

HANDS ON #4

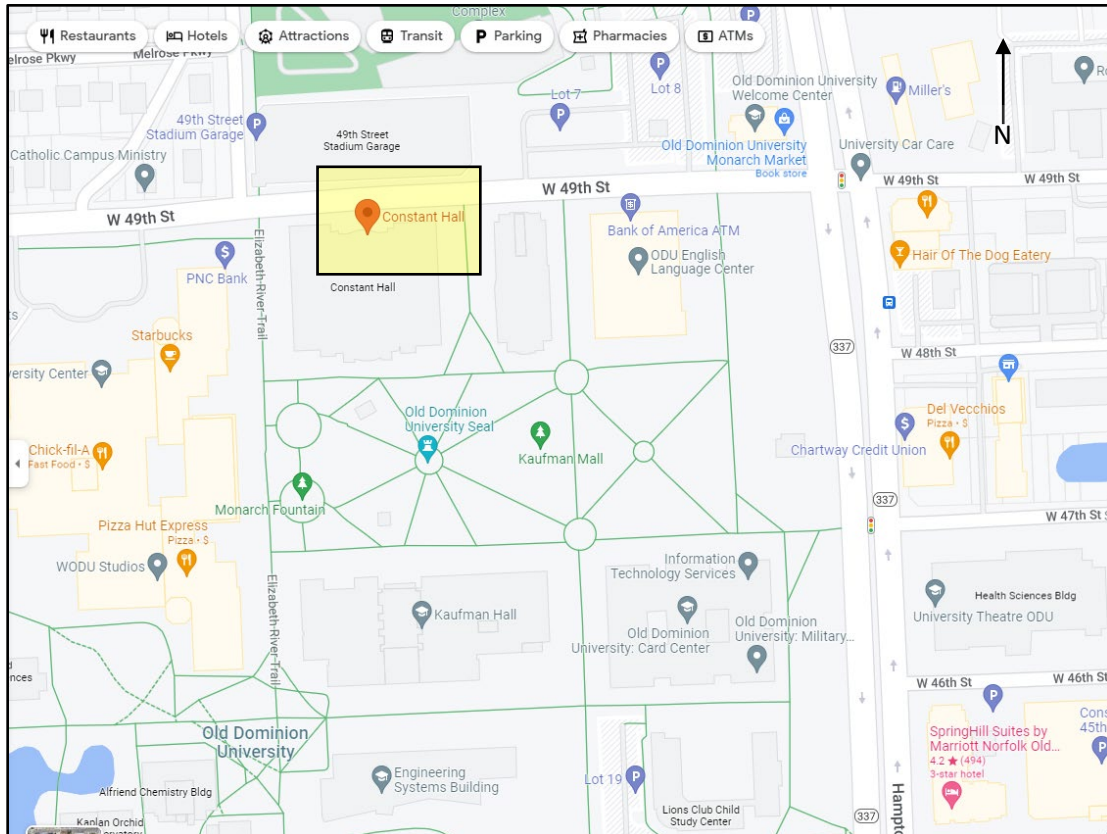
Business information:

Constant Hall address: 2101 Constant Hall, Norfolk, VA 23508

Located on campus at Old Dominion University

Phone Number: (757) 683-4603

General map of the location:



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Equipment and supplies needed to build network in Constant Hall with core and workgroup switches:

