



80 King Street, 2nd floor, St. Catharines, ON L2R 7G1

GO6553 - 250516 - Capservco (Softchoice) - St. Catharines

new office

ISSUE FOR: **DESIGN**

GENERAL NOTES:

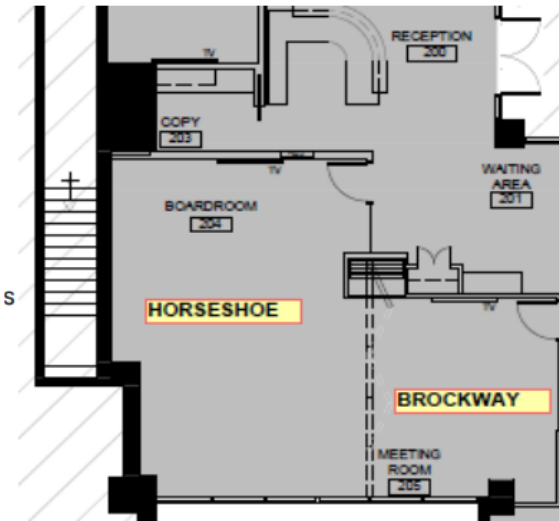
1. THIS DRAWING TO BE USED FOR THE PURPOSE OF LOCATION ONLY
2. THIS DRAWING IS **NOT TO SCALE**.
3. CLIENT TO APPROVE ALL LOCATIONS OF OUTLETS AND FLOOR DRILLING PRIOR TO WORK PROCEEDING. ALL OUTLETS ARE TO BE MARKED ON FLOOR SLAB PRIOR TO INSTALLATION.
4. ALL NEW OUTLETS, SWITCHES AND COVER PLATES TO BE DECORA TYPE, COLOUR WHITE, UNLESS NOTED OTHERWISE.



Doane Grant Thornton is refreshing their office meeting rooms located at 80 King Street in St. Catharines, ON.

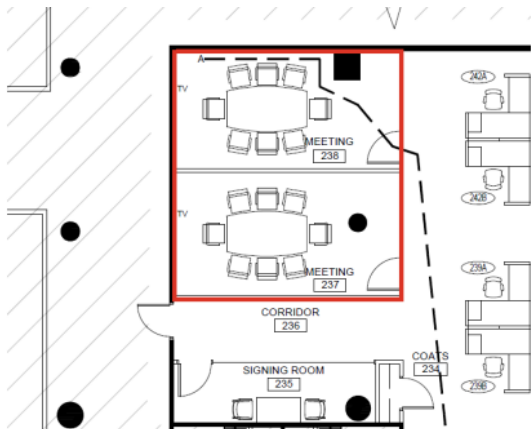
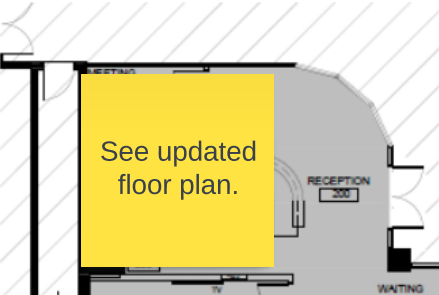
The rooms are :

- Horseshoe and Rockway is the main boardroom(s) in the space and can be combined or seperated by a divisible wall.
- Decew Room is smaller meeting room that requires Microsoft Teams functionality and a new display.
- Meeting Rooms 237 and 238 require larger screens and keep the existing Microsoft Teams Room Functionality.



2. CLIENT MEETING ROOMS (Continued)

- Decew Room
 - AV upgrades for new display and Teams equipment
 - Cosmetic refresh
 - New furniture
 - Better lighting



ISSUED - Design

DATE	DESCRIPTION
2025-05-16	AV Design v1
2025-06-17	AV Design v2
2025-0628	AV Design v3

SIZE: 11X17 (A3)
DESIGN BY: JFL
PROJECT #: GO-6553



80 King Street,
2nd floor
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L2R 7G1



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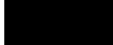


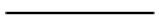
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AV Legend

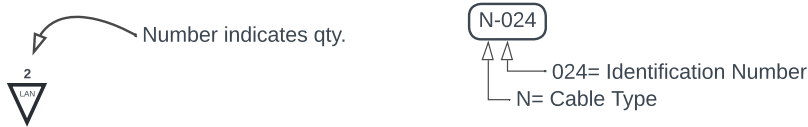
P.3

SYMBOL	DESCRIPTION
	Customer Furnished Equipment
	Partner Furnished Equipment
	New Equipment
	Quad Electrical Recepticle
	Dual Electrical Recepticle
	Corp LAN
	AV LAN
	Corp LAN PoE
	AV LAN PoE
	Other Connections
	Audio/Speaker Connections
	TV Connections
	USB Connection

CABLE COLOR LEGEND	
	VIDEO
	NETWORK
	AUDIO
	USB
	CONTROL
	OTHER

CABLE TYPE	
Temporary cable	
Permanent cable	
Track	

CABLE IDENTIFICATION TABLE				
DESIGNATION	DESCRIPTION	LENGTH	PURPOSE	COLOUR
A	AUDIO CABLE	VAR.	VAR.	BLACK
C	18AWG 1 PAIR SHIELDED	VAR.	VAR.	BLACK
D	NETWORK PATCH CABLE	VAR.		BLACK
H	HDMI CABLE	VAR.		BLACK
L	Network cable Linking 2 devices	VAR.	EXT.	BLACK
N	CAT6 4-PAIRS AWG23 (Plenum)	BULK	DATA DROPS	WHITE
S	18/2 Plenum Speaker Cable	BULK	SPEAKERS	WHITE
U	USB PATCH CABLE	6'	EXT.	BLACK



SYMBOL	DESCRIPTION
	Touch Controller
	Camera
	Speakers
	Microphone
	Display
	Wireless Antenna
	Booking Panel
	Laptop Connections



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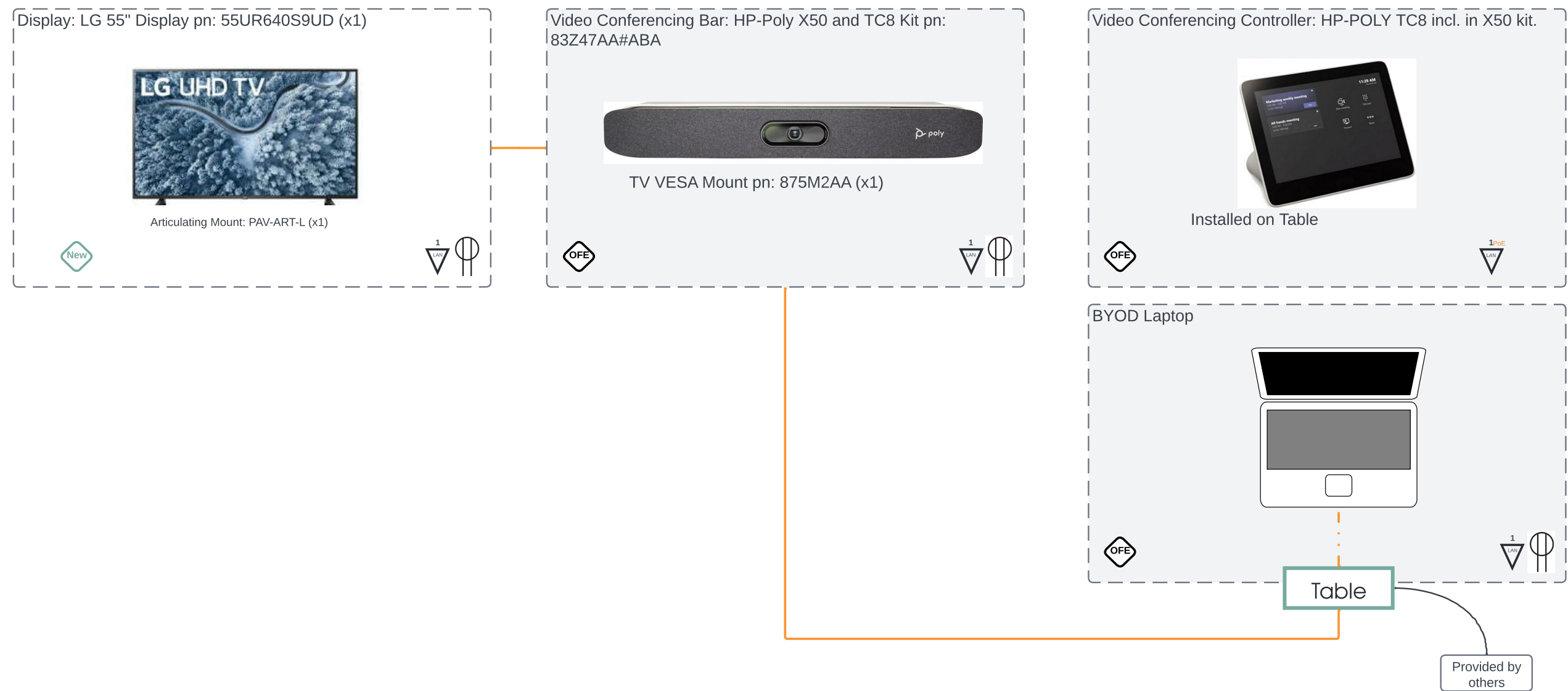
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Floor Plan

P.4



1	Room Type 1: Presentation Only
2	Room Type 2: Meeting Room
3	Room Type 3: Executive Boardroom
4	Room Type 4: Specialty Room
5	Room Type 5: LAN Room
6	Room Type 6: Cart



