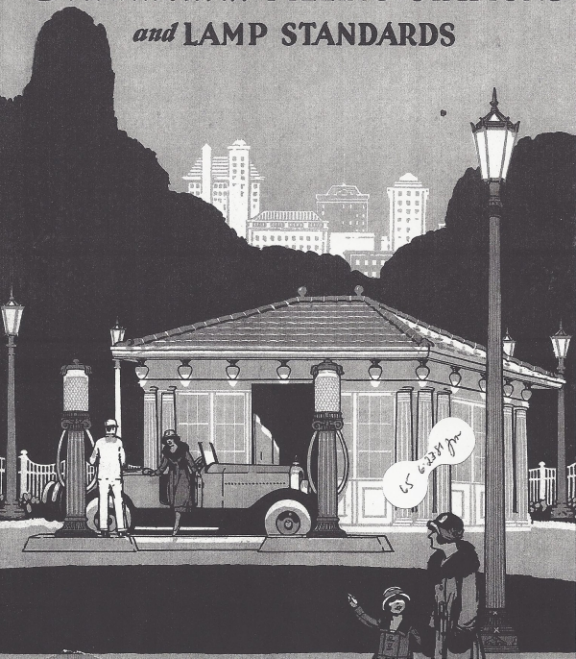


UNION METAL

Ornamental FILLING STATIONS *and* LAMP STANDARDS





Section I.

UNION METAL

ORNAMENTAL FILLING STATIONS

Section II.

UNION METAL LAMP STANDARDS

FOR FILLING STATION LIGHTING

A NEW ERA IN FILLING STATION ARCHITECTURE IS DAWNING

For several years a number of progressive oil companies and architects who have used Union Metal Architectural Columns, for entrances to fine homes and public buildings have asked us to apply these columns to filling station construction—to produce a line of artistic stations at reasonable cost that might be used in place of the plain, inartistic types, with which we are all familiar.

The demand for more artistic filling stations has called for better lighting and more ornamental types of lamp standards and sign standards. It is only natural that the larger oil companies would call upon Union Metal to supply their needs, because Union Metal is the largest manufacturer of lighting standards in the world and has hundreds of handsome designs for all types of stations.

The Union Metal Manufacturing Co.

General Offices and Factory

CANTON, OHIO

Chicago Office, 230 South Clark Street

Sales agencies in all Principal American Cities

Beautiful Stations are Busy Stations

Keen competition developing in the filling station field makes it necessary for the enterprising and progressive station operators to utilize everything at their command to make their stations the most attractive in the locality. Better Station Architecture, Better Lighting, Better Signs, All Mean Better Business—for the well dressed station, like the well dressed man, commands attention and respect.

Ancient Beauty for Modern Buildings

For thousands of years the world's famous architects and designers have found nothing so beautiful and worthy in building as the simple, classical column. Beautiful columns on a building are the first feature to catch the eye, and the one longest remembered.

The beauty of these fluted columns of ancient Greece and Rome has been made available for use on every kind of structure from the modest cottage to the largest public building by the Union Metal principle of pressed steel column construction.

Union Metal Filling Stations Utilizing Classical Columns

As already outlined, there has been a persistent demand upon our Company by prominent oil companies and architects to apply our architectural pressed steel columns to filling station construction—to produce a line of artistic filling stations without materially increasing the cost.

The designs in this catalog together with many other types available at our office in Canton are the answer to this demand.



The glory of Greek and Roman architecture and the crowning beauty of homes and public buildings in our own Colonial days were made possible by the tasteful and generous use of classical columns.

Filling Station in which Union Metal Columns form the principal decorative features.

Union Metal Columns are used for the entrances to finest homes and public buildings.



Something Different in Filling Station Construction

By utilizing Union Metal Architectural Columns we are able to furnish ornamental stations to harmonize with beautiful surroundings at prices much below those to which oil companies have been accustomed.

Of course, if companies are satisfied with the ordinary, unsightly shed type of station, we can't be of particular service; but if they are looking for something attractive, something ornamental, something above the average architecturally, the Union Metal station is the logical one to erect.

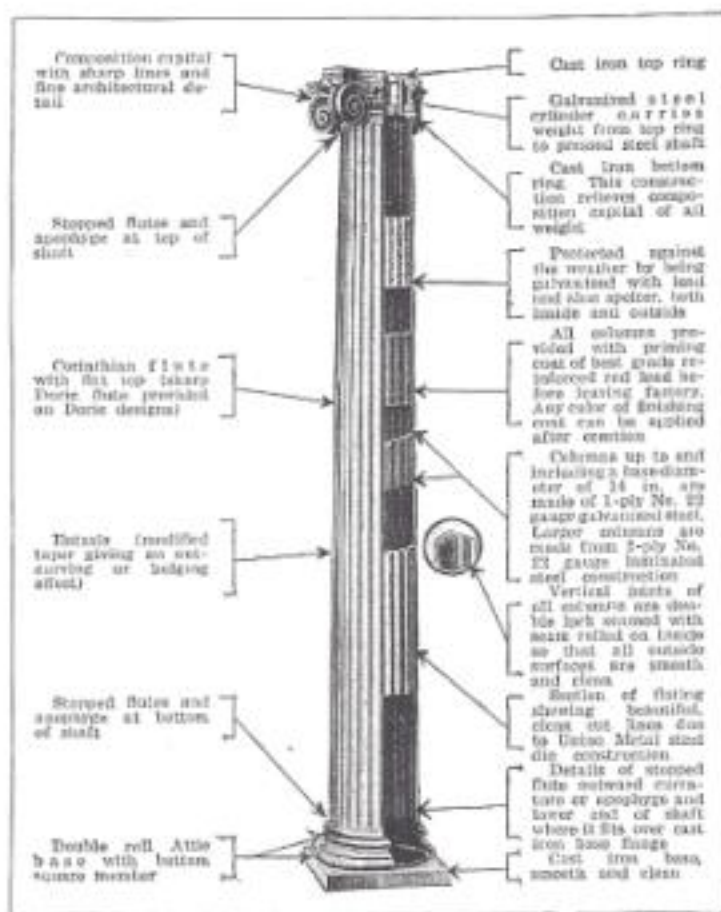
Well Constructed, Easily Handled and Erected

ALL UNION METAL STATIONS ARE MADE OF ENDURING COPPER BEARING GALVANIZED STEEL, steel sash and hollow metal panels providing dead air chamber which insulates the buildings against heat and cold. They can be also easily and quickly disassembled and moved to other locations. Sectional construction insures quick, easy and economical erection. [Further construction and erection details on next page.]