Enterprise Core Switch (Main switches manages all other switches) = 1

Core Switch (floor specific) = 5

Workgroup Switches (includes server switch) = 20

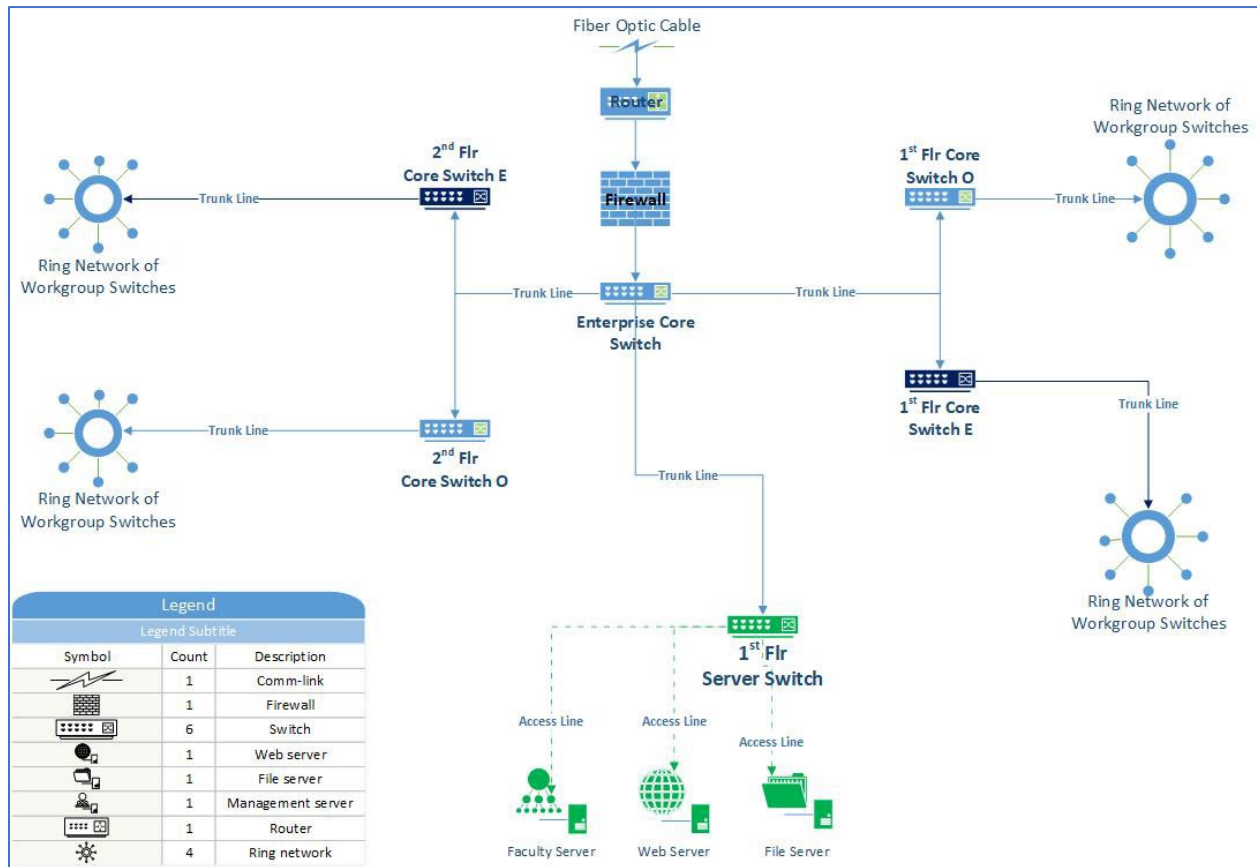
Price list of equipment

Equipment and cost				
Device	Product Name	Total Needed	Cost Each	Total Price
Switches	<u>TP-Link 24 Port gigabit PoE switch 24 PoE+ Port @192W, w/ 4 SFP Slots Smart Managed Limited Lifetime Protection Support L2/L3/L4 QoS, IGMP and LAG IPv6 and Static Routing (T1600G-28PS)</u>	26	\$349.95	\$6,649.05
Sub-total				\$6,649.05
Tax (0.06 x sub-total)				\$398.94
TOTAL				\$7,047.99

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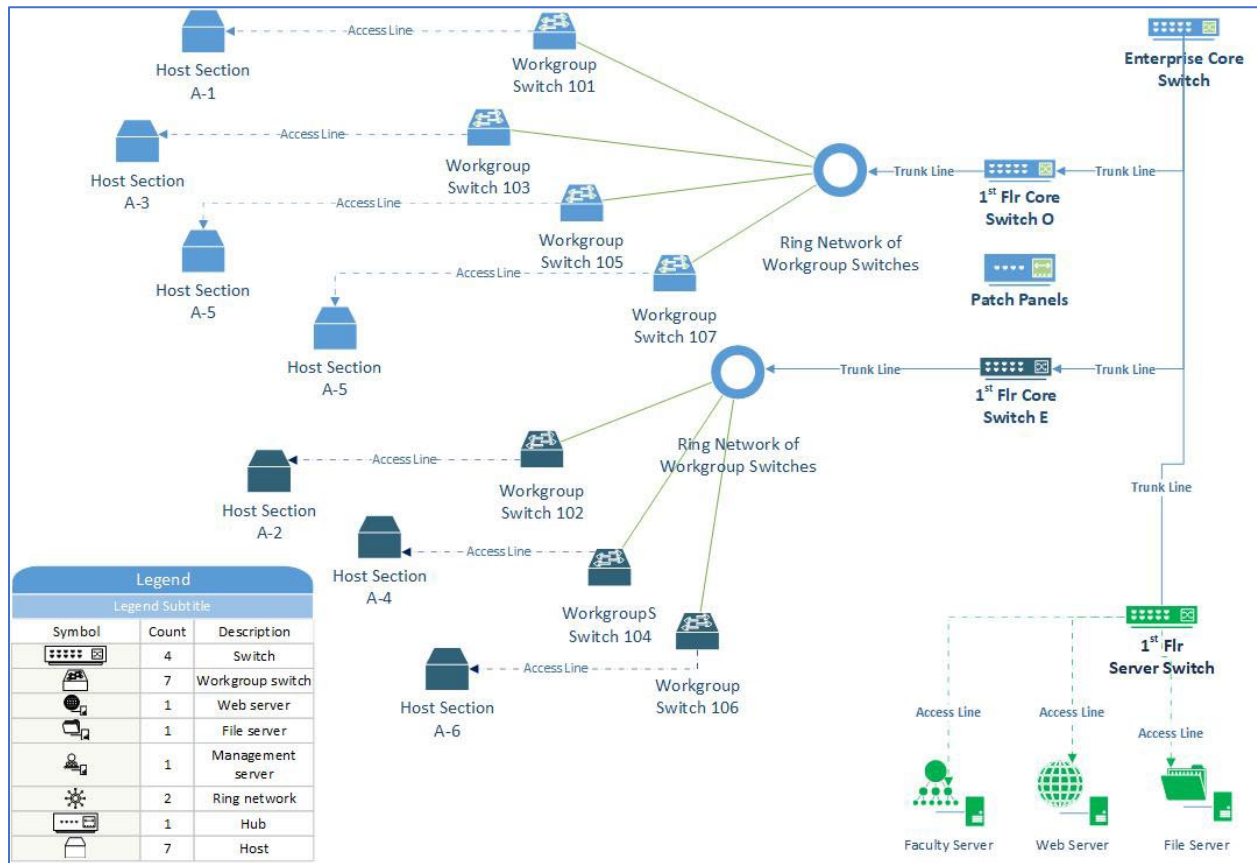
Constant Hall Switch Network Diagram Plan

