



PRECAST BOTTOM SLAB MAY BE PLACED SEPARATELY. PLACE OUTLET PIPE WITH BOTTOM SLOPED TO DRAIN.

NOTES:

1. **WALLS:** CAST-IN-PLACE UNITS SHALL HAVE A NOMINAL THICKNESS OF 8" AND MIN. THICKNESS OF 6". PRECAST WALLS SHALL BE REINFORCED SUFFICIENTLY TO PERMIT SHIPPING AND HANDLING WITHOUT DAMAGE.
2. **CONCRETE:** CAST-IN-PLACE CONC. IS TO BE CLASS "C". PRECAST CONC. SHALL MEET REQUIREMENTS OF CMS 706.13 AND BE MARKED WITH CATCH BASIN NUMBER.
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 PLANS OR TO ALLOW POSITIVE DRAINAGE.
4. **MINIMUM DEPTH:** MINIMUM DEPTH SHALL BE THE OUTSIDE DIA. (O.D.) OF THE OUTLET PIPE PLUS 4".
5. **SIDE INLETS:** SHALL BE ON BOTH SIDES OF CB IN SAGS & ON UPSTREAM SIDE ONLY WHEN DITCH HAS CONTINUOUS DOWN GRADE PAST THE CATCHBASIN. FLOWLINE SHALL BE 4" TO 6" BELOW NORMAL DITCH RETURNING TO NORMAL 10' TO 15' EACH SIDE OF INLET.
6. **STEPS:** STEPS SHALL BE PROVIDED WHERE DEPTH EXCEEDS 4' AND SHALL MEET REQUIREMENTS OF S-13.

APPROVED 5-30-14

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STANDARD CATCH BASIN
(18" DIAMETER AND SMALLER PIPE)
WITH SIDE INLETS

CITY OF LANCASTER, OHIO
DEPARTMENT OF ENGINEERING

STANDARD CONSTRUCTION DRAWING

DWG. BY: NZ
CHK'D BY: SW

FILE NUMBER
S-31

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