At Your Service Our Capable Designing Department

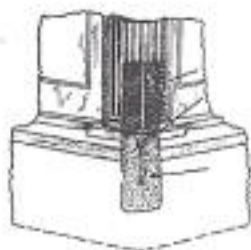
Union Metal has a resourceful Engineering Department with many years of architectural designing experience to assist Engineering Departments of oil companies in developing a standard type of ornamental station for their properties.

Although many of the construction elements in Union Metal filling stations are standardized, we do not want to give the idea that every oil company has to select a certain standardized station shown in this catalog. Our Engineering Department co-operates with oil companies in working out different types of stations to meet their varying and special conditions.



Architectural and Construction Details of Union Metal Columns.

Construction and Erection Details



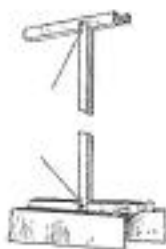
1. Concrete foundations for Union Metal Columns must be set according to dimensions of foundation plan. Anchor rods for columns must extend 16" below the coupling for tie rod which is placed at foundation level. Correct spacing of rods and columns are essential in order that the building may be erected perfectly true and level.



2. Base Sill Member is placed between bases of columns and screwed to lugs on column base at foundation level.

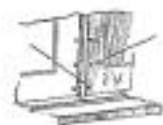


3. Column Base, Shaft and Cap Members are secured to tie rod with three-quarter inch nut at depression in column cap. Architrave Beam Member rests upon top of columns and is fastened to tie rod by means of three-quarter inch nut and heavy gauge square plate.

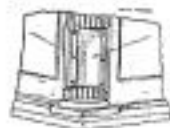


4. Vertical Mullion Members are bolted to Base Sill and under side of Architrave Beam at tapped holes, properly spaced according to panel arrangements.

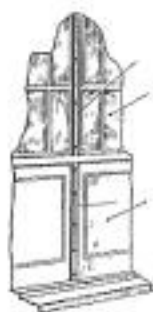
5. Corner Column Covers are placed behind columns and bolted to Mullion Member adjacent to columns.



6. Hollow Metal Panel units are placed between Mullion Members at locations shown on elevation plans. Tapped holes are provided in Mullion Members and screws furnished to secure panels.

