fiberon
The Fencing Solutions Company

Composite Fencing Installation Instructions
Ranch Rail/Gothic System

Tools Needed:

Air Compressor	Tape Measure	Wheel Barrow	Post Hole Digger	Saw
Staple Gun	Hammer	Clamp	Level	Power Drill

Supplies:

Quick Set Concrete	Gravel	1 1/2" x 7/16" Staples Galvanized	Work Gloves	*Brackets
Twine or String	Stakes	Spray Paint	Pencil	
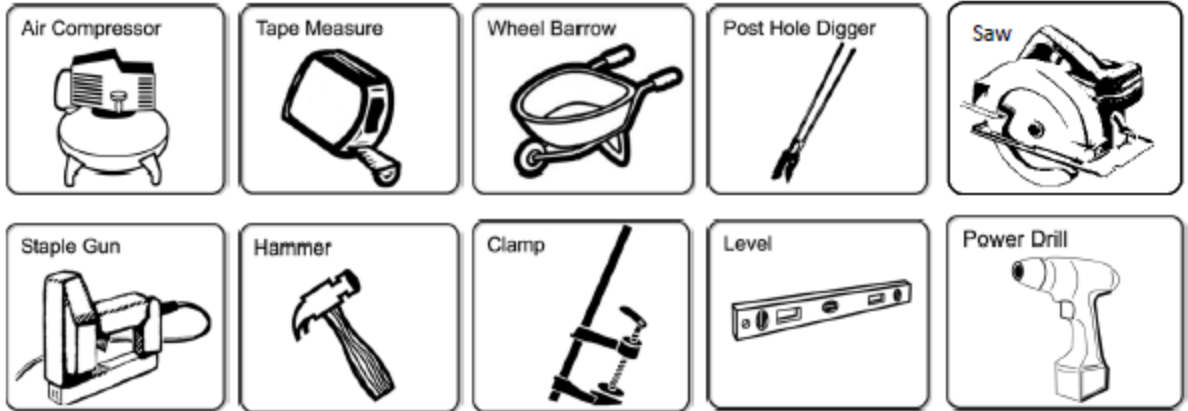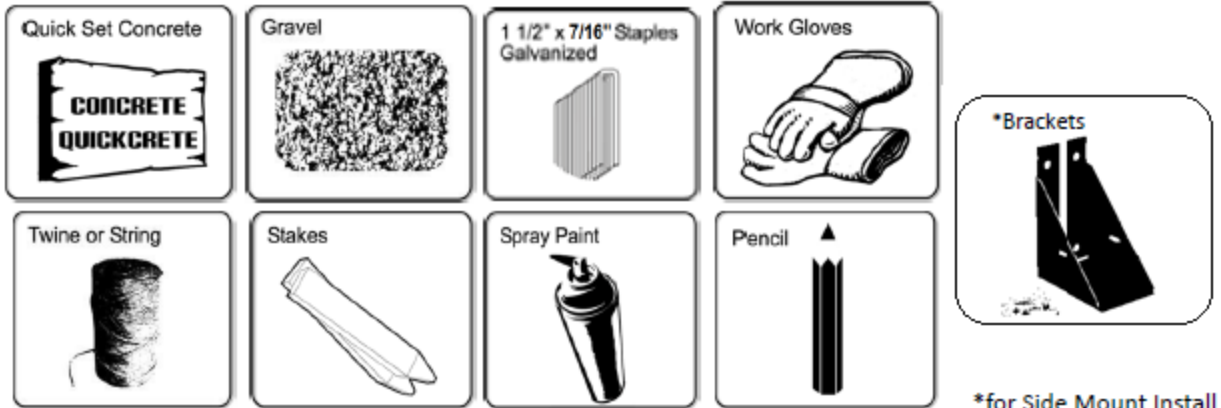
*for Side Mount Install

Prior to installing fencing:

✓ Prior to digging, confirm location of underground utilities with local authorities.

✓ Apply for permits if required by local authorities and codes.

✓ Local zoning laws, neighborhood associations and/or historic districts may regulate size, type, placement and ability of fencing. Ensure compliance prior to installation.

✓ **Due to variation in picket width, minor adjustments to gapping may be required. Care should be taken to ensure that spacing does not result in too large of gap at the end posts**

For questions or more information please visit
www.fiberonfencing.com

1. Planning:

✓ Determine total area to be fenced.
✓ Site-Built installation: Ensure the right amount of pickets and rails per section.

