



CAPITOL FOUNDRY DI-840.03  
OR EJIW V4066-1  
FRAME, COVER & HOOD

PS1-PF STEPS PROVIDED BY  
PRECAST MANUFACTURER OR  
M.A. INDUSTRIES  
SEE DETAIL C06.04  
(MUST BE 16" WIDE,  
INSTALLED TO BE 7" FROM  
FACE OF WALL TO BACK OF  
STEP AND NO GREATER  
THAN 12" SEPARATION) MIN.  
15" OF CLEARANCE MUST BE  
FROM CENTER OF STEP TO  
OUTSIDE OF BOX

FOR PRECAST BOXES,  
JOINTS TO BE SEALED  
WITH BUTYL RUBBER  
JOINT SEALANT

EXTENDED BASE

SEE DETAIL 639.01  
FOR PIPE CONNECTION  
AND FORMED INVERT  
CONSTRUCTION

**NOTES:**

1. Use either concrete building brick - ASTM C55, grade N, type 1 or clay brick - ASTM C32, grade MS.
2. Mortar to be type M.
3. Concrete pipe to be class III
4. Precast boxes to conform to latest ASTM C-913
5. Precast boxes concrete strength to be a minimum 4,000 PSI at 28 days
6. See detail 634.02 for miscellaneous notes.
7. Top of precast box to be field adjusted using methods outlined in specifications.
8. This detail is a representation of the minimum standards for town of Clayton combination curb opening inlet & catch basin. Refer to NCDOT Std. Details 840.00, 840.01, 840.02, 840.03, 840.45, & 840.46 for additional details and requirements.



**TOWN of CLAYTON**  
USE WITH THE TOWN of CLAYTON STANDARD SPECIFICATIONS ONLY

# TYPICAL CATCH BASIN AND CURB INLET WITH HOOD

SCALE: Not To Scale	DETAIL # 2 633.02
REVISION DATE: July, 2010	SHEET #: 1 of 1