



**ISOMETRIC VIEW**  
SCALE 3/4

- NOTES:**
1. TREATMENT CAPACITY IS DEPENDENT ON LOCAL REGULATORY REQUIREMENTS. BYPASS CAPACITY IS DEPENDENT ON OUTLET PIPE DIAMETER. CONTACT OLDCASTLE INFRASTRUCTURE, INC. FOR PROJECT-SPECIFIC TREATMENT AND BYPASS SIZING RECOMMENDATIONS.
  2. STANDARD INLET/OUTLET PIPE CONFIGURATION TO ENTER AND EXIT STRUCTURE AT 180°. SPECIAL ANGLED CONFIGURATIONS AVAILABLE.
  3. TRAFFIC RATED GRATED INLET AND ACCESS COVERS MAY BE FIELD ADJUSTED TO GRADE. FIELD POURED CONCRETE COLLAR AS REQUIRED, BY OTHERS.
  4. FOR DEPTHS LESS THAN THE MINIMUM SHOWN CONTACT OLDCASTLE INFRASTRUCTURE, INC.
  5. STRUCTURE SHALL MEET AASHTO HS-20-44 DESIGN LOADING. CONCRETE COMPONENTS MANUFACTURED IN ACCORDANCE WITH ASTM C890 & C913.
  6. UPON REQUEST, OLDCASTLE INFRASTRUCTURE, INC. CAN PROVIDE A PROJECT-SPECIFIC DRAWING WITH DETAILED DIMENSIONS, PICK WEIGHTS, AND SPECIALS (AS REQUIRED).

THIS PRODUCT IS PROTECTED BY THE FOLLOWING US PATENT: 7,182,874; RELATED FOREIGN PATENTS, OR OTHER PATENTS PENDING.

**DVS-120S-GI**  
**Dual-Vortex Separator**  
*Square Structure with Grated Inlet*

Hydrodynamic Separation

**Oldcastle Infrastructure™**  
A CRH COMPANY

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| DRAWING NO.<br>DVS-120S-GI | REV<br>NR | ECO<br>ECO-0145 | DATE<br>NEW 1/11/19 | DATE<br>JPR 1/11/19 | SHEET 1 OF 1 |
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