29L81

LIST OF MATERIALS

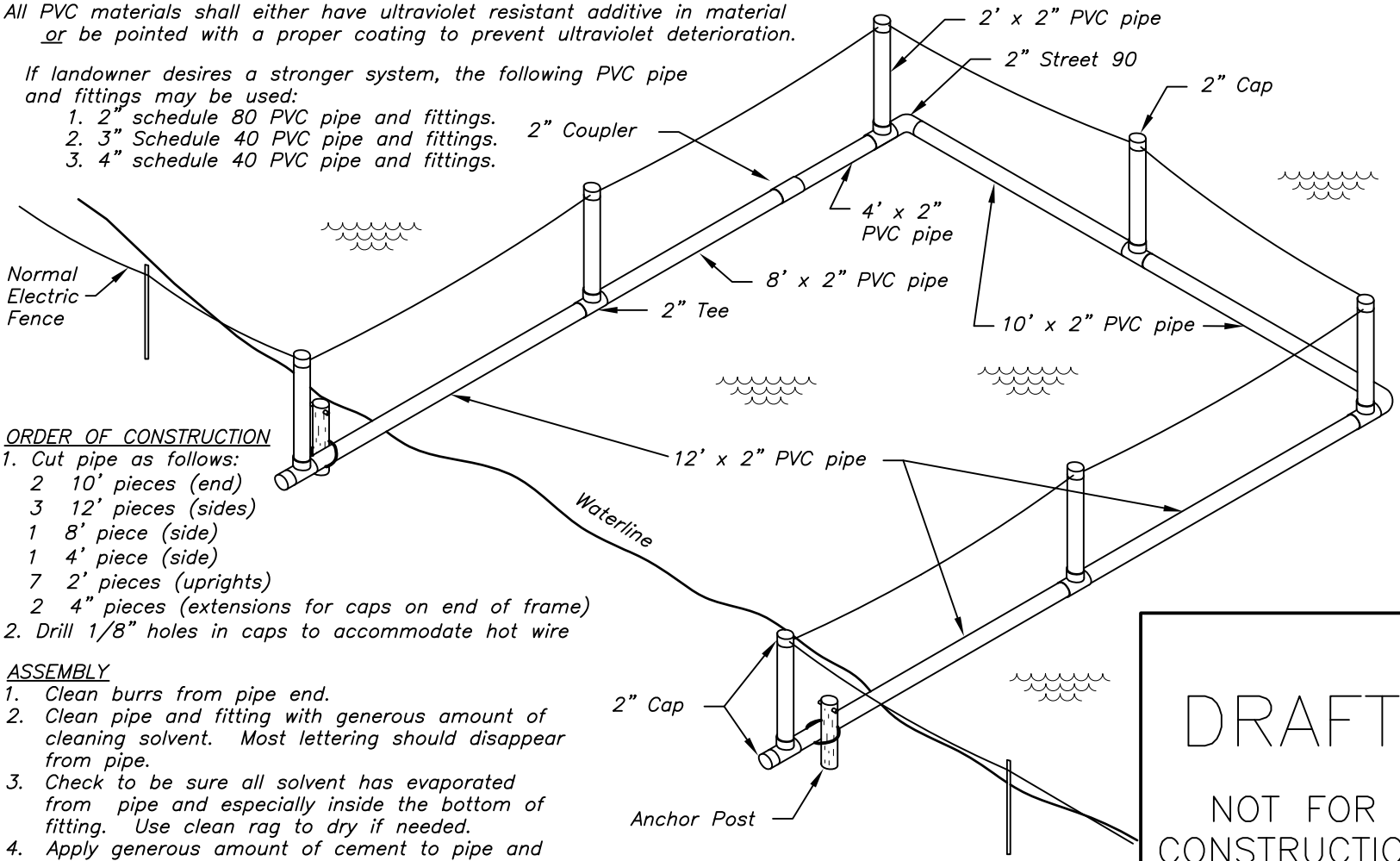
4 20' Sections of Schedule 40 PVC pipe
1 3' Section of Schedule 40 PVC pipe
2 2" 90° Street Elbow, Schedule 40, pressure type recommended
7 2" Tees, Schedule 40, pressure type recommended
9 2" Caps
1 2" Coupler
PVC Cleaner and PVC Cement
2 Anchor posts
Wire loops or light chain fabricated to easily slide up and down anchor post

All PVC materials shall either have ultraviolet resistant additive in material or be pointed with a proper coating to prevent ultraviolet deterioration.

If landowner desires a stronger system, the following PVC pipe and fittings may be used:
1. 2" schedule 80 PVC pipe and fittings.
2. 3" Schedule 40 PVC pipe and fittings.
3. 4" schedule 40 PVC pipe and fittings.

ANCHOR DETAIL

1. Anchor post may be wood or steel firmly anchored a minimum of 2' into the ground with 1' protruding above ground.
2. Attach bolt or steel rod to top of anchor post to prevent anchor loop from coming off anchor post.
3. Anchor loops shall be fabricated from #9 galvanized smooth wire or #1 Twin Loop pet chain fastened with bolts, nuts and washers.



ORDER OF CONSTRUCTION

1. Cut pipe as follows:
   2 10' pieces (end)
   3 12' pieces (sides)
   1 8' piece (side)
   1 4' piece (side)
   7 2' pieces (uprights)
   2 4" pieces (extensions for caps on end of frame)
2. Drill 1/8" holes in caps to accommodate hot wire

ASSEMBLY

1. Clean burrs from pipe end.
2. Clean pipe and fitting with generous amount of cleaning solvent. Most lettering should disappear from pipe.
3. Check to be sure all solvent has evaporated from pipe and especially inside the bottom of fitting. Use clean rag to dry if needed.
4. Apply generous amount of cement to pipe and fitting.
5. Join pieces, twisting slightly to desired position, hold together a few seconds.

04/00

Not to Scale

DRAFT

NOT FOR CONSTRUCTION

Date
Designed
Drawn
Checked
Approved

FLOATING ELECTRIC FENCE FOR STOCK WATERING PONDS

United States Department of Agriculture
NRCS Natural Resources Conservation Service

File Name

Drawing Name
29-L-81

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