

# FORSTER FENCE

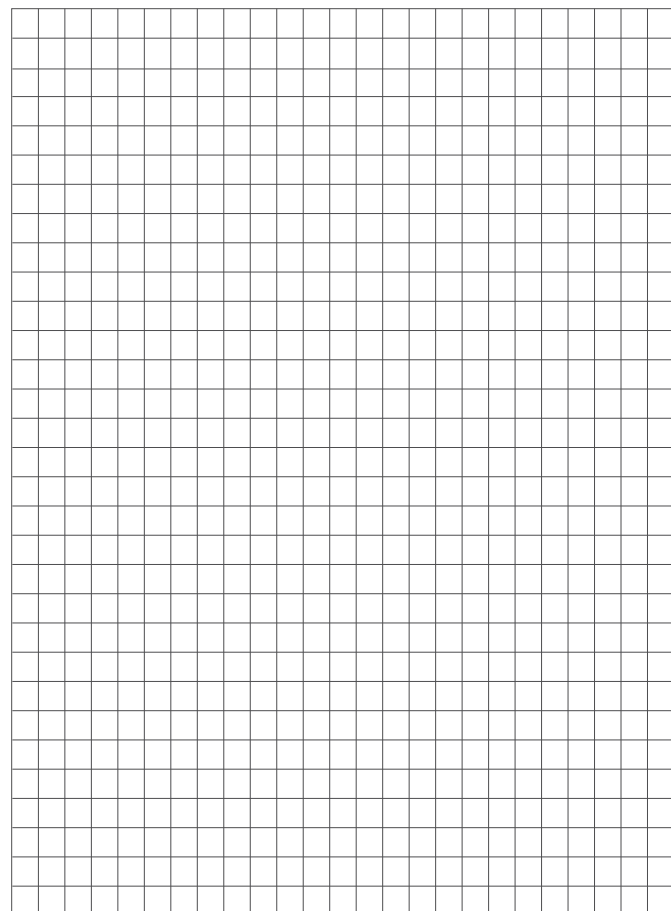
## Novis ALUMINUM



# INSTALLATION INSTRUCTIONS

## A STEP BY STEP GUIDE

### PLAN YOUR FENCE BELOW



### TOOLS CHECKLIST

All traditional tools for fence installation are required.

- HOLE DIGGER
- LEVEL
- STRING
- STAKES
- EYE PROTECTION
- BLADE SCREWDRIVER
- WHEELBARROW
- METAL CUTTING SAW
- POWER DRILL
- SHOVEL
- 1/4" DRILL BIT
- 1/4" HEX SOCKET BIT
- TAPE MEASURE
- TOOLS FOR CLEARING FENCE LINE

### FENCE PANEL & GATE POST SPACING SPECS






PANEL	2" sq. post 2 1/2" sq. post	72" On Center 72 1/2" On Center
GATES	4' Nominal Opening 5' Nominal Opening 6' Nominal Opening	48" Face to face 60" Face to face 72" Face to face

### OVERVIEW

- Determine location, height, style & quantity of fence & gates.
- Check local codes and pool codes if applicable.
- Call utilities locator.
- Purchase fence and concrete. Install string and mark locations for posts and gates.
- Dig holes, install posts in holes and section rails into post.
- Do not concrete the posts before the sections are attached.
- Check posts for plumb, mix and pour concrete around posts.
- Install gates and post caps.

### MATERIALS LIST

- Plan material needed from a drawing and adjust posts spacing for full section length of 72" post centers if practical.
- Sections can be cut if required.
- Standard sections will change elevation up to 33".
- Note any requirements for special hardware or accessories.

