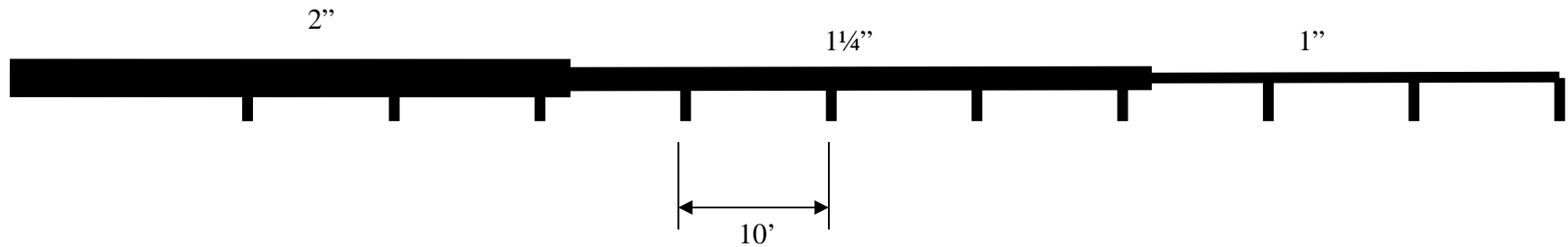




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05-18-06 10 port manifold, 1 of 2 for reverse-return configuration. Conceptual, not to scale. IGSHPA standardized reducing manifold configuration to reduce effort for purging, maintaining flow balance. Centers for ports to match borehole spacing (10', 15' or 20'). Pipe to be DR11, HDPE, rated for GeoExchange installations, confirm ASTM cell classification against IGSHPA minimums.



Example spacing, 10' per manifold port to match 10' borehole spacing