



LANE COBURN & ASSOCIATES, LLC
Electrical Engineering & Technology Solutions for the Construction Industry

LCA NEWSLETTER - NOVEMBER 2013

We would like to take this opportunity to thank all of our Great Clients! We owe our success to you! Please visit www.lanecoburn.com for more information about Lane Coburn & Associates.

Lane Coburn & Associates is licensed in 14 states and provides Electrical Engineering, Technology Consulting (RCDD), Expert Witness Services & Commissioning Support nationally and internationally.

LANE COBURN & ASSOCIATES, LLC EXPANDING OUR EXPERT WITNESS SERVICES

Lane Coburn & Associates employees have completed numerous expert witness cases over the past decade. These cases include Mission Critical Facilities, Construction Defects, Duct Bank Overheating and Personal Injury Cases. Below is a Letter of Recommendation that followed a recently completed Expert Witness Case where LCA's expertise was critical during all phases including deposition and trial resulting in a very positive outcome.

"Mr Lane just testified as an expert in an extremely complex electrical engineering case involving a large Data Center. The jury thought he brought "fire" to the defense case and helped us advance a complex defense in terms lay people could understand. We got an excellent result and feel he played a pivotal role in getting us there. I would definitely hire him again."

Service Category: Expert witness - electrical engineering from 2011 to 2013.

Top Qualities: Great Results, Expert, High Integrity

Michael D. Hutchens | Partner - Meagher & Geer, P.L.L.P.
33 South Sixth Street, Suite 4400 | Minneapolis, Minnesota 55402



MISSION CRITICAL ENVIRONMENTS

LCA Specializes in **Mission Critical Facilities**.
In addition to engineering services, LCA contributes to the engineering community with Articles, Roundtables, Presentations & Webcasts.



Keith Lane published an article that was published in the August edition of Pure Power Magazine titled, "Selective coordination in mission critical facilities". LCA will also be publishing an article in Mission Critical Magazine on the Design and Legal issues involved in electrical feeder failures.



For more information about LCA's specialty engineering services, please refer to the following websites:

www.electricexpertwitness.com, www.neher-mcgrath.com & www.neher-mcgrath.org

NEW PROJECT



Below is a review of New Projects & New Phases of Existing Projects that Lane Coburn & Associates has started since our last Newsletter in June of 2013.

zColo Data Center - Tukwila Washington

Lane Coburn & Associates is working for zColo on one of their data centers in the Tukwila area.



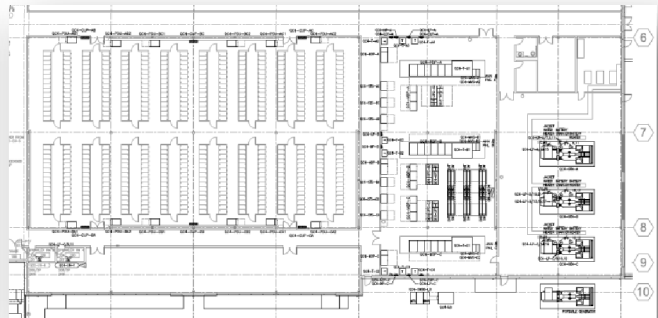
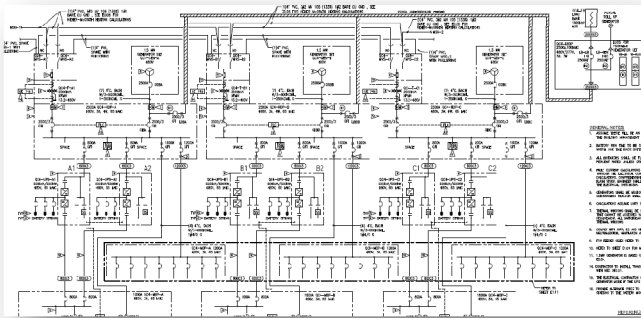
City of Riverside - Neher McGrath Underground Duct Bank Calculations & Modeling

Lane Coburn & Associates providing Neher McGrath Heating calculations for the City of Riverside.

Sabey Quincy Data Center Building C - Quad 4



Lane Coburn & Associates is working for Sabey Data Center Construction for the Quad 4 buildout of Building C at the Sabey Quincy Campus.



Expert Witness for a VFD Arc Flash Case

Lane Coburn & Associates is working as an Expert Witness for an undisclosed client for a case involving an arc flash inside a Variable Frequency Drive.



