

THE UNIVERSITY OF
MEMPHIS[®]

THE UNIVERSITY OF **MEMPHIS**

EXTERIOR SIGNAGE AND LANDSCAPE MASTER PLAN



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Overview / Analysis

- 1. Overview**
 - a. Overview
 - b. The Master Plan
- 2. Analysis of Existing Conditions**
 - a. Approaches to the University
 - b. Gateways
 - c. Adjacent campuses
 - i. south
 - ii. athletic
 - iii. stadium
- 3. Surrounding Neighborhoods**
 - a. MUTCD pathfinder requirements
 - b. Tennessee findings
- 4. Existing Wayfinding Conditions**
 - a. Signage
 - b. Landscape
 - c. Architectural elements
- 5. Existing Sign Types**
 - a. Gateways
 - b. Directional – Primary wayfinding signage
 - c. Directional - Secondary wayfinding signage
 - d. Directional - Pedestrian pathways
 - e. Pathfinders – Neighborhood off premises
 - f. Building identification
 - i. wall-mounted
 - ii. freestanding
 - g. Parking identification
 - h. Trail markers
 - i. Commemorative plaques
 - j. Street signs

- 6. Recommendations**
 - a. Sign Recommendations
 - b. Landscape Recommendations
 - c. Recommendations
- 7. Code Considerations**
 - a. City of Memphis
 - b. Manual for Uniform Traffic Control Devices
 - c. ADA requirements (accessible entrances)
- 8. Graphic Content Criteria**
- 9. Graphic Standards**
- Master Plan Documents**
- 10. Environmental Graphics Policy**
- 11. Exterior Signage Construction Documents**
- 12. Design Enhancements / Landscaping**
- 13. Location Plans**
 - a. Main Campus
 - b. Park Avenue Campus
 - c. Message Schedule - Main Campus
 - d. Message Schedule - Park Avenue Campus
- 14. Cleaning and Maintenance**
- 15. Reordering**
- 16. As-Builts**

OVERVIEW

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The University of Memphis Signage and Landscape Master Plan document was created to define public wayfinding for the first-time or infrequent visitor to the Main and Park Avenue campuses with the primary goals of creating a positive experience for the visitor involved with all aspects of academic, event, and concert/performance participation.

Wayfinding is defined as the clear dissemination of information to aid in providing direction in and around a defined location. Signage provides a pivotal role in wayfinding as it reinforces direction, connects independent destinations, highlights consistency and controls the manner in which one circulates a complex environment, such as the University of Memphis offers.

In addition to signage, there are visual and verbal cues that become predisposed to the visitor whether navigating in a vehicle on or foot. The repetition of materials, colors, fonts, placement and landscape enhancements all serve as a part of the overall wayfinding experience.

Ease of wayfinding can be the single most important aspect in influencing a new visitor or prospective student and family in what the University stands for, its “brand” and how it should be perceived. This can be a positive or negative experience dependent upon how effective and easy one can find their initial destination. Whether it is the Admissions Office, Performing Arts Center, gallery or other entity, it is crucial that the location is clearly marked, directions lead to that destination, and once there, where to park. The importance of this cannot be underscored enough to make the experience a positive one.

All wayfinding elements should be designed to allow for expandability, flexibility and durability. With the number of changes that occur on a college campus at any given time, i.e., departments being relocated, additions, demolitions, new buildings and parking areas make for constant ebb and flow. The University’s master plan was taken into consideration as the signage gives a nod to future expansion, new entrance gateways and other potential modifications. Signage completed for today is a mere snapshot as it must work for future events and be easily updatable and adaptable.

There is a natural flow of how the signage system works. Initially, it begins along major interstates, flows to secondary roads and then to the campus entrances. The sense of place that the entrances provide gives a reassurance to the visitor that they have arrived at the appropriate destination. Once within the boundaries of the campus, the vehicular signage should direct to specific locations, buildings or departments of significance. These guide signs pull traffic in and around the campus in the most direct and efficient means. The audience is focusing on their intended destination and the signage aids their arrival. Parking lots, garages, and traffic control devices are a part of the next step in wayfinding and serve to place the visitor at the most convenient point to transition from being a passenger to being a pedestrian. Once on foot, the visitor relies on transitions to pedestrian maps, kiosks, directionals and other regulatory informative signage including accessibility standards. This should lead any visitor to the appropriate building entrance where once inside they can find their intended destination.

Upon leaving, it is just as important for all of the wayfinding signage, both pedestrian and vehicular to redirect back to the visitor’s point of entry making egress as comprehensible as ingress into any given campus.

This document is divided into two major sections. Initially, it serves as an analysis of existing conditions, recommendations, and examples of other campuses and how they have solved their problems, culminating with code related research. The recommendations are the basis of the second portion of the master plan, which details specific sign types, landscape plans and plantings and provides locations for all signage, their proposed messages and complete specifications, construction documents, maintenance and reordering suggestions.

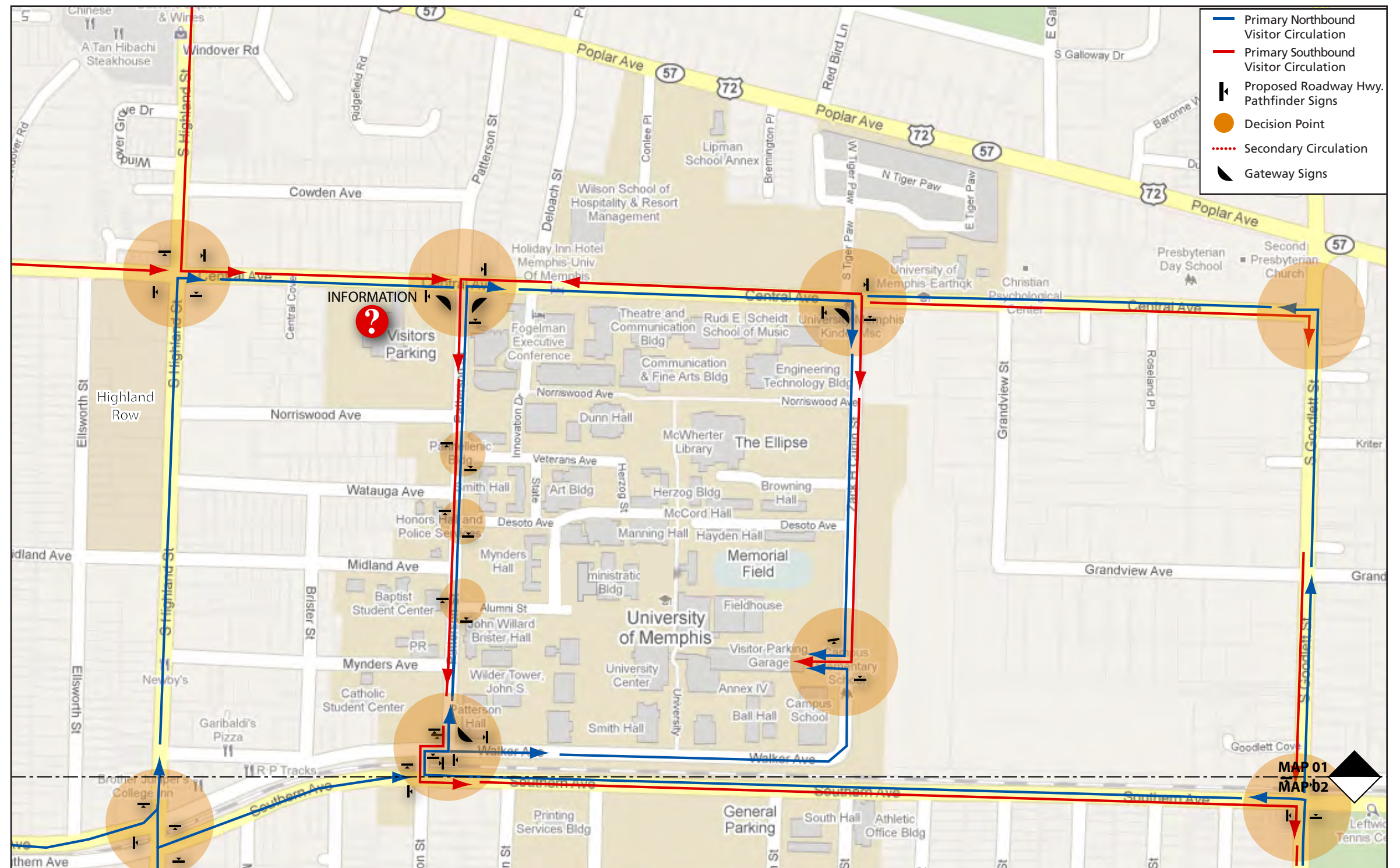
Both the Main and Park Avenue campuses are addressed in this master plan. The community and outlying neighborhoods are also considered as University related pathfinders were created and can be implemented in cooperation with the various surrounding communities to foster a “good neighbor” policy and to serve the University as a means of pulling traffic through these communities to either campus location.

ANALYSIS OF EXISTING CONDITIONS

Approaches to the University:

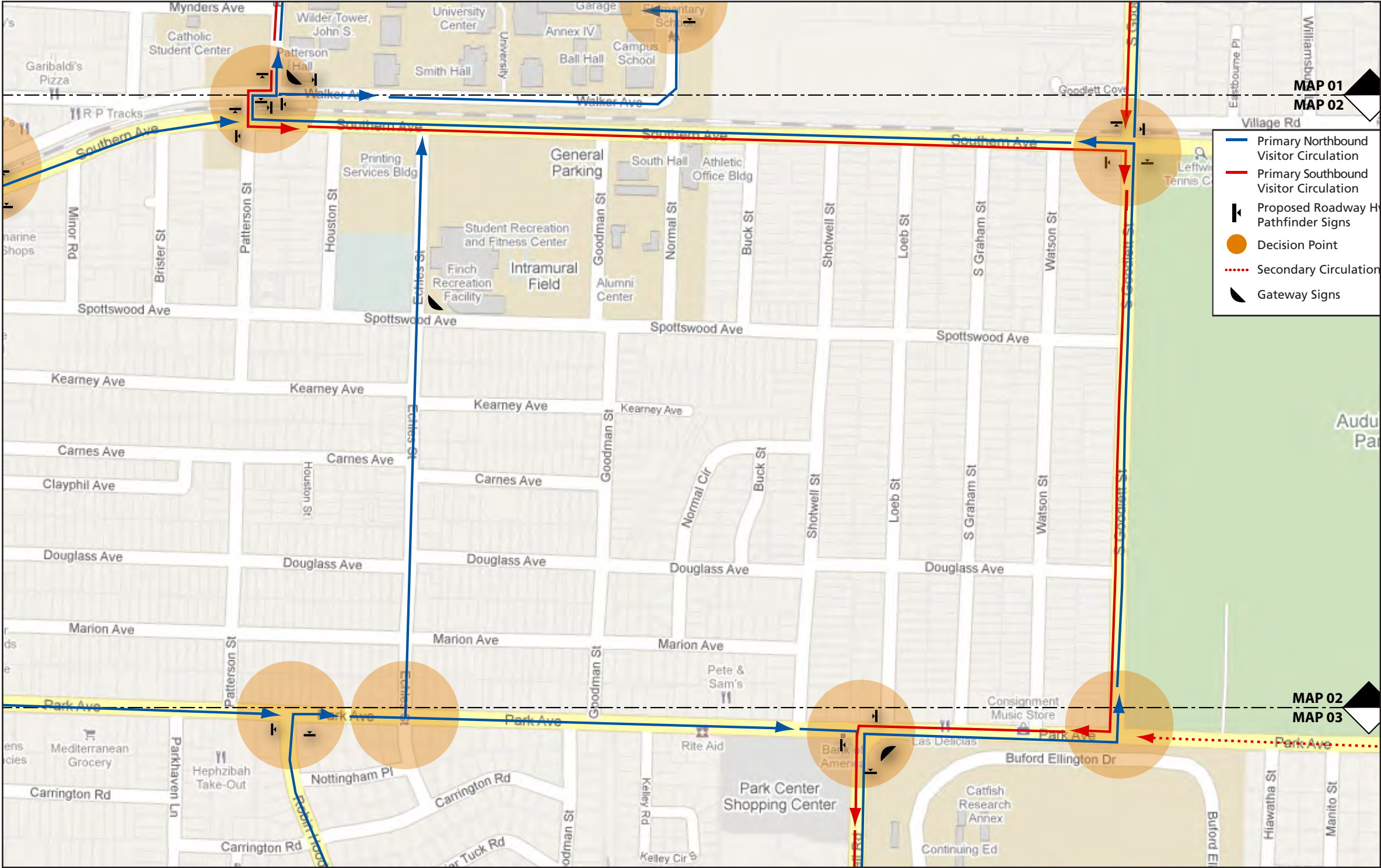
When approaching the University from any direction, one must first be clear as to which location their particular destination is located. As there are two academic campuses, Main and Park Avenue; as well as, the athletic complex where the stadium is located, it is necessary to understand the relationship of these three independent locations to each other and the proximity in miles from one to another.

The Main campus is segregated by two major factors the railroad and Central Avenue. North of Central there is a large, surface parking area. Similarly, this same scenario can also be found south of the railroad tracks in addition to other destinations, which are more athletically related.



Even though the main campus is one geographic area, the major separators like the railroad and Central Avenue make traversing difficult to the unfamiliar visitor or new student. This is due to a lack of pathfinder and University specific directional signage.

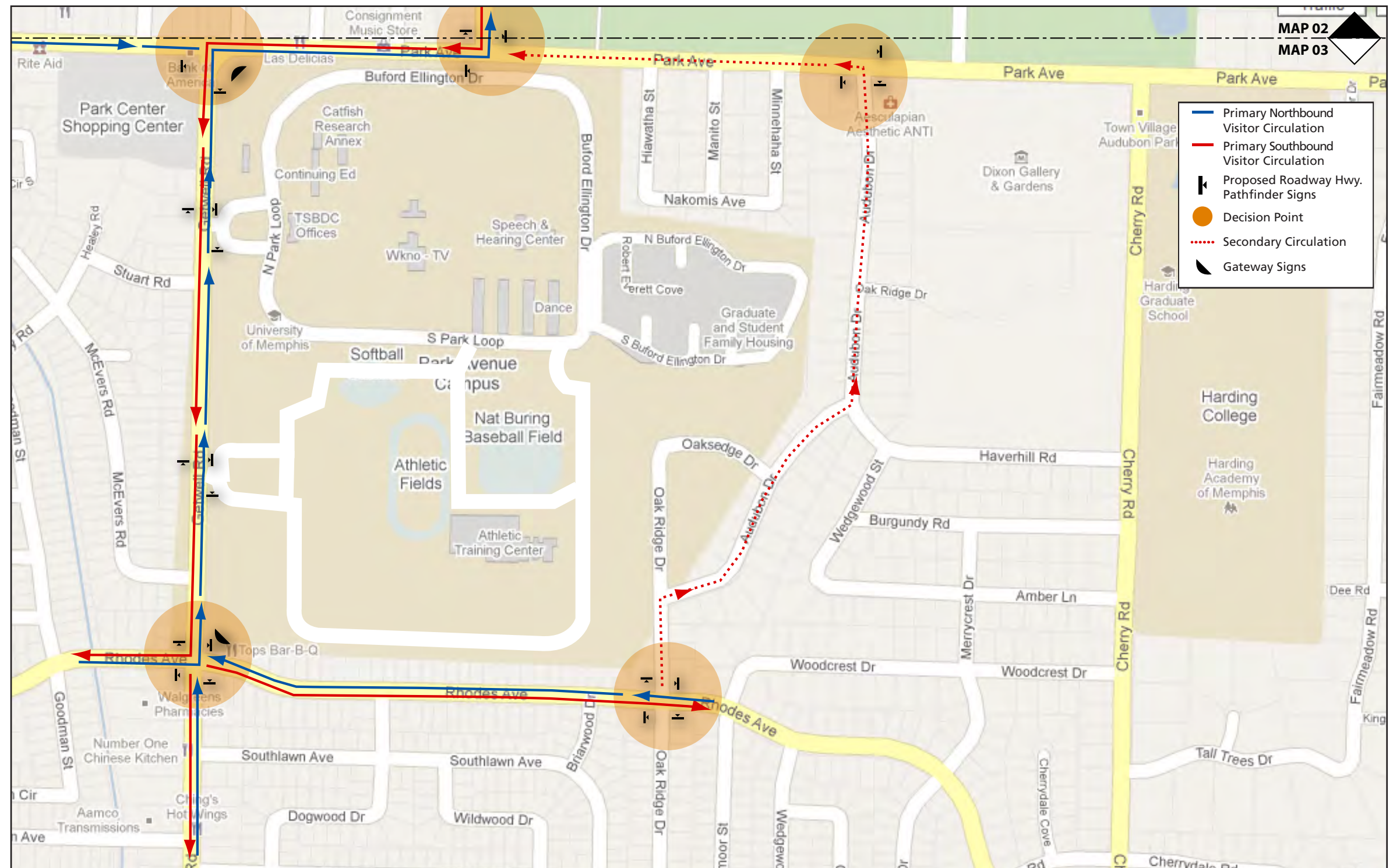
2 ANALYSIS OF EXISTING CONDITIONS



The football stadium is also difficult to find if one follows the DOT type signage off of the interstate as it leads to the Main campus and not the adjacent locations for sports or the Park Avenue campus. The lack of pathfinders around each of the three campuses and connecting each to the other makes wayfinding difficult.

The master plan calls for a new front door for the campus on S. Highland Street. Once this occurs the connection routes may be more pronounced between the Main and Park Avenue Campuses; as well as, the business district where the bookstore and other retail amenities will be located.

There is no presence for the University until one is actually on its property. Banners, Gateway, directional and pathfinder signage as a whole are lacking particularly at major intersections, travel routes through neighborhoods and decision points.



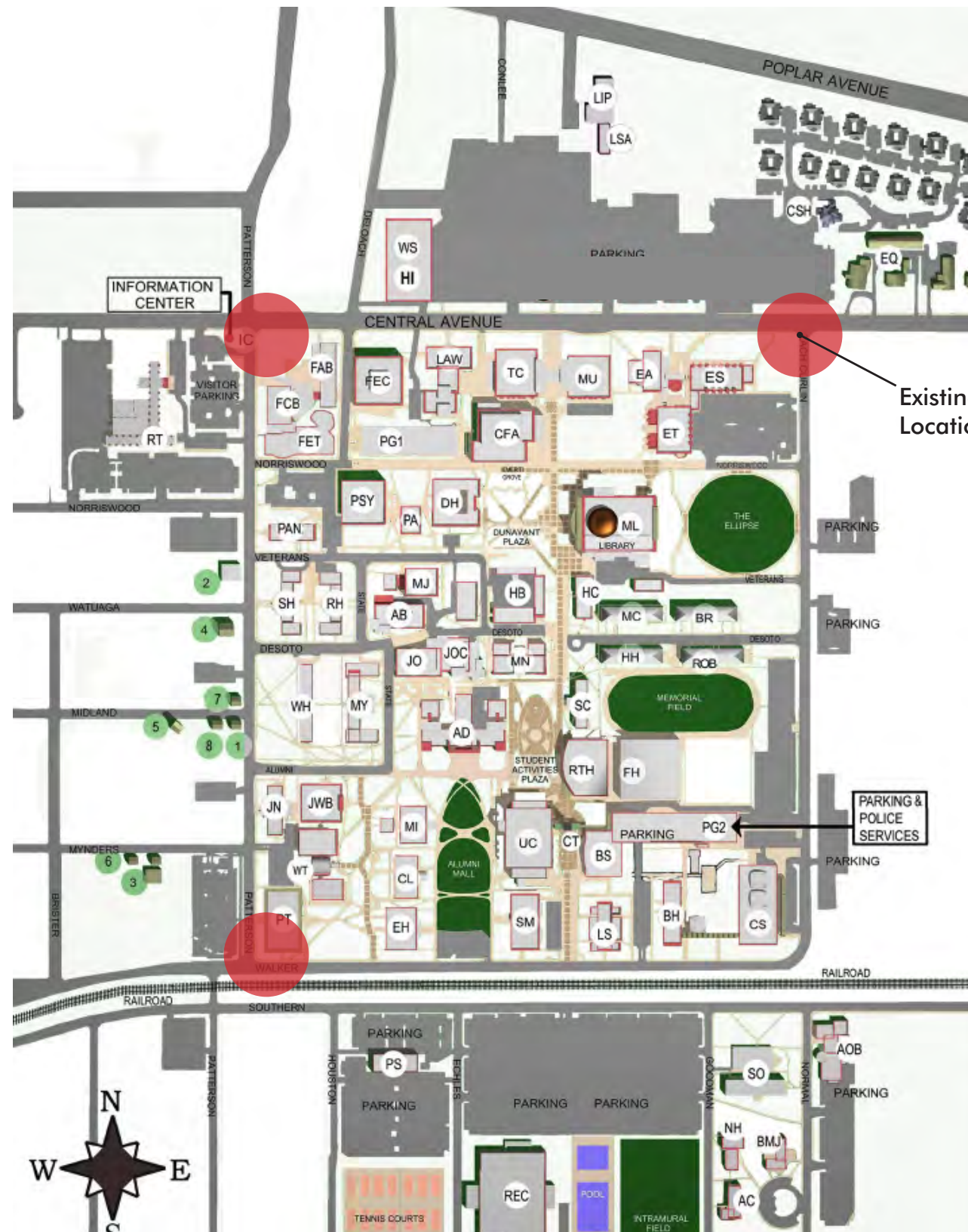
2b. Gateways

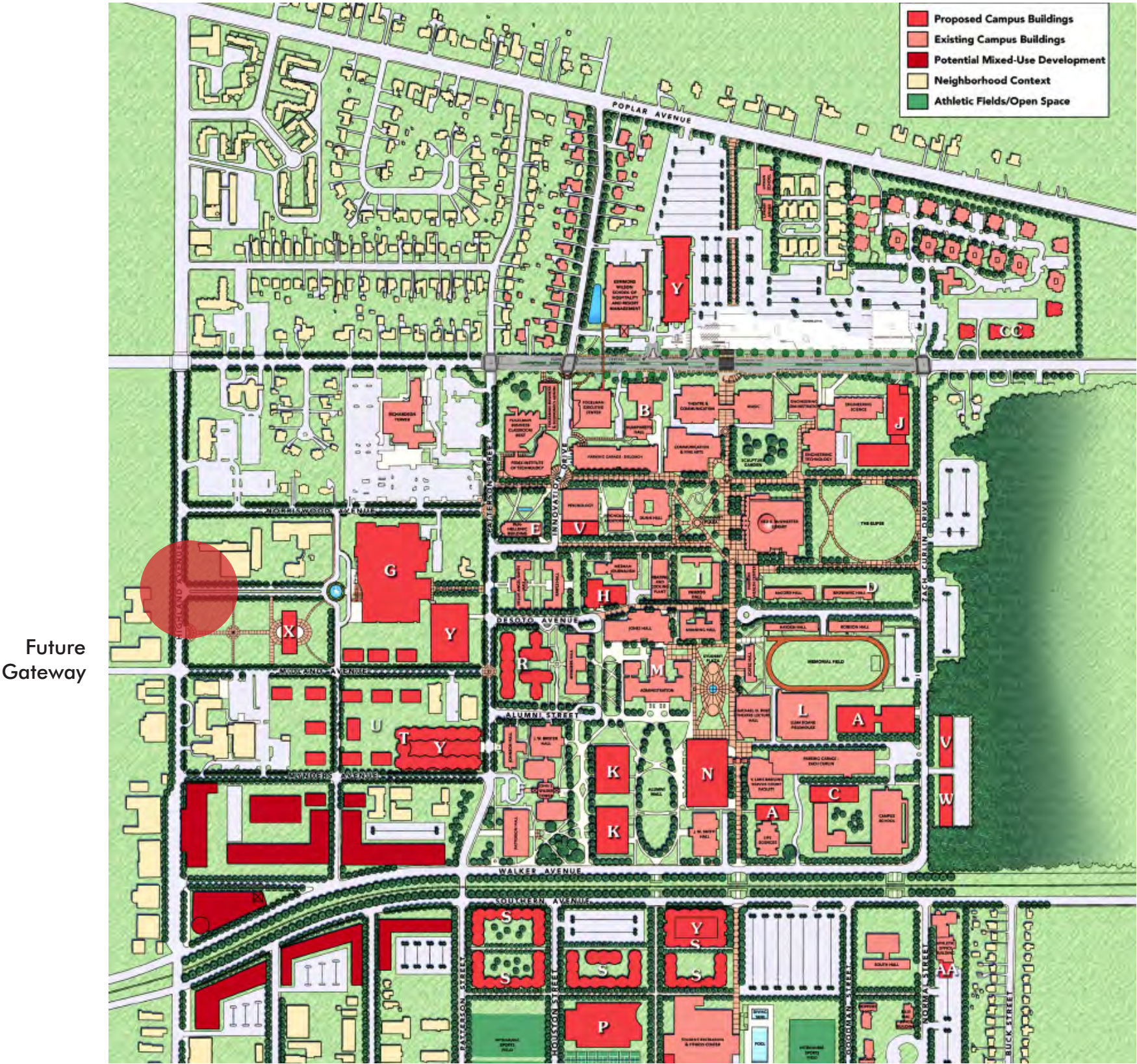
Main campus has made an attempt at creating geographic boundaries through the use of a larger horizontal signs placed at key entry points around the campus. Unfortunately these signs sit parallel to the public roadways and flow of traffic, necessitating that one look left or right to view them as opposed to the more visible perpendicular placement. The entrance signs are not internally illuminated they are uplighted instead. At each location where an entrance sign is placed, there are two banners attached to a single pole. One banner shows the University crest and the other shows the more graphic representation of blue and black stripes.

Main Campus



Existing Gateway Location

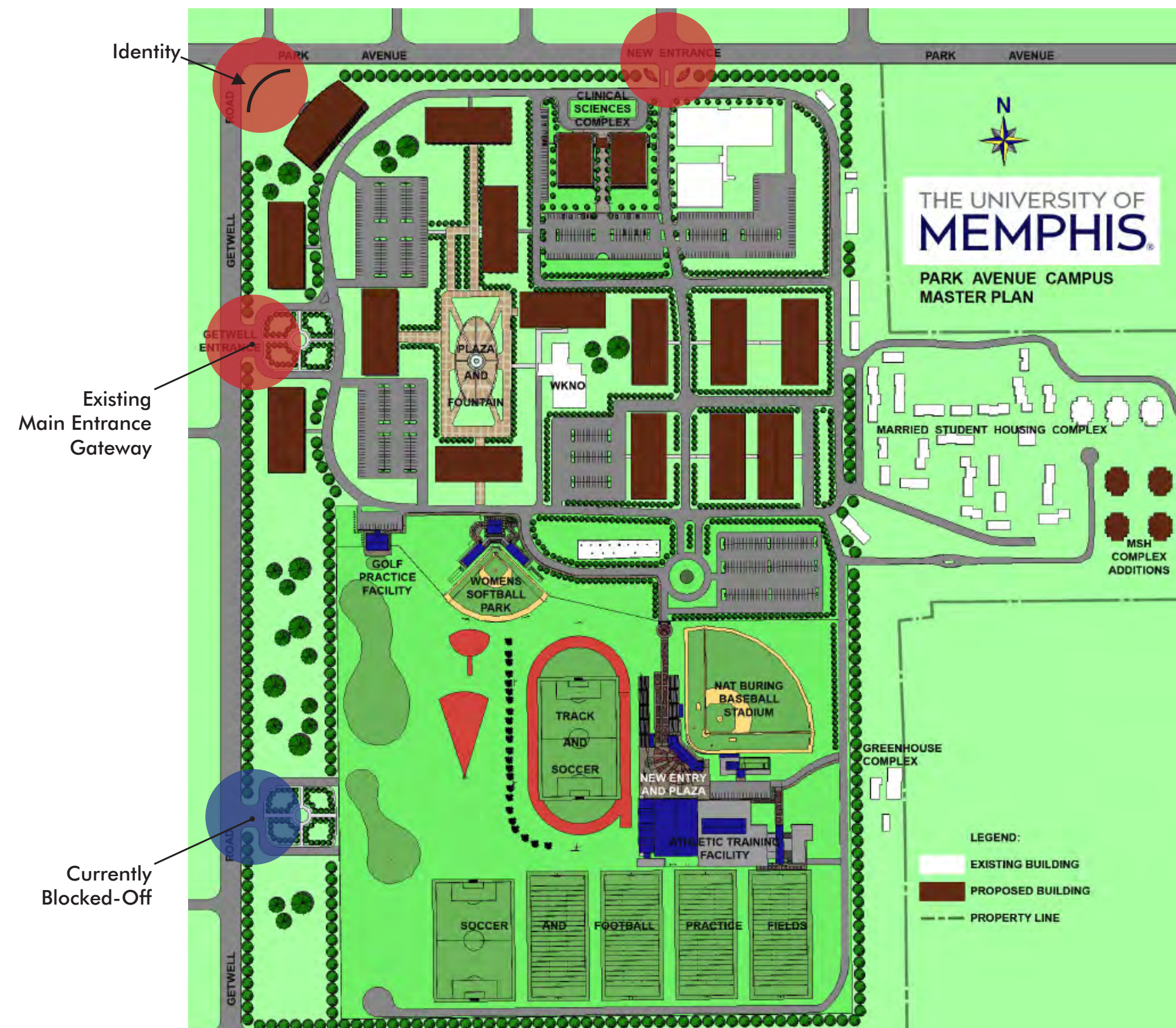




Main Campus

Future Gateway Location

Future Gateway



Park Avenue Campus



2c. Adjacent campuses

Main Campus

The main campus houses most of the primary destinations for the University. The campus is bordered by Central Avenue, Patterson Street, Zach Curlin Drive and Walker Avenue. South of Walker Avenue are additional recreational facilities parking lots. The main campus is segregated by the Southern Railroad, which runs parallel with Walker Avenue, forcing students to cross the tracks either on foot or by vehicle in order to traverse from one location to the other. Parking is also located on the southern side of Walker Street, proving a dangerous scenario for pedestrians, who often cross the tracks at the closest point and not at the designated crossing zones.

Park Avenue Campus

Located a few blocks south of the main campus and accessed through residential neighborhoods, the Park Avenue campus is bordered by Park Avenue to the north, Getwell Road to the west, Rhodes Avenue to the south and South Fourth Street to the east. In addition to a few classroom buildings, the campus houses practice fields, student housing and other maintenance facilities for the University. The disconnect from the main campus, makes the neighborhood connector roads an important tie between destinations. The lack of University branding is evident along these major thoroughfares. This missed opportunity should be considered as a link between all University property.

Football Stadium Complex

To the west of the main and Park Avenue campuses The Liberty Bowl Athletic Complex can be found. As it is remote from both the main and Park Avenue campuses, there is an assumption that is easy to find. Currently the only directions are paw prints along Central Avenue.



SURROUNDING NEIGHBORHOODS



3 SURROUNDING NEIGHBORHOODS

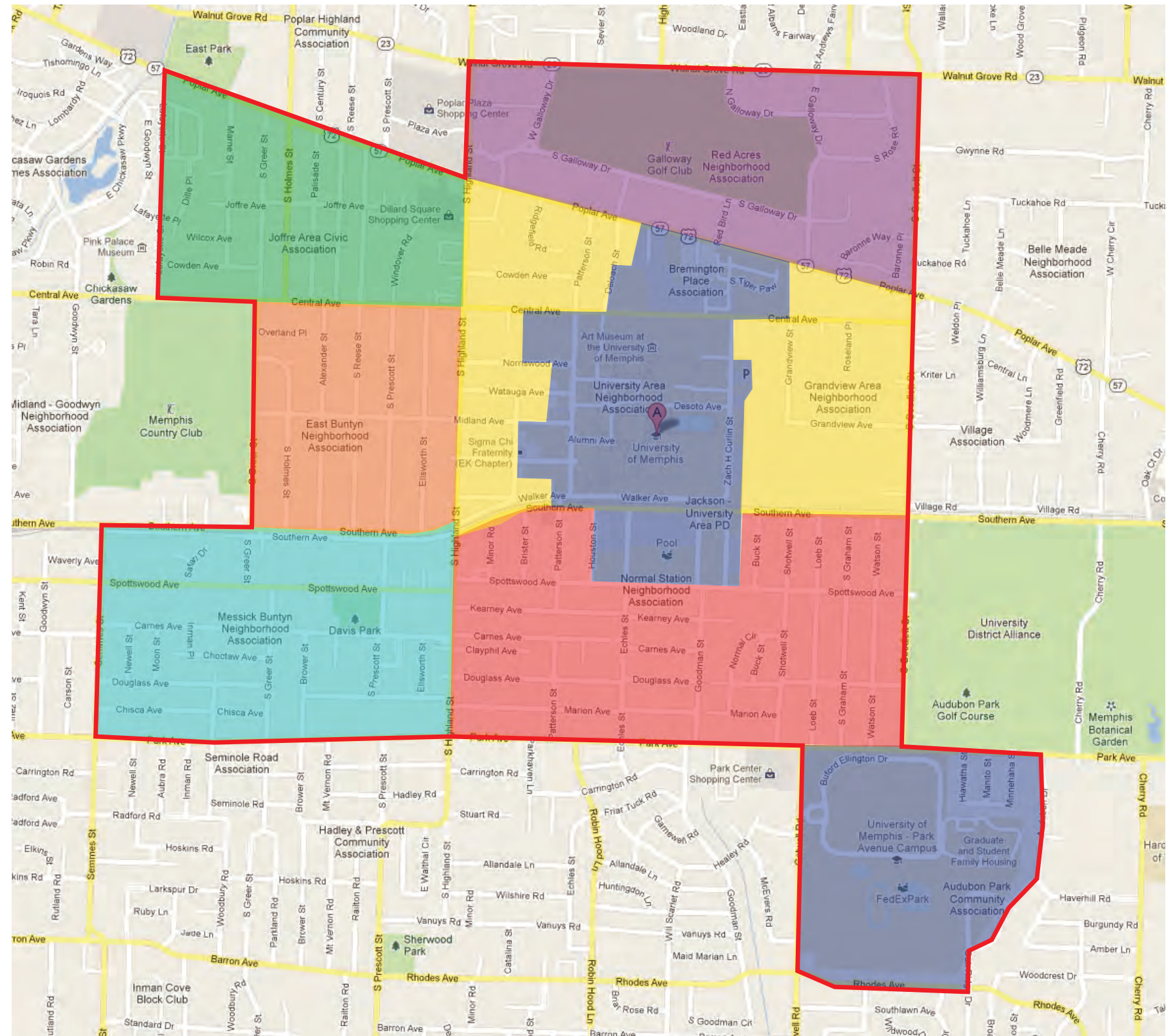
Surrounding neighborhoods

There are several neighborhoods that surround or abut the Main campus of the University of Memphis. These make up the UMW Neighborhood Coalition. As a major player centrally located among residential communities, there is a lack of unison for all entities associated with the University and the University itself.

The discussion of pathfinder signage to and from the University has occurred in previous chapters of this analysis document, and once again it is highlighted here to reinforce the connectivity of community and the importance of the University to the overall geographic area.

Community pathfinders with a focus on the University can highlight direction between all campus sites, and to the various neighborhoods, which include; East Buntyn, Normal Station, Joffre, Messick Buntyn and Red Acres. Directional messages to each of these locations provided by the University on a sign formatted to be consistent in look to the rest of the new signage, yet custom to the community, will tie together the neighborhoods, add a sense of place to the University and foster a "good neighbor" policy to the surrounding residential and business areas.

The possibility of having the street signage also reflect those found on the campuses, could further tie together residential and business areas with the University, truly creating the "University District" and not just three campuses surrounded by neighboring communities.



Surrounding neighborhoods

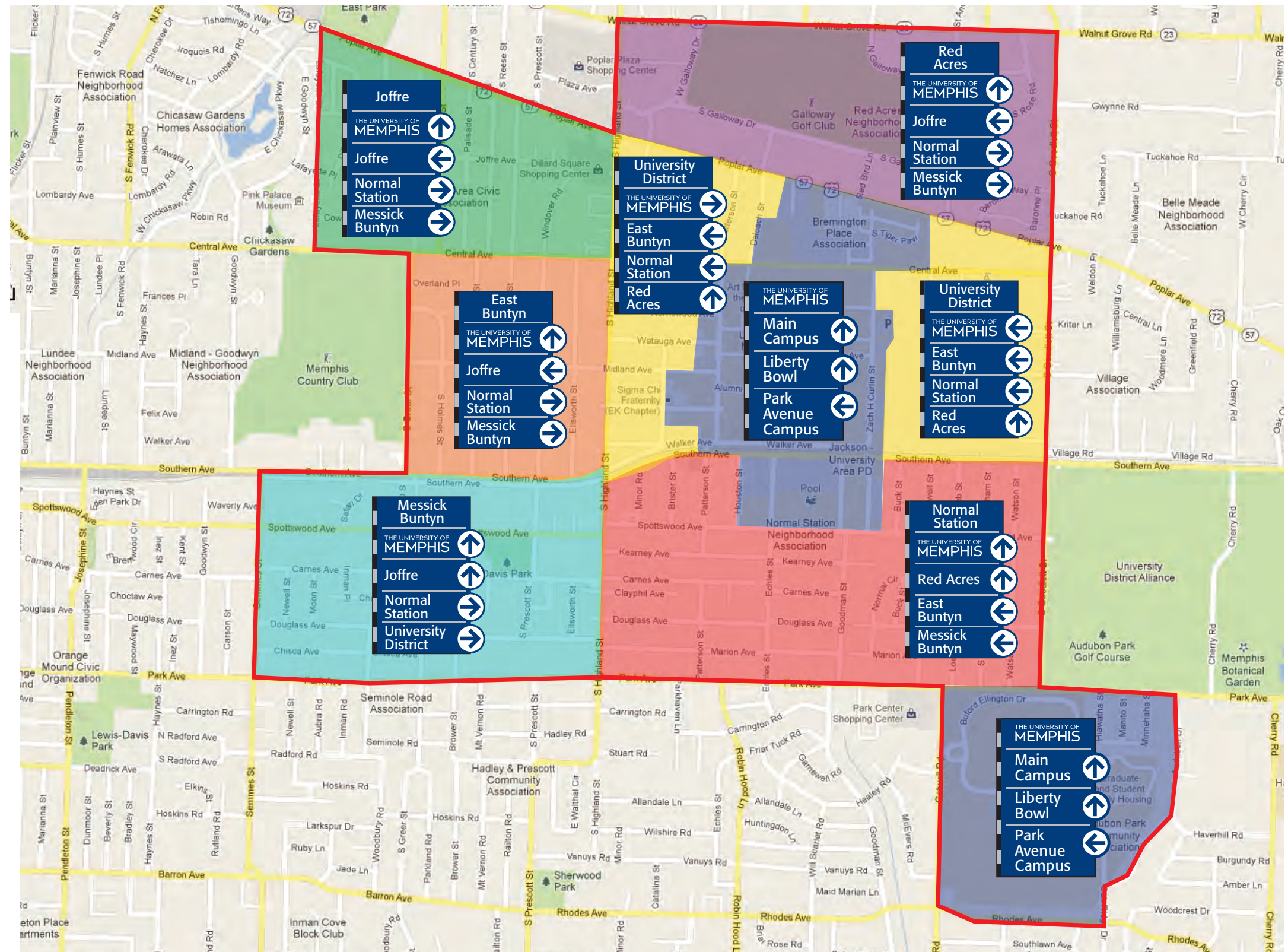
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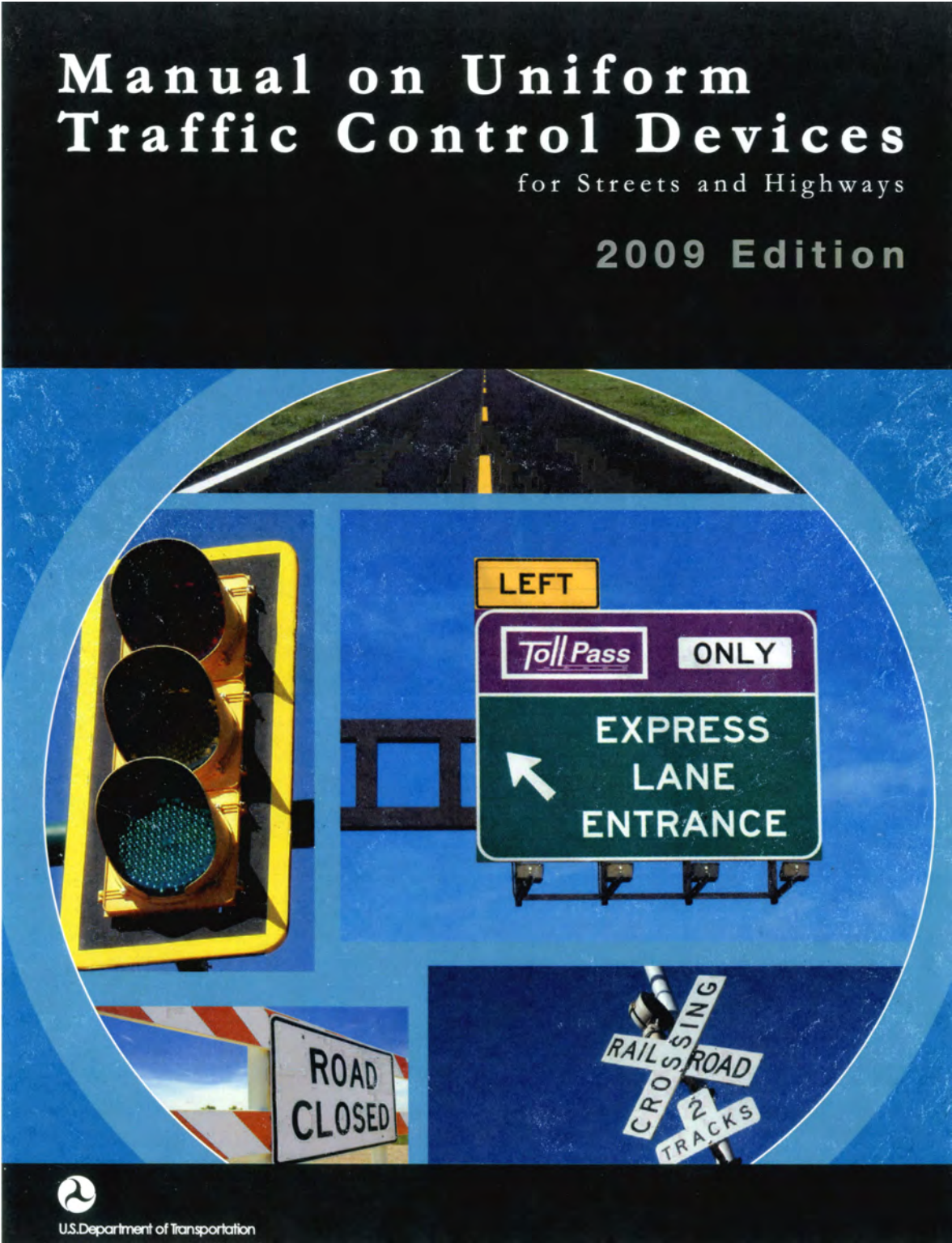
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3 SURROUNDING NEIGHBORHOODS



Page 174

2009 Edition

Figure 2D-18. Examples of Community Wayfinding Guide Signs

A - Community Wayfinding Guide Signs with Enhancement Markers



B - Destination Guide Signs for Color-Coded Community Wayfinding System



Guidance:

10 Because pedestrian wayfinding signs typically use smaller legends that are inadequately sized for viewing by vehicular traffic and because they can provide direction to pedestrians that might conflict with that appropriate for vehicular traffic, wayfinding signs designed for and intended to provide direction to pedestrians or other users of a sidewalk or other roadside area should be located to minimize their conspicuity to vehicular traffic. Such signs should be located as far as practical from the street, such as at the far edge of the sidewalk. Where locating such signs farther from the roadway is not practical, the pedestrian wayfinding signs should have their conspicuity to vehicular traffic minimized by employing one or a combination of the following methods:

- A. Locating signs away from intersections where high-priority traffic control devices are present.
- B. Facing the pedestrian message toward the sidewalk and away from the street.
- C. Cantilevering the sign over the sidewalk if the pedestrian wayfinding sign is mounted at a height consistent with vehicular traffic signs, removing the pedestrian wayfinding signs from the line of sight in a sequence of vehicular signs.

11 To further minimize their conspicuity to vehicular traffic during nighttime conditions, pedestrian wayfinding signs should not be retroreflective.

Support:

12 Color coding is sometimes used on community wayfinding guide signs to help road users distinguish between multiple potentially confusing traffic generator destinations located in different neighborhoods or subareas within a community or area.

Option:

13 At the boundaries of the geographical area within which community wayfinding guide signing is used, an informational guide sign (see Figures 2D-18 and 2D-20) may be posted to inform road users about the presence of wayfinding signing and to identify the meanings of the various color codes or pictographs that are being used.

Standard:

14 These informational guide signs shall have a white legend and border on a green background and shall have a design similar to that illustrated in Figures 2D-1 and 2D-18 and shall be consistent with the basic design principles for guide signs. These informational guide signs shall not be installed on freeway or expressway mainlines or ramps.

Sect. 2D.50

December 2009

2009 Edition

Page 175

Figure 2D-19. Example of a Community Wayfinding Guide Sign System Showing Direction from a Freeway or Expressway



15 The color coding or a pictograph of the identification enhancement markers of the community wayfinding guide signing system shall be included on the informational guide sign posted at the boundary of the community wayfinding guide signing area. The color coding or pictographs shall apply to a specific, identifiable neighborhood or geographical subarea within the overall area covered by the community wayfinding guide signing. Color coding or pictographs shall not be used to distinguish between different types of destinations that are within the same designated neighborhood or subarea. The color coding shall be accomplished by the use of different colored square or rectangular panels on the face of the informational guide sign, each positioned to the left of the neighborhood or named geographic area to which the color-coding panel applies. The height of the colored square or rectangular panels shall not exceed two times the height of the upper-case letters of the principal legend on the sign.

Option:

16 The different colored square or rectangular panels may include either a black or a white (whichever provides the better contrast with the color of the panel) letter, numeral, or other appropriate designation to identify the destination.

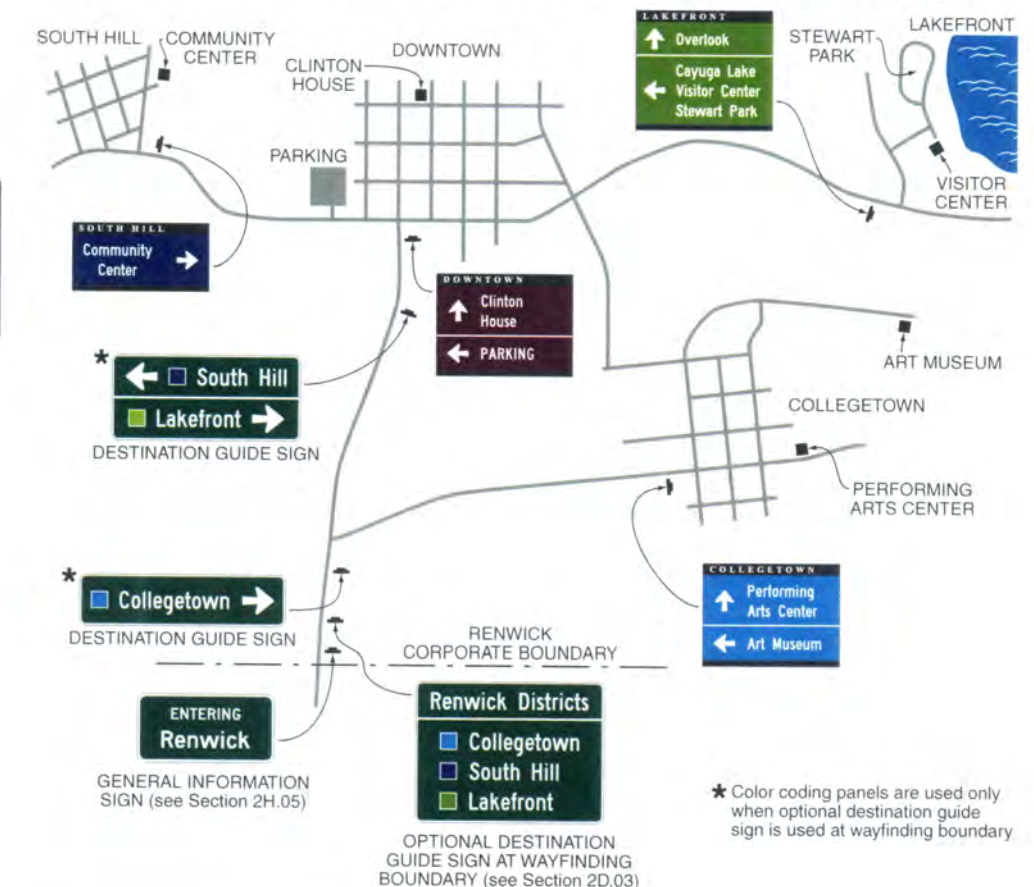
December 2009

Sect. 2D.50

Page 176

2009 Edition

Figure 2D-20. Example of a Color-Coded Community Wayfinding Guide Sign System



17 Except for the informational guide sign posted at the boundary of the wayfinding guide sign area, community wayfinding guide signs may use background colors other than green in order to provide a color identification for the wayfinding destinations by geographical area within the overall wayfinding guide signing system. Color-coded community wayfinding guide signs may be used with or without the boundary informational guide sign displaying corresponding color-coding panels described in Paragraphs 13 through 16. Except as provided in Paragraphs 18 and 19, in addition to the colors that are approved in this Manual for use on official traffic control signs (see Section 2A.10), other background colors may also be used for the color coding of community wayfinding guide signs.

Standard:

18 The standard colors of red, orange, yellow, purple, or the fluorescent versions thereof, fluorescent yellow-green, and fluorescent pink shall not be used as background colors for community wayfinding guide signs, in order to minimize possible confusion with critical, higher-priority regulatory and warning sign color meanings readily understood by road users.

19 The minimum luminance ratio of legend to background for community wayfinding guide signs shall be 3:1.

20 All messages, borders, legends, and backgrounds of community wayfinding guide signs and any identification enhancement markers shall be retroreflective (see Sections 2A.07 and 2A.08).

Sect. 2D.50

December 2009

EXISTING WAYFINDING CONSIDERATIONS

An understanding of the existing considerations and inherent wayfinding needs of the University of Memphis is imperative to any successful implementation of campus wayfinding. Students, visitors, faculty, staff, service and other visitors all are messaged through wayfinding during their arrival and time on campus. Pedestrian, vehicular, building and signage all are opportunities to celebrate their arrival and clearly communicate circulation on campus creating a memorable and endearing experience.





Define of Pedestrian Entries



Celebration of Building & Destinations



Promote Campus Interactions

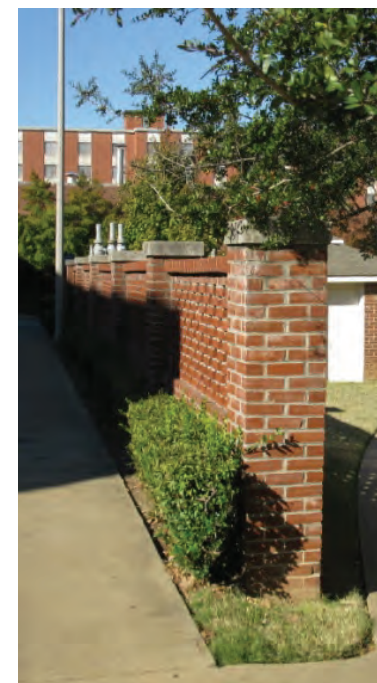


Complement Wayfinding Systems





In addition to signage, many site improvements contribute both consciously and subconsciously to a successful wayfinding experience. The University of Memphis has many fine examples that should be continued as complements to signage wayfinding. Hardscape can increase with intensity and quality near building entries and significant social interaction space. Building entry facades can be used to place wayfinding upon either literally or artfully to emulate their use. Architecture elements such as the campus clock tower can dominant and draw attention to a significant location.



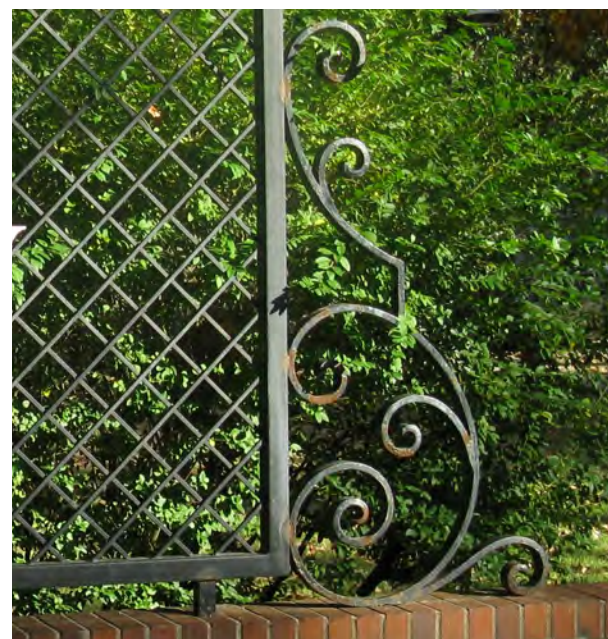
EXISTING SIGN TYPES

Existing Sign Types

A variety of sign types exist on the Main, Park Avenue and Stadium properties. These include old and new gateway signage, minimal directional signage and building identification.

The existing signage is full of inconsistencies. For example, arrows, fonts, colors type size and even sign units themselves vary from location to location. Some of the directional signage is comprised of individual message inserts while others are just one overall sign face limiting flexibility and changeability over time. The University name/logo brand is used in various forms from the older seal version to the current branding standard.

Many signs are grey with white copy, which is often difficult to read due to the lack of color contrast and others are blue with white copy, which present a higher contrast and increased legibility. The only true pathfinders that exist are the paw prints along Central Avenue. And these are difficult to see in heavy traffic and various weather conditions. The lack of signage to and from campuses, parking areas and within the pedestrian portions of the campus leaves a huge void in wayfinding and assumes that everyone is familiar with the University and its adjacent locations.









There is an attempt at unifying many of the buildings through a wall-mounted building identification sign type. However, in many cases not only are these newer signs present, but there are also other signs, which have not been removed or are a part of the architecture located in close proximity adding clutter and confusion making wayfinding more difficult than necessary. A good example of this is the Arts Building where there are three signs located around a single door saying the same thing.

These newer signs are not consistently located on building facades either. Some are on the second story while others are adjacent to the entrance doors. As they are not internally illuminated, many are difficult to view in the evening when ambient lighting is limited or during the day when located in the shade of a large tree.

5 EXISTING SIGN TYPES





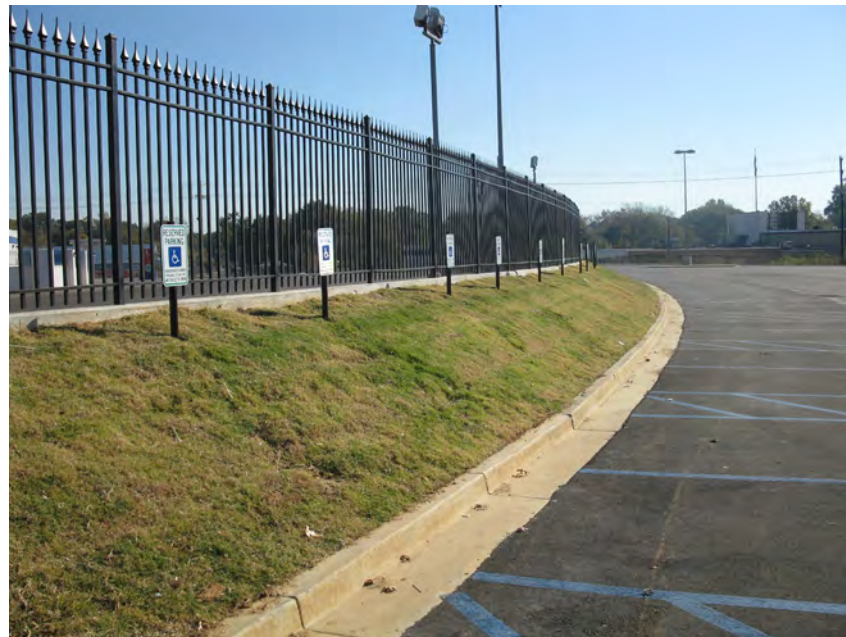
In addition to the wall-mounted building identifiers, there are a variety of freestanding signs that are inconsistent. These add to the clutter and visual confusion on the campus and take away from branding and graphic continuity.

5 EXISTING SIGN TYPES



Parking signage and trail signage are unique to each other and do not carry consistent colors, fonts, poles or mounting heights. Accessible parking signage is not only a visual problem, but it is also a code compliance issue as it is often mounted too low to the ground violating the MUTCD (Manual for Uniform Traffic Control Devices) and the Americans with Disabilities Act.

5 EXISTING SIGN TYPES



Regulatory signage and street signage as with the others lack consistency and miss the opportunity to unify the campus through customized signage elements like painted poles or street blades that had an icon that is reflective of the University's identity

5 EXISTING SIGN TYPES



Trail markers - Commemorative plaques - Street Signs

RECOMMENDATIONS

When making recommendations for wayfinding and landscape relationships on campus, an examination of what is successful on campus and what could use improvement is always helpful. Maintenance and material success is directly related to irrigation, soil medium health, equipment and skill of maintenance staff. Indirectly the success is also the result of the stability and appropriateness of maintenance budgets.

6

SIGNAGE RECOMMENDATIONS







- 1) Landscape protects sign units from:
 - Snow removal
 - Weed whackers
 - Lawnmowers
- 2) Plants add color and create visual interest.
- 3) Hides structural supports/foundations.
- 4) Formalize the the look and placement of signs.

Recommendations for the implementation of landscape in cooperation with Wayfinding have been proposed. These recommendations form a goal for the landscape and wayfinding relationships on campus. Though there may be many opportunities for landscape on campus, this document addresses those that have a direct interface with the wayfinding experience.

6

LANDSCAPE RECOMMENDATIONS

1) Landscape shall complement the following sign types:

- Gateways
- Primary directional
- Building identification at grade

2) Landscape shall be concentrated at building main entries.

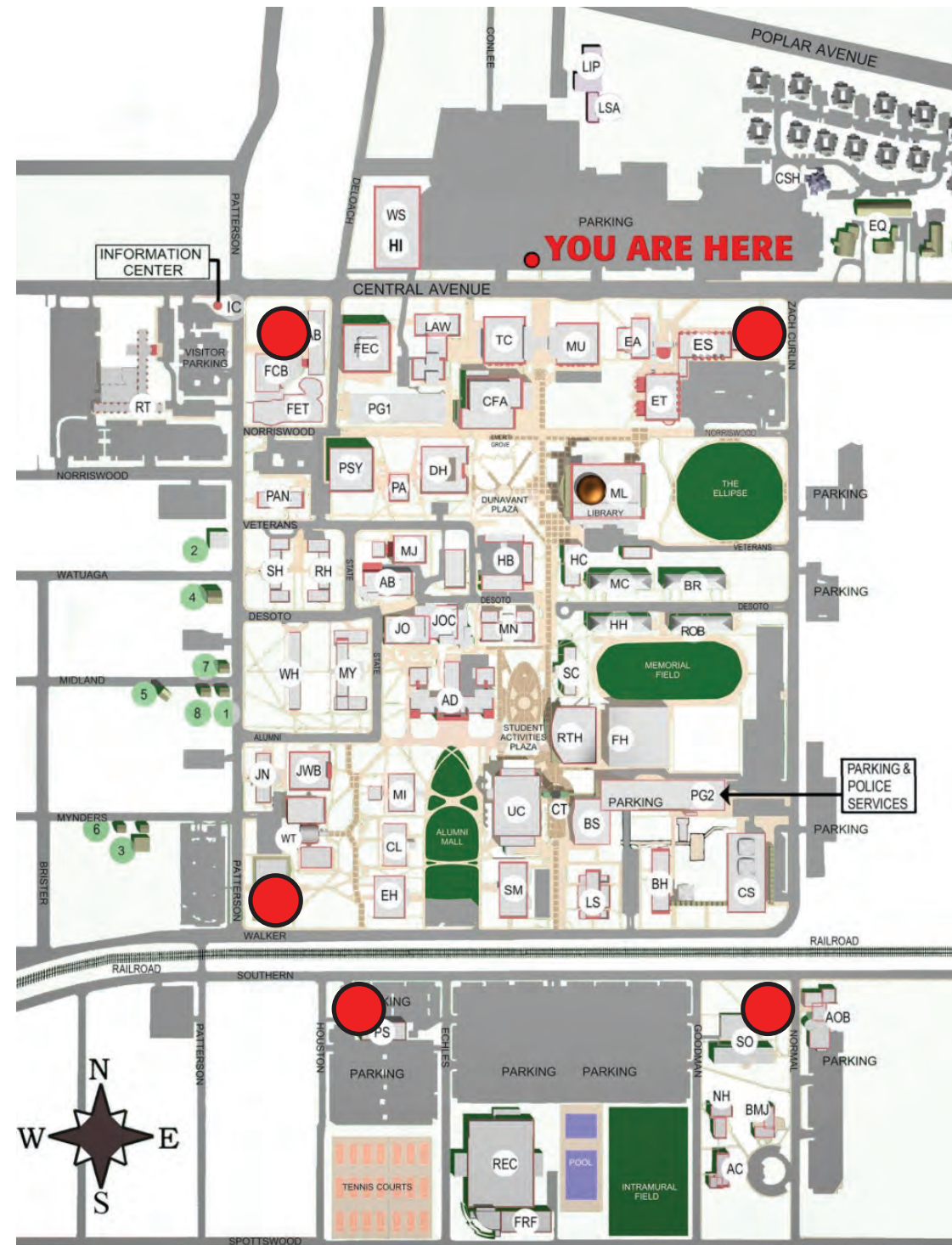
3) Landscape shall define destinations and open space.

4) Landscape shall be used to guide/celebrate pedestrian and vehicular circulation.

5) Landscape shall be used to educate.

Landscape and signage relationships can best be understood by examining a few options for the proposed Primary Campus gateways. This map indicates the possible considerations for the most significant signage that will be used to announce the perimeters of the campus proper to all who visit campus.

An outstanding example of the proper manner in which to address an edge of campus is the proposed Central Avenue improvements. Wayfinding of both pedestrians and vehicles are being addressed by this plan. There is much to benefit from the design principals and materials proposed that can be applied to the other significant primary gateways to campus. Inspiration drawn from campus architectural elements such as the clock tower provide harmony and subsequent comfort to those who enjoy a full campus experience.

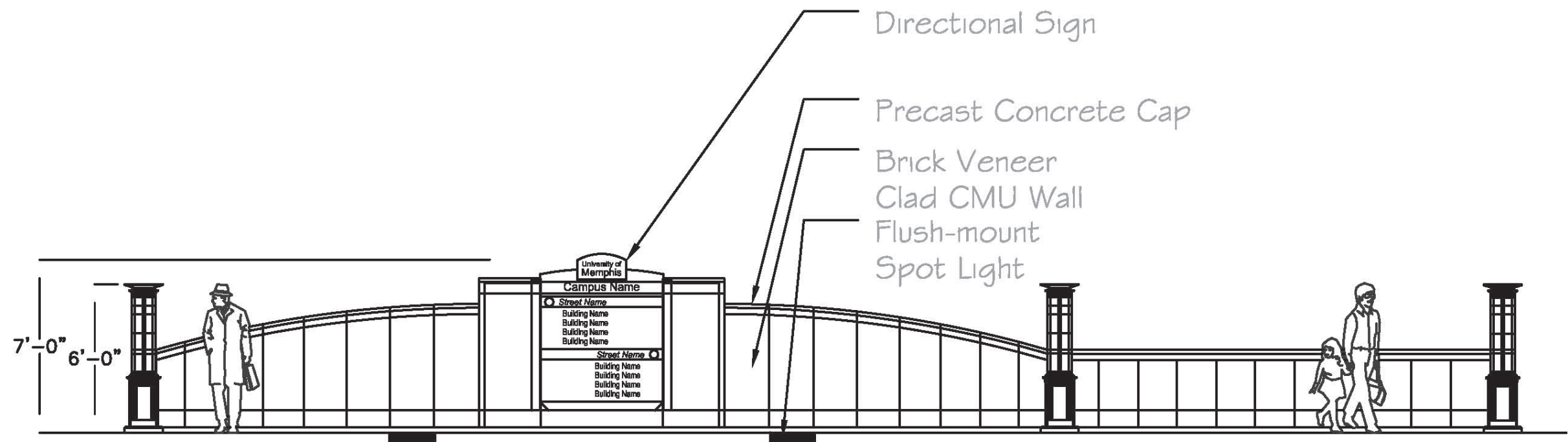


● Primary Gateways

Landscape Recommendations



6 LANDSCAPE RECOMMENDATIONS



Innovation Drive Entry/Directional Sign

Understanding a history of materials and form on campus can provide inspiration for design development of wayfinding signage and landscape relationships. On this signage and landscape campus example the use of charming architect components complement the metal work and warmth of the red brick, a campus building material standard from that era.

6

LANDSCAPE RECOMMENDATIONS



Landscape and hardscape materials can be used to define pedestrian routes and guide vehicular circulation to prevent damage of open space while celebrating building arrival.

6

LANDSCAPE RECOMMENDATIONS



Planters and landscape can be used to celebrate seasonal interest while visually defining the entries to buildings while defining building front doors.