	ITEM DESCRIPTION	USE GUIDE	QTY
1	FENCE PANEL	Divide total FT by 6' and round up	
2	WALK GATE	Walk Gate and hardware	
3	DOUBLE GATE	Double Gate and hardware	
4	LINE POSTS 	Total # panels + 1 and - # of end, corner and gate posts	
5	END POSTS 	One per end	
6	CORNER POST 	One per corner	
7	GATE POST 	Thicker walled post - 1 per gate	
8	BLANK POST 	Use with brackets	
9	STANDARD LATCH	Gravity style - 1 per gate	
10	STANDARD HINGE	Self-closing style - 2 per gate	
11	POOL SAFETY LATCH	Required by pool safety codes	
12	WALL MOUNT BRACKET	Mounts panels to any flat surface, 1 per each rail end	
13	SWIVEL BRACKET	Mounts panel at oblique angels from any flat surface	
14	BALL CAP OR POST CAP	One per post	
15	FINIALS	Multiply # of panels by 15	
16	BASE FLANGE	Mounts post on solid surface	
17	CEMENT BAGS		

### INSTALLATION

- Establish corner, end and gate post locations. Install string line on stakes.
- Mark locations and dig holes for 6 to 8 posts starting with a corner, end or gate post.
- The post holes should be 6" to 8" in diameter and a depth to match the posts to be installed.
- Consider climate and soil conditions to determine exact hole size. Note the center-to-center distance between posts is 72" and CANNOT be more.
- Assemble sections and posts in holes.
- Plumb posts to string and with the line of fence. Sight along the fence line to confirm a smooth overall appearance and adjust if necessary.
- Fill post holes with mixed concrete and make adjustments.
- Slope the top of the concrete away from the posts about 2" below soil line and cover with soil.
- Repeat this procedure to complete fence and
- Install gates after concrete has hardened.
- Determine direction of swing and install hinges and latch per instructions included with hardware.
- Match the height of the gate with the fence sections.

### GATE POSTS MEASUREMENT

Measure single gate and add 1" for opening between gate posts to allow for hardware. For a double gate measure both gates and add 2" for hardware.

### ADJUST LINE POSTS LOCATION

Moving a corner, end or gate post location may eliminate an odd space and the need to cut a section. An odd section may be installed to eliminate cutting other sections in the line of fence. If the center-to-center post space at the end of a line of fence is longer than 72", all or part of the spaces in that line should be reduced and a section added. If the center-to-center post space is noticeably less than 72", one or more spaces should be adjusted if it is in a visible location.

### CUT SECTION TO LENGTH

Cut section on both ends to get an even distance from the post to the first picket. Remove the rail clips and cut the bars back to the first picket. Replace the rail clips and detail the ends of the rails to match the factory ends.



### ODD CORNER INSTALLATION

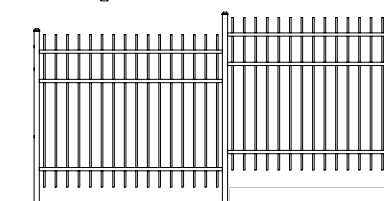
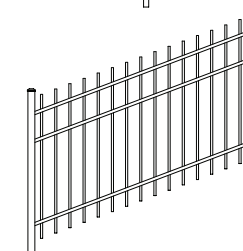
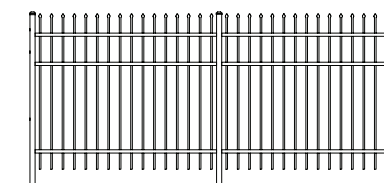
Corner posts can be used on most corners. Some corners with open angles require the rails to be trimmed for clearance inside the post. Remove the clips in the rails to dry-fit and replace them before final assembly.

### STEP DOWN AND ATTACHMENT TO OTHER STRUCTURES

- Use a standard end post for the taller section and install it on the lower side of the step down.
- Attach the lower section to the post with wall mount brackets.
- A blank post may be installed with wall mount brackets used to attach both sections to the post.
- Adjustable brackets will allow the attachment on an angle.
- Rails must be cut back when using brackets for pool code to be met.
- The dimension from picket to structure must not be more than the picket space of the section for the pool code.

### ELEVATION CHANGE

When laying out the fence line consider the shorter post space that occurs when a section is installed on an extreme elevation change. This measurement can be as short as 60" using a standard section. Measure along the slope for a true measurement for post space.



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