

Stephen D. Charlton

SUMMARY OF QUALIFICATIONS

- Fourteen years experience in Project Management, Engineering, and Drafting of fiber optic and twisted pair cabling systems design for Local Area Networks (LAN), Wide Area Networks (WAN), Building Management Systems, Data Centers, Central Offices (CO), Network Operation Centers (NOC), and Co-location Facilities for the Public and Private Sectors.

PROFESSIONAL EXPERIENCE

July 2003 - Present Independent Contractor Atlanta, GA

Project Listing

- Rose Island, Bahamas design, engineering and drafting of public OSP voice, data and CATV systems. (In progress)
- Ritz Carlton Rose Island design, engineering and drafting of hotel ISP and OSP voice, data and CATV systems. (In progress)
- West Caicos, Turks Caicos Islands design, engineering and drafting of public OSP voice, data and CATV systems. (In progress)
- Ritz Carlton Molasses Reef West Caicos design, engineering and drafting of hotel ISP and OSP voice, data and CATV systems. (In progress)
- Four Seasons Hotel and Resort Atlanta, GA: Project Managed construction contractor. Finalized engineering and drafting for Guest Area voice, data and CATV renovation project. (Completed 09/06)
- Drafted Fire Alarm Systems for various Kohls Department stores throughout the state of Georgia. (Completed 03/06)
- Engineered, and Drafted fiber optic WAN backbone for Metro Atlanta Rapid Transit Authority (MARTA) train control system. (Completed 01/06)
- Drafted Georgia Institute of Technology Campus Wide Wireless Network Installation. (Completed 03/05)
- Engineered and Drafted fiber optic Backbone for KMC Telecom Huntsville SONET Ring Expansion and bisector. (Completed 05/04)

Sept. 2002 - Mar. 2003 Netversant Solutions, Inc. Norcross, GA

CAD Manager

- Developed and implemented workflow and procedure for Site Survey and Construction documentation.
- Established and implemented drawing standards for all CAD processes.
- Maintained disposal and recycling records of customer's electronic equipment.
- Responsible for hiring and training of CAD operators and project coordinators.
- Tracking and documenting daily progress of CAD, engineering and data entry processes.
- Engineered customer sites according to ANSI TIA/EIA Standards and BICSI guidelines.
- Reviewed and processed Category 5E cabling test result for Avaya warranty.
- Reviewed and processed change orders for construction.

Feb. 2001 - Sept. 2001 Logical Link, Inc. Norcross, GA

ISP Engineer

- Provided Engineering and CAD support for ISP Engineering Division.
- Consulted with client for approval of ISP materials and route selection within the customer premise. In accordance with ANSI EIA/TIA and NEC standards.
- Assisted the OSP Engineering Division in special situations such as: Railroad Crossings/Permitting, Bridge Attachments, and DOT Permitting.

Nov. 1998 – Feb. 2001 KMC Telecom, Inc. Duluth, GA

BICS Manager

- Established and implemented company standards and guidelines for construction, materials and engineering within the customer premise in accordance with ANSI EIA/TIA Standards.
- Managed construction and engineering supervisors associated with all BICS projects.
- Prepared bid documentation in response to RFP's for both engineering and construction for all of KMC Telecom Cities and Private Network Projects.
- Directly responsible for engineering of special projects such as MDU Facilities, Campus Environments, Data Centers and Structured Cabling Systems.

Route Engineering Supervisor

- Reported directly to OSP Management status of invoicing for engineering contractors, and status of engineering projects for fifteen (15) cities.
- Supervised and assisted a team of Project Engineers in activities such as reviewing projects and invoicing.
- Responsible for all aspects of engineering projects in four (4) cities.

May. 1993 – Nov. 1998 Cable Consultants, Inc. Duluth, GA

Drafter/Project Engineer

- Designed and project managed the construction of Siemon and Avaya Structured Cabling Systems.
- Designed and project managed the construction of client data centers, campus environments and riser systems
- Engineered and drafted for BICS, ISP and OSP Projects, for construction and presentation to client.
- Daily coordination of construction activities, scheduling equipment and material arrival to customer premise for several large projects.
- Preparation of BOM, labor cost, invoicing, RFP responses, final inspection and drafting of customer projects.

**COMPUTER
APPLICATIONS**

- AutoCAD (all releases)
- Microsoft Office Suite (Word, Excel, Front Page, PowerPoint, Project and Outlook) Adobe Acrobat Standard
- Mozilla Suite (e-mail client and internet)
- Word Perfect
- Autolisp

EDUCATION

Jan. 1991 – Mar. 1993 Southeast College of Technology Mobile, AL

- **Associates Occupational Studies Computer Aided Drafting**

REFERENCES

Will be furnished upon request.