

mechanical & electrical details

5455 GREAT AMERICA PARKWAY

	DESCRIPTION	QTY	NOTES
HVAC	Cooling Towers Marley Crossflow Closed Loop	2	<ul style="list-style-type: none"> Includes 6" Vertical Piping Loop to Ground Floor Serves 15 Water Source Heat Pumps Throughout Building 155 Tons Each
	Supplemental Cooling Liebert Computer Room Air Conditioning Units	31	<ul style="list-style-type: none"> Includes Intellislot Web Cards Includes Low Sound Package Units Serve Lab, Server, UPS & IDF Rooms
	Supplemental Cooling Mitsubishi Fan Coil Units with Air Cooled Rooftop Condenser	6	<ul style="list-style-type: none"> Includes Washable Filters Includes Remote Control Thermostat Units Serve Lab & IDF Rooms
ELECTRICAL	4000 AMP Building Service		
	Uninterruptible Power Supply (UPS) 500 KVA Emerson Liebert NX Series		<ul style="list-style-type: none"> Scalable to 600 KVA
	1600 AMP Panel Feeding 1st Floor Server Lab	1	<ul style="list-style-type: none"> Includes Starline Busway with Bus Plug-in Boxes
	200 AMP Panel on 4th Floor Feeds Labs & IDF on 3rd and 4th Floors	1	
	400 AMP Panel on 5th Floor Feeds 5th Floor Labs and MDF	1	
GENERAL	Lab Type Spaces Throughout Building	10	<ul style="list-style-type: none"> Approximately 6,000 Square Feet of Lab Space Approximately 2,200 AMPS Distributed to Labs Most Labs Include Supplemental Cooling and Generator Emergency Power
	Distributed Antenna System for Emergency Services Throughout Building	N/A	
	Basket Tray Low Voltage Wire Management System Installed Throughout Building	N/A	