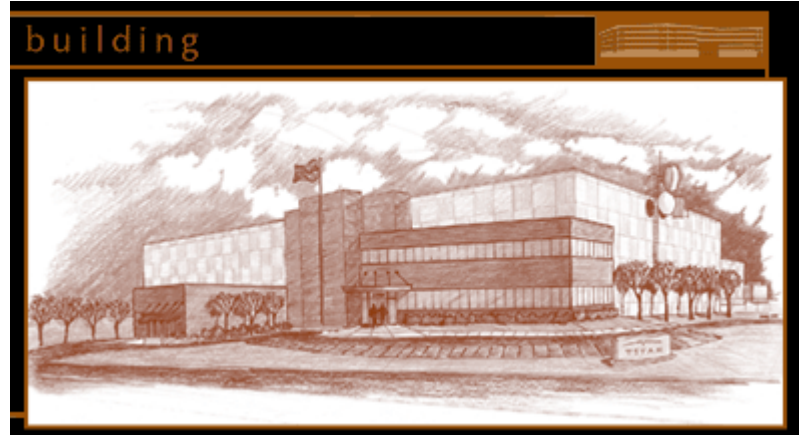
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# TITAN - Data Center Feasibility Study - Callison Architects

Ultra Secure Data Center Moses Lake, Wa.

Titan’s strategy is to take a significant step beyond the real estate "shell" market that has proliferated in the recent past. Titan is offering leased space in a 24x7 facility that provides all of the components necessary to operate an efficient, super secure data processing environment. These components include a building designed to withstand nuclear attack that is located outside of the seismically sensitive Puget Sound region in an area having a 500-year flood plain rating. The facility has over 100,000 SF of computer room and human services areas.



## (Owner Confidential) - Fisher Plaza Data Center - Seattle, Wa.

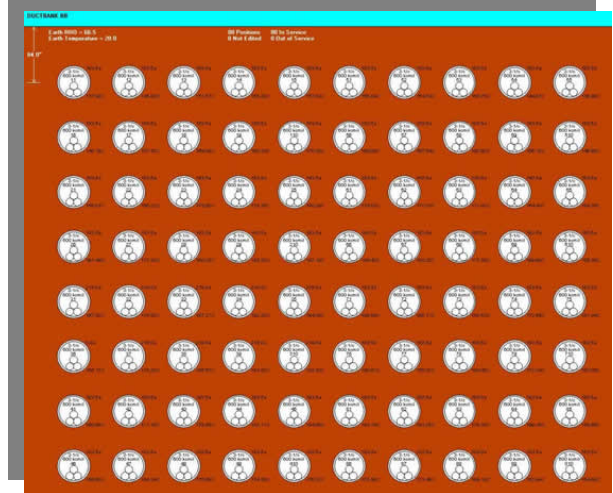
Lane Coburn & Associates, LLC provided peer review services on this large data center build out. LCA worked hand in hand with the owner, Gerber Engineering and Prime Electric.



## LARGE SOFTWARE DEVELOPER BASED IN REDMOND, WA. (Owner Confidential)

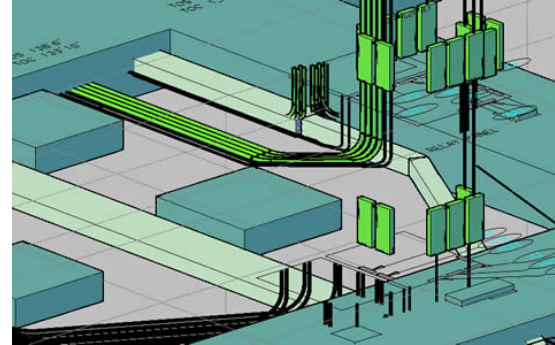
Lane Coburn & Associates, LLC provided peer review and extensive duct bank heating calculations for this large data center. Lane Coburn & Associates, LLC worked closely with data center owner, and contractor to determine the most effective design of the electrical distribution.

LCA has provided extensive Neher-Mcgrath heating calculations for several projects and is an expert in providing these analysis. For more info please see [www.neher-mcgrath.com](http://www.neher-mcgrath.com).





