Balfour Beatty
Construction

Title: Innovation Room Deployment – Innovation Room 1.0[1], 2.0., & 3.0

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Summary: An overview of the components and purpose of the innovation room

Innovation Room Deployment

This is the first step in a multistep program for creating a collaboration room.

1.0: The purpose of this first step is to create a standard Windows 8 user base, get users to accustomed to computer based collaboration, and create a space for real pull planning collaboration. (Consider Gaming Console?). Other aspects of the room include:

- Mobility / maleability of all furniture (tables and chairs).
- User's ability to capture posted whiteboard data easily.
- Windows 8 & the reduction of extraneous third party software.
- Promotion of device to device information continuity via use of a single OS.

A successful scenario of use: an individual from the field walks into the room, turns the windows 8 machine, accesses data from box, a thumb drive, or directly from the server, and does whatever they need to do – digital markup, site plan, modeling, etc. There is complete continuity between the system they use at their personal machines, and what's available to them on the windows 8 collaboration machine.

2.0: The next phase will be to replace the general use touch display computer with a touch monitor and dock set to receive any user's Windows 8 laptop mobile device.

3.0: Replace non-touch panel wall displays with smart touchscreen wall displays that are adjustable, to be used like a digital work table and eliminate other touchscreens.[2],[3]

(4.0): Addition of immersive technology akin to a holodeck (Star Trek) allowing all team members and users to be digitally immersed into the 3D BIM environment.

[1] 1.0 is the first deployable version and will be superseded when Windows 8 is widely deployed
[2] http://ideum.com/home/
[3] http://www.perceptivepixel.com/

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Deployment Model:

Hardware

Item	*Hardware (Name)*	*Brand*	*SKU*	*Cost*	*Information*
TV	70" TV Display - LG – 1080p – 240Hz – Smart – 3D – HDTV 60LM7200	LG (Various)	6734339	$1,699 and up + Associated Tax	Recommendation would be to go with Samsung or Sony – no need for Smart
Computer, All-in-one	Lenovo – 27" Touch-Screen All-in-One Computer – 6G Memory – 1TB Hard Drive – A720 - 57309906	Lenovo	6851097	$1,499 and up + Associated Tax	Buy a newer version of migrate to 2.0 and buy a doc with a touch panel instead
Apple TV	--	Apple Inc.	MD199LL/A	$99.99 + Associated Tax	--
Apple TV Mount	TotalMount – Apple TV Universal Mounting Kit			$16.99 + Associated Tax	--
Mobile TV Stand	"Cotytech CT-OS45-1S Adjustable Ergonomic Mobile TV Cart for 56-inch to 70-inch Inch TV's with 1 Shelf"	Cotytech	--	$505.18	--
Web Cam, TV mount	Logitech – TV Cam HD 960-000921	Logitech	5206564	$199.99 + Associated Tax	--
Game Console	--				--
HDMI Cables – High Speed	--	Various	Varous	Varies	-Purchase an assortment of length – 4' Min. – 12' Max -Buy only black
Surge Protector	Belkin 6-Outlet Surge Protector	Various	Various	Varies	--
Wireless HDMI Connection Hub	Wireless HD Digital Kit – Wireless HD 1080p Entertainment for 2 HDTVs	iogear	Model #: GW3DHDKIT	$189.99 + Associated Tax	--
Space Magnetic Whiteboard Paint	Idea Paint	--	--	--	Suggestion may be to use some form of metal cladding – dry erase compatible and magnetic
Folding, Stacking Chairs	--	--	--	--	--

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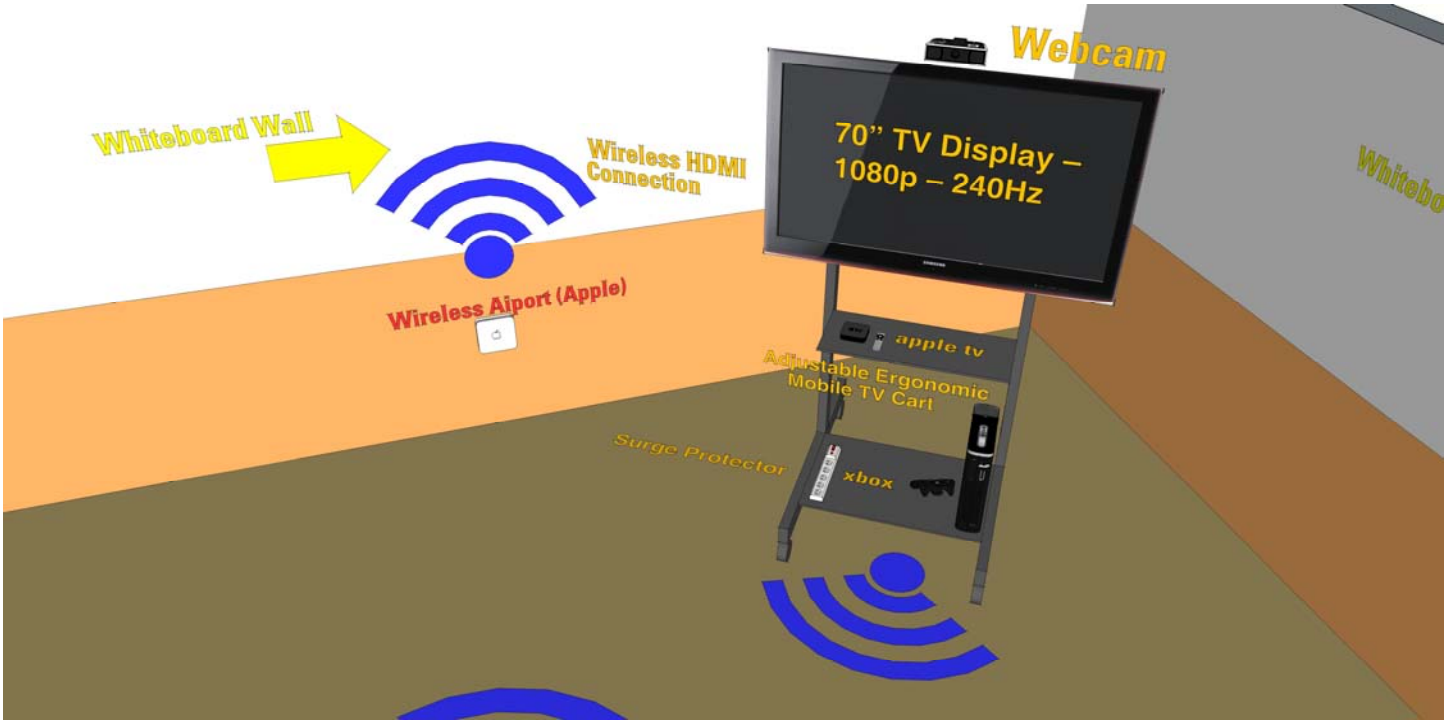
Image of Mobile Display Stations



