<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>Description</th>
<th>Part Number</th>
<th>QTY.</th>
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<tbody>
<tr>
<td>1</td>
<td>1.25 x 104 corner pipe</td>
<td>TE-13001-03</td>
<td>4</td>
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<tr>
<td>2</td>
<td>1.25 Corner plate</td>
<td>TE-13001-01</td>
<td>12</td>
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<tr>
<td>3</td>
<td>1.25 Level 1 pipe</td>
<td>TE-13001-04</td>
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<tr>
<td>4</td>
<td>1.25 Level 2 pipe</td>
<td>TE-13001-05</td>
<td>4</td>
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<td>5</td>
<td>1.25 Level 3 pipe</td>
<td>TE-13001-06</td>
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<td>6</td>
<td>Leg Support</td>
<td>TE-13001-02</td>
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<tr>
<td>7</td>
<td>Bottom Bracket</td>
<td>TE-13001-12</td>
<td>8</td>
</tr>
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<td>8</td>
<td>U-Bolt for 1-1/4&quot; Pipe</td>
<td></td>
<td>48</td>
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<tr>
<td>9</td>
<td>HBOLT 0.375-16x3</td>
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<tr>
<td>10</td>
<td>HBOLT 0.375-16x2.5</td>
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<td>11</td>
<td>HNUT 0.375-16</td>
<td></td>
<td>28</td>
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<tr>
<td>12</td>
<td>Upper Standoff</td>
<td>TE-13001-07</td>
<td>4</td>
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<tr>
<td>13</td>
<td>Upper Deck</td>
<td>TE-13001-08</td>
<td>1</td>
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<tr>
<td>14</td>
<td>Upper fence</td>
<td>TE-13001-09</td>
<td>4</td>
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<tr>
<td>15</td>
<td>Center Post</td>
<td>TE-13001-10</td>
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<td>16</td>
<td>Top</td>
<td>TE-13001-11</td>
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<td>17</td>
<td>Deck Screw #8X2.5</td>
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<tr>
<td>18</td>
<td>2/0 Twisted Link</td>
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<td>19</td>
<td>HNUT 1/4-20 for U-bolt</td>
<td></td>
<td>96</td>
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</tbody>
</table>
Dimensions are in inches. Tolerances:
- Fractional: ±1/32
- Angular: Mach ±1 Bend ±1.0
- Two place decimal: ±0.01
- Three place decimal: ±0.001

MATERIAL: 3/4" Plywood
FINISH

All hole thru holes
DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL ± 1/32
ANGULAR: MACH ± 1 BEND ± 1.0
TWO PLACE DECIMAL ± 0.01
THREE PLACE DECIMAL ± 0.001

MATERIAL:
2X4 Pine Board
FINISH:

TE-13001-02

DRAWN: MK  9-14-12
CHECKED: MCYR  9-14-12

NAME DATE
200 Bedford Street, Manchester, NH 03101
(603) 666-3906 • FAX (603) 666-3901

DO NOT SCALE DRAWING
SCALE: 1:2
WEIGHT:
SHEET 3 OF 18

TE-13001
DETAIL A
SCALE 1:2

∅ .38 Thru Hole 7 pcs.

∅ 1.66

DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL ± 1/32
ANGULAR: MACH ± 1 BEND ± 1.0
TWO PLACE DECIMAL ± .01
THREE PLACE DECIMAL ± .001

MATERIAL
1-1/4" Black Iron Pipe
FINISH
Deburred

TE-13001-03

FIRST
200 Bedford Street, Manchester, NH 03101
(603) 666-3906 -- FAX (603) 666-390

NAME DATE
MK 9-14-12
MCYR 9-14-12

REV

SIZE DWG. NO.
A TE-13001

SCALE: 1:24 WEIGHT: SHEET 4 OF 18
1-1/4" Black Iron Pipe
Deburred

DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL: ± 1/32
ANGULAR: MACH ± 1 BEND ± 1.0
TWO PLACE DECIMAL: ± 0.01
THREE PLACE DECIMAL: ± 0.001

SCALE: 1:16 WEIGHT:
DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL ± 1/32
ANGULAR: MACH ± 1° BEND ± 1.0
TWO PLACE DECIMAL ± .01
THREE PLACE DECIMAL ± .001
MATERIAL: 1-1/4" Black Iron Pipe
FINISH: Deburred

SCALE: 1:12
WEIGHT:
SHEET 6 OF 18

TITLE: TE-13001-05

NAME: MCYR  DATE: 9-14-12
DRAWN: MK  CHECKED: MK

200 Bedford Street, Manchester, NH 03101
(603) 666-390 -- FAX (603) 666-390
DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL: ± 1/32
ANGULAR: MACH ± 1°  BEND ± 0.01
TWO PLACE DECIMAL: ± 0.01
THREE PLACE DECIMAL: ± 0.001