Note: Pre-Built Gothic Panels can only be installed on flat terrain.

✓ Make adjustments for odd widths at the back corners or build partial sections equally. Example: if you have 8 feet left in a run, consider building two 4ft sections rather than a 6ft and a 2ft.
✓ Determine the number of posts including gate post & gate location (if applicable).
✓ Installations are facilitated with the use of an air compressor or air driven staple gun. Recommended fasteners are 7/16" crown x 1 ½" galvanized or stainless steel staples, minimum 18ga.

2. Layout (See diagram below)

2A. Establish total area to be fenced. Insert stakes 6" inside of proposed area extending an additional 3' laterally so as not to disturb string lines when digging post holes.

2B. Attach string line to staked area. Verify corners are square using the **3' x 4' x 5'** method.

2C. Fence corners are determined by where strings intersect.

2D. Mark locations for subsequent posts starting with the first location and measuring the appropriate distance determined by install method.

Bracket Side Mount – 71 ½" post center to post center

2E. Mark gate location and size.
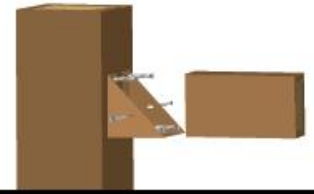
2F. Place proper post at each location.

Tip: When marking measurements with spray paint, mark both the ground *and* string (see illustration).
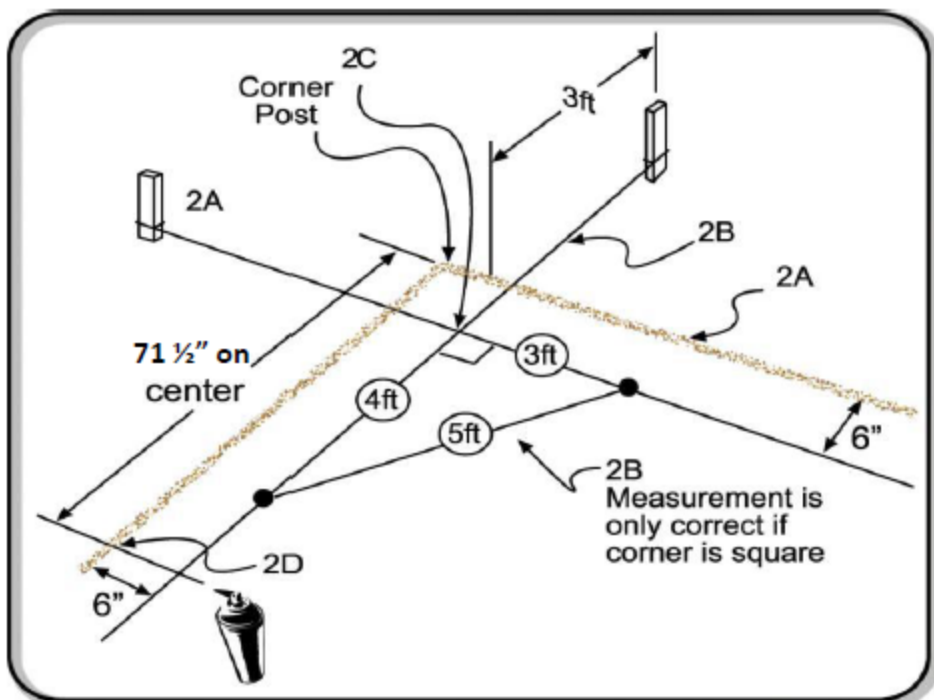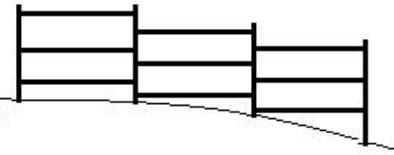
RANCH RAIL

BRACKET MOUNT
INSTALL INSTRUCTIONS BELOW
67 1/2" inside posts

fiberon
www.FiberonFencing.com

B: CROSS RAILS

A: MULTI-PURPOSE POSTS

Grade

* For sloping: step brackets down

A   POSTS

1 12" wide

26" down

Dig Hole :
Dig hole 12" wide x 26" deep

2 4" gravel

Add Gravel :
Add 4" gravel   (see chart below)