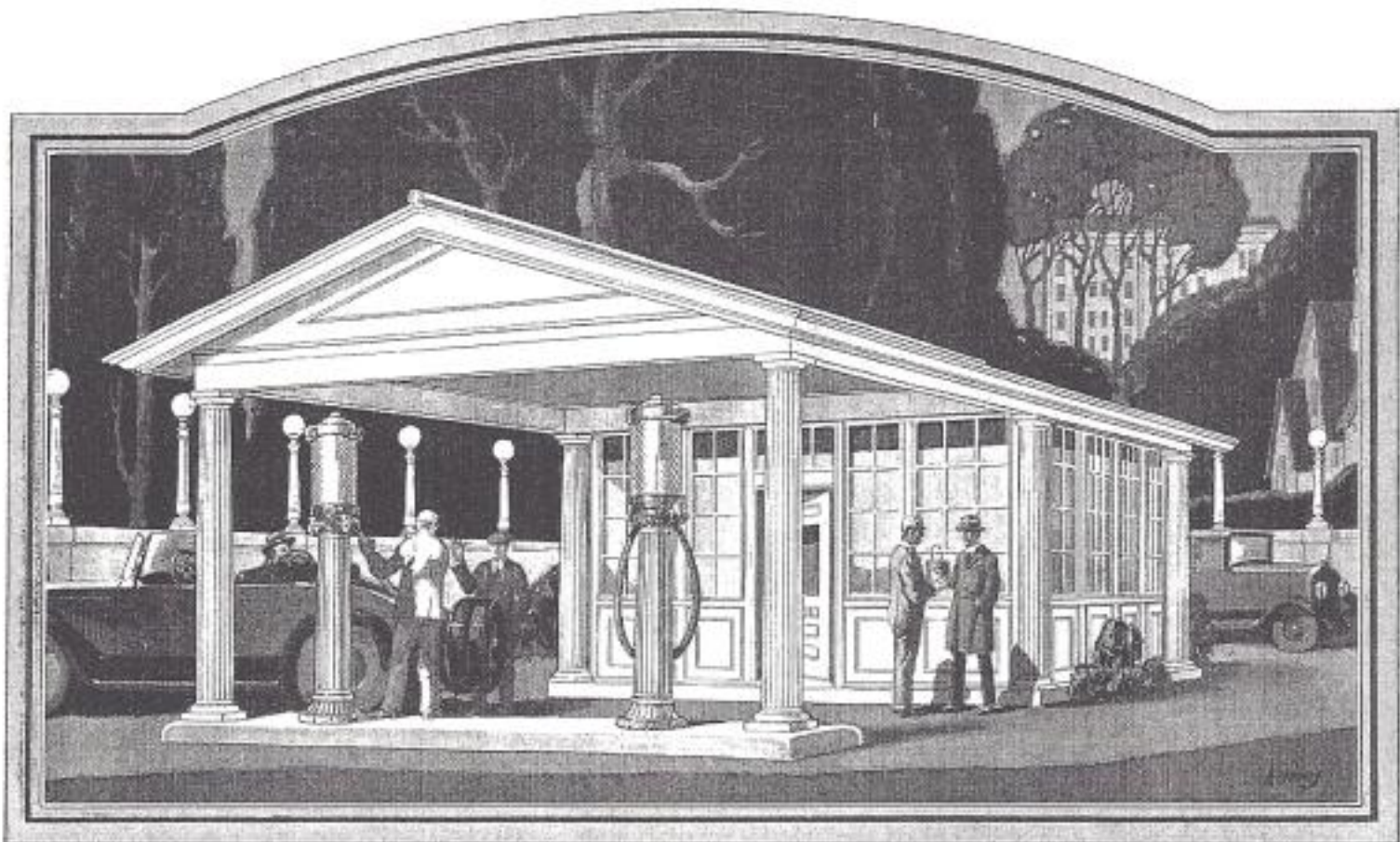


Window sill moulding sections extending between columns and door openings are placed over lower hollow metal panels before steel sash units are erected.



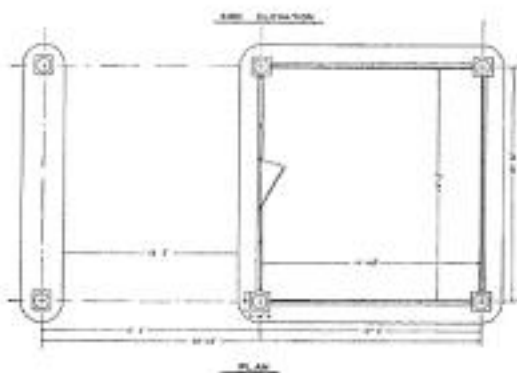
Following the elevation plans of the building the correct position of ventilated and stationary sash is obtained and the installation of these units is completed in the same manner as hollow metal panels.

Locations of door openings are also obtained from the plans and the assembled Door and Jamb Frame is screwed to the Mullion Member.



Union Metal Ornamental Filling Station
Design R-226

*Union Metal
Ornamental Filling Station
Design R-226*



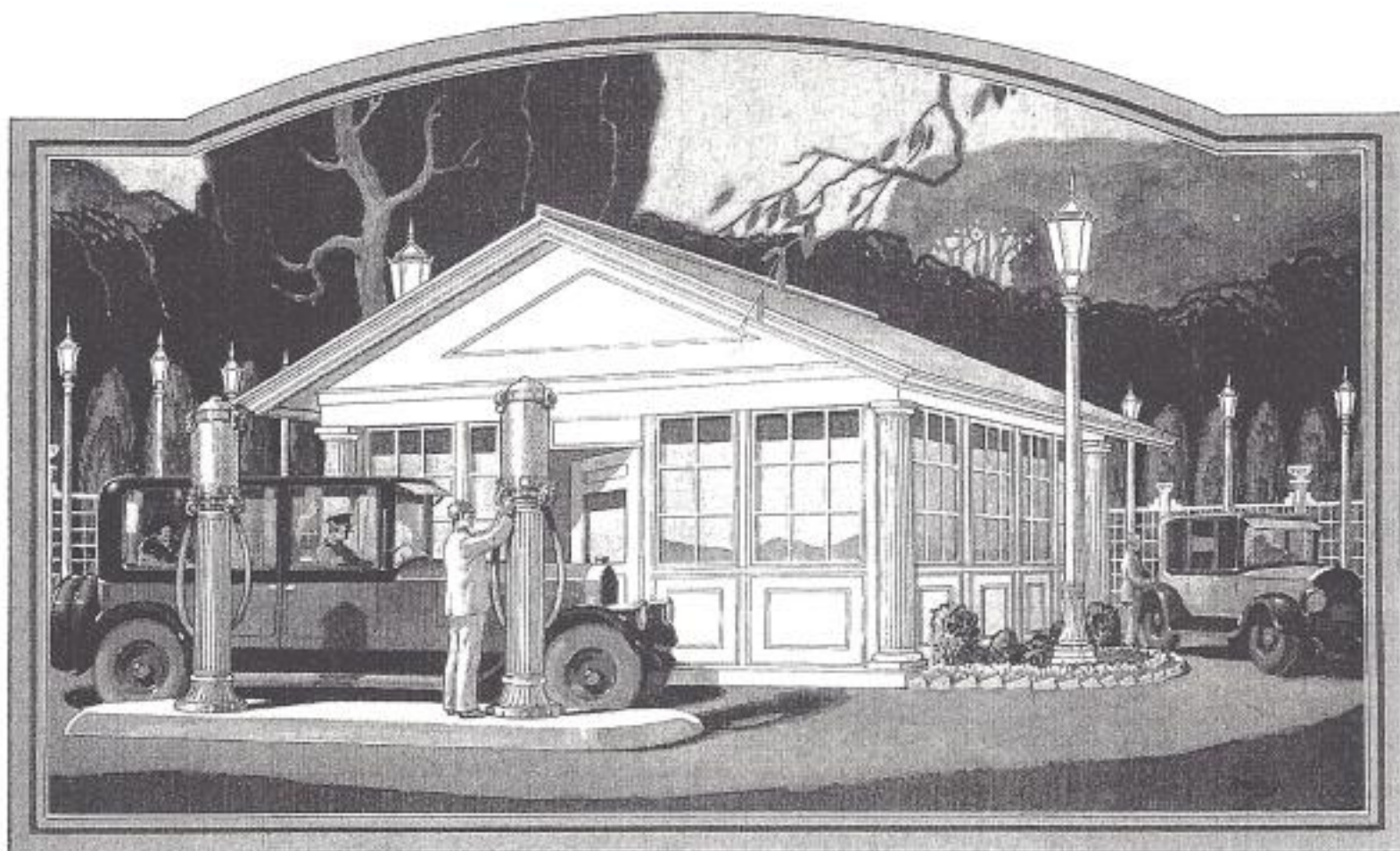
Ground plan of Union Metal Ornamental Filling Station R-226 showing dimensions.