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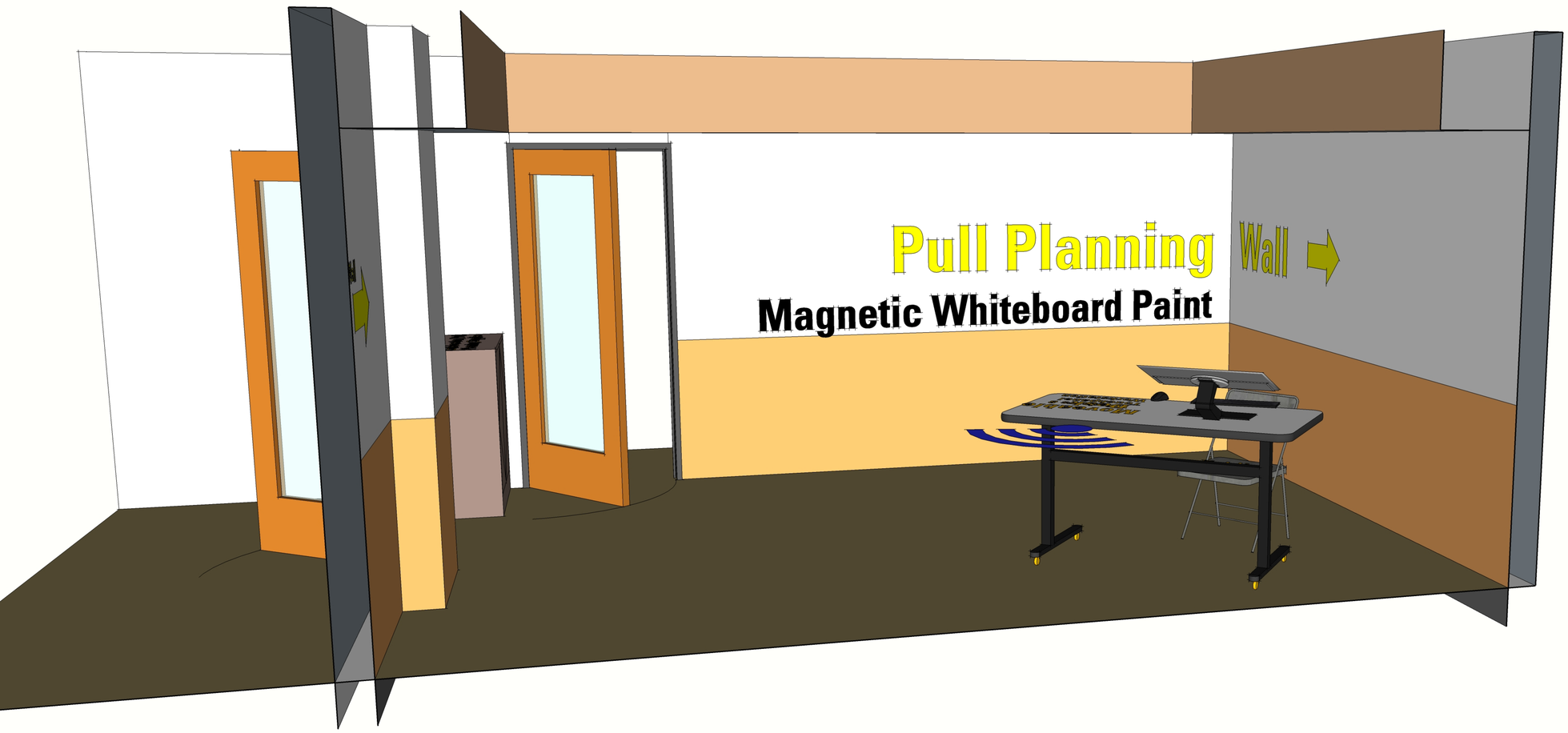
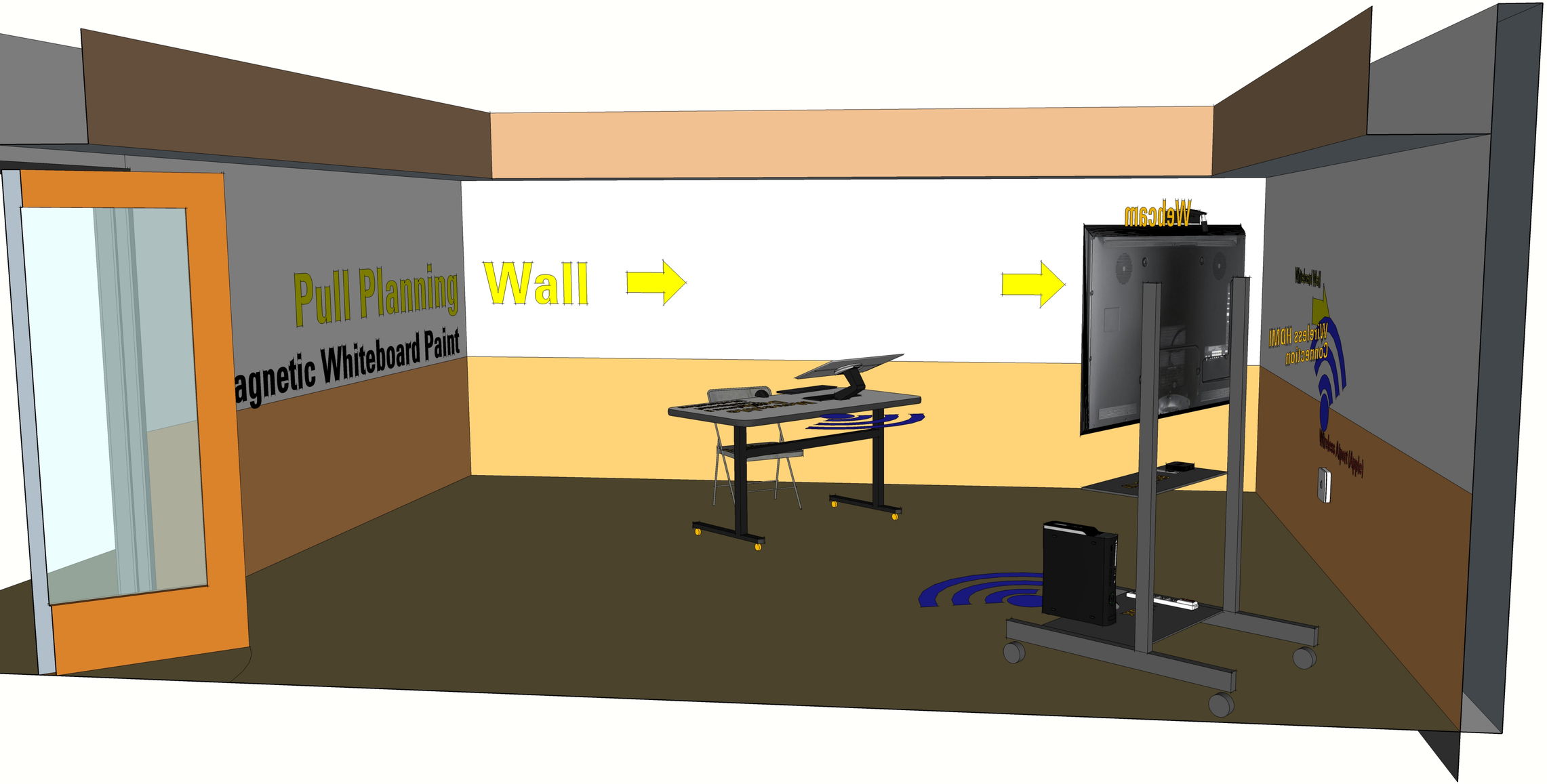
