

Catch-Up Notes on Design

Note roles of VR, paper design, and extensive mock-ups.

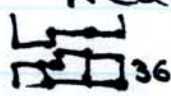
1. Floor

vinyl vs oak < Crayson proposed, VR modeled, green diamonds
Alec proposed oak diag

N refused to do playroom in oak
Stan determined diag cut off, junior cut it
F, N looked at vinyl - nothing great
Colors too strong for bird wall
Need small repeat

F looked at VR oak - ok, but not striking
Subfloor goes wrong way → \$350 to replace subfloor

2. Spice cabinet

N wants shelf
Microwave ideal height
Alec wants 27" WCab on section A,
So two levels 

F not three shelves down between WC right and microwave
N proposes to move to left 3", put a 6" shelf under it - give be

Alec? concerned about left-right balance
F proposes back of wing-wall, incl purlins
Floyd proposes inset box; N, F veto

3. Cabinet shelf config

N. wants 2 pullouts, big cavern on BC A left.
Floyd wants shelf height 17" inside constraint, due to 30" height
N can't decide height
F ~~say~~ wants 4 pullouts to use deep space — so full-height divider, position later
N unwilling to give up cavern, but locates it in D.

4. Electric plug on island5. Skylights where?

F proposes between sink and stove
N worried about direct sun too hot — (but rarely)
F proposes bird wall; ∴ and part E hall
The hall one may be wrong.
F proposed N-S alignment; Stan and Junior can't put it that close to ridge,

6. Breakfast nook

Started at 6-6 based on minimum livable from knock-up at beach and in basement

Discovered ground truth a little bigger, getting rid of F's misconceived extra wall, Pick up about 12",

Meanwhile, F discovering a little cramped in G-6 in the basement mock-up. So new size is 7-6; cabinet stays about the same. Table will go up from 30x32 to perhaps 34x32. Much better.

7. Island fold-down - see 1A

8. Light circuits - union of F mood & N visibility
Prob over-lit

9. Garbage configuration

10. Pantry

Jeff proposes diag cut-off, much shallower
F & N determine by ^{detailed} mock-up how far out
N has to redesign interior totally.

11. Coat, cleaning closet

F proposed D on W wall. Prob w window.

N recognizes

D N-S hall is on E side

Play space is on W side, defined by window seat.

Game closet jut-out defines a corner for a mama chair.

So, move closets to E hall.

12. Cab over refrig

VR shows it looks funny sticking out over R.
N pulls it back to wall.

13. Hanging Cabs

VR shows can come in to sink on sides
Basement experience confirms
Floyd proposes no mullions
VR shows that although the cabs
block view some. from back door,
not offensive.

14. Island position and dimensions

VR shows a little out in-your-face
from back door. Extensive mocking up
confirms.

So go to 7'-0 design 4-9 from E wall
with [optional, later] 1' fold-down
So symmetric on each side of sink,
Align end w hanging cabs.
Fold-down becomes optional.

15. Table size

Basement mock-up and steady living
confirms 30x30 is doable but really a
little tight.

→ 30x32 with pull-out for extra guests
then → 34x32 when inches materialized E-W

16. VR notes re design

Big screen first and most successful
Countertop green is wrong
Patterned (diamond) floor is good.
Hanging cabinets ok
Island ~~too~~ extends too far E
Refrig cabinet sticks out too far

Daylight models always too late to guide decisions

Night-light models generally too late to guide decision, but confirm decisions already made.

Texture out window helps a lot, but not right.

VR and mockups used to confirm 2'-0 width of R passage

17. Note major role of mock-ups ^{isometric gadgets}
pictures in catalogs
showrooms of cabinets

18. Think about how helpful a VR model of the existing kitchen would have been

- a. During design as I did it. ^{Would have saved a lot of measuring. That's all.}
- b. Walk through at Isaac design sequence

Suppose automatic capture of all dimensions. How to calibrate? **Put a ruler in every scene.** How to orthogonalize to axial dimensions?

19. Note that we do most of design in plan because model is simple adequate for most of design
20. Note use of isometric kit - How much is it maintained
N's scale model - early on

21. HF postulates:

Since Most designs start w go-bys, not de novo then even in design of new objects

3D capture of existing objects/scenes will play a crucial role in SB Design.

→ Certainly true of remodeling?
later-generation designs



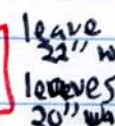
→ Note importance of libraries

→ Libraries must be orthogonal

Kitchen
Log

Kitchen Table

81
5/29/95

- Lived downstairs with a 30x30 table in a 7-5 space
Too tight each way for gracious comfort
- Planned to extend table to **32 in N-S dim.**
- Added 4th window to make more light.
So window jamb 8-0.
Planned 3" margin on each side, to make 8-6
Came out 4" " " " 8-8
- So D cabinet becomes 5-3 $\frac{1}{2}$ long
- Table can now be elongated E-W
- Did mock-up of N turning to telephone.
Needs ≥ 32 ", 33" much more comfortable
So if same for F, chairs take 66"
From 8-8 = 104" leaves 38 max table E-W dim
- Settled on **36" E-W**
- 36" not wide enough to seat two comfortably, especially if one is Jeff. So could for three, as originally conceived. 
Need ≥ 22 " per place for comfort, 24" better
- Decided to configure for 4  comfortable and 5 ok
So table extender is to be **16" long, total 48"** Can be 14" 
10. Height
N wants ≥ 27 "
F wants 26 $\frac{1}{2}$ "
leave 22" walk
leaves 20" walk

Range hoods

6-17-95

Need

almond, 40", fan & light, "quiet", airflow, Nutone, easy switching

Brown p. 6 quietest, very fancy, electronic, almond, 36" HVI 360, 555

p. 7 stainless, 42", heavy duty
or custom almond

460 6.0
HVI ~~36~~, ~~555~~

p. 8

p. 11 almond, 36", economy, 2 speeds, 75W

HVI 160, 555

Nutone p. 2 almond, 42", 36"

3 slim slideaway?

CFM 270

external or interior power?

7-1-95

Brown p. 8 no. 80,000

360 CFM

quieter

2 speed of blower

2 pos. lights

heat sensing for blower

36" and 39"

~~7 no. 69,000~~

~~460 CFM~~

Q price

Nutone p. 2 NN 8300

Q lighting

Q price

3 NN 6500

Q CFM

Q some

SH 1000NH Slide-Away, white only

Hood

Criteria:

1. Duct-vent
2. Fan in ductwork
3. Washable filter
4. Finish?
5. Take little cab space for duct size
6. Easy switching
7. 2 lights

1. Broan Rangemaster 18" hi 24" d 36" w
Dual warming lamps Infinite speeds
X Optional stainless steel backsplash w shelves
dual-level fluorescent lighting 2 bulbs 15"
stainless, white, black, almond #603608
external blower 900 CFM 9" round duct
optional 600 internal
Fitters fit dishwasher

2. 88000^{Model} 15 best