

ENCLAVE OPTION C with VIDEO CONFERENCE

OVERVIEW

- ☐ Non-bookable collaboration space with Video Conferencing for 4-5 people
- ☒ Users can connect to a meeting using Poly's Device Mode functionality (BYOD)
- ☒ Power charging available for connected laptops
- ☐ 100% of enclaves per-floor should have video conferencing equipment
 - ☐ Alternate option if video conferencing is not possible: [Enclave Option C](#)
- ☐ Apply to this space type as defined in Work Your Way:
 - ✓ Enclave Option C

SIZE

- Approx 120 sq ft / 11 sq M

DISPLAY

- ❑ Single 50"- 55" (127 - 139.7 cm) Samsung Slim Direct-Lit LED Display
- ❑ Display recommended sizing and viewing distances are available [here](#)

ROOM CONTROL

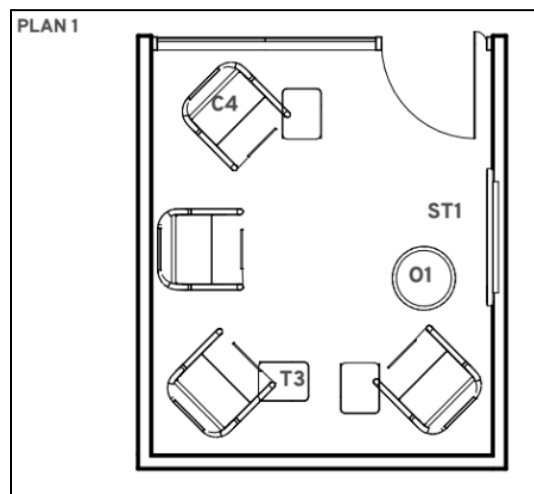
- ❑ All room functions are set using the Poly TC8 Touch control tablet (speaker volume, video layout selection, camera selection)

CONNECTIVITY

- ❑ Presentation cable to be passed through the wall grommet
- ❑ Presentation cables should be long enough to be used from each seat around the table or in the room. 15' USB-C cable is recommended (**Kramer CA-U32 FF**)
- ❑ The Kramer KDOCK-5 needs to be configured with firmware version 0a.01.05.77 or higher
 - ❑ [KDOCK-5 firmware update process](#)

CONSIDERATIONS

- ❑ The placement of audiovisual and data wall plates should be determined by credenza height and whether or not the credenza utilizes a table box to deliver audiovisual equipment and power to the table surface.



HARDWARE LIST

The “MODEL” column contains the standard device names to be used in all project documentation like the project quotes, inventory, and schematic designs.

QTY	MAKE	MODEL	DESCRIPTION
Video Equipment			
1	Samsung	Current Standard Display	50”- 55” (127 - 139.7 cm) Samsung Slim Direct-Lit LED Display
1	Chief or similar	LTM Series	Large Fusion™ Micro-Adjustable Tilt Wall Mount provides low-profile, fingertip tilt. We can use different wall mount manufacturers and models with similar specs to the Chief wall mount depending on the display size and weight.
NOTE FOR OPTIONS BELOW	2 ways to deliver data/power outlets - Chief Box - if using, store all data/power/equipment inside - Wall Plates - if using, the Chief Sliding Component Panel is an optional component to mount the audiovisual equipment.		
1 (Optional)	Chief	PAC526	Large In-Wall Storage Box - Back box used behind the display to mount data and power outlets and to house audiovisual equipment. Use this if NOT using wall plates for data/power
1 (Optional)	Chief	CSSMP15X10	Sliding Component Storage Panel - Optional component to house audiovisual equipment. Use this ONLY if using wall plates for data/power. Recommended for display sizes 55” and above.
1	Poly	Poly Studio x30 & TC8-Touchscreen (83Z46AA)	Video Bar Collaboration System & Intuitive Touch Interface for Poly Studio X Family
1	Poly	Studio X30 Wall mount (875L6AA)	Poly Studio X30 Optional Mounting Kits, includes one each of the following: Vesa Mounting Kit, and Wall Mounting Kit. Compatible with the Studio X50
1	Kramer	KDOCK-5	USB Hub Multiport Adapter
1	Lenovo	65W Charger	65 watt laptop charger
Wall Plate			
1	Midlite	Midlite Wall plate	Single Gang Wireport Cable Pass Through Wall Plate with

