



HOODS & HEARTH

Hoods & Hearths **What to do about the substrates?**

One challenging part of the Hood and Hearth design process is the sheer volume of possibilities and variations that there are to negotiate.

Once you pick the style of the Hood or Hearth you want to have, questions quickly arise regarding the vent system, lighting, stainless liner, cladding, corbels etc. As you know, the structure that houses all of the above is known as the substrate or shroud.

The substrate design and construction has to be drawn so that it accommodates these elements and so that it also meets your client's aesthetic desires. Here are some questions to consider: What overall shape should the substrate be?, Should the front valance be straight or arched?, Are there corbels planned?, Is cladding needed to face the shroud?

Since we are only responsible for the stone portion of the Hood or Hearth, a coordination of information and effort from several sources (kitchen designer, architect, appliance retailer, builder) is needed so that the final result comes together as you and your client would like. To aid you in that process, a design checklist has been prepared for you to use in your meetings. By using this checklist, you can acquire all of the information you need for our purposes and for the purposes of D and E--you can also help your client keep track of the components that they are responsible for acquiring.

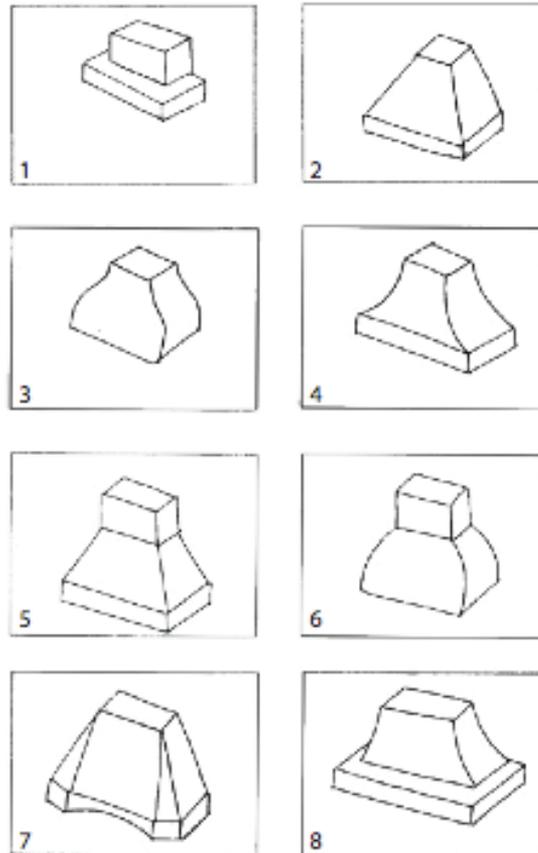
1. Hoods
2. Hearths
3. Cladding / Details
4. Sketches

1) Hoods:

Here are some typical examples of some possible Hood Shroud/Substrate designs.

- 1) Straight:
- 2) Angled:
- 3) Convex:
- 4) Concave:
- 5) Combination (Straight/Angled)
- 6) Combination (Straight/Convex)
- 7) Combination (Angled/Beveled)
- 8) Combination (Concave with Ledge)

HOODS & HEARTH



It would be difficult to draw engineering/construction drawings for all of the substrate possibilities as a consequence of the many potential options.

2) Hearths:

Many of the same issues that one must address with Hoods also exist with Hearths (venting, lighting, cladding, etc.), however there are some additional construction issues to settle.

Since Hearths are goal post structures (just like fireplaces) they transfer their weight to the floor as they completely surround a cooking area. Think of ordering a fireplace that only has a front that is +/- 2" deep (like a facade) and needing to build a support structure to hold that up. Sometimes people also want built-in niches on the interior sides or a raised ledge at the back behind the cooking area. These considerations should—preferably—be addressed prior to placing the order.