6 LANDSCAPE RECOMMENDATIONS



Landscape detail and subsequent plant material interest should be used to articulate destinations. As appropriate plant materials can be used to educate students and public subsequently in-creasing awareness of the natural environment.

6

LANDSCAPE RECOMMENDATIONS



Fundamental uses for Landscape is the control and direction of both vehicle and pedestrian. Dense hedge materials control pedestrian direction while trees shade pathways from sun for comfort. Additionally, shade trees and hedges can be used to screen undesirable visual experiences to reinforce desired circulation routes.



This landscape option for the primary gateway utilizes a curved wall of red brick and a contemporary (to become timeless) masonry end piers as an expression of the recent clock tower and proposed Central Avenue improvements. This wall may be also placed straight at a 45 degree angle to the appropriate intersection.

This landscape option for the primary gateway utilizes a curved form of metal pickets and a contemporary (to become timeless) masonry end piers as an expression of the recent clock tower and proposed Central Avenue improvements. This form may be also placed straight at a 45 degree angle to the appropriate intersection.

In addition to the landscape and signage gateway, two other signs and proposed to receive landscape as part of the wayfinding expression. These signs represent significant confirmation and decision points during wayfinding and subsequently the rationale for the landscape attention. A framework of landscape that is seasonally interesting should be used mixing a variety of annual and perennial plantings selected from the campus Design Guidelines palette of materials. Signage that will not have a landscape area should be addressed either by placing it or surrounding it with at graded pavement, placing it on a masonry base or circumventing the base of the sign with an edged aggregate 'bed'.



When gateway signage is fully implemented to address all campus announcement locations and both vehicular and pedestrian entries a harmonious environment of unity, quality and care result in a celebration of campus arrival.

6 LANDSCAPE RECOMMENDATIONS



Wayfinding complement intent can range from the very serious and intellectually ethereal to the fun and whimsical. At the campus of the University of Illinois Champaign a sculpture, in the center of the primary north south quadrangle connects earthly inhabitants with the 'stars' through an astrological alignment sculpture. A sculpture of a portable, moonshine still delights passersby of the Art Building — a campus should considered both the serious nature of wayfinding while also having some fun.



In addition to signage, many site improvements contribute both consciously and subconsciously to a successful wayfinding experience. The University of Memphis has many fine examples that should be continued as complements to signage wayfinding. Hardscape can increase with intensity and quality near building entries and significant social interaction space. Building entry facades can be used to place wayfinding upon either literally or artfully to emulate their use. Architecture elements such as the campus clock tower can dominant and draw attention to a significant location.

6

LANDSCAPE RECOMMENDATIONS

- Yellowwood *Cladrastis kentuckia*
- Eastern red cedar *Juniperus virginiana*
- Ginkgo or maidenhair tree *Ginkgo biloba*—male

> **LARGE SHRUBS**
Properly placed, medium or larger shrubs work well as visual screens. These shrubs can be used to accentuate signage plazas, building entries, and other elements of visual interest. They can protect seating areas from winter winds and allow passage of summer breezes. Some of these functional species include:


- Foster holly *Ilex x attenuata* 'Fosteri'
- American holly *Ilex opaca* Ait.
- Nellie Stevens holly *Ilex x 'Nellie R. Stevens'*
- Willow leaf holly *Ilex cornuta* 'willow leaf'
- Star magnolia *Magnolia stellata*
- Saucer magnolia *Magnolia x soulangiana*
- Wax myrtle *Myriacacae Morella cerifera*
- Viburnum species
- Chaste tree *Vitex agnus-castus*
- Purple smoke tree *Cotinus cogggria*
- Witch hazel *Hanamelis virginiana*
- Yaupon holly *Ilex vomitoria*
- Needlepoint holly *Ilex cornuta* 'Needlepoint'
- Pfitzer juniper *Juniperus chinensis* 'Pfitzeriana'

> **MEDIUM SHRUBS**
Use medium shrubs to add scale, shape, texture and color to plantings that provide a screen for floodlights or that help define smaller, more intimate spaces. These species have notable leaf texture and/or flowers.

- Needlepoint holly *Ilex cornuta* 'Needlepoint'
- Carissa holly *Ilex cornuta* 'Carissa'
- Aucuba *Aucuba japonica*
- Selected azalea rhododendron species
- Spirea species

- Rose glow barberry *Berberis thunbergii* var. *atropurpurea*
- Heavenly bamboo *Nandina domestica*
- Cleyera *Cleyera japonica*

> **SMALL SHRUBS**
Low-growing shrubs and ground covers can add interest at the base of buildings and reduce the effects of erosion from building run-off where rain gutters are not used (note that the



guidelines recommend using ground covers for this function; use shrubs as foundation plantings only sparingly). Appropriately selected and placed shrubs and ground covers require little maintenance. The species here are typically used in areas that cannot sustain grass or where grass is not desirable:

- Harbor dwarf Nandina
- Firepower Nandina
- Dwarf yaupon holly *Ilex vomitoria* 'Nana'
- Dwarf crimson pygmy barberry *Berberis thunbergii atropurpurea* 'Crimson Pygmy'
- Helleri holly
- Procumbens juniper
- Blue star juniper
- Sea green juniper

> **GROUND COVERS**

- Variegated liriopie *Liriopie spicata* 'variegata'
- Big blue liriopie *Liriopie spicata* 'Big Blue'
- Pachysandra *Pachysandra terminalis*
- English ivy *Hedera Helix*
- Vinca minor
- Autumn fern
- Mondo grass
- Dwarf mondo grass
- Carolina jasmine

PLANTING LISTS

The University of Memphis—Design Guidelines



Hardscape materials such as walls, fencing, seating, bollards and lighting all should be used to reinforce the wayfinding experience. The current University of Memphis Design Guidelines propose hardscape uses that will equally contribute to a complete wayfinding solution. Often the needs arises to guided movement in a preferred direction of which the subtle and direct use of hardscape elements, in corporation with way-finding will enhance the intent. Several excellent examples of the use of harsdscape in this manner have been implemented on campus.

6

LANDSCAPE RECOMMENDATIONS

The size and location of signage should be determined by individual architects on project-by-project basis. Generally guidelines intended to limit the size and location of signs are not useful in specific situations and tend to underplay the value and visual interest that wayfinding, event, and other signage can contribute. New signs should take their cues for size and location from existing nearby signage—although new signs should not compete with, or confuse, the messages provided by existing signage.

OPEN SPACE

Plazas

Plazas provide areas for the campus community to gather informally outside. Their design should incorporate some of these elements:

- Wider paths leading up to them (to help create a sense of arrival).
- A focal element or signature design feature—such as a clock tower, fountain, sculpture, or specimen planting/s—to contribute to a sense of place.
- A variety of paving materials, together with a mix of paving and plant materials is desirable. The intended use should determine the mix.



- Adequate seating in the form of planter walls or benches, both measuring 15 to 20 inches high and at least 2 feet from circulation routes. Provide space at the ends of seating areas for wheelchairs.
- Seating arranged to encourage conversation.
- Adequate lighting, as identified in the 1997 lighting study.
- A relatively open plan that assures enough outward visibility to provide a sense of security.
- Orientation that takes into account patterns of sun and shade. A plaza should protect users from winter winds and be open to summer breezes.
- Plant materials that provide shade and seasonal interest.



6 **RECOMMENDATIONS**

- Signage must create a “Sense of Place”.
- Gateways reflective of key architectural elements.
- Signage/Landscape relationships enhance the written word.
- Signage must relate to both campuses architecturally.
- Wayfinding is comprised of:
 - Signs
 - Landscaped zones
 - Architectural features
- Pathfinders connect independent campuses and neighborhoods.

CODE CONSIDERATIONS

a. Code considerations

MEMPHIS AND SHELBY COUNTY
UNIFIED DEVELOPMENT SIGNAGE CODE (4.10)

MUTCD Signs

4.10.2 Signs conforming to the Manual of Uniform Traffic Control Devices and bearing no commercial messages shall be exempt from the permit requirements of chapter 4.10

L.E.D. Message Boards

4.10.6.E - The message board elements shall not constitute more than 200 square feet of a sign and will require an electrical permit. Such technology shall be programmed so that the message or image on the sign changes no more often than once every eight seconds

Supplemental Wayfinding Signs

4.10.7.M — Shall not exceed five feet in height or 16 square feet in area, any such sign that is located within 50 feet of the right of way or that is legible from the right of way shall bear no commercial message or be located within 50 feet of property zoned for single-family residential uses.

Pole, Post or Pylon signs

4.10.7.0 — Support poles having a diameter of less than 18 inches shall be constructed with a pole cover or jacket around the support poles. The minimum depth of the pole cover or jacket shall be 12 inches.

Complex Signs

4.10.7.2 The sign may bear no commercial message except the name of a neighborhood, project or complex containing a governmental use or school.

7

CODE CONSIDERATIONS

1) MUTCD Exempt

2) LED Size maximum 200 sf per sign

- 1 x 8 seconds

3) Directional

- 5 ft height maximum
- 16 sf in area

4) ROW within 50 ft

- No commercial messages
- Not located within 50 ft of single family housing

4.10.7.3 Maximum Gross Surface Area: The maximum gross surface area for a complex sign shall not exceed the size shown in the table below.

Street Type	Maximum Gross Surface Area of Sign
Local street (< 60 feet ROW)	30 square feet
Connector street (60-68 feet ROW)	30 square feet
Arterial street (69-160 feet ROW)	50 square feet
Limited access road (> 161 feet)	100 square feet

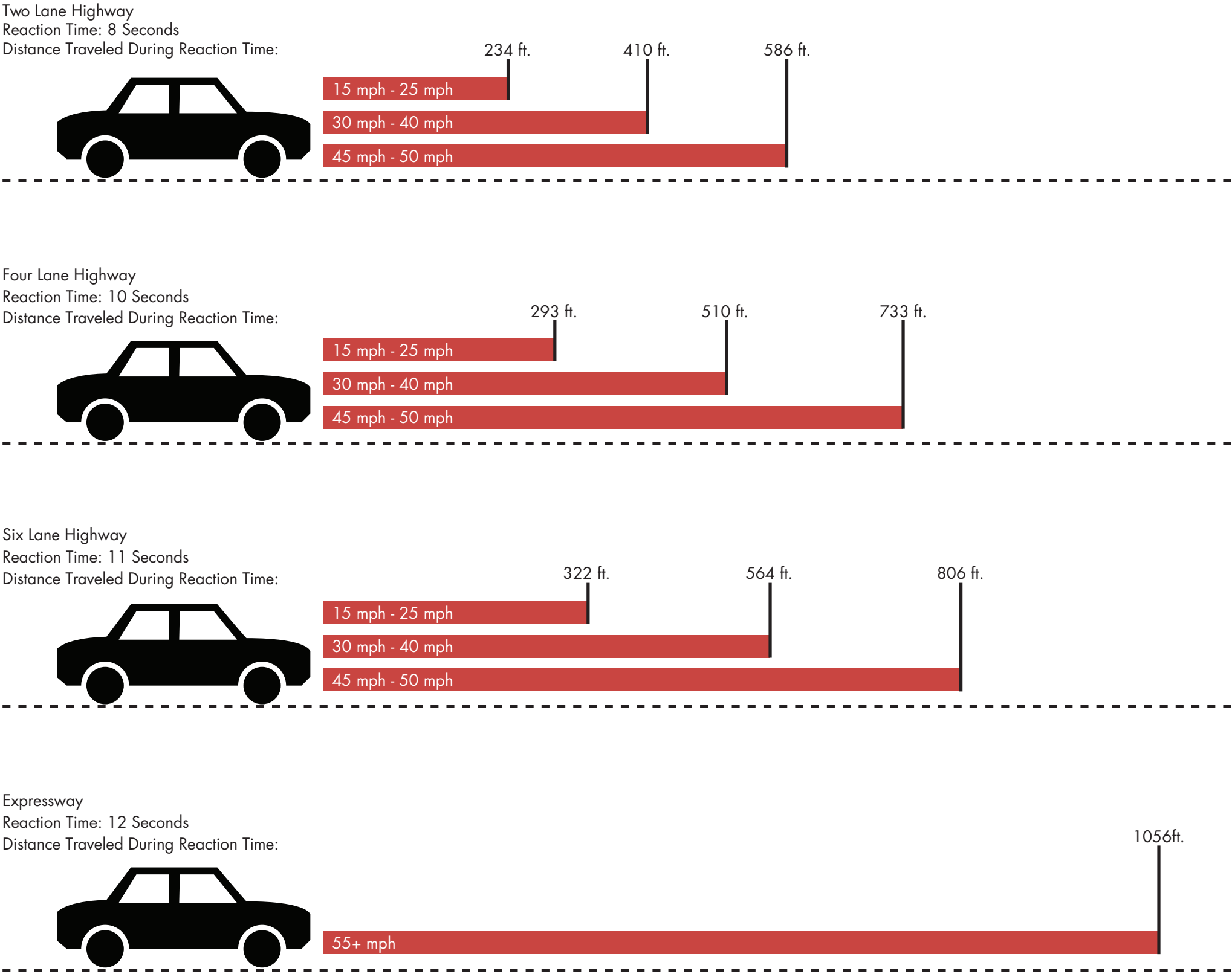
4.10.7.3 Maximum Height: The maximum height of a complex sign shall not exceed the size shown in the table below.

Street Type	Height of Sign
Local street (< 60 feet ROW)	10 feet
Connector street (60-68 feet ROW)	10 feet
Arterial street (69-160 feet ROW)	16 feet
Limited access road (> 161 feet)	24 feet

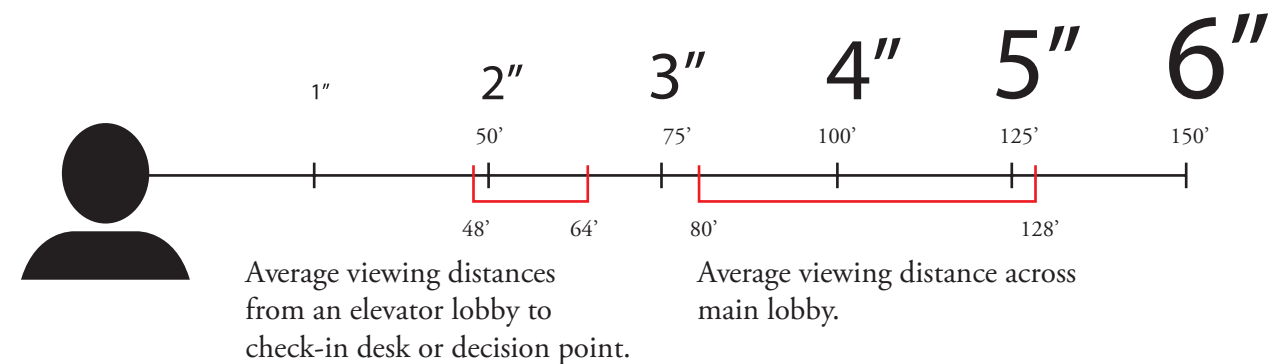
4.10.7.3 Temporary Sign Regulations
Temporary signs shall be either detached or attached signs and shall set back at least 10 feet from the right of way and 15 feet from any other lot line

7

CODE CONSIDERATIONS

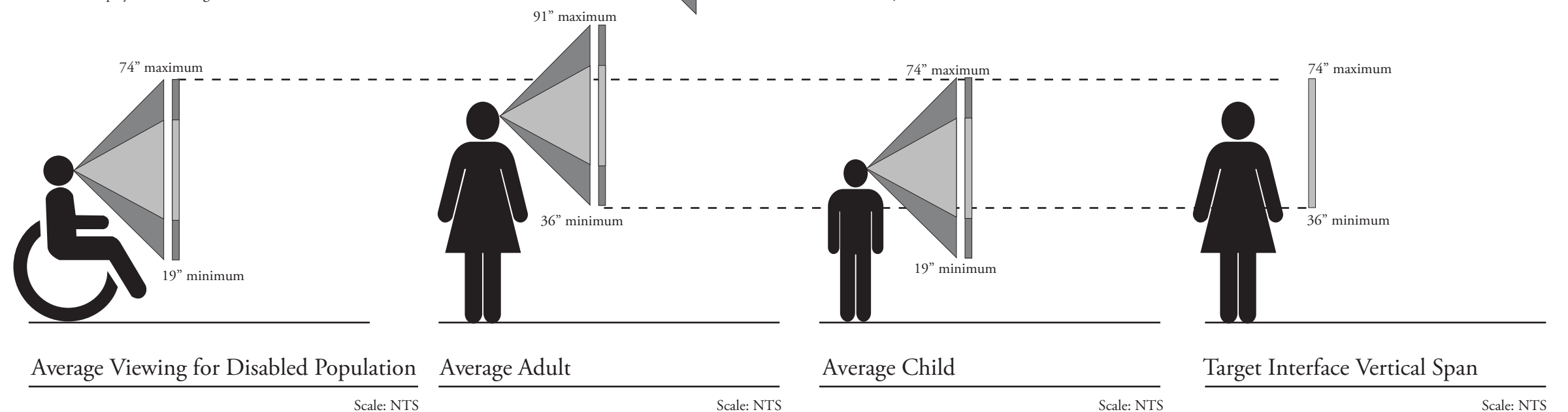


7 CODE CONSIDERATIONS



Average viewing measurements of a person with a handicap, average adult, and an 8 year old.
A standard display has a viewing distance of 28".

45 degrees, fair legibility 30 degrees, good legibility



GRAPHIC CONTENT CRITERIA

THE UNIVERSITY OF
MEMPHIS

LOGOS

STRIPES

PMS 423

PMS 280

PMS 877

PMS WHITE

PMS BLACK

PMS 138

Universal

FONTS

Graphic content criteria

8.0

DESIGN STANDARD

9 DESIGN STANDARD

1) Locate signs to maximize visibility.

2) Locational Considerations:

- Site lines
- Lighting sources
- Rate of speed
- Reaction time

3) Signs Should:

- Label
- Connect destinations
- Direct
- Inform

ENVIRONMENTAL GRAPHIC POLICY

Signs are a means of communicating information to persons using a structure or space. The prime task of a well-planned university signage program is to guide employees, visitors and students efficiently and with a minimum of verbal cues.

The design concept behind the sign system provides for consistent and unified use of typography, color, shape and materials. It also makes the sign system an element of the university's overall standards program.

The signage manual provides standard criteria for implementation of consistent signage throughout the university. Its use ensures that the integrity of the sign system design concepts are maintained after initial implementation of the program. Sign procurement requires almost constant monitoring to provide the most current and helpful information to the public.

When a signage need is identified, a request is initiated by contacting the chairperson of the signage committee or other designated appointee. A signage request form (included in this manual) must be completed and include the following information:

- Message
- Quantity
- Purpose
- Location

The committee will determine if the request is warranted and which sign type is to be used.

Authorized sign requests will be implemented in a systematic manner in accordance with available funds, current or planned construction or renovation projects, and priorities based on the element's importance to the overall signage system.

EXTERIOR SIGNAGE CONSTRUCTION DOCUMENTS

FONTS

SYMBOLS



COLORS / MATERIALS



LOGOS

07. B. CONTRACTOR SHALL APPLY FOR AND OBTAIN ELECTRICAL PERMITS AS REQUIRED PRIOR TO FABRICATION AND INSTALLATION OF SIGN UNITS AND THESE COST SHALL BE A PART OF THE OVERALL BID
08. PAINT / COLORS / MATERIALS SHOWN IN DRAWINGS SHALL BE CONTINUOUS AROUND EDGES AND ALL CONTINUOUS FACES.
09. WHEN DISTURBANCE OF FINISHED SURFACES LANDSCAPE IS REQUIRED FOR THE INSTALLATION OF SIGNS, CONTRACTOR SHALL REPAIR AND RESTORE THE DISRUPTED SURFACE TO ITS ORIGINAL CONDITION.
10. TYPEFACES SHALL NOT BE SUPPLIED TO CONTRACTOR. CONTRACTOR SHALL OBTAIN THE LICENSED EDITION FOR THEIR OWN USE.
11. PAINT 2 M-6392ID JUST BLUE NASON FUL CRYL II ACRYLIC ENAMEL, TO BE CLEAR COATED WITH A SEMIGLOSS FINISH
12. PAINTS 3 WARM GRAY YS317ID PANTONE 1C AND 4 WARM GRAY YS317ID PANTONE 4C TO HAVE A TEXTURE FINISH TO MATCH INDIANA LIMESTONE:
LIMESTONE TEXTURE FINISH - USING FLEXIBLE AGGREGATE BUILDING FINISH
PREPARE ALUMINUM SURFACES AS WITH TRADITIONAL PAINTING.
USING A HOPPER GUN, SPRAY A LATEX BASED AGGREGATE ON THE ALUMINUM SURFACES TO THE DESIRED THICKNESS AND TEXTURE FINISH. ALLOW THE AGGREGATE TO DRY AT LEAST TWO DAYS.
APPLY A MAP ACRYLIC POLYURETHANE PAINT FINISH OVER ENTIRE SURFACE.
13. FABRICATOR IS REQUIRED TO CONSTRUCT A PROTO-TYPE SMALL BUILDING IDENTIFICATION SIGN (SIGN TYPE 8.1) FOR SUBMITTAL, REVIEW, AND APPROVAL BY THE UNIVERSITY. IF ACCEPTED CAN BE USED AS PART OF THIS PHASE OF WORK.

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MATERIALS			SHEET INDEX			DRAWN BY		CHECKED BY		
01. .125" ALUMINUM SIGN CABINET	27. WHITE TRIM CAP	53. TAPCO® FLEXING BANNER BRACKET PART #1782-1	SHEET	SIGN TYPE	DRAWING TITLE	FAS 06-09-11		BJM 06-10-11		
02. 5" X 5" ALUMINUM SIGN POST	28. WHITE CHANNEL LETTER WITH WHITE POLYCARBONATE FACE SEE PAGE 15A FOR DETAILS	54. BANNER POST DIMENSION TBD BY STRUCTURAL ENGINEER				ISSUED FOR / DATE				
03. 1.25" X .5" ALUMINUM TUBE						CONSTRUCTION DOCUMENTS 06-15-11				
04. .062" INCISED POST DETAIL	29. 1/2" ACCENT LINE PAINTED WHITE	55. .5" ALUMINUM ETCHED PLATE WITH SCREENED IMAGE IMAGE AND TEXT BY OTHERS				REVISION NUMBER				
05. .062" BRAKE FORMED ALUMINUM FINIAL	30. 1" WHITE PVC					REVISION		1	04-18-12	
06. .062" BRAKE FORMED ALUMINUM POST ACCENT	31. 3" STEEL SUPPORT TUBE THROUGH ALL INDIVIDUAL CANS PAINTED PMS BLACK	56. 1" TAPCO ALUMINUM TRIMCAP FOR STANDARD DOT SIGNS				REVISION		2	01-31-13	
07. 2" X .125" ROUND ALUMINUM TUBE	32. 6" X 6" X 1/2" STEEL MOUNTING PLATE PAINTED BLACK	57. .125" ALUMINUM STANDARD DOT SIGNS								
08. .5" ALUMINUM MOUNTING BRACKET	33. SCREENED WHITE LOGO 34%	58. 4" X 4" ALUMINUM SIGN POST								
09. 1" X 1" ALUMINUM WELDED FRAME	34. .125" FIBERGLASS PANEL WITH SCREENED HISTORIC IMAGE IMAGE PROVIDED BY UOM	59. .125" PAINTED ALUMINUM SIGN PANEL								
10. BREAKAWAY BASE MOUNTING TBD BY FABRICATOR		60. SCREENED LOGO								
11. CONCRETE FOOTER TBD BY FABRICATOR	35. 1" X 1" REMOVABLE RETAINER TO HOUSE FIBERGLASS PANEL	61. ANGLE MOUNTING BRACKET								
12. 2" MOUNTING POLE DEPTH TBD BY FABRICATOR	36. 8" X 8" ALUMINUM SIGN POST	62. .25" REMOVABLE SIGN PANEL STUD-MOUNT TO BACKER PANEL								
13. ORACAL WHITE REFLECTIVE VINYL	37. 1.75" X .75" ALUMINUM TUBE	63. .080" BREAKFORMED SIGN CABINET								
14. 4" MOUNTING POLE DEPTH TBD BY FABRICATOR	38. 4" X 4" ALUMINUM WELDED FRAME	64. BRIGHT WHITE LED WITH TRANSFORMER ELECTRIC BY OTHERS								
15. 2" X 2" ALUMINUM WELDED FRAME	39. HOLIDAY INN® LOGO TO BE PROVIDED BY HOLIDAY INN®	65. .125" CLEAR POLYCARBONATE								
16. .062" BRAKE FORMED ALUMINUM POST ACCENT	40. AIRCRAFT CABLE WEIGHT TBD BY STRUCTURAL ENGINEER	66. 1" TRIM CAP PAINTED TO MATCH ALUMINUM CABINET								
17. MOUNTING HARDWARE TBD BY FABRICATOR	41. .5" EYELET FOR AIRCRAFT CABLE	67. 16MM DAKTRONICS® GALAXYPRO REVOLUTION FULL COLOR MESSAGE CENTER								
18. EXISTING WALL SURFACE TBD BY FABRICATOR	42. DIGITAL PRINT ATHLETIC LOGO ON WHITE VINYL	68. .5" CUT OUT ALUMINUM LETTERS								
19. .125" INTERNALLY ILLUMINATED ALUMINUM CHANNEL LETTER	43. .25" BRAKEFORMED ALUMINUM	69. STANDARD BRICK UTILIZED THROUGHOUT THE UNIVERSITY								
20. MOUNTING HARDWARE AS REQUIRED PER WALL CONSTRUCTION	44. .125" ETCHED AND FILLED ALUMINUM	70. INDIANA LIMESTONE								
21. GREAT-WHITE SLOAN LED - 2 LED / MODULE QSL269WLMB	45. .125" FIBERGLASS PANEL WITH SCREENED YOU ARE HERE MAP. ARTWORK BY OTHERS	71. 1.5" CUT OUT ALUMINUM LETTERS WITH .5" SPACERS								
22. LOW VOLT ELECTRICAL PASS THRU WALL	46. .125" ALUMINUM SIGN BASE TO MATCH COLOR AND TEXTURE OF INDIANA LIMESTONE	72. 1.5" ETCHED ALUMINUM SEAL								
23. SLOAN LED - 2 LED / MODULE TRANSFORMER	47. 6.5" X 6.5" X .5" STEEL MOUNTING PLATE	73. ETCHED INDIANA LIMESTONE								
24. REMOTE ALUMINUM BOX (7" x 7" x 18") HOUSING A TRANSFORMER WITH AN EXTERIOR TOGGLE SWITCH	48. 2" STEEL TUBE	74. INDIANA LIMESTONE CONCRETE STAIN TO MATCH WARM GRA YS317ID PANTONE 4C								
25. ELECTRICAL PROVIDED BY THE UNIVERSITY OF MEMPHIS	49. 5" X 4.5" .375" STEEL MOUNTING BRACKET	75. .25" ALUMINUM SLEEVE								
26. .25" WHITE POLYCARBONATE FACE WITH PAINTED GRAPHICS	50. 3" OD STEEL WASHER	76. 6" PVC TUBE								
	51. 16OZ BANNER WITH DIGITAL PRINT PRINT BY OTHERS	77. 6" PVC END CAP								
	52. STRAPESE MOUNTING HARDWARE	78. TRANSLUCENT VINYL TO MATCH 2								
</										

10400 SPECIFICATIONS				DRAWN BY		CHECKED BY	
PART 2 – PRODUCTS				FAS 06-09-11		BJM 06-10-11	
				ISSUED FOR / DATE			
				CONSTRUCTION DOCUMENTS		06-15-11	
				REVISION NUMBER			
				REVISION	1	04-18-12	
				REVISION	2	01-31-13	
				DRAWING TITLE			
				GENERAL NOTES			
				NOTES			

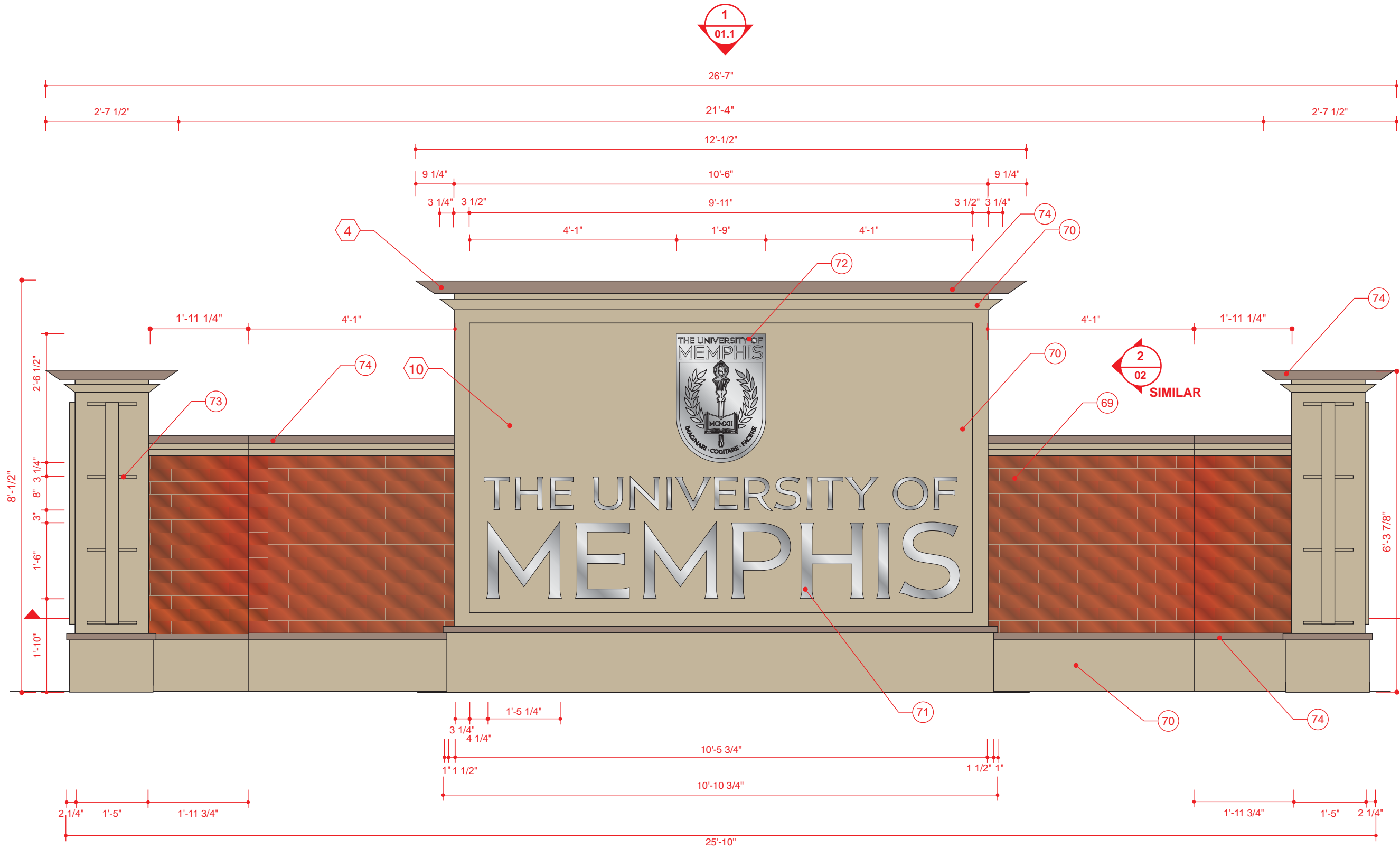
10400 SPECIFICATIONS		DRAWN BY		CHECKED BY	
<div>PART 3 – EXECUTION</div> <div>3.1 EXAMINATION<div>A. Examine existing conditions of the Project, including elements subject to damage or to movement during cutting and patching.</div><div>B. After uncovering work, examine the conditions affecting the installation of products, or performance of the work.</div><div>C. Report unsatisfactory or questionable conditions to the University of Memphis in writing; do not proceed with the work until the University of Memphis has provided further instructions.</div></div> <div>3.2 PREPARATION<div>A. Provide adequate temporary support to assure the structural value and integrity of the affected portion of the work.</div><div>B. Provide devices and methods to protect other portions of the Project from damage.</div><div>C. Provide protection from the elements for that portion of the Project, which may be exposed by cutting and patching work.</div></div> <div>3.3 INSTALLATION<div>A. Install in accordance with manufacturer’s recommendations; attach units rigidly; mount plumb and level.</div><div>B. Take care during installation to assure that signs are not damaged or scratched. Repair or replace signs showing damage, as directed by the University of Memphis.</div><div>C. Installation: Comply with applicable codes and ordinances.</div><div>D. Coating and shop coating and field touch-up of dissimilar metal connecting members, including anchors and clips: alkali-resistant, bituminous paint.</div><div>E. Provide signs and components complete and free from visual and structural or mechanical flaws.</div><div>F. Do not use fabrication or installation materials or procedures that will in any way change the visual quality or have an adverse effect on the existing materials and surfaces on the structure.</div></div> <div>3.4 LETTER SPACING<div>A. Letter spacing: optical and in accordance with example shown.</div><div>B. Letter forms:<div>1. All letter forms shall be so aligned as to maintain a base line parallel to the sign format. Margins shall be maintained as indicated by sign type diagrams.</div><div>2. All edges of letter forms shall be sharp and clean with no edge build-up or bleeding.</div></div></div> <div>3.5 PERFORMANCE<div>A. Execute work so as to interfere as little as possible with functioning and normal operations of the site.</div><div>B. Execute cutting and demolition by methods, which will prevent damage to other work, and will provide proper surfaces to receive installation of repairs. Fabricator shall repair all damaged areas to match the surrounding finishes.</div><div>C. Execute fitting and adjustment of products to provide a finished installation to comply with specified products, functions, tolerances, and finishes.</div><div>D. Restore work which has been cut or removed; install new products to provide completed work in accordance with requirements of Contract Documents.</div><div>E. Refinish entire surfaces to provide an even finish to match adjacent finishes.</div></div> <div>*****</div> <div>END OF SECTION 10 400</div>		FAS 06-09-11		BJM 06-10-11	
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		OWNER			
		UNIVERSITY OF MEMPHIS MEMPHIS, TN 38152			
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		PROJECT NUMBER			
		1009.07			
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		GN		GN-5	
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10440 SPECIFICATIONS				DRAWN BY		CHECKED BY																																																																	
<div>PART 1 - GENERAL</div> <div><div>1.1</div><div>WORK OF THIS SECTION</div><div>A. Specialty signs.</div></div> <div><div>1.2</div><div>QUALITY ASSURANCE</div><div>A. Uniformity of Manufacturer: for each sign form and graphic image process indicated, furnish products of a single manufacturer.</div></div> <div><div>1.3</div><div>SUBMITTALS</div><div>A. Prior to commencement of work, provide shop drawings of all fabricated items.<div><div>1.</div><div>Show dimensions, details of construction, materials, technical data, structural engineering details and installation instructions for each type of sign required.</div></div><div><div>2.</div><div>Show anchorages and accessory items and provide samples.</div></div><div><div>3.</div><div>Furnish location template drawings for items supported or anchored to permanent construction.</div></div></div><div>B. Submit samples and color match samples for each sign type.</div><div>C. Samples: fabricated with colors and finishes as indicated by Designer.<div><div>1.</div><div>Submit prototype samples and color match samples.</div></div><div><div>2.</div><div>For all sign types, submit complete alphabet numerals, punctuation, materials, and graphics for review prior to start of fabrication. If more than one supplier’s cut will be used, submit each cut for review.</div></div></div><div>D. Submit signage schedule with copy and spelling for the University of Memphis’ review.</div><div>E. Submit three sets of Shop Drawing prints.</div><div>F. Submit templates or samples showing letter or word spacing for each letter, for review and approval.</div><div>G. Submit three sets of Signed & Sealed Structural Engineering drawings for all free-standing exterior signs included in the project.</div></div> <div><div>PART 2 - PRODUCTS</div><div><div>2.1</div><div>MANUFACTURERS</div><div>A. Materials, General:<div><div>1.</div><div>Aluminum Sheet: alloy and temper recommended by aluminum producer or finisher for type of use and finish indicated, and not less than the strength and durability properties specified in ASTM B-209 for 5U05-H15.</div></div><div><div>2.</div><div>Aluminum Extrusions: alloy and temper recommended by aluminum producer or finisher for type of use and finish indicated, and not less than the strength and durability properties specified in ASTM B-221 for 6063-T5.</div></div><div><div>3.</div><div>Aluminum Castings: Alloy and temper recommended by aluminum producer or finisher for casting process used and for use and finish indicated.</div></div><div><div>4.</div><div>Stainless Steel Plate, Sheet and Strip: ASTM A-167, AISI Type 302.</div></div><div><div>5.</div><div>Vinyl Film: Opaque reflective vinyl film, 0.0035” minimum thickness, with pressure sensitive adhesive backing, suitable for exterior applications.</div></div><div><div>6.</div><div>Fasteners: use concealed fasteners, unless otherwise indicated, which are fabricated from metals, which are non-corrosive to either sign materials or mounting surface.</div></div><div><div>7.</div><div>Anchors and Inserts: use non-ferrous metal or hot-dipped galvanized anchors and inserts for exterior installations and elsewhere as required for corrosion resistance. Use toothed steel or lead expansion bolt devices for drilled-in-place anchors. Furnish inserts, as required, to be set into concrete or masonry work.</div></div></div></div></div> <div><div>2.2</div><div>FABRICATION OF PANEL SIGNS</div><div>A. General:<div><div>1.</div><div>Fabricate panel signs to comply with requirements indicated for materials, thick nesses, finishes, colors, designs, shapes, sizes and details of construction.</div></div><div><div>2.</div><div>Produce smooth, even, level sign panel surfaces, constructed to remain flat under installed conditions within a tolerance of plus or minus 1/16” measured diagonally from corner to corner.</div></div><div><div>3.</div><div>Unframed Panel Signs: Fabricate unframed panel signs with edges mechanically and smoothly finished to conform with the following requirements:<div><div>a.</div><div>Edge Condition: square cut</div></div><div><div>b.</div><div>Corner Condition: square</div></div></div></div><div><div>4.</div><div>Framed Panel Signs: fabricate frames to profile indicated; comply with requirements below for materials and corner conditions.<div><div>a.</div><div>Material: aluminum, extruded</div></div><div><div>b.</div><div>Corner Condition: square or angled as indicated in drawings</div></div></div></div><div><div>5.</div><div>Lubricate brackets and fittings for bracket-mounted signs from extruded aluminum to suit sign panel construction and mounting conditions indicated. Factory paint brackets in color matching background color of sign panel, unless otherwise indicated.</div></div><div><div>6.</div><div>Graphic Content and Style: provide sign copy to comply with requirements indicated for sizes, styles, spacings, content, positions, materials, finishes and colors or letters, numbers, symbols and other graphic devices.</div></div><div><div>7.</div><div>Applied Copy: die-cut copy characters from vinyl film with pressure-sensitive adhe sive backing; apply copy to exposed face of sign panel.</div></div></div></div> <div><div>2.4</div><div>FINISHES</div><div>A. General:<div><div>1.</div><div>Colors and Surface Textures: For exposed sign materials which require selection of materials with integral or applied colors, surface textures or other characteristics related to appearance, provide color matches indicated, or if not otherwise indicated, as selected by the University of Memphis from manufacturer’s standards.</div></div><div><div>2.</div><div>Metal Finishes: Comply with NAAMM “Metal Finishes Manual” for finish designations and application recommendations.</div></div><div><div>3.</div><div>Aluminum Finishes:<div><div>a.</div><div>Class II Clear Anodized Fine Satin Finish: AS-M31C21A31 (fine satin mechani cal finish; chemical etch, fine matte; 0.4 mil minimum thick anodic coating).</div></div></div></div></div></div> <div><div>PART 3 - EXECUTION</div><div><div>3.1</div><div>INSTALLATION</div><div>A. General:<div><div>1.</div><div>Locate sign units and accessories where shown or scheduled, using mounting methods of type described and in compliance with manufacturer’s instructions, unless otherwise indicated.</div></div></div><div>B. Install sign units level, plumb and at height indicated, with sign surfaces free from distortion or other defects of appearance.</div><div>C. Submit installation schedules to the University of Memphis. The University of Memphis will review with the University’s representative and edit the schedule, as needed.</div></div><div><div>3.2</div><div>CLEANING AND PROTECTION</div><div>A. At completion of installation, clean soiled sign surfaces in accordance with manufacturer’s instructions. Protect units from damage until acceptance by the University of Memphis.</div></div><div>***** END OF SECTION 10440</div></div> <tr><td colspan="2">FAS 06-09-11</td><td colspan="2">BJM 06-10-11</td></tr> <tr><td colspan="4">ISSUED FOR / DATE</td></tr> <tr><td colspan="2">CONSTRUCTION DOCUMENTS</td><td colspan="2">06-15-11</td></tr> <tr><td colspan="4">REVISION NUMBER</td></tr> <tr><td>REVISION</td><td>1</td><td colspan="2">04-18-12</td></tr> <tr><td>REVISION</td><td>2</td><td colspan="2">01-31-13</td></tr> <tr><td colspan="4">DRAWING TITLE</td></tr> <tr><td colspan="4">GENERAL NOTES</td></tr> <tr><td colspan="4">NOTES</td></tr> <tr><td colspan="4">OWNER</td></tr> <tr><td colspan="4">UNIVERSITY OF MEMPHIS MEMPHIS, TN 38152</td></tr> <tr><td colspan="4">APPROVAL / DATE</td></tr> <tr><td colspan="4">PROJECT NUMBER</td></tr> <tr><td colspan="4">1009.07</td></tr> <tr><td colspan="2">SIGN TYPE</td><td colspan="2">SHEET NO.</td></tr> <tr><td colspan="2">GN</td><td colspan="2">GN-6</td></tr> <tr><td colspan="4">COPYRIGHT © KMA DESIGN</td></tr>				FAS 06-09-11		BJM 06-10-11		ISSUED FOR / DATE				CONSTRUCTION DOCUMENTS		06-15-11		REVISION NUMBER				REVISION	1	04-18-12		REVISION	2	01-31-13		DRAWING TITLE				GENERAL NOTES				NOTES				OWNER				UNIVERSITY OF MEMPHIS MEMPHIS, TN 38152				APPROVAL / DATE				PROJECT NUMBER				1009.07				SIGN TYPE		SHEET NO.		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<div>1</div> ORACAL WHITE REFLECTIVE VINYL				REVISION NUMBER REVISION 1 04-18-12 REVISION 2 01-31-13	
<div></div>		USES: SIGN CABINET MOUNTING BRACKETS		DRAWING TITLE GENERAL NOTES	
<div>2</div> PAINT M-6392ID JUST BLUE NASON FUL CRYL II ACRYLIC ENAMEL, TO BE CLEAR COATED WITH A SEMIGLOSS FINISH				NOTES	
<div></div>		USES: POSTS UPPER SECONDARY FINIAL ACCENT PIECE CHANNEL DETAIL SIGN BASE			
<div>3</div> PAINT WARM GRAY YS317ID PANTONE 1C TO HAVE A TEXTURE FINISH TO MATCH INDIANA LIMESTONE					
<div></div>		USES: UPPER FINIAL CAP LOWER SIGN BASE ACCENT PIECE		OWNER UNIVERSITY OF MEMPHIS MEMPHIS, TN 38152	
<div>4</div> PAINTWARM GRAY YS317ID PANTONE 4C TO HAVE A TEXTURE FINISH TO MATCH INDIANA LIMESTONE				APPROVAL / DATE - - -	
				PROJECT NUMBER 1009.07	
				SIGN TYPE GN	
				SHEET NO. GN-7	
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ITEMIZED CHANGE ORDER 1			DRAWN BY		CHECKED BY																																																																																											
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REVISION		01-31-13	
DRAWING TITLE			
GATEWAY MAIN ENTRANCE			
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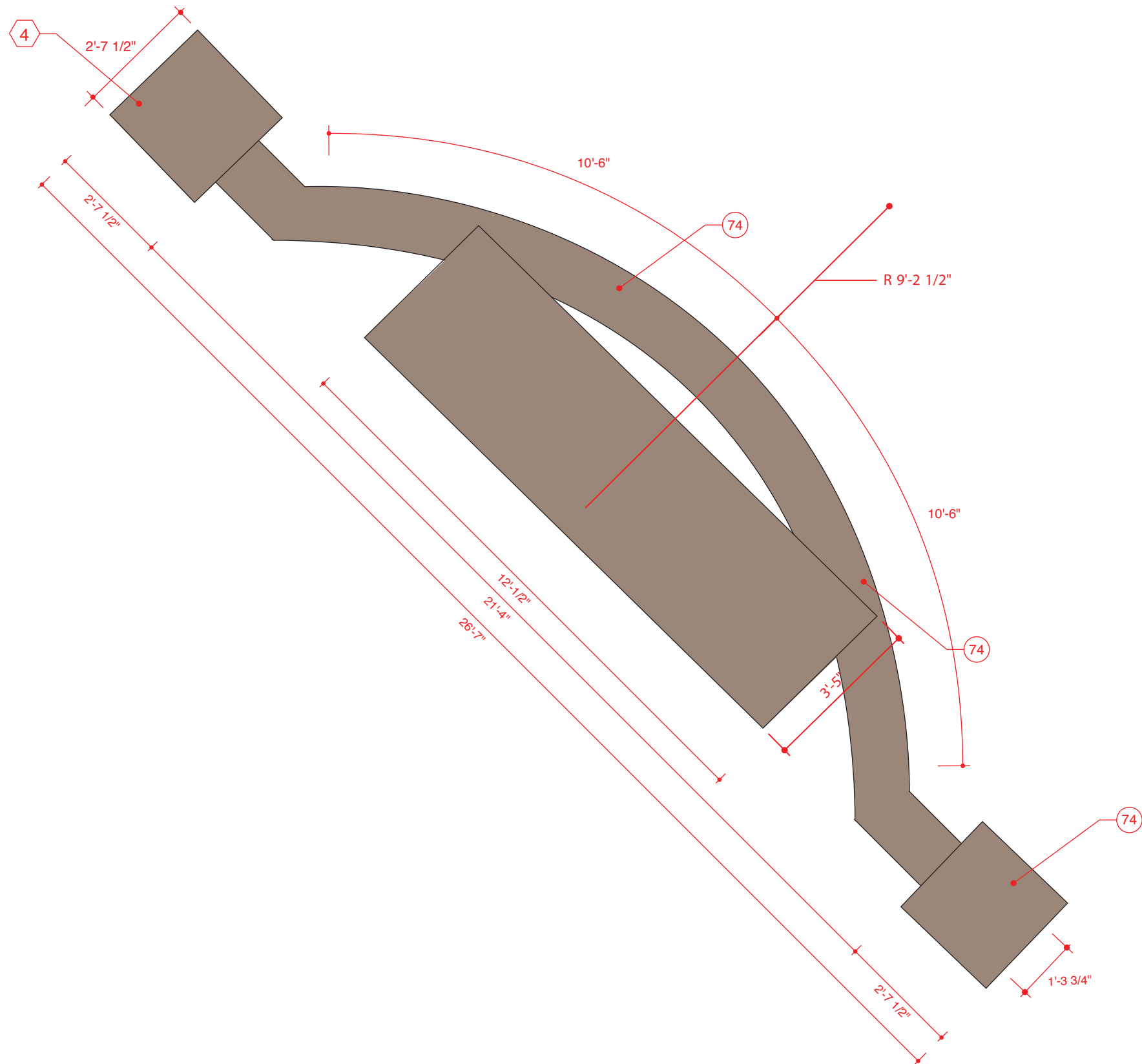
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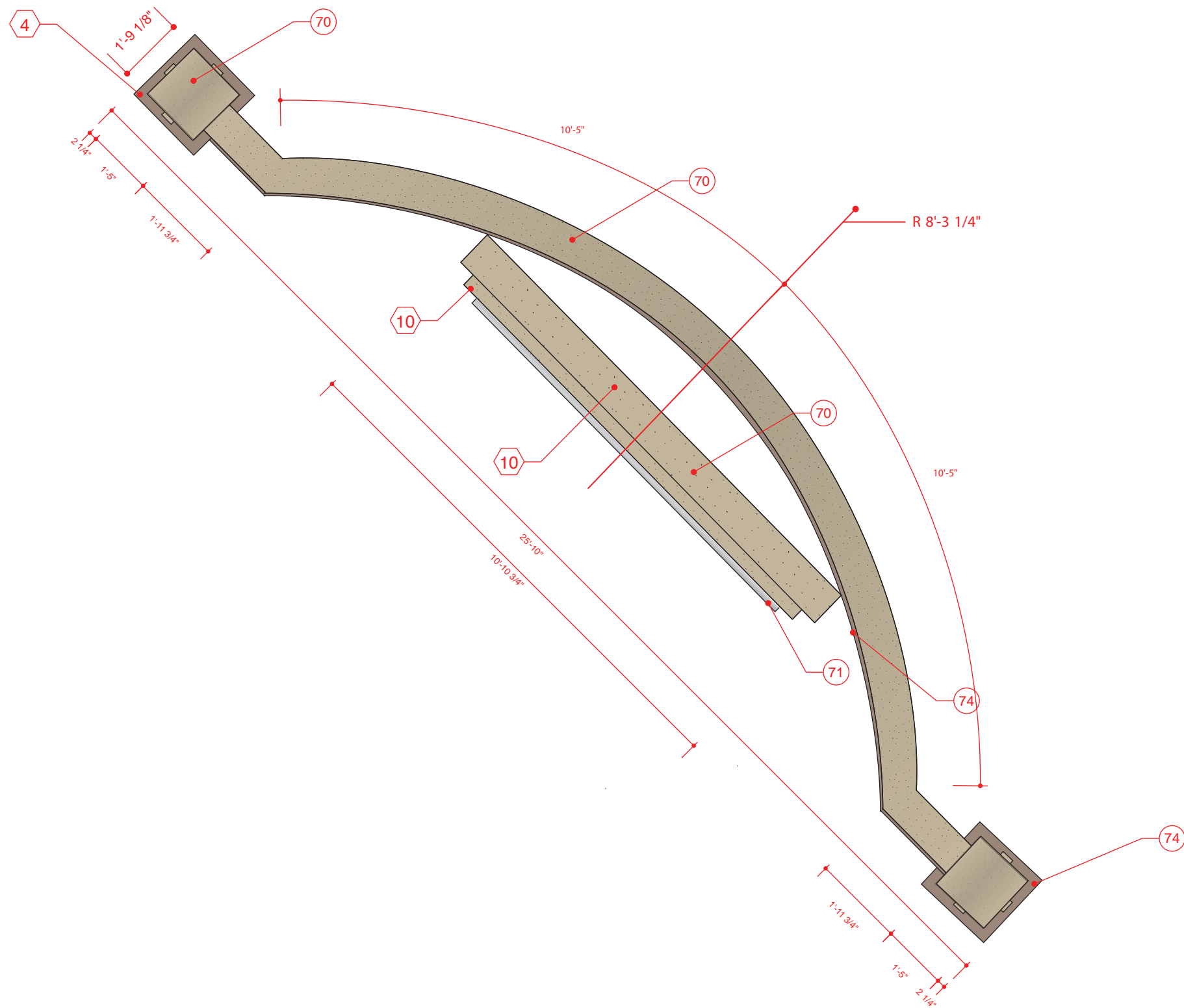
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GATEWAY MAIN ENTRANCE			
NOTES			



1 GATEWAY MAIN ENTRANCE
DAY ELEVATION

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SCALE: 3/8" = 1' 0"

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REVISION	2	01-31-13	
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1 GATEWAY MAIN ENTRANCE
NIGHT ELEVATION

301 EAST MAIN STREET - CARNEGIE, PA 15106

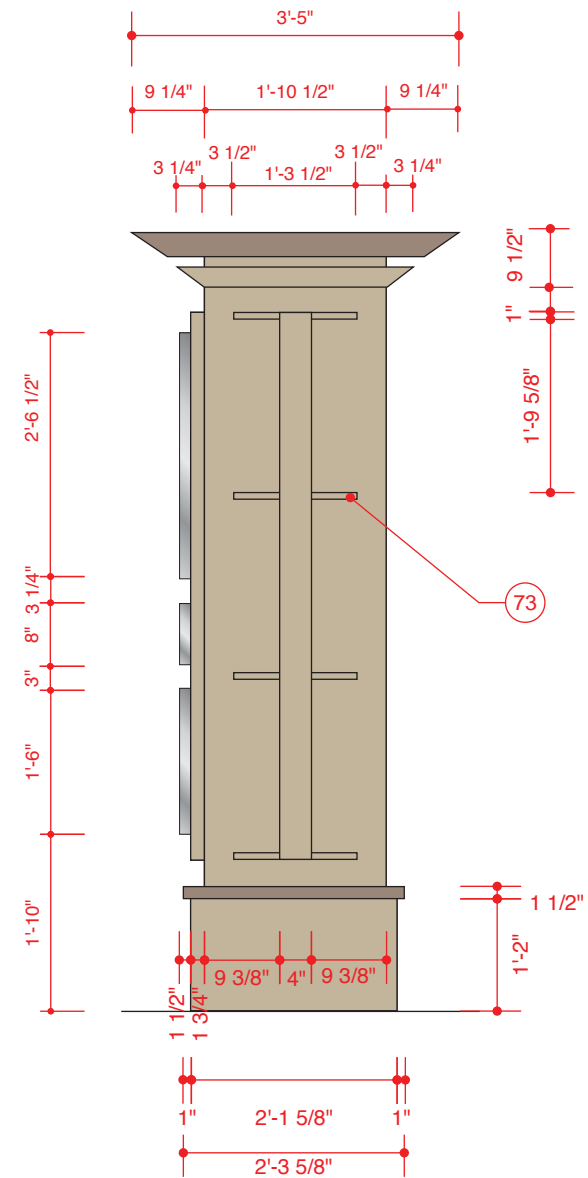
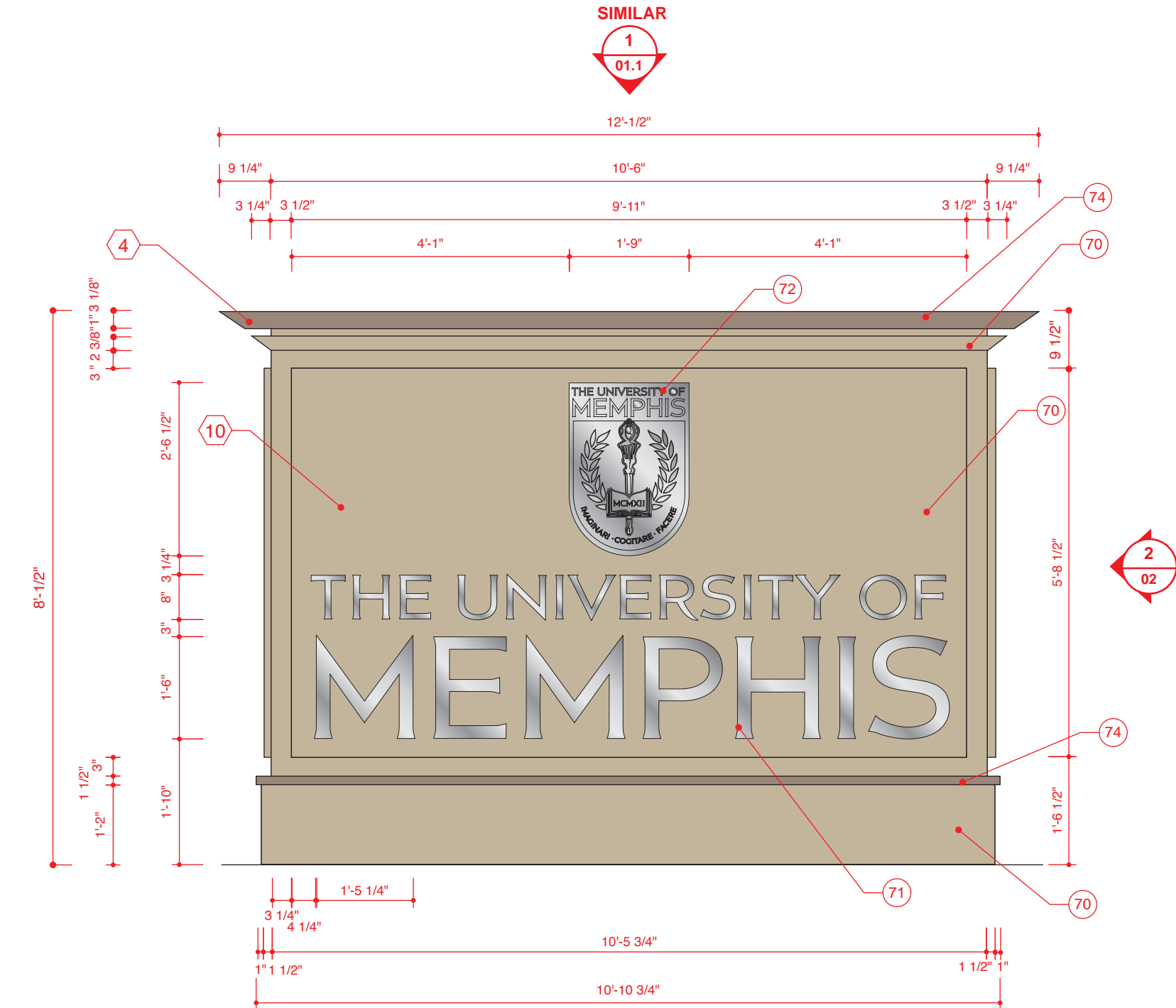
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SCALE: 3/8" = 1' 0"

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REVISION	2	01-31-13	
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GATEWAY MAIN ENTRANCE			
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1 GATEWAY SECONDARY ENTRANCE
ELEVATION

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SCALE: 1/2" = 1' 0"

2 GATEWAY SECONDARY ENTRANCE
END VIEW

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SCALE: 1 1/2" = 1'-0"

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DRAWING TITLE

GATEWAY SECONDARY ENTRANCE

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OWNER

UNIVERSITY OF MEMPHIS
MEMPHIS, TN 38152

APPROVAL / DATE

PROJECT NUMBER

1009.07

SIGN TYPE

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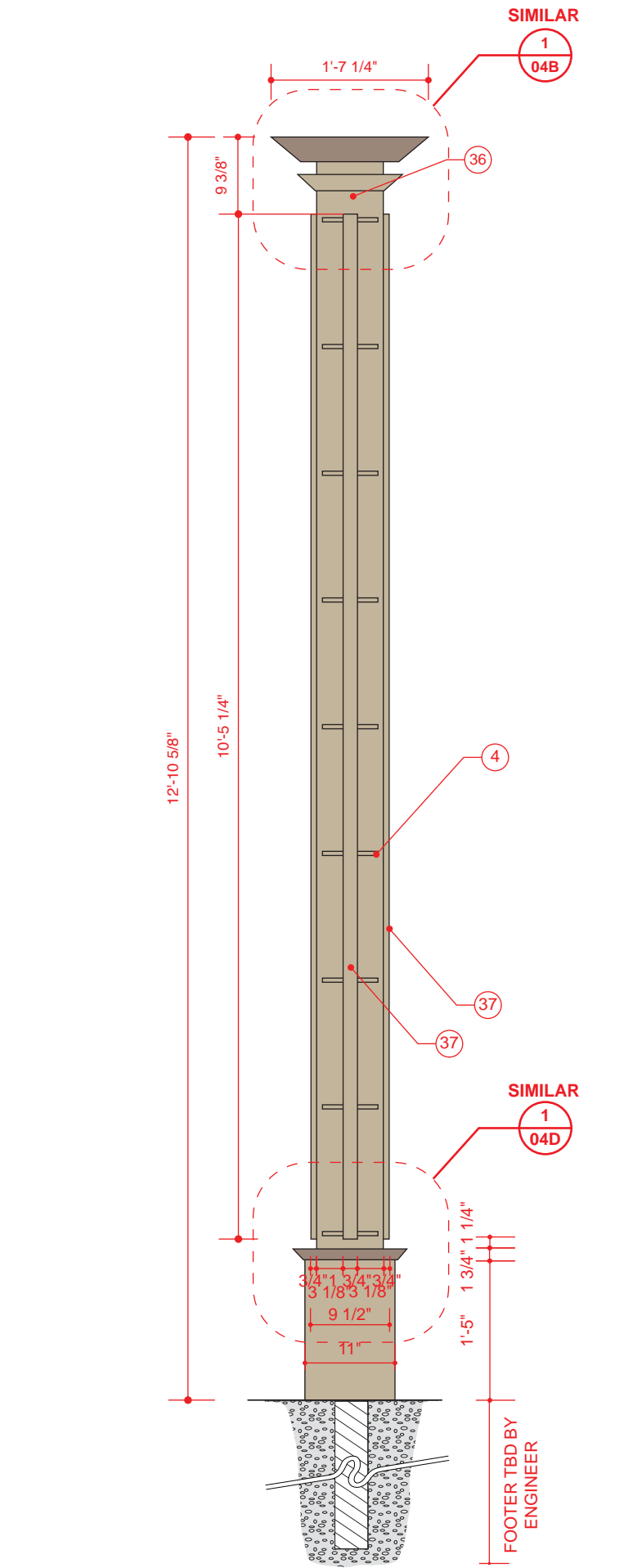
02

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1 LED INFORMATIONAL LARGE
ELEVATION

SCALE: 5/8" = 1' 0"



2 LED INFORMATIONAL LARGE
END VIEW



SCALE: 5/8" = 1'-0"

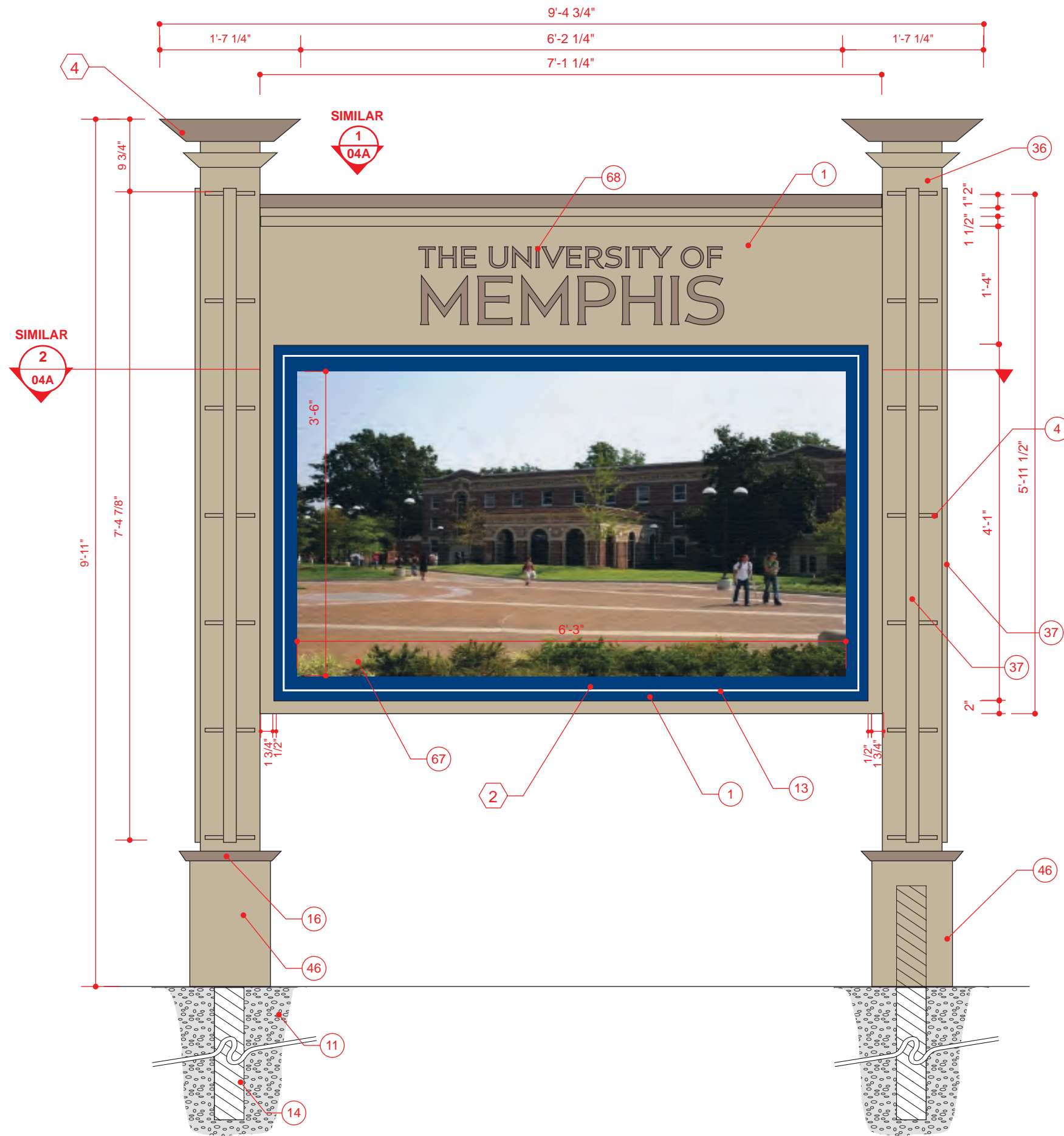
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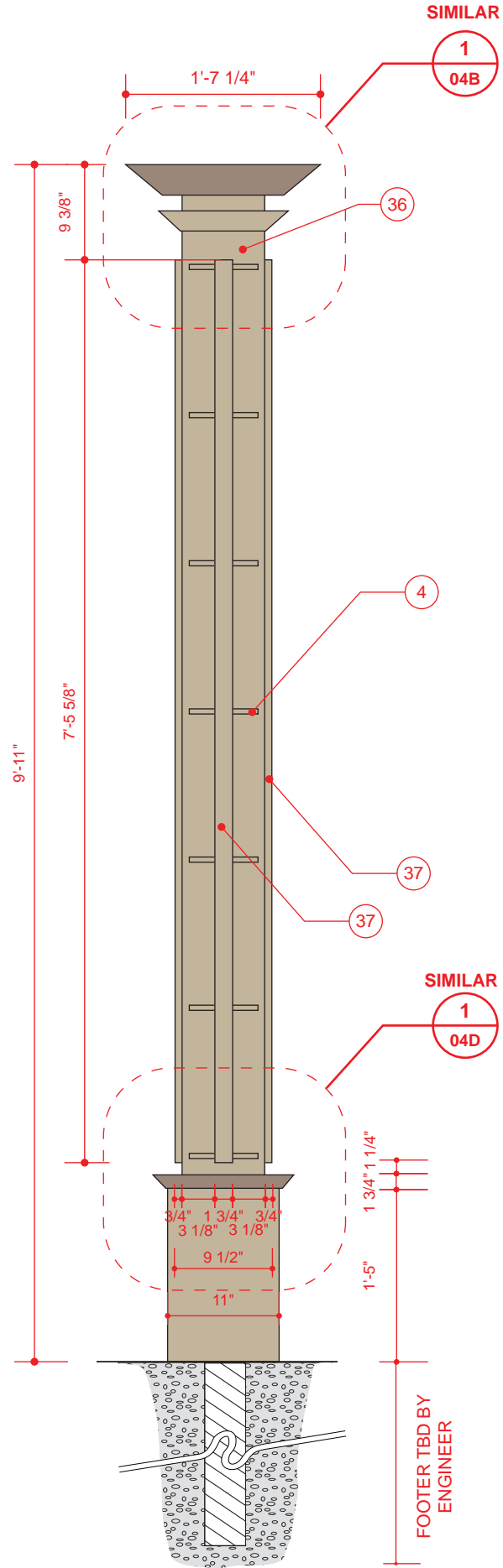


