

### FORCE IO ENGINEERED BUILDING SYSTEM

- Hurricane & Earthquake Resistant
- Fire, Rot & Mildew Resistant
- Insulated Walls & Roof for Energy Efficiency
- High Quality, Low Maintenance Materials
- Custom Designed Floor Plans for any Site

#### Force IO Floor System:

Pre-cut & pre-drilled galvanized steel joists and bearers bolted to galvanized steel columns which are cast into concrete footings. Fibercement-board, particle-board, plywood subfloor or hardwood planks are secured to galvanized steel framing with screws.

#### Force IO Wall Panel System:

3" thick galvanized steel and fibercement-board stress skin panels with fire-retardant polyurethane foam in wall cavity (R18). Wall panel is bolted to Force IO floor system (or concrete floor slab) with galvanized steel hex head bolts at 39" on center.

#### Force IO Roof System:

Pre-cut & pre-drilled galvanized steel roof truss components are assembled quickly on site and secured to panels with galvanized steel bolts at 39" on center. Galvanized steel purlins and pre-painted Galvalume roof sheathing are screwed to trusses. Pre-painted Galvalume fascia and gutter, radiant barrier insulation & fibercement-board soffits are supplied to complete the roof.

### WINDOW SCHEDULE

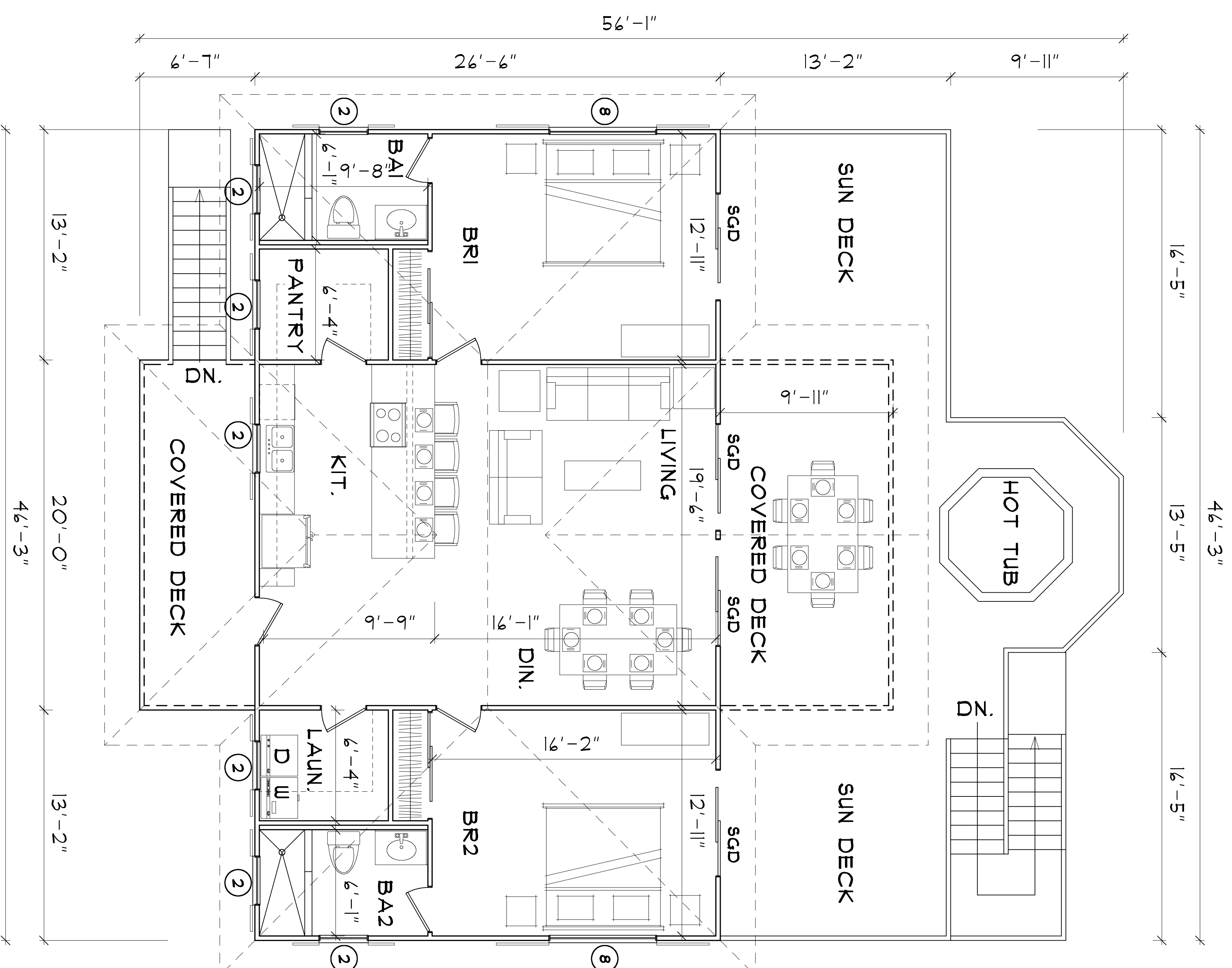
Symbol	Type	Size	Notes	Supplier
2	Double Hung	2/8 X 3/0	Screen	Force IO
3	Double Hung	2/8 X 4/0	Screen	Force IO
1	Double Hung	6/0 X 3/0	Screen	Force IO
8	Double Hung	6/0 X 4/0	Screen	Force IO

### CALCULATIONS

#### FLOORS

Interiors	1224 Square Feet
Covered Deck	331 Square Feet
Sun Deck & Stairs	661 Square Feet
<b>TOTAL</b>	<b>2216 Square Feet</b>

Roof 1917 Square Feet



### GROUND FLOOR PLAN

## INNOVATIVE BUILDERS

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### PLAN: BEACH HOUSE #1