		w/grommet or similar	Grommet and Single Gang Wall Mounting Bracket Device
Cables			
1 Appropriate length for table See Note Below	Kramer	C-MHM/MHM-3 C-MHM/MHM-6 C-MHM/MHM-10 C-MHM/MHM-15 C-MHM/MHM-25	Flexible High-Speed HDMI Cable with Ethernet 0.9-7.6m (3-25ft) Color - Gray Part numbers: 97-0131003, 97-0131006, 97-0131010, 97-0131015, 97-0131025
1	Kramer	CA-U32/FF (Active 15 ft.)	USB 3.2 GEN-2 Full Featured USB-C (M) to USB-C (M) Active Cable
1	Kramer	C-U32/FF (Passive 3 ft.)	USB 3.2 GEN-2 Full Featured USB-C (M) to USB-C (M) Cable
For all Visible / Accessible AV VLAN Data port	Panduit	PSL-DCPLRE-BL-C	Recessed RJ45 plug lock-in device All the visible and accessible AV VLAN data ports should be locked using the Panduit PSL-DCPLRE-BL-C device on both ends of the patch cable. Please make sure to keep 2-3 lock tools at each site for support.
For all Visible / Accessible Unused Data port in the meeting space	Panduit	PSL-DCJB-IW	Connector Jack Module Blockout Device For RJ45 Jacks All the visible and accessible unused data ports in the meeting space should be blocked by this adapter. Please make sure to keep 2-3 removal tools at each site for support.

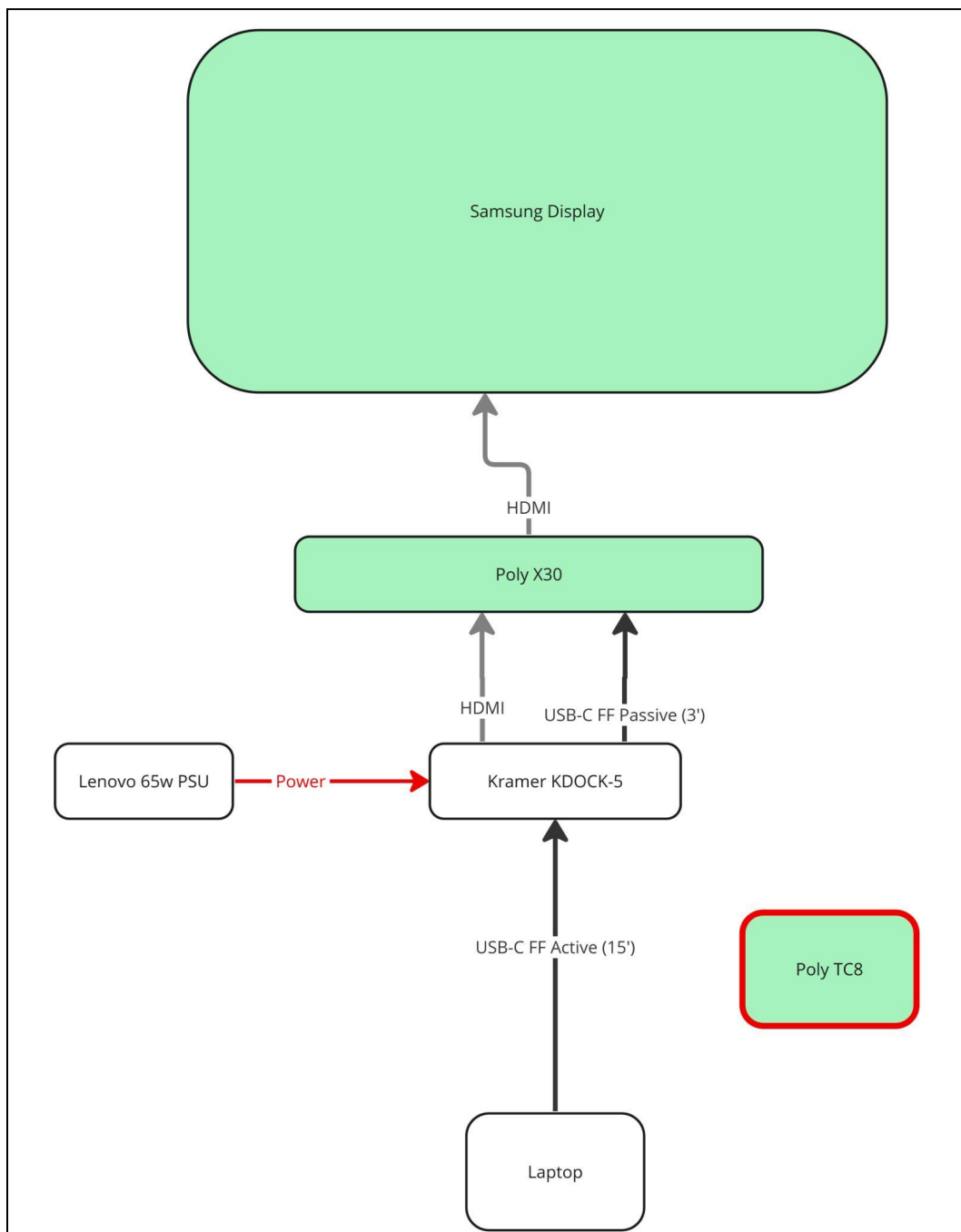
***NOTE: The lengths and number of HDMI and AV cables is to be determined by the integrator per-project.**