1 LED INFORMATIONAL SMALL
ELEVATION

SCALE: 3/4" = 1' 0"

2 LED INFORMATIONAL SMALL
END VIEW

SCALE: 3/4" = 1' 0"



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ENGINEER

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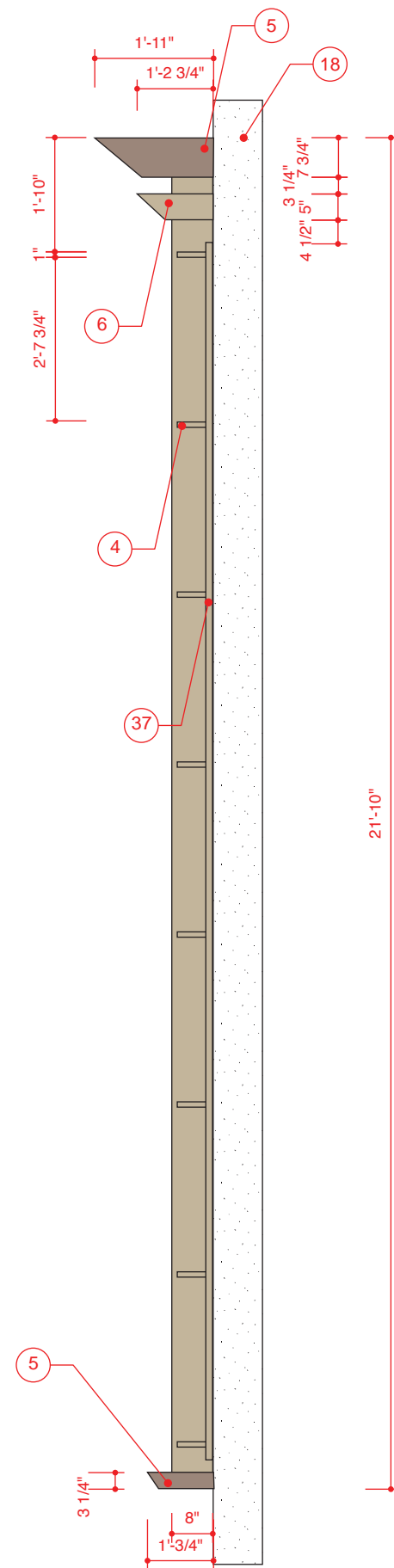
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REVISION	1	04-18-12	
REVISION	2	01-31-13	
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LED INFORMATIONAL SMALL			
NOTES			



1 LED INFORMATIONAL WALL MOUNT
ELEVATION

SCALE: 3/8" = 1' 0"



2 LED INFORMATIONAL WALL MOUNT
END VIEW

SCALE: 3/8" = 1' 0"

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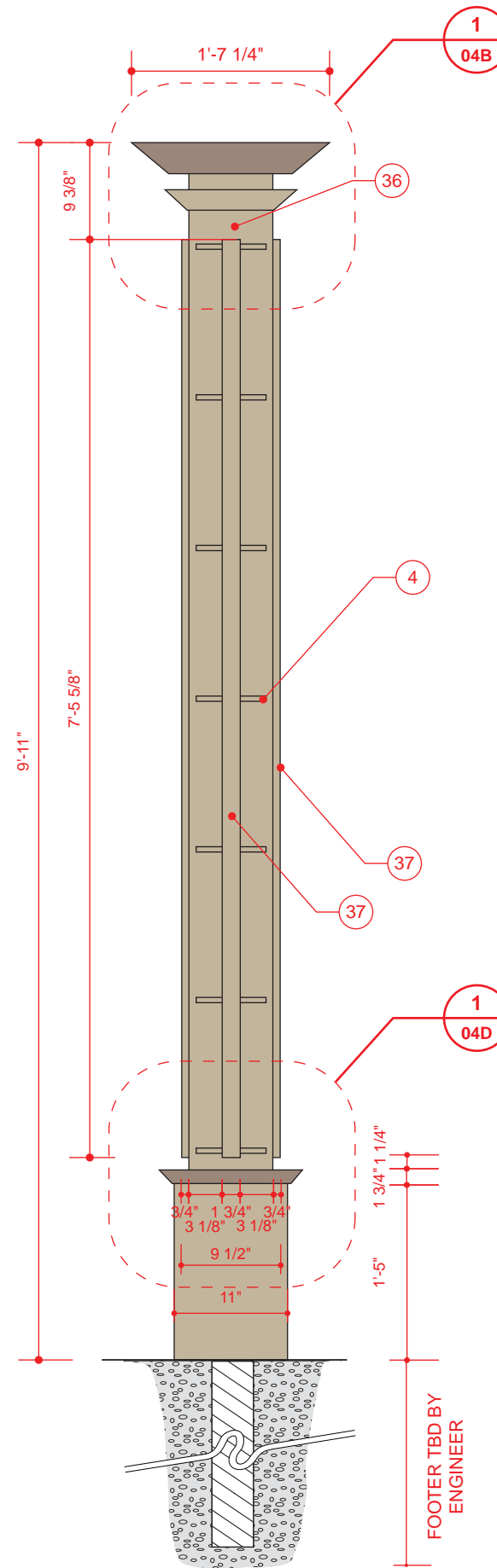


1 VEHICULAR DIRECTIONAL - LARGE
ELEVATION



SCALE: 3/4" = 1'-0"

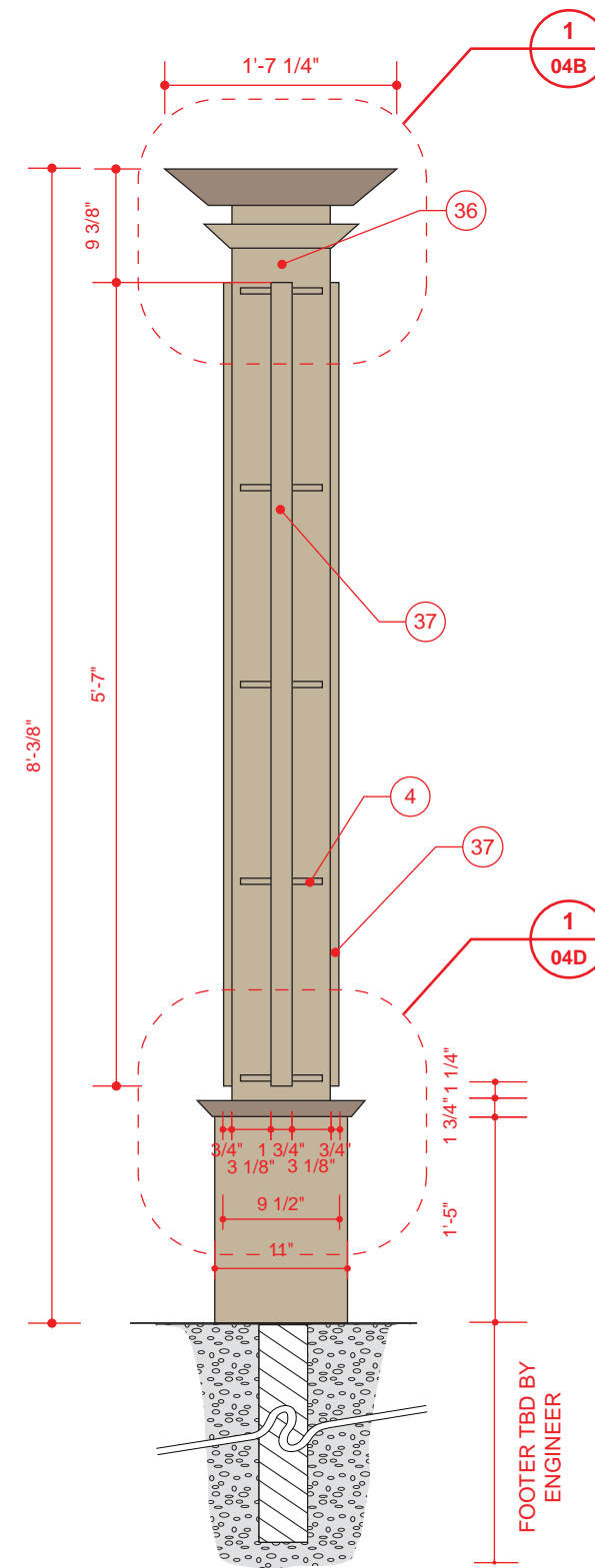
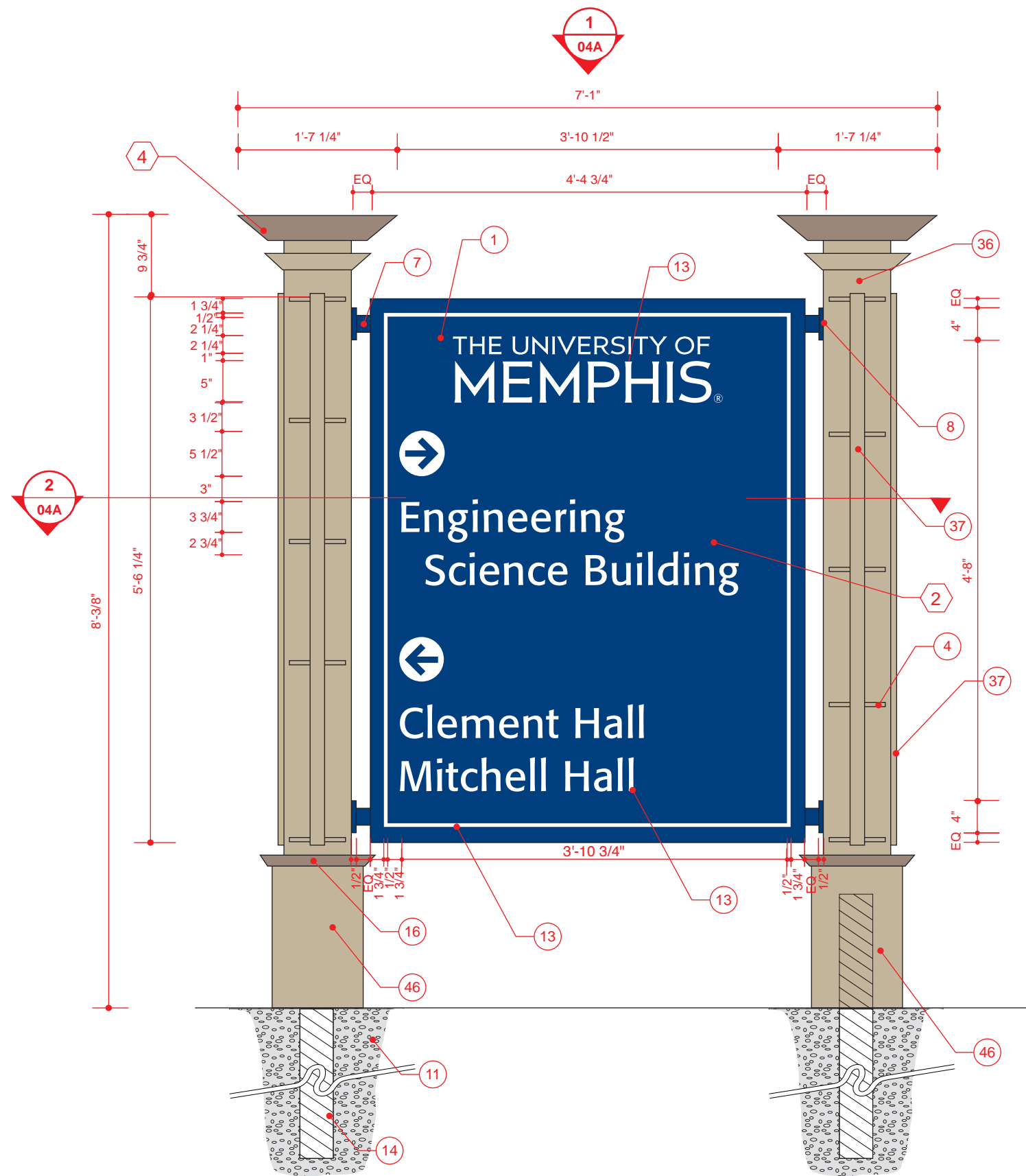
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END VIEW

SCALE: 3/4" = 1'-0"



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DRAWING TITLE			
VEHICULAR DIRECTIONAL LARGE			
NOTES			



1 VEHICULAR DIRECTIONAL - SMALL
ELEVATION

2 VEHICULAR DIRECTIONAL - SMALL
END VIEW

SCALE: 3/4" = 1' 0"

SCALE: 3/4" = 1'-0"

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DRAWING TITLE

VEHICULAR DIRECTIONAL SMALL

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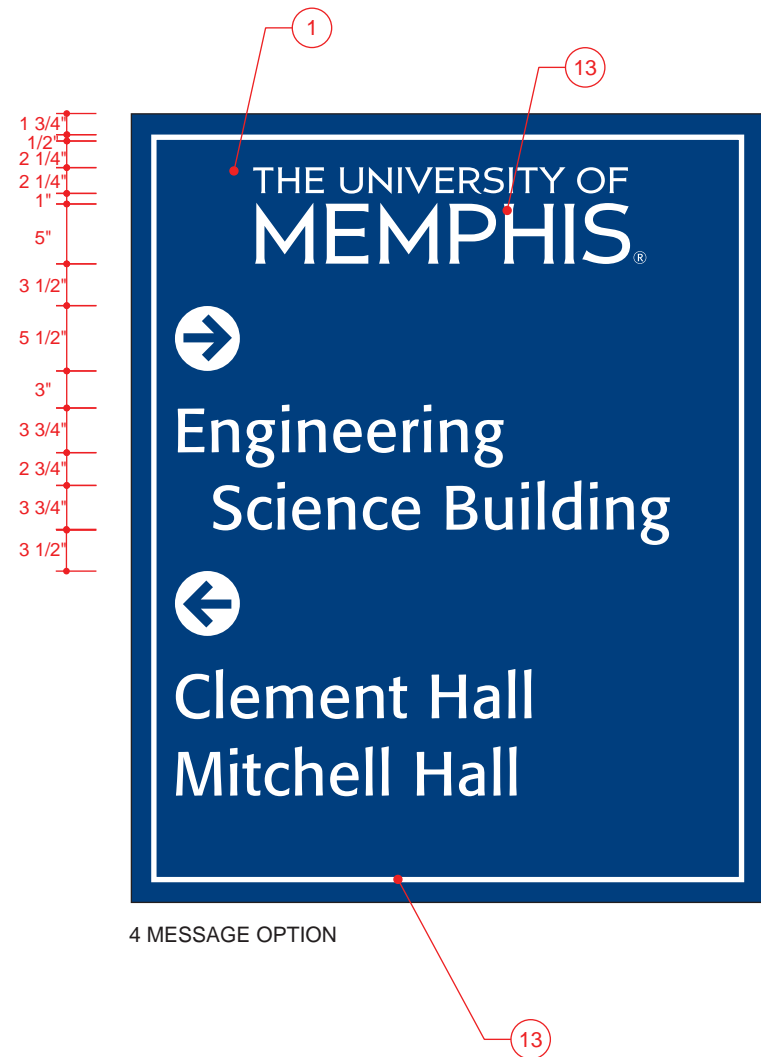
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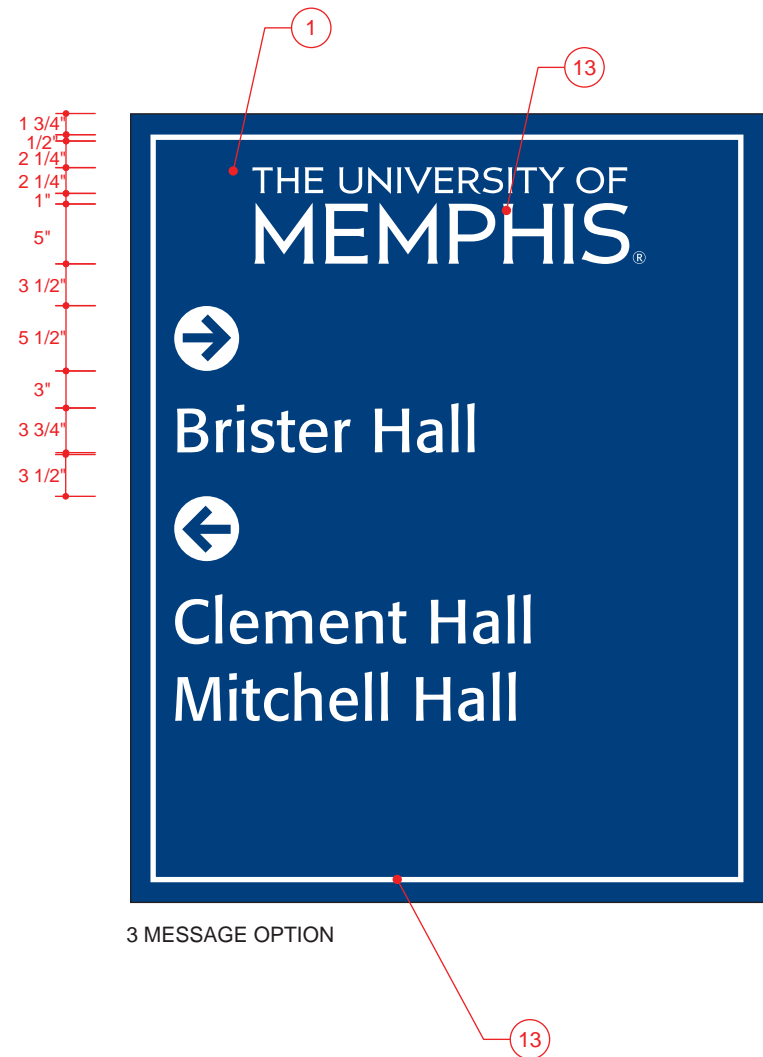
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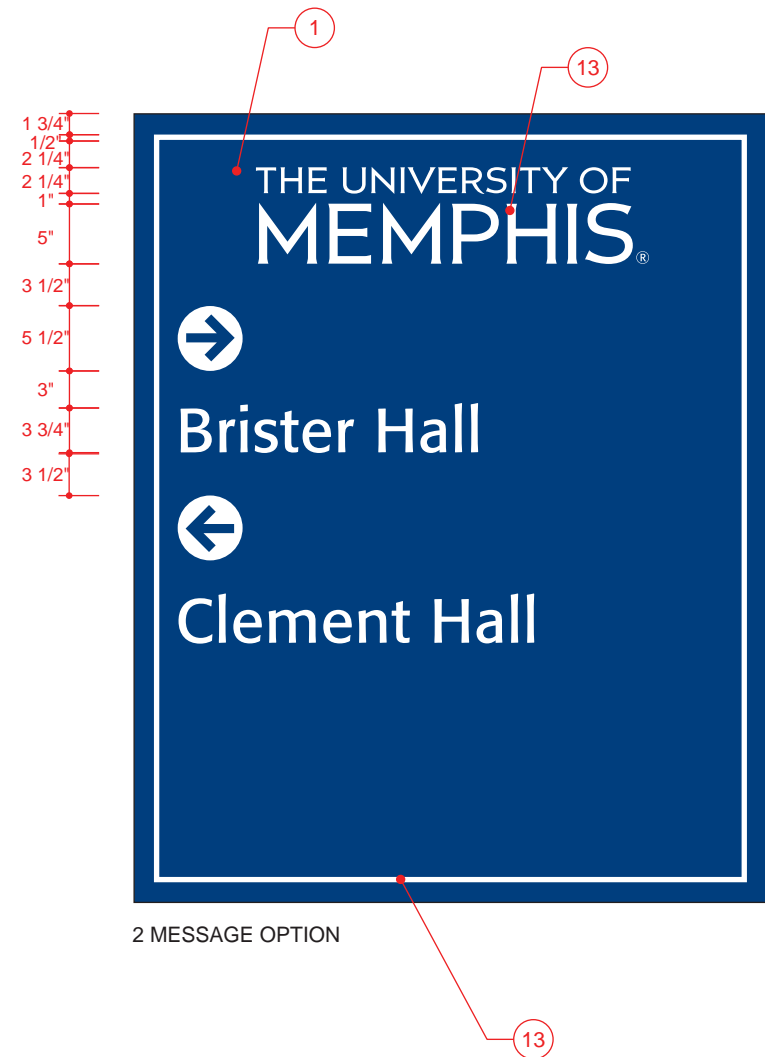
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4 MESSAGE OPTION



3 MESSAGE OPTION



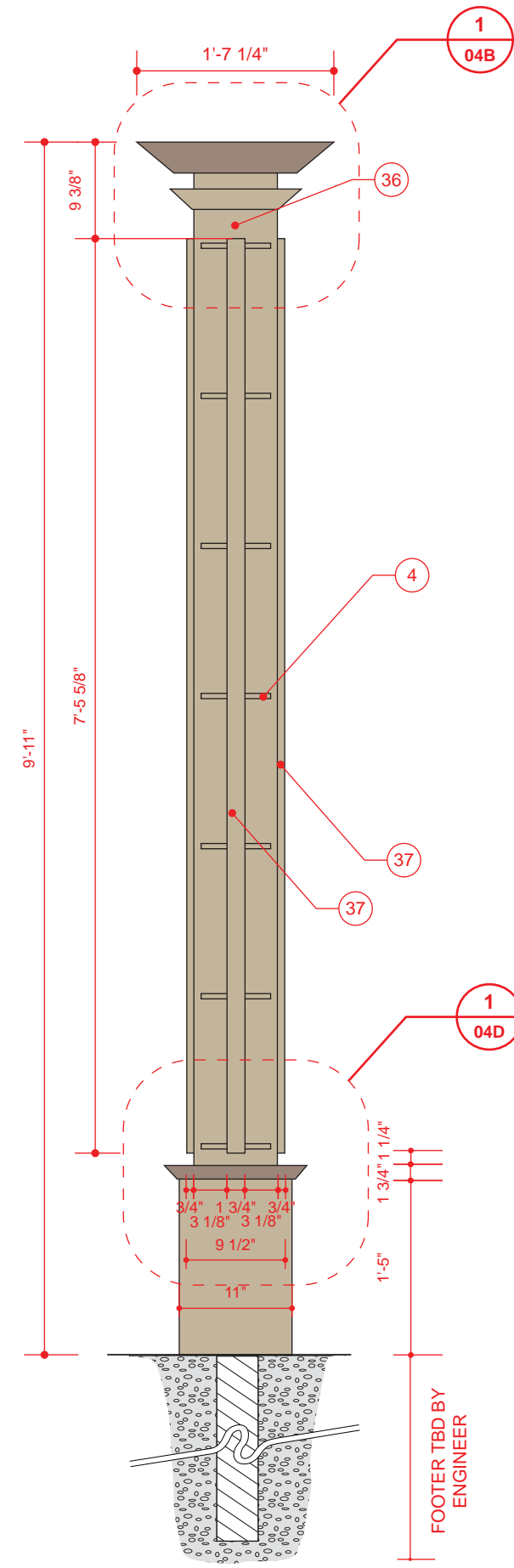
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FAS 05-05-11		BJM 05-05-11	
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CONSTRUCTION DOCUMENTS		06-15-11	
REVISION NUMBER			
REVISION		04-18-12	
REVISION		01-31-13	
DRAWING TITLE			
VEHICULAR DIRECTIONAL SMALL MESSAGE LAYOUT OPTIONS			
NOTES			





1 VEHICULAR DIRECTIONAL - LARGE ATHLETIC
ELEVATION

2 VEHICULAR DIRECTIONAL - LARGE ATHLETIC
END VIEW

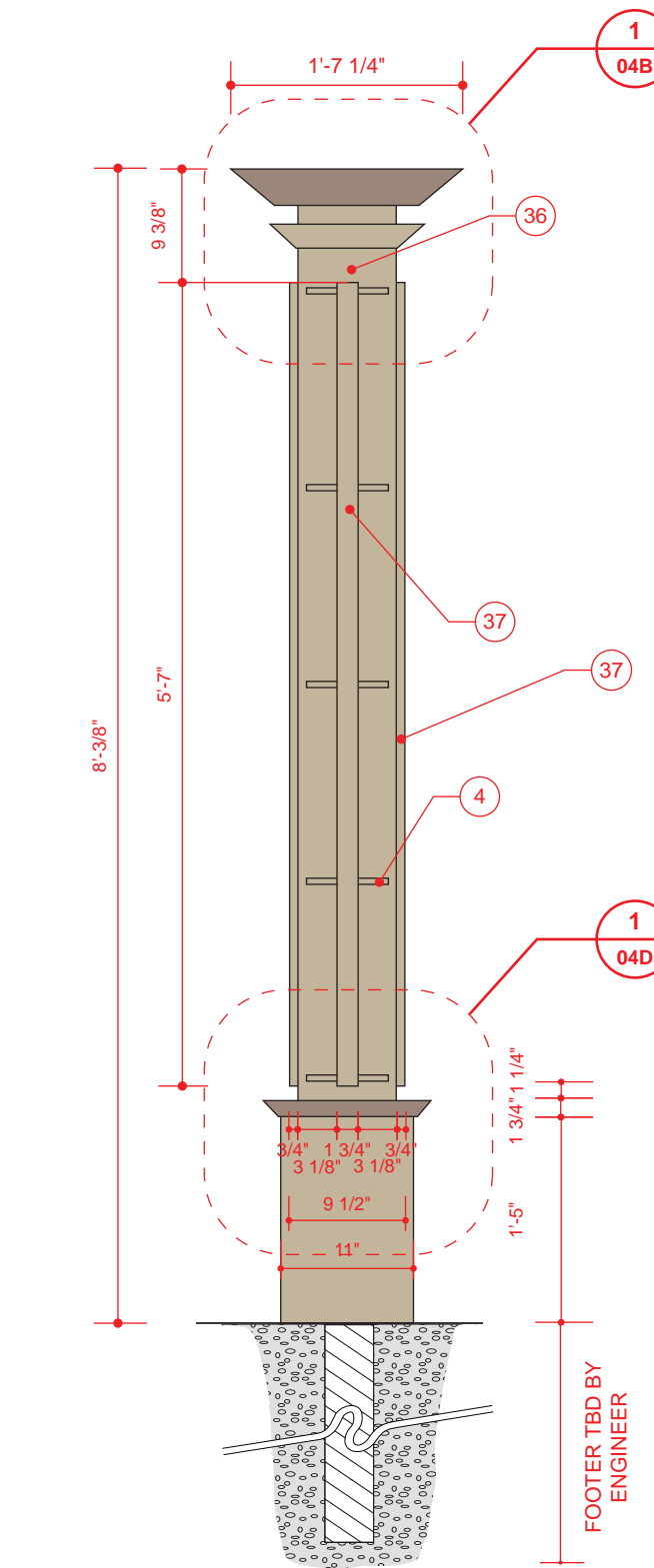


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REVISION		04-18-12	
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DRAWING TITLE			
VEHICULAR DIRECTIONAL LARGE ATHLETIC			
NOTES			



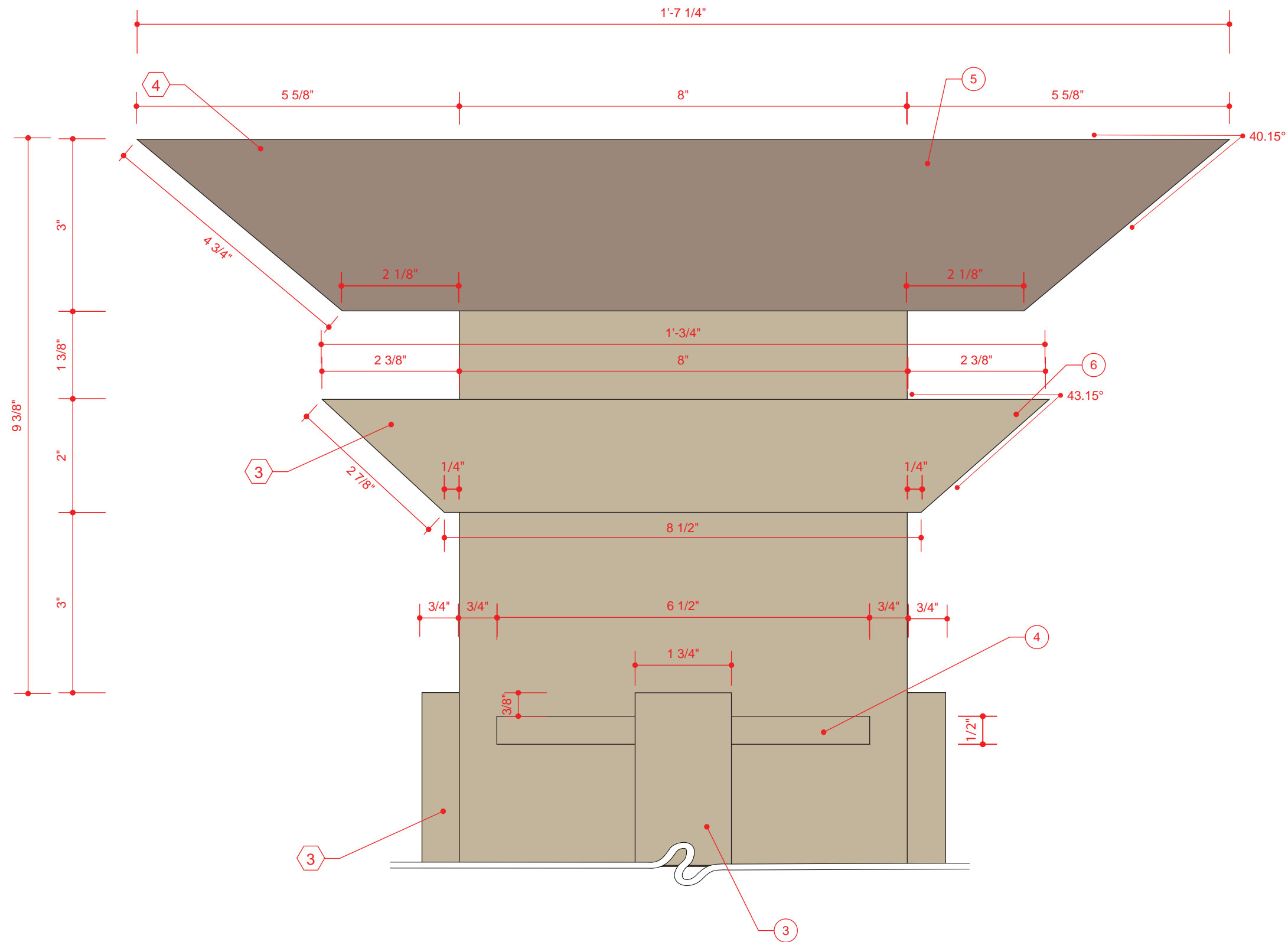
1 VEHICULAR DIRECTIONAL - SMALL ATHLETIC ELEVATION



2 VEHICULAR DIRECTIONAL SMALL ATHLETIC END VIEW

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DRAWING TITLE			
VEHICULAR DIRECTIONAL SMALL ATHLETIC			
NOTES			

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1 DIRECTIONAL FINIAL AND POST ACCENT DETAIL
ELEVATION

SCALE: 1/8" = 1"

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REVISION **1** 04-18-12

REVISION **2** 01-31-13

DRAWING TITLE

DIRECTIONAL LARGE
FINIAL AND POST ACCENT DETAIL

NOTES

OWNER

UNIVERSITY OF MEMPHIS
MEMPHIS, TN 38152

APPROVAL / DATE

PROJECT NUMBER

1009.07

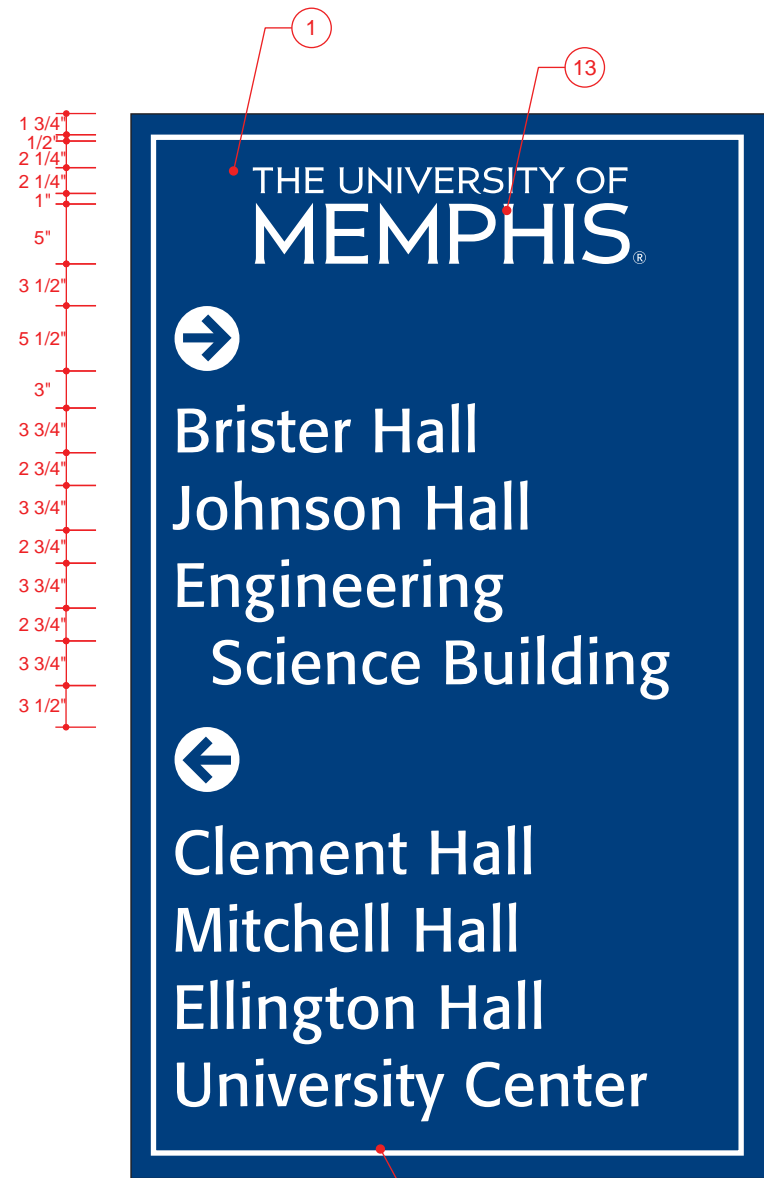
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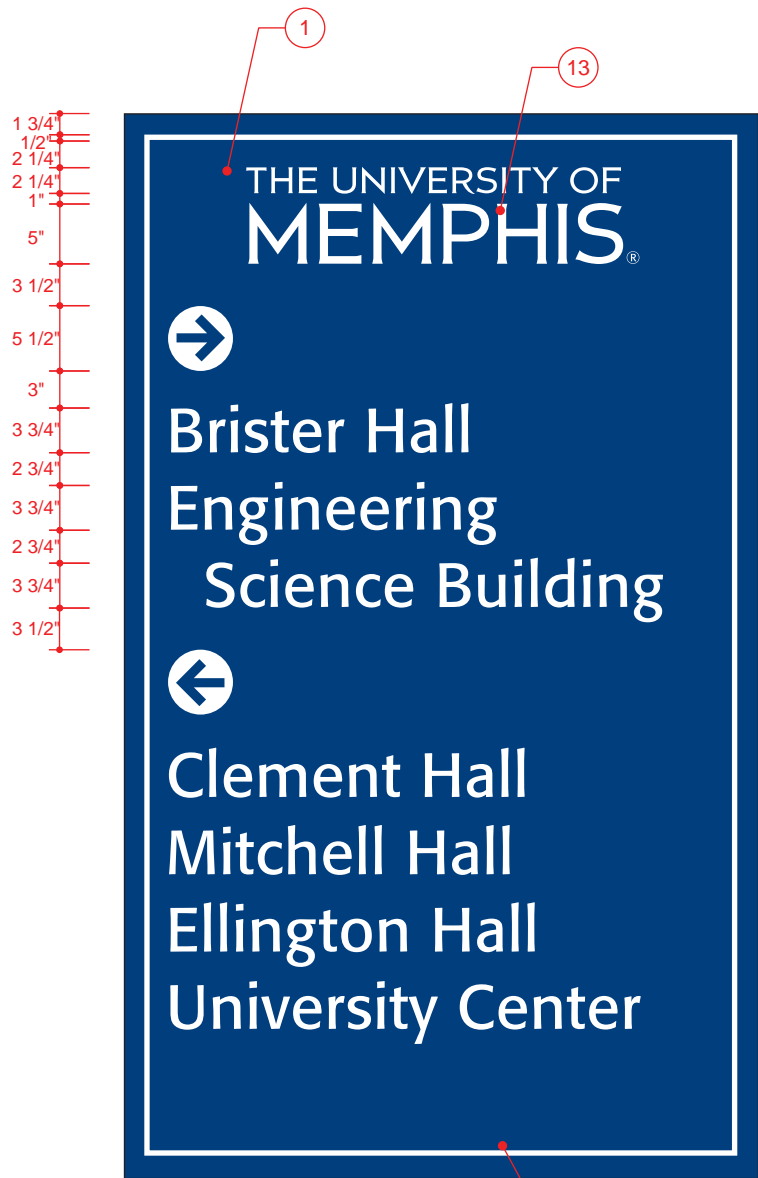
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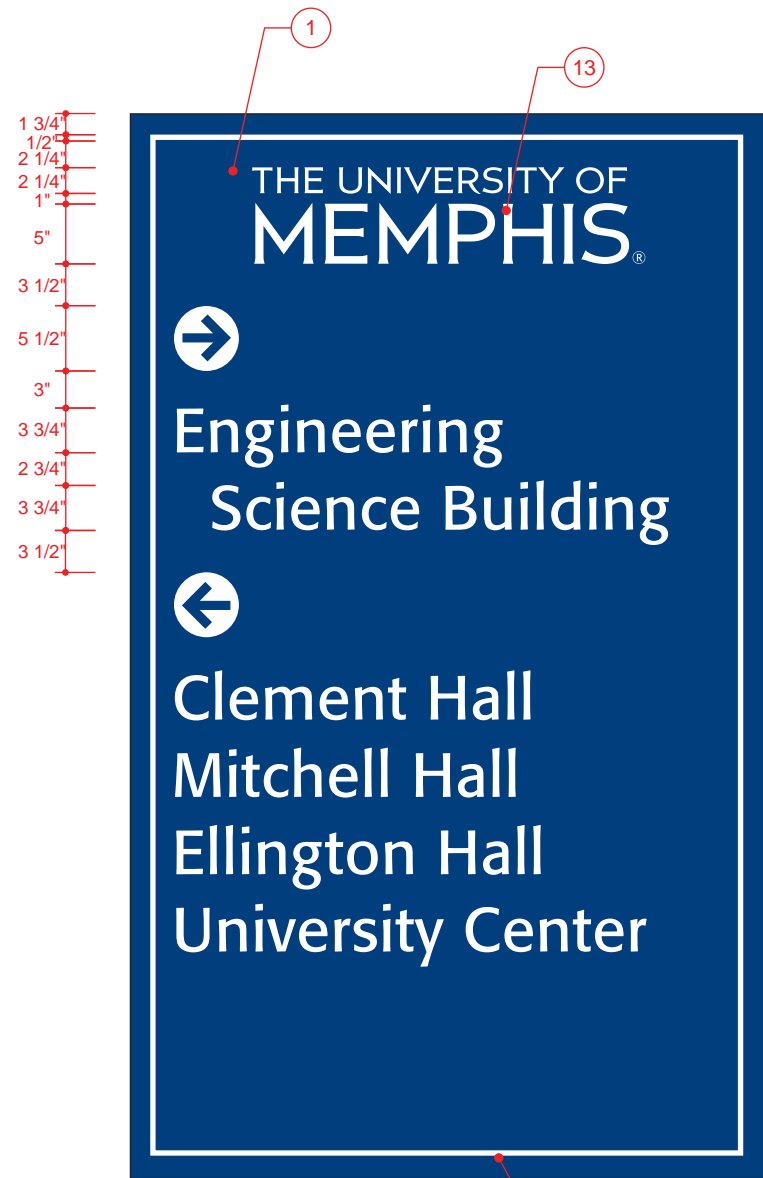
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8 MESSAGE OPTION

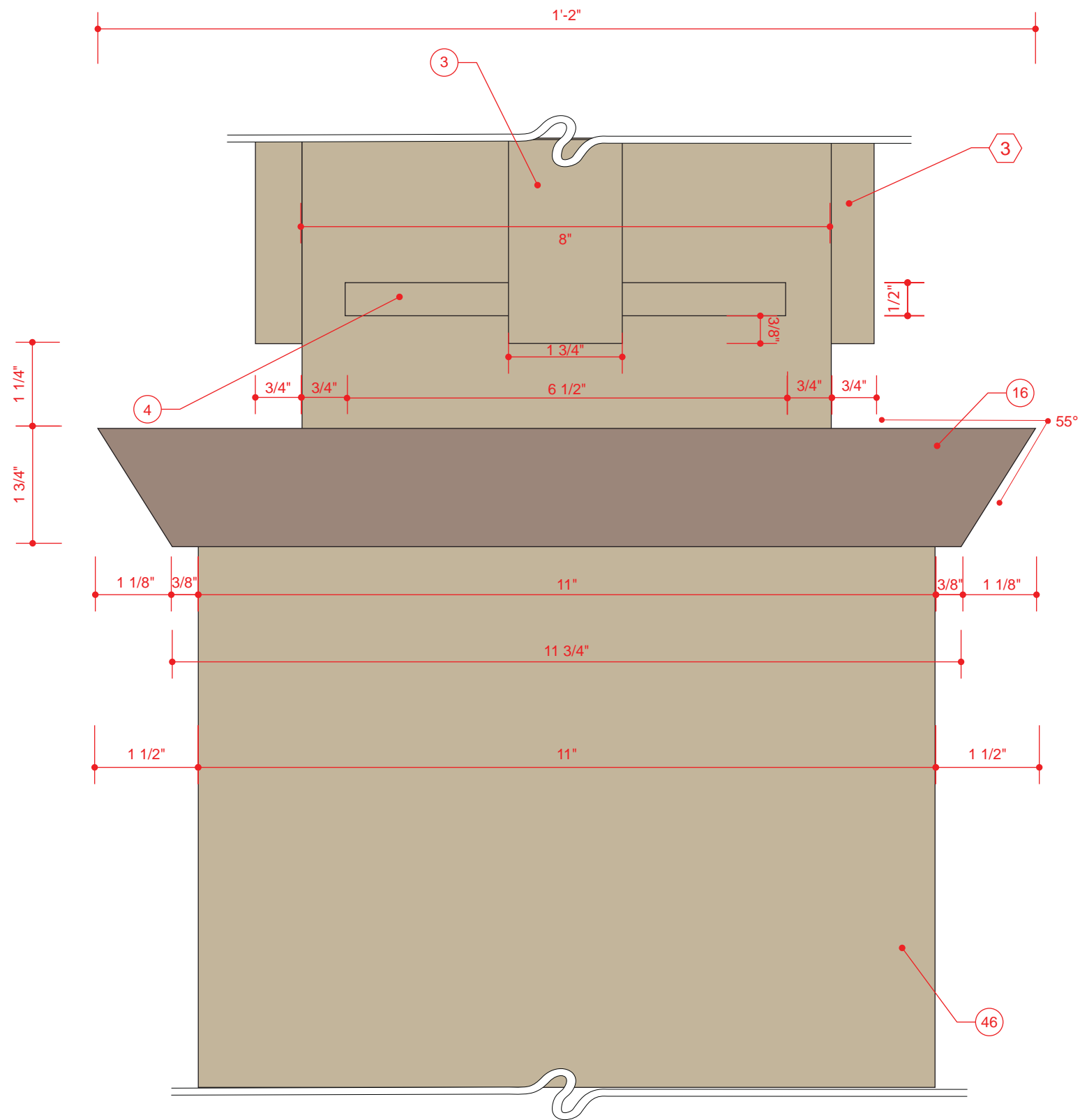


7 MESSAGE OPTION



6 MESSAGE OPTION

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CONSTRUCTION DOCUMENTS		06-15-11	
REVISION NUMBER			
REVISION	1	04-18-12	
REVISION	2	01-31-13	
DRAWING TITLE			
VEHICULAR DIRECTIONAL LARGE MESSAGE LAYOUT OPTIONS			
NOTES			



1 DIRECTIONAL BASE ACCENT DETAIL
ELEVATION

SCALE: 5/8" = 1"

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REVISION 1 04-18-12

REVISION 2 01-31-13

DRAWING TITLE

DIRECTIONAL
BASE ACCENT DETAIL

NOTES

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UNIVERSITY OF MEMPHIS
MEMPHIS, TN 38152

APPROVAL / DATE

PROJECT NUMBER

1009.07

SIGN TYPE

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SHEET NO.

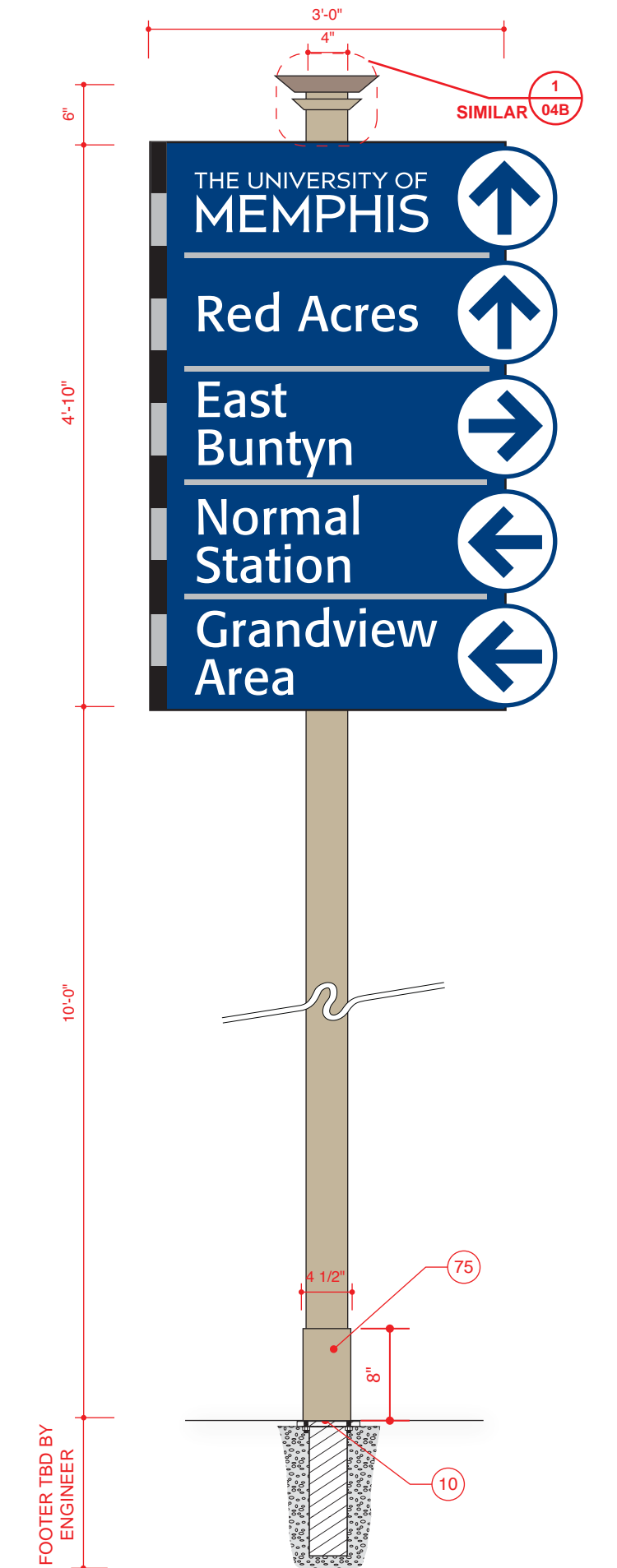
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1 PATHFINDERS NEIGHBORHOOD
ELEVATION

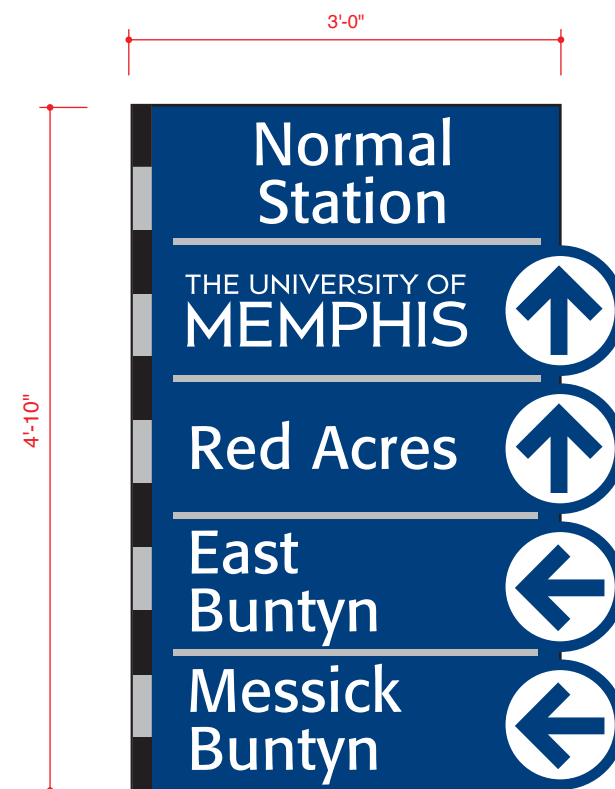
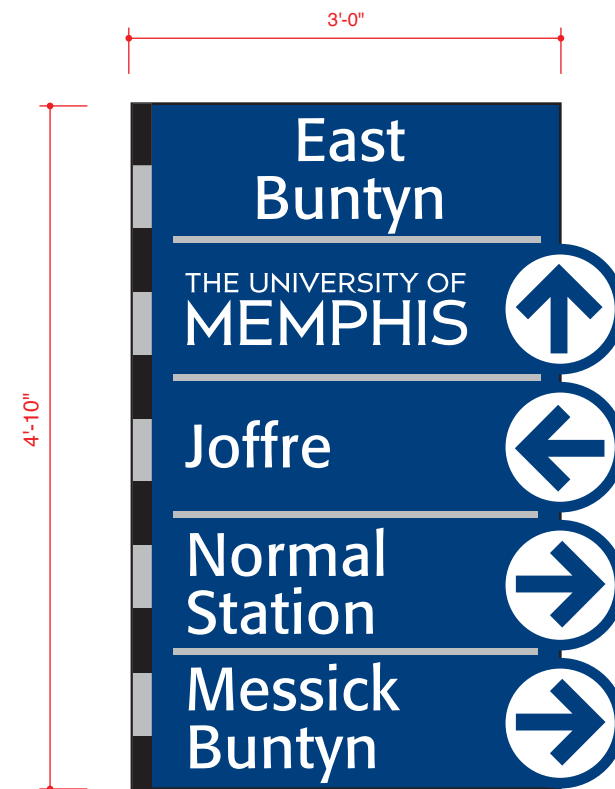
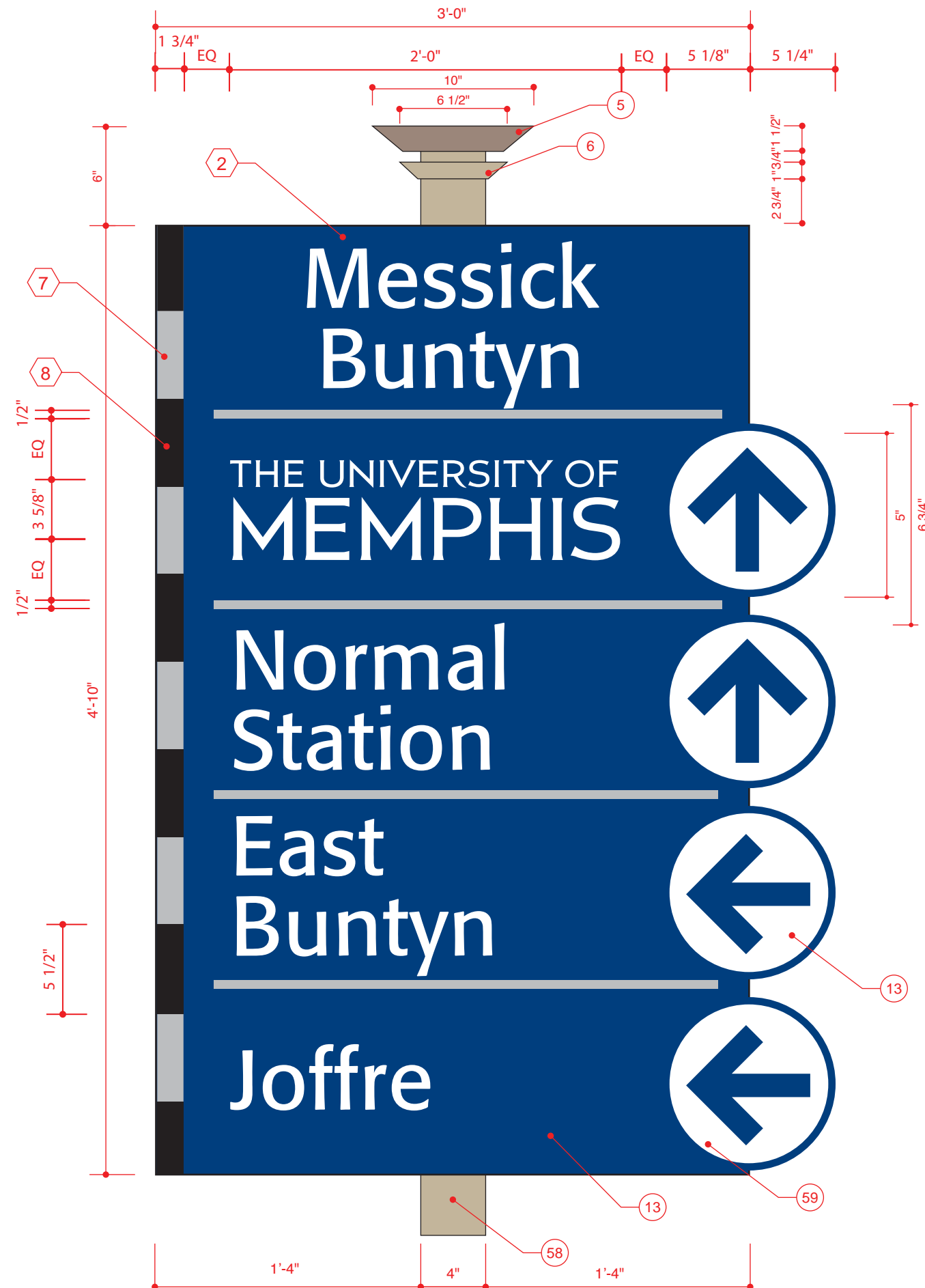
SCALE: 1 1/2" = 1' 0"



2 PATHFINDERS NEIGHBORHOOD
END VIEW

SCALE: 3/4" = 1'-0"

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REVISION	2	01-31-13	
DRAWING TITLE			
PATHFINDERS NEIGHBORHOOD			
NOTES			



1 PATHFINDERS NEIGHBORHOOD
ELEVATION

301 EAST MAIN STREET - CARNEGIE, PA 15106

VOICE 412.429.4071

SCALE: 1 1/2" = 1' 0"

2 PATHFINDERS NEIGHBORHOOD
ALTERNATIVE LAYOUTS

SCALE: 3/4" = 1'-0"

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REVISION NUMBER

REVISION 1 04-18-12

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DRAWING TITLE

PATHFINDERS NEIGHBORHOOD
WITH ALTERNATE DISTRICT MESSAGE

NOTES

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UNIVERSITY OF MEMPHIS
MEMPHIS, TN 38152

APPROVAL / DATE

PROJECT NUMBER

1009.07

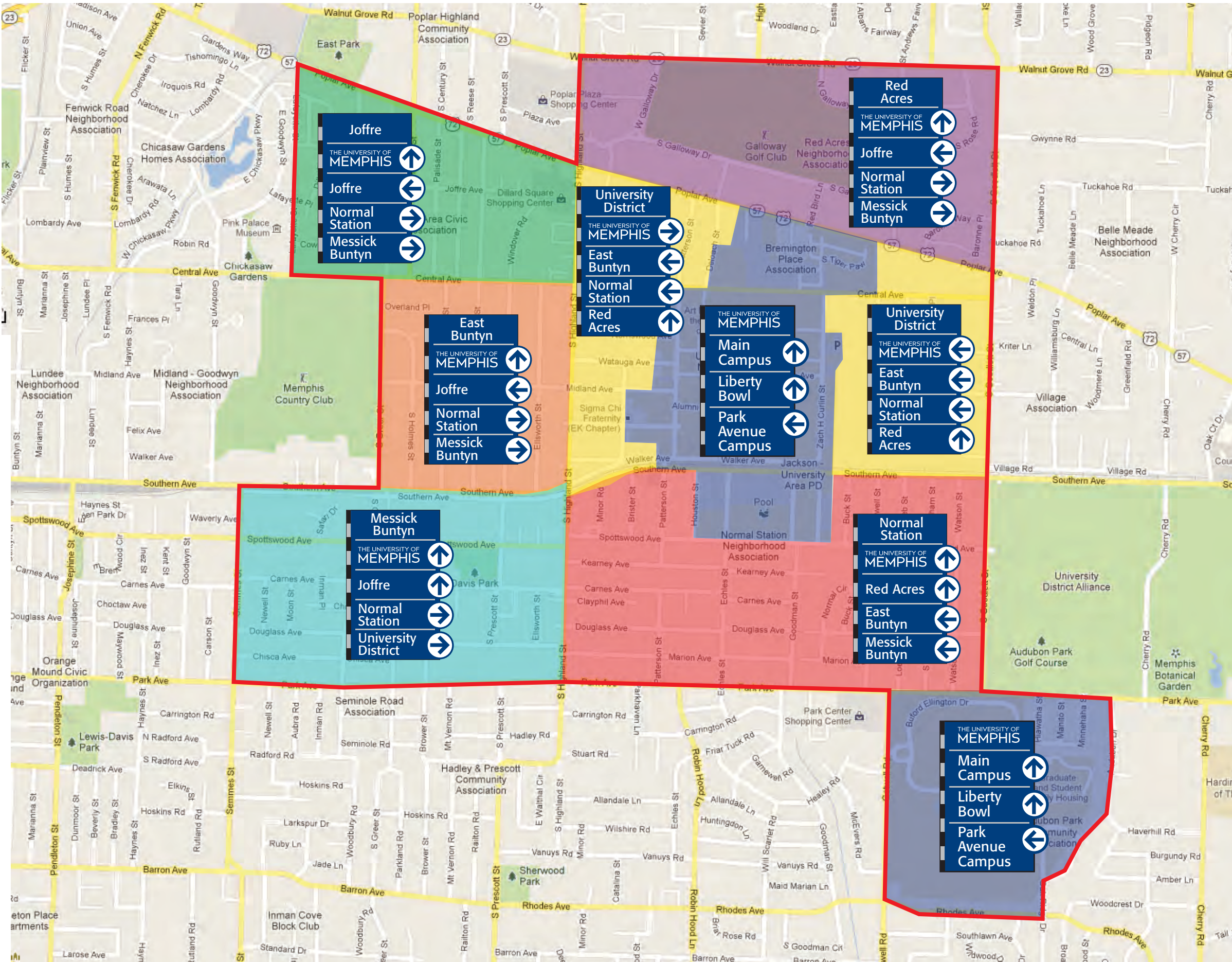
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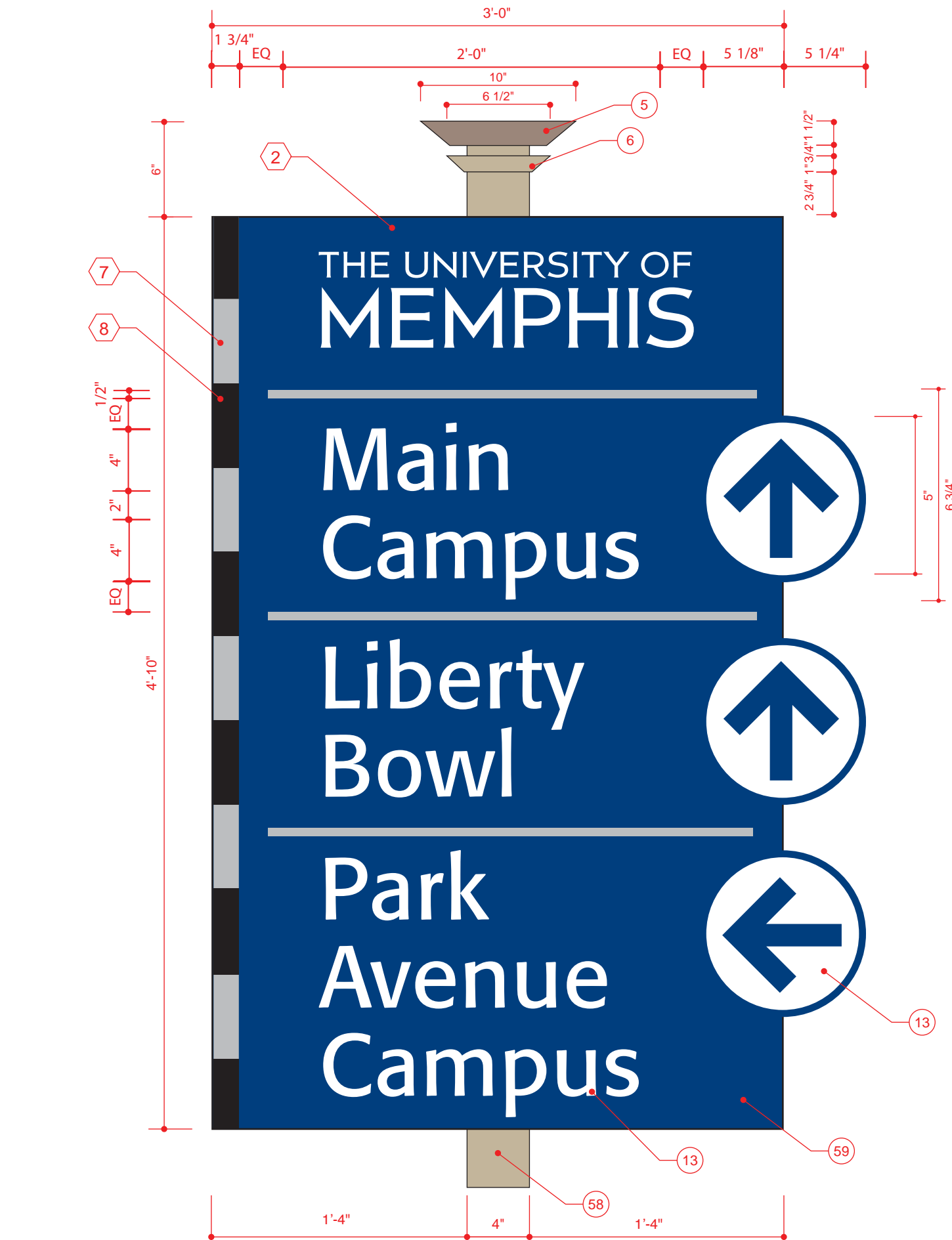
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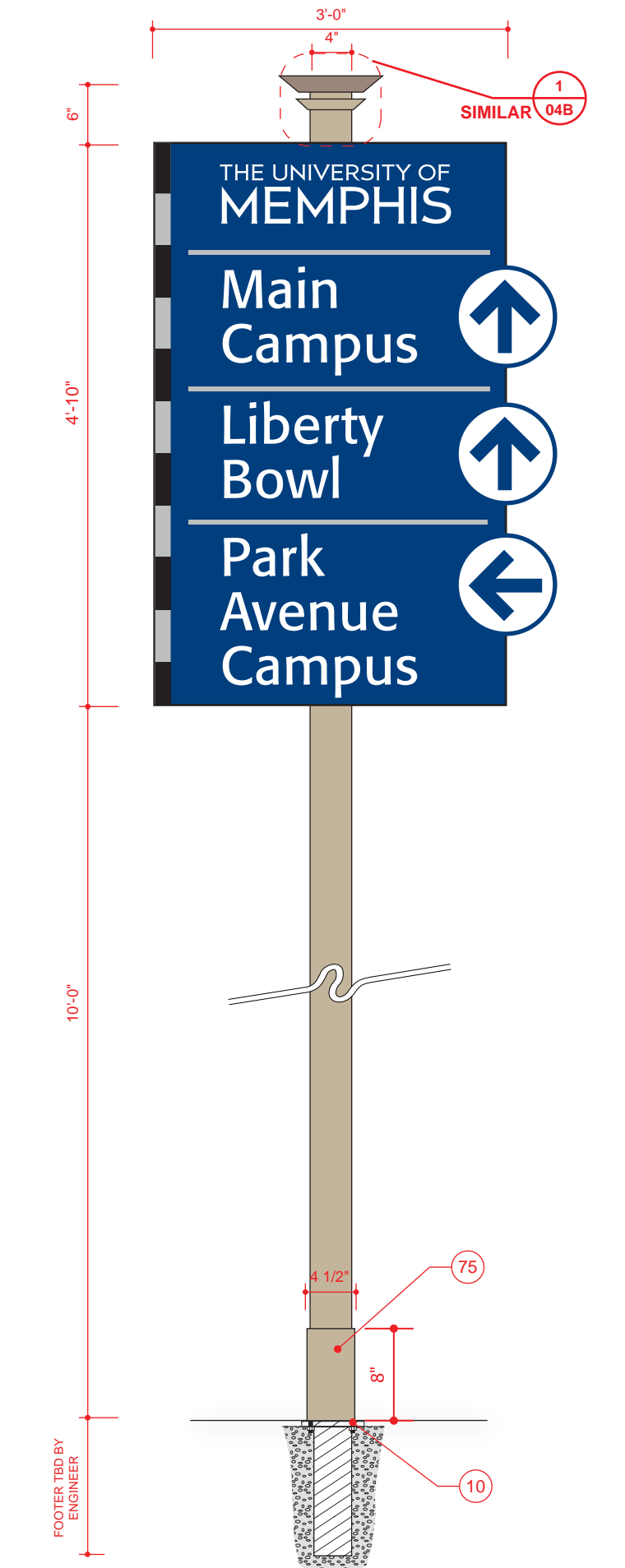
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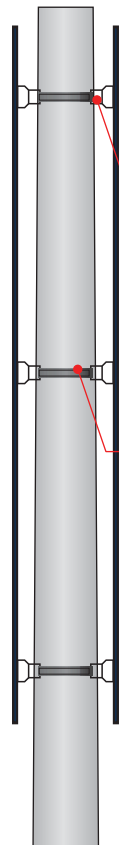
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REVISION NUMBER			
REVISION	1	04-18-12	
REVISION	2	01-31-13	
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PATHFINDERS NEIGHBORHOOD WITH ALTERNATE DISTRICT MESSAGE			
NOTES			

