



## NATIONAL INSTITUTE OF TECHNOLOGY, HAMIRPUR

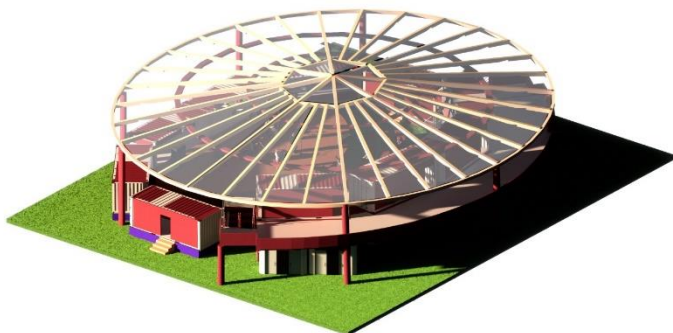
### DEPARTMENT OF ARCHITECTURE

#### DESIGN-O-CRATS

### SHIPPING CONTAINER

#### **Abstract**

Some people believe that good entertainment space should be large enough to accommodate a huge TV and speakers, but size is not that big a factor. Actually, you can convert any space into a suitable home-theatre space by finding the right electronics and applying the appropriate space between your seat and the screen for the best video viewing. Therefore, for making a good entertainment place with proper spacing and less costly shipping containers can be good choice.



#### **OBJECTIVE**

To convert a shipping container into cinema theatre. However, just as viable they are in their area of operation, these highly useful equipment has been known to be recycled and used in several innovative ways outside the industry as well.

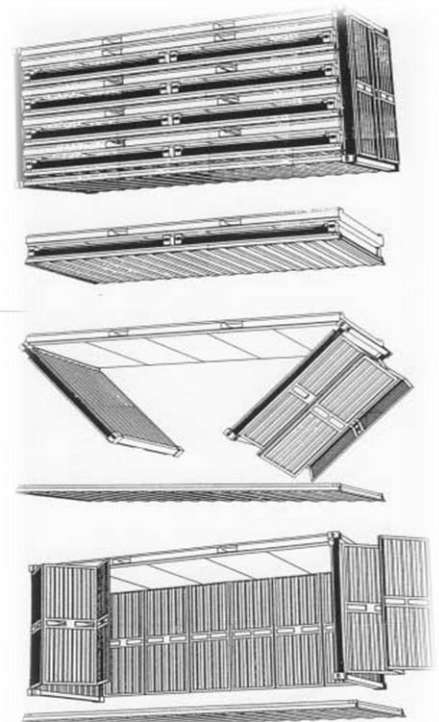
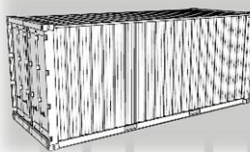
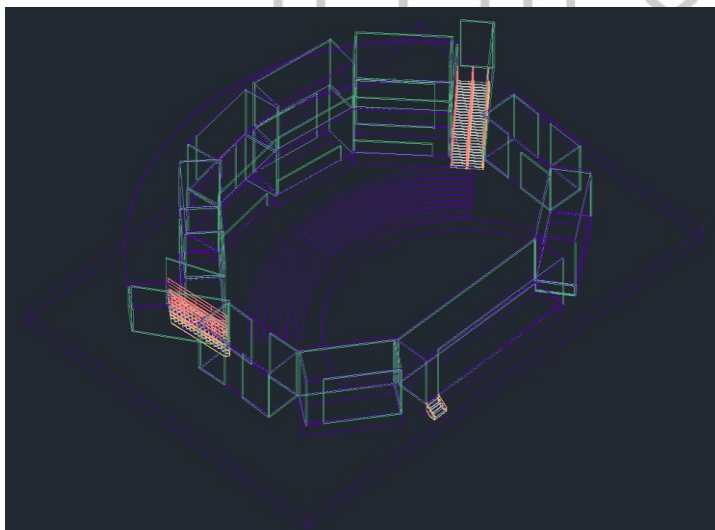
## EXCUETION

**Step 1: Prepare the space** A rectangular space is ideal for a media room because symmetrical areas are easier to soundproof. So, you can start by covering all the hard surfaces because they reflect sound, including the floor. This will prevent muddy dialogue and the amplification of sound effects. You can get the container carpeted and the furniture upholstered to absorb sound waves. Depending on your budget, you can install acoustic tiling to soundproof the walls, or simply hang thick drapes or paintings or set up a bookshelf to keep unwanted sound from bouncing around the space. The curtains and dimmer switches will help to increase contrast and reduce glare.

**Step 2: Map out your space** It is important that you figure out where everything will go while the space is still empty. Measure distances, like between your sitting position and where the screen will be placed, so you can use the measurements to identify the ideal screen size. Consider mounting your TV on the wall, and adjust the light setting so the space is appropriately dark.

**Step 3: Choose the equipment** Screen – When choosing a big screen TV, keep in mind that the distance between the screen and your sitting position should be about three times the screen's size, with 27 inches being the minimum screen size. You may also want to consider using a projector in place of a TV, which you simply mount from the ceiling and then use any wall as a screen. In this case, you will still need to consider the viewing distance and other factors. Then speakers, media etc...

### SPACIAL PLANNING:



## LEARNING OUTCOMES

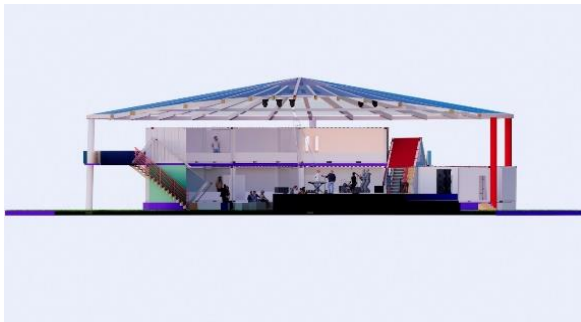
This concept must be widely applied as it is eco-friendly and produce low-cost homes.

- The materials are durable and load bearing.
- We must all adapt to this concept to allow for future saving



## MERITS

- Shipping containers contain unparalleled durability, mobility, and flexibility.
- The 16-gauge Corten steel walls of shipping container structures protect assets against theft, rodents, and weather.
- Because of Corten steel it's sound proof.
- Built-in forklift pockets and crane-ready corner castings make relocation simple.
- Container structures often require no foundation thanks to the support of their steel floors.



## **DEMERITS**

- Shipping containers are not always eco-friendly
- Modern appliances can be difficult.
- They often need reinforcements.

## **OUR INTAKE (TO MINIMIZE THE DEMERITS)**

- Apart from the creative aspect, we also need to work with a simpler model in respect to design to make it less costly.
- Building with shipping containers can certainly save money, but be realistic about what you intend to save and what you're willing to compromise for those savings.

## **BENEFITS:**

- Containers modified into theatre pods are possible, convenient and transportable.
- One of the benefits of modifying a shipping container is shifting, it can be moved from one place to another as per client's requirement.
- Shipping containers have a strong frame and foundation, it's simple to mount shelves to the walls or set up display cases, storage making it easy to set up and take down your store every time you move.
- Shipping containers can be outfitted with air conditioning and heating units, so it's easy to operate them all year-round.



## FINAL OUTCOME

