



NOTE: Connect Tee Handle to Valve With Brass or Copper Bolt

STOCK WATERING SYSTEM

BILL OF MATERIALS		
Quan.	Unit	Item
1	Each	" (P.E.) Pipe Inlet Assembly
300	Feet	Min. 1 1/4" Inside Diameter Supply Pipe
1	Each	" Brass Drain Back Valve and Valve Assembly

Not to Scale

NOTES:

- Supply pipe shall have minimum 1 1/4 inch inside diameter or as otherwise specified. Supply pipe shall comply with ASTM Specification D-2239, AWWA Specification C-901 or equivalent for polyethylene (PE). Water pressure rating (PR) of the supply pipe shall be a minimum of 200 psi at 23°C (73°F). All joints shall be watertight. No joints are allowed under the embankment. Installation requires a V-notch with sideslopes 3:1 or flatter. Backfill shall be free of rocks and other sharp edged materials. Backfill material shall have adequate moisture for compaction. Compaction will be achieved by rubber tired equipment run adjacent to pipe. Fill over the pipe shall be brought up in approximate horizontal layers not to exceed 8" in thickness before compaction. A minimum of 18" of backfill over the pipe is required before heavy equipment is allowed to run over it. Deformation or displacement of pipe must not occur during backfilling. Plastic pipe may be filled with water and capped to prevent collapsing.
- Location of stockwater system will be as staked in the field by the engineer.
- Prior to backfilling, the stock watering system shall be approved by the engineer.

DRAFT
NOT FOR
CONSTRUCTION

STOCK WATER SYSTEM