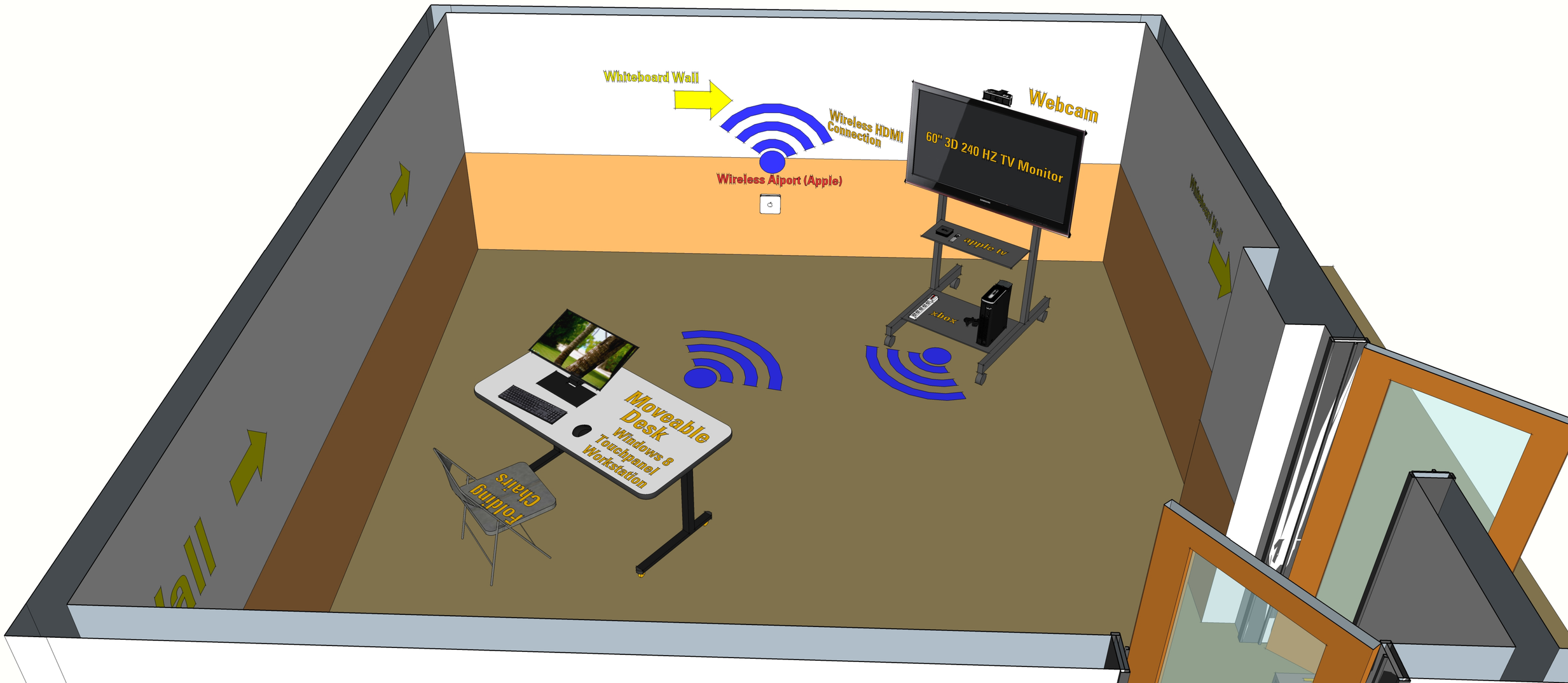
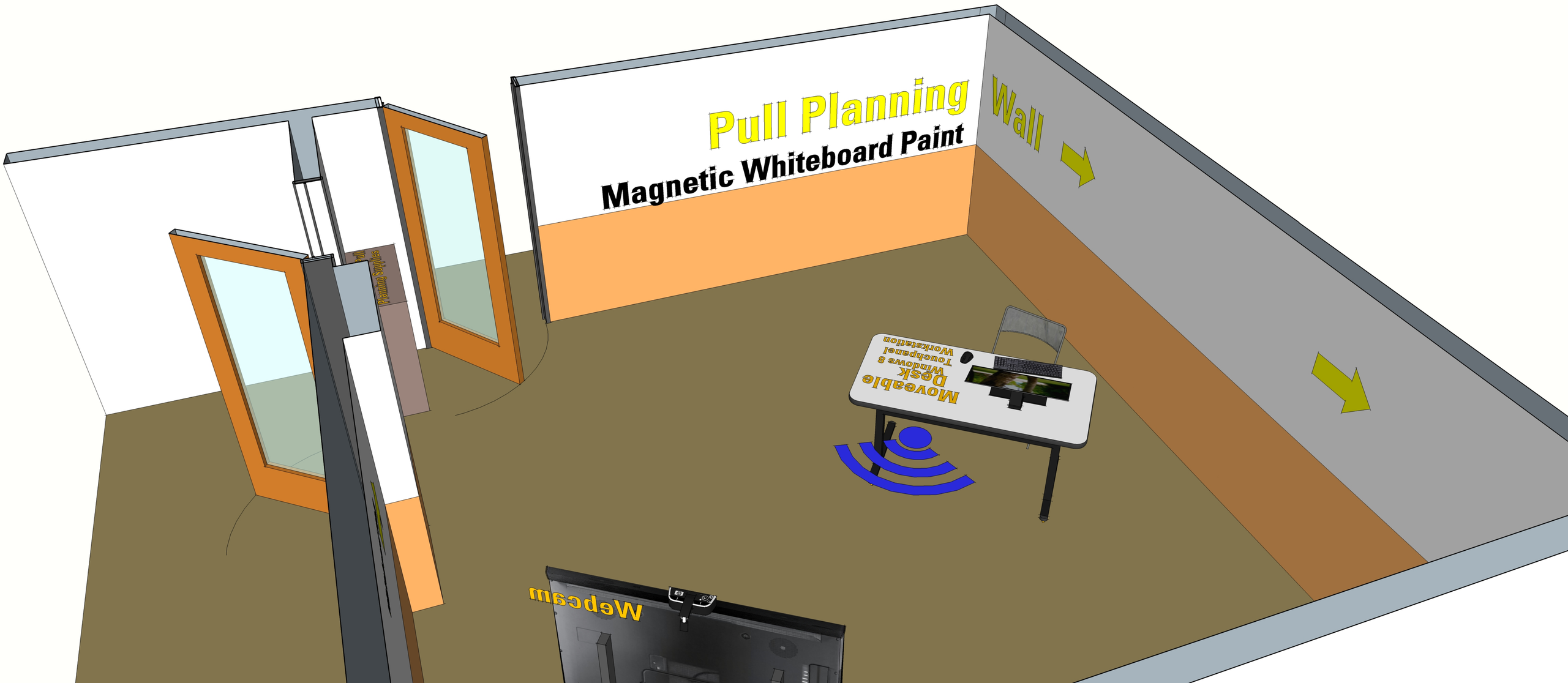