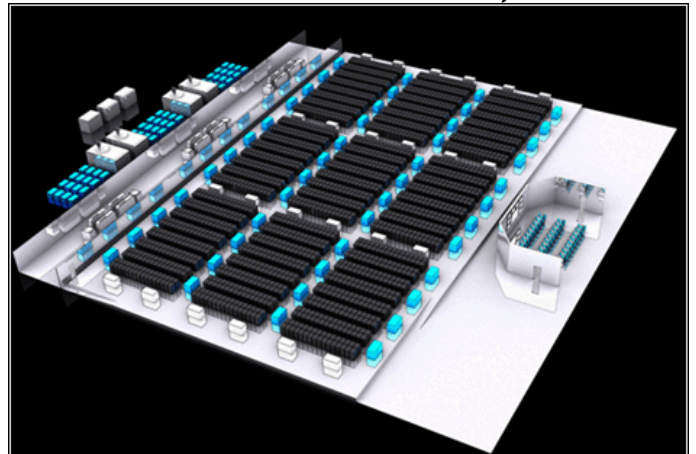
## Cottage Hospital - Santa Barbara, Ca.



Lane Coburn and Associates, LLC. provided extensive 3D modeling coordination and collision detection with Navis works for this very large hospital project in Santa Barbara California.

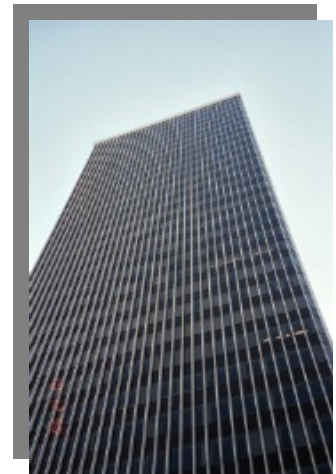
## LARGE CELL PHONE PROVIDER BASED IN BELLEVUE, WA.(Owner Confidential)

LCA is providing a Peer Review and a comprehensive analysis of the electrical infrastructure of a very large Tier 3 Data Center in the Bothell area. LCA reviewed the entire data center topology and gave extensive recommendation for the client to most effectively utilize the remaining electrical infrastructure.



## Westin Building - Data Centers - Seattle, Wa.

Lane Coburn & Associates, LLC was the engineer of record for several data center build outs in the Westin Building. The electrical design included coordination of the building infrastructure, UPS specification and design, DPD plan review coordination and over current protective device coordination studies.



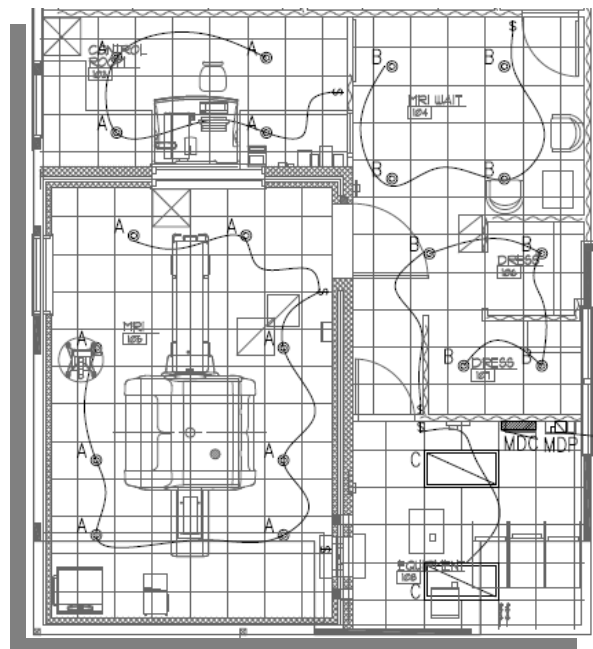
## Harborview Medical Center - TI's -325 Ninth Avenue / Seattle, WA NBBJ Architects

Lane Coburn and Associates, LLC. is working with Sequoyah Electric on the TI coordination effort at the Ninth and Jefferson Building. A 14-story, multi-purpose high-rise tower that will be home to Harborview Medical Center's expanded specialty services in neurosciences, orthopedics, spine center, sleep center, and global health. In addition, there will be four floors of underground parking and retail space at street level for patients, visitors, and the First Hill community.



