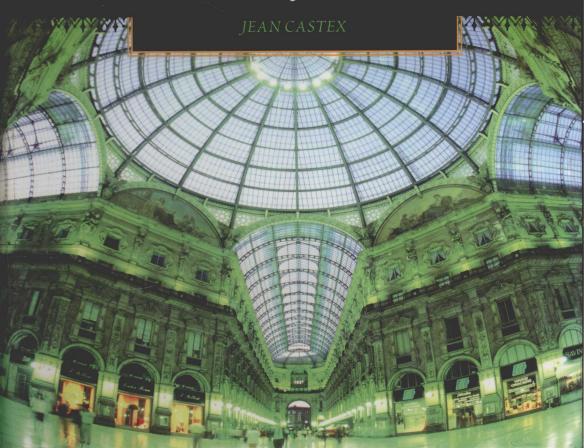


Architecture of ITALY



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JEAN CASTEX

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Architecture of Italy

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Entries by Location

 $\mathbf{E}^{ ext{ntries}}$ are listed below by region and then by city or town within each region.

NORTHERN ITALY

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Genoa

Renovation of the Old Harbor, Genoa Viaduct of the Polcevera, Genoa

Lombardy

Mantua

Palazzo del Te, Mantua Sant' Andrea, Mantua

Milan

Casa Rustici, 36 Corso Sempione, Milan Galleria Vittorio Emmanuele (Victor Emmanuel Gallery), Milan Milan Cathedral, Milan Monte Amiata Housing, Gallaratese, Milan Velasca Tower, Milan Vigevano

Piazza Ducale, Vigevano

Piedmont

Chieri

Confraternity of San Bernardino, Chieri

Lake Maggiore

Isola Bella Gardens, Lake Maggiore

Novara

San Gaudenzio Dome, Novara

Stupinigi

Royal Hunting Lodge, Stupinigi

Turin

Fiat Lingotto Plant, Turin Palace of Labor, Turin Piazza Vittorio Veneto (Piazza Po), Turin Santissima Sindone (Holy Shroud Chapel), Turin

Veneto

Padua

Caffè Pedrocchi (Café Pedrocchi), Padua

Ravenna

San Vitale, Ravenna Sant' Apollinare in Classe, Ravenna

Venice

Ca d'Oro, Venice Saffa Area Public Housing, Canareggio, Venice Saint Mark's Square, Venice San Marco (Saint Mark's Basilica), Venice Santa Maria della Salute, Venice

Verona

Castelyecchio Museum of Art. Verona San Zeno Maggiore, Verona

Vicenz.a

Villa Rotonda, Vicenza

CENTRAL ITALY

Latium

Bagnaia

Villa Lante Gardens, Bagnaia

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Palazzo Farnese, Caprarola

Ostia

Horrea Epagathiana and Epaphroditiana, Ostia

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Marche, Umbria

Assisi

San Francesco (Saint Francis Basilica), Assisi

Orvieto

Orvieto Cathedral (Church of the Assumption of Virgin Mary), Orvieto

Perugia

Augustus Gate, Perugia Palazzo dei Priori, Piazza Grande (Platea Comunis), Perugia

Todi

Santa Maria della Consolazione, Todi

Urbino

Collegio del Colle and Extensions, Urbino Ducal Palace, Urbino

Rome

Rome

Baths of Caracalla, Rome Campidoglio (Capitoline Hill), Rome Colonnade of Saint Peter's Basilica. Rome Colosseum, Rome Cornaro Chapel, Santa Maria della Vittoria, Rome Forum Romanum, Roman Forum, Rome Mausoleum of Constantina (Church of Santa Costanza), Rome Pantheon, Rome Saint Peter's Dome, Rome San Carlo alle Quattro Fontane, Rome

Sant' Andrea al Quirinale, Rome Santa Maria della Pace Cloister, Rome Spanish Steps, Rome Trevi Fountain, Rome Tuscolano II Public Housing, Rome