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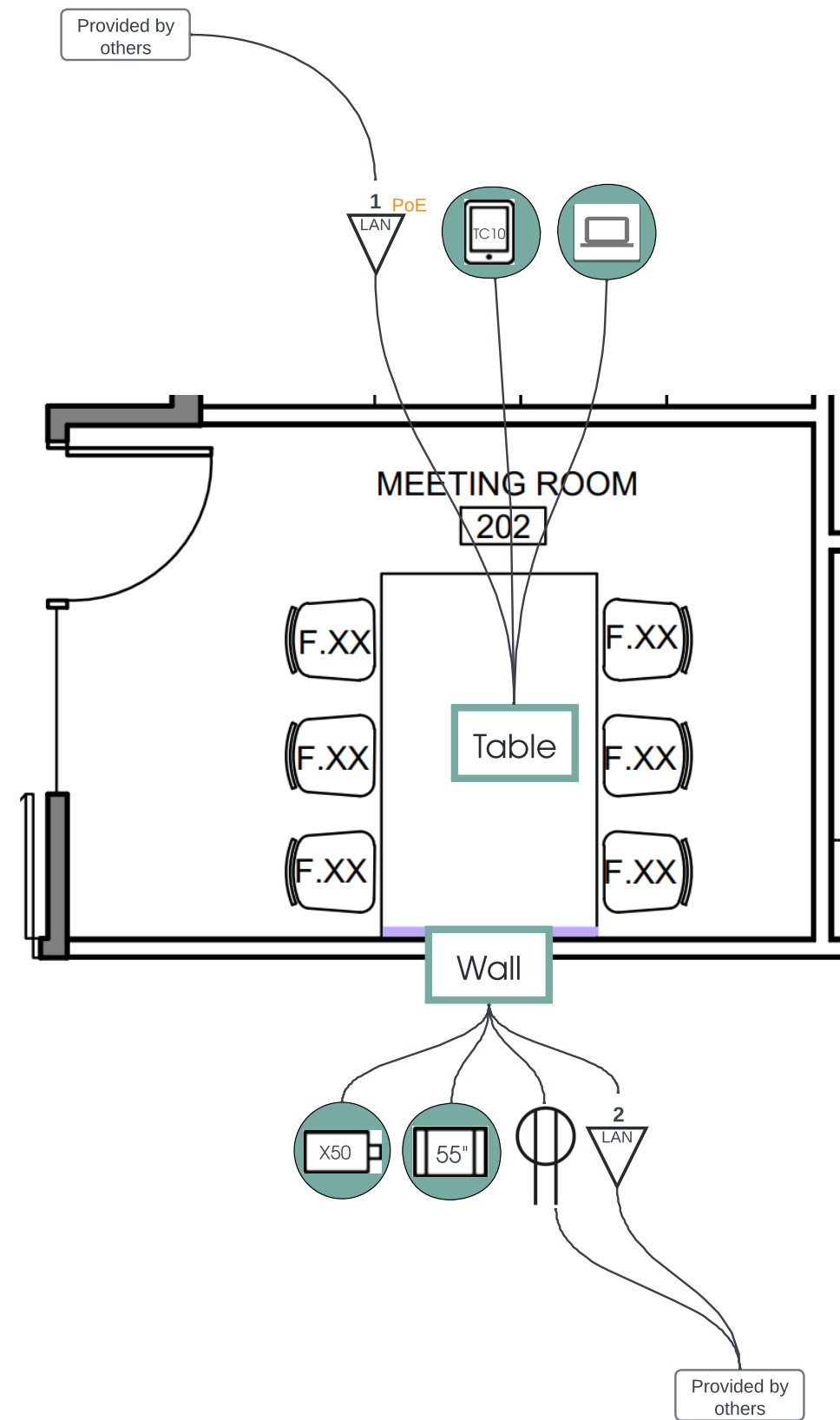
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T.2.a_FP

P.6





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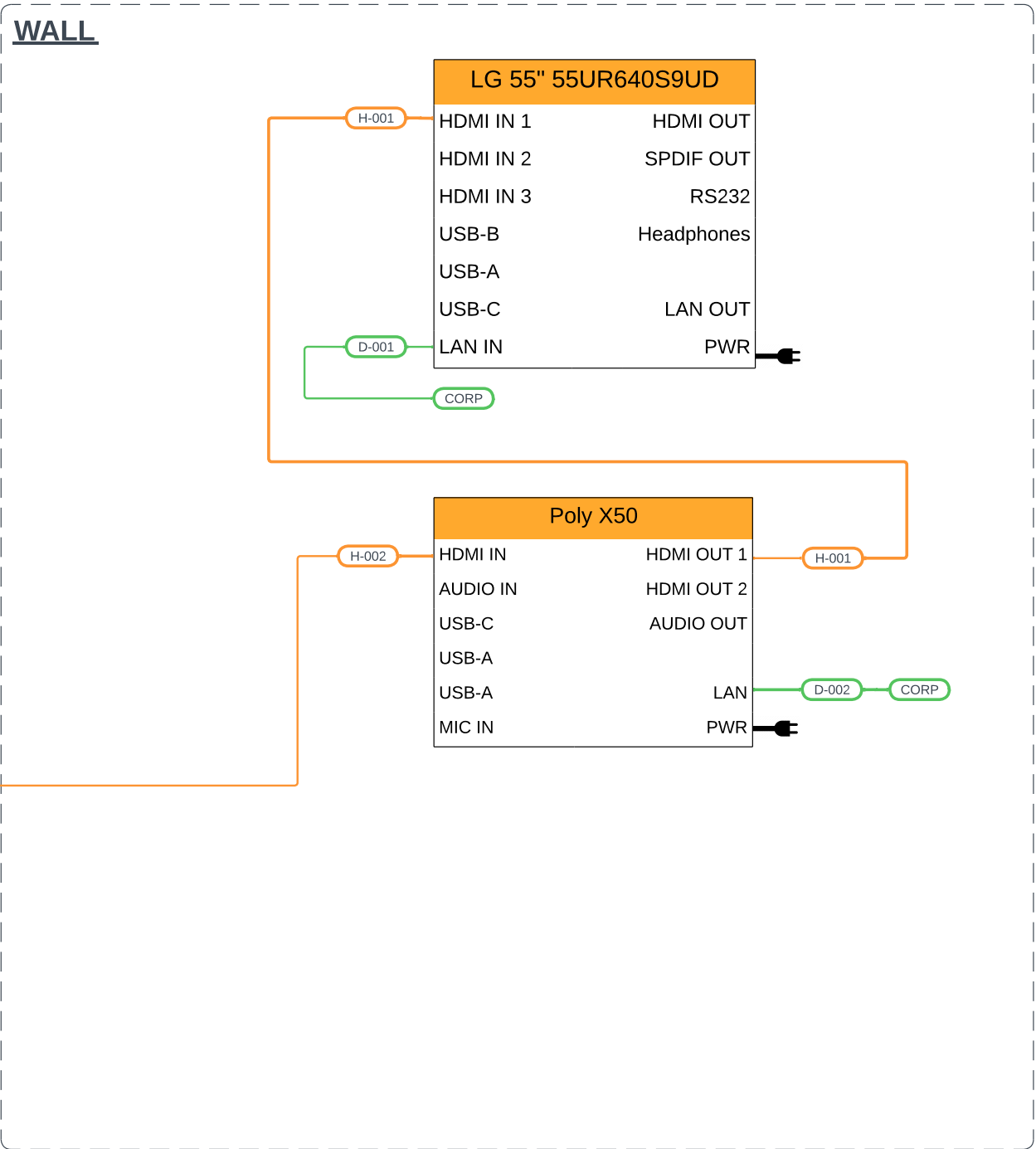
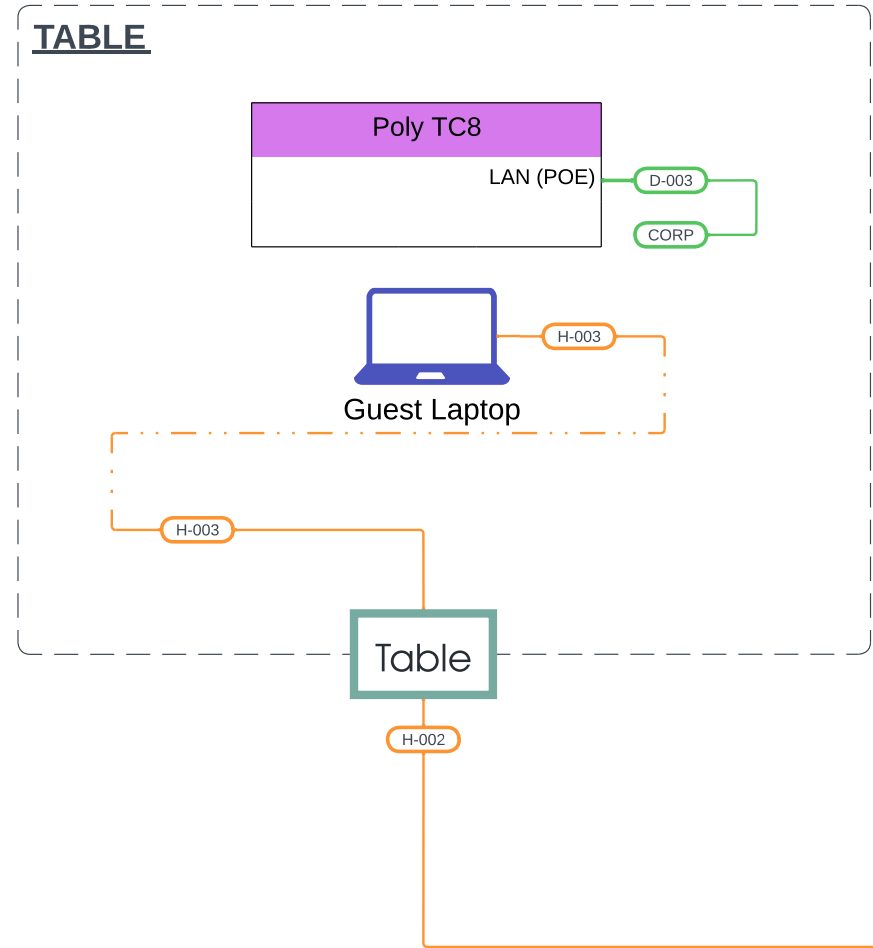
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T.2.a_WD

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CABLES	
H-001	HDMI Cable M-to-M, 2m
H-002	HDMI Cable M-to-M, 4m
H-003	HDMI Cable M-to-M, 2m
D-001	Cat5e Patch Cable, 2m
D-002	Cat5e Patch Cable, 2m
D-003	Cat5e Patch Cable, 4m
Misc.	TBD