## MRI Imaging Facility Kirkland, Wa.

LCA is the Engineer of Record for a new advanced imaging facility in Kirkland, Wa. This space will Feature the new GE "SIGNA 1.5T MR/i" units.





## Quincy Data Center - Quincy, Wa.

LCA provided engineering for the wastewater treatment facility and the security center at this large data center for a Confidential Client in Quincy Washington.

## VERY LARGE ONLINE RETAILER BASED IN SEATTLE, WA. (Owner Confidential) - Project Location - Phoenix Arizona

LCA is the Engineer of Record for a Data Center project in Phoenix Arizona. This is a highly reliable and power dense data center. LCA is working closely with the Owner to provide a quick turnaround for both design and construction administration.

## Harborview Medical Center - TI's -325 Ninth Avenue / Seattle, WA LEED Consultant - NBBJ Architects



Lane Coburn and Associates, LLC. is working with Sequoyah Electric as a LEED Consultant. LCA has a significant amount of LEED project experience and (2) LEED Accredited Professionals. We are coordinating several LEED points including; the lighting efficiency, energy star appliances, light pollution reduction, Green Power, controllability of systems and LEED Accredited Professional



## MSFT - Building 38 - 3D CAD Coordination

Redmond, WA.

Lane Coburn & Associates, LLC is in the process of providing comprehensive 3D modeling for the MSFT Building 38 on Campus. We are working for SASCO.



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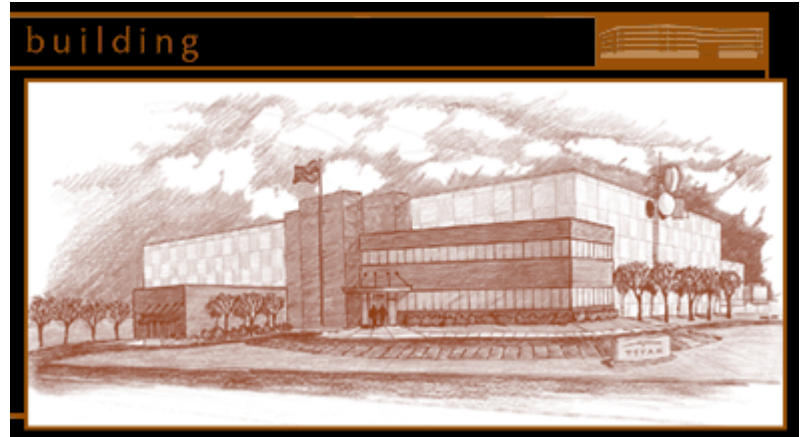
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# TITAN II – Data Center – Callison Architects

Ultra Secure Data Center Moses Lake, Wa.

LCA is providing a comprehensive set of Design Development documents for a very large data center build out at the TiTAN data center facility. We are working closely with Callison Architects and the Red Sea Group to create conceptual electrical distribution system plans, equipment layout and basis of design documents.



# (Owner Confidential) – Large Data Center

Manassas, VA

Lane Coburn & Associates is working directly with the Owner on developing a large data center. We are working with the owner to look at various electrical distribution systems to provide the lowest PUE and efficiency as well as minimizing sustainable costs.



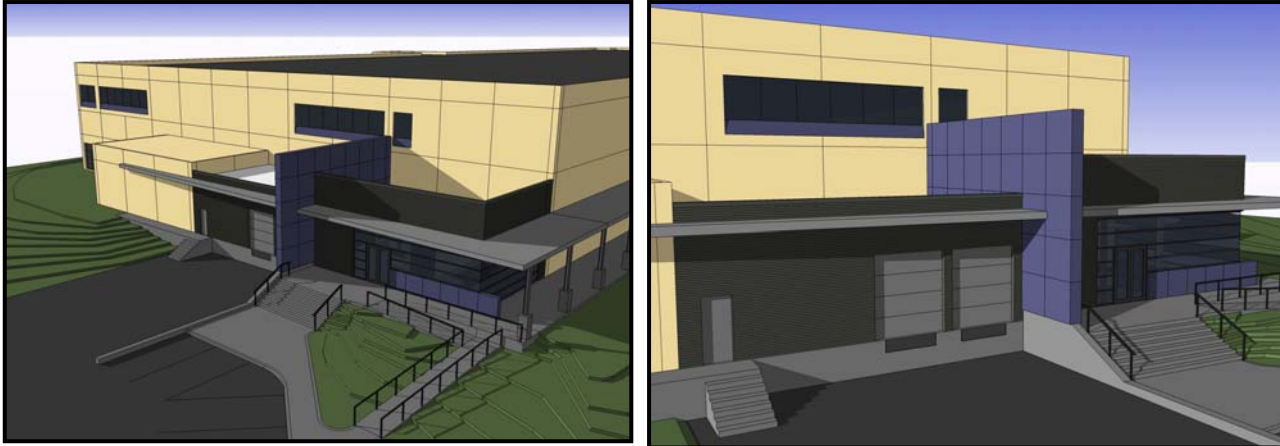
# South Hill Business & Technology Center

