



HS75 Minimum Required Stone Foundation Depth, in (mm)

| Cover Height ft (m) | Minimum Required Bearing Capacity of Native Soil Subgrade, kpf (KPa) | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | 4.1 (196) | 4.0 (192) | 3.9 (187) | 3.8 (182) | 3.7 (177) | 3.6 (172) | 3.5 (168) | 3.4 (163) | 3.3 (158) | 3.2 (153) | 3.1 (148) | 3.0 (144) | 2.9 (139) | 2.8 (134) | 2.7 (129) | 2.6 (124) | 2.5 (119) | 2.4 (115) | 2.3 (110) | 2.2 (105) | 2.1 (101) | 2.0 (96) | |
| 1.5 (0.46) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) |
| 2.0 (0.61) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) |
| 2.5 (0.76) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) |
| 3.0 (0.91) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) |
| 3.5 (1.07) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) |
| 4.0 (1.22) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) |
| 4.5 (1.37) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) |
| 5.0 (1.52) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) |
| 5.5 (1.68) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) |
| 6.0 (1.83) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) |
| 6.5 (1.98) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) |
| 7.0 (2.13) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) |
| 7.5 (2.29) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) |
| 8.0 (2.44) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) | 6.0 (152) |

REFERENCE HYDROSTOR DESIGN GUIDE SECTION 4.1 FOR MORE INFORMATION REGARDING FOUNDATION REQUIREMENTS.

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|--|-----------------|-------------------------|
| TITLE: HYDROSTOR HS75 - SUB-GRADE MINIMUM REQUIREMENTS | | REV: B |
| DRAWN BY: ARB | DATE: 05-Jun-17 | DRAWING NUMBER: D-7-304 |
| SCALE: NTS | SHEET: 1 OF 1 | |