



TABLE 1

OUTLET PIPE DIA. $\phi$	INLET DIA. $\phi$
6"	12"
8"	18"
12"	24"

AREA INLET APPROVED FOR USE IN PRIVATE STORM DRAIN SYSTEMS ONLY

NOTES:

1. AREA INLETS TO BE CONSTRUCTED FROM CONCRETE PIPE, IN ACCORDANCE WITH ASTM C 14 UNLESS OTHER WISE SHOWN ON THE PLANS OR NOTED IN THE STANDARD SPECIFICATIONS.
2. KNOCKOUTS OR CUTOUT HOLE SIZE IS EQUAL TO THE OUTLET PIPE OUTSIDE DIAMETER PLUS AREA INLET WALL THICKNESS.
3. CONNECTION TO OUTLET PIPE TO BE MORTARED (INSIDE/OUTSIDE) AND MADE FLUSH WITH INSIDE OF THE AREA INLET WALL.
4. CAST IRON BELL GRATE SHALL MEET THE STRENGTH REQUIREMENTS OF FEDERAL SPECIFICATIONS RR-F-621D. THE GRATE SHALL HAVE SLOTS (HOLES) THAT CONSTITUTE 50% OPEN AREA FOR DRAINAGE. INLET BELL SURFACE SHALL BE FINISHED TO ASSURE NON-ROCKING FIT WITH ANY COVER POSITION.
5. AREA INLET TO BE USED FOR PRIVATE STORM SYSTEMS ONLY.

NO.	REVISIONS	DATE	BY

DWG: D5.DWG



Department of  
Public Works  
**CLARK COUNTY**  
WASHINGTON  
proud past, promising future

STANDARD AREA INLET  
PRIVATE

*[Signature]*  
APPROVED  
COUNTY ENGINEER

01/07/16  
DATE

STANDARD

**D5**

DETAIL

DESIGNED
DRAWN
DATE 01/30/15