DATA & POWER

QTY	LOCATION	DESCRIPTION
DATA - SEE NOTES BELOW		
3	Behind display	Display, Poly X30 + 1 spare
2	Behind Credenza	Poly TC8 + 1 spare
POWER for AV Equipment only		

4	Behind display	Display, TP-580Rxr, Poly X30 + 1 spare
2	Below table	DIP-20 HDBaseT data (mounted below the table), spare

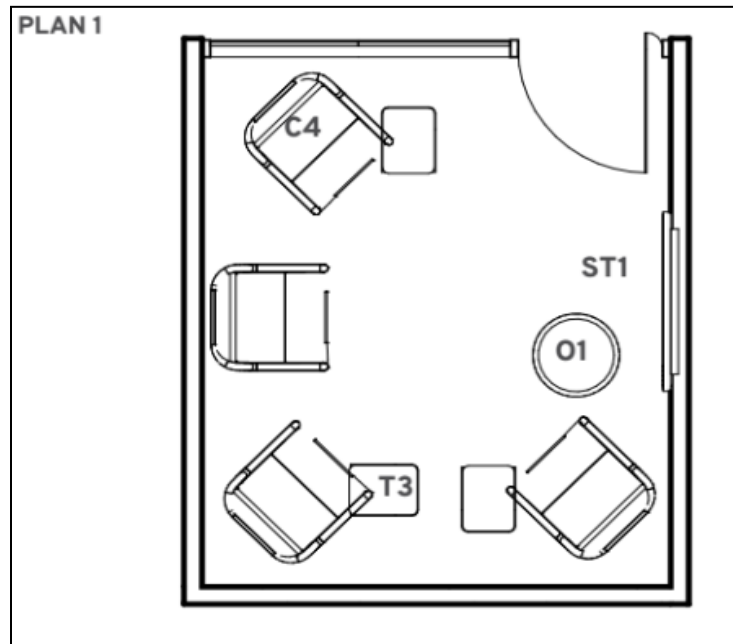
SCHEMATIC DESIGN OPTION C



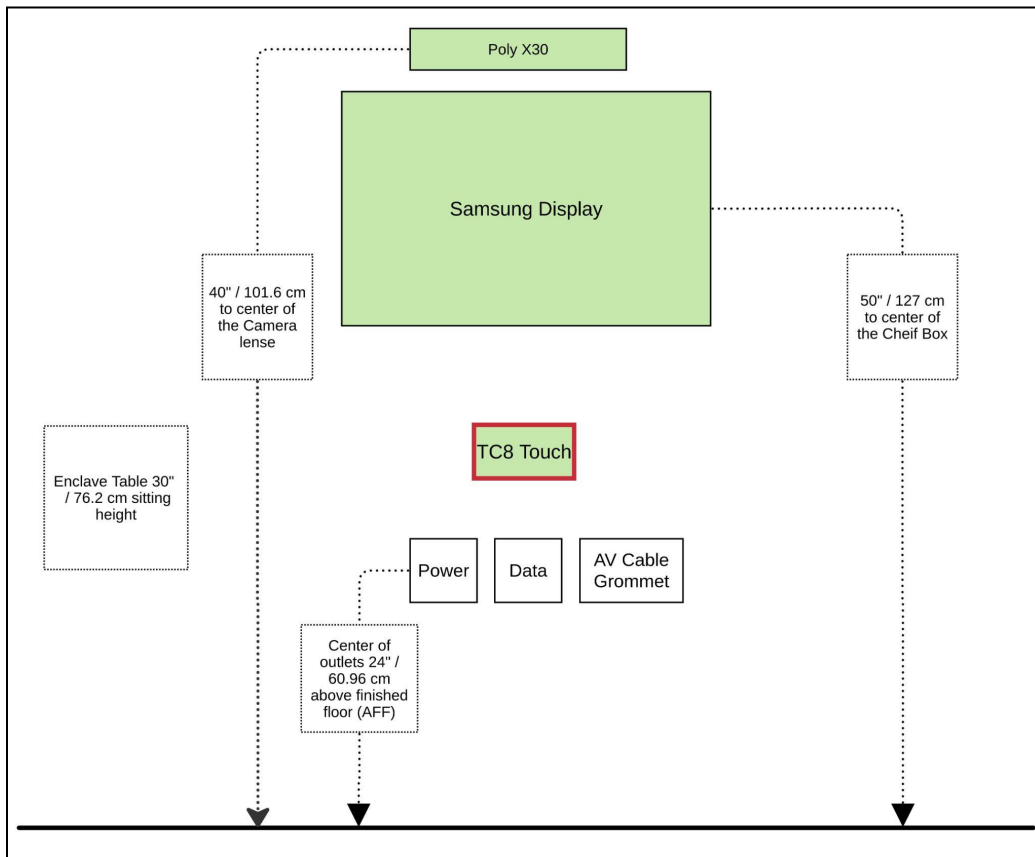
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LOW LEVEL PLAN - OPTION C

