

FOUNDATION DRAIN SUMP PITS (Replace Existing Pit)

1. Break-up floor surrounding pit to an approximate 24" x 24" area (measured from center of pit). Remove existing pit drain casting and seal sanitary line with watertight cap. Fernco QC Series cap or equivalent to be used.
2. Furnish and Install an 18" diameter x 22" deep pre-fabricated sump pit to replace existing. Pit to be a Jackel SF 22H or approved equivalent. Provide a minimum 3" of new concrete surrounding pit. Bottom and sides of pit to be perforated uniformly to a point approximately 8" from the pit bottom (optionally, footing tiles may be extended into new pit, however, perforations as described above are still required).
3. Furnish and install patio block or other suitable base in bottom of pit to support pump.
4. Furnish and install automatic submersible pump rated at minimum 2,000 GPH @ 10' TDH. Pump to be Zollar Model M-53, Wayne Model SSF33, Blue Angel BSF33, Stevens Model SS35 or approved equivalent. (Note: pump data to be submitted with estimate).
5. Furnish and install a swing type check valve in discharge line. Check valve to be installed below lid.
6. Furnish and install required discharge piping. Discharge piping to be minimum 1-1/2" I.D. PVC or ABS. Pipe routing may be either through lid or through pit side as shown on drawing. Material used must conform to local codes.
7. Furnish and install metal cover for pit, minimum thickness .1875" (3/16") (No wooden covers). All covers must be painted or prime coated to prevent rust. (Note: covers to be flush fitting with pit used.)
8. Secure discharge pipe with approved clamps (no strapping or suspended type pipe hangers). Clamps to be spaced a maximum 36" apart.
9. Furnish and install insulation to deaden sound between discharge pipe and floor joist where secured by a clamp.
10. Furnish and install dedicated electrical circuit with ground fault receptacle.
11. Furnish and install conduit for electrical wire from top of foundation to outlet box (for exposed installations).
12. Terminate discharge on splashblock. (Concrete, Fiberglass, or polystyrene may be used).
13. Remove all debris created from work, and cleanup work site.
14. Provide a minimum 1-year written warranty on all parts and labor.

Contractor shall be responsible for obtaining all permits required, cost of permits to be included in estimate. No additional payment will be made for permits.