Modern Doric Columns in half column effects at the corners of this building with full Columns supporting the canopy, present a pleasing architectural appearance.

An English cottage type with higher pitched roof and close fitting cornice is a suggested variation from the design as shown.

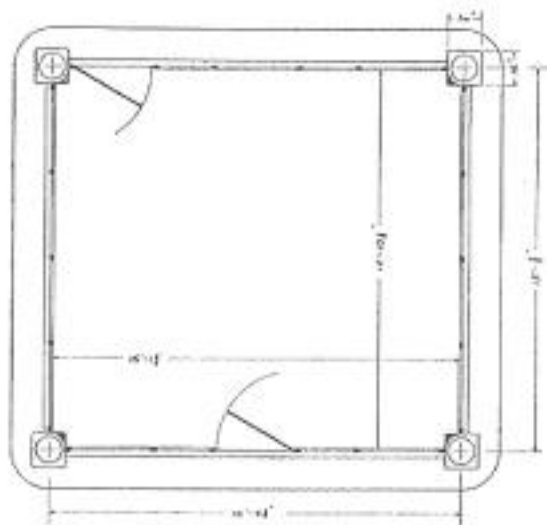
Roofing material consists of steel trusses with galvanized lock joint seamed roofing. Variations of roofing coverings may be selected and applied by the owner, in which case building will be furnished complete with steel trusses and wood nailing strips.

Detailed construction drawings and complete erection details will be mailed upon request.



Union Metal *Ornamental* Filling Station
Design R-231

Union Metal
Ornamental Filling Station
Design R-231



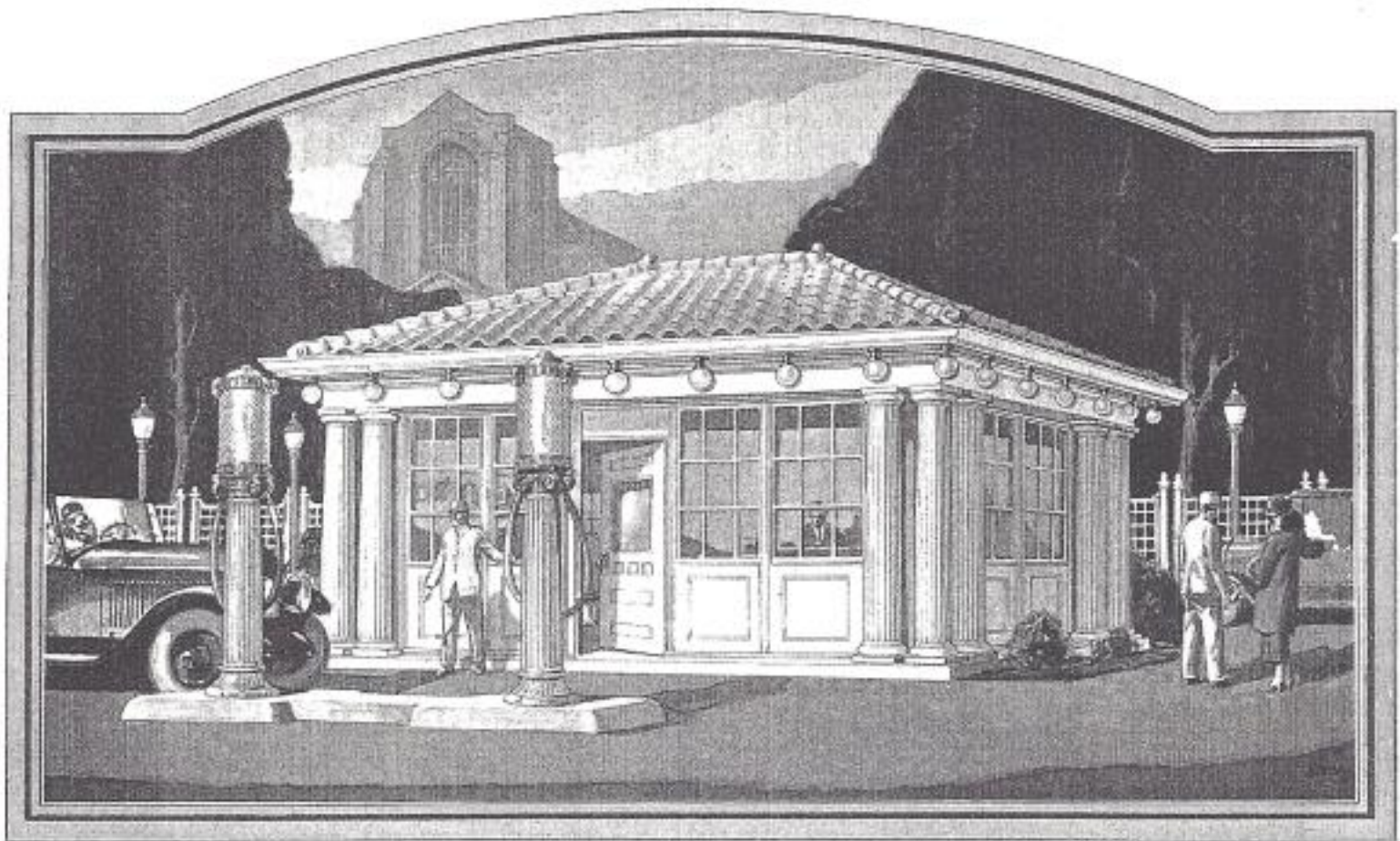
Ground plan of Union Metal *Ornamental* Filling Station R-231 showing dimensions.

