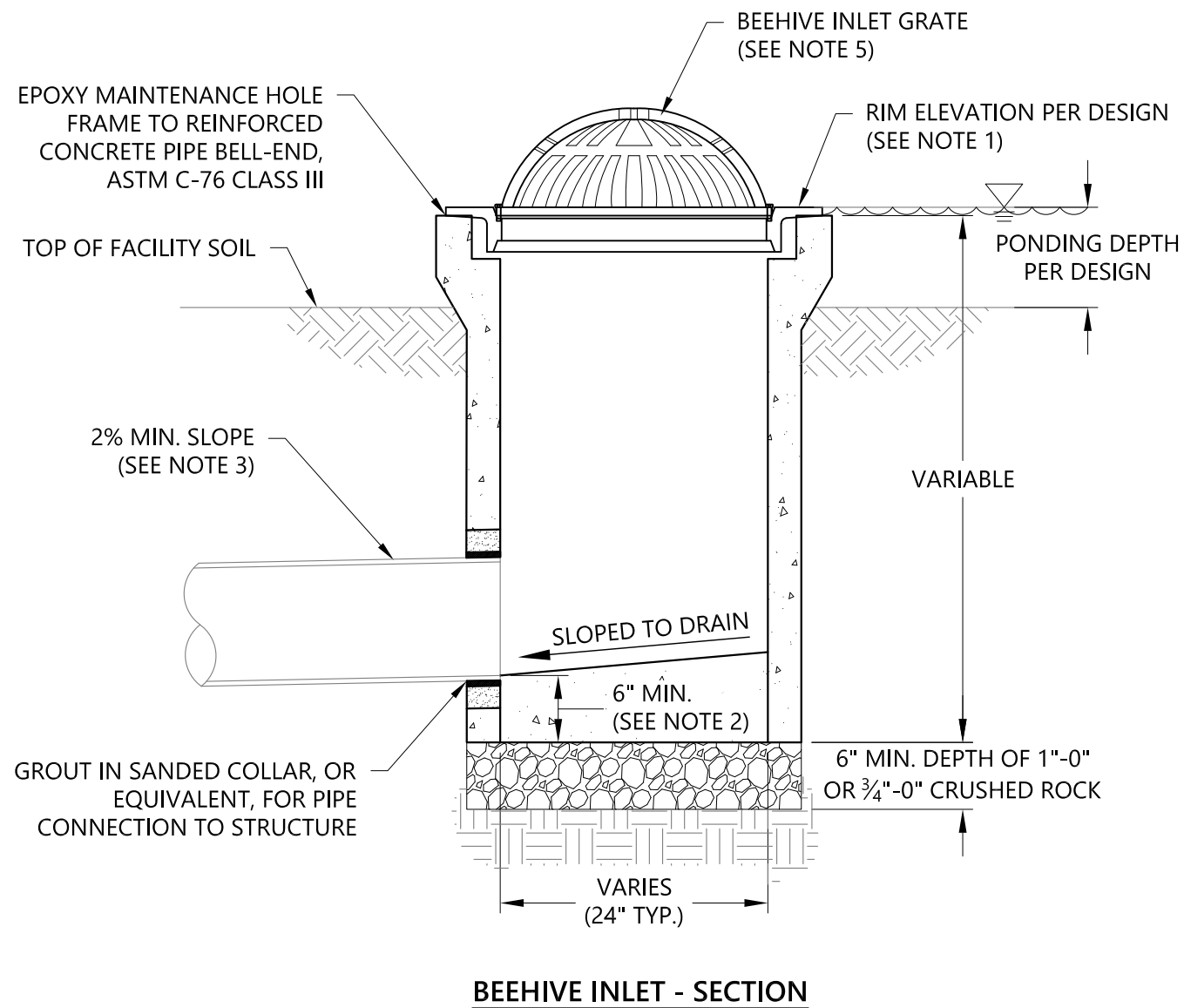



P-309\_BEEHIVE\_INLET.DWG 8/24/20 7:48 AM DANPE



**NOTES:**

1. SET BEEHIVE RIM ELEVATION AT: CURB AND GUTTER FLOW LINE (FL) ELEVATION, 2" BELOW LOWEST SIDEWALK ELEVATION, OR 2" BELOW LOWEST TOP OF CURB ELEVATION. USE WHICHEVER IS LOWEST.
2. CONSTRUCT CONCRETE BASE SLOPED TO DRAIN. CONCRETE BASE SHOULD HAVE A MINIMUM THICKNESS OF 6" AT DRAIN PIPE INVERT.
3. IF CONNECTING TO A COMBINATION SEWER MAINTENANCE HOLE INSTALLATION OF A SWING-CHECK TYPE BACKWATER VALVE OR APPROVED EQUAL IS REQUIRED TO PREVENT ODOR EMISSIONS. INSTALL PER MANUFACTURER'S RECOMMENDATION.
4. IF BEEHIVE INLET IS LOCATED IN A LINED FACILITY, THEN ATTACH LINER TO STRUCTURE USING STAINLESS STEEL SHEAR BANDS.
5. INSTALL OLYMPIC FOUNDRY INC. MH25 BEEHIVE GRATE WITH MH30 24x4 REVERSIBLE RING, OR APPROVED EQUAL.
  - 5.1. CAST IRON ASTM A48 CL30
  - 5.2. 276 OPEN SQUARE INCHES
  - 5.3. BOLT GRATE TO FRAME IN 2 PLACES WITH 3/8" SS HEX BOLT. COUNTER SINK NOT REQUIRED.
  - 5.4. BOLTS TO HAVE ANTI-SEIZE THREAD LUBRICANT APPLIED AT INSTALLATION.

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| <p>The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user.</p> |  <p>Bureau of Environmental Services<br/>CITY OF PORTLAND, OREGON</p> <p>_____<br/>Chief Engineer</p> |   |
|   | <p>STANDARD DRAWING Title</p> <p><b>BEEHIVE INLET</b></p>  |   |
| <p>Note:<br/>All material and workmanship shall be in accordance with the City of Portland Standard Construction Specifications.</p>  | <p>Effective Date: 07-31-20</p>  | <p>Standard Drawing No.</p> <p><b>P-309</b></p> |
|   | <p>Calc. Book No.: N/A</p>   |   |
|   | <p>Baseline Report Date: N/A</p>   |   |