Pull Planning
Magnetic Whiteboard Paint
Wall

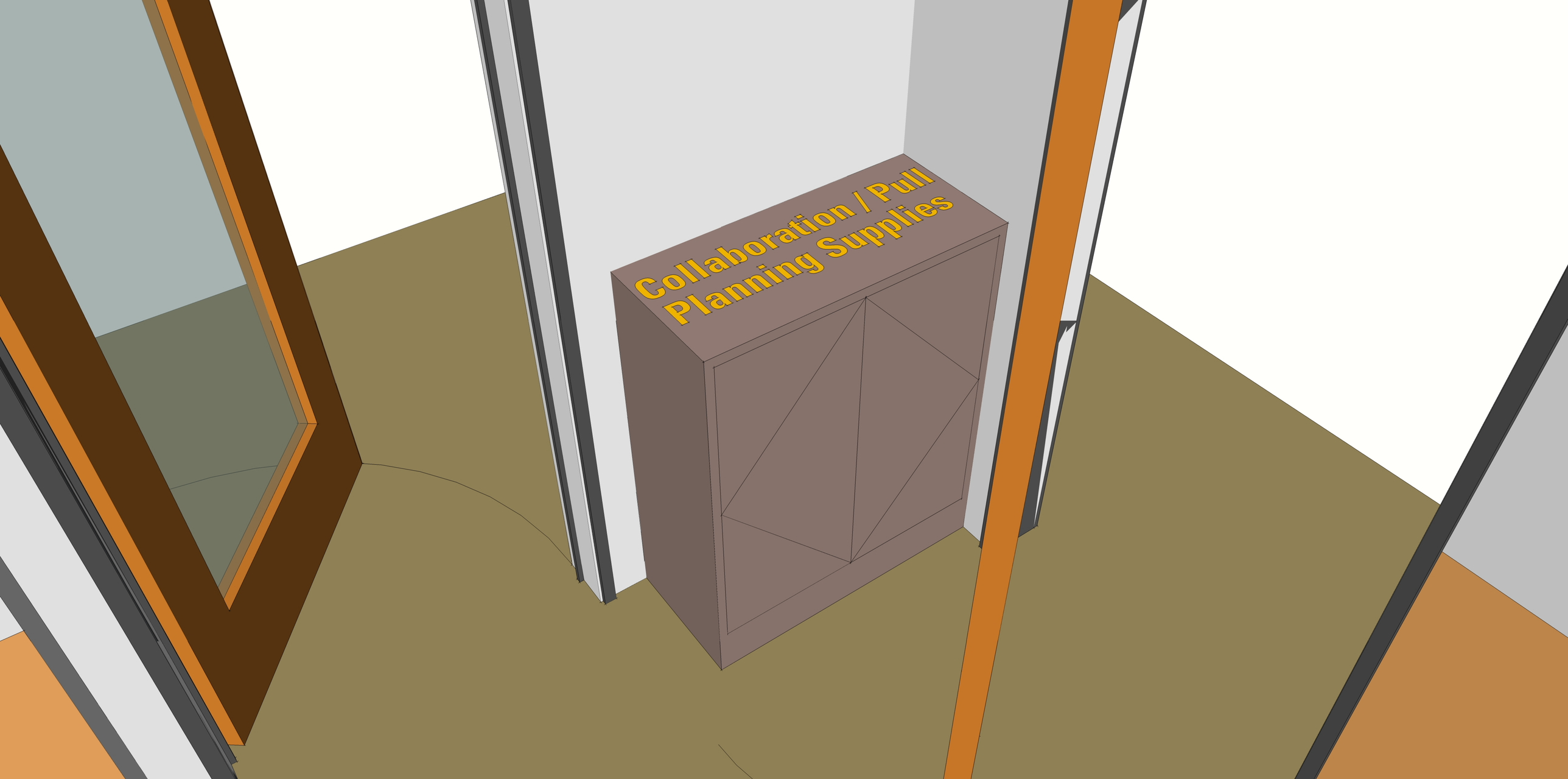
Webcam
60" 3D 240 HZ TV Monitor
Whiteboard Wall
Whiteboard Wall
Wireless HDMI
Connection
Wireless Apart (Apple)
Pull Planni
Magnetic Whiteboard Pa

Webcam
Whiteboard Wall
Wireless HDMI Connection
60" 3D 240 HZ TV Monitor
Wireless Airport (Apple)