Many architects of the larger oil companies have expressed a preference for buildings without canopies. The above design suggests such a type that may be used in practically any locality.

Modern Doric Columns, hollow metal panels, rolled steel sash and steel trussed roof construction are standard details of this design. The standard construction units in this station are so designed that many variations of size and panel arrangements are obtainable.

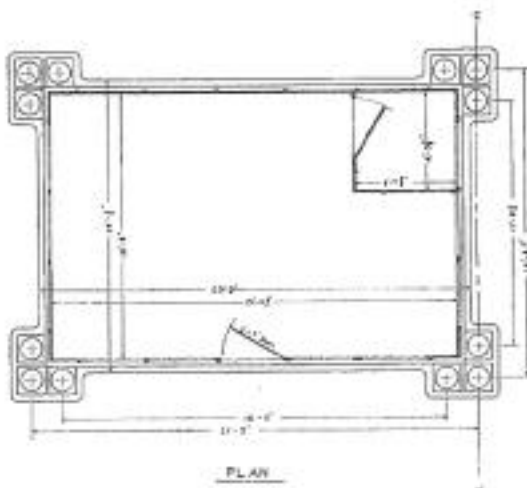
The pleasing simplicity and ornamentation of this design is obtained by the combined use of a gable type roof and modern Doric columns at the corners of the building.

Detailed construction drawings and complete erection details will be mailed upon request.



Union Metal *Ornamental Filling Station*
Design R-225

Union Metal
Ornamental Filling Station
Design R-225

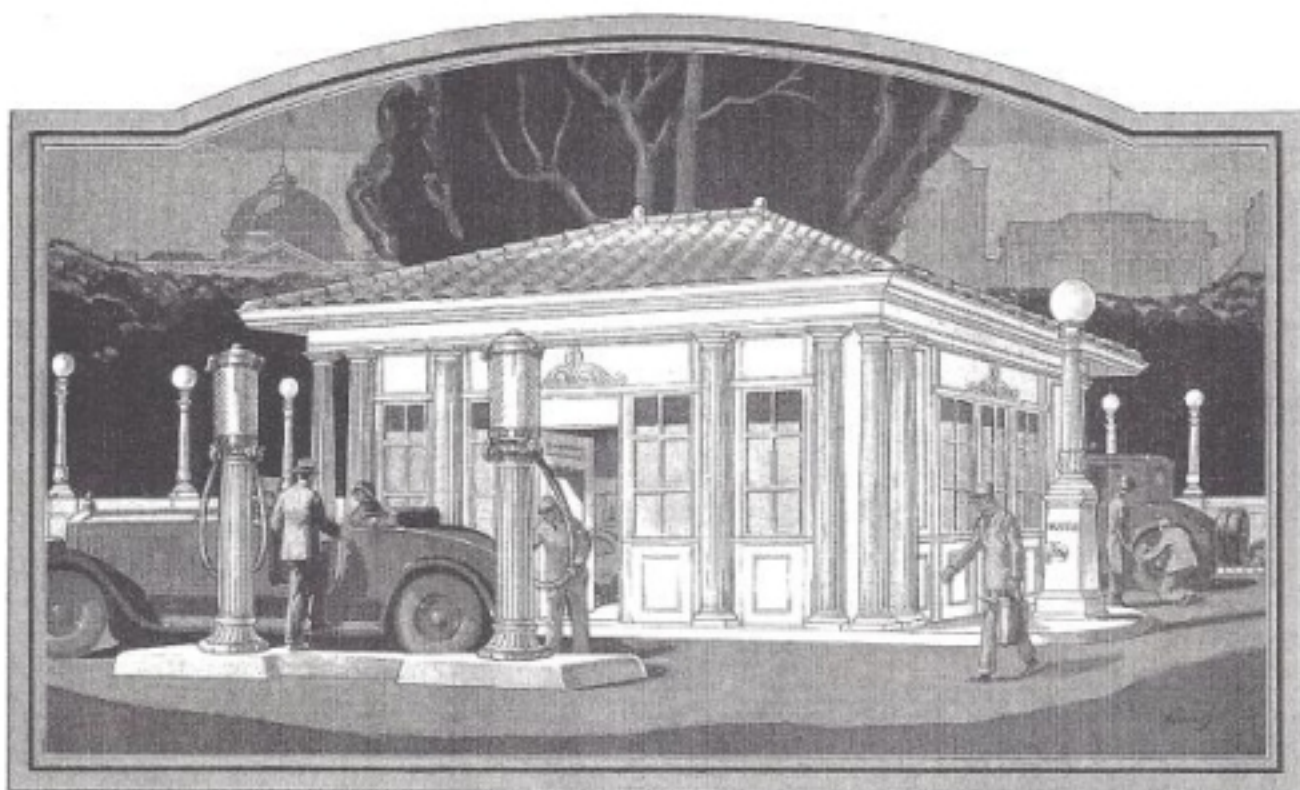


Ground plan of Union Metal *Ornamental Filling Station* R-225 showing dimensions.

The grouping of classical Columns to produce unusual and striking architectural effects has been freely resorted to since the days of ancient Greece and Rome. The beauty of this design is enhanced by the use of three full columns on each corner of the building, while in design 250 on the next page the three-quarter column effect is obtained.

