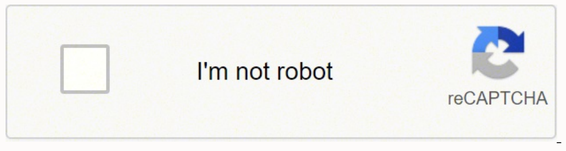
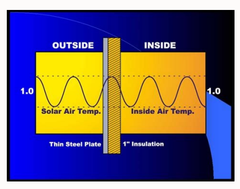


Next

Monolithic dome pdf



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HQ
MICROGRAPHICS
USE ONLY

44

A Public Service Agency

DRIVER LICENSE OR IDENTIFICATION CARD APPLICATION

DO NOT DUPLICATE

1 **PURPOSE FOR YOUR VISIT:** ✓ the appropriate box(es). ***PRINT USING BLACK OR BLUE INK ONLY.***
READ ALL INFORMATION PROVIDED ON THE FRONT AND BACK OF THIS FORM.

DRIVER LICENSE (DL)
☐ Original DL/Permit ☐ Remove Restriction
☐ Renewal ☐ Change/Add Class
☐ Duplicate
____ Lost ____ Stolen
Complete Parts 2 through 8.

IDENTIFICATION CARD (ID)
☐ Original ID Card/Renewal
☐ Senior ID Card/Renewal (Age 62+)
☐ Replacement
____ Lost ____ Stolen
Complete Parts 2, 3, 5A, 6 & 7 only.

NAME CHANGE/ CORRECTION
☐ DL
☐ ID CARD
Complete Parts 2, 3, 5, 6 & 7 only.

FOR DMV USE ONLY
BD/LP Code
State/Country
DOCUMENT#
Review: Primary
Secondary Tech ID/Date

2 **PLEASE PROVIDE THE FOLLOWING:**
NOTE: You must use your true full name. Original documentation may be required. Refer to the *California Driver Handbook*.

Driver License **or** ID Card Number	State **or** Country	Expires MO / DAY / YR	Birth Date MO / DAY / YR	Social Security Number – –

First Name	Middle Name	Last Name	Suffix (Jr, Sr, III)

Mailing Address, P.O. Box, or Private Mail Box **(include Box Number, St., Ave., Rd., Blvd., etc.)**, Number, Street, Apt/Space No., City, State, Zip Code

Address Where You Live **(If different from mailing address)**, Number, Street, Apt/Space No., City, State, Zip Code

Sex	Hair Color	Eye Color	Height	Weight
☐ M ☐ F				

3 **COMPLETE THIS SECTION ONLY IF YOU *ARE NOT* ELIGIBLE FOR A SOCIAL SECURITY NUMBER:**

I certify under penalty of perjury under the laws of the State of California that no Social Security Number has ever been issued to me and I am not presently eligible for a Social Security Number. I understand that pursuant to Vehicle Code Section 12801 I must provide my Social Security Number to the Department of Motor Vehicles when one is assigned to me.

Signature
X

Date

4 **LICENSING NEEDS:** ✓ the appropriate box(es). Refer to the *California Driver Handbook for additional information.*

BASIC LICENSE ☐ Basic Class C ☐ Motorcycle
If basic license only, go to Part 5.

NON-COMMERCIAL LICENSE ☐ Class A ☐ Class B

☐ **AMBULANCE CERTIFICATE**

5 **THE FOLLOWING QUESTIONS MUST BE ANSWERED:**

A. Have you applied for a Driver License or Identification Card in California or another state/country using a different name or number within the past ten (10) years? ☐ Yes ☐ No
If yes, print name, DL/ID number, and state or country

B. Have you had your driving privilege or a driver license cancelled, refused, delayed, suspended, or revoked? ☐ Yes ☐ No
If yes, indicate date and reason below.
DATE REASON

C. Within the last five years, have you had or experienced any of the medical conditions specified on the back of this form that affects your ability to operate a motor vehicle safely? ***Please read the "Medical Information" on the back of this form before answering.*** ☐ Yes ☐ No
If yes, briefly explain:

6 **DO YOU WISH TO REGISTER TO VOTE OR CHANGE POLITICAL AFFILIATION OR VOTER ADDRESS?**

DO YOU WISH TO REGISTER TO VOTE OR CHANGE POLITICAL AFFILIATION?
Y ☐ YES—Complete the attached voter form.
N ☐ NO—Do not complete attached voter form.

VOTER CHANGE OF ADDRESS
I am a registered voter; I moved and wish to update my voter record.
C ☐ to a new county—Complete the attached voter form.
S ☐ within the same county—Do not complete the attached form. Your voter record will be automatically updated.

7 **DO YOU WISH TO REGISTER TO BE AN ORGAN AND TISSUE DONOR?**

DO YOU WISH TO REGISTER TO BE AN ORGAN AND TISSUE DONOR?
☐ YES! I want to be an organ and tissue donor.
☐ $2 voluntary contribution to support and promote organ and tissue donation.

