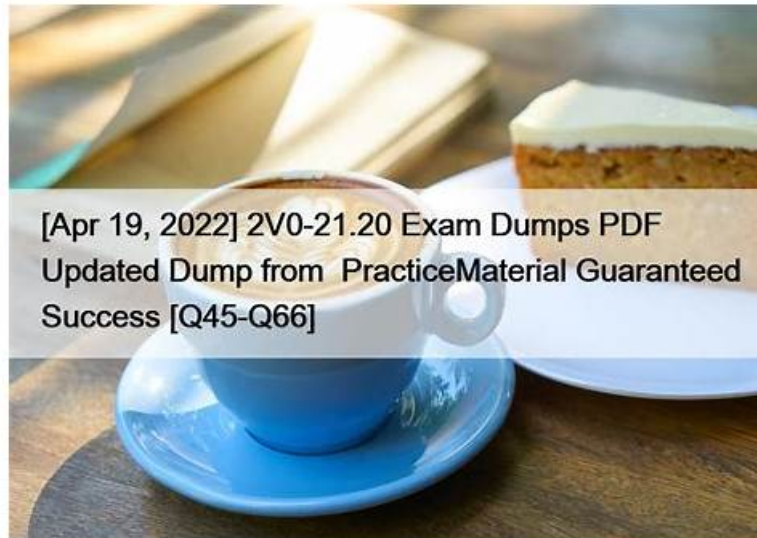


Project-Planning-Design Guide Braindumps Is Typically Beneficial for Project-Planning-Design Exam - PracticeMaterial



P.S. Free & New Project-Planning-Design dumps are available on Google Drive shared by PracticeMaterial:
https://drive.google.com/open?id=1QB7bTNbGkxi3x1ssFO47FKaIA_B34Ut

To pass the NCARB Project-Planning-Design exam on the first try, candidates need ARE 5.0 Project Planning & Design (PPD) updated practice material. Preparing with real Project-Planning-Design exam questions is one of the finest strategies for cracking the exam in one go. Students who study with NCARB Project-Planning-Design Real Questions are more prepared for the exam, increasing their chances of succeeding. Finding original and latest Project-Planning-Design exam questions however, is a difficult process. Candidates require assistance finding the Project-Planning-Design updated questions.

This is your right to have money-back guarantee, namely once but a full refund with the transcript. Some people worry about the complex refund of our Project-Planning-Design exam practice, as a matter of fact, our refunding procedures are very simple. We will immediately refund if the buyer provide failure test proof just like failure score scan or screenshots. If you have any questions about our Project-Planning-Design Preparation quiz, please contact us by online service or email, we will reply as soon as possible.

>> Demo Project-Planning-Design Test <<

3 Formats of NCARB Project-Planning-Design Dumps that Suit your Study Style

It is known to us that the error correction is very important for these people who are preparing for the Project-Planning-Design exam in the review stage. If you want to correct your mistakes when you are preparing for the Project-Planning-Design exam, the study materials from our company will be the best choice for you. Because our Project-Planning-Design reference materials can help you correct your mistakes and keep after you to avoid the mistakes time and time again. We believe that if you buy the Project-Planning-Design exam prep from our company, you will pass your exam in a relaxed state.

NCARB Project-Planning-Design Exam Syllabus Topics:

Topic	Details
Topic 1	Environmental Conditions & Context: This section of the exam measures skills of architectural designers and covers how to use site analysis information to determine building placement and environmental planning decisions. It emphasizes applying sustainable principles and considering the neighborhood context to guide project design.

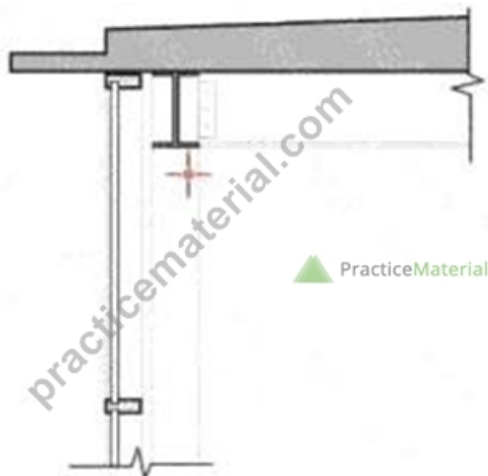
Topic 2	• Building Systems, Materials, & Assemblies: This section of the exam measures skills of architectural designers and covers the understanding of building systems such as mechanical, electrical, and plumbing, along with structural and specialty systems. It also involves selecting appropriate materials and assemblies to align with program needs, budgets, and regulations.
Topic 3	• Codes & Regulations: This section of the exam measures the skills of project architects and focuses on applying zoning laws, environmental rules, and building codes during the planning stage. Candidates are tested on how to integrate multiple regulatory requirements into a project's design effectively.
Topic 4	• Project Costs & Budgeting: This section of the exam measures skills of architectural designers and assesses the ability to evaluate design alternatives based on program goals, perform cost evaluations, and manage cost considerations throughout the design process.
Topic 5	• Project Integration of Program & Systems: This section of the exam measures skills of project architects and focuses on integrating decisions about environmental conditions, codes, and building systems into one cohesive project design. It highlights how to configure the building and incorporate both program requirements and contextual conditions in a unified design approach.