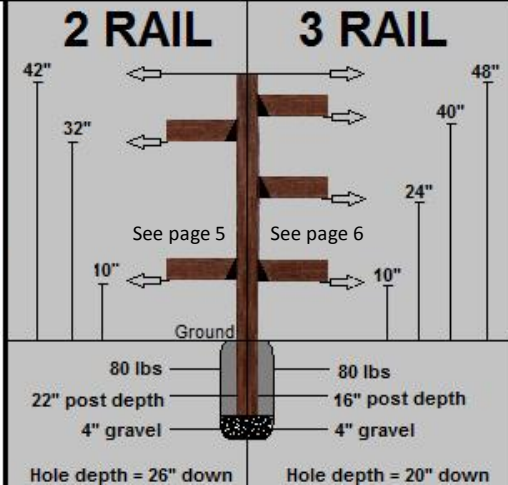**3**

Set Post :
Set post + 80 lbs of Quikrete

4 Next Post : Set next post 67 1/2" inside posts

B   CROSS RAILS

1

1 Attach Brackets :
Use chart to find rail heights.
Measure up from ground, mark
post for bracket bottom. Attach
with provided screws. Secure
rails into brackets with screws.

2 RAIL   3 RAIL

2 RAIL	3 RAIL
42"	48"
32"	40"
	24"
See page 5	See page 6
10"	10"
Ground	
80 lbs	80 lbs
22" post depth	16" post depth
4" gravel	4" gravel
Hole depth = 26" down	Hole depth = 20" down

C   GATES

1 Construct Z - BOX :

Construct a gate using the usual 2 or
3 rails + an additional 3 rails.
Form rails into
a squared box
design, then
add a diagonal
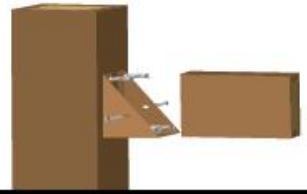rail to give the
gate a strong
Z - BOX figure.

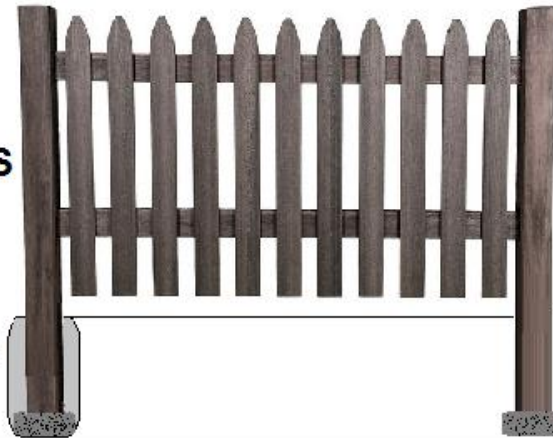Use heavy duty gate hardware.

GOTHIC PICKET

BRACKET MOUNT
INSTALL INSTRUCTIONS BELOW
67 1/2" inside posts

fiberon
www.FiberonFencing.com

C: PICKETS / PANEL

B: CROSS RAILS

A: MULTI-PURPOSE POSTS

For sloping: step brackets down

A   POSTS

1 Dig Hole :
Dig hole 12" wide x 26" deep

12" wide
26" down

2 Add Gravel :
Add 4" gravel   (depth now = 22")

4" gravel

3 Set Post :
Set post + 80 lbs of Quikrete

4   Next Post : **Set next post 67 1/2" inside posts**

B   RAILS / PANELS

1

1 Attach Brackets :

Panels: Use panel to mark post to find bracket location. Install post - panel - post - panel method.
Stick Built: Refer to B1 and chart on reverse for bracket install.

C   PICKETS
IF NECESSARY

1 **Staple Pickets :**

Shoot 3 staples per picket & rail intersection with 1 1/2" galvanized or stainless steel staples.

