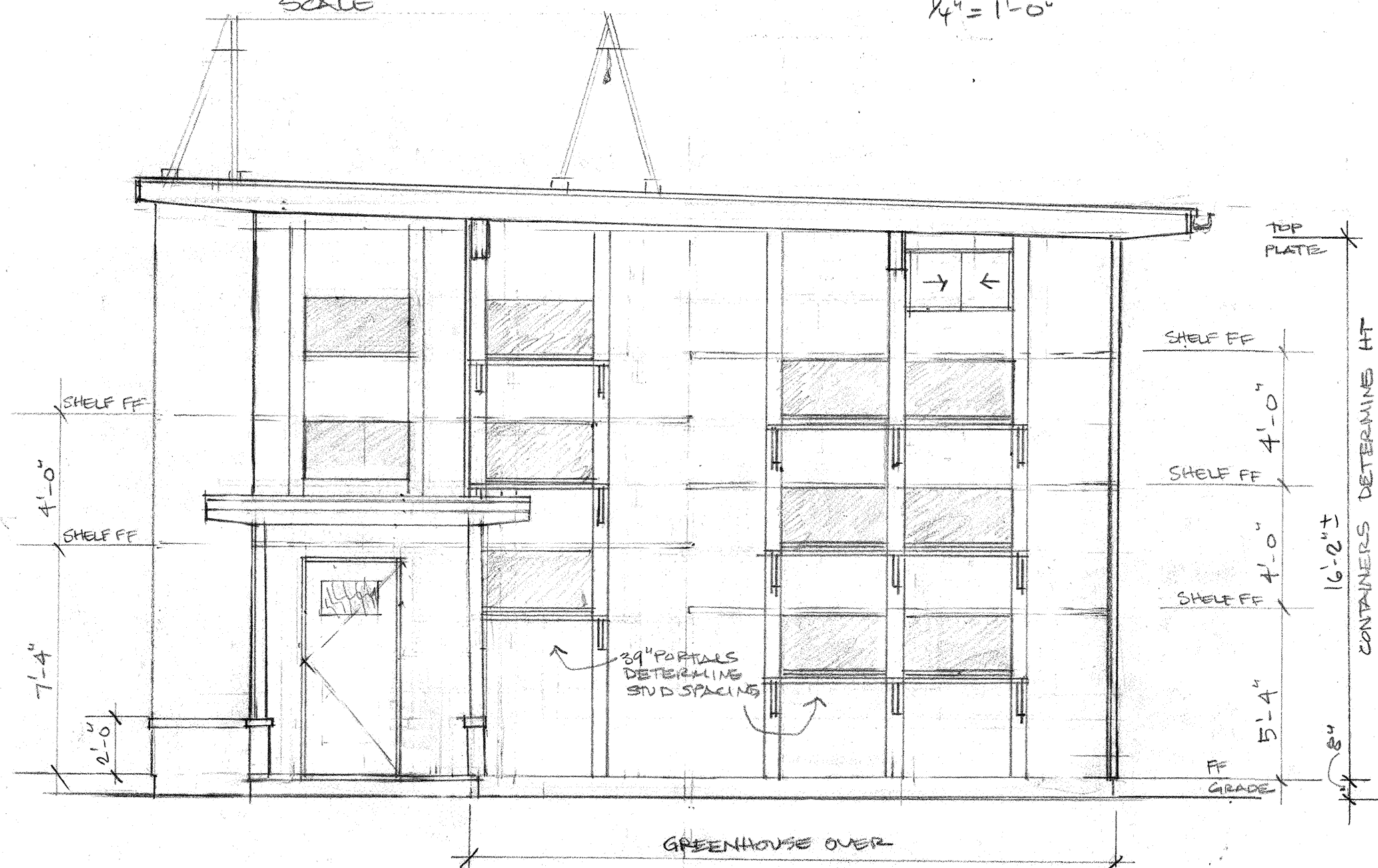


WEST ELEVATION  
SCALE

1/4" = 1'-0"



EAST ELEVATION W/O G.H.  
SCALE

1/3" = 1'-0"

### Energy Code Information

	Required	Actual
<b>Envelope</b>	R-21	<b>Wall 1</b> Dense pack cellulose in 2x6 wall cavity with 1/2 rigid under exterior sheathing = R <b>Wall 2</b> Cork at portals, 2" exterior cord glued to 4" regular cork = R21
<b>Roof</b>	Vaulted = R-38	Rigid insul in 2x10 roof rafters and 1" venting over = R-
<b>Slab on Grade</b>	R-10 for 2'	R10 for full area of slab on grade
<b>Windows</b>	U-.34	U-.28
<b>Doors</b>	U-.2	U-.2
<b>Lighting</b>	A min of 50% of luminaires shall be high efficiency	All luminaires to be high efficiency
<b>Table 9-1 credit #6 Small dwelling</b>	<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 electric heat using a min of 3157W and a max of 4737W

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 10<sup>th</sup> Ave NW  
Seattle, WA 98117  
206-781-8404

New House for  
Greg Heil  
4323 5<sup>th</sup> Ave NW, Seattle, WA 98107

East and West Elevations  
Dr/Window Schedule & Energy Notes

Rev:

Date:  
7/18/2013

A-5