

WISE SOLUTIONS

*BASEMENT WATERPROOFING &
PROPERTY DRAINAGE SPECIALISTS*



Procedure for Interior sub floor with sump pump & pump

- ❖ Cover all of owners belongings in plastic sheeting.
- ❖ Lay a walkway through home and down stairs.
- ❖ Determine location of sump well and install.
- ❖ Remove approximately one foot width of concrete floor away from wall around perimeter of proposed area.
- ❖ Dig trench next to footer starting at high pointe ending at sump well & pump. (trench is to be dug with a downhill grade to sumpwell & pump.)
- ❖ Install a 4" perforated PVC Footer drain into trench on a 3'bed of wash gravel.
- ❖ Tie 4" PVC line into sump well/
- ❖ On the bottom blocks around proposed area drill a ½' hole in each cell and in the mortar joints to allow walls to drain any retained water into trench.
- ❖ Cover holes on bottom block with a vapor barrier draped over footer. (4 Mill Visquene)
- ❖ Install PVC paneling over bottom coarse of block and vapor barrier.
- ❖ Fill in trench over drain tile with wash gravel.
- ❖ Cover gravel over trench with a vapor barrier.
- ❖ Re-Cement over vapor barrier

Pump Installation

- ❖ Die test storm line for proper flow to sewer before tying in discharge line.
- ❖ Third horse Zoeller pump with 1 ½ in. discharge line.
- ❖ Install check valve. (one way valve)
- ❖ Run 1 ½ line through block wall below soil into storm line if accessible.