Tuscany

Campi Bisenzio

Church of the Autostrada, San Giovanni Battista, Campi Bisenzio

Collodi

Garzoni Gardens, Collodi

Florence

Florence Cathedral Dome, Florence Laurentian Library, Florence Palazzo Vecchio, Florence Pazzi Chapel, Franciscan Convent of Santa Croce, Florence

Pienza

Piazza Pio II, Pienza

Pisa

Cathedral, Campanile, Baptistery, and Campo Santo, Pisa

San Gimignano

Casa Torre, San Gimignano

Siena

Piazza del Campo, Palazzo Pubblico, Siena

SOUTHERN ITALY AND SICILY

Campania

Capri

Villa Malaparte, Capri

Naples

Palazzo Sanfelice, Naples Theater of San Carlo, Naples

Paestum

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Pompeii

House of the Faun, Pompeii

Puglia

Alberobello

Trulli, Alberobello

Puglia

Castel del Monte, Puglia

Sicily

Palermo

Monreale Cathedral and Cloister, Palermo

Palatine Chapel, Norman Palace, Palermo

Selinunte

Ruins of the Greek City of Selinus, Selinunte

Taormina

Theater, Taormina

Entries by Architectural Style and Period

Printries are listed alphabetically within styles and periods.

ANTIQUITY

Greek Colonies in Italy

Ruins of the Greek City of Selinus, Selinunte Temple of Poseidon, Paestum Theater, Taormina

Etruscan and Italic Architecture

Augustus Gate, Perugia

Roman Architecture

Baths of Caracalla, Rome
Colosseum, Rome
Forum Romanum, Roman Forum,
Rome
Hadrian's Villa (Villa Adriana),
Tivoli
Horrea Epagathiana and
Epaphroditiana, Ostia
House of the Faun, Pompeii
Pantheon, Rome

Early Christian

Mausoleum of Constantina (Church of Santa Costanza), Rome Sant' Apollinare in Classe, Ravenna

MIDDLE AGES

Byzantine

San Marco (Saint Mark's Basilica), Venice San Vitale, Ravenna

Romanesque

Cathedral, Campanile, Baptistery, and Campo Santo, Pisa Monreale Cathedral and Cloister, Palermo Palatine Chapel, Norman Palace, Palermo San Zeno Maggiore, Verona

Gothic

Ca d'Oro, Venice

Casa Torre, San Gimignano Castel del Monte, Puglia Florence Cathedral Dome, Florence Milan Cathedral, Milan Orvieto Cathedral (Church of the Assumption of Virgin Mary), Orvieto Palazzo dei Priori, Piazza Grande (Platea Comunis), Perugia Palazzo Vecchio, Florence Piazza del Campo, Palazzo Pubblico, Siena Saint Mark's Square, Venice San Francesco (Saint Francis Basilica), Assisi

RENAISSANCE AND BAROQUE

Renaissance

Ducal Palace, Urbino Florence Cathedral Dome, Florence Pazzi Chapel, Franciscan Convent of Santa Croce, Florence Piazza Ducale, Vigevano Piazza Pio II, Pienza Saint Peter's Dome, Rome Sant' Andrea, Mantua Santa Maria della Consolazione, Todi Santa Maria della Pace Cloister, Rome

Mannerism

Campidoglio (Capitoline Hill), Rome Laurentian Library, Florence Palazzo del Te, Mantua Palazzo Farnese, Caprarola Palazzo Vecchio, Florence Saint Peter's Dome, Rome Villa Lante Gardens, Bagnaia Villa Rotonda, Vicenza

Baroque

Colonnade of Saint Peter's Basilica, Confraternity of San Bernardino, Chieri Cornaro Chapel, Santa Maria della Vittoria, Rome Garzoni Gardens, Collodi Isola Bella Gardens, Lake Maggiore Palazzo Sanfelice, Naples Royal Hunting Lodge, Stupinigi San Carlo alle Quattro Fontane, Sant' Andrea al Quirinale, Rome Santa Maria della Salute, Venice Santissima Sindone (Holy Shroud Chapel), Turin Spanish Steps, Rome Trevi Fountain, Rome

