NYLOPLAST 18" DRAIN BASIN: 2818AG ___ 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" - 18" FOR CORRUGATED HDPE (ADS N-12/HANCO DUAL WALL, ADS/HANCO SINGLE WALL), N-12 HP, PVC SEWER (EX: SDR 35), PVC DWV (EX: SCH 40), PVC C900/C305, CORRUGATED & RIBBED PVC
5. ADAPTER ANGLES VARIABLE 0° - 360° ACCORDING TO PLANS

8" MIN THICKNESS GUIDELINE
18" MIN WIDTH GUIDELINE
4" MIN

1. GRADES/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 PLAN DETAILS. RISERS ARE NEEDED FOR BASINS OVER 4" DUE TO SHIPPING RESTRICTIONS. SEE DRAWING NO. 7001-110-065.
4. DRAINAGE CONNECTION STUB JOINT TIGHTNESS SHALL CONFORM TO ASTM D28212 FOR CORRUGATED HDPE (ADS N-12/HANCO DUAL WALL), N-12 HP, & PVC SEWER.
5. ADAPTERS CAN BE MOUNTED ON ANY ANGLE 0° TO 360°, TO DETERMINE MINIMUM ANGLE BETWEEN ADAPTERS SEE DRAWING NO. 7001-110-012.

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

<table>
<thead>
<tr>
<th>GRADE OPTIONS</th>
<th>LOAD RATING</th>
<th>PART #</th>
<th>DRAWING #</th>
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<tr>
<td>PEDESTRIAN</td>
<td>MEETS N-10</td>
<td>1899CCP*</td>
<td>7001-110-212</td>
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<tr>
<td>STANDARD</td>
<td>MEETS N-35</td>
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<td>ROOF DRAIN</td>
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<td>1899CGG</td>
<td>7001-110-214</td>
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<td>DOME</td>
<td>NA</td>
<td>1899CGO</td>
<td>7001-110-215</td>
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<td>DROP IN GRATE</td>
<td>LIGHT DUTY</td>
<td>18015</td>
<td>7001-110-074</td>
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</tbody>
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18 IN DRAIN BASIN quick spec installation detail

3130 VERONA AVE
BUFFORD, GA 30518
PHN (770) 932-2443
FAX (770) 932-2490
www.nyloplast-us.com

DRAWN BY: EBC
DATE: 04-03-05
MATERIAL: PEDESTRIAN

REVISED BY: NNM
DATE: 03-14-16
PROJECT NO/NAME:

DWG SIZE: A
SCALE: 1:30
SHEET 1 OF 1

DWG NO.: 7001-110-191
REV: E

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