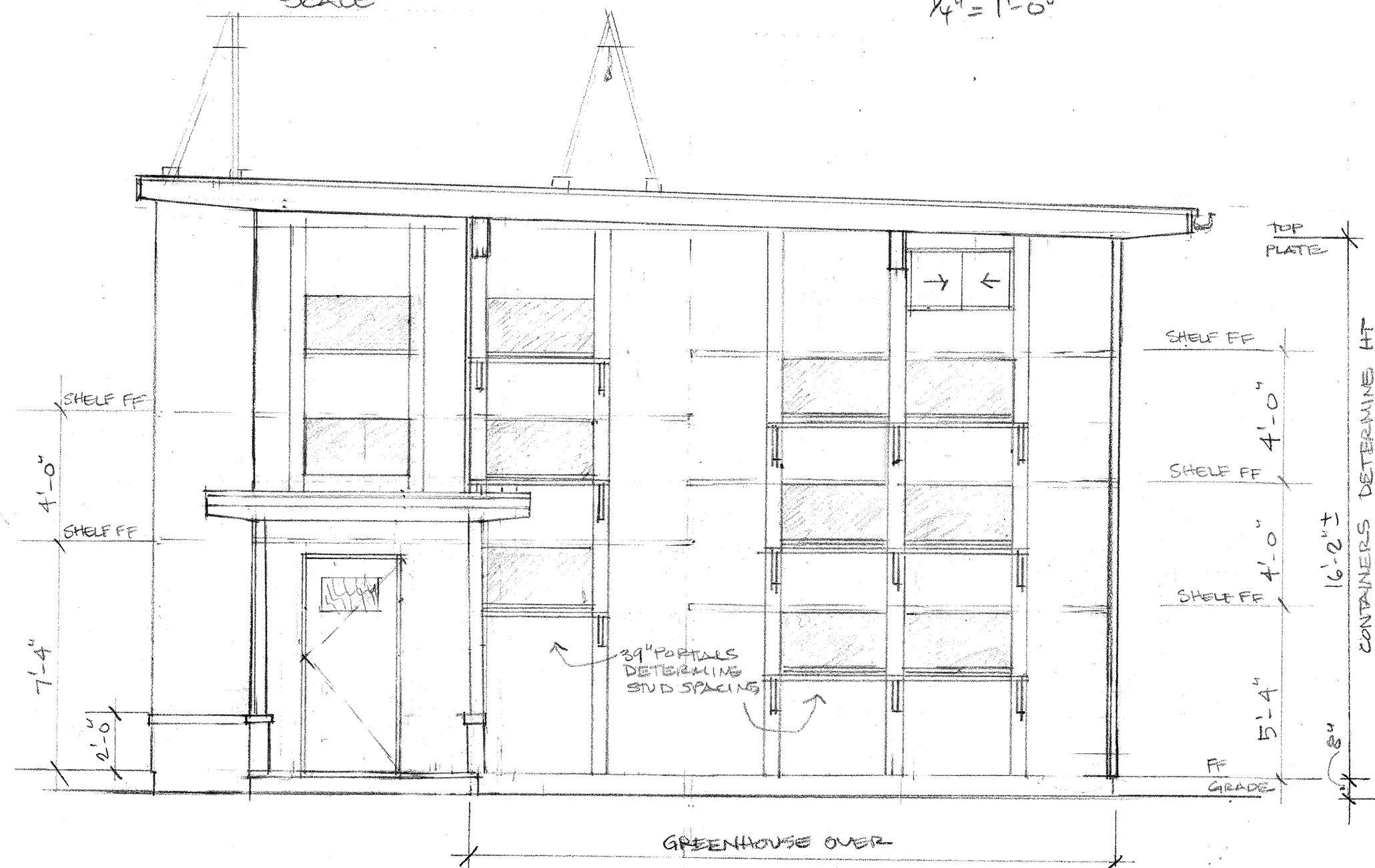


WEST ELEVATION

SCALE

1/4" = 1'-0"



EAST ELEVATION W/O G.H.

SCALE

1/8" = 1'-0"

Energy Code Information

	Required	Actual
Envelope	R-21	Wall 1 Dense pack cellulose in 2x6 wall cavity with 1/2 rigid under exterior sheathing = R Wall 2 Cork at portals, 2" exterior cork glued to 4" regular cork = R21
Roof	Vaulted = R-38	Rigid insul in 2x10 roof rafters and 1" venting over = R-38
Slab on Grade	R-10 for 2'	R10 for full area of slab on grade
Windows	U-.34	U-.28
Doors	U-.2	U-.2
Lighting	A min of 50% of luminaires shall be high efficiency	All luminaires to be high efficiency
Table 9-1 credit #6 Small dwelling	<1500sf <300sf window	Conditioned space = 540sf Window area = 24.5sf

Notes:

Use Prescriptive Option I

Air leakage shall be minimized by Sealing and weather-stripping per Section 502.4.3

Mechanical equipment shall be able to provide heating to maintain a min of 68 degrees 3' above the floor and 2' from exterior walls.

Use a min of 3157W and a max of 4737W FOR HEATING

Provide a programmable thermostat capable of a min5-2 programmable schedule (weekdays/weekends) and be capable of providing at least 2 programmable setback periods per day.

Plumbing: The total water flow for showers and lavatories shall not exceed 2gpm each with hot and cold water on at full capacity. Insulate all pipes.

Door and Window Schedule

Symbol	Location	WxH R.O.	Type	Remarks	Min. U-Value	How many	Total sq ft to exterior
A	Front, East Door	3-0x6-8	Swinging	Wood	.2	1	20
B	Back, West Door	3-0x6-8	Swinging	Wood	.2	1	20
C	South, East & West Windows	3-8x1-8	Side dbl sliding	Marvin Ultimate Fiberglass	.3	4	24.58
	Interior Bathroom Door	2-8x6-8	Exterior sliding	Wood	NA	1	NA
	Workshop Door	9-0x7-0	Barn	Simple	NA	1	NA
	South G.H. Door	3-0x6-8	Full Swinging	Simple	NA	1	NA
	Portals	39x19 5/8	Plug	2" ext. grade Cork over 4" int. grade Cork	R-21	18	NA

Notes:

All Egress hardware to be openable from the inside without the use of key or special knowledge

Energy Code Table 6-1 use prescriptive Option IV, Unlimited Glazing

T.G. = Tempered Glazing

NA = Not applicable

Contractor to verify dimensions before ordering windows and doors

Bridget Smith Consulting
7346 10th Ave NW
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206-781-8404

New House for
Greg Heil
4323 5th Ave NW, Seattle, WA 98107

East and West Elevations
Dr/Window Schedule & Energy Notes

Rev: 8/23/13

Date:
7/18/2013

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