CITY OF AUSTIN
STANDARD PRODUCTS LIST
for
WASTEWATER MANHOLE INTERNAL DROP

USING DEPARTMENT: Austin Water
PREPARED BY: Jeff A. Kyle P.E.
ISSUED: 07/01/19

DESCRIPTION: Internal drop for wastewater manholes, consisting of a fiberglass reinforced polyester resin bowl in combination with PVC drop pipe, meeting the following requirements:
1. Bowl shall be secured to manhole wall using manufacturer-provided anchor bolt assembly.
2. Drop pipe shall be ASTM D3034 SDR35 pipe secured to the manhole wall using manufacturer-provided adjustable brackets, nuts, bolts, washers, and anchor bolt assembly.
3. Brackets shall be at least 11 gauge thick, 316 stainless steel.
4. Nuts, bolts, and washers shall be 18-8 stainless steel.
5. Each anchor bolt assembly shall consist of an 18-8 stainless steel bolt and washer and zinc alloy lead anchor.
6. Stainless steel bracket extensions shall be provided as necessary where the manhole ID changes.

<table>
<thead>
<tr>
<th>LISTING DATE</th>
<th>MANUFACTURER</th>
<th>PRODUCT IDENTIFICATION/COMMENT</th>
<th>APPROVAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>07/01/19</td>
<td>DURAN, INC.</td>
<td>RELINER drop bowl, with drop bowl installation anchor bolt assembly and drop pipe installation adjustable brackets and hardware</td>
<td>J. Kyle</td>
</tr>
</tbody>
</table>

NOTES:
1. Bowl shall be joined to drop pipe using a semi-rigid pipe coupler (SPL WW-354).

LATEST REVISIONS: