JPHV-1000
HIGH VELOCITY
STORMWATER INTERCEPTOR

STORMWATER INTERCEPTOR
TYPICAL SYSTEM CONFIGURATION
(SEE NOTE 1)

24" CAST IRON FRAME AND COVER TYP. (STANDARD).

3", 6" OR 12" GRADE RINGS AS REQUIRED (EXTRA COST)

RETAINING CORD AND RING, TYP.

SECTION VIEW

VARIABLE LIQUID DEPTH

NORMAL 36"x24" BAFFLE OPENINGS

SEE NOTE 4

6'-3"

VARIABLE PER PIPE SIZE

S2

24" VAR.

S1

24" VAR.

5'-0"

TOP VIEW
(COVERS & RISERS REMOVED)

OUTLET CONTROL ORIFICE

ALTERNATE PIPE LOCATIONS

ALTERNATE OIL MAT LOCATION

P1

P2

24" OPENING TYP.

5'-1"

48" ROUND

24" VAR.

MODEL JPHV-1000

<table>
<thead>
<tr>
<th>TOTAL TANK CAPACITY</th>
<th>MAXIMUM TREATMENT FLOW (CFS)</th>
<th>RECOMMENDED TREATMENT FLOW (CFS)</th>
<th>RECOMMENDED OUTLET BOX SIZE</th>
<th>RECOMMENDED MIN. NO. OF SORBENT MATS</th>
<th>TANK ACCESS COVERS REQUIRED</th>
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</thead>
<tbody>
<tr>
<td>1,199 GAL.</td>
<td>.32</td>
<td>.26</td>
<td>48&quot; ROUND</td>
<td>1</td>
<td>3</td>
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NOTES:
1. BYPASS STRUCTURE AND JUNCTION BOX SHALL BE SIZED ACCORDING TO PIPE SIZES AND FLOW. ALTERNATIVE CONFIGURATIONS AVAILABLE, CONTACT JENSEN PRECAST FOR MORE INFORMATION.
2. BAFFLE OPENINGS (S1 & S2) SHALL BE SIZED ACCORDING TO FLOW.
3. ALL EXTERNAL PIPING TO BE SUPPLIED BY OTHERS.
4. OIL SORBENT MATS TO BE EQUIPPED WITH RETAINING CORD AND RING, SECURED TO OR UNDER FRAME AND COVER, FOR HAND ACCESS BY OTHERS.
5. DESIGN LOAD: H-20 TRAFFIC FROM 1' TO 6' OF COVER, FOR OTHER DEPTHS, SPECIAL LOADINGS, AND COMPLETE DESIGN INFORMATION, CONTACT JENSEN PRECAST.
6. MINIMUM GROSS TREATMENT HAZEN'S SURFACE AREA LOADING RATE (SALR) SHALL NOT BE GREATER THAN SIX (6) GALLONS PER MINUTE PER SQUARE FOOT. THE SALR SHALL BE CALCULATED BY DIVIDING THE TREATMENT FREE SURFACE AREA IN SQUARE FEET BY THE DESIGN FLOW RATE IN GALLONS PER MINUTE. NO EXCEPTIONS SHALL BE ALLOWED.