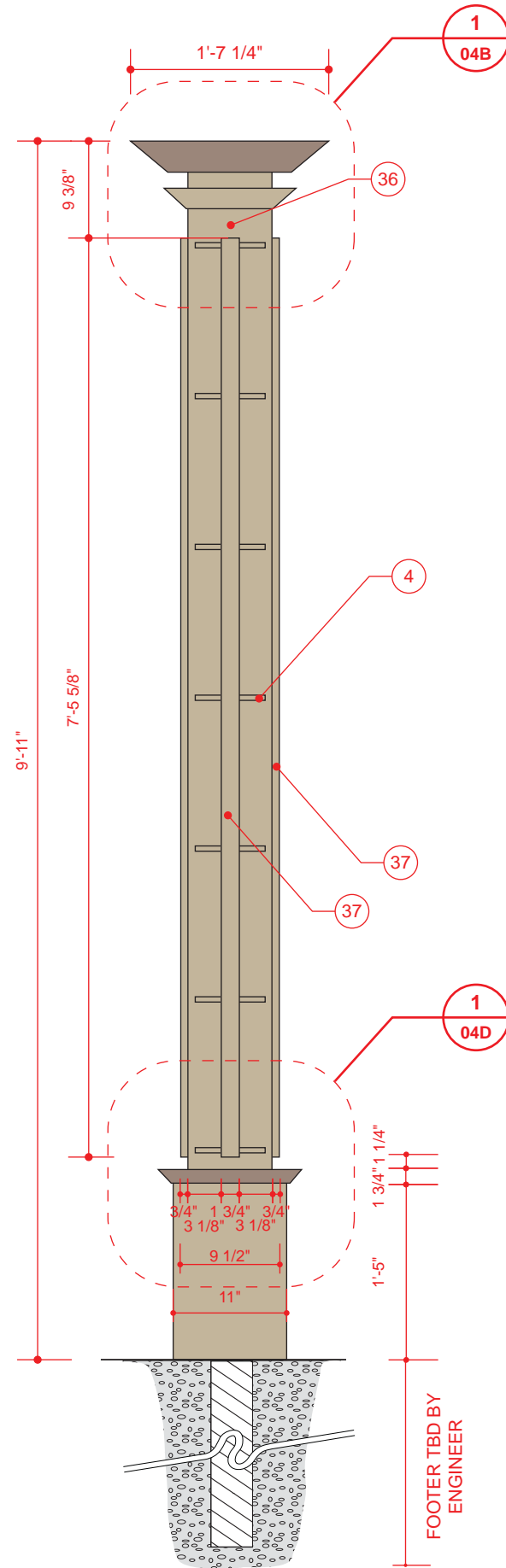
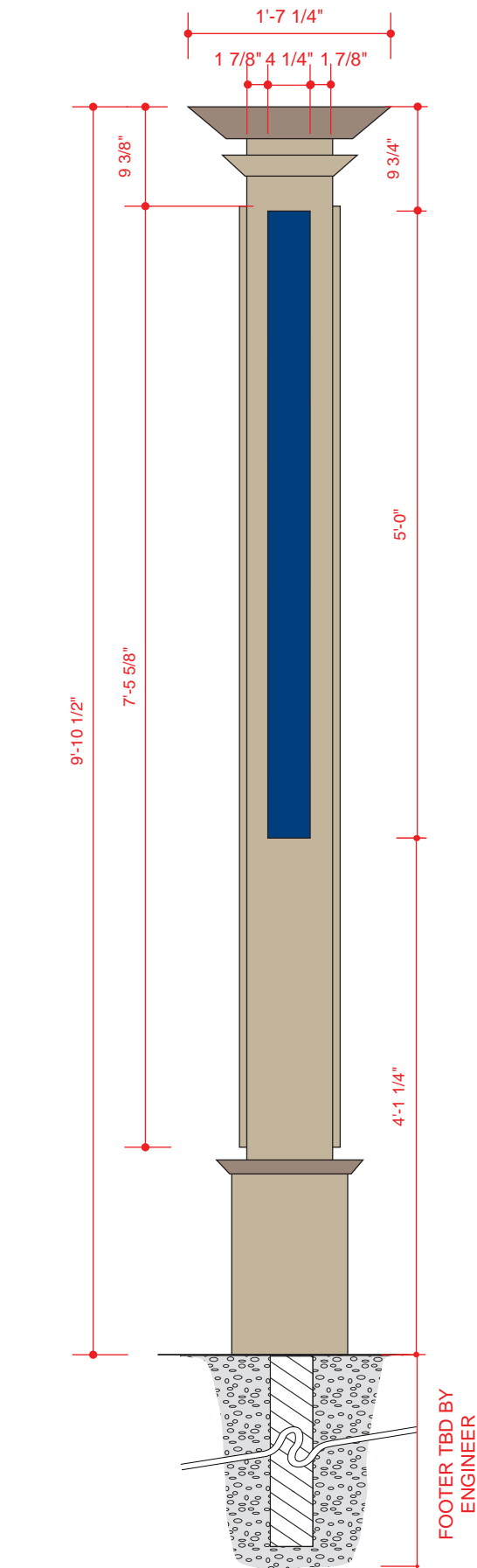


1 PATHFINDERS OFF PREMISES
ELEVATION



2 PATHFINDERS OFF PREMISES
END VIEW

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REVISION	1	04-18-12	
REVISION	2	01-31-13	
DRAWING TITLE			
PATHFINDERS OFF PREMISES			
NOTES			
OPTIONAL EXISTING POLE MOUNT METHOD			
			
TAPCO LARGE EXTRUSION #645-55 SPACING TBD BY FABRICATOR			
TAPCO® STRAPESE MOUNTING HARDWARE			
OWNER			
UNIVERSITY OF MEMPHIS MEMPHIS, TN 38152			
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1009.07			
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1 PEDESTRIAN DIRECTIONAL
ELEVATION

SCALE: 3/4" = 1' 0"

2 PEDESTRIAN DIRECTIONAL
END VIEW

SCALE: 3/4" = 1' 0"

3 PEDESTRIAN DIRECTIONAL
END VIEW

SCALE: 3/4" = 1' 0"

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PEDESTRIAN DIRECTIONAL

NOTES

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PROJECT NUMBER

1009.07

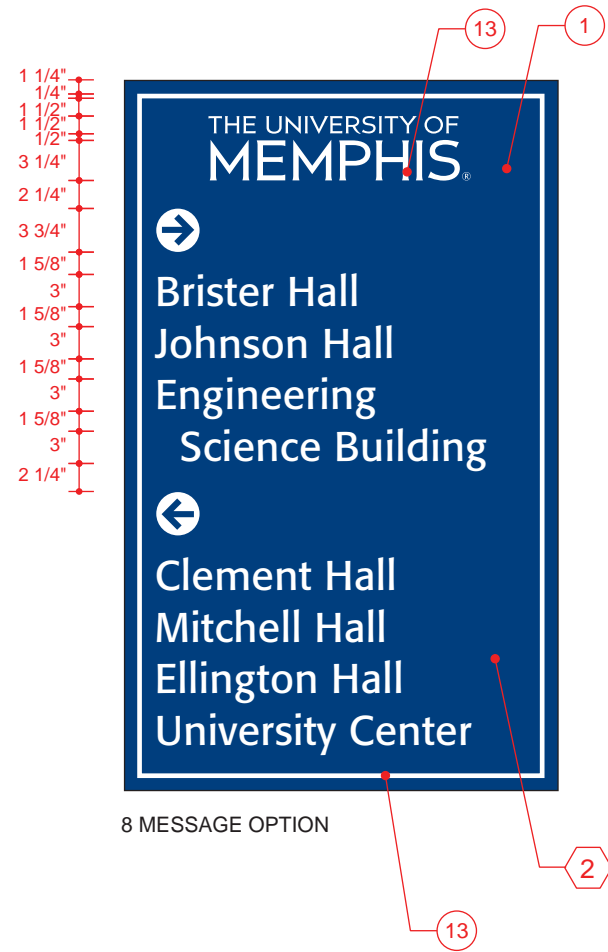
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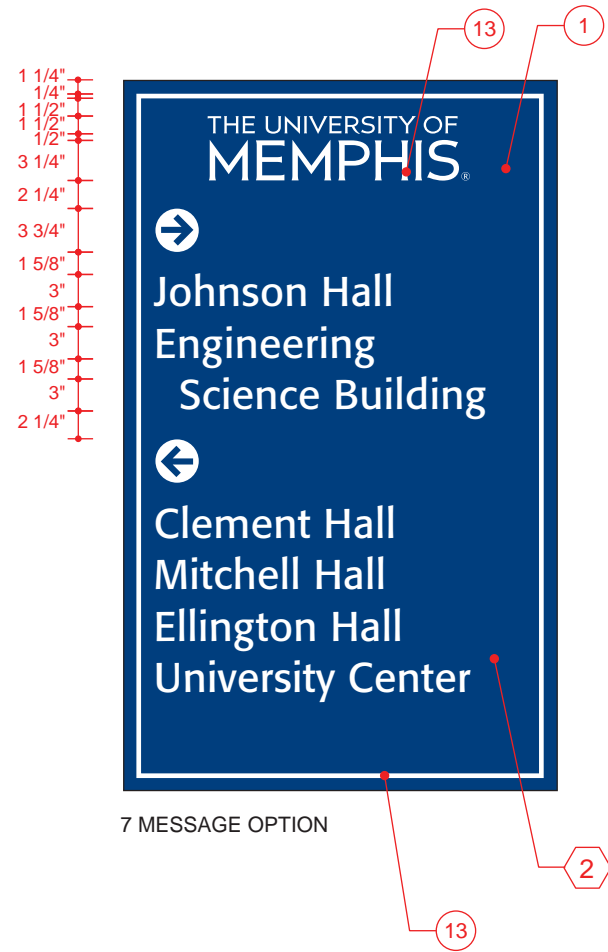
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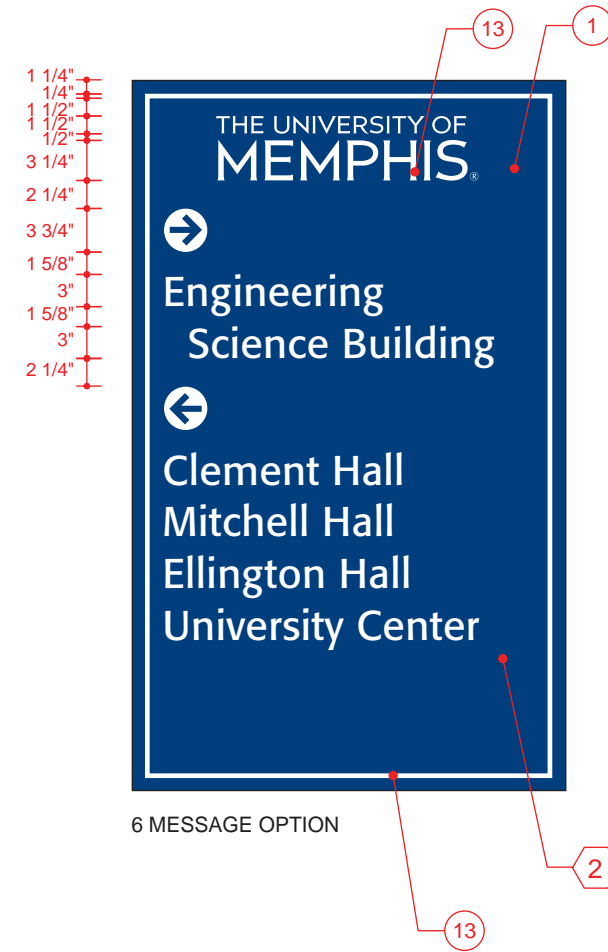
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8 MESSAGE OPTION

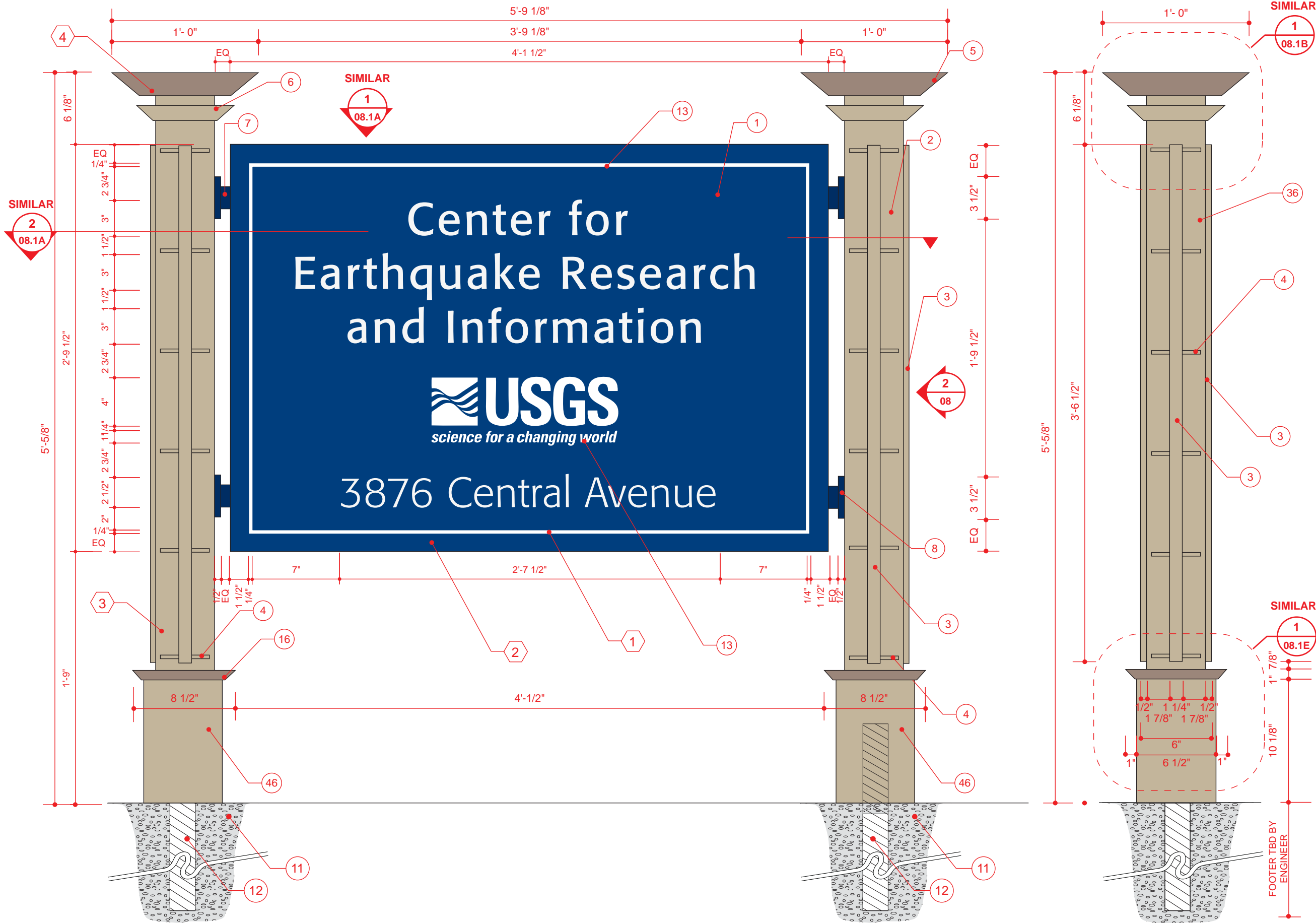


7 MESSAGE OPTION



6 MESSAGE OPTION

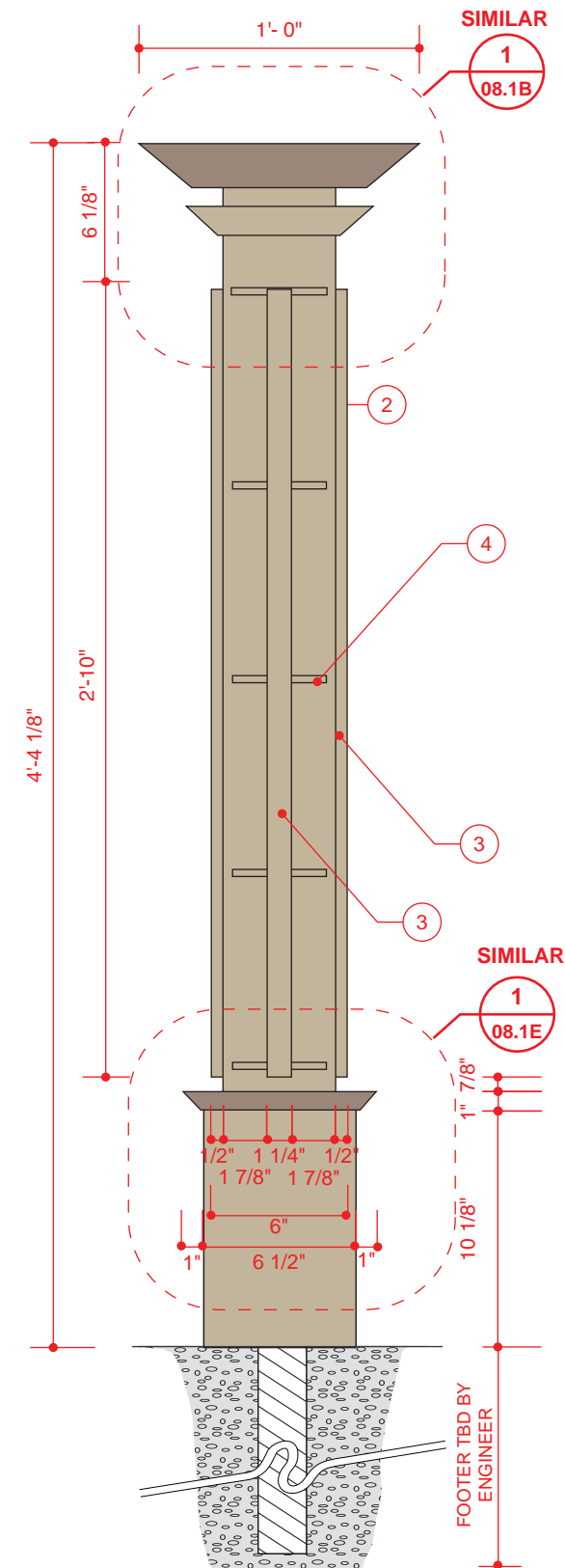
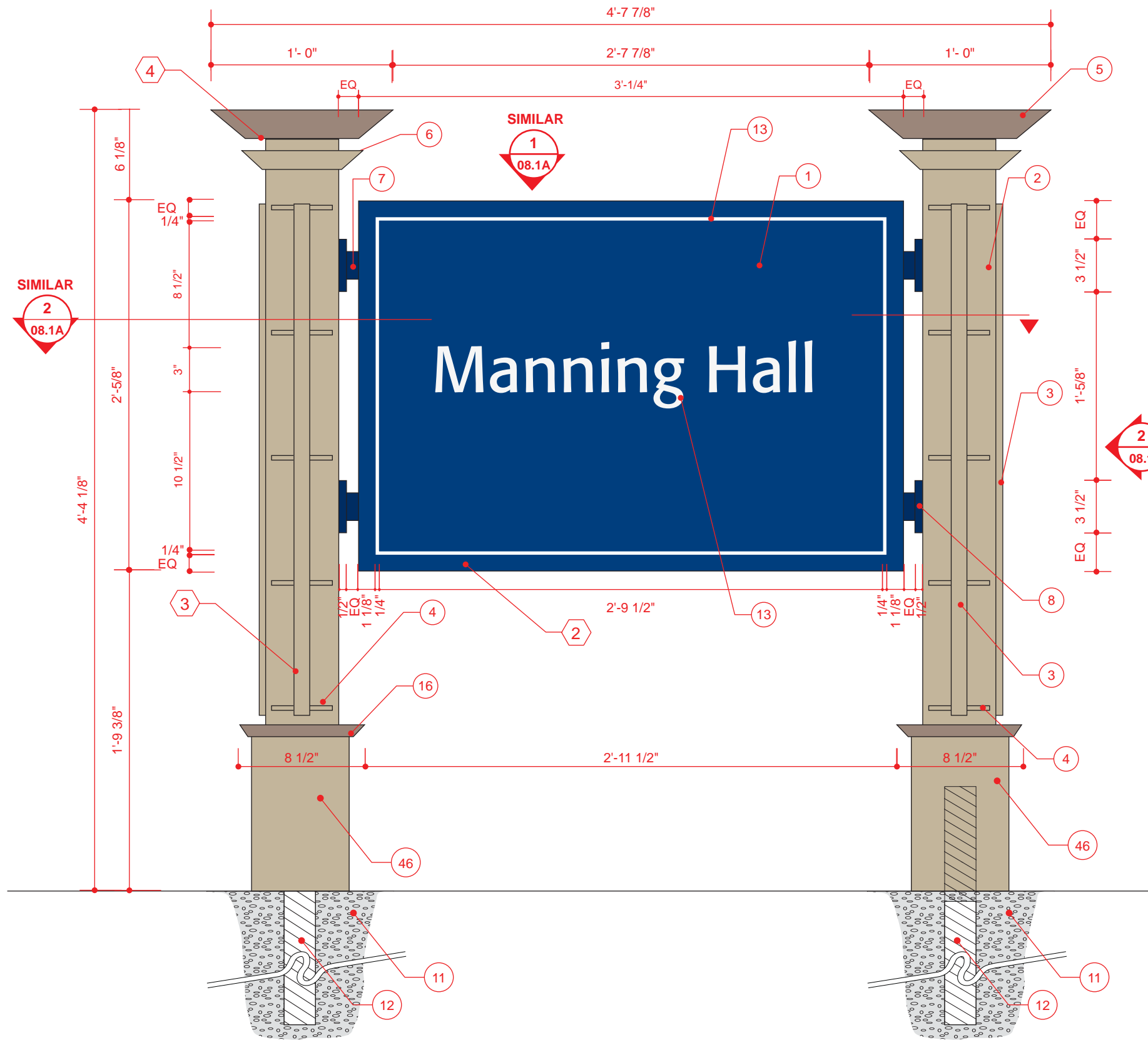
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REVISION NUMBER			
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REVISION	2	01-31-13	
DRAWING TITLE			
PEDESTRIAN DIRECTIONAL MESSAGE LAYOUT OPTIONS			
NOTES			



1 FREESTANDING BUILDING IDENTIFICATION - LARGE ELEVATION

2 FREESTANDING BUILDING IDENTIFICATION - LARGE END VIEW

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REVISION	2	01-31-13	
DRAWING TITLE			
FREESTANDING BUILDING IDENTIFICATION LARGE			
NOTES			



1 FREESTANDING BUILDING IDENTIFICATION - SMALL
ELEVATION

2 FREESTANDING BUILDING IDENTIFICATION - SMALL
END VIEW

SCALE: 1 1/2" = 1' 0"

SCALE: 1 1/2" = 1' 0"

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DRAWING TITLE

FREESTANDING BUILDING IDENTIFICATION
SMALL

NOTES

OWNER

UNIVERSITY OF MEMPHIS
MEMPHIS, TN 38152

APPROVAL / DATE

PROJECT NUMBER

1009.07

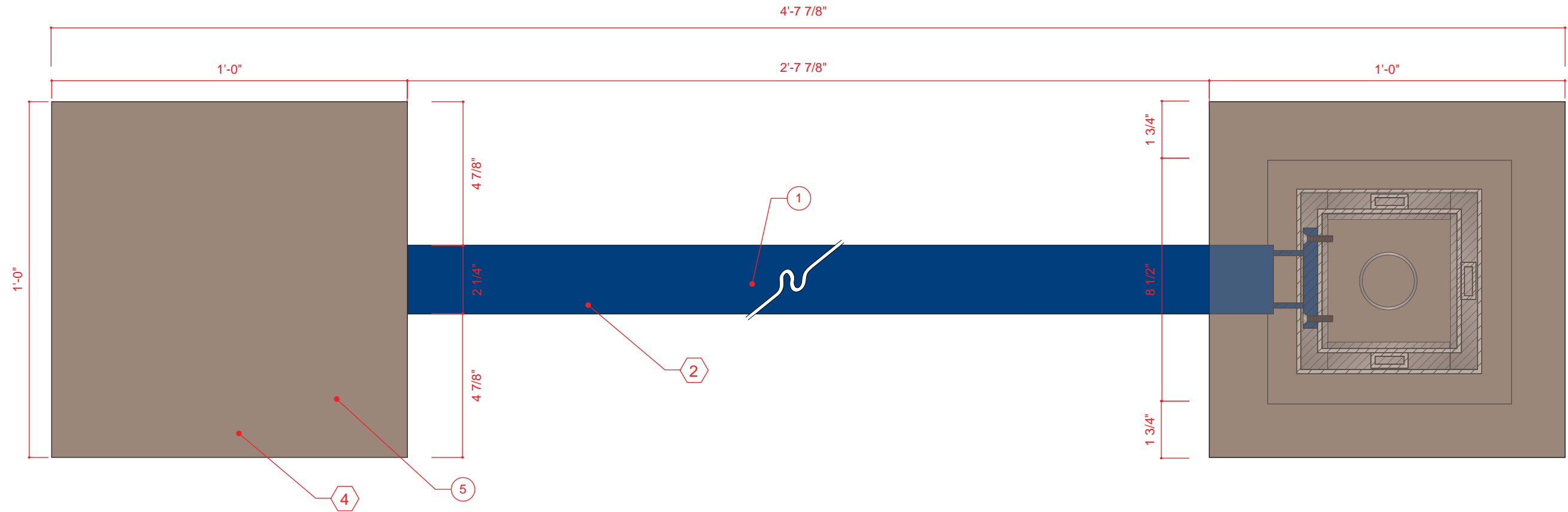
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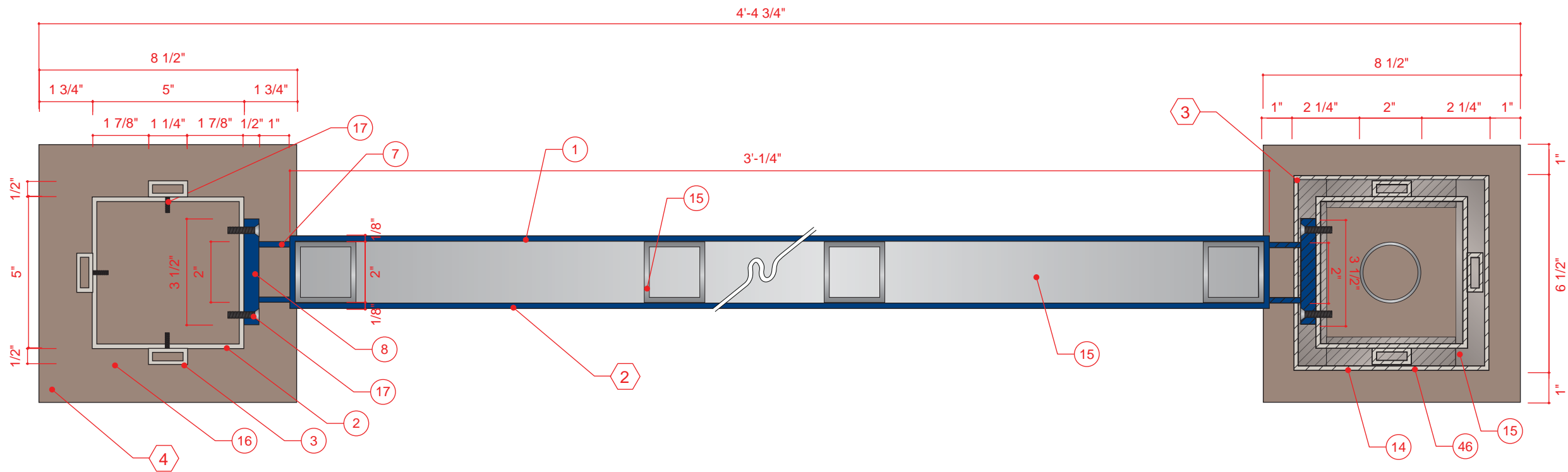
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1 FREESTANDING BUILDING IDENTIFICATION - SMALL
PLAN VIEW

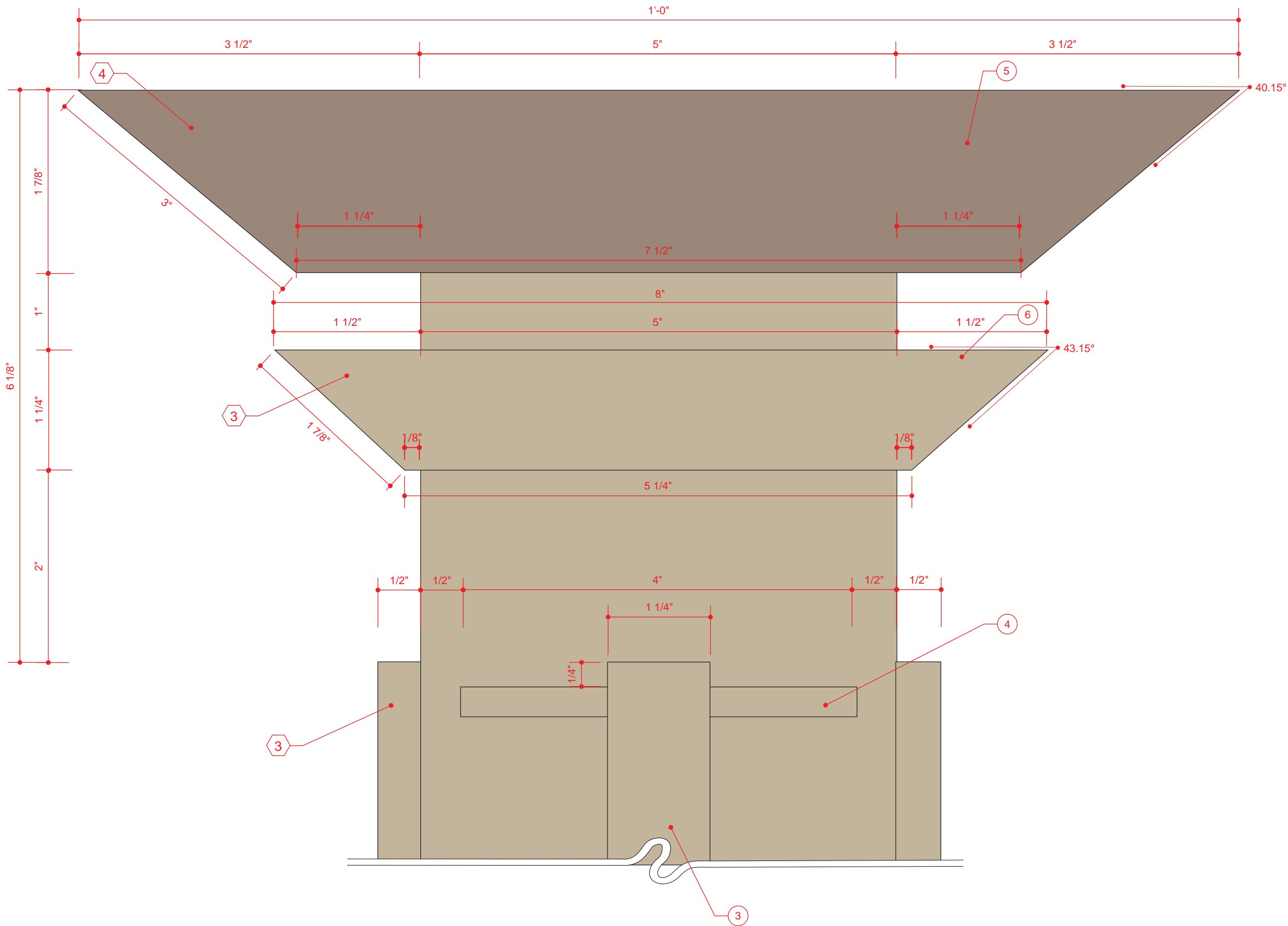
SCALE: 1/4" = 1"



2 FREESTANDING BUILDING IDENTIFICATION - SMALL DETAIL
HORIZONTAL SECTION

SCALE: 1/4" = 1"

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DRAWING TITLE			
FREESTANDING BUILDING IDENTIFICATION DETAIL			
NOTES			



1 FREESTANDING BUILDING IDENTIFICATION FINIAL AND POST ACCENT DETAIL
ELEVATION



SCALE: 1" = 1"

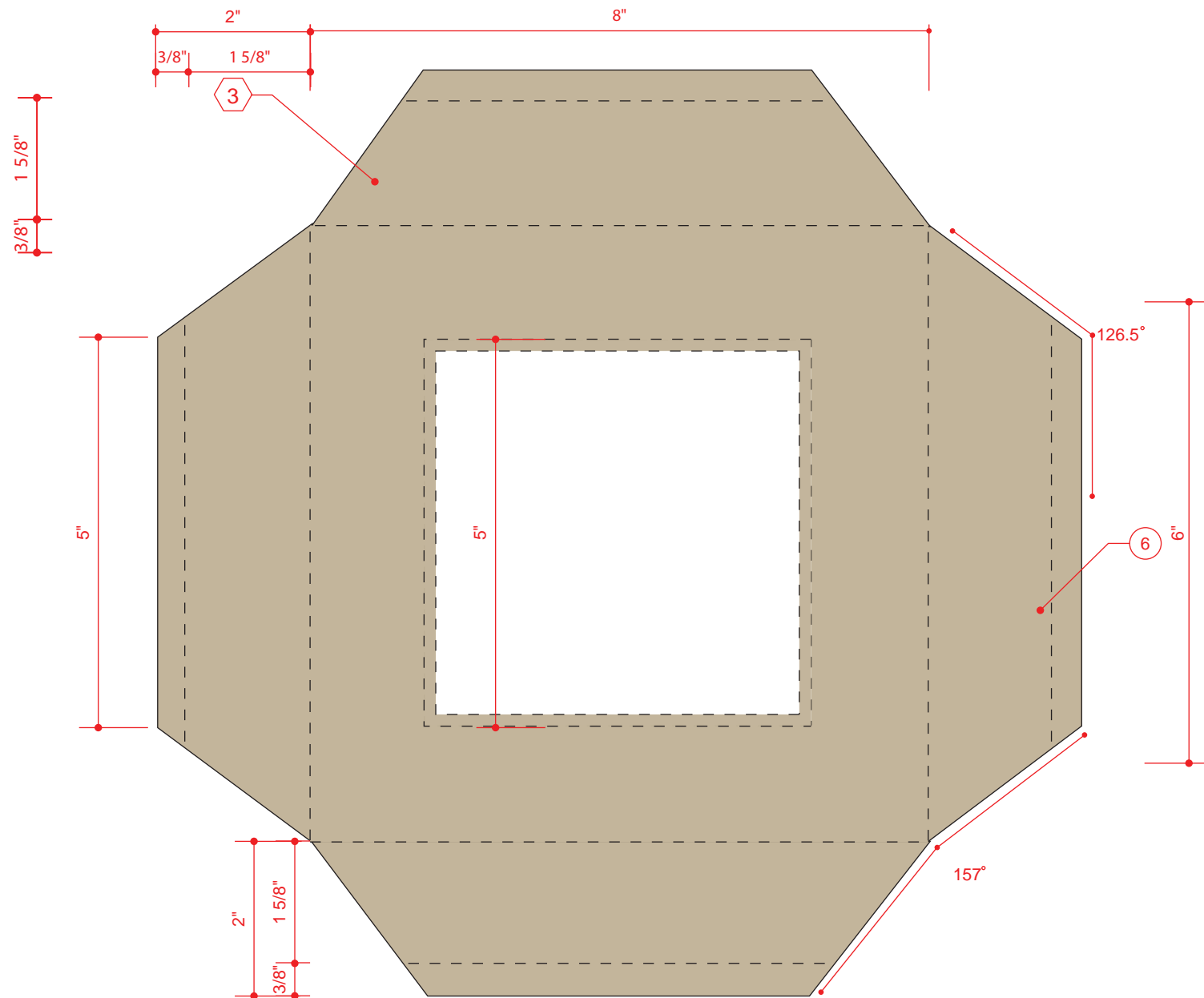
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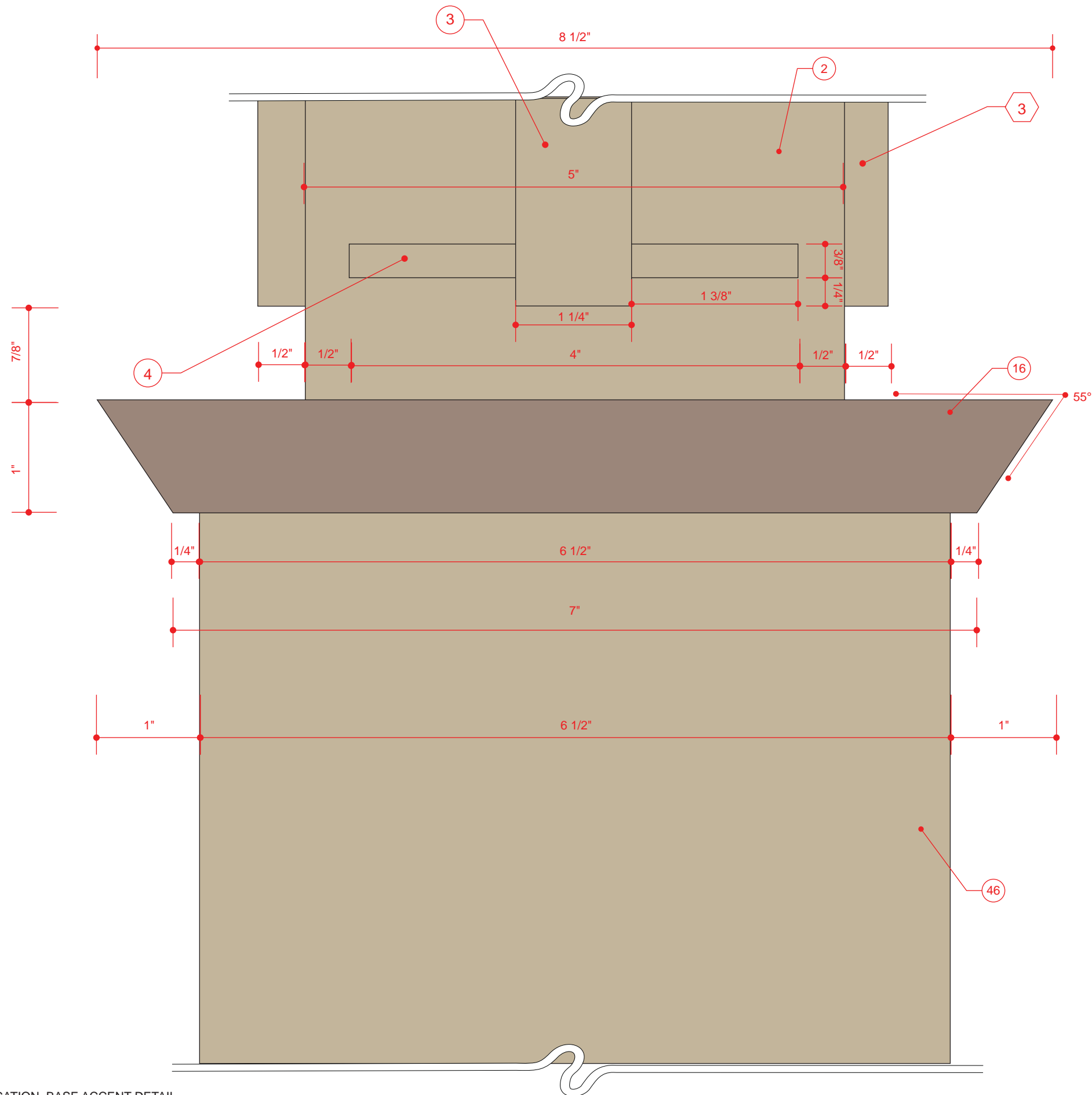
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REVISION NUMBER			
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DRAWING TITLE			
FREESTANDING BUILDING IDENTIFICATION FINIAL AND POST ACCENT DETAIL			
NOTES			



1 FREESTANDING BUILDING IDENTIFICATION POST ACCENT DETAIL
PLAN VIEW

SCALE: 1/2" = 1"

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DRAWING TITLE			
FREESTANDING BUILDING IDENTIFICATION POST ACCENT DETAIL			
NOTES			



1 FREESTANDING BUILDING IDENTIFICATION BASE ACCENT DETAIL
ELEVATION

SCALE: 1" = 1"

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FREESTANDING BUILDING IDENTIFICATION
BASE ACCENT DETAIL

NOTES

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1 FREESTANDING BUILDING IDENTIFICATION - TENANT INFORMATIONAL
ELEVATION

SCALE: 1 1/2" = 1' 0"

2 FREESTANDING BUILDING IDENTIFICATION - TENANT INFORMATIONAL
END VIEW

SCALE: 1 1/2" = 1' 0"

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REVISION 2 01-31-13

DRAWING TITLE

FREESTANDING BUILDING IDENTIFICATION
TENANT INFORMATIONAL

NOTES

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MEMPHIS, TN 38152

APPROVAL / DATE

PROJECT NUMBER

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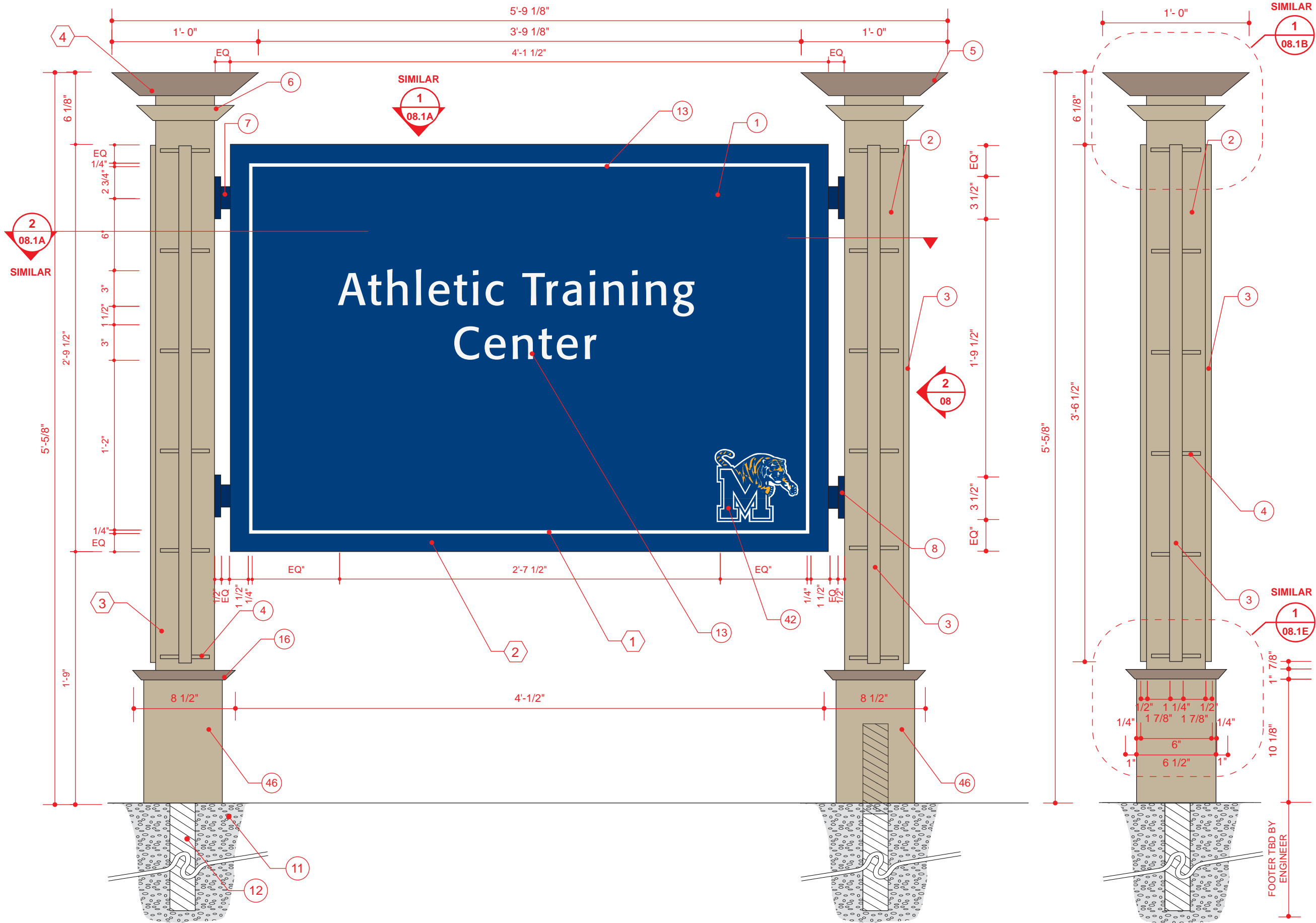
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1 FREESTANDING BUILDING IDENTIFICATION - LARGE WITH ATHLETIC LOGO
ELEVATION

SCALE: 1 1/2" = 1' 0"

2 FREESTANDING BUILDING IDENTIFICATION - LARGE WITH ATHLETIC LOGO
END VIEW



SCALE: 1 1/2" = 1' 0"

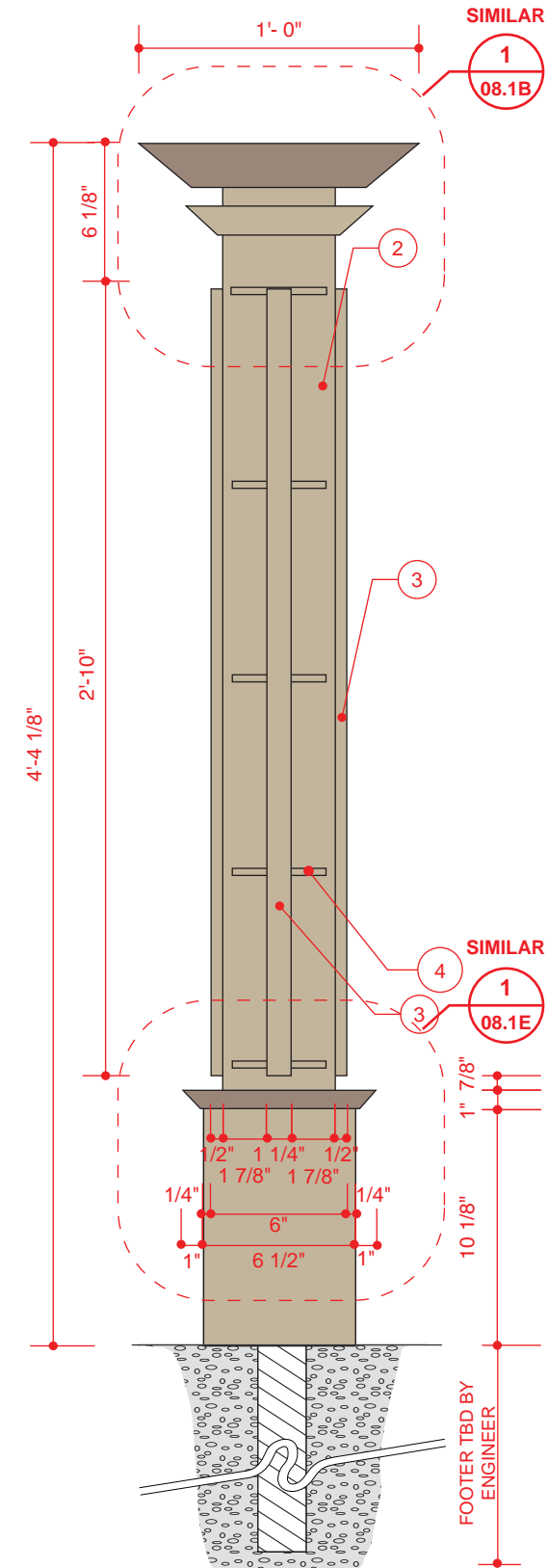
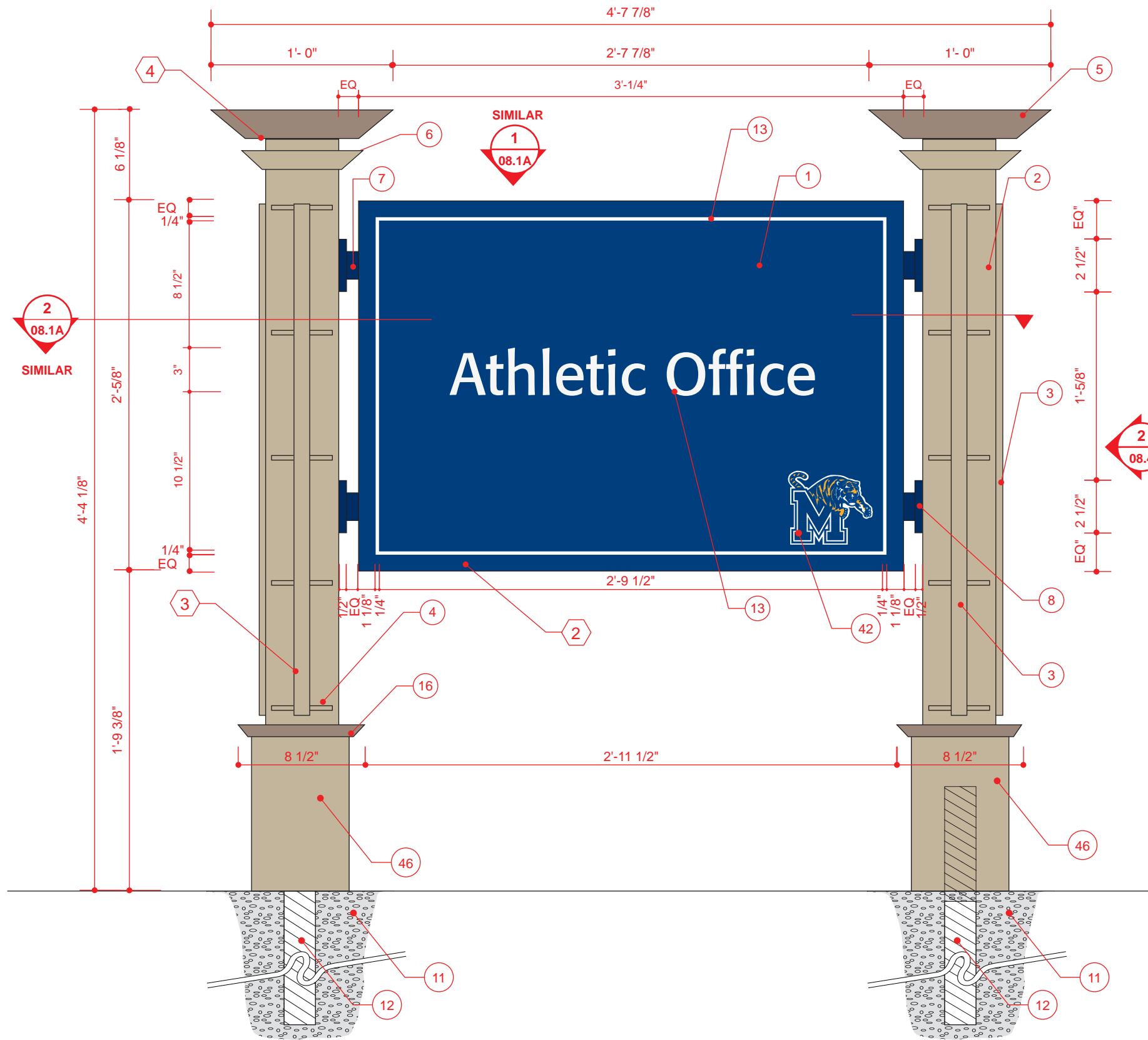
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REVISION		01-31-13	
DRAWING TITLE			
FREESTANDING BUILDING IDENTIFICATION LARGE WITH ATHLETIC LOGO			
NOTES			



1 FREESTANDING BUILDING IDENTIFICATION - SMALL WITH ATHLETIC LOGO
ELEVATION

2 FREESTANDING BUILDING IDENTIFICATION - SMALL WITH ATHLETIC LOGO
END VIEW

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REVISION 1 04-18-12

REVISION 2 01-31-13

DRAWING TITLE

FREESTANDING BUILDING IDENTIFICATION
SMALL WITH ATHLETIC LOGO

NOTES

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MEMPHIS, TN 38152

APPROVAL / DATE

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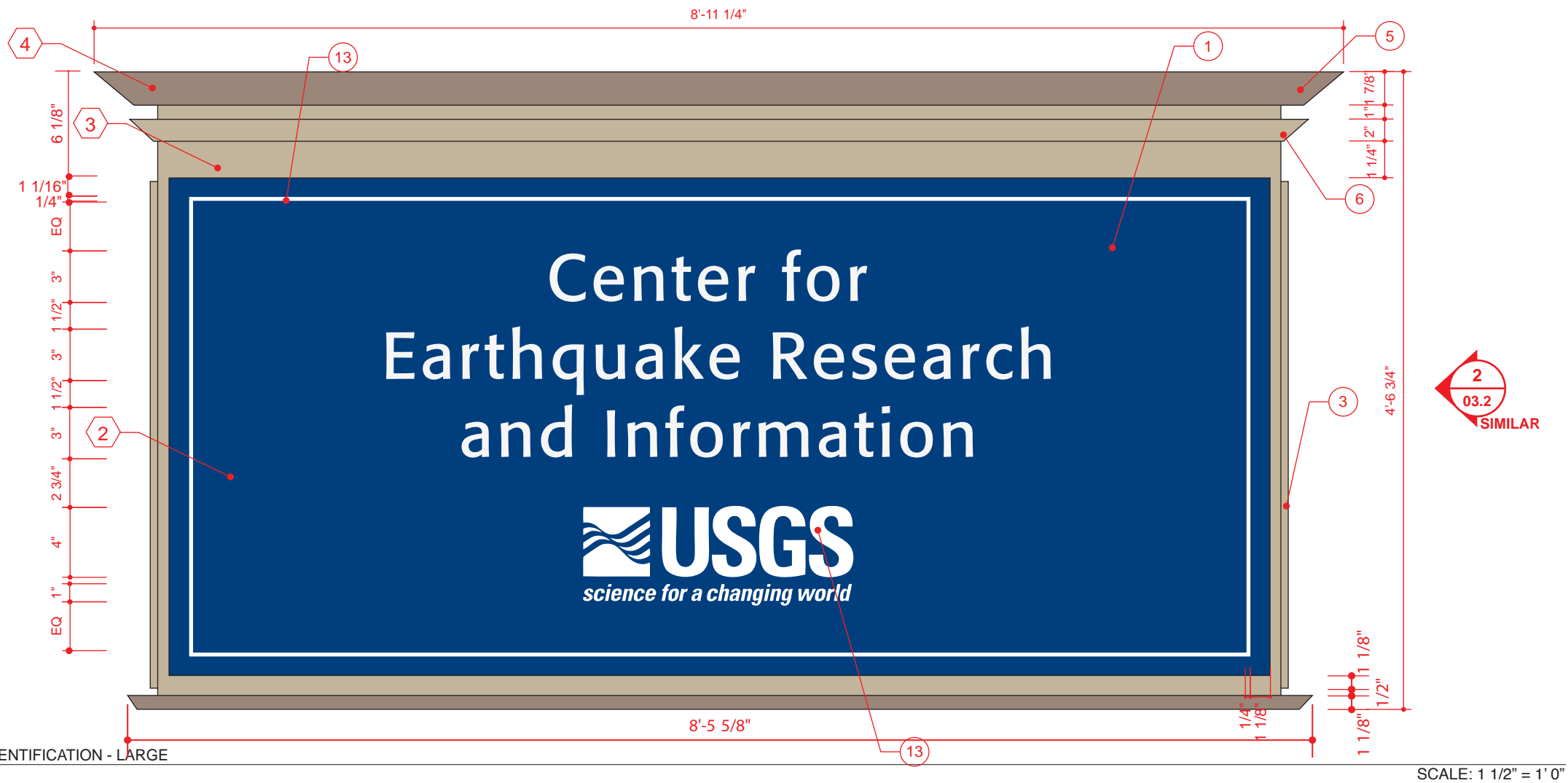
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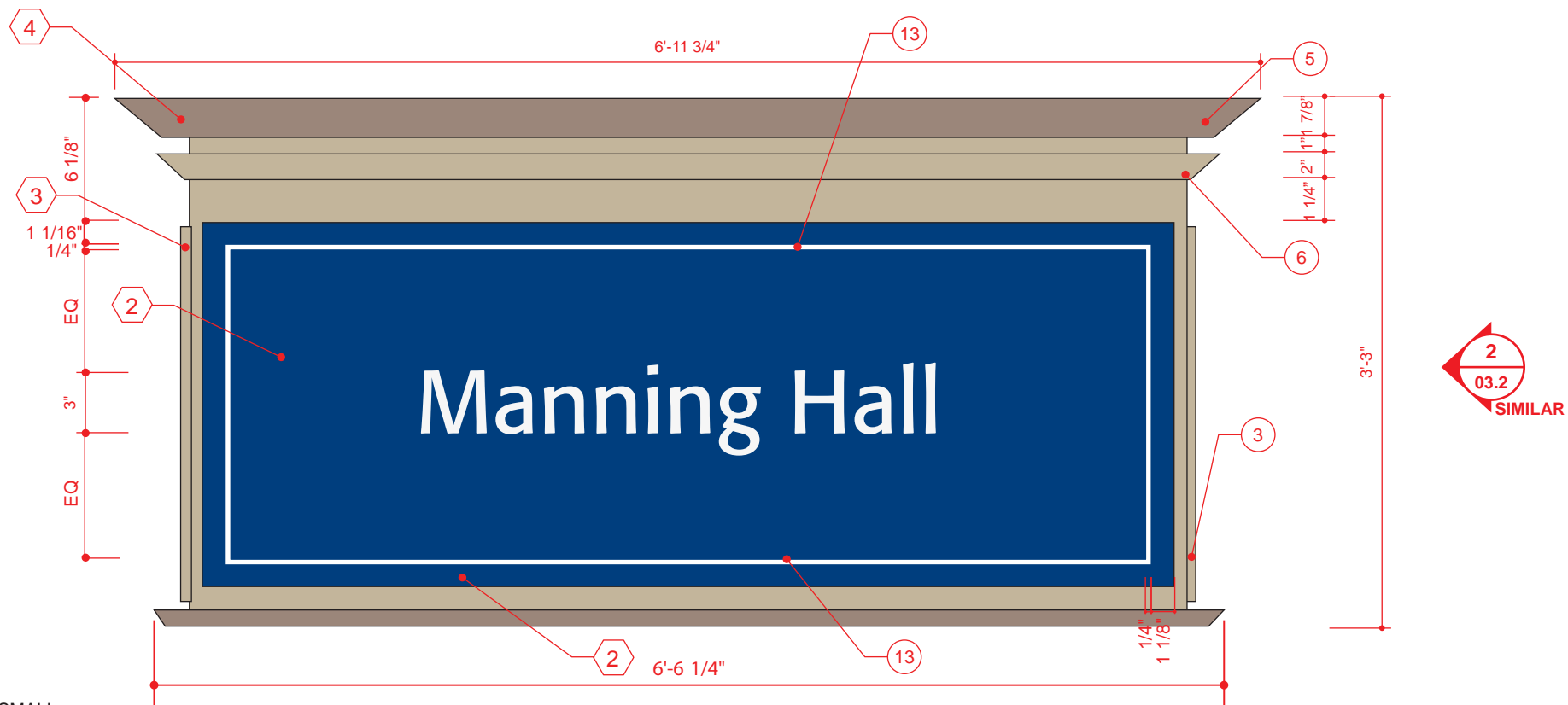
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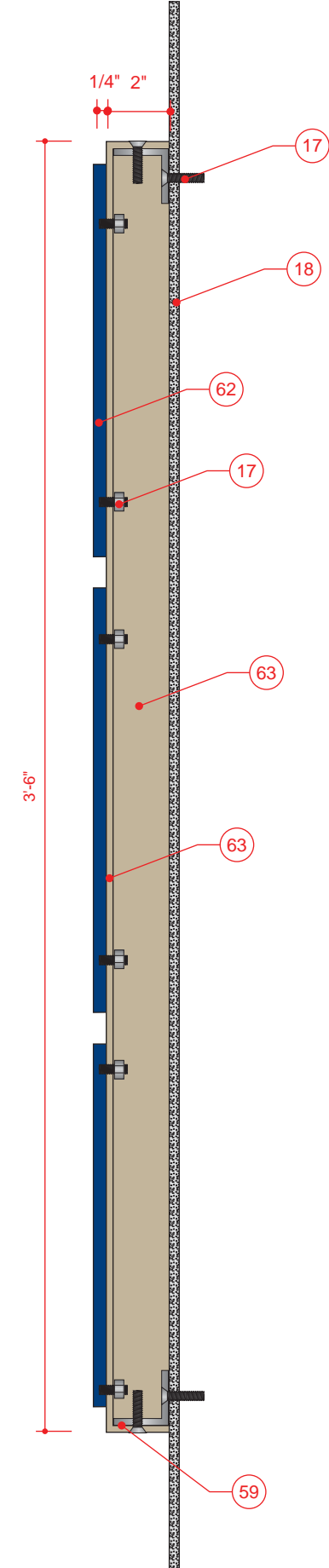
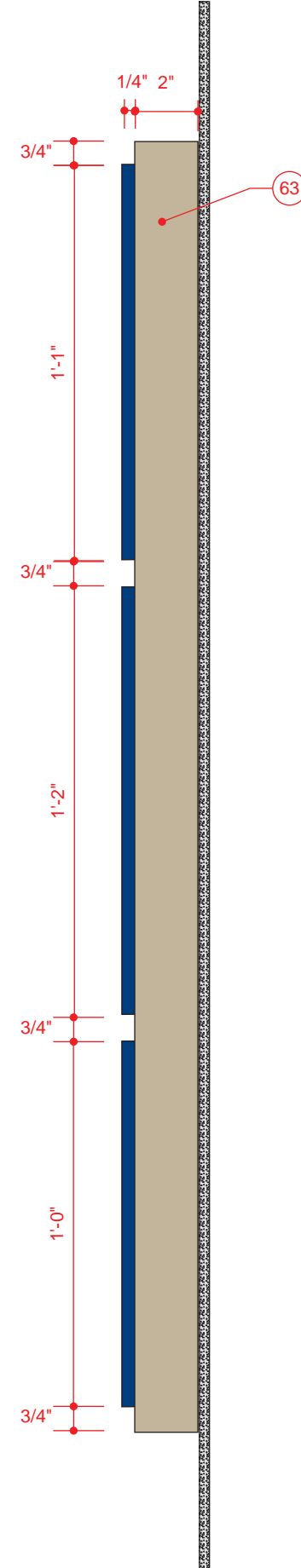
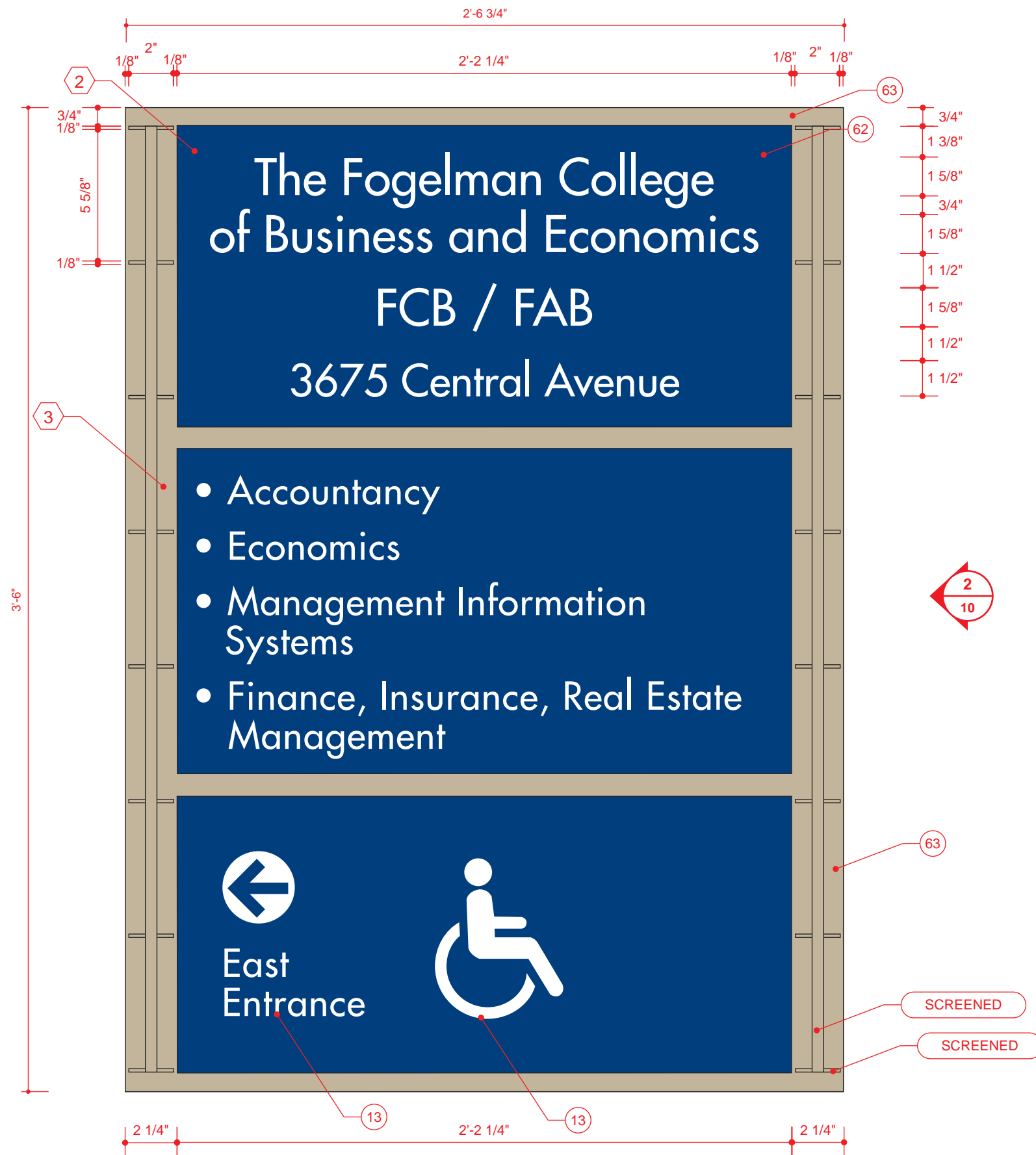