If you mark "YES!" you will be added to the Donate Life California organ and tissue donor registry and a pink donor dot will be printed on the front of your driver license or identification card. If you are currently registered, you must check "YES!" to have the pink donor dot printed on your license or identification card. If you wish to remove your name from the donor registry, you must contact Donate Life California (see back). The Department of Motor Vehicles can only remove the pink donor dot from your license or identification card.

8 **FOR DRIVER UNDER 18, PARENT/GUARDIAN SIGNATURES REQUIRED:**
If both parents/guardians have joint custody, ***BOTH MUST SIGN***. I/We accept civil liability for this minor.

Mother's/Guardian's Signature X	Date	Daytime Phone Number ( )

Address *Street* *Apt. No.* *City* *State* *Zip*

Father's/Guardian's Signature X	Date	Daytime Phone Number ( )

Address *Street* *Apt. No.* *City* *State* *Zip*

9 **CERTIFICATION:** I have read, understand and agree with the contents of this form, including the certifications on the **BACK** of this form.
I certify (or declare) under penalty of perjury under the laws of the State of California that the foregoing is true and correct.

STOP **Do not sign until instructed to do so by a DMV employee.**

Applicant's Signature X	FOR DMV FIELD OFFICE USE ONLY
Date / Daytime Phone Number ( )	

DL 44 (REV. 10/2008)

Monolithic dome construction. Monolithic dome philippines. Monolithic dome builders. Monolithic dome homes. Monolithic dome floor plans. Monolithic dome homes for sale 2021. Monolithic dome institute texas. Monolithic dome homes cost.