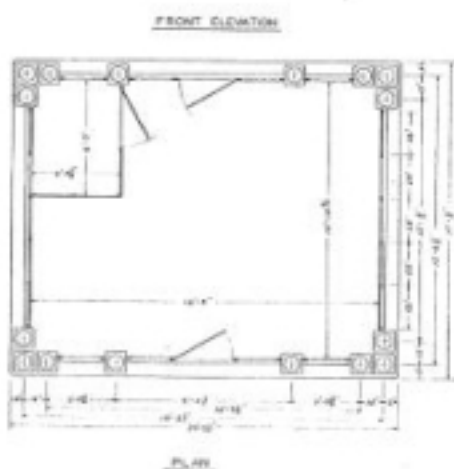
Standard details of sectional panel and sash construction are prominent in this design. For an interesting roof treatment we suggest Spanish metal tile with full cornice and frieze members. This building of entire steel construction is moderately priced and exceptionally attractive in appearance with or without the canopy.

Detailed construction drawings and complete erection details will be mailed upon request.



Union Metal Ornamental Filling Station
Design R-250

*Union Metal
Ornamental Filling Station
Design R-250*

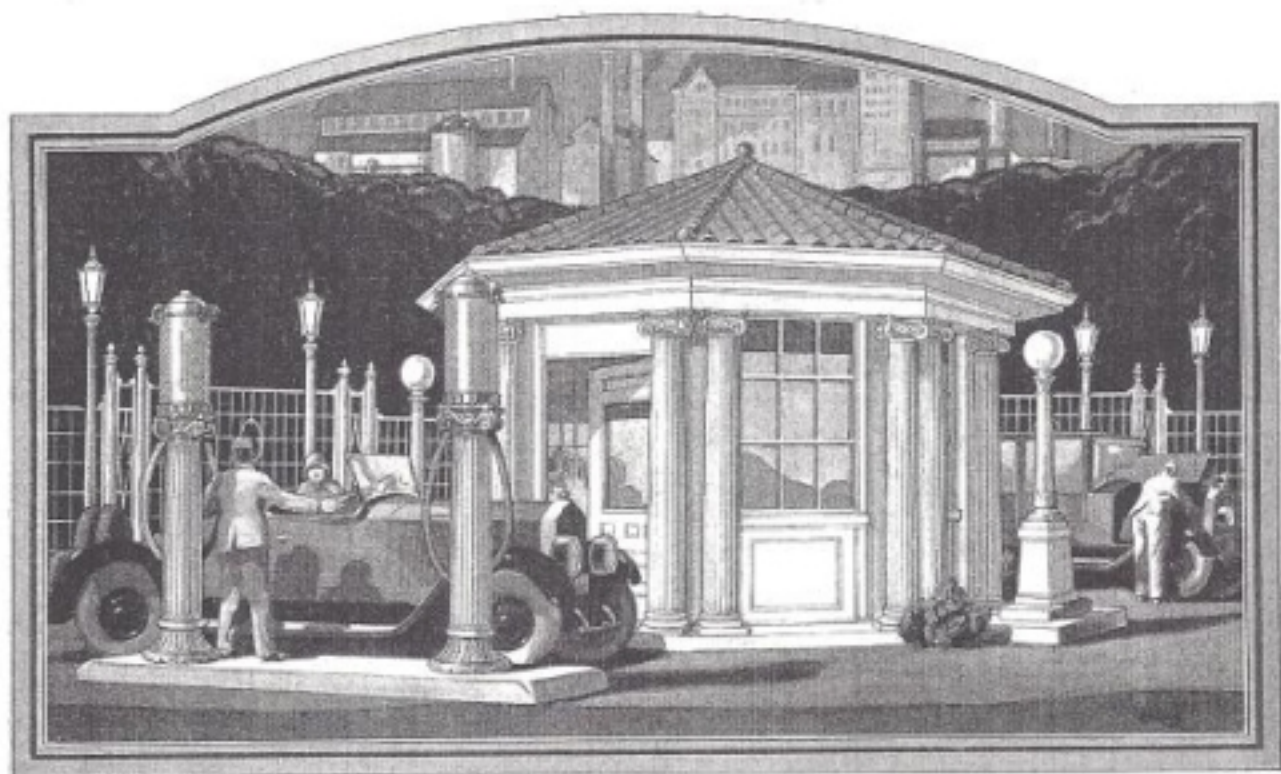


Ground plan of Union Metal Ornamental Filling Station R-250 showing dimensions.

One of the most unusual and attractive illustrations of architectural principles is presented in this design. The Roman Doric Columns are shown in three-quarter effects throughout the building. In groups of three at the corners with single columns proportionately spaced, it presents one of the most beautiful and pleasing of column applications.

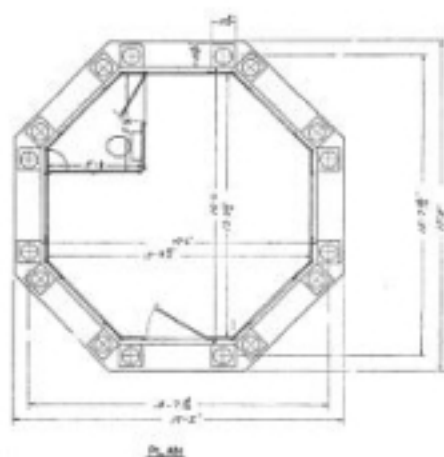
The special arrangements of steel sash and hollow metal panels are in harmony with the correctly proportioned columns. Architrave, frieze and cornice members, as part of roof construction, add to the architectural effect. Spanish metal tile shingles are included with steel trusses in roof construction.

Careful attention to this design suggests the many possibilities of Union Metal Ornamental buildings.



