<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
<th>QTY.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>TE-23101</td>
<td>SST Top Panel</td>
<td>1</td>
</tr>
<tr>
<td>2</td>
<td>TE-23105</td>
<td>SST Bottom Panel</td>
<td>1</td>
</tr>
<tr>
<td>3</td>
<td>TE-23109</td>
<td>SST Base</td>
<td>1</td>
</tr>
<tr>
<td>4</td>
<td>TE-23111</td>
<td>SST Support</td>
<td>1</td>
</tr>
<tr>
<td>5</td>
<td>TE-23113</td>
<td>SST Field Perimeter</td>
<td>1</td>
</tr>
<tr>
<td>6</td>
<td>TE-23114</td>
<td>SST Small Vertical</td>
<td>2</td>
</tr>
<tr>
<td>7</td>
<td>TE-23115</td>
<td>SST Large Vertical</td>
<td>2</td>
</tr>
<tr>
<td>8</td>
<td>TE-23118</td>
<td>Chute Door</td>
<td>1</td>
</tr>
<tr>
<td>9</td>
<td>hex_.25_20_2.5_partial</td>
<td>Steel Hex Head Screw, 1/4&quot;-20 x 2&quot;-1/2&quot; long, partially threaded</td>
<td>2</td>
</tr>
<tr>
<td>10</td>
<td>hex_.25_20_3.5_partial</td>
<td>Steel Hex Head Bolt, 1/4-20 x 3.5&quot;, partially threaded</td>
<td>18</td>
</tr>
<tr>
<td>11</td>
<td>nylock_.25_20</td>
<td>Steel Nylon-Insert Locknut, 1/4&quot;-20</td>
<td>20</td>
</tr>
</tbody>
</table>

UNLESS OTHERWISE SPECIFIED:

DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL: 1/16
ANGULAR: MACH .1° BEND .1°
TWO PLACE DECIMAL: 1/13
THREE PLACE DECIMAL: 1/125

MATERIAL/FINISH:

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COMMENTS:
REMOVE ALL BURRS AND SHARP EDGES.

DO NOT SCALE DRAWING

Single Substation

TEAM
NAME
DATE
12/29/2022
DRAWN NE

SIZE
DWG. NO.
REV
C
TE-23100

SCALE: 1:5
SHEET 1 OF 4
ASSEMBLE 1, 2, 3, 6, AND 7 TOGETHER USING 7 OF 10 AND 7 OF 11

NOTE: ALL NUTS AND BOLTS ARE USED FOR EASE OF ASSEMBLY/DISASSEMBLY. THESE MAY BE REPLACED WITH NUMBER 8 WOOD SCREWS FOR USER WITH THE ABILITY TO STORE A FULLY ASSEMBLED WOODEN SINGLE SUBSTATION. 3" NUMBER 8 WOOD SCREWS ARE RECOMMENDED.

DO NOT SCALE DRAWING
ATTACH 4 WITH 4 OF 10 AND 4 OF 11
ATTACH 5 WITH 2 OF 9 AND 2 OF 11

NOTE: THE DISTANCE BETWEEN THE RAMP AND THE INSIDE OF THE FIELD PERIMETER VARIES BASED ON FIELD PERIMETER MANUFACTURER. DETAILS CAN BE FOUND IN THE MANUAL.

ATTACH 8 WITH 4 CABLE TIES. FASTEN LOOSE ENOUGH TO FUNCTION AS A HINGE.

8 IS AN OPTIONAL PART. SEE DRAWING OF PART FOR MORE DETAILS.
**ITEM NO.** | **PART NUMBER** | **DESCRIPTION** | **QTY.**
--- | --- | --- | ---
1 | TE-23102 | SST Width Piece | 2
2 | TE-23103 | SST Top Length | 2
3 | TE-23104 | SST Top Hardboard | 1

**CENTERED (1/8" OF SPACE PER SIDE)**

**FLUSH WITH MITER CUT**

**HOLE MUST BE VISIBLE AND USABLE AFTER ASSEMBLY**

**ASSEMBLE WITH #8 WOOD SCREWS**

**NOTE HOLE ORIENTATION ON ALL PARTS**

---

**SCALE: 1:4**

**PRAC NAME DATE**

**DRAWN NE 12/8/2022**

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**MATERIAL/FINISH:**

**DIMENSIONS ARE IN INCHES**

TOLERANCES:

- ANGULAR: MACH 1° BEND ±0.1
- TWO PLACE DECIMAL ±0.02
- THREE PLACE DECIMAL ±0.015

**COMMENTS:**

- REMOVE ALL BURRS AND SHARP EDGES.
- DO NOT SCALE DRAWING
UNLESS OTHERWISE SPECIFIED:

DIMENSIONS ARE IN INCHES
TOLERANCES:
ANGULAR: MACH 1° BEND ±1°
TWO PLACE DECIMAL ±.02
THREE PLACE DECIMAL ±.015

MATERIAL/FINISH:
Pine 2x4

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COMMENTS:
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EDGES.

