

## Angels in the Architecture 2: Build it Bigger Round 1

1. The “zig-zag molding” was popularized under this man, and a church commissioned by him was the first in France to use the rib vault and sexpartite vaulting. When this man moved his capital away from Rouen, he commissioned the Abbaye aux Dames and the Abbaye aux Hommes in his new city. This man is buried in the church of St-Etienne in his secondary capital of Caen. One of this man’s church-building campaigns was led by Lanfranc of Bec, whom he appointed Archbishop of Canterbury. This man founded the expiatory Battle Abbey at the site of his most famous achievement, and his other commissions include the Tower of London. For 10 points, name this patron who spread Norman architecture northward by invading England in 1066.

ANSWER: **William the Conqueror** [or **William the Bastard**, or **William I**]

2. The ceremonies of the Plynteria, or Washing Festival, centered on an object housed in this building. The part of this building sacred to Zeus had a hole in its ceiling to commemorate a thunderbolt strike on the spot. The western section of this building covered a rock-cut tomb known as the Kekropion, which was topped by a group of statues though to represent libation bearers. Elsewhere, this building housed a wooden icon called the Palladium. This building is named for the legendarily autochthonous founder of its city, and it supposedly contained both the trident-strike of Poseidon and the olive tree of Athena. Five statues of women along this building’s south side have elaborate hairstyles that increase their necks’ abilities to support the lintel above them. For 10 points, name this building on the Acropolis that contains the Porch of the Caryatids.

ANSWER: the **Erechtheion** [or the **Erectheum**]

3. The concave facade designed by this man for one of his churches allows it to smoothly cap the end of a courtyard designed by Giacomo della Porta at the Palazzo alla Sapienza. That church by this man features a plan consisting of an equilateral triangle with its corners clipped and a semicircular lobe projecting from each side. Despite contributing forced-perspective window moldings for the facade and an elliptical spiral staircase for the interior, this man was passed over in favor of a younger sculptor for the Palazzo Barberini commission when his relative Carlo Maderno died. Corinthian columns of two different sizes frame the two levels of this architect’s masterpiece, the undulating facade at the elliptical Church of San Carlo alle Quattro Fontane. For 10 points, name this Italian Baroque architect, the volatile arch-rival of Gianlorenzo Bernini.

ANSWER: Francesco **Borromini** [or Francesco **Castelli**]

4. One theorist of this idiom, Henry Van der Velde, opposed the ideas of the author of the study *The English House*, Hermann Muthesius, in the early days of the Deutscher Werkbund. Phillippe Wolfers’s sculpture *Civilization and Barbarism* stood in the octagonal, skylit winter garden of the Van Eetveld House, which was designed in this idiom by an architect who influenced Hector Guimard, designer of an entrance to the Paris Metro. Some scholars attribute Belgium’s prominence in this architectural idiom to the influence of the Congolese jungle landscape and its vines. Prominent buildings in this idiom include the Tassel House designed by Victor Horta. For 10 points, name this fin-de-siecle idiom that employed lots of curvilinear forms and vibrant colors to break with academicism and create a “new art.”

ANSWER: **Art Nouveau** [or **Arts and Crafts**]

5. It has been alleged that much of this architect’s output was actually the product of Natalie de Blois, his partner at Skidmore, Owings, and Merrill, and this man gained further notoriety by nominating himself for the Pritzker in 1998 and winning. Right across the street from the future site of the Seagram Building, this man and de Blois collaborated with future architect Charles Luckman to design a green-glass skyscraper for the soap company Luckman was president of, Lever Brothers. Hewitt Quadrangle is home to a library this man designed whose walls are constructed of translucent marble sheets, and for the Smithsonian Institution, he designed a modern art museum consisting of enormous concrete cylinder raised on four piers overlooking a sculpture garden on the National Mall. For 10 points, name this designer of the Beinecke Library at Yale and the Hirshhorn Museum in Washington, DC.

ANSWER: Gordon **Bunshaft**

6. In 2013, Greenpeace protesters climbed this building to unfurl a “Save the Arctic” flag, and a similarly environmental but much more legal ascent of this building was made by David Attenborough to shoot a plea for conservation that serves as the final scene of *Planet Earth II*. Crowds were mostly underwhelmed by the laser light show that inaugurated this building in the summer of 2012. The probably apocryphal source of its name is a comment by Simon Thurley, the former head of English Heritage about how it would “tear through the heart of historic London,” and the four glass facades of this building taper into points but do not actually meet at its top. This

Renzo Piano-designed skyscraper is the tallest non-Russian building in Europe. For 10 points, name this tallest building in the UK, a spiky glass skyscraper in Southwark.

ANSWER: the **Shard** [or **London Bridge Tower**]

7. Between this structure's six pairs of Doric columns are relief carvings in both tondo and rectilinear forms depicting the labors of Heracles. After winning at Jena, Napoleon had this structure's most famous ornament disassembled and sent back to Paris. When that ornament designed by Johann Gottfried Schadow was eventually returned to this structure, a sculpture of the goddess of Peace was transformed into a goddess of Victory by the addition of an Iron Cross to the middle of its wreath. This structure designed by Karl Gotthard Langhans is the main entrance to the Unter den Linden boulevard and is topped by a quadriga, or sculpture of a chariot drawn by four horses. For 10 points, name this monumental neoclassical gate in Berlin.

