

NATURAL SPACES DOMES VIRTUAL DOME SCHOOL

September 12th, 2020 Saturday Session

Building domes the right way

Introduction to Natural Spaces Domes and its people

Short video tour of our North Branch, Minnesota, 8 dome campus /headquarters

Throughout the sessions we will be answering questions that you email to us.

Saturday 10am to 12pm noon (USA Central Time Zone)

From the Ground up to Roofing

Up it goes! The Natural Spaces Domes method

- The parts and pieces of our domes

- Laying it all out

- Foundations

- Floor Systems

- Riser Wall layout

- Erecting the Dome Super Structure

- Attaching the Exterior Skin

12pm noon - Break time - 30 minutes

Saturday 12:30pm to 2:30pm

Keeping it all dry - Roofing

- Asphalt shingles

- Aluminum shakes

- Wood shingles - stidkspån

- Elastomeric coatings

- Others and ones that don't work

Let the Sun Shine In – Skylights and windows

- Skylights and Window Installation

- Breaking it Open - Extensions, openings, connecting links

- The View Cupola option

- Doors

Making Design Decisions

Site Planning Starts it out

Interior Space Planning in the round

Skylight/Window Groupings

North, South, East and watch out for the west

What do building codes mean to you and your plan?

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September 13th, 2020, Sunday Session

The learning continues

Sunday 10am to 12pm noon (USA Central Time Zone)

So, You Want to Build it Yourself

How Do You Build All Those Dome Pieces?

All things start with our dome connection hardware system

Riser walls

Dome Struts - the Framework

Super-Wal Struts - it's the climate

Exterior Triangle Panels

Interior Triangle Panels

Extension Arches

Insulating

Cutting and Installing Fiberglass Insulation

Other Insulation Systems including seaweed

Permeability and Impermeability

Vapor and Air Barriers

12pm noon - Break time - 30 minutes

Sunday, September 13th 12:30pm to 2:30 pm

Energy Efficiency and Healthy Spaces

Natural Spaces Domes specialties - here's why:

- Matching your dome to your climate zone
- Heating and Air Conditioning
- Radiant Heating Systems in a dome
- Instantaneous Hot Water
- Passive Solar Heating
- Solar Energy in a dome
- Fresh Air with Air to Air Exchangers - ERVs and HRVs and IAQ
- Radon Control

Designing for The Next 100 Years

Making your dome healthy, safe, secure and comfortable

- Maintaining your healthy dome
- Wellness is not just a state of mind
- Water and moisture - the ins and outs
- Batten down the hatches! Keeping you dome where it was built.

Sunday 2:30pm to 3pm

Bonus Time - about 30 minutes

What did we miss? Answering more of your questions.

Note: Some agenda items listed may be changed or others added prior to the school. There will be a final agenda posted on-line on September 11th.

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A fee of \$195 (U.S.) for this Virtual Dome School includes both days.

The Dome School will be broadcast using the ZOOM meeting system on-line. You will be given the meeting link 2 days prior to the meeting. There will be no refunds for this Dome School, but if you miss it after you paid, we will provide you with a private link after September 21st, 2020 at no extra cost. If you are not available on Sep. 12th and 13th, the recorded version will be available for the same fee of \$195 after Sep. 21st. There will be a separate registration link for that site.

To register for the Sept. 12-13 Virtual Dome School, click here:

<https://naturalspacesdomes.com/store/virtual-dome-school/>

Register also by mailing a check for \$195 to:
(Checks from USA accounts only)

Natural Spaces Domes
37955 Bridge Road
North Branch, Minnesota, 55056, USA

If you have questions, email nsd@naturalspacesdomes.com

or call 651-674-4292, International 01-651-674-4292 (Monday – Friday, 9 am to 5pm Central time USA.)

Visit our web site <https://naturalspacesdomes.com> to learn about in-person Dome Schools in 2021.