

Southern Illinois Storm Shelters, Inc.

Manufacturer of In-Ground Fiberglass Severe Weather Shelters

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INSTALLATION INSTRUCTIONS FOR SISS LS 20 (REVISED)

ITEMS NEEDED FOR INSTALLATION

1. LIFTING STRAP
2. 6-8" CONCRETE BLOCKS
3. 2-12' PIECES OF 3/8" CHAIN
4. 2-8' PIECES OF 3/8" CHAIN
5. 3 YARDS OF CONCRETE
6. 6' LEVEL
7. 2-3/8" QUICK LINKS

STEP 1. Decide where the shelter will be installed and mark of a 9' x 17' area

STEP 2. The hole size that will be dug is 9' x 16' 6" x 80" deep

STEP 3. After the hole is dug, take your 6 concrete blocks and place them in the hole with the outer edges of the outside blocks on a 4' x 11' spacing. Place the other two block in the center of the four. Level a block and set your grade at 74" or adjust accordingly. Level the other blocks off of this one.

STEP 4. Anchor your chains through a piece of 1/2 rebar and space them approx. 1' inside the edges of the outer blocks. Stake 2 8' chains on one side and 2 12' chains on the other side of the bank. You are now ready to pour your concrete.

STEP 5. Pour your concrete in the hole, smooth of concrete between the blocks so that it is level with the top of the blocks. Set your shelter on the wet concrete, pull a 12' chain through the pvc tube on the front and link it together with the 8' chain (pull out slack before connecting) and repeat for the rear.

STEP 6. After concrete has set you may begin backfilling the hole.

Install chains around rebar as shown below. (please note that rebar pattern shown below is to government specs. You may use 1 pc. Down each side and 3 cross connecting instead) Once blocks are level, rebar and chains are installed you are ready to pour concrete. Pour concrete to top of blocks and fill entire hole. Set shelter while concrete is still wet. Let concrete firm up before backfilling.



Illustration of LS 10 for reference only.

If installing under a foundation we recommend a drain pipe or relief coming to the surface to allow water to escape from around shelter. And always backfill with $\frac{3}{4}$ " clean gravel.