MATERIAL:
1-1/4" Black Iron Pipe
FINISH:
Deburred

SCALE: 1:8
WEIGHT:
SHEET 7 OF 18

24.25

(Ø 1.38 ID )

(Ø 1.66 OD )
DIMENSIONS ARE IN INCHES

TOLERANCES:
FRACTIONAL: ± 1/32
ANGULAR: MACH ± 1° BEND ± 1.0°
TWO PLACE DECIMAL: ± 0.01
THREE PLACE DECIMAL: ± 0.001

MATERIAL:
2X4 Pine Board

FINISH

NAME DATE
DRAWN MK  9-14-12
CHECKED MCRY  9-14-12

NAME DATE
CHECKED MCRY  9-14-12

SCALE: 1:4
WEIGHT:

TE-13001-07

SHEET 8 OF 18
TE-13001-08

Title:

Dimensions are in inches.

Tolerances:
- Fractional: ±1/32
- Angular: Mach ±1 Bend ±1.0
- Two place decimal: ±0.01
- Three place decimal: ±0.001

Material:
- 1/2" Plywood

Finish:

Scale: 1:8
Weight:

Sheet 9 of 18
Dimensions are in inches.

Tolerances:
- Fractional: ± 1/32
- Angular: Mach ± 1 Bend ± 1.0
- Two Place Decimal: ± .01
- Three Place Decimal: ± .001

Material: 1/4" or 1/2" Plywood
Finish:

Title: TE-13001-09

Size: A

Drawing Number: TE-13001

Scale: 1:8

Name: MK
Date: 9-14-12

Checked: MCYR
Date: 9-14-12
DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL: ± 1/32
ANGULAR: MACH ± 1 BEND ± 1.0
TWO PLACE DECIMAL: ± 0.01
THREE PLACE DECIMAL: ± 0.001

MATERIAL:
1/2" Plywood
FINISH

DO NOT SCALE DRAWING

NAME | DATE
--- | ---
MK | 9-14-12
MCRY | 9-14-12

DRAWN | CHECKED
--- | ---
MK | MCRY

TITLE:
TE-13001-11

SHEET 12 OF 18

SCALE: 1:2
WEIGHT:

ADDRESS:
200 Bedford Street, Manchester, NH 03101
(603) 666-3906 -- FAX (603) 666-390
All hole thru holes

\[ \phi .21 \]
3 plcs.

\[ .38 \]

\[ .38 \]

\[ .38 \]

\[ .63 \]

\[ 1.00 \times 45^\circ \]
2 plcs.

\[ (1.50) \]
3.00

\[ \phi .38 \]

\[ .19 \]

1.50

\[ 1.50 \]

\[ 2 \text{ plcs.} \]

\[ 3 \text{ plcs.} \]

\[ 1.50 \times 45^\circ \]

<table>
<thead>
<tr>
<th>NAME</th>
<th>DATE</th>
</tr>
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<tbody>
<tr>
<td>MK</td>
<td>9-14-12</td>
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<th>DATE</th>
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<tbody>
<tr>
<td>MCYR</td>
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<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>MAT</th>
<th>FINISH</th>
<th>SCALES</th>
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<tbody>
<tr>
<td>ALL HOLE THRU HOLES</td>
<td>Steel Angle</td>
<td>Deburred</td>
<td>1:1</td>
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</tbody>
</table>

DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL : ± 1/32
ANGULAR: MACH±.1 BEND±1.0
TWO PLACE DECIMAL: ±.01
THREE PLACE DECIMAL : ±.001
Make 8 assemblies as shown
Make 4 more without triangular leg support
Top assembly does not have brace installed

Make 4 assemblies
Raw Materials Needed:
1. 1/2" thick plywood, QTY 1 sheets
2. 2 x 4 x 8ft Pine Lumber, QTY 4
3. 2 x 4 x 10ft Pine Lumber, QTY 2
4. 3" Wood Screws, QTY 12
5. 1-1/2" Wood Screws, QTY ~20
6. Wood Glue, as required

FIRST
200 Bedford Street, Manchester, NH 03101
(603) 666-3906 -- FAX (603) 666-3907

High Goal, Team Version

<table>
<thead>
<tr>
<th>ITEM</th>
<th>QTY</th>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
</tr>
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<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>TE-13002-01</td>
<td>High Goal Panel</td>
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<tr>
<td>2</td>
<td>1</td>
<td>TE-13002-02</td>
<td>Top Brace</td>
</tr>
<tr>
<td>3</td>
<td>2</td>
<td>TE-13002-03</td>
<td>Vertical Brace</td>
</tr>
<tr>
<td>4</td>
<td>2</td>
<td>TE-13002-04</td>
<td>Bottom Brace</td>
</tr>
<tr>
<td>5</td>
<td>2</td>
<td>TE-13002-05</td>
<td>Leg</td>
</tr>
<tr>
<td>6</td>
<td>2</td>
<td>TE-13002-06</td>
<td>Gusset</td>
</tr>
</tbody>
</table>
Assembly Step 1

Using 1-1/2" wood screws attach Item 1 to Items 2 and 3 as shown. Glue if desired.