NCARB ARE 5.0 Project Planning & Design (PPD) Sample Questions (Q20-Q25):

NEW QUESTION # 20

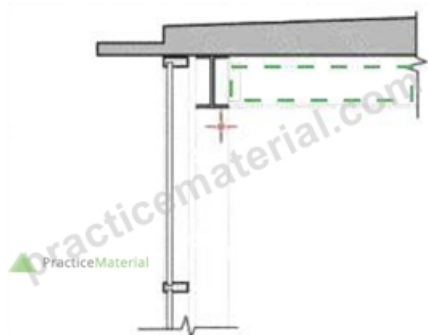
An owner requests full height, motorized solar shades for the lobby curtainwall.

Click on the area of the section detail where the shade should be installed so that it is concealed from the lobby.



Answer:

Explanation:



Explanation:

The solar shade should be installed within the ceiling recess above the curtainwall, behind the horizontal soffit—specifically in the void space between the top of the curtainwall glazing and the structural ceiling soffit (the shaded area immediately above the curtainwall glass in the section).



NEW QUESTION # 21

An architect is designing a mixed-use building and must provide fire separation between the various use types. Which properties must be considered to meet the fire separation requirements? Check the three that apply.

- A. Occupancy type
- B. Wall assembly materials
- C. Length of exit corridor
- D. Air changes per hour
- E. Orientation of building
- F. Wall to structure connection

Answer: A,B,F

Explanation:

Comprehensive and Detailed Explanation From Exact Extract:

To meet fire separation requirements, the following must be considered:

Occupancy type (B): Different uses have different fire hazard classifications influencing separation.

Wall assembly materials (D): Materials define fire resistance ratings.

Wall to structure connection (A): Proper connection maintains fire separation integrity.

Air changes (C) relate to ventilation, not separation.

Exit corridor length (E) and building orientation (F) affect egress and solar exposure, not fire separation.

References:

ARE 5.0 PPD - Codes and Regulations, Fire Separation

The Architect's Handbook of Professional Practice, 15th Edition - Fire-Resistive Construction

NEW QUESTION # 22

Structural costs for wind resistance increase exponentially as building height is increased, primarily due to which of the following factors? Check the two that apply.

- A. Live load increases as the number of stories increase.
- B. Snow and rain loads increase on the roof portion of the structure.
- C. Use of precast panels instead of metal/glass panels increase costs.
- D. There is a need for control of excessive drift at higher floors.
- E. Dead load increases as the number of stories increases.
- F. Wind pressure is greater at higher surfaces.

Answer: D,F

Explanation:

Comprehensive and Detailed Explanation From Exact Extract:

As building height increases, wind pressures acting on the building surfaces increase because wind speed generally increases with elevation due to reduced friction from ground features (A).

Additionally, taller buildings experience larger lateral displacements (drift), requiring more complex structural systems and stiffer

frames to control excessive drift for occupant comfort and structural safety (E).

This requirement significantly increases structural costs.

Dead load (B) and live load (D) increase with stories but do not increase exponentially or primarily affect wind resistance costs.

Snow and rain loads (C) mostly affect the roof, not height-related wind loads.

Choice of cladding materials (F) impacts cost but is not a primary reason for exponential wind resistance cost increases.

References:

ARE 5.0 PPD - Environmental Conditions and Context, Structural Wind Design The Architect's Handbook of Professional Practice, 15th Edition - Wind Loads and Structural Costs

NEW QUESTION # 23

Which of the following is the most effective way to reduce noise in mechanical air delivery systems?

- A. Provide exterior duct insulation
- B. Reduce the free area of the supply air grille
- C. Increase the size of the ductwork

Answer: C

Explanation:

Comprehensive and Detailed Explanation From Exact Extract:

Noise in mechanical air delivery systems is often caused by high air velocity and turbulence within ducts, which generate sound that can be transmitted to occupied spaces.

Increasing the size of the ductwork (A) lowers the air velocity for a given volume of air flow, which reduces turbulence and noise generation inside the duct. Larger ducts allow air to move more quietly and efficiently.

Exterior duct insulation (B) can reduce noise transmission through the duct walls but is less effective at controlling the noise generated by airflow itself inside the duct.

Reducing the free area of the supply air grille (C) increases velocity at the grille, potentially increasing noise at the outlet and causing discomfort.

Therefore, the most effective strategy is increasing duct size to reduce air velocity and noise.

References:

ARE 5.0 PPD - Building Systems and Assemblies, HVAC and Acoustics

NEW QUESTION # 24

Examples of regulatory controls include which of the following elements? Check the four that apply.

- A. Historic designation
- B. Socio-political demographics
- C. Economic models
- D. Fire protection
- E. Environmental management
- F. Master plans

Answer: A,D,E,F

Explanation:

Comprehensive and Detailed Explanation From Exact Extract:

Regulatory controls are governmental or authoritative rules that regulate land use, building design, and environmental protection.

Master plans (A): Provide regulatory frameworks guiding development.

Environmental management (B): Includes regulations on land, water, and air quality.

Fire protection (C): Enforced through codes and regulations.

Historic designation (E): Regulates preservation and alterations of historic sites.

Socio-political demographics (D) and economic models (F) are influential factors but are not regulatory controls.

References:

ARE 5.0 PPD - Codes and Regulations

The Architect's Handbook of Professional Practice, 15th Edition - Land Use Controls

• • • • •

Project-Planning-Design Test Simulator: <https://www.practicematerial.com/Project-Planning-Design-exam-materials.html>

- 2025 Latest PracticeMaterial Project-Planning-Design PDF Dumps and Project-Planning-Design Exam Engine Free Share:
https://drive.google.com/open?id=1QB7bTNbGkxi3x1ssFO47FKaIA_B34Ut