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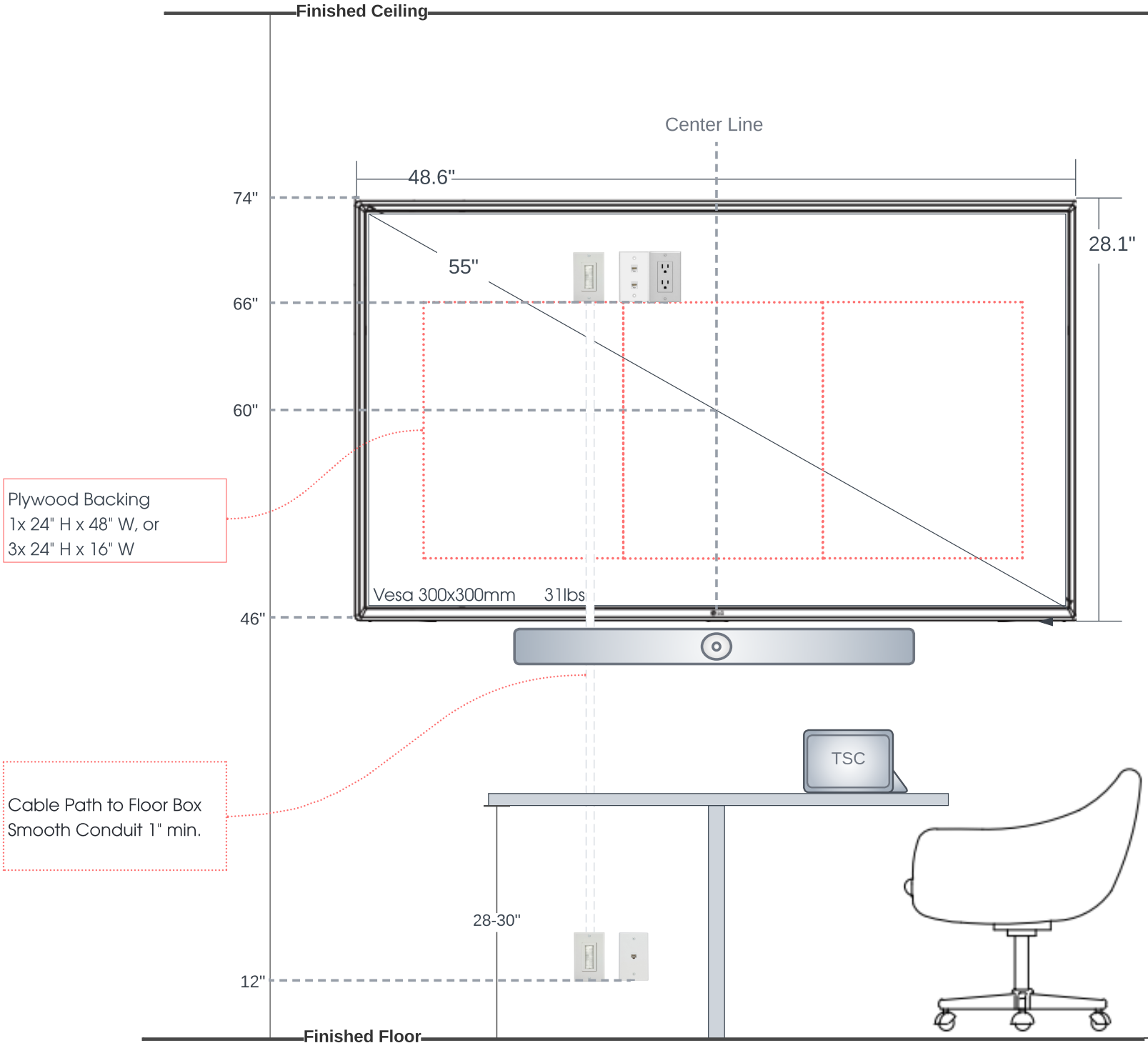
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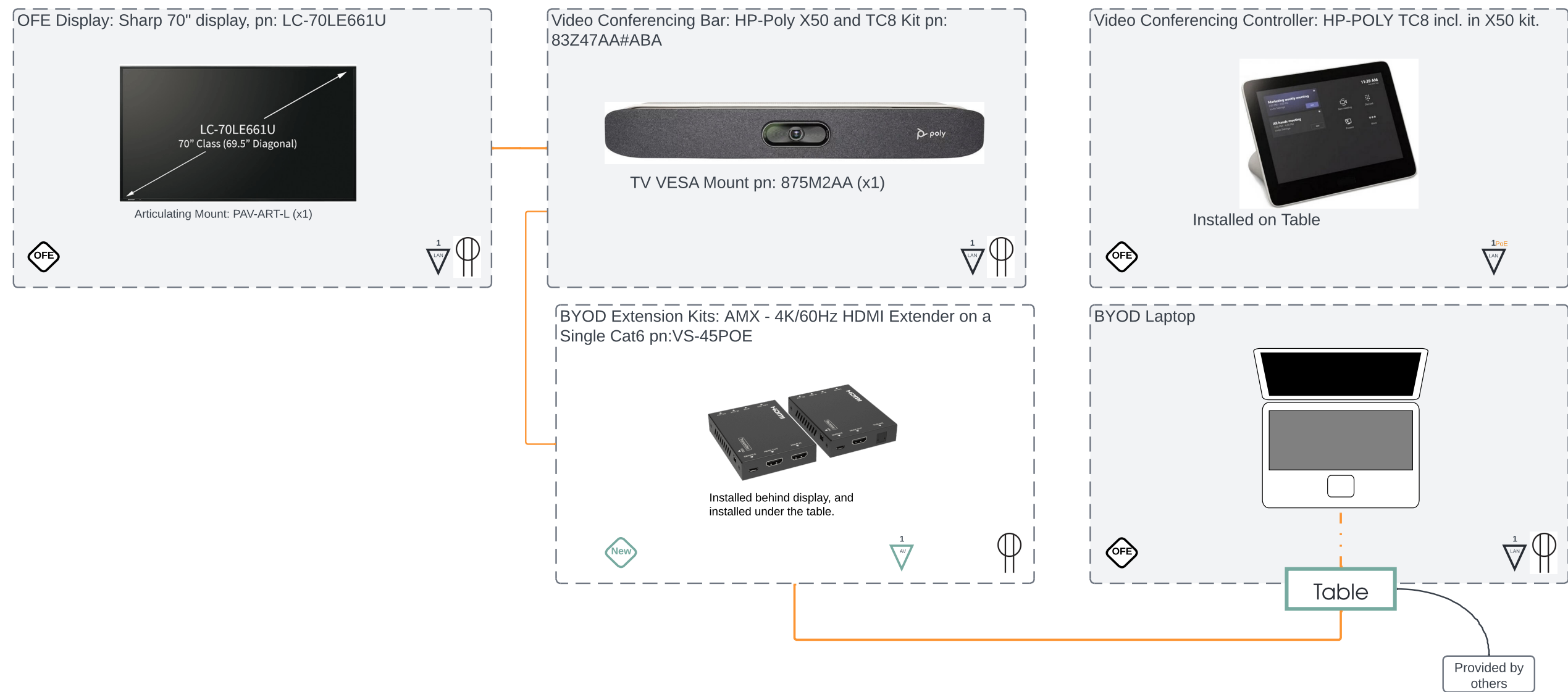
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- Installation Notes:**
- ▶ Display(s) are installed center of table.
 - ▶ Table Monument provided by furntiure vendor.