1 WALL MOUNT BUILDING IDENTIFICATION - LARGE ELEVATION



2 WALL MOUNT BUILDING IDENTIFICATION - SMALL ELEVATION

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REVISION	2	01-31-13	
DRAWING TITLE			
WALL MOUNT BUILDING IDENTIFICATION LARGE / SMALL			
NOTES			



1 BUILDING DIRECTORY WALL MOUNT
ELEVATION

SCALE: 3/16" = 1"

2 BUILDING DIRECTORY WALL MOUNT
END VIEW

SCALE: 3/16" = 1"

3 BUILDING DIRECTORY WALL MOUNT
SECTION

SCALE: 3/16" = 1"

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REVISION 2 01-31-13

DRAWING TITLE

BUILDING DIRECTORY WALL MOUNT

NOTES

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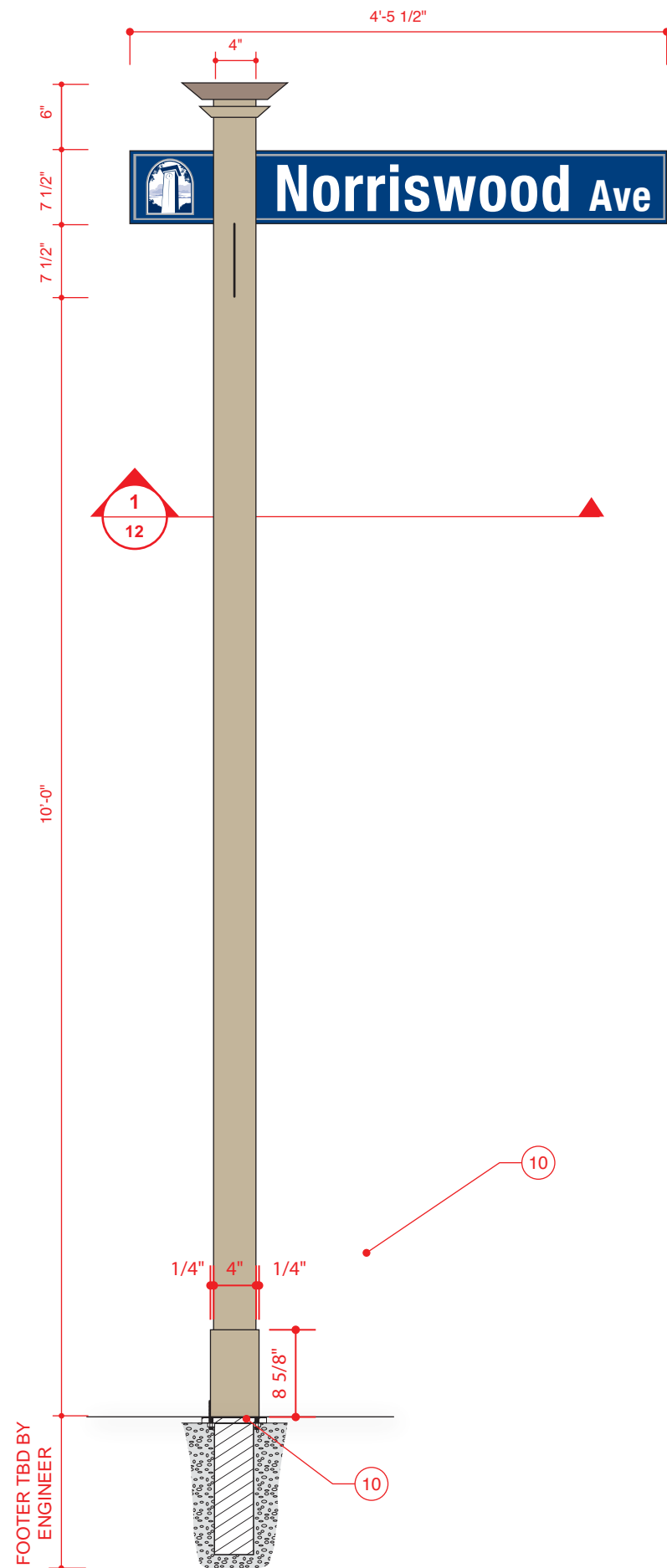
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1 FREESTANDING STREET SIGN
ELEVATION

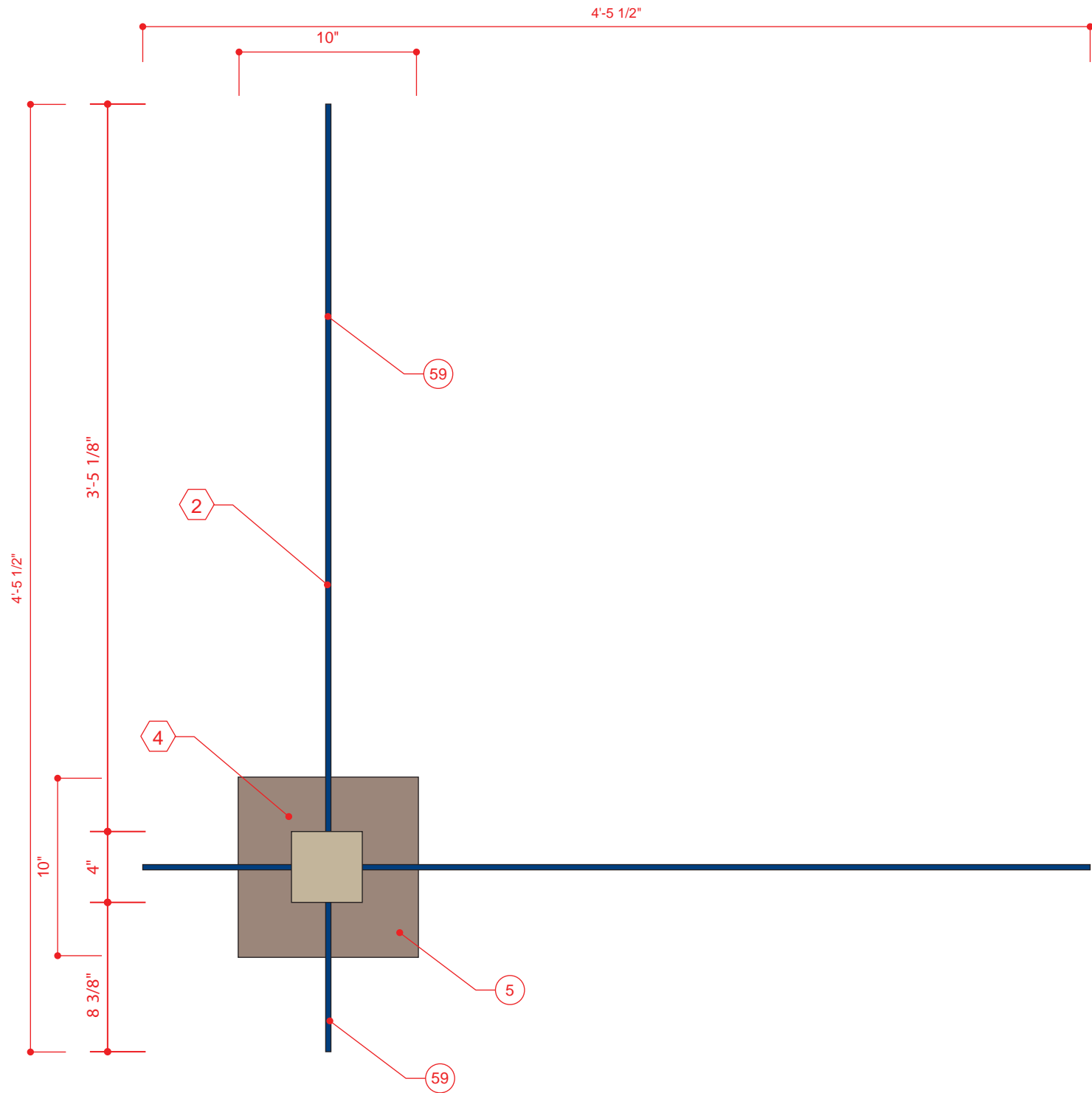
SCALE: 3/4" = 1' 0"

2 FREESTANDING STREET SIGN
DETAIL VIEW



SCALE: 1/8" = 1'-0"

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REVISION	2	01-31-13	
DRAWING TITLE			
FREESTANDING STREET SIGN			
NOTES			



1 STREET SIGN MULTI-BLADE
ELEVATION



SCALE: 1/8" = 1"

301 EAST MAIN STREET - CARNEGIE, PA 15106

VOICE 412.429.4071

FAX 412.429.4074

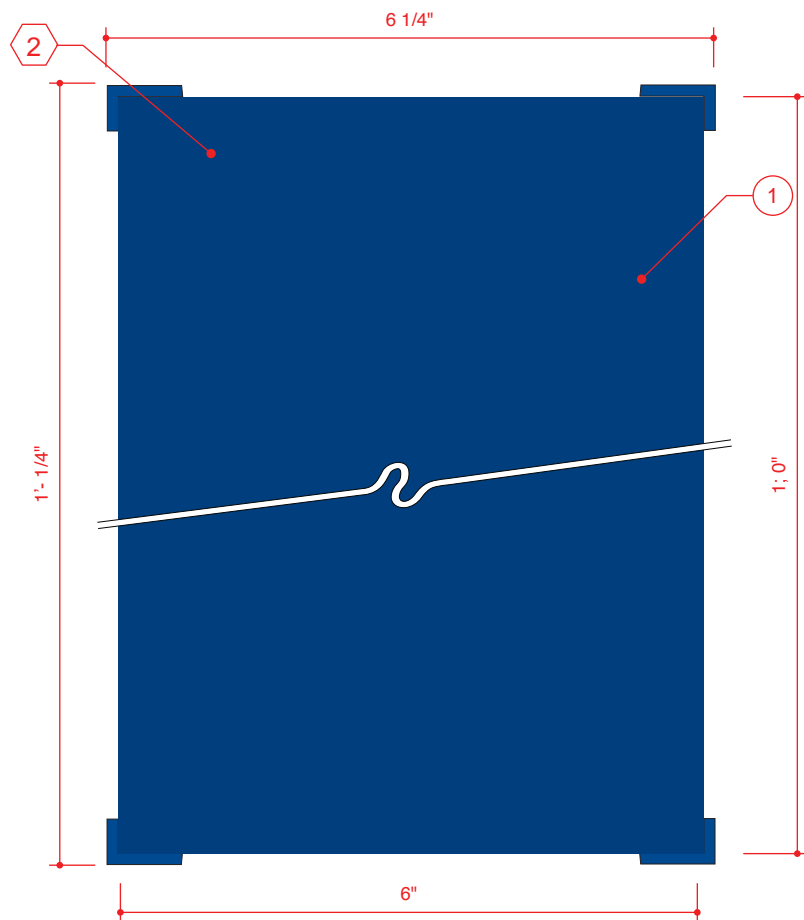
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REVISION		04-18-12	
REVISION		01-31-13	
DRAWING TITLE			
STREET SIGN MULTI-BLADE			
NOTES			



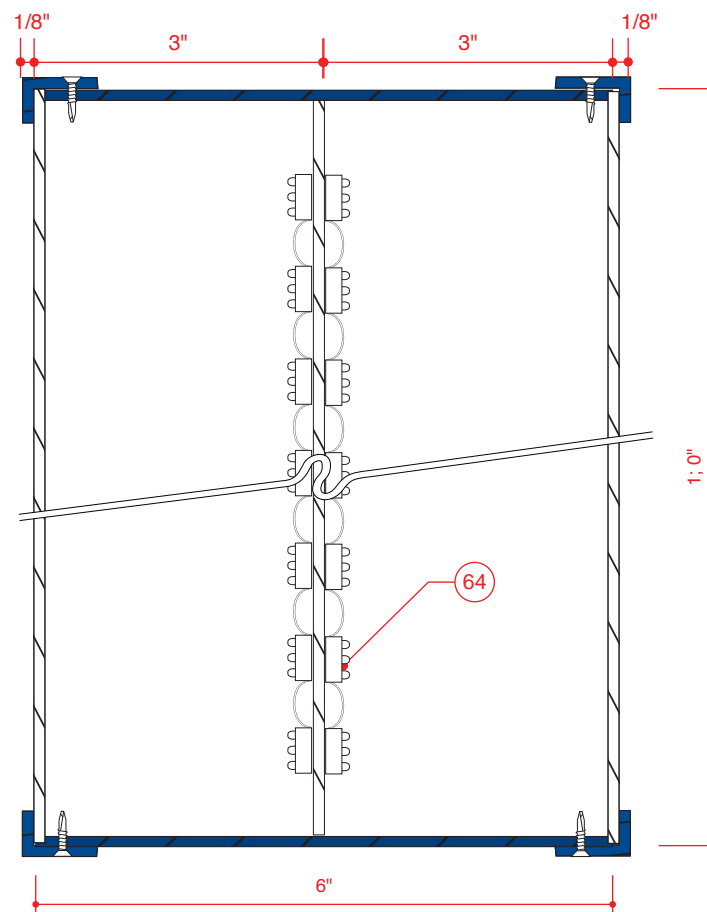
1 STREET SIGN OVERHEAD
ELEVATION

SCALE: 1 1/2" = 1' 0"





2 STREET SIGN OVERHEAD
END VIEW

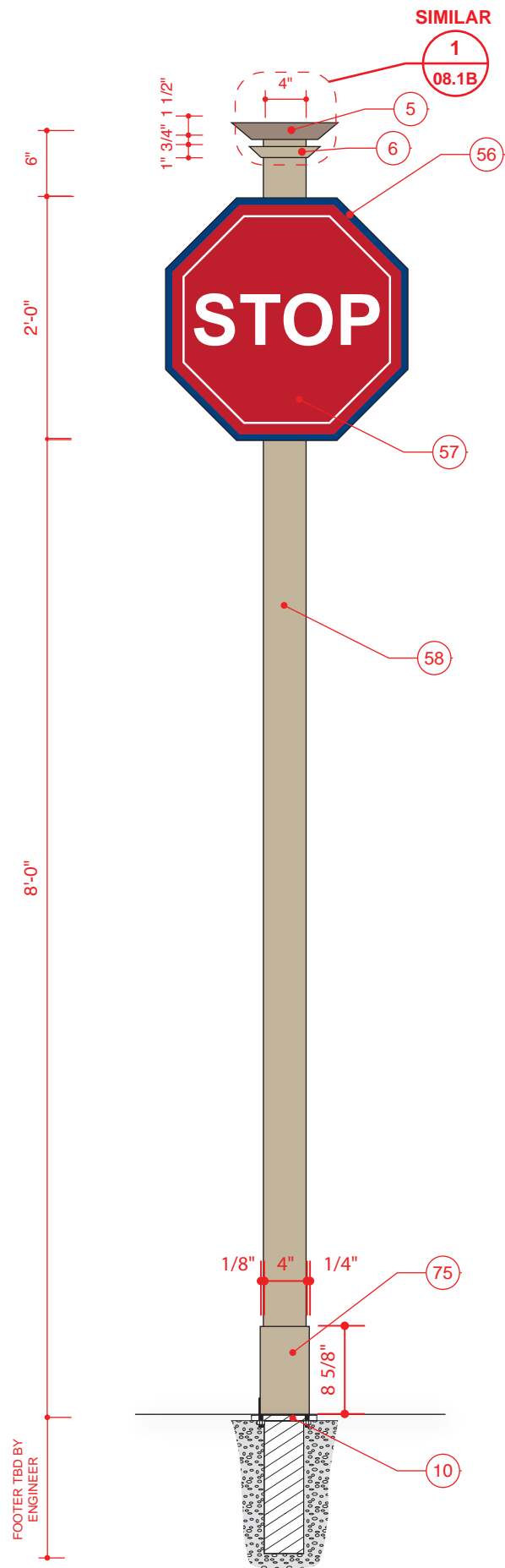
SCALE: 1 1/2" = 1'-0"



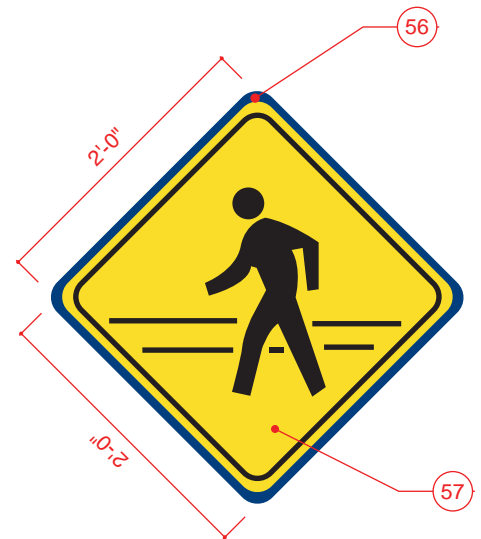
3 STREET SIGN OVERHEAD
SECTION VIEW

SCALE: 1 1/2" = 1'-0"

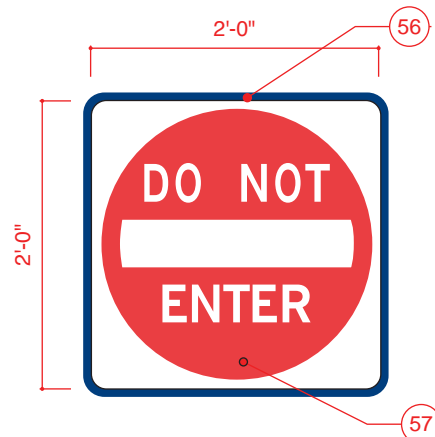
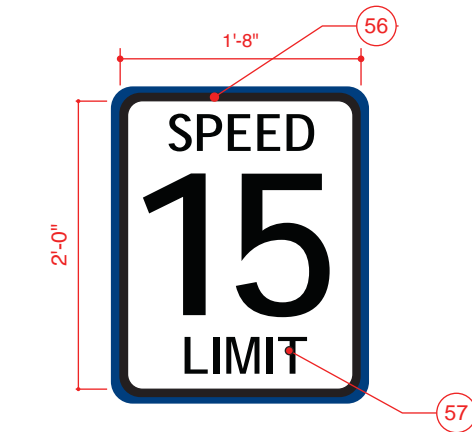
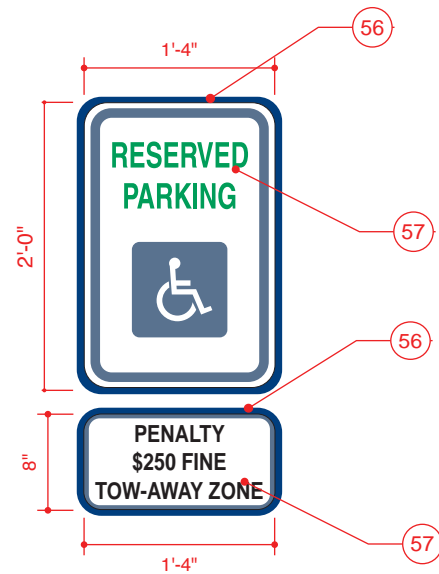
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CONSTRUCTION DOCUMENTS		06-15-11	
REVISION NUMBER			
REVISION		04-18-12	
REVISION		01-31-13	
DRAWING TITLE			
STREET SIGN OVERHEAD			
NOTES			



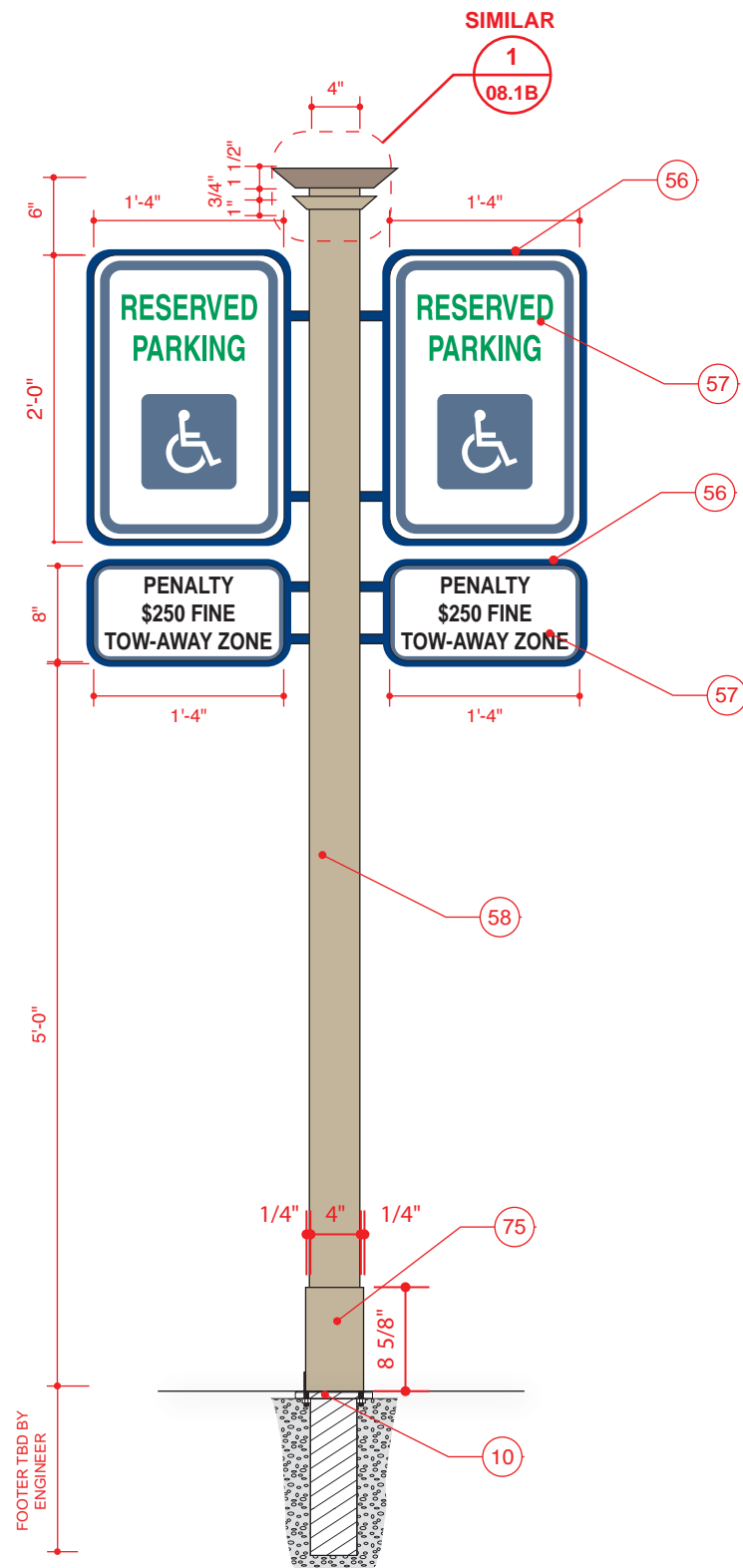
1 DOT IDENTIFICATION ELEVATION
SCALE: 3/4" = 1' 0"



2 DOT IDENTIFICATION SIGN FACE ELEVATION
SCALE: 3/4" = 1' 0"



3 DOT IDENTIFICATION ELEVATION
SCALE: 3/4" = 1' 0"




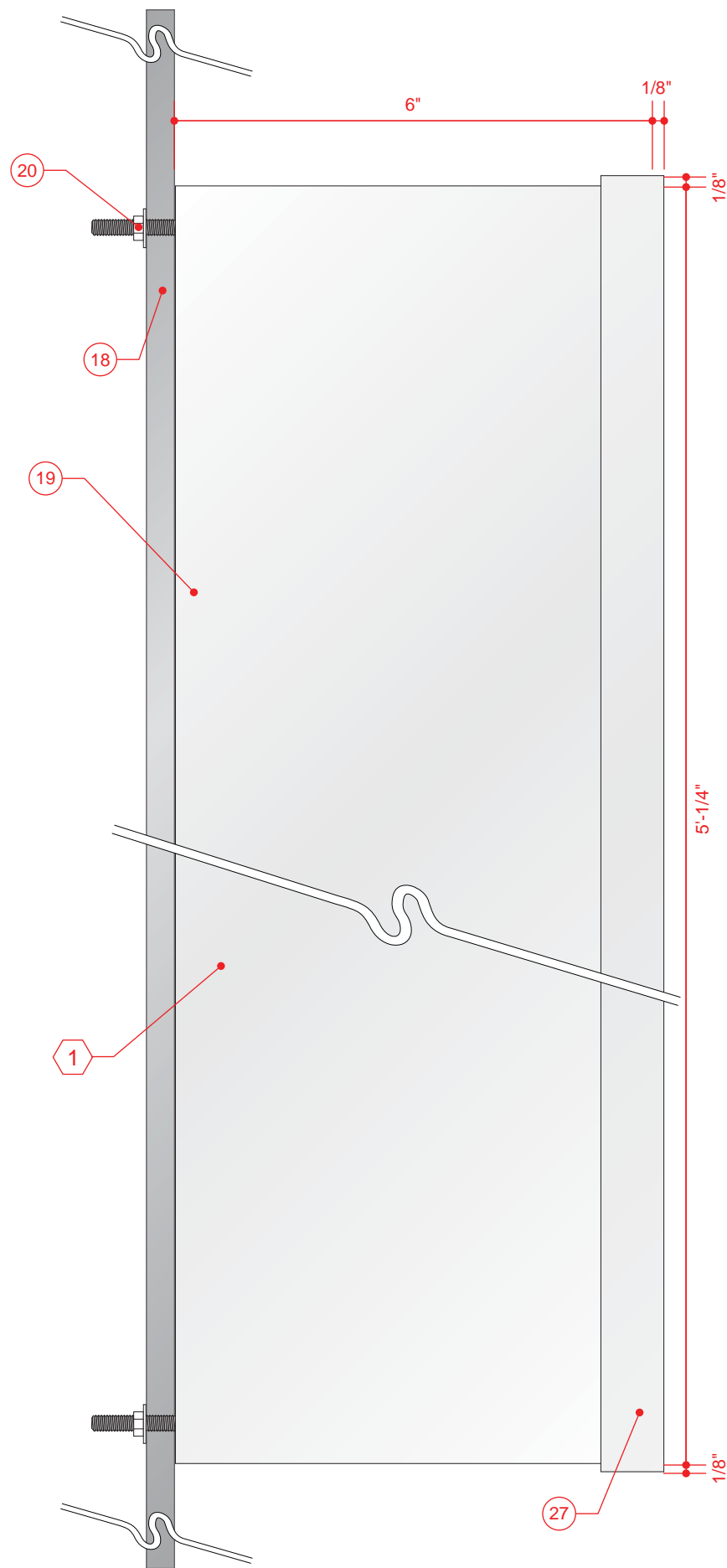
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CONSTRUCTION DOCUMENTS		06-15-11	
REVISION NUMBER			
REVISION	1	04-18-12	
REVISION	2	01-31-13	
DRAWING TITLE			
DOT IDENTIFICATION			
NOTES			



1 WILDER TOWER CHANNEL LETTERS
ELEVATION

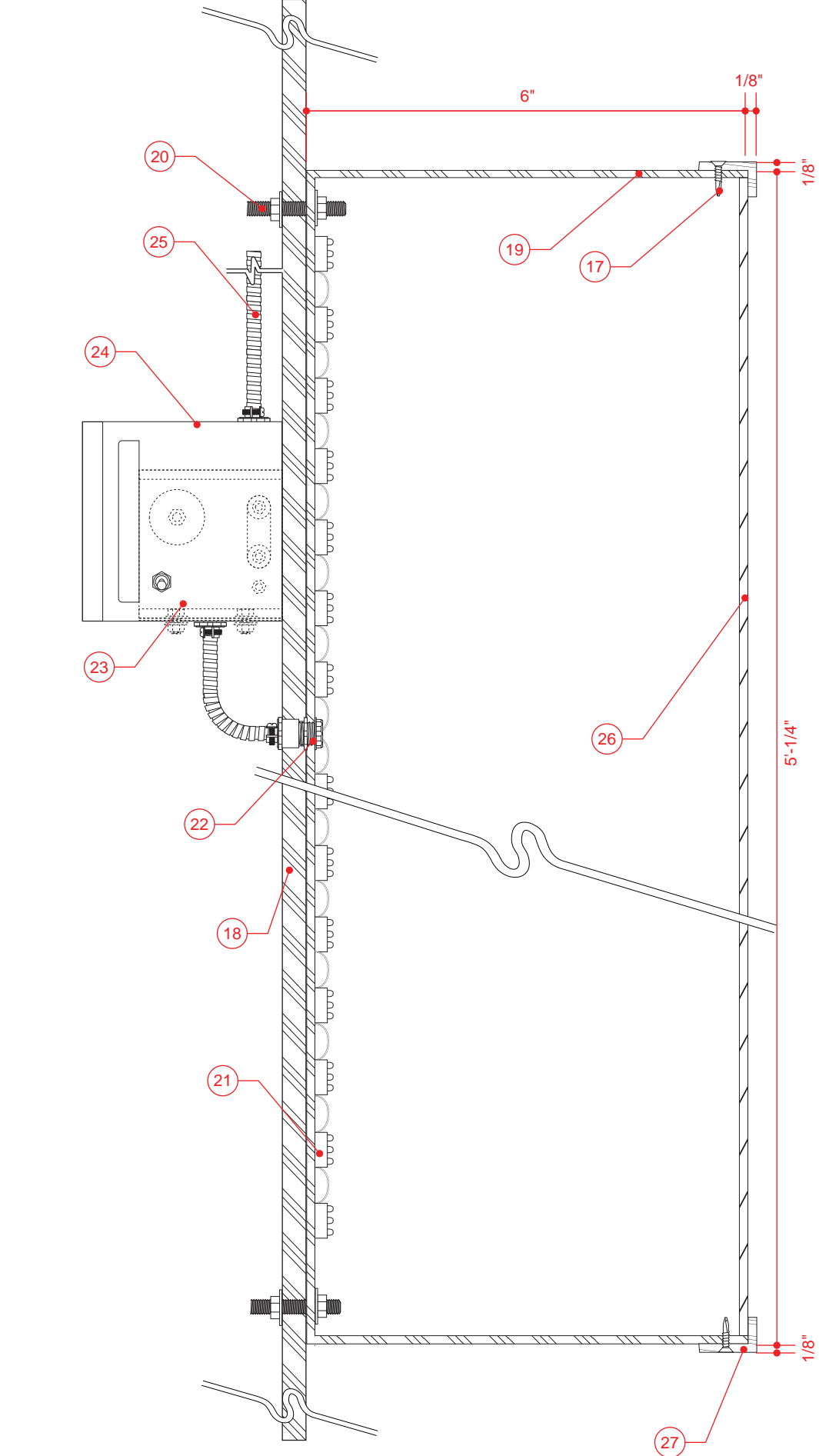
SCALE: 1/4" = 1' - 0"

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CONSTRUCTION DOCUMENTS		06-15-11	
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REVISION	1	04-18-12	
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DRAWING TITLE			
WILDER TOWER CHANNEL LETTERS QUANTITY 2 SETS			
NOTES			
POLYCARBONATE FACES SHALL HAVE NO SEAMS			
FABRICATOR TO VERIFY EXISTING CONDITIONS AND SIZES			
FABRICATOR TO PROVIDE SIGNED AND SEALED STRUCTURAL DRAWINGS			
			
OWNER			
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1009.07			
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15		15	
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1 WILDER TOWER CHANNEL LETTERS
END VIEW

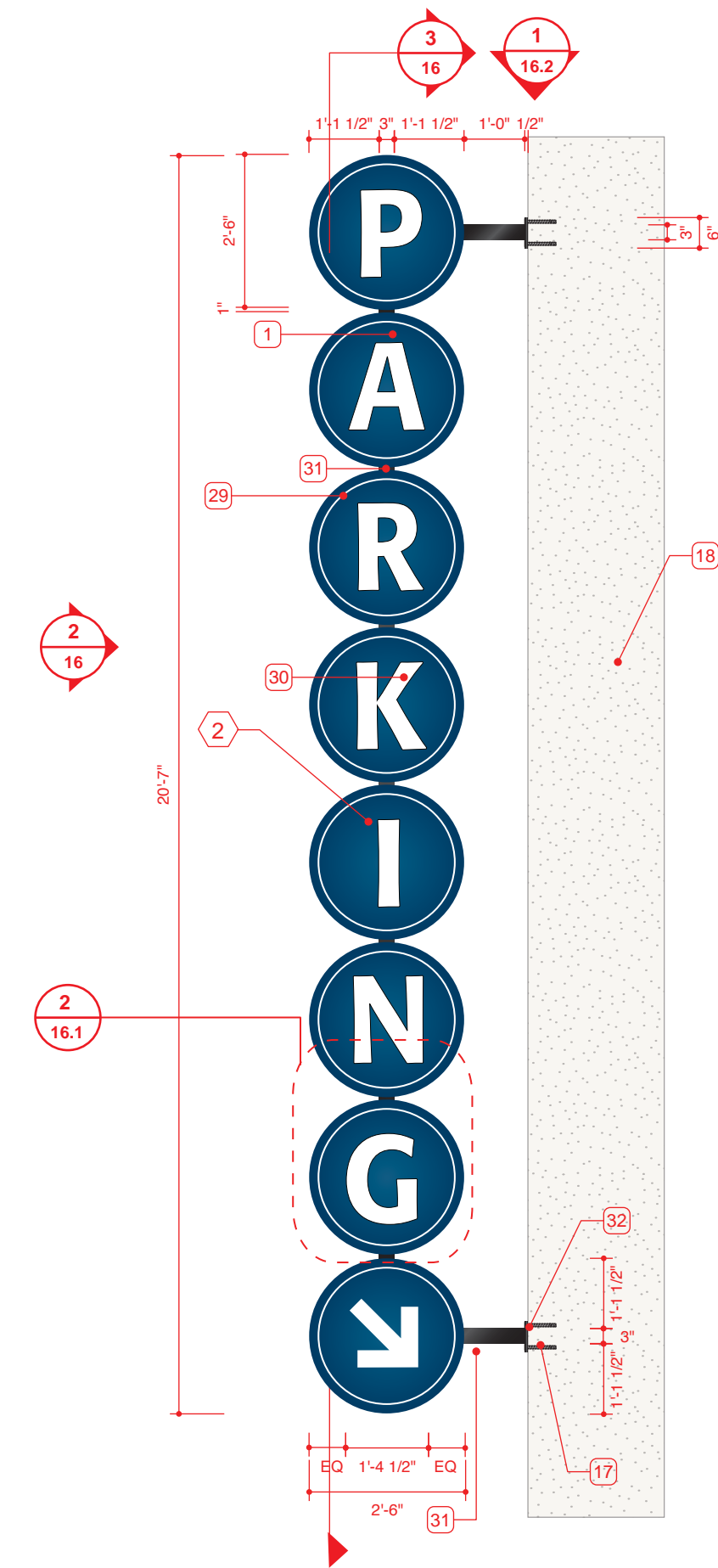
SCALE: 1/2" = 1"



2 WILDER TOWER CHANNEL LETTERS
SECTION

SCALE: 1/2" = 1"

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REVISION	2	01-31-13	
DRAWING TITLE			
WILDER TOWER CHANNEL LETTERS QUANTITY 2 SETS			
NOTES			
POLYCARBONATE FACES SHALL HAVE NO SEAMS			
FABRICATOR TO VERIFY EXISTING CONDITIONS AND SIZES			
FABRICATOR TO PROVIDE SIGNED AND SEALED STRUCTURAL DRAWINGS			
			
OWNER			
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PROJECT NUMBER			
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SIGN TYPE		SHEET NO.	
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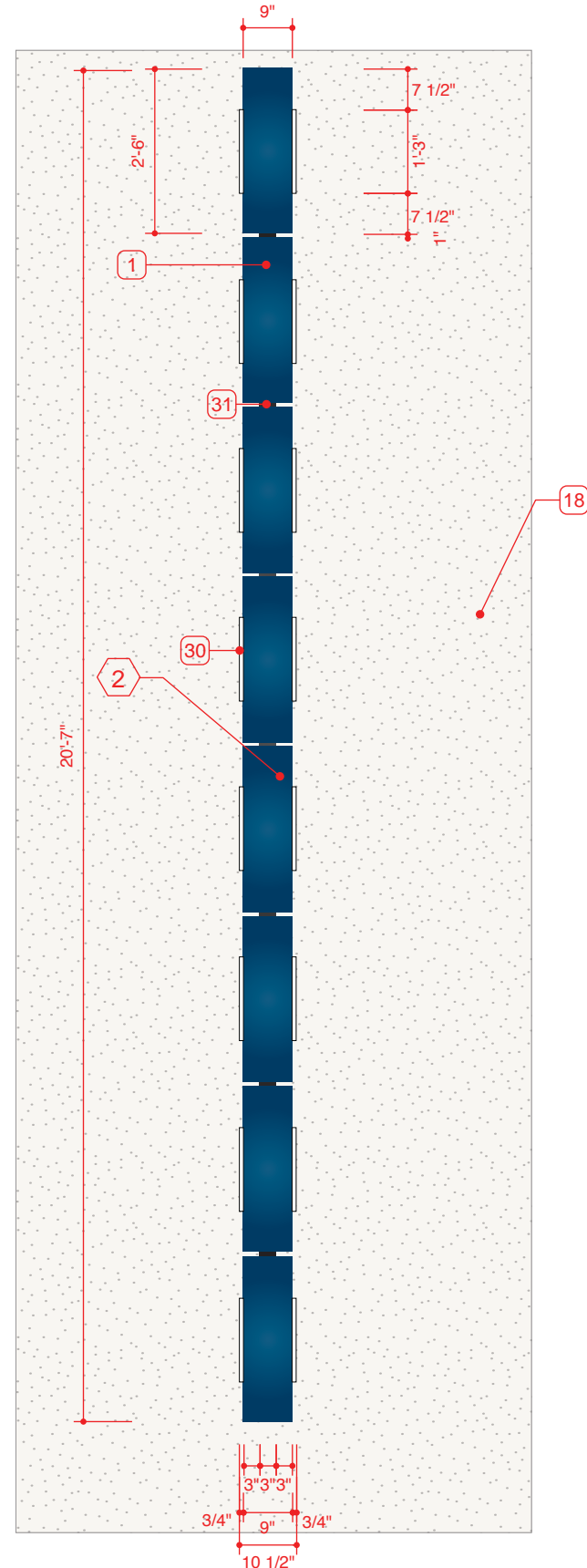


1 PARKING GARAGE ENTRANCE IDENTIFICATION
ELEVATION

SCALE: 3/8" = 1' - 0"

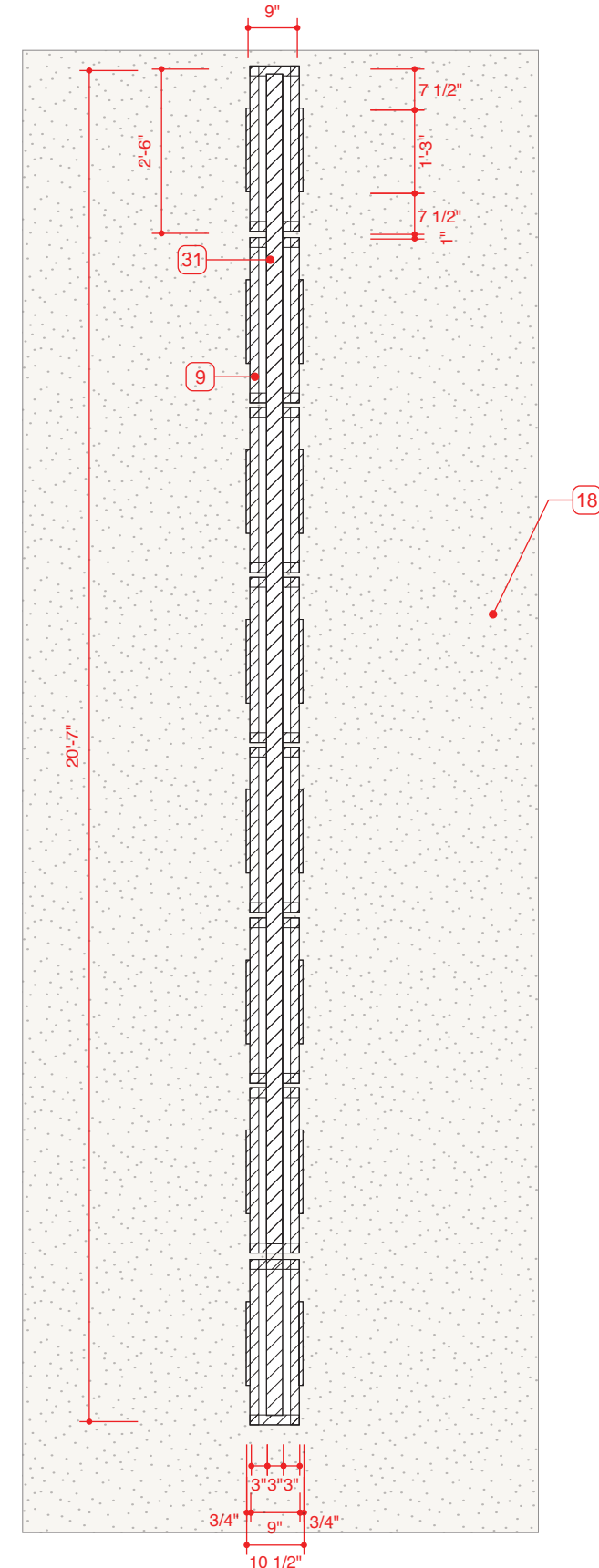
2 PARKING GARAGE ENTRANCE IDENTIFICATION
END VIEW



SCALE: 3/8" = 1' - 0"

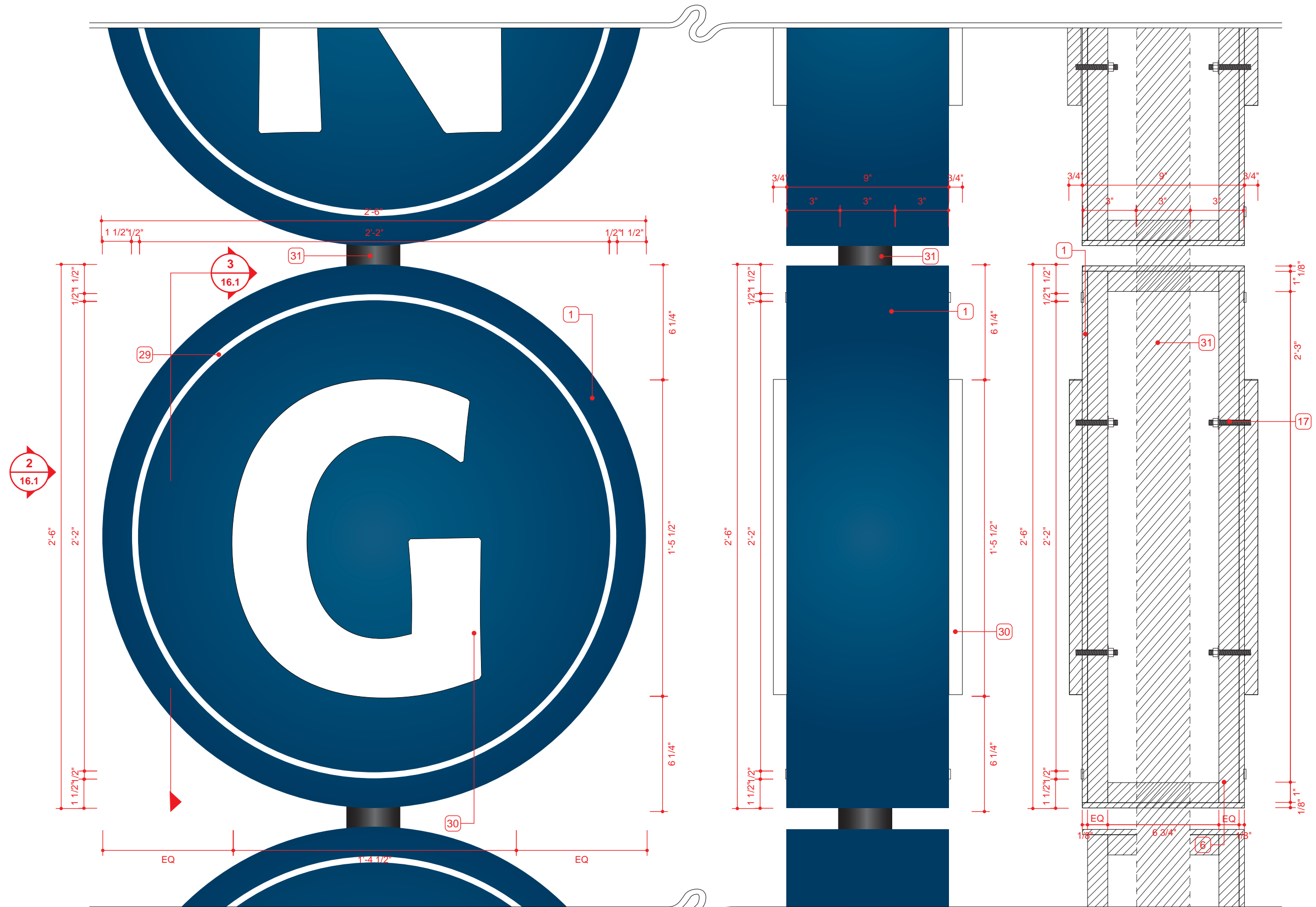


3 PARKING GARAGE ENTRANCE IDENTIFICATION
SECTION

SCALE: 3/8" = 1' - 0"



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DRAWING TITLE			
PARKING GARAGE IDENTIFICATION			
NOTES			



1 PARKING GARAGE ENTRANCE IDENTIFICATION
ELEVATION

SCALE: 3/16" = 1"

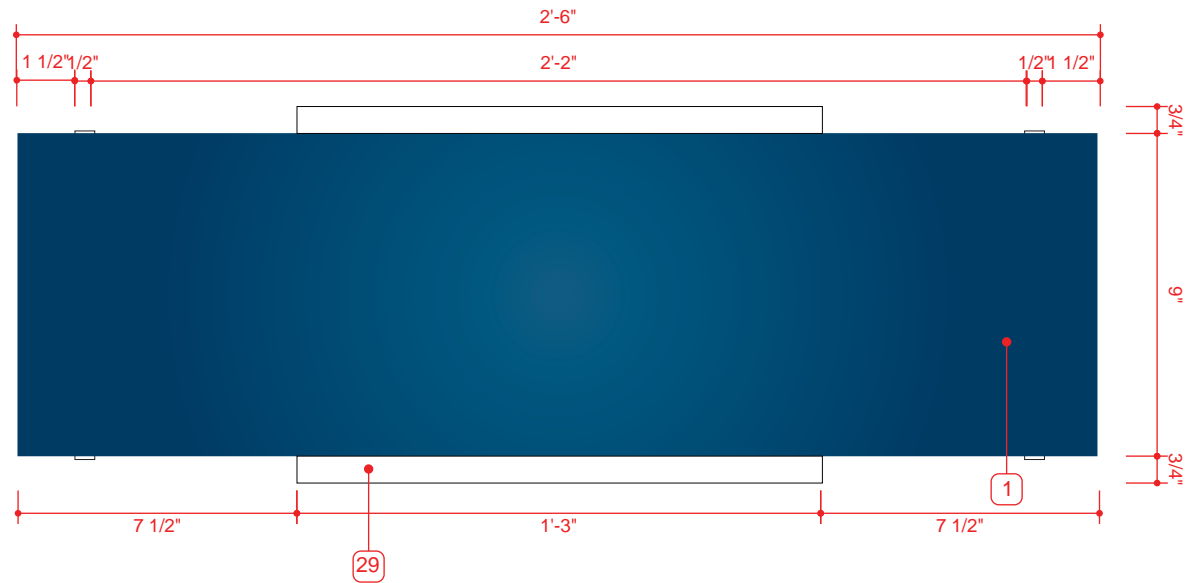
2 PARKING GARAGE ENTRANCE ID
END VIEW

SCALE: 3/16" = 1"

3 PARKING GARAGE ENTRANCE ID
SECTION

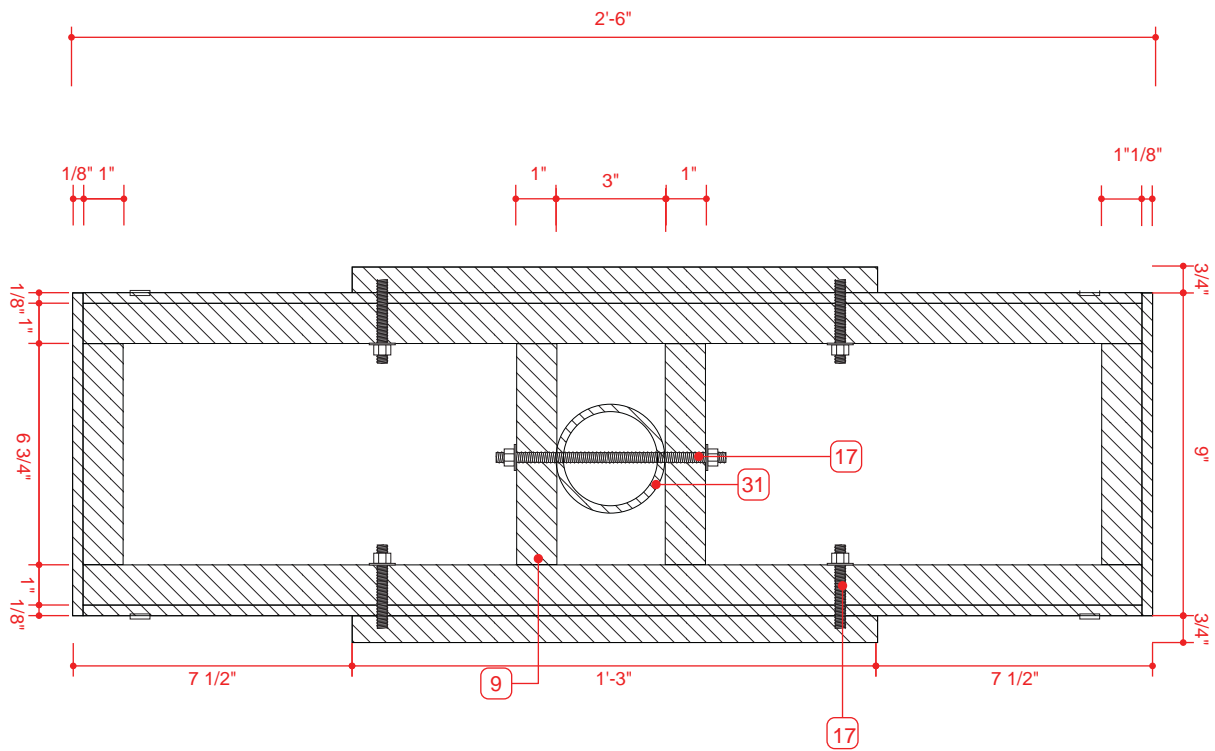
SCALE: 3/16" = 1"

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CONSTRUCTION DOCUMENTS		06-15-11	
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DRAWING TITLE			
PARKING GARAGE IDENTIFICATION			
NOTES			



1 PARKING GARAGE ENTRANCE IDENTIFICATION
PLAN VIEW

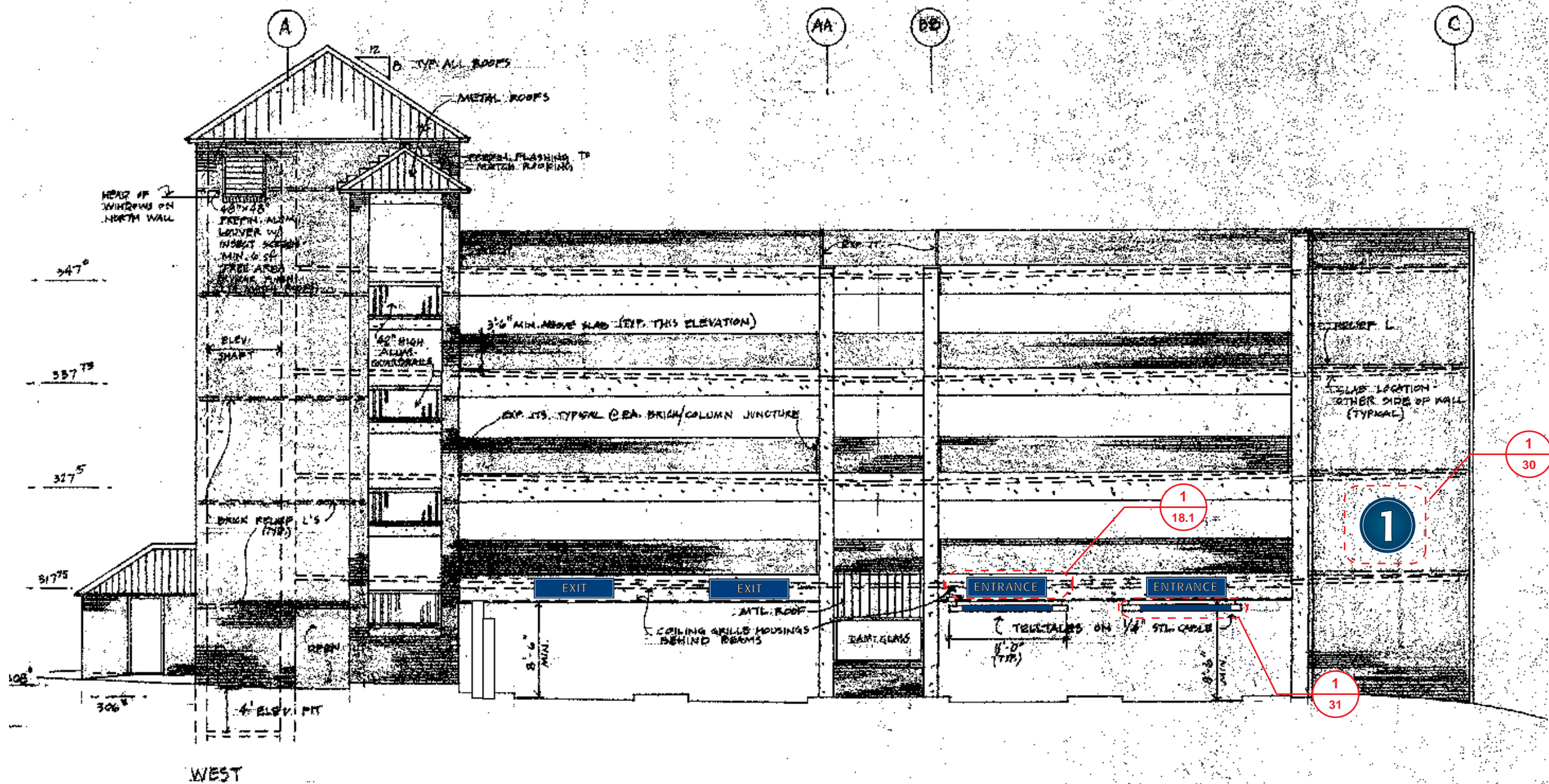
SCALE: 3/16" = 1"



2 PARKING GARAGE ENTRANCE IDENTIFICATION
HORIZONTAL SECTION



SCALE: 3/16" = 1"

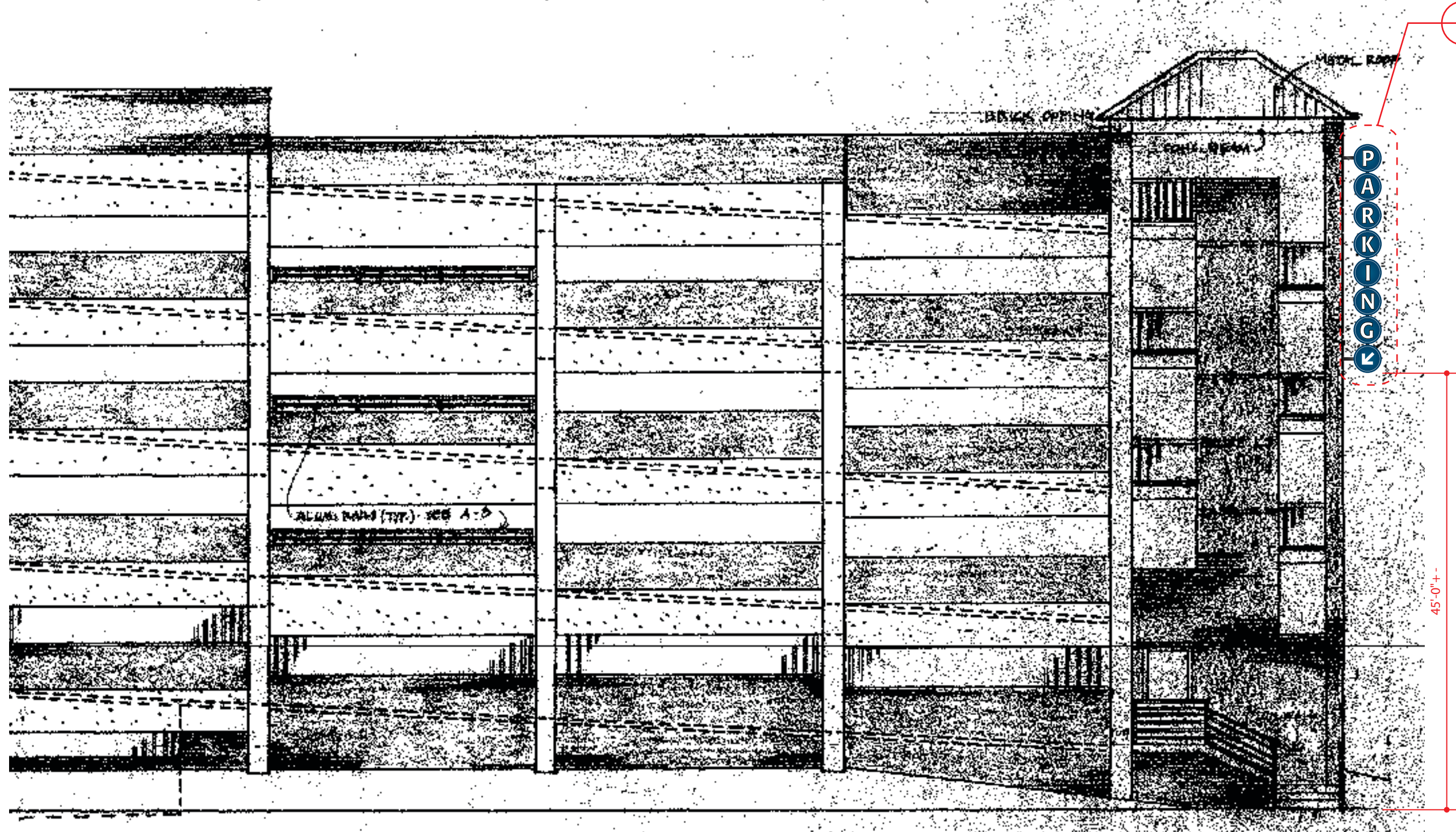
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FAS 06-09-11		BJM 06-10-11	
ISSUED FOR / DATE			
CONSTRUCTION DOCUMENTS		06-15-11	
REVISION NUMBER			
REVISION	1	04-18-12	
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DRAWING TITLE			
PARKING GARAGE IDENTIFICATION			
NOTES			



1 PARKING GARAGE IDENTIFICATION
ELEVATION

SCALE: NTS

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REVISION NUMBER			
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REVISION		01-31-13	
DRAWING TITLE			
PARKING GARAGE IDENTIFICATION			
NOTES			
29. 1/2" ACCENT LINE PAINTED WHITE			
30. 1" WHITE PVC			
31. 3" STEEL SUPPORT TUBE THROUGH ALL SEVEN INDIVIDUAL CANS PAINTED PMS BLACK			
32. 6" X 6" X 1/2" STEEL MOUNTING PLATE PAINTED BLACK			



1 PARKING GARAGE ENTRANCE IDENTIFICATION
ELEVATION

SCALE: NTS

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FAX 412.429.4074

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PARKING GARAGE IDENTIFICATION

