

## **Structured Cabling System Requirements Policy**

Accommodations for individuals with disabilities in accessing these policies are available upon request by emailing [accessiblepolicy@wcupa.edu](mailto:accessiblepolicy@wcupa.edu)

### **Purpose and Scope**

The Structured Cabling System Requirements Policy for West Chester University Information Services & Technology computing facilities, systems and resources applies to all members of the University community, including faculty, students, staff, contractors, and affiliates, and to authorized visitors, guests, and others for whom University technology resources and network access are made available by the University. This policy also applies to campus visitors who avail themselves of the University's temporary visitor wireless network access service or eduroam access, and to those who register their computers and other devices through Conference Services programs or through other offices, for use of the campus network.

### **Policy Statement**

The purpose of this requirements document is to assist departments, engineers, architects, and contractors in creating a robust infrastructure to support present technologies and to ensure the future addition of emerging technologies into the educational environment at West Chester University. Communication technologies are a critical element in the design of all new building projects as well as renovations to existing buildings. Whether it be voice, data and video transmission, security and fire alarm systems, audio/visual systems, multimedia, or other communication technologies, it is important that a team of experienced professionals is involved in the design to ensure that West Chester University has a technology infrastructure that provides users with a highly available and resilient enterprise network which provides robust connectivity to both internal and external network-based resources. In addition to providing technical assistance, these guidelines also recognize the important educational and fiscal implications of "future proofing" our technology infrastructure. Careful design, planning, and implementation will extend the life of the investment and prevent premature obsolescence. For example, there is an ever-growing demand for bandwidth for telecommunications systems in learning

environments. The upward trend in higher bandwidth demands will continue as computer assisted education and research become more sophisticated and will require higher speeds and increased reliability. Planning for future technological evolution is therefore essential and needs to be part of every construction/renovation project. Finally, a Structured Cabling System is a key concept in enabling current and future technologies for West Chester University. These guidelines provide more details that respond to the needs of rehabilitation and modernization of buildings under renovation and apply equally to new construction projects.

Information Services & Technology maintains a Structured Cabling System Requirements document outlining specifications that provide a minimum configuration that must be used when planning new construction or major remodeling of an existing facility. West Chester University reserves the right to amend or change the Structured Cabling System Requirements guidelines at any time and for any reason.

### **Procedures**

The Structured Cabling System Requirements document is available upon request to the IS&T (Information Services & Technology) Help Desk ([helpdesk@wcupa.edu](mailto:helpdesk@wcupa.edu)) or by contacting IT Infrastructure Services.

### **References**

Structured Cabling System Requirements document

**Reviewed by:**  Information Services & Technology

**Policy Owner:** **Kevin Partridge**

Executive Director IT Infrastructure Services and Deputy CIO  
Information Services & Technology

