

**Exterior (Site) Program Elements** (listed for visitor orientation to assist marketing and training)  
 Approx 2 Acres or “undeveloped” 79,058 sqft.

| Area       | Sequence               |  |
|------------|------------------------|--|
| 10,000     | 7 <sup>th</sup>        | Parking (Cars and Busses) 30 cars, 5 busses (?)  |
| 1000 sqft  | 2012, 11 <sup>th</sup> | Fair grounds/ Public Square  |
| 1000 sqft  | 2012, 10 <sup>th</sup> | Farm Market area   |
| 4,500 sqft | 2012, 9 <sup>th</sup>  | Fruit Trees  |
| 2000 sqft  | 2012, 12 <sup>th</sup> | Animal Pens (Rabbits, Chickens [hens], Goats?, more?)  |
| 150 sqft   | 6 <sup>th</sup>        | Loading dock or station (2 bays)   |
| 250 sqft   | 2 <sup>nd</sup>        | Storage Spaces(Tools, Materials [construction + project], plastic (hoop roofs), wheel barrows, shovels, CAT? Trucks, 5 Gallon Buckets, |
| 250 sqft   | 2 <sup>nd</sup>        |  |
| 2000 sqft  | 1 <sup>st</sup>        | Compost Stockpile: Carbons (Cellulose) and Nitrogen Sources (1k Yards)   |
| 57,900sqft | 3 <sup>rd</sup>        | Compost Windfalls rows (3’ wide, 18” walks, 12,866 Linear feet)  |
| 48,250sqft | 4 <sup>th</sup>        | With hoop house (20’ wide, 6’ between ) foundations,   |
| 98,900sqft | 7 <sup>th</sup>        | Roof: plastic in fall, steel 2150 Linear Feet (3x purlins, 31’ rib/20’,+)  |
| 46,000sqft | 8 <sup>th</sup>        | Planted with Micro Greens, or rotated seasonal crops?  |
| 750 sqft   |                        | Hot mix (high Nitrogen) for winter 4’x4’x4’ cubes  |
| 57,900sqft | 5 <sup>th</sup>        | Seasonal Gardens, Fall of 2011; produce possible or Stock Crops?   |
| 46,000sqft | 2012, 8 <sup>th</sup>  | Raised beds,   |
| buildings  | Schematic              | Pots’ exterior location (for each building, when ventilation inssuff.  |
|            | Actualize              | Solar Resources  |
|            | Crop Dep.              | Angled for max production, snow shedding, cleaning access?   |
| KW need?   | Survey                 | Solar demand of farming production   |
| TΔ need?   | Survey                 | PV (photo-voltaic) suited locations  |
| Vol. /use? | Survey                 | Solar Thermal (hot water) suited Locations   |
|            | Survey                 | Rain Catchment and Storage   |