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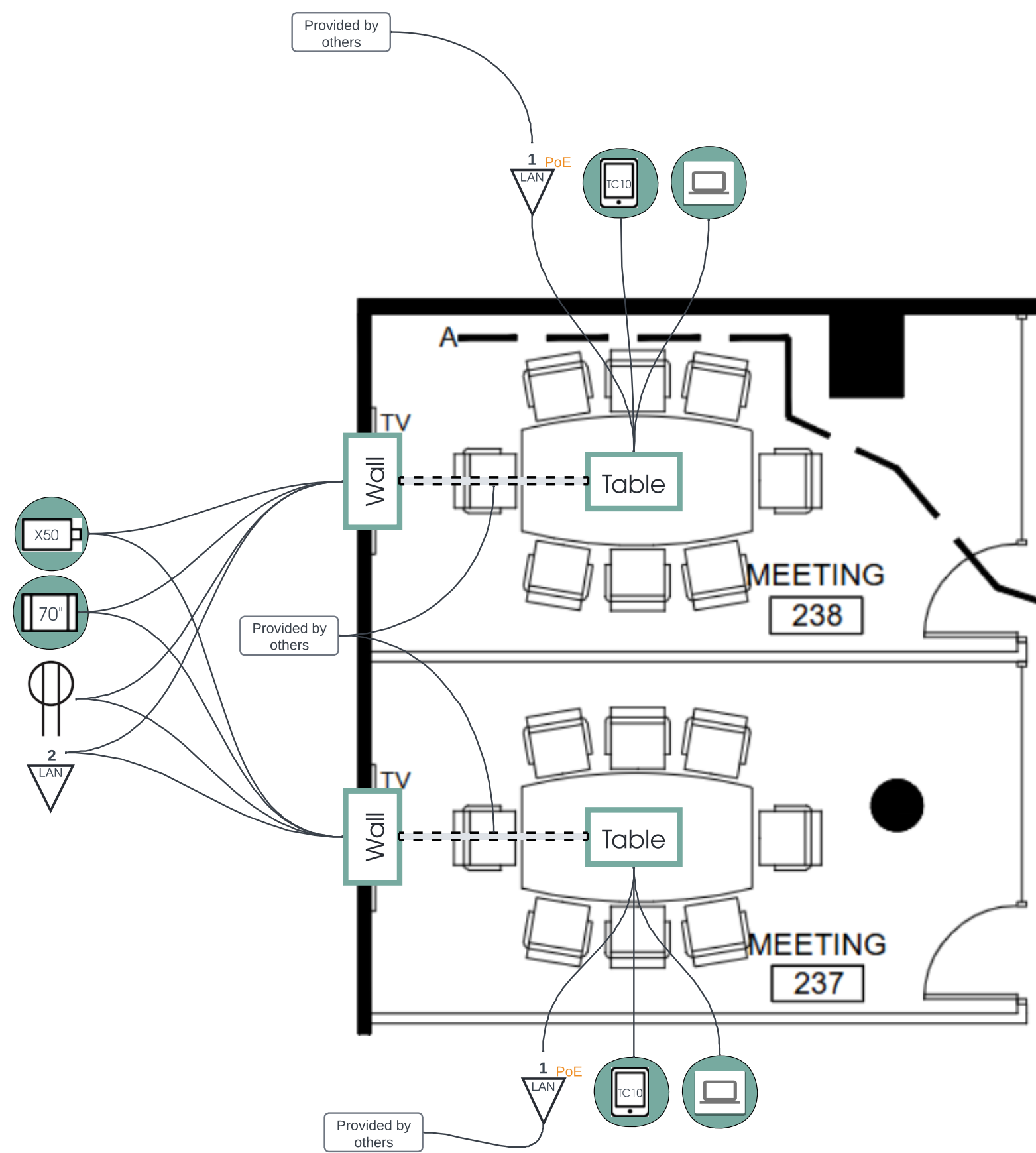
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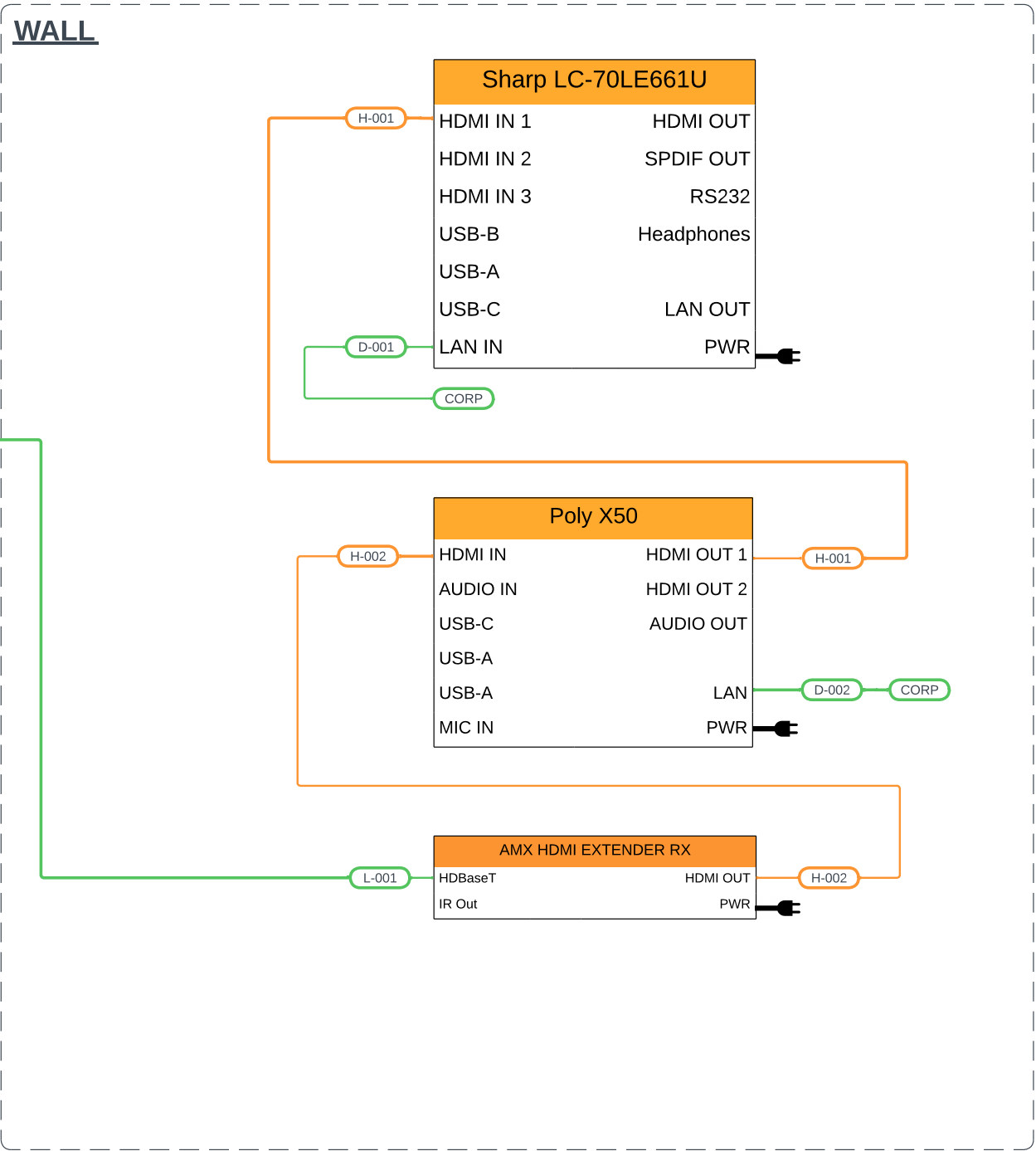
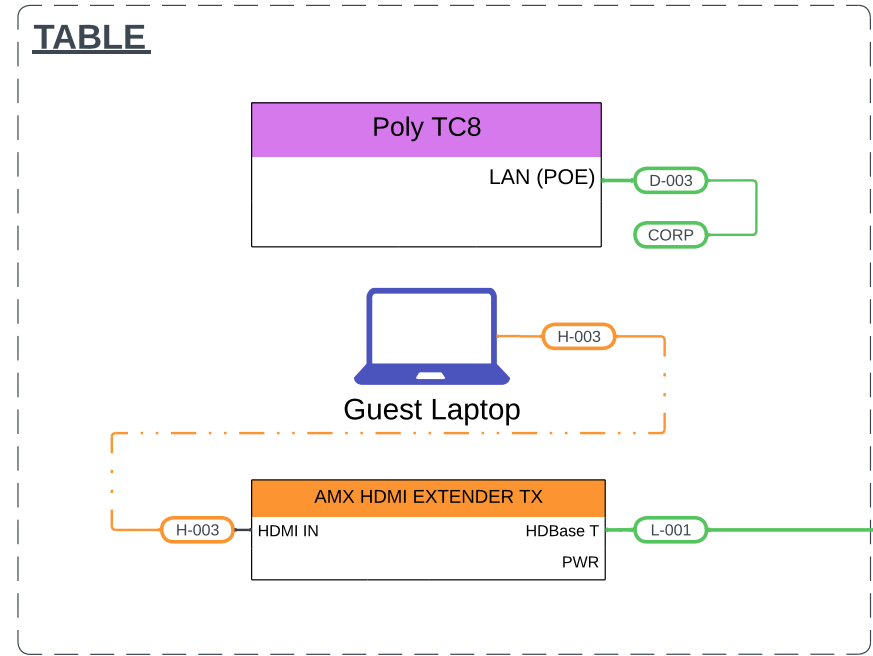
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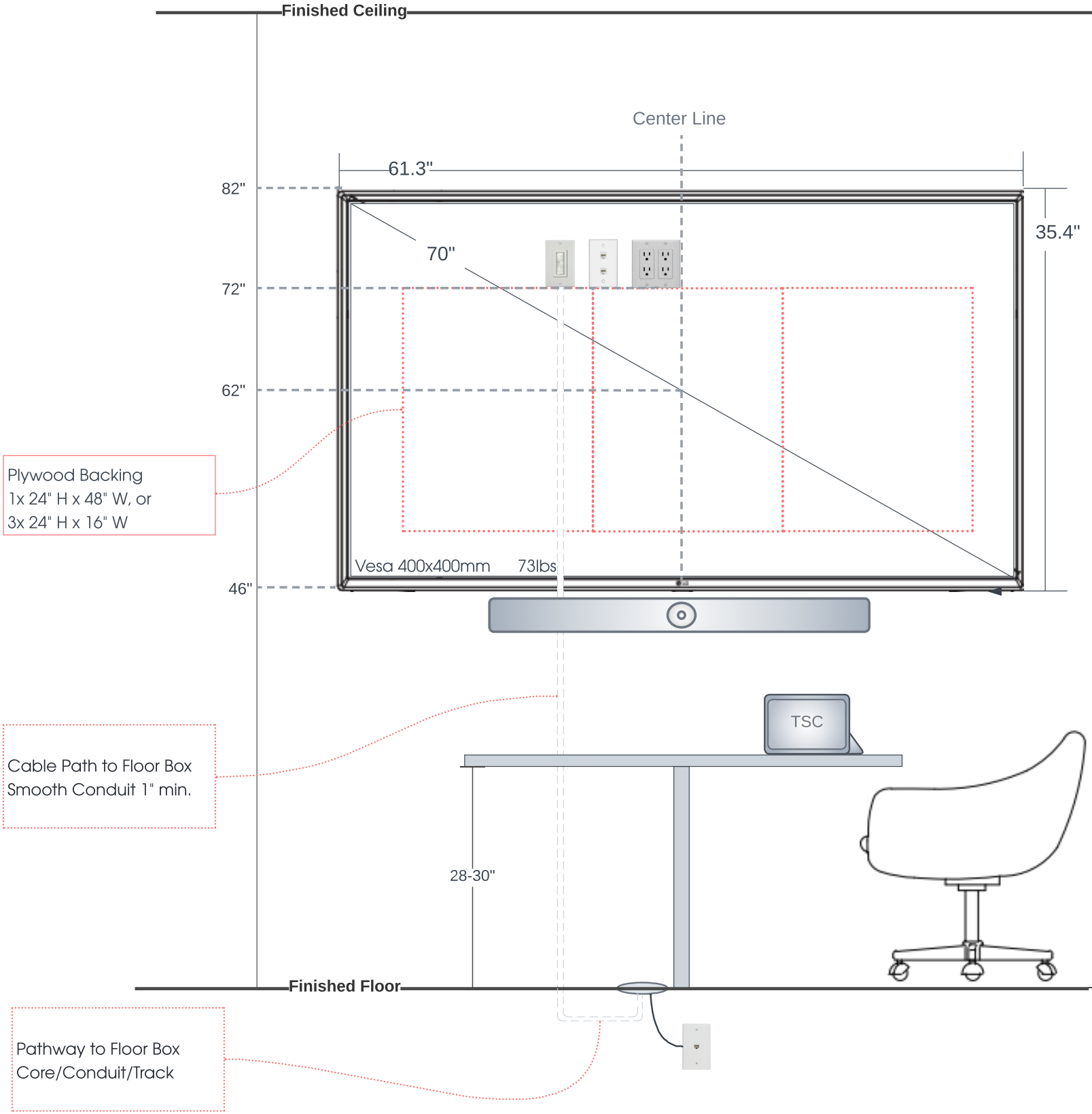
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T.2.b_WD

P.11



CABLES	
H-001	HDMI Cable M-to-M, 2m
H-002	HDMI Cable M-to-M, 2m
H-003	HDMI Cable M-to-M, 2m
L-001	CAT5e 4-PAIRS AWG23 PULL BOX CUSTON LENGTH
D-001	Cat5e Patch Cable, 2m
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Misc.	TBD



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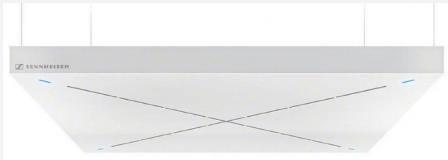
Display: LG -98" UHD Large Screen Signage Display, pn: 98UM5K-B(x1)



Fixed Tilt Mount: pn: XTM1U (x1)
Pop Out Accessory: pn: FCAXV1U (x1)



Microphone: SENNHEISER - TEAMCONNECT CEILING 2 microphone, pn: 509178 (x1)



Installed against drywall ceiling:
pn: 506846



Ceiling Speakers: 4x Biamp PN: CM20DTS



CODEC Kit : HP - POLY STUDIO BASE KIT G9 PLUS FOR MICROSOFT TEAMS HP MINI IP PC W/TC10, pn Incl in Kit (x1)



Installed on Conference Table



HDMI Distribution: KRAMER - 1:2+1 4K60 4:2:0 HDMI to Long-Reach HDBaseT DA, pn: VM-2HDT (x1)



Rack Mount Adapter, pn: RK-T2B-B



OFE Camera: Poly e70 Camera, pn: 842F8AA (x1)



Wall Mount Included.



Wireless Presentations: OFE Barco Clickshare CS-100



Installed in AV Rack.



CODEC Kit : HP - POLY STUDIO BASE KIT G9 PLUS FOR MICROSOFT TEAMS HP MINI IP PC W/TC10, pn A3LU8AA#ABA (x1)



Installed in AV Rack.



Amplifier: Biamp Voltera A 300.2, 2-channel amplifier pn: A 300.2



Installed in AV Rack.



Dividing Wall Sensor: Crestron - Partition Sensor, pn: GLS-Part-CN (x1)



DSP and Control: 1x QSYS Core 8-Flex pn: CORE8-flex,
1x Q-SYS Core licence for Microsoft Teams Room software pn: SL-MST-8N-P
AV Network Switch: Netgear M4250 12 ports POE+ pn: M4250-10G2F-POE+



Installed in AV Rack.