Data Center Buildout - PUYALLUP, WA.

*Lane Coburn & Associates, LLC is working for Benaroya on the South Hill Business & Technology Center Building “D” Data Center. LCA is providing a complete electrical design of a 20,000 SF - Tier 3 data center. We are also providing master planning for a total of 55,000 SF*



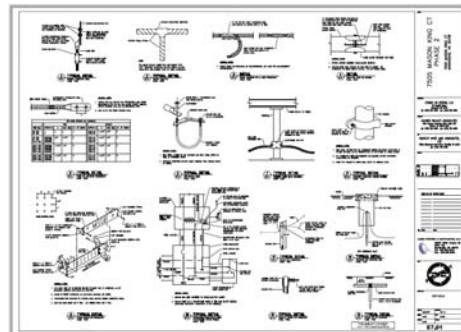
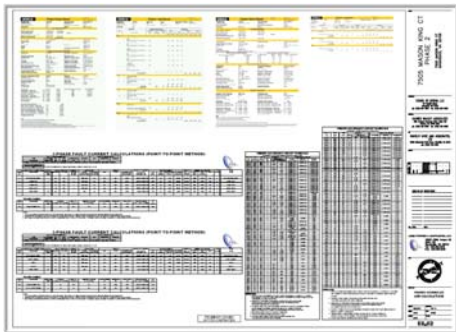
of data center space as well as the medium voltage service to the 92 acre campus. LCA is working with Sequoyah Electric, Turner Construction McKinstry and PKJB Architects on this project.



**(Owner Confidential) - Phase II - Data Center**

Manassas, VA

*Lane Coburn & Associates is working directly with the Owner for the Second phase of a large data center in Virginia.*



**(Owner Confidential) - Modular Data Center**

Manassas, VA

*Modular Data Center Project - Lane Coburn & Associates is working for Silent-Air Manufacturing on this modular data center design.*





## Coinstar – Office/Data Center System Analysis

Bellevue, WA

*Lane Coburn & Associates is working directly with the Owner to evaluate the existing electrical infrastructure in their current building. The building consists of high end office distribution as well as Coinstar's data center*



## Multicare/CUP/JTM – Generator System Analysis

Tacoma, WA

*Lane Coburn & Associates is working for JTM Construction on an evaluation of the electrical distribution system and emergency generator system and the Central Utility Plant for the Multicare Campus in Tacoma, WA*



## Chatham Data Center – Feasibility Analysis, Tukwila, WA

*Lane Coburn & Associates is working for JSH Property Managers to provide an analysis and initial designs for a new data center in Tukwila Washington.*



## South Hill Data Center – Phase 2 & Phase 3

*Lane Coburn & Associates is working for Benaroya on Phase 2 of this Next Generation Data Center in Puyallup Washington. This data center leverages a very efficient electrical and mechanical design (low PUE) and very low power rates.*



## Colocenters Data Centers – Seattle, WA

*Lane Coburn & Associates is working for the owner of this data center in the Seattle, Washington to analyze the most effective method of growth.*



## (Owner Confidential) – Data Center – Several Locations

*Lane Coburn & Associates is working with the owner on several of their large data centers on the East Coast.*

