NOTES:
1. WALLS: CAST-IN-PLACE UNITS SHALL HAVE A NOMINAL THICKNESS OF 8" AND MIN. THICKNESS OF 6". PRECAST UNITS SHALL BE REINFORCED SUFFICIENTLY TO PERMIT SHIPPING AND HANDLING WITHOUT DAMAGE.
2. CONCRETE: CAST-IN-PLACE UNITS SHALL USE CLASS "C" CONCRETE.
3. PRECAST BASE: IF A PRECAST BASE IS USED, IT SHALL BE PLACED DEEP ENOUGH SO THAT THE TOP 6" CAN BE ADJUSTED TO PROVIDE THE GRATE ELEVATION SPECIFIED IN THE PLANS OR TO ALLOW POSITIVE DRAINAGE.
4. MINIMUM DPETH: THE MINIMUM DEPTH OF STS-01A SHALL BE THE OUTSIDE DIAMETER (O.D.) OF THE OUTLET PIPE PLUS 4".
5. SIDE INLETS: PROVIDE INLETS ON BOTH SIDES OF THE CATCH BASIN IN SAGS AND ON THE UPSTREAM SIDE ONLY WHERE THE DITCH HAS A CONTINUOUS DOWN GRADE PAST THE CATCH BASIN. FLOWLINE SHALL BE 4" TO 6" BELOW NORMAL DITCH RETURNING TO NORMAL 10'-0" TO 15'-0" ON EACH SIDE OF THE INLET. DO NOT USE CATCH BASINS WITH SIDE INLETS WITH THE CLEAR ZONE.
1. **Walls:** Cast-in-place units shall have a nominal thickness of 8" and min. thickness of 6". Precast units shall be reinforced sufficiently to permit shipping and handling without damage.

2. **Concrete:** Cast-in-place units shall use Class "C" concrete.

3. **Precast Base:** If a precast base is used, it shall be placed deep enough so that the top 6" can be adjusted to provide the grate elevation specified in the plans or to allow positive drainage.

4. **Minimum Depth:** The minimum depth of STS-01B shall be the outside diameter (O.D.) of the outlet pipe plus 4".

**Catch Basin**  
(21" Diameter and Smaller Pipe)