Union Metal *Ornamental* Filling Station
Design R-241 Octagonal Type

Union Metal
Ornamental Filling Station
Design R-241 [Octagonal Type]

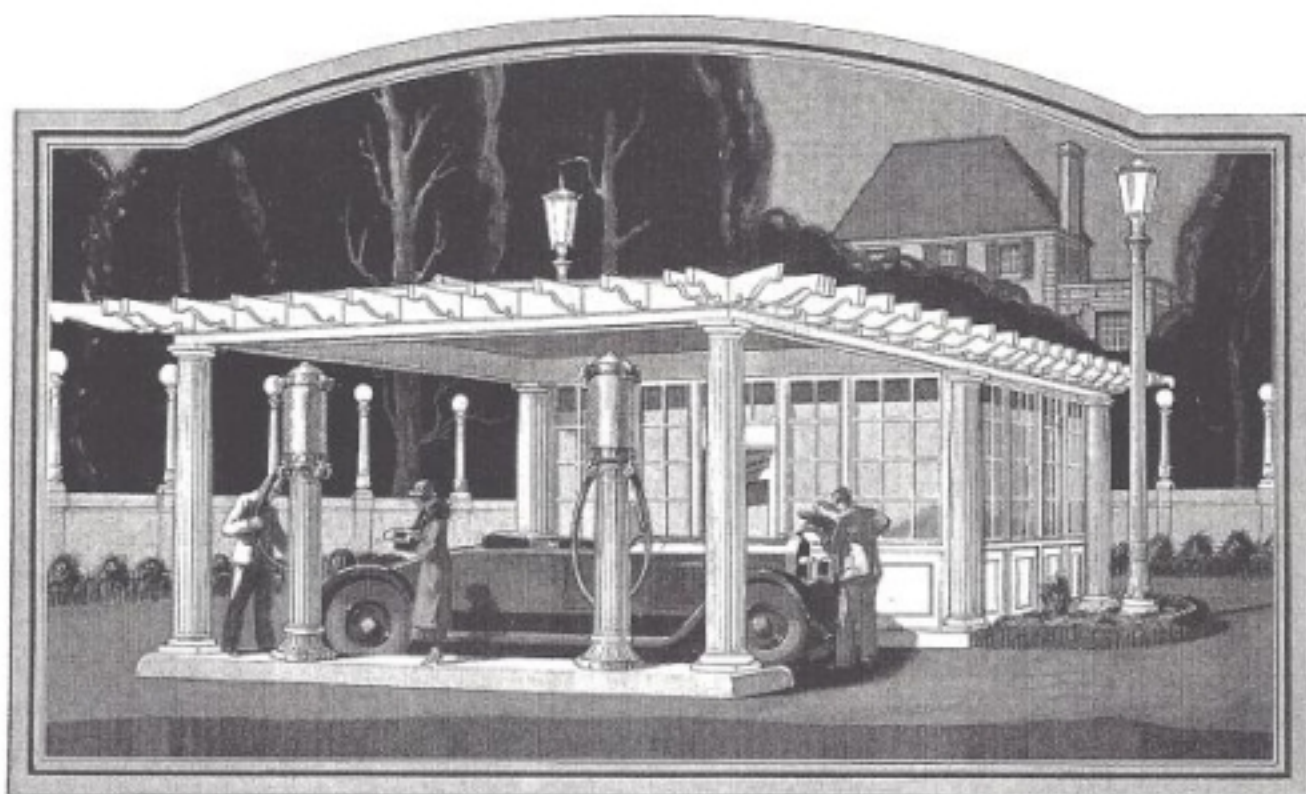


Ground plan of Union Metal *Ornamental* Filling Station R-241, showing dimensions.

Distinctive and original designs of filling stations may be obtained as shown by the octagonal type of building. The modern Ionic, double column arrangement is again the striking and *ornamental* feature.

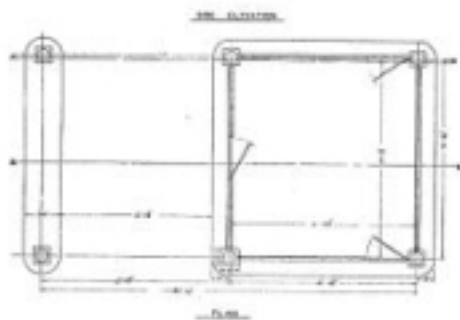
Either glass sash or full height hollow metal panels may be used in side walls. Interior partitions and door arrangements may be placed to suit conditions. Steel roof trusses, Spanish metal tile shingles, hollow metal panels and sectional construction are standard details of Union Metal *Ornamental* buildings.

Many variations and original types of buildings are now being developed at the request of many of the larger oil companies. The superior merits of Union Metal Columns are recognized as part of the building construction.



Union Metal *Ornamental* Filling Station
Design R-236

Union Metal
Ornamental Filling Station
Design R-236



Ground plan of Union Metal *Ornamental* Filling Station R-236, showing dimensions.

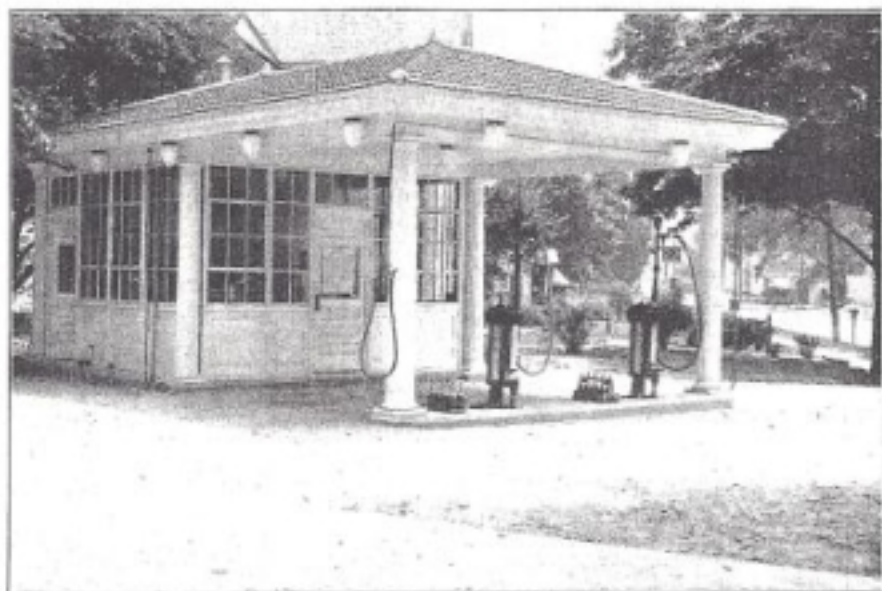
When the pergola was inherited from older countries, it could possibly be classified as a luxury but today it has become a useful ornament not only in the gardens of fine homes but is peculiarly adapted to the construction of *ornamental* filling stations for installation in residential districts.

