PARTS and SUPPLY LIST FOR:
INSTALLATION AND USE OF RESIDENTIAL LAUNDRY GRAYWATER DISPOSAL SYSTEMS (LGDS)

VALVE

3 Way Diverter Ball Valve (Brass, PVC, Polypropylene)

PIPE

3"- PVC Solid Drain Pipe
3"- PVC Perforated Drain Pipe
2"-PVC *Ultraviolet Resistant* Pipe
*2"- ABS Drain Pipe (for alternate system)
1"- PVC SCH 40 pipe
1"-PVC SCH 40, *Ultraviolet Resistant* Pipe

FITTINGS

3"- 90 Degree ¼ Bend, Schedule 40 PVC Elbow (Hub x Hub)
3"- PVC Coupler (Hub x Hub)
3"x 2"- SCH 40, PVC Reducer
3"- PVC Adapter, (Spigot x Hub) (converts from Schedule 40 PVC to PVC Sewer/Drainage Pipe)
2"- SCH 40 PVC Tee, *Ultraviolet* Resistant, (Slip x Slip x Slip)
2"x 1"- SCH 40 PVC, Reducer Bushing, *Ultraviolet Resistant* (For: Vent/Overflow and Size transition)
*2"- ABS Short Sweep, Drainage Fitting (For: Alternate System)
*2"- ABS Sanitary Tee (For: Alternate System)
1"- 90 Degree SCH 40 PVC Fitting *Ultraviolet Resistant* Elbow
1"- 90 Degree SCH 40 PVC Fitting Elbow
1"- 45 Degree SCH 40 PVC Fitting Elbow
1"- Sch 40 PVC Coupler
1"- 90 Degree SCH 40 PVC Male Adapter (for: Connecting diverter valve to Drain and Graywater)
1"- SCH 40 PVC Male Adapter (For: Connecting Washing Machine Drain hose to Diverter Valve)

SUPPLIES

PVC Primer and PVC Glue
ABS primer and ABS Glue
All Purpose Glue (For: PVC, CPVC, ABS, and Polysytrene)
Exterior Polyurethane Sealant, or Silicon Sealant
Hacksaw, PVC Cutter, Utility Knife, Measuring Tape, Hole Saw, Hammer,

(*These part listed as part of the "Alternate System")

NOTE:

The parts, fittings and supplies listed on page 1 are based on the approved ICC Ventura Chapter Public Information Standard, STD. GW-1, "GUIDELINES FOR THE INSTALLATION AND USE OF RESIDENTIAL LAUNDRY GRAYWATER SYSTEMS (LGDS)"

1) Most parts, fittings, pipe and supplies are readily available at your local home center.

2) *Ultraviolet Resistant* pipe and fittings are generally a specialty item which are usually only available as a special order or at a specialty supplier such as a plumbing supply or irrigation supplier.

3) In lieu of a 3 Way Diverter Valve a combination of 2 - 2 way valves may be used.

ABREVIATIONS:

ABS - Acrylonitrile Butadiene Styrene (Used for Drain, Waste and Vent piping)
CPVC - Chlorinated Poly Vinyl Chloride (Used for Hot and Cold Potable Water piping)
PVC - Poly Vinyl Chloride (Generally used for irrigation and building supply piping outside the building)
SCH - Schedule numbers are American Standards Association designations for classifying strength of pipe.

DEFINITIONS:

Building Drain - That part of the lowest piping of a drainage system that receives the discharge from soil, waste, and other drainage pipes inside the walls of the building and conveys it to the building sewer beginning (2) feet (610 mm) outside the building wall.

Building Sewer - That part of the horizontal piping of a drainage system that extends from the end of the building drain and that receives the discharge of the building drain and conveys it to a public sewer, private sewer, private sewage disposal system, or other point of disposal.

APPROXIMATE COST:

The cost of parts and materials required to assemble a (LGDS) Laundry Graywater Disposal System based on Standard ***Std. GW- 1*** for a 3 Bedroom, 2 Bathroom, Single Family Dwelling is approximately ***$175.00***. This amount may vary due to alternate construction methods, designs, supplier, etc.