



HS75 Minimum Required Stone Foundation Depth, in (mm)

Cover Height ft (m)	Minimum Required Bearing Capacity of Native Soil Subgrade, kpf (kPa)																					
	4.1 (1.96)	4.0 (1.92)	3.9 (1.87)	3.8 (1.82)	3.7 (1.77)	3.6 (1.72)	3.5 (1.68)	3.4 (1.63)	3.3 (1.58)	3.2 (1.53)	3.1 (1.48)	3.0 (1.44)	2.9 (1.39)	2.8 (1.34)	2.7 (1.29)	2.6 (1.24)	2.5 (1.20)	2.4 (1.15)	2.3 (1.10)	2.2 (1.05)	2.1 (1.01)	2.0 (.96)
1.5	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
(0.46)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)
2.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
(0.61)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)
2.5	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
(0.76)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)
3.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
(0.91)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)
3.5	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
(1.07)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)
4.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
(1.22)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)
4.5	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
(1.37)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)
5.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)
5.5	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
(1.68)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)
6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
(1.83)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)
6.5	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
(1.98)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)
7.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
(2.13)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)
7.5	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
(2.29)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)
8.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
(2.44)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)	(1.52)

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1717 16TH ST. NE
WILLMAR, MN 56201
www.prinSCO.com

TITLE: HYDROSTOR HS75 - SUB-GRADE		
MINIMUM REQUIREMENTS		
DRAWN BY: DJW	DATE: 03-Aug-21	DRAWING NUMBER:
SCALE: NTS	SHEET: 1 OF 1	D-7-304