THE PROFESSIONAL

WELDED MESH FORMWORK SYSTEM

NOVOFORM

DESIGNED
TESTED
PROVEN

www.schauenburg-us.com

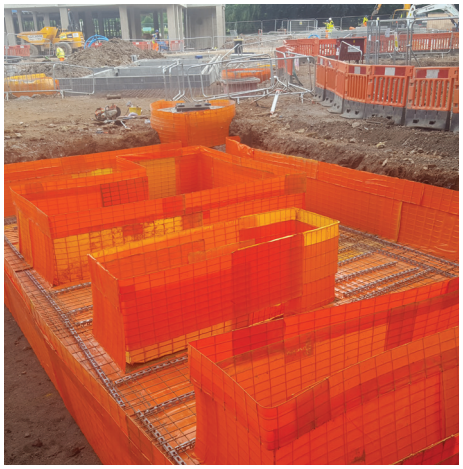
A company of the **SCHAUENBURG** International Group

A USER FRIENDLY SOLUTION

Standard Novoform™ is manufactured using 4mm main wires at 6 inch centers on 3mm cross wires at 3 inch centers. Designed, tested and proven to suit foundations containing reinforcement of depths up to 108 inches.

Our mesh is produced from cold drawn mild steel, manufactured to US Standards. The mesh is electronically welded at every intersection.

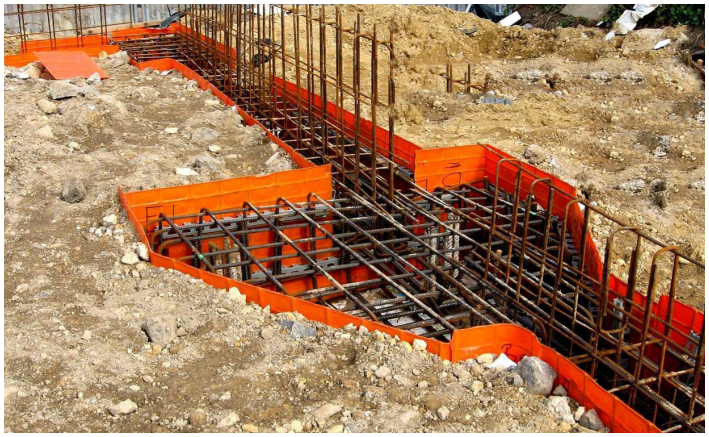
Our dedicated team will ensure that you are given precise, custom instructions regarding the details and assembly of Novoform™ on every order placed.



PANEL SIZES

All panels are 8 ft long, and are available in the following depths:

18 in	60 in
21 in	63 in
24 in	66 in
27 in	69 in
30 in	72 in
33 in	75 in
36 in	78 in
42 in	84 in
48 in	90 in
54 in	96 in
57 in	108 in



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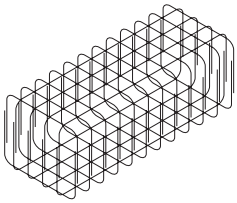
PILE CAP OR BASE ASSEMBLY – STEP BY STEP GUIDE

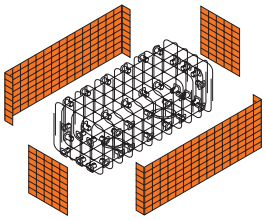
Cutting the Novoform™ pile cap panels allows easy access to fit reinforcement bars through the cap or base.

1 Position pile cap cage in trench to line and level.



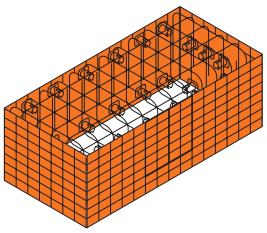
Pile cap area formed and leveled.

2 Using the Novoform™ instructions provided with order, identify the marked panels for cap and base and place against the spacers.



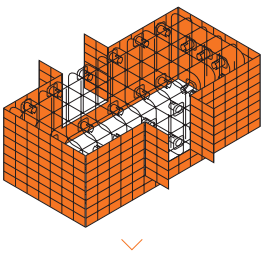
All Novoform™ panels marked per instuctions, for simple and rapid assembly.

3 Mark the panel outline on the side of the cap or base assembly, as drawn, ready to form opening connections.

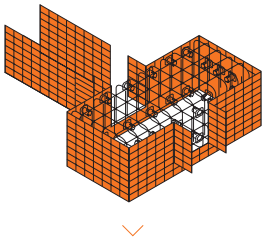


Use straight edge and marker to measure additional 1.0 inch width so panels fit inside 'doors'.

4 Cut center line and bottom line. Form 'inverted T', fold out 'doors', ready to accept Novoform™ panels.



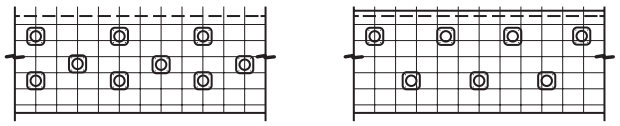
5 Select preformed Novoform™ panels and place inside the open 'doors'. No taping or tying of joints is required.