See page 7

D   GATES

1 **Construct Z - BOX :**

Construct a gate using the usual 2 rails + an additional 3 rails. Form rails into a squared box design, then add a diagonal rail to give the gate a strong Z - BOX figure.
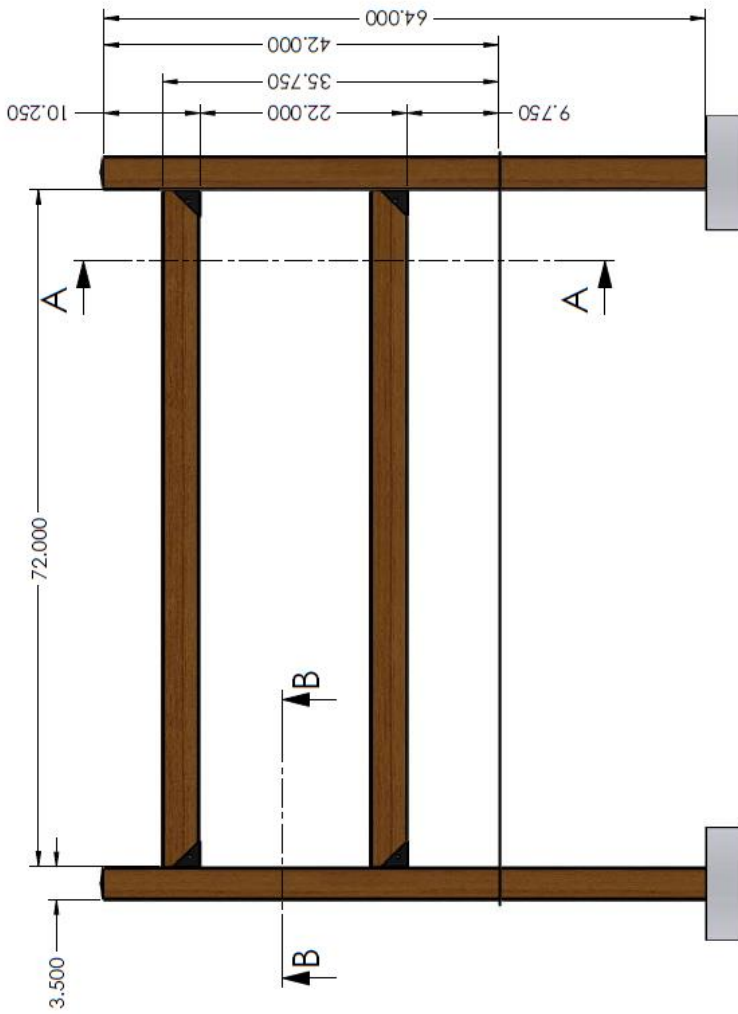
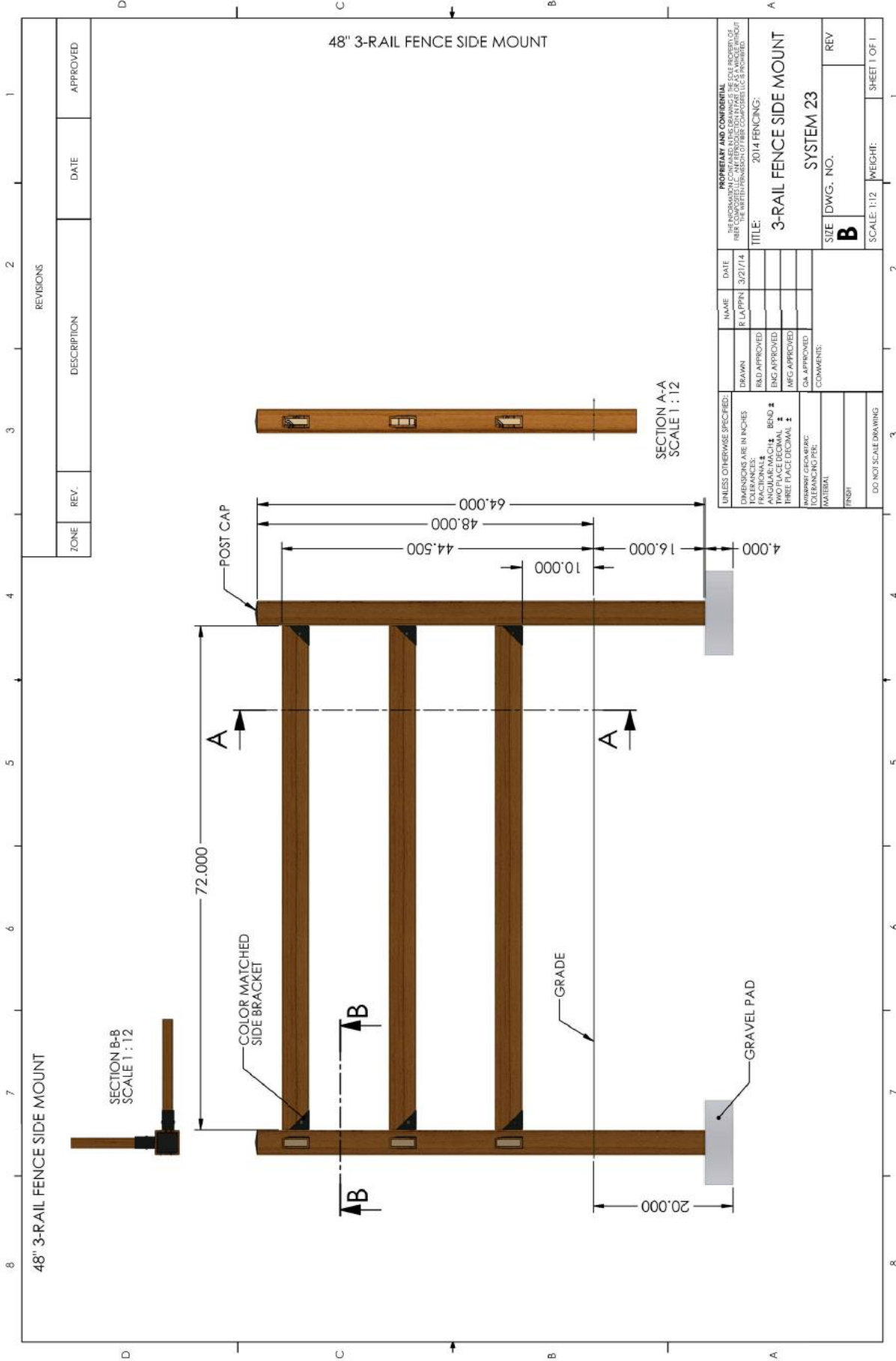Use heavy duty gate hardware.