Building Monolithic Domes, by Sean Lanham, Architecture Week Trinity Dome Construction Log, a first-time homebuilder's experience Retrieved from " Monolithic "Dome of a Home" in Pensacola Beach, Florida, after Hurricane Dennis in 2005 Construction records The largest monolithic dome in the world is the home of Faith Chapel Christian Center in Birmingham, AL, which is 72 feet (22 m) tall, and 280 feet (85 m) in diameter.[2] Inside is a floor area of 74,500 square feet (6,920 m2) in two levels.[3] Some communities in the United States have chosen to use monolithic dome technology in the construction of new schools.[4] A map[5] of recently built monolithic dome schools can be found here: [1] A residential house, the monolithic "Dome of a Home" in Pensacola Beach, Florida, has experienced several hurricanes since it was built.[6] See also Binishell Bubble Houses (Litchfield Park, Arizona) Hurricane-proof building Monolithic church Wallace Neff Xanadu House References ^ Air Force Link - Week In Photos Gallery View Archived 2007-12-12 at the Wayback Machine ^ "FCCC Monolithic Dome Facts". We are happy to explain why we are the world leading monolithic dome builders. The curved surfaces inherent to monolithic dome construction often result in oddly shaped rooms when divided up, which can result in wasted space in narrow corners. ^ "Monolithic Dome Schools in America". Homes Safe Rooms Schools Churches Sports Facilities Storages This article includes a list of general references, but it remains largely unverified because it lacks sufficient corresponding inline citations. The exposed surface of the air form may be left as is, or a surface treatment such as paint, tile, etc., may be applied. This effect can be minimized by constructing the dome on a stem wall, or by using an airform of such shape as to allow for straight, vertical walls at ground level. Social Social disadvantages of monolithic domes are to a large degree shared by geodesic domes, due to the similar shape and unorthodox construction. There are issues of wasted floor space due to wall curvature and problems fitting furniture, similar to those of Quonset huts. Current construction methods Modern construction differs significantly from the original concrete-over-dirt method. Resale of a monolithic dome home may be difficult because of its unconventional appearance. (Its purposes are to give rigidity to the air form, secure the re-bar in place, provide support for spraying in the concrete mixture, and insulate the final structure.) Rebar is attached to the outside layer of foam, using clips that are attached to the foam. The spherical sections of the dome offer minimal surface area for the volume they contain, so there is less surface for heat transfer with the outside air. The form may be permanent or temporary and may or may not remain part of the finished structure. Several inches of concrete are sprayed over the re-bar frame. Forms have been made using nearly every common structural material including air pressure supported fabric. They are proven science. Knell, and opened in 1963 as an ice skating rink. While it is constructed of blocks of compressed snow, these blocks melt and re-freeze to form a strong, homogeneous structure. The interior of the structure was totally destroyed, but the dome itself remained standing (see picture). After the concrete has set, the blower is turned off. Turtle Reams was built by first creating a mound of dirt in the desired shape of the shell, an ellipsoidal section 240 feet (73 m) long, 160 feet (49 m) wide and 40 feet (12 m) high. History The igloo may be the earliest form of monolithic dome. Domes are great for multi-purpose sports facilities due to their open floor plan and independence from interior support like walls and beams. The first modern monolithic dome structure was built in Provo, Utah, by architect Lee C. Archived from the original on 2008-02-29. Today, monolithic domes are used in a variety of residential, commercial and industrial projects. The strength is due to the natural strength of the arch, and the insulation is due to the minimal surface area of a spherical section. Our domes are more than just structures. The monolithic dome's lack of seams may make it too well sealed; dehumidifiers are required in all but the driest climates. Depending on the situation, a large variety of variations available from the standard circular shape can avoid some of these problems. ^ "Monolithic Dome Schools". Called Turtle Reams after its 1967 conversion into a general store by new owner Paul Ream, the building stood until it was demolished in 2006 for new construction. Built worldwide for residential, commercial, and industrial uses the Monolithic Dome is beautiful, energy efficient, green, and strong. A wrecking ball demolished a strip several feet wide around the perimeter of the structure, without a collapse. bomb.[1] Apart from the hole made by the entry of the bomb, it remained structurally sound. Archived from the original on 2008-06-19. Building permits may be difficult to obtain if local officials are not familiar with the monolithic dome. Please help to improve this article by introducing more precise citations. (Proper selection of air form material will ensure prevention from long-term degradation due to ultraviolet radiation.) In instances where necessity requires economical construction for multiple small and basic dwellings, the dome can be built without insulation and the air form can be removed after completion and re-used to build additional domes. When a doorway on one side was pulled down, the dome finally tipped over, and collapsed. After the concrete was cured, the dirt was excavated through the doorways, leaving the roof standing in its place. The floor was then poured to finish the structure. Retrieved 2008-04-25. The one piece construction of the monolithic dome also eliminates many of the seams through which air can leak, though this is mitigated to some degree in residential domes by the addition of multiple doors and windows. Engineering The techniques used in monolithic dome construction are very different from normal construction methods, so only specially trained construction crews are suited for building a dome using the modern techniques. Recently, a number of monolithic domes constructed using MDI techniques have survived major disasters: Several monolithic domes in Florida survived direct hits by Hurricane Katrina in 2005. A monolithic dome (from Greek mono- and -lithic, meaning "one stone") is a thin-shell structure cast in a one-piece form. The Monolithic Dome Institute (MDI) advances the construction of the Monolithic Dome — a super insulated, steel reinforced, thin-shell concrete structure. The mound was then covered in a grid of rebar, to provide strength, and a layer of concrete approximately 4 inches (100 mm) thick. Durability This domed government building in Baghdad, formerly a part of Saddam Hussein's regime, was hit by a 5,000 lb (2,300 kg). Contact our team to learn more about our patented technology, our history and our past projects. The air form contains an airlock to allow workers to enter the form while it is inflated. (February 2008) (Learn how and when to remove this template message) Example of a monolithic dome at the Centro de la Familia de Utah Migrant Head Start Center, Genola, Utah. The fabric form, or air form, is attached to the foundation and inflated with an air blower. Disadvantages While the monolithic dome has numerous demonstrated engineering advantages, there are also some disadvantages, both engineering and social. Climate control The monolithic dome, for a number of reasons, is very energy efficient. bomb. The dome-like shape of the igloo exhibits the two major advantages of a dome-shaped structure: great strength, and good insulation. Due to their structural integrity, they are used as the containment buildings at some nuclear power plants. Because of the strength, durability and economics, they are used to store large amounts of various commodities in the cement, fertilizer, agricultural, power and mining industries. ^ "Architectural Dome Facts". By placing the insulating foam on the outside of the concrete shell, the concrete acts as a thermal mass inside the building, reducing interior temperature fluctuations far more than the traditional home's insulation inside of a brick or stone veneer. The first dome built using these method was constructed in April 1976 in Shelley, Idaho: A reinforced concrete foundation, or "ring beam", is constructed, defining the shape of the base of the structure. A layer of polyurethane foam is sprayed on the interior of the form. ^ External links Wikimedia Commons has media related to Monolithic domes. Monolithic domes are a form of monolithic architecture. The combination of practicality and the beautiful dome design give value and quality to your community and athletic programs. The current methods were developed by three brothers from Idaho: David, Barry, and Randy South. These disadvantages are: The radically different appearance of the domes also decreases the appeal for their use as private residences—the standard circular base doesn't fit well on small lots found in many areas, and the strange appearance and design may run afoul of neighborhood building covenants. Many monolithic domes were in the path of the 2005 and 2006 wildfires in Oklahoma and Texas, and survived with only slight charring of the exterior foam insulation. The demolition of Turtle Reams also demonstrated the durability of the monolithic dome structure. In 2003, a monolithic dome government building in Iraq survived a direct hit by a 5,000 lb (2,300 kg). The dome, when finished, is earthquake, tornado and hurricane resistant (the US Federal Emergency Management Agency rates them as "near-absolute protection" from F5 tornadoes and Category 5 Hurricanes). Our monolithic dome building technology makes our structures energy efficient, strong, cost efficient, low maintenance and simply beautiful.