**Office of Labor Relations Review: Review completed December 27, 2022**

**Approved by:**



JT Singh

Senior Associate VP & CIO

Information Services & Technology

Date: October 13, 2023

**Effective Date: October 13, 2023**

**Next Review Date:** October 13, 2026

**History:**


Initial Draft: 9/20/2012

Initial Approval: 9/20/2012

Revision Dates: 10/18/2018 Complete rewrite

10/29/2019 Updated document

1/24/2020 Approved by Senior Associate VP and CIO of IS&T

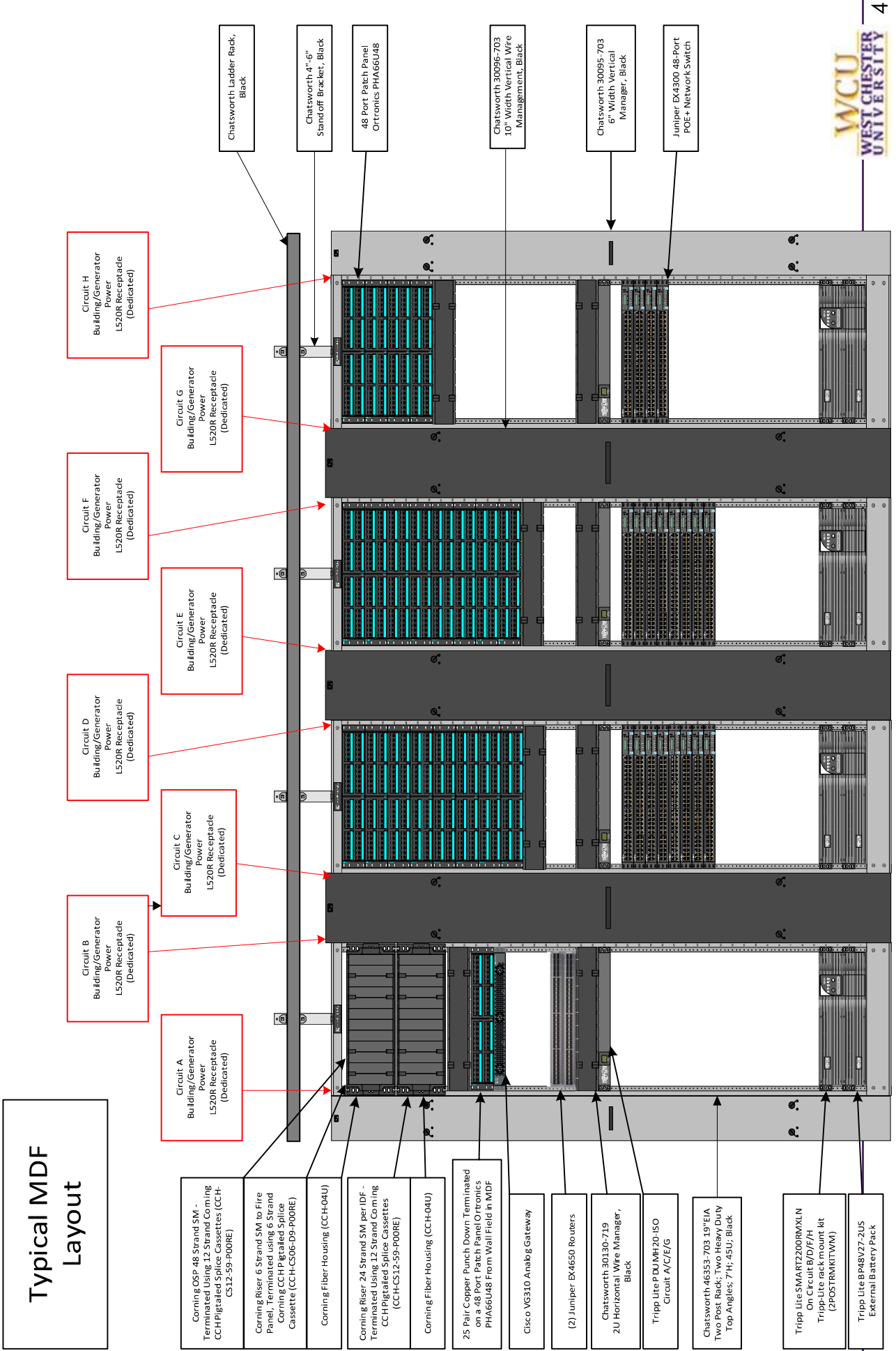
7/14/2020  Minor edit – “All riser and branch fiber optic cable shall be armored”