Pull Planning
agnetic Whiteboard Paint
Wall
Webcam
Wireless HDMI
Connection

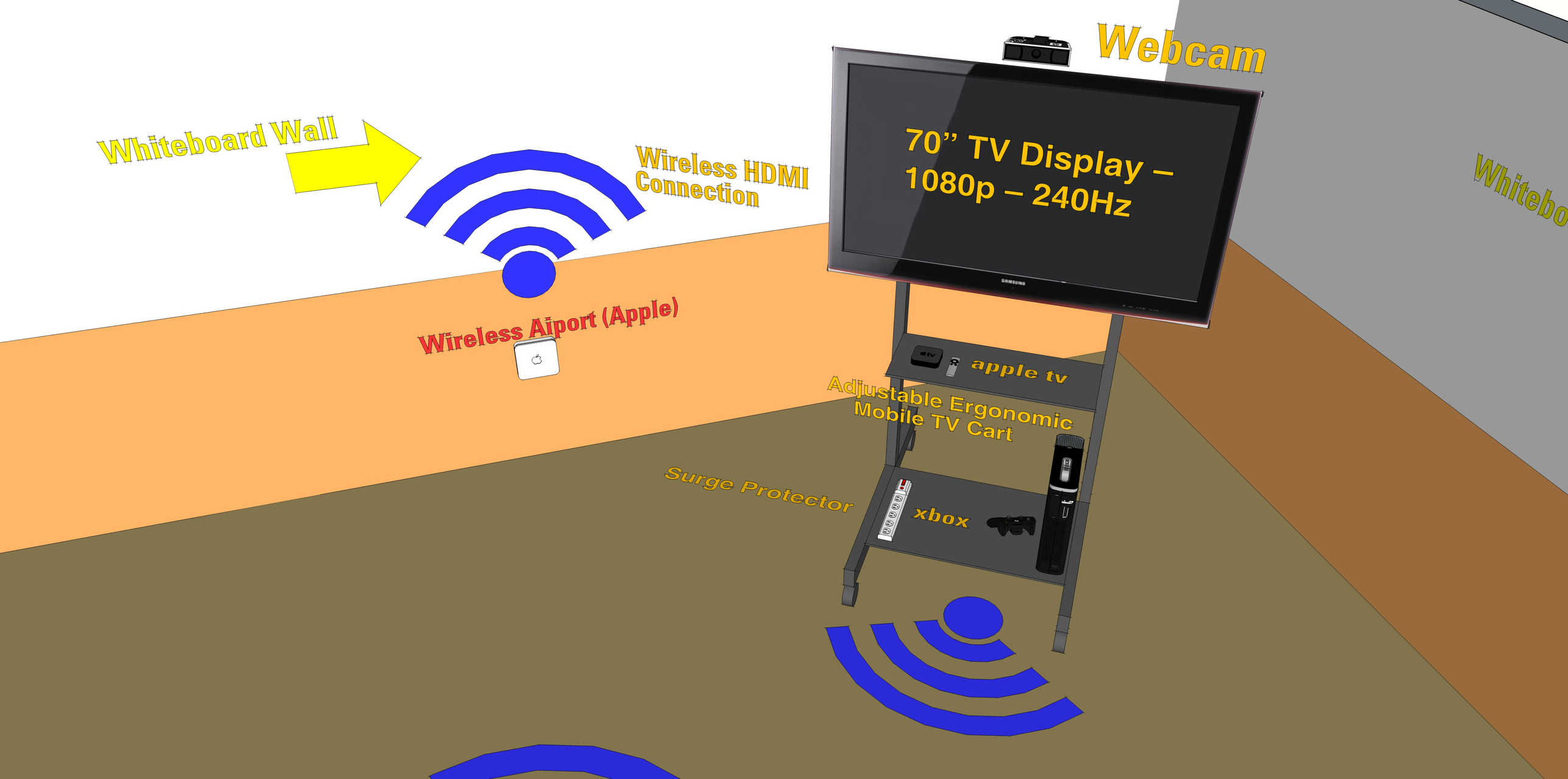

Whiteboard Wall
Wireless HDMI Connection
Wireless Airport (Apple)
Webcam
60" 3D 240 HZ TV Monitor
apple tv
xbox
Moveable Desk
Windows 8 Touchpanel Workstation
Folding Chairs

