



**NOTES:**

- 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.
- 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.
- 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.

- MINIMUM DEPTH:** MINIMUM DEPTH SHALL BE THE OUTSIDE DIAMETER (O.D.) OF THE OUTLET PIPE PLUS 4".
- STEPS:** STEPS SHALL BE PROVIDED WHERE DEPTH EXCEEDS 4' AND SHALL MEET REQUIREMENTS OF S-13
- INLETS OVER 12' DEPTH:** PRECAST OR CAST-IN-PLACE SHALL BE REINFORCED WITH #4 BARS ON 12" CENTERS, VERTICAL & HORIZONTAL. 6. BARS SHALL HAVE 2" CLEARANCE FROM INSIDE WALL FACE.
- REINFORCEMENT:** TOP REINFORCING BARS SHALL BE ON 6" CENTERS. (SEE REINF. CHART).

WIDTH	MAX. PIPE SIZE
3 FEET	12" TO 27"
4 FEET	30" TO 36"

  

SLAB REINFORCEMENT	
WIDTH	#4 BARS
3 FEET	8
4 FEET	12

APPROVED 5-30-14  
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 REVISED: 5/21/2014

**STANDARD CATCH BASIN**  
 (21" TO 36" DIAMETER PIPE)

CITY OF LANCASTER, OHIO  
 DEPARTMENT OF ENGINEERING  
 STANDARD CONSTRUCTION DRAWING  
 DWG. BY: NZ  
 CHK'D BY: SW  
 FILE NUMBER  
 S-30