2/11/2021 Reformatted to new WCU Policy Template

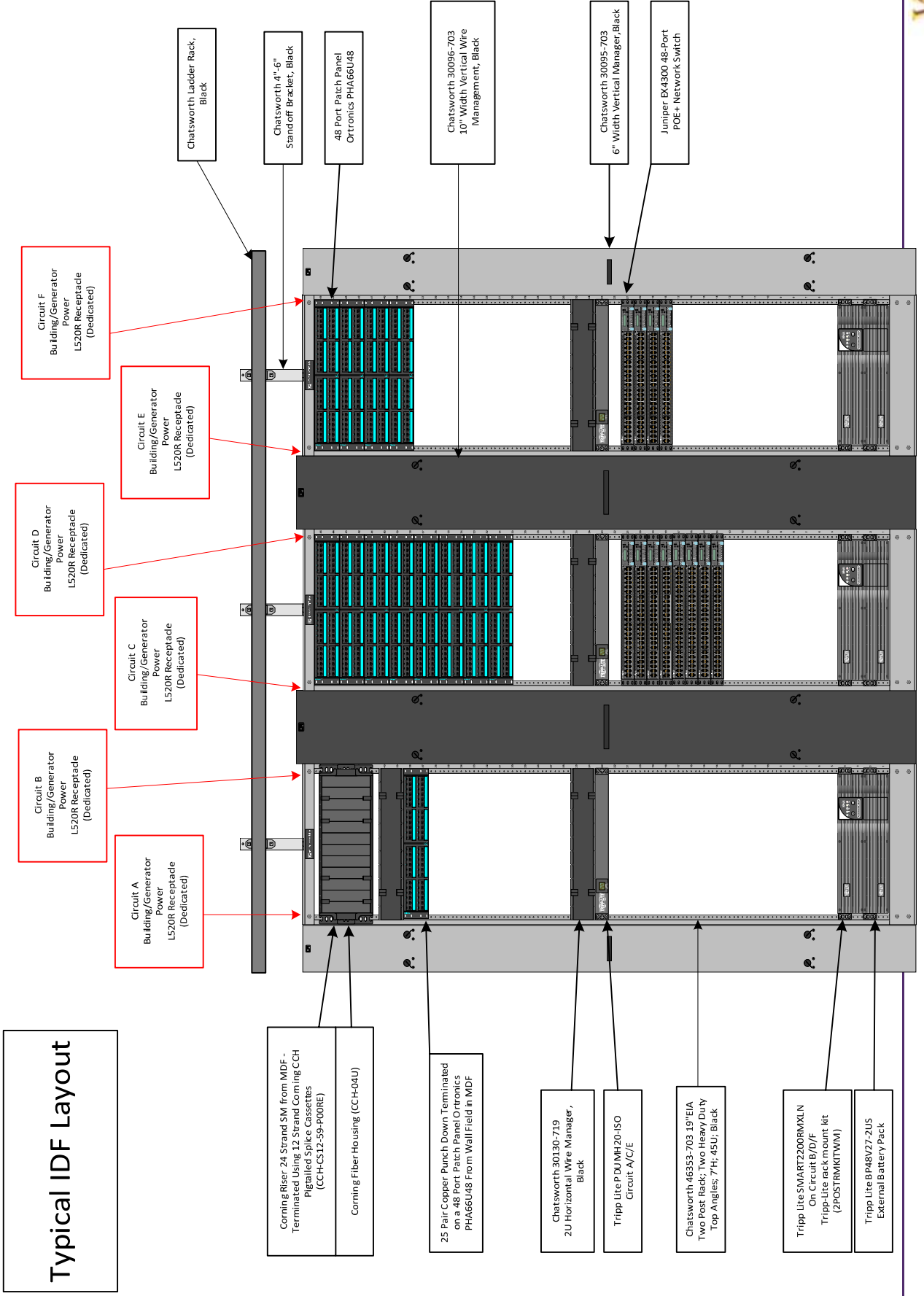
5/17/2022 Updated document - Reviewed and Approved by Senior Associate VP and CIO of IS&T