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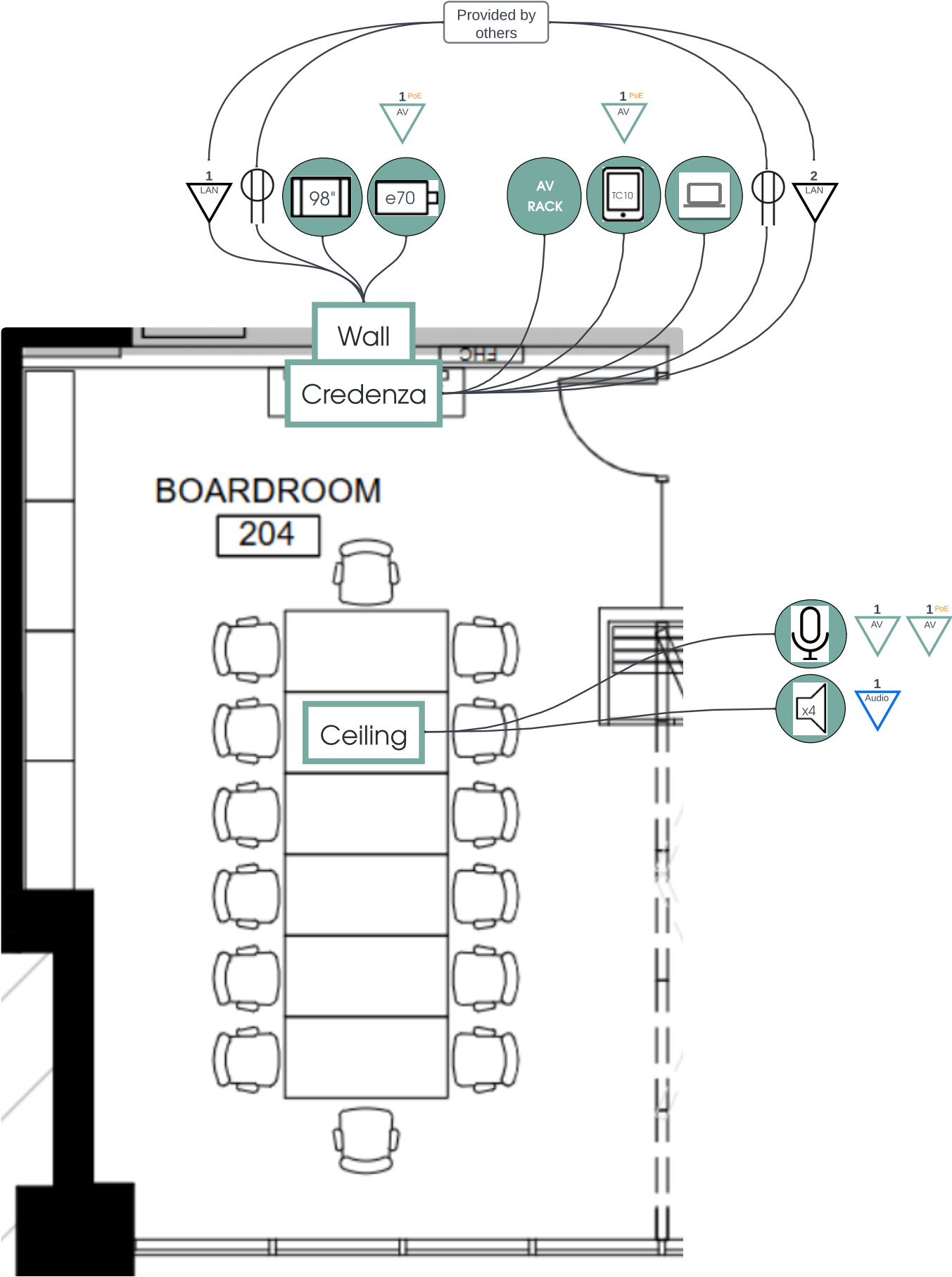
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T.3.a AV Design

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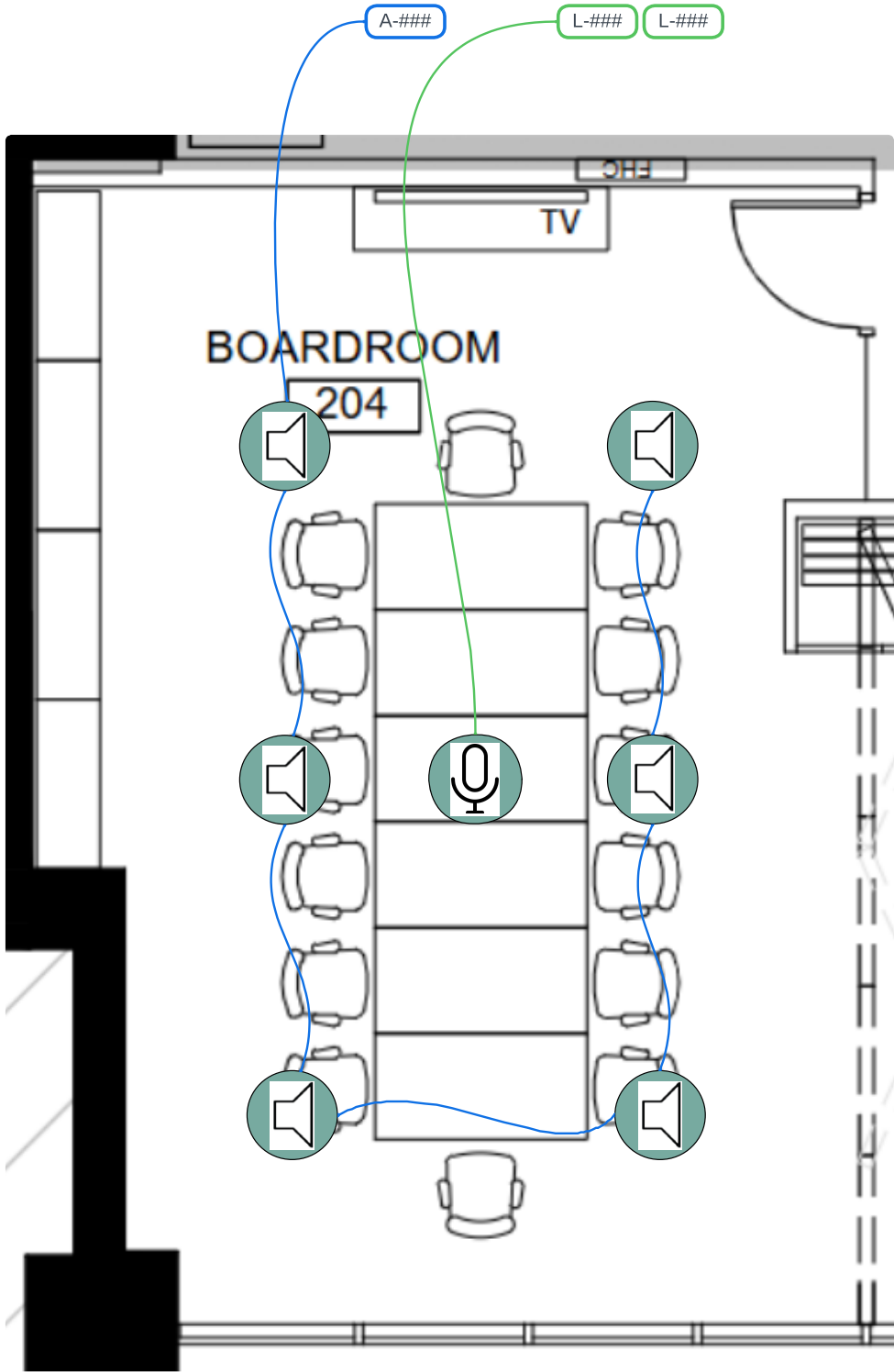
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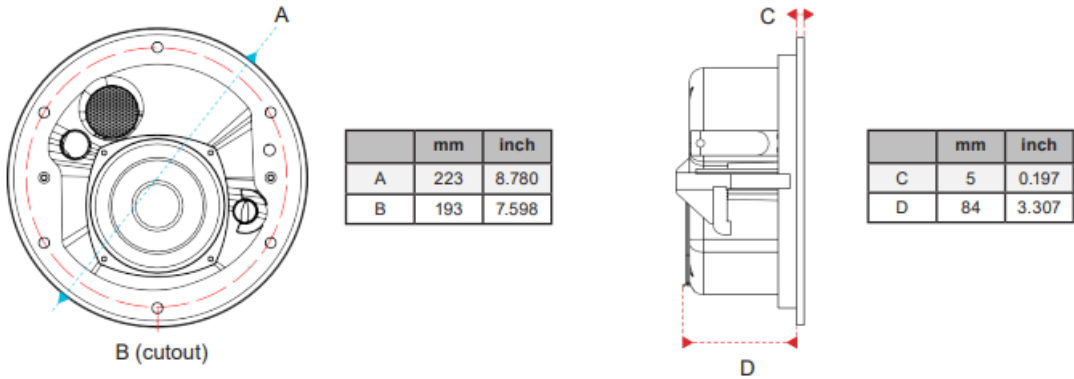
80 King Street,
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T.3.a_RCP

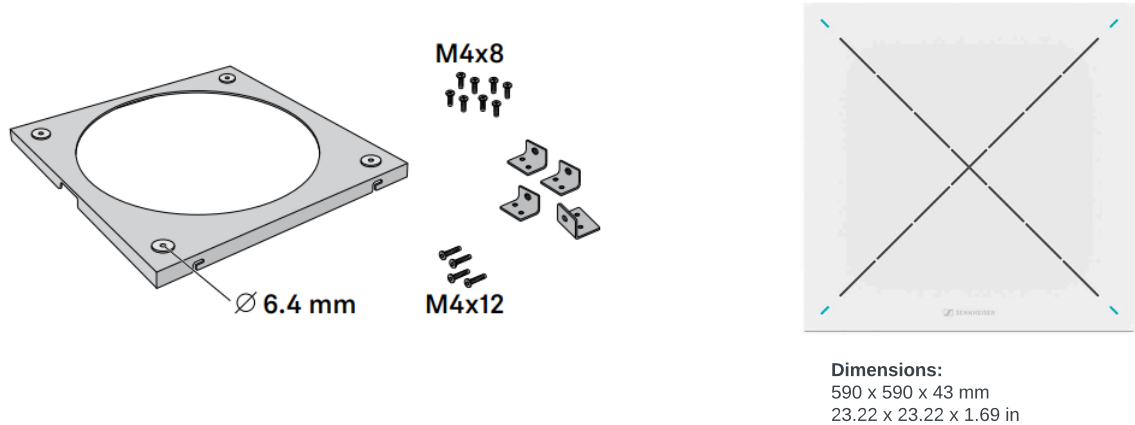
P.15



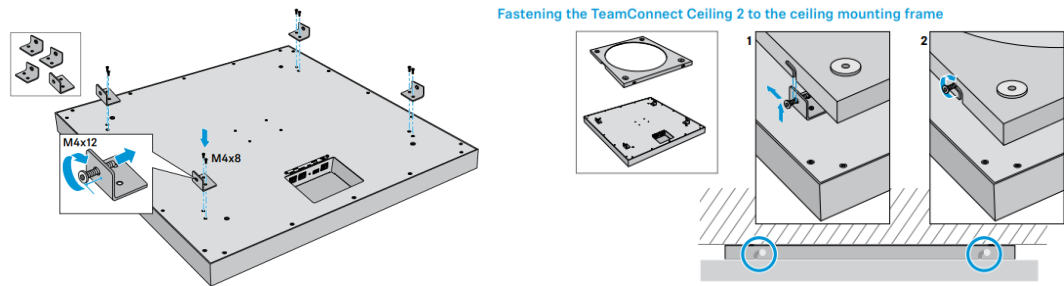
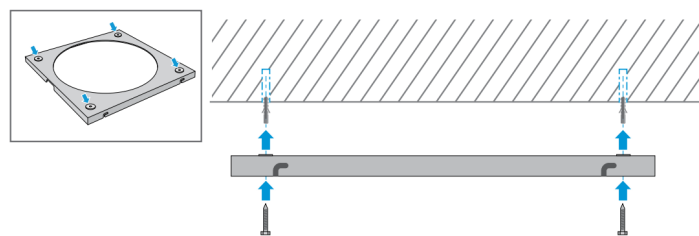
Dimensions - CM20DTS