36" 2 Rail Fence Bracket Mount

SECTION A-A

SECTION B-B

36" 2 Rail Fence Bracket Mount

64.000
42.000
35.750
22.000
10.250
9.750
72.000
3.500

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	GRAPHIC CHANGES	3/21/2014	RL

UNLESS OTHERWISE SPECIFIED:

DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL: ±
ANGULAR: MACH ± BEND ±
TWO PLACE DECIMAL ±
THREE PLACE DECIMAL ±

INTERPRET GEOMETRIC
TOLERANCING PER:

MATERIAL

FINISH

DO NOT SCALE DRAWING

	NAME	DATE
DRAWN	R LAPRIN	2/28/14
R&D APPROVED		
ENG APPROVED		
MFG APPROVED		
QA APPROVED		
COMMENTS:		

2014 FENCING

TITLE:
2-RAIL FENCE SIDE MOUNT
(72" RAIL)
SYSTEM 22

SIZE **B** DWG. NO. REV **A**

SCALE: VARIES WEIGHT: SHEET 1 OF 1

48" 3-RAIL FENCE SIDE MOUNT

SECTION A-A
SCALE 1 : 12

POST CAP

64.000
48.000
44.500
16.000
10.000
4.000

A

A

72.000

COLOR MATCHED
SIDE BRACKET

B

B

GRADE

GRAVEL PAD

20.000

SECTION B-B
SCALE 1 : 12

48" 3-RAIL FENCE SIDE MOUNT

TITLE: 2014 FENCING:

3-RAIL FENCE SIDE MOUNT
SYSTEM 23

	NAME	DATE
DRAWN	R LAPPIN	3/21/14
R&D APPROVED		
ENG APPROVED		
MFG APPROVED		
QA APPROVED		
COMMENTS:		