DO NOT SCALE DRAWING

UNLESS OTHERWISE SPECIFIED:

SCALE: 1:2

REV

Sheet 1 of 1

PRAC NAME DATE

DRAWN NE 12/7/2022

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DO NOT SCALE DRAWING

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SCALE: 1:2

REV

Sheet 1 of 1

PRAC NAME DATE

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REV

Sheet 1 of 1

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SCALE: 1:2

REV

Sheet 1 of 1

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SCALE: 1:2

REV

Sheet 1 of 1

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COMMENTS:
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EDGES.

DO NOT SCALE DRAWING
4X .25 1 3 " THRU

0 0”

4X 3.38 " 8 "

21.75 21 3 "

4X 0.25 (1/4) THRU

21 3/4”

4X 1.75 1 3 "

8.75 8 3 "

15.75 15 3 "

22.75 22 3 "

24.50 24 1 "
A. BOTH PANELS ARE CENTERED FLUSH

B. ASSEMBLE WITH #8 WOOD SCREWS
NOTE HOLE ORIENTATION ON ALL PARTS

C. DETAIL A
SCALE 2 : 3

D. ITEM NO. PART NUMBER DESCRIPTION QTY.
1. TE-23102 SST Width Piece 2
2. TE-23106 SST Bottom Length 2
3. TE-23107 SST Bottom Plywood 1
4. TE-23108 SST Bottom Hardwood 1

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
TOLERANCES:
ANGULAR: MACHINABLE
TWO PLACE DECIMAL: ±0.02
THREE PLACE DECIMAL: ±0.015

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PROHIBITED.

COMMENTS:
REMOVE ALL BURRS AND SHARP EDGES.
2X \( \frac{3}{4} \) 9 32 " THRU 0.63 5.18 18.06 18 1 32.49 32.49

2X 1.75 \( \frac{3}{4} \) 4 3.50 3 1

A A

Pine 2x4

DO NOT SCALE DRAWING
HOLES MUST BE VISIBLE AND USABLE AFTER ASSEMBLY

ASSEMBLE WITH #8 WOOD SCREWS
NOTE HOLE ORIENTATION ON ALL PARTS

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<tr>
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<td>TE-23102</td>
<td>SST Width Piece</td>
<td>2</td>
</tr>
<tr>
<td>2</td>
<td>0-23110</td>
<td>SST Base Length</td>
<td>2</td>
</tr>
</tbody>
</table>

DIMENSIONS ARE IN INCHES
TOLERANCES:
ANGULAR: MACH 1° BEND 1°
TWO PLACE DECIMAL 0.02
THREE PLACE DECIMAL 0.015

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MATERIAL/FINISH:

COMMENTS:
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</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>TE-23117</td>
<td>SST Support Width</td>
<td>1</td>
</tr>
<tr>
<td>2</td>
<td>0-23112</td>
<td>SST Support Length</td>
<td>2</td>
</tr>
</tbody>
</table>

ASSEMBLE WITH #8 WOOD SCREWS
NOTE HOLE ORIENTATION ON ALL PARTS

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
TOLERANCES:
ANGULAR: MACH 1° BEND 2.5°
TWO PLACE DECIMAL 0.01
THREE PLACE DECIMAL 0.005

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MATERIAL/FINISH:

COMMENTS:
REMOVE ALL BURRS AND SHARP EDGES.

DO NOT SCALE DRAWING

SCALE: 1:3

SHEET 1 OF 1

PRAC    NAME    DATE
DRAWN NE 12/8/2022

TITLE: SST Support

SIZE DWG. NO. REV
C TE-23111
2X \frac{3}{8} THRU

UNLESS OTHERWISE SPECIFIED:

DIMENSIONS ARE IN INCHES
TOLERANCES:
ANGULAR: MACH 1° BEND 1°
TWO PLACE DECIMAL \pm 0.02
THREE PLACE DECIMAL \pm 0.015

MATERIAL/FINISH:
Pine 2x4

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COMMENTS:
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DO NOT SCALE DRAWING
DO NOT SCALE DRAWING

5X 0.28 0.158 0.175
3X 1.75 1.5
2X 18.25 18.1
2X 25.63 25.5
4X 1.5

DIMENSIONS ARE IN INCHES
TOLERANCES:
ANGULAR: MACH 1° BEND 1°
TWO PLACE DECIMAL 0.02
THREE PLACE DECIMAL 0.015

MATERIAL/FINISH:
Pine 2x4

COMMENTS:
REMOVE ALL BURRS AND SHARP EDGES.

UNLESS OTHERWISE SPECIFIED:
SCALE: 1:4

TITLE: SST Small Vertical

SIZE: A4
DWG. NO.: TE-23114
Sheet 1 of 1

PRAC NAME DATE
DRAWN NE 12/8/2022

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SST Support Width

DIMENSIONS ARE IN INCHES
TOLERANCES:
ANGULAR: MACH 1° BEND 1°
THREE PLACE DECIMAL ±0.015
TWO PLACE DECIMAL ±0.005

UNLESS OTHERWISE SPECIFIED:
SCALE: 1:2

TITLE: SST Support Width

MATERIAL/FINISH:
Pine 2x4

COMMENTS:
REMOVE ALL BURRS AND SHARP EDGES.
DO NOT SCALE DRAWING

PRAC NAME DATE
DRAWN NE 12/8/2022

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