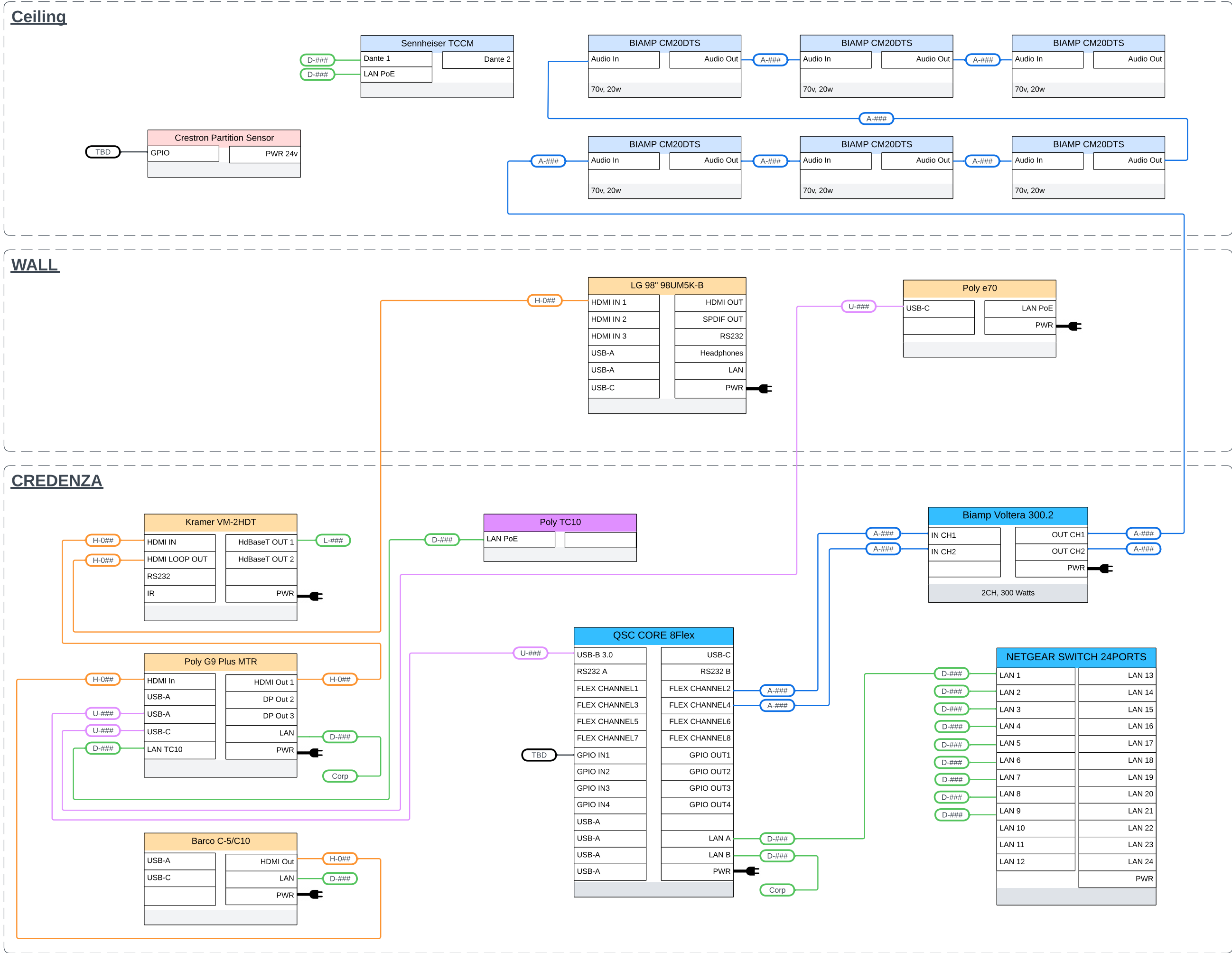


Sennheiser Variant 2: mounted directly below the ceiling



Mounting the ceiling mounting frame





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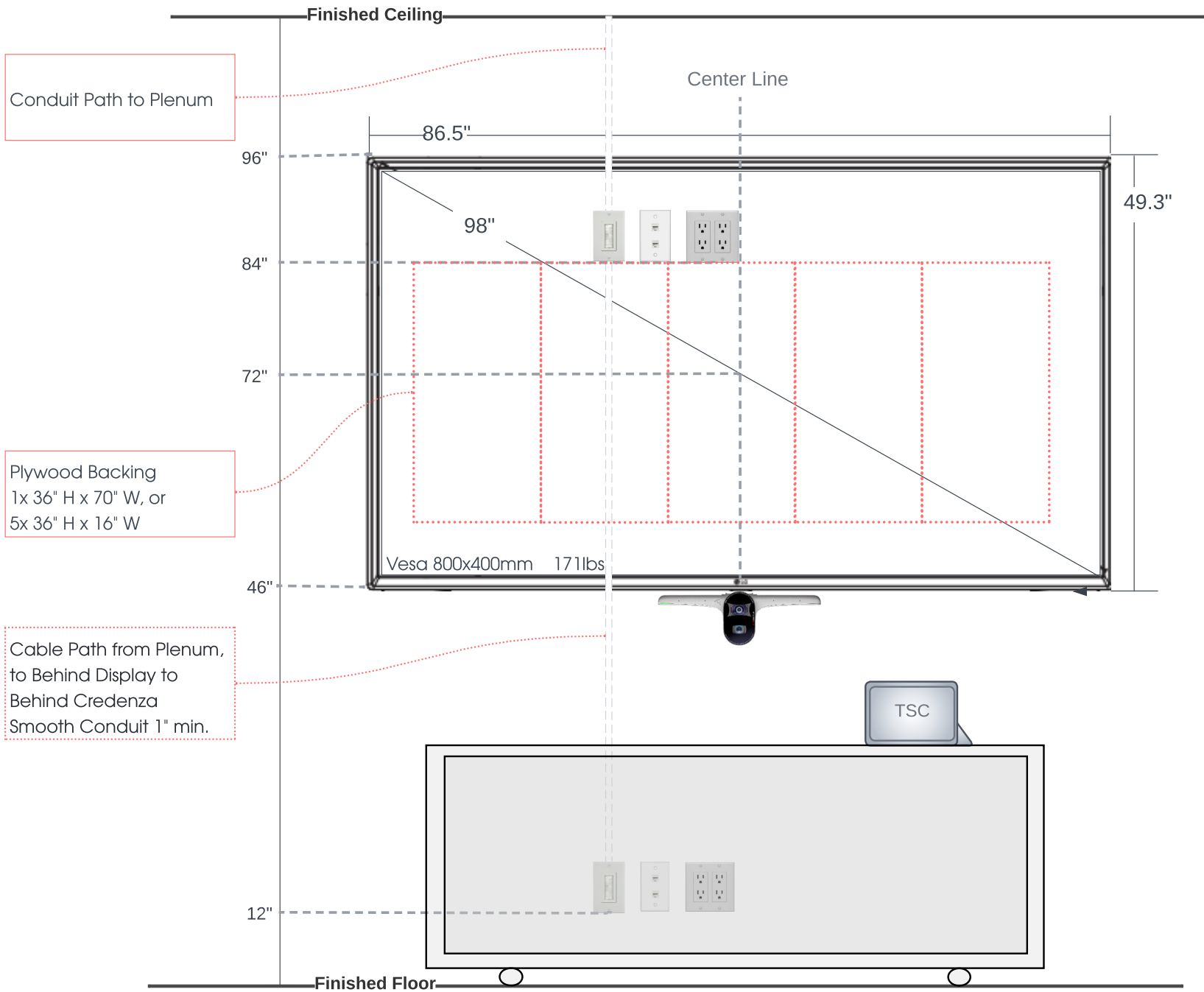
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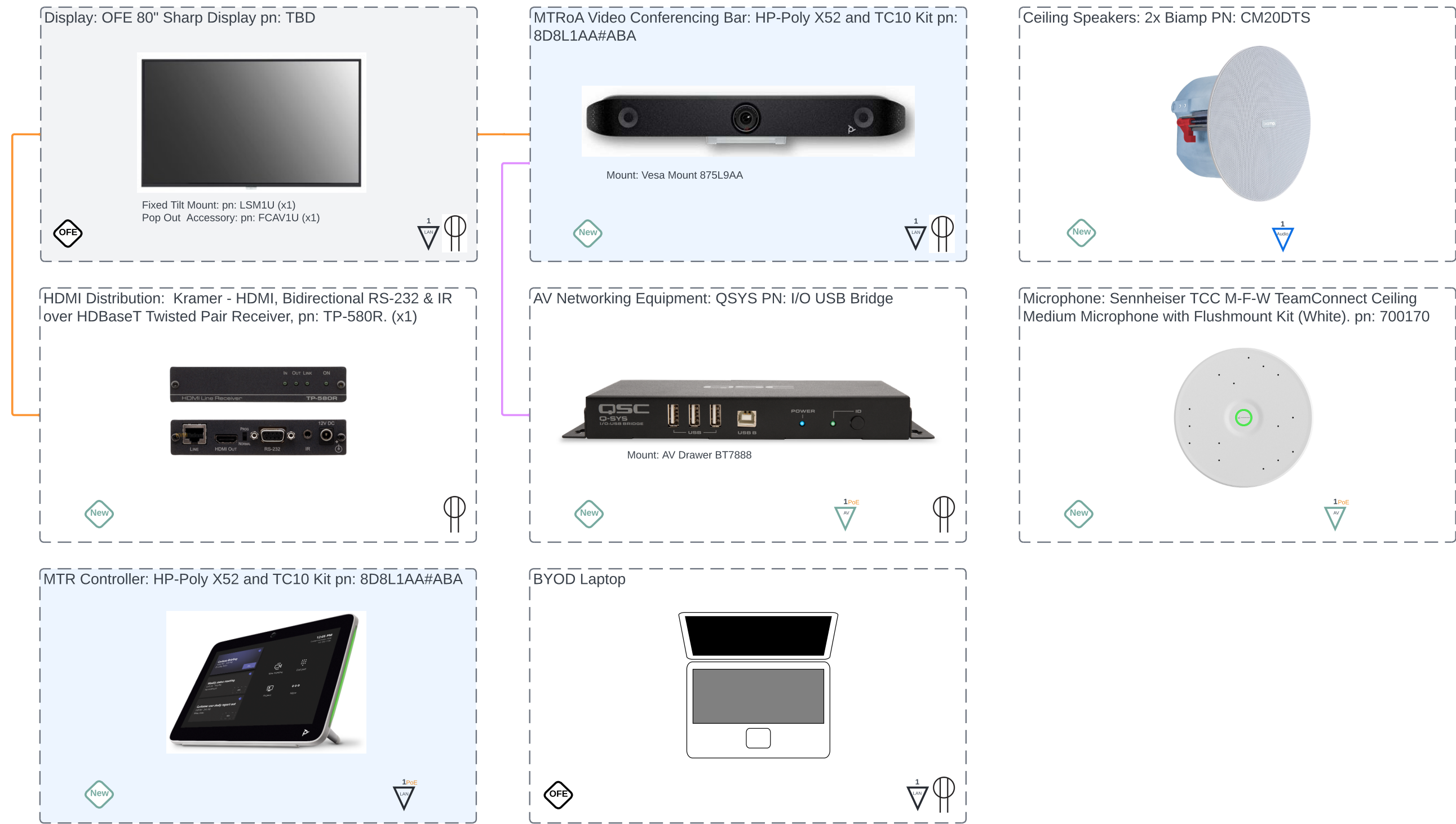
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- Installation Notes:**
- Display are installed center of table.
 - Cable Path from Plenum, to Behind Display to Behind Credenza - Smooth Conduit 1" min.