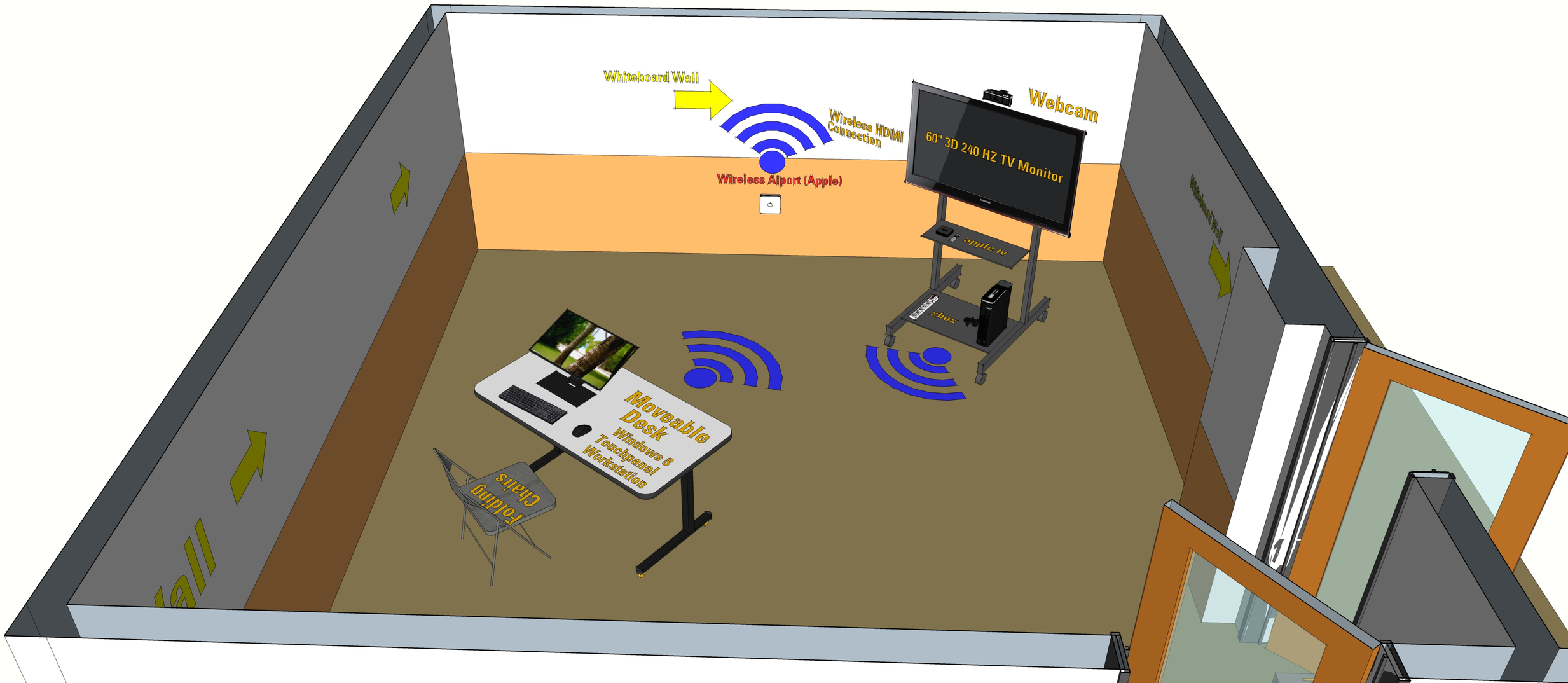

Pull Planning
Magnetic Whiteboard Paint
Wall
Pull Planning Supplies
Moveable Desk
Windows 8 Touchpanel Workstation
Webcam


Collaboration / Pull
Planning Supplies

Pull Planning
Magnetic Whiteboard Paint
Wall

Adjustable Ergonomic
Mobile TV Cart
Surge Protector
xbox
Moveable
Desk
Windows 8
Touchpanel
Workstation
Folding
Chairs


