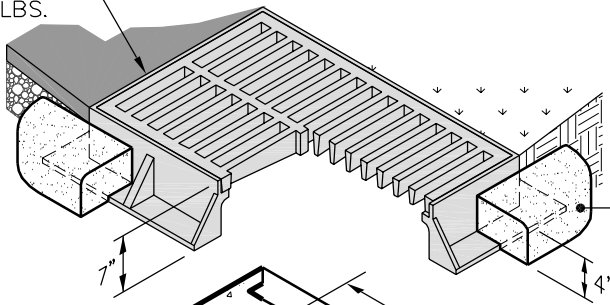


EJIW V-4867-1  
 HEAVY DUTY FRAMES & COVER  
 COVER & FRAMES WEIGHT = 505 LBS.  
 WEIGHT MAY NOT DEVIATE BY  
 MORE THAN -5.0%  
 383 IN.<sup>2</sup> NET OPENING



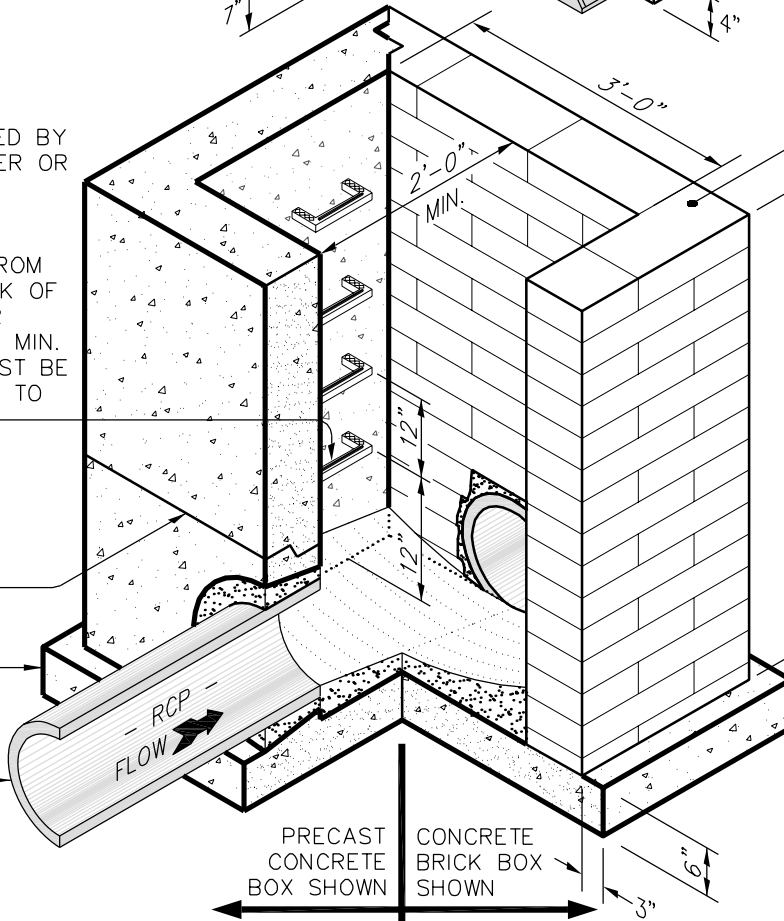
MORTAR COLLAR

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



SEE NOTES BELOW  
 & DETAIL 634.02

VARIES  
 MAXIMUM 8'-0"  
 WITHOUT ENGINEER'S  
 APPROVAL

PRECAST  
 CONCRETE  
 BOX SHOWN

CONCRETE  
 BRICK BOX  
 SHOWN

**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, 840.14, 840.15, 840.16, 840.45, 840.46 & 840.52 for additional details and requirements. Other DOT catch basin standard details may be used with the approval of the Town Engineer. (i.e. In medians, ditches, & swales.)



**TOWN of CLAYTON**

USE WITH THE TOWN of CLAYTON STANDARD SPECIFICATIONS ONLY

**TYPICAL DROP INLET  
 DETAIL**

SCALE: Not To Scale	DETAIL # 2 633.04
REVISION DATE: July, 2010	SHEET #: 1 of 1