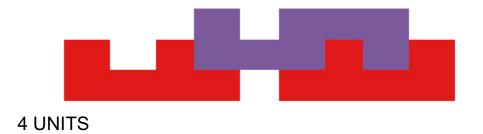


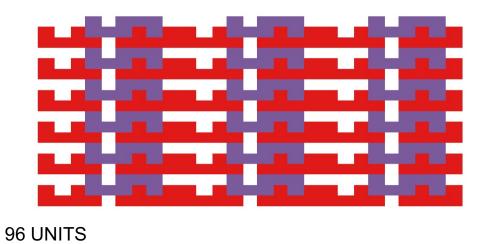
Patricia Paredes ARCH 3630 Prof. Aptekar

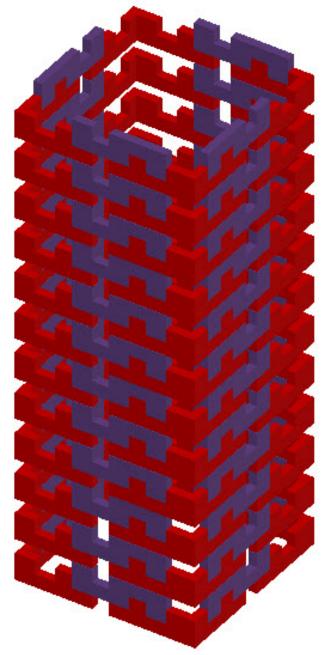
STACKING UNITS



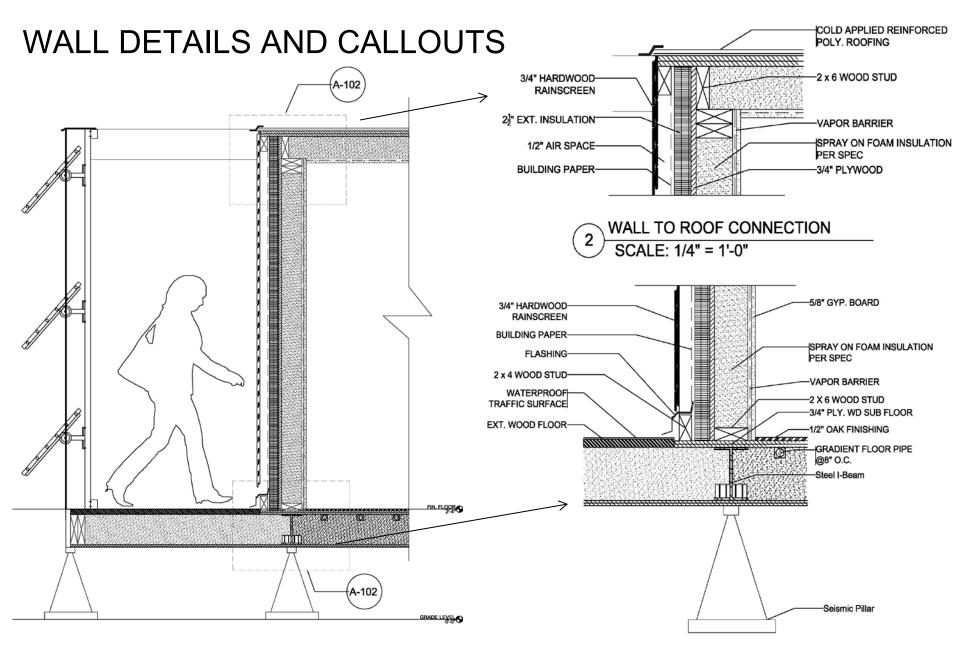


8 UNITS





PATRICIA PAREDES ARCH 3630



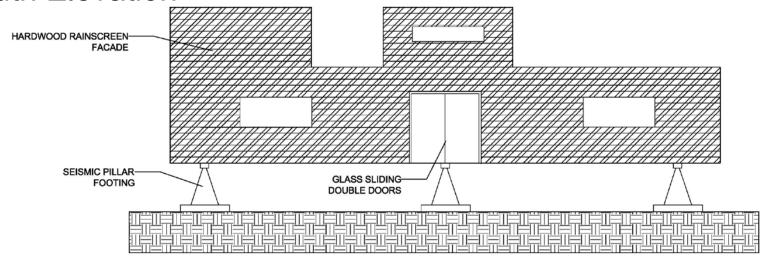
A TYP. WALL SECTION w/ PV PANELS

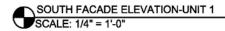
SCALE: 1/4" = 1'-0"