Webcam
Whiteboard Wall
Wireless HDMI Connection
70” TV Display – 1080p – 240Hz
Wireless Aiport (Apple)
apple tv
Adjustable Ergonomic Mobile TV Cart
Surge Protector
xbox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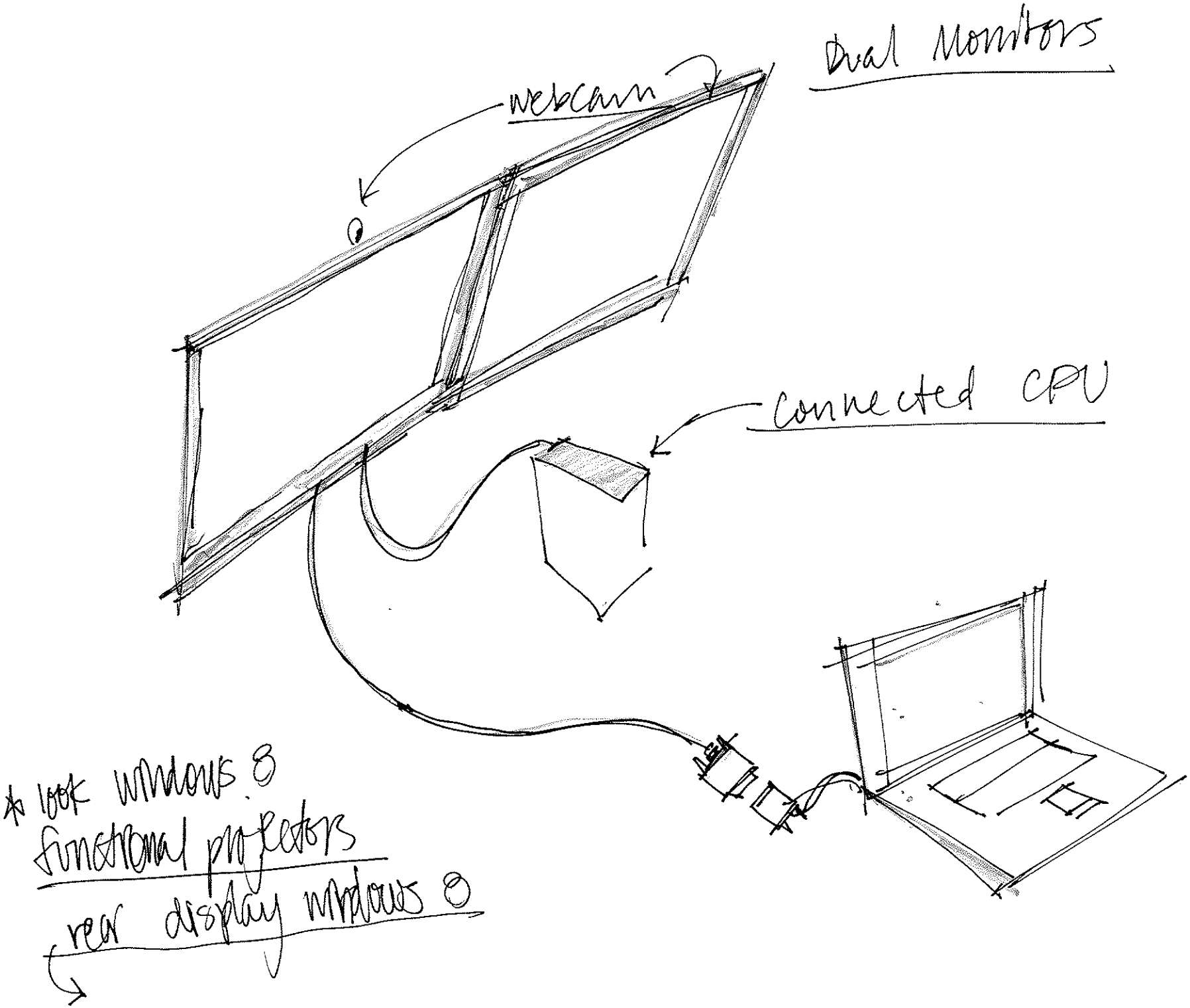
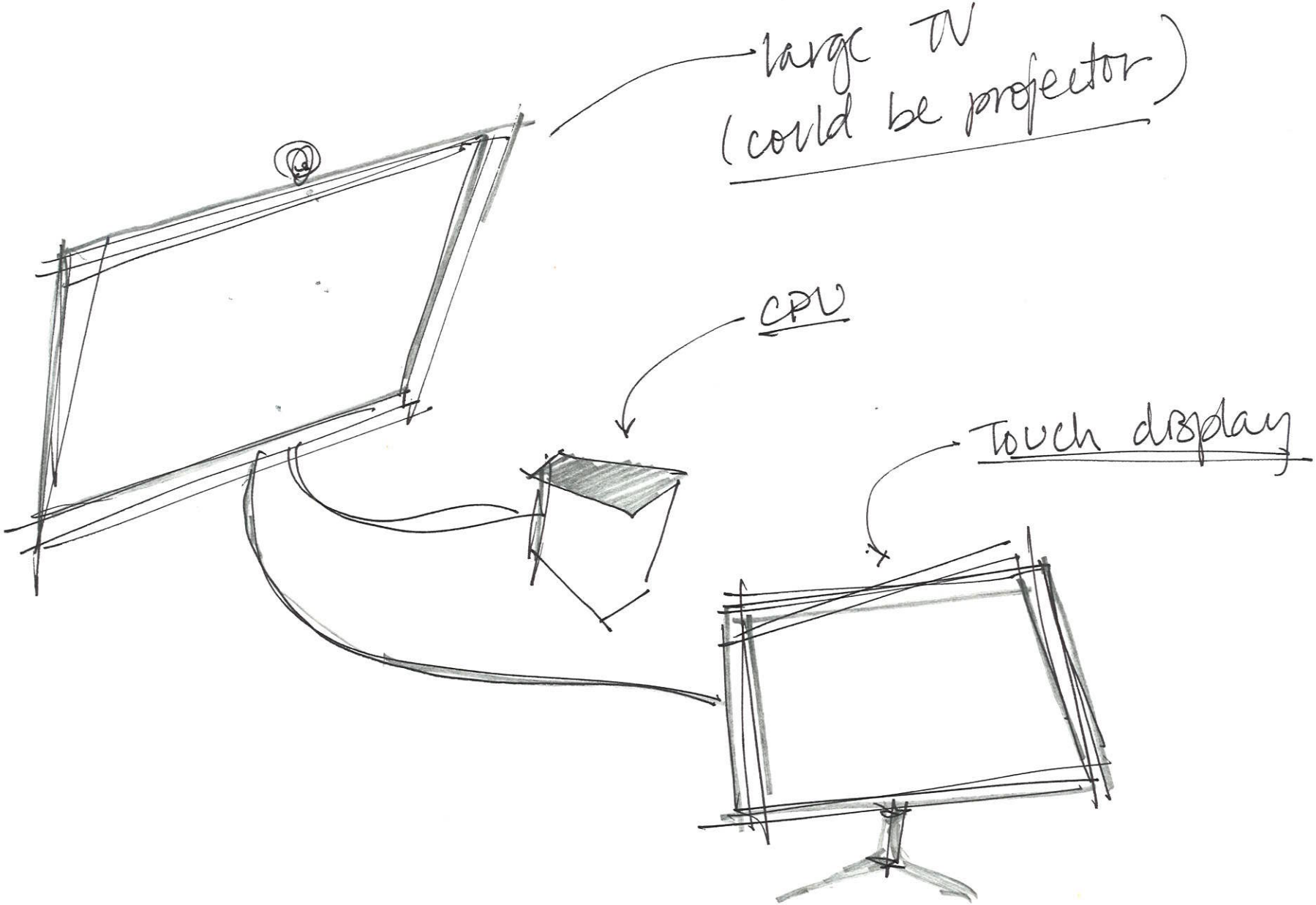

Dual Monitors
webcam
connected CPU
* look windows 8
functional projectors
rear display windows 8


large TV
(could be projector)
CPU
Touch display