Ladder may be constructed in one length at contractor's option on reinforced concrete pipe risers. Where angle steps are required, the lowest angle shall not be more than 1'-0" above the flowline of the drain. The distance between angle steps and between the uppermost angle step and the lowest rung of the ladder shall not exceed 1'-0", power driven fasteners, equivalent to the 1/2" bolts shown, may be used for fixing the angle steps to the wall of the reinforced concrete pipe drain.

Install ladder so that the highest rung is not more than 1'-0" below the top of the riser.

PIPE RISER CONNECTIONS

NOTES:
1. Ladder may be constructed in one length at contractor's option on reinforced concrete pipe risers.
2. On corrugated steel pipe risers, connect ladder splice plate so joint can compress 1/8".
3. Ladder splice plate to be connected with 1/2" x 10" angle step screws or double nuts.
4. Pay limit for 36" risers to centerline of cross pipe.
5. When angle steps are required, the lowest angle shall not be more than 1'-0" above the flowline of the drain. The distance between angle steps and between the uppermost angle step and the lowest rung of the ladder shall not exceed 1'-0", power driven fasteners, equivalent to the 1/2" bolts shown, may be used for fixing the angle steps to the wall of the reinforced concrete pipe drain.
6. Position ladder so that the highest rung is not more than 1'-0" below the top of the riser.