12/27/2022 - Review window for Office of Labor Relations

10/13/2023 - Review signatures, next review date updated

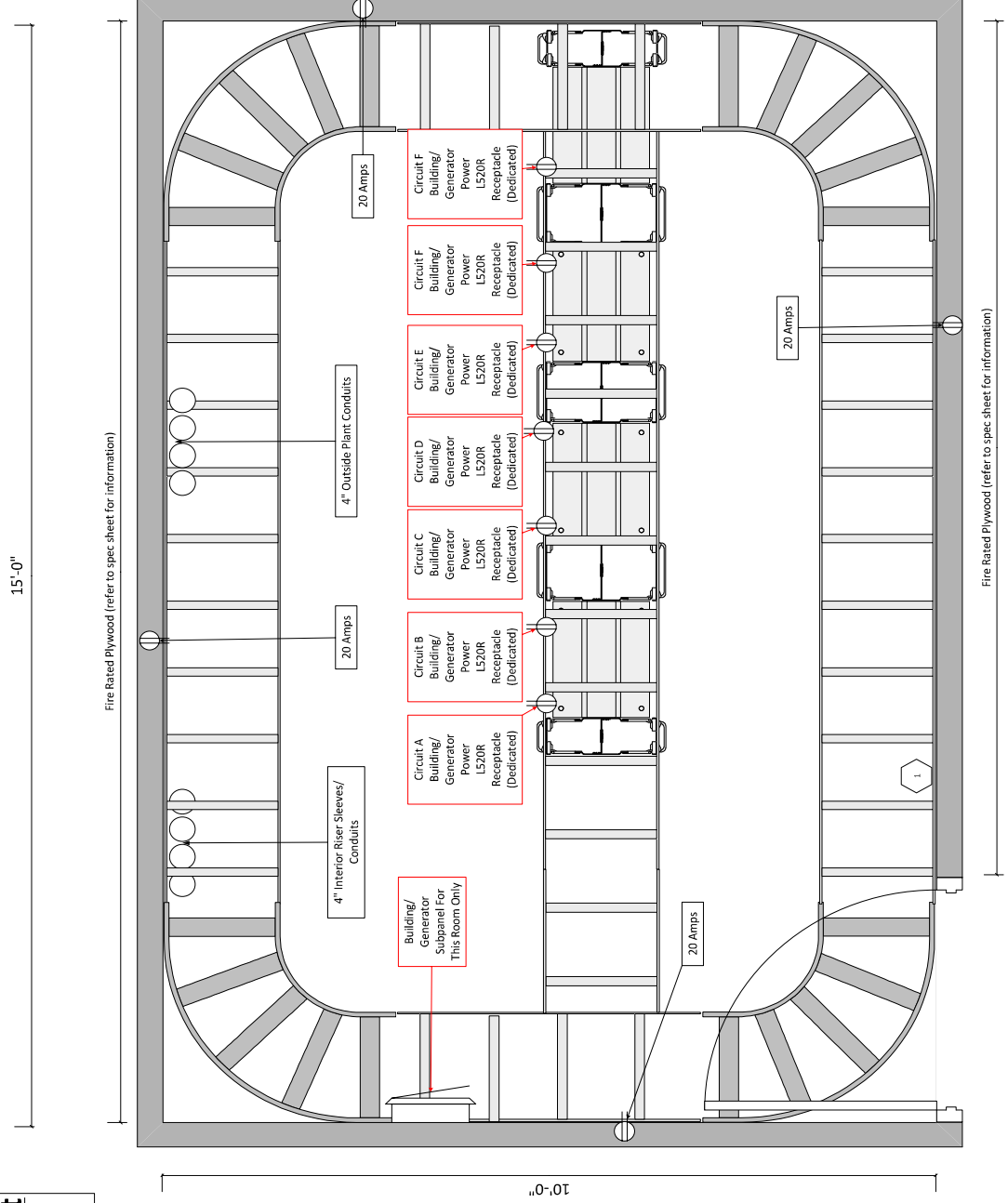


UNIVERSITY POLICY Under Review