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL±
ANGULAR: MACH± BEND ±
TWO PLACE DECIMAL ±
THREE PLACE DECIMAL ±

INTERPRET GEOMETRIC
TOLERANCING PER:
MATERIAL
FINISH
DO NOT SCALE DRAWING

SIZE **B** DWG. NO. REV

SCALE: 1:12 WEIGHT: SHEET 1 OF 1

REVISIONS

ZONE	REV.	DESCRIPTION	DATE	APPROVED
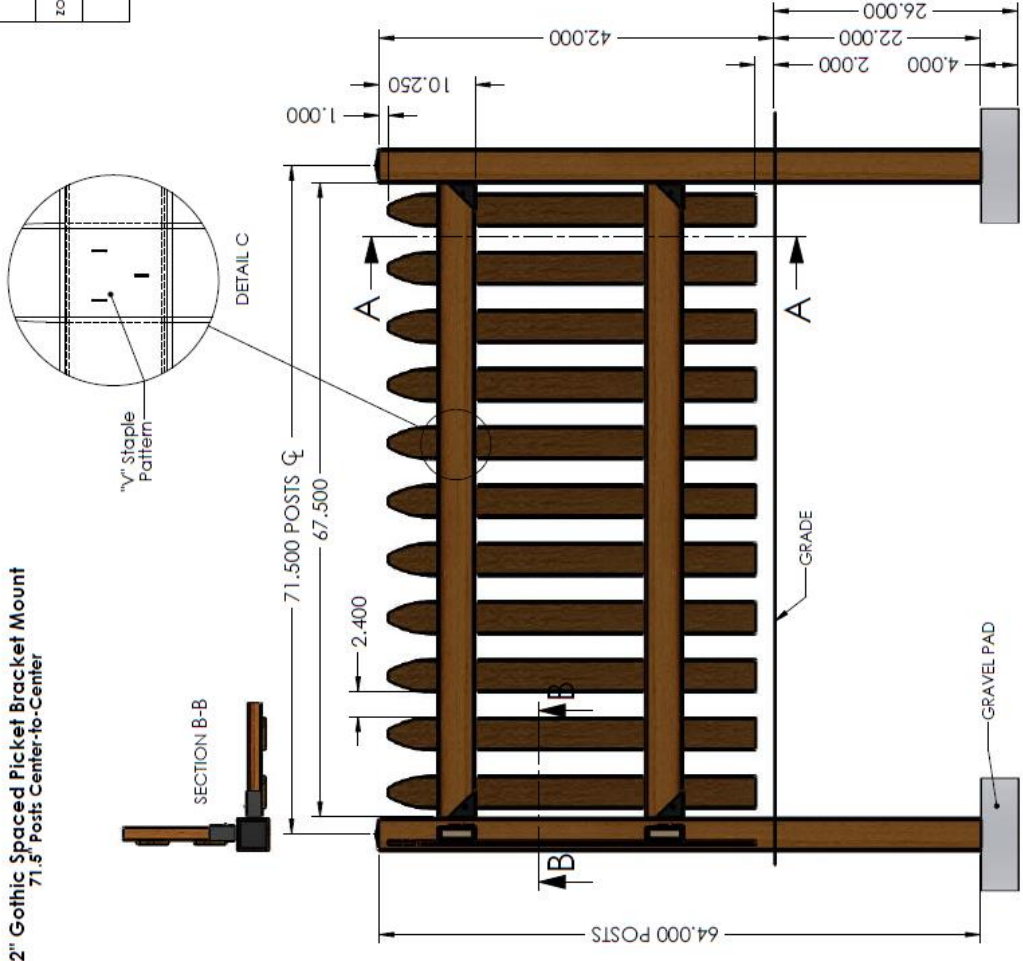
42" Gothic Spaced Picket Bracket Mount
71.5" Posts Center-to-Center

SECTION A-A

22.000

9.750

DETAIL C

"V" Staple Pattern

SECTION B-B

71.500 POSTS ℄

67.500

2.400

42.000

10.250

1.000

26.000
22.000
2.000
4.000

GRADE

GRAVEL PAD

64.000 POSTS

A

B

NOTE: BRACKET MOUNT INSTALL FOR PRE-BUILT SECTIONS OR INDIVIDUAL COMPONENTS.

42" Gothic Spaced Picket Bracket Mount
71.5" Posts Center-to-Center
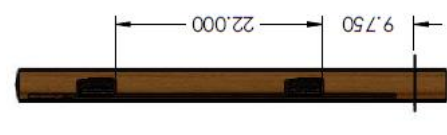
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	GRAPHIC CHANGES	3/26/2014	RL

REVISIONS

TITLE: 2014 Fences:

Gothic Spaced Picket Face Mount
SYSTEM 18

	NAME	DATE
DRAWN		
CHECKED		
ENG APPR.		
MFG APPR.		
Q.A.		
COMMENTS:		

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL ±
ANGULAR: MACH ± BEND ±
TWO PLACE DECIMAL ±
THREE PLACE DECIMAL ±

INTERPRET GEOMETRIC TOLERANCING PER:
MATERIAL
FINISH

DO NOT SCALE DRAWING

SIZE **B** | DWG. NO. | REV **A**

SCALE: 1:20 | WEIGHT: | SHEET 1 OF 1