Main Facility – 300 S. River Ave, Holland, MI 49423

IDF – Boiler Room Area

- Cisco Switch Stack
- General Internet Access
  & WatchGuard to WatchGuard BoVPN Tunnel for access to
  Lakeland Library Coop Circulation Server

MDF – Data Center

- 4Gb Etherchannel over 2 Multi-Mode Fiber pairs and 2 Ethernet copper
- 2Gb LACP Ethernet Connection
- Eight (8) 1Gb Ethernet Connections per Host Server
- Multiple Physical VLAN Ethernet connections, e.g. DMZ, Wireless Hotspot, Trusted network, etc.
- 4Gb Etherchannel Over Ethernet copper

- Watchguard FW
- City Hall Router
- Ethernet
- Workstations
- Printer/Copier/Scanner
- APs
- 3 Host Servers
- Cisco Switch Stack
- SAN
- Cisco Switch Stack
- City Hall
  (Access to Financial Systems)

Internet

- Lakeland Library Coop
  (BoVPN Tunnel for access to Circulation Solution)
- Watchguard FW

North Branch - 155 Riley St., Holland, MI 49424

- Cisco Switch
- SAN
- 1Gb Ethernet
**Future/Proposed Network Diagram**

**Main Facility** – 300 S. River Ave, Holland, MI 49423

### IDF – Boiler Room Area
- **Switch Stack**

### MDF – Data Center
- **Watchguard FW**
- **1Gb Ethernet**
- **Switch Stack**
- **City Hall Router**
- **Ethernet**
- **City Hall** (Access to Financial Systems)
- **General Internet Access**
- **ISP Router**
- **Over subscribed fiber to City Hall Facility**
- **10Gb Ethernet over Single Mode Fiber (less than 6 miles)**
- **2Gb LACP Ethernet Connection**
- **Multiple Physical VLAN Ethernet connections, e.g. DMZ, Wireless Hotspot, Trusted network, etc.**
- **20Gb Etherchannel over 2 Multi-mode fiber pairs**

### Workstations
- **Printer/Copier/Scanner**
- **Workstations**
- **APs**

### 3 Host Servers
- **SAN**
- **3 Host Servers**

### Lakeland Library Coop
- **BoVPN Tunnel for access to Circulation Server**
- **City Hall**

### North Branch - 155 Riley St., Holland, MI 49424
- **1Gb Ethernet**
- **Switch**
- **SAN**

### City Hall
- **ISP Router**
- **WatchGuard to WatchGuard BoVPN Tunnel for access to Lakeland Library Coop Circulation Server**

### Ethernet
- **Multiple Physical VLAN Ethernet connections, e.g. DMZ, Wireless Hotspot, Trusted network, etc.**
- **1Mb connection**
- **2Gb LACP Ethernet Connection**
- **Eight (8) 1Gb Ethernet Connections per Host Server**
- **10Gb Ethernet over Single Mode Fiber (less than 6 miles)**
- **2Gb LACP Ethernet Connection**

**Watchguard FW**

**SAN**

**City Hall Facility**