A feature of this design is the all metal roof construction with cypress wood *ornamental* pergola ends. Roofing material consists of galvanized lock joint seam roofing applied over steel purlins and flat lattice bar trusses.

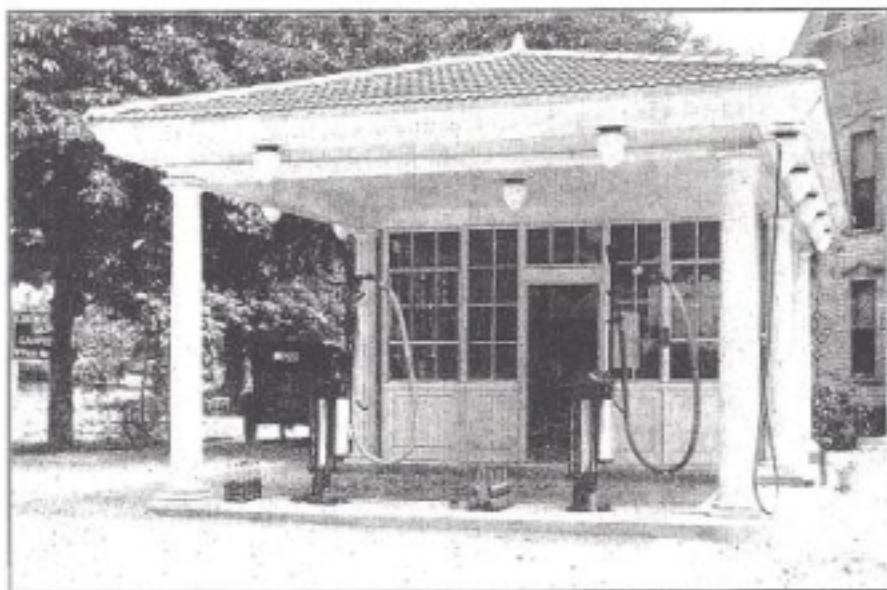
Modern Doric Columns complete the ornamentation of a very popular design.

Detailed construction drawings and complete erection details will be mailed upon request.

UNION METAL ORNAMENTAL FILLING STATIONS



Three-quarter view of a Union Metal *Ornamental* Filling Station
Design 238 recently installed by The Canfield Oil Co., Solon, Ohio



Front view of the same Canfield Station. These pictures emphasize the
fact that a company can well afford to invest in an "*ornamental*" filling
station instead of just a filling station.

UNION METAL ORNAMENTAL FILLING STATIONS

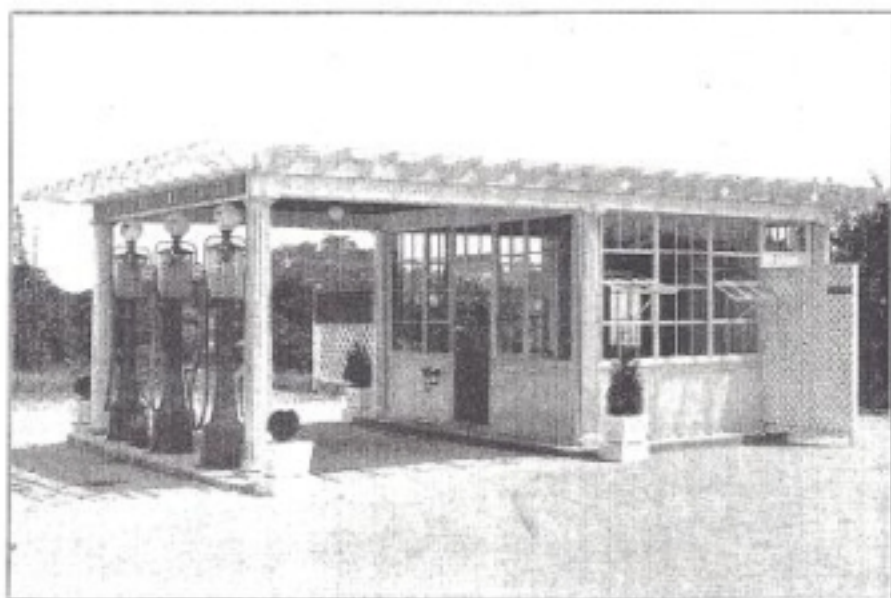


A four column type of Union Metal filling station installed by The Commercial Oil Company, Cleveland—a particularly practical station for limited space.



Combined filling station and bulk station office The Brooks Oil Co., Cleveland. Union Metal columns transform these buildings from ordinary square structures to artistic filling stations.

UNION METAL *ORNAMENTAL* FILLING STATIONS



Union Metal Pergola type of filling station recently installed by The Harris Manufacturing Company, Salem, Ohio. One of many designs in which Union Metal Columns are used to produce artistic effects. This is Union Metal Design 236 shown on page FS 1209



One of the stations of The Chieftain Oil Company, Cleveland. These Union Metal *Ornamental* Stations cost very little more than the plain inartistic types with which we are all familiar. Design 221