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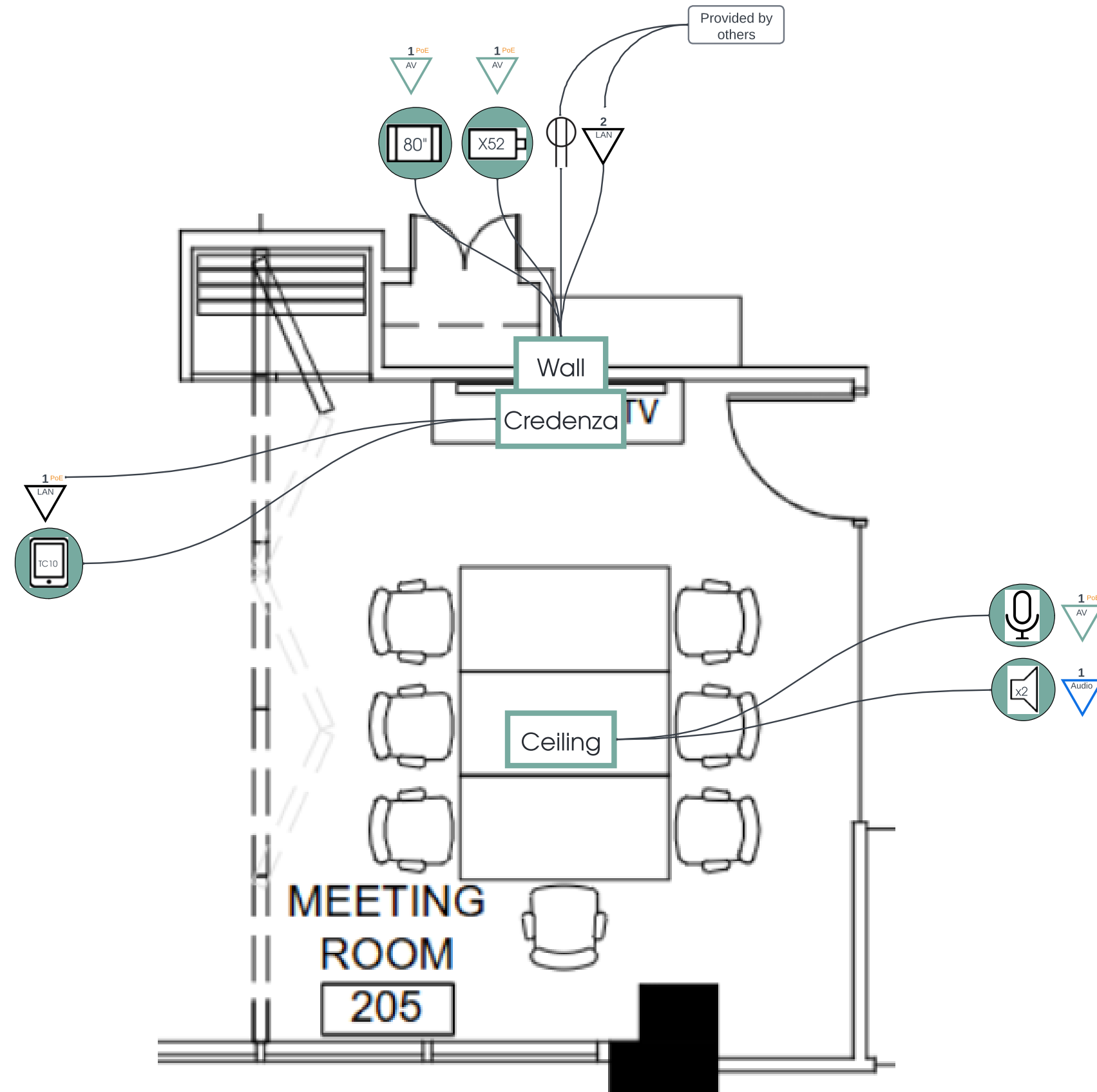
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T.3.b_FP

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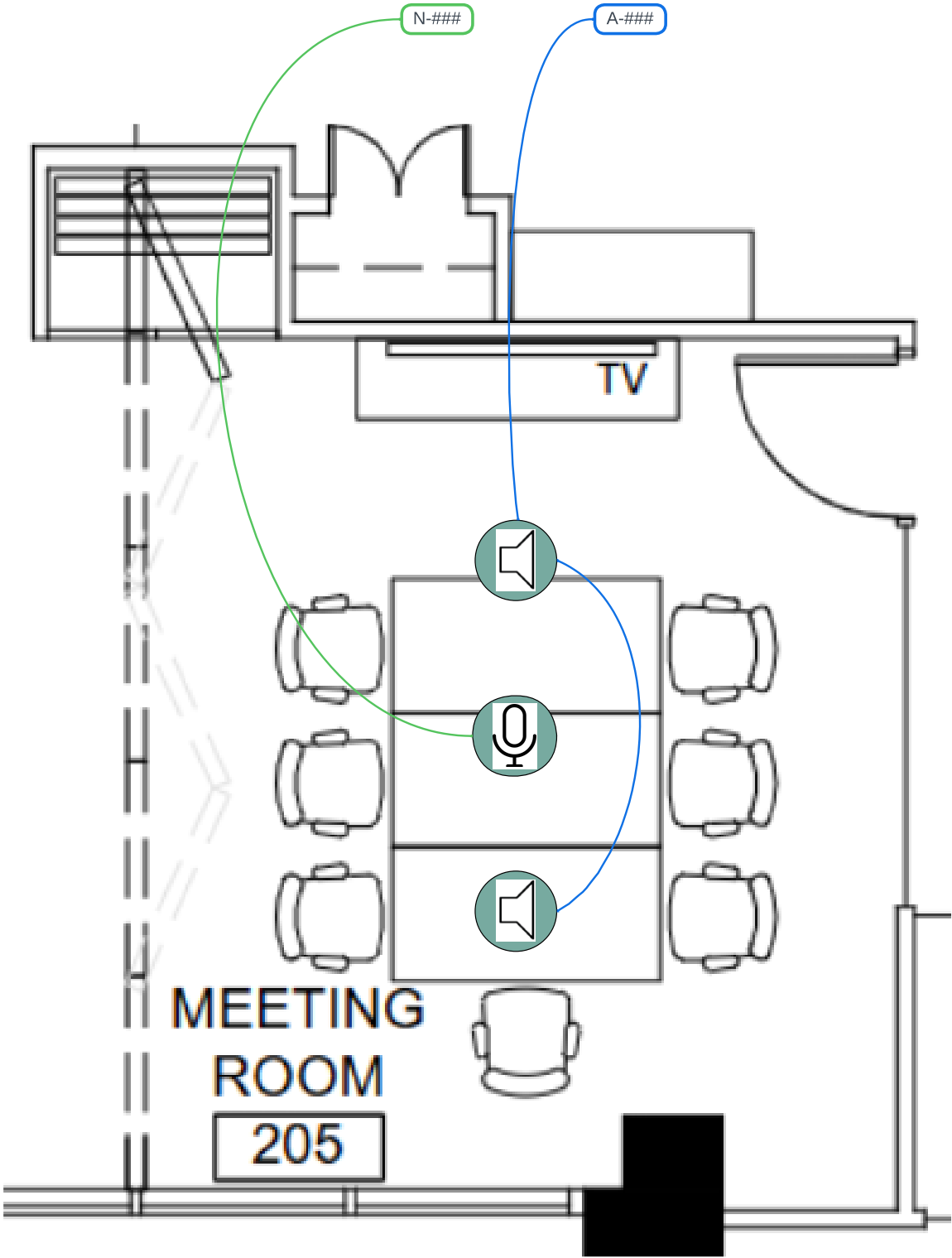
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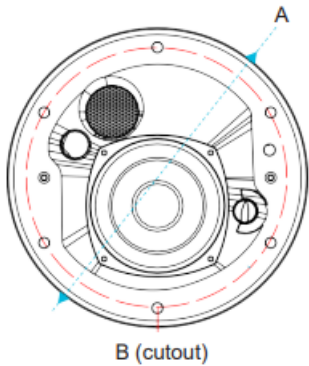
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T.3.b_RCP

