

C3 DESIGN BUILD, LLC

CHARLES C CARLSON, PE

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EDUCATION: BS ELECTRICAL ENGINEERING

CONCENTRATION: POWER AND POWER DISTRIBUTION

COLLEGE: UNIVERSITY OF NORTH DAKOTA – GRAND FORKS, ND

GRADUATION: 1981

PE EARNED: STATE OF PA - OCTOBER 1987

EXPERIENCE:

MORE THAN 35 YEARS OF WORKING WITH DESIGN-BUILD ELECTRICAL CONTRACTORS AND DEVELOPERS THROUGHOUT THE STATE OF PENNSYLVANIA. DESIGN ASSISTANCE IN THE COMMERCIAL, INDUSTRIAL, INSTITUTIONAL AND HEALTH CARE FACILITIES. EXPERIENCE RANGES FROM SMALL SHELL FACILITIES ALL THE WAY THROUGH COMPLETE FIT-OUTS OF WAREHOUSING AND DISTRIBUTION FACILITIES IN EXCESS OF 1.5 MILLION SQUARE FEET.

SOFTWARE UTILIZED:

- CAD: AUTOCAD 2025
- NATIONAL ELECTRIC CODE – 2020 (CURRENT CODE FOLLOWED AND DESIGNED AROUND IN PENNSYLVANIA)
- COORDINATION AND ARC FLASH ANALYSIS – EASY POWER 2026
- THERMAL IMAGING STUDIES – FLUKE CONNECT W/ SMART VIEW