NINETEENTH AND TWENTIETH CENTURIES

Neoclassical and Eclectic

Caffè Pedrocchi (Café Pedrocchi), Padua Galleria Vittorio Emmanuele (Victor Emmanuel Gallery), Milan Piazza Vittorio Veneto (Piazza Po), San Gaudenzio Dome, Novara Theater of San Carlo, Naples Trulli, Alberobello

Contemporary

Casa Rustici, 36 Corso Sempione, Milan Castelvecchio Museum of Art, Verona Church of the Autostrada, San Giovanni Battista, Campi Bisenzio Collegio del Colle and Extensions, Urbino

Fiat Lingotto Plant, Turin Monte Amiata Housing, Gallaratese, Palace of Labor, Turin Renovation of the Old Harbor, Genoa

Saffa Area Public Housing, Canareggio, Venice Tuscolano II Public Housing, Rome Velasca Tower, Milan Viaduct of the Polcevera, Genoa Villa Malaparte, Capri

Preface

When David A. Hanser, series editor for the Greenwood Guides to National Architecture, asked me to write a book covering seventy-five of the most important architectural monuments in Italy as part of the series, I felt both pleasure and uneasiness. Much can be said about Italian architecture. It is a world in itself, and there are so many superb buildings. How could I reduce such a mass of information to simple and straightforward descriptions and to such a limited number of examples? Should I just comment on the best-known landmarks and ignore more ordinary but no less fascinating buildings, structures that often play a great role in the pleasure given by Italian architecture? An important decision, then, was the selection of buildings. I had to avoid being too passionate about certain periods, although, I confess I found the greatest delight in the Renaissance and Baroque periods. I tried to be fair with regions and chronological periods in Italy, but I also had to refuse a too broad distribution because buildings, in history, group themselves into a series of connected works of art, an understanding of which should be full of rewards. Limitations of space meant that two well-known buildings of the same kind and of the same period could not both be presented. I had to make a choice. The latest information, the latest criticism helped me in the selection. Of course, I had to rely not only on American and English books and essays but also on the most recent opinions presented by Italian researchers. The need to rely on recent debates to give a clear explanation of a building had often been the reason for choosing it.

When all the research was done and most of the writing completed, I felt I needed some corrections from a native English-speaking writer. A certain French logic and French ways of explaining would not totally fit an American or English reader. David Hanser proposed Janina Darling, author of another book in this series, *Architecture in Greece*. I feel grateful for the help she provided, and for the overall improvements she suggested.

Because architecture has a specialized vocabulary that is used to describe structures, details, and materials, a **Glossary** is included at the end of this book. It contains definitions for important terms that may, or may not, be fully explained in the entries. Words included in the Glossary are placed in *italics* the first time they appear in an entry. Frequently, the entry for a building includes comparison or reference to another structure included in this book. Where such a reference is made, the name of the building is indicated with **boldface** type when it appears for the first time.

Because Italy is in itself a world in architecture, I felt I had, in any case, to select with great care periods more difficult for the American reader to understand. If I had a chance to open eyes and minds, my own reward would be greater. Because I had to explain the characteristics of Baroque architecture, which a country like France (at least partially) ignores, I was pushed to greater efforts. Also such things as the notion of proportions typical of the Renaissance, which saw an image of the cosmos in a building's mathematics and geometry, needed to be clarified. Contemporary structural techniques also needed to be described, and their goals explained. When I sum up what I did during my own editing, I notice that eight items had played an invisible part in my comments. They should be a key for American readers to grasp my selection criteria and to discover a certain order of ideas, which, while mine, can be freely rearranged to make the book their own.

