

Western Michigan University Campus Facilities

Design Guidelines for Construction:

DESIGN GUIDELINES

Electrical

DIVISION 16:

- DG16-0 General Electrical Design Guidelines rev: 6/22/06
Quality of Workmanship, Inspections, Codes and Standards, Basic Design Materials & Methods, Submittals, Spare Parts & Equipment, Warrantees, Temporary Electrical Service, Electrical Installation, Cleaning & Turnover.
- DG16-1 Electrical Systems & Components rev:
Distribution, Wire-ways, Wires, Devices, Equipment, Drives, Panels, Labeling and Identification, Breakers, Freq. Drives,
- DG16-2 Lighting rev:
Lamps, Fixtures, Coverage, Levels, Controls, Ballasts, Reflectors
- DG16-3 Alternative Power Systems rev:
UPS Systems, Generator Systems, Battery Power Systems
- DG16-4 Primary Voltage Electrical Distribution System rev: 7/7/03
Equipment, Controls, Metering, Trip Devices, Underground Distribution
- DG16-5 Security Systems rev. 8/5/05
University Security Policies, Responsibility and Intent, University Card Access System, Digital Video Surveillance Systems, Intrusion Alarm Systems, Equipment Alarms
- DG16-6 Fire Alarm Systems rev:
Alarm and Detection systems, Panels, Type of System
- DG16-7 Control Systems rev:
Electrical Systems Control
- DG16-8 Electrical Metering rev.
- DG16-9 Electrical Testing, Startup & Commissioning rev:
Testing, Startup/Commissioning
- DG16-10 Electrical Trades – Preferred Manufacturers List rev: 6/22/06
Electrical Systems & Components, Lighting, Alternative Power Systems, Special systems, Testing, Startup & Commissioning

STANDARD DETAILS:

- SD16-01 West Campus Power Distribution One Line Diagram rev:
SD16-02 Oakland Dr. Power Distribution One Line Diagram rev:
SD16-03 Parkview Campus Power Distribution One Line Diagram rev:
SD16-04 West Campus Power Site Plan rev:
SD16-05 Oakland Dr. Power Site Plan rev:

SD16-06	Parkview Campus Power Site Plan.	rev:
SD16-07	Typical Electrical Manhole Detail	rev:
SD16-08	Security Door Standard Details	rev:
SD16-09	WMU Electrical Drafting Symbols	rev: