

Crescent Electric Supply Company Des Moines Master Plan

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Results-oriented. Client-centric. It's this mindset that has made St. Onge a globally-recognized supply chain strategy and logistics expert, helping companies across the United States and around the world become more profitable, agile and adaptive to the demands of an ever-evolving marketplace.

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Project Overview:

- Developed facility master plan for a newly constructed facility in Des Moines, ID
- Evaluated data and developed design requirements
- Products ranging from small fittings and lighting components to larger wire reels, and conduit / piping
- Developed base case design using conventional racking, shelving and lift trucks / carts – including layout, equipment, labor rates and capital costs
- Generated multiple alternatives including layout variations, and use of AMRs/Locus Robotics – including layout, equipment, labor rates and capital costs
- Recommended layout included AMRs, shelving, pallet, cantilever rack and wire racking
- Conducted Phase 2 - Specs/RFP, vendor recommendations project
- Supported Phase 3 - Implementation management, involving multiple site visits for rack installation inspections

Key Project Elements:

- High volume each picking using shelving and Locus Robotics

Project Results:

- Facility design within the available 225,000 square feet new building
- \$1.8m capital investment with an attractive ROI

