

NAME: _____

PERIOD: _____

CAD Design Challenge: Entertainment Center

You work as a design engineer for a furniture company. A client has hired you to design a custom entertainment center to go in the living room in his contemporary styled home.

The client's main requirements are listed below:

- Must hold a Maxent 42" Widescreen HD-Ready Plasma TV
- Client has small children- Objects should not be accessible low to the ground
- Must match/go well with the décor and style of home
- Must hold VCR/DVD players and audio receiver
- External speakers will remain outside entertainment center on pedestal stands
- Must include plenty of storage for DVDs, CDs, etc.

Project must Include:

- Very detailed hand sketch of all design ideas with notes about features
- Very detailed CAD drawing showing all details in the front view
- Notes included in CAD drawing proving that your design meets the client's needs
- Letter to client (make up name and address) explaining your proposal for the entertainment center

Resources:

www.fabrico.biz - Contemporary design pictures
www.bestbuy.com – Info for TV

Photo of client's current living room arrangement. (Entertainment Center to go here)

