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Subject: Building a Home Theater & Listening Room  
Posted by [hydrovac](#) on Thu, 25 Dec 2014 03:16:16 GMT  
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Hi all,

My wife finally parted with a portion of her terrace garden and let me build a home theater.

First off all I find myself very fortunate to build a room that can be dedicated to music listening and watching movies. The room will be 3.96 meters wide, 7.38 meters long and a height of 2.7 meters. So with a little more than 29 m2 it's not a big room at all.

We live in a duplex penthouse (5th & 6th floors with terrace rights). So, traditional construction methods are a bit difficult. I plan to take the prefab route.

Proposed HT Room area.

Columns set and trusses on.

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Subject: Re: Building a Home Theater & Listening Room  
Posted by [Wayne Parham](#) on Fri, 26 Dec 2014 15:59:46 GMT  
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Man, that looks like it's going to be great! Keep us posted!

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Subject: Re: Building a Home Theater & Listening Room  
Posted by [hydrovac](#) on Sat, 27 Dec 2014 17:31:22 GMT  
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Thanks Wayne,

The progress in construction of prefab wall panels:

Rear wall panels:

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Subject: Re: Building a Home Theater & Listening Room  
Posted by [hydrovac](#) on Sun, 11 Jan 2015 10:53:17 GMT  
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These pics are of the composite decking sheet being fixed.... in fact yesterday...the plasterers were skimming the walls and pouring the concrete slab....

I will add more photos as the work progress.

Started laying electrical, speaker and signal cables. The cabling work is being carried out by a local guy and someone from my work giving him a hand.

To reduce hum and noise I want to install a dedicated line with only a single ground from the audio / home theater system to the electrical service panel. Don't want to attach anything other than the A/V system to this special dedicated line.

Expecting the result to be noise and hum free power with a 'deep black background'.

By this stage of the project, I have already identified the following:

- Placement of all speakers
- Placement of A/V components
- Placement of video source
- Lighting needs
- Possible future enhancements
- Thermal Insulation & Acoustic Treatment

BTW I have provided a frame also... for supporting the screen.

I will try and post pics if there's interest... as soon as i work out how to do it...!!

I have all the kit I need already for this...mix of new and from old lounge... not top end by any means...but works for me...

HT room exterior view from terrace:

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Subject: Re: Building a Home Theater & Listening Room  
Posted by [Wayne Parham](#) on Mon, 12 Jan 2015 00:34:48 GMT  
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Lookin' great!

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Subject: Re: Building a Home Theater & Listening Room  
Posted by [hydrovac](#) on Wed, 28 Jan 2015 04:00:25 GMT  
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Thanks Wayne,

Framing work in progress for rock wool slabs...

Checking out my old screen...

16:9 screen pulled down...

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6) [IMG\\_5687.jpg](#), downloaded 5108 times

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Subject: Re: Building a Home Theater & Listening Room  
Posted by [Wayne Parham](#) on Fri, 30 Jan 2015 03:41:03 GMT  
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Makin' progress!

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Subject: Re: Building a Home Theater & Listening Room  
Posted by [hydrovac](#) on Thu, 05 Feb 2015 17:42:46 GMT  
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Framing work completed and AV cabinet in place.... cabling almost done except one sub signal cable.

Got 20 Rock wool bags delivered yesterday.

There was a leak from one point of the slab joint side.... getting the pressure grouting done today.

Entry door to the theater on the left:

Bags containing Rock wool slabs:

AV cabinet built into the window:

Ceiling panels getting ready:

Insulation panels being fixed:

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Subject: Re: Building a Home Theater & Listening Room

Posted by [hydrovac](#) on Thu, 19 Feb 2015 10:45:06 GMT

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Paneling of rock wool frames almost done:

Steel trusses being enclosed in wooden beams:

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