



NOTES:

- WALLS:** CAST-IN-PLACE UNITS HAVE A NOMINAL THICKNESS OF 8" AND MIN. THICKNESS OF 6". PRECAST WALLS SHALL HAVE A MIN. THICKNESS OF 6" AND BE REINFORCED SUFFICIENTLY TO PERMIT SHIPPING AND HANDLING WITHOUT DAMAGE. PRECAST TOPS SHALL HAVE MIN. 6" THICKNESS.
- 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 DIA. (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

Brad Fogell
CITY ENGINEER

REVISED: 5/21/2014

STANDARD CATCH BASIN
(21" TO 36" PIPE)
WITH SIDE INLETS

CITY OF LANCASTER, OHIO
DEPARTMENT OF ENGINEERING

STANDARD
CONSTRUCTION DRAWING

DWG. BY: NZ
CHK'D BY: SW

FILE NUMBER
S-32