NYLOPLAST 30" DRAIN BASIN: 2830AG __ X

1. INTEGRATED DUCTILE IRON FRAME & GRATE TO MATCH BASIN O.D.

2. MINIMUM PIPE BURIAL DEPTH PER PIPE MANUFACTURER RECOMMENDATION (MIN. MANUFACTURING REQ. SAME AS MIN. SUMP)

3. VARIABLE INVERT HEIGHTS AVAILABLE (ACCORDING TO PLANS/TAKE OFF)

4. VARIOUS TYPES OF INLET & OUTLET ADAPTERS AVAILABLE: 4" - 30" FOR CORRUGATED HDPE (ADS N-12/HANCOR DUAL WALL, ADS/HANCOR SINGLE WALL), N-12 HP, PVC SEWER (EX: SDR 35), PVC DWV (EX: SCH 40), PVC CN300/CN505, CORRUGATED & RIBBED PVC

5. ADAPTER ANGLES VARIABLE 0° - 360° ACCORDING TO PLANS

TRAFFIC LOADS: CONCRETE SLAB DIMENSIONS ARE FOR GUIDELINE PURPOSES ONLY. ACTUAL CONCRETE SLAB MUST BE DESIGNED TAKING INTO CONSIDERATION LOCAL SOIL CONDITIONS, TRAFFIC LOADING, & OTHER APPLICABLE DESIGN FACTORS. SEE DRAWING NO. 7001-110-111 FOR NON TRAFFIC INSTALLATION.

THE BACKFILL MATERIAL SHALL BE CRUSHED STONE OR OTHER GRANULAR MATERIAL MEETING THE REQUIREMENTS OF CLASS I, CLASS II, OR CLASS III MATERIAL AS DEFINED IN ASTM D2321. BEDDING & BACKFILL FOR SURFACE DRAINAGE INLETS SHALL BE PLACED & COMPACTED UNIFORMLY IN ACCORDANCE WITH ASTM D2321.

WATERTIGHT JOINT (CORRUGATED HDPE SHOWN)

(3) VARIABLE SUMP DEPTH ACCORDING TO PLANS (10" MIN, BASED ON MANUFACTURING REQ.)

6" MIN

18" MIN WIDTH GUIDELINE

8" MIN THICKNESS GUIDELINE

GRADE OPTIONS

<table>
<thead>
<tr>
<th>PEDESTRIAN</th>
<th>LOAD RATING</th>
<th>PART #</th>
<th>DRAWING #</th>
</tr>
</thead>
<tbody>
<tr>
<td>MEETS H-20</td>
<td>3099CGP</td>
<td>7001-110-220</td>
<td></td>
</tr>
<tr>
<td>STANDARD</td>
<td>MEETS H-20</td>
<td>3099CGS</td>
<td>7001-110-221</td>
</tr>
<tr>
<td>SOLID COVER</td>
<td>MEETS H-20</td>
<td>3099CGC</td>
<td>7001-110-222</td>
</tr>
<tr>
<td>DOME</td>
<td>N/A</td>
<td>3099CGD</td>
<td>7001-110-223</td>
</tr>
</tbody>
</table>

1. GRATES/SOLID COVER SHALL BE DUCTILE IRON PER ASTM A536 GRADE 70-50-05.
2. FRAMES SHALL BE DUCTILE IRON PER ASTM A536 GRADE 70-50-05.
3. DRAIN BASIN TO BE CUSTOM MANUFACTURED ACCORDING TO PLANS/DETAILS. RISERS ARE NEEDED FOR BASINS OVER 8" DUE TO SHIPPING RESTRICTIONS. SEE DRAWING NO. 7001-110-X06.
4. DRAINAGE CONNECTION Stub Joint Tightness Shall Conform To ASTM D3212 For Corrugated HDPE (ADS N-12/HANCOR DUAL WALL), N-12 HP, & PVC SEWER (4" - 24")
5. ADAPTERS CAN BE MOUNTED ON ANY ANGLE 0° TO 360°. TO DETERMINE MINIMUM ANGLE BETWEEN ADAPTERS SEE DRAWING NO. 7001-110-012.

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