Expert Witness for an Electrocution of as Telecommunications Case

Lane Coburn & Associates is working as an Expert Witness for an undisclosed client for a case involving the electrocution of a telecommunications worker.

Port Of Seattle (POS) EGSE Demonstration Package, Phase 1 & Phase 2

Lane Coburn & Associates is providing electrical engineering and telecommunications design for the Port of Seattle EGSE (Electricification of Ground Support Equipment) project, Phase 1 and Phase 2. LCA is working as a sub-consultant to the Harris Group.



Harris Group Inc.

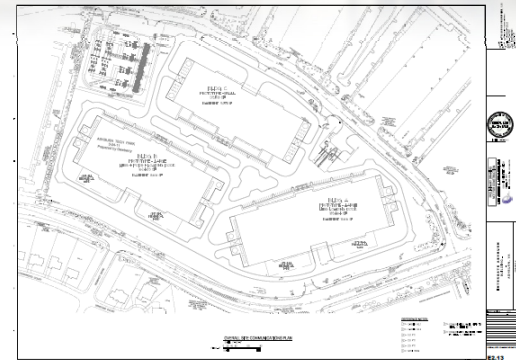
SDC M1 - 375 Pearl Project in New York - Sabey Data Center Properties

Lane Coburn & Associates is providing consulting services directly for Sabey Data Center Properties (SDCP) on this large data center build out in New York. We have moved to the Construction Phase. Refer to the following link for the press release:
http://www.sabey.com/docs/pdf/press_releases/SDCP_Acquires_375_Pearl.pdf



Large Data Center Campus Project in Ashburn Virginia

Lane Coburn & Associates has completed Construction Documents, working directly for Sabey Data Center Properties (SDCP), on a very large data center campus buildout in Ashburn Virginia. We are now moving to the construction phase of the project.



Modular Data Center - Undisclosed Client/Undisclosed Location

Lane Coburn & Associates is working on a large modular data center deployment - Undisclosed Client/Undisclosed location.



SABEY Data Center - Akamai Data Center

Lane Coburn & Associates is working for Sabey Construction on the Akamai buildout at the Sabey Quincy Campus.



JBLM Access Corridor project - Construction Administration

LCA is currently working for BergerABAM on the Construction Administration for the Joint Base Lewis McCord Access Corridor project



Mission Critical Project - Undisclosed Client, Undisclosed Location

LCA is currently working for a Data Center Client providing Engineering and Planning/Design Services for a large data center.

Expert Witness Project - Undisclosed Client - California

Lane Coburn & Associates is working for an undisclosed client for litigation on a large Mission Critical project in California.

Seahurst Electric TEGG program - Selective Coordination Study and Arc Flash Study

Lane Coburn & Associates is working for Seahurst Electric in their TEGG program. LCA is providing a selective Coordination study and Arc Flash study for a large industrial facility.



Plaza Substation Neher-McGrath Study

Lane Coburn & Associates is working for The Engineering Partners. LCA is providing a Neher - McGrath heating calculation for the Plaza Substation project.



LCA just completed a large renovation/repair of (2) large Hanger projects at Joint Base Lewis McCord with the Helix Design Group. LCA received a "Very Good" review for the electrical design from the JBLM project manager. See summary of review below:

This Contractor did an exceptional job on this Contract. This was a large undertaking on a hard timeline with a very strict budget that could not be increased. The Contractor performed within these constraints exceptionally well. They were very thorough in their understanding of the project's intent as well as their understanding of the existing facilities and the needs of the customers and installation. The project team exercised great judgement in their design approach, contributing to each building's design coming in under the budgeted amount. The Contractor paid particular attention to sensitive issues such as ATPFP considerations as well as historical concerns where applicable. Great care was made to meet the expectations of the interested parties. The customer service and attention to detail throughout this project was appreciated and noticed by all. I would recommend this design team for the most challenging of projects.

LCA was named one of the Consulting Specifying Engineering Magazine's GIANTS, top 100 Engineering Firms in the U.S. based on revenue. We believe it is better to be good than big, but we are proud of our top 100 MEP Status this year. We owe it all to our clients. We will continue to grow to support our client's needs.

