





PROJECT
AZ/Langstroth Hive

## TITLE <br> Left Side Angle Location

| APPROVED | SIZE | CODE | DUG NO | REV |  |
| :--- | :---: | :---: | :--- | :--- | :--- |
| CHECKED | A |  |  |  |  |
| DRAWN $\quad$ Ronald Ringel $11 / 19 / 2017$ | SCALE $1: 5$ | WEIGHT | SHEET $5 / 30$ |  |  |
| 4 |  |  |  |  |  |



PROJECT
AZ/Langstroth Hive
TITLE
Top

| APPROVED | SIZE | CODE | DUG NO | REV |  |  |
| :--- | :---: | :---: | :--- | :--- | :---: | :---: |
| CHECKED | A |  |  |  |  |  |
| DRAWN Ronald Ringel $11 / 19 / 2017$ | SCALE $1: 16$ | WEIGHT | SHEET 6/30 |  |  |  |
| $\triangle$ |  |  |  |  |  |  |



PROJECT
AZ/Langstroth Hive
TITLE
Bottom



PROJECT

## AZ/Langstroth Hive

## TITLE

## Inner Front





Upper \& MIddle


Spacers are Identical





Screened ventilation hole not shown


Note: Trim 13" Dimension to provide clearance

PROJECT
AZ/Langstroth Hive
TITLE
Front Door

| APPROVED |  |  | $\begin{gathered} \text { SIZE } \\ \text { A } \end{gathered}$ | CODE | DWG NO |  | REV |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| CHECKED |  |  |  |  |  |  |  |
| DRAWN | Ronald Ringel | 11/19/2017 | SCALE 1:4 |  | WEIGHT | SHEET 12/30 |  |
| ¢ $\triangle$ 边 |  |  |  |  |  |  |  |





PROJECT
AZ/Langstroth Hive
TITLE
Assembled Door

| APPROVED | SIZE | CODE | DUG NO | REV |
| :--- | :---: | :---: | :--- | :--- | :--- |
| CHECKED | A |  |  |  |
| DRAWN Ronald Ringel $11 / 19 / 2017$ | SCALE $1: 10$ | WEIGHT | SHEET $14 / 30$ |  |




AZ/Langstroth Hive

## TITLE

Door - Stiles \& Rails

| APPROVED | SIZE | CODE | DUG NO | REV |
| :--- | :---: | :---: | :--- | :--- | :--- |
| CHECKED | A |  |  |  |
| DRAWN Ronald Ringel $11 / 19 / 2017$ | SCALE $1: 16$ | WEIGHT | SHEET $15 / 30$ |  |




Note: Left Stile is Mirror Image of Right Stile


PROJECT
AZ/Langstroth Hive
TITLE
Door - Stiles

| APPROVED | SIZE | CODE | DWG NO | REV |  |
| :--- | :---: | :---: | :--- | :--- | :--- |
| CHECKED | A |  |  |  |  |
| DRAWN Ronald Ringel $11 / 19 / 2017$ | SCALE $1: 5$ | WEIGHT | SHEET $17 / 30$ |  |  |
| 4 |  |  |  |  |  |



PROJECT
AZ/Langstroth Hive

## TITLE

Door - Handle


Note: Trim door panel to allow for expansion/contraction.
Raised panel can be used.


AZ/Langstroth Hive
TITLE
Door - Panel





PROJECT
AZ/Langstroth Hive
TITLE
Slat Divider

| APPROVED | SIZE | CODE | DG NO | REV |
| :--- | :---: | :--- | :--- | :--- | :--- |
| CHECKED | A |  |  |  |
| DRAWN $\quad$ Ronald Rigel $11 / 19 / 2017$ | SCALE $1: 10$ | WEIGHT | SHEET 21/30 |  |



SECTION A-A
SCALE 1:3









AZ/Langstroth Hive
TITLE
Varroa Screen P1




|  | $\begin{aligned} & \text { PROJECT } \\ & \text { AZ/Langstroth Hive } \end{aligned}$ |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{aligned} & \text { TMEIE } \\ & \text { Varroa Tray } \end{aligned}$ |  |  |  |  |
| APPROVED | CODE |  | DWG NO |  | REV |
| CHECKED |  |  |  |  |  |
| DRAWN Ronald Ringel 11/19/2017 | SCALE 1:4 |  | WEIGHT | SHEET 29/30 |  |
|  |  |  |  |  |  |

## Queen Excluder:

Metal bound 10 Frame Langstroth queen exlcuder. E.g. Mann Lake HD-120.

## Queen Excluder/Divider Supports:

Aluminum angle $-\frac{1}{2} \times \frac{1}{2} \times \frac{1}{16}$.
Plans show length of $18 \frac{1}{16}$, but a 3 foot section cut in half should work.

## Frame Support Rods:

Steel $\frac{3}{8} \times 167 / 8$.