*This is only an **example** and should be fit to the new space sizes



SCREEN WALL ELEVATION



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KDOCK-5 CONNECTION MATRIX

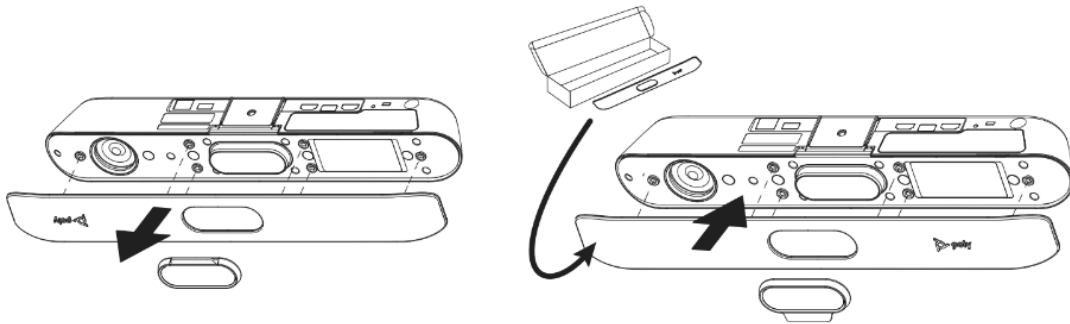


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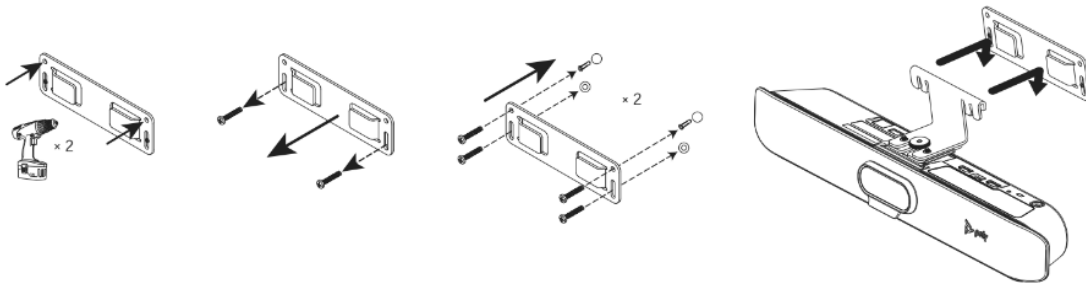
- Elevations for all AV components to be determined per-room and validated with Red Hat IT
 - APPROXIMATE AV ELEVATION HEIGHTS
 - Center of Chief box: 50" (127cm)
- NOTE: If wall plates are used, mount center of wall plates 6" (15cm) below the published center of the Chief Box to ensure access for support is maintained??.
- NOTE: If using the Chief Sliding Panel, center the panel at the published center of the Chief Box. Mount the panel opposite any glass wall, as appropriate, to obscure the view of the panel.
- NOTE: If using Chief Sliding Panel ensure data and power cables are routed properly and allow for the panel to slide completely out for support.

X30 Below the display Wall Mount (Inverted Mount Option - Kit 2215-86512-001)

1. Inverted Front Panel needs to be replace



2. X30 Mount with input/output ports Towards the display, All the cables between the X30 and the back of the display should be hidden and protected with Cable snake.



3. Camera settings should be changed to Inverted orientation. (Check the configuration guide).

RED HAT IT - INTERNAL REFERENCES:

[Samsung Display Configuration Guide](#)

[Poly Studio X30/X50/X70/G7500 Configuration Guide](#)

[Poly Studio X Configuration Guide \(GMNA/Partner Mode\)](#)

[AV Port Patching Matrix](#)

* Please change default passwords for all AV equipment (except Poly and Yamaha) connected to the AV network (VLAN120) to the correct password found in the Workplace Technology Tier 2 password collection in Bitwarden.