## Chatham Data Center – Seattle City Light Coordination

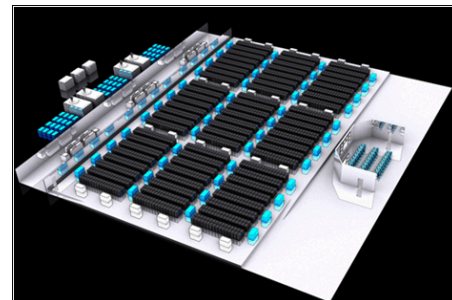
*Lane Coburn & Associates is working for JSH Property Managers to provide an analysis and coordination with Puget Sound Energy to develop a new data center in Tukwila Washington. PSE is providing an increase in service capacity to serve new data center tenants.*



## Large Data Center Analysis – Undisclosed Client & Location

*Lane Coburn & Associates is working directly with the owner to evaluate the existing electrical infrastructure in a large mission critical data center.*

*This project scope includes working with the owner and multiple vendors and sub contractors to manage the testing process of a 25 MW mission critical data center.*



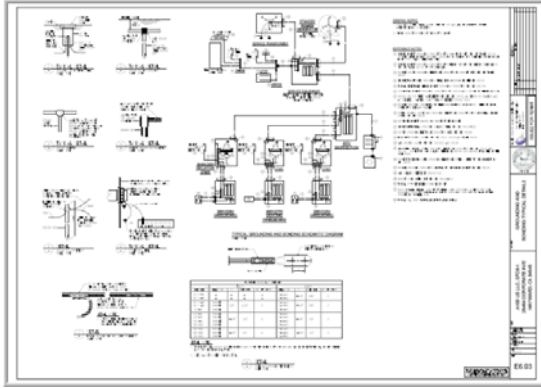
## Wave BroadBand - Data Center System Analysis Undisclosed Location

*Lane Coburn & Associates is working for Wave BroadBand on a data center collocation facility in California.*



### Large Data Center – San Francisco, California

*Lane Coburn & Associates is working directly for the owner on a large data center in San Francisco, California. This data center utilizes very efficient electrical and mechanical systems that will result in a very low PUE (Power Utilization Effectiveness).*



### Container Data Centers-Undisclosed Locations, Undisclosed Client

*Lane Coburn & Associates is working directly with the owner on the design and deployment of several containerized data centers.*

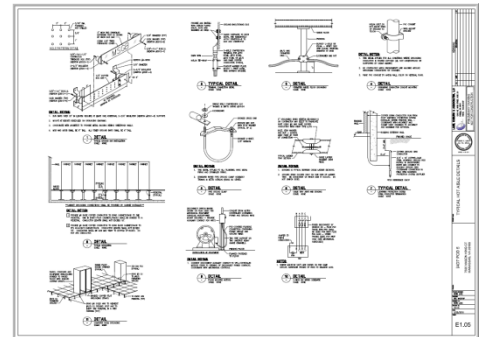
### COSTCO – Kirkland, WA

*Lane Coburn & Associates is working for CPSI on the integration of a new UPS system at a large Costco data center.*



### Large Data Center – Virginia – Undisclosed Client

*Lane Coburn & Associates is working for an undisclosed client on a large data center project in Virginia.*





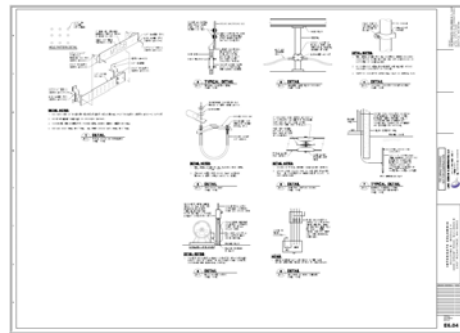
## Tukwila Data Center-Large Software Developer-Undisclosed client

Lane Coburn & Associates is working for Sigma Six on a large data center project in Tukwila, WA for an undisclosed client. We are evaluating several options in an effort to provide additional critical load in an existing mission critical facility.



## INTERGATE COLUMBIA - IGC BUILDING B - MOD 4 - Data Center

LCA is working directly for SABEY Corporation with VECA on the large data center project in Wenatchee, WA. This project includes full design and 2D/3D detailing and construction administration.



### Large Data Center Project - Intergate.Quincy Data Center

LCA is working directly for Sabey Data Center Properties (SDCP) on this very large data center build-out. This data center campus offers superior reliability, scalability, concurrent maintainability, low cost power and a low PUE. The project includes full design and coordination, 2D & 3D detailing and construction administration for a 3 building Data Center Campus, Medium Voltage Substation and MV distribution. See the following video of the project.