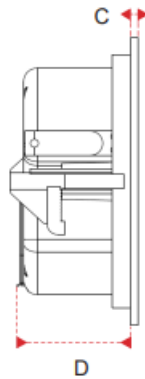
P.20



Dimensions - CM20DTS

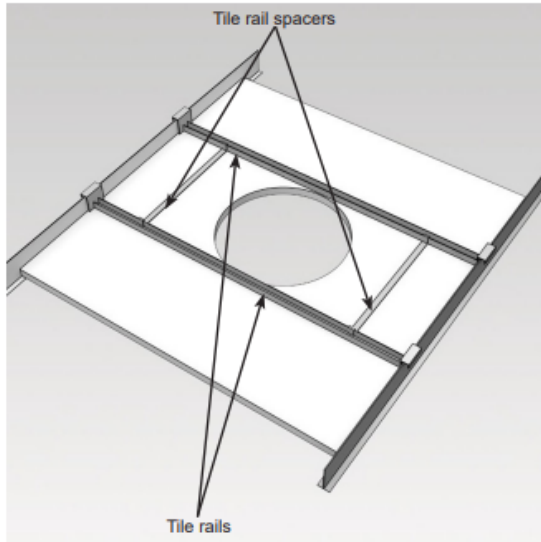


	mm	inch
A	223	8.780
B	193	7.598

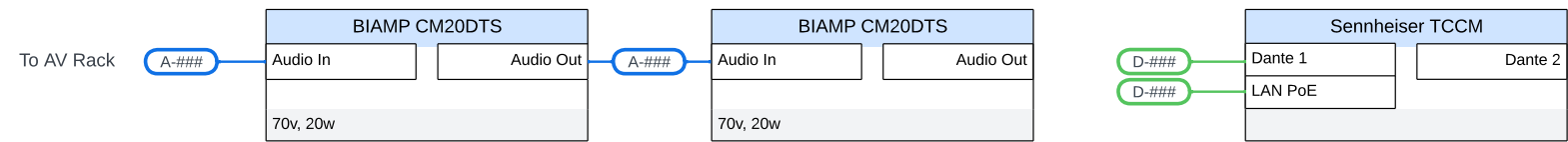


	mm	inch
C	5	0.197
D	84	3.307

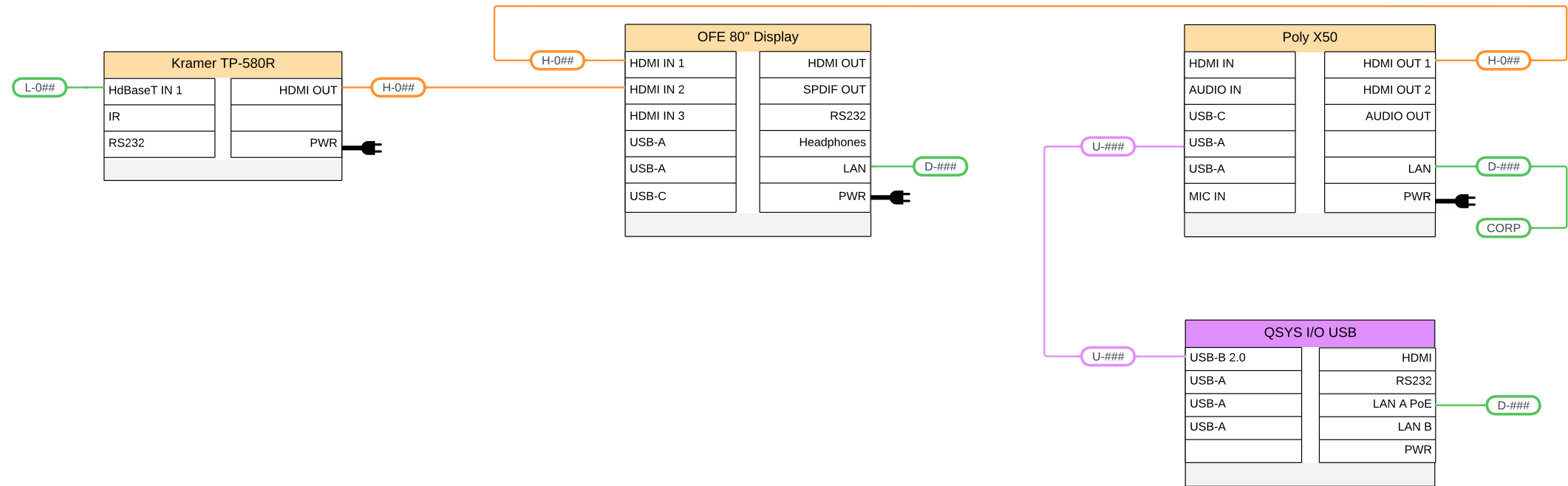
Insert the two tile rails through the cut hole and place them on the ceiling surface near the opening. Insert the tile rail spacers in the hole and clip them on the tile rails.



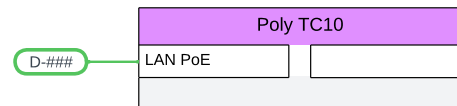
CEILING



WALL



Credenza



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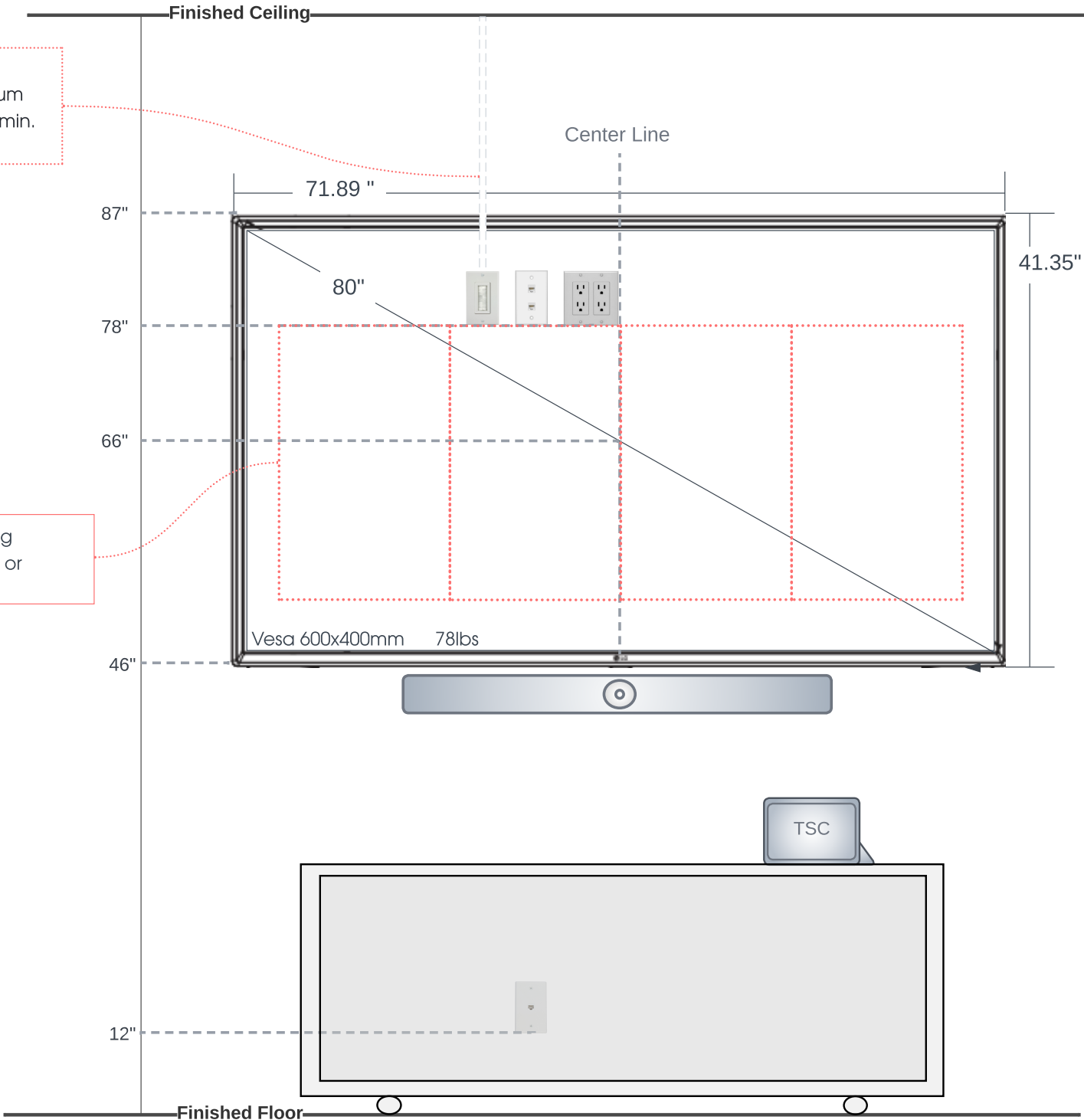
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Cable Path to Plenum
Smooth Conduit 1" min.

Plywood Backing
1x 24" H x 64" W, or
4x 24" H x 16" W



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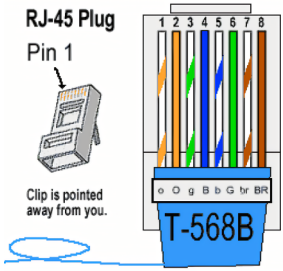


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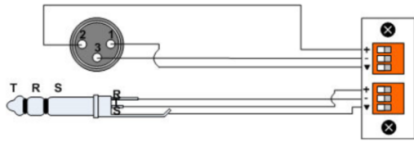
Connectivity Guide

P.23

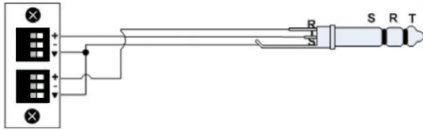
RJ-45 Plug
Pin 1



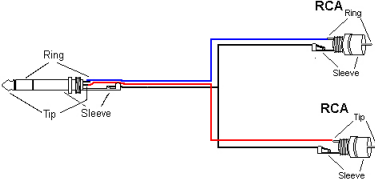
Balanced Mic/Line Input



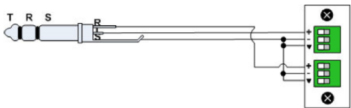
Unbalanced Line Out (2 channels)
to "Stereo" TRS connection



Unbalanced 1/4 TS to "Stereo" RCA



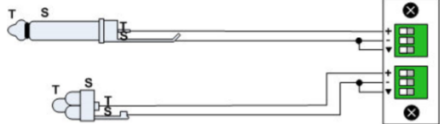
Stereo Unbalanced Line Input



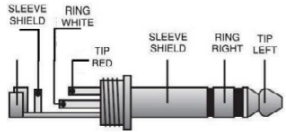
Telco 3-PAIRS



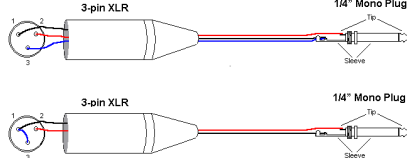
Unbalanced Line Input



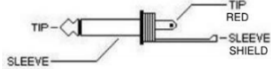
1/4 TRS JACK



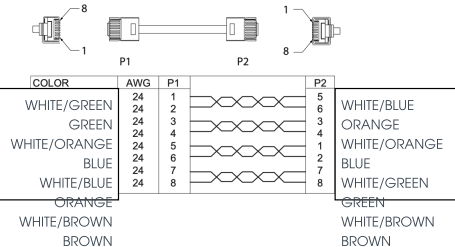
XLR to Unbalanced 1/4 TS



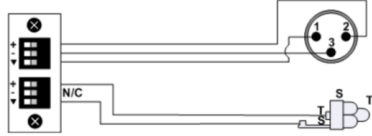
1/4 TS JACK



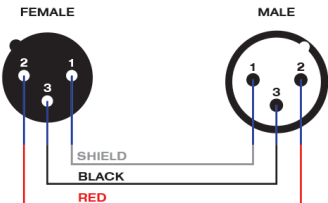
C-LINK CUSTOM CABLE



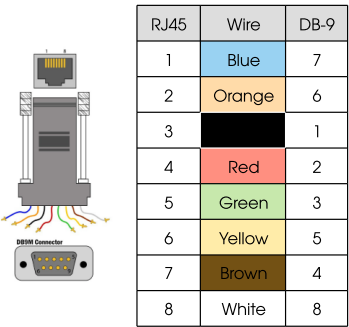
Balanced Line Output /
Unbalanced Line Output



XLR M-TO-F

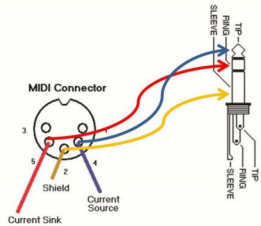


RJ45-to-DB9 (EIA-561)



RJ45	Wire	DB-9
1	Blue	7
2	Orange	6
3		1
4	Red	2
5	Green	3
6	Yellow	5
7	Brown	4
8	White	8

MIDI I/O



Serial DB-9

