3' DIA CATCH BASIN

ALTERNATE FLAT TOP AASHTO HS–20 LOADING

SEE DETAIL B

TYPICAL JOINT

PIPE TO MANHOLE
CONNECTIONS SEE
DETAIL A1, A2, A3
(SIZE TO SUIT)

2' ONLY

2' OR 3'

4''

3'

4''

12'' HOLE IN FLOOR

DESIGN NOTES:
1. MANUFACTURED TO MEET OR EXCEED: ASTM C–478 & AASHTO M 199
2. CONCRETE = 4,000 PSI. MINIMUM CEMENT PER ASTM C–478 (6.1)
3. REINFORCED STEEL CONFORMS TO LATEST ASTM A 185 SPECIFICATIONS.
   0.12 SQ. IN / LINEAL FT. & 0.12 SQ. IN (BOTH WAYS BASE AND BOTTOM)
4. STEEL REINFORCEMENT TO MEET OR EXCEED AASHTO HS–25 LOADING
5. BUTYL RUBBER JOINT SEALANT PER ASTM C–990 & AASHTO M–198
6. WATERPROOFING PER CONTRACT SPECS. AS REQUIRED

<table>
<thead>
<tr>
<th>FLOOR</th>
<th>VERT. FT</th>
<th>FLAT TOP</th>
</tr>
</thead>
<tbody>
<tr>
<td>WEIGHT</td>
<td>365 lbs.</td>
<td>528 lbs.</td>
</tr>
<tr>
<td>VOLUME</td>
<td></td>
<td>53 gal.</td>
</tr>
</tbody>
</table>