ANSWER: **Brandenburg Gate**

8. The walls of a bathhouse constructed by this dynasty are covered in frescoes depicting hunting scenes, the zodiac, and six supplicating enemy kings. The Islamic art wing of the Pergamon Museum in Berlin now houses the carved floral frieze of another of this dynasty's buildings. Qusr Amra and Mshatta are members of a series of "desert castles" that members of this dynasty built around Amman, whose central hill, the Jabal al-Qala, is topped by one of their palaces. The alternating red-and-white voussoir pattern of the double-horseshoe arches at this dynasty's most iconic mosque is reminiscent of the Dome of the Rock, which was completed under their rule. For 10 points, name this caliphate whose rulers constructed a vast hypostyle hall for their mosque in Cordoba, their Andalusian capital.

ANSWER: **Umayyad** Caliphate [or Al-Khilafa al-**Umawiyya**; or Banu **Umayya**]

9. This writer proclaims Sufflot's Sainte-Genevieve "certainly the finest teacake ever made of stone" and cites the Baths of Julian as the only Roman intrusion into the supposedly otherwise purely medieval city he describes from the vantage point of a fifteenth-century raven. This author of the chapter "Bird's Eye View of Paris," worried that, with the rise of the printing press, literature had dethroned architecture as the chief means of perpetuating human thought. Referring to the book on his desk and the cathedral out his window, the lament that "ceci tuera cela," or "this will kill that," is made by archdeacon Claude Frollo in a novel by this author. For 10 points, name this theorist of Gothic architecture whose ideas are contained in *Notre-Dame de Paris*, better known in English as *The Hunchback of Notre-Dame*.

ANSWER: Victor **Hugo**

10. In a first for this country, 191 homes along the Pelton Canal will revert to state ownership in 2020. A successor to this country's Improvement Trust allows early withdrawal from the Central Provident Fund to pay mortgages. This country stopped building to anticipate future demand when it transitioned from the Registration for Flats System to the Build to Order system. After its first Five-year Building Programme constructed the satellite town of Queenstown, Albert Winsemius developed its housing policies. This country's strict housing rules include the Ethnic Integration Policy, priority for married people, and restricted purchases by migrant workers. About 80% of its residents hold 99-year-leases from its Housing and Development Board, which built self-contained "new towns" like Jurong. Near-universal public housing is a plank of this country's People's Action Party, begun under former prime minister Lee Kuan Yew. For 10 points, name this island city-state.

ANSWER: Republic of **Singapore** [or Republik **Singapura**; or **Xīnjiāpō** Gònghéguó; or **Hsin-chia-p'o** Kung-ho-kuo; or **Ciñkappūr** Kutiyaracu; or **Singapore** Kudiyarasu]

11. An especially durable version of this material is referred to as *klinker*. The sixteenth-century Statius von Düren was renowned for embellishing buildings made of this material. Even though this material was, exceptionally, not used at Antwerp City Hall, that building inspired many structures like the Green Gate of Gdansk that did use it. The Holstentor, the main gate into Lübeck, is made from this material, as are St. Mary's Church and the city hall in Stralsund. This material became the architectural signature of Hanseatic cities because high-quality quarries are scarce in the North European Plain, leading architects who wanted to build bigger than what fieldstones allow to turn to this material. For 10 points, name this standardized building material made from fired clay.

ANSWER: **bricks**

12. This place's role is also played by the *harmika* and *yasti* elements that crown a type of building. The seven terraces of Hsinbyume represent the seven mountain ranges that surround this place. Huge carved stone faces cover a temple called Bayon, whose urban centrality mimicked this place's axial role. Groups of thirty-three tiers or towers represent this place's denizens, and Khmer temple builders constructed *prang* spires as symbols of this geographic

feature. The moat around Angkor Wat symbolizes the cosmic oceans around this feature, and the quincunx of towers there represent its five peaks. For 10 points, name this sacred mountain of Jain, Buddhist, and Hindu cosmology.  
ANSWER: Mt. **Meru**

13. This level is the first to feature signs advertising SOAP brand shoes. Flight Sigma-Alpha-2 begins this level, which ends on the only streetcar turntable the player encounters that doesn't have a destructible streetcar on it. Playing the Mystic Melody at the foot of a skyscraper in it grants the player access to a series of pulleys that lead to the Lost Chao, and this level introduced the railgrinding mechanic to its series. The climactic sequence of this level begins with the player rolling into a ball to pass under a grate marked "Pass Under" and immediately having to barrel downhill through the streets of what looks like San Francisco in order to evade a semi truck labeled "GUN." For 10 points, name this opening level of the Hero campaign in *Sonic Adventure 2*, in which the player has to flee an urban area.  
ANSWER: "**City Escape**" [generously accept "**Escape from the City**," even though everyone knows that's the name of the song and not the level]