NOTES

OWNER

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APPROVAL / DATE

PROJECT NUMBER

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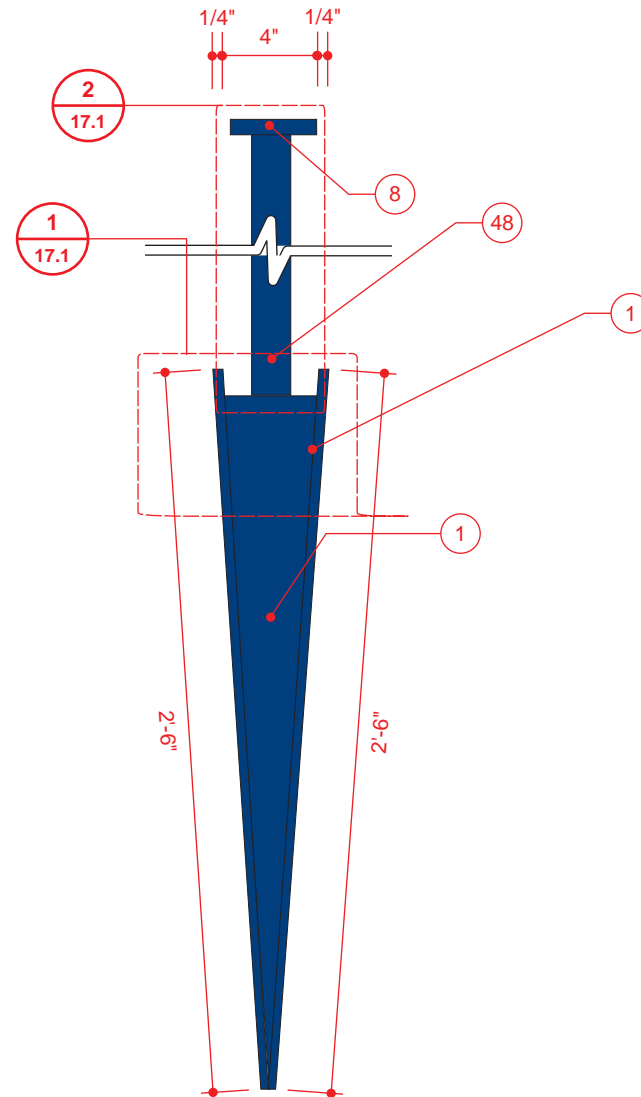
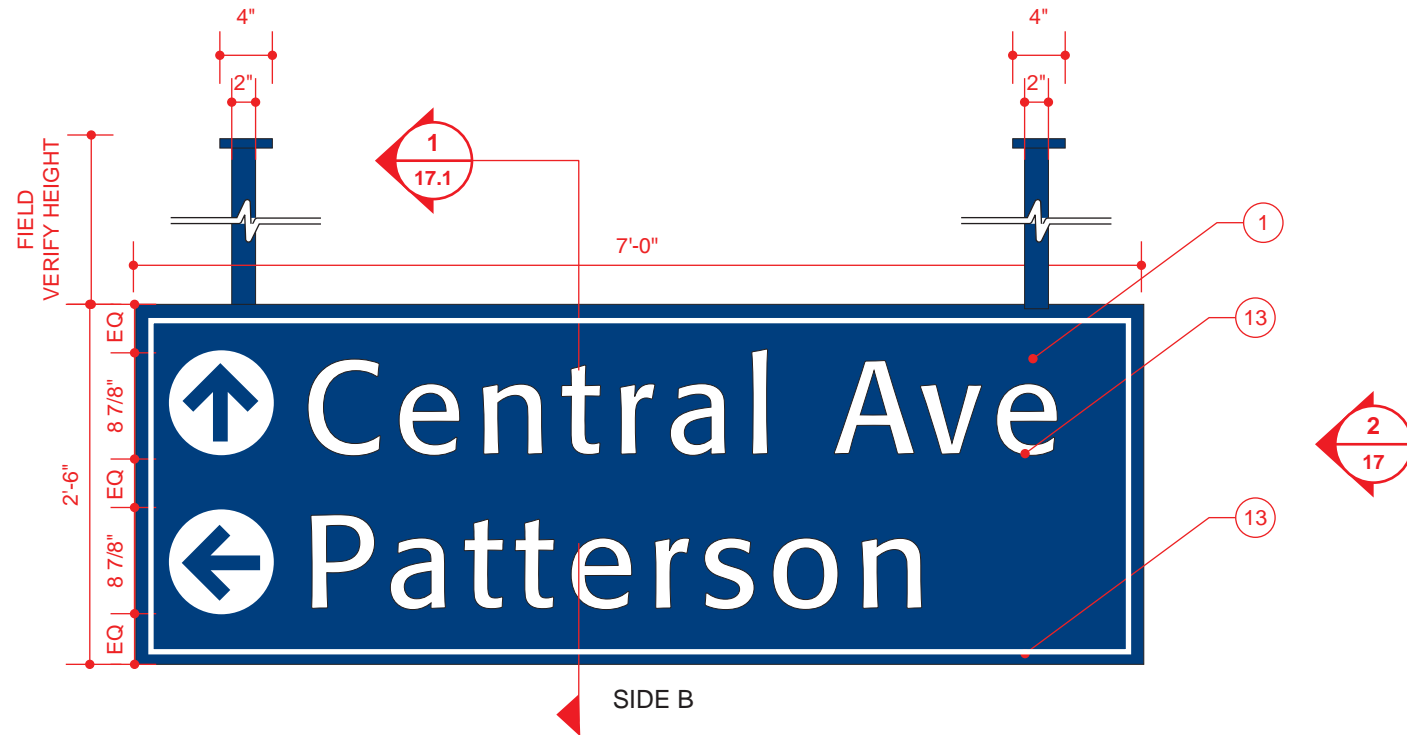
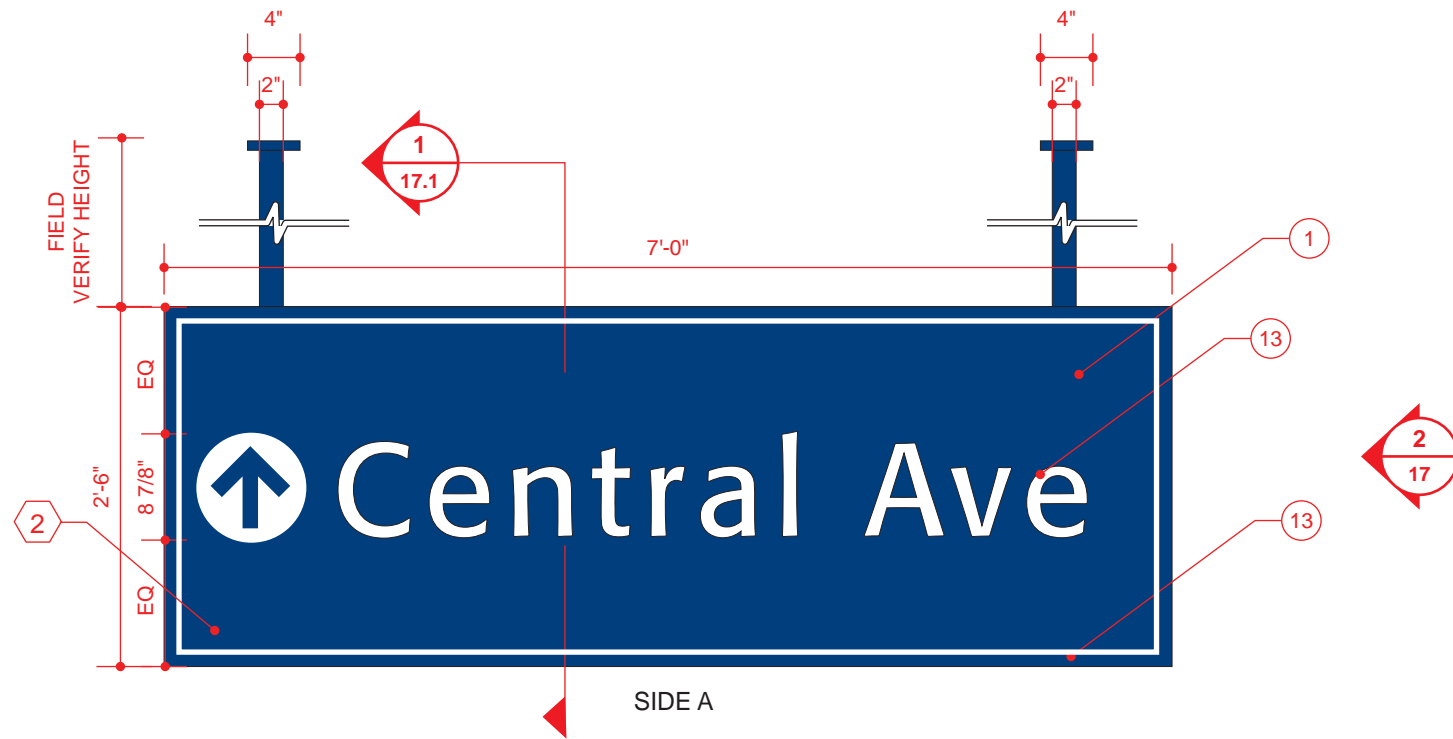
SIGN TYPE

16

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16.4

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1 PARKING DIRECTIONAL
ELEVATION

2 PARKING DIRECTIONAL
END VIEW

SCALE: 3/4" = 1' 0"

SCALE: 3/4" = 1'-0"

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PARKING DIRECTIONAL

NOTES

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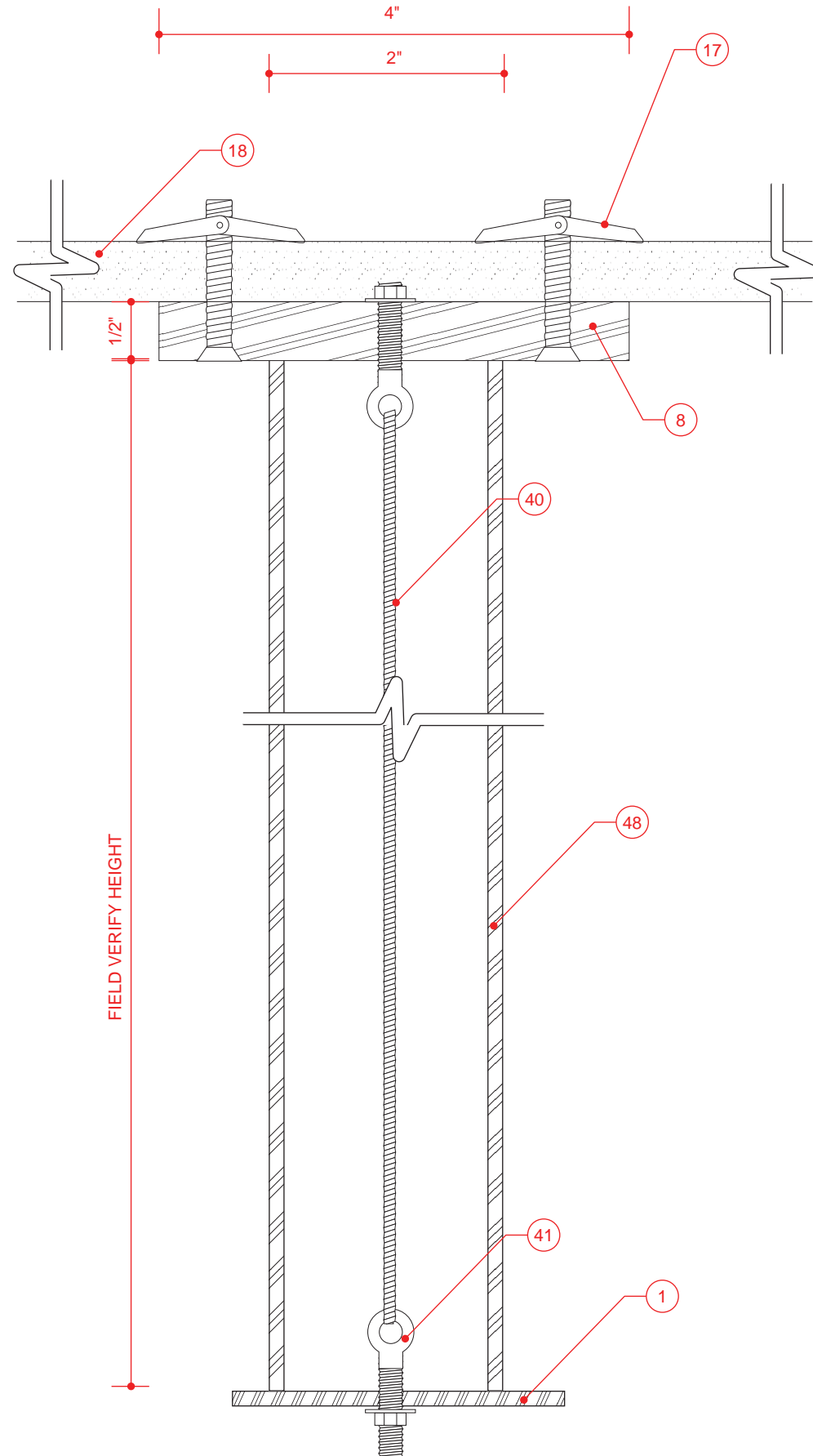
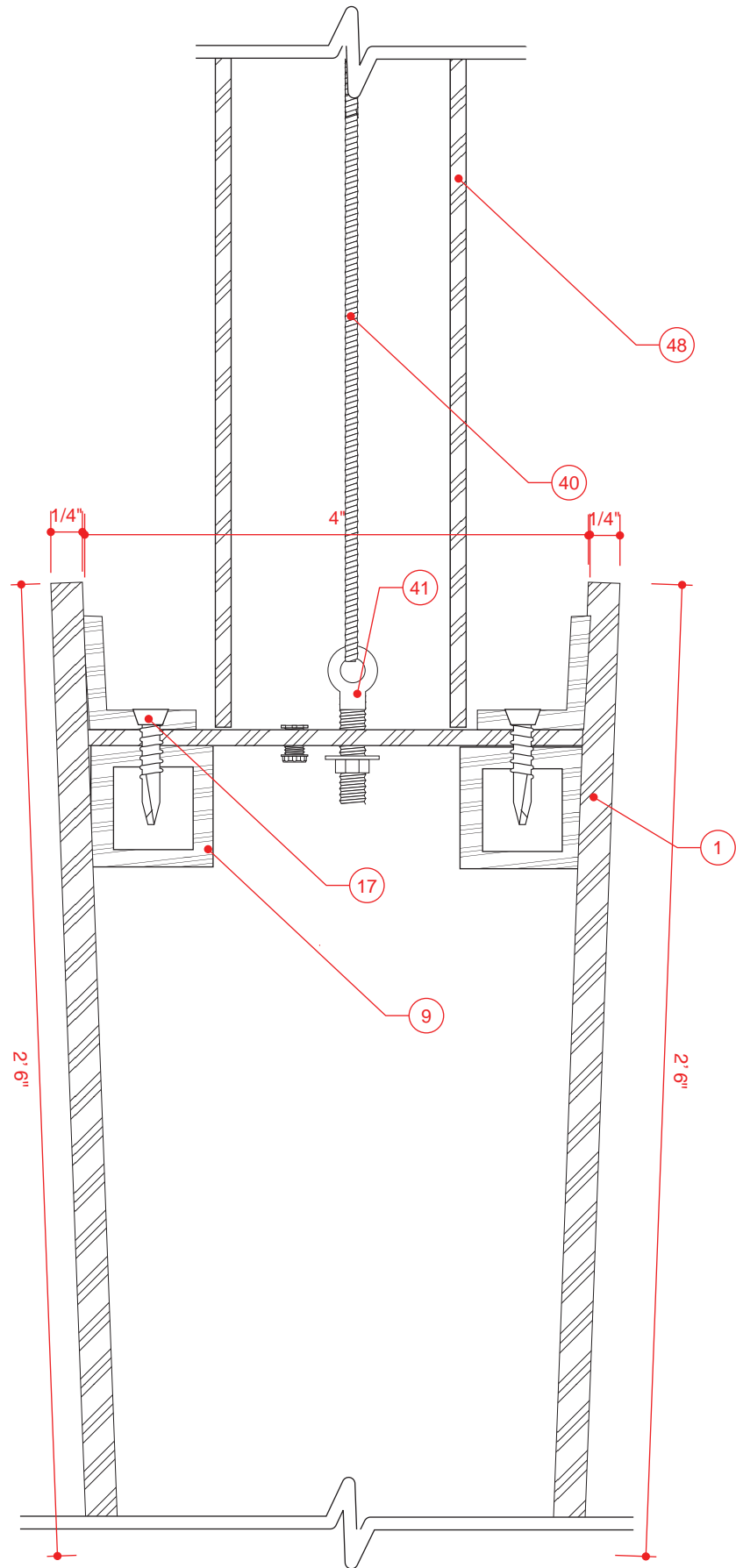
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SHEET NO.

17

17

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1 PARKING DIRECTIONAL
SECTION VIEW

2 PARKING DIRECTIONAL
SECTION VIEW

SCALE: 3/4" = 1"

SCALE: 3/4" = 1"

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DRAWING TITLE

PARKING DIRECTIONAL

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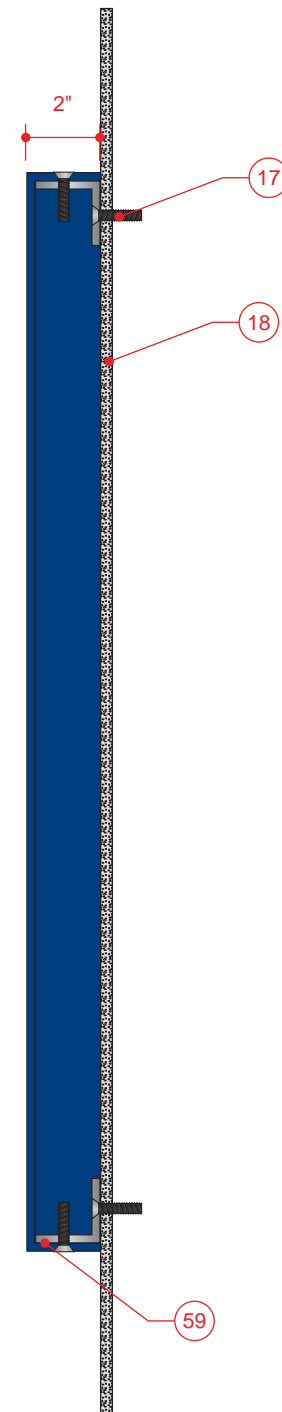
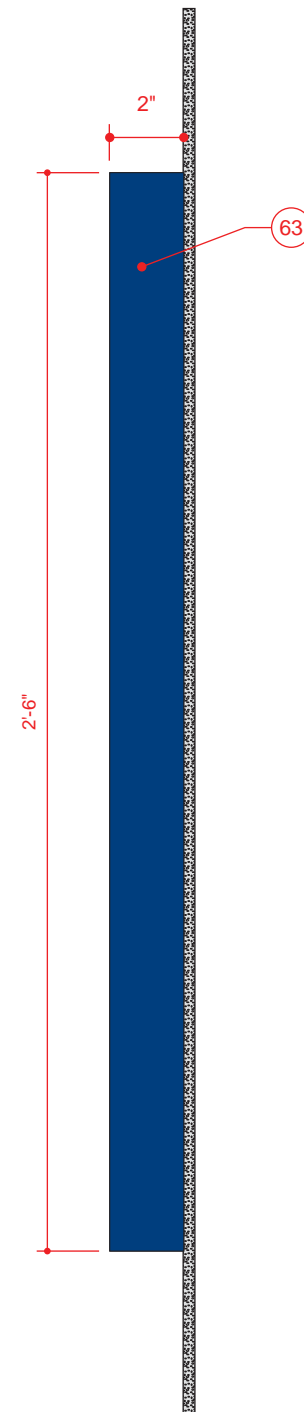
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1 PARKING INFORMATIONAL
ELEVATION

SCALE: 3/4" = 1' 0"

2 PARKING INFORMATIONAL
END VIEW

SCALE: 3/16" = 1"

3 PARKING INFORMATIONAL
SECTION

SCALE: 3/16" = 1"

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DRAWING TITLE

PARKING INFORMATIONAL
WALL MOUNT

NOTES

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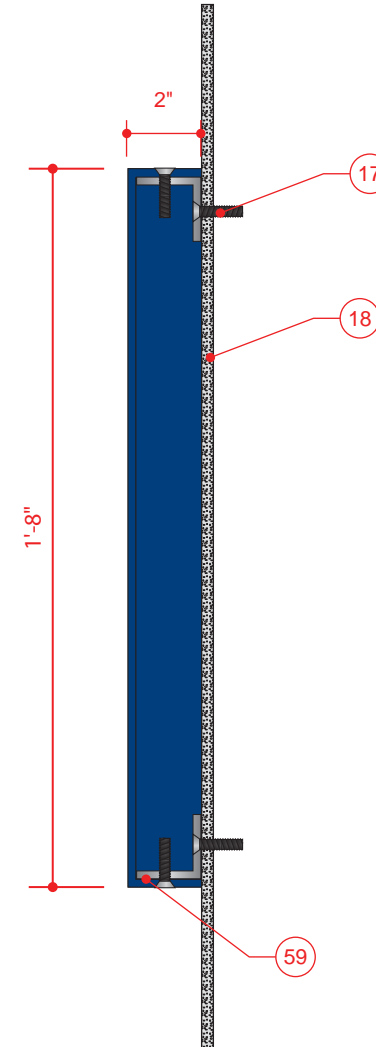
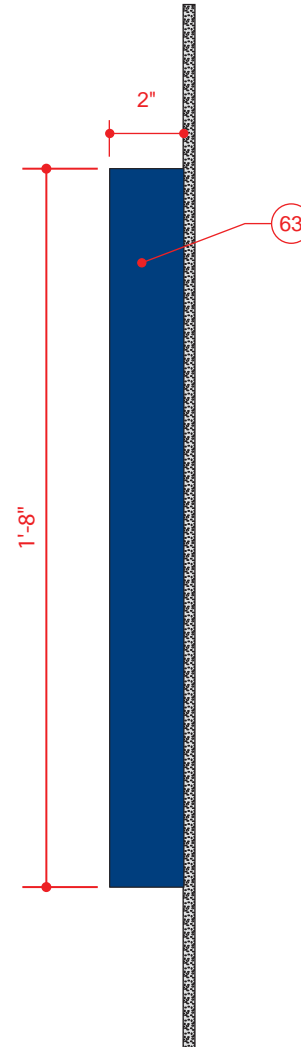
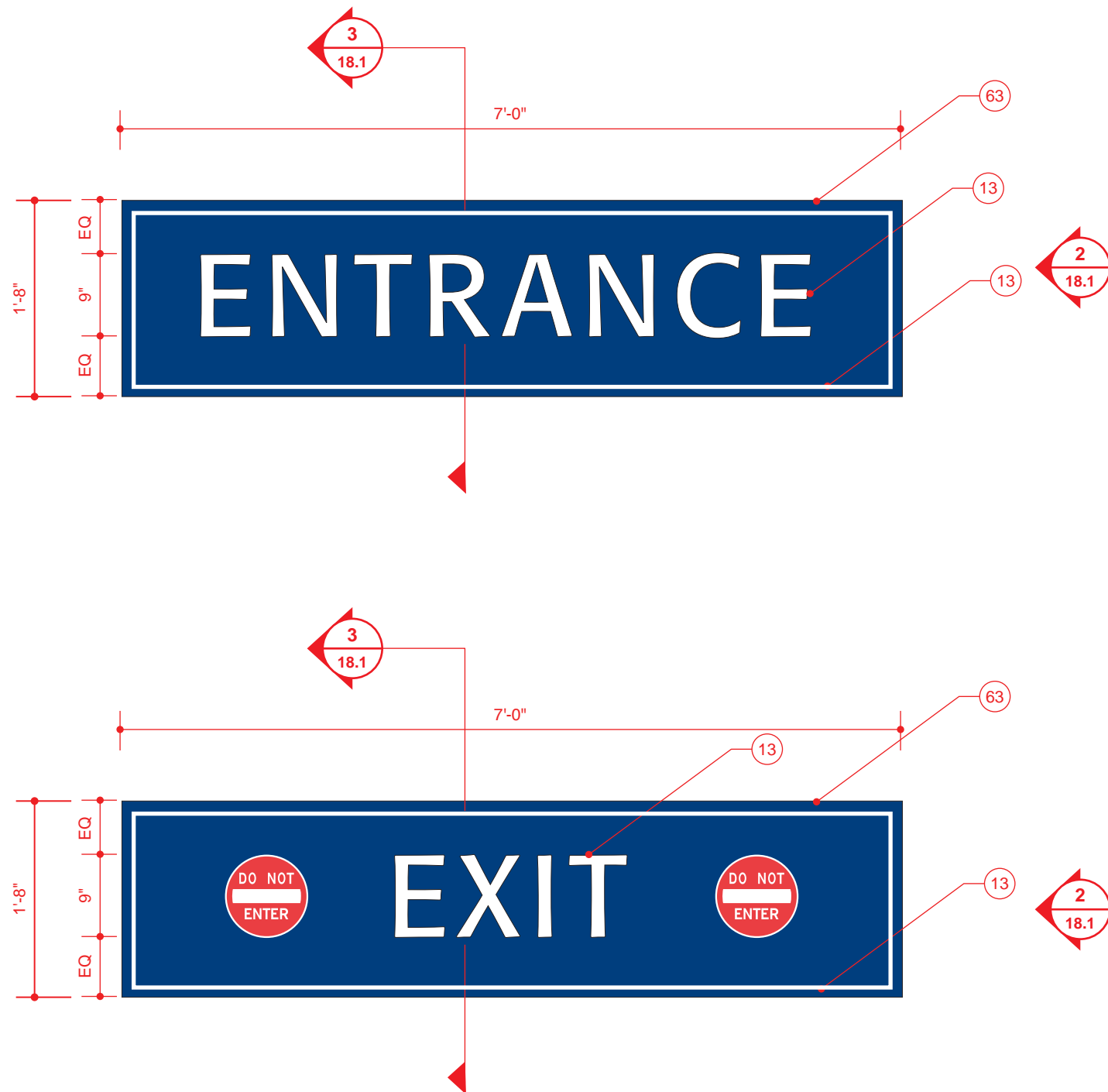
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1 PARKING INFORMATIONAL
ELEVATION

SCALE: 3/4" = 1' 0"

2 PARKING INFORMATIONAL
END VIEW

SCALE: 3/16" = 1"

3 PARKING INFORMATIONAL
SECTION

SCALE: 3/16" = 1"

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18.1

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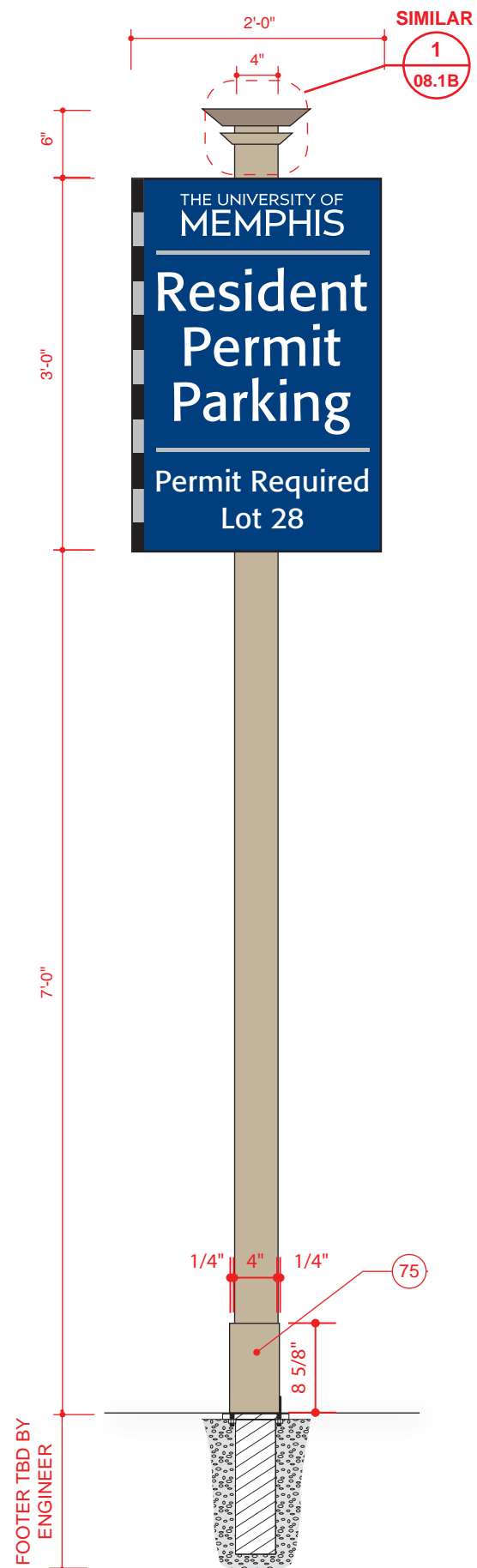
18.1

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1 PARKING LOT IDENTIFICATION
ELEVATION

SCALE: 1 1/2" = 1'-0"



2 PARKING LOT IDENTIFICATION
MOUNTING ELEVATION

SCALE: 3/4" = 1'-0"

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DRAWING TITLE			
PARKING LOT IDENTIFICATION			
NOTES			



1 EVENT BANNER LARGE
ELEVATION

SCALE: 1/2" = 1' 0"

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REVISION	2	01-31-13	
DRAWING TITLE			
EVENT BANNER LARGE			
NOTES			
			

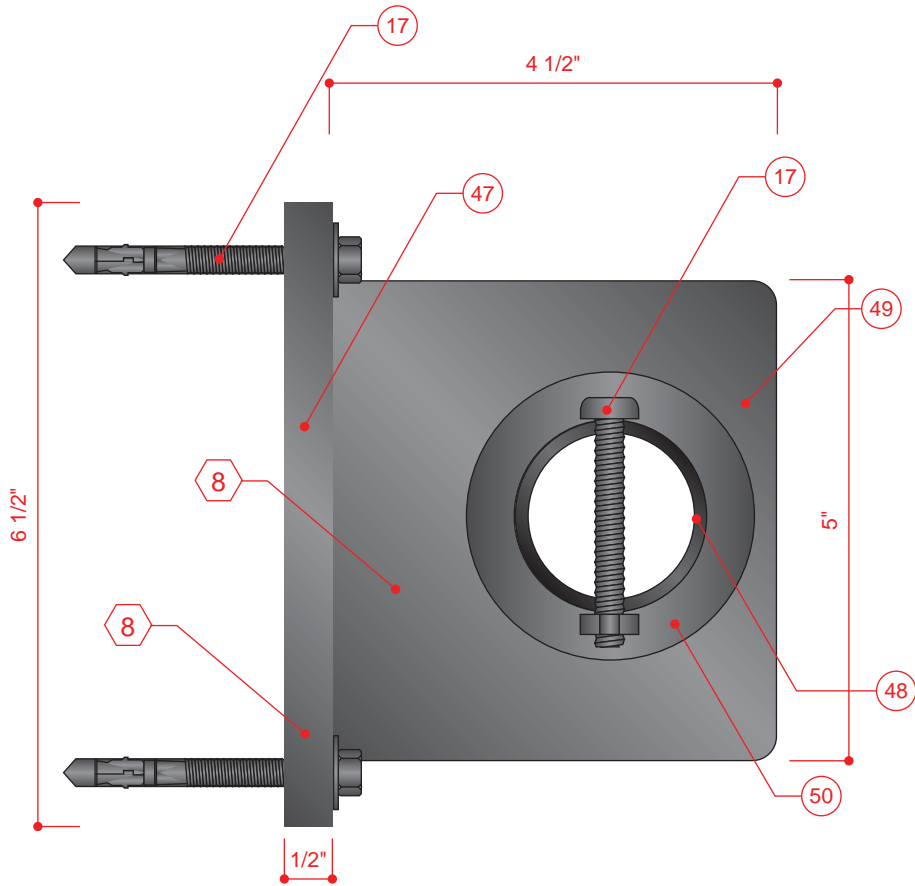
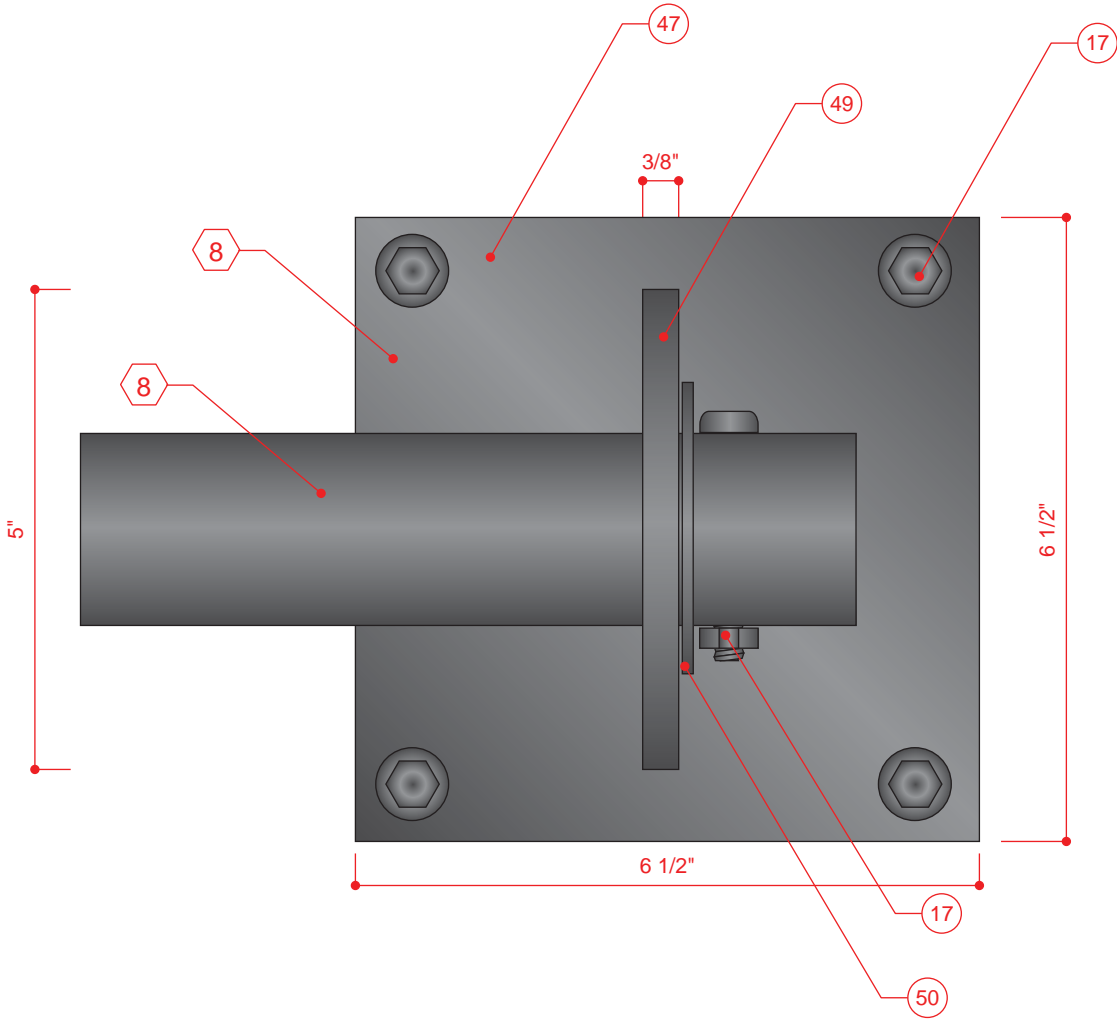
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DRAWING TITLE

EVENT BANNER BRACKET DETAIL

NOTES

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1 EVENT BANNER
BRACKET DETAIL ELEVATION

2 EVENT BANNER
BRACKET DETAIL END VIEW



1 EVENT BANNER SMALL
ELEVATION

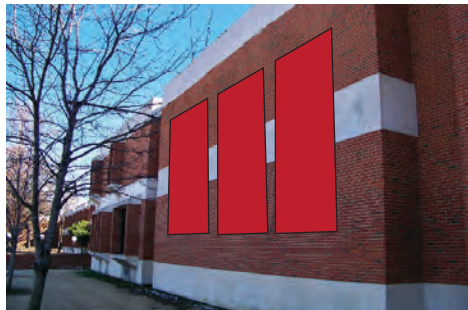
SCALE: 1/2" = 1' 0"

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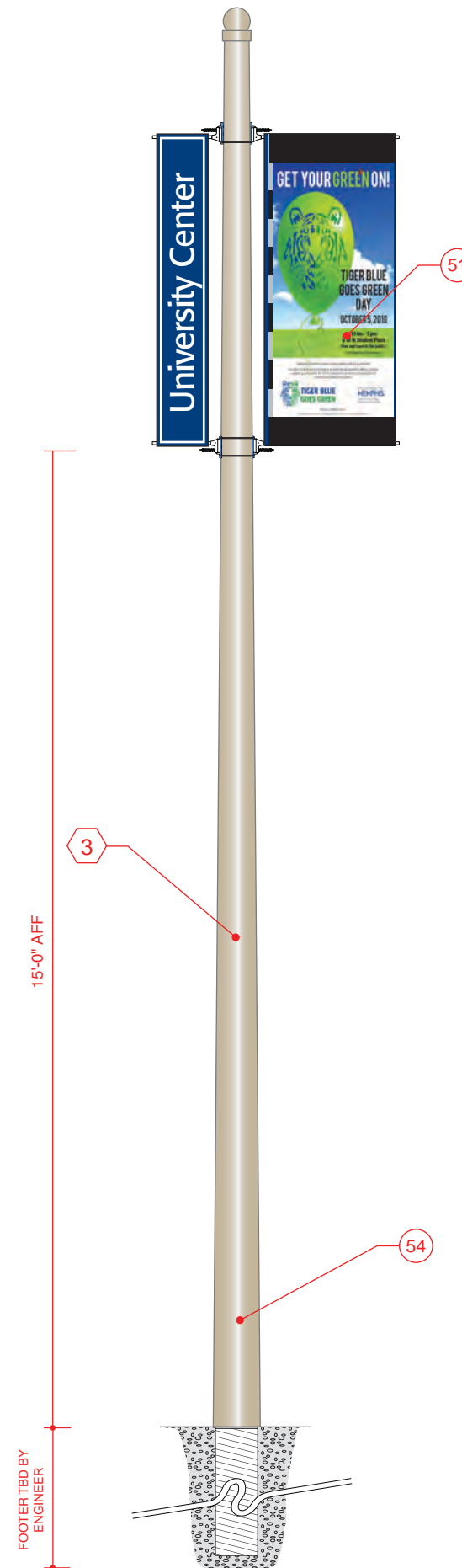
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CONSTRUCTION DOCUMENTS		06-15-11	
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REVISION	1	04-18-12	
REVISION	2	01-31-13	
DRAWING TITLE			
EVENT BANNER SMALL			
NOTES			
			



1 BANNER POLE MOUNT
ELEVATION

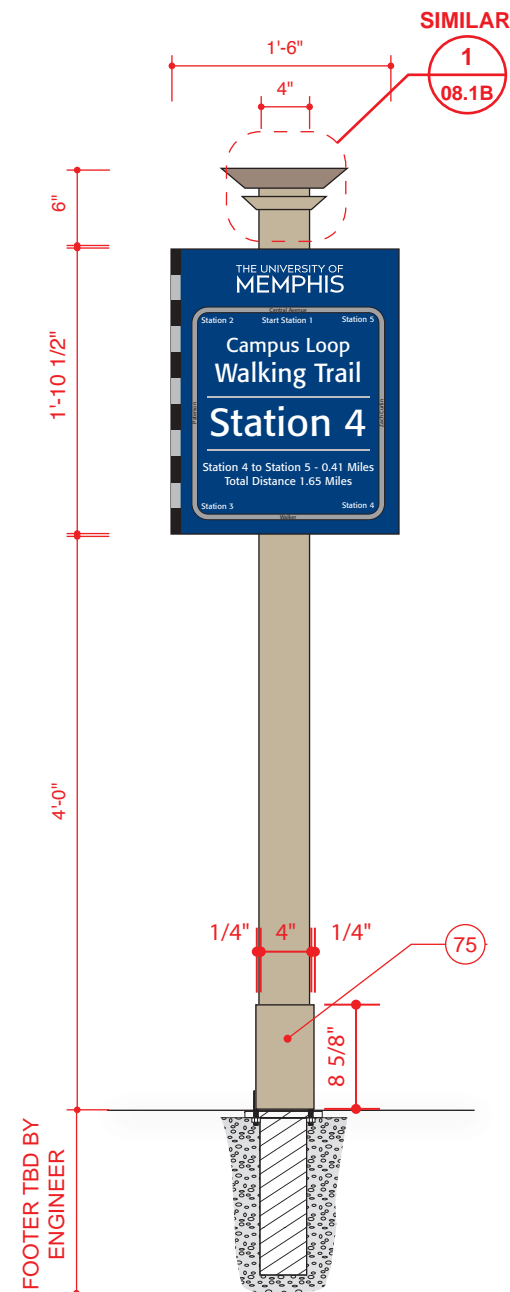
SCALE: 1" = 1' 0"

2 BANNER POLE MOUNT
MOUNTING ELEVATION



SCALE: NTS

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REVISION	2	01-31-13	
DRAWING TITLE			
BANNER POLE MOUNT			
NOTES			



1 TRAIL IDENTIFICATION
ELEVATION

2 TRAIL IDENTIFICATION
MOUNTING ELEVATION

301 EAST MAIN STREET - CARNEGIE, PA 15106

VOICE 412.429.4071

SCALE: 1/4" = 1'
FAX 412.429.4074

SCALE: 3/4" = 1' - 1"

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TRAIL IDENTIFICATION

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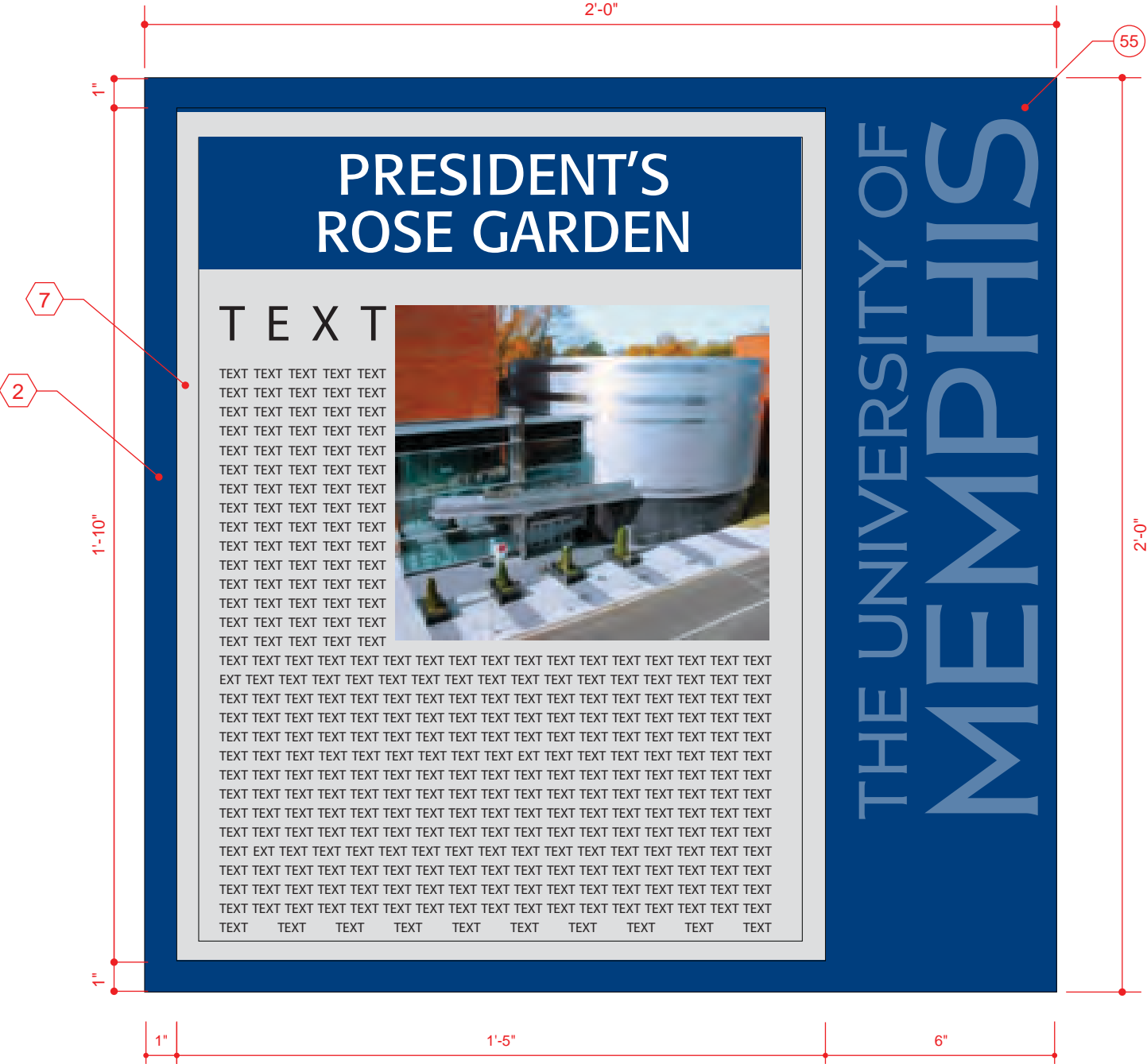
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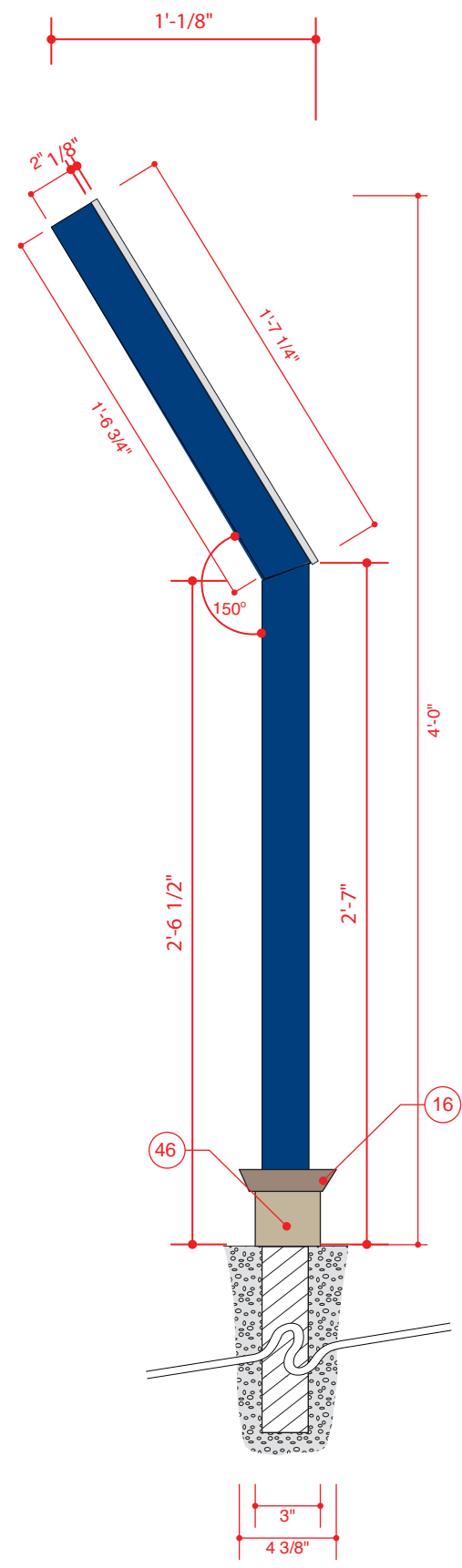
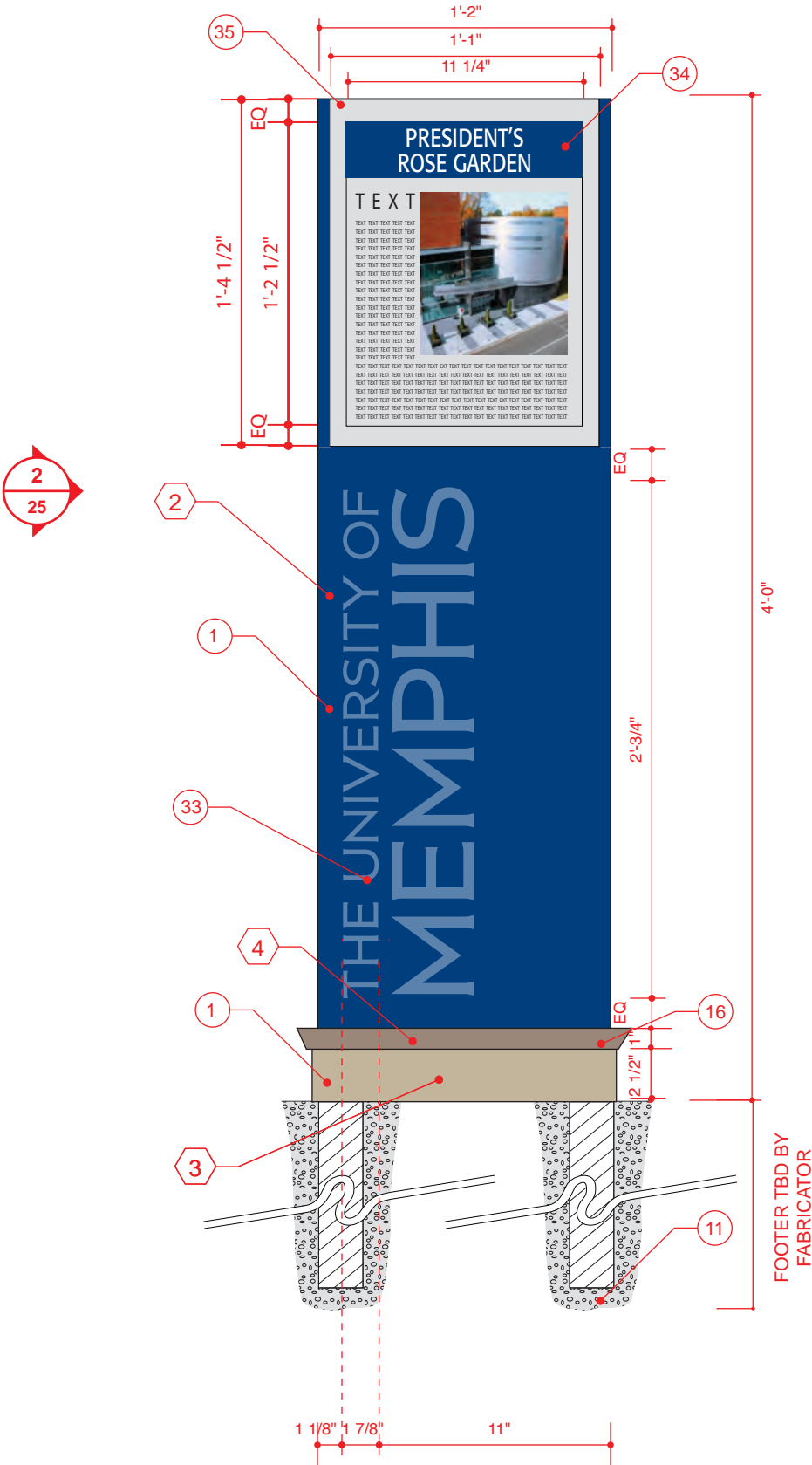
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REVISION	1	04-18-12	
REVISION	2	01-31-13	
DRAWING TITLE			
HISTORIC MARKER GROUND			
NOTES			

1 HISTORIC MARKER GROUND
ELEVATION

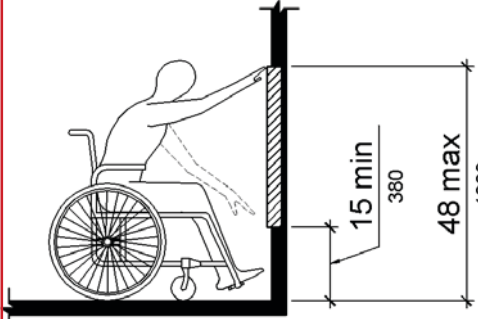


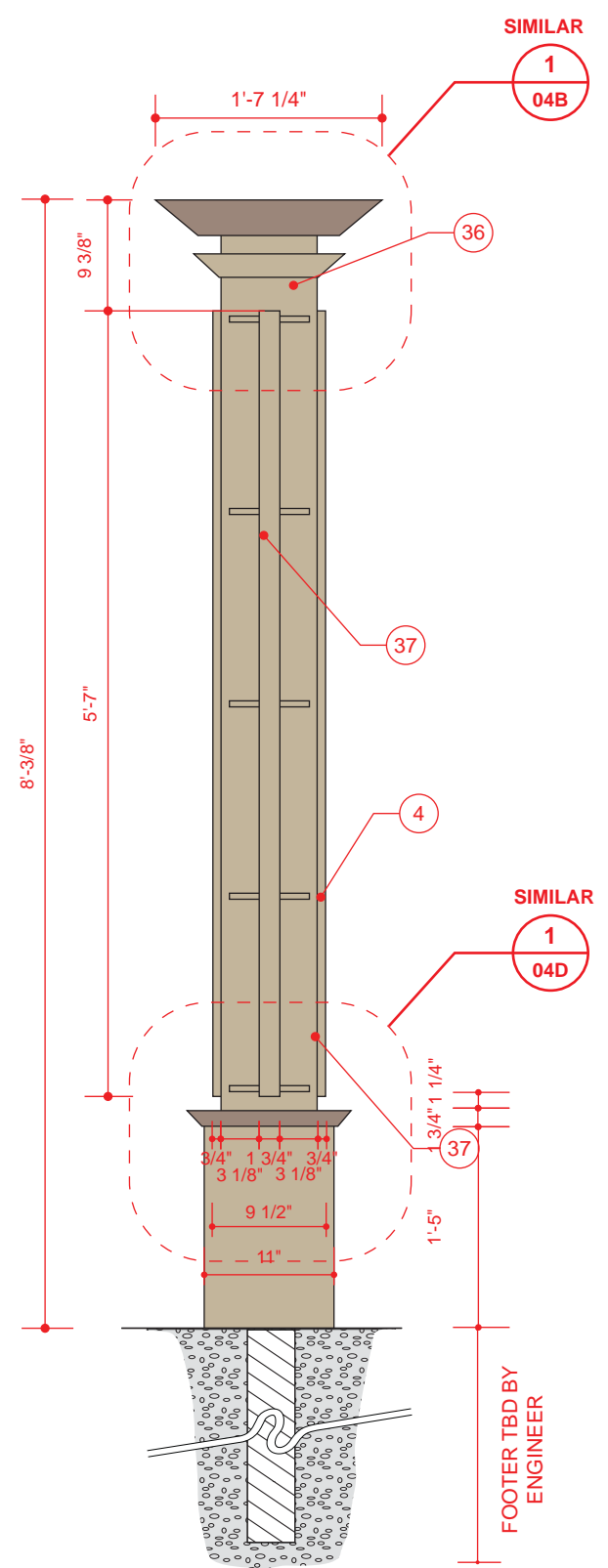
1 HISTORIC MARKER POLE MOUNT
ELEVATION

SCALE: 1 1/2" = 1' 0"

2 HISTORIC MARKER POLE MOUNT
END VIEW

SCALE: 1 1/2" = 1'- 0"

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DRAWING TITLE			
HISTORIC MARKER POLE MOUNT			
NOTES			
<p>Where a forward reach is unobstructed, the high forward reach shall be 48 inches (1220 mm) maximum and the low forward reach shall be 15 inches (380 mm) minimum above the finish floor or ground.</p>			
			
OWNER			
UNIVERSITY OF MEMPHIS MEMPHIS, TN 38152			
APPROVAL / DATE			
PROJECT NUMBER			
1009.07			
SIGN TYPE		SHEET NO.	
25		25	
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1 CAMPUS DIRECTORY FREE STANDING
ELEVATION

2 CAMPUS DIRECTORY FREE STANDING
END VIEW

SCALE: 3/4" = 1' 0"



SCALE: 3/4" = 1'-0"

301 EAST MAIN STREET - CARNEGIE, PA 15106

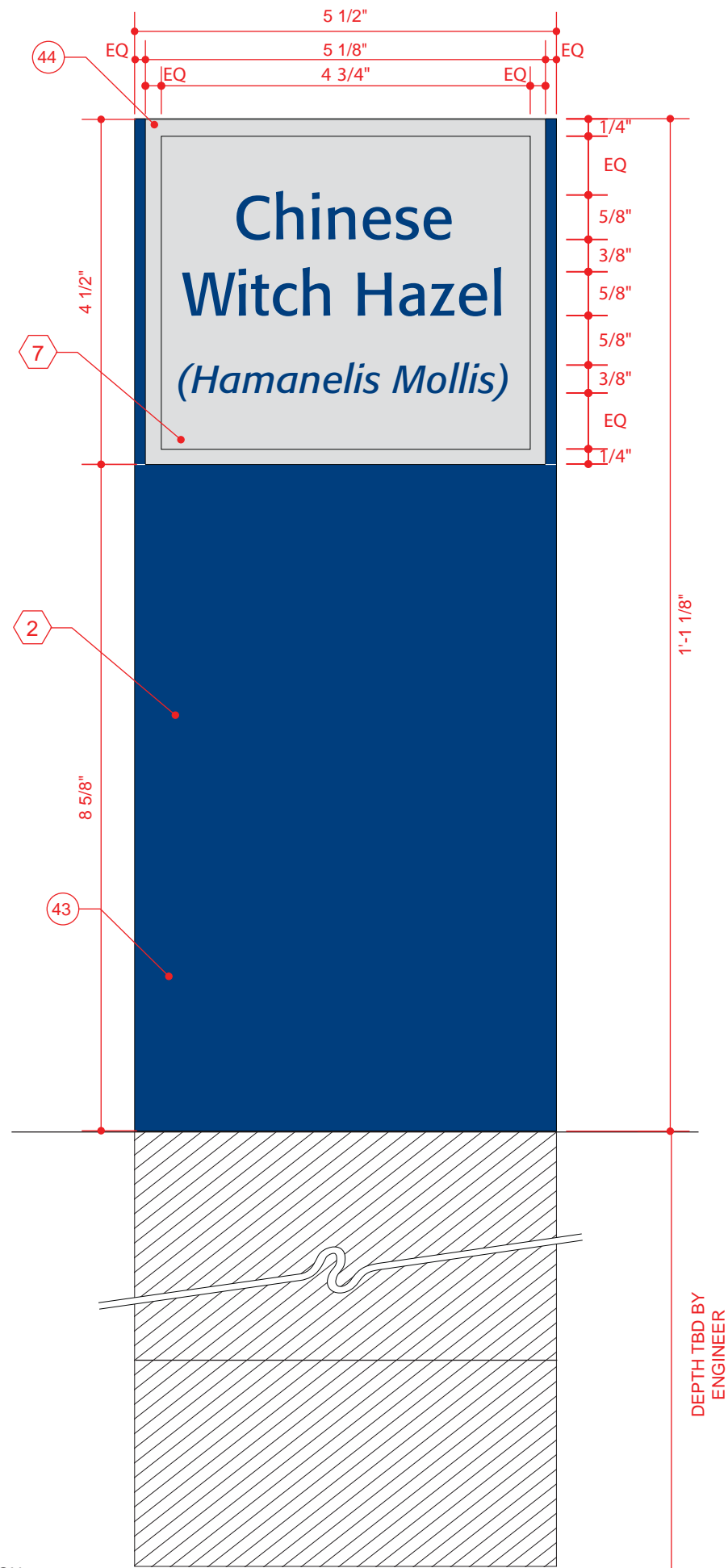
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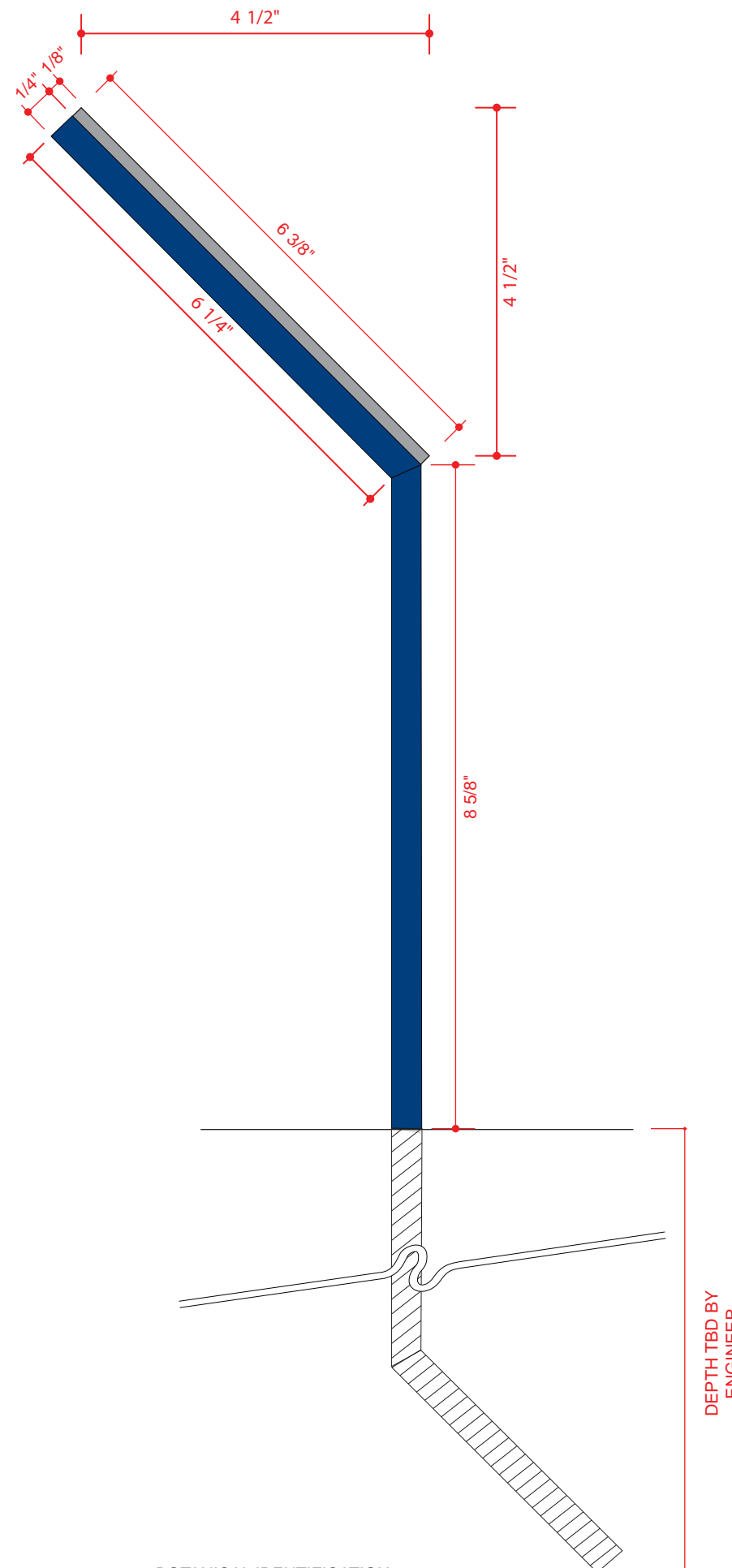
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REVISION		04-18-12	
REVISION		01-31-13	
DRAWING TITLE			
CAMPUS DIRECTORY FREE STANDING			
NOTES			
1. THE MAP AND UNIVERSITY OF MEMPHIS ARE TO BE BACK ILLUMINATED USING LED LIGHTING.			
2. ARTWORK FOR THE MAP WITH NORTH ORIENTATION WILL BE PROVIDED BY THE UNIVERSITY. FOR ALL OTHER MAP ORIENTATIONS, THE MAP SHALL BE PROVIDED BY THE FABRICATOR.			
3. SIGN IS THE DOUBLE-FACED.			
4. SIGN IS TO BE VENTILATED AS REQUIRED TO ACCOMMODATE LED LIGHTING.			
5. SIGN LIGHTING SHALL BE LED LIGHTING.			
6. SIGN SHALL HAVE EASY ACCESS TO LIGHTING DRIVER AND LAMPS FOR MAINTENANCE PURPOSED, ACCESS SHALL BE VANDAL RESISTANT.			
7. FABRICATOR TO PROVIDE CONSTRUCTION DRAWINGS FOR SUBMITTAL AND APPROVAL BY THE UNIVERSITY OF MEMPHIS.			
8. UNIVERSITY OF MEMPHIS SHALL PROVIDE ELECTRICAL POWER TO THE SITE. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ELECTRICAL PERMITS AND CONNECTIONS.			
9. FABRICATOR SHALL MATCH EXISTING PAINT, PAINT COLOR, AND TEXTURED SURFACES OF EXISTING SIGNS. SAMPLES OF EACH SHALL BE SUBMITTED TO THE UNIVERSITY OF MEMPHIS FOR APPROVAL.			
10. ALL FREE-STANDING DIRECTORY SIGNS WILL BE LOCATED IN EXISTING CONCRETE WALK AREAS.			
OWNER			
UNIVERSITY OF MEMPHIS MEMPHIS, TN 38152			
APPROVAL / DATE			

PROJECT NUMBER			
1009.07			
SIGN TYPE		SHEET NO.	
26		26	
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1 BOTANICAL IDENTIFICATION
ELEVATION