90	The Rock Brook Consulting Group	Private	4,430,000	4,430,000
91	PWI Engineering	Employee-owned	4,625,855	4,162,370
92	Korda/Nemeth Engineering Inc.	Private	9,200,000	4,156,000
93	SSC Engineering Inc.	Private	4,013,000	4,013,000
94	Lane Coburn & Assocs. LLC	Private	3,721,000	3,721,000
95	Kamm Consulting Inc.	Private	3,629,946	3,521,048
96	McGuire Engineers Inc.	Private	3,154,000	3,154,000
97	JVP Engineers P.C.	Private	3,250,000	2,800,000
98	Innovative Engineering Inc.	Private	7,000,000	1,500,000
99	reliatech LLC	Private	3,500,000	1,500,000

See LCA's Firm Video at the Link Below for a summary of our Firms experience, expertise, services, inovation and clientelle. For more informaiton, please visit our website at: <http://www.lanecoburn.com/>



LCA has successfully completed numerous projects as an Electrical or Telecommunications Expert Witness <http://www.electricexpertwitness.com>



Keith Lane **Scott Coburn**

P.E., RCDD, IBEW Journeyman
NTS, RTPM, LC, Electrician, IAAI,
LEED AP BD+C WSSHE

Bill Waldrop

RCDD

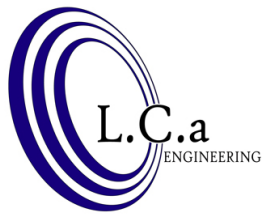
Don Pontsler

P.E., MPA

Nick Alexander

LEED AP BD+C





To Better Serve Our Clients

LCA is a registered Small Business with the Federal Government. The following is our registration information:

Certifications: SBE
ORCA Registration

DUNS # 926179537
NAICS: 541330 & 541340

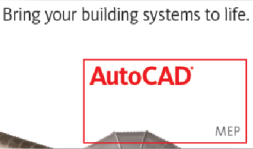
CCR Registration
CAGE CODE: 555F1



We have expanded our professional engineering state licenses to 14. Our state licenses include; Washington, Oregon, California, Idaho, Arizona, Montana, Nevada, Utah, Hawaii, Virginia, Pennsylvania, Minnesota, New York & Alaska. We are also a National Certificate Holder of an NCEES record that allows us to obtain other state licenses in an expedited manner.

CAD/BIM/3D/BENTLEY

LCA is proficient in a Full Line of CAD, BIM, 3D & Collision Detection Software. This includes; Autodesk MEP, REVIT, Navisworks & Bentley Microstation.



THANKS TO OUR GREAT CLIENTS

- ADD2NET
AECOM
AHCS
Briggs Electric
Archer Western Contractors
Allied Electric
AlfaTech
AMAZON
AVDATA Inc
BergerABAM
Bovis Lend Lease
Benaroya Properties
Blue Oak Energy
Callison Architects
Cochran Electric
Chatham LLC
Coleman Hull & van Vliet
DaVita
Latham & Watkins LLP
BOORNAZIAN, JENSEN & GARTHE
Brown Lewis Janhunen & Spencer

- COSTCO
Holmes Electric
Cohen & Richardson
CB Richard Ellis
CH2MHILL
City of Bellevue
Coinstar
Colocenters
CPSI
Dynalectric/Emcore
EHS Electric
ELCON
Greenfield LLC
The Harris Group
IDC Architects
Freeman-Fong Architects
Ellerbe Becket
Verizon
K&L Gates PLLP
Metrix Engineers
Seahurst Electric

- Lee Law Firm
Green & Hall LLP.
HELIX Design Group
EPI Engineering
JTM Construction
Lighthouse Electric Group
LST Consulting Engineers
McKinstry
Microsoft
Northcom
Prime Electric
Red Sea Group
Rock Electric, Inc.
Sabey Corporation
Sabey Data Center Properties
Salish Construction
Jabez Construction
McGuire Woods LLP
Stihl
Sabey Construction Inc.
URS
The Engineering Partners, Inc

- North American Capital
Travelers Insurance
Lee Technologies
Meagher & Geer, PLLP
SASCO
Sequoyah Electric
Sigma-Six Inc.
Silent-Aire
Turner Construction
TMOBILE
Wave BroadBand
W.E. Bowers
West Seattle Montessori
williams + tam
VECA Electric
Savvis
ST Fabrication
SERTRES DEL NORTE
Terremark
Verizon
zColo
Zayo

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