14. A sixth-century graffito in this building records a certain Presbyter Abraham's claim that he converted it into a church at the command of the Nubian King Eisanome. In a depiction of goddesses as flying vultures on this building's ceiling, the goddess of Upper Egypt has been mistakenly given a cobra's head. The upper-leftmost scene carved into this building's facade depicts a figure puzzlingly labelled "autotrator" offering the *uraeus* to a seated Horus. Local deities honored at this temple include Pediese and Pihor, the sons of a Nubian chieftain. Since this temple wasn't constructed until 15 BC and is pretty much as Roman as it is Egyptian, it depicts Augustus as a pharaoh. This temple now sits between a sloping wall and a reflecting pool that stand in for its original site, and it was donated to the United States in 1965. For 10 points, name this Egyptian temple preserved in its entirety in the Sackler Wing of the Metropolitan Museum of Art.  
ANSWER: Temple of **Dendur**

15. This region is home to a track and field stadium in a forest clearing whose infield is also covered in trees. An architect from this region designed the "trigger panels" of the Scottish Parliament Building with his wife Benedetta Tagliabue. An architectural firm headquartered in this region designed the river-spanning Lira public theater and the folded steel roof of the Bell-lloc winery. The dark horse winners of the 2017 Pritzker, RCR Architects, hail from this region, as did Enric Miralles. Many buildings emblematic of this region's Modernisme movement can be found on the Passeig de Gracia, and its most famous architectural patron is Eusebi Güell. For 10 points, name this autonomous community of Spain where Antoni Gaudi had his career.  
ANSWER: **Catalonia** [or **Catalunya**]

16. One of the foremost exponents of the Baroque in this country was Domenico Trezzini, who designed the gold-spired Peter and Paul Cathedral and the Twelve Collegia here. Antonio Rinaldi and Auguste de Montferrand designed successive versions of the much-rebuilt St. Isaac's Cathedral in this country. Conservators in this country are considering reverting a building back to architect Francesco Rastrelli's original pink exterior design from its current famous shade of turquoise. This country's most important collection of Baroque buildings is located along the Palace Embankment, which runs past the Winter Palace, parallel to the Neva. For 10 points, name this country where centuries of quasi-Byzantine tradition were overturned when Western idioms were imported by Peter the Great.  
ANSWER: **Russia**

17. In DC, this corporation will soon begin leasing Mount Vernon Square's historic Carnegie Library. In 2016, the New York Landmarks Conservancy awarded this corporation's preservation and repurposing of historic structures, including the US Mortgage and Trust building and some balconies overlooking the main concourse at Grand Central Station. This corporation's longstanding relationship with Norman Foster has recently produced a new building whose center is planted with over nine thousand trees. This company's subterranean flagship store on Fifth Avenue is accessed through a giant glass cube at ground level. For 10 points, name this computer company that recently opened a new ring-shaped campus near their Cupertino headquarters.  
ANSWER: **Apple**

18. Artworks evacuated from the National Gallery of Art during World War II were sent to this building for safekeeping. The chance to work on this building brought Rafael Guastavino to the American South, where he eventually built his masterpiece, the Basilica of St. Lawrence, in a nearby city. America's first forestry school was founded on the grounds of this home, ninety thousand acres of which were sold to the federal government in 1914 to

create Pisgah National Forest, and Gifford Pinchot was this house's first grounds manager. The design of this house's staircase tower, along with the rest of the building, was cribbed from various European chateaux by its architect, Richard Morris Hunt. For 10 points, name this largest privately owned residence in America, built outside Asheville, North Carolina, by George Washington Vanderbilt.

ANSWER: The **Biltmore** Estate

19. Kenneth Frampton's essay "Toward a Critical Regionalism" ends with an examination of the homogenisation-resistant "tactile sensitivity" of a civic building in this country whose western staircase is composed of terraces of sod. Moveable walls separate or connect the three halls that make up this country's Church of the Three Crosses. The steeply sloping front wall of an interior auditorium provides the seating for an exterior amphitheatre at a university in this country that now bears the name of its most famous architectural alumnus. This country's birch forests are symbolized by the many slender wooden columns inside a house here that also includes structural steel columns wrapped in wooden ribbons. For 10 points, name this country whose Villa Mairea and Säynätsalo Town Hall were designed by native son Aalvar Alto.

ANSWER: **Finland** [or **Suomi**]

20. The world's oldest surviving wooden truss roof can be found in one of these buildings, as can the *Ashtiname*, a charter of protection for its residents supposedly granted by Muhammed himself. In addition to funds, the patron of one of these places could also provide a *typikon* that governed its functioning. A small one of these buildings is sometimes referred to as a *lavra*, and a group of them can be found perched atop some rocky outcroppings overlooking Thessaly at Meteora. Historically, the most important of these buildings was located at Stoudios. If they weren't getting sent to Lesbos, exiled emperors like Romanos IV Diogenes often got sent to live at one of these buildings dedicated to the Transfiguration. For 10 points, name these places where Byzantine monks lived.

ANSWER: Byzantine **monasteries**