<http://www.sabey.com/leasing/igq-video.html>



**Expert Witness - Large Data Center Project - Undisclosed Location/Undisclosed Project.**

LCA is working for Coleman Hull & van Vliet providing expert witness services on a Large Data Center project.



**Container Data Centers - Undisclosed Locations -International, Undisclosed Client**

*Lane Coburn & Associates is working for Silent-Air on the design and deployment a containerized data center in Europe - Undisclosed locations.*



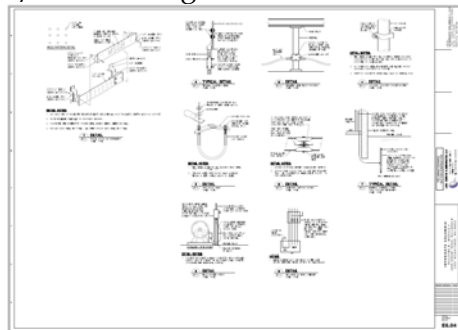
**DaVita Metro Media Data Center - Tacoma, WA**

*Lane Coburn & Associates is working for VECA Electric on a data center modification project in Tacoma Washington for DaVita Metro Media.*



**INTERGATE COLUMBIA - IGC BUILDING B - MOD 5 - Data Center**

LCA is working directly for SABEY Corporation with VECA on the large data center project in Wenatchee, WA. This project includes full design and 2D/3D detailing and construction administration.



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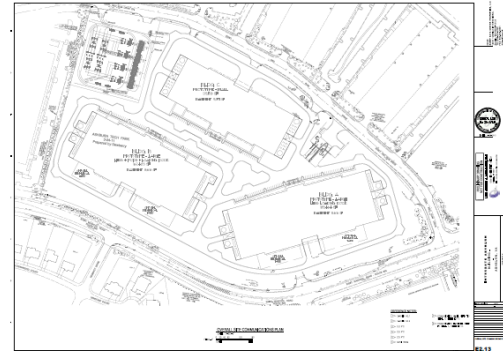
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Large Data Center Campus Project in Ashburn Virginia

**Sabey Data Center Properties**

Lane Coburn & Associates is in the process of Design Development design, working directly for Sabey Data Center Properties (SDCP) on a very large data center campus build out in Ashburn Virginia.



Underground Conduit/Conductor Analysis - Neher McGrath Heating Calculations - Texas

Lane Coburn & Associates, LLC is currently working for the Archer Western Contractors on a Neher McGrath Heating Calculation for a critical facility.



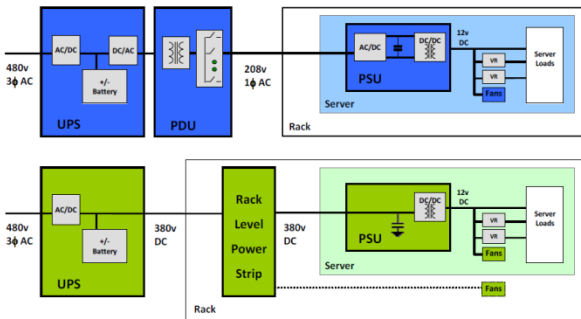
SAVVIS Data Center Buildout at a Sabey Data Center

Lane Coburn & Associates is working for Sabey Corporation on a large data center buildout for SAVVIS.



Large Data Center - Forensics Analysis, Expert Witness

LCA is working for AECOM as an expert witness for a large data center in the Mid West. LCA was hired based on our national recognition as experts in the field of Neher-McGrath heating calculations and evaluation. Visit [www.Neher-Mcgrath.org](http://www.Neher-Mcgrath.org)



DC Data Center Project - Prototype Design - Undisclosed Client

Lane Coburn & Associates is providing engineering services for a prototype DC Data Center design. This prototype will integrated significant design innovation.