**Interior Program Elements: 13,440 sqft x 1.75 [lofted second floors]?**

| Area(sqft) | Sequence        |  |
|------------|-----------------|--|
| 400        | 8 <sup>th</sup> | Lobby/ Farm store (year round)                                     |
| 400        | 2 <sup>nd</sup> | Office Space   |
| 3,200      | 6 <sup>th</sup> | Class Rooms (two 40x40)  |
| [10,000]   | 3 <sup>rd</sup> | Greenhouse space (Requires roof retrofit and drainage)             |
| _[3500]    |                 | Micro Greens (Tray cycling: 3 days dark, 2 sprouting, 2 daylight)  |
| _[3500]    |                 | Potted Plants  |
| _[3000]    |                 | Circulation (Carts, hoses, people)                                 |
| _[below]   |                 | Watering infrastructure (hoses) (with floor drain?)                |
| _Above     |                 | Mushrooms in this space?   |
| 6,000      | 1 <sup>st</sup> | Indoor Composting  |
| _4,000     |                 | Bins for Vermiculture  |
| _1500      |                 | Sifting and sorting space  |
| _500       |                 | Circulation for wheel barrows                                      |
| Above      |                 | Mushrooms in this space?   |
| [2,000]    | 7 <sup>th</sup> | Aquaponics   |
| _[1800]    |                 | Three tiered system (above ground, 9x 4' by 8' systems)            |
| (varies)   |                 | Heating system (Solar Thermal, Bio-mass, Syn-gas, or utility gas?) |
| _[200]     |                 | Pumps, filters,  |
| 2000       | 9 <sup>th</sup> | Artist Exhibit Hall or Studios (non-productive space)              |
|            |                 | On exterior doors (patio exhibit/work space) West side of VMB #2   |
| 500        | 5 <sup>th</sup> | Kitchen  |
| [100]      |                 | Washing Station (gateway to processing area)                       |
| [100]      |                 | Processing area (with floor drain)"clean room"                     |
| [300]      |                 | Kitchen, "clean room" (with floor drain)                           |
| _75        |                 | Prep Area (for distribution)                                       |
| _150       |                 | Stoves, Oven, and Cooking Area                                     |
| _50        |                 | Dishware storage   |
| _100       |                 | Dishware washing   |
| _125       |                 | Pantry/Storage   |
| 400        | 1 <sup>st</sup> | Shipping & Receiving (Connect to Loading dock)                     |
| [300]      | 4 <sup>th</sup> | Storage Space (boots, gloves, Volunteer and staff Lockers, tools,  |
| 200        | 1 <sup>st</sup> | Utility Closets  |
| 250        | 1 <sup>st</sup> | Restrooms (Office and Greenhouse, sized for 50 staff?)             |

February 13, 2011

[3]

Schematic program for Southport Station

Produced by **AFH-Indianapolis** Chapter

Project Lead: Stewart Whitcomb,

Input: Linda Proffitt and **Global Peace Initiative**  
**Growing Power** Training Session (CUA group)

### **Further Development,**

AFH design meeting for Schematic Layout of 150 Van Dyke Street, Southport IN.

Survey and assessment of 150 Van Dyke Street's four (4) Buildings

Deliverables: First Year Schematic Plan, Second Year Schematic Plan, Fourth Year Schematic Plan

Meet with Global Peace Initiative for affirmation of plan

AFH Graphic Presentation of First year, and Fourth Year Schematic Plans

Verify Structural requirements of VMB #1, #2 and #3 for roof retrofit

Research transparent materials ('Polygal', 6 Mil plastic, etc.)

Green house processes workshop

Venting, Shade cloth, snow removal, safety, rain catchment,

Present to Global Peace Initiative for final comments and feed back

Final booklet, Presentation material, web graphics, or similar aids provided

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[4]

Schematic program for Southport Station

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Project Lead: Stewart Whitcomb,

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### **2011 AFH Indianapolis Chapter Meeting; Spring Program**

Date: 2/22/2011      Time: 6.00-8.00PM      Venue: The Hagerman Group's Conference Room.  
Please bring trace paper, pens, markers, pencils, scales/rulers, tape and protractors if you have them available for a mini-design Charrette this month.

#### **Agenda:**

Call to Order (Agenda Walkthrough)

Chapter Marketing Committee

    Activity Update

    Future Plans

Chapter Social and Volunteering Committee

    Activity Update

    Future Plans

Chapter Progress Committee

    Activity Update,

    Global Peace Initiatives Project Phases                      and      Deliverables

        Phase 1; Site Design

        Site Plans, Year 3, Year 5 (full),

        Phase 2; Roof Retrofits

        Roof Demo and Construction Doc

        Phase 3; Interior Lofts and Modifications

        1<sup>st</sup> Demo & floor plans, 2<sup>nd</sup> Floor plans

        Phase X; Art Installation at IMA

        Plans, Graphic Presentation

    Concept: Growing Power

        Slideshow of trip and concepts

    Phase 1, Southport Station Site Design Charrette

        Distribute and Explain Site plans

        Distribute and Explain Program

        Form Work Groups 5 to 8 people

Presentation for Full Operations (5<sup>th</sup> Year) Schematic presentation

Solidify Groups, schedule future Committee meetings, set **deadline**.