

Sustainability Advantages of the FoundationWorks System

Note—The FW System requires far less concrete than other approaches and the production of concrete gives off substantial CO₂ (“Greenhouse”) Gas. This is most pronounced when comparing to typical site-built or similar systems.

September 2008

FoundationWorks' System

Structural and Economic Advantages



The Primary
Support Column
(PSC)



The Modular
Support Column
(MSC)



The Perimeter
Support Wall
(PSW)

Sustainability Advantages

FoundationWorks'



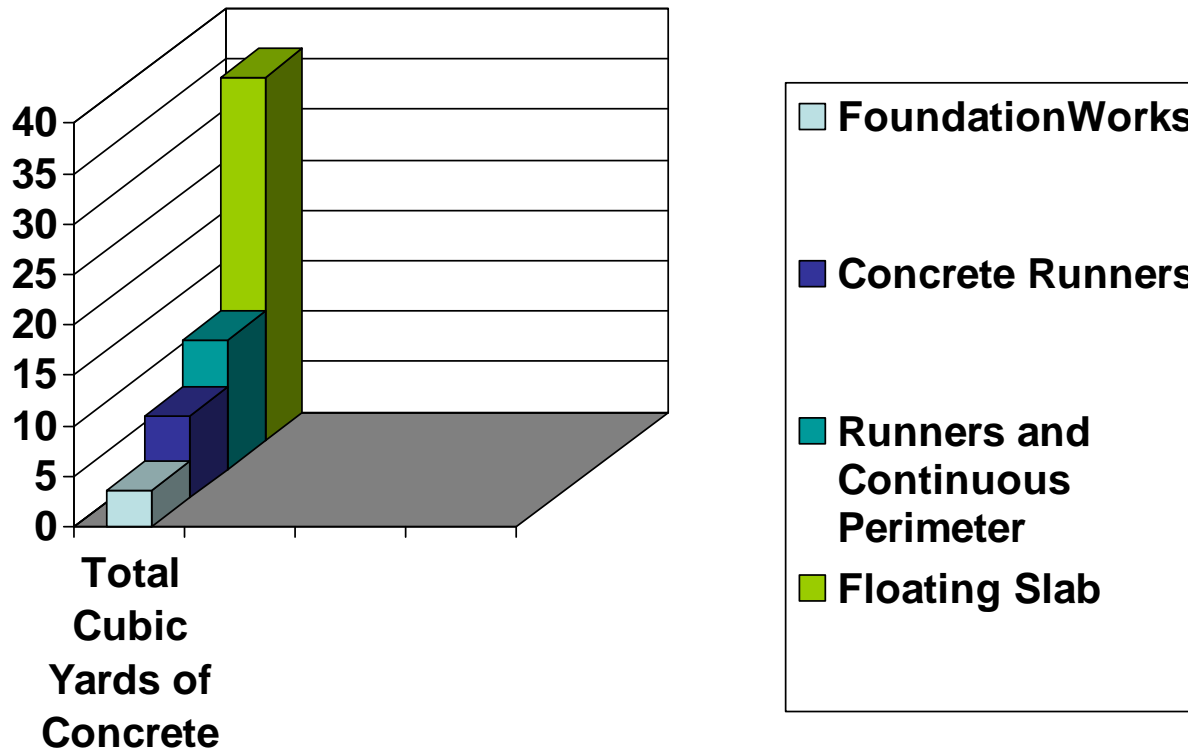
Traditional methods



5 cu.yds. Concrete

50 cu. yds. Concrete

Reduction of Carbon Footprint



On a typical 28'x66' building, FoundationWorks can save between 4.5 and 32 cubic yards of concrete.

There are 450 lbs. of cement in each cubic yard of concrete.

Total Estimated CO2 Savings – Between 2,015 and 14,548 lbs. per home

Other Sustainability Performance – From Insulated Perimeter Wall

Perimeter Support Wall (PSW)

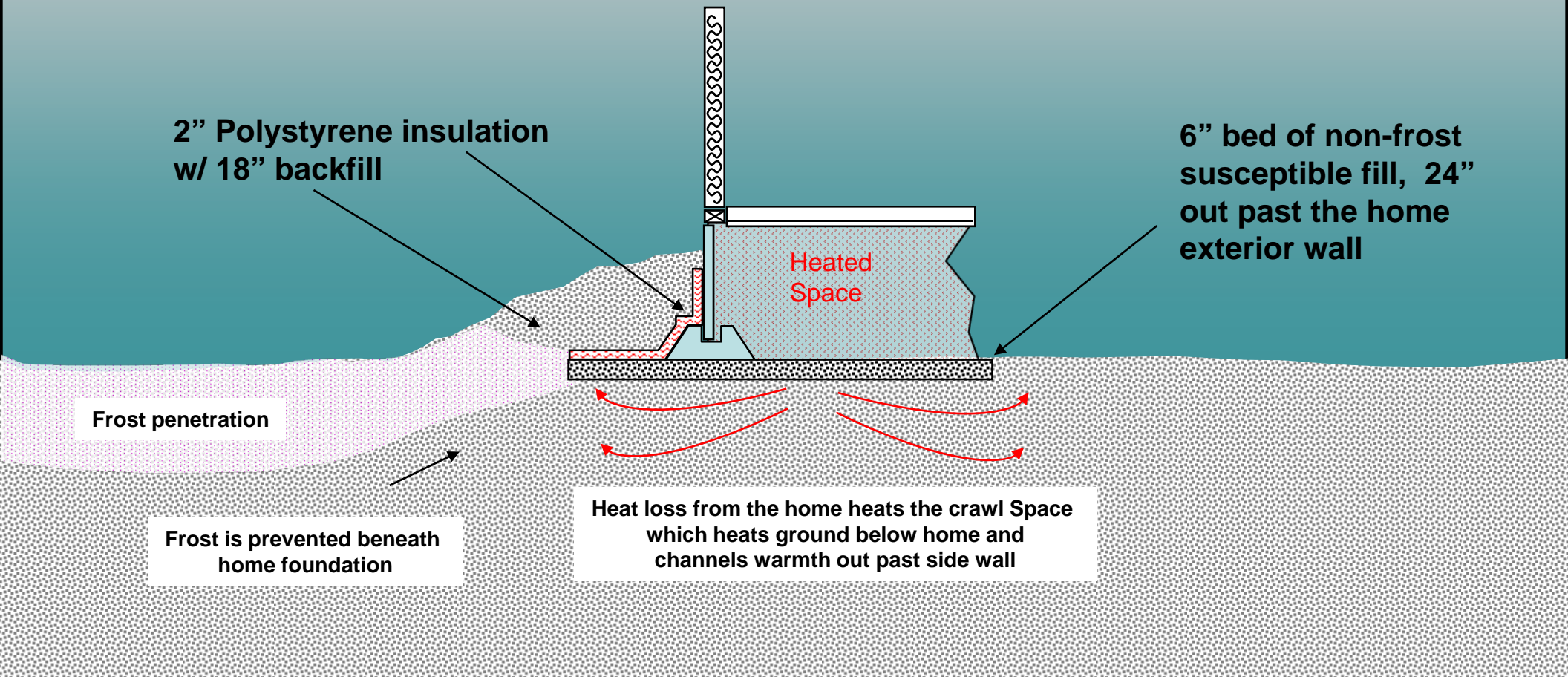


Frost Protection



FOUNDATIONWORKS

Frost Protected to 50"



SUMMARY

- Heavy Frost Areas Can Save 30 cu.yds.+ of concrete Vs. Traditional Poured Concrete Solution