Macro-Diagram



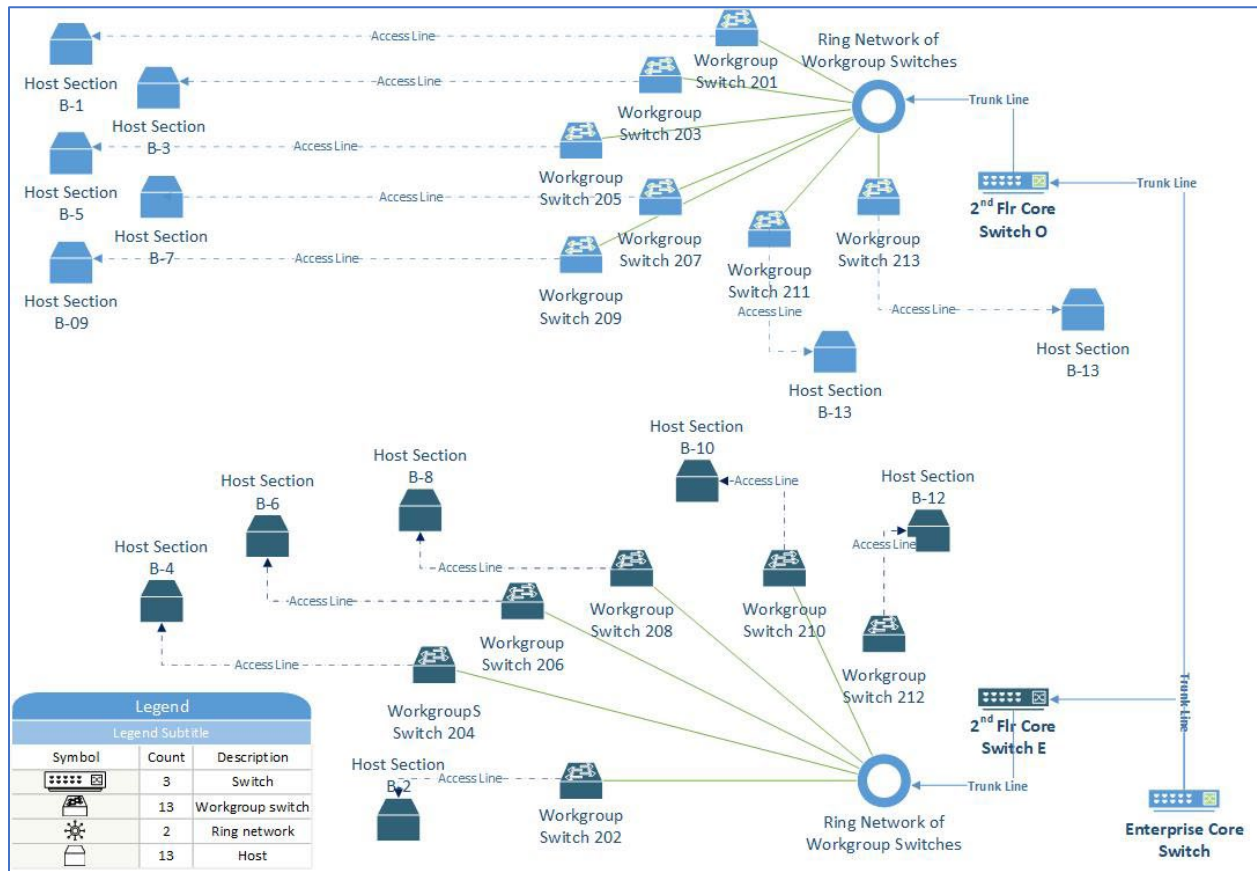
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1st Floor Switch-Diagram