Architectural Landmarks

These architectural landmarks could be classified by the following periods and types:

- 1. Antiquity, Greek, Etruscan, Roman: The entries under this heading include a Greek Doric temple, the Temple of Poseidon, Paestum, 480–470 BCE; a large domed structure, typical of Roman building methods, the Pantheon, Rome, 118–125; a theater, originally Greek, later Roman, the Theater of Taormina, third century BCE; an arena, the Colosseum, Rome, 70–80; an entertainment complex, the Baths of Caracalla, Rome, 212–235; a basilica (a multipurpose hall), the Roman Forum, first century BCE; the late evolution of the basilica into an Early Christian church, Sant' Apollinare in Classe, Ravenna, consecrated in 549; and two domed structures of the late Roman period, the Mausoleum of Constantina, Rome, 337–350 and San Vitale, Ravenna, 526–548.
- 2. MIDDLE-AGES: A Byzantine basilica, Saint Mark's, Venice, 1064–1094; a well-known "precinct," or complex of buildings, with the famous Leaning Tower, Cathedral, Baptistry, and Campo Santo at Pisa, 1064–1277; Cathedral churches, Orvieto Cathedral, 1290–1330 and Milan Cathedral, 1386 (its main altar consecrated in 1418).

- 3. Renaissance: Famous domes, Dome of Santa Maria del Fiore, Florence, 1420-1436; Saint Peter's Dome, Rome, 1505-1590; princely palaces (palazzi), Ducal Palace, Urbino, 1444-1482, as well as the Palazzo del Te, Mantua, 1524-1534, and the Palazzo Farnese, Caprarola, 1530–1575; and villas, the Villa Rotonda, Vicenza, 1567– 1569, with decoration from around 1580.
- 4. NINETEENTH CENTURY: A large iron and glass gallery, Galleria Vittorio Emmanuele, Milan, 1863-1877.
- 5. TWENTIETH CENTURY: An automobile plant, Fiat Lingotto Plant, Turin, 1915–1923; a skyscraper, Velasca Tower, Milan, 1956–1958; an exhibition hall, Palace of Labor, Turin, 1960-1961; and a museum of art, Castelvecchio Museum of Art, Verona, 1957-1964.

Components of the Antique City

Among the entries in this volume are a fortified city of the Etruscan period, Augustus Gate, Perugia, 2nd century BCE; and a good example of a Greek town, the Ruins of the Greek City of Selinus (Selinunte), the "queen of colonies in Sicily," 651-250 BCE, which can also provide some elements for the history of the house. Urban planning and the meaning of Roman government can be derived from the entry on the Forum of Republican Rome from the first century BCE. For the Roman period, the entries can illustrate the differences between a large aristocratic residence in Pompeii (House of the Faun, 180 BCE-79 CE), and the densification of the city during the second century ce through social stratification and mixed building uses (Horrea Epagathiana and Epaphroditiana, Ostia).

Cultural and Political Changes

Buildings cannot be understood if the cultural, social, and political changes they cause or reflect are ignored. Thus, certain buildings were selected because they offer a clear picture of the society around them. The prosperity and the growth of the city had a powerful influence in the Etruscan period (Augustus Gate, Perugia), in the period of the Greek colony and rival of Carthage (Ruins of the Greek City of Selinus), and in Republican Rome (the Roman Forum). Strong internal and social oppositions threatened the peace of San Gimignano (Casa Torre), of Orvieto (Orvieto Cathedral, 1290–1330), and Perugia (Palazzo dei Priori, Piazza Grande, Perugia, 1300-1443). The power of Renaissance princes played a decisive role in Urbino (Ducal Palace, 1444–1482). The crisis of the Protestant Reformation obliged the Roman Catholic Church to reconsider its interior politics and its cultural goals (Saint Peter's Dome, Rome, 1505–1590; Campidoglio, 1538–1655). The Catholic Reformation was the period of self-reform for the Roman Catholic Church,

whose propaganda was expressed in the most advanced creations of the Baroque age (Cornaro Chapel, Rome, 1647-1652; Sant' Andrea al Quirinale, Rome, 1659-1670).