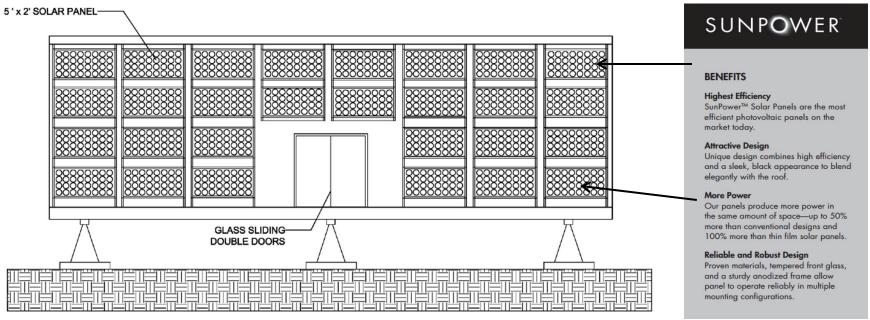
WALL TO FLOOR CONNECTION
SCALE: 1/4" = 1'-0"
PATE

PATRICIA PAREDES ARCH 3630

South Elevation







PREFAB DESIGN-TRANSPORTATION **FOLDING CONNECTION OCCUR** 46'-0<mark>1</mark>" UNIT 1 UNIT 2 The dotted line represent where within one unit

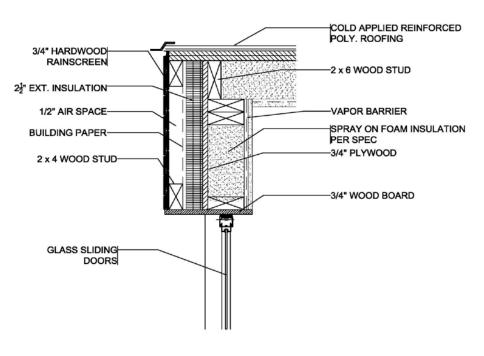


5 Trucks

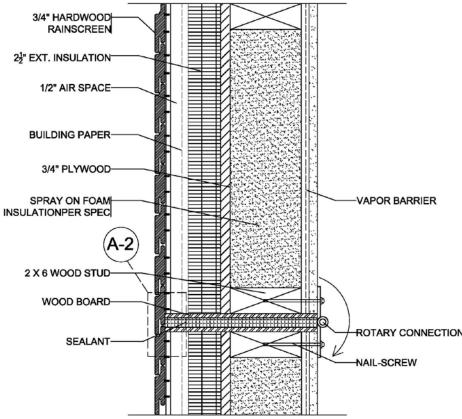
- 1 Truck for every 4 units (4 Trucks)
- 1 Truck for Tools and Additional Materials

- there is a folding connection.
- The folding connection helps to keep within the height requirement of the truck to transport every unit to its final destination.
- The folding connection will take place within the upper portion of every unit and fold at a 90 degree fold behind the unit base.