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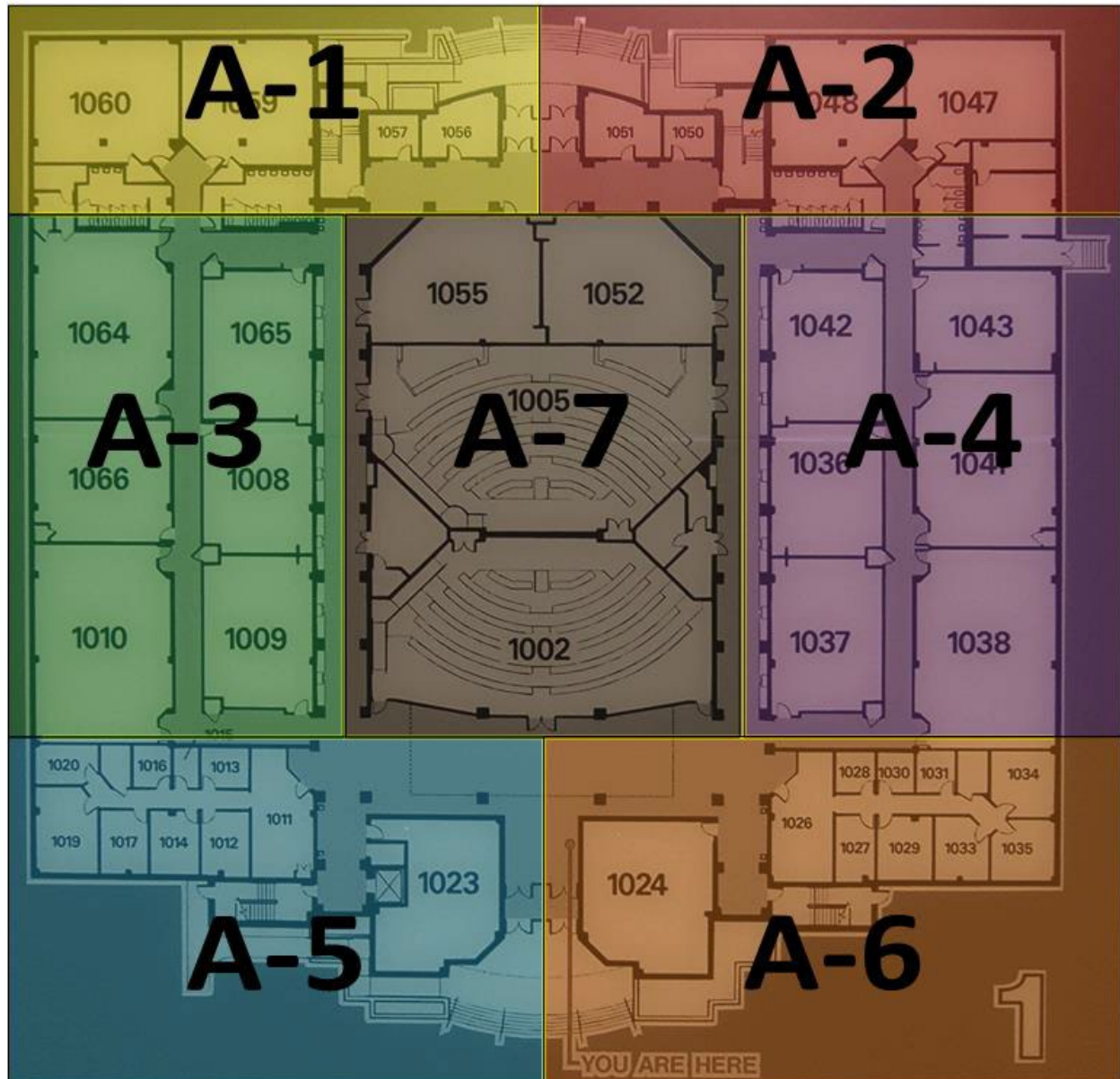
2nd Floor Switch-Diagram



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Constant Hall Assigned Workgroup Host Sections

1st Floor



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2nd Floor