The unification of Italy (the Risorgimento movement) of the nineteenth century created a new kind of public space treated on a monumental scale, for example, a "caffè" (Caffè Pedrocchi, Padua, 1826–1842), or, in surprisingly huge monuments to celebrate the economic and financial success of a city like Novara (San Gaudenzio, 1841–1878). In scale, this "brick Eiffel Tower" had been anticipated by a gallery in Milan, ten years before it was finished. It opened to the vast middle-class crowds and contained a dome as big as the Renaissance dome of Saint Peter (Galleria Vittorio Emmanuele, 1863-1877). Contemporary architectural movements expressed the political conflicts and social rivalries of the twentieth century.

Decision Making by the Architect

Is it possible to penetrate the hidden side of architectural conception? Great attention should be paid to how the profession names the designers. In antiquity, "architects" may have been known by name, but this designation disappeared and the designer gradually took on the title of "master-mason" or cleric of the work, in charge of the main building decisions. This medieval system of building was based on the collaboration of different crafts. The birth of a new profession—architect—could be traced in the construction of the dome in Florence (Dome of Santa Maria del Fiore, 1420–1436). Most succeeding architects have so protected their talent that the historian must rely on isolated papers, on debates, on modern interviews in architectural magazines, and on elaborate research to know their decision-making process.

In any case, architects must achieve precise goals in a building, and these may orient the research. The proportions of the **Temple of Poseidon**, Paestum, 480–470 BCE, or of the Doric Temples of Selinunte (Ruins of the Greek City of Selinus) were a great challenge for the architects. Combining a classical Greek temple with a more Roman-appearing rotunda was the aim of Hadrian's architect for the **Pantheon** in Rome, 118–125. In designing the **Basilica** of Saint Francis, Assisi, a strong debate occurred between those who wanted to express the spirit of humility of the Franciscan order and those who wanted to communicate the sense of modernity brought by French Gothic builders. Designers of Orvieto Cathedral, 1290–1330, could not follow the bishop's choice of the Gothic style, which he could only realize by moving to Florence. Milan Cathedral, 1386 through the fifteenth century, proved a failure of the traditional methods of the Gothic masters. Because Renaissance architecture is sometimes difficult for the nonscholar to understand, time must be devoted to such three-dimensional architectural manifestos as the Pazzi Chapel of Florence, 1429–1459, a work of Filippo Brunelleschi, and, for the Renaissance

system of proportions, the Cloisters of Santa Maria della Pace in Rome, 1500-1504, a work by Donato Bramante. Baroque design strategies are discussed in two of Bernini's creations, the Cornaro Chapel, 1647–1652, and Sant' Andrea al Quirinale, 1659–1670, both in Rome. Contemporary architects belong to various movements or ideologies. Giovanni Michelucci (Church of the Autostrada, 1961–1971) was an expressionist architect. M. Aymonino and Aldo Rossi's interest in the history of the city could not prevent them from expressing their belief in the "modern" project, as it was opposed to the "traditional" city; their Monte Amiata Housing in Milan, 1967–1972, was a countermodel for the city of the future. Giancarlo de Carlo maintained an open-minded discussion with the future inhabitants in preparing his project for the Collegio del Colle in Urbino, 1962-1983. Carlo Scarpa's Castelvecchio Museum of Art in Verona, 1957–1964, explains clearly how he conceived of his creative method. As engineers also create new forms. Giuseppe Mengoni's conception of an iron and glass gallery (Galleria Vittorio Emmanuele, Milan, 1863-1877), Nervi's use of steel and concrete in the "modern Parthenon," the Palace of Labor in Turin, 1960-1961, or the sense of fluidity developed by Riccardo Morandi (Viaduct of the Polcevera, Genoa, 1961-1964) needed a detailed study.

