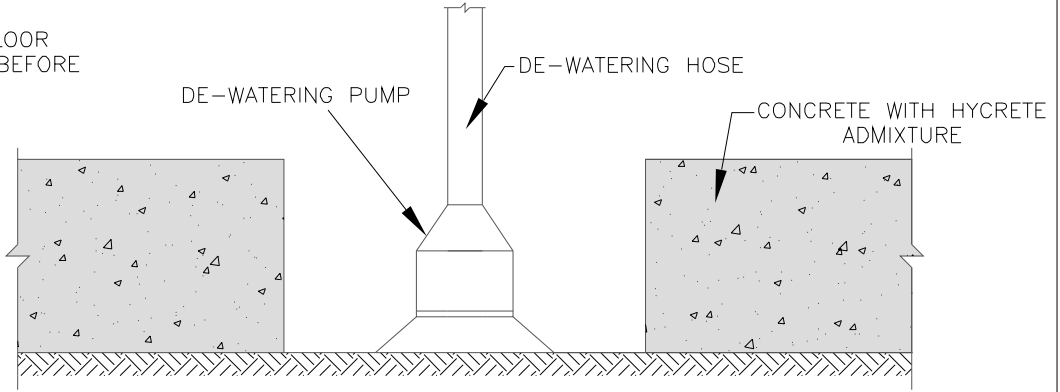


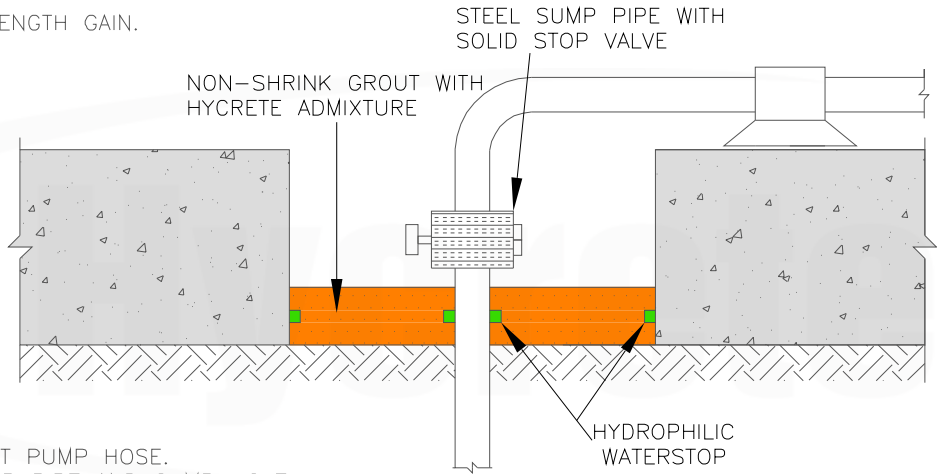
STEP 1

FORM CORRECT SIZED HOLE IN GROUND FLOOR SLAB & INSTALL THE PUMP & DE-WATER HOSE BEFORE PLACING SURROUNDING CONCRETE SLAB.



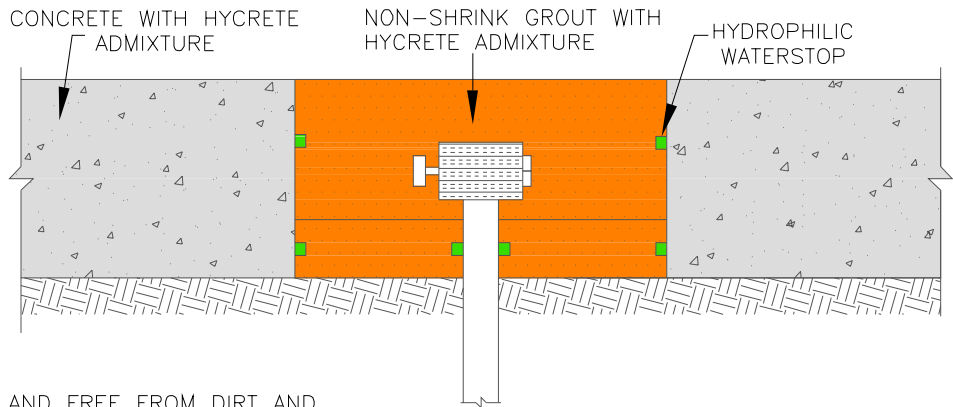
STEP 2

- REMOVE DE-WATERING PUMP.
- INSTALL STEEL SUMP PUMP WITH SOLID STOP VALVE FITTING.
- TOP OF PIPE SHOULD BE 6" FROM TOP OF SLAB WITH HYCRETE ADMIXTURE.
- ATTACH PUMP TO CONTINUE DE-WATERING.
- PACK SUMP PIPE IN PLACE USING NON-SHRINK GROUT WITH HYCRETE ADMIXTURE.
- ALLOW 3 DAYS FOR SUFFICIENT STRENGTH GAIN.




STEP 3

- TURN OFF STOP VALVE & DISCONNECT PUMP HOSE.
- BLOW OUT WATER FROM TOP OF SUMP PIPE AND SUMP HOLE.
- PRIME ALL THE SURFACE WITH WATER BASED BONDING AGENT.
- USING NON-SHRINK GROUT WITH HYCRETE ADMIXTURE, PACK TOP OF SUMP PIPE & SUMP HOLE TO SLAB SURFACE LEVEL.
- CURE PROPERLY.



- SURFACE OF JOINT MUST BE SMOOTH AND FREE FROM DIRT AND LAITANCE BEFORE FIXING WATERSTOP.
- WATERSTOP MUST BE GLUED TO THE SURFACE WITH RECOMMENDED ADHESIVE.

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LOCATION: BELOW GRADE	DETAIL TYPE: SLAB	
POUR TYPE: CIP	APPLICATIONS: BELOW GRADE PARKING, MECHANICAL ROOMS, UNOCCUPIED SPACE	
 Delivering Concrete Solutions	DRAWING TITLE: DE-WATERING SUMP PUMP DETAIL	
	SEP 2009	DRAWING NUMBER: 7061001
	DRWN BY: FAZAL	NTS
	CHKD BY: NHM	
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