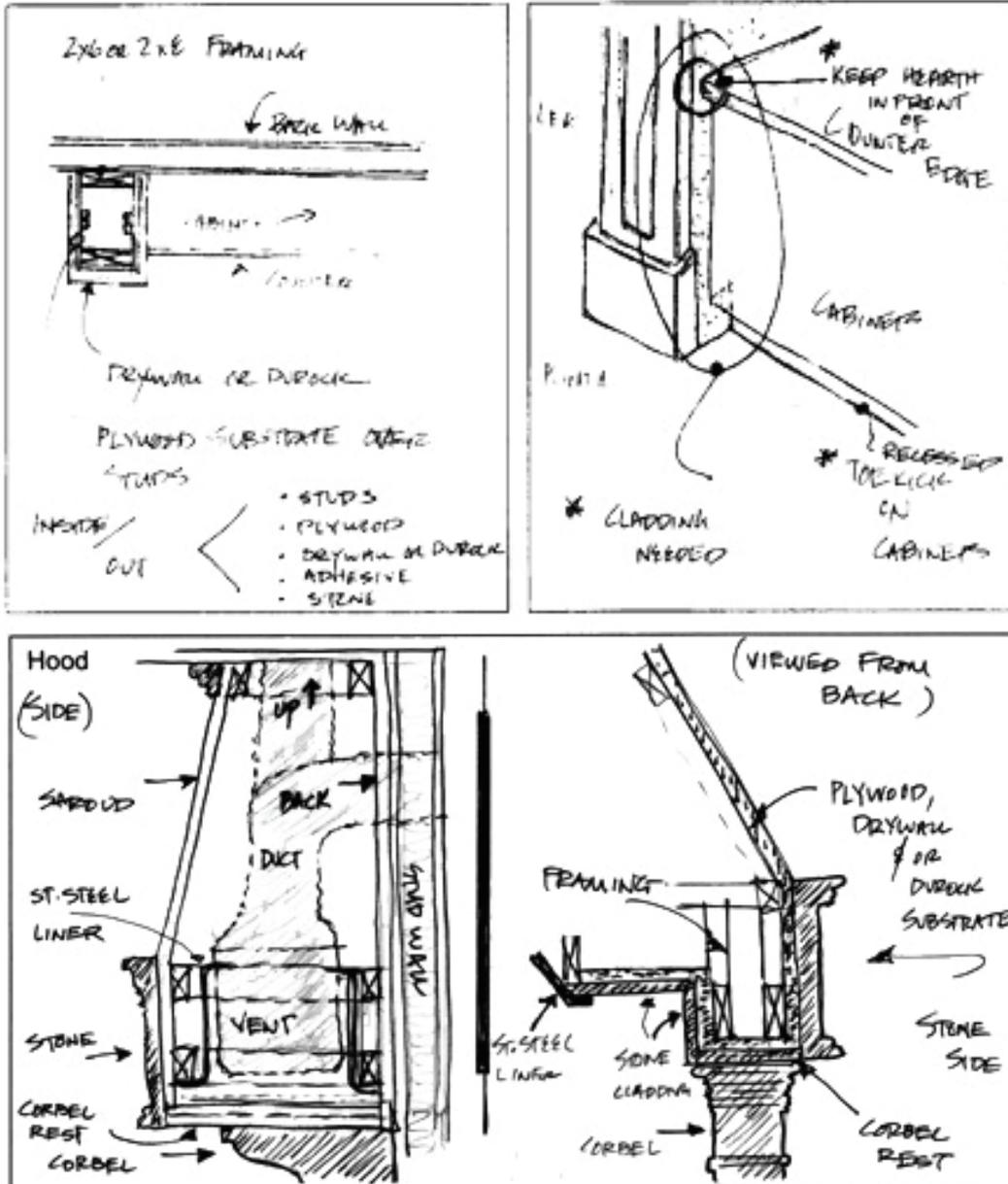
3) Cladding / Details:

Sometimes hearths are unexposed on the sides, (when flanked by tall pantries) while at other times they are partially exposed or completely in view (more typical). The latter circumstance raises additional questions regarding how to clad the sides and whether or not to continue critical details (crown, plinth) around the sides to the back wall. These additional requests must be considered prior to ordering and giving your client a final price for the stonework.

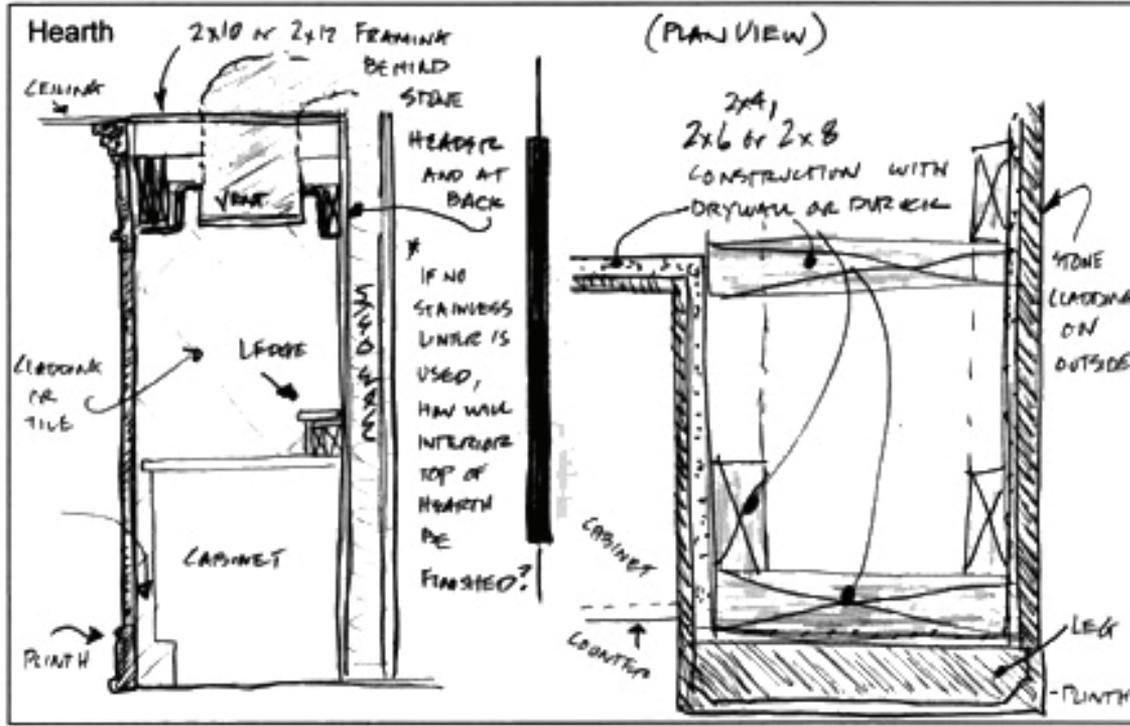
HOODS & HEARTH

4) Sketches:

Sketches of Hearth Substrate (Plan):



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DISCLAIMER

The intention in providing the above information is purely educational in nature. MATERIALS MARKETING does not install stone; as such, the company is not “responsible for the accuracy or efficacy” of the enclosed. However, by understanding this information, you can begin to see what the final stages of your projects are like and, consequently, can converse on the topics involved.

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