375 Pearl Project project in New York – Sabey Data Center Properties



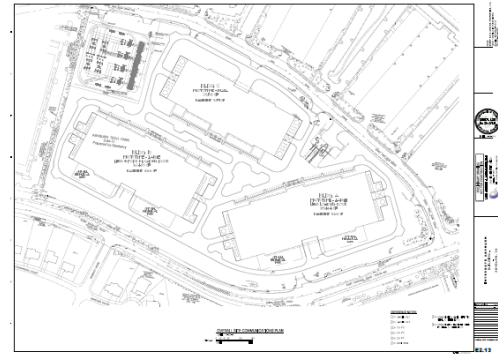
Lane Coburn & Associates is providing consulting services directly for Sabey Data Center Properties (SDCP) on this very large data center build out in New York. We are now in the Design Development stage of this project. See the following link for the press release

[http://www.sabey.com/docs/pdf/press\\_releases/SDCP\\_Acquires\\_375\\_Pearl.pdf](http://www.sabey.com/docs/pdf/press_releases/SDCP_Acquires_375_Pearl.pdf)



Large Data Center Campus Project in Ashburn Virginia

Lane Coburn & Associates is in the process of preparing Construction Documents, working directly for Sabey Data Center Properties (SDCP) on a very large data center campus build out in Ashburn Virginia.



SAVVIS Data Center Buildout at a Sabey Data Center – Additional Phases

Lane Coburn & Associates is working for Sabey Corporation on a large data center buildout for SAVVIS.



Numerous Underground Conduit/Conductor Analysis – Neher McGrath Heating Calculations

Lane Coburn & Associates, LLC is currently working for the Archer Western Contractors and EPI Engineering on a number of new studies at multiple locations.



Critical Environment – Environet EPMS/Monitoring System

Lane Coburn & Associates is for CPSI on several projects in the integration and deployment of the comprehensive Mission Critical EPMS and monitoring system on several projects.



Davita Data Center - Additional Phases

Lane Coburn & Associates is working for VECA Electric on the commissioning phase of the Davita Data Center Buildout



Wave BroadBand - Headend Mission Critical Facility

Lane Coburn & Associates is working for Wave BroadBand on reconfiguring a Headend critical environment in Port Orchard, WA.



3D Modeling and Site Coordination for the Quincy Data Center

LCA is currently working for SASCO, providing the 3D modeling and site coordination for this large SABEY Data Center Buildout in Quincy Washington.



Expert Witness - Large Data Center Project - Undisclosed Location/Undisclosed Project.

LCA is working for Add2Net for an undisclosed project



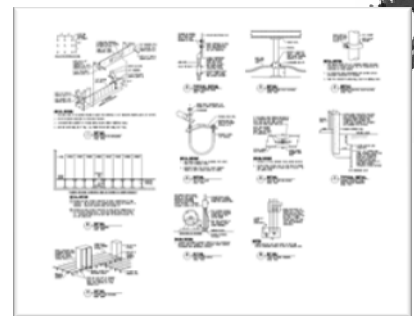
Data Center Deployment National - Undisclosed Client

LCA is currently working for Silent-Aire for an undisclosed Data Center Client on a Data Center deployment in the US.



Large Data Center - Japan - Undisclosed Client

Lane Coburn & Associates is working for an undisclosed client on a large data center deployment in Japan. LCA is providing the Electrical Engineering Consulting Services.



VECA Electric & Technologies - Large Intel Project, Arizona

Lane Coburn & Associates is working for VECA Electric & Technologies providing detailing & 3D BIM support for a large Intel project in Arizona.



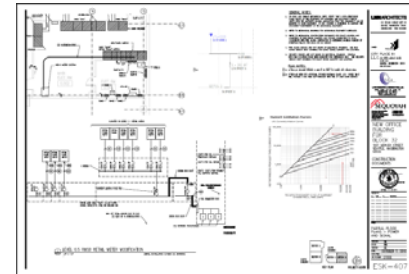
Data Center Deployment Virginia- Undisclosed Client

Lane Coburn & Associates is currently working for Silent-Aire for a new project in Virginia for a new Containerized Data Center deployment. See the Silent-Air updated website @ [www.silent-aire.com](http://www.silent-aire.com) for information on innovative products.



TK2 Data Center Project - Tukwila, WA

Lane Coburn & Associates, LLC is working for Lee Technologies on the design of several options to expand power.



Large Enterprise Level Data Center Client - Engineering Services

LCA is currently working for an Enterprise Level Data Center Client providing Engineering and Planning Services for a large data center. Undisclosed client. Undisclosed locations.