FOLDING CONNECTION DETAIL AND DOOR

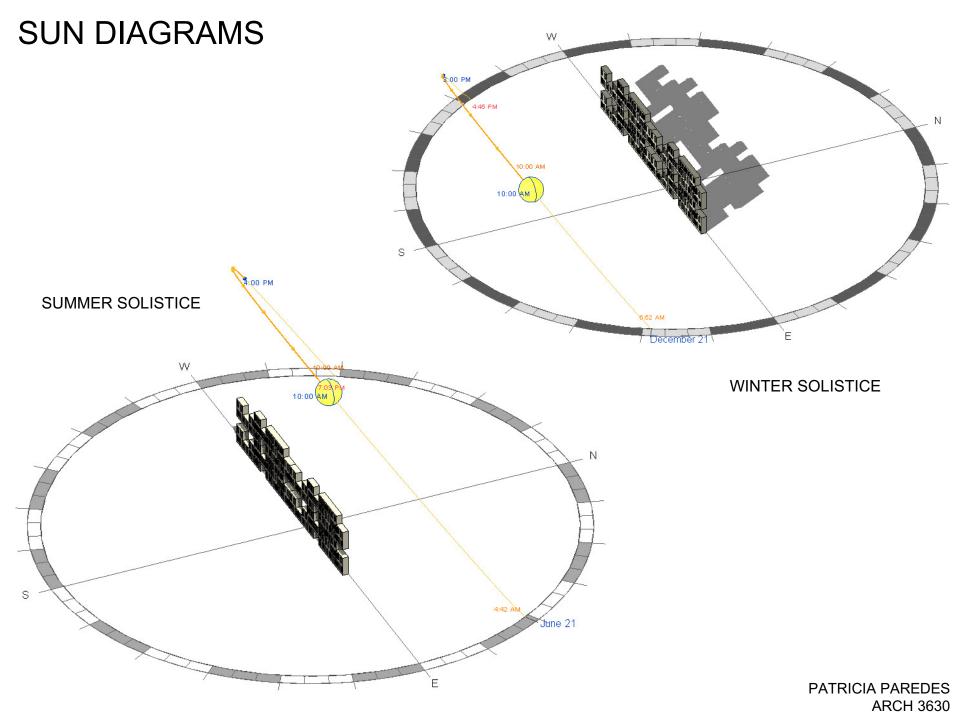


DOOR CONNECTION
SCALE: 1/4" = 1'-0"

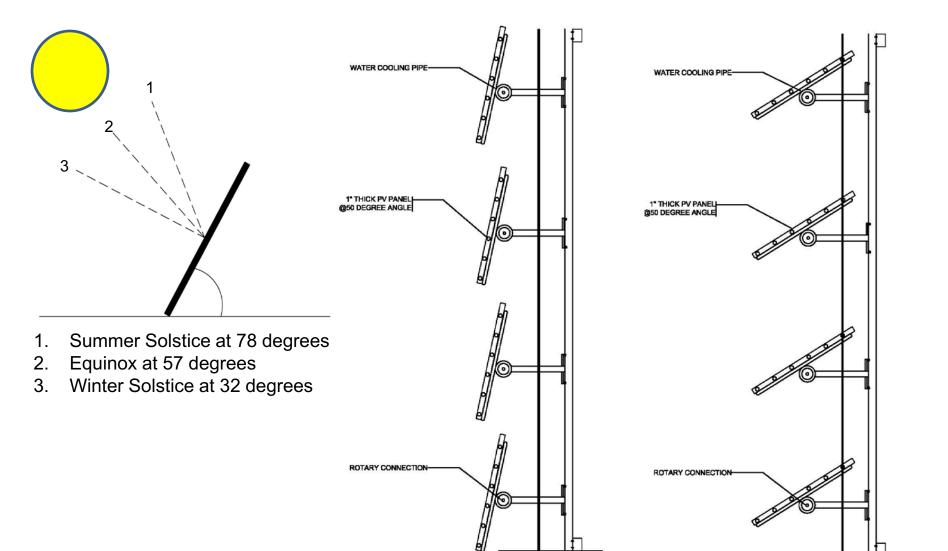


FOLDING CONNECTION
SCALE: 1/4" = 1'-0"

- The folding connection takes place within each modular unit.
- The rotary connections helps the top portion of the unit to fold behind the lower portion at a 90 degree angle.
- Unfolding the top portion of the unit, the rain screen façade will latch together (hook) and the gap will be secure with two wooden boards and sealant.

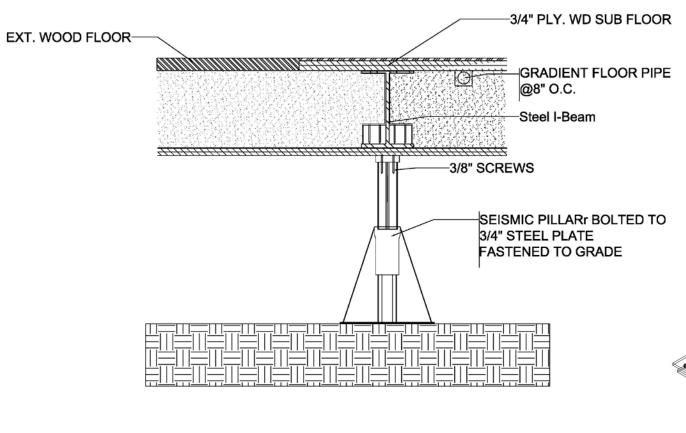


SUN DIAGRAMS-SOLAR PANEL



SUMMER SOLSTICE SCALE: 1/4" = 1'-0"

FOOTING DETAIL



FLOOR TO FOOTING CONNECTION SCALE: 1/4" = 1'-0"

Influenced by Team Ontario 2013