Domestic Architecture

The history of the house is begins with a Greek house of the fourth or third centuries BCE (Ruins of the Greek City of Selinus) and an aristocratic home in Pompeii (House of the Faun). A warehouse in the ancient port of Ostia is an example of Roman utilitarian design (Horrea Epagathiana and Epaphroditiana). For the Middle Ages, a house in a tower (Casa Torre, San Gimignano, twelfth century) is contrasted with a more welcoming merchant's house in Venice (Ca d'Oro, 1424-1437). The Renaissance arrangement of a large urban palazzo (palace) around a central courtyard can be grasped in the entry of the Ducal Palace of Urbino, 1444-1482, and that of large villas (Villa Rotonda of Vicenza, 1567–1580). A Neapolitan example of a large palace, arranged around an immense staircase, shows the eighteenth-century evolution of the residence (Palazzo Sanfelice, 1725–1728).

During the twentieth century, domestic architecture for the middle and lower classes became a characteristic activity for architects. The creation of a new type of urban residence (Casa Rustici, Milan, 1933–1936) illustrates the broad research for unprecedented solutions, with the Villa Malaparte on Capri, 1938–1942, representing a modern design full of reminiscences of the primitive past of Greek Mediterranean architecture. Three generations of housing estates were selected: Tuscolano II Public Housing in Rome, 1950– 1954, was typical of post–World War II attitudes; Monte Amiata Housing in Milan, 1967–1972, indicates the tough debates of the late 1960s about the city

and its history; and the **Saffa Area Public Housing** in Venice, 1984–1987, shows the intelligent integration of a new housing development into an old urban fabric that respected Venetian traditions.

Landscape and Gardens

Landscape and architecture sometimes combine into a single unit. A sense of landscape was a fundamental element in creating a Greek city; the Acropolis of Selinus was positioned on a peninsula that offered a vast view of the sea (Ruins of the Greek City of Selinus) and the Theater at Taormina opened onto a symbolic landscape. Even in Rome, the Baths of Caracalla, 212–235, entertained the people within splendidly designed gardens. In commissioning the town square in Pienza, 1459–1462, Pope Pius II, who was fascinated by nature, ended the medieval tradition of a walled-in city by opening the square to wide vistas of distant mountains. A similar Renaissance love for gardens justifies the Villa Lante Gardens in Bagnaia, 1560–1600.

The Palazzo Farnese in Caprarola, 1530–1575, with its gardens and its "palazzina," imposes its order on a disrupted area and creates its own landscape. Andrea Palladio, in his Villa Rotonda, 1567–1580, imposed his powerful design on the hills around Vicenza. The Baroque period was rich in garden designs. For example, the Garzoni Gardens in Collodi, 1650-1690, were erected on a steep slope, and the Isola Bella Gardens, 1631–1671, were created as an artificial mountain on an island in the Lake Maggiore. The Royal **Hunting Lodge** at Stupinigi, 1729–1733, in the vicinity of Turin offered an unusual dialogue between architecture and a rearranged landscape of regional dimensions. Twentieth-century works tend to increase the importance of the landscape: the **Villa Malaparte** on Capri, 1938–1942, plays with the sunny stretches of the Mediterranean Sea. In Genoa, the Viaduct of the Polcevera, 1961-1964, is a freeway, conceived as a link along the Ligurian coast of the Mediterranean. In Urbino, the Collegio del Colle, 1962-1983, kept at a distance from the old city, provides a unique view of its silhouette against the mountains and hills of the Apennines.

Construction Techniques

Technical methods and innovations in construction and materials can play a great role in shaping a building. The skeleton of a Greek temple, made of columns and lintels (horizontal spanning elements), was based on the weight carried by the columns and the strength of the stone (**Temple of Poseidon**, Paestum). Romans developed audacious new techniques of wall building and vaulting, using brick, arches, and a type of concrete (**Pantheon**, Rome, 121–138). Construction techniques evolved from the Early Christian period to the Middle Ages from reinforcement of walls by transverse arches connected to