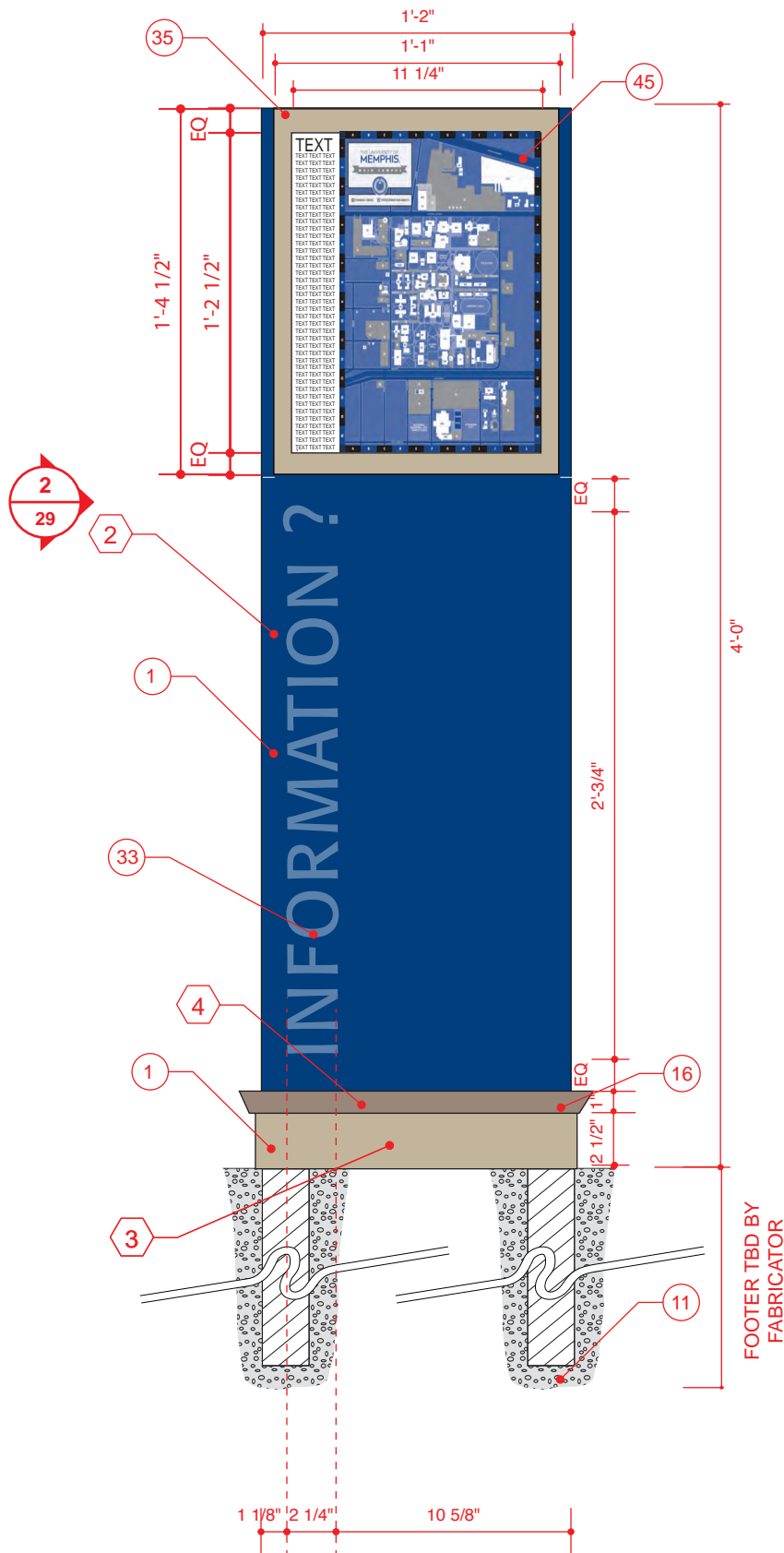


2 BOTANICAL IDENTIFICATION
END VIEW

SCALE: 1 1/2" = 1' 0"

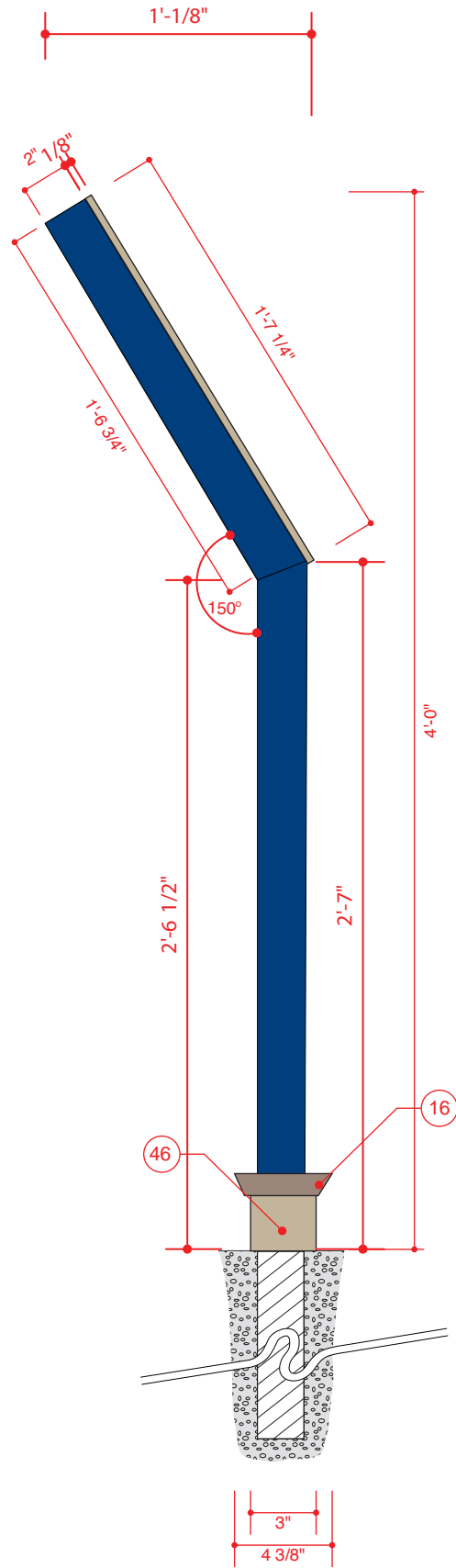
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REVISION NUMBER			
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DRAWING TITLE			
BOTANICAL IDENTIFICATION			
NOTES			



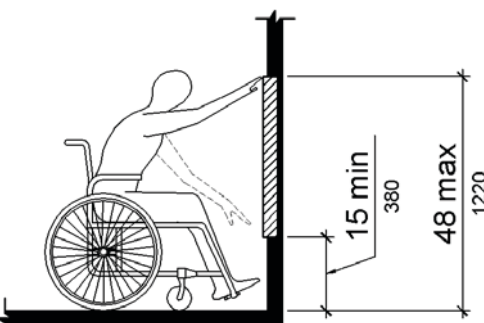
1 SMALL FREESTANDING DIRECTORY
ELEVATION

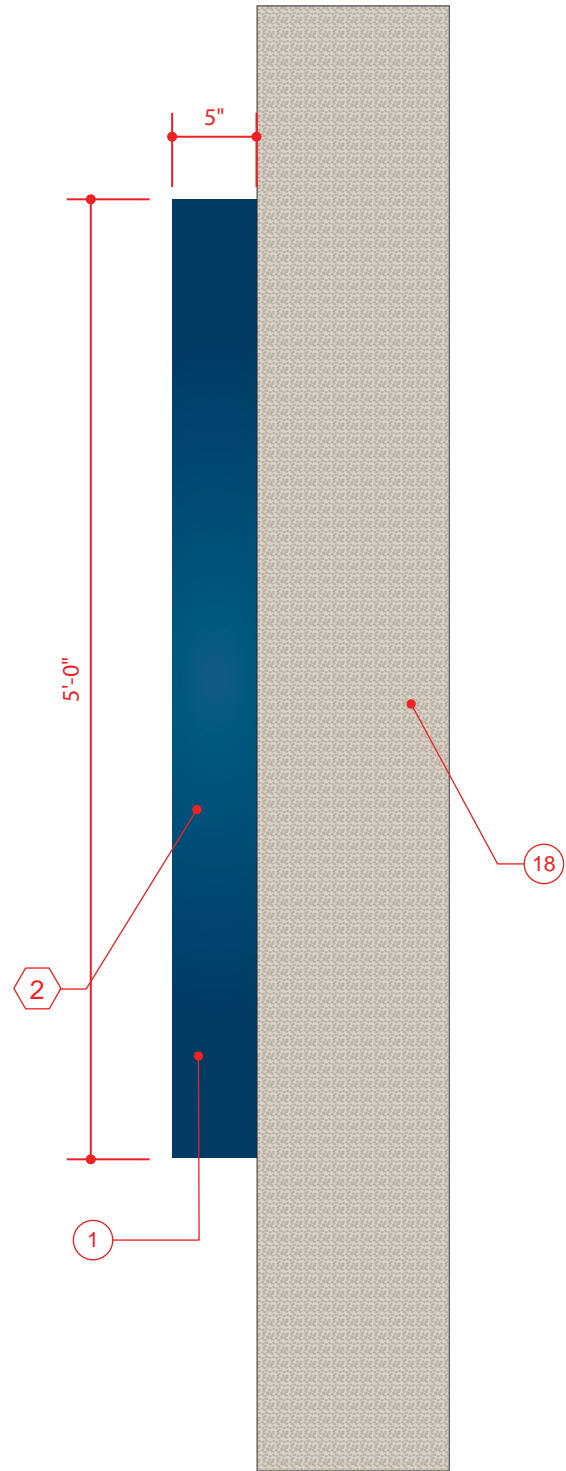
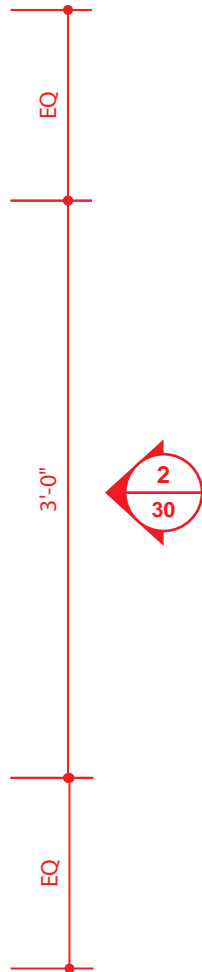
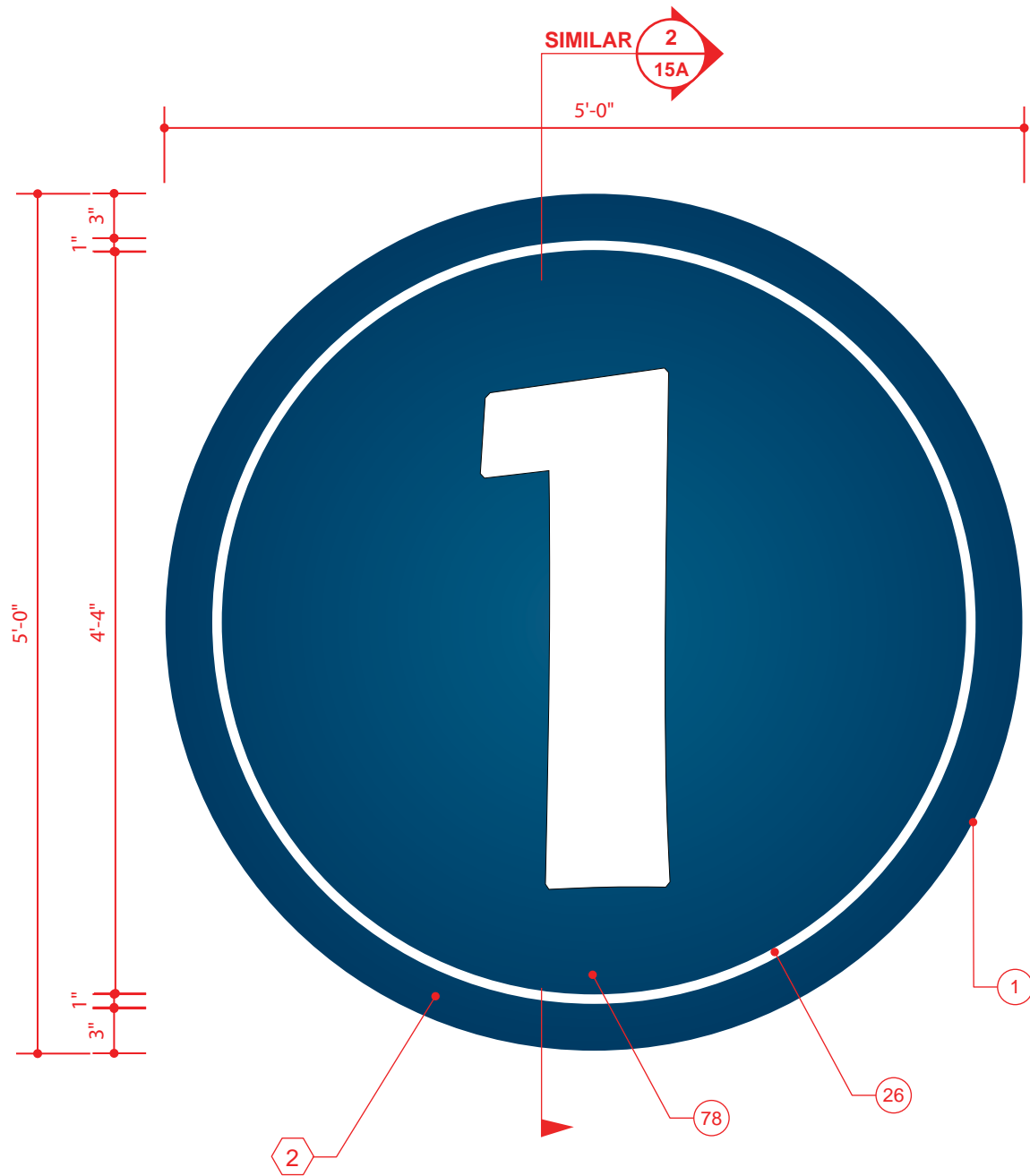
SCALE: 1 1/2" = 1' 0"



2 SMALL FREESTANDING DIRECTORY
END VIEW

SCALE: 1 1/2" = 1' 0"

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DRAWING TITLE			
SMALL FREESTANDING DIRECTORY			
NOTES			
<p>Where a forward reach is unobstructed, the high forward reach shall be 48 inches (1220 mm) maximum and the low forward reach shall be 15 inches (380 mm) minimum above the finish floor or ground.</p>			
			
OWNER			
UNIVERSITY OF MEMPHIS MEMPHIS, TN 38152			
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PROJECT NUMBER			
1009.07			
SIGN TYPE		SHEET NO.	
29		29	
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1 ENTRANCE DISK
ELEVATION

SCALE: 1" = 1' 0"

2 ENTRANCE DISK
END VIEW

SCALE: 1" = 1' 0"

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DRAWING TITLE			
ENTRANCE DISK			
NOTES			



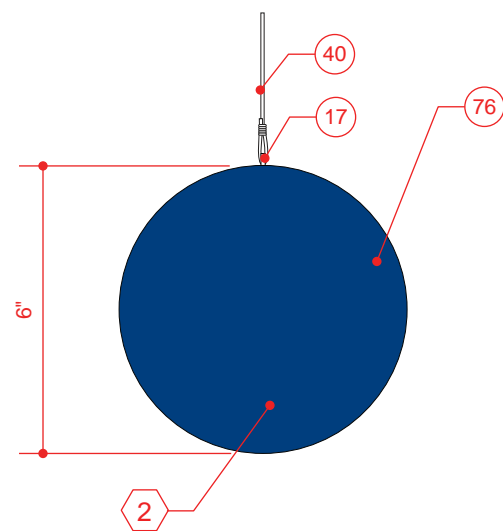
1 CLEARANCE IDENTIFICATION
ELEVATION

SCALE: 1" = 1'-0"



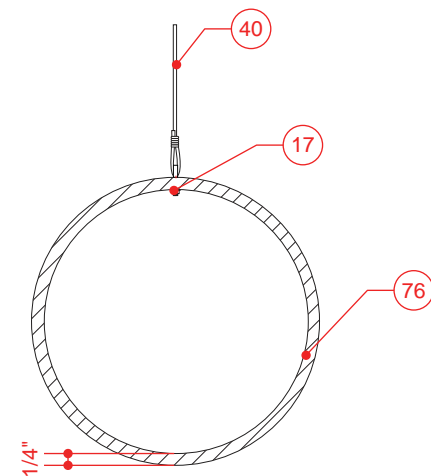
2 CLEARANCE IDENTIFICATION
PLAN VIEW

SCALE: 1" = 1'-0"





3 CLEARANCE IDENTIFICATION
END VIEW / END CAP

SCALE: 1/4" = 1"



4 CLEARANCE IDENTIFICATION
SECTION VIEW

SCALE: 1/4" = 1"

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DRAWING TITLE			
SMALL FREESTANDING DIRECTORY			
NOTES			

DESIGN ENHANCEMENTS/ LANDSCAPING

SIGNAGE LANDSCAPE GUIDELINES OVERVIEW:

THE FOLLOWING LANDSCAPE GUIDELINES HAVE BEEN COMPILED FOR THE UNIVERSITY OF MEMPHIS FOR USE IN CONJUNCTION WITH THE SIGNAGE TYPES OUTLINED BY KMA IN THE SIGNAGE – CONSTRUCTION DOCUMENTS DATED 04-18-2012. REFERENCE THE SIGNAGE CONSTRUCTION DOCUMENTS AS WELL AS THE SIGNAGE LOCATION PLANS FOR BOTH SIGNAGE SIZING AND LOCATIONAL INFORMATION.

THE SIGNAGE ENLARGEMENTS CONTAINED WITHIN THE FOLLOWING DOCUMENTS HAVE BEEN DEVELOPED AS “TYPICAL” EXAMPLES OF LANDSCAPE PLANTINGS FOR USE WITH EACH SIGNAGE TYPE IDENTIFIED AS NECESSITATING A LANDSCAPE TREATMENT. THIS DETERMINATION WAS BASED UPON THE TYPE, PURPOSE, LOCATION, AND THE AESTHETIC PRECEDENT WHICH HAS ALREADY BEEN ESTABLISHED ON CAMPUS FOR TREATMENT OF SIGNAGE TYPES. AS AN EXAMPLE, THERE ARE 5 MAIN GATEWAYS IDENTIFIED ON THE SIGNAGE LOCATION PLANS AND ONE ENLARGEMENT SHEET WILL CONVEY A STANDARDIZED DESIGN FOR UNIFYING AND ENHANCING THE STUDENT, FACULTY, STAFF, AND VISITOR EXPERIENCE AS THEY ARRIVE ON CAMPUS THROUGH THESE GATEWAYS. THE SAME METHODOLOGY APPLIES TO EACH OF THE SIGN TYPES WITHIN THE FOLLOWING PAGES.

THE LANDSCAPE TREATMENTS ASSOCIATED WITH EACH OF THE SIGNAGE TYPES ARE INTENDED TO PRESERVE AND COMPLIMENT THE CHARACTER OF THE EXISTING LANDSCAPE AT THE UNIVERSITY OF MEMPHIS. THE INTENT WITHIN THE PLANTING DESIGN IS TO RESPECT AND CELEBRATE THE PLANT PALETTE ALREADY IDENTIFIED WITHIN THE UNIVERSITY OF MEMPHIS DESIGN GUIDELINES. THE PLANT MATRIX OFFERS SELECTIONS THAT ARE INTENDED TO COMPLIMENT THE PLANT MATERIALS ALREADY BEING UTILIZED TO CREATE OF PLACE ON CAMPUS AT THE GATEWAYS WHICH WILL THEN BE REPEATED THROUGH USE OF THE PLANT PALETTE AT VEHICULAR DIRECTIONAL SIGNS, PEDESTRIAN DIRECTIONAL SIGNS, FREESTANDING BUILDING IDENTIFICATION SIGNS, AND INFORMATIONAL SIGNS. THE PLANT SPECIES FOUND WITHIN THE LANDSCAPE PLANTING MATRIX WERE SELECTED WITH RESPECT TO LOW MAINTENANCE NEEDS, LOW WATER NEEDS (NO IRRIGATION IS INTENDED TO BE REQUIRED AFTER ESTABLISHMENT), AND MANY POSSESS A STRONG NATIVE INFLUENCE TO THE MEMPHIS REGION.

HARDSCAPE TREATMENTS ARE INTENDED TO MATCH THE CURRENT STANDARDS OF PAVEMENT ESTABLISHED ON CAMPUS. A HIERARCHY OF HIGHER QUALITY PAVING MATERIALS IS INTENDED TO COMPLIMENT SIGNAGE AT SEVERAL LOCATIONS AS IDENTIFIED ON THE FOLLOWING SHEETS WHILE PROMOTING A SENSE OF ARRIVAL AND GUIDING PEDESTRIANS TOWARD WAYFINDING AT CAMPUS EDGES.

CELEBRATING THE HISTORY AND CULTURE OF THE UNIVERSITY OF MEMPHIS AND CREATING SIGNITURE GATEWAYS WITH SIGNAGE AND THROUGH THE USE OF ACCENTUATED PLANTING MATERIALS WILL CREATE MEMORABLE SPACES THROUGHOUT CAMPUS. ADHERING TO THESE LANDSCAPE GUIDELINES WILL PRESERVE THE CHARACTER OF CAMPUS WHILE ENRICHING THE ARRIVAL EXPERIENCE THROUGH ENHANCEMENT OF THE SIGNAGE ENTRY EXPERIENCE FOR ALL.

PLANT MATRIX NOTES:

WHEN USED IN CONJUNCTION, THE SIGNAGE LANDSCAPE TREATMENT SHEETS AND THE PLANT MATRIX WILL SET UP A PLANTING PALETTE WHICH WILL ENHANCE THE IDENTITY OF THE CAMPUS AND CREATE A REPEATED AND IDENTIFIABLE AESTHETIC THROUGHTOUT CAMPUS.

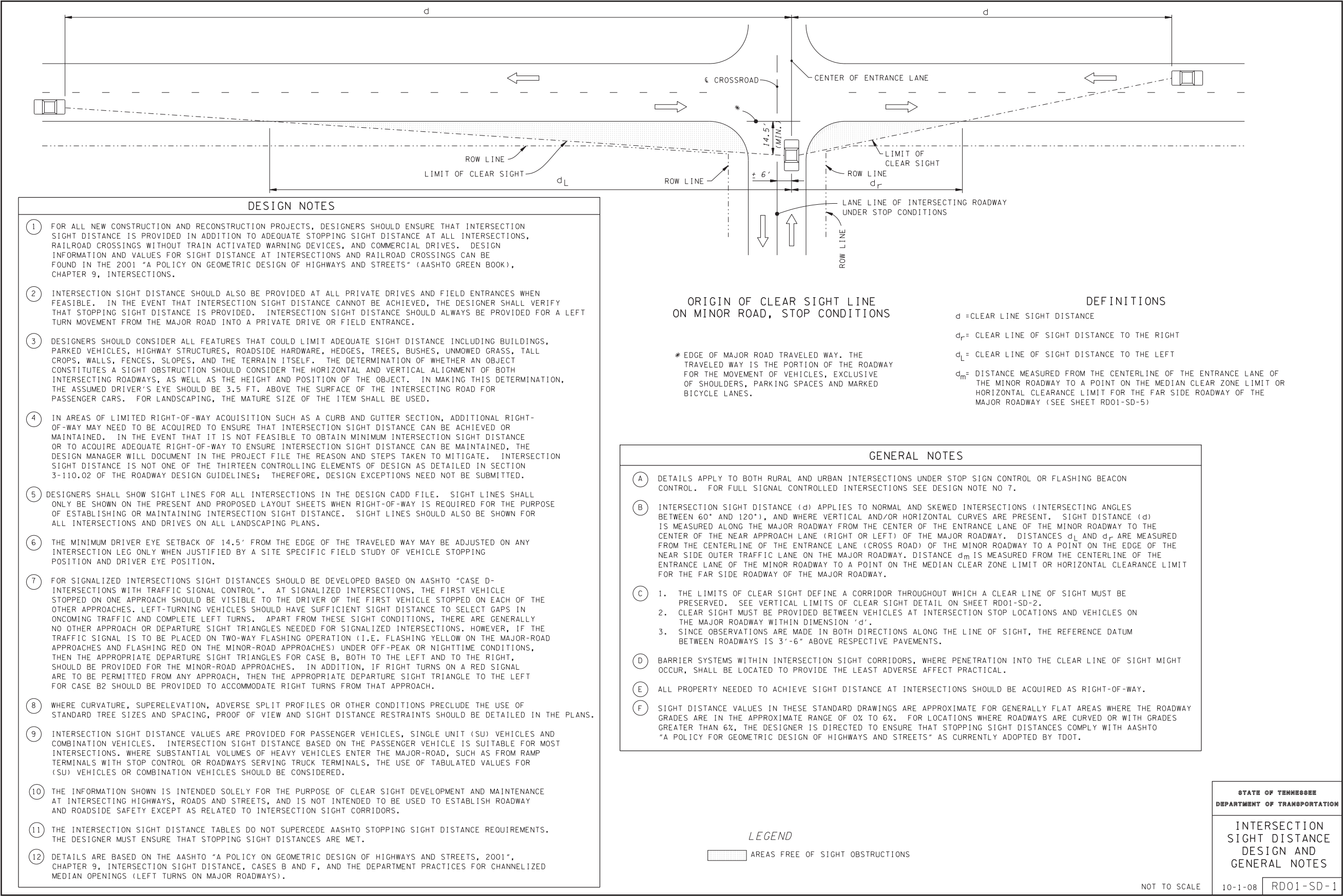
THE PLANT MATRIX IS DIVIDED INTO CATEGORIES BASED UPON PLANT TYPES. THESE PLANT TYPES ARE CALLED OUT ON THE LANDSCAPE TREATMENT SIGNAGE SHEETS AND ARE INTENDED TO CORRELATE WITH THE PLANT MATRIX. ANY PLANT WITHIN THE PLANT TYPE GROUPINGS LISTED ON THE MATRIX MAY BE SELECTED AS CALLED OUT ON THE SIGNAGE LANDSCAPE TREATMENT PLANS. AS AN EXAMPLE IF THE LANDSCAPE TREATMENT CALLS OUT “4 ORNAMENTAL TREES” THEN THE PLANT MATRIX OFFERS A CHOICE OF 4 SPECIES WHICH MAY BE USED AT THIS LOCATION. HOWEVER, ONLY 1 OF THE 4 SPECIES SHOULD BE USED AT THIS CALLOUT LOCATION. DO NOT MIX THE SPECIES PER CALLOUT AS THIS WILL CREATE VISUAL DISARRAY WITHIN THE PLANTING GROUPS.

PLANT SELECTION CRITERIA:

- ALL PLANT MATERIALS SHALL COMPLY WITH THE AMERICAN ASSOCIATION OF NURSERYMEN, INC. (AAN) STANDARD: AMERICAN STANDARD FOR NURSERY STOCK (ANSI Z60.1-2002)
- ALL PLANTING STOCK SHALL BE NURSERY GROWN IN ACCORDANCE WITH GOOD HORTICULTURAL PRACTICES AND SHOULD BE FREE OF DISEASE, INSECTS, LARVAE, AND DEFECTS SUCH AS KNOTS, ABRASIONS, OR DISFIGUREMENT. THE SHOULD BE SOUND, HEALTHY, VIGOROUS, OF UNIFORM GROWTH, TYPICAL OF THE SPECIES AND VARIETY, AND WELL-FORMED WITH THE MINIMUM QUALITY CONFORMING TO THE AMERICAN STANDARD FOR NURSERY STOCK.
- THE MINIMUM ACCEPTED SIZES OF ALL PLANTS SHALL BE MEASURED BEFORE PRUNING AND WITH BRANCHES IN NORMAL POSITION. HEIGHT AND SPREAD SHALL MEET MINIMUM DIMENSIONS SPECIFIED IN PLANTING MATRIX, AND SHALL BE WELL ROOTED, UNLESS OTHERWISE APPROVED BY LANDSCAPE ARCHITECT.
- PRIOR TO DIGGING / SHIPMENT BY A NURSERY, ALL PLANT MATERIALS SHALL BE TAGGED FOR INSPECTION AND APPROVAL BY THE LANDSCAPE ARCHITECT.
- PLANTS SHALL NOT BE SHIPPED IN A MANNER THAT IS DAMAGING TO THE BARK, BRANCHES, DEFORMS THE ROOTBALL OR NATURAL SHAPE OF THE PLANT.
- PLANTS SHALL BE HANDLED AT ALL TIMES ACCORDING TO BEST HORTICULTURAL PRACTICES.

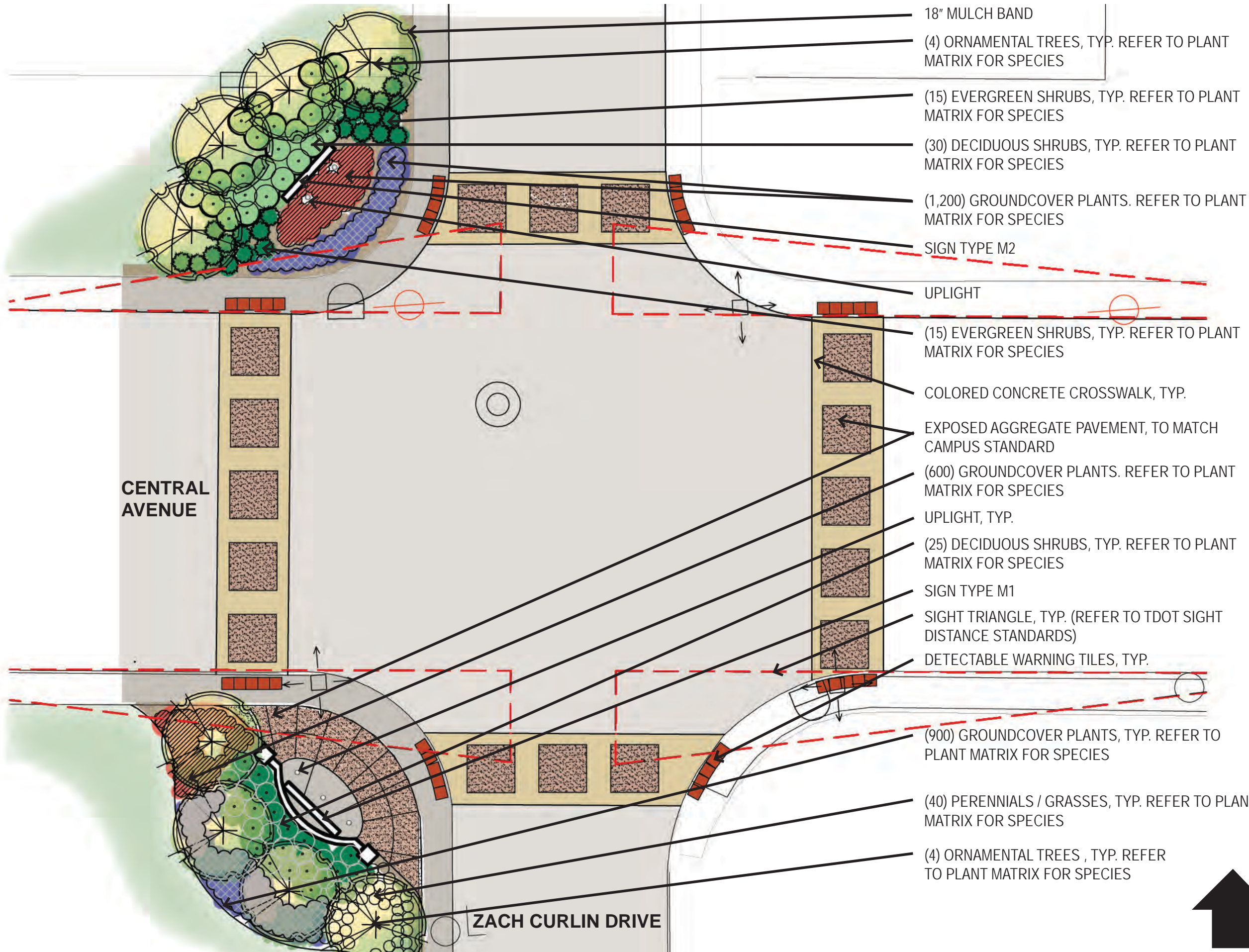
SIGNAGE / WAYFINDING LANDSCAPE GUIDELINES

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DRAWING TITLE			
SIGNAGE / WAYFINDING LANDSCAPE GUIDELINES			
NOTES			



TENNESSEE DEPARTMENT OF TRANSPORTATION INTERSECTION SIGHT DISTANCE STANDARD

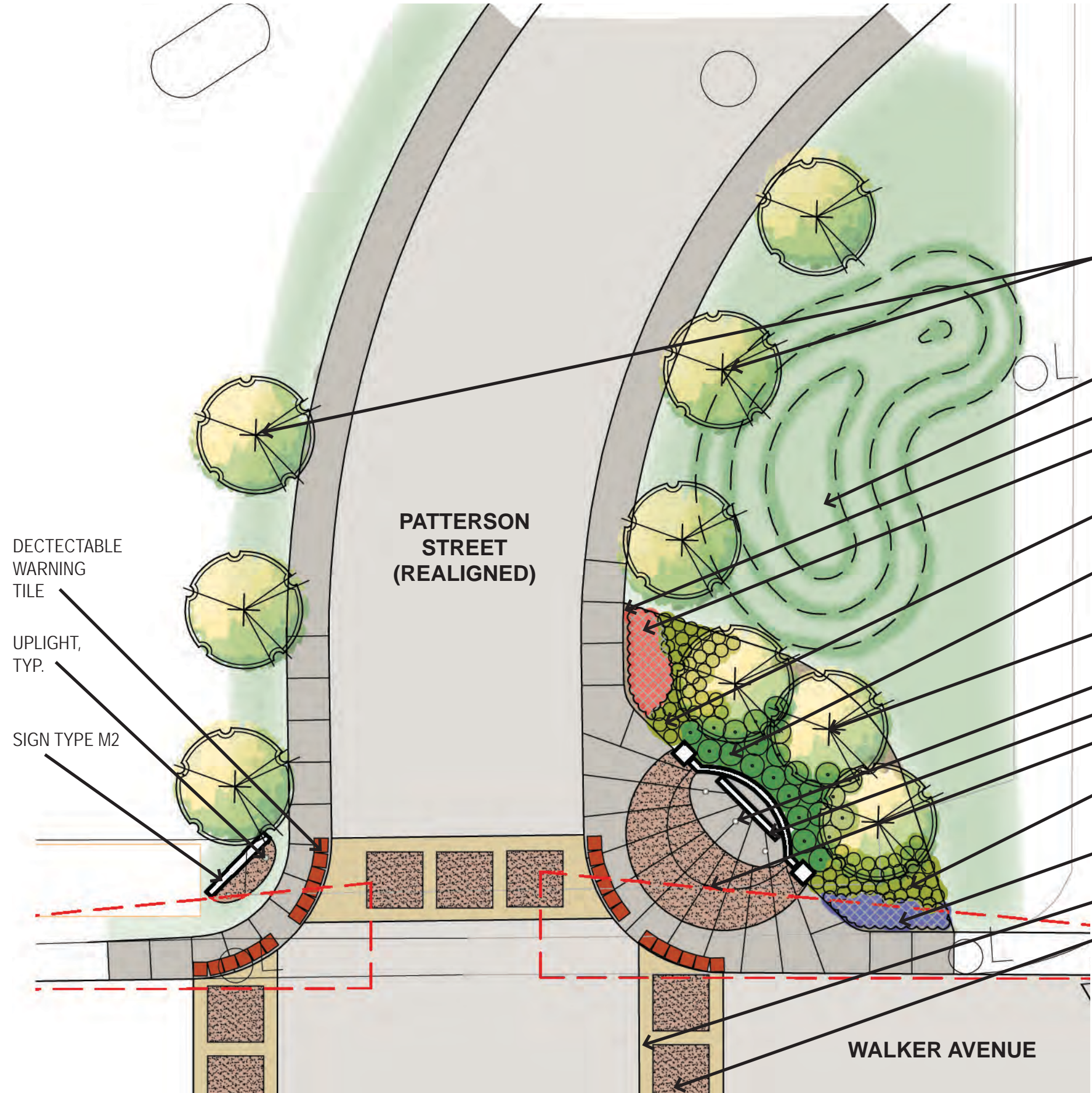
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TENNESSEE DEPARTMENT OF TRANSPORTATION INTERSECTION SIGHT DISTANCE STANDARD			
NOTES			



- 18" MULCH BAND
- (4) ORNAMENTAL TREES, TYP. REFER TO PLANT MATRIX FOR SPECIES
- (15) EVERGREEN SHRUBS, TYP. REFER TO PLANT MATRIX FOR SPECIES
- (30) DECIDUOUS SHRUBS, TYP. REFER TO PLANT MATRIX FOR SPECIES
- (1,200) GROUNDCOVER PLANTS. REFER TO PLANT MATRIX FOR SPECIES
- SIGN TYPE M2
- UPLIGHT
- (15) EVERGREEN SHRUBS, TYP. REFER TO PLANT MATRIX FOR SPECIES
- COLORLED CONCRETE CROSSWALK, TYP.
- EXPOSED AGGREGATE PAVEMENT, TO MATCH CAMPUS STANDARD
- (600) GROUNDCOVER PLANTS. REFER TO PLANT MATRIX FOR SPECIES
- UPLIGHT, TYP.
- (25) DECIDUOUS SHRUBS, TYP. REFER TO PLANT MATRIX FOR SPECIES
- SIGN TYPE M1
- SIGHT TRIANGLE, TYP. (REFER TO TDOT SIGHT DISTANCE STANDARDS)
- DETECTABLE WARNING TILES, TYP.
- (900) GROUNDCOVER PLANTS, TYP. REFER TO PLANT MATRIX FOR SPECIES
- (40) PERENNIALS / GRASSES, TYP. REFER TO PLANT MATRIX FOR SPECIES
- (4) ORNAMENTAL TREES, TYP. REFER TO PLANT MATRIX FOR SPECIES

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TYPICAL INTERSECTION GATEWAY LANDSCAPE TREATMENT			
NOTES			

TYPICAL INTERSECTION GATEWAY LANDSCAPE TREATMENT

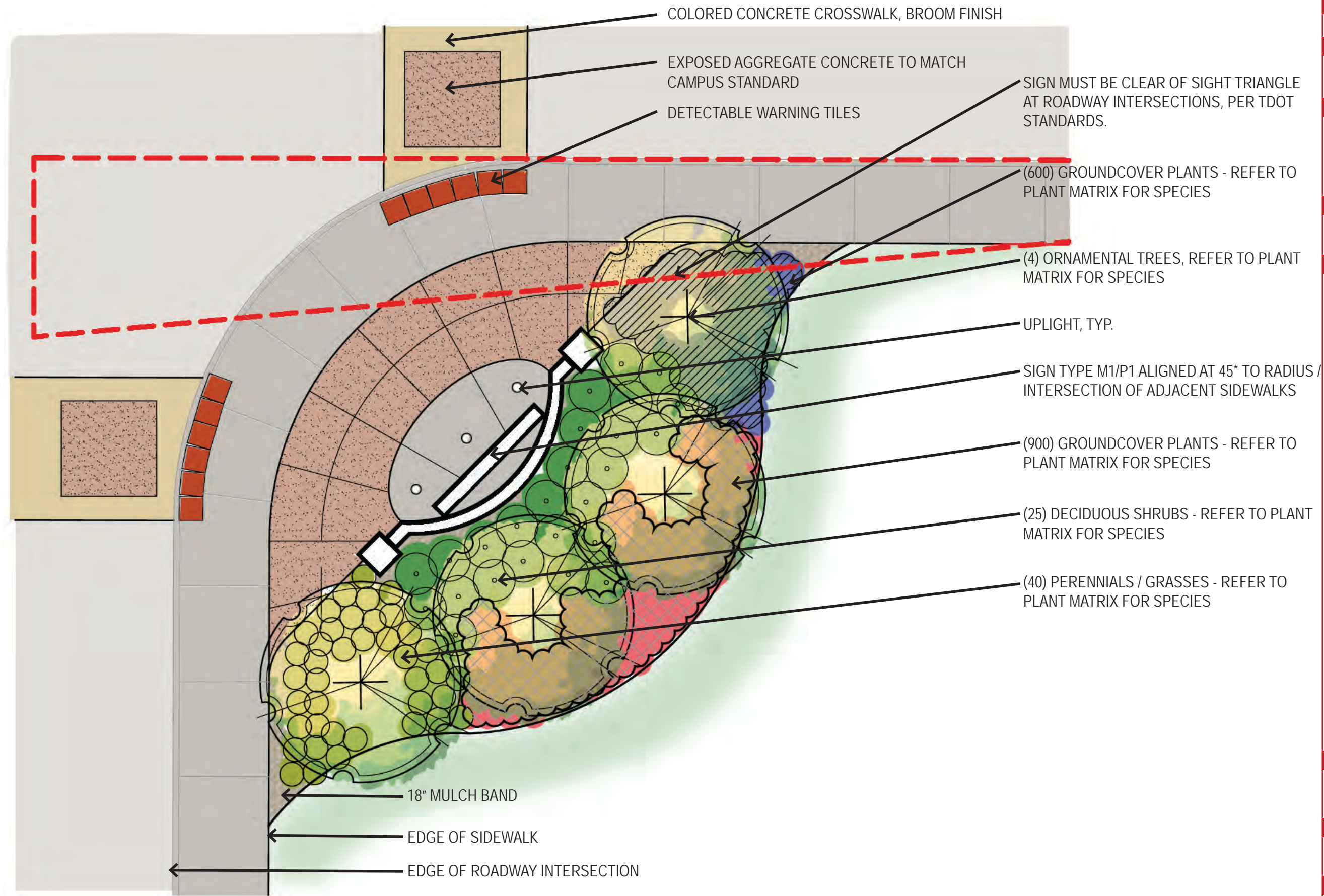


- (6) CANOPY TREES TYP. REFER TO PLANT MATRIX FOR SPECIES
- LANDSCAPE BERM
- 18" MULCH BAND
- (300) GROUNDCOVER PLANTS, TYP. REFER TO PLANT MATRIX FOR SPECIES
- (40) PERENNIAL/GRASS TYP. REFER TO PLANT MATRIX FOR SPECIES
- (25) DECIDUOUS SHRUBS, TYP. REFER TO PLANT MATRIX FOR SPECIES
- (3) ORNAMENTAL TREES, TYP. REFER TO PLANT MATRIX FOR SPECIES
- UPLIGHT, TYP.
- SIGN TYPE M1
- SIGHT TRIANGLE, TYP. (REFER TO TDOT SIGHT DISTANCE STANDARDS)
- (35) PERENNIAL/GRASS TYP. REFER TO PLANT MATRIX FOR SPECIES
- (300) GROUNDCOVER PLANTS, TYP. REFER TO PLANT MATRIX FOR SPECIES
- COLORLED CONCRETE CROSSWALK, TYP.
- EXPOSED AGGREGATE PAVEMENT, TO MATCH CAMPUS STANDARD



RE-ALIGNED PATTERSON & WALKER GATEWAY LANDSCAPE TREATMENT

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RE-ALIGN PATTERSON & WALKER GATEWAY LANDSCAPE TREATMENT			
NOTES			





TYPICAL M1 / P1 (MAIN GATEWAY) LANDSCAPE TREATMENT

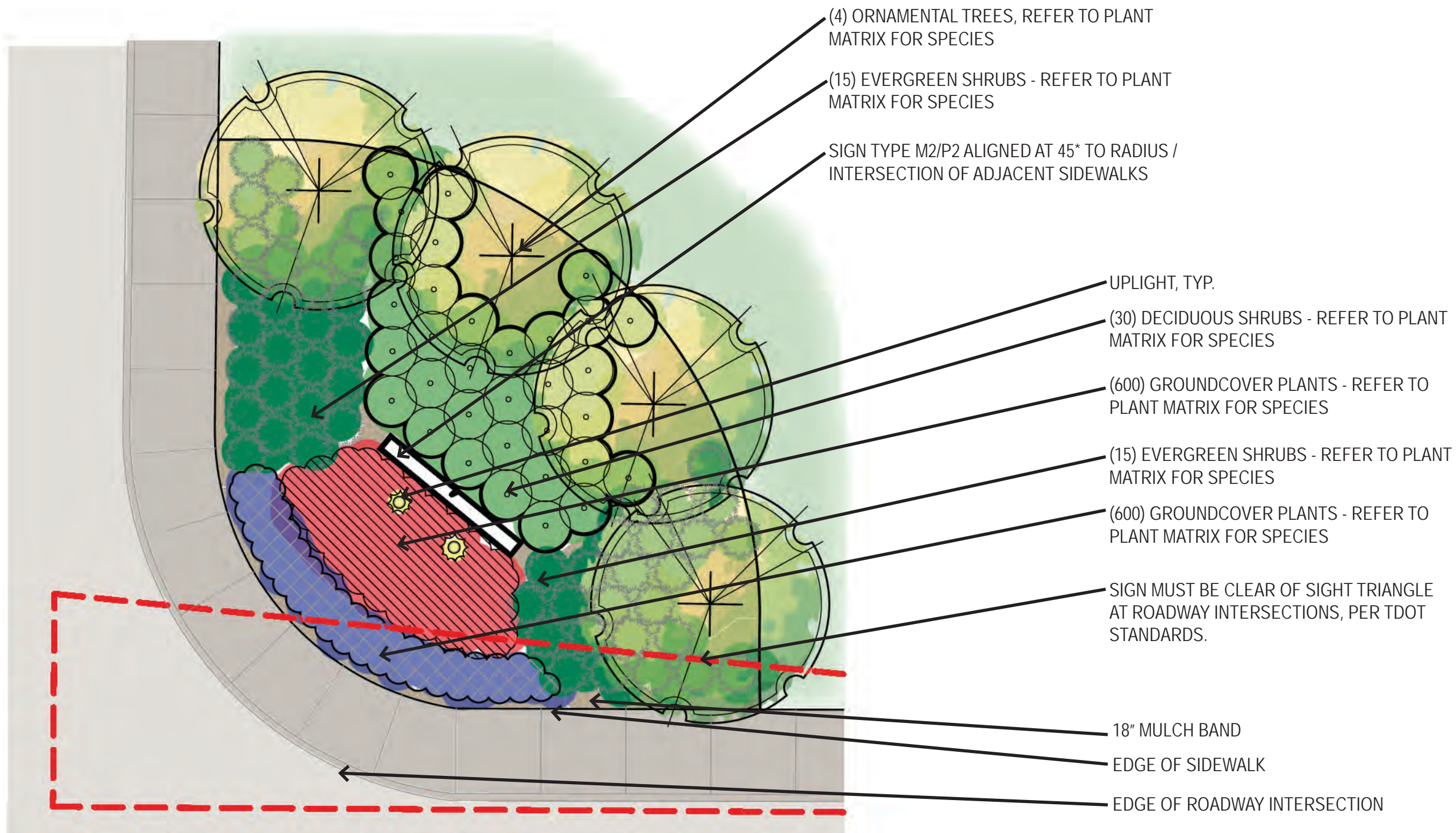
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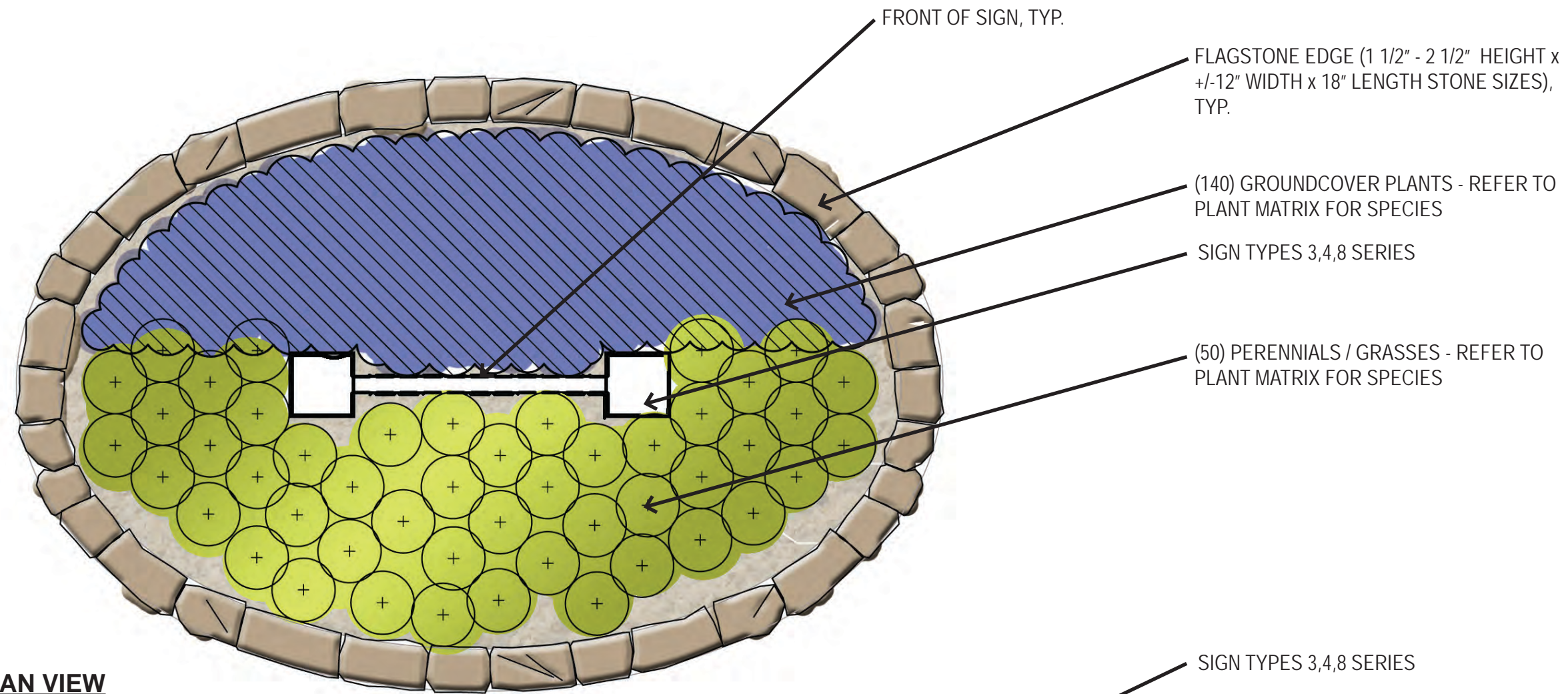
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DRAWING TITLE			
TYPICAL M1/P1 (MAIN GATEWAY) LANDSCAPE TREATMENT			
NOTES			

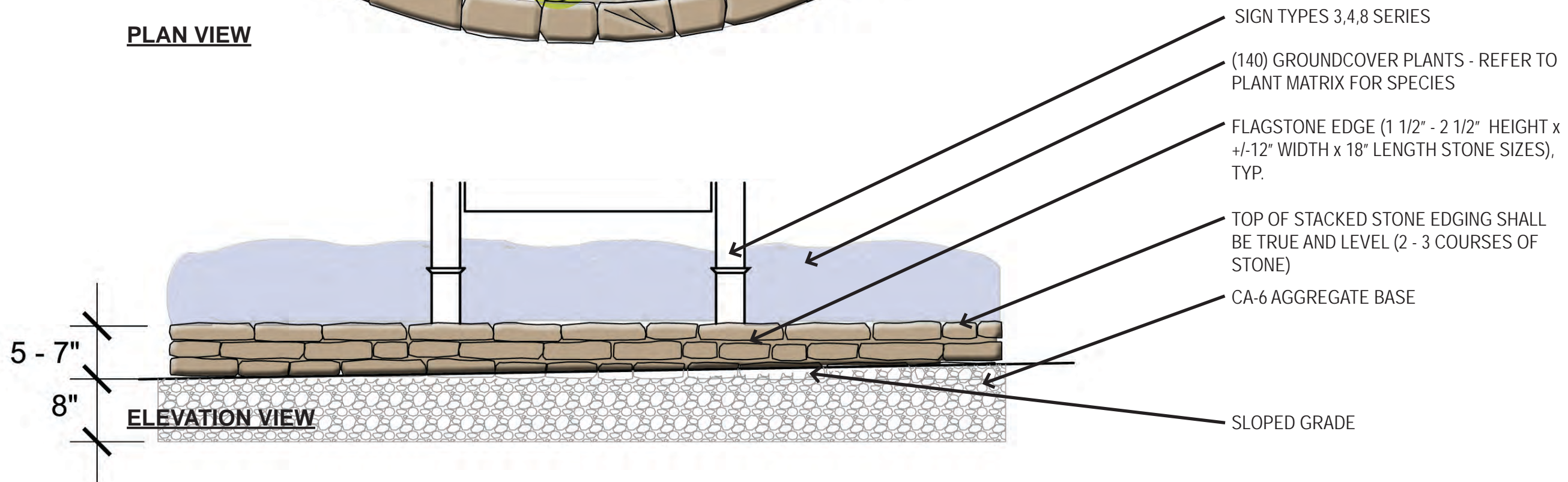


TYPICAL M2 / P2 (SECONDARY GATEWAY) LANDSCAPE TREATMENT

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TYPICAL M2 / P2 (SECONDARY GATEWAY) LANDSCAPE TREATMENT			
NOTES			
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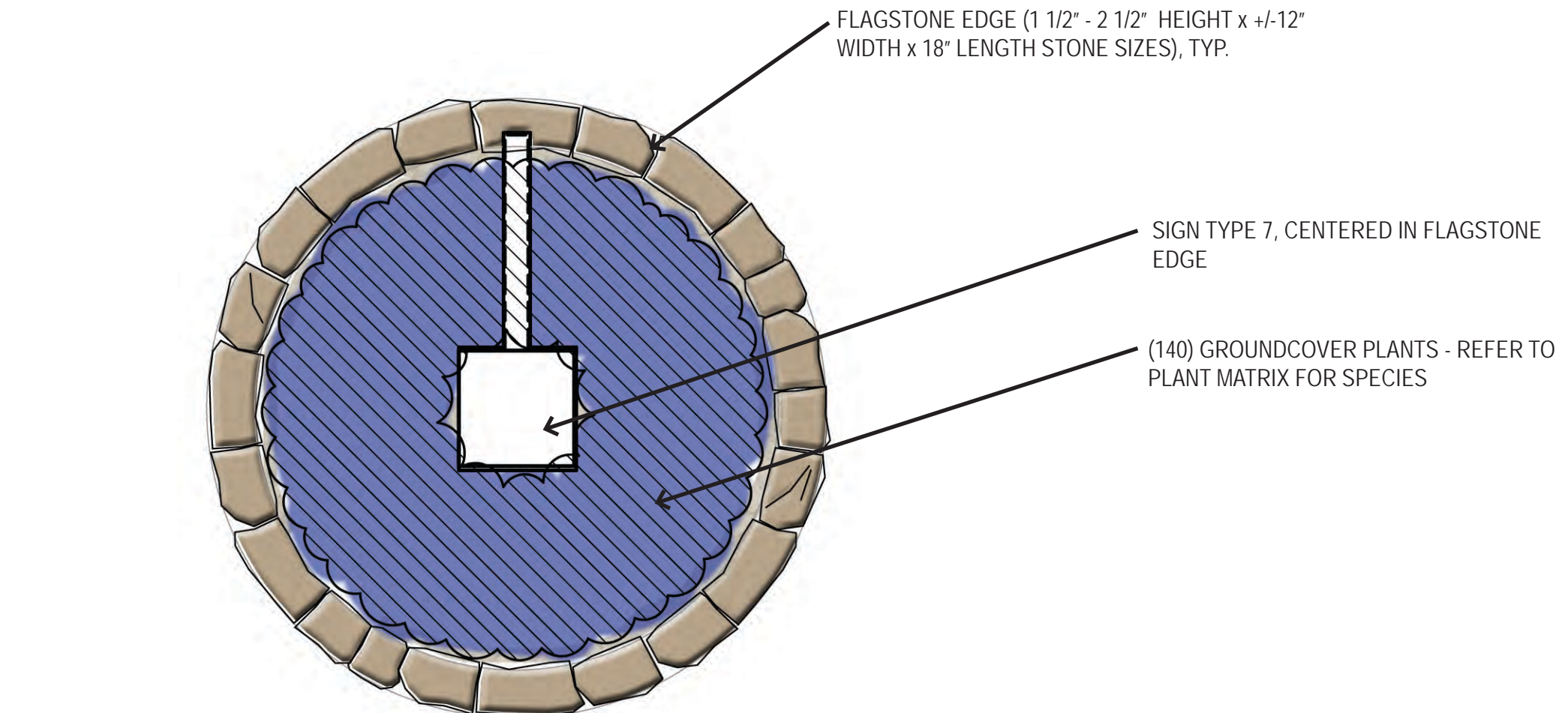
PLAN VIEW



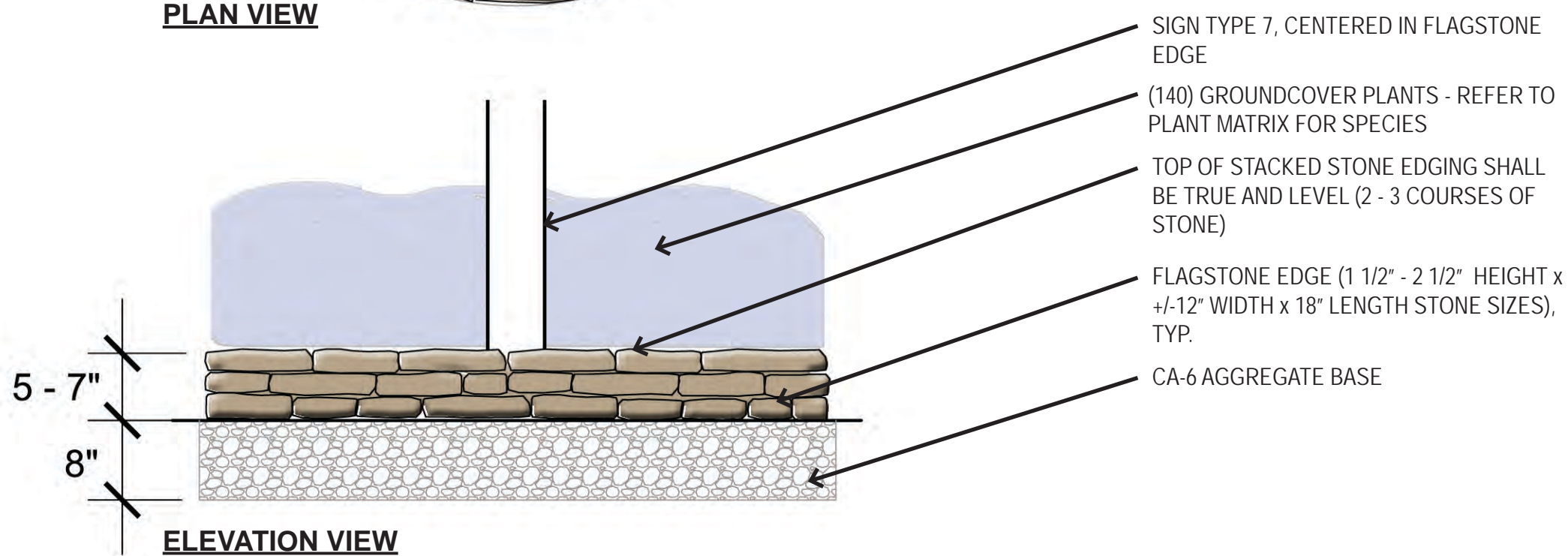
ELEVATION VIEW

**TYPICAL SIGN 3,4, & 8 SERIES (INFORMATIONAL, VEHICULAR DIRECTIONAL, BUILDING IDENTIFICATION)
LANDSCAPE TREATMENT**

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NOTES			





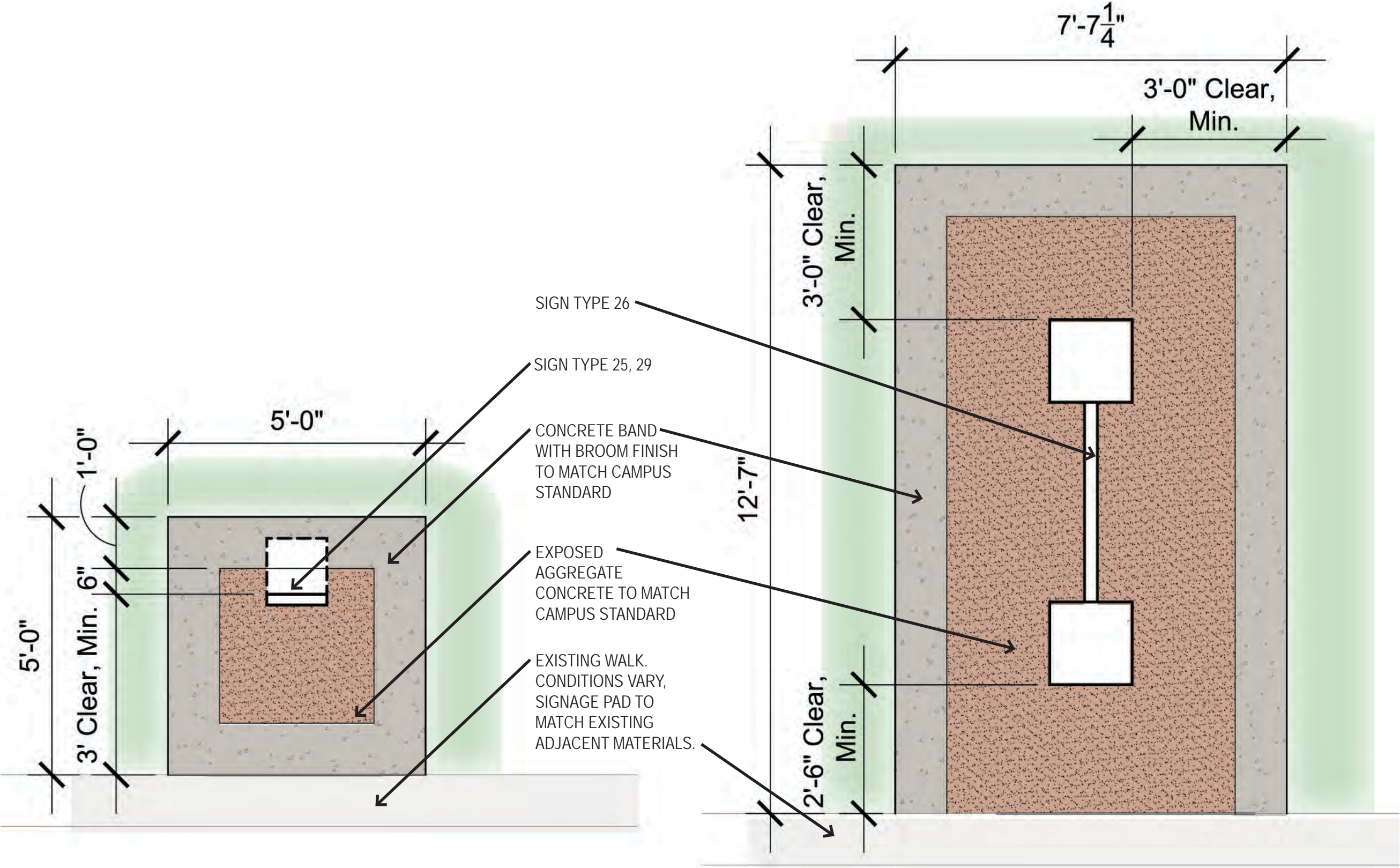
PLAN VIEW



ELEVATION VIEW

TYPICAL SIGN 7 (PEDESTRIAN DIRECTIONAL) LANDSCAPE TREATMENT

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TYPICAL SIGN 7 (PEDESTRIAN DIRECTIONAL) LANDSCAPE TREATMENT			
NOTES			



TYPICAL SIGN 25 / 29 (HISTORICAL MARKER, FREESTANDING DIRECTORY)

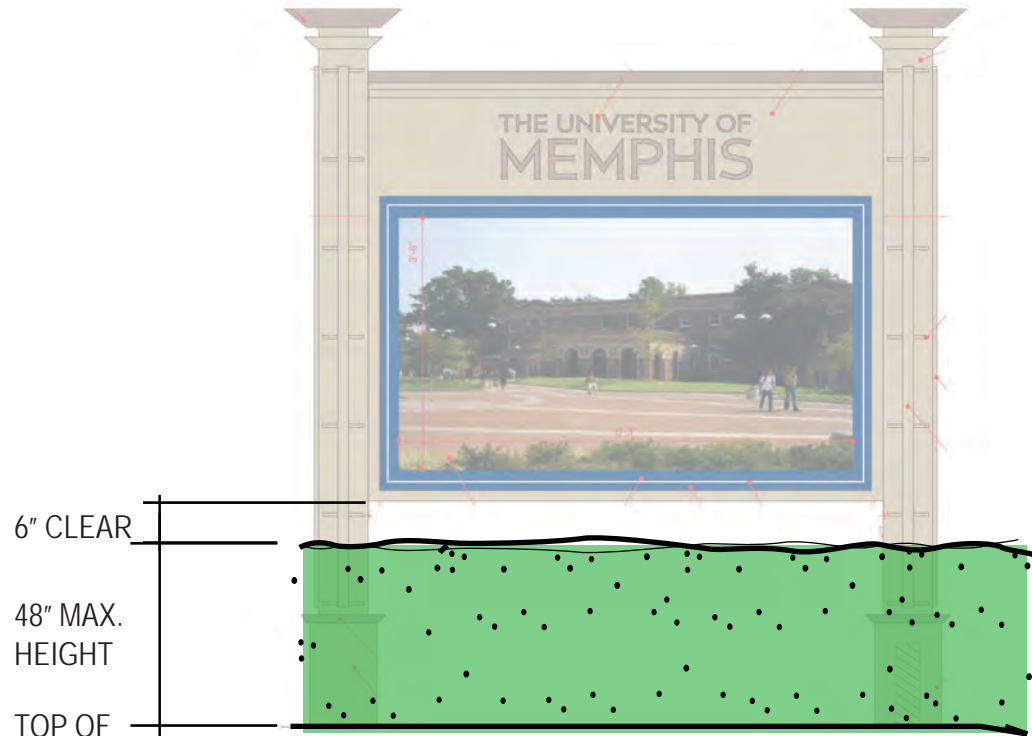
TYPICAL SIGN 26 (CAMPUS DIRECTORY)

