



NOTES:

1. HYDROSTOR HS31 CHAMBERS SHALL BE DESIGNED IN ACCORDANCE WITH ASTM F2787 AND SHALL CONFORM TO THE REQUIREMENTS OF ASTM F2418. HS31 CHAMBERS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S LATEST INSTALLATION GUIDELINES.
2. THE SEDIMENT ROW, AS CONFIGURED, IS DESIGNED TO OPERATE AT A LOADING RATE OF 4 GPM/SF AND SHALL ACHIEVE 80% REMOVAL OR GREATER OF TOTAL SUSPENDED SOLIDS (TSS) WITH A d50 PSD OF 63µm. ALTERNATE CONFIGURATIONS OF THE SEDIMENT ROW MAY BE APPLICABLE FOR APPLICATIONS UTILIZING LOWER LOADING RATES OR WITH DIFFERENT REMOVAL EFFICIENCY REQUIREMENTS.
3. INSPECTION AND MAINTENANCE: INSPECTION OF THE SYSTEM SHOULD OCCUR BIANNUALLY TO ENSURE LARGE AMOUNTS OF SEDIMENT OR DEBRIS HAVE NOT BEEN DEPOSITED IN THE SEDIMENT ROW. DURING THE FIRST YEAR, INSPECTION SHOULD OCCUR MORE FREQUENTLY DUE TO CONSTRUCTION SEDIMENT LOADING. TO CLEAN THE SYSTEM, A JET/VAC PROCESS CAN BE USED TO REMOVE SEDIMENT AND DEBRIS FROM THE SEDIMENT ROW. FOR MORE INFORMATION, REFER TO PRINSCO'S "RETENTION/DETENTION CLEANING AND MAINTENANCE" TECHNICAL NOTE.
4. ACCESS PIPE: PRINSCO RECOMMENDS A 12 INCH (600 mm) DIAMETER ACCESS PIPE TO THE SEDIMENT ROW. A 12 INCH (600 mm) INTERNAL SLEEVE ADAPTER (PART # HS31A-12) WILL BE REQUIRED TO CONNECT TO HS31 END CAPS. CONTACT YOUR LOCAL SALES REPRESENTATIVE WITH ANY QUESTIONS.

THIS DETAIL DEPICTS RECOMMENDED INSTALLATION PRACTICES AND IS NOT INTENDED TO SUPERSEDE ANY NATIONAL, STATE OR LOCAL SPECIFICATIONS. PRINSCO BEARS NO RESPONSIBILITY FOR ANY ALTERATIONS, REVISION AND/OR DEVIATION FROM THIS STANDARD DETAIL. PRINSCO HAS NOT PERFORMED ANY ENGINEERING OR DESIGN SERVICE FOR THIS PROJECT. THE DESIGN ENGINEER SHALL REVIEW THESE DETAILS PRIOR TO CONSTRUCTION TO VERIFY SUITABILITY. © PRINSCO, INC.



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