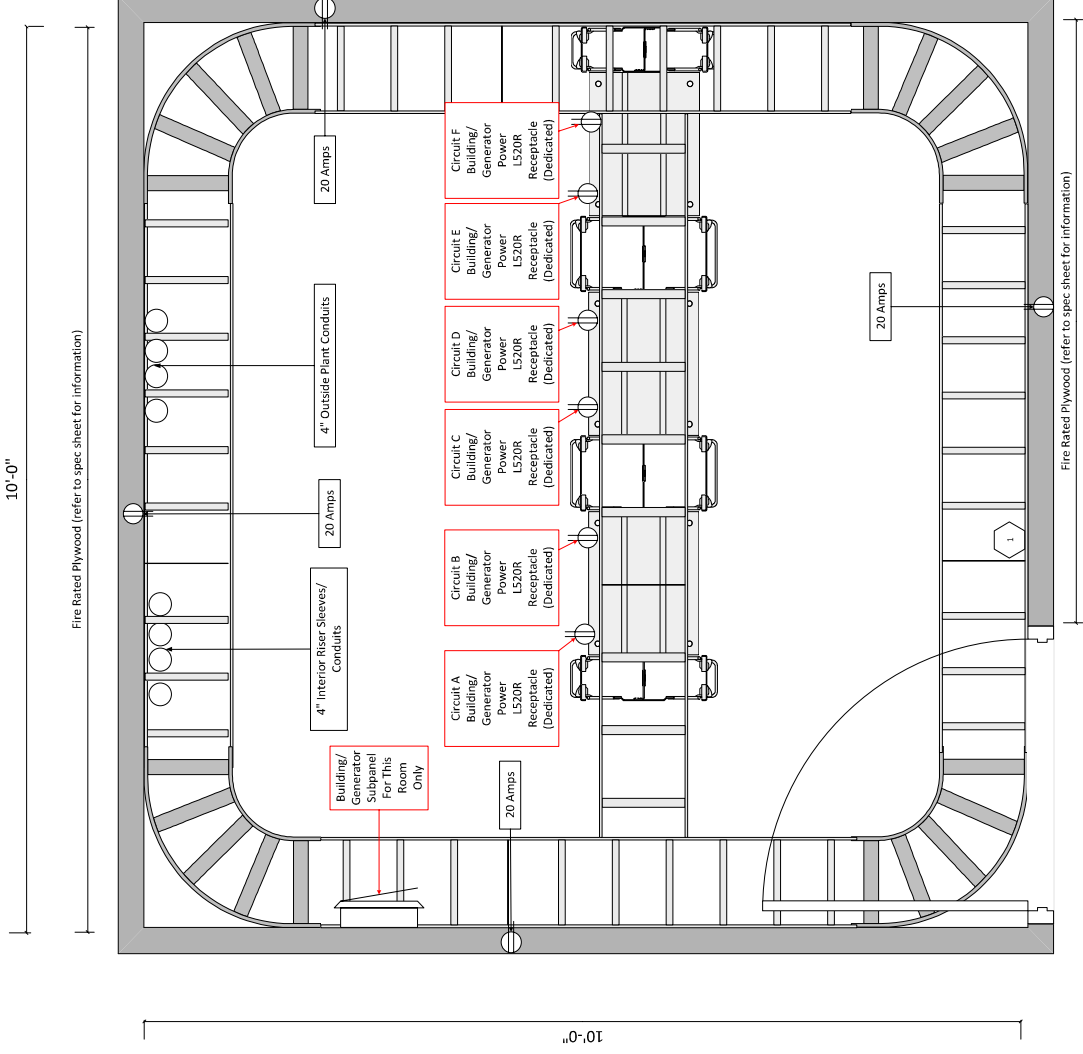
UNIVERSITY POLICY Under Review

**Typical MDF Layout**



1- Fire Extinguisher

**Typical IDF Layout**



1- Fire Extinguisher