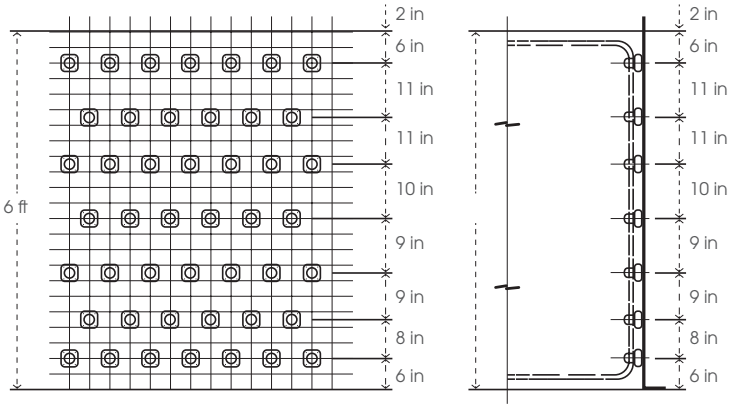
Leave top wire mesh intact and cut alternate wires at 'door' hinge line. This helps to give a tight fold and makes the folding easier. The 'doors' act as the grout seal. Spacers may be removed at door openings.

TYPICAL SPACER ARRANGEMENT

Will vary by depth of cap/base and ground conditions. Spacer centers to be adjusted as required to maintain specified concrete cover. Spacers to be staggered, as shown, where practical.



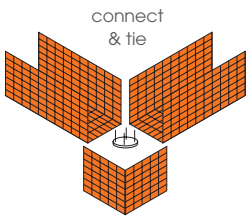
NovoForm™ recommendation: Maximum Novoform™ spacer centers 18 inches.



TYPICAL "U" SECTION CONNECTIONS

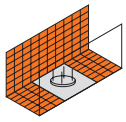
Will vary by depth of cap/base and ground conditions. Spacer centers to be adjusted as required to maintain specified concrete cover. Spacers to be staggered, as shown, where practical.

EXTERNAL CORNER WITH PILE



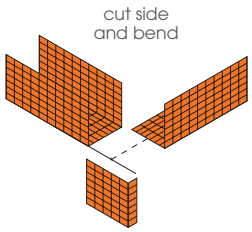
tie crosspiece

PILE INTRUSION



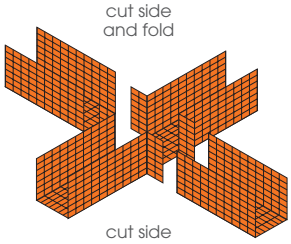
cut base locally

EXTERNAL CORNER, NO PILE

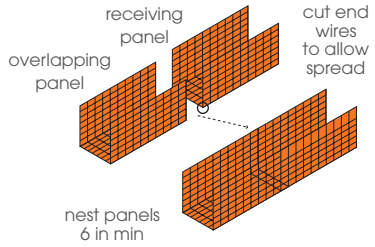


tie crosspiece

TYPICAL INTERSECTION

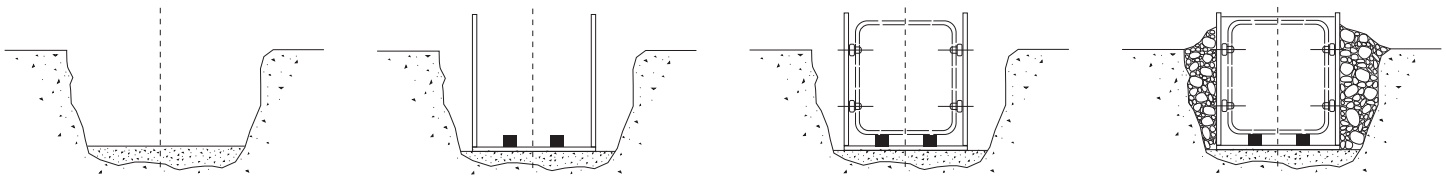


TYPICAL OVERLAP



U SECTION INSTALLATION

Recommended construction sequence for reinforced concrete ground beams.



1 Excavate trench and form level base.

2 Position U section Novoform™ panel and place rebar chairs in base.

3 Insert rebar cage with fixed Novoform™ plastic side spacers to line and level.

4 Place loose backfill within top 2 inches of finished concrete level. Keep foot traffic and vehicles well clear of foundations under construction.

- Novoform™ is manufactured in our **Grand Junction, CO and Fairmont, WV facilities.**
- **Large stock levels** ensure short lead times and tailor deliveries to meet site schedules.
- Purpose built machines and **skilled workforce ensure simplified installation** on site.
- Our in house design and take-off service ensures you **only purchase what you need.**
- Site drawings dispatched with **every order.**
- On-site support available from our **experienced sales team and manufacturing engineers.**

SCHAUENBURG - **NOVOFORM™ DESIGN SHEET**											DATE:	
CUSTOMER NAME:											QUOTE REF:	
JOB REF:				DETAILS:							DOC No.	
Ref:	Mark	Total	Width	Length	Shape Code	Dim. A	Dim. B	Dim. C	Dim. D	Dim. E	Details of Assembly	
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											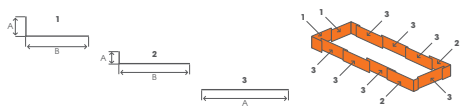	
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											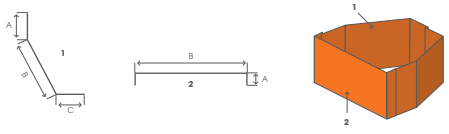	

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