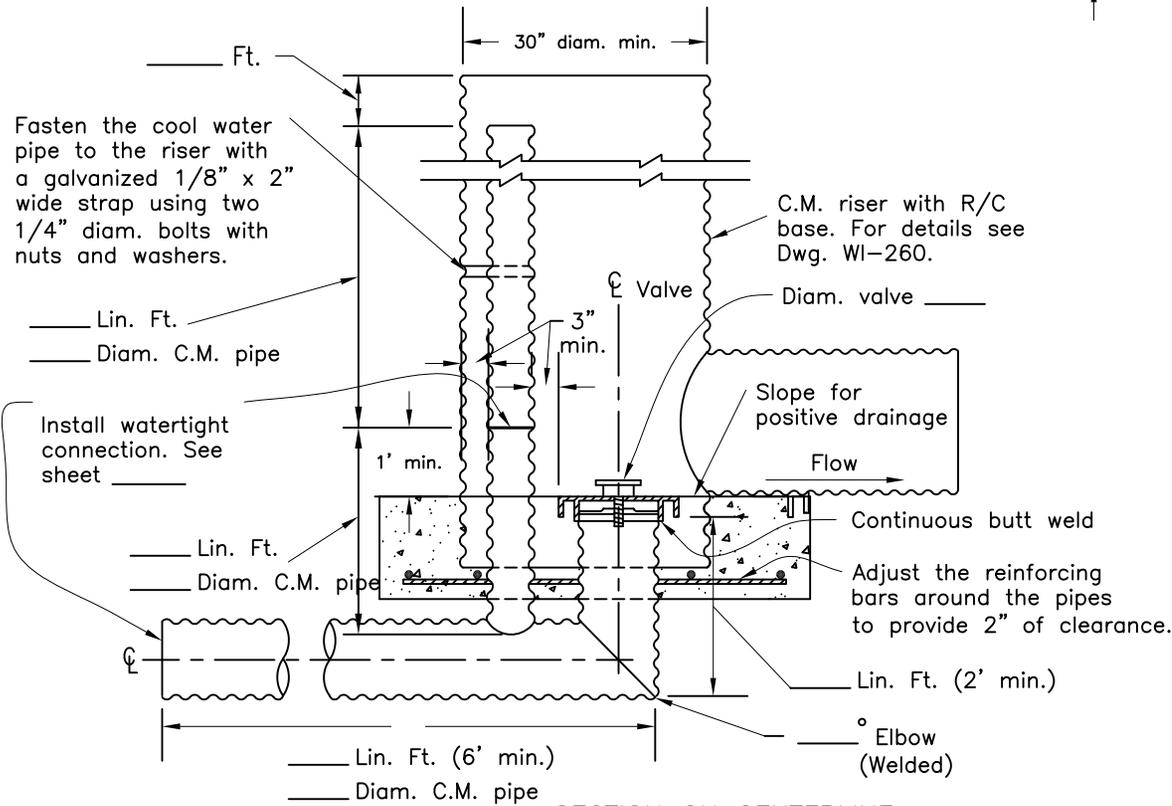


PLAN VIEW

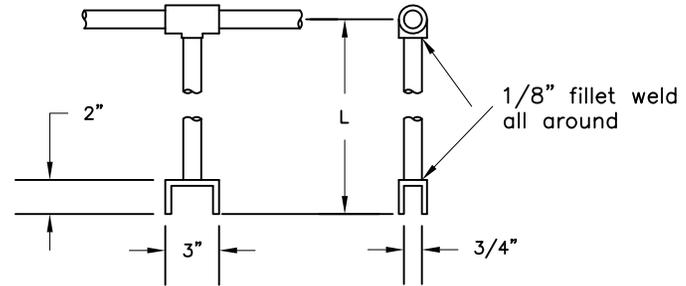
Note:
The cool water pipe may be fabricated in one piece, at the contractor's option.



SECTION ON CENTERLINE

Notes:

1. Dimension "L" equals the distance from the valve to the top of the trash rack, plus 4".
2. Fabricate from 3/4" pipe and 1/4" x 2" strap iron.



VALVE WRENCH DETAIL

Notes:

1. Use a Waterman Alfalfa Valve, Type 3 frame, or equal.
2. Fasten the valve frame to the C.M. riser with a continuous butt weld, as shown. Caution should be taken when welding, to prevent warping the frame and valve seat assembly.
3. The maximum operating head for the alfalfa valve shall be 20 feet.
4. Concrete is to be consolidated around the valve, cool water and drawdown pipes.
5. When the cool water pipe is greater than ten (10) feet long, support it with the strap as detailed in two (2) places. Evenly space the added strap supports between the pipe top and concrete floor.

| | | |
|--|---------------|---------------|
| File Name WI-224 | Date 07/14 | Sheet of |
| Designed | Drawn | Checked |
| Approved | | |
| POND DRAIN AND COOL WATER OUTLET FOR C.M. RISER | | |
| CLIENT: _____ | | COUNTY: _____ |
|  United States Department of Agriculture Natural Resources Conservation Service | | |