Assembly Step 2

Using 3" wood screws attach Item 4 to Item 5 as shown. Both ends.
Using 3" wood screws attach assembly from Step 1 to the assembly from step 2 as shown. Items should be flush on the outer side of the assembly.

Assembly Step 3

Using 3" wood screws attach Item 4 as shown.

Assembly Step 4

Attach Item 6 to the assembly from Step 3 using 1-1/2" wood screws. Glue if desired.
Raw Materials Needed:
1. 1/2" thick plywood, QTY 1 sheets
2. 2 x 4 x 8 ft Pine Lumber, QTY 4
3. 2 x 4 x 10 ft Pine Lumber, QTY 2
4. 3" Wood Screws, QTY 12
5. 1-1/2" Wood Screws, QTY ~20
6. Wood Glue, as required
Assembly Step 1

Using 1-1/2" wood screws attach Item 1 to Items 2 and 3 as shown. Glue if desired.

Assembly Step 2

Using 3" wood screws attach Item 4 to Item 5 as shown. Both ends.
Assembly Step 3

Using 3" wood screws attach assembly from Step 1 to the assembly from step 2 as shown. Items should be flush on the outer side of the assembly.

Assembly Step 4

Using 3" wood screws attach Item 4 as shown.

Attach Item 6 to the assembly from Step 3 using 1-1/2" wood screws. Glue if desired.
Raw Materials Needed:
1. 1/2" thick plywood, QTY 2.5 sheets
2. 2 x 4 x 8 pine lumber, QTY 6
3. 3" wood screws, QTY 8
4. 1-1/2" wood screws, QTY ~30
5. Wood glue, as required

<table>
<thead>
<tr>
<th>ITEM</th>
<th>QTY</th>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
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<td>TE-13004-01</td>
<td>Low Goal Panel</td>
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<tr>
<td>2</td>
<td>2</td>
<td>TE-13004-02</td>
<td>Front Brace, Horizontal</td>
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<tr>
<td>3</td>
<td>2</td>
<td>TE-13004-03</td>
<td>Front Brace, Vertical</td>
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<tr>
<td>4</td>
<td>1</td>
<td>TE-13004-04</td>
<td>Leg Brace</td>
</tr>
<tr>
<td>5</td>
<td>2</td>
<td>TE-13004-05</td>
<td>Leg</td>
</tr>
<tr>
<td>6</td>
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<td>Gusset</td>
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<tr>
<td>7</td>
<td>1</td>
<td>TE-13004-07</td>
<td>Feeder Panel</td>
</tr>
</tbody>
</table>
Using 1-1/2" wood screws attach Items 1 and 7 (QTY 2) to Items 2 and 3 as shown. Glue if desired.

Assembly Step 1

Using 3" wood screws attach Item 4 to Item 5 as shown. Both ends.

Assembly Step 2
Using 3" wood screws attach assembly from Step 1 to the assembly from step 2 as shown.

Attach Item 6 to the assembly from Step 3 using 1-1/2" wood screws. Glue if desired.

Assembly Step 3

Assembly Step 4

TE-13005-01 (Qty 1)
Material: 1/2" plywood

TE-13005-02 (Qty 2)
Material: 2x4 Pine Lumber

Feeder/ Low Goal, Team Version

200 Bedford Street, Manchester, NH 03101
(603) 666-3906 -- FAX (603) 666-3907

DRAWN

CHECKED

TOLERANCES: (INCHES)

FRAC.     +/-  1/32

.00  +/-  .01

.000  +/-  .005

ANGULAR  +/-  .25 Deg.
Raw Materials Needed:
1. 1/2" thick plywood, QTY 2.5 sheets
2. 2 x 4 x 8ft Pine Lumber, QTY 6
3. 3" Wood Screws, QTY 8
4. 1-1/2" Wood Screws, QTY ~30
5. Wood Glue, as required
Using 1-1/2" wood screws attach Item 6 (QTY 2) to Items 1 and 2 as shown. Glue if desired.

Using 3" wood screws attach Item 4 to Item 3 as shown. Both ends.

Assembly Step 1

Assembly Step 2
Using 3" wood screws attach assembly from Step 1 to the assembly from step 2 as shown.

Assembly Step 3

Attach item 5 to the assembly from Step 3 using 1-1/2" wood screws. Glue if desired.

Assembly Step 4