TYPICAL (HISTORICAL MARKER, FREESTANDING DIRECTORY, CAMPUS DIRECTORY) LANDSCAPE TREATMENT

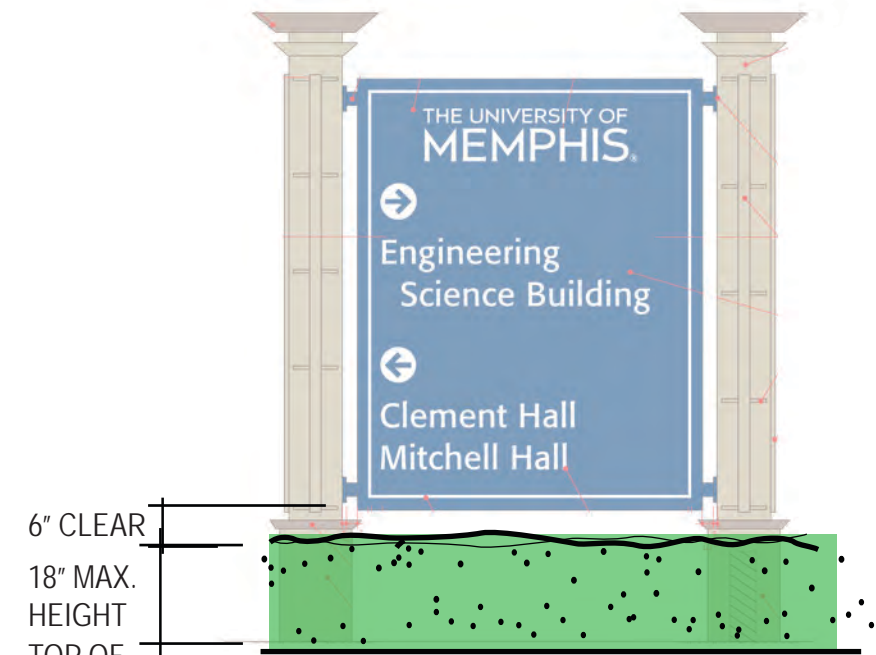
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TYPICAL (HISTORICAL MARKER, FREESTANDING DIRECTORY, CAMPUS DIRECTORY) LANDSCAPE TREATMENT			
NOTES			



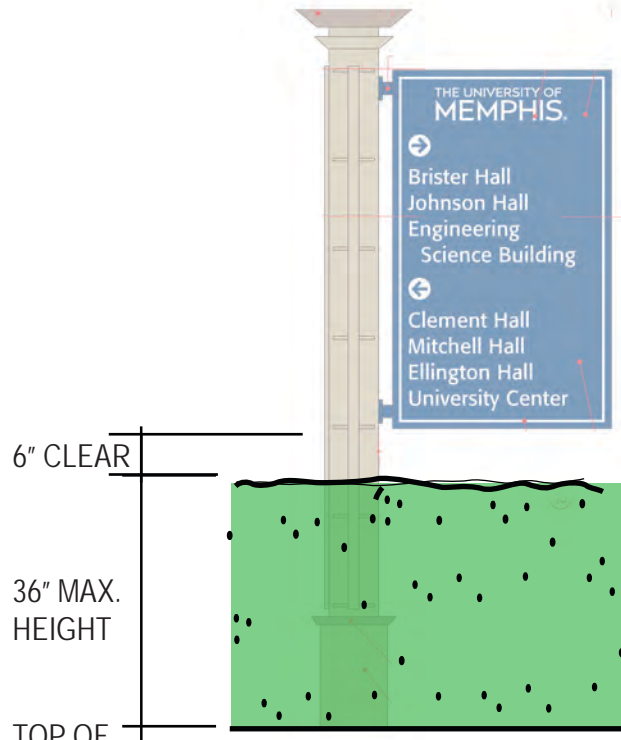
SIGN TYPE M2 / P2



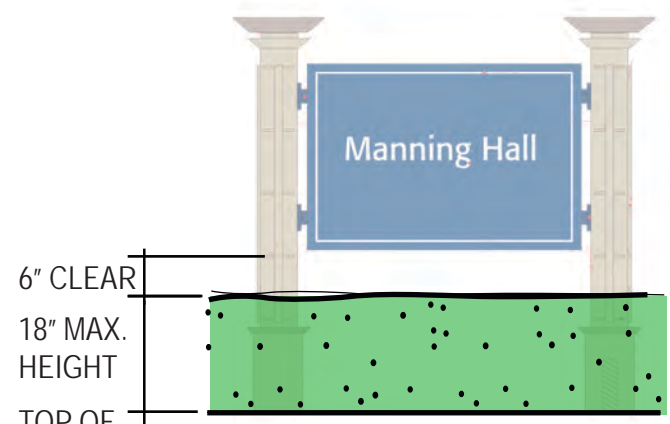
SIGN TYPE 3 SERIES



SIGN TYPE 4 SERIES



SIGN TYPE 7



SIGN TYPE 8 SERIES

TYPICAL PLANT HEIGHT GUIDELINES

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REVISION	1	04-18-12	
REVISION	2	01-31-13	
DRAWING TITLE			
TYPICAL PLANT HEIGHT GUIDELINES			
NOTES			

LANDSCAPE PLANTING MATRIX BY SIGNAGE TYPE													
	SIGN TYPES:									PLANT INFORMATION:			
PLANT SELECTIONS (COMMON NAME / BOTANICAL NAME)	1	2	3'S	4'S	7	8'S	25	26	29	SIZE:	SPACING:	EXPOSURE:	COMMENTS:
CANOPY TREES:	X	X											
Thornless Honey Locust - Gelditisia triacanthos var inermis										3-1/2" Cal	25' O.C.	Full Sun	Located at Patterson/Walker re-alignment
London Plane Tree - Platanus occidentalis										3-1/2" Cal	25' O.C.	Full Sun	Located at Patterson/Walker re-alignment
Red Oak - Quercus rubrum										3-1/2" Cal	25' O.C.	Full Sun	Located at Patterson/Walker re-alignment
ORNAMENTAL TREES:	X	X											
Downy Serviceberry - Amelanchier arborea										10' HT.	12.5' O.C.	Full Sun	Multi-stemmed, 5-7 stems
Eastern Redbud - Cercis canadensis										10' HT.	12.5' O.C.	Full Sun	Multi-stemmed, 5-7 stems
Twilight Crape myrtle - Lagerstroemia indica 'Twilight'										10' HT.	12.5' O.C.	Full Sun	Multi-stemmed, 5-7 stems
Star Magnolia - Magnolia stellata										10' HT.	12.5' O.C.	Full Sun	Single stem, specimen
DECIDUOUS SHRUBS:	X	X											
Beautyberry - Callicarpa americana										#5's	42" O.C.	Full Sun/Prt Shade	Container, well rooted, 30" Ht.
Oakleaf Hydrangea - Hydrangea quercifolia										#5's	42" O.C.	Full Sun/Shade	Container, well rooted, 36" Ht.
Anthony Waterer Spirea - Spirea x 'bumalda Anthony Waterer'										#3's	30" O.C.	Full Sun	Container, well rooted, 18" Ht.
Blue Muffin Viburnum - Viburnum dentatum 'Blue Muffin'										#5's	42" O.C.	Full Sun/Prt Shade	Container, well rooted, 30" Ht.
EVERGREEN SHRUBS:		X											
Shamrock Inkberry - Ilex glabra 'Shamrock'										#3's	36" O.C.	Full Sun /Prt Shade	Container, well rooted, 18" Ht.
Heavenly Bamboo - Nandina domestica 'Harbor Dwarf'										#5's	42" O.C.	Full Sun /Prt Shade	Container, well rooted, 24" Ht.
Japanese Garden Juniper - Juniperus procumbens										#3's	36" O.C.	Full Sun /Prt Sun	Container, well rooted, 18" Spread
PERENNIALS / GRASSES:	X		X	X		X							
Butterfly Weed - Asclepias tuberosa										#1's	12" O.C.	Full Sun	Container grown, well rooted
Purple Dome Aster - Aster novae-angliae										#1's	12" O.C.	Full Sun	Container grown, well rooted
Dwarf Blue Wild Indigo - Baptisia australis var. minor										#1's	12" O.C.	Full Sun	Container grown, well rooted
Northern Sea Oats - Chasmanthium latifolium										#1's	18" O.C.	Full Sun/Prt Shade	Container grown, well rooted
Dense Blazing Star - Liatris spicata										#1's	12" O.C.	Full Sun	Container grown, well rooted
Shenandoah Switchgrass - Panicum virgatum 'Shenandoah'										#1's	18" O.C.	Full Sun/Prt Shade	Container grown, well rooted
Prairie Dropseed Grass - Sporobulus heterolepis										#1's	18" O.C.	Full Sun	Container grown, well rooted
Bright Edge Adam's Needle - Yucca filamentosa 'Bright Edge'										#1's	12" O.C.	Full Sun	Container grown, well rooted
GROUNDCOVERS:	X	X	X	X	X	X							
Catlin's Giant Bugleweed - Ajuga reptans 'Catlin's Giant'										2 1/4" pot	6" O.C.	Full Sun/Prt Shade	Vigorous, well rooted
Big Blue Lily Turf - Liriope muscari 'Big Blue'										2 1/4" pot	12" O.C.	Full Sun/Prt Shade	Vigorous, well rooted
Pachysandra - Pachysandra terminalis										2 1/4" pot	6" O.C.	Prt Sun/Full Shade	Vigorous, well rooted
Ornamental Raspberry - Rubus calycinoides										2 1/4" pot	12" O.C.	Full Sun/Prt Shade	Vigorous, well rooted

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CHECKED BY
BJM 06-10-11

ISSUED FOR / DATE
CONSTRUCTION DOCUMENTS 06-15-11

REVISION NUMBER
REVISION 1 04-18-12
REVISION 2 01-31-13

DRAWING TITLE
LANDSCAPE PLANTING MATRIX BY SIGNAGE TYPE

NOTES

OWNER
UNIVERSITY OF MEMPHIS
MEMPHIS, TN 38152

APPROVAL / DATE
- - -

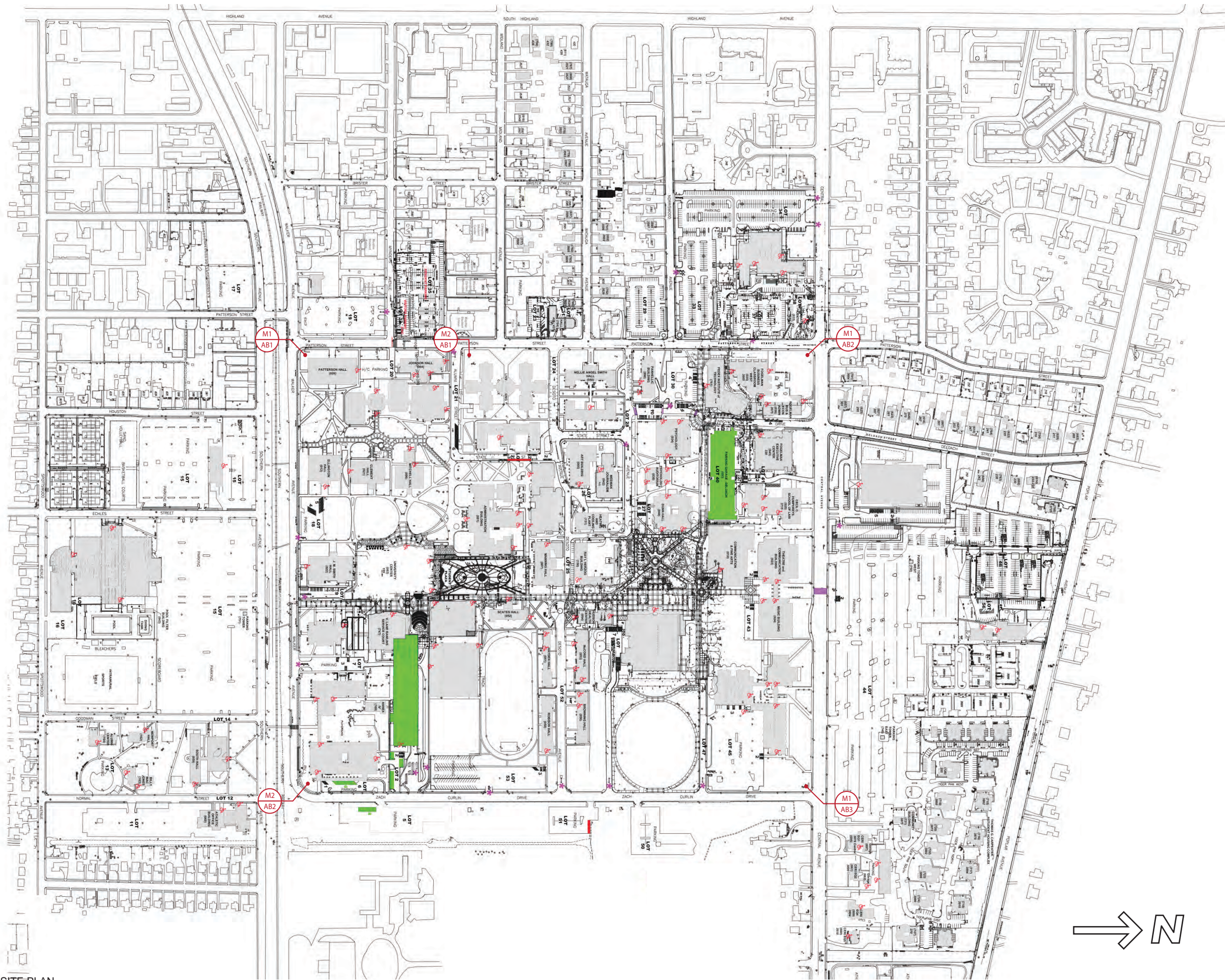
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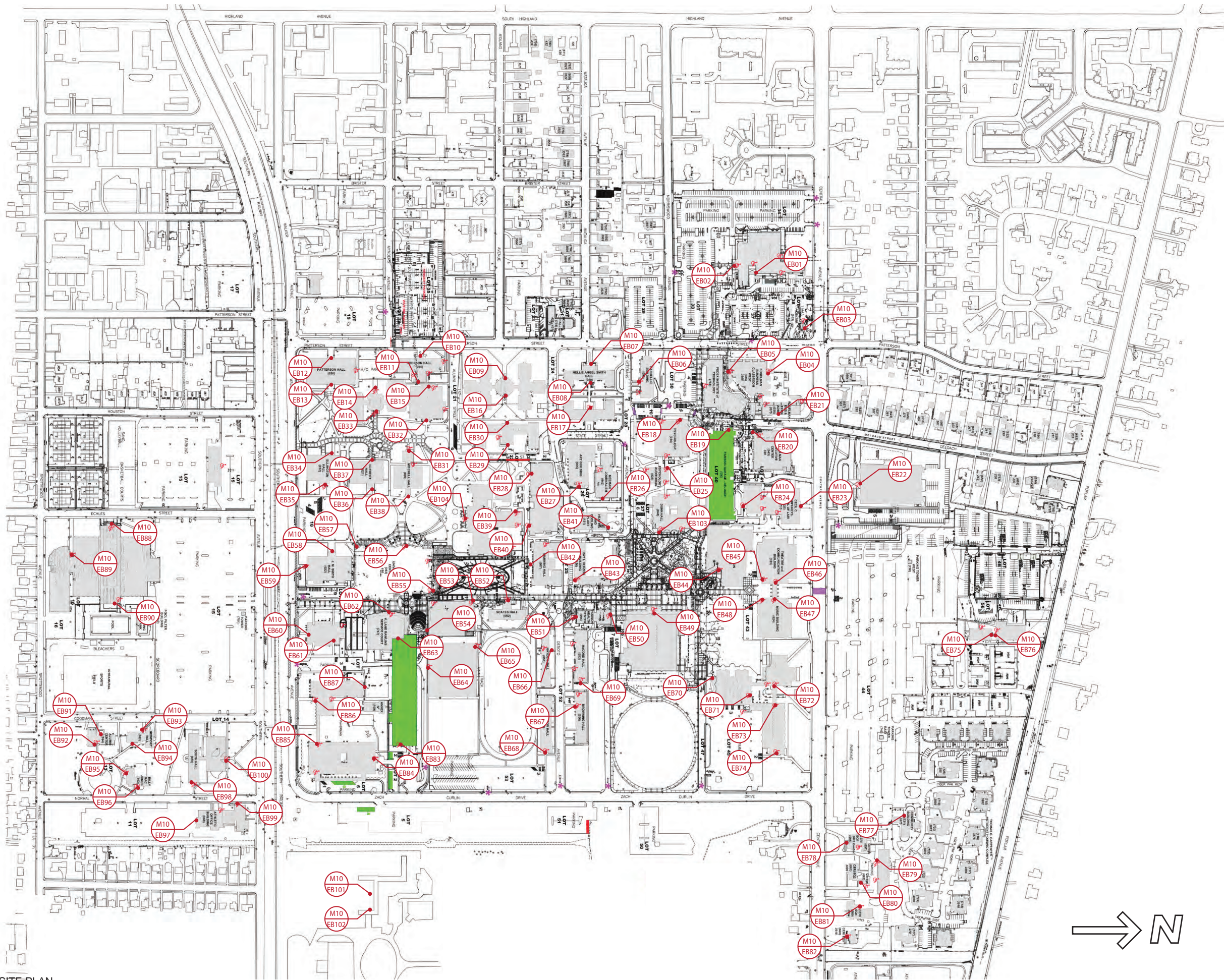
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LOCATION PLANS

MAIN CAMPUS





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CONSTRUCTION DOCUMENTS		06-15-11	
REVISION NUMBER			
REVISION	1	04-18-12	
REVISION	2	01-31-13	
DRAWING TITLE			
SITE PLAN MAIN CAMPUS			
BUILDING DIRECTORY SIGN TYPE 10			
NOTES			
SIGN NUMBER LEGEND:			
M 1 A A 01			
SIGN NUMBER			
SIGN LOCATION			
SIGN USE			
SIGN TYPE			
CAMPUS			
SIGN LOCATION			
A - SITE			
B - BUILDING			
C - PARKING			
SIGN USE			
A - DIRECTIONAL			
B - IDENTIFICATION			
C - CODE			
D - REGULATION			
E - INFORMATIONAL			
CAMPUS			
M - MAIN			
P - PARK AVENUE			
OWNER			
UNIVERSITY OF MEMPHIS			
MEMPHIS, TN 38152			
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PROJECT NUMBER			
1009.07			
SIGN TYPE		SHEET NO.	
SP		01.3	
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1 SITE PLAN
PLAN VIEW

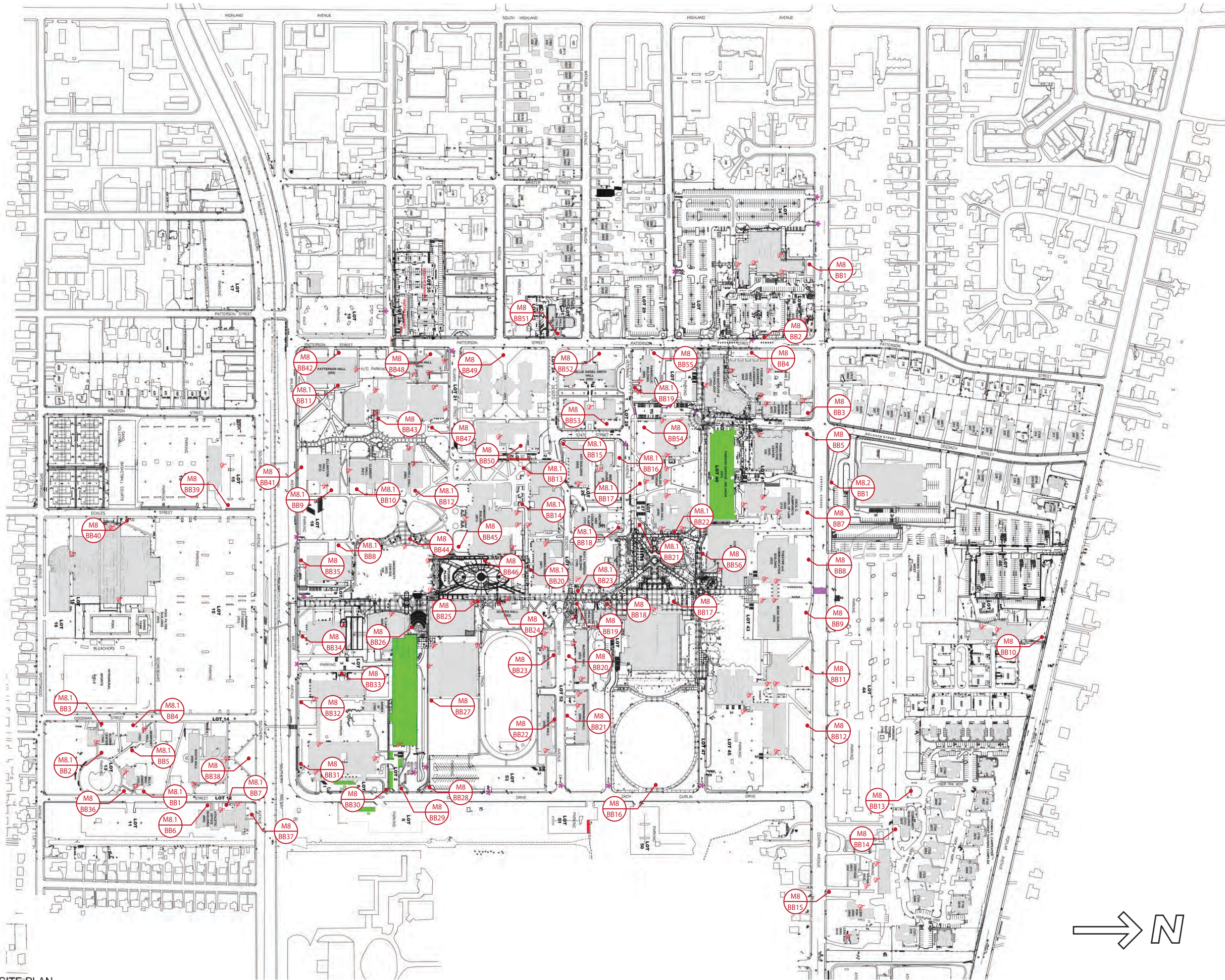
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REVISION NUMBER			
REVISION	1	04-18-12	
REVISION	2	01-31-13	
DRAWING TITLE			
SITE PLAN MAIN CAMPUS			
BUILDING IDENTIFICATION LARGE SIGN TYPE 8			
BUILDING IDENTIFICATION SMALL SIGN TYPE 8.1			
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SIGN NUMBER LEGEND:			
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OWNER			
UNIVERSITY OF MEMPHIS			
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PROJECT NUMBER			
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PLAN VIEW

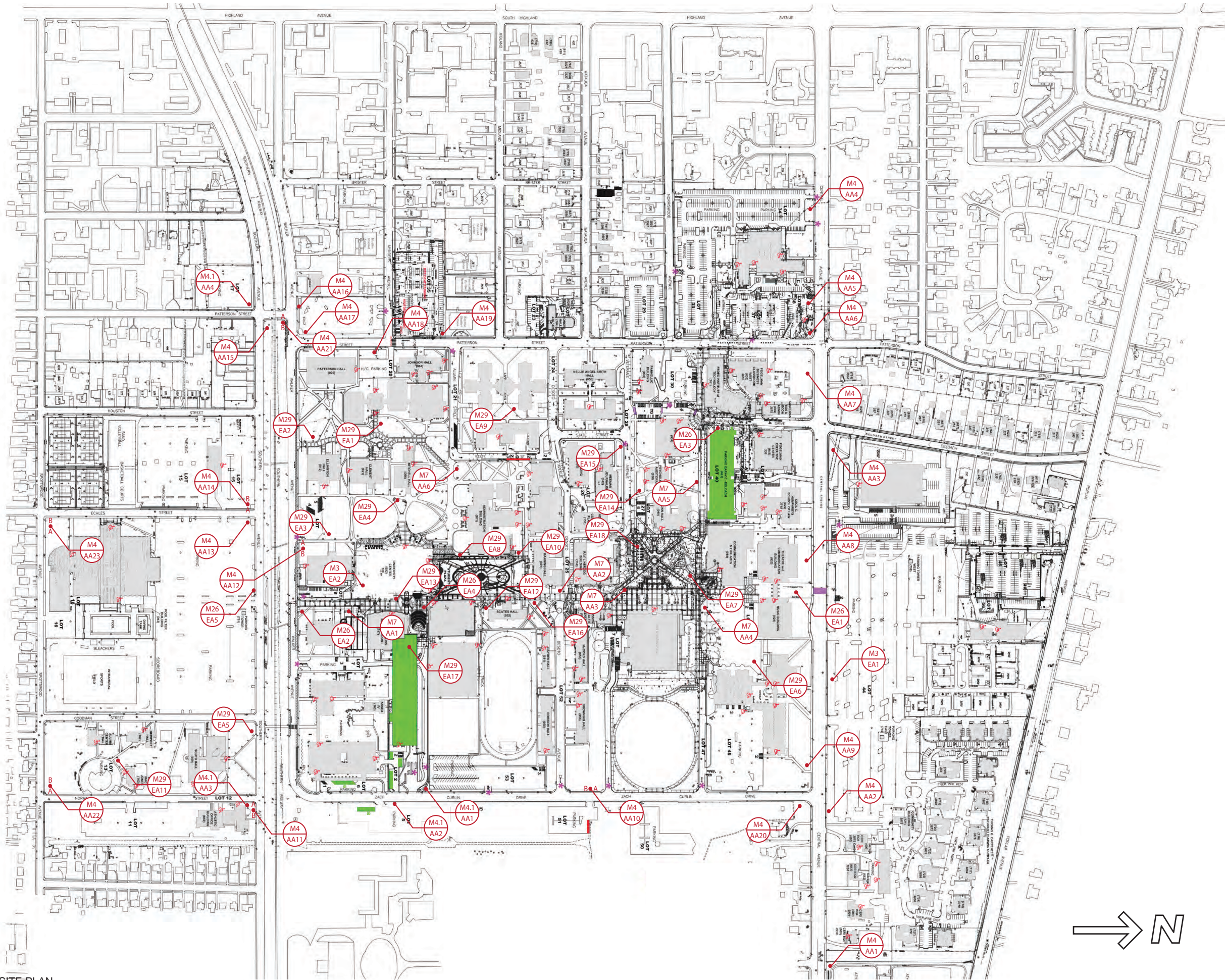
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REVISION	1	04-18-12	
REVISION	2	01-31-13	
DRAWING TITLE			
SITE PLAN MAIN CAMPUS			
LED INFORMATIONAL SIGN LARGE SIGN TYPE 3			
VEHICULAR DIRECTIONAL LARGE SIGN TYPE 4			
VEHICULAR DIRECTIONAL SMALL SIGN TYPE 4.1			
PEDESTRIAN DIRECTIONAL SIGN TYPE 7			
CAMPUS DIRECTORY FREESTANDING SIGN TYPE 26			
SMALL FREESTANDING DIRECTORY SIGN TYPE 29			
NOTES			
SIGN NUMBER LEGEND:			
M 1 A A 01			
SIGN NUMBER			
SIGN LOCATION			
SIGN USE			
SIGN TYPE			
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P - PARK AVENUE			
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MEMPHIS, TN 38152			
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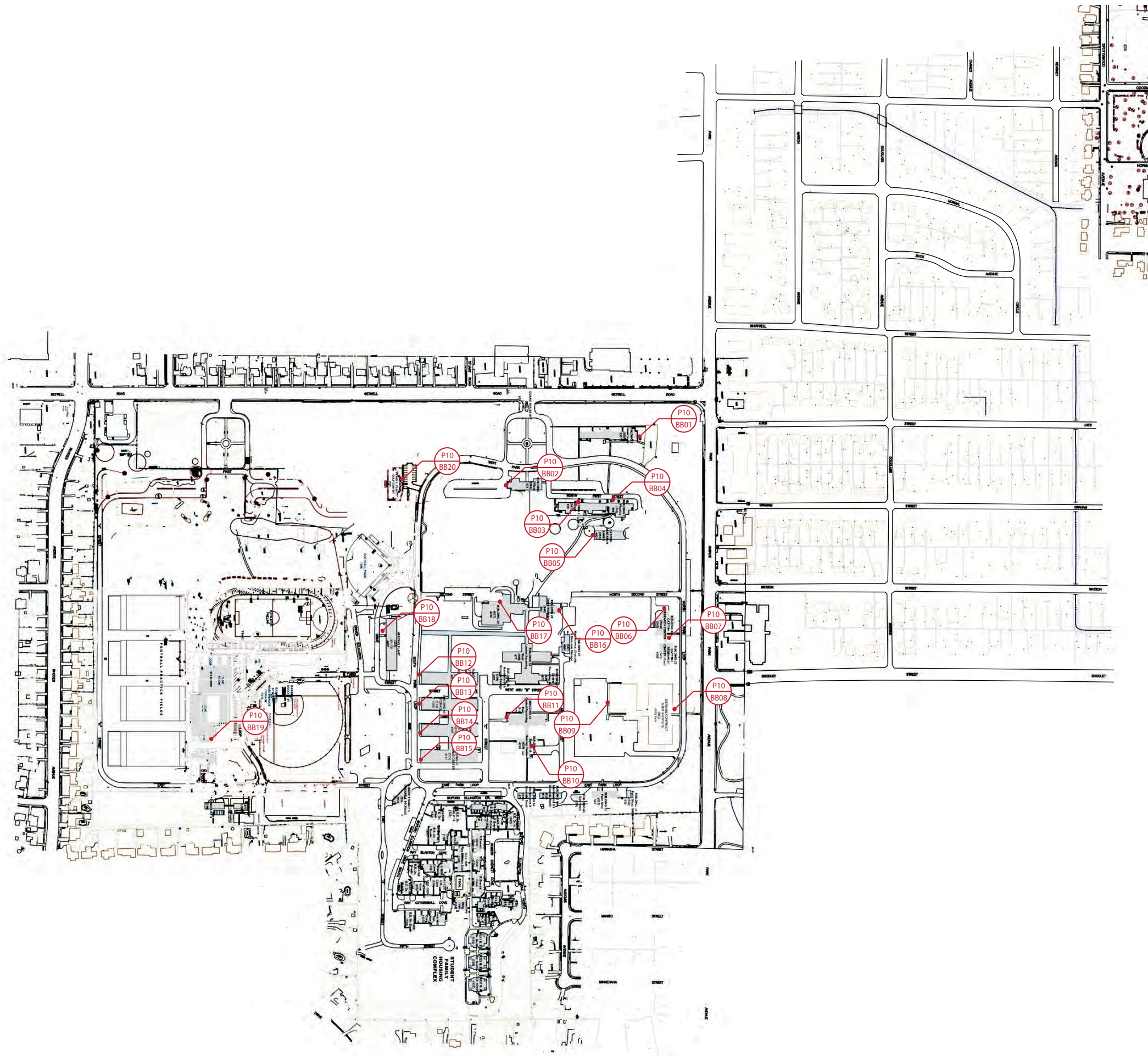
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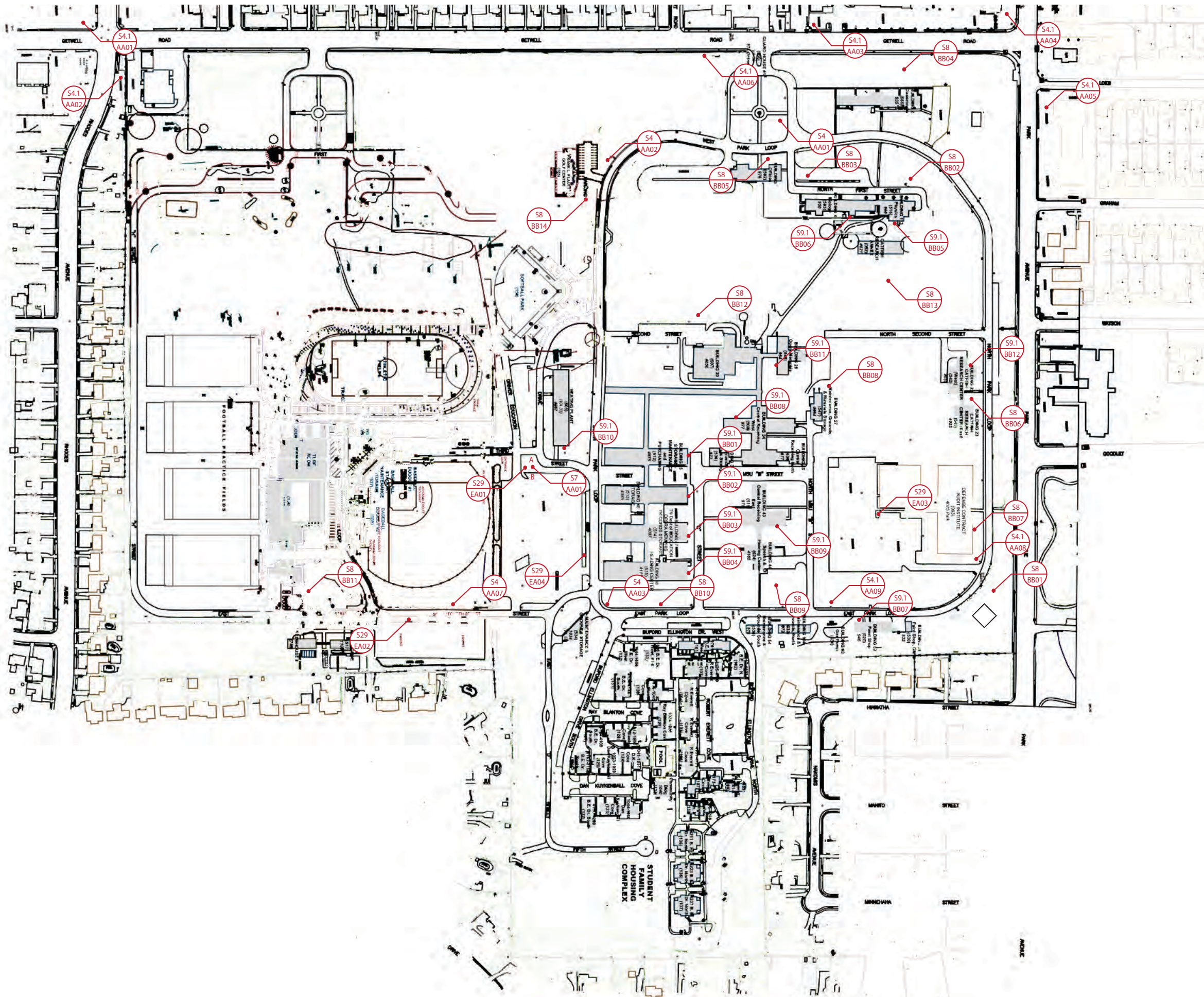
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PARK AVENUE CAMPUS



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CONSTRUCTION DOCUMENTS		06-15-11	
REVISION NUMBER			
REVISION		04-18-12	
REVISION		01-31-13	
DRAWING TITLE			
SITE PLAN PARK AVENUE CAMPUS			
GATEWAY MAIN ENTRANCE SIGN TYPE 1			
GATEWAY SECONDARY ENTRANCE SIGN TYPE 2			
NOTES			
SIGN NUMBER LEGEND:			
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<u>SIGN LOCATION</u>			
A - SITE			
B - BUILDING			
C - PARKING			
<u>SIGN USE</u>			
A - DIRECTIONAL			
B - IDENTIFICATION			
C - CODE			
D - REGULATION			
E - INFORMATIONAL			
<u>CAMPUS</u>			
M - MAIN			
P - PARK AVENUE			
OWNER			
UNIVERSITY OF MEMPHIS			
MEMPHIS, TN 38152			
APPROVAL / DATE			
PROJECT NUMBER			
1009.07			
SIGN TYPE		SHEET NO.	
SP		02	
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REVISION NUMBER			
REVISION		04-18-12	
REVISION		01-31-13	
DRAWING TITLE			
SITE PLAN PARK AVENUE CAMPUS			
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SIGN NUMBER LEGEND:			
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<u>SIGN LOCATION</u>			
A - SITE			
B - BUILDING			
C - PARKING			
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A - DIRECTIONAL			
B - IDENTIFICATION			
C - CODE			
D - REGULATION			
E - INFORMATIONAL			
<u>CAMPUS</u>			
M - MAIN			
P - PARK AVENUE			
OWNER			
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MEMPHIS, TN 38152			
APPROVAL / DATE			
PROJECT NUMBER			
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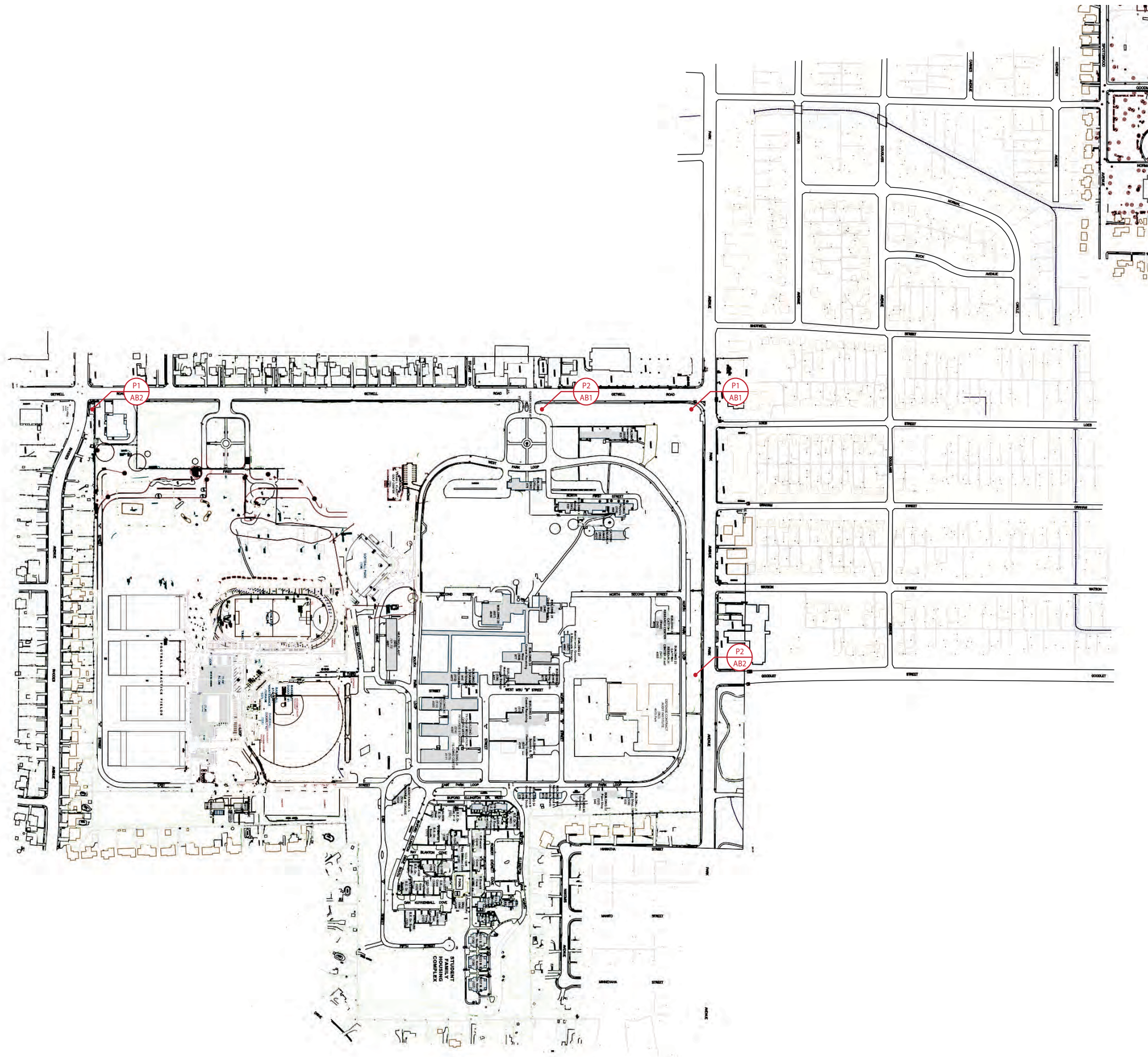
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REVISION	1	04-18-12	
REVISION	2	01-31-13	
DRAWING TITLE			
SITE PLAN PARK AVENUE CAMPUS			
GATEWAY MAIN ENTRANCE SIGN TYPE 1			
GATEWAY SECONDARY ENTRANCE SIGN TYPE 2			
NOTES			
SIGN NUMBER LEGEND:			
M 1 A A 01			
		SIGN NUMBER	
		SIGN LOCATION	
		SIGN USE	
		SIGN TYPE	
		CAMPUS	
SIGN LOCATION			
A - SITE			
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MAIN CAMPUS MESSAGE SCHEDULE

M	4	A	A	A	10	SIDE A (Up Arrow) Campus Police Parking Garage 2 Parking Services Roane Field House Rose Theatre	P			
M	4	A	A	A	11	SIDE B (Up Arrow) Earthquake Research Center Parking Garage 2 Information Center Wildier Tower Admissions Financial Aid	P			
M	4	A	A	A	12	SIDE A (Right Arrow) Athletic Office Hall of Fame Ticketing Alumni Center				
M	4	A	A	A	13	SIDE B (Left Arrow) Alumni Center Athletic Office Hall of Fame Ticketing Finch Recreation Center Wildier Tower Admissions Financial Aid				
M	4	A	A	A	14	SIDE A (Up Arrow) Campus Police Parking Garage 2 Parking Services Roane Field House Rose Theatre	P			
M	4	A	A	A	15	SIDE B (Up Arrow) Campus Police Parking Garage 2 Parking Services Roane Field House Rose Theatre Visitor Parking Garages Wildier Tower Admissions Financial Aid				
M	4	A	A	A	16	SIDE A (Left Arrow) Finch Recreation Center (Up Arrow) Information Center Roane Field House Rose Theatre Visitor Parking Garages Wildier Tower Admissions Financial Aid				
M	4	A	A	A	17	SIDE B (Right Arrow) Finch Recreation Center (Up Arrow) Alumni Center Athletic Office Hall of Fame Ticketing				
M	4	A	A	A	18	(Right Arrow) Information Center Roane Field House Rose Theatre Visitor Parking Garages Wildier Tower Admissions Financial Aid	P			
M	4	A	A	A	19	(Right Arrow) FedEx Institute of Technology Fogelman College of Business Information Center Roane Field House Rose Theatre Visitor Parking Garages Wildier Tower Admissions Financial Aid				
M	4	A	A	A	20	(Right Arrow) FedEx Institute of Technology Fogelman College of Business Information Center Roane Field House Rose Theatre Visitor Parking Garages Wildier Tower Admissions Financial Aid	P			

M	Campus	4	A	A	A				(Right Arrow) Alumni Center Athletic Office Hall of Fame Ticketing Finch Recreation Center (Left Arrow) Campus Police Parking Garage 2 Parking Services Roane Field House Rose Theatre	P			
M	Campus	4	A	A	A				(Left Arrow) Visitor Parking Admissions Financial Aid (Up Arrow) FedEx Institute of Technology Fogelman College of Business Information Center Parking Garage 1	P			
M	Campus	4	A	A	A				(Right Arrow) Visitor Parking Admissions Financial Aid (Up Arrow) Alumni Center Athletic Office Campus Police Finch Recreation Center Parking Garage 2 Parking Services Roane Field House Rose Theatre	P			
M	Campus	4	A	A	A				(Right Arrow) Earthquake Research Center (Left Arrow) Parking Garage 2 Information Center Wildier Tower Admissions Financial Aid	P			
M	Campus	4	A	A	A				SIDE A (Left Arrow) FedEx Institute of Technology Fogelman College of Business Information Center Visitor Parking Garage 1 Wildier Tower Admissions Financial Aid (Up Arrow) Campus Police Roane Field House Rose Theatre Visitor Parking Garage 2 SIDE B (Right Arrow) FedEx Institute of Technology Fogelman College of Business Information Center Visitor Parking Garage 1 Wildier Tower Admissions Financial Aid (Up to Left Arrow) Alumni Center Athletic Office Hall of Fame Ticketing	P			
M	Campus	4	A	A	A				SIDE A (Right Arrow) Alumni Center Athletic Office Hall of Fame Ticketing (Up Arrow) Campus Police (Substation) Finch Recreation Center SIDE B (Left Arrow) Alumni Center Athletic Office Hall of Fame Ticketing				
M	Campus	4	A	A	A				SIDE A (Right Arrow) Campus Police (Substation) Finch Recreation Center SIDE B (Left Arrow) Campus Police (Substation) Finch Recreation Center (Up Arrow) Alumni Center Athletic Office Hall of Fame Ticketing				
M	Campus	4	A	A	A				(Right Arrow) Campus Police Parking Garage 2 Parking Services Roane Field House Rose Theatre	P			
M	Campus	4.1	A	A	A								

M	4.1	A	A	A					(Left Arrow) Campus Police Parking Garage 2 Parking Services Roane Field House 2 Rose Theatre	P		
Campus	Sign Type	Sign Use	Sign Location	Sign Number	Message	Symbols	Remarks	Installation Notes				
					(Left Arrow) Campus Police (Substation) Finch Recreation Center Information Center Wilder Tower Admissions Financial Aid							
M	4.1	A	A	3								
Campus	Sign Type	Sign Use	Sign Location	Sign Number	Message	Symbols	Remarks	Installation Notes				
					(Left Arrow) Alumni Center Athletic Office Hall of Fame Ticketing Finch Recreation Center							
M	4.1	A	A	4								
Campus	Sign Type	Sign Use	Sign Location	Sign Number	Message	Symbols	Remarks	Installation Notes				
M	7	A	A	1	SIDE A							
					University of Memphis		Header					
					(Up Arrow)							
					Administration Building							
					McWherter Library							
					Roane Fieldhouse							
					Rose Theatre							
					University Center							
					SIDE B							
					University of Memphis		Header					
					(Up Arrow)							
					Athletics Office							
					Hall of Fame							
					Tickets							
					Finch Recreation Facility							
					Student Parking (Recreation Center)							
					Student Recreation & Fitness Center							
Campus	Sign Type	Sign Use	Sign Location	Sign Number	Message	Symbols	Remarks	Installation Notes				
M	7	A	A	2	SIDE A							
					University of Memphis		Header					
					(Left Arrow)							
					Administration Building							
					Roane Fieldhouse							
					Rose Theatre							
					University Center							
					(Right Arrow)							
					Visitor Parking (Central Avenue)							
					Parking Garage 1							
					McWherter Library							
					(Up Arrow)							
					Art Building							
					Jones Hall							
					Cafeteria							
					SIDE B							
					University of Memphis		Header					
					(Left Arrow)							
					Visitor Parking (Central Avenue)							
					McWherter Library							
					(Right Arrow)							
					Administration Building							
					Parking Garage 2							
					Roane Fieldhouse							
					Rose Theatre							
					Student Parking (Recreation Center)							
					University Center							
					(Up Arrow)							
					Hayden Hall							
Campus	Sign Type	Sign Use	Sign Location	Sign Number	Message	Symbols	Remarks	Installation Notes				
M	7	A	A	3	SIDE A							
					University of Memphis		Header					
					(Diagonal Left Arrow)							
					FedEx Institute of Technology							
					Fogelman College of Business							
					Parking Garage 2							
					(Left Arrow)							
					Meehan Journalism Building							
					Psychology							
					(Right Arrow)							
					McWherter Library							
					(Up Arrow)							
					Visitor Parking (Central Avenue)							
					Engineering							
					Cultural Communications							
					Fine Arts							
					Music							
					Theatre							
					SIDE B							
					University of Memphis		Header					
					(Left Arrow)							
					McWherter Library							
					(Right Arrow)							
					Meehan Journalism Building							
					Psychology							
					(Up Arrow)							

M	8.1	B	B	B	2	Alumni Center						
M	8.1	B	B	B	3	Alumni Center						
M	8.1	B	B	B	4	Newport Hall						
M	8.1	B	B	B	5	Newport Hall						
M	8.1	B	B	B	6	Ticketing Office						
M	8.1	B	B	B	7	Hall of Fame						
M	8.1	B	B	B	8	J.M. Smith Hall						
Campus	Sign Type	Sign Use	Sign Location	Sign Number	Message	Symbols	Remarks	Installation Notes				
M	8.1	B	B	9	Ellington Hall							
M	8.1	B	B	10	Clement Hall							
M	8.1	B	B	11	Patterson Hall							
M	8.1	B	B	12	Mitchell Hall							
M	8.1	B	B	13	Jones Hall							
M	8.1	B	B	14	Jones Hall Cafeteria							
M	8.1	B	B	15	Art Building							
Campus	Sign Type	Sign Use	Sign Location	Sign Number	Message	Symbols	Remarks	Installation Notes				
M	8.1	B	B	16	Edward J. Meeman Journalism Building							
M	8.1	B	B	17	Psychology Auditorium							
M	8.1	B	B	18	Heating & Cooling Plant							
M	8.1	B	B	19	Panhellenic Building							
M	8.1	B	B	20	Manning Hall							
M	8.1	B	B	21	Winfield Dunn Hall							
M	8.1	B	B	22	Winfield Dunn Hall							
M	8.1	B	B	23	Ray L. Herzog Building							
Campus	Sign Type	Sign Use	Sign Location	Sign Number	Message	Symbols	Remarks	Installation Notes				
M	9	B	B	01	Engineering Technology Building							
M	9	B	B	02	Engineering Administration							
M	9	B	B	03	Music Building							
M	9	B	B	04	Communication & Fine Arts Building							
M	9	B	B	05	Cecil C. Humphreys School of Law							
M	9	B	B	06	Parking Garage Deloach							
M	9	B	B	07	Fogelman Executive Center							
M	9	B	B	08	Parking Garage Deloach							
M	9	B	B	09	Manning Hall							
M	9	B	B	10	Psychology							
Campus	Sign Type	Sign Use	Sign Location	Sign Number	Message	Symbols	Remarks	Installation Notes				
M	9	B	B	11	Winfield Dunn Hall							
M	9	B	B	12	Theatre and Communication Building							
M	9	B	B	13	Parking Garage Zach Curlin							
M	9	B	B	14	V. Lane Rawlins University Services Court Building							
M	9	B	B	15	Life Sciences Building							
M	9	B	B	16	University Center							
M	9	B	B	17	J.M. Smith Hall							
M	9	B	B	18	Patterson Hall							
M	9	B	B	19	Ellington Hall							
M	9	B	B	20	John Willard Brister Hall							
Campus	Sign Type	Sign Use	Sign Location	Sign Number	Message	Symbols	Remarks	Installation Notes				
M	9	B	B	21	University Center							
M	9	B	B	22	Clement Hall							
M	9	B	B	23	Jones Hall Cafeteria							
M	9	B	B	24	Jones Hall							
M	9	B	B	25	Mynders Hall							
M	9	B	B	26	Mynders Hall							
Campus	Sign Type	Sign Use	Sign Location	Sign Number	Message	Symbols	Remarks	Installation Notes				
M	9.1	B	B	01	Earthquake Research & Information Building 5							
M	9.1	B	B	02	Earthquake Research & Information Building 4							
M	9.1	B	B	03	Earthquake Research & Information Building 2							
M	9.1	B	B	04	Earthquake Research & Information Building 1							
M	9.1	B	B	05	Earthquake Research & Information							
M	9.1	B	B	06	Community Building							
M	9.1	B	B	07	Barbara K. Lipman School							
M	9.1	B	B	08	Fogelman College of Business Administration Building							
M	9.1	B	B	09	Panhellenic Building							
M	9.1	B	B	10	Heating & Cooling Plant							
Campus	Sign Type	Sign Use	Sign Location	Sign Number	Message	Symbols	Remarks	Installation Notes				
M	9.1	B	B	11	Ray L. Herzog Building							
M	9.1	B	B	12	Mitchell Hall							
M	9.1	B	B	13	Mitchell Hall							
M	9.1	B	B	14	Scates Hall							

M	9.1	B	B	B	15	Printing Services Building						
M	9.1	B	B	B	16	Nellie Angel Smith Hall						
M	9.1	B	B	B	17	Rawls Hall						
M	9.1	B	B	B	18	Nellie Angel Smith Hall						
M	9.1	B	B	B	19	Rawls Hall						
M	9.1	B	B	B	20	Edward J. Meeman Journalism Building						
Campus	Sign Type	Sign Use	Sign Location	Sign Number	Message							
M	10	E	B	01	Message TBD by UOM							
M	10	E	B	02	Message TBD by UOM							
M	10	E	B	03	Message TBD by UOM							
M	10	E	B	04	Message TBD by UOM							
M	10	E	B	05	Message TBD by UOM							
M	10	E	B	06	Message TBD by UOM							
M	10	E	B	07	Message TBD by UOM							
M	10	E	B	08	Message TBD by UOM							
M	10	E	B	09	Message TBD by UOM							
M	10	E	B	10	Message TBD by UOM							
M	10	E	B	11	Message TBD by UOM							
M	10	E	B	12	Message TBD by UOM							
M	10	E	B	13	Message TBD by UOM							
M	10	E	B	14	Message TBD by UOM							
M	10	E	B	15	Message TBD by UOM							
M	10	E	B	16	Message TBD by UOM							
M	10	E	B	17	Message TBD by UOM							
M	10	E	B	18	Message TBD by UOM							
M	10	E	B	19	Message TBD by UOM							
M	10	E	B	20	Message TBD by UOM							
Campus	Sign Type	Sign Use	Sign Location	Sign Number	Message							
M	10	E	B	21	Message TBD by UOM							
M	10	E	B	22	Message TBD by UOM							
M	10	E	B	23	Message TBD by UOM							
M	10	E	B	24	Message TBD by UOM							
M	10	E	B	25	Message TBD by UOM							
M	10	E	B	26	Message TBD by UOM							
M	10	E	B	27	Message TBD by UOM							
M	10	E	B	28	Message TBD by UOM							
M	10	E	B	29	Message TBD by UOM							
M	10	E	B	30	Message TBD by UOM							
Campus	Sign Type	Sign Use	Sign Location	Sign Number	Message							
M	10	E	B	31	Message TBD by UOM							
M	10	E	B	32	Message TBD by UOM							
M	10	E	B	33	Message TBD by UOM							
M	10	E	B	34	Message TBD by UOM							
M	10	E	B	35	Message TBD by UOM							
M	10	E	B	36	Message TBD by UOM							
M	10	E	B	37	Message TBD by UOM							
M	10	E	B	38	Message TBD by UOM							
M	10	E	B	39	Message TBD by UOM							
M	10	E	B	40	Message TBD by UOM							
M	10	E	B	41	Message TBD by UOM							
M	10	E	B	42	Message TBD by UOM							
M	10	E	B	43	Message TBD by UOM							
Campus	Sign Type	Sign Use	Sign Location	Sign Number	Message							
M	10	E	B	44	Message TBD by UOM							
M	10	E	B	45	Message TBD by UOM							
M	10	E	B	46	Message TBD by UOM							
M	10	E	B	47	Message TBD by UOM							
M	10	E	B	48	Message TBD by UOM							
M	10	E	B	49	Message TBD by UOM							
M	10	E	B	50	Message TBD by UOM							
Campus	Sign Type	Sign Use	Sign Location	Sign Number	Message							
M	10	E	B	51	Message TBD by UOM							
M	10	E	B	52	Message TBD by UOM							
M	10	E	B	53	Message TBD by UOM							
M	10	E	B	54	Message TBD by UOM							
M	10	E	B	55	Message TBD by UOM							
M	10	E	B	56	Message TBD by UOM							
M	10	E	B	57	Message TBD by UOM							

M	10	E	B				Message TBD by UOM						
M	10	E	B				Message TBD by UOM						
M	10	E	B				Message TBD by UOM						
M	10	E	B				Message TBD by UOM						
M	10	E	B				Message TBD by UOM						
M	10	E	B				Message TBD by UOM						
M	10	E	B				Message TBD by UOM						
M	10	E	B				Message TBD by UOM						
Campus	Sign Type	Sign Use	Sign Location	Sign Number	Message	Symbols	Remarks	Installation Notes					
M	10	E	B	64	Message TBD by UOM								
M	10	E	B	65	Message TBD by UOM								
M	10	E	B	66	Message TBD by UOM								
M	10	E	B	67	Message TBD by UOM								
M	10	E	B	68	Message TBD by UOM								
M	10	E	B	69	Message TBD by UOM								
M	10	E	B	70	Message TBD by UOM								
M	10	E	B	71	Message TBD by UOM								
M	10	E	B	72	Message TBD by UOM								
M	10	E	B	73	Message TBD by UOM								
M	10	E	B	74	Message TBD by UOM								
M	10	E	B	75	Message TBD by UOM								
M	10	E	B	76	Message TBD by UOM								
M	10	E	B	77	Message TBD by UOM								
M	10	E	B	78	Message TBD by UOM								
M	10	E	B	79	Message TBD by UOM								
Campus	Sign Type	Sign Use	Sign Location	Sign Number	Message	Symbols	Remarks	Installation Notes					
M	10	E	B	80	Message TBD by UOM								
M	10	E	B	81	Message TBD by UOM								
M	10	E	B	82	Message TBD by UOM								
M	10	E	B	83	Message TBD by UOM								
M	10	E	B	84	Message TBD by UOM								
M	10	E	B	85	Message TBD by UOM								
M	10	E	B	86	Message TBD by UOM								
M	10	E	B	87	Message TBD by UOM								
M	10	E	B	88	Message TBD by UOM								
M	10	E	B	89	Message TBD by UOM								
Campus	Sign Type	Sign Use	Sign Location	Sign Number	Message	Symbols	Remarks	Installation Notes					
M	10	E	B	90	Message TBD by UOM								
M	10	E	B	91	Message TBD by UOM								
M	10	E	B	92	Message TBD by UOM								
M	10	E	B	93	Message TBD by UOM								
M	10	E	B	94	Message TBD by UOM								
M	10	E	B	95	Message TBD by UOM								
M	10	E	B	96	Message TBD by UOM								
M	10	E	B	97	Message TBD by UOM								
M	10	E	B	98	Message TBD by UOM								
M	10	E	B	99	Message TBD by UOM								
M	10	E	B	100	Message TBD by UOM								
M	10	E	B	101	Message TBD by UOM								
M	10	E	B	102	Message TBD by UOM								
M	10	E	B	103	Message TBD by UOM								
M	10	E	B	104	Message TBD by UOM								
Campus	Sign Type	Sign Use	Sign Location	Sign Number	Message	Symbols	Remarks	Installation Notes					
M	26	E	A	1	University of Memphis			Location to be field verified					
					Campus Directory								
					CENTRAL AVENUE ENTRANCE								
							Footer						
M	26	E	A	2	University of Memphis		Header	Location to be field verified					
					Campus Directory								
					WALKER AVENUE ENTRANCE								
							Footer						
M	26	E	A	3	University of Memphis		Header	Location to be field verified					
					Campus Directory								
					PARKING GARAGE #1								
							Footer						
M	26	E	A	4	University of Memphis		Header	Location to be field verified					

PARK AVENUE CAMPUS MESSAGE SCHEDULE

Sign Type	Description	Sign Use	Sign Location	Sign Number	Message	Symbols	Remarks	Installation Notes
4.1	Vehicular Directional Small							
7	Pedestrian Directional							
8	Large Freestanding Building Identification							
8.1	Small Freestanding Building Identification							
9.1	Small Wall Mount Building Identification							
10	Building Directory							
26	Campus Directory Freestanding							
29	Small Freestanding Directory							
Symbols P	Description							
	Parking							
Campus	Sign Type	Sign Use	Sign Location	Sign Number	Message	Symbols	Remarks	Installation Notes
S	4	A	A	01	(Right Arrow)			
					Golf Center			
					Softball Park			
					Athletic Fields			
					Athletic Training Facilities			
					Football Fields			
					Baseball Stadium			
					(Left Arrow)			
					Defense Contract Audit Institute			
					Student Housing			
					Speech and Hearing Center			
					(Up Arrow)			
					Biology			
					Psychology			
S	4	A	A	02	(Right Arrow)			
					Golf Center			
					(Up Arrow)			
					Softball Park			
					Athletic Fields			
					Baseball Park			
					Athletic Training Facilities			
					Football Practice Fields			
S	4	A	A	03	(Left Arrow)			
					Baseball Field			
					Athletic Training Facilities			
					Football Practice Fields			
					(Right Arrow)			
					Athletic Fields			
					Softball Park			
					Golf Center			
Campus	Sign Type	Sign Use	Sign Location	Sign Number	Message	Symbols	Remarks	Installation Notes
S	4.1	A	A	1	(Up Arrow)			
					Park Avenue Campus			
					Athletic Fields			
					Baseball Field			
					Softball Park			
S	4.1	A	A	2	(Right Arrow)			
					Park Avenue Campus			
					Athletic Fields			
					Baseball Field			
					Softball Park			
S	4.1	A	A	4	(Right Arrow)			
					Park Avenue Campus			
					Athletic Fields			
					Baseball Field			
					Softball Park			
S	4.1	A	A	5	(Left Arrow)			
					Park Avenue Campus			
					Athletic Fields			
					Baseball Field			
					Softball Park			
S	4.1	A	A	6	(Right Arrow)			
					Park Avenue Campus			
					Athletic Fields			
					Baseball Field			
					Softball Park			
S	4.1	A	A	7	(Up Arrow)			
					Athletic Training Facilities			
					Football Practice Fields			
S	4.1	A	A	8	(Right Arrow)			
					Defense Contract Audit Institute			
					(Up Arrow)			
					Student Housing			
					Speech and Hearing Center			
Campus	Sign Type	Sign Use	Sign Location	Sign Number	Message	Symbols	Remarks	Installation Notes
S	4.1	A	A	9	(Right Arrow)			
					Speech and Hearing Center			
					(Up Arrow)			
					Student Housing			
S	7	A	A	01	(SIDE A)			
					University of Memphis		Header	
					(Right Arrow)			
					Baseball Stadium			

S	10	B	B	B	5	Message TBD by UOM			
S	10	B	B	B	6	Message TBD by UOM			
S	10	B	B	B	7	Message TBD by UOM			
S	10	B	B	B	8	Message TBD by UOM			
S	10	B	B	B	9	Message TBD by UOM			
S	10	B	B	B	10	Message TBD by UOM			
S	10	B	B	B	11	Message TBD by UOM			
S	10	B	B	B	12	Message TBD by UOM			
S	10	B	B	B	13	Message TBD by UOM			
S	10	B	B	B	14	Message TBD by UOM			
S	10	B	B	B	15	Message TBD by UOM			
S	10	B	B	B	16	Message TBD by UOM			
S	10	B	B	B	17	Message TBD by UOM			
Campus	10	Sign Type	Sign Use	Sign Location	Sign Number	Message	Symbols	Remarks	Installation Notes
S	10	B	B	B	18	Message TBD by UOM			
S	10	B	B	B	19	Message TBD by UOM			
S	10	B	B	B	20	Message TBD by UOM			
S	29	E	A	A	1	University of Memphis You Are Here			
S	29	E	A	A	2	University of Memphis You Are Here			
S	29	E	A	A	3	University of Memphis You Are Here			
S	29	E	A	A	4	University of Memphis You Are Here			

CLEANING & MAINTENANCE

The exterior signage should be washed at regular intervals to maintain the finish and appearance. The use of a mild cleaner, such as one that would be suitable for washing a car, is required. Do not use any cleaners with a high alkaline content, such as caustic potash, soda, lye or and scouring powder, as those types of cleaners will damage the paint finish.

Monthly (Every four weeks)

- Inspection of all signs is to occur on a monthly basis by dedicated personnel.
- Sign units should be cleaned of any debris or spotting that may interfere with the legibility or aesthetic qualities. Loose elements should be refastened and connected appropriately.
- Any overgrowth of landscaping and / or water damage should be corrected as a part of routine inspection.

Semi-Annually (Every six months)

- In April / May and October / November, the exterior aluminum signs should be washed with a mild detergent, either by hand or, if allowed, by using a pressure sprayer.
- After washing, thoroughly rinse with clean water to remove all traces of the mild detergent. Remove all surface water using a rubber squeegee, chamois leather, sponge or soft dry cloth to avoid "spotting" due to the minerals present in the rinse water.
- Polish using a non-abrasive automotive polish

ORDERING

Responsibility for updating the sign system is assigned to the Sign Coordinator.

This manual and knowledge of the system is needed to order new and replacement signs. It is critical that sizes, formats, color and placement be consistent with the existing signage program.

To order signs, photocopy the appropriate Sign Types pages and order form from this manual. Always return the original Sign Type pages to the manual for future use.

Specify the following on the order form:

- Item number
- Sign type letter
- Quantity

Message copy — provide exactly as required, using upper and lower case as necessary.

UNIVERSITY OF MEMPHIS SIGNAGE REQUEST FORM

- COMPLETE AND FORWARD TO: _____
1. NAME: _____
2. TITLE: _____
3. DEPARTMENT: _____
4. FLOOR: _____
5. SIGN MESSAGE REQUESTED: _____

6. DESIRED SIGN LOCATION: _____

7. QUANTITY (IF APPLICABLE): _____
8. DOES THE SIGN CURRENTLY EXIST: YES ☐ NO ☐
9. IF NO TO #8, SUBSTANTIATE THE NEED FOR